

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U112718\
 Data File : VU028342.D
 Acq On : 27 Nov 2018 17:41
 Operator : MD/SY
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050

Quant Time: Nov 28 04:20:03 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	195353	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.88	114	340023	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	313730	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.48	152	158382	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	5.31	65	164501	56.64	ug/l	0.00
Spiked Amount			Recovery	=	113.28%	
35) Dibromofluoromethane	4.88	113	115474	53.86	ug/l	0.00
Spiked Amount			Recovery	=	107.72%	
50) Toluene-d8	7.56	98	454536	54.88	ug/l	0.00
Spiked Amount			Recovery	=	109.76%	
62) 4-Bromofluorobenzene	10.30	95	169284	55.42	ug/l	0.00
Spiked Amount			Recovery	=	110.84%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.21	85	112077	45.150	ug/l	96
3) Chloromethane	1.33	50	236219	78.684	ug/l	97
4) Vinyl Chloride	1.40	62	168249	56.466	ug/l	99
5) Bromomethane	1.60	94	65060	52.490	ug/l	100
6) Chloroethane	1.68	64	104895	61.089	ug/l	98
7) Trichlorofluoromethane	1.88	101	196049	56.939	ug/l	96
8) Diethyl Ether	2.10	74	90981	61.712	ug/l	95
9) 1,1,2-Trichlorotrifluoroet	2.28	101	120078	58.707	ug/l	97
10) Methyl Iodide	2.41	142	100565	52.986	ug/l	99
11) Tert butyl alcohol	2.83	59	197907	257.391	ug/l	100
12) 1,1-Dichloroethene	2.28	96	110752	54.094	ug/l	93
13) Acrolein	2.19	56	38808	134.062	ug/l	94
14) Allyl chloride	2.59	41	285274	57.010	ug/l	99
15) Acrylonitrile	2.93	53	564595	298.930	ug/l	99
16) Acetone	2.32	43	655116	363.548	ug/l	98
17) Carbon Disulfide	2.48	76	369807	55.260	ug/l	100
18) Methyl Acetate	2.61	43	313295	63.202	ug/l	99
19) Methyl tert-butyl Ether	3.00	73	479523	58.078	ug/l	98
20) Methylene Chloride	2.70	84	149787	56.931	ug/l	94
21) trans-1,2-Dichloroethene	2.98	96	127405	53.921	ug/l	97
22) Diisopropyl ether	3.57	45	613879	59.422	ug/l	98
23) Vinyl Acetate	3.52	43	2558268	288.139	ug/l	99
24) 1,1-Dichloroethane	3.44	63	301506	58.593	ug/l	99
25) 2-Butanone	4.26	43	917477	320.033	ug/l	99
26) 2,2-Dichloropropane	4.22	77	243604	63.083	ug/l	97
27) cis-1,2-Dichloroethene	4.22	96	153350	57.877	ug/l	95
28) Bromochloromethane	4.55	49	153184	63.500	ug/l	94
29) Tetrahydrofuran	4.63	42	531800	277.805	ug/l	99
30) Chloroform	4.67	83	273710	58.012	ug/l	98
31) Cyclohexane	4.99	56	281012	55.847	ug/l	98
32) 1,1,1-Trichloroethane	4.91	97	220520	58.715	ug/l	99
36) 1,1-Dichloropropene	5.13	75	203761	57.217	ug/l	98
37) Ethyl Acetate	4.38	43	290118	55.600	ug/l	100
38) Carbon Tetrachloride	5.13	117	175214	55.519	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	6.41	83	239146	55.678	ug/l	97
40) Benzene	5.39	78	621379	57.071	ug/l	100
41) Methacrylonitrile	4.54	41	170667	61.289	ug/l	99
42) 1,2-Dichloroethane	5.40	62	229908	59.406	ug/l	98
43) Isopropyl Acetate	5.55	43	466076	57.013	ug/l	99
44) Trichloroethene	6.18	130	131076	56.006	ug/l	98
45) 1,2-Dichloropropane	6.43	63	186391	59.360	ug/l	99
46) Dibromomethane	6.56	93	105043	58.199	ug/l	95
47) Bromodichloromethane	6.76	83	211831	60.902	ug/l	100
48) Methyl methacrylate	6.62	41	240323	59.990	ug/l	98
49) 1,4-Dioxane	6.61	88	74828	1144.874	ug/l	94
51) 4-Methyl-2-Pentanone	7.46	43	1578326	289.098	ug/l	99
52) Toluene	7.64	92	363881	56.848	ug/l	100
53) t-1,3-Dichloropropene	7.88	75	250964	58.000	ug/l	100
54) cis-1,3-Dichloropropene	7.27	75	269894	62.944	ug/l	100
55) 1,1,2-Trichloroethane	8.06	97	150290	57.711	ug/l	97
56) Ethyl methacrylate	8.02	69	263909	57.466	ug/l	98
57) 1,3-Dichloropropane	8.24	76	280055	59.037	ug/l	100
58) 2-Chloroethyl Vinyl ether	7.13	63	633179	257.432	ug/l	98
59) 2-Hexanone	8.36	43	1298639	307.549	ug/l	99
60) Dibromochloromethane	8.48	129	149403	60.628	ug/l	99
61) 1,2-Dibromoethane	8.58	107	156766	56.653	ug/l	99
64) Tetrachloroethene	8.22	164	115093	56.576	ug/l	97
65) Chlorobenzene	9.12	112	376250	56.764	ug/l	99
66) 1,1,1,2-Tetrachloroethane	9.21	131	130846	57.794	ug/l	99
67) Ethyl Benzene	9.25	91	710714	58.253	ug/l	100
68) m/p-Xylenes	9.37	106	514324	116.183	ug/l	96
69) o-Xylene	9.78	106	253467	56.702	ug/l	96
70) Styrene	9.79	104	423335	59.270	ug/l	99
71) Bromoform	9.96	173	114219	60.198	ug/l #	99
73) Isopropylbenzene	10.17	105	676543	55.139	ug/l	99
74) N-amyl acetate	10.01	43	418768	56.443	ug/l	99
75) 1,1,2,2-Tetrachloroethane	10.46	83	283058	57.192	ug/l	98
76) 1,2,3-Trichloropropane	10.49	75	343508	79.292	ug/l	79
77) Bromobenzene	10.45	156	155270	55.188	ug/l	95
78) n-propylbenzene	10.58	91	846662	57.648	ug/l	99
79) 2-Chlorotoluene	10.66	91	498900	56.672	ug/l	98
80) 1,3,5-Trimethylbenzene	10.77	105	576350	56.705	ug/l	99
81) trans-1,4-Dichloro-2-buten	10.49	75	343508	197.196	ug/l #	100
82) 4-Chlorotoluene	10.77	91	573402	57.374	ug/l	98
83) tert-Butylbenzene	11.10	119	551105	54.237	ug/l	97
84) 1,2,4-Trimethylbenzene	11.15	105	600226	58.645	ug/l	99
85) sec-Butylbenzene	11.32	105	719229	58.201	ug/l	99
86) p-Isopropyltoluene	11.48	119	599481	58.029	ug/l	99
87) 1,3-Dichlorobenzene	11.41	146	293299	56.434	ug/l	99
88) 1,4-Dichlorobenzene	11.51	146	292015	54.818	ug/l	99
89) n-Butylbenzene	11.89	91	604264	61.547	ug/l	99
90) Hexachloroethane	12.14	117	91771	49.896	ug/l	99
91) 1,2-Dichlorobenzene	11.88	146	297190	56.862	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.66	75	63706	61.087	ug/l	93

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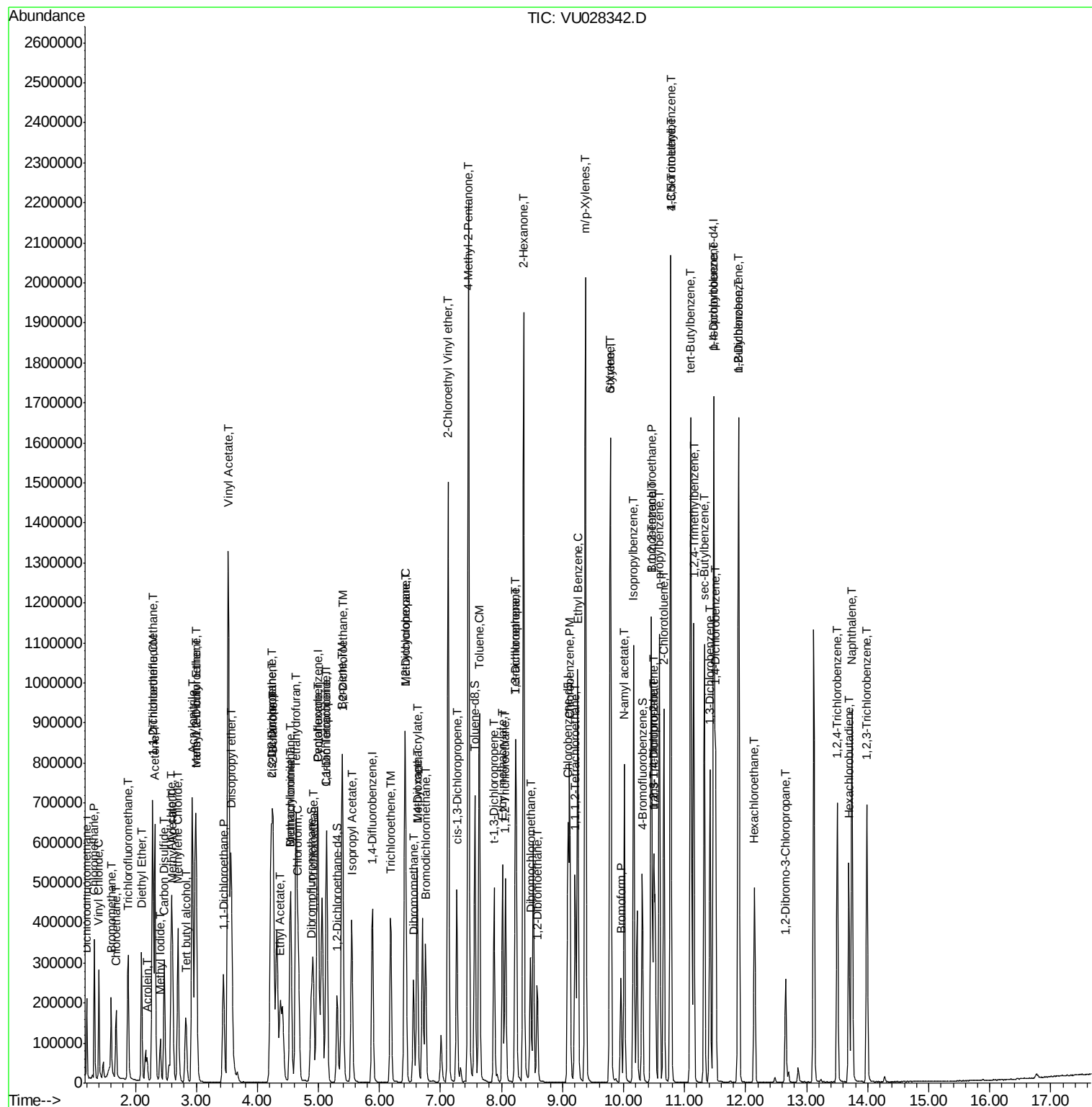
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.50	180	196978	53.688	ug/l	98
94) Hexachlorobutadiene	13.69	225	95327	57.388	ug/l	98
95) Naphthalene	13.74	128	691364	53.228	ug/l	100
96) 1,2,3-Trichlorobenzene	13.99	180	201903	57.569	ug/l	100

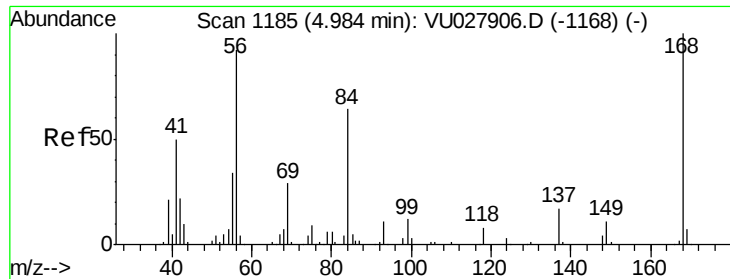
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.98 min Scan# 1184

Delta R.T. -0.00 min

Lab File: VU028342.D

Acq: 27 Nov 2018 17:41

Instrument :

MSVOA_U

ClientSampleId :

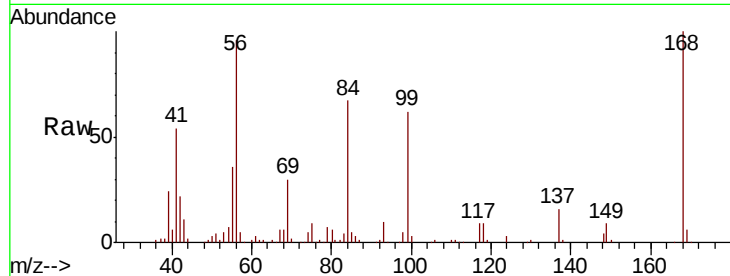
VSTDCCC050

Tot Ion:168 Resp: 195353

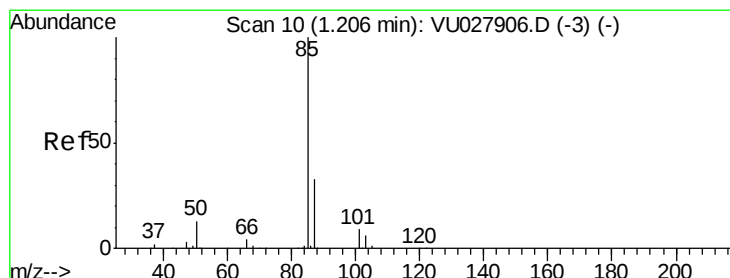
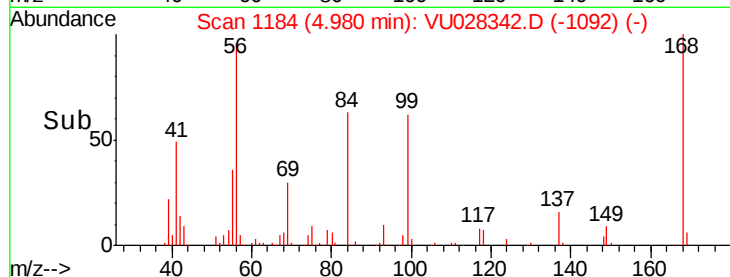
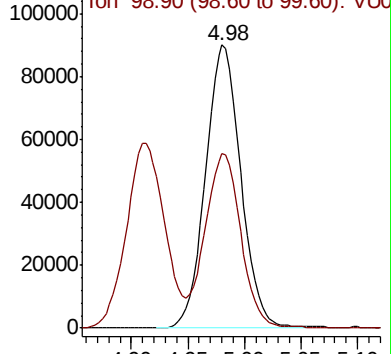
Ion Ratio Lower Upper

168 100

99 61.2 47.9 71.9



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



#2

Dichlorodifluoromethane

Concen: 45.150 ug/l

RT: 1.21 min Scan# 10

Delta R.T. 0.00 min

Lab File: VU028342.D

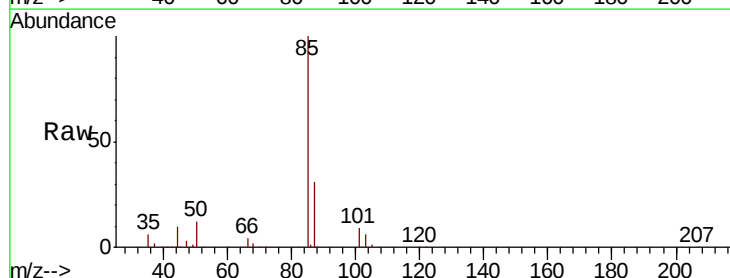
Acq: 27 Nov 2018 17:41

Tgt Ion: 85 Resp: 112077

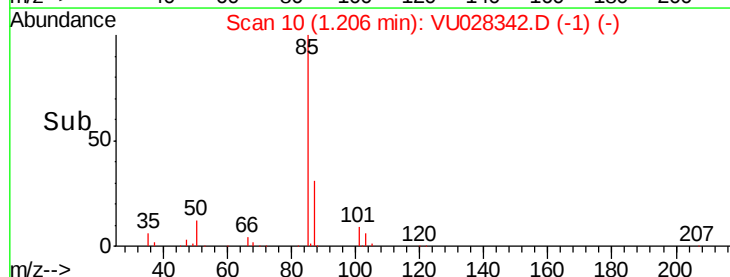
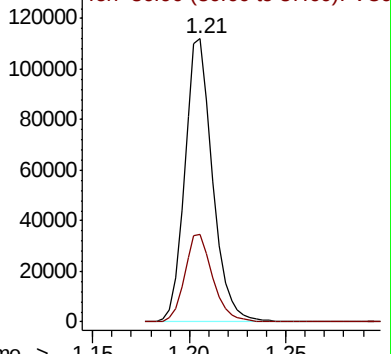
Ion Ratio Lower Upper

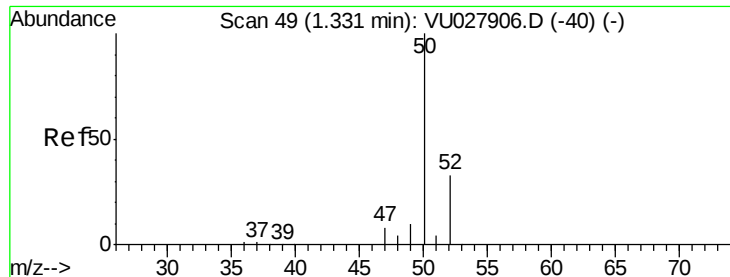
85 100

87 30.9 16.5 49.5



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





#3

Chloromethane

Concen: 78.684 ug/l

RT: 1.33 min Scan# 48

Delta R.T. -0.00 min

Lab File: VU028342.D

Acq: 27 Nov 2018 17:41

Instrument :

MSVOA_U

ClientSampleId :

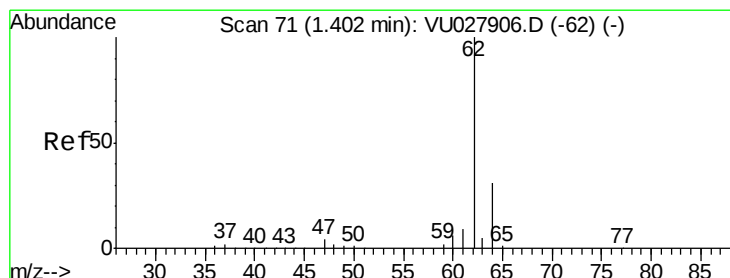
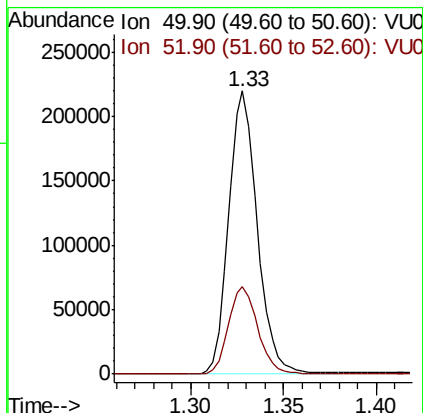
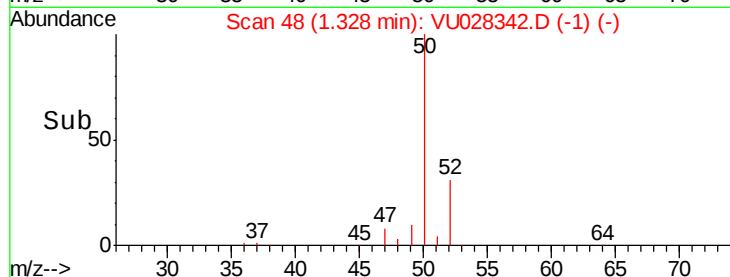
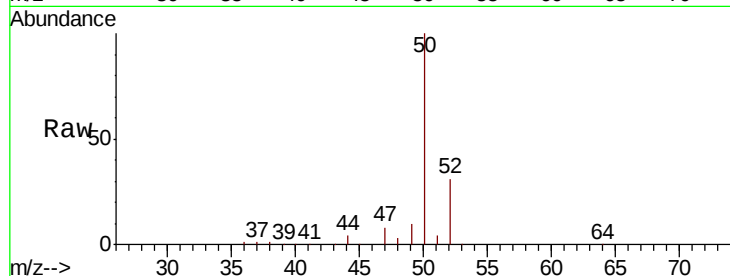
VSTDCCC050

Tot Ion: 50 Resp: 236219

Ion Ratio Lower Upper

50 100

52 31.1 26.2 39.4



#4

Vinyl Chloride

Concen: 56.466 ug/l

RT: 1.40 min Scan# 71

Delta R.T. 0.00 min

Lab File: VU028342.D

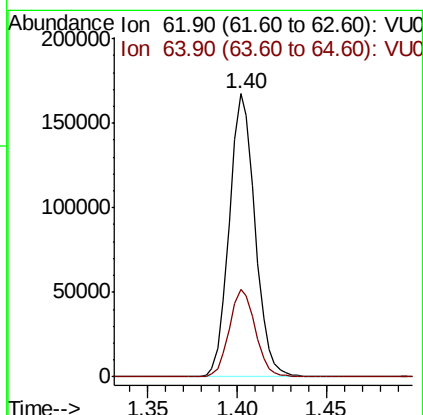
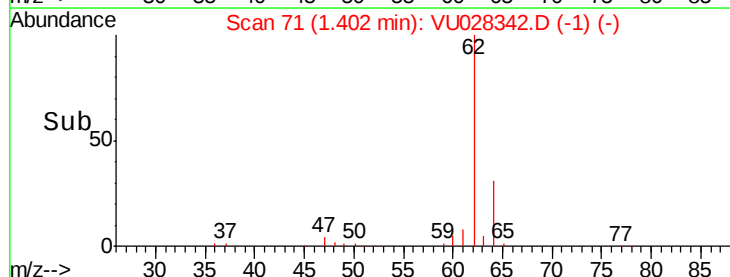
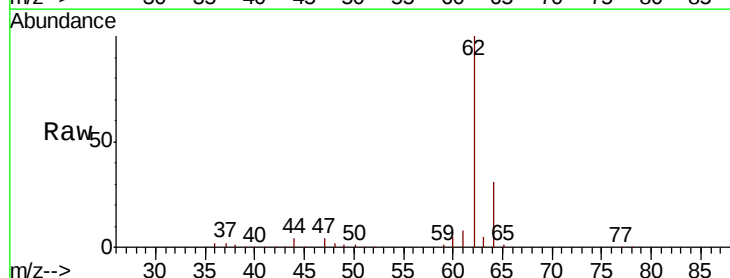
Acq: 27 Nov 2018 17:41

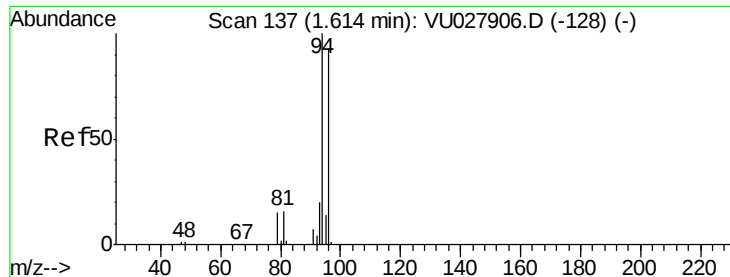
Tgt Ion: 62 Resp: 168249

Ion Ratio Lower Upper

62 100

64 30.7 25.2 37.8





#5

Bromomethane

Concen: 52.490 ug/l

RT: 1.60 min Scan# 134

Delta R.T. -0.01 min

Lab File: VU028342.D

Acq: 27 Nov 2018 17:41

Instrument :

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ClientSampleId :

