

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U112718\
 Data File : VU028350.D
 Acq On : 27 Nov 2018 21:01
 Operator : MD/SY
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Nov 28 04:23:33 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U110218W.M
 Quant Title : SW846 8260
 QLast Update : Fri Nov 02 02:28:20 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.98	168	201952	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.88	114	357919	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	341255	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.48	152	169190	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.31	65	181622	60.49	ug/l	0.00
Spiked Amount	50.000		Recovery	=	120.98%	
35) Dibromofluoromethane	4.88	113	128841	57.09	ug/l	0.00
Spiked Amount	50.000		Recovery	=	114.18%	
50) Toluene-d8	7.56	98	493995	56.67	ug/l	0.00
Spiked Amount	50.000		Recovery	=	113.34%	
62) 4-Bromofluorobenzene	10.31	95	188399	58.59	ug/l	0.00
Spiked Amount	50.000		Recovery	=	117.18%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.21	85	109620	42.718	ug/l	100
3) Chloromethane	1.33	50	237018	76.370	ug/l	99
4) Vinyl Chloride	1.40	62	172295	55.935	ug/l	100
5) Bromomethane	1.60	94	62580	49.415	ug/l	94
6) Chloroethane	1.68	64	103567	58.344	ug/l	99
7) Trichlorofluoromethane	1.88	101	191585	53.825	ug/l	95
8) Diethyl Ether	2.10	74	91770	60.213	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.28	101	114462	54.132	ug/l	98
10) Methyl Iodide	2.41	142	108444	54.936	ug/l	99
11) Tert butyl alcohol	2.83	59	229466	288.684	ug/l	100
12) 1,1-Dichloroethene	2.28	96	112051	52.940	ug/l	97
13) Acrolein	2.19	56	44420	149.183	ug/l	100
14) Allyl chloride	2.59	41	283006	54.709	ug/l	99
15) Acrylonitrile	2.93	53	589127	301.726	ug/l	99
16) Acetone	2.32	43	527809	283.330	ug/l	100
17) Carbon Disulfide	2.48	76	369073	53.348	ug/l	100
18) Methyl Acetate	2.61	43	328345	64.074	ug/l	99
19) Methyl tert-butyl Ether	3.00	73	481579	56.421	ug/l	100
20) Methylene Chloride	2.70	84	157203	57.797	ug/l	97
21) trans-1,2-Dichloroethene	2.98	96	129281	52.927	ug/l	94
22) Diisopropyl ether	3.57	45	612490	57.350	ug/l	97
23) Vinyl Acetate	3.52	43	2592737	282.479	ug/l	99
24) 1,1-Dichloroethane	3.44	63	303772	57.105	ug/l	99
25) 2-Butanone	4.26	43	872862	294.521	ug/l	99
26) 2,2-Dichloropropane	4.22	77	222444	55.721	ug/l	100
27) cis-1,2-Dichloroethene	4.22	96	153690	56.109	ug/l	95
28) Bromochloromethane	4.55	49	157774	63.265	ug/l	94
29) Tetrahydrofuran	4.64	42	557700	281.815	ug/l	99
30) Chloroform	4.67	83	274229	56.223	ug/l	99
31) Cyclohexane	4.99	56	281013	53.965	ug/l	99
32) 1,1,1-Trichloroethane	4.91	97	220079	56.683	ug/l	99
36) 1,1-Dichloropropene	5.13	75	205501	54.821	ug/l	97
37) Ethyl Acetate	4.38	43	305684	55.654	ug/l	100
38) Carbon Tetrachloride	5.13	117	170018	51.179	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	6.41	83	237547	52.540	ug/l	99
40) Benzene	5.39	78	621118	54.194	ug/l	100
41) Methacrylonitrile	4.54	41	175819	59.982	ug/l	100
42) 1,2-Dichloroethane	5.40	62	227326	55.801	ug/l	98
43) Isopropyl Acetate	5.55	43	480938	55.889	ug/l	100
44) Trichloroethene	6.19	130	132311	53.707	ug/l	97
45) 1,2-Dichloropropane	6.43	63	187231	56.646	ug/l	98
46) Dibromomethane	6.56	93	106488	56.050	ug/l	93
47) Bromodichloromethane	6.76	83	211681	57.816	ug/l	99
48) Methyl methacrylate	6.62	41	247348	58.656	ug/l	97
49) 1,4-Dioxane	6.61	88	90624	1317.227	ug/l	98
51) 4-Methyl-2-Pentanone	7.46	43	1631773	283.943	ug/l	99
52) Toluene	7.64	92	363874	54.005	ug/l	100
53) t-1,3-Dichloropropene	7.88	75	248501	54.626	ug/l	99
54) cis-1,3-Dichloropropene	7.27	75	265493	58.822	ug/l	100
55) 1,1,2-Trichloroethane	8.06	97	150127	54.766	ug/l	96
56) Ethyl methacrylate	8.02	69	265646	54.952	ug/l	98
57) 1,3-Dichloropropane	8.24	76	282471	56.569	ug/l	100
58) 2-Chloroethyl Vinyl ether	7.13	63	726638	280.658	ug/l	98
59) 2-Hexanone	8.36	43	1261474	283.810	ug/l	100
60) Dibromochloromethane	8.48	129	144722	55.792	ug/l	100
61) 1,2-Dibromoethane	8.58	107	157880	54.203	ug/l	99
64) Tetrachloroethene	8.22	164	116023	52.433	ug/l	97
65) Chlorobenzene	9.12	112	376622	52.237	ug/l	99
66) 1,1,1,2-Tetrachloroethane	9.21	131	127425	51.744	ug/l	98
67) Ethyl Benzene	9.25	91	710497	53.538	ug/l	99
68) m/p-Xylenes	9.37	106	515582	107.073	ug/l	98
69) o-Xylene	9.78	106	250172	51.451	ug/l	95
70) Styrene	9.79	104	420989	54.187	ug/l	99
71) Bromoform	9.96	173	109449	53.031	ug/l #	98
73) Isopropylbenzene	10.16	105	672007	51.271	ug/l	100
74) N-amyl acetate	10.01	43	430579	54.328	ug/l	99
75) 1,1,2,2-Tetrachloroethane	10.46	83	282158	53.369	ug/l	99
76) 1,2,3-Trichloropropane	10.49	75	341799	73.857	ug/l	80
77) Bromobenzene	10.45	156	155131	51.617	ug/l	94
78) n-propylbenzene	10.58	91	836494	53.317	ug/l	98
79) 2-Chlorotoluene	10.66	91	489675	52.071	ug/l	97
80) 1,3,5-Trimethylbenzene	10.77	105	570465	52.540	ug/l	100
81) trans-1,4-Dichloro-2-buten	10.49	75	341799	183.699	ug/l #	100
82) 4-Chlorotoluene	10.77	91	569008	53.297	ug/l	98
83) tert-Butylbenzene	11.10	119	545269	50.234	ug/l	97
84) 1,2,4-Trimethylbenzene	11.15	105	581399	53.177	ug/l	99
85) sec-Butylbenzene	11.32	105	695715	52.702	ug/l	100
86) p-Isopropyltoluene	11.48	119	581765	52.717	ug/l	99
87) 1,3-Dichlorobenzene	11.41	146	287194	51.729	ug/l	99
88) 1,4-Dichlorobenzene	11.50	146	283479	49.816	ug/l	99
89) n-Butylbenzene	11.89	91	573206	54.654	ug/l	99
90) Hexachloroethane	12.14	117	86672	44.113	ug/l	98
91) 1,2-Dichlorobenzene	11.88	146	292507	52.390	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.66	75	63634	57.120	ug/l	92

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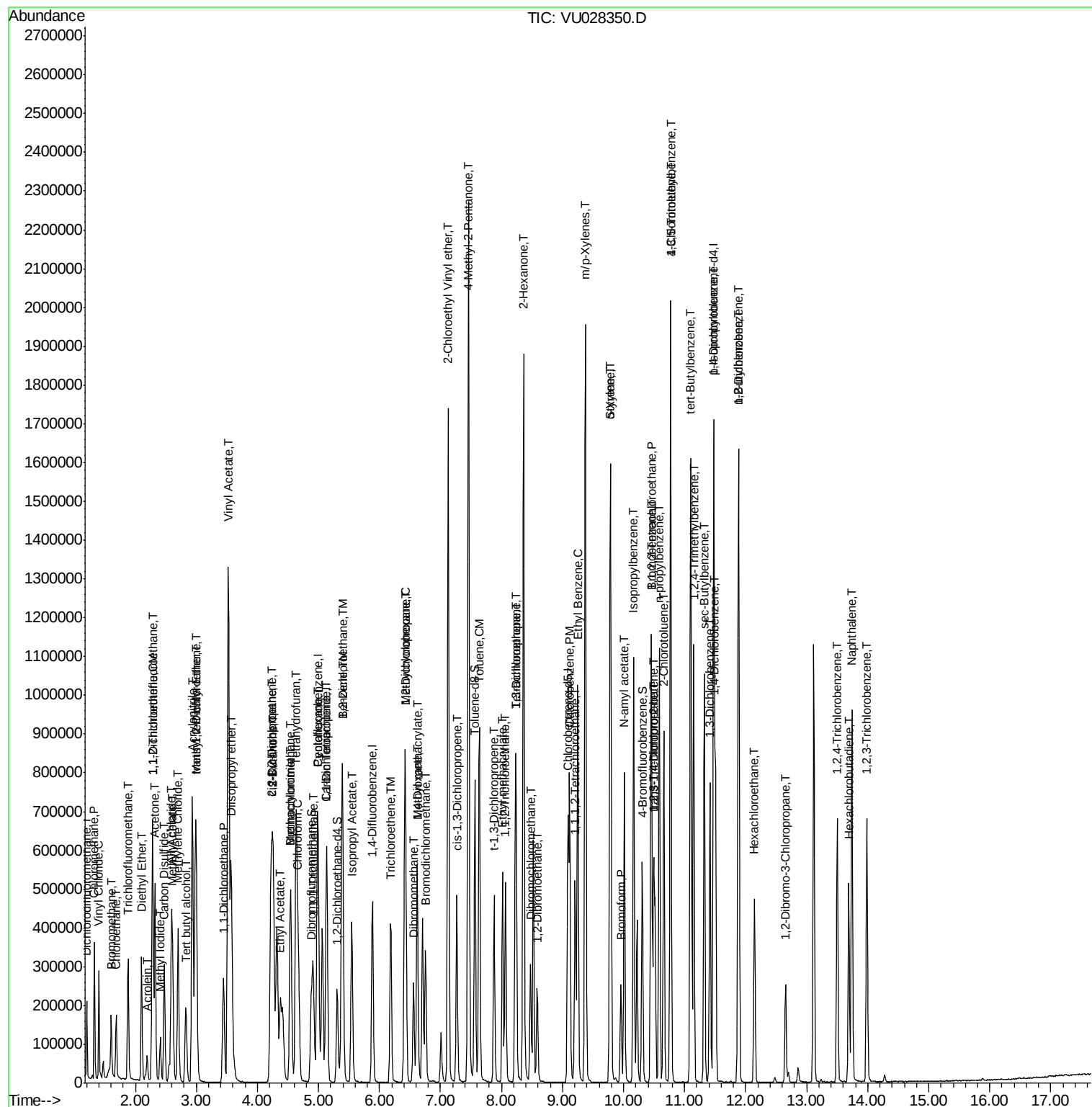
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.50	180	193538	49.436	ug/l	98
94) Hexachlorobutadiene	13.69	225	89466	50.419	ug/l	98
95) Naphthalene	13.74	128	710814	51.222	ug/l	100
96) 1,2,3-Trichlorobenzene	13.99	180	198506	52.985	ug/l	100

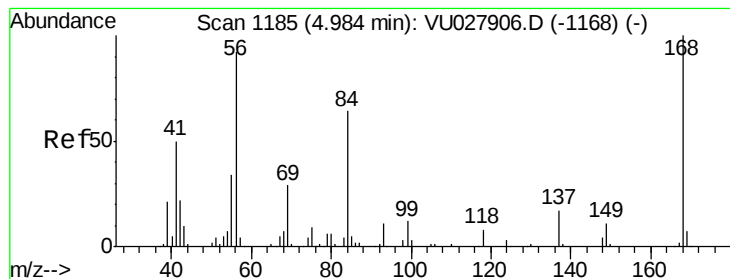
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.98 min Scan# 1185

Delta R.T. 0.00 min

Lab File: VU028350.D

Acq: 27 Nov 2018 21:01

Instrument :

MSVOA_U

ClientSampleId :

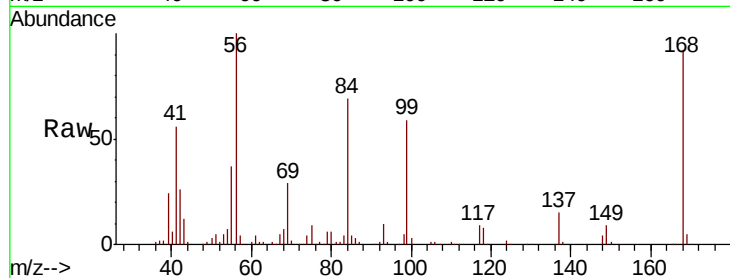
VSTDCCC050EC

Tot Ion:168 Resp: 201952

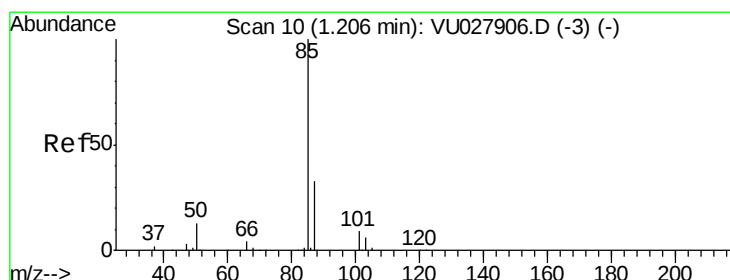
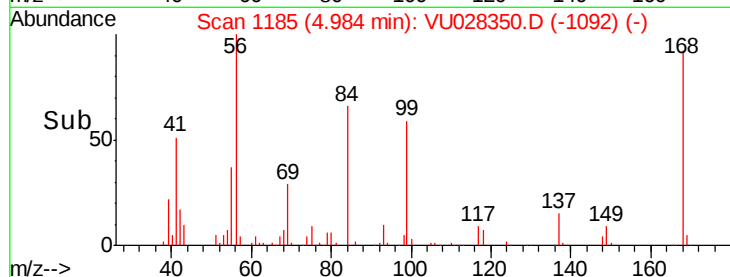
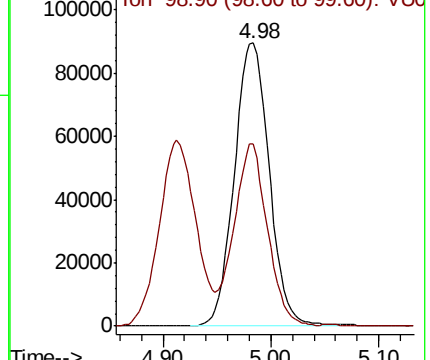
Ion Ratio Lower Upper

168 100

99 64.2 47.9 71.9



Abundance Ion 167.90 (167.60 to 168.60): VU027906.D (-1168) (-)



#2

Dichlorodifluoromethane

Concen: 42.718 ug/l

RT: 1.21 min Scan# 10

Delta R.T. 0.00 min

Lab File: VU028350.D

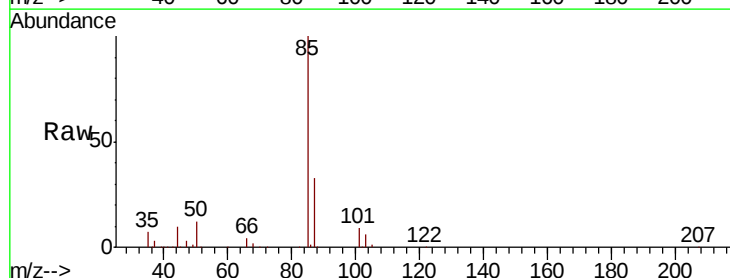
Acq: 27 Nov 2018 21:01

Tgt Ion: 85 Resp: 109620

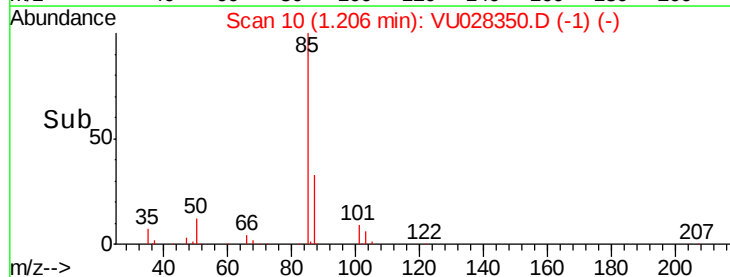
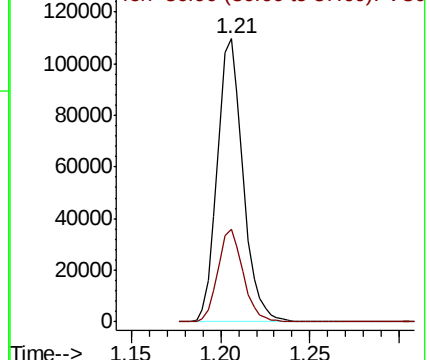
Ion Ratio Lower Upper

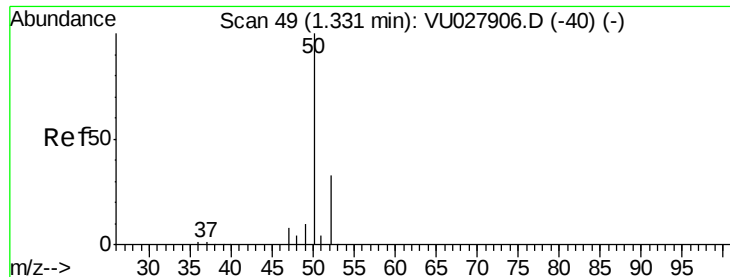
85 100

87 32.7 16.5 49.5



Abundance Ion 84.90 (84.60 to 85.60): VU027906.D (-3) (-)





#3

Chloromethane

Concen: 76.370 ug/l

RT: 1.33 min Scan# 48

Delta R.T. -0.00 min

Lab File: VU028350.D

Acq: 27 Nov 2018 21:01

Instrument :

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ClientSampleId :

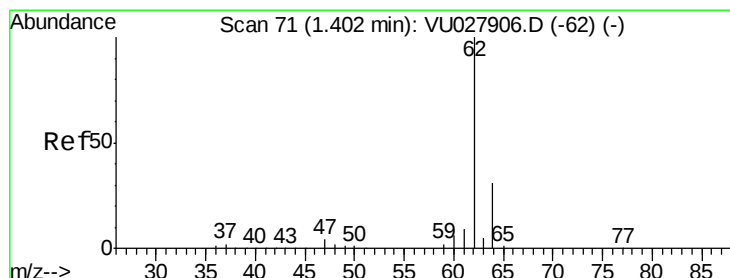
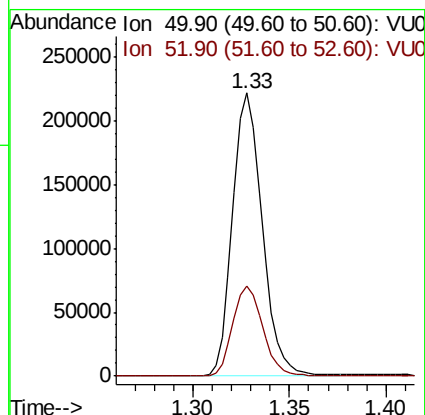
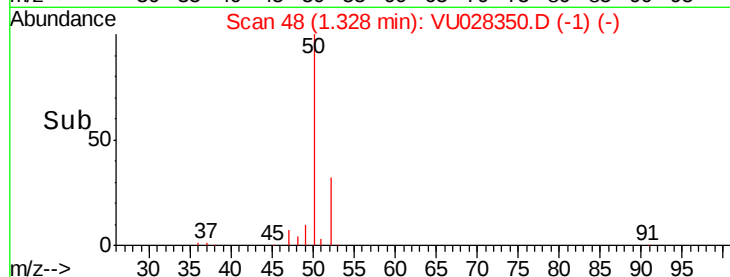
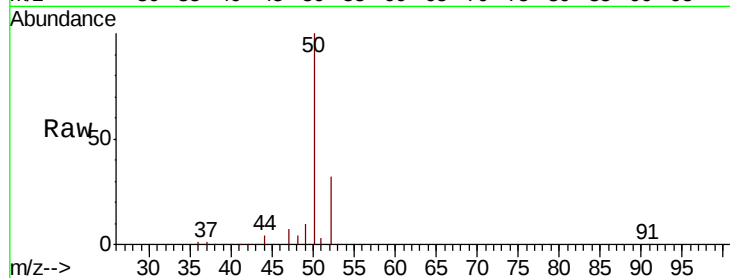
VSTDCCC050EC

Tot Ion: 50 Resp: 237018

Ion Ratio Lower Upper

50 100

52 32.0 26.2 39.4



#4

Vinyl Chloride

Concen: 55.935 ug/l

RT: 1.40 min Scan# 71

Delta R.T. 0.00 min

Lab File: VU028350.D

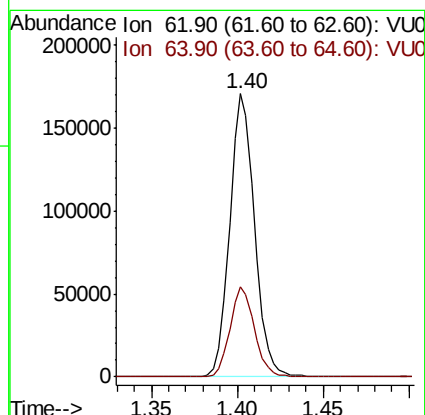
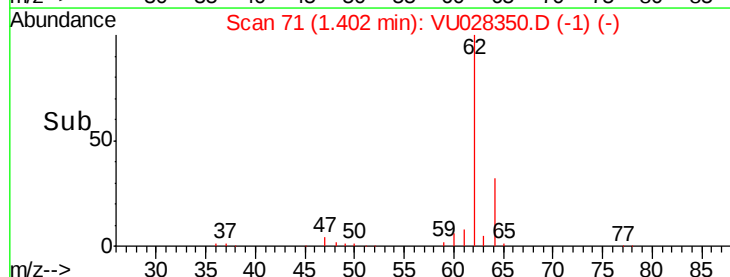
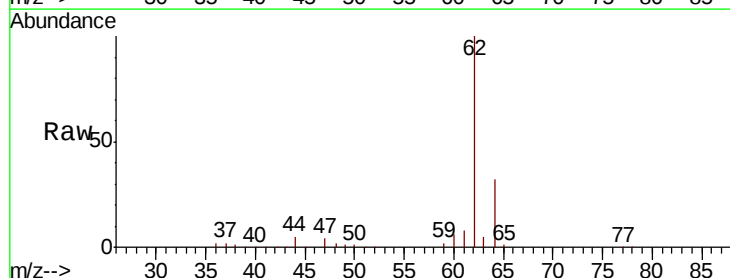
Acq: 27 Nov 2018 21:01

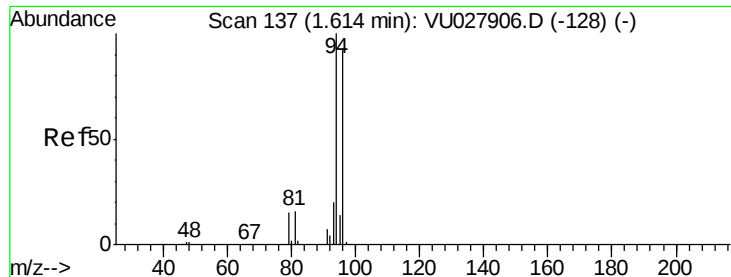
Tgt Ion: 62 Resp: 172295

Ion Ratio Lower Upper

62 100

64 31.6 25.2 37.8





#5

Bromomethane

Concen: 49.415 ug/l

RT: 1.60 min Scan# 134

Delta R.T. -0.01 min

Lab File: VU028350.D

Acq: 27 Nov 2018 21:01

Instrument :

MSVOA_U

ClientSampleId :

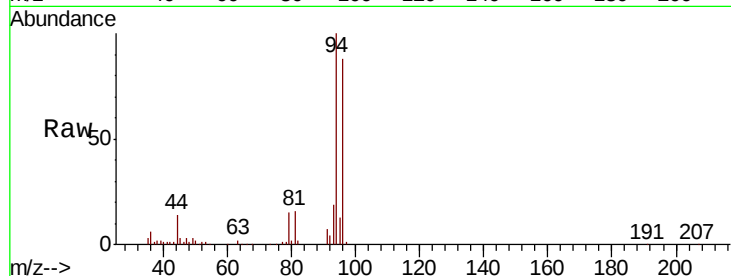
VSTDCCC050EC

Tot Ion: 94 Resp: 62580

Ion Ratio Lower Upper

94 100

96 88.0 74.8 112.2



Abundance Ion 93.90 (93.60 to 94.60): VU028350.D (-134) (-)

Ion 95.90 (95.60 to 96.60): VU028350.D (-134) (-)

1.60

60000

50000

40000

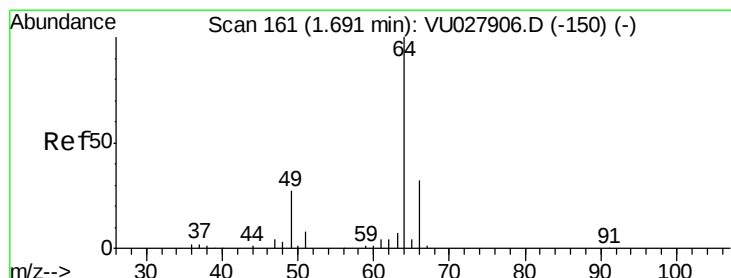
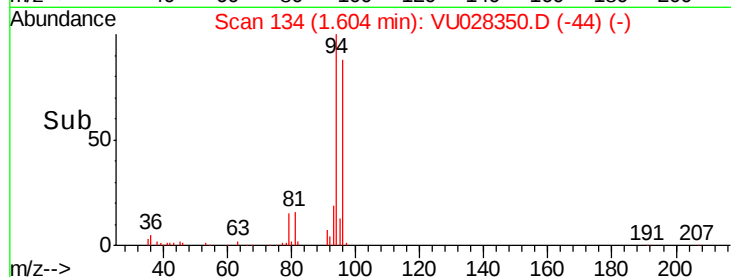
30000

20000

10000

0

Time--> 1.55 1.60 1.65



#6

Chloroethane

Concen: 58.344 ug/l

RT: 1.68 min Scan# 159

Delta R.T. -0.01 min

Lab File: VU028350.D

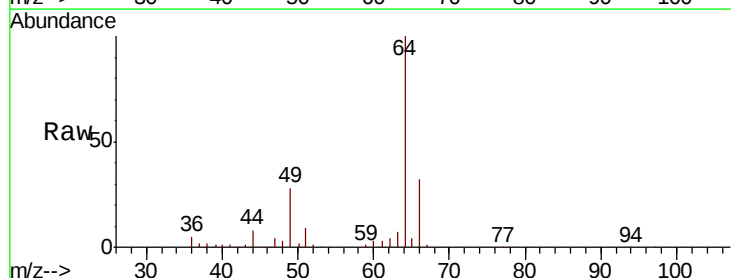
Acq: 27 Nov 2018 21:01

Tgt Ion: 64 Resp: 103567

Ion Ratio Lower Upper

64 100

66 31.7 25.9 38.9



Abundance Ion 63.90 (63.60 to 64.60): VU028350.D (-159) (-)

Ion 65.90 (65.60 to 66.60): VU028350.D (-159) (-)

1.68

80000

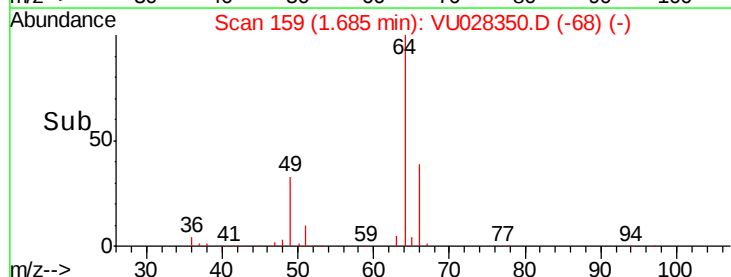
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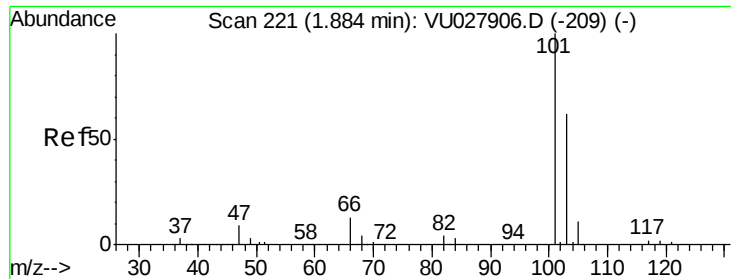
40000

20000

0

Time--> 1.60 1.65 1.70 1.75



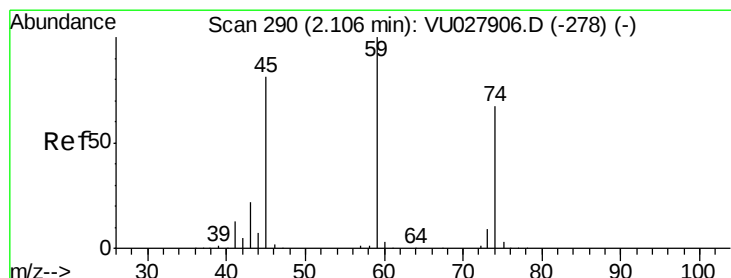
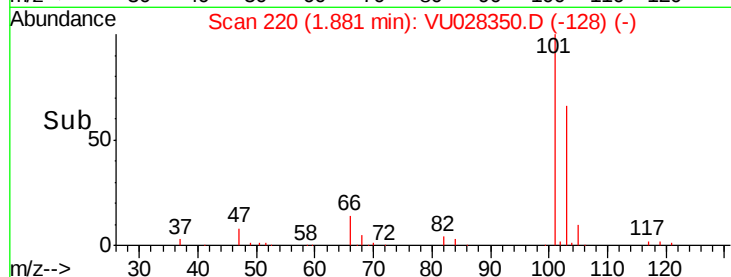
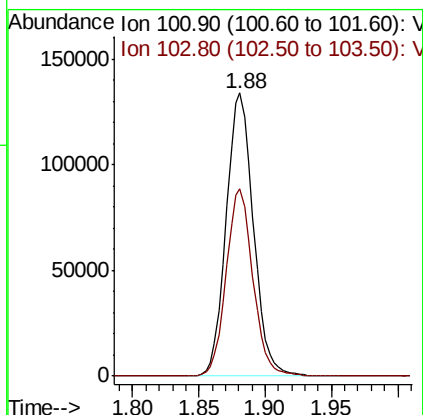
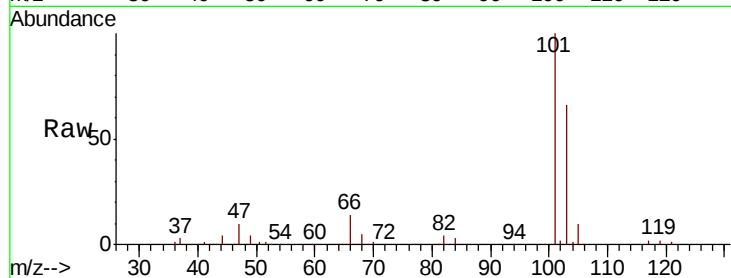


#7

Trichlorofluoromethane
 Concen: 53.825 ug/l
 RT: 1.88 min Scan# 220
 Delta R.T. -0.00 min
 Lab File: VU028350.D
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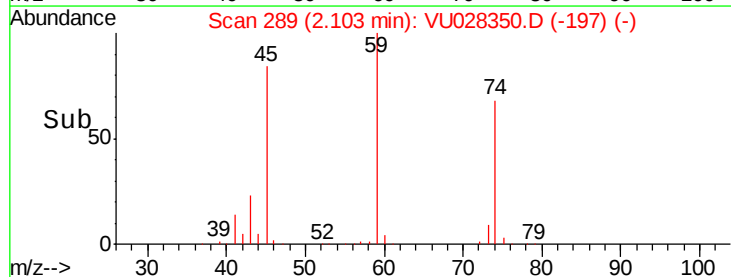
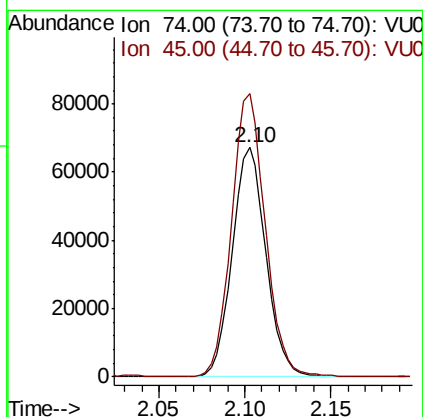
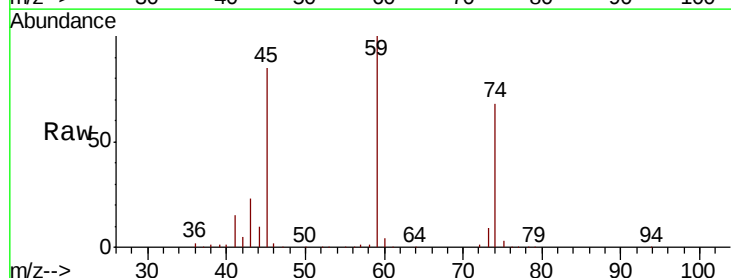
Tot Ion:101 Resp: 191585
 Ion Ratio Lower Upper
 101 100
 103 66.0 49.4 74.2

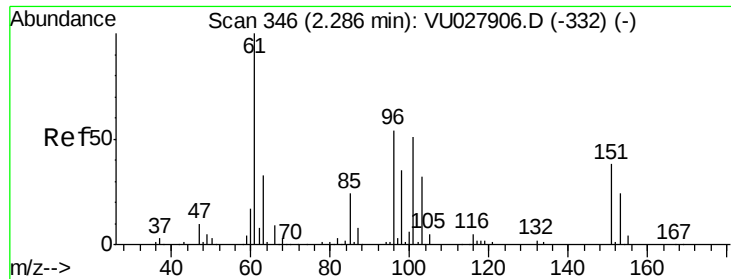


#8

Diethyl Ether
 Concen: 60.213 ug/l
 RT: 2.10 min Scan# 289
 Delta R.T. -0.00 min
 Lab File: VU028350.D
 Acq: 27 Nov 2018 21:01

Tgt Ion: 74 Resp: 91770
 Ion Ratio Lower Upper
 74 100
 45 123.2 60.5 181.5





#9

1,1,2-Trichlorotrifluoroethane

Concen: 54.132 ug/l

RT: 2.28 min Scan# 345

Delta R.T. -0.00 min

Lab File: VU028350.D

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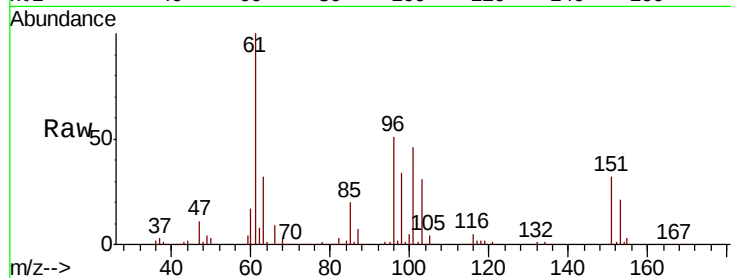
Tot Ion:101 Resp: 114462