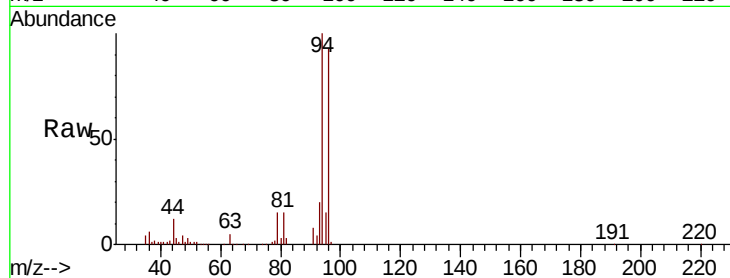
VSTDCCC050

Tot Ion: 94 Resp: 65060

Ion Ratio Lower Upper

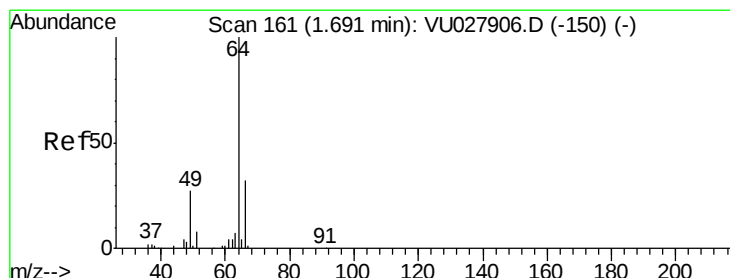
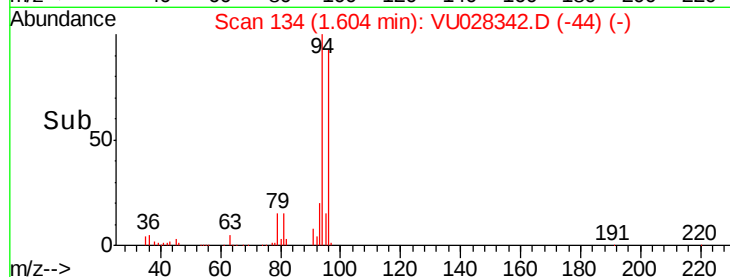
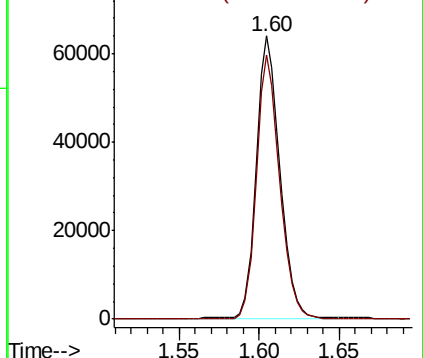
94 100

96 93.3 74.8 112.2



Abundance Ion 93.90 (93.60 to 94.60): VU0

Ion 95.90 (95.60 to 96.60): VU0



#6

Chloroethane

Concen: 61.089 ug/l

RT: 1.68 min Scan# 159

Delta R.T. -0.01 min

Lab File: VU028342.D

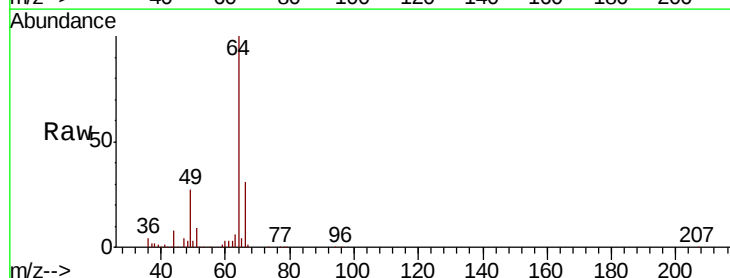
Acq: 27 Nov 2018 17:41

Tgt Ion: 64 Resp: 104895

Ion Ratio Lower Upper

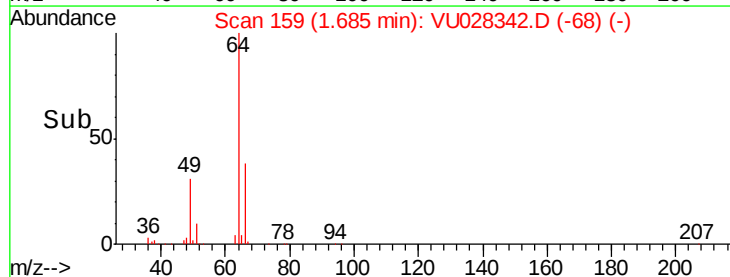
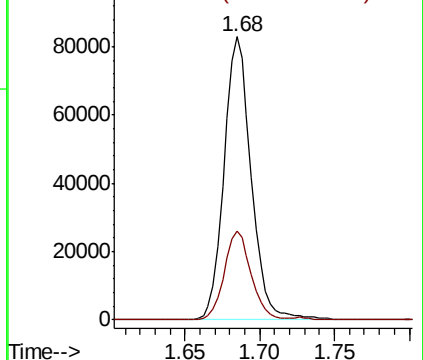
64 100

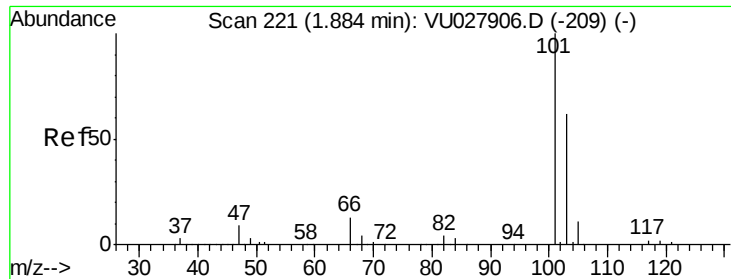
66 31.4 25.9 38.9



Abundance Ion 63.90 (63.60 to 64.60): VU0

Ion 65.90 (65.60 to 66.60): VU0



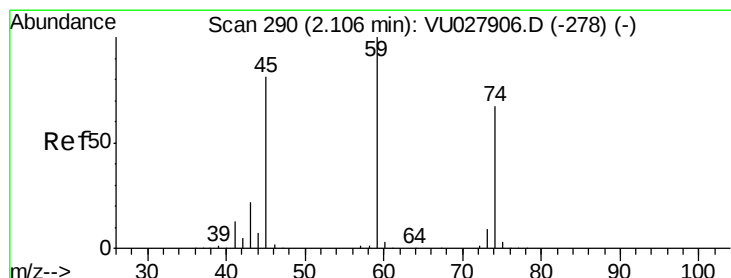
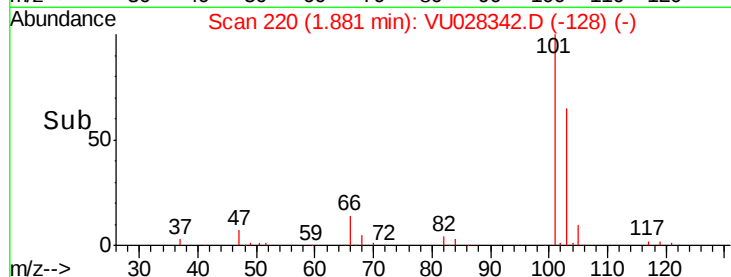
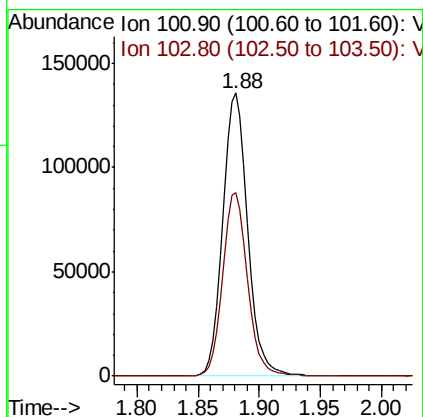
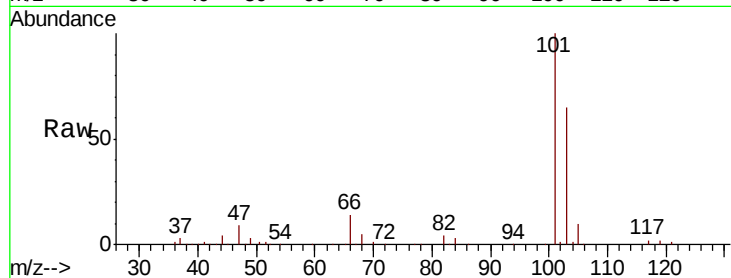


#7

Trichlorofluoromethane
 Concen: 56.939 ug/l
 RT: 1.88 min Scan# 220
 Delta R.T. -0.00 min
 Lab File: VU028342.D
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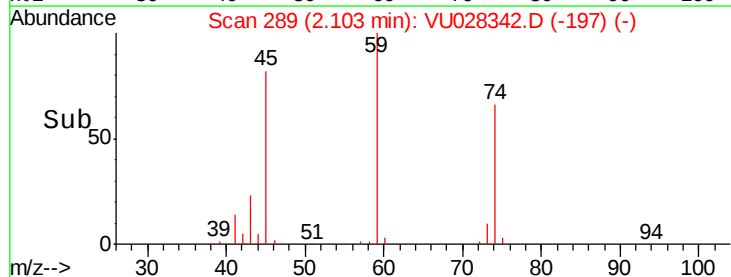
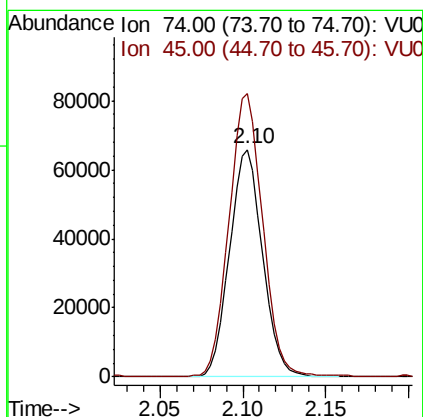
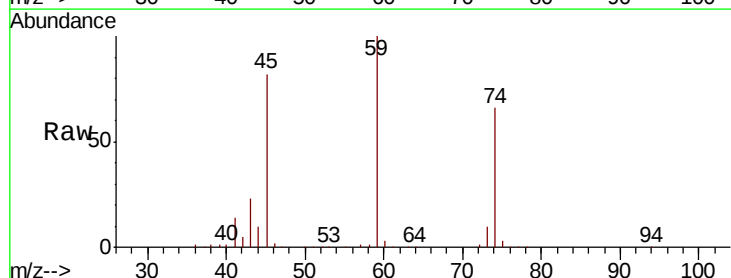
Tot Ion:101 Resp: 196049
 Ion Ratio Lower Upper
 101 100
 103 65.1 49.4 74.2

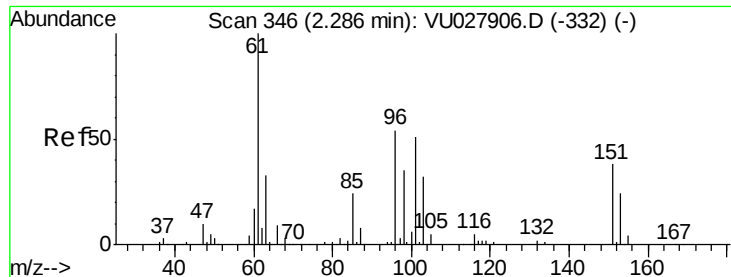


#8

Diethyl Ether
 Concen: 61.712 ug/l
 RT: 2.10 min Scan# 289
 Delta R.T. -0.00 min
 Lab File: VU028342.D
 Acq: 27 Nov 2018 17:41

Tgt Ion: 74 Resp: 90981
 Ion Ratio Lower Upper
 74 100
 45 126.5 60.5 181.5

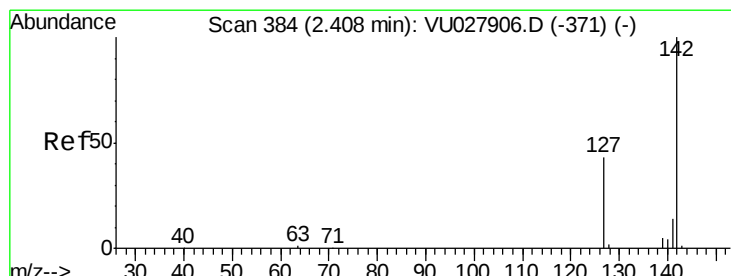
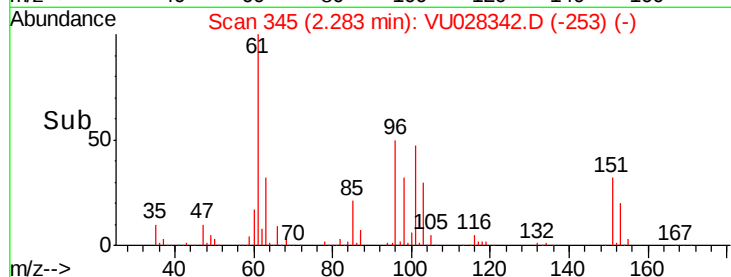
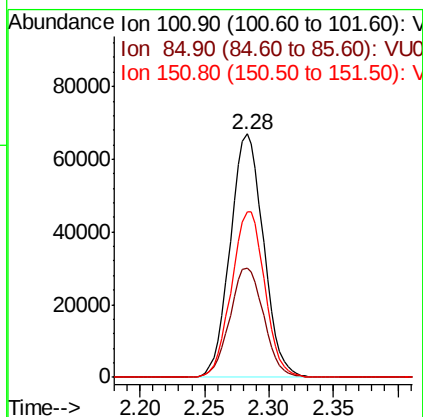
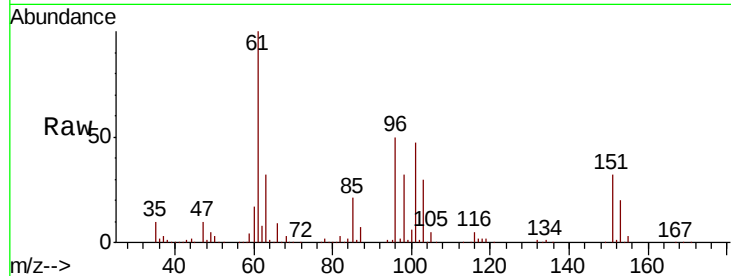




#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 58.707 ug/l
 RT: 2.28 min Scan# 345
 Delta R.T. -0.00 min
 Lab File: VU028342.D
 Acq: 27 Nov 2018 17:41

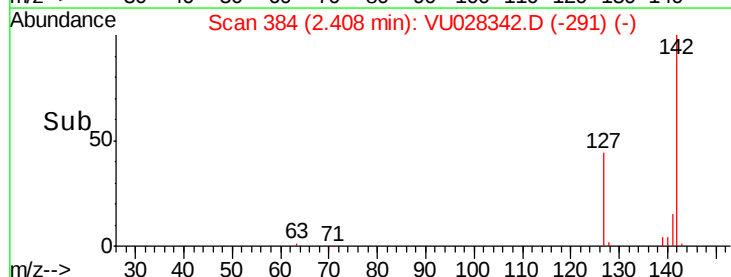
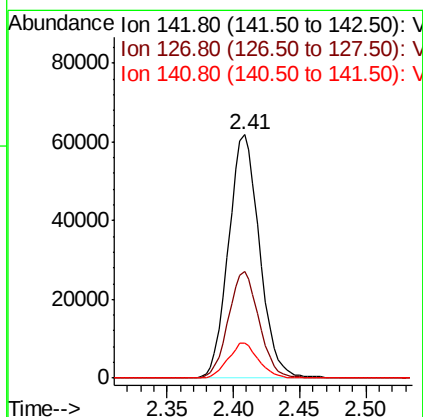
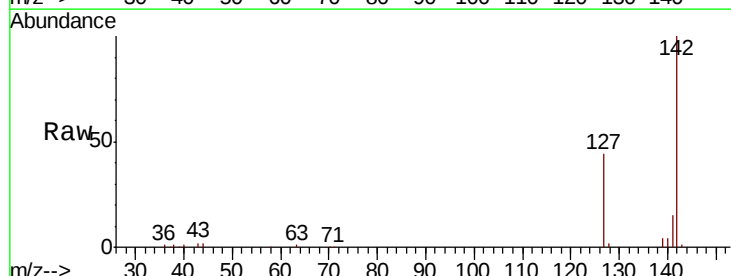
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050

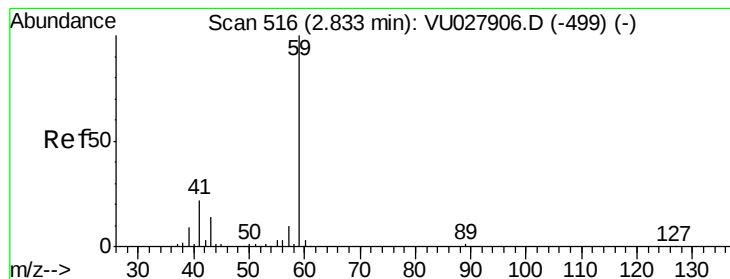
Tot Ion	Ratio	Lower	Upper
101	100		
85	46.0	36.9	55.3
151	68.2	58.0	87.0



#10
 Methyl Iodide
 Concen: 52.986 ug/l
 RT: 2.41 min Scan# 384
 Delta R.T. 0.00 min
 Lab File: VU028342.D
 Acq: 27 Nov 2018 17:41

Tgt Ion	Ratio	Lower	Upper
142	100		
127	43.3	35.2	52.8
141	13.9	11.8	17.8



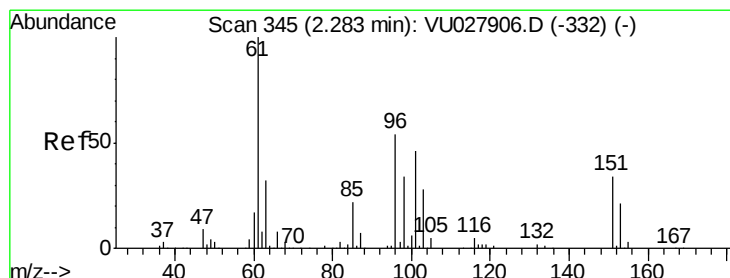
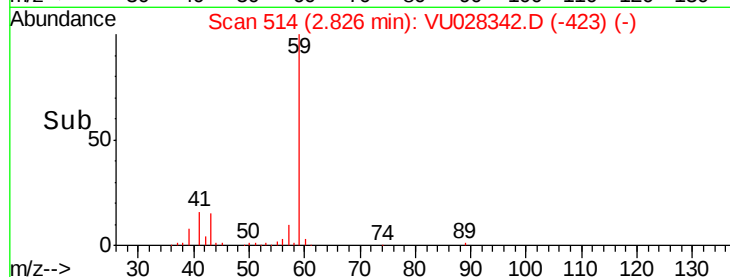
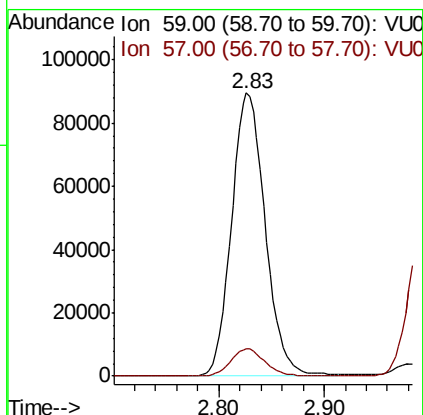
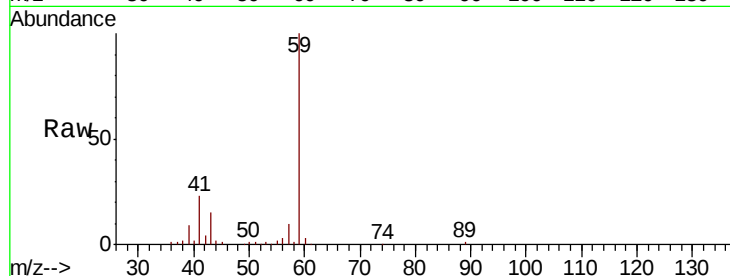


#11

Tert butyl alcohol
 Concen: 257.391 ug/l
 RT: 2.83 min Scan# 514
 Delta R.T. -0.01 min
 Lab File: VU028342.D
 Acq: 27 Nov 2018 17:41

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050

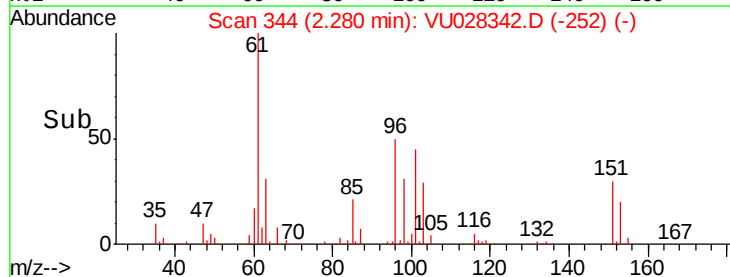
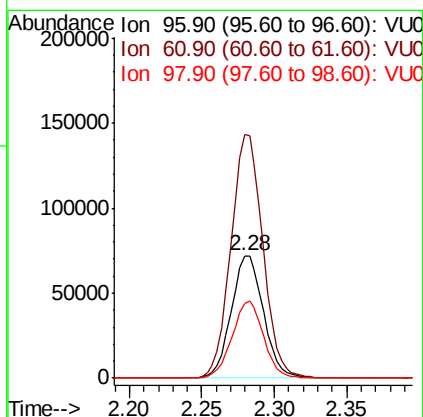
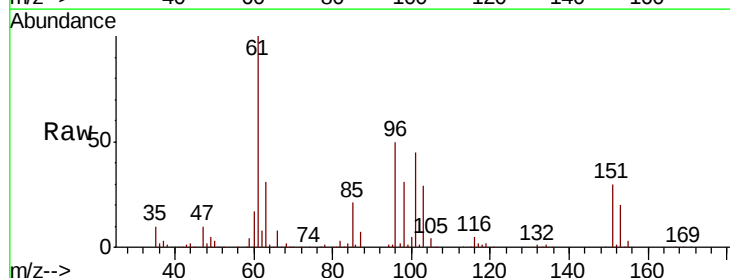
Tot Ion: 59 Resp: 197907
 Ion Ratio Lower Upper
 59 100
 57 9.8 7.8 11.8

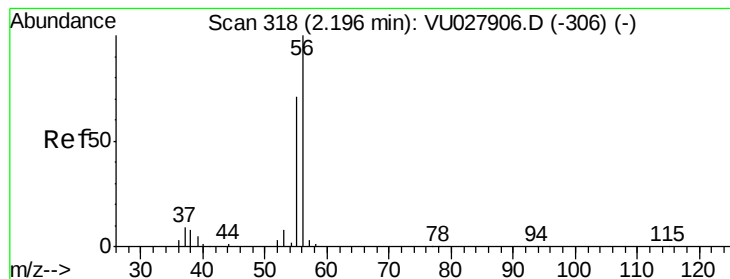


#12

1,1-Dichloroethene
 Concen: 54.094 ug/l
 RT: 2.28 min Scan# 344
 Delta R.T. -0.00 min
 Lab File: VU028342.D
 Acq: 27 Nov 2018 17:41

Tgt Ion: 96 Resp: 110752
 Ion Ratio Lower Upper
 96 100
 61 198.6 149.3 223.9
 98 61.3 50.6 75.8





#13

Acrolein

Concen: 134.062 ug/l

RT: 2.19 min Scan# 317

Delta R.T. -0.00 min

Lab File: VU028342.D

Acq: 27 Nov 2018 17:41

Instrument :

MSVOA_U

ClientSampleId :

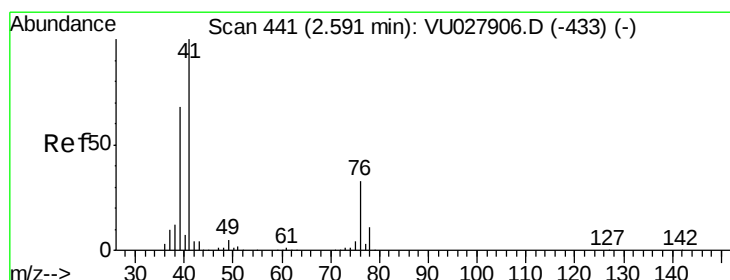
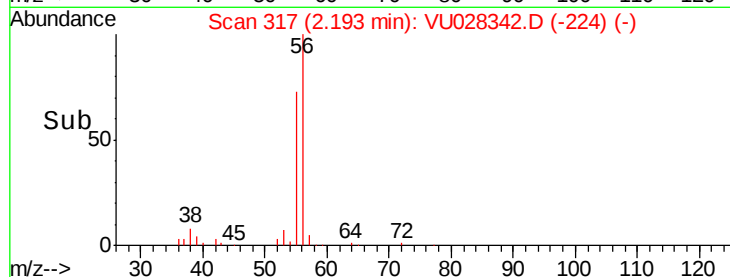
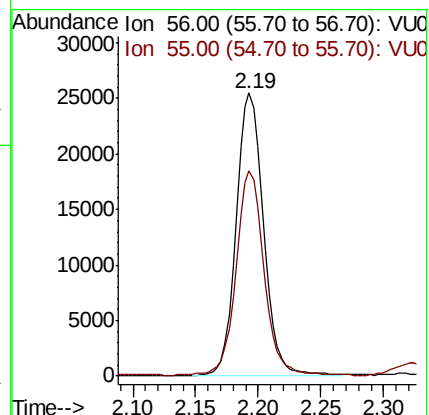
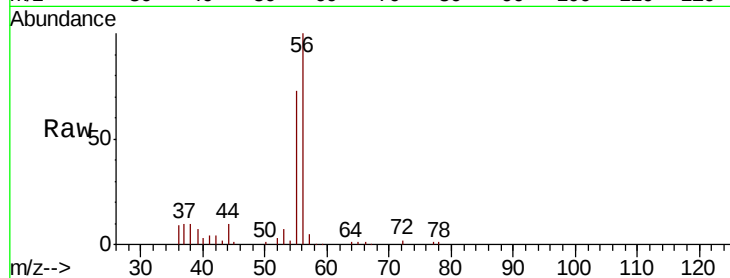
VSTDCCC050