Ion Ratio Lower Upper

101 100

85 46.2 36.9 55.3

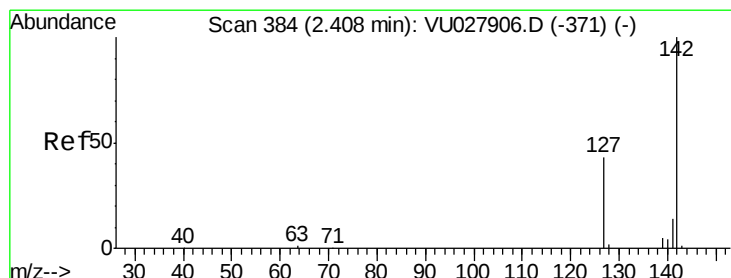
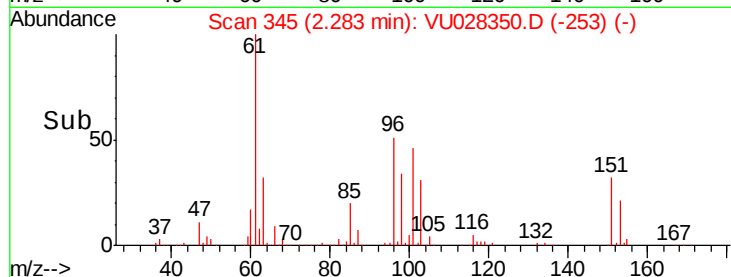
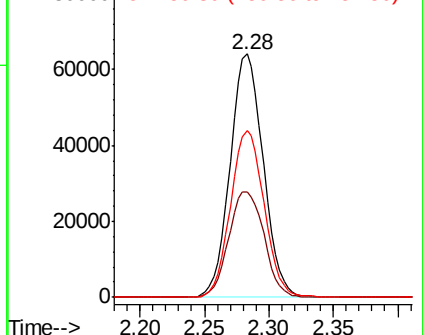
151 69.4 58.0 87.0



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VU0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 54.936 ug/l

RT: 2.41 min Scan# 384

Delta R.T. 0.00 min

Lab File: VU028350.D

Acq: 27 Nov 2018 21:01

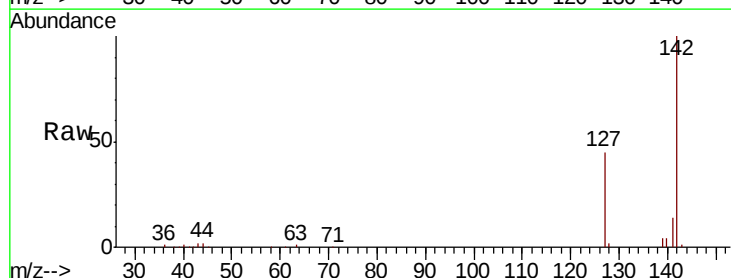
Tgt Ion:142 Resp: 108444

Ion Ratio Lower Upper

142 100

127 44.3 35.2 52.8

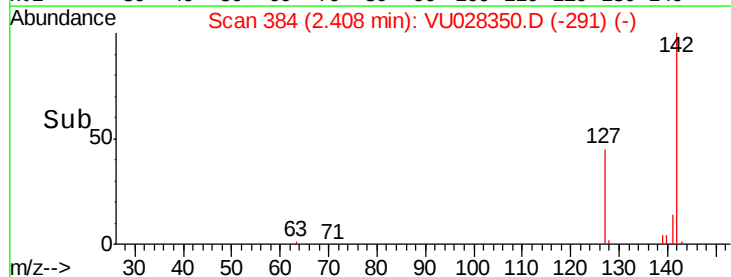
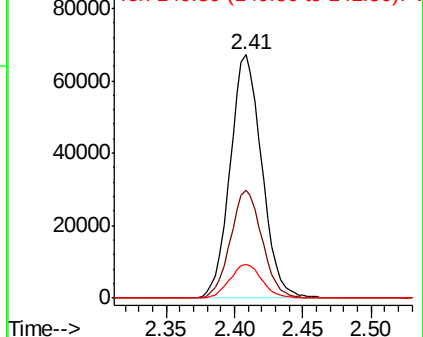
141 14.1 11.8 17.8

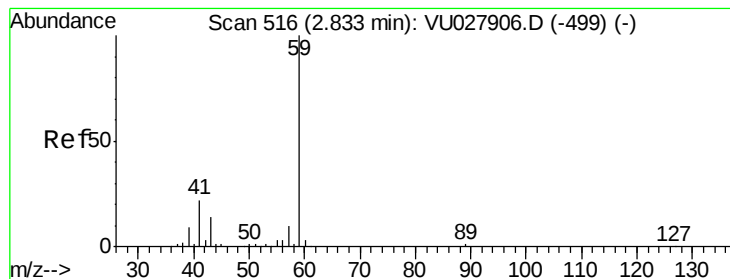


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



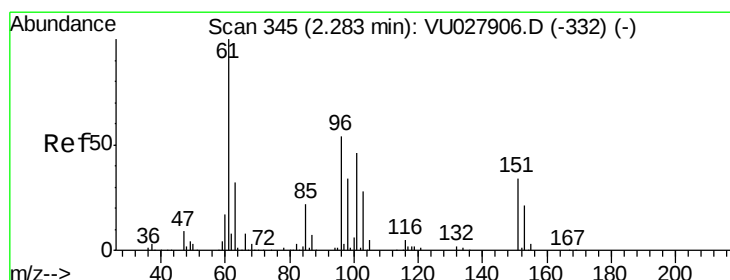
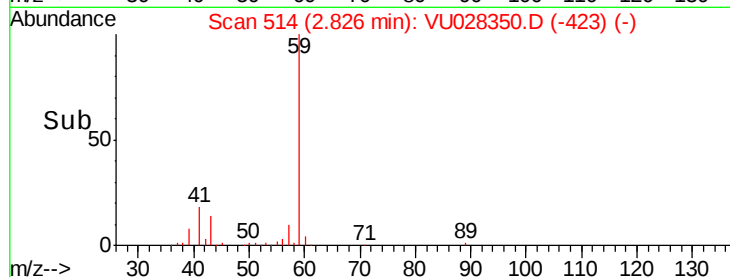
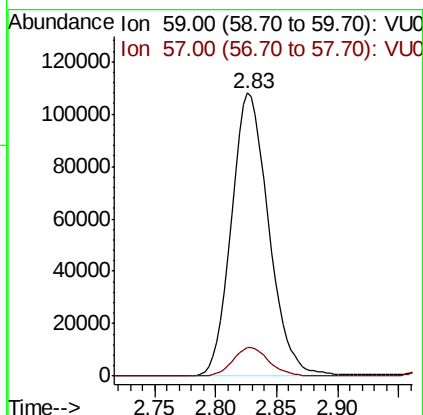
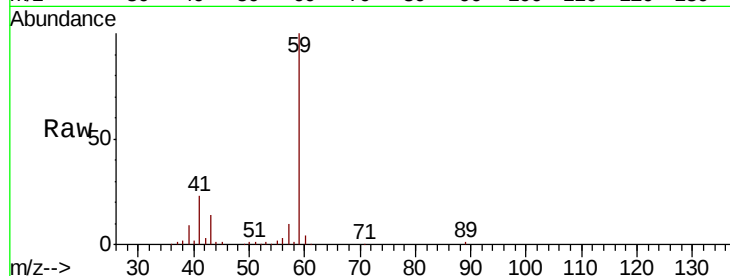


#11

Tert butyl alcohol
 Concen: 288.684 ug/l
 RT: 2.83 min Scan# 514
 Delta R.T. -0.01 min
 Lab File: VU028350.D
 Acq: 27 Nov 2018 21:01

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050EC

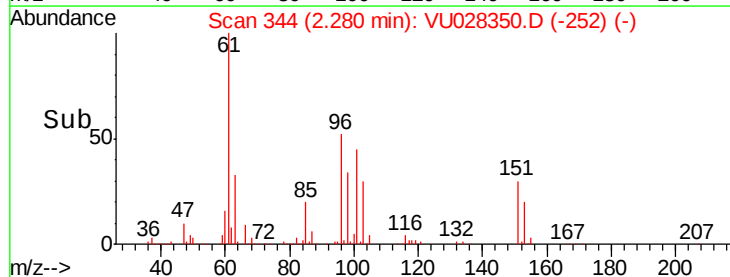
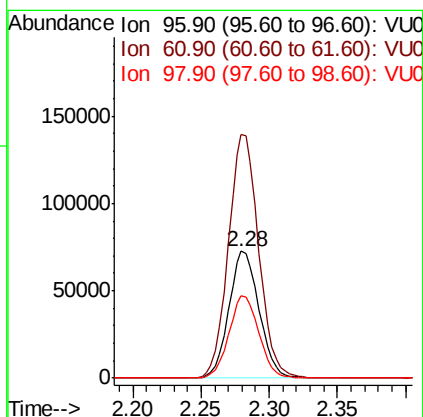
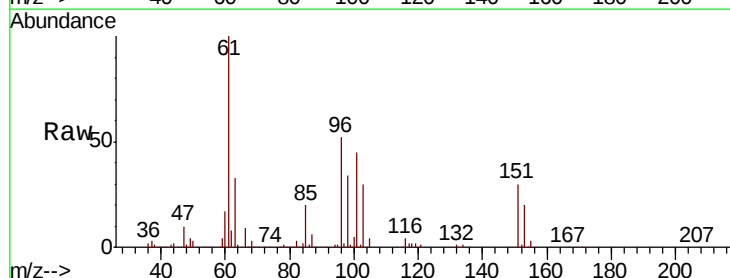
Tot Ion: 59 Resp: 229466
 Ion Ratio Lower Upper
 59 100
 57 9.8 7.8 11.8

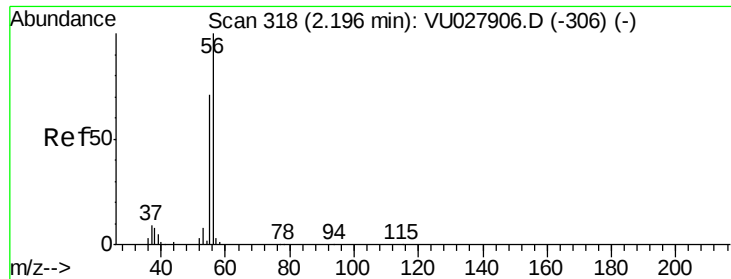


#12

1,1-Dichloroethene
 Concen: 52.940 ug/l
 RT: 2.28 min Scan# 344
 Delta R.T. -0.00 min
 Lab File: VU028350.D
 Acq: 27 Nov 2018 21:01

Tgt Ion: 96 Resp: 112051
 Ion Ratio Lower Upper
 96 100
 61 191.8 149.3 223.9
 98 65.1 50.6 75.8





#13

Acrolein

Concen: 149.183 ug/l

RT: 2.19 min Scan# 317

Delta R.T. -0.00 min

Lab File: VU028350.D

Acq: 27 Nov 2018 21:01

Instrument :

MSVOA_U

ClientSampleId :

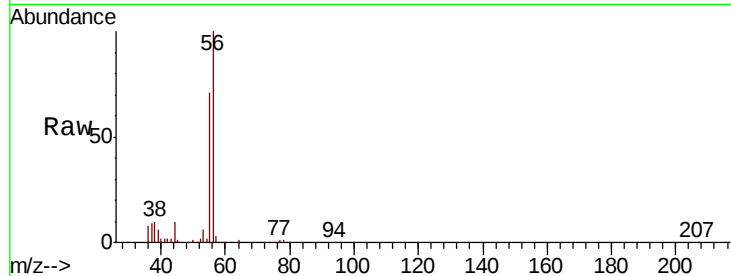
VSTDCCC050EC

Tot Ion: 56 Resp: 44420

Ion Ratio Lower Upper

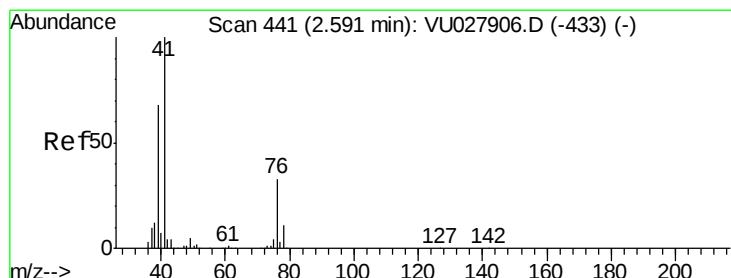
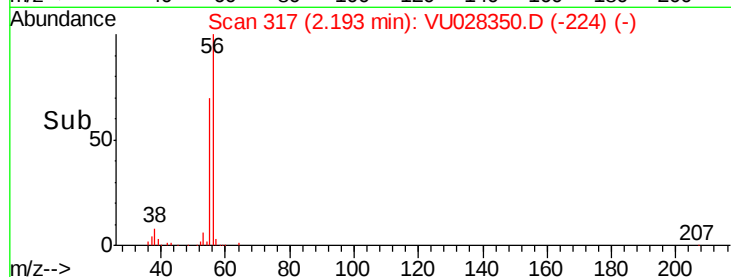
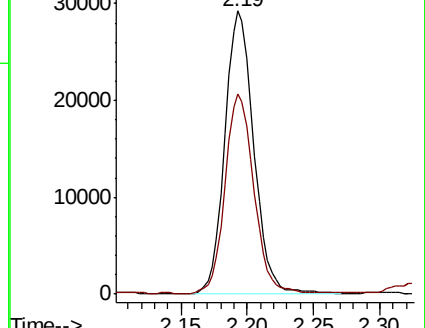
56 100

55 70.5 56.2 84.4



Abundance Ion 56.00 (55.70 to 56.70): VU027906.D (-306) (-)

Ion 55.00 (54.70 to 55.70): VU027906.D (-306) (-)



#14

Allyl chloride

Concen: 54.709 ug/l

RT: 2.59 min Scan# 441

Delta R.T. 0.00 min

Lab File: VU028350.D

Acq: 27 Nov 2018 21:01

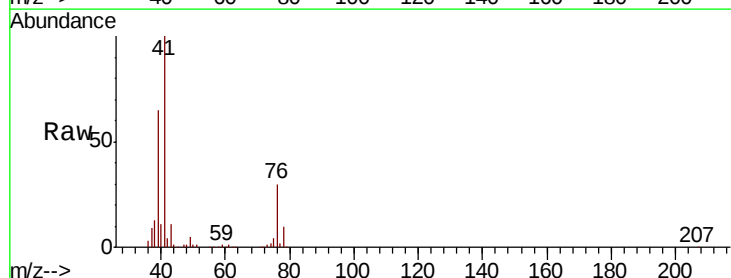
Tgt Ion: 41 Resp: 283006

Ion Ratio Lower Upper

41 100

39 65.3 51.9 77.9

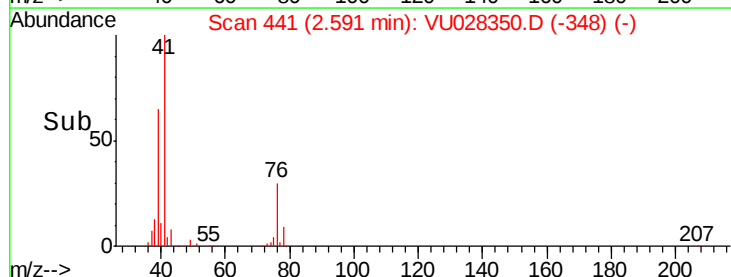
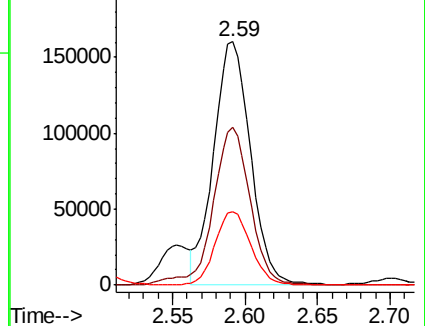
76 29.4 23.8 35.6

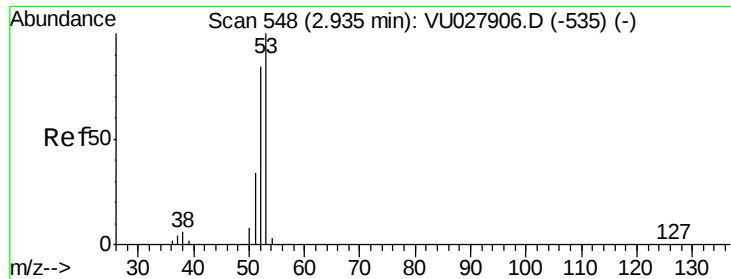


Abundance Ion 41.00 (40.70 to 41.70): VU027906.D (-433) (-)

Ion 39.00 (38.70 to 39.70): VU027906.D (-433) (-)

Ion 75.90 (75.60 to 76.60): VU027906.D (-433) (-)





#15

Acrylonitrile

Concen: 301.726 ug/l

RT: 2.93 min Scan# 547

Delta R.T. -0.00 min

Lab File: VU028350.D

Acq: 27 Nov 2018 21:01

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050EC

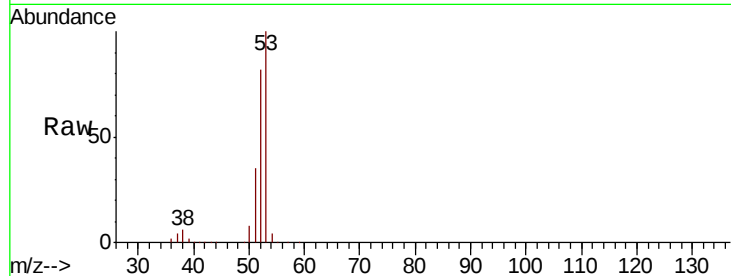
Tot Ion: 53 Resp: 589127

Ion Ratio Lower Upper

53 100

52 81.6 66.2 99.2

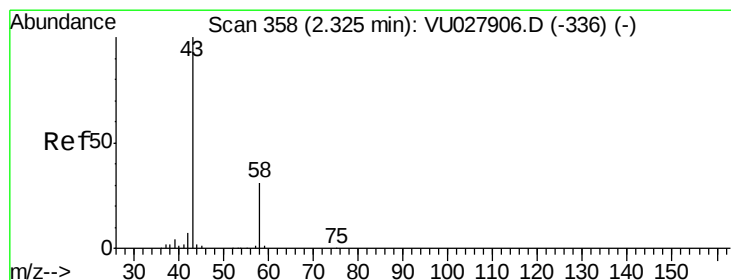
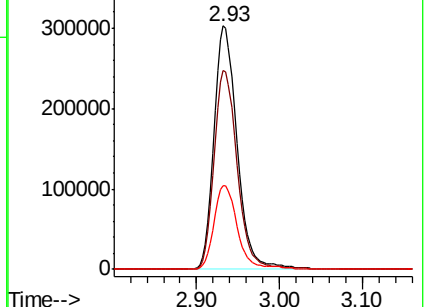
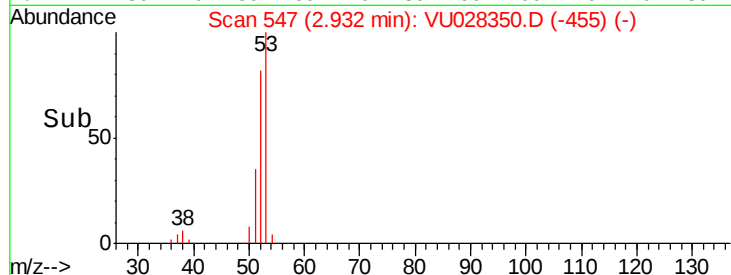
51 34.0 27.0 40.4



Abundance Ion 53.00 (52.70 to 53.70): VU028350.D (-455) (-)

Ion 52.00 (51.70 to 52.70): VU028350.D (-455) (-)

Ion 51.00 (50.70 to 51.70): VU028350.D (-455) (-)



#16

Acetone

Concen: 283.330 ug/l

RT: 2.32 min Scan# 357

Delta R.T. -0.00 min

Lab File: VU028350.D

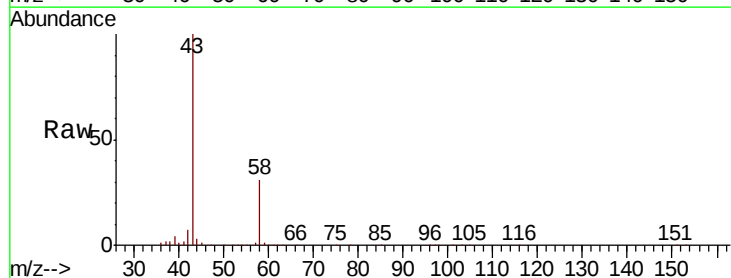
Acq: 27 Nov 2018 21:01

Tgt Ion: 43 Resp: 527809

Ion Ratio Lower Upper

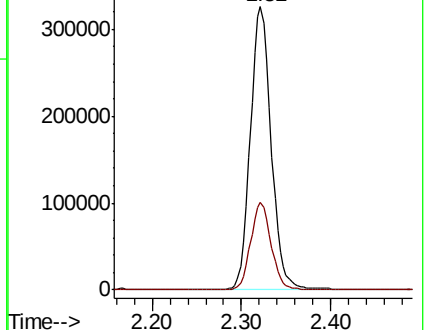
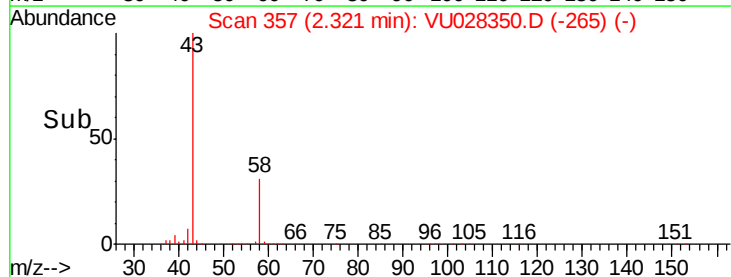
43 100

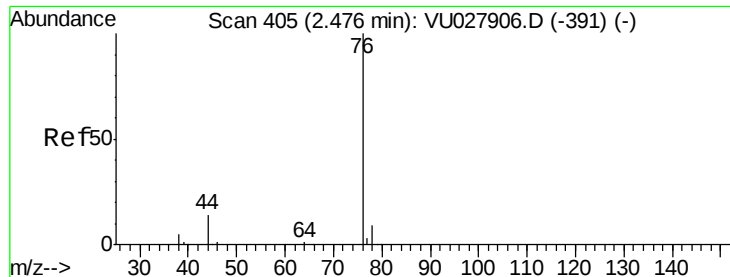
58 30.7 24.6 37.0



Abundance Ion 43.00 (42.70 to 43.70): VU028350.D (-265) (-)

Ion 58.00 (57.70 to 58.70): VU028350.D (-265) (-)

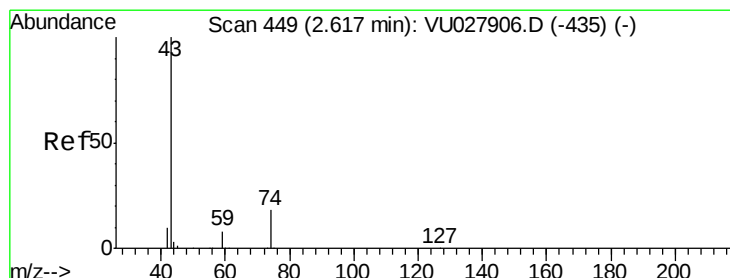
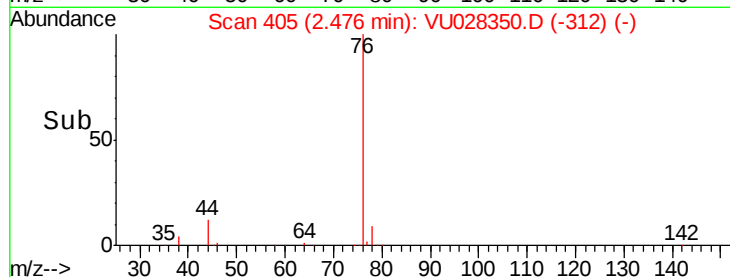
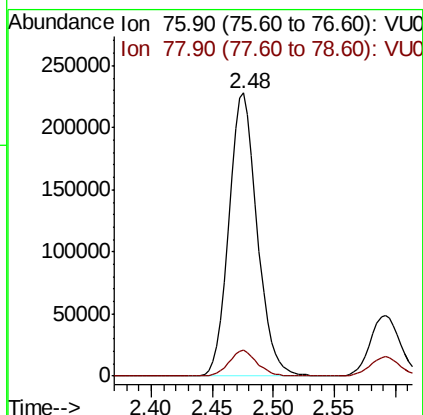
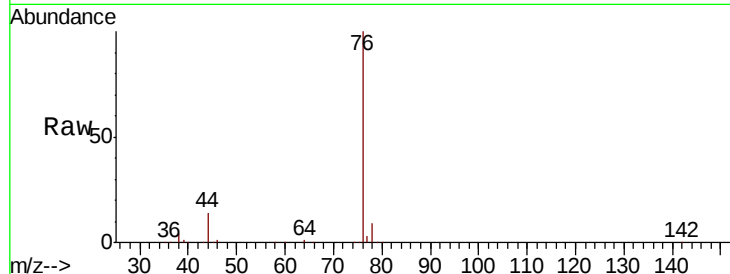




#17
Carbon Disulfide
Concen: 53.348 ug/l
RT: 2.48 min Scan# 405
Delta R.T. 0.00 min
Lab File: VU028350.D
Acq: 27 Nov 2018 21:01

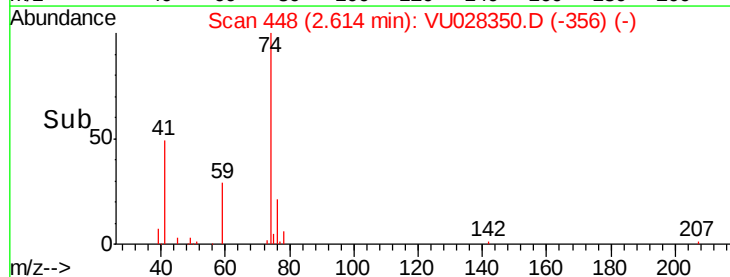
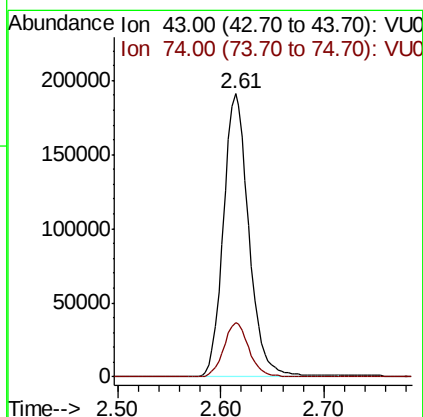
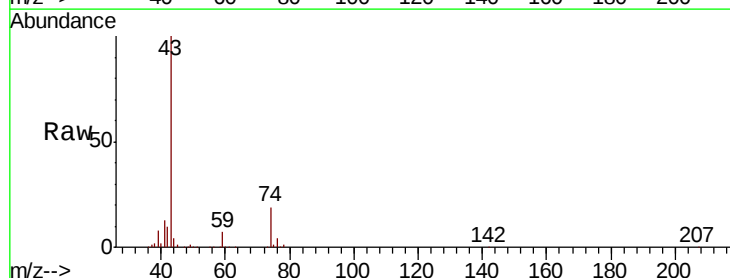
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

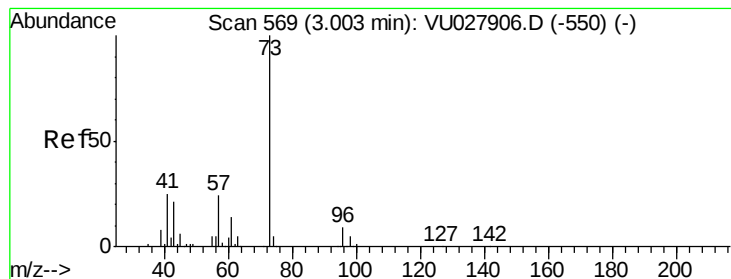
Tot Ion: 76 Resp: 369073
Ion Ratio Lower Upper
76 100
78 9.2 7.4 11.0



#18
Methyl Acetate
Concen: 64.074 ug/l
RT: 2.61 min Scan# 448
Delta R.T. -0.00 min
Lab File: VU028350.D
Acq: 27 Nov 2018 21:01

Tgt Ion: 43 Resp: 328345
Ion Ratio Lower Upper
43 100
74 19.0 14.9 22.3



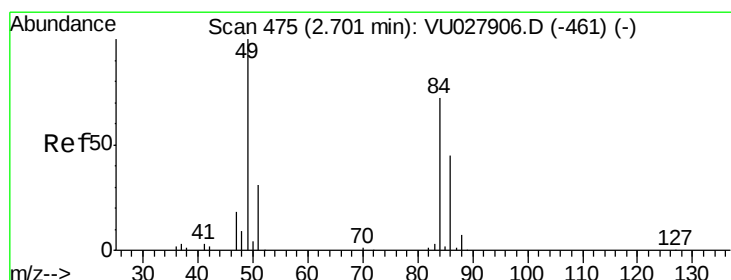
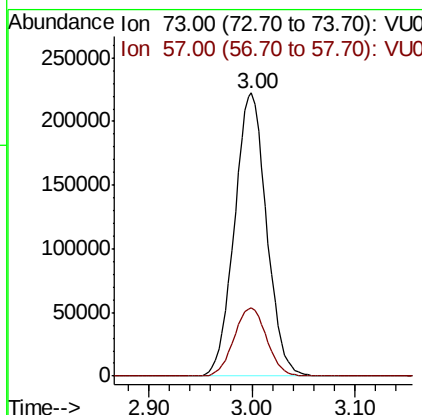
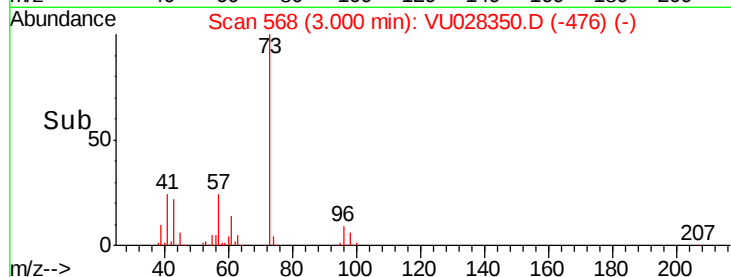
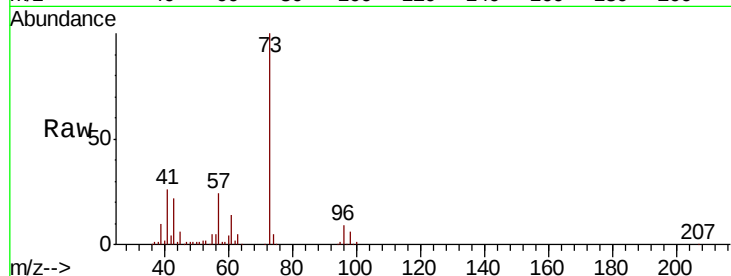


#19

Methyl tert-butyl Ether
 Concen: 56.421 ug/l
 RT: 3.00 min Scan# 568
 Delta R.T. -0.00 min
 Lab File: VU028350.D
 Acq: 27 Nov 2018 21:01

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050EC

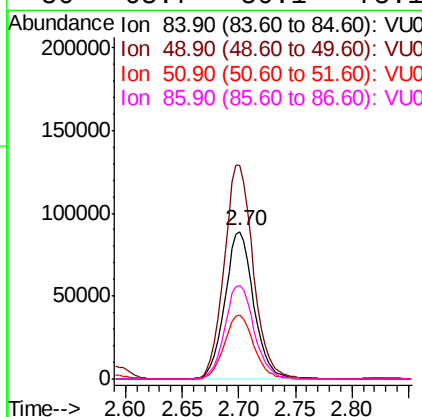
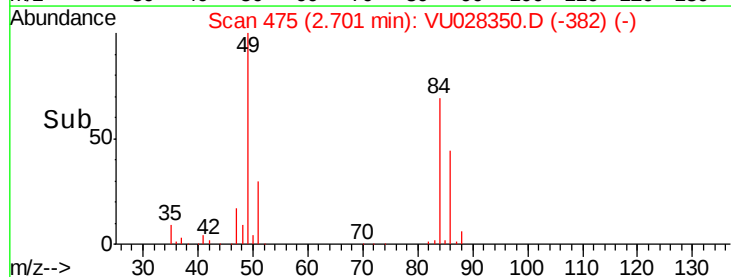
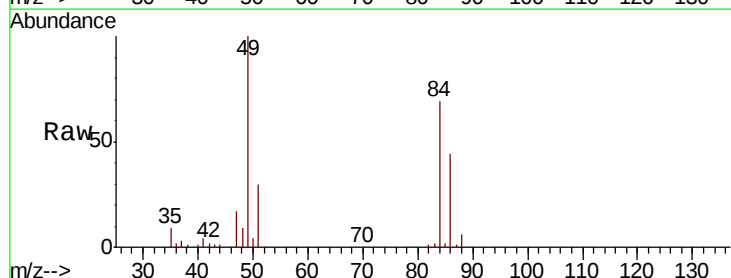
Tot Ion: 73 Resp: 481579
 Ion Ratio Lower Upper
 73 100
 57 24.2 19.3 28.9

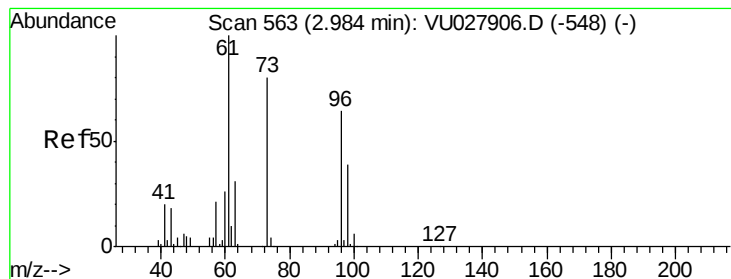


#20

Methylene Chloride
 Concen: 57.797 ug/l
 RT: 2.70 min Scan# 475
 Delta R.T. 0.00 min
 Lab File: VU028350.D
 Acq: 27 Nov 2018 21:01

Tgt Ion: 84 Resp: 157203
 Ion Ratio Lower Upper
 84 100
 49 144.5 111.6 167.4
 51 43.3 34.8 52.2
 86 63.7 50.1 75.1





#21

trans-1,2-Dichloroethene

Concen: 52.927 ug/l

RT: 2.98 min Scan# 562

Delta R.T. -0.00 min

Lab File: VU028350.D

Acq: 27 Nov 2018 21:01

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050EC

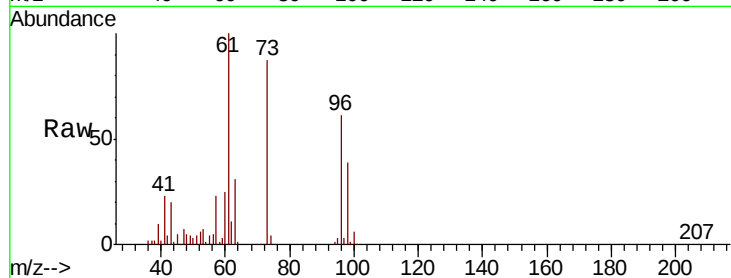
Tot Ion: 96 Resp: 129281

Ion Ratio Lower Upper

96 100

61 165.1 125.0 187.6

98 64.3 48.2 72.4

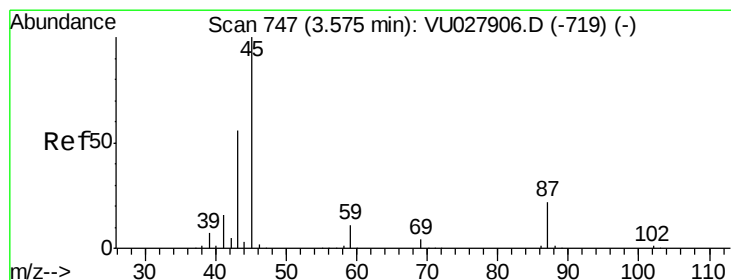
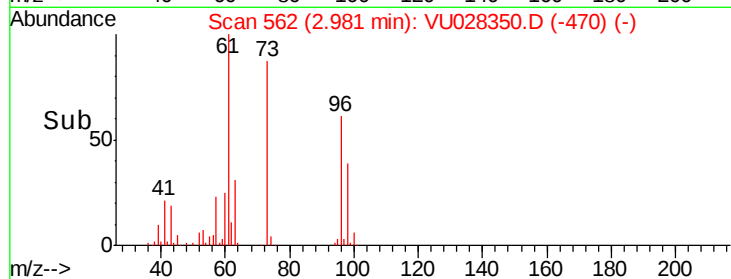
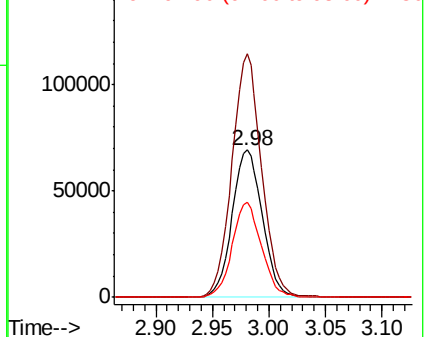