Tot Ion: 56 Resp: 38808

Ion Ratio Lower Upper

56 100

55 75.1 56.2 84.4



#14

Allyl chloride

Concen: 57.010 ug/l

RT: 2.59 min Scan# 441

Delta R.T. 0.00 min

Lab File: VU028342.D

Acq: 27 Nov 2018 17:41

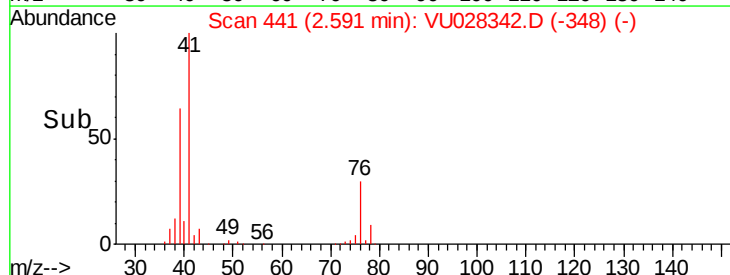
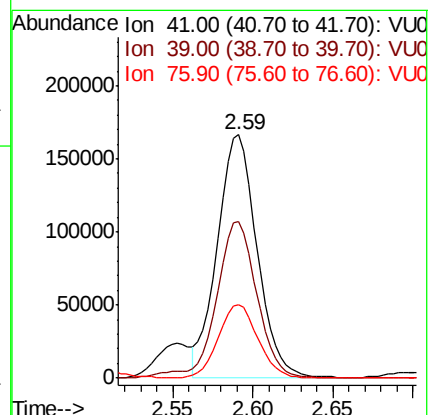
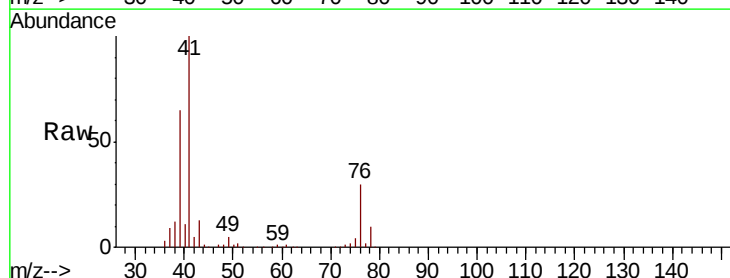
Tgt Ion: 41 Resp: 285274

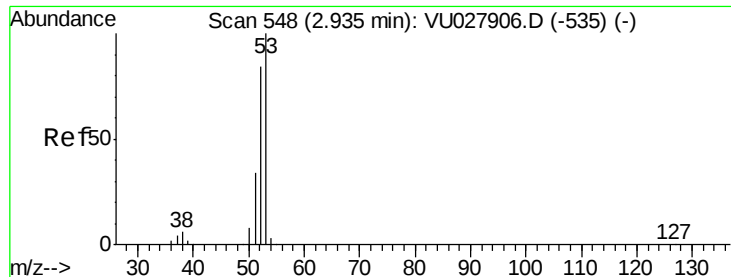
Ion Ratio Lower Upper

41 100

39 66.0 51.9 77.9

76 29.9 23.8 35.6





#15

Acrylonitrile

Concen: 298.930 ug/l

RT: 2.93 min Scan# 547

Delta R.T. -0.00 min

Lab File: VU028342.D

Acq: 27 Nov 2018 17:41

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050

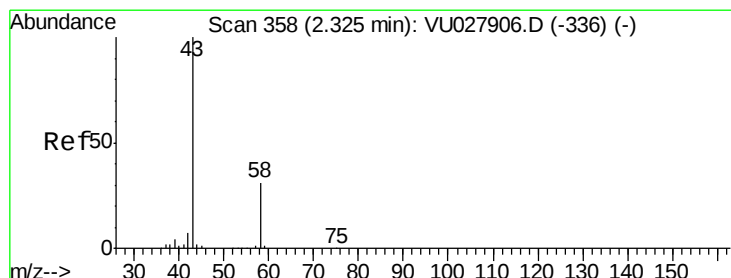
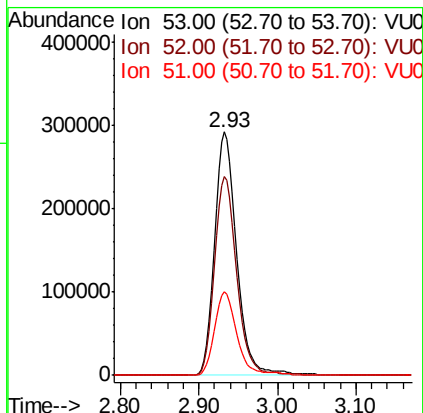
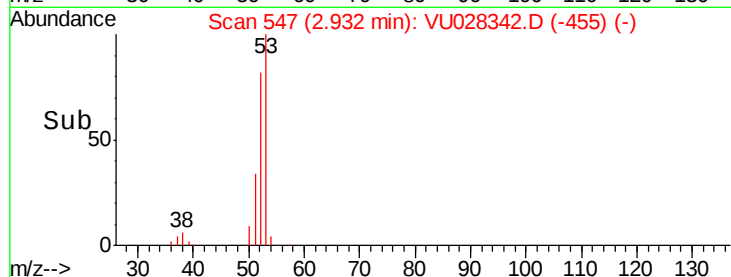
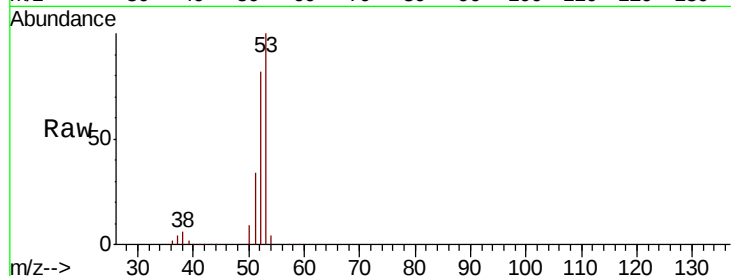
Tot Ion: 53 Resp: 564595

Ion Ratio Lower Upper

53 100

52 82.2 66.2 99.2

51 34.0 27.0 40.4



#16

Acetone

Concen: 363.548 ug/l

RT: 2.32 min Scan# 356

Delta R.T. -0.01 min

Lab File: VU028342.D

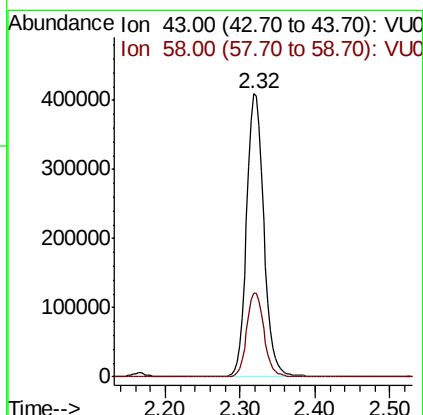
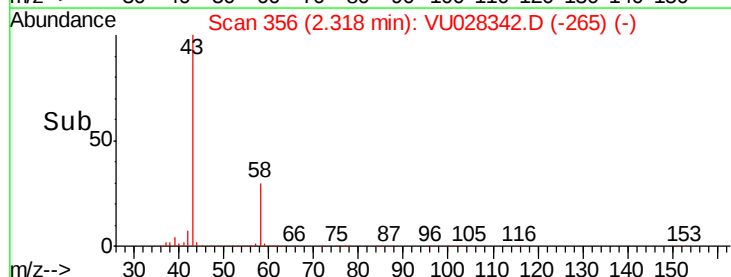
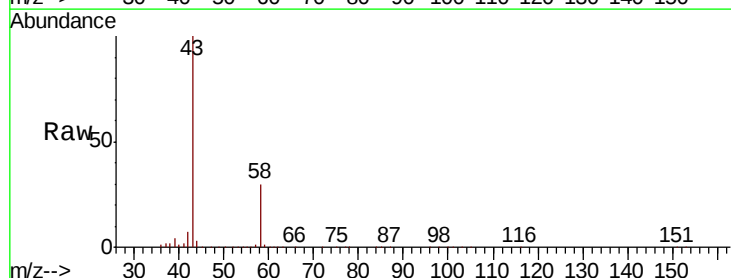
Acq: 27 Nov 2018 17:41

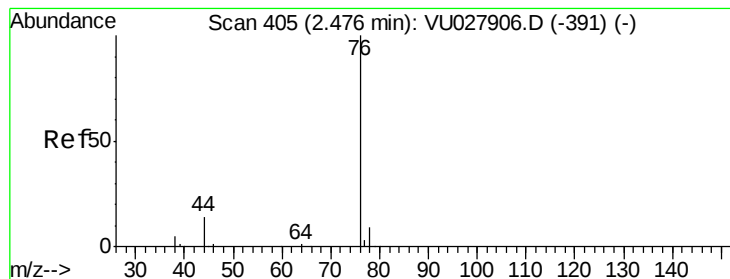
Tgt Ion: 43 Resp: 655116

Ion Ratio Lower Upper

43 100

58 29.8 24.6 37.0





#17

Carbon Disulfide

Concen: 55.260 ug/l

RT: 2.48 min Scan# 405

Delta R.T. 0.00 min

Lab File: VU028342.D

Acq: 27 Nov 2018 17:41

Instrument :

MSVOA_U

ClientSampleId :

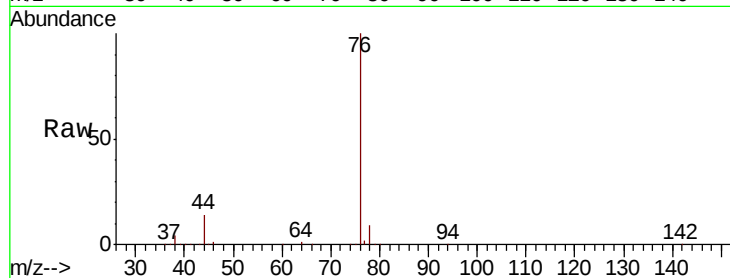
VSTDCCC050

Tot Ion: 76 Resp: 369807

Ion Ratio Lower Upper

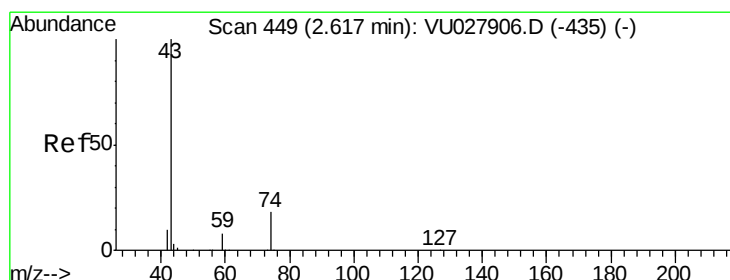
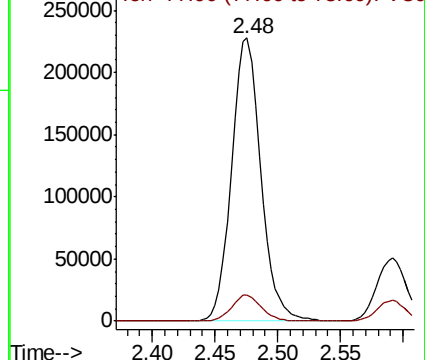
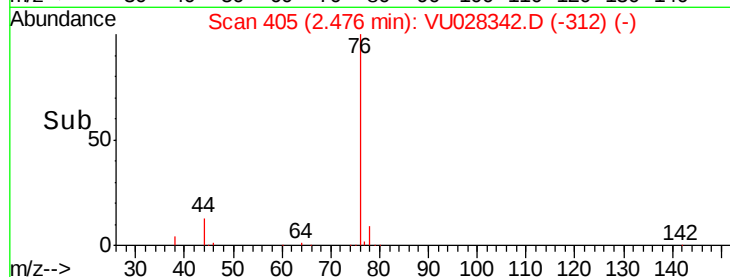
76 100

78 9.2 7.4 11.0



Abundance Ion 75.90 (75.60 to 76.60): VU028342.D (-312) (-)

Ion 77.90 (77.60 to 78.60): VU028342.D (-312) (-)



#18

Methyl Acetate

Concen: 63.202 ug/l

RT: 2.61 min Scan# 448

Delta R.T. -0.00 min

Lab File: VU028342.D

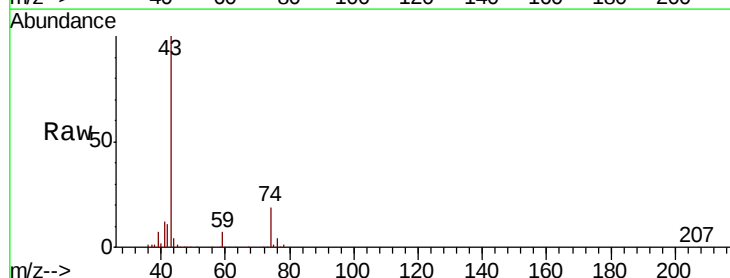
Acq: 27 Nov 2018 17:41

Tgt Ion: 43 Resp: 313295

Ion Ratio Lower Upper

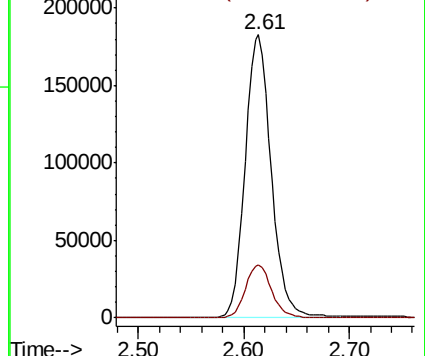
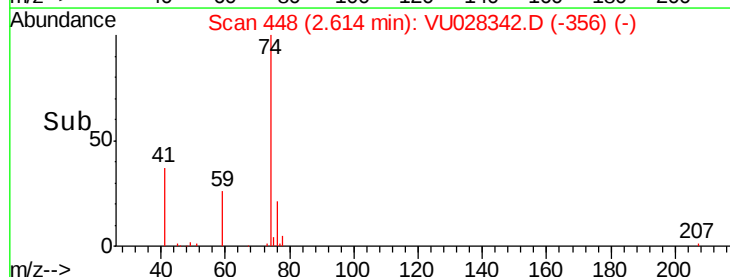
43 100

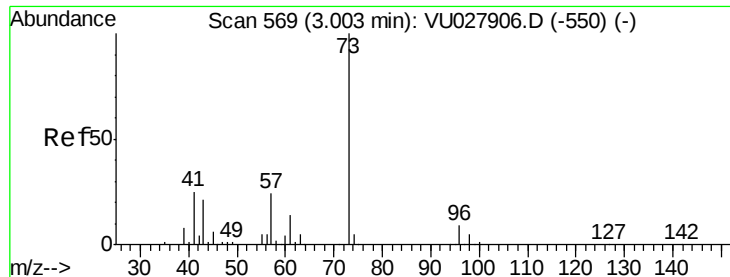
74 19.1 14.9 22.3



Abundance Ion 43.00 (42.70 to 43.70): VU028342.D (-356) (-)

Ion 74.00 (73.70 to 74.70): VU028342.D (-356) (-)



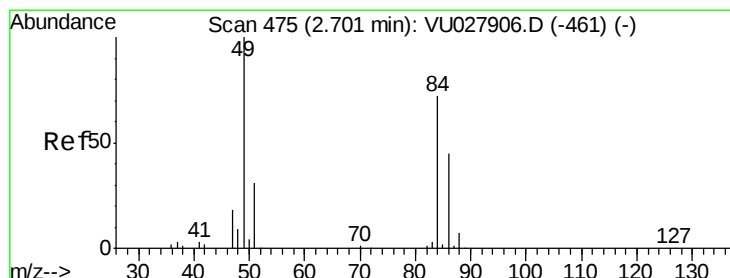
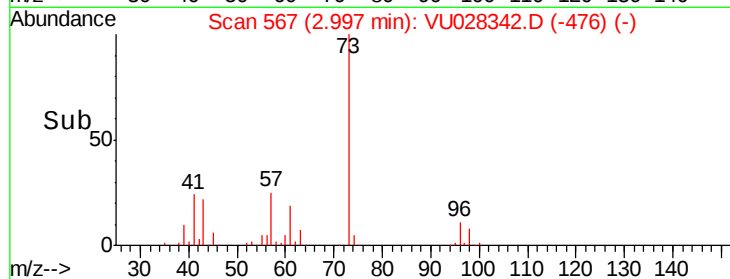
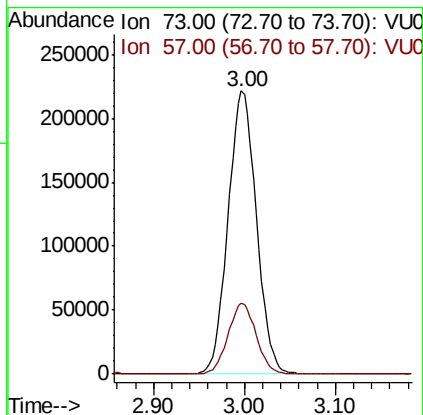
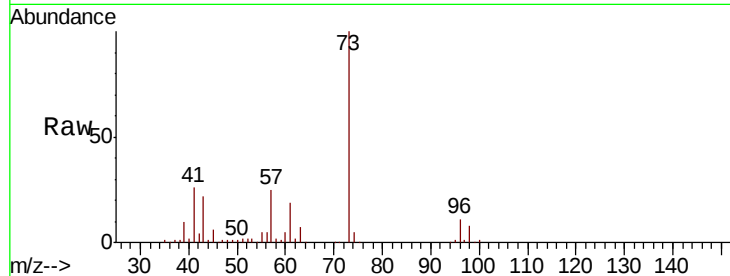


#19

Methyl tert-butyl Ether
 Concen: 58.078 ug/l
 RT: 3.00 min Scan# 567
 Delta R.T. -0.01 min
 Lab File: VU028342.D
 Acq: 27 Nov 2018 17:41

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050

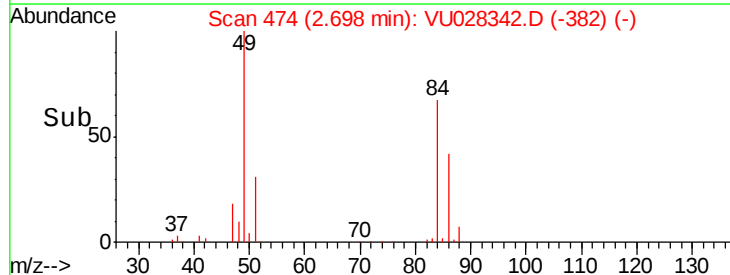
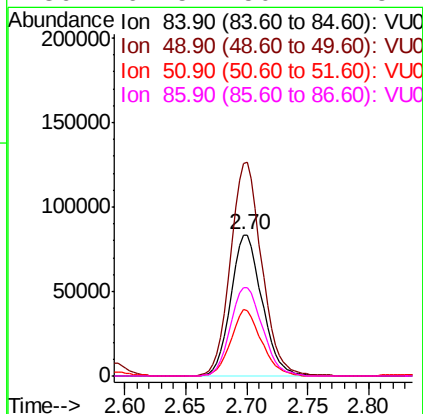
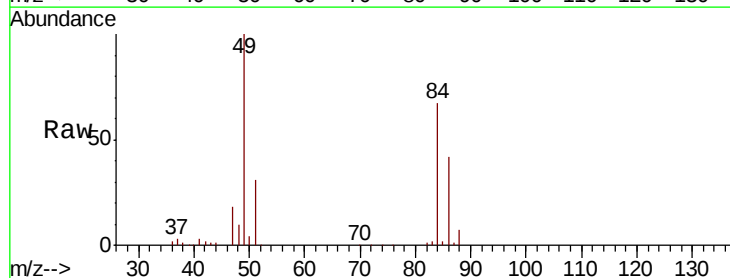
Tot Ion: 73 Resp: 479523
 Ion Ratio Lower Upper
 73 100
 57 25.0 19.3 28.9

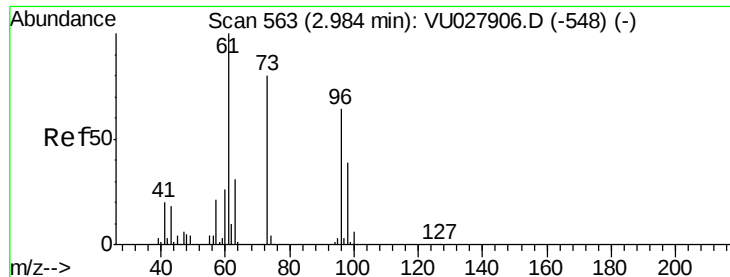


#20

Methylene Chloride
 Concen: 56.931 ug/l
 RT: 2.70 min Scan# 474
 Delta R.T. -0.00 min
 Lab File: VU028342.D
 Acq: 27 Nov 2018 17:41

Tgt Ion: 84 Resp: 149787
 Ion Ratio Lower Upper
 84 100
 49 150.3 111.6 167.4
 51 46.7 34.8 52.2
 86 62.5 50.1 75.1





#21

trans-1,2-Dichloroethene

Concen: 53.921 ug/l

RT: 2.98 min Scan# 562

Delta R.T. -0.00 min

Lab File: VU028342.D

Acq: 27 Nov 2018 17:41

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050

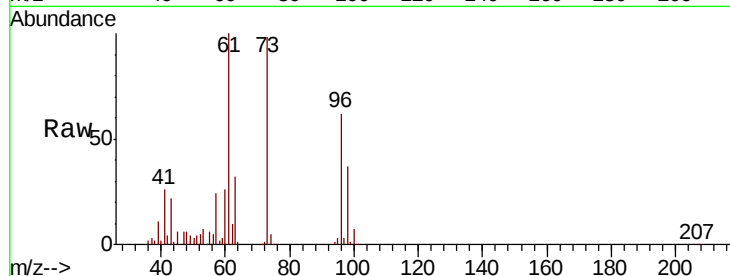
Tot Ion: 96 Resp: 127405

Ion Ratio Lower Upper

96 100

61 161.9 125.0 187.6

98 60.6 48.2 72.4

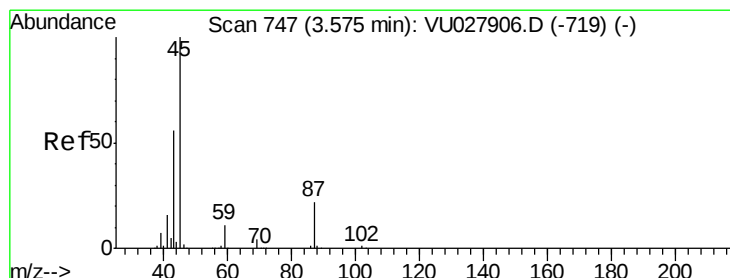
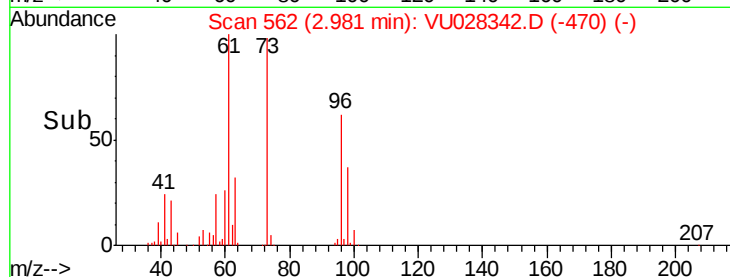
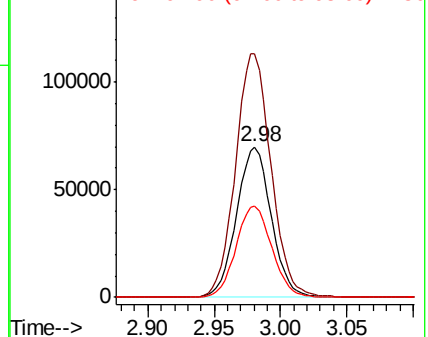