Abundance

Ion 95.90 (95.60 to 96.60): VU0

Ion 60.90 (60.60 to 61.60): VU0

Ion 97.90 (97.60 to 98.60): VU0



#22

Diisopropyl ether

Concen: 57.350 ug/l

RT: 3.57 min Scan# 745

Delta R.T. -0.01 min

Lab File: VU028350.D

Acq: 27 Nov 2018 21:01

Tgt Ion: 45 Resp: 612490

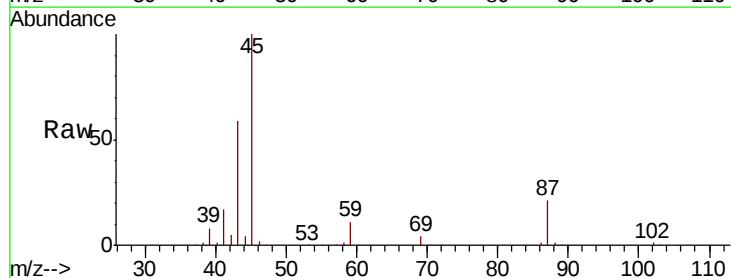
Ion Ratio Lower Upper

45 100

43 58.4 45.0 67.6

87 21.0 17.9 26.9

59 10.8 8.6 12.8



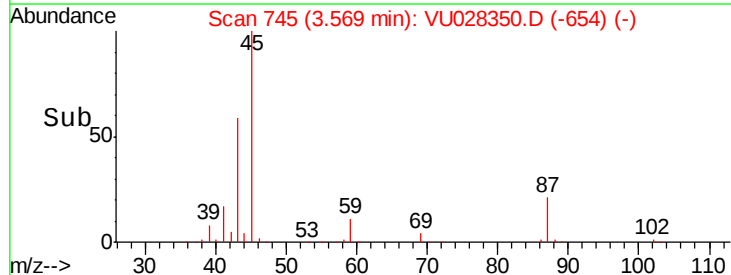
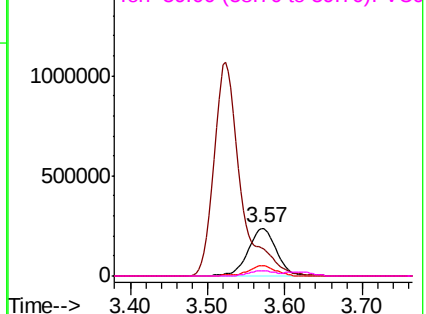
Abundance

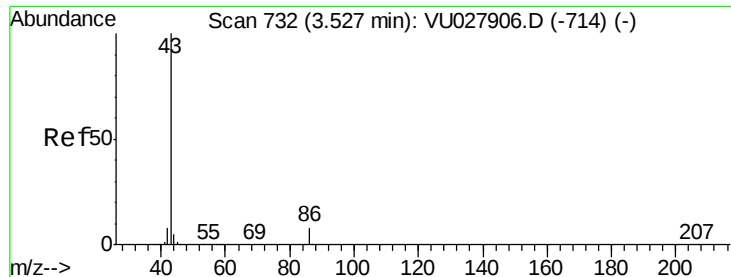
Ion 45.00 (44.70 to 45.70): VU0

Ion 43.00 (42.70 to 43.70): VU0

Ion 87.00 (86.70 to 87.70): VU0

Ion 59.00 (58.70 to 59.70): VU0





#23

Vinyl Acetate

Concen: 282.479 ug/l

RT: 3.52 min Scan# 731

Delta R.T. -0.00 min

Lab File: VU028350.D

Acq: 27 Nov 2018 21:01

Instrument :

MSVOA_U

ClientSampleId :

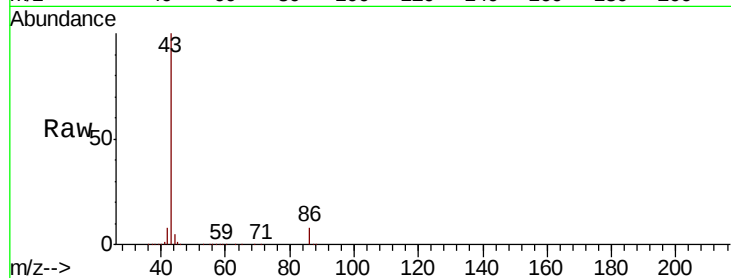
VSTDCCC050EC

Tot Ion: 43 Resp: 2592737

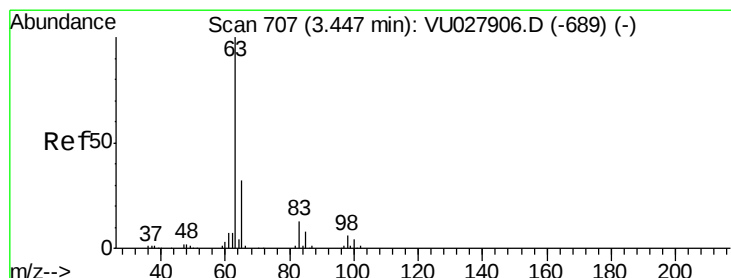
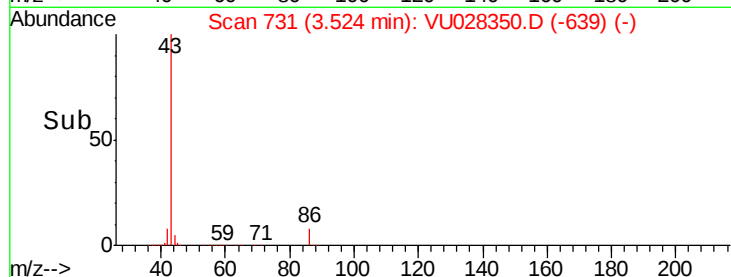
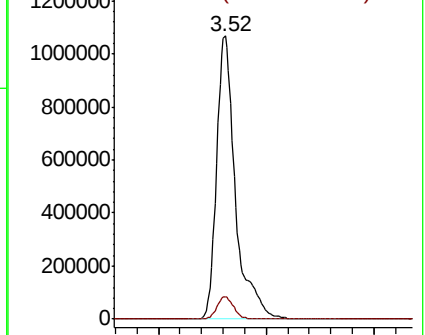
Ion Ratio Lower Upper

43 100

86 7.9 6.6 9.8



Abundance Ion 43.00 (42.70 to 43.70): VU028350.D (-639) (-)



#24

1,1-Dichloroethane

Concen: 57.105 ug/l

RT: 3.44 min Scan# 706

Delta R.T. -0.00 min

Lab File: VU028350.D

Acq: 27 Nov 2018 21:01

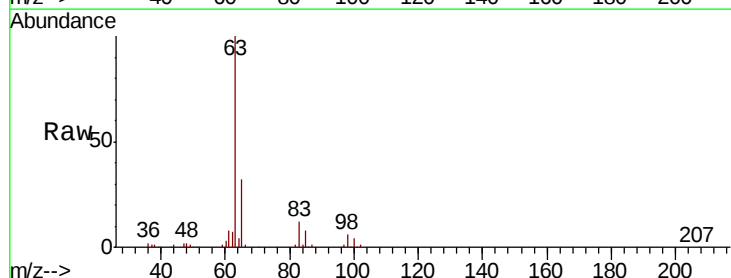
Tgt Ion: 63 Resp: 303772

Ion Ratio Lower Upper

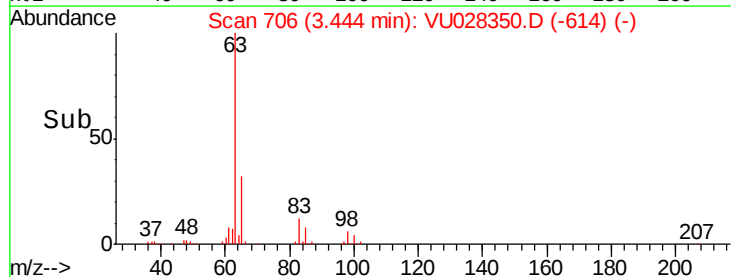
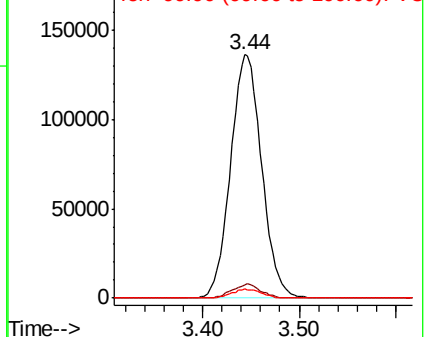
63 100

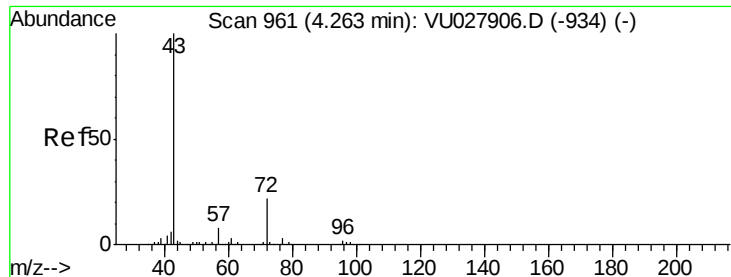
98 5.5 2.9 8.6

100 3.7 2.0 6.0



Abundance Ion 62.90 (62.60 to 63.60): VU028350.D (-614) (-)





#25

2-Butanone

Concen: 294.521 ug/l

RT: 4.26 min Scan# 960

Delta R.T. -0.00 min

Lab File: VU028350.D

Acq: 27 Nov 2018 21:01

Instrument :

MSVOA_U

ClientSampleId :

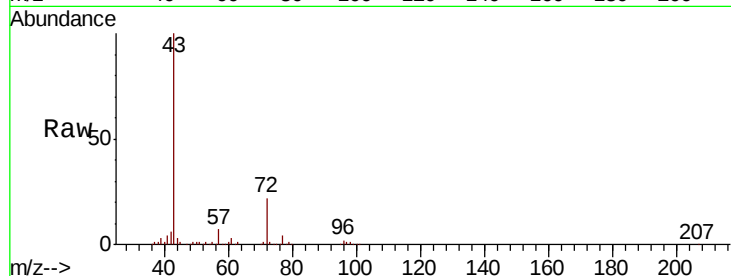
VSTDCCC050EC

Tot Ion: 43 Resp: 872862

Ion Ratio Lower Upper

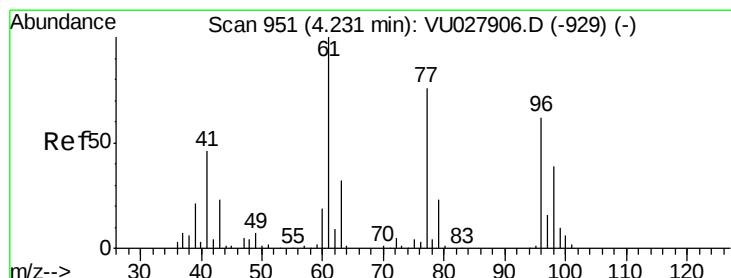
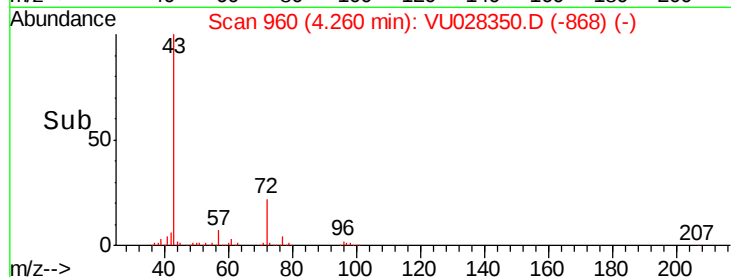
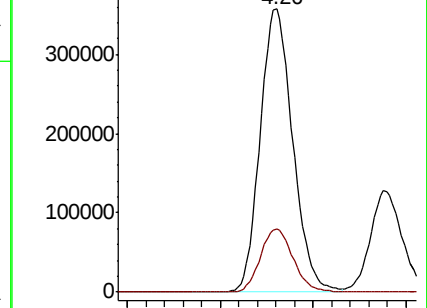
43 100

72 22.3 17.7 26.5



Abundance Ion 43.00 (42.70 to 43.70): VU028350.D (-868) (-)

Ion 72.00 (71.70 to 72.70): VU028350.D (-868) (-)



#26

2,2-Dichloropropane

Concen: 55.721 ug/l

RT: 4.22 min Scan# 949

Delta R.T. -0.01 min

Lab File: VU028350.D

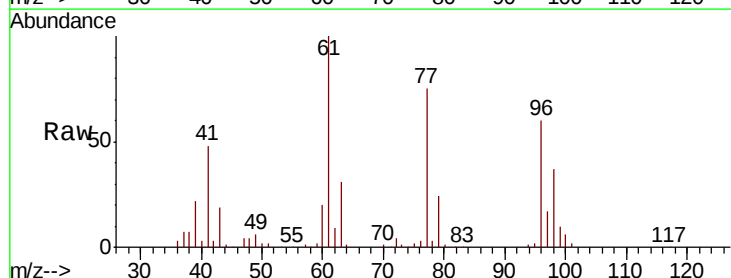
Acq: 27 Nov 2018 21:01

Tgt Ion: 77 Resp: 222444

Ion Ratio Lower Upper

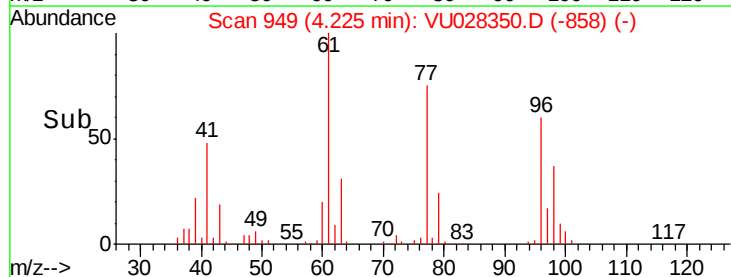
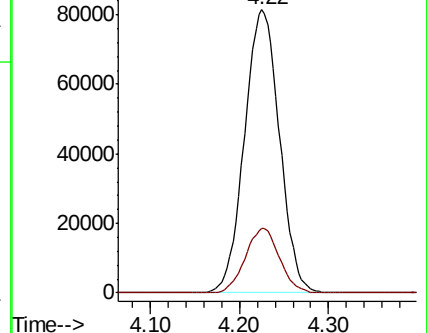
77 100

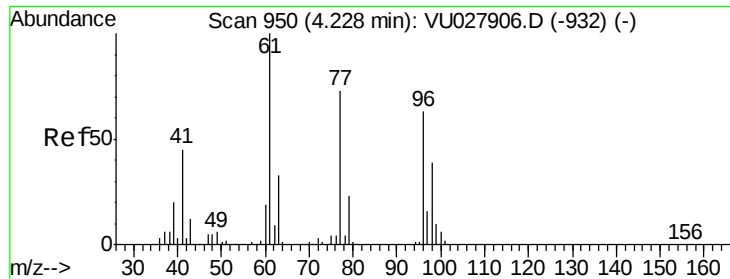
97 22.2 11.2 33.5



Abundance Ion 76.90 (76.60 to 77.60): VU028350.D (-858) (-)

Ion 96.90 (96.60 to 97.60): VU028350.D (-858) (-)



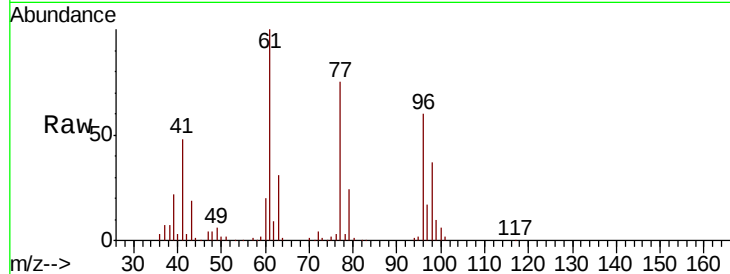


#27

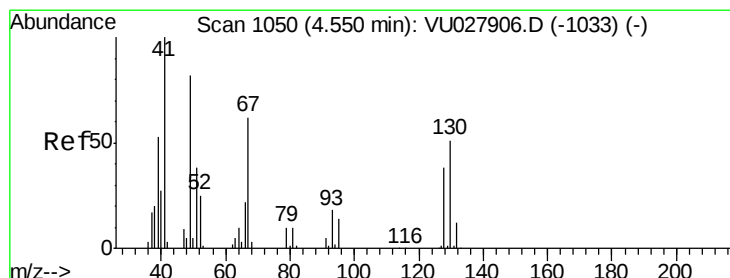
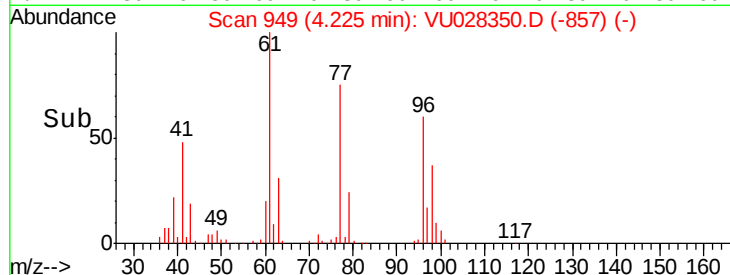
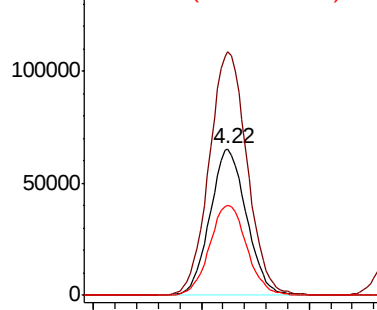
cis-1,2-Dichloroethene
 Concen: 56.109 ug/l
 RT: 4.22 min Scan# 949
 Delta R.T. -0.00 min
 Lab File: VU028350.D
 Acq: 27 Nov 2018 21:01

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
96	100		
61	173.0	0.0	329.6
98	63.0	0.0	127.2



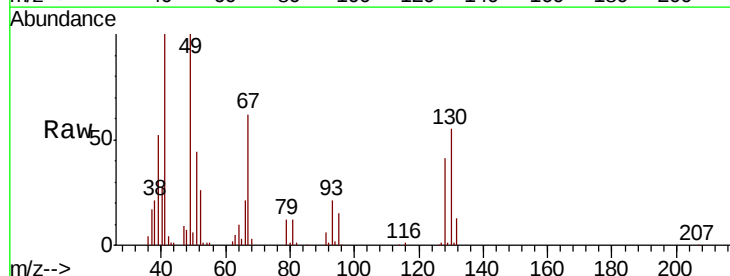
Abundance Ion 95.90 (95.60 to 96.60): VU0
 Ion 60.90 (60.60 to 61.60): VU0
 Ion 97.90 (97.60 to 98.60): VU0



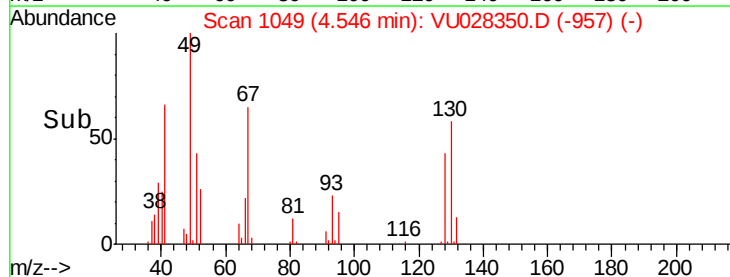
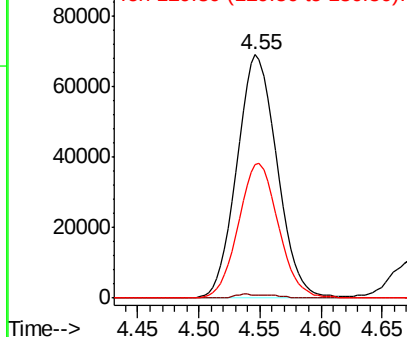
#28

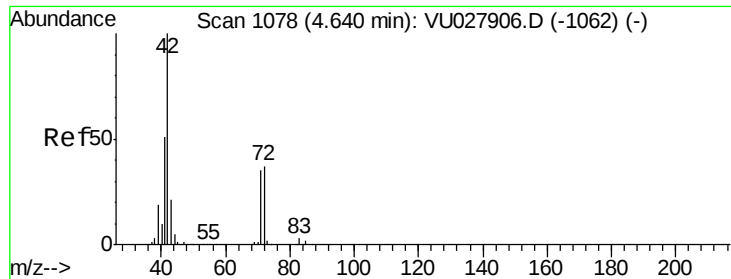
Bromochloromethane
 Concen: 63.265 ug/l
 RT: 4.55 min Scan# 1049
 Delta R.T. -0.00 min
 Lab File: VU028350.D
 Acq: 27 Nov 2018 21:01

Tgt Ion	Ratio	Lower	Upper
49	100		
129	1.6	0.0	3.0
130	55.0	47.8	71.6



Abundance Ion 48.90 (48.60 to 49.60): VU0
 Ion 128.80 (128.50 to 129.50): V
 Ion 129.80 (129.50 to 130.50): V

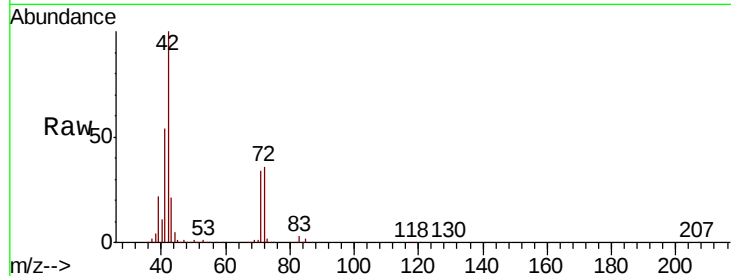




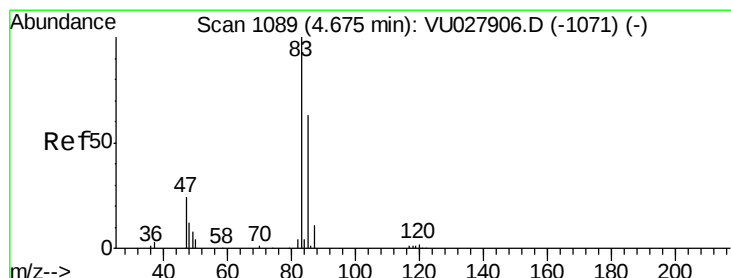
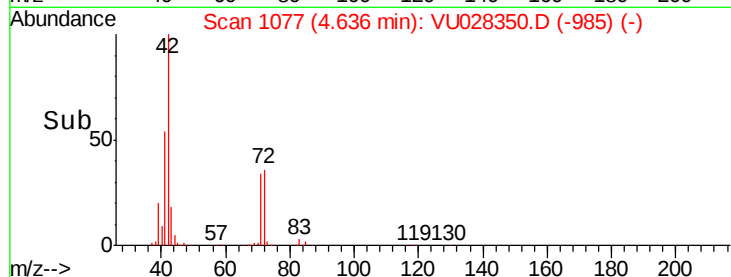
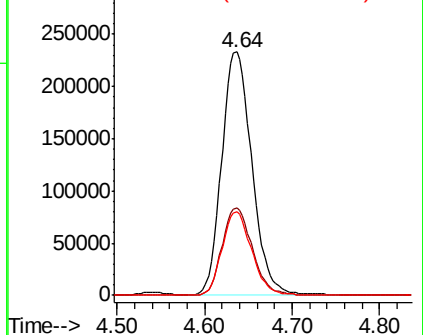
#29
Tetrahydrofuran
Concen: 281.815 ug/l
RT: 4.64 min Scan# 1077
Delta R.T. -0.00 min
Lab File: VU028350.D
Acq: 27 Nov 2018 21:01

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

Tot Ion: 42 Resp: 557700
Ion Ratio Lower Upper
42 100
72 36.3 29.4 44.0
71 34.0 27.9 41.9

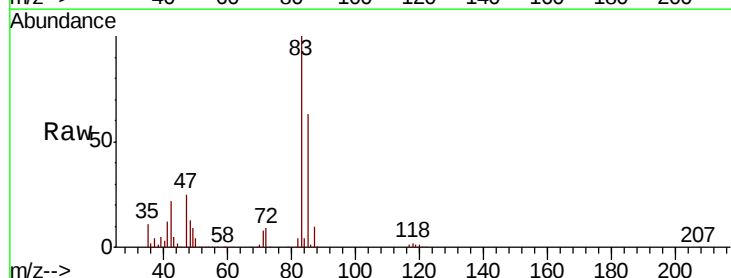


Abundance Ion 42.00 (41.70 to 42.70): VU0
Ion 72.00 (71.70 to 72.70): VU0
Ion 71.00 (70.70 to 71.70): VU0

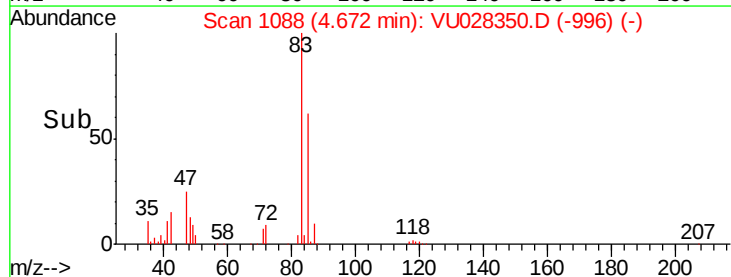
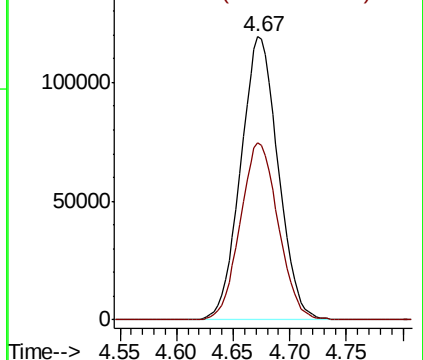


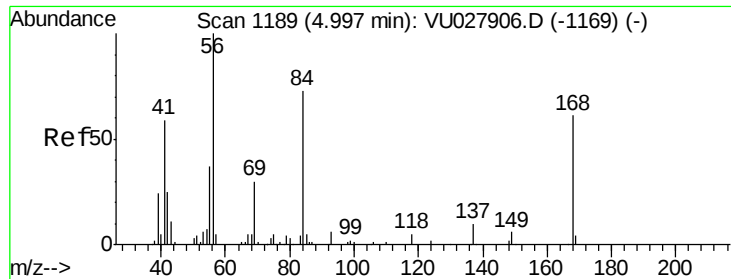
#30
Chloroform
Concen: 56.223 ug/l
RT: 4.67 min Scan# 1088
Delta R.T. -0.00 min
Lab File: VU028350.D
Acq: 27 Nov 2018 21:01

Tgt Ion: 83 Resp: 274229
Ion Ratio Lower Upper
83 100
85 62.7 50.6 76.0



Abundance Ion 82.90 (82.60 to 83.60): VU0
Ion 84.90 (84.60 to 85.60): VU0

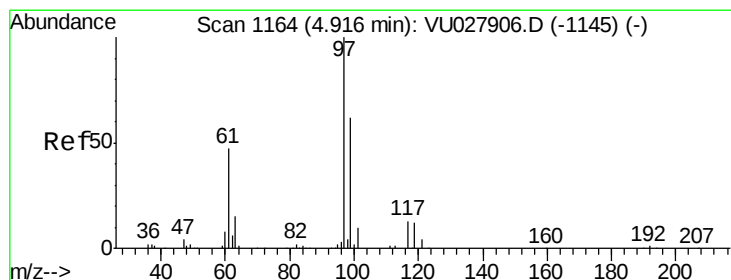
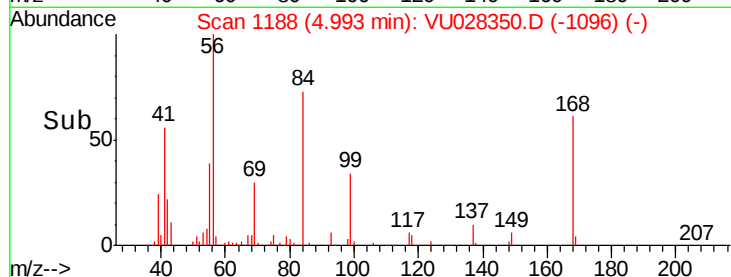
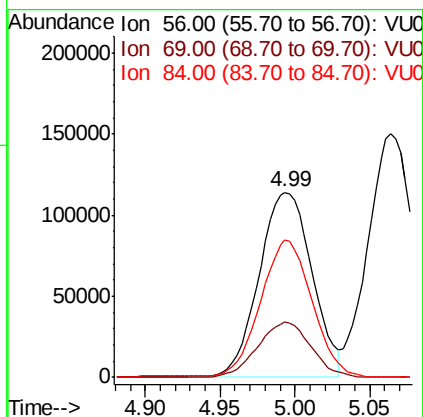
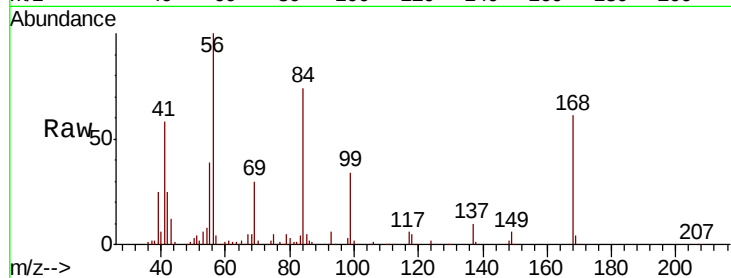




#31
Cyclohexane
Concen: 53.965 ug/l
RT: 4.99 min Scan# 1188
Delta R.T. -0.00 min
Lab File: VU028350.D
Acq: 27 Nov 2018 21:01

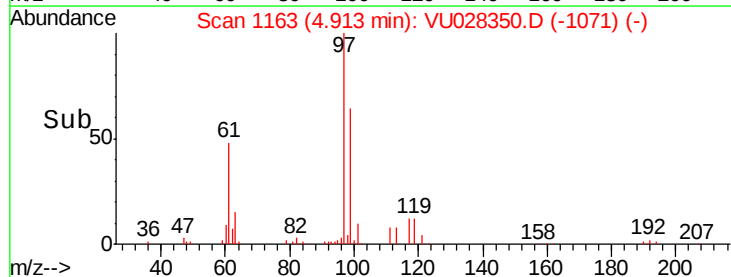
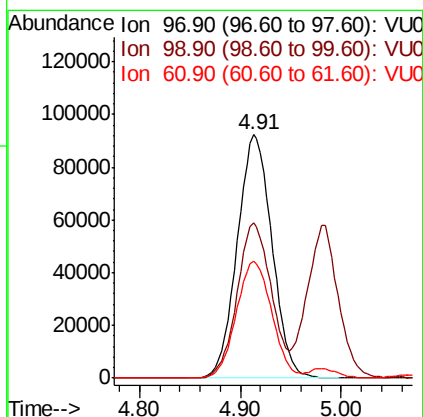
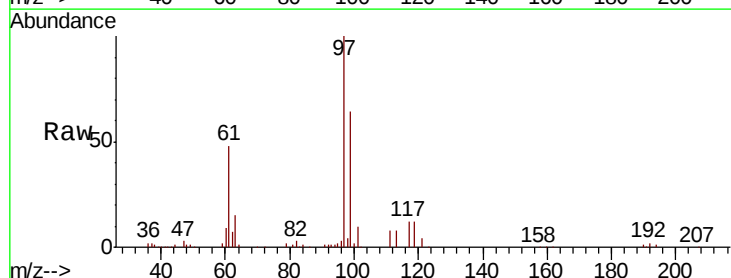
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

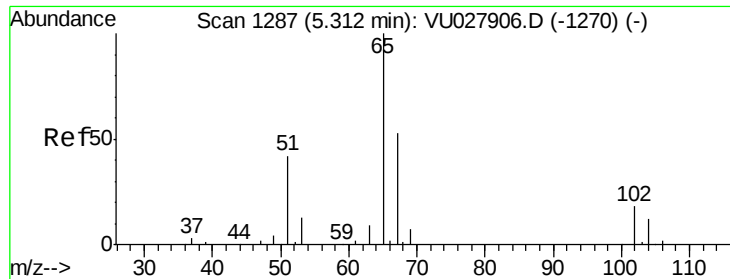
Tot Ion: 56 Resp: 281013
Ion Ratio Lower Upper
56 100
69 29.7 23.7 35.5
84 73.5 58.2 87.4



#32
1,1,1-Trichloroethane
Concen: 56.683 ug/l
RT: 4.91 min Scan# 1163
Delta R.T. -0.00 min
Lab File: VU028350.D
Acq: 27 Nov 2018 21:01

Tgt Ion: 97 Resp: 220079
Ion Ratio Lower Upper
97 100
99 63.1 50.5 75.7
61 49.2 38.3 57.5

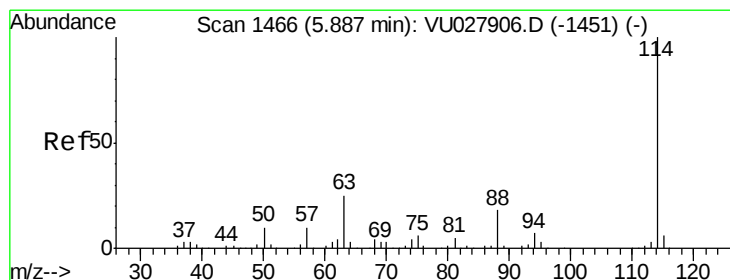
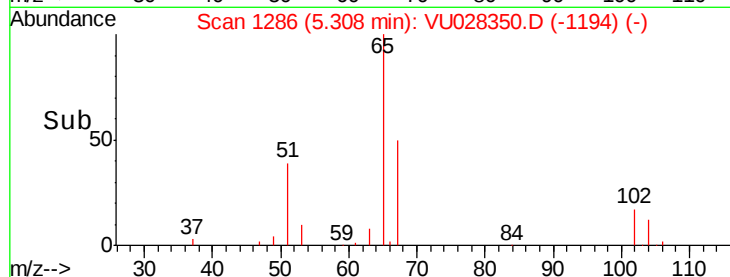
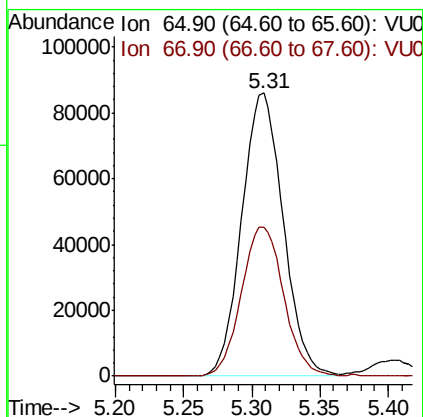
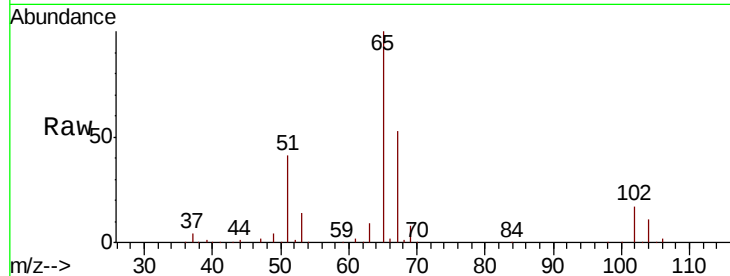




#33
 1,2-Dichloroethane-d4
 Concen: 60.490 ug/l
 RT: 5.31 min Scan# 1286
 Delta R.T. -0.00 min
 Lab File: VU028350.D
 Acq: 27 Nov 2018 21:01