Abundance

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: 59.422 ug/l

RT: 3.57 min Scan# 745

Delta R.T. -0.01 min

Lab File: VU028342.D

Acq: 27 Nov 2018 17:41

Tgt Ion: 45 Resp: 613879

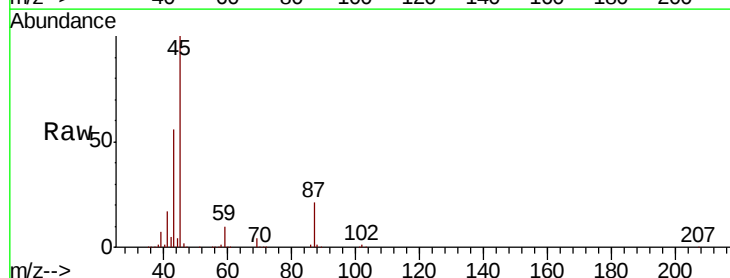
Ion Ratio Lower Upper

45 100

43 55.3 45.0 67.6

87 20.7 17.9 26.9

59 10.4 8.6 12.8



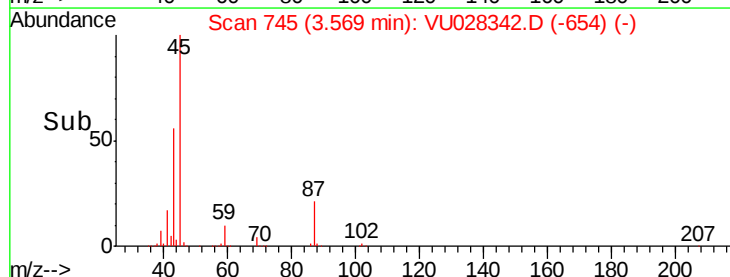
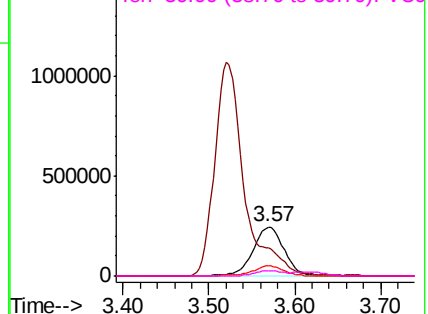
Abundance

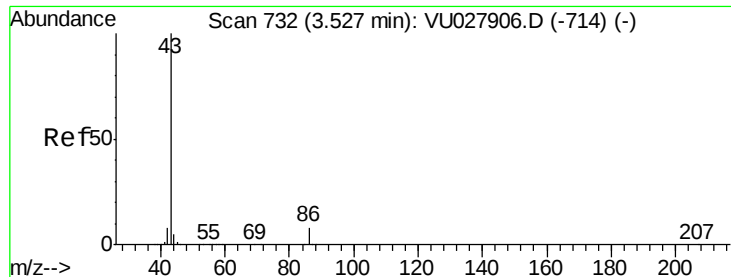
Ion 45.00 (44.70 to 45.70): VU0

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: 288.139 ug/l

RT: 3.52 min Scan# 730

Delta R.T. -0.01 min

Lab File: VU028342.D

Acq: 27 Nov 2018 17:41

Instrument :

MSVOA_U

ClientSampleId :

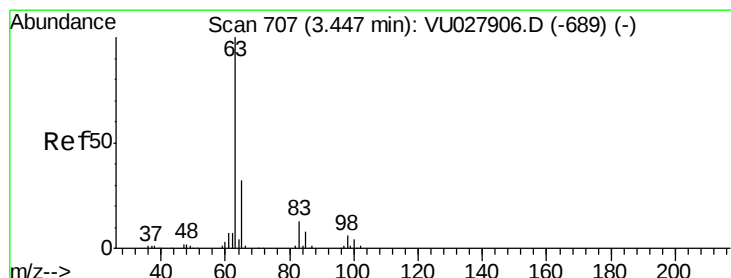
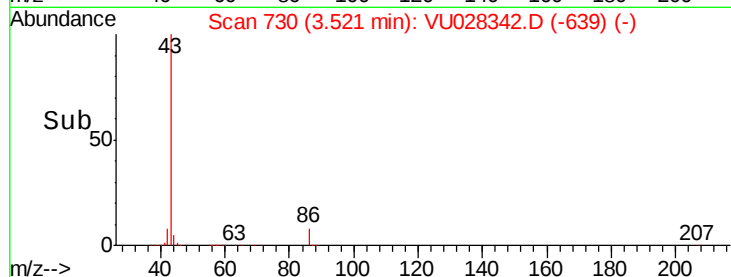
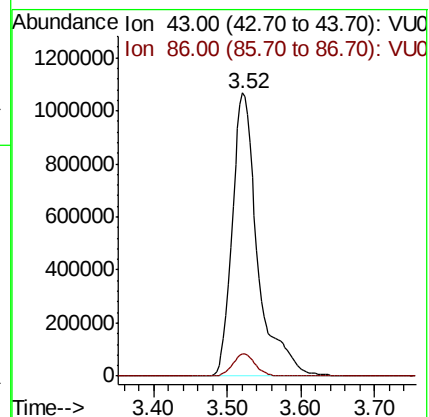
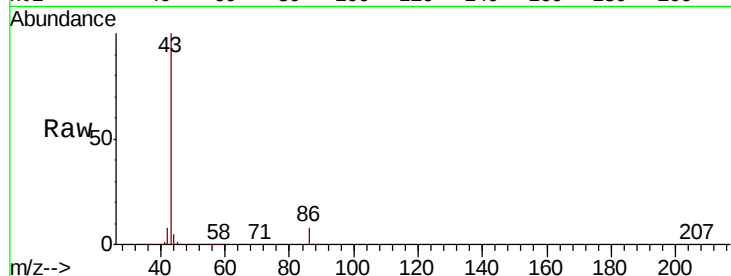
VSTDCCC050

Tot Ion: 43 Resp: 2558268

Ion Ratio Lower Upper

43 100

86 7.7 6.6 9.8



#24

1,1-Dichloroethane

Concen: 58.593 ug/l

RT: 3.44 min Scan# 706

Delta R.T. -0.00 min

Lab File: VU028342.D

Acq: 27 Nov 2018 17:41

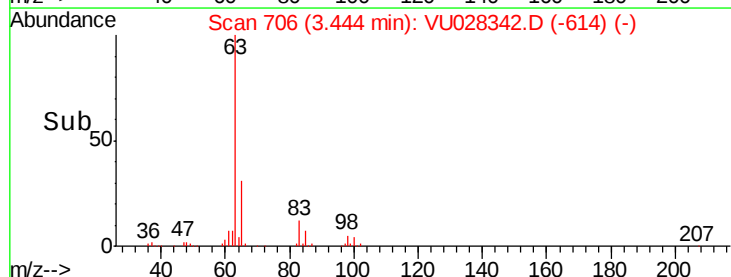
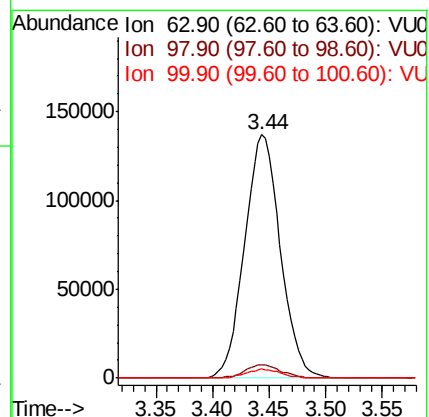
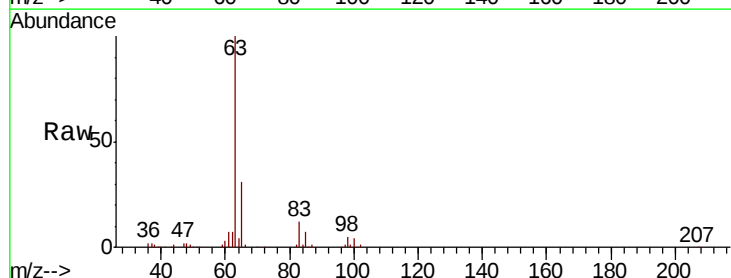
Tgt Ion: 63 Resp: 301506

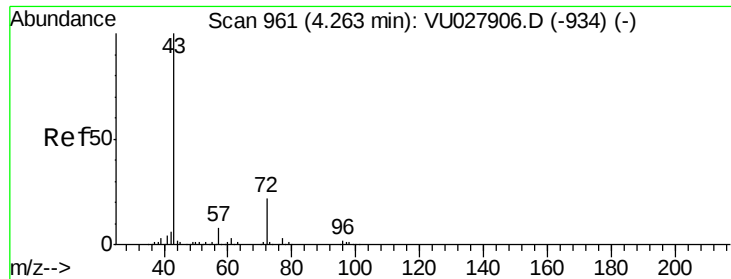
Ion Ratio Lower Upper

63 100

98 5.3 2.9 8.6

100 3.6 2.0 6.0





#25

2-Butanone

Concen: 320.033 ug/l

RT: 4.26 min Scan# 959

Delta R.T. -0.01 min

Lab File: VU028342.D

Acq: 27 Nov 2018 17:41

Instrument :

MSVOA_U

ClientSampleId :

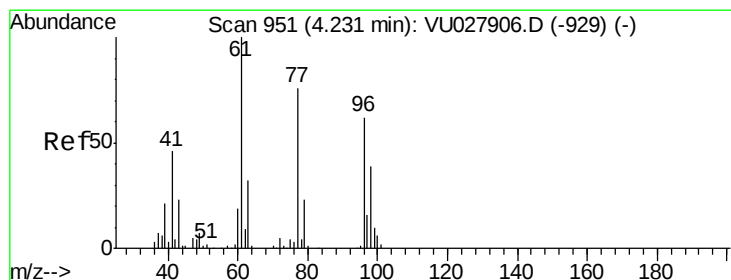
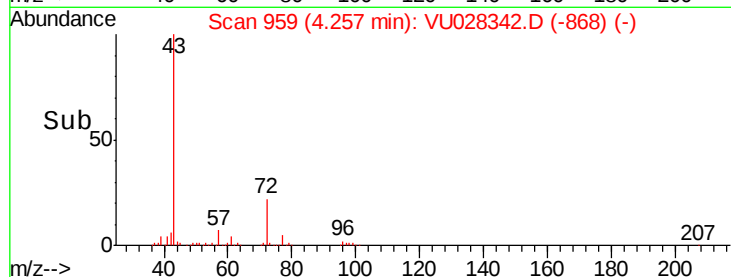
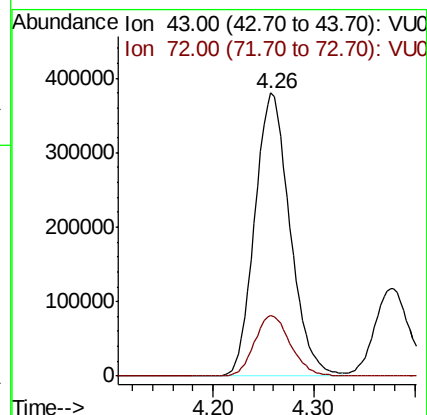
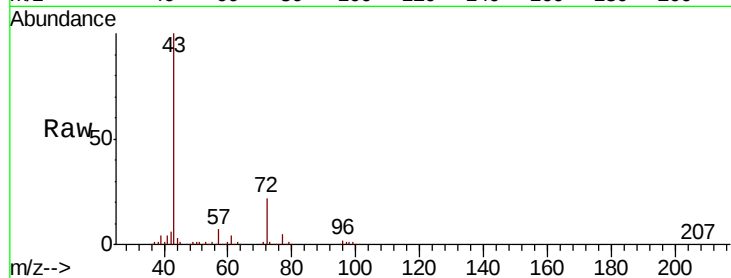
VSTDCCC050

Tot Ion: 43 Resp: 917477

Ion Ratio Lower Upper

43 100

72 21.6 17.7 26.5



#26

2,2-Dichloropropane

Concen: 63.083 ug/l

RT: 4.22 min Scan# 949

Delta R.T. -0.01 min

Lab File: VU028342.D

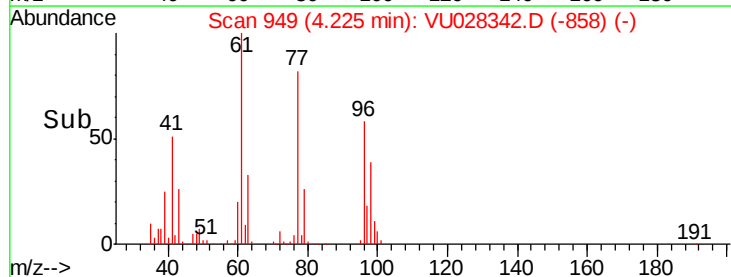
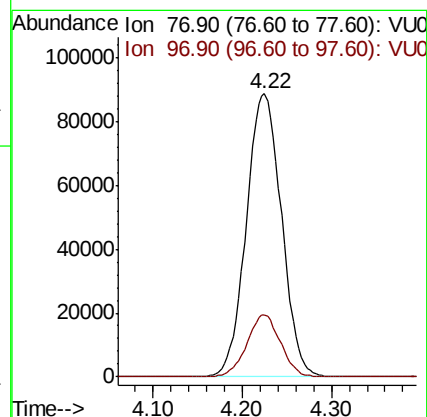
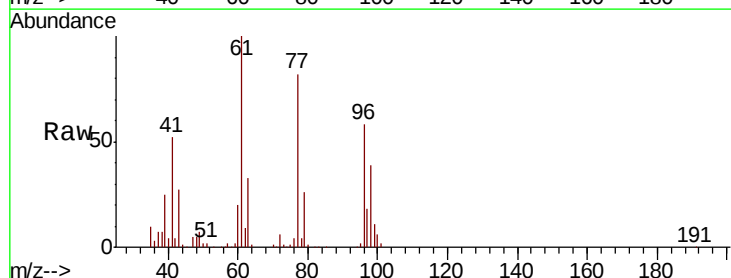
Acq: 27 Nov 2018 17:41

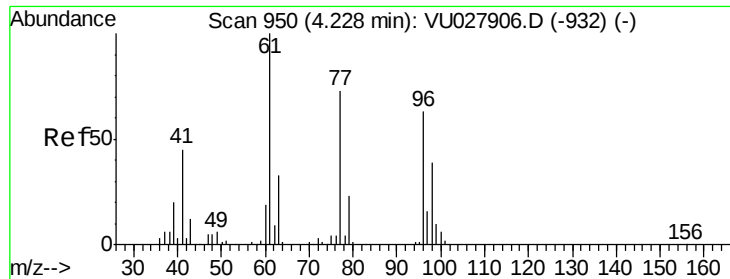
Tgt Ion: 77 Resp: 243604

Ion Ratio Lower Upper

77 100

97 21.0 11.2 33.5



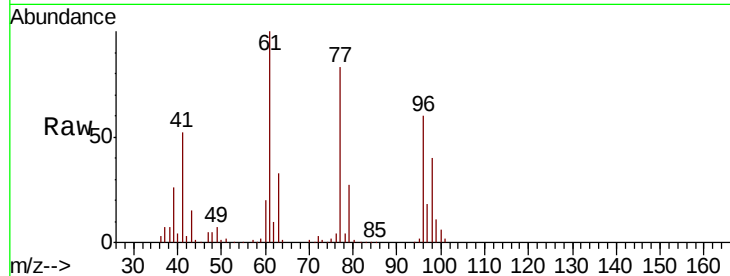


#27

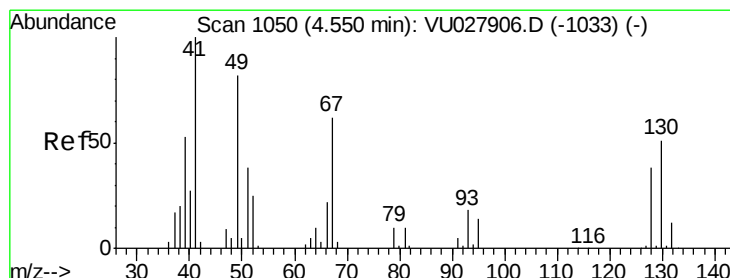
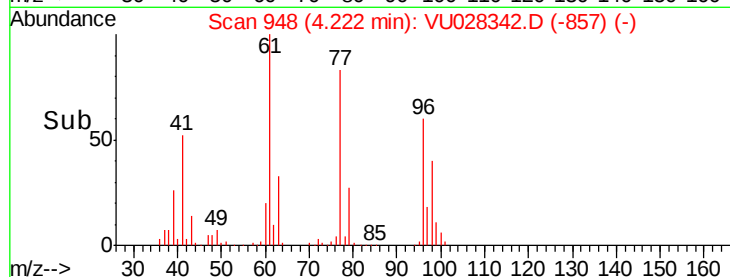
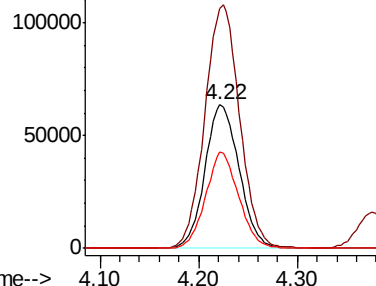
cis-1,2-Dichloroethene
Concen: 57.877 ug/l
RT: 4.22 min Scan# 948
Delta R.T. -0.01 min
Lab File: VU028342.D
Acq: 27 Nov 2018 17:41

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

Tot Ion: 96 Resp: 153350
Ion Ratio Lower Upper
96 100
61 172.6 0.0 329.6
98 64.7 0.0 127.2



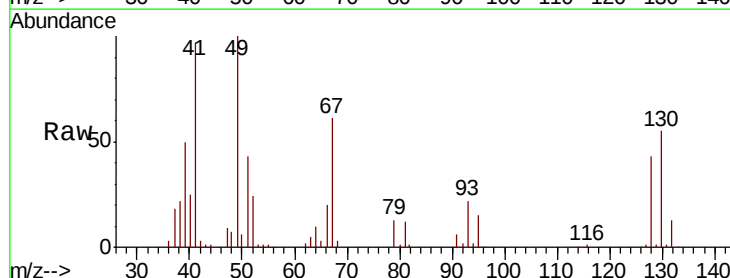
Abundance Ion 95.90 (95.60 to 96.60): VU0
Ion 60.90 (60.60 to 61.60): VU0
Ion 97.90 (97.60 to 98.60): VU0



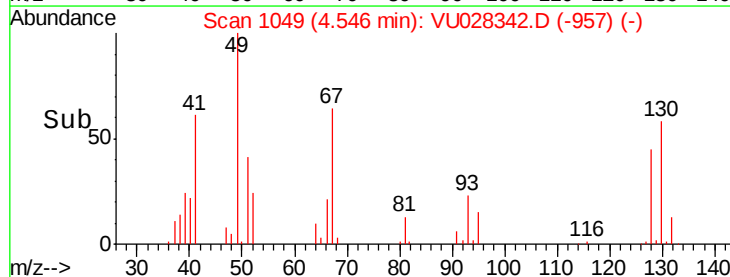
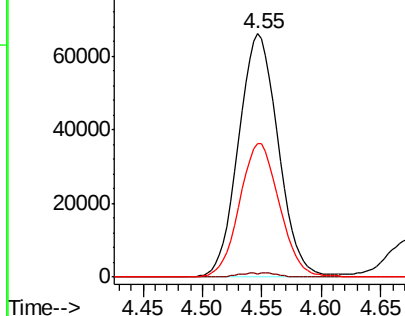
#28

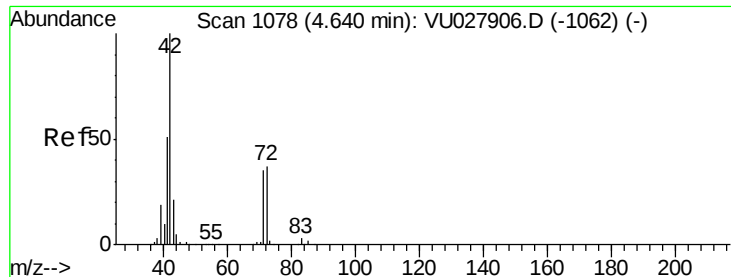
Bromochloromethane
Concen: 63.500 ug/l
RT: 4.55 min Scan# 1049
Delta R.T. -0.00 min
Lab File: VU028342.D
Acq: 27 Nov 2018 17:41

Tgt Ion: 49 Resp: 153184
Ion Ratio Lower Upper
49 100
129 0.8 0.0 3.0
130 55.2 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

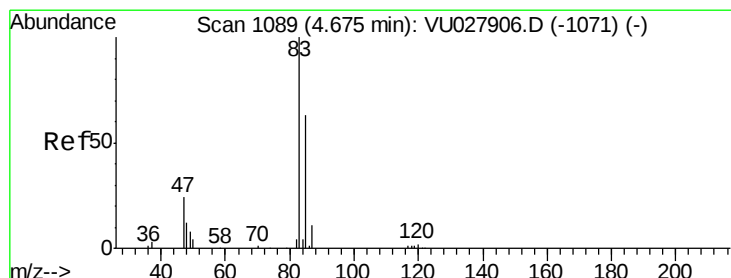
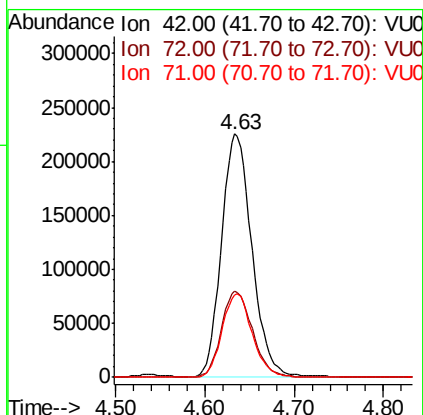
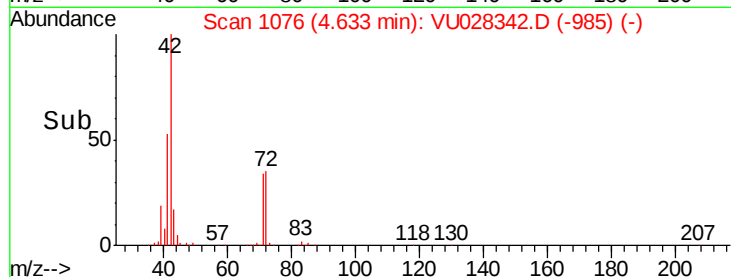
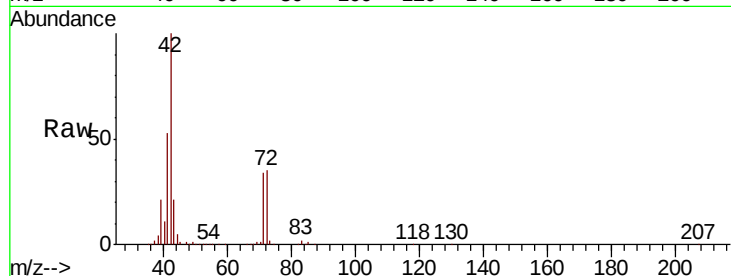




#29
Tetrahydrofuran
Concen: 277.805 ug/l
RT: 4.63 min Scan# 1076
Delta R.T. -0.01 min
Lab File: VU028342.D
Acq: 27 Nov 2018 17:41

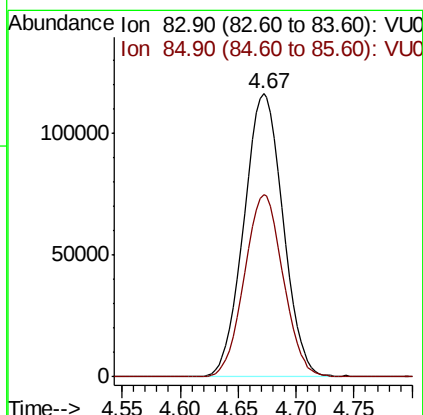
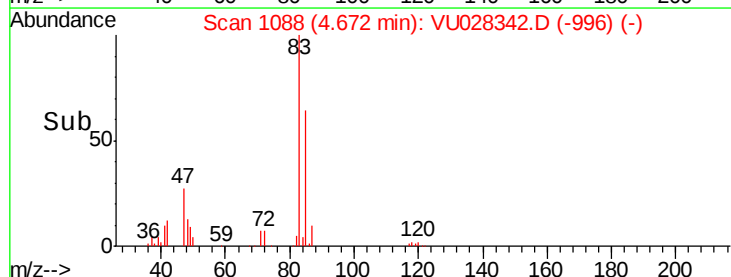
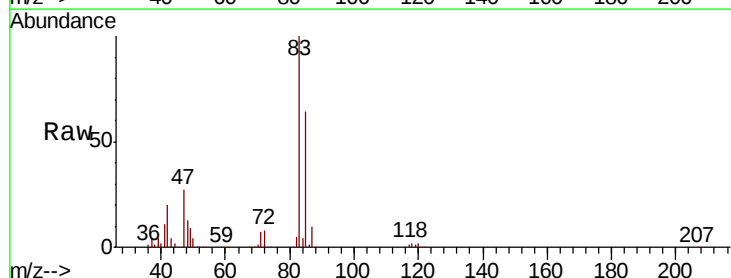
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