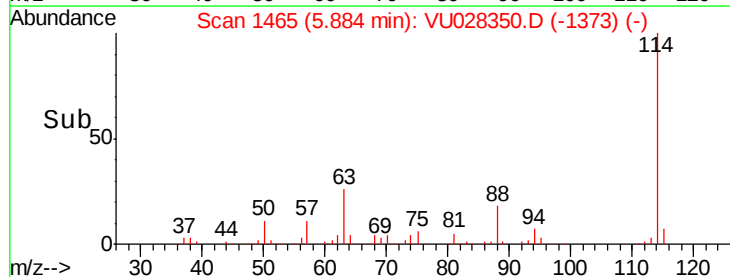
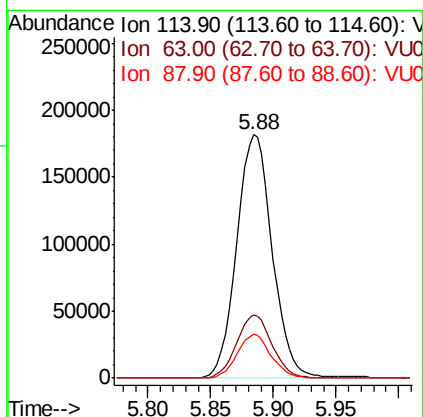
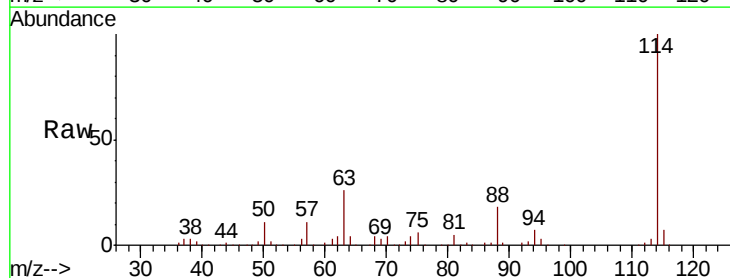
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050EC

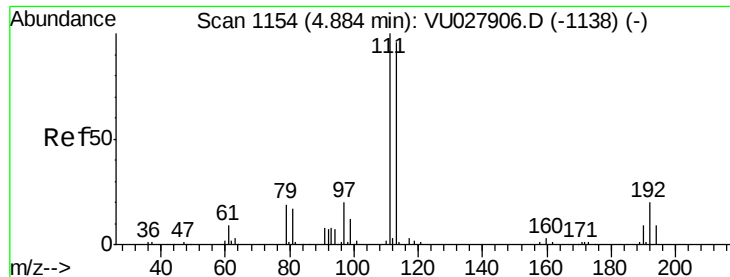
Tot Ion: 65 Resp: 181622
 Ion Ratio Lower Upper
 65 100
 67 53.8 0.0 109.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 5.88 min Scan# 1465
 Delta R.T. -0.00 min
 Lab File: VU028350.D
 Acq: 27 Nov 2018 21:01

Tgt Ion: 114 Resp: 357919
 Ion Ratio Lower Upper
 114 100
 63 25.9 0.0 50.8
 88 17.9 0.0 35.8

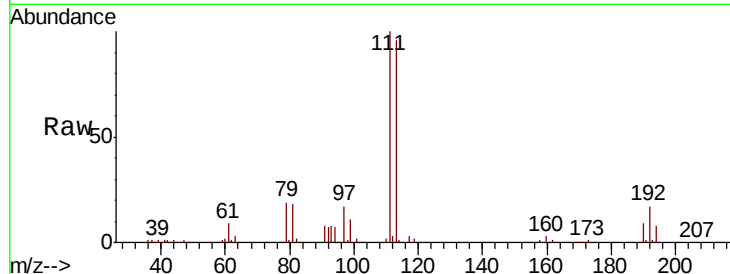




#35
Dibromofluoromethane
Concen: 57.092 ug/l
RT: 4.88 min Scan# 1153
Delta R.T. -0.00 min
Lab File: VU028350.D
Acq: 27 Nov 2018 21:01

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
113	100		
111	103.5	83.0	124.6
192	18.4	15.6	23.4

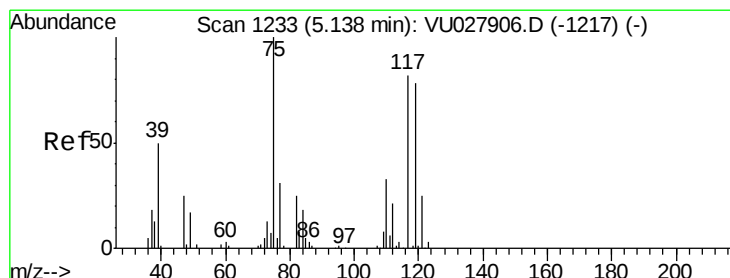
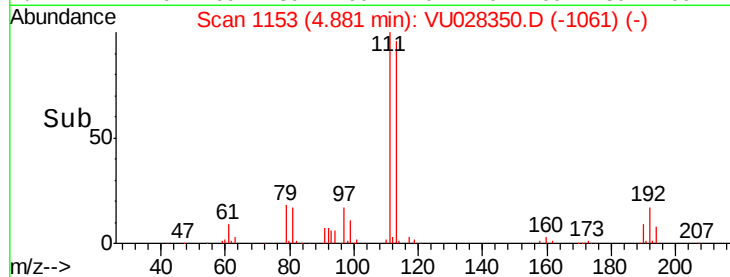
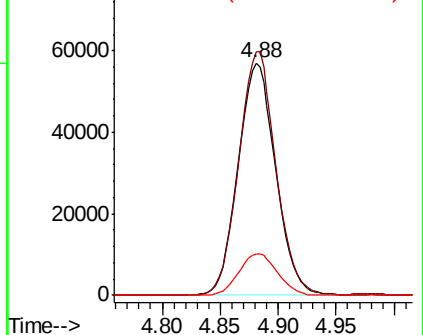


Abundance

Ion 112.80 (112.50 to 113.50): V

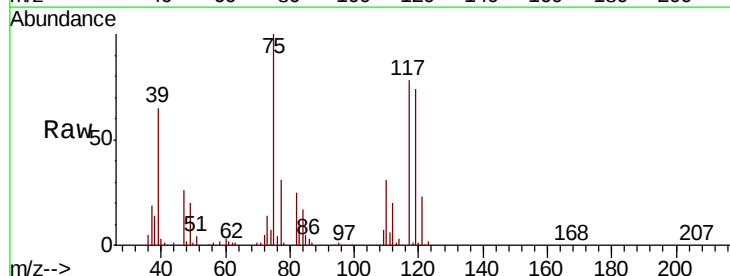
Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36
1,1-Dichloropropene
Concen: 54.821 ug/l
RT: 5.13 min Scan# 1232
Delta R.T. -0.00 min
Lab File: VU028350.D
Acq: 27 Nov 2018 21:01

Tgt Ion	Ratio	Lower	Upper
75	100		
110	31.1	16.5	49.5
77	30.2	24.9	37.3

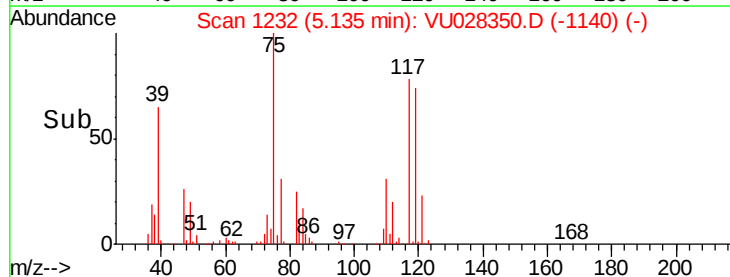
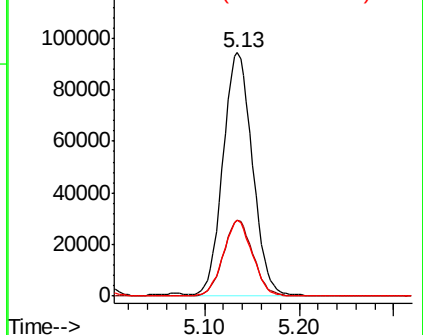


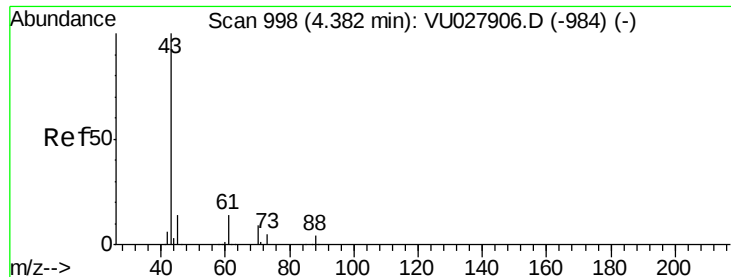
Abundance

Ion 74.90 (74.60 to 75.60): VU0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VU0

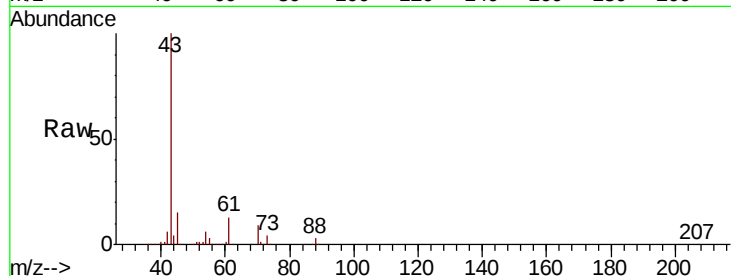




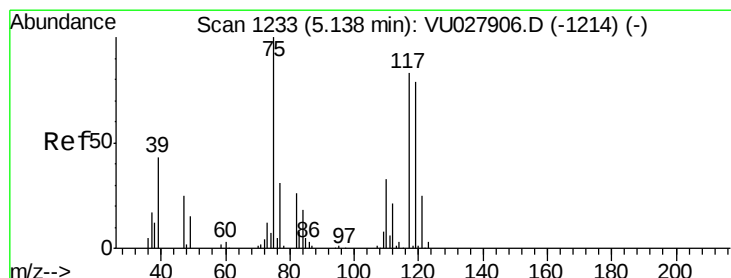
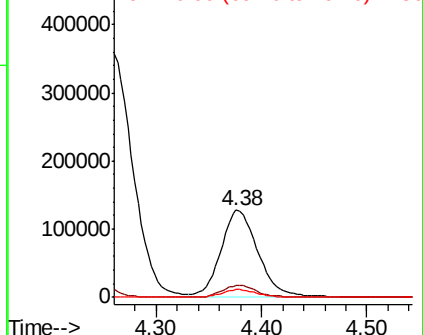
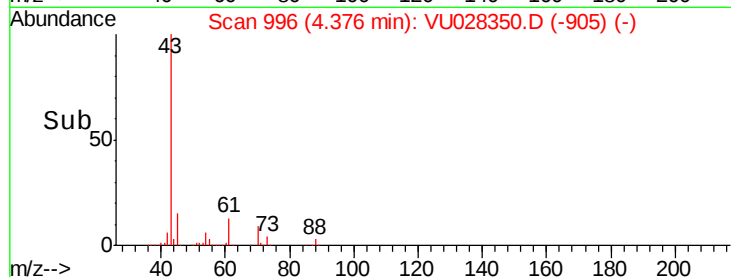
#37
Ethyl Acetate
Concen: 55.654 ug/l
RT: 4.38 min Scan# 996
Delta R.T. -0.01 min
Lab File: VU028350.D
Acq: 27 Nov 2018 21:01

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

Tot Ion: 43 Resp: 305684
Ion Ratio Lower Upper
43 100
61 12.8 10.3 15.5
70 8.7 7.0 10.6

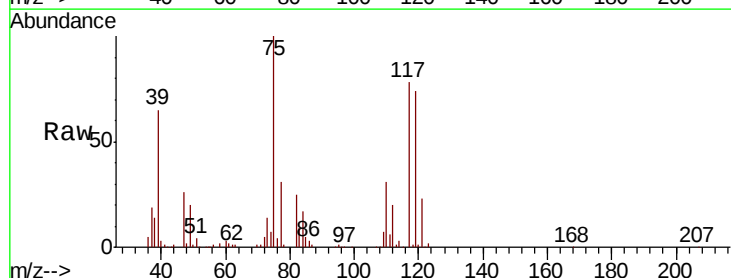


Abundance Ion 43.00 (42.70 to 43.70): VU0
Ion 60.90 (60.60 to 61.60): VU0
Ion 70.00 (69.70 to 70.70): VU0

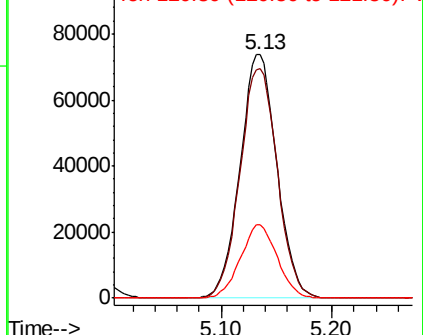
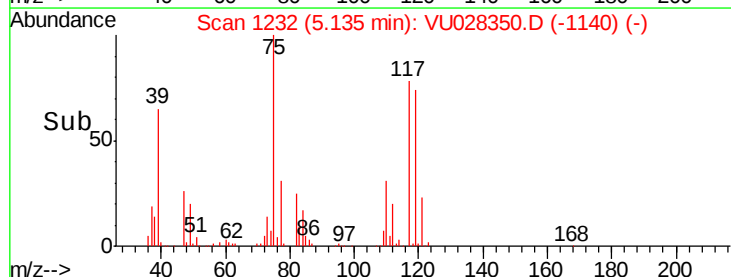


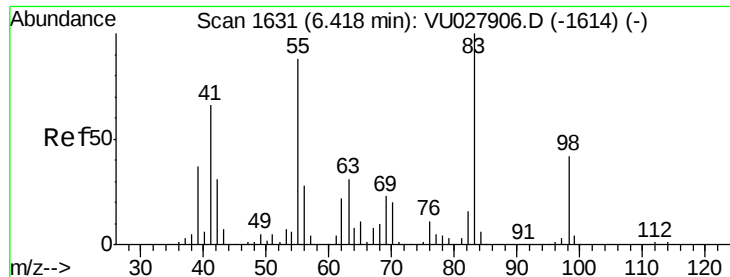
#38
Carbon Tetrachloride
Concen: 51.179 ug/l
RT: 5.13 min Scan# 1232
Delta R.T. -0.00 min
Lab File: VU028350.D
Acq: 27 Nov 2018 21:01

Tgt Ion: 117 Resp: 170018
Ion Ratio Lower Upper
117 100
119 94.3 76.0 114.0
121 29.9 24.5 36.7



Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

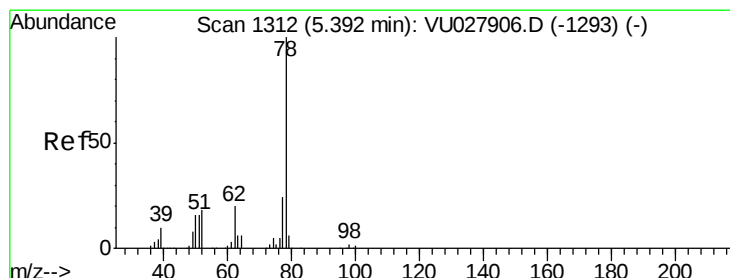
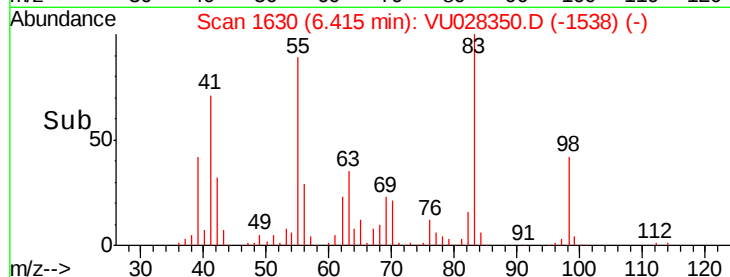
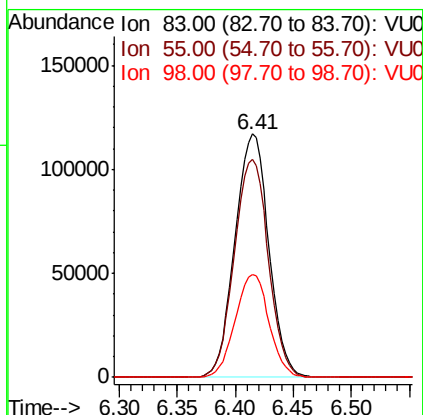
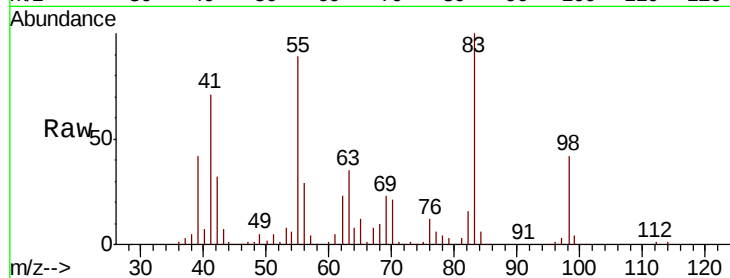




#39
Methvlcvclohexane
Concen: 52.540 ug/l
RT: 6.41 min Scan# 1630
Delta R.T. -0.00 min
Lab File: VU028350.D
Acq: 27 Nov 2018 21:01

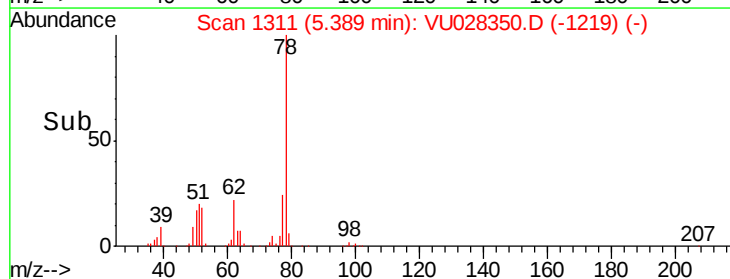
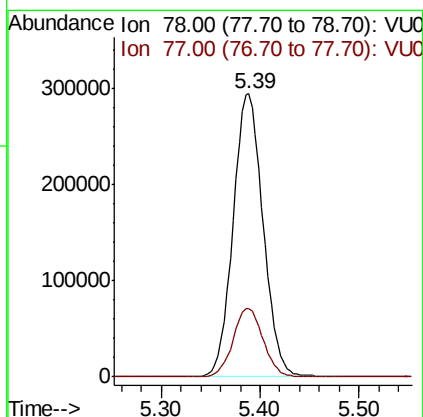
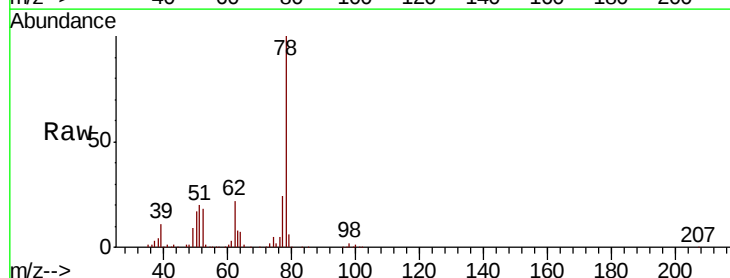
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

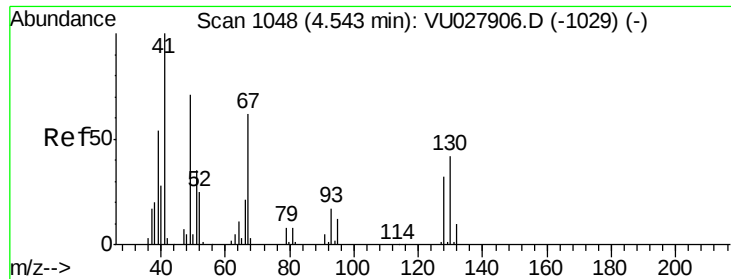
Tot Ion: 83 Resp: 237547
Ion Ratio Lower Upper
83 100
55 89.4 70.3 105.5
98 42.1 34.0 51.0



#40
Benzene
Concen: 54.194 ug/l
RT: 5.39 min Scan# 1311
Delta R.T. -0.00 min
Lab File: VU028350.D
Acq: 27 Nov 2018 21:01

Tgt Ion: 78 Resp: 621118
Ion Ratio Lower Upper
78 100
77 24.2 19.3 28.9

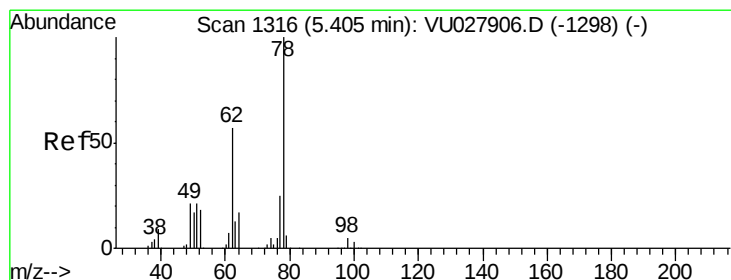
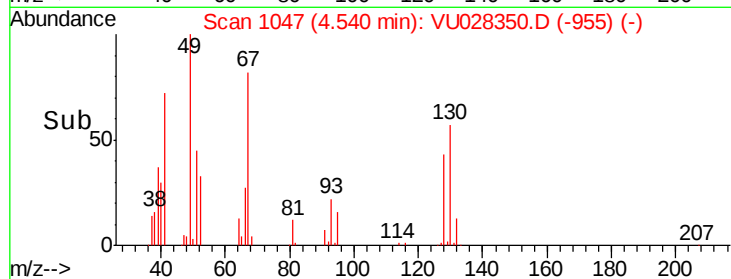
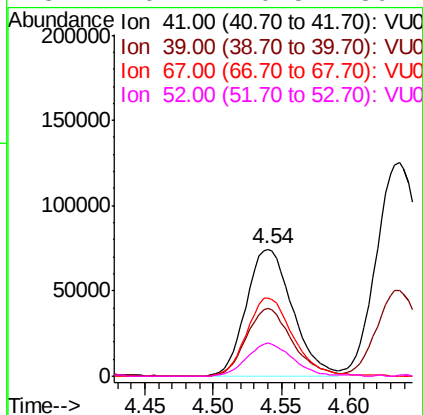
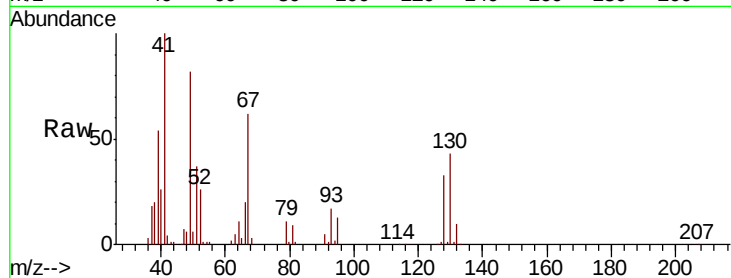




#41
Methacrylonitrile
Concen: 59.982 ug/l
RT: 4.54 min Scan# 1047
Delta R.T. -0.00 min
Lab File: VU028350.D
Acq: 27 Nov 2018 21:01

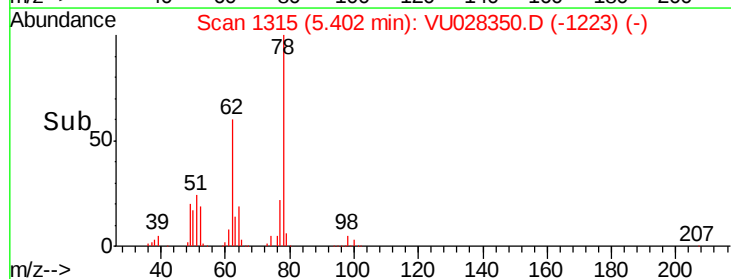
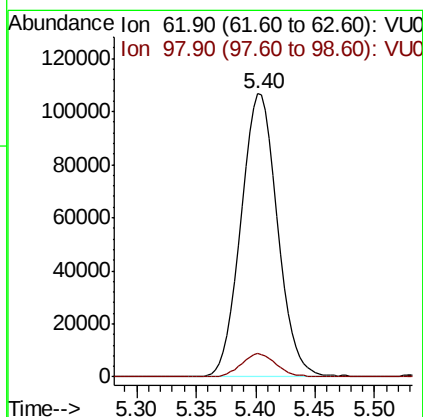
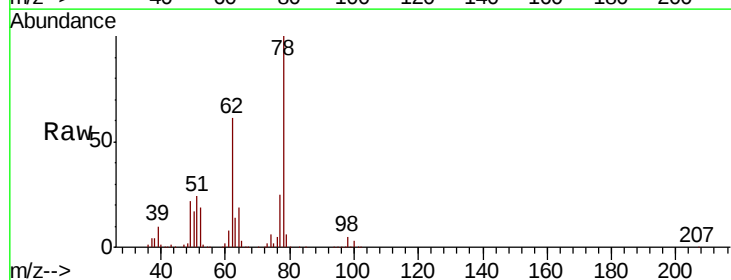
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

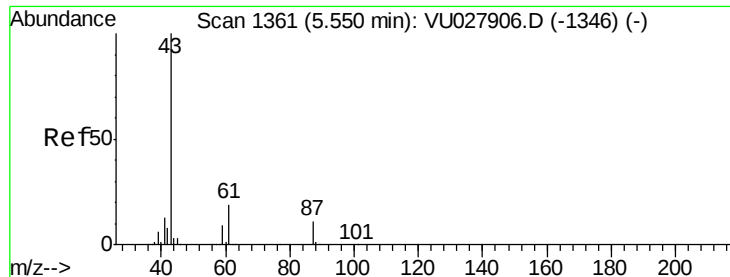
Tot Ion:	41	Resp:	175819
Ion	Ratio	Lower	Upper
41	100		
39	52.5	42.2	63.4
67	62.0	49.5	74.3
52	26.2	20.5	30.7



#42
1,2-Dichloroethane
Concen: 55.801 ug/l
RT: 5.40 min Scan# 1315
Delta R.T. -0.00 min
Lab File: VU028350.D
Acq: 27 Nov 2018 21:01

Tgt Ion:	62	Resp:	227326
Ion	Ratio	Lower	Upper
62	100		
98	7.9	0.0	17.2





#43

Isopropyl Acetate

Concen: 55.889 ug/l

RT: 5.55 min Scan# 1360

Delta R.T. -0.00 min

Lab File: VU028350.D

Acq: 27 Nov 2018 21:01

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050EC

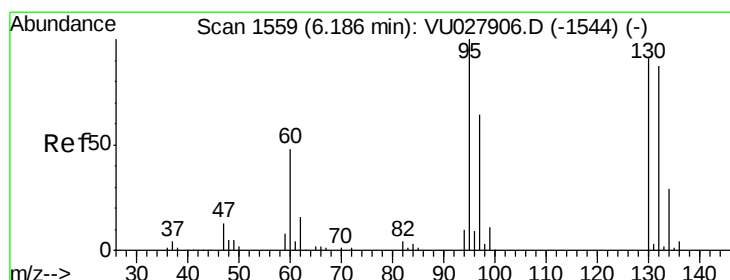
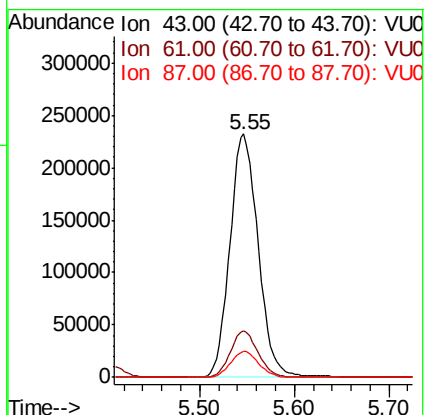
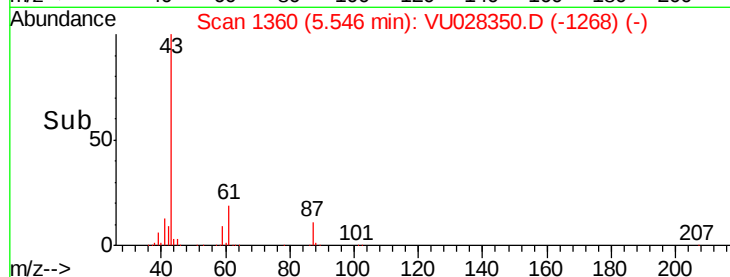
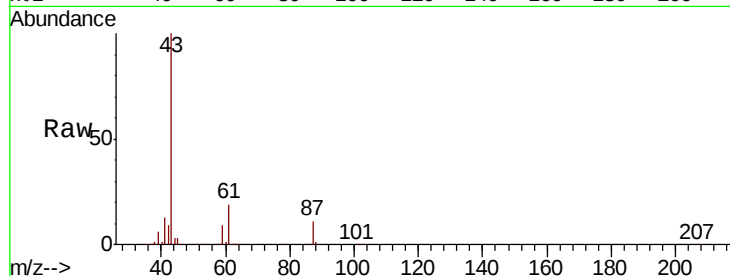
Tot Ion: 43 Resp: 480938

Ion Ratio Lower Upper

43 100

61 18.7 15.0 22.4

87 10.7 8.6 12.8



#44

Trichloroethene

Concen: 53.707 ug/l

RT: 6.19 min Scan# 1559

Delta R.T. 0.00 min

Lab File: VU028350.D

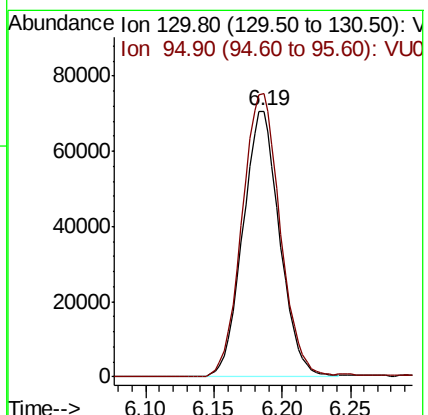
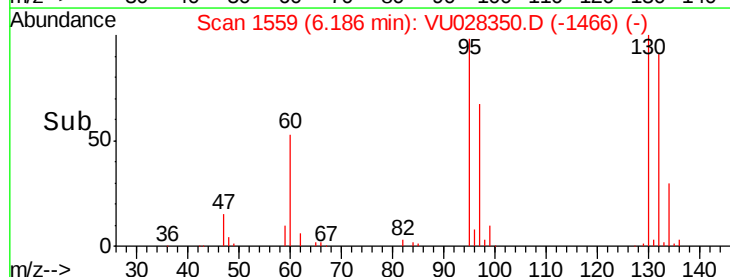
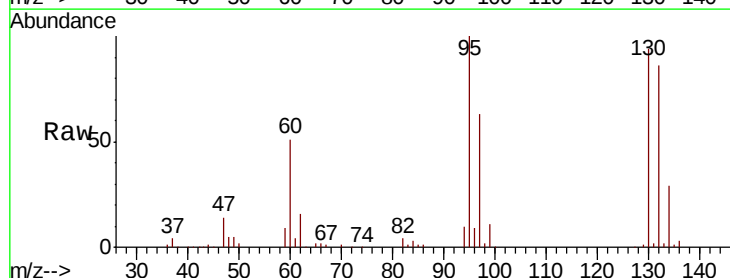
Acq: 27 Nov 2018 21:01

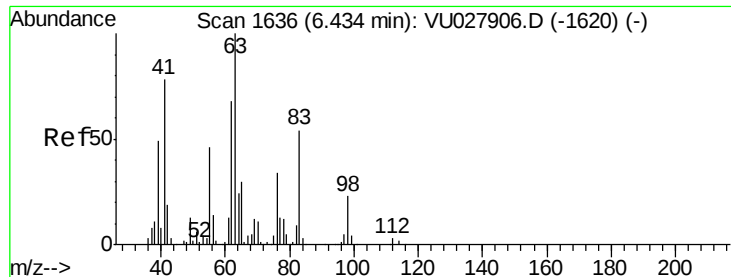
Tgt Ion: 130 Resp: 132311

Ion Ratio Lower Upper

130 100

95 106.5 0.0 219.2





#45

1,2-Dichloropropane

Concen: 56.646 ug/l

RT: 6.43 min Scan# 1635

Delta R.T. -0.00 min

Lab File: VU028350.D

Acq: 27 Nov 2018 21:01

Instrument :

MSVOA_U

ClientSampleId :

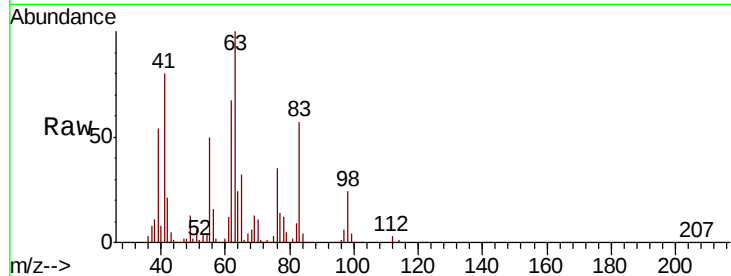
VSTDCCC050EC

Tot Ion: 63 Resp: 187231

Ion Ratio Lower Upper

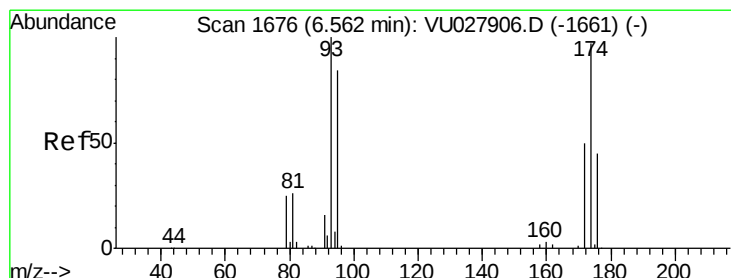
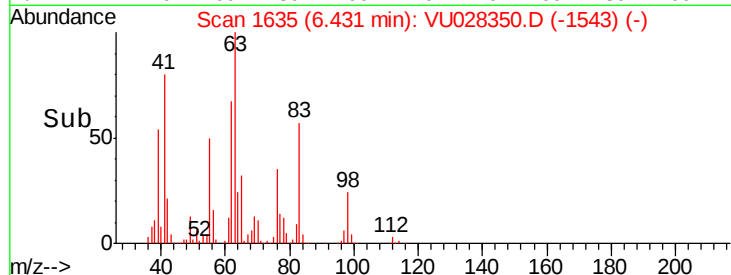
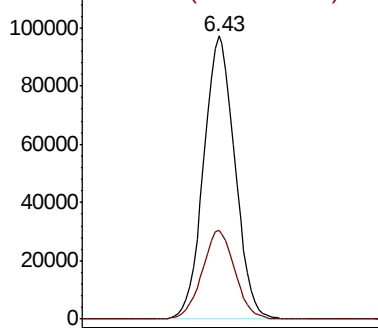
63 100

65 31.5 24.4 36.6



Abundance Ion 62.90 (62.60 to 63.60): VU0

Ion 64.90 (64.60 to 65.60): VU0



#46

Dibromomethane

Concen: 56.050 ug/l

RT: 6.56 min Scan# 1675

Delta R.T. -0.00 min

Lab File: VU028350.D

Acq: 27 Nov 2018 21:01

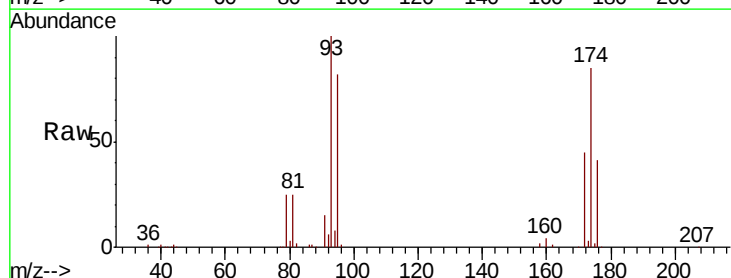
Tgt Ion: 93 Resp: 106488

Ion Ratio Lower Upper

93 100

95 82.2 68.5 102.7

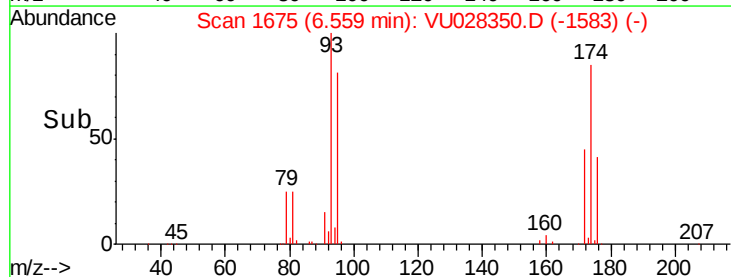
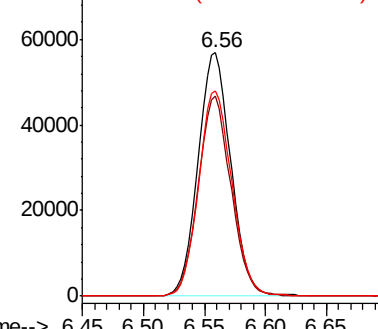
174 85.5 76.1 114.1