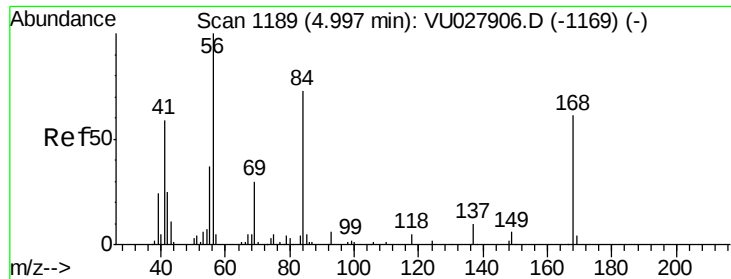
Tot Ion: 42 Resp: 531800
Ion Ratio Lower Upper
42 100
72 36.3 29.4 44.0
71 34.2 27.9 41.9



#30
Chloroform
Concen: 58.012 ug/l
RT: 4.67 min Scan# 1088
Delta R.T. -0.00 min
Lab File: VU028342.D
Acq: 27 Nov 2018 17:41

Tgt Ion: 83 Resp: 273710
Ion Ratio Lower Upper
83 100
85 64.5 50.6 76.0

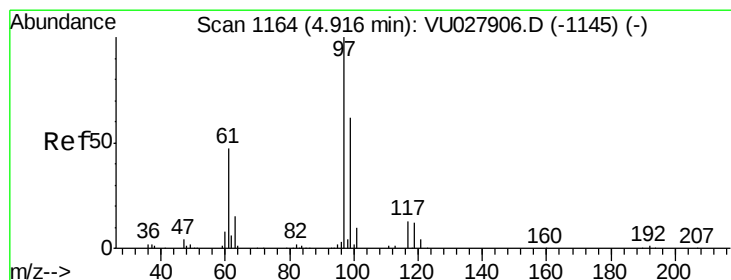
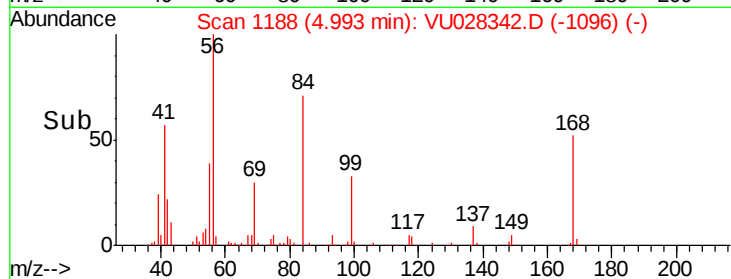
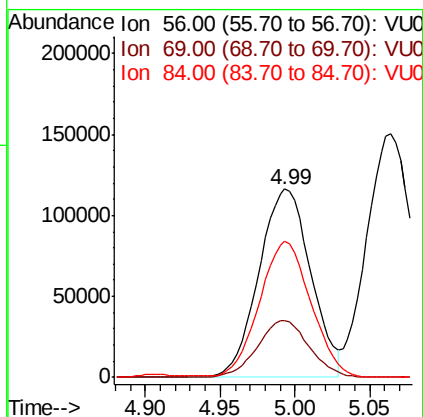
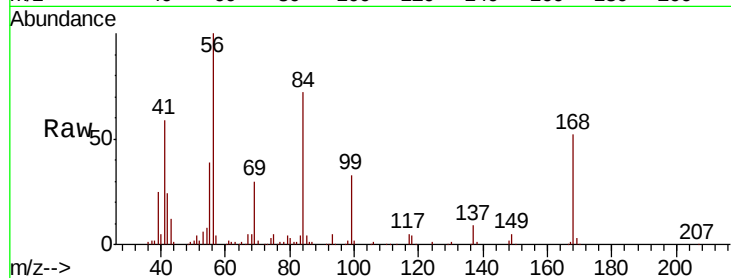




#31
Cyclohexane
Concen: 55.847 ug/l
RT: 4.99 min Scan# 1188
Delta R.T. -0.00 min
Lab File: VU028342.D
Acq: 27 Nov 2018 17:41

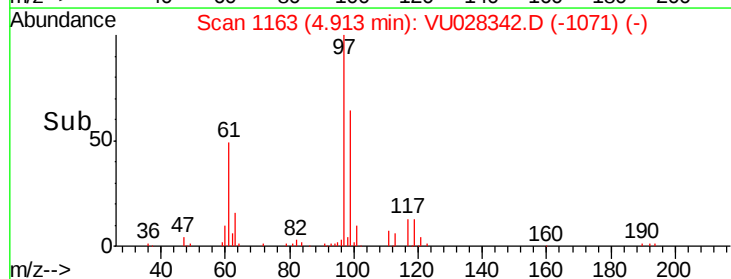
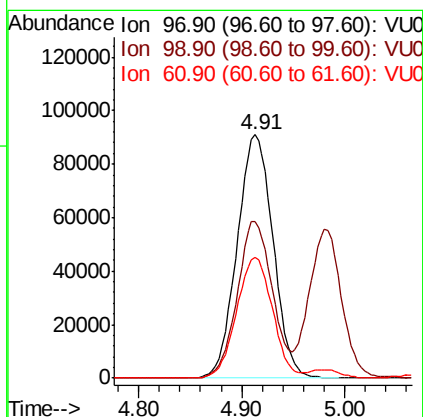
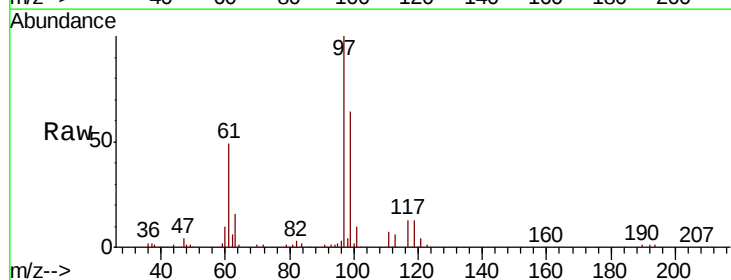
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

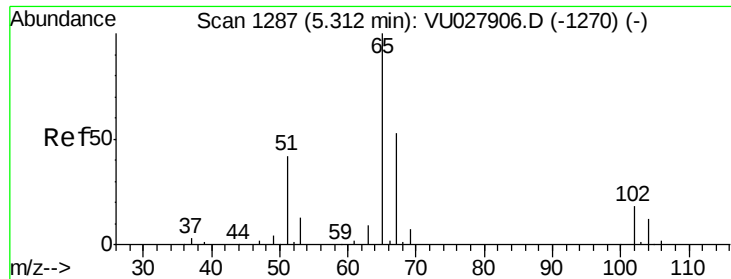
Tot Ion: 56 Resp: 281012
Ion Ratio Lower Upper
56 100
69 30.2 23.7 35.5
84 71.1 58.2 87.4



#32
1,1,1-Trichloroethane
Concen: 58.715 ug/l
RT: 4.91 min Scan# 1163
Delta R.T. -0.00 min
Lab File: VU028342.D
Acq: 27 Nov 2018 17:41

Tgt Ion: 97 Resp: 220520
Ion Ratio Lower Upper
97 100
99 63.2 50.5 75.7
61 49.5 38.3 57.5

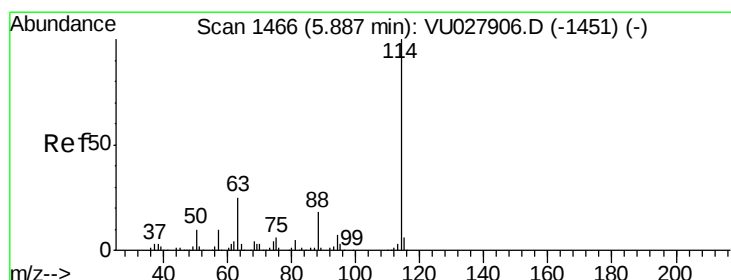
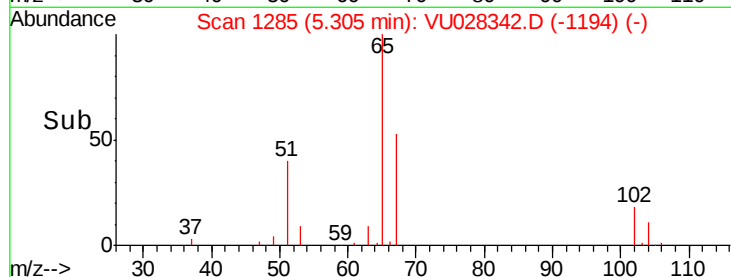
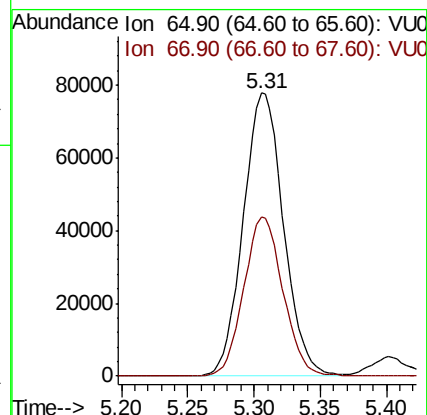
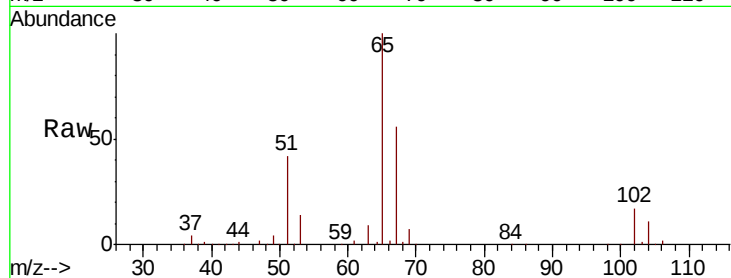




#33
 1,2-Dichloroethane-d4
 Concen: 56.638 ug/l
 RT: 5.31 min Scan# 1285
 Delta R.T. -0.01 min
 Lab File: VU028342.D
 Acq: 27 Nov 2018 17:41

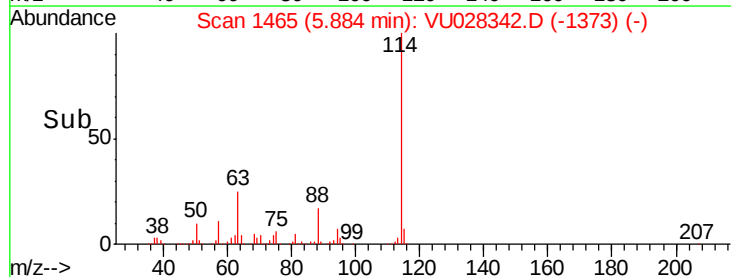
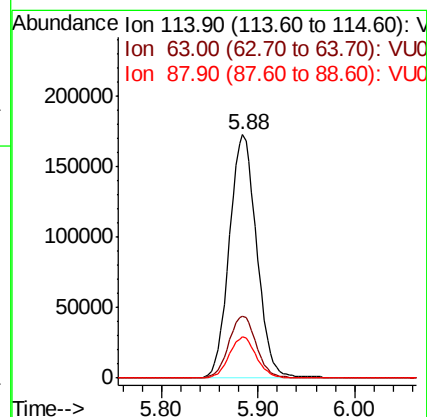
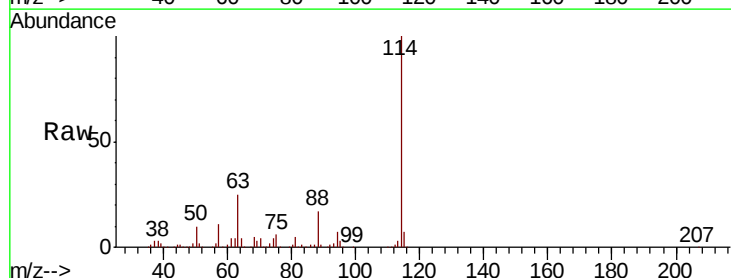
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050

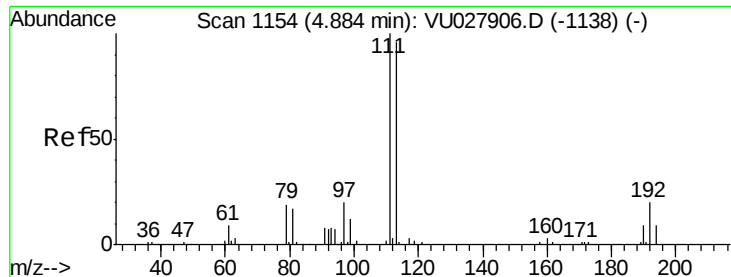
Tot Ion: 65 Resp: 164501
 Ion Ratio Lower Upper
 65 100
 67 54.5 0.0 109.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 5.88 min Scan# 1465
 Delta R.T. -0.00 min
 Lab File: VU028342.D
 Acq: 27 Nov 2018 17:41

Tgt Ion: 114 Resp: 340023
 Ion Ratio Lower Upper
 114 100
 63 25.4 0.0 50.8
 88 16.9 0.0 35.8

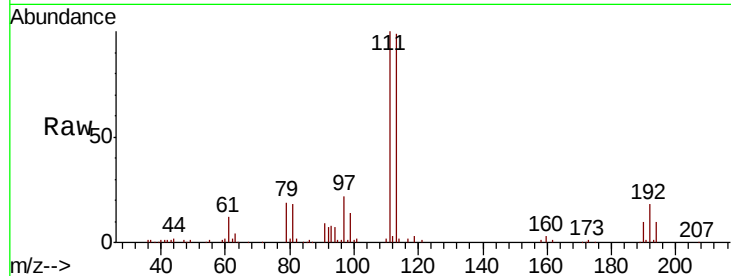




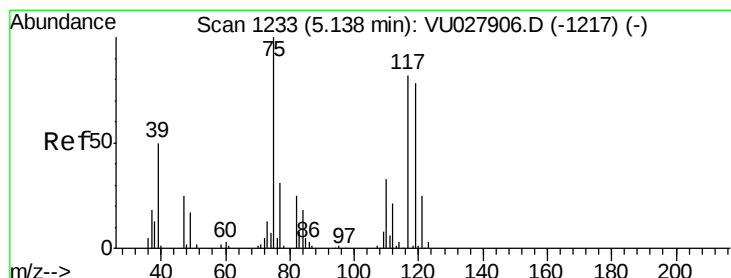
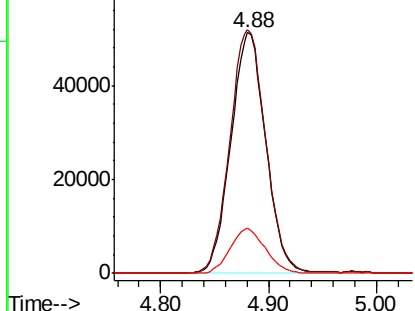
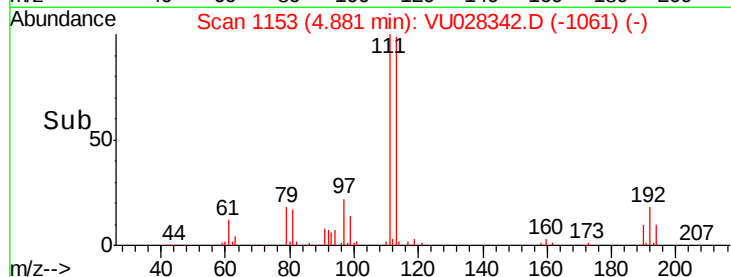
#35
 Dibromofluoromethane
 Concen: 53.862 ug/l
 RT: 4.88 min Scan# 1153
 Delta R.T. -0.00 min
 Lab File: VU028342.D
 Acq: 27 Nov 2018 17:41

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
113	100		
111	103.8	83.0	124.6
192	18.8	15.6	23.4

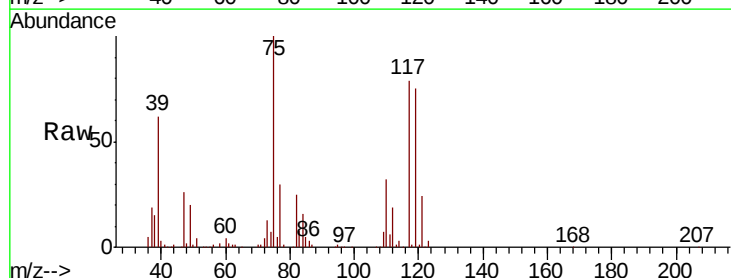


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

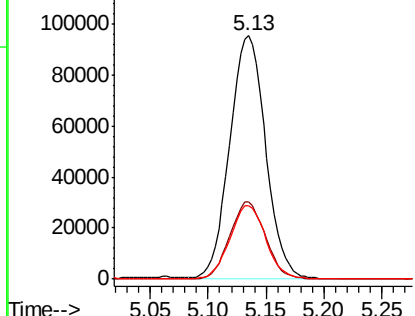
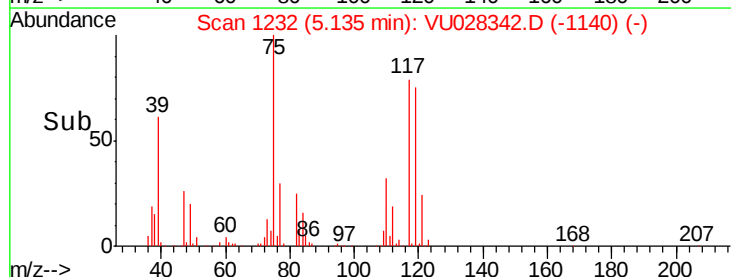


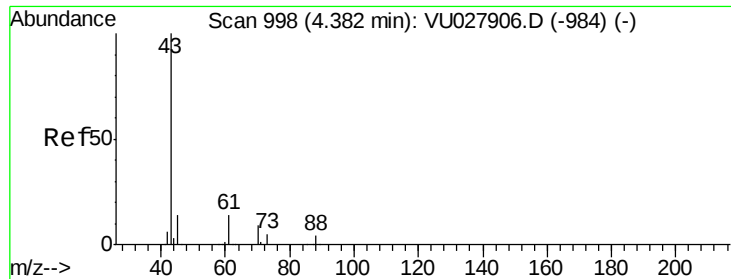
#36
 1,1-Dichloropropene
 Concen: 57.217 ug/l
 RT: 5.13 min Scan# 1232
 Delta R.T. -0.00 min
 Lab File: VU028342.D
 Acq: 27 Nov 2018 17:41

Tgt Ion	Ratio	Lower	Upper
75	100		
110	31.5	16.5	49.5
77	30.7	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

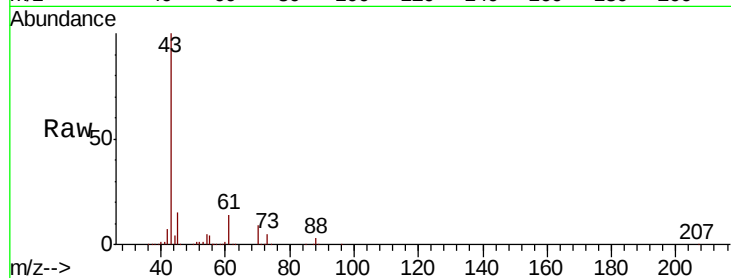




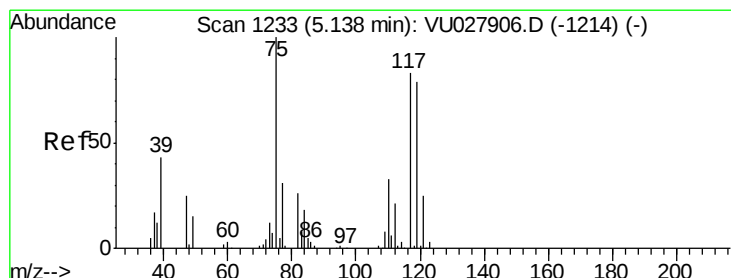
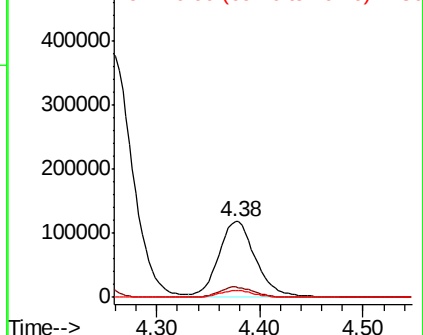
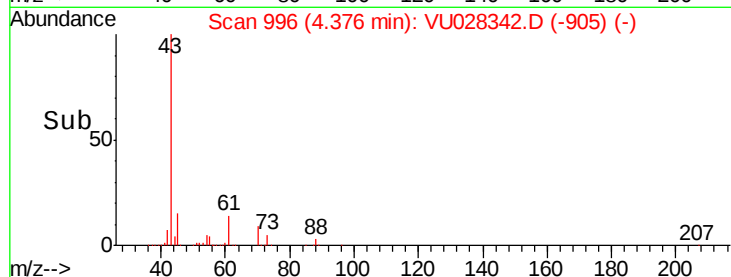
#37
Ethyl Acetate
Concen: 55.600 ug/l
RT: 4.38 min Scan# 996
Delta R.T. -0.01 min
Lab File: VU028342.D
Acq: 27 Nov 2018 17:41

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

Tot Ion: 43 Resp: 290118
Ion Ratio Lower Upper
43 100
61 12.8 10.3 15.5
70 8.6 7.0 10.6

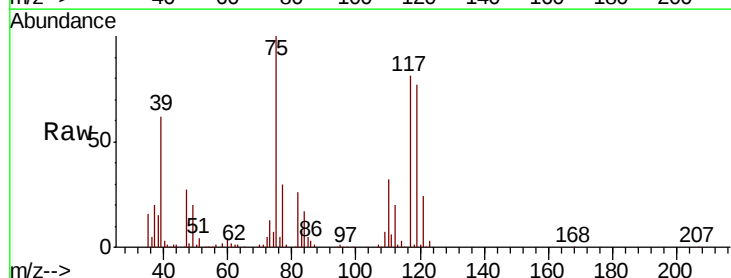


Abundance Ion 43.00 (42.70 to 43.70): VU0
Ion 60.90 (60.60 to 61.60): VU0
Ion 70.00 (69.70 to 70.70): VU0

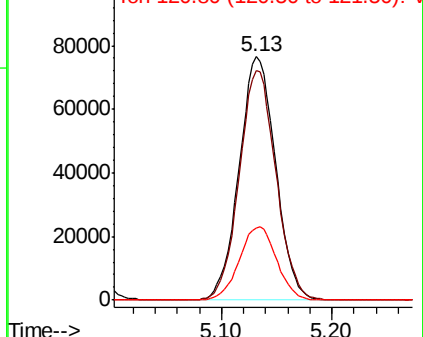
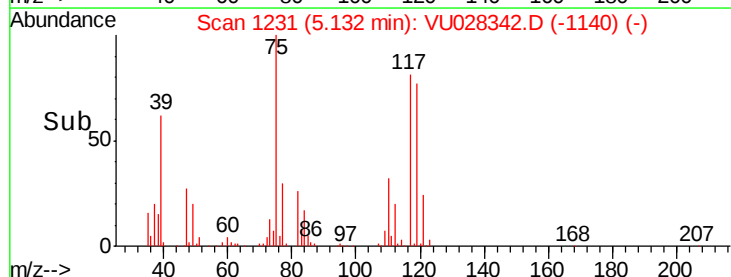


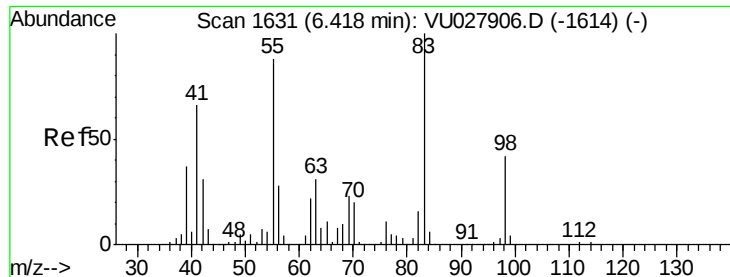
#38
Carbon Tetrachloride
Concen: 55.519 ug/l
RT: 5.13 min Scan# 1231
Delta R.T. -0.01 min
Lab File: VU028342.D
Acq: 27 Nov 2018 17:41

Tgt Ion: 117 Resp: 175214
Ion Ratio Lower Upper
117 100
119 94.0 76.0 114.0
121 29.7 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

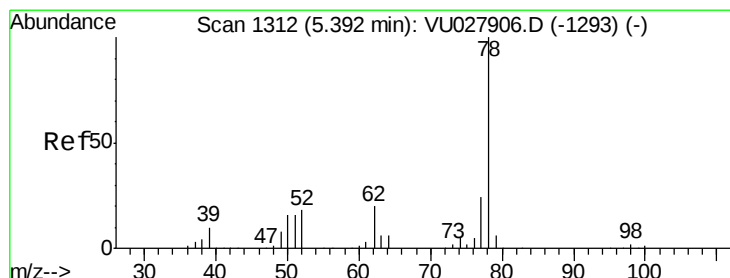
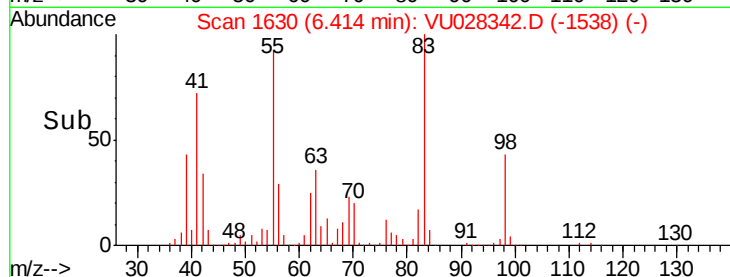
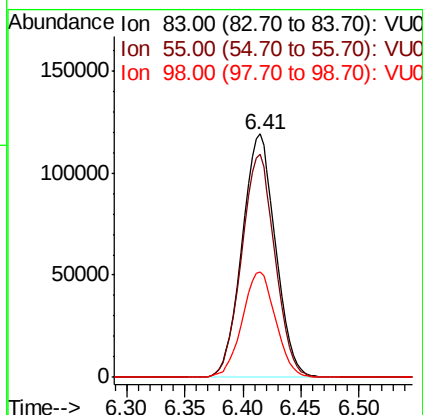
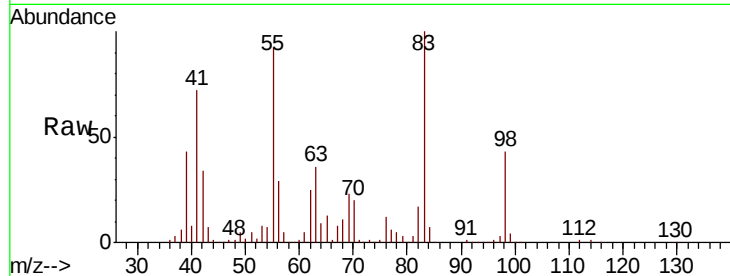




#39
Methvlcvclohexane
Concen: 55.678 ug/l
RT: 6.41 min Scan# 1630
Delta R.T. -0.00 min
Lab File: VU028342.D
Acq: 27 Nov 2018 17:41

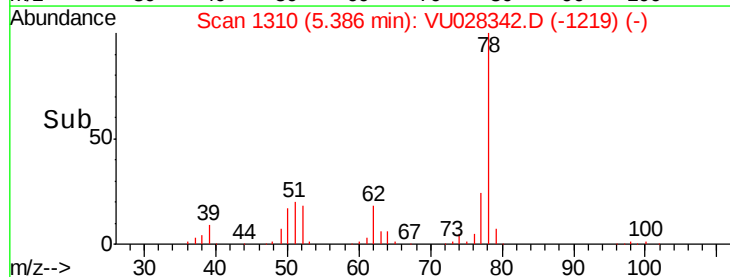
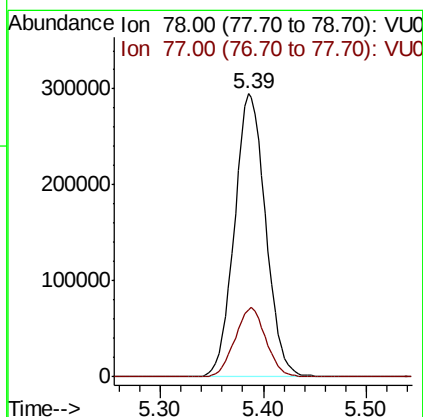
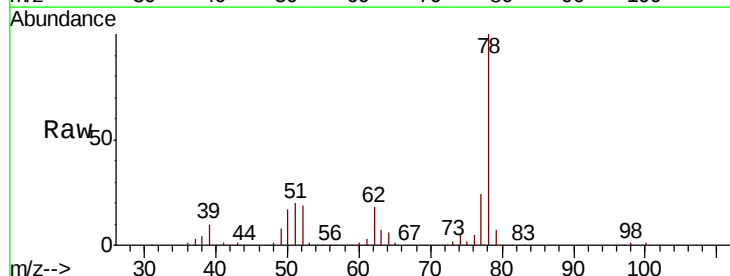
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

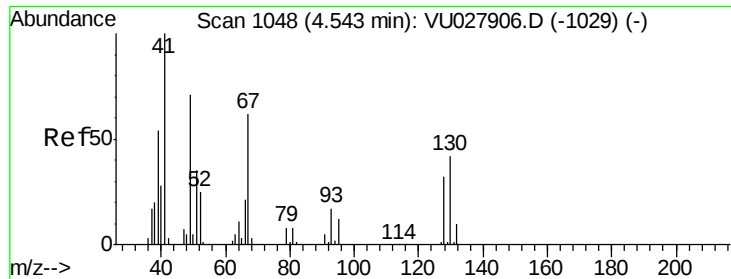
Tot Ion: 83 Resp: 239146
Ion Ratio Lower Upper
83 100
55 91.5 70.3 105.5
98 43.3 34.0 51.0



#40
Benzene
Concen: 57.071 ug/l
RT: 5.39 min Scan# 1310
Delta R.T. -0.01 min
Lab File: VU028342.D
Acq: 27 Nov 2018 17:41

Tgt Ion: 78 Resp: 621379
Ion Ratio Lower Upper
78 100
77 23.9 19.3 28.9

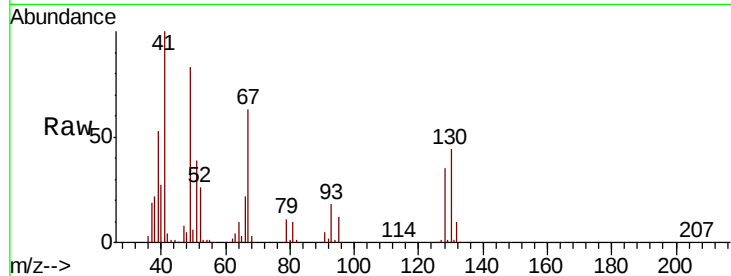




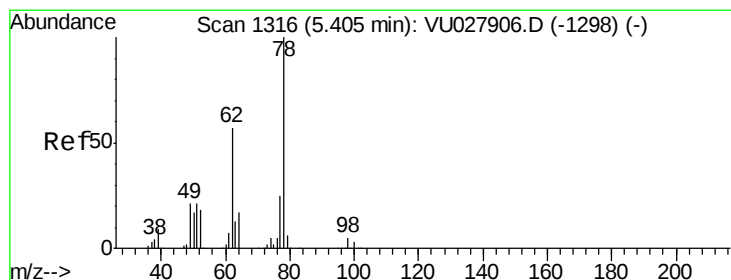
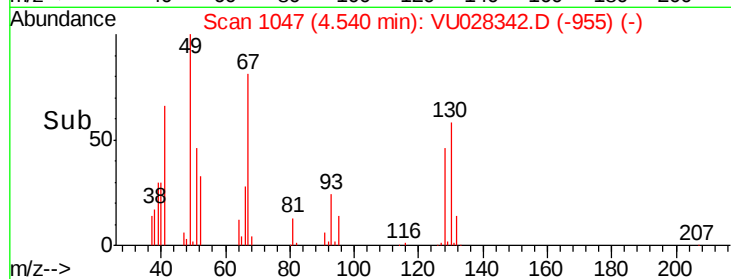
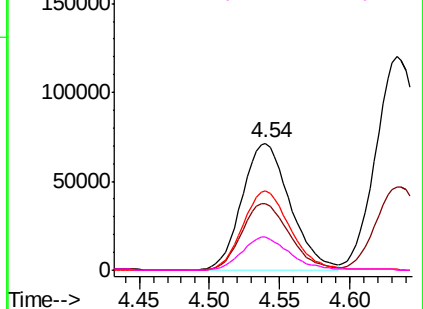
#41
Methacrylonitrile
Concen: 61.289 ug/l
RT: 4.54 min Scan# 1047
Delta R.T. -0.00 min
Lab File: VU028342.D
Acq: 27 Nov 2018 17:41

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

Tot Ion:	41	Resp:	170667
Ion	Ratio	Lower	Upper
41	100		
39	52.3	42.2	63.4
67	62.4	49.5	74.3
52	26.4	20.5	30.7

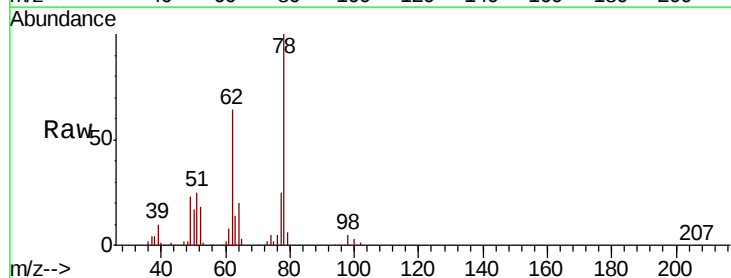


Abundance Ion 41.00 (40.70 to 41.70): VU0
Ion 39.00 (38.70 to 39.70): VU0
Ion 67.00 (66.70 to 67.70): VU0
Ion 52.00 (51.70 to 52.70): VU0

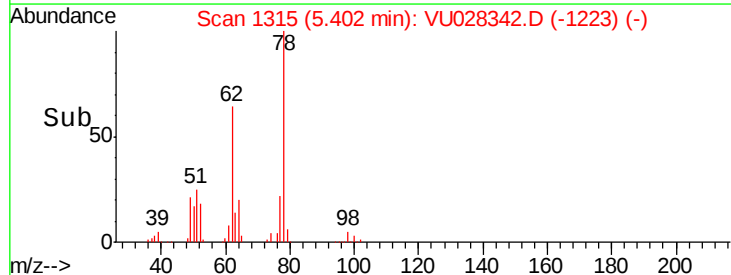
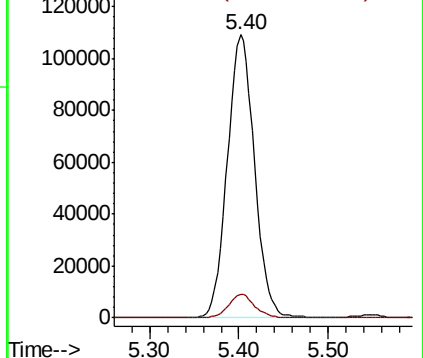


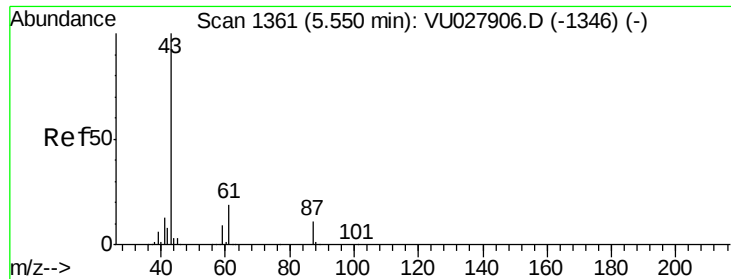
#42
1,2-Dichloroethane
Concen: 59.406 ug/l
RT: 5.40 min Scan# 1315
Delta R.T. -0.00 min
Lab File: VU028342.D
Acq: 27 Nov 2018 17:41

Tgt Ion:	62	Resp:	229908
Ion	Ratio	Lower	Upper
62	100		
98	8.0	0.0	17.2



Abundance Ion 61.90 (61.60 to 62.60): VU0
Ion 97.90 (97.60 to 98.60): VU0





#43

Isopropyl Acetate

Concen: 57.013 ug/l

RT: 5.55 min Scan# 1360

Delta R.T. -0.00 min

Lab File: VU028342.D

Acq: 27 Nov 2018 17:41

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050

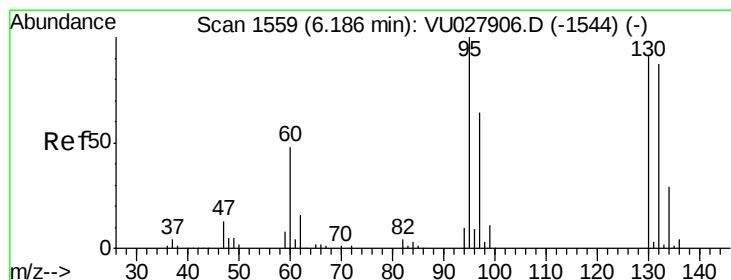
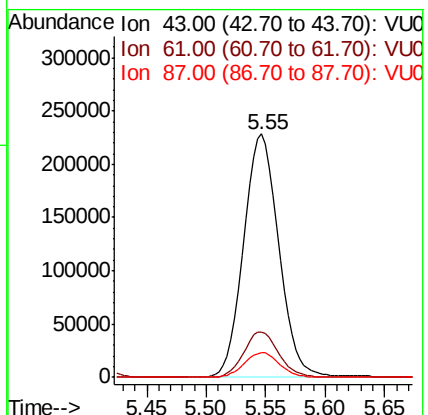
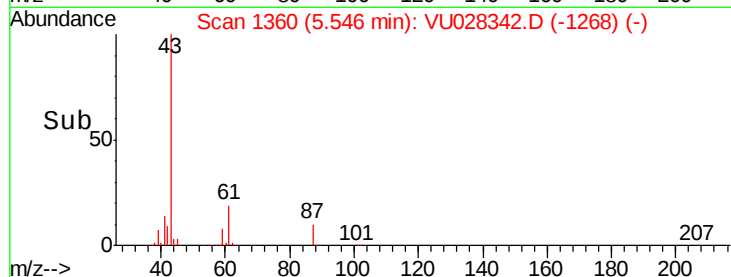
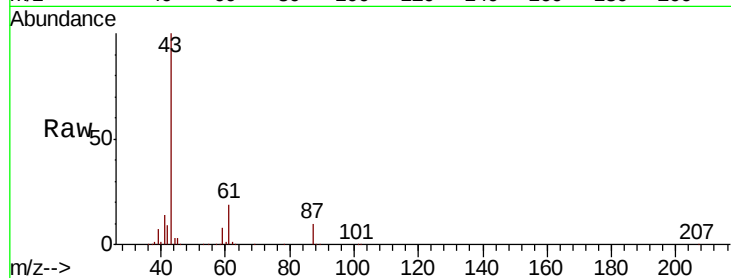
Tot Ion: 43 Resp: 466076

Ion Ratio Lower Upper

43 100

61 18.8 15.0 22.4

87 10.3 8.6 12.8



#44

Trichloroethene

Concen: 56.006 ug/l

RT: 6.18 min Scan# 1558

Delta R.T. -0.00 min

Lab File: VU028342.D

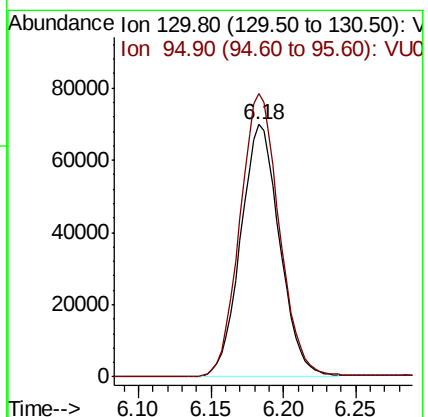
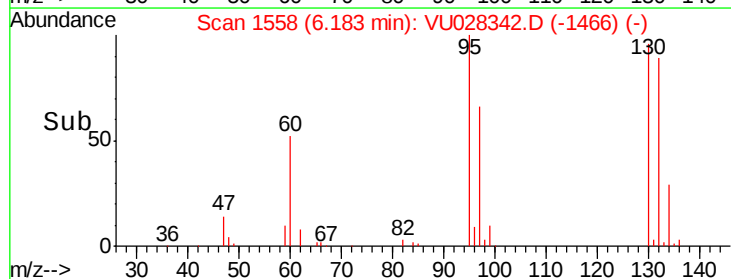
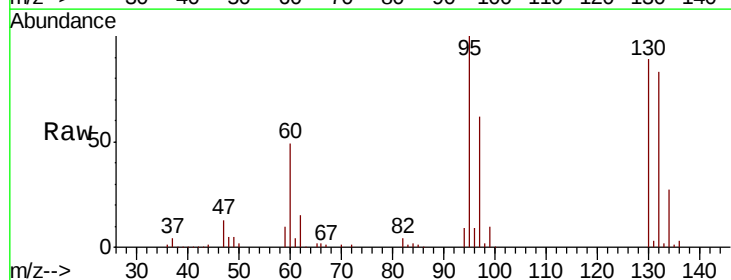
Acq: 27 Nov 2018 17:41

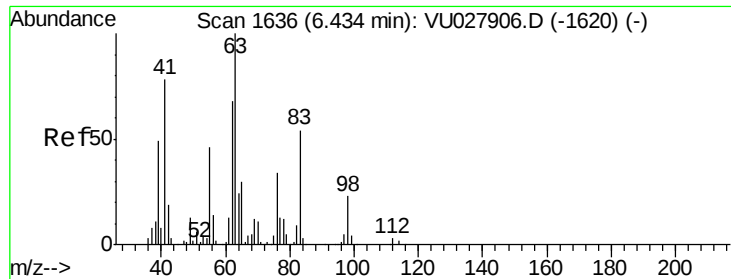
Tgt Ion:130 Resp: 131076

Ion Ratio Lower Upper

130 100

95 112.2 0.0 219.2





#45

1,2-Dichloropropane

Concen: 59.360 ug/l

RT: 6.43 min Scan# 1635

Delta R.T. -0.00 min

Lab File: VU028342.D

Acq: 27 Nov 2018 17:41

Instrument :

MSVOA_U

ClientSampleId :

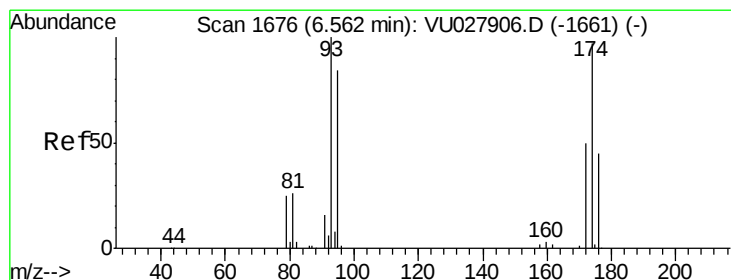
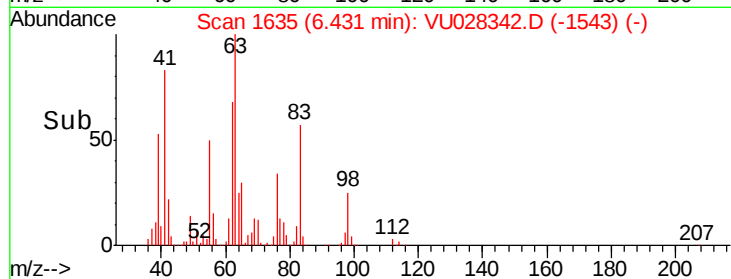
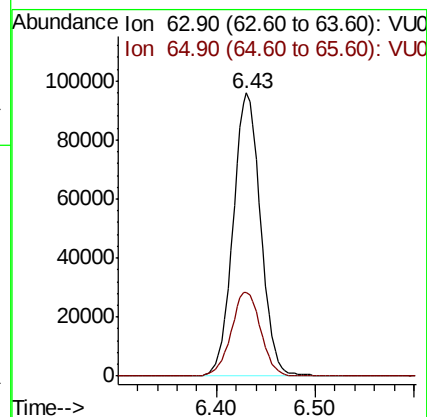
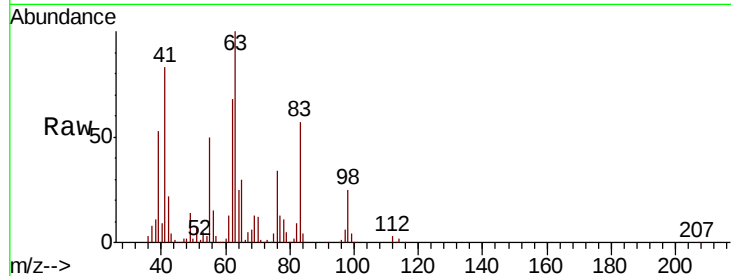
VSTDCCC050

Tot Ion: 63 Resp: 186391

Ion Ratio Lower Upper

63 100

65 29.8 24.4 36.6



#46

Dibromomethane

Concen: 58.199 ug/l

RT: 6.56 min Scan# 1674

Delta R.T. -0.01 min

Lab File: VU028342.D

Acq: 27 Nov 2018 17:41

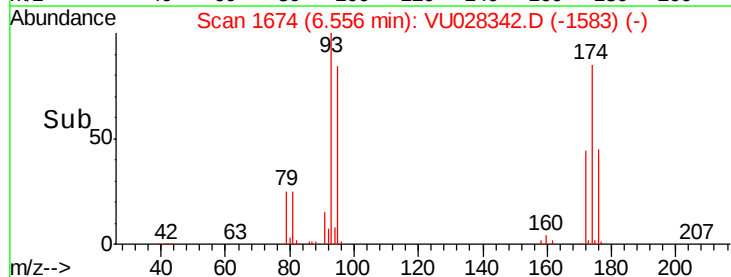
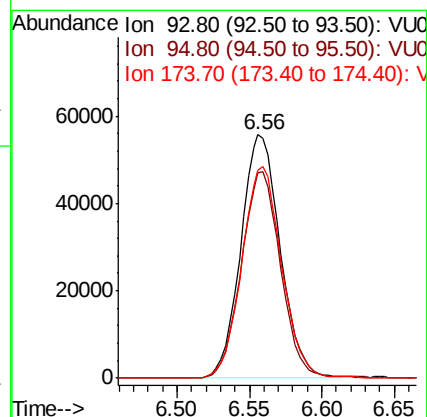
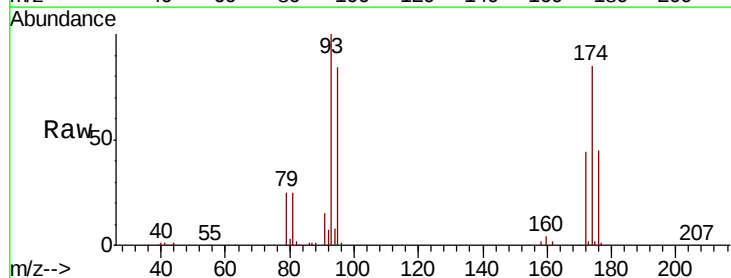
Tgt Ion: 93 Resp: 105043