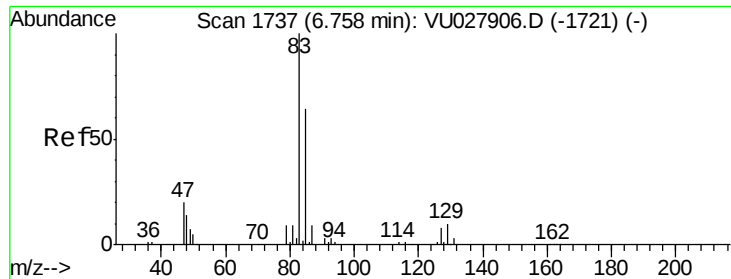


Abundance Ion 92.80 (92.50 to 93.50): VU0

Ion 94.80 (94.50 to 95.50): VU0

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 57.816 ug/l

RT: 6.76 min Scan# 1736

Delta R.T. -0.00 min

Lab File: VU028350.D

Acq: 27 Nov 2018 21:01

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050EC

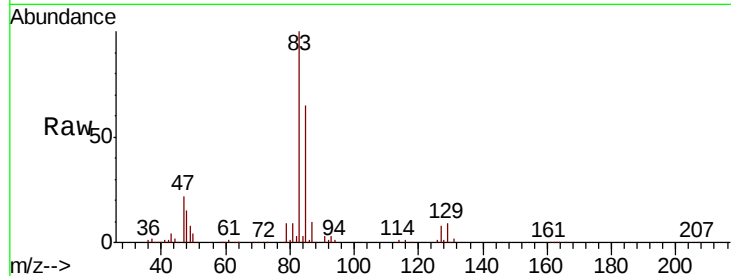
Tot Ion: 83 Resp: 211681

Ion Ratio Lower Upper

83 100

85 64.8 51.0 76.6

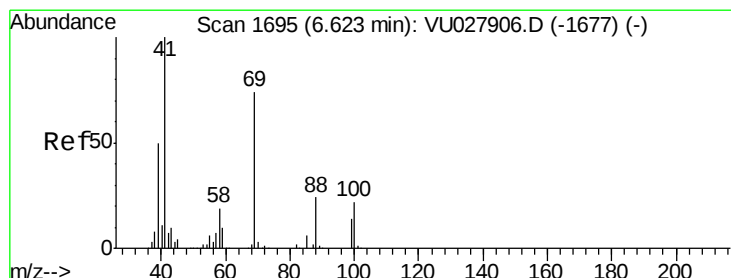
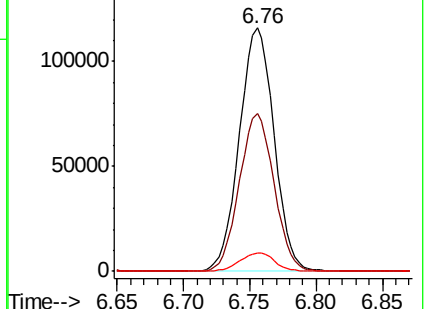
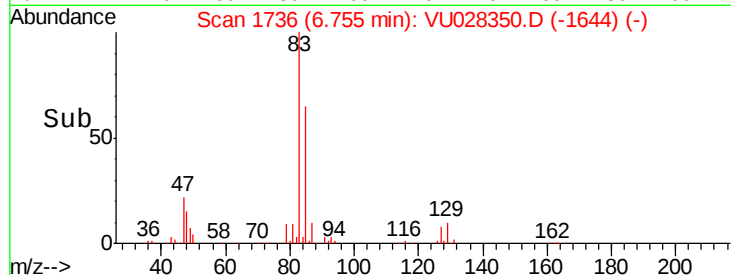
127 7.6 6.2 9.4



Abundance Ion 82.90 (82.60 to 83.60): VU028350.D (-1644) (-)

Ion 84.90 (84.60 to 85.60): VU028350.D (-1644) (-)

Ion 126.80 (126.50 to 127.50): VU028350.D (-1644) (-)



#48

Methyl methacrylate

Concen: 58.656 ug/l

RT: 6.62 min Scan# 1694

Delta R.T. -0.00 min

Lab File: VU028350.D

Acq: 27 Nov 2018 21:01

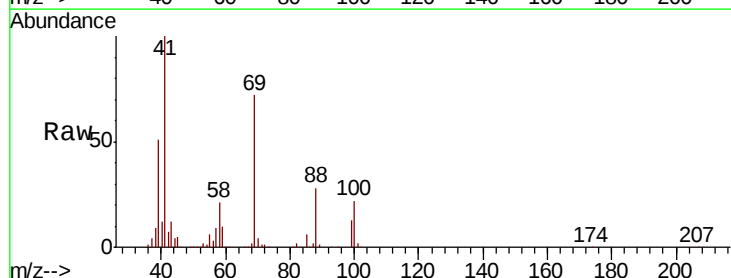
Tgt Ion: 41 Resp: 247348

Ion Ratio Lower Upper

41 100

69 71.7 59.8 89.8

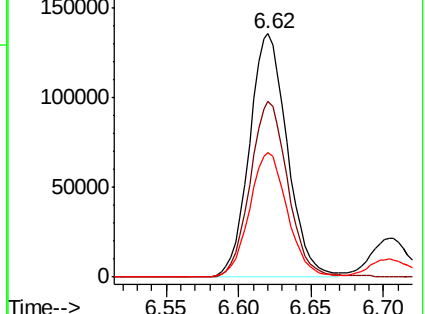
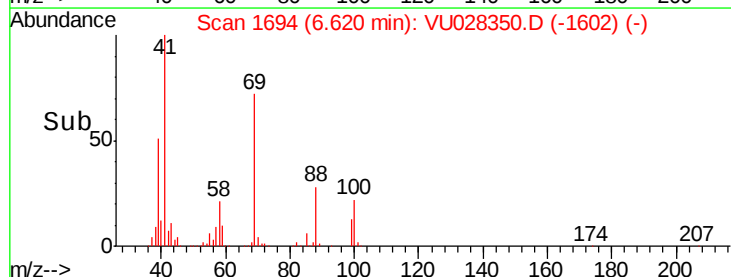
39 50.8 40.0 60.0

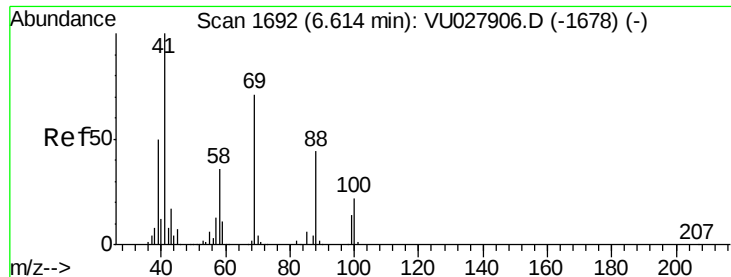


Abundance Ion 41.00 (40.70 to 41.70): VU028350.D (-1602) (-)

Ion 69.00 (68.70 to 69.70): VU028350.D (-1602) (-)

Ion 39.00 (38.70 to 39.70): VU028350.D (-1602) (-)

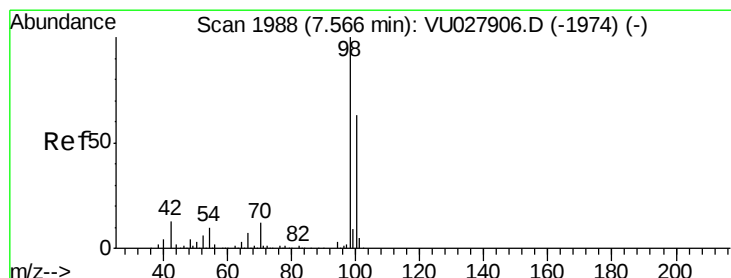
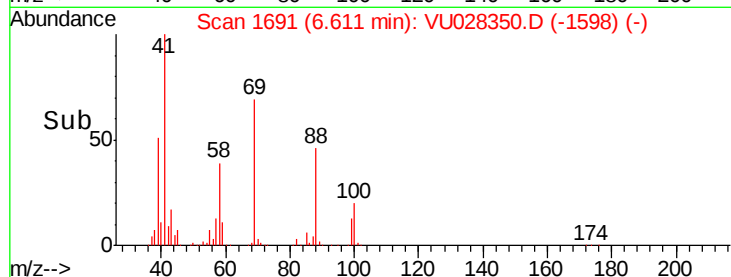
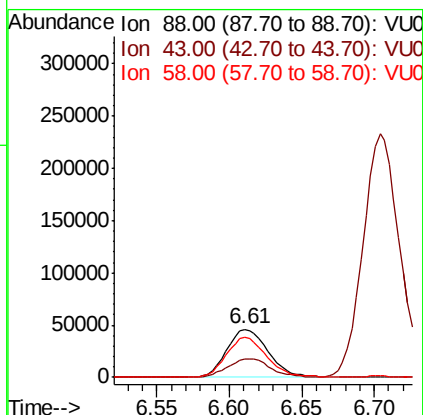
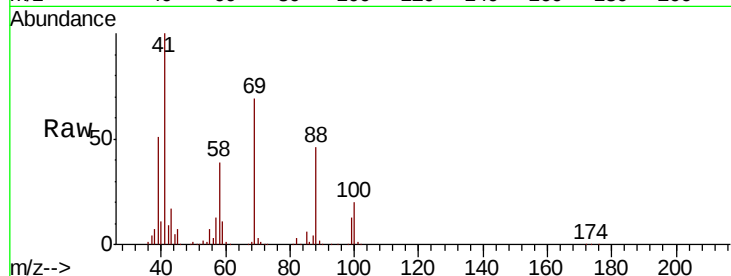




#49
1,4-Dioxane
Concen: 1317.227 ug/l
RT: 6.61 min Scan# 1691
Delta R.T. -0.00 min
Lab File: VU028350.D
Acq: 27 Nov 2018 21:01

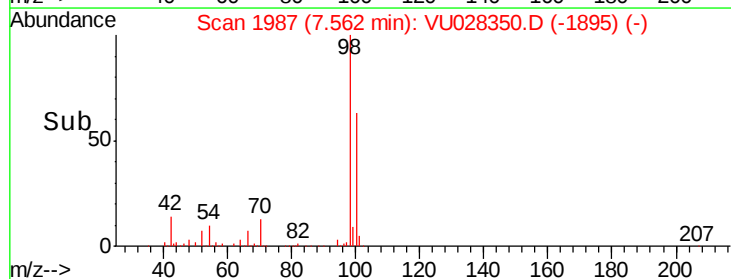
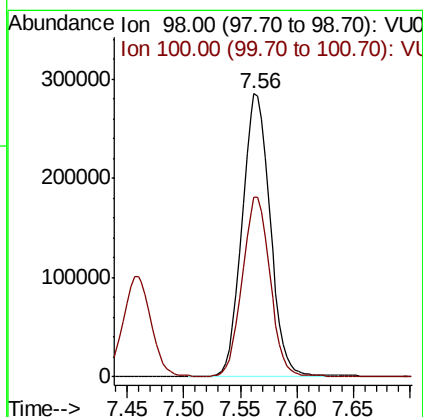
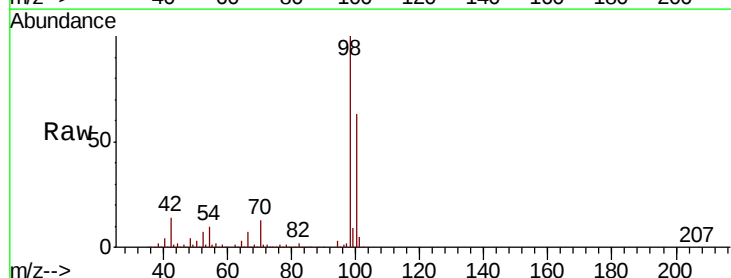
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

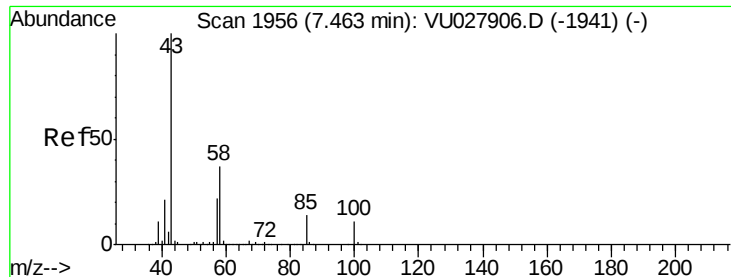
Tot Ion: 88 Resp: 90624
Ion Ratio Lower Upper
88 100
43 38.8 30.5 45.7
58 82.1 67.1 100.7



#50
Toluene-d8
Concen: 56.667 ug/l
RT: 7.56 min Scan# 1987
Delta R.T. -0.00 min
Lab File: VU028350.D
Acq: 27 Nov 2018 21:01

Tgt Ion: 98 Resp: 493995
Ion Ratio Lower Upper
98 100
100 62.5 50.1 75.1





#51

4-Methyl-2-Pentanone

Concen: 283.943 ug/l

RT: 7.46 min Scan# 1955

Delta R.T. -0.00 min

Lab File: VU028350.D

Acq: 27 Nov 2018 21:01

Instrument :

MSVOA_U

ClientSampleId :

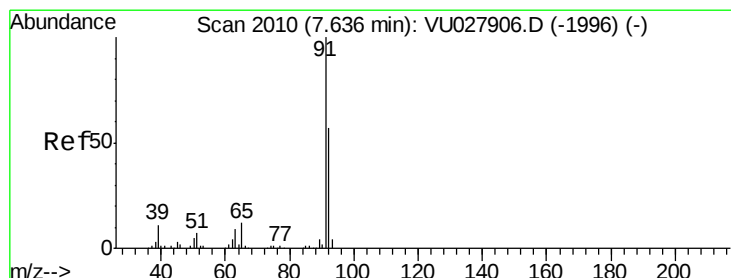
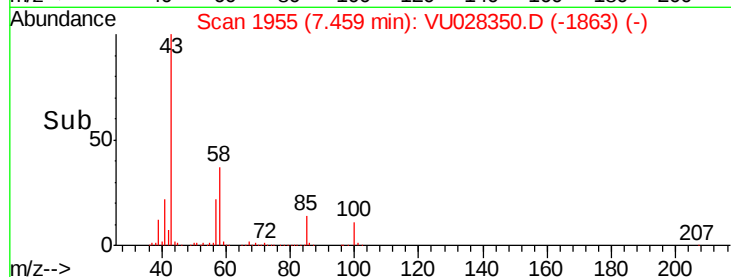
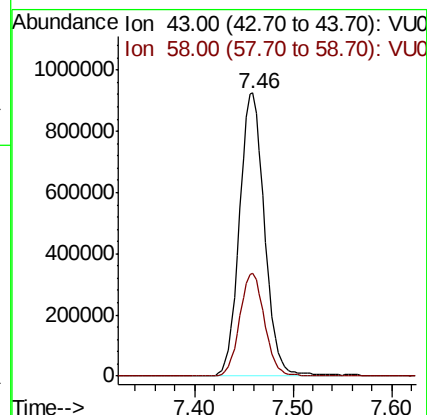
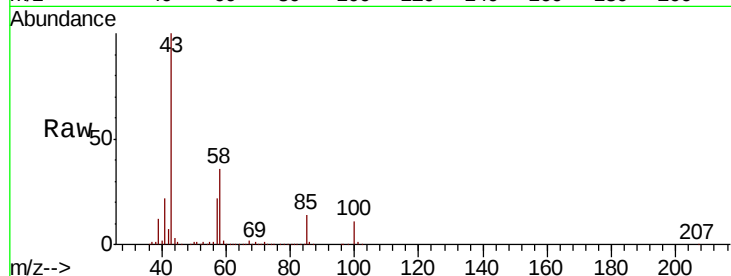
VSTDCCC050EC

Tot Ion: 43 Resp: 1631773

Ion Ratio Lower Upper

43 100

58 36.1 29.5 44.3



#52

Toluene

Concen: 54.005 ug/l

RT: 7.64 min Scan# 2010

Delta R.T. 0.00 min

Lab File: VU028350.D

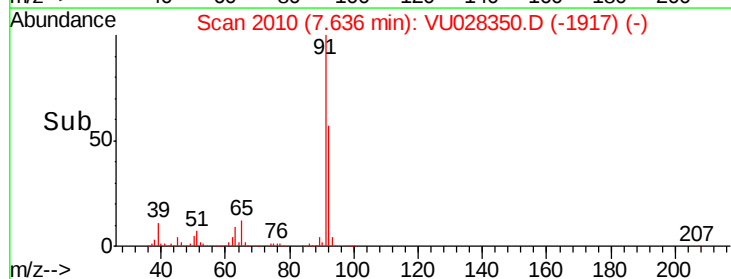
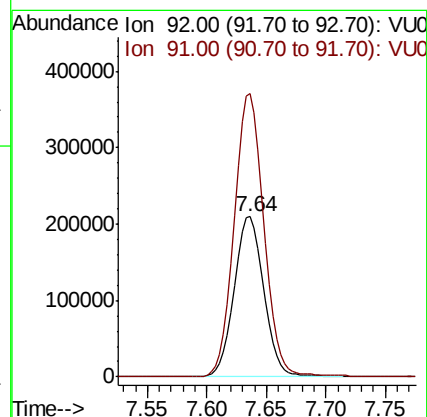
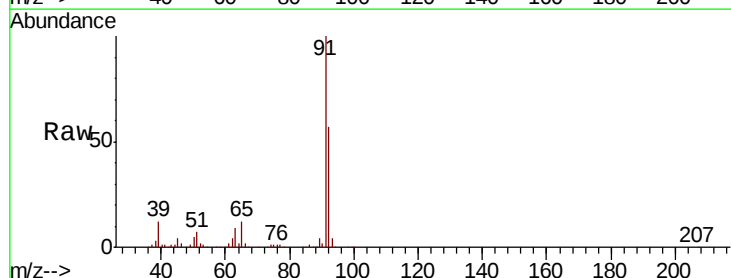
Acq: 27 Nov 2018 21:01

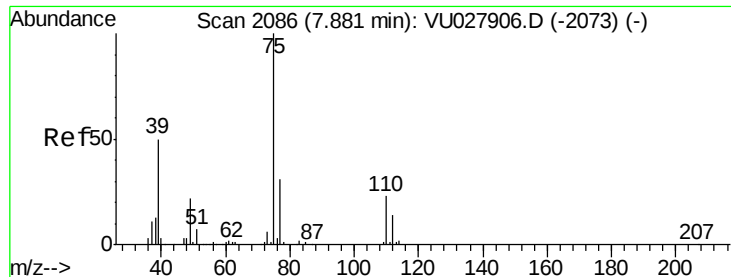
Tgt Ion: 92 Resp: 363874

Ion Ratio Lower Upper

92 100

91 176.5 141.2 211.8

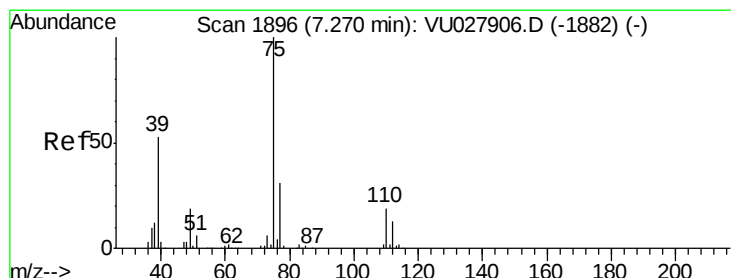
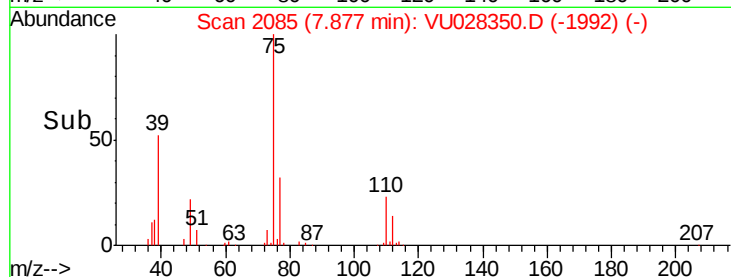
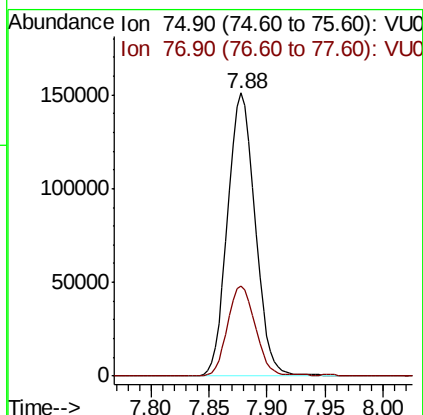
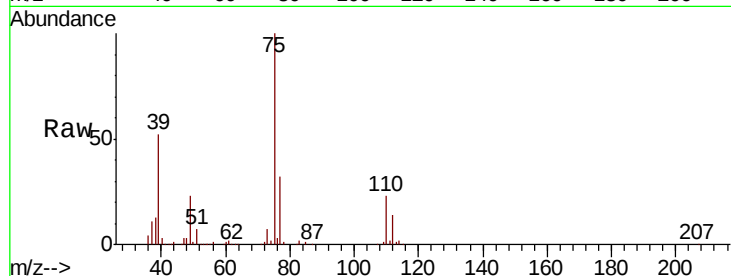




#53
t-1,3-Dichloropropene
Concen: 54.626 ug/l
RT: 7.88 min Scan# 2085
Delta R.T. -0.00 min
Lab File: VU028350.D
Acq: 27 Nov 2018 21:01

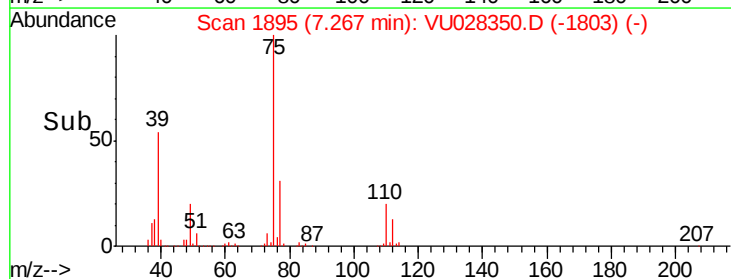
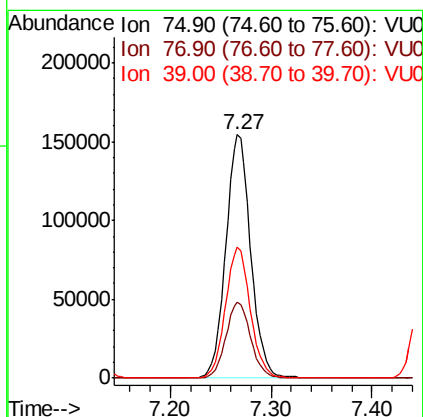
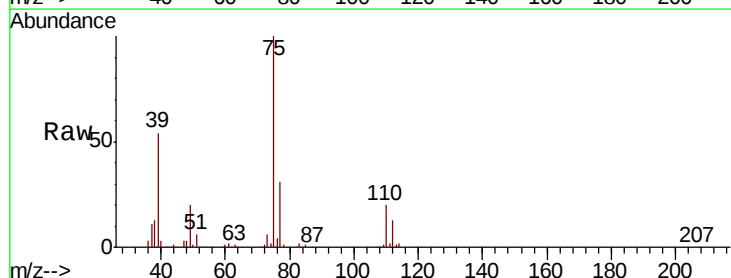
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

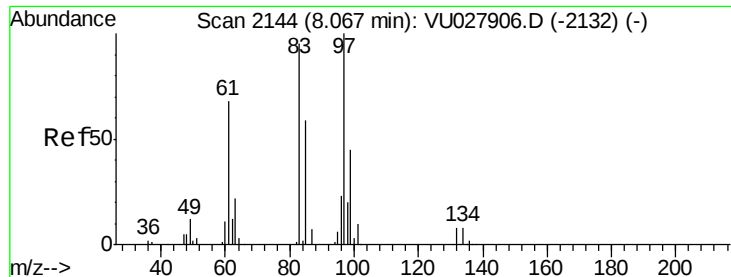
Tot Ion: 75 Resp: 248501
Ion Ratio Lower Upper
75 100
77 31.7 25.1 37.7



#54
cis-1,3-Dichloropropene
Concen: 58.822 ug/l
RT: 7.27 min Scan# 1895
Delta R.T. -0.00 min
Lab File: VU028350.D
Acq: 27 Nov 2018 21:01

Tgt Ion: 75 Resp: 265493
Ion Ratio Lower Upper
75 100
77 31.1 24.6 37.0
39 53.5 42.6 64.0

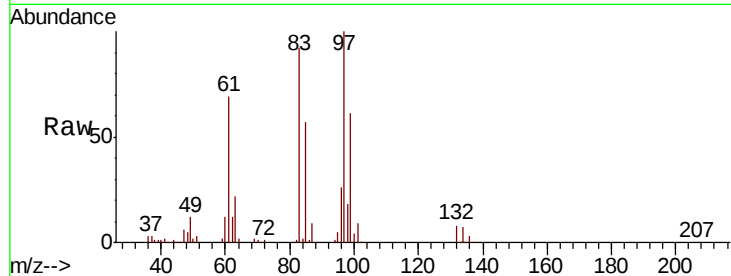




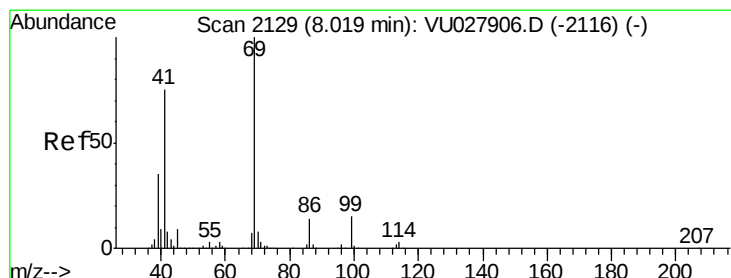
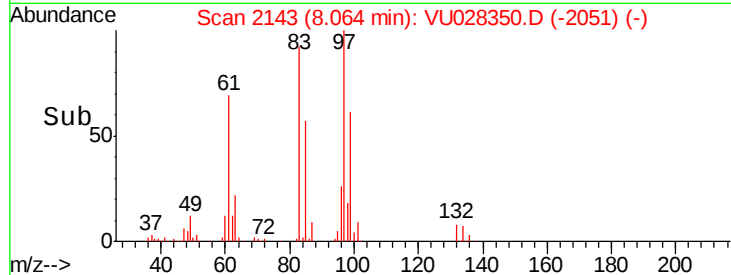
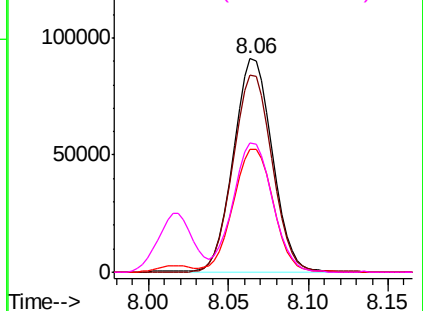
#55
 1,1,2-Trichloroethane
 Concen: 54.766 ug/l
 RT: 8.06 min Scan# 2143
 Delta R.T. -0.00 min
 Lab File: VU028350.D
 Acq: 27 Nov 2018 21:01

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050EC

Tot Ion:	97	Resp:	150127
Ion	Ratio	Lower	Upper
97	100		
83	92.5	76.1	114.1
85	57.3	48.9	73.3
99	60.6	52.0	78.0

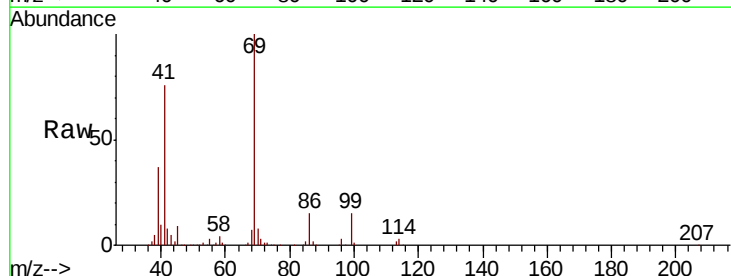


Abundance Ion 96.90 (96.60 to 97.60): VU0
 Ion 82.90 (82.60 to 83.60): VU0
 Ion 84.90 (84.60 to 85.60): VU0
 Ion 98.90 (98.60 to 99.60): VU0

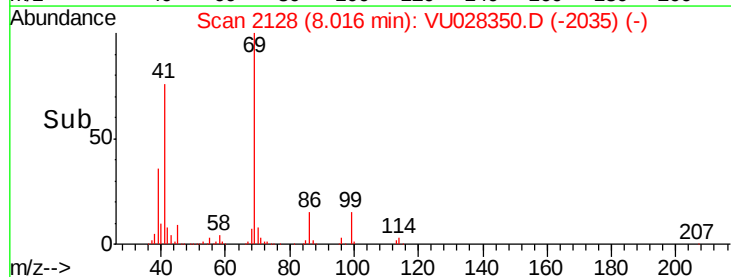
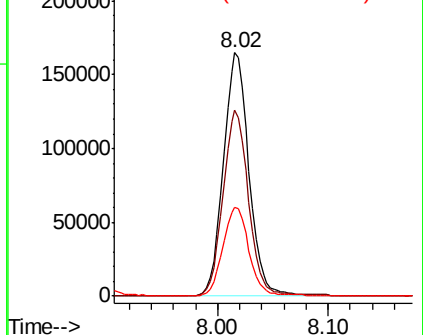


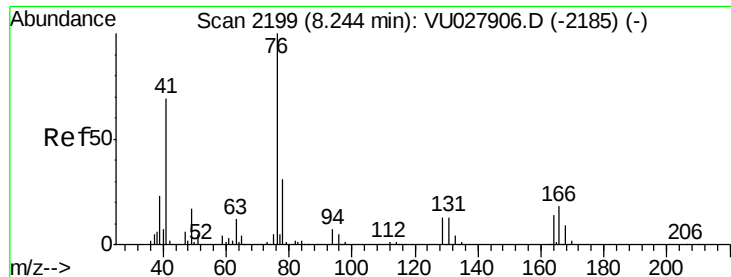
#56
 Ethyl methacrylate
 Concen: 54.952 ug/l
 RT: 8.02 min Scan# 2128
 Delta R.T. -0.00 min
 Lab File: VU028350.D
 Acq: 27 Nov 2018 21:01

Tgt Ion:	69	Resp:	265646
Ion	Ratio	Lower	Upper
69	100		
41	76.2	59.8	89.6
39	36.9	28.6	42.8



Abundance Ion 69.00 (68.70 to 69.70): VU0
 Ion 41.00 (40.70 to 41.70): VU0
 Ion 39.00 (38.70 to 39.70): VU0

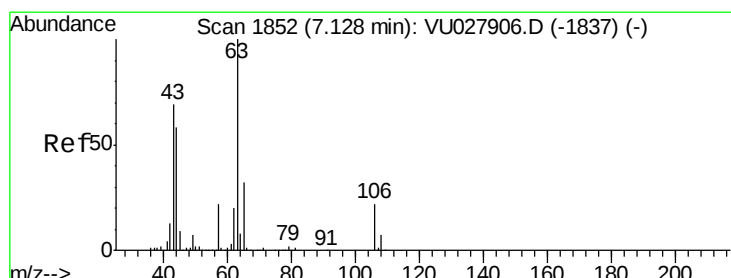
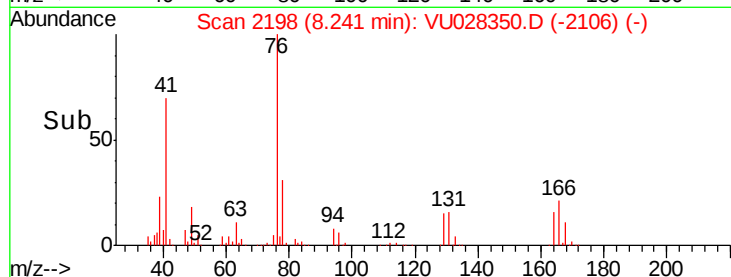
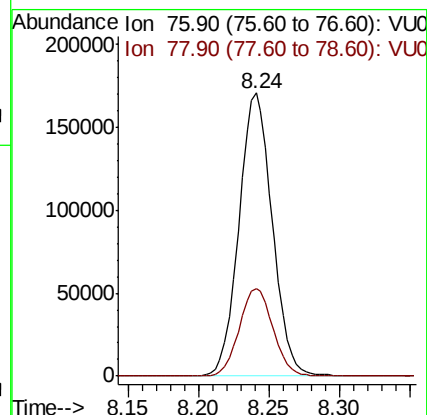
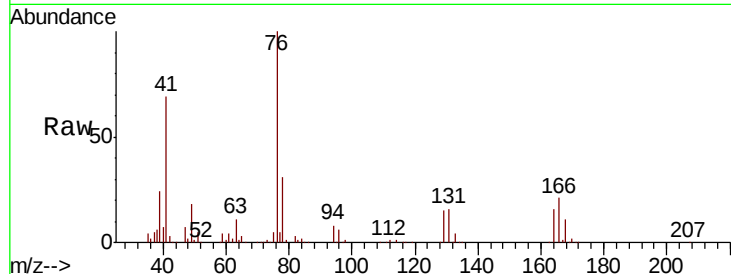




#57
 1,3-Dichloropropane
 Concen: 56.569 ug/l
 RT: 8.24 min Scan# 2198
 Delta R.T. -0.00 min
 Lab File: VU028350.D
 Acq: 27 Nov 2018 21:01

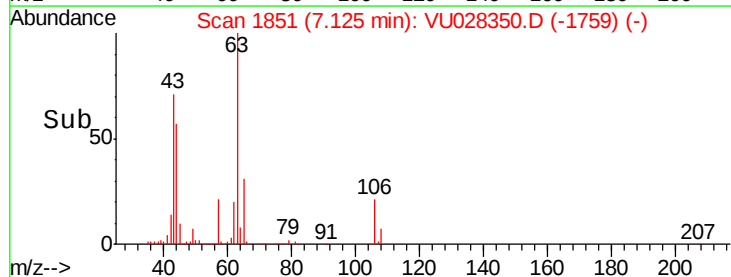
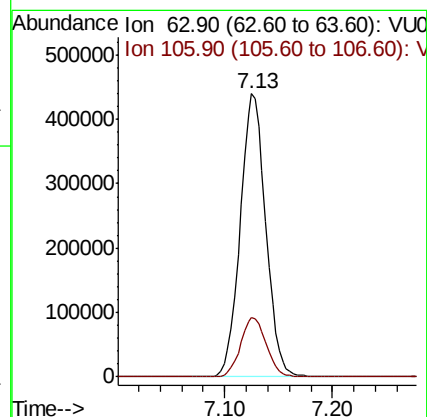
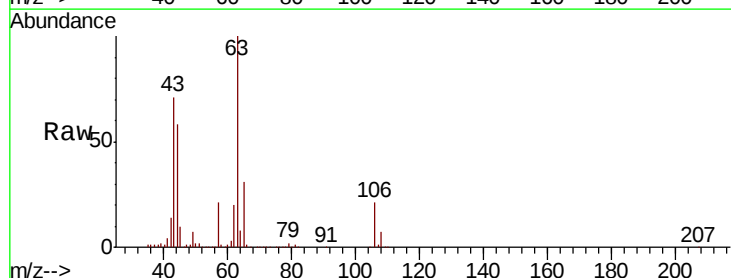
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050EC