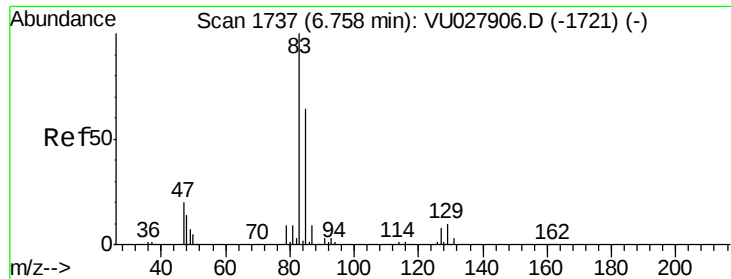
Ion Ratio Lower Upper

93 100

95 84.3 68.5 102.7

174 87.9 76.1 114.1





#47

Bromodichloromethane

Concen: 60.902 ug/l

RT: 6.76 min Scan# 1736

Delta R.T. -0.00 min

Lab File: VU028342.D

Acq: 27 Nov 2018 17:41

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050

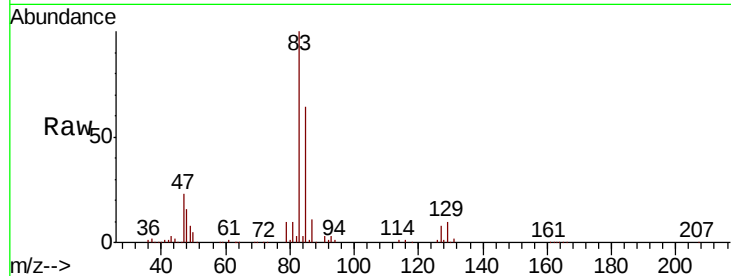
Tot Ion: 83 Resp: 211831

Ion Ratio Lower Upper

83 100

85 63.6 51.0 76.6

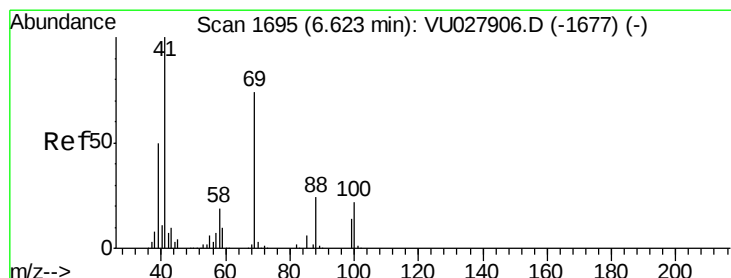
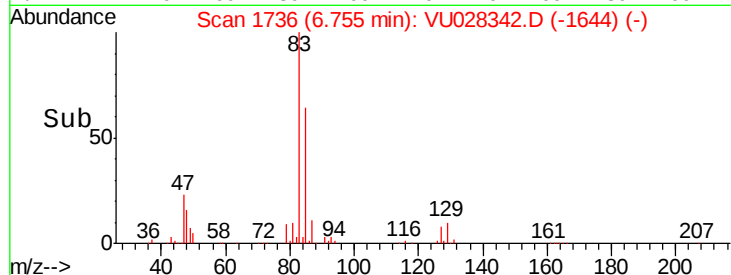
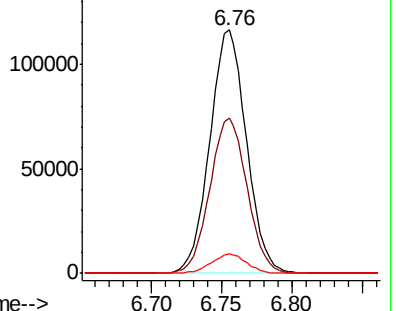
127 7.9 6.2 9.4



Abundance Ion 82.90 (82.60 to 83.60): VU027906.D (-1721) (-)

Ion 84.90 (84.60 to 85.60): VU027906.D (-1721) (-)

Ion 126.80 (126.50 to 127.50): VU027906.D (-1721) (-)



#48

Methyl methacrylate

Concen: 59.990 ug/l

RT: 6.62 min Scan# 1694

Delta R.T. -0.00 min

Lab File: VU028342.D

Acq: 27 Nov 2018 17:41

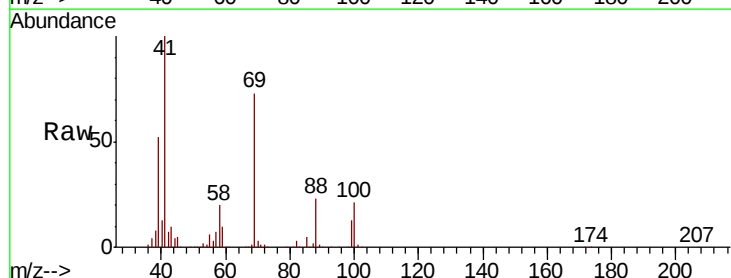
Tgt Ion: 41 Resp: 240323

Ion Ratio Lower Upper

41 100

69 73.3 59.8 89.8

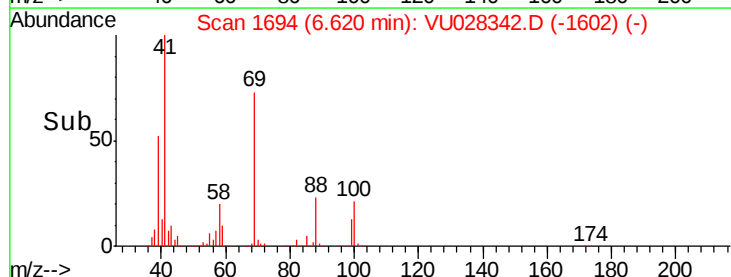
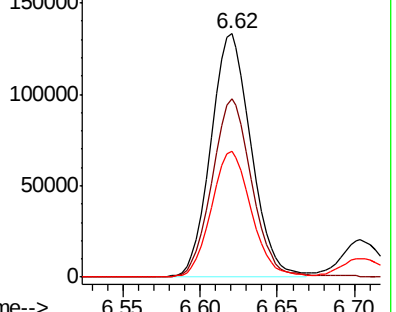
39 51.3 40.0 60.0

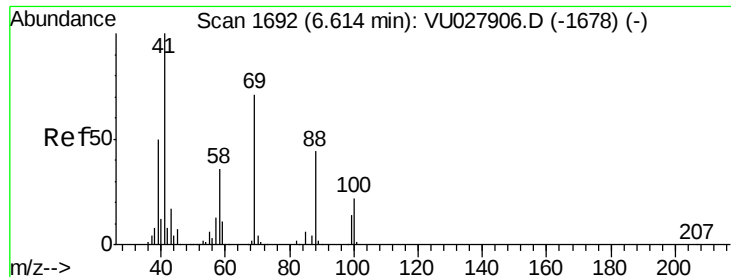


Abundance Ion 41.00 (40.70 to 41.70): VU027906.D (-1677) (-)

Ion 69.00 (68.70 to 69.70): VU027906.D (-1677) (-)

Ion 39.00 (38.70 to 39.70): VU027906.D (-1677) (-)

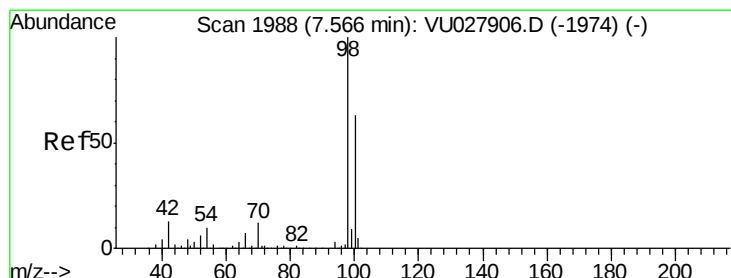
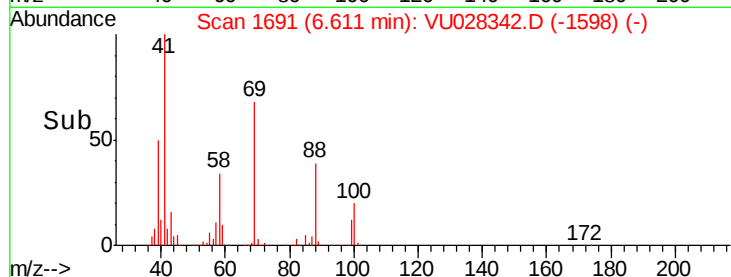
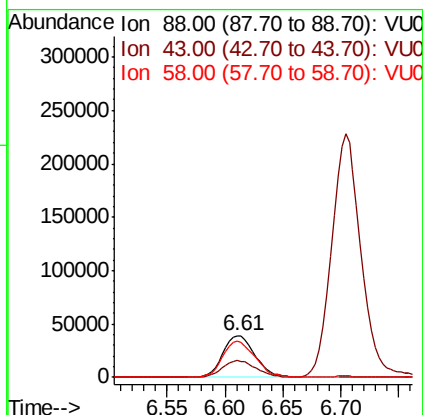
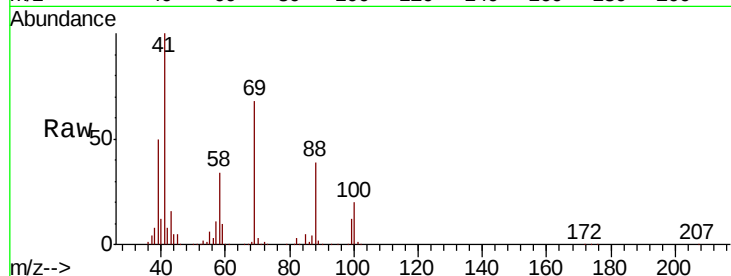




#49
 1,4-Dioxane
 Concen: 1144.874 ug/l
 RT: 6.61 min Scan# 1691
 Delta R.T. -0.00 min
 Lab File: VU028342.D
 Acq: 27 Nov 2018 17:41

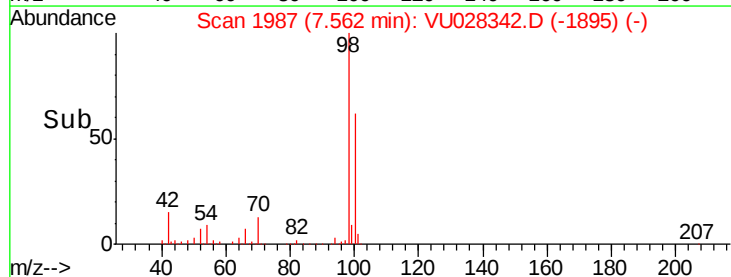
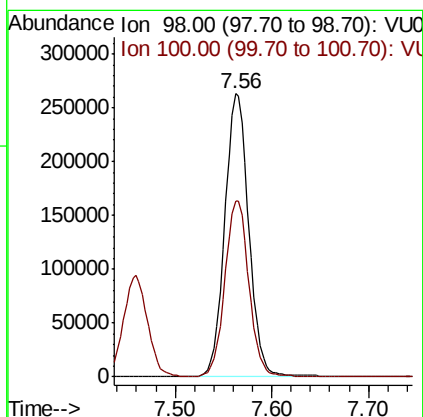
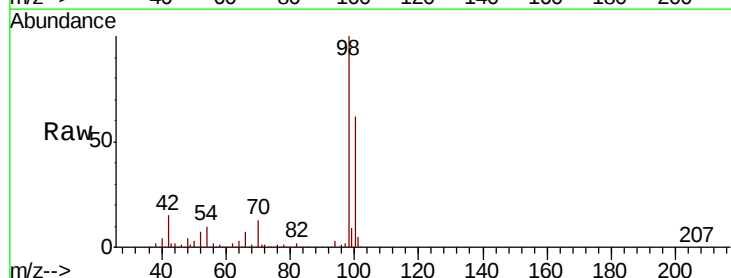
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050

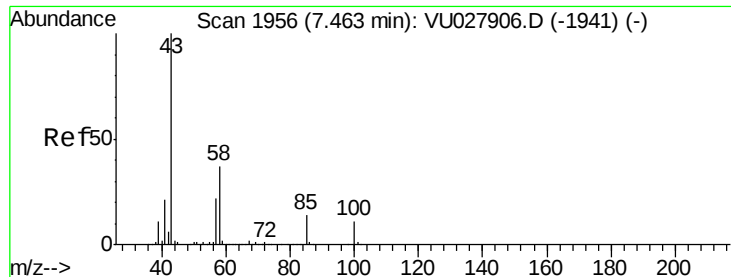
Tot Ion: 88 Resp: 74828
 Ion Ratio Lower Upper
 88 100
 43 41.4 30.5 45.7
 58 89.5 67.1 100.7



#50
 Toluene-d8
 Concen: 54.884 ug/l
 RT: 7.56 min Scan# 1987
 Delta R.T. -0.00 min
 Lab File: VU028342.D
 Acq: 27 Nov 2018 17:41

Tgt Ion: 98 Resp: 454536
 Ion Ratio Lower Upper
 98 100
 100 61.4 50.1 75.1





#51

4-Methyl-2-Pentanone

Concen: 289.098 ug/l

RT: 7.46 min Scan# 1955

Delta R.T. -0.00 min

Lab File: VU028342.D

Acq: 27 Nov 2018 17:41

Instrument :

MSVOA_U

ClientSampleId :

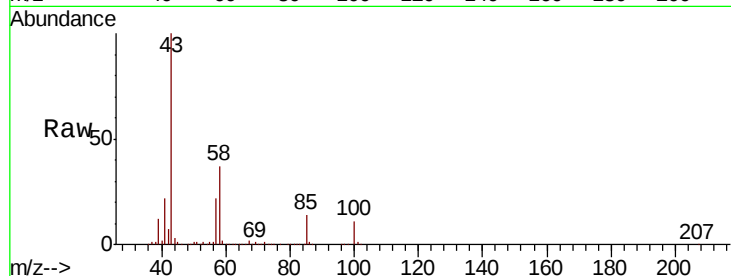
VSTDCCC050

Tot Ion: 43 Resp: 1578326

Ion Ratio Lower Upper

43 100

58 36.2 29.5 44.3



Abundance Ion 43.00 (42.70 to 43.70): VU027906.D (-1941) (-)

Ion 58.00 (57.70 to 58.70): VU027906.D (-1941) (-)

7.46

800000

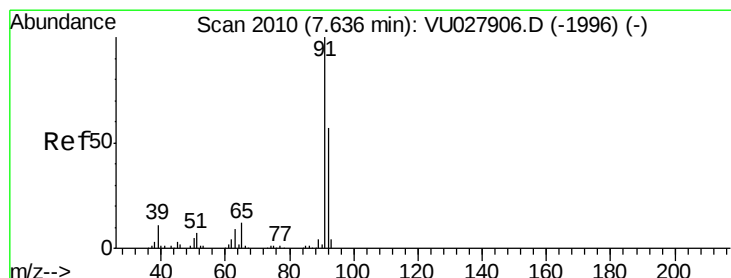
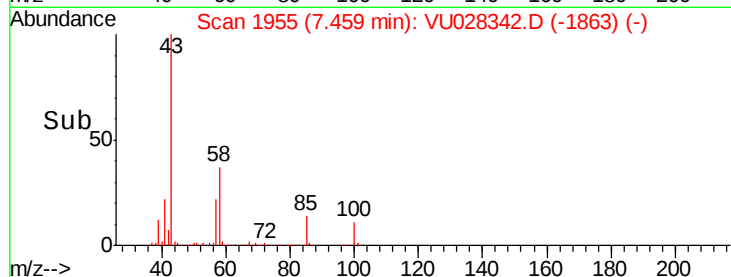
600000

400000

200000

0

Time-->



#52

Toluene

Concen: 56.848 ug/l

RT: 7.64 min Scan# 2010

Delta R.T. 0.00 min

Lab File: VU028342.D

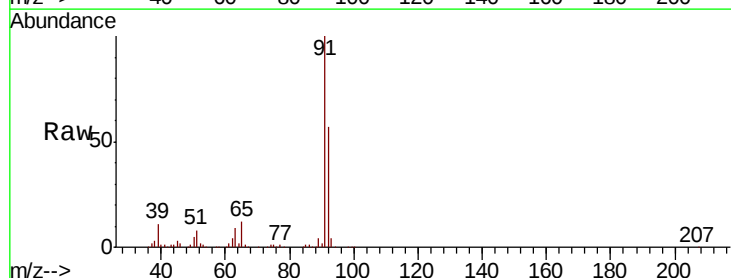
Acq: 27 Nov 2018 17:41

Tgt Ion: 92 Resp: 363881

Ion Ratio Lower Upper

92 100

91 176.1 141.2 211.8



Abundance Ion 92.00 (91.70 to 92.70): VU027906.D (-1996) (-)

Ion 91.00 (90.70 to 91.70): VU027906.D (-1996) (-)

7.64

400000

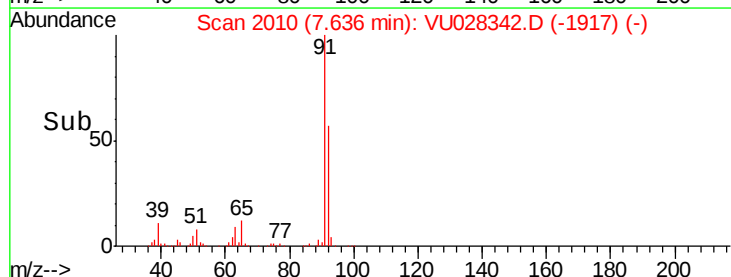
300000

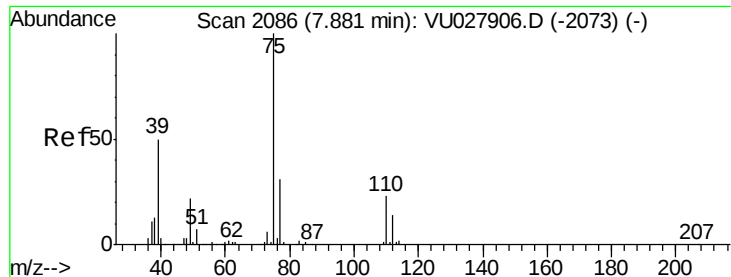
200000

100000

0

Time-->





#53

t-1,3-Dichloropropene

Concen: 58.000 ug/l

RT: 7.88 min Scan# 2085

Delta R.T. -0.00 min

Lab File: VU028342.D

Acq: 27 Nov 2018 17:41

Instrument :

MSVOA_U

ClientSampleId :

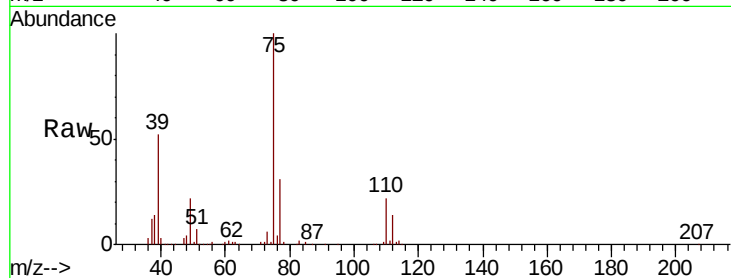
VSTDCCC050

Tot Ion: 75 Resp: 250964

Ion Ratio Lower Upper

75 100

77 31.4 25.1 37.7



Abundance Ion 74.90 (74.60 to 75.60): VU0

Ion 76.90 (76.60 to 77.60): VU0

7.88

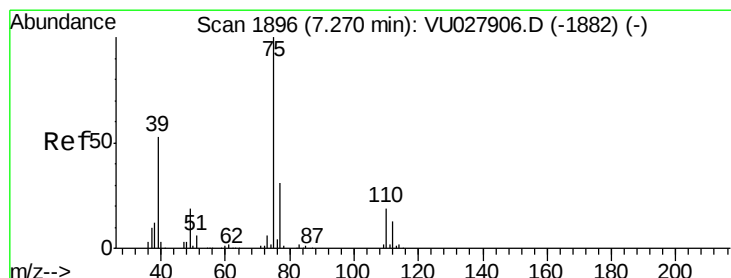
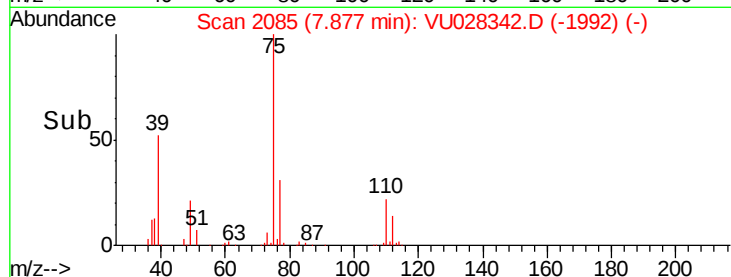
150000

100000

50000

0

Time--> 7.80 7.85 7.90 7.95



#54

cis-1,3-Dichloropropene

Concen: 62.944 ug/l

RT: 7.27 min Scan# 1895

Delta R.T. -0.00 min

Lab File: VU028342.D

Acq: 27 Nov 2018 17:41

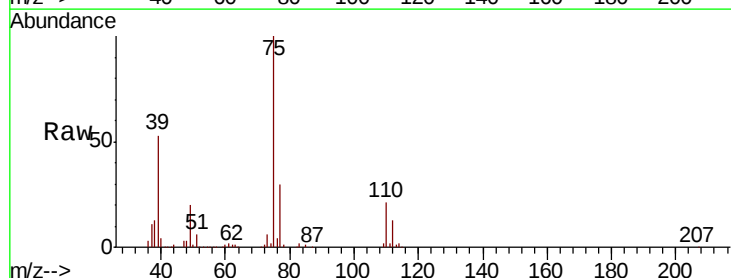
Tgt Ion: 75 Resp: 269894

Ion Ratio Lower Upper

75 100

77 30.5 24.6 37.0

39 53.1 42.6 64.0



Abundance Ion 74.90 (74.60 to 75.60): VU0

Ion 76.90 (76.60 to 77.60): VU0

Ion 39.00 (38.70 to 39.70): VU0

7.27

200000

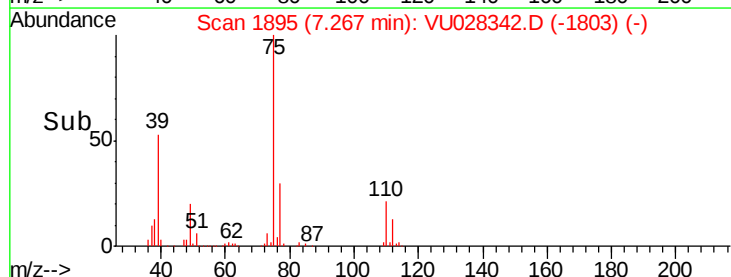
150000

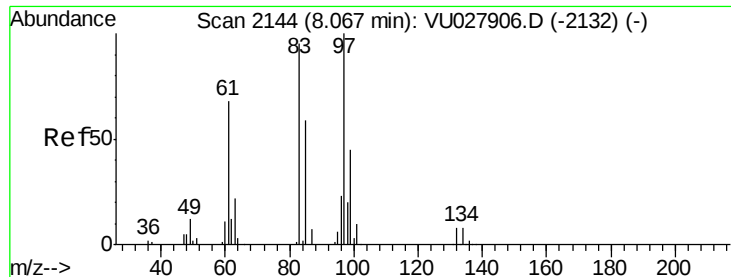
100000

50000

0

Time--> 7.20 7.25 7.30 7.35

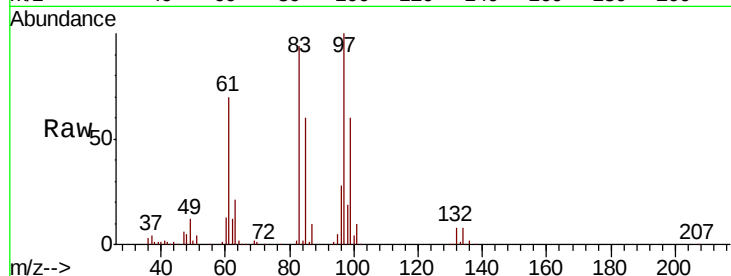




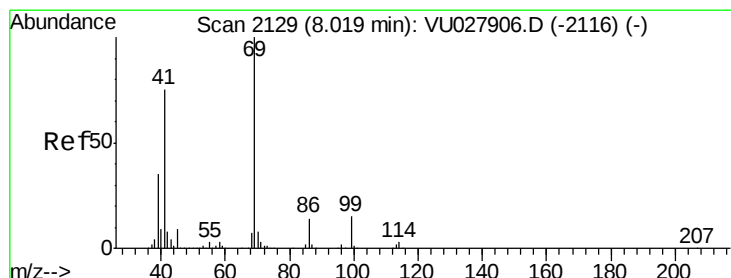
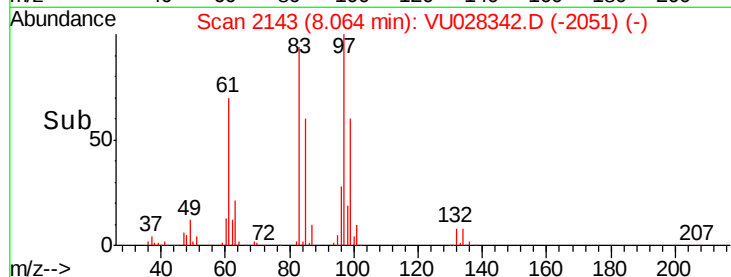
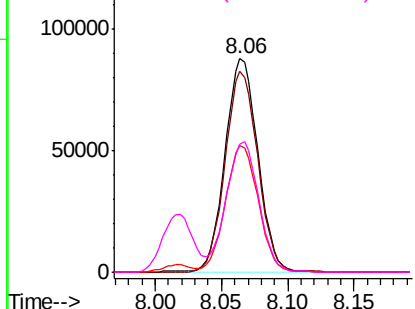
#55
 1,1,2-Trichloroethane
 Concen: 57.711 ug/l
 RT: 8.06 min Scan# 2143
 Delta R.T. -0.00 min
 Lab File: VU028342.D
 Acq: 27 Nov 2018 17:41