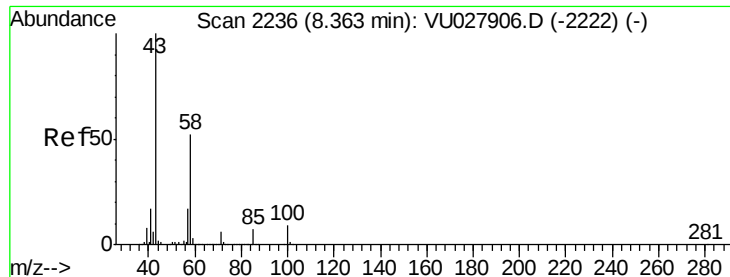
Tot Ion: 76 Resp: 282471
 Ion Ratio Lower Upper
 76 100
 78 31.4 25.3 37.9



#58
 2-Chloroethyl Vinyl ether
 Concen: 280.658 ug/l
 RT: 7.13 min Scan# 1851
 Delta R.T. -0.00 min
 Lab File: VU028350.D
 Acq: 27 Nov 2018 21:01

Tgt Ion: 63 Resp: 726638
 Ion Ratio Lower Upper
 63 100
 106 21.1 17.8 26.6

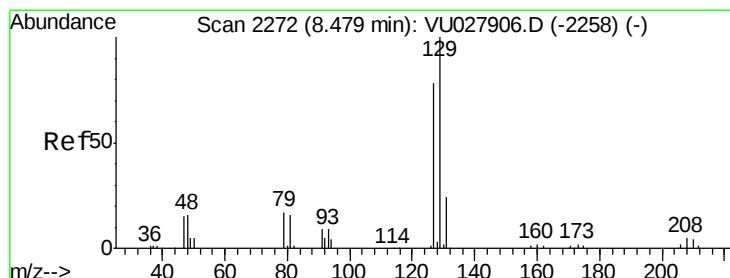
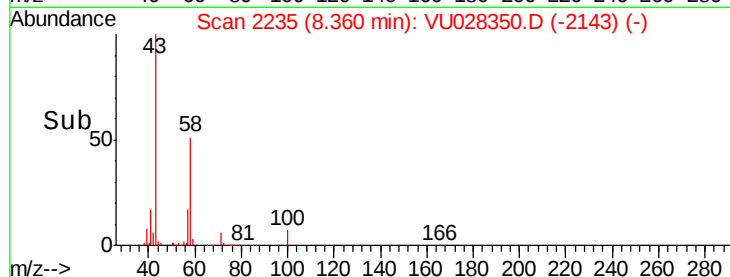
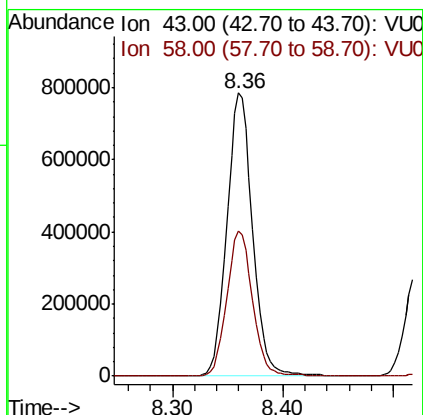
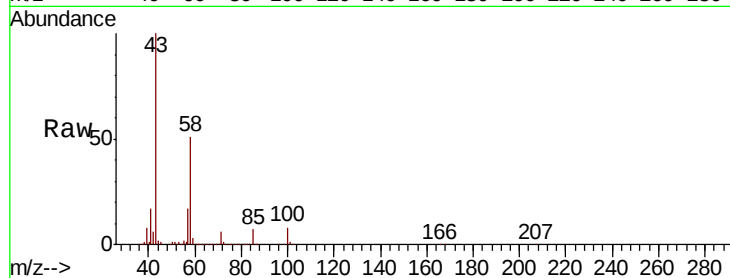




#59
2-Hexanone
Concen: 283.810 ug/l
RT: 8.36 min Scan# 2235
Delta R.T. -0.00 min
Lab File: VU028350.D
Acq: 27 Nov 2018 21:01

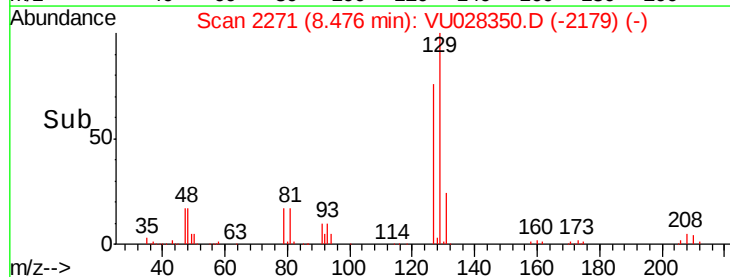
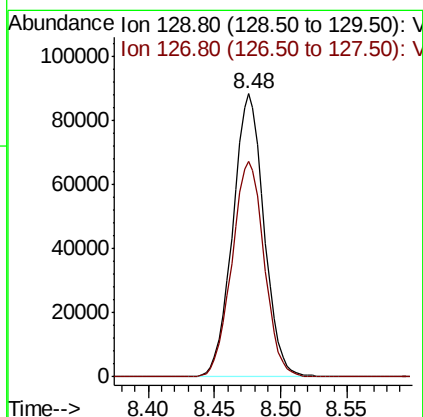
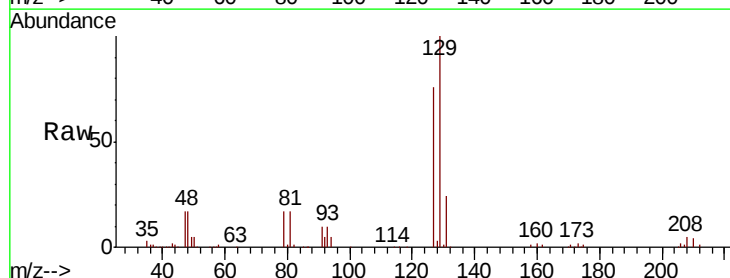
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

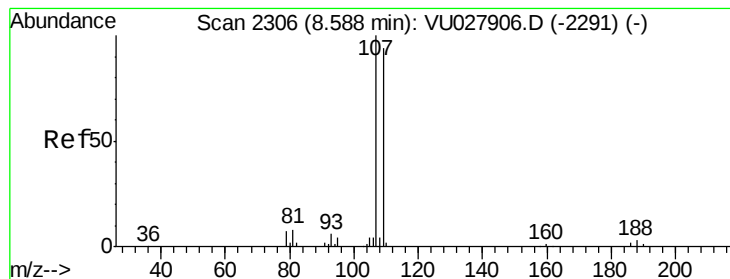
Tot Ion: 43 Resp: 1261474
Ion Ratio Lower Upper
43 100
58 51.5 25.8 77.3



#60
Dibromochloromethane
Concen: 55.792 ug/l
RT: 8.48 min Scan# 2271
Delta R.T. -0.00 min
Lab File: VU028350.D
Acq: 27 Nov 2018 21:01

Tgt Ion: 129 Resp: 144722
Ion Ratio Lower Upper
129 100
127 78.5 39.2 117.6





#61

1,2-Dibromoethane

Concen: 54.203 ug/l

RT: 8.58 min Scan# 2305

Delta R.T. -0.00 min

Lab File: VU028350.D

Acq: 27 Nov 2018 21:01

Instrument :

MSVOA_U

ClientSampleId :

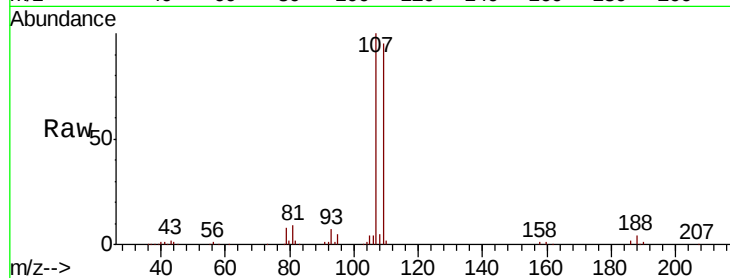
VSTDCCC050EC

Tot Ion:107 Resp: 157880

Ion Ratio Lower Upper

107 100

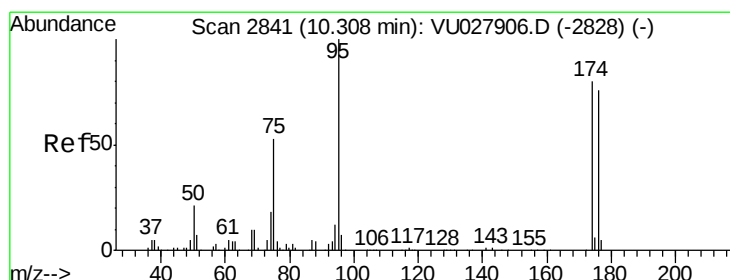
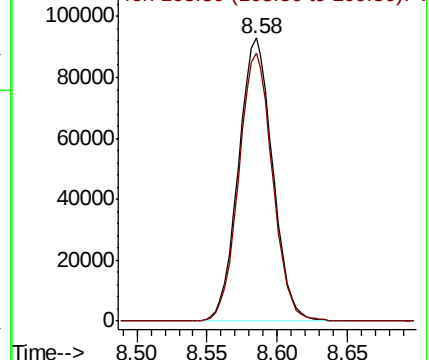
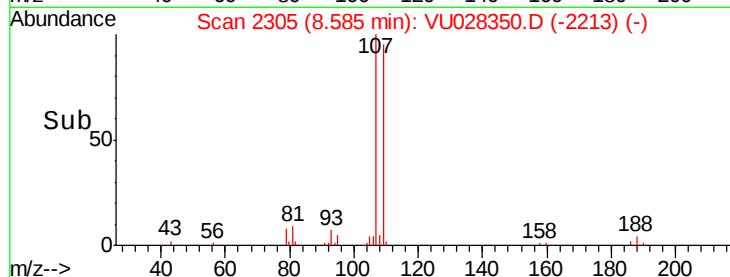
109 93.6 73.8 110.8



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

8.58



#62

4-Bromofluorobenzene

Concen: 58.592 ug/l

RT: 10.31 min Scan# 2840

Delta R.T. -0.00 min

Lab File: VU028350.D

Acq: 27 Nov 2018 21:01

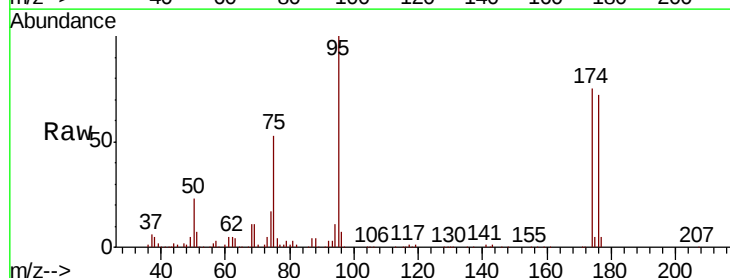
Tgt Ion: 95 Resp: 188399

Ion Ratio Lower Upper

95 100

174 73.7 0.0 156.4

176 71.2 0.0 150.8

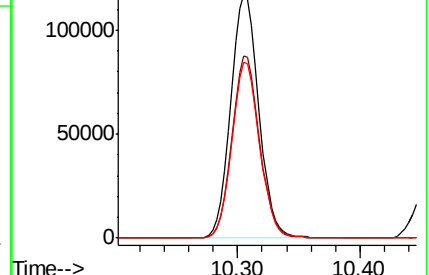
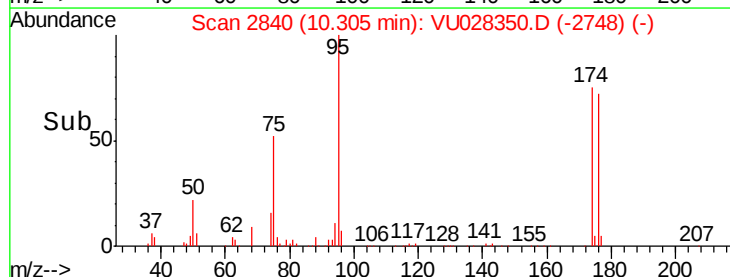


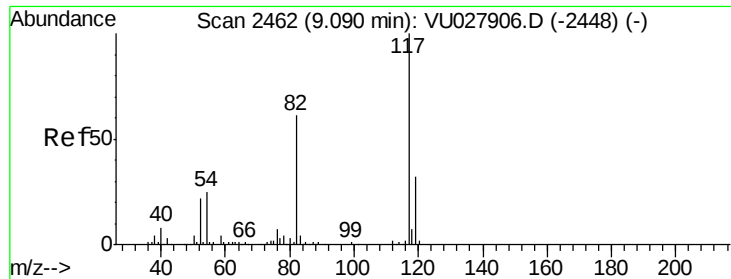
Abundance Ion 94.90 (94.60 to 95.60): VU0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

10.31

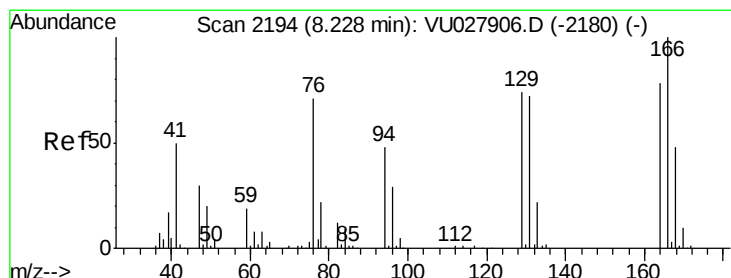
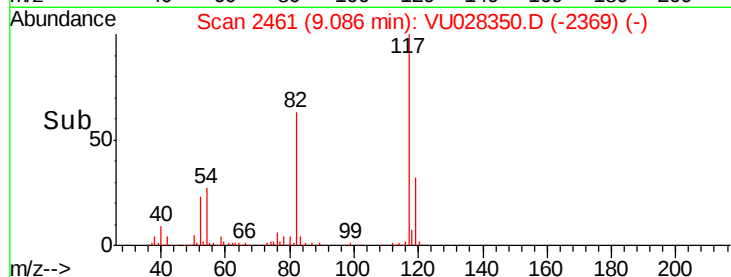
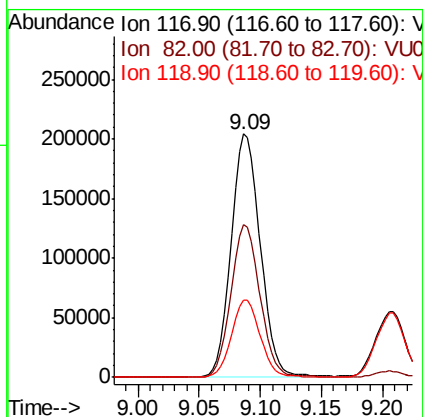
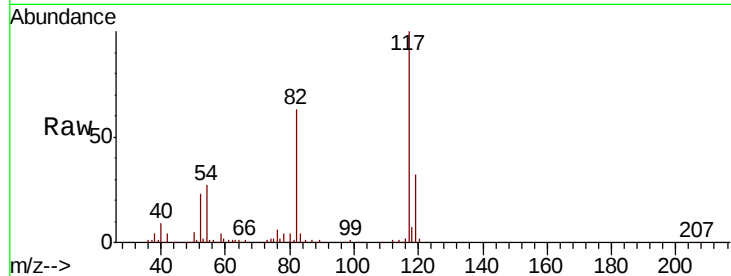




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.09 min Scan# 2461
Delta R.T. -0.00 min
Lab File: VU028350.D
Acq: 27 Nov 2018 21:01

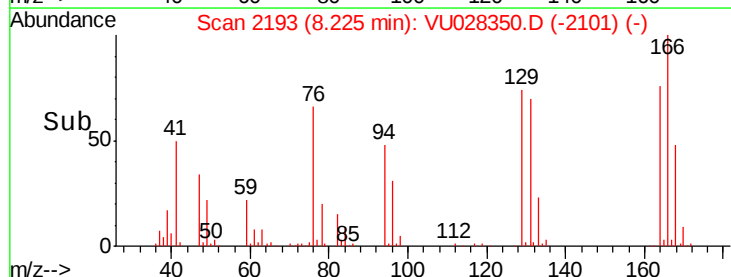
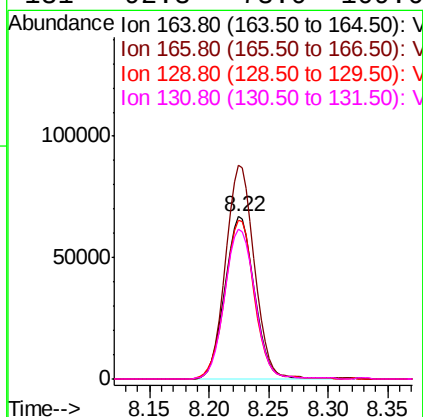
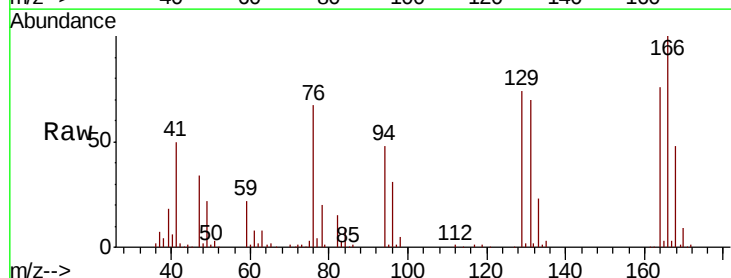
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

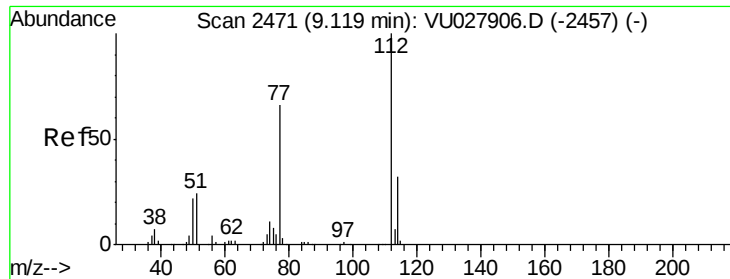
Tot Ion:117 Resp: 341255
Ion Ratio Lower Upper
117 100
82 62.8 48.6 73.0
119 31.7 25.8 38.8



#64
Tetrachloroethene
Concen: 52.433 ug/l
RT: 8.22 min Scan# 2193
Delta R.T. -0.00 min
Lab File: VU028350.D
Acq: 27 Nov 2018 21:01

Tgt Ion:164 Resp: 116023
Ion Ratio Lower Upper
164 100
166 131.5 102.1 153.1
129 97.9 75.9 113.9
131 92.3 73.0 109.6

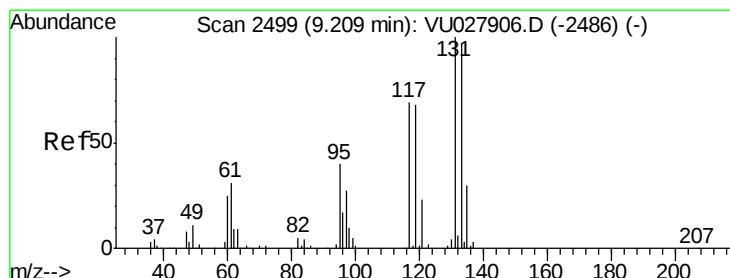
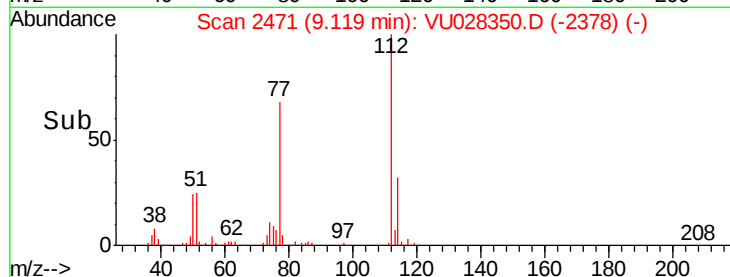
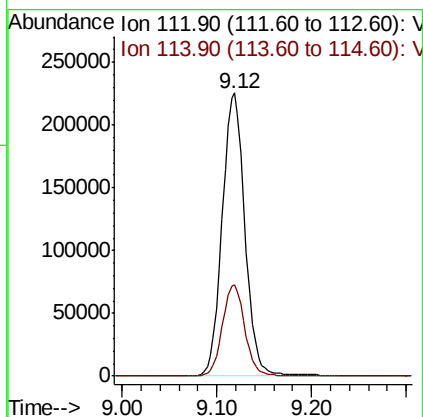
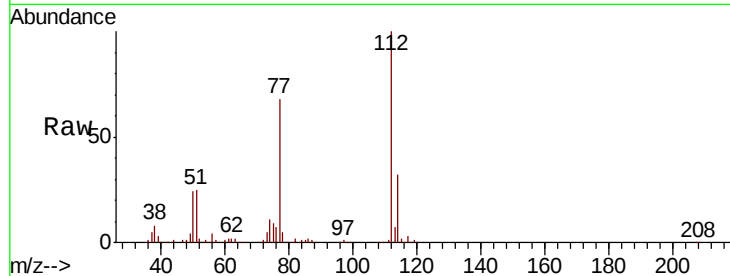




#65
Chlorobenzene
Concen: 52.237 ug/l
RT: 9.12 min Scan# 2471
Delta R.T. 0.00 min
Lab File: VU028350.D
Acq: 27 Nov 2018 21:01

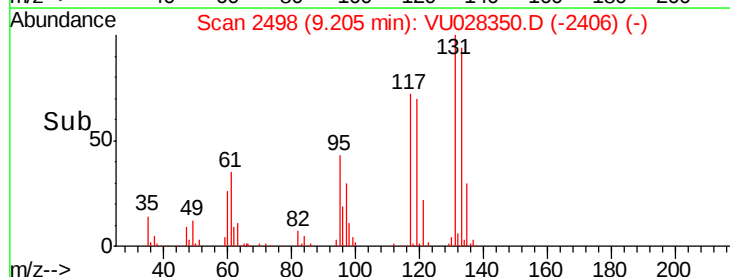
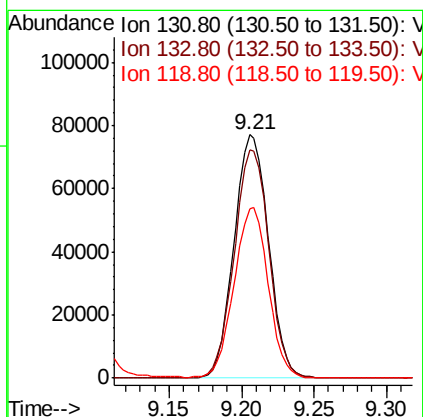
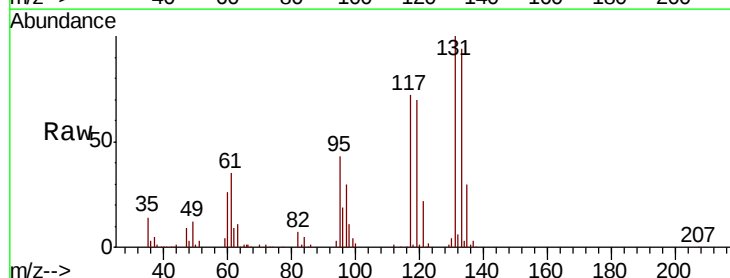
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

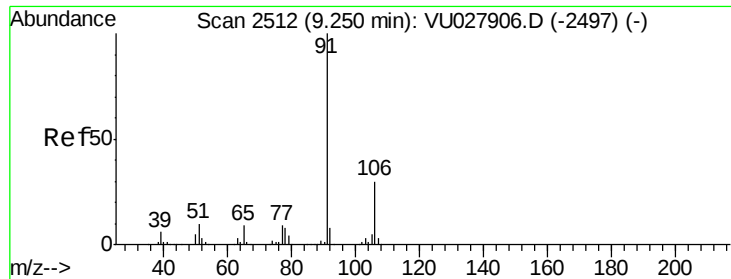
Tot Ion:112 Resp: 376622
Ion Ratio Lower Upper
112 100
114 32.1 25.2 37.8



#66
1,1,1,2-Tetrachloroethane
Concen: 51.744 ug/l
RT: 9.21 min Scan# 2498
Delta R.T. -0.00 min
Lab File: VU028350.D
Acq: 27 Nov 2018 21:01

Tgt Ion:131 Resp: 127425
Ion Ratio Lower Upper
131 100
133 94.8 48.1 144.4
119 69.3 34.0 101.8

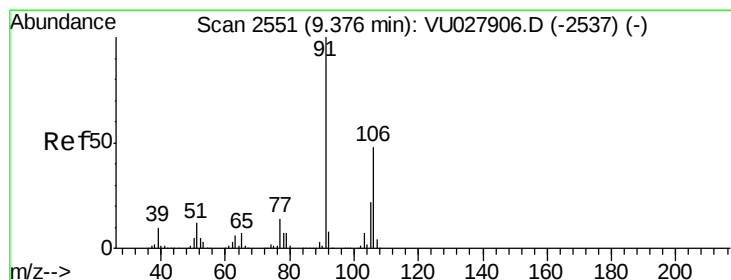
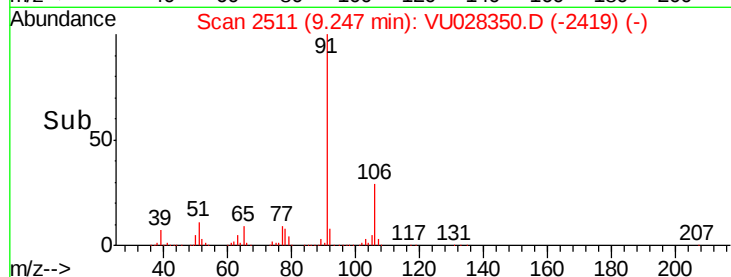
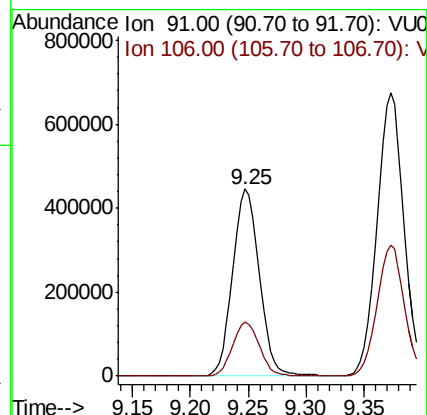
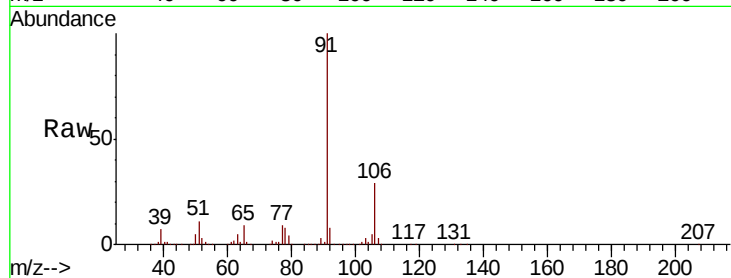




#67
Ethyl Benzene
Concen: 53.538 ug/l
RT: 9.25 min Scan# 2511
Delta R.T. -0.00 min
Lab File: VU028350.D
Acq: 27 Nov 2018 21:01

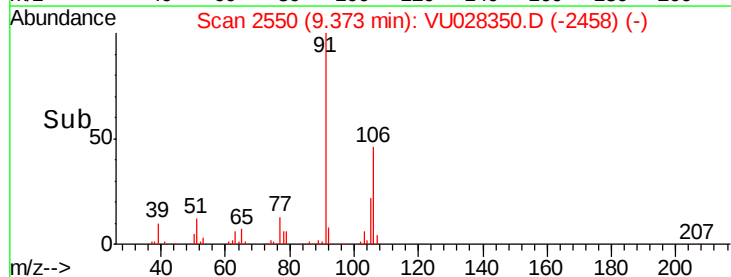
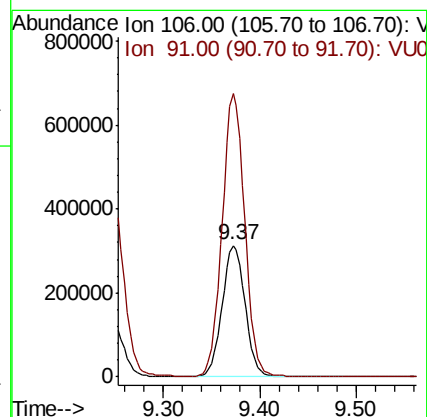
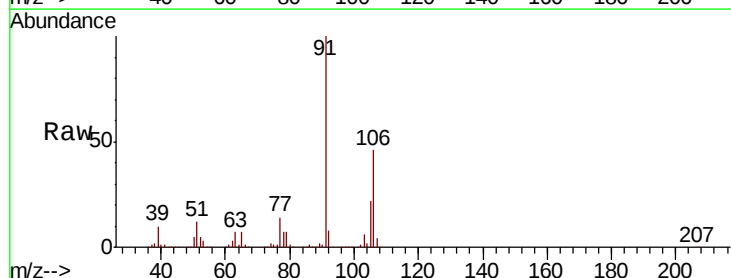
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

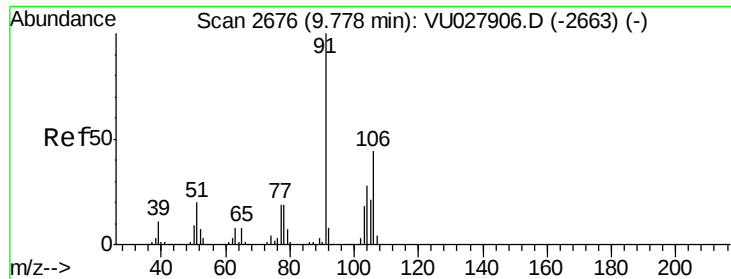
Tot Ion: 91 Resp: 710497
Ion Ratio Lower Upper
91 100
106 28.7 23.6 35.4



#68
m/p-Xylenes
Concen: 107.073 ug/l
RT: 9.37 min Scan# 2550
Delta R.T. -0.00 min
Lab File: VU028350.D
Acq: 27 Nov 2018 21:01

Tgt Ion: 106 Resp: 515582
Ion Ratio Lower Upper
106 100
91 212.8 168.2 252.4

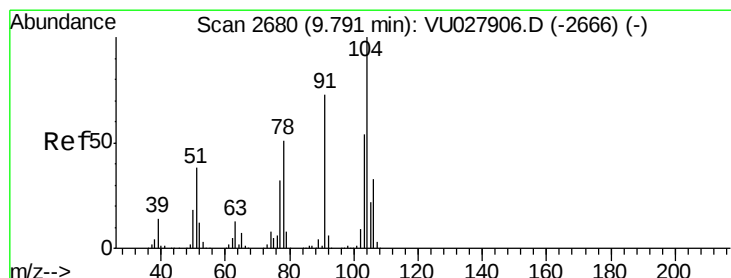
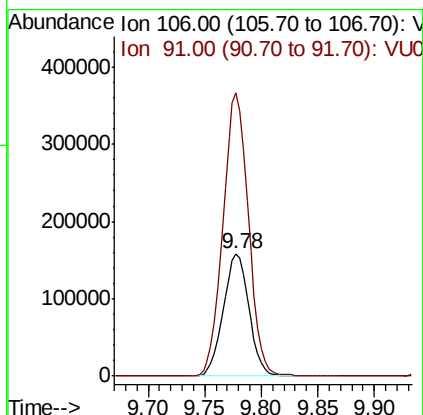
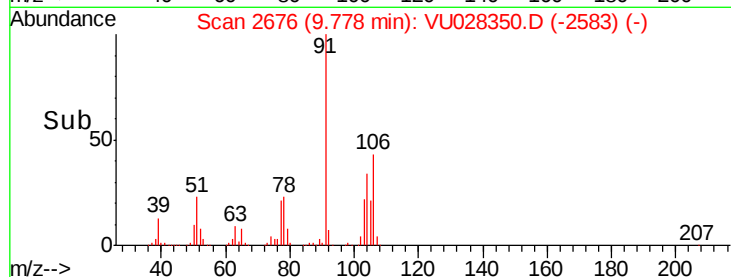
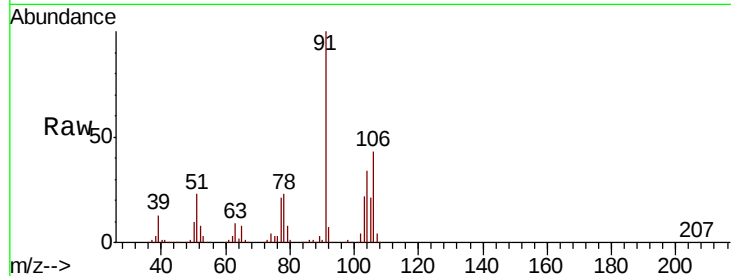




#69
o-Xylene
Concen: 51.451 ug/l
RT: 9.78 min Scan# 2676
Delta R.T. 0.00 min
Lab File: VU028350.D
Acq: 27 Nov 2018 21:01

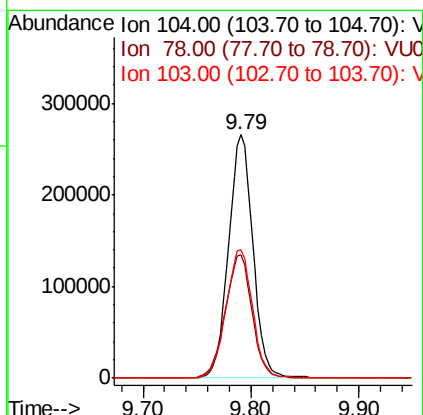
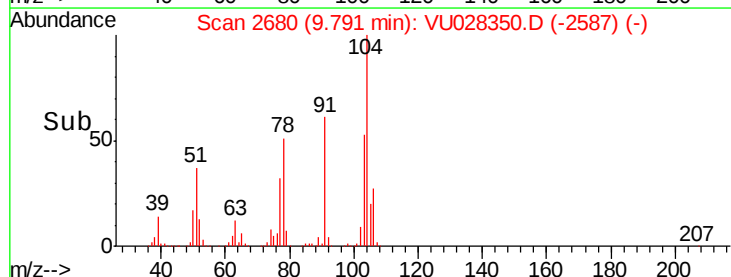
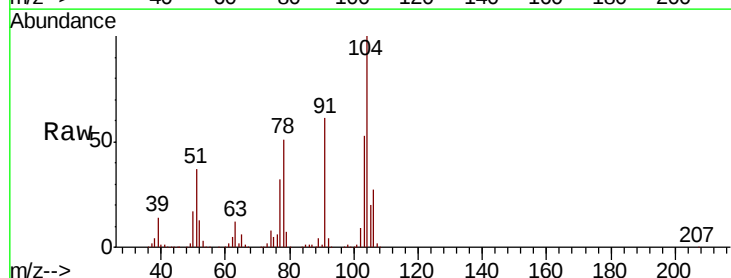
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

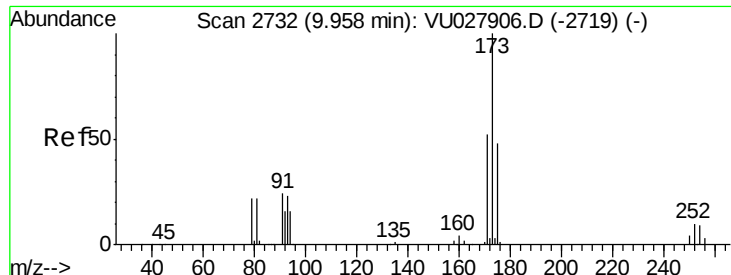
Tot Ion:106 Resp: 250172
Ion Ratio Lower Upper
106 100
91 229.9 111.1 333.4



#70
Styrene
Concen: 54.187 ug/l
RT: 9.79 min Scan# 2680
Delta R.T. 0.00 min
Lab File: VU028350.D
Acq: 27 Nov 2018 21:01

Tgt Ion:104 Resp: 420989
Ion Ratio Lower Upper
104 100
78 55.0 43.0 64.4
103 57.2 45.1 67.7





#71

Bromoform

Concen: 53.031 ug/l

RT: 9.96 min Scan# 2732

Delta R.T. 0.00 min

Lab File: VU028350.D

Acq: 27 Nov 2018 21:01

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050EC

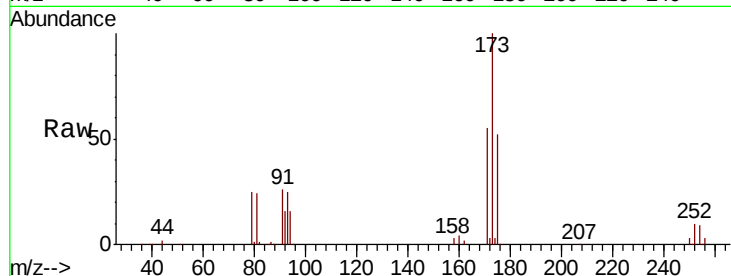
Tot Ion:173 Resp: 109449

Ion Ratio Lower Upper

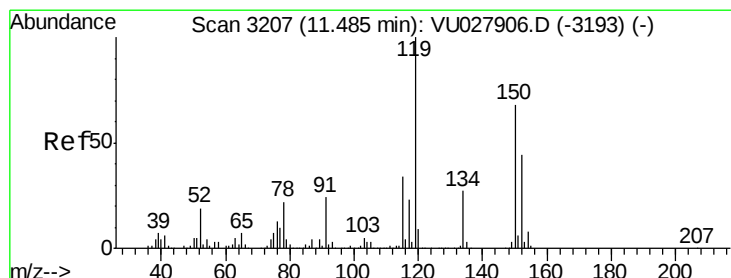
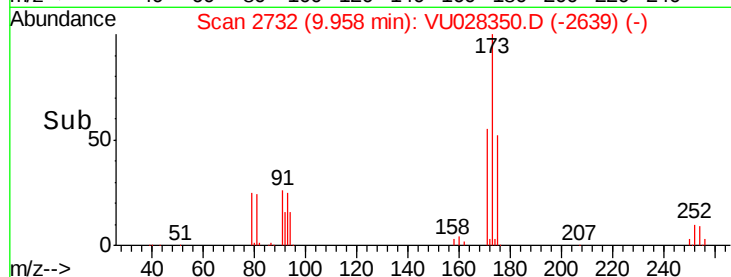
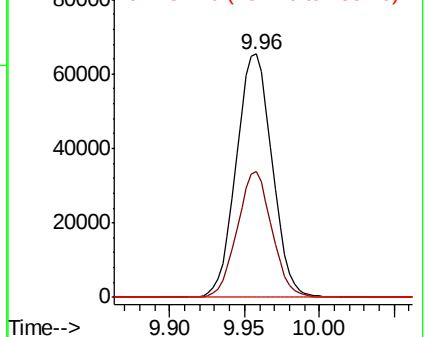
173 100

175 49.7 24.3 72.8

254 0.1 0.0 0.0#



Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 11.48 min Scan# 3206

Delta R.T. -0.00 min

Lab File: VU028350.D

Acq: 27 Nov 2018 21:01

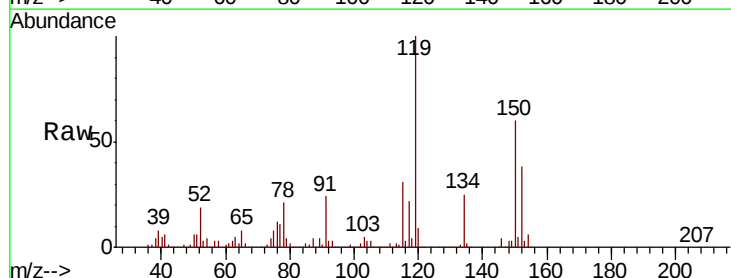
Tgt Ion:152 Resp: 169190

Ion Ratio Lower Upper

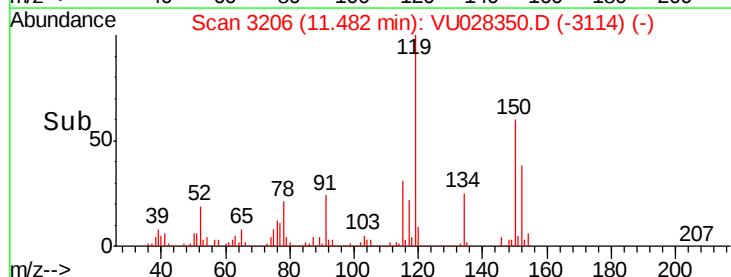
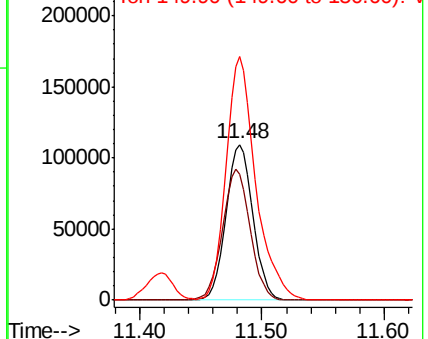
152 100

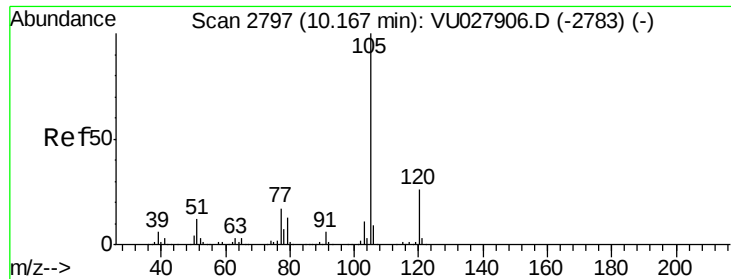
115 86.6 43.0 129.0

150 171.4 0.0 349.4



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V

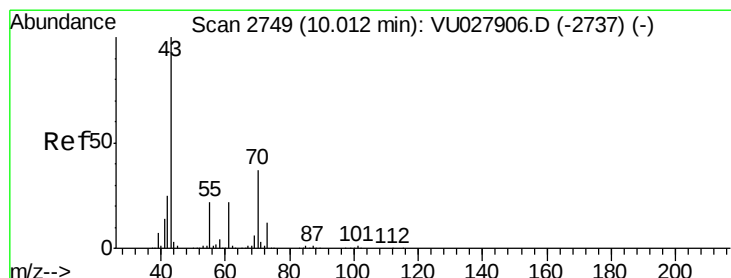
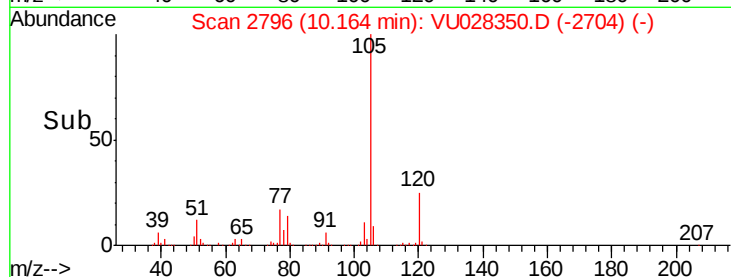
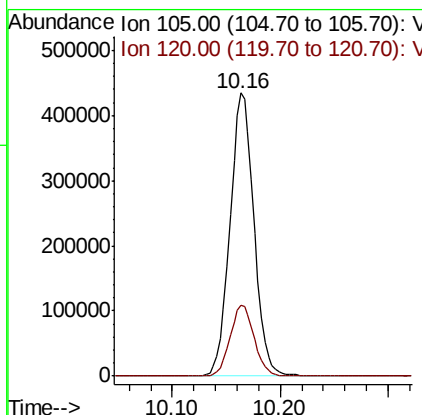
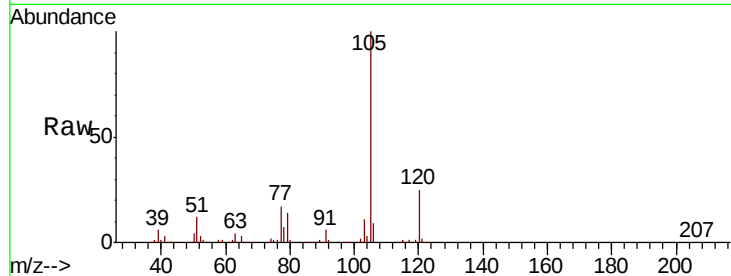




#73
Isopropylbenzene
Concen: 51.271 ug/l
RT: 10.16 min Scan# 2796
Delta R.T. -0.00 min
Lab File: VU028350.D
Acq: 27 Nov 2018 21:01

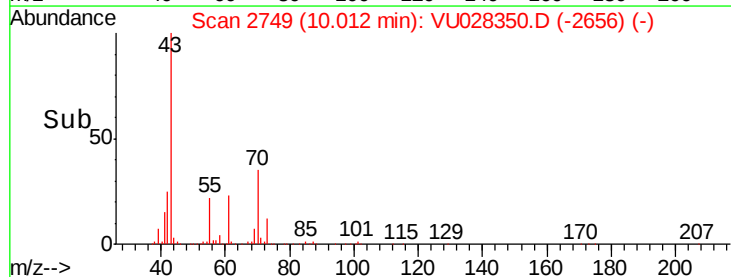
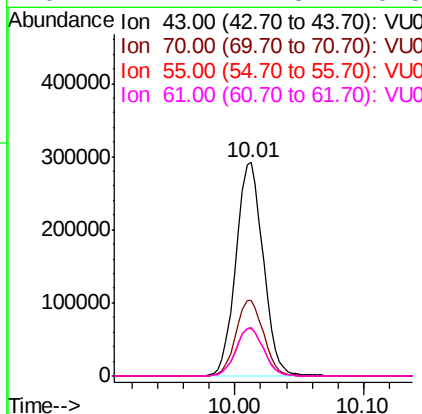
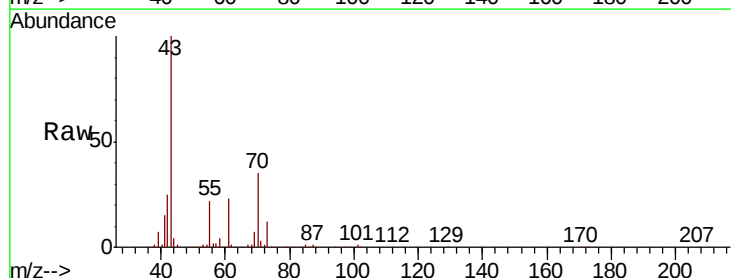
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

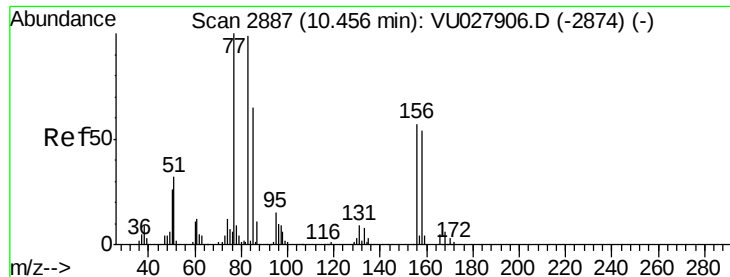
Tot Ion:105 Resp: 672007
Ion Ratio Lower Upper
105 100
120 25.3 12.7 38.0



#74
N-ethyl acetate
Concen: 54.328 ug/l
RT: 10.01 min Scan# 2749
Delta R.T. 0.00 min
Lab File: VU028350.D
Acq: 27 Nov 2018 21:01

Tgt Ion: 43 Resp: 430579
Ion Ratio Lower Upper
43 100
70 36.0 29.2 43.8
55 22.9 17.8 26.6
61 22.7 17.8 26.8





#75

1,1,2,2-Tetrachloroethane

Concen: 53.369 ug/l

RT: 10.46 min Scan# 2887

Delta R.T. 0.00 min

Lab File: VU028350.D

Acq: 27 Nov 2018 21:01

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050EC

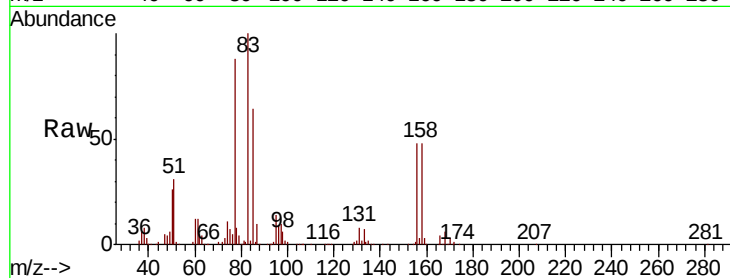
Tot Ion: 83 Resp: 282158

Ion Ratio Lower Upper

83 100

131 8.0 4.3 13.1

85 64.0 32.4 97.2



Abundance Ion 82.90 (82.60 to 83.60): VU028350.D (-2794) (-)

Ion 130.80 (130.50 to 131.50): VU028350.D (-2794) (-)

Ion 84.90 (84.60 to 85.60): VU028350.D (-2794) (-)

10.46

200000

150000

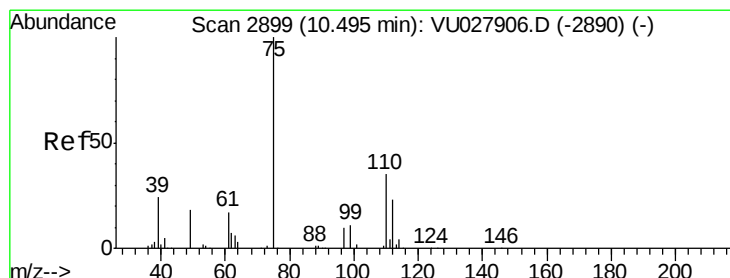
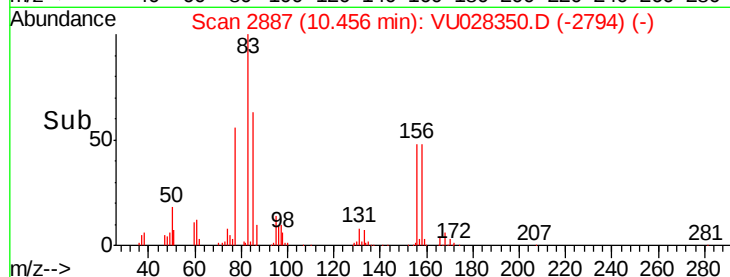
100000

50000

0

10.40 10.50

Time-->



#76

1,2,3-Trichloropropane

Concen: 73.857 ug/l

RT: 10.49 min Scan# 2898

Delta R.T. -0.00 min

Lab File: VU028350.D

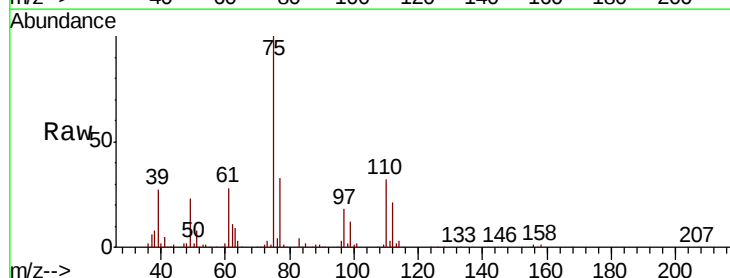
Acq: 27 Nov 2018 21:01

Tgt Ion: 75 Resp: 341799

Ion Ratio Lower Upper

75 100

77 30.3 21.6 64.6



Abundance Ion 74.90 (74.60 to 75.60): VU028350.D (-2806) (-)

Ion 77.00 (76.70 to 77.70): VU028350.D (-2806) (-)

200000

150000

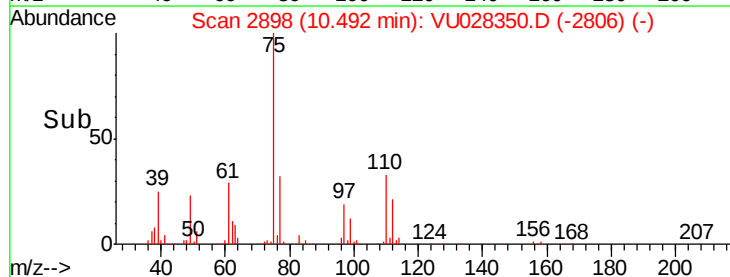
100000

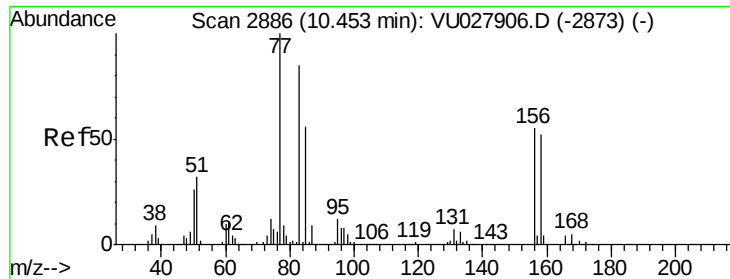
50000

0

10.45 10.50 10.55

Time-->





#77

Bromobenzene

Concen: 51.617 ug/l

RT: 10.45 min Scan# 2885

Delta R.T. -0.00 min

Lab File: VU028350.D

Acq: 27 Nov 2018 21:01

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050EC

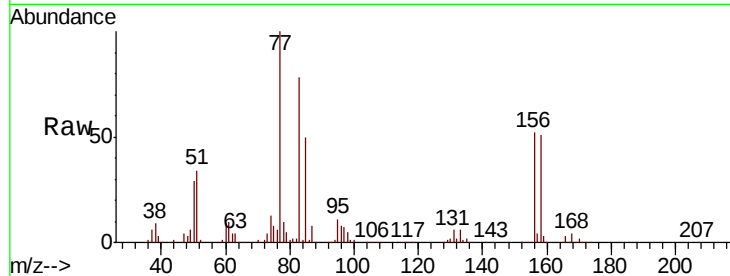
Tot Ion:156 Resp: 155131

Ion Ratio Lower Upper

156 100

77 194.2 91.8 275.6

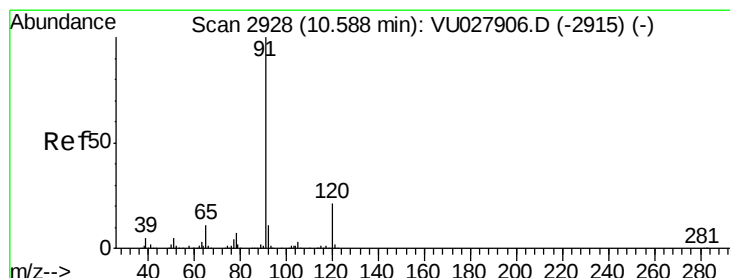
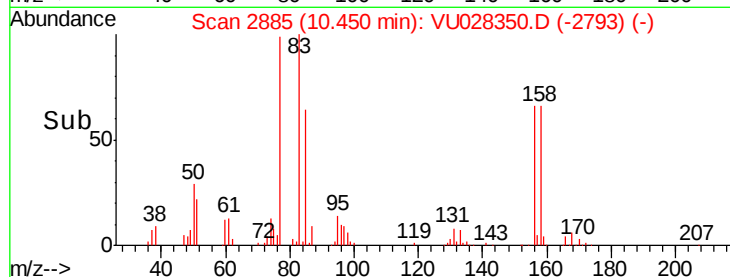
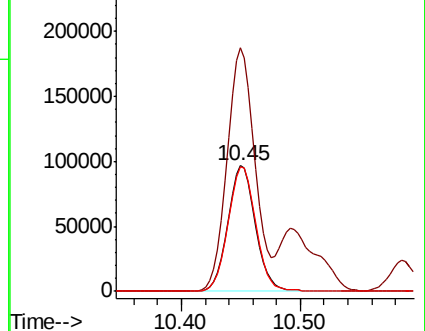
158 99.5 48.4 145.2



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VU0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 53.317 ug/l

RT: 10.58 min Scan# 2927

Delta R.T. -0.00 min

Lab File: VU028350.D

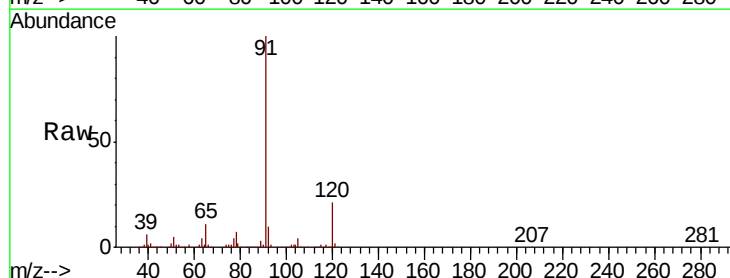
Acq: 27 Nov 2018 21:01

Tgt Ion: 91 Resp: 836494

Ion Ratio Lower Upper

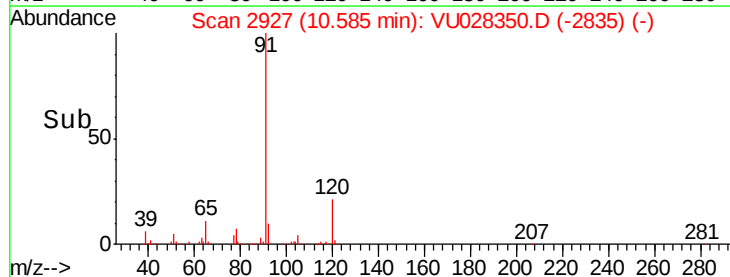
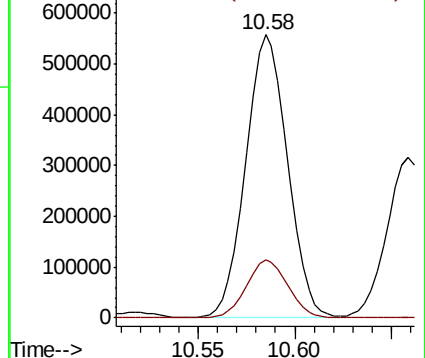
91 100

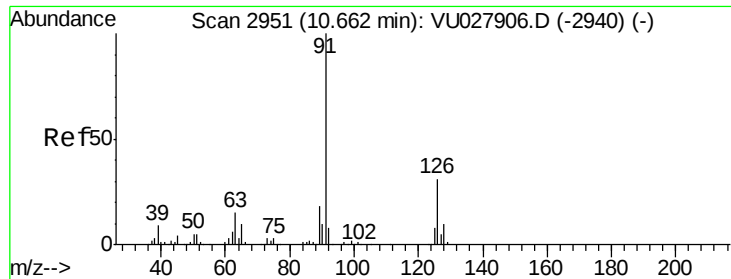
120 20.5 10.6 31.8



Abundance Ion 91.00 (90.70 to 91.70): VU0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 52.071 ug/l

RT: 10.66 min Scan# 2950

Delta R.T. -0.00 min

Lab File: VU028350.D

Acq: 27 Nov 2018 21:01

Instrument :

MSVOA_U

ClientSampleId :

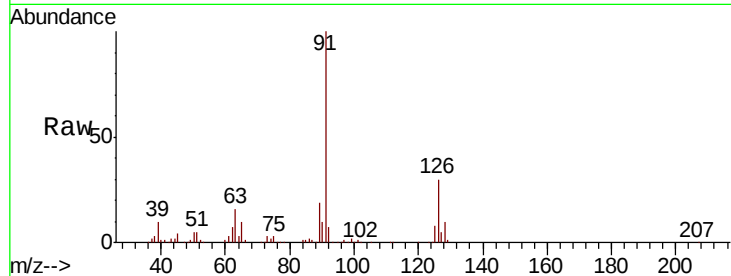
VSTDCCC050EC

Tot Ion: 91 Resp: 489675

Ion Ratio Lower Upper

91 100

126 30.4 16.0 47.9



Abundance Ion 91.00 (90.70 to 91.70): VU027906.D (-2940) (-)

Ion 125.90 (125.60 to 126.60): VU027906.D (-2940) (-)

600000

500000

400000

300000

200000

100000

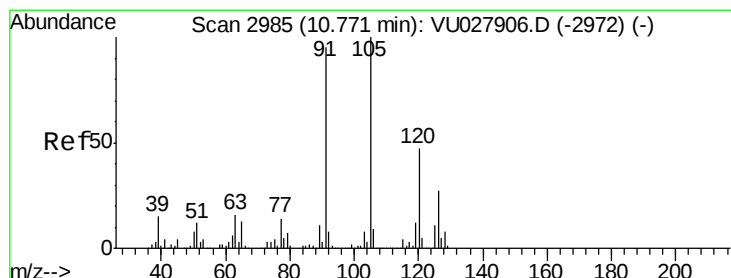
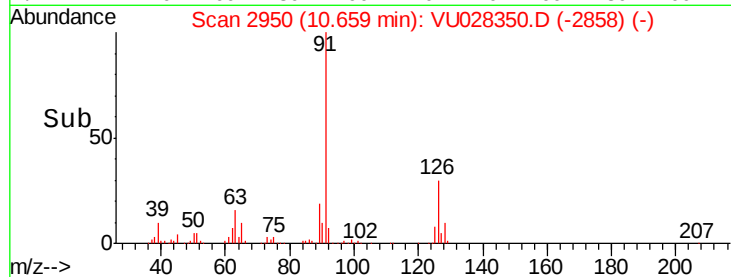
0

10.60

10.65

10.70

Time-->



#80

1,3,5-Trimethylbenzene

Concen: 52.540 ug/l

RT: 10.77 min Scan# 2985

Delta R.T. 0.00 min

Lab File: VU028350.D

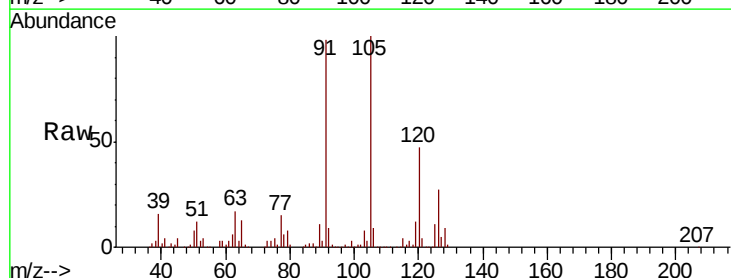
Acq: 27 Nov 2018 21:01

Tgt Ion: 105 Resp: 570465

Ion Ratio Lower Upper

105 100

120 46.4 23.3 69.9



Abundance Ion 105.00 (104.70 to 105.70): VU027906.D (-2972) (-)

Ion 120.00 (119.70 to 120.70): VU027906.D (-2972) (-)

400000

300000

200000

100000

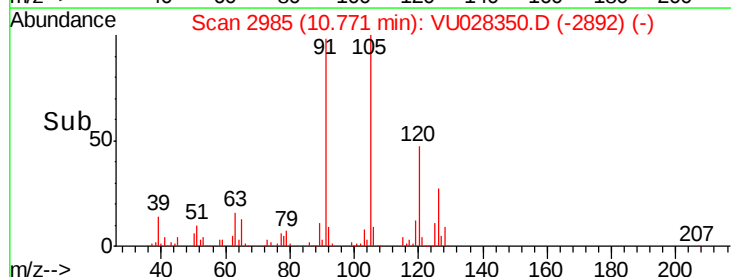
0

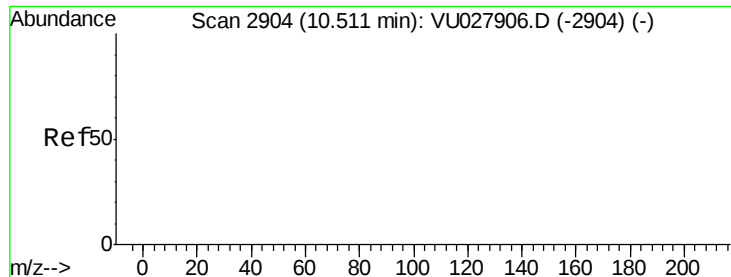
10.70

10.75

10.80

Time-->

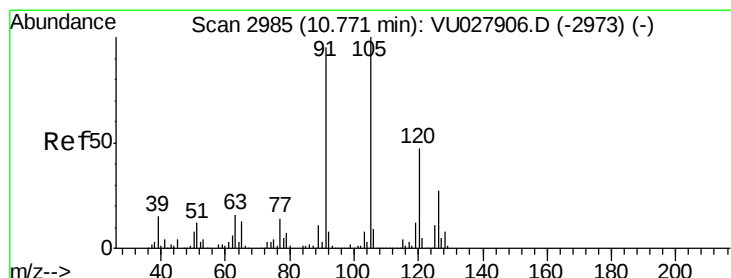
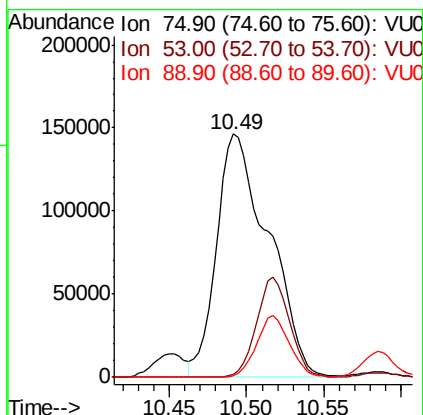
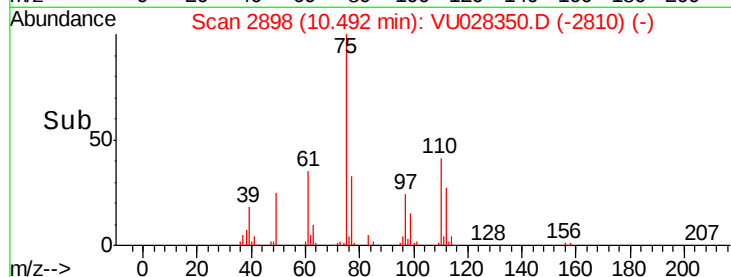
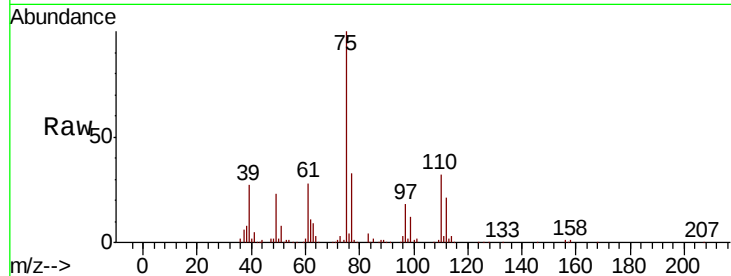




#81
trans-1,4-Dichloro-2-butene
Concen: 183.699 ug/l
RT: 10.49 min Scan# 2898
Delta R.T. -0.02 min
Lab File: VU028350.D
Acq: 27 Nov 2018 21:01

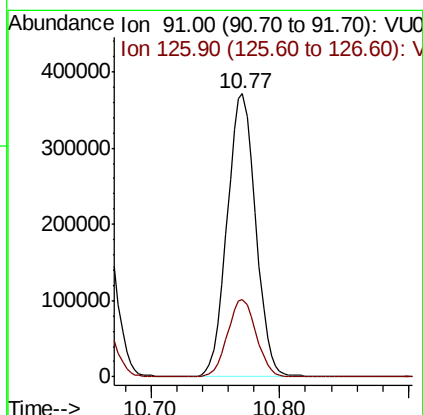
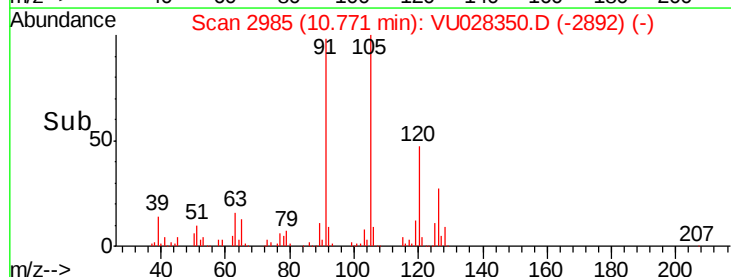
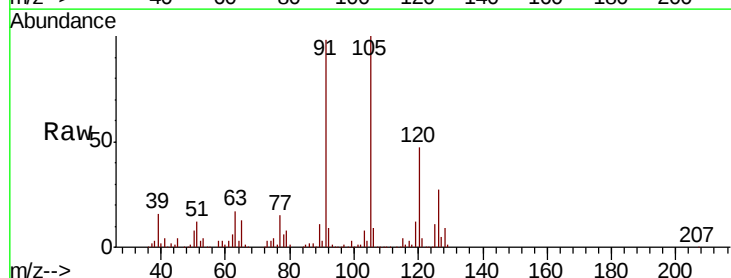
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

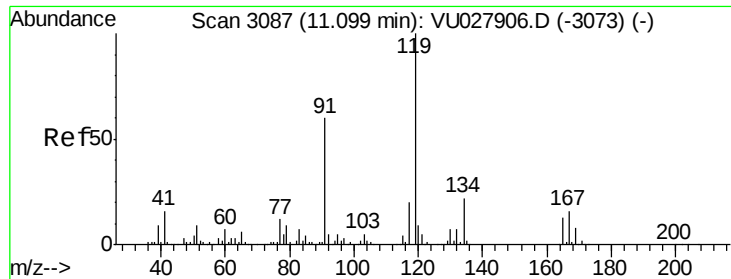
Tot Ion: 75 Resp: 341799
Ion Ratio Lower Upper
75 100
53 0.0 0.0 0.0
89 0.0 0.0 0.0



#82
4-Chlorotoluene
Concen: 53.297 ug/l
RT: 10.77 min Scan# 2985
Delta R.T. 0.00 min
Lab File: VU028350.D
Acq: 27 Nov 2018 21:01

Tgt Ion: 91 Resp: 569008
Ion Ratio Lower Upper
91 100
126 27.5 14.2 42.6

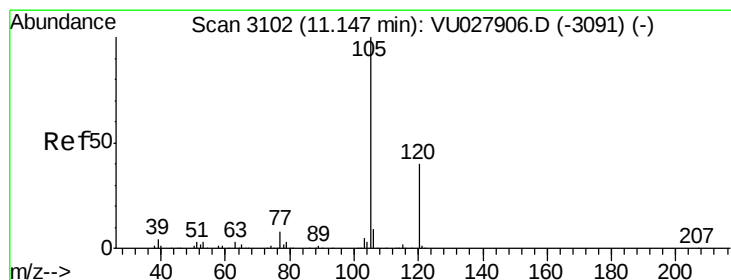
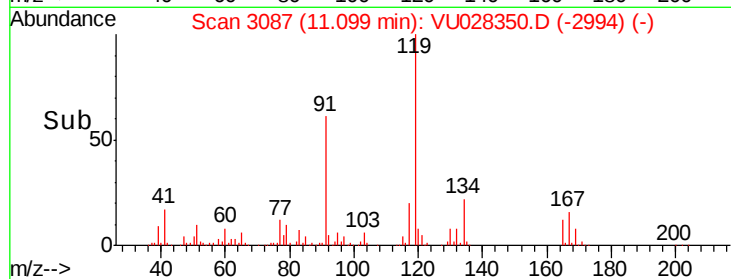
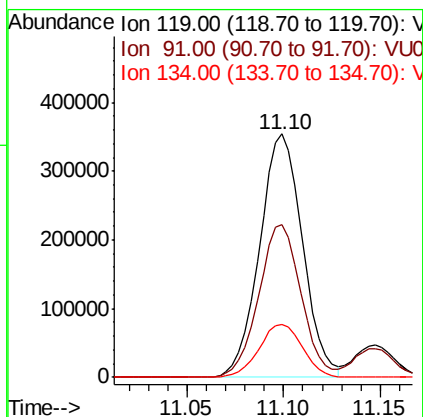
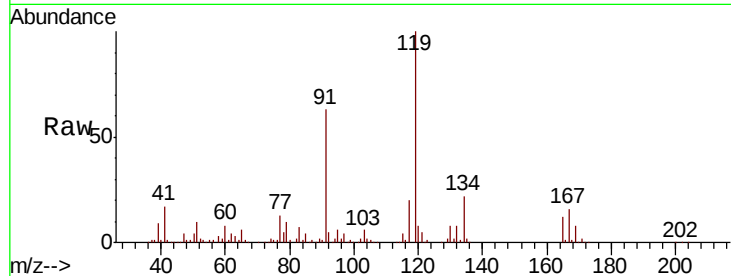




#83
tert-Butylbenzene
Concen: 50.234 ug/l
RT: 11.10 min Scan# 3087
Delta R.T. 0.00 min
Lab File: VU028350.D
Acq: 27 Nov 2018 21:01

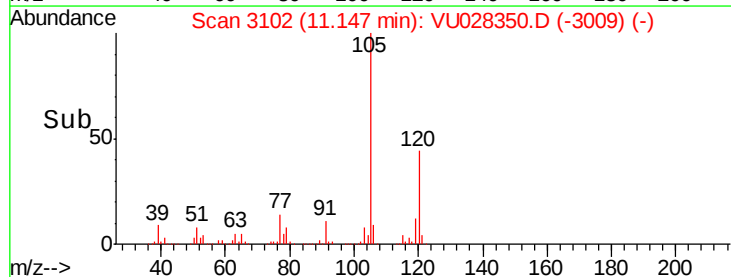
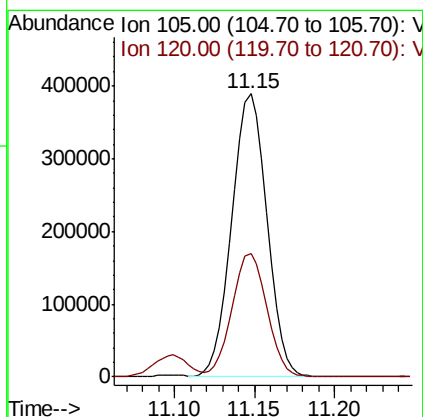
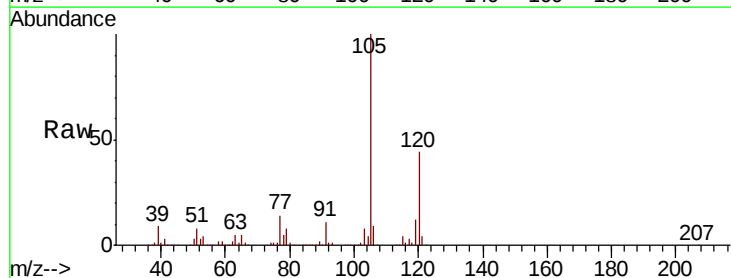
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

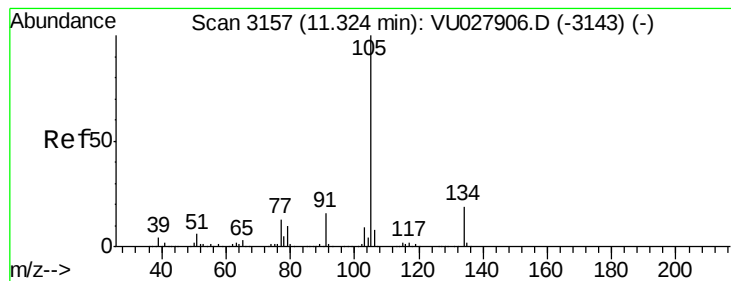
Tot Ion:119 Resp: 545269
Ion Ratio Lower Upper
119 100
91 62.3 29.8 89.3
134 22.0 11.1 33.1



#84
1,2,4-Trimethylbenzene
Concen: 53.177 ug/l
RT: 11.15 min Scan# 3102
Delta R.T. 0.00 min
Lab File: VU028350.D
Acq: 27 Nov 2018 21:01

Tgt Ion:105 Resp: 581399
Ion Ratio Lower Upper
105 100
120 43.4 22.1 66.1





#85

sec-Butylbenzene

Concen: 52.702 ug/l

RT: 11.32 min Scan# 3156

Delta R.T. -0.00 min

Lab File: VU028350.D

Acq: 27 Nov 2018 21:01

Instrument :

MSVOA_U

ClientSampleId :

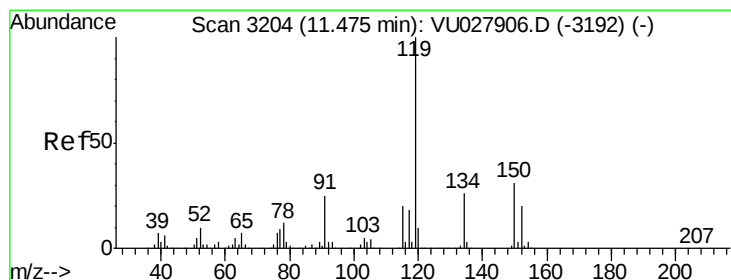
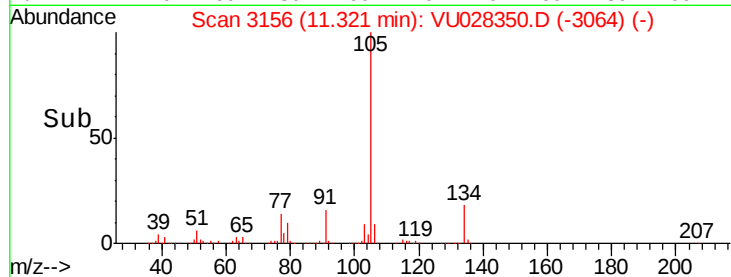
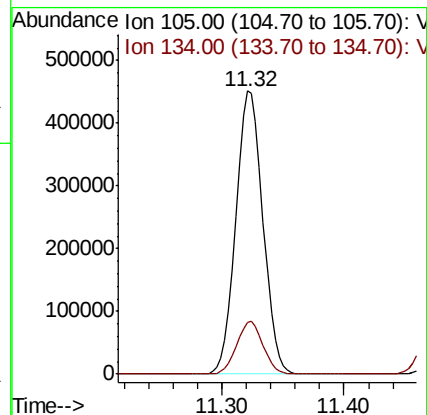
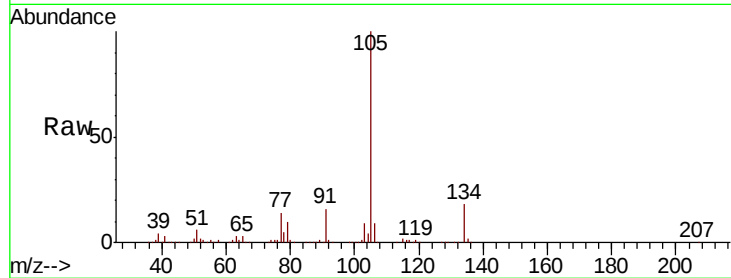
VSTDCCC050EC

Tot Ion:105 Resp: 695715

Ion Ratio Lower Upper

105 100

134 18.3 9.2 27.6



#86

p-Isopropyltoluene

Concen: 52.717 ug/l

RT: 11.48 min Scan# 3204

Delta R.T. 0.00 min

Lab File: VU028350.D

Acq: 27 Nov 2018 21:01

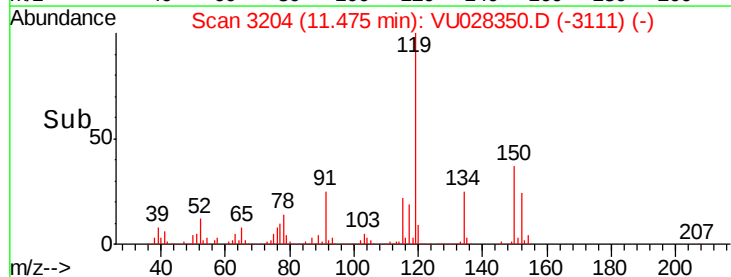
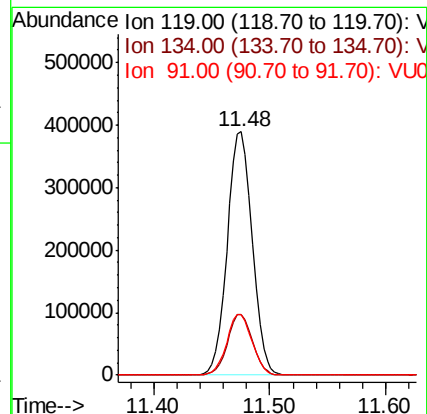
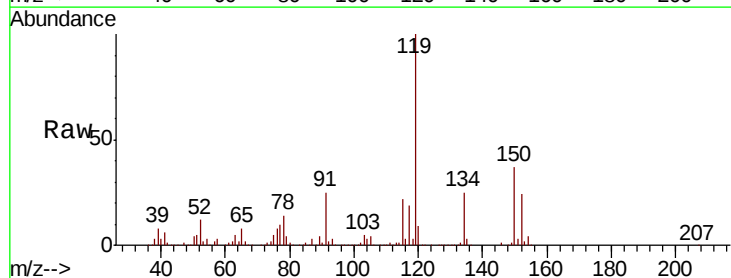
Tgt Ion:119 Resp: 581765

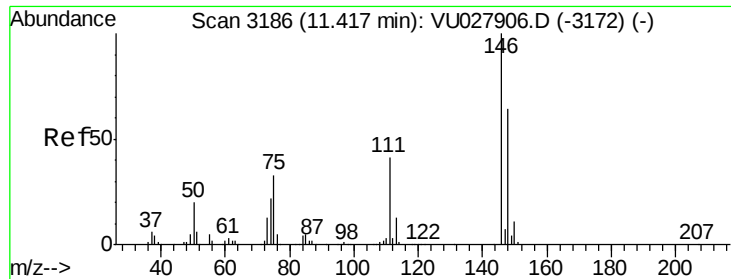
Ion Ratio Lower Upper

119 100

134 25.0 12.9 38.7

91 25.2 12.4 37.2





#87

1,3-Dichlorobenzene

Concen: 51.729 ug/l

RT: 11.41 min Scan# 3185

Delta R.T. -0.00 min

Lab File: VU028350.D

Acq: 27 Nov 2018 21:01

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050EC

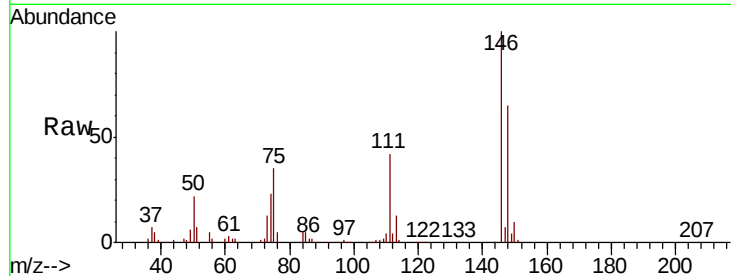
Tot Ion:146 Resp: 287194

Ion Ratio Lower Upper

146 100

111 41.9 20.3 61.0

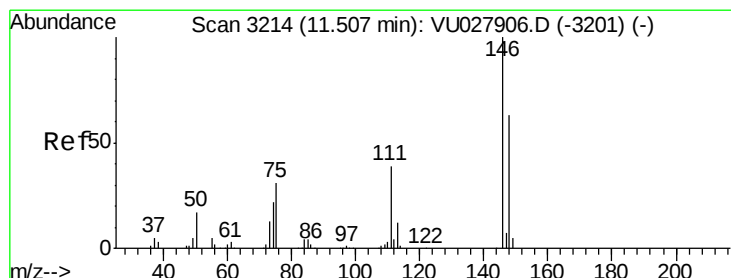
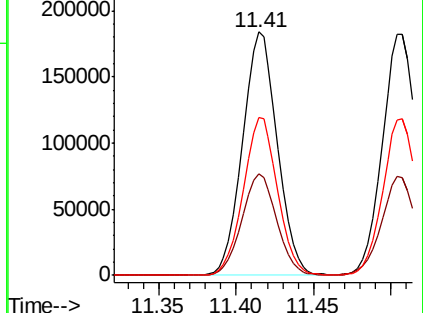
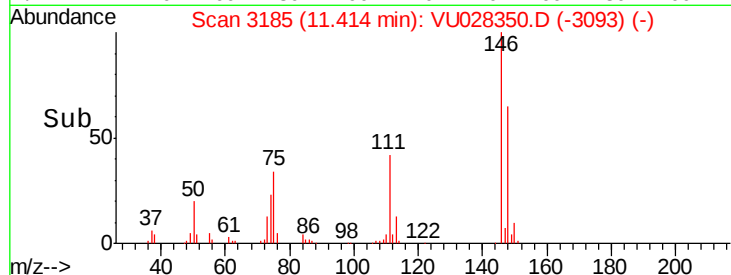
148 63.7 31.8 95.4



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#88

1,4-Dichlorobenzene

Concen: 49.816 ug/l

RT: 11.50 min Scan# 3213

Delta R.T. -0.00 min

Lab File: VU028350.D

Acq: 27 Nov 2018 21:01

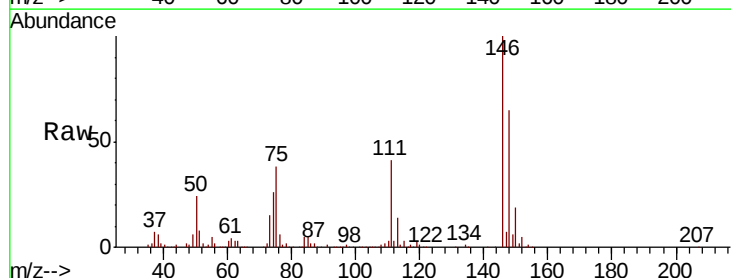
Tgt Ion:146 Resp: 283479

Ion Ratio Lower Upper

146 100

111 41.2 20.3 60.9

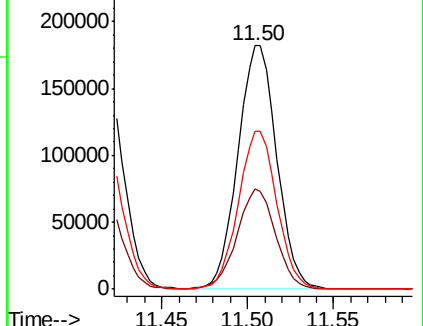
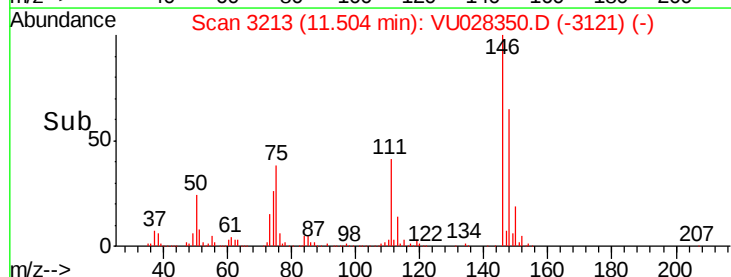
148 64.5 32.0 96.2

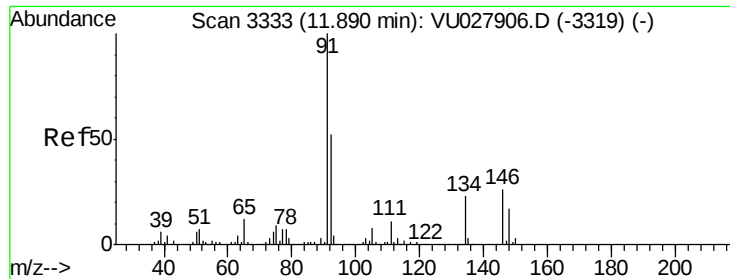


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V

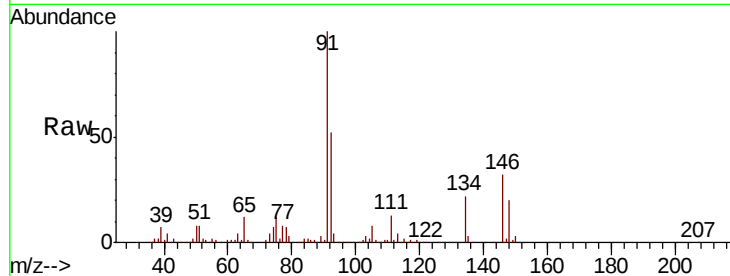




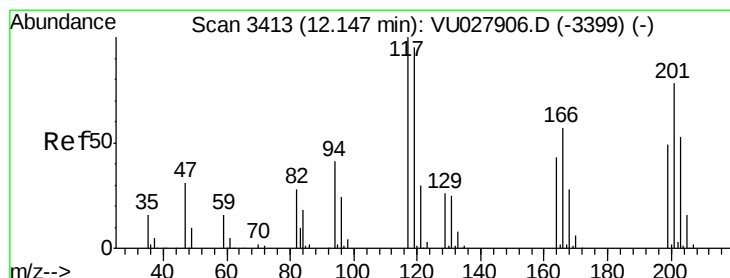
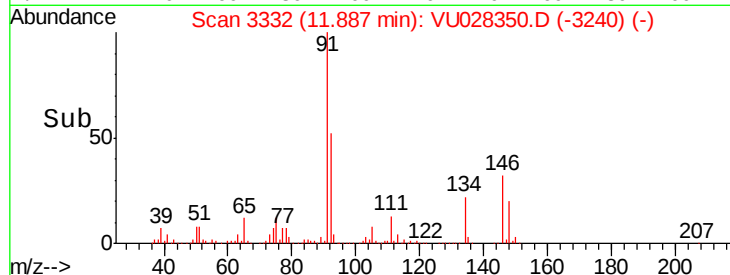
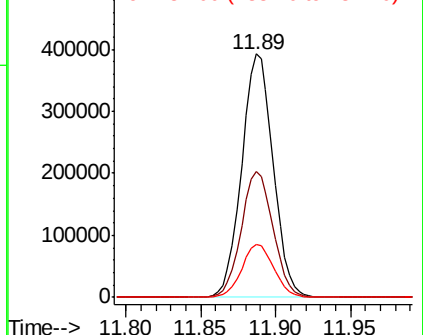
#89
n-Butylbenzene
Concen: 54.654 ug/l
RT: 11.89 min Scan# 3332
Delta R.T. -0.00 min
Lab File: VU028350.D
Acq: 27 Nov 2018 21:01

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

Tot Ion: 91 Resp: 573206
Ion Ratio Lower Upper
91 100
92 52.2 26.2 78.5
134 22.2 11.5 34.5

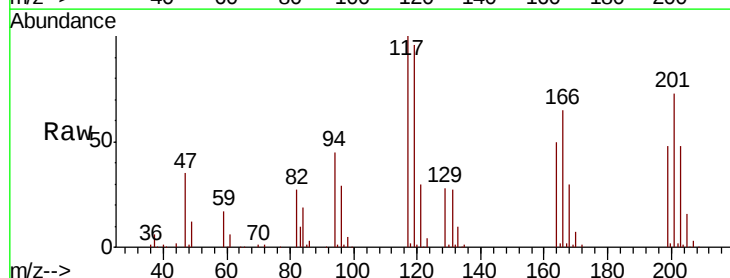


Abundance Ion 91.00 (90.70 to 91.70): VU027906.D (-3319) (-)
Ion 92.00 (91.70 to 92.70): VU027906.D (-3319) (-)
Ion 134.00 (133.70 to 134.70): VU027906.D (-3319) (-)

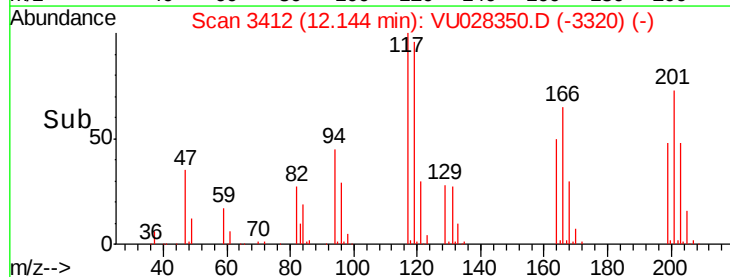
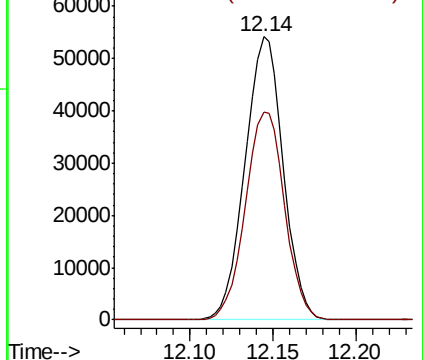


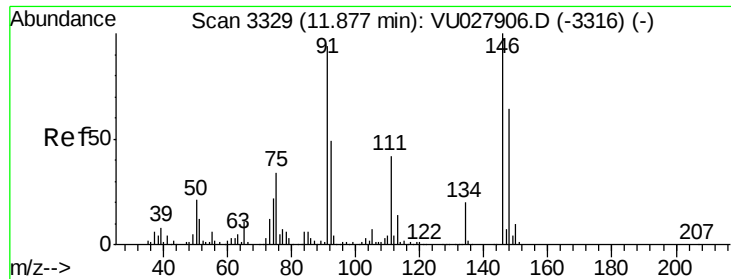
#90
Hexachloroethane
Concen: 44.113 ug/l
RT: 12.14 min Scan# 3412
Delta R.T. -0.00 min
Lab File: VU028350.D
Acq: 27 Nov 2018 21:01

Tgt Ion: 117 Resp: 86672
Ion Ratio Lower Upper
117 100
201 75.4 38.5 115.5



Abundance Ion 116.80 (116.50 to 117.50): VU027906.D (-3399) (-)
Ion 200.70 (200.40 to 201.40): VU027906.D (-3399) (-)

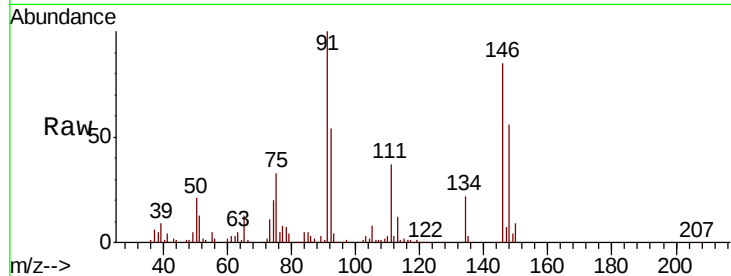




#91
 1,2-Dichlorobenzene
 Concen: 52.390 ug/l
 RT: 11.88 min Scan# 3329
 Delta R.T. 0.00 min
 Lab File: VU028350.D
 Acq: 27 Nov 2018 21:01

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
146	100		
111	43.2	21.3	64.0
148	63.7	31.8	95.3

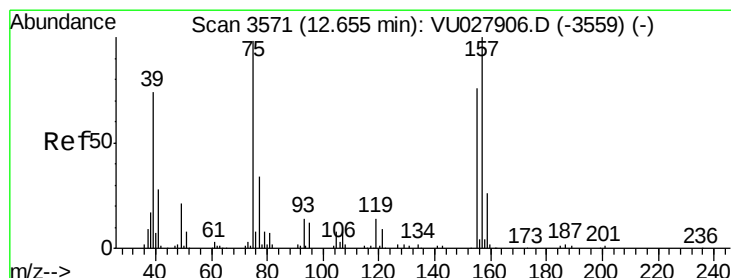
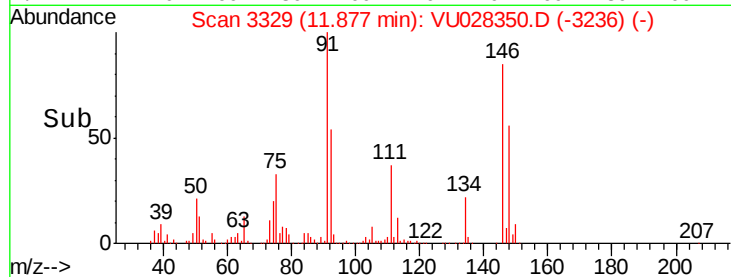
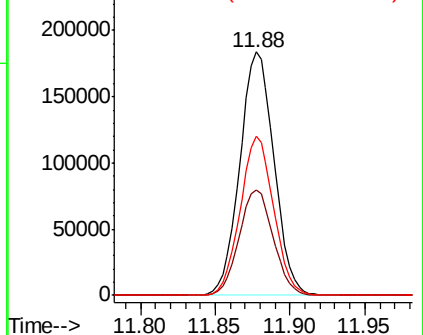


Abundance

Ion 145.90 (145.60 to 146.60): V

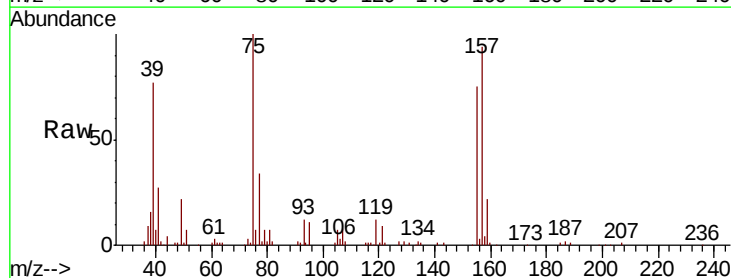
Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 57.120 ug/l
 RT: 12.66 min Scan# 3571
 Delta R.T. 0.00 min
 Lab File: VU028350.D
 Acq: 27 Nov 2018 21:01

Tgt Ion	Ratio	Lower	Upper
75	100		
155	72.8	39.8	119.3
157	93.2	50.6	151.9

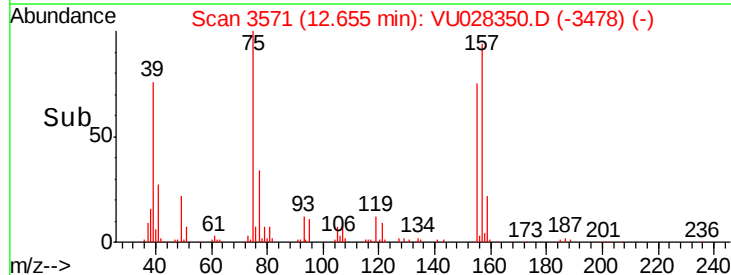
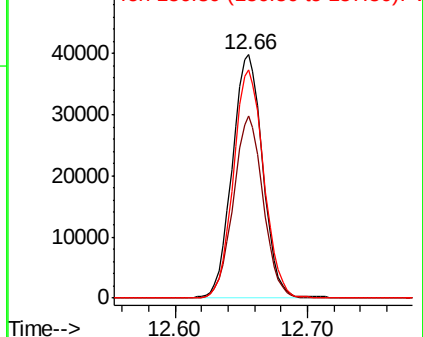


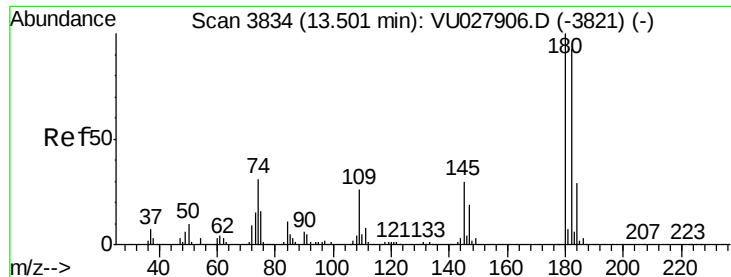
Abundance

Ion 74.90 (74.60 to 75.60): V

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

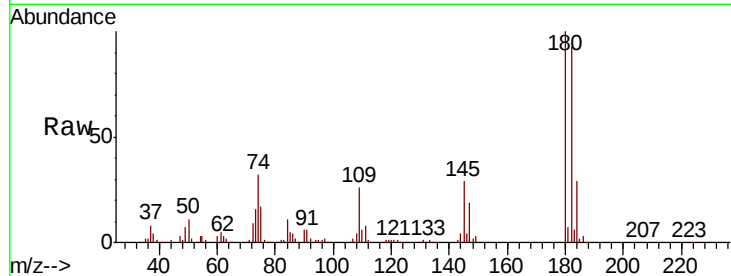




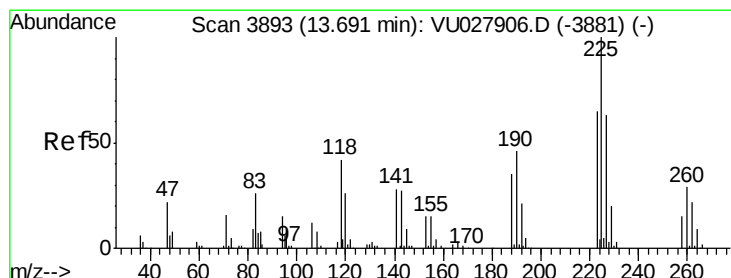
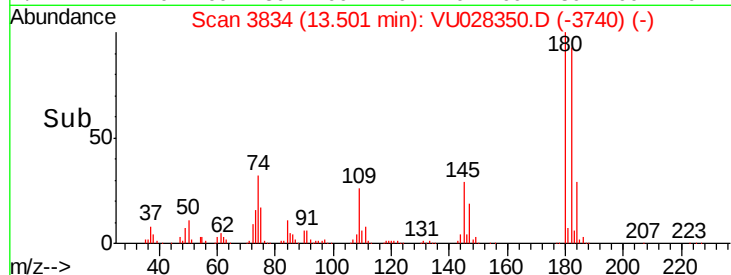
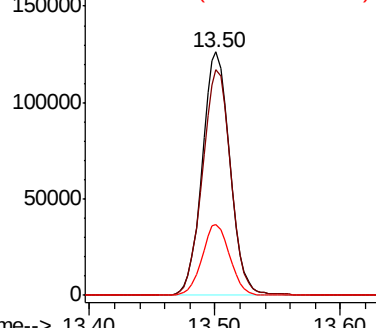
#93
 1,2,4-Trichlorobenzene
 Concen: 49.436 ug/l
 RT: 13.50 min Scan# 3834
 Delta R.T. 0.00 min
 Lab File: VU028350.D
 Acq: 27 Nov 2018 21:01

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050EC

Tot Ion:180 Resp: 193538
 Ion Ratio Lower Upper
 180 100
 182 94.3 48.4 145.2
 145 29.2 14.9 44.5

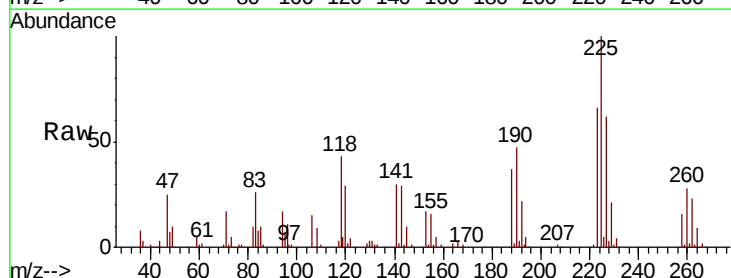


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

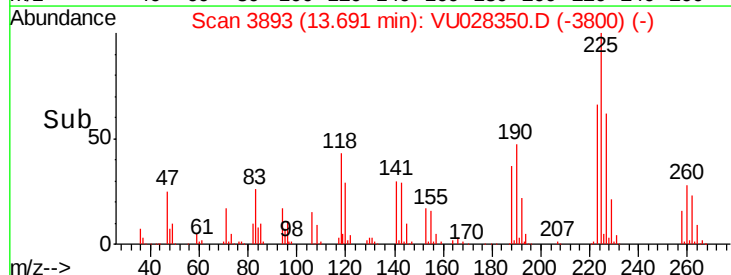
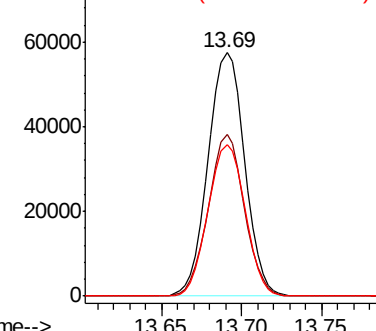


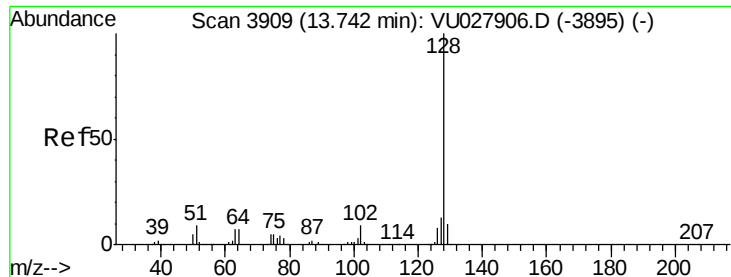
#94
 Hexachlorobutadiene
 Concen: 50.419 ug/l
 RT: 13.69 min Scan# 3893
 Delta R.T. 0.00 min
 Lab File: VU028350.D
 Acq: 27 Nov 2018 21:01

Tgt Ion:225 Resp: 89466
 Ion Ratio Lower Upper
 225 100
 223 65.1 32.2 96.6
 227 63.1 32.5 97.4



Abundance Ion 224.70 (224.40 to 225.40): V
 Ion 222.70 (222.40 to 223.40): V
 Ion 226.70 (226.40 to 227.40): V





#95

Naphthalene

Concen: 51.222 ug/l

RT: 13.74 min Scan# 3908

Delta R.T. -0.00 min

Lab File: VU028350.D

Acq: 27 Nov 2018 21:01

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050EC

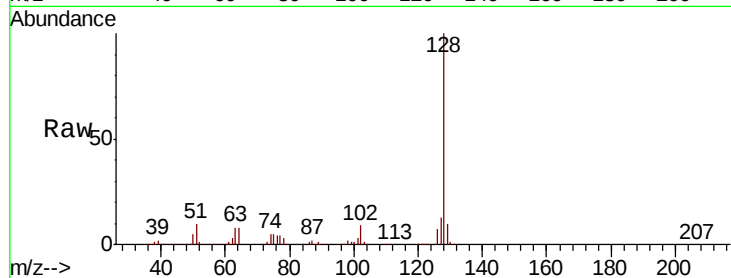
Tot Ion:128 Resp: 710814

Ion	Ratio	Lower	Upper
128	100		
127	13.0	10.4	15.6
129	10.4	8.3	12.5

128 100

127 13.0 10.4 15.6

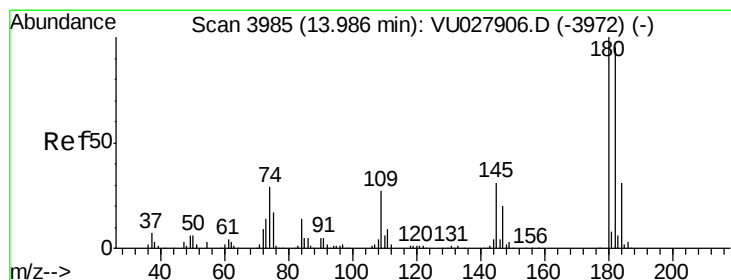
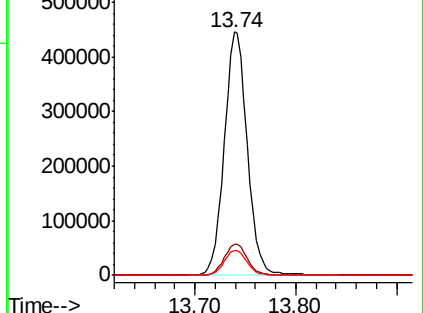
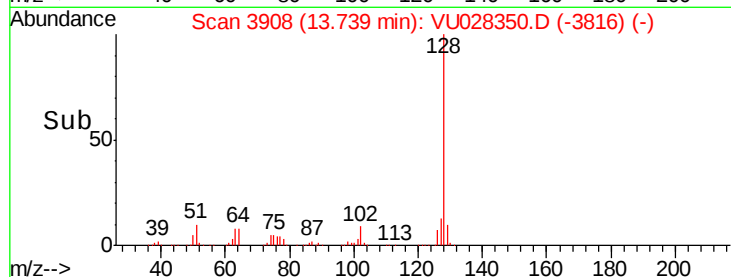
129 10.4 8.3 12.5



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 52.985 ug/l

RT: 13.99 min Scan# 3985

Delta R.T. 0.00 min

Lab File: VU028350.D

Acq: 27 Nov 2018 21:01

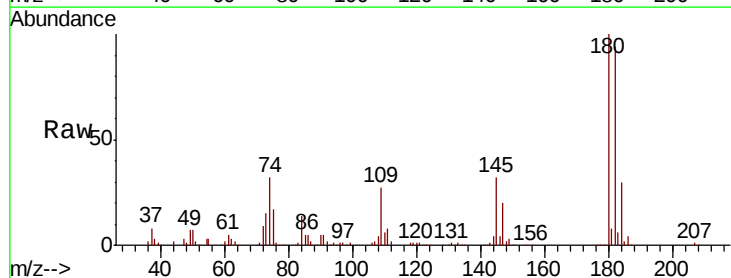
Tgt Ion:180 Resp: 198506

Ion	Ratio	Lower	Upper
180	100		
182	95.2	47.4	142.3
145	32.4	16.0	47.9

180 100

182 95.2 47.4 142.3

145 32.4 16.0 47.9



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