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050

Tot Ion:	97	Resp:	150290
Ion	Ratio	Lower	Upper
97	100		
83	94.1	76.1	114.1
85	59.5	48.9	73.3
99	60.1	52.0	78.0

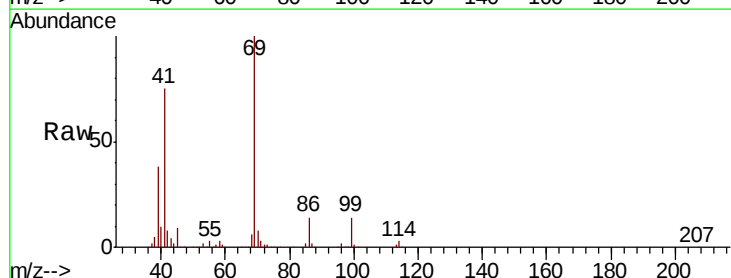


Abundance Ion 96.90 (96.60 to 97.60): VU0
 Ion 82.90 (82.60 to 83.60): VU0
 Ion 84.90 (84.60 to 85.60): VU0
 Ion 98.90 (98.60 to 99.60): VU0

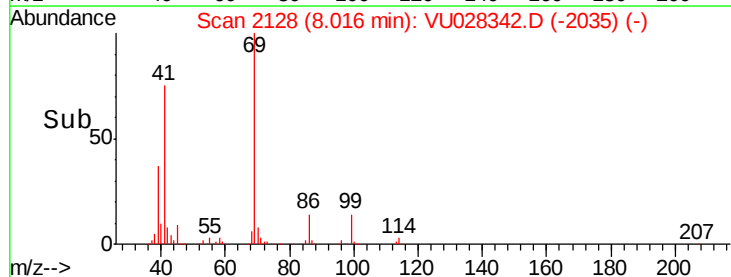
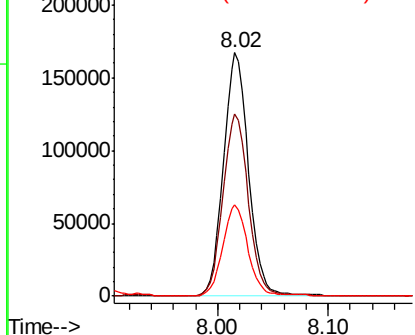


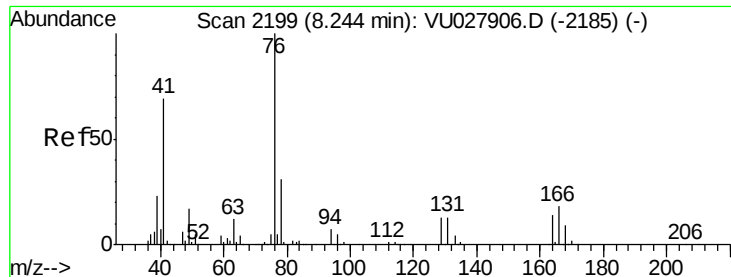
#56
 Ethyl methacrylate
 Concen: 57.466 ug/l
 RT: 8.02 min Scan# 2128
 Delta R.T. -0.00 min
 Lab File: VU028342.D
 Acq: 27 Nov 2018 17:41

Tgt Ion:	69	Resp:	263909
Ion	Ratio	Lower	Upper
69	100		
41	76.0	59.8	89.6
39	37.5	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: 59.037 ug/l

RT: 8.24 min Scan# 2198

Delta R.T. -0.00 min

Lab File: VU028342.D

Acq: 27 Nov 2018 17:41

Instrument :

MSVOA_U

ClientSampleId :

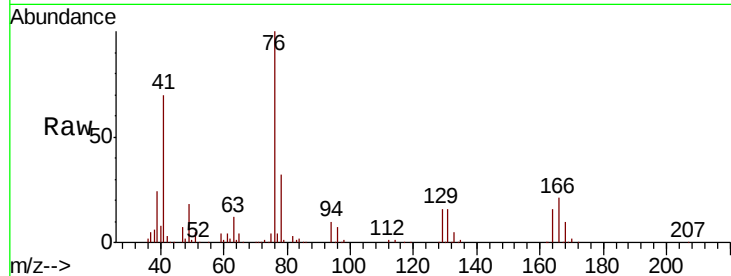
VSTDCCC050

Tot Ion: 76 Resp: 280055

Ion Ratio Lower Upper

76 100

78 31.8 25.3 37.9



Abundance Ion 75.90 (75.60 to 76.60): VU0

Ion 77.90 (77.60 to 78.60): VU0

8.24

150000

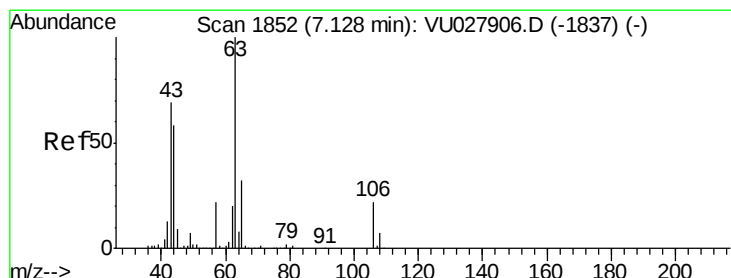
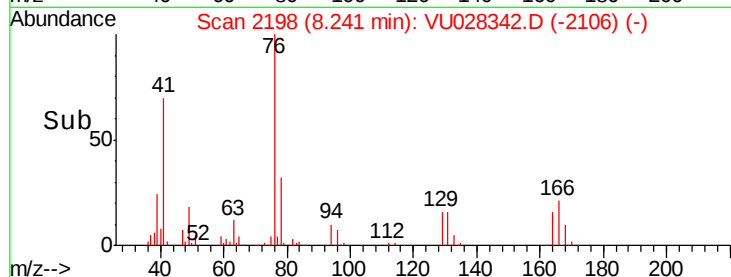
100000

50000

0

Time-->

8.15 8.20 8.25 8.30 8.35



#58

2-Chloroethyl Vinyl ether

Concen: 257.432 ug/l

RT: 7.13 min Scan# 1851

Delta R.T. -0.00 min

Lab File: VU028342.D

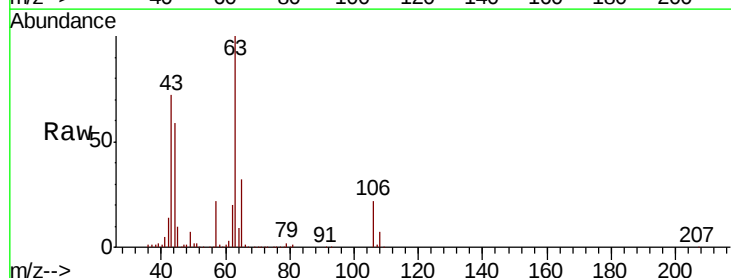
Acq: 27 Nov 2018 17:41

Tgt Ion: 63 Resp: 633179

Ion Ratio Lower Upper

63 100

106 21.4 17.8 26.6



Abundance Ion 62.90 (62.60 to 63.60): VU0

Ion 105.90 (105.60 to 106.60): V

7.13

400000

300000

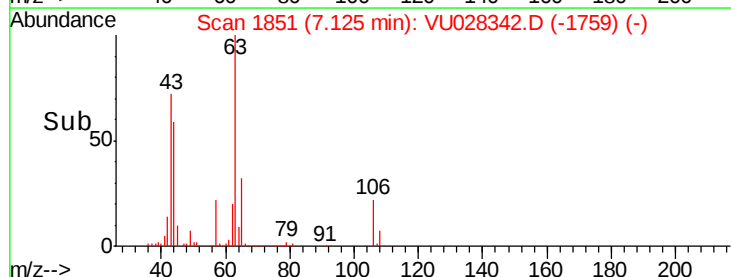
200000

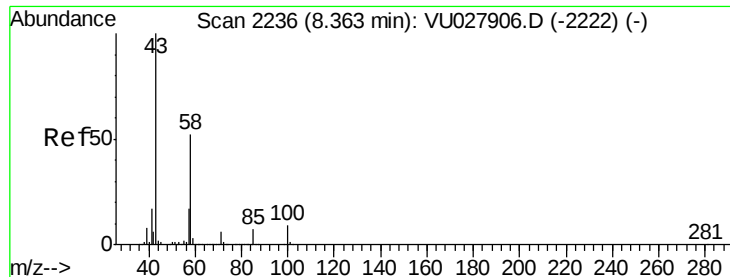
100000

0

Time-->

7.05 7.10 7.15 7.20

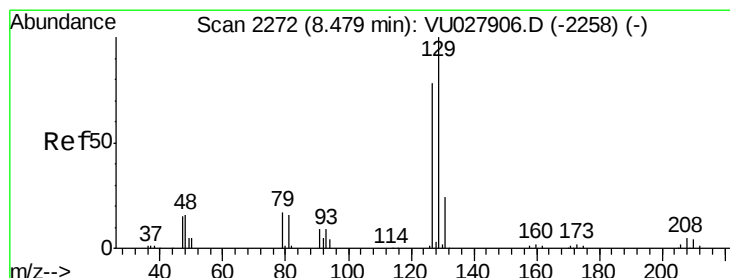
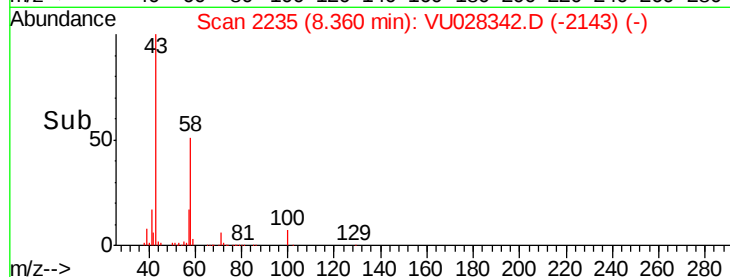
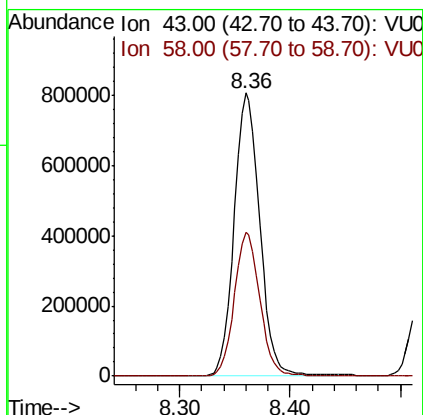
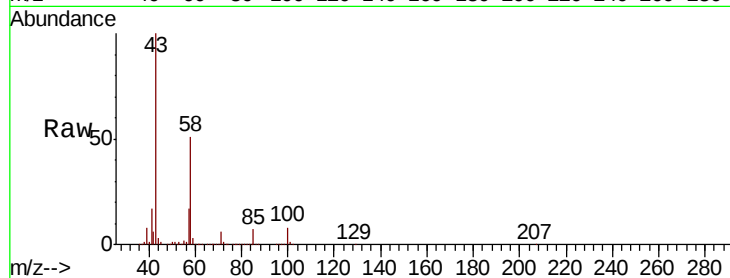




#59
2-Hexanone
Concen: 307.549 ug/l
RT: 8.36 min Scan# 2235
Delta R.T. -0.00 min
Lab File: VU028342.D
Acq: 27 Nov 2018 17:41

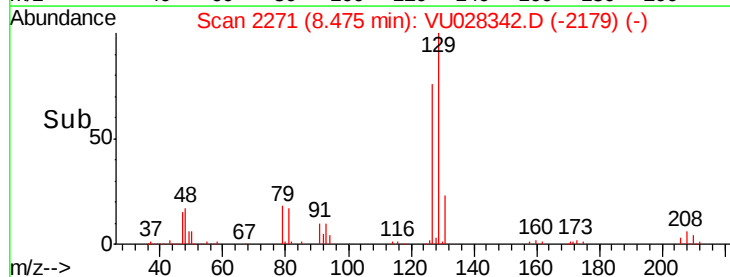
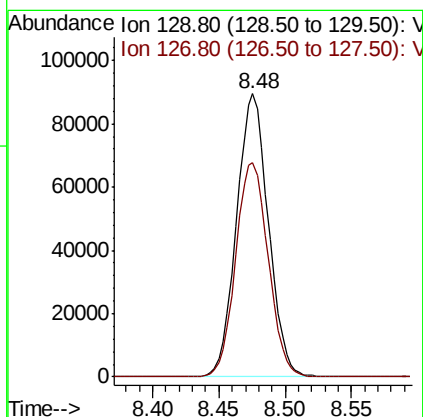
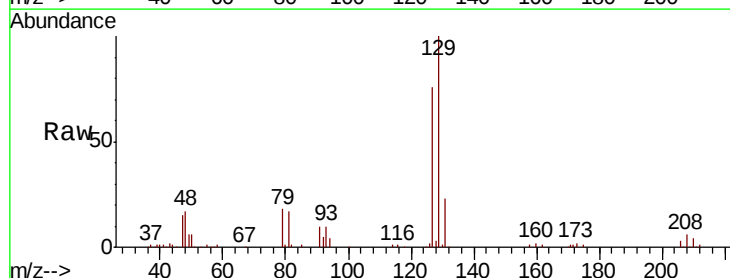
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

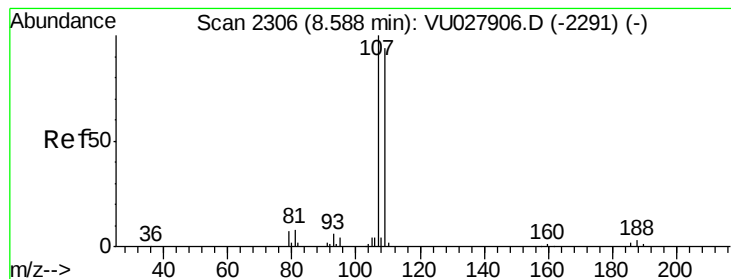
Tot Ion: 43 Resp: 1298639
Ion Ratio Lower Upper
43 100
58 50.6 25.8 77.3



#60
Dibromochloromethane
Concen: 60.628 ug/l
RT: 8.48 min Scan# 2271
Delta R.T. -0.00 min
Lab File: VU028342.D
Acq: 27 Nov 2018 17:41

Tgt Ion: 129 Resp: 149403
Ion Ratio Lower Upper
129 100
127 77.4 39.2 117.6





#61

1,2-Dibromoethane

Concen: 56.653 ug/l

RT: 8.58 min Scan# 2305

Delta R.T. -0.00 min

Lab File: VU028342.D

Acq: 27 Nov 2018 17:41

Instrument :

MSVOA_U

ClientSampleId :

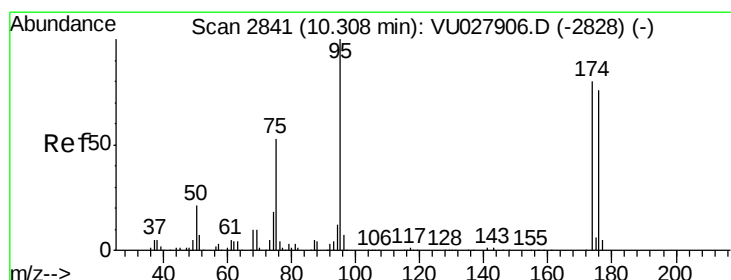
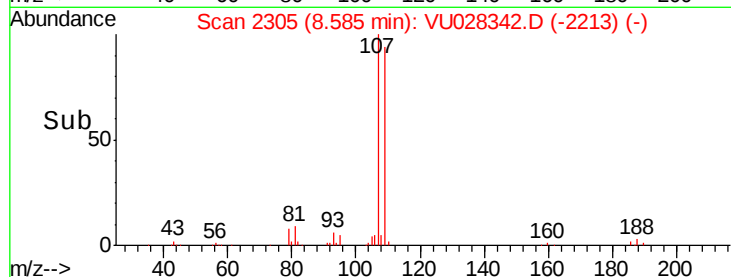
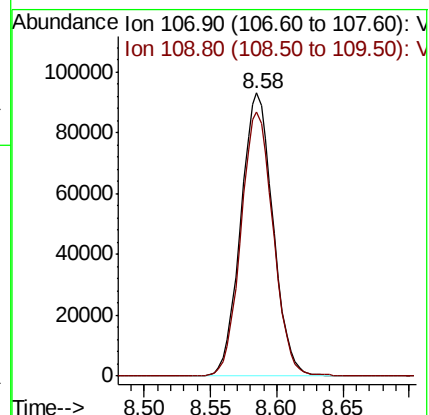
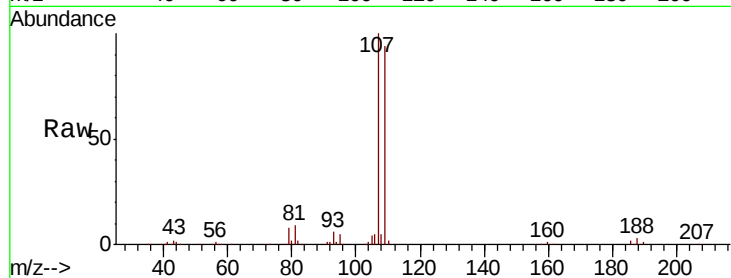
VSTDCCC050

Tot Ion:107 Resp: 156766

Ion Ratio Lower Upper

107 100

109 93.6 73.8 110.8



#62

4-Bromofluorobenzene

Concen: 55.418 ug/l

RT: 10.30 min Scan# 2840

Delta R.T. -0.00 min

Lab File: VU028342.D

Acq: 27 Nov 2018 17:41

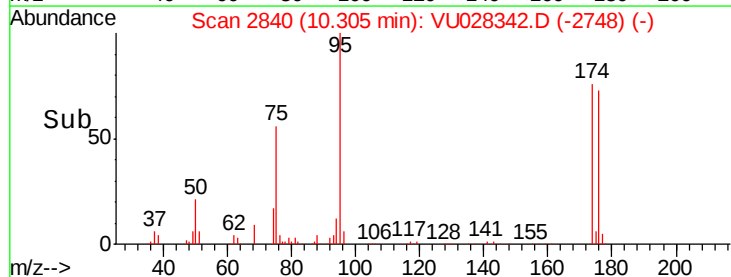
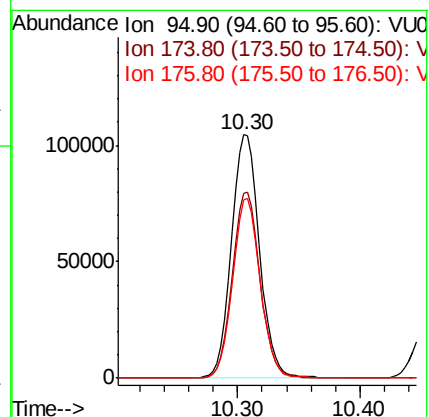
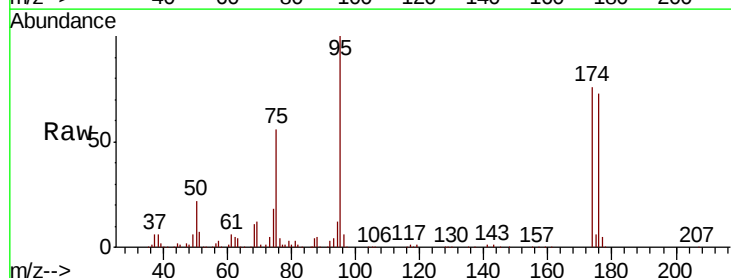
Tgt Ion: 95 Resp: 169284

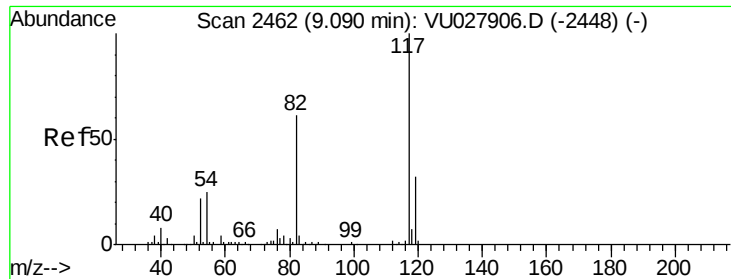
Ion Ratio Lower Upper

95 100

174 75.3 0.0 156.4

176 72.0 0.0 150.8

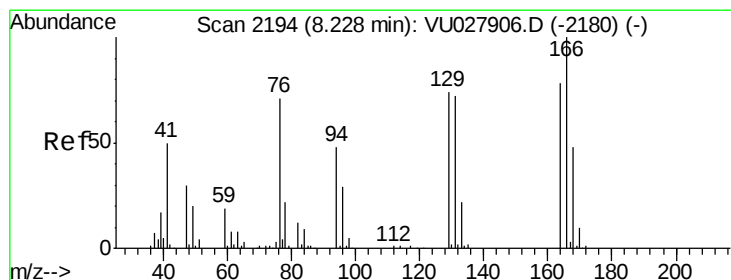
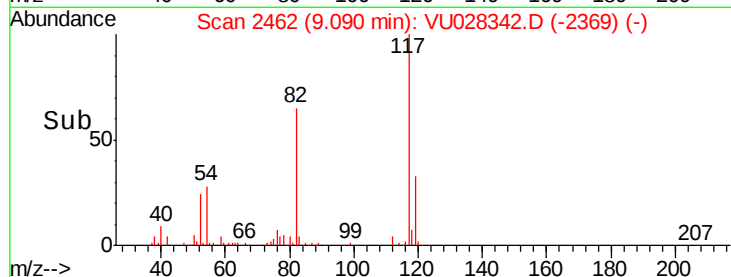
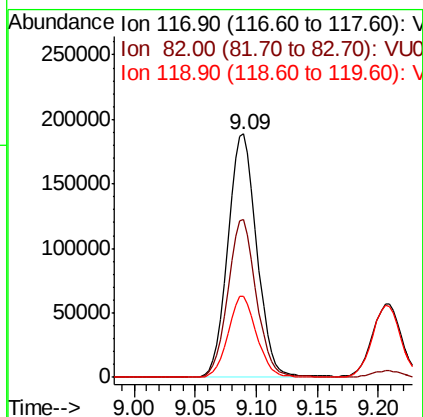
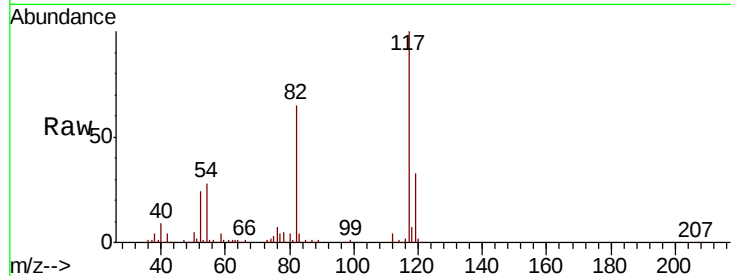




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.09 min Scan# 2462
Delta R.T. 0.00 min
Lab File: VU028342.D
Acq: 27 Nov 2018 17:41

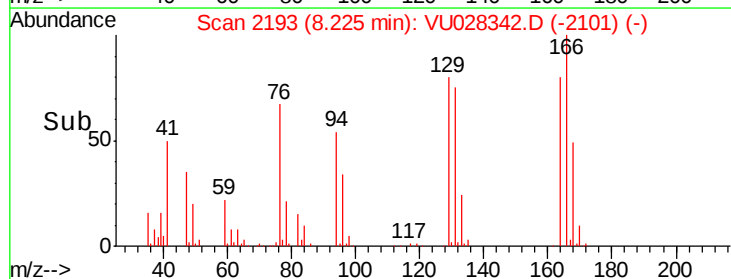
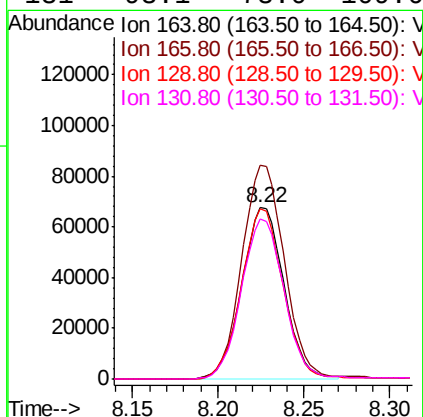
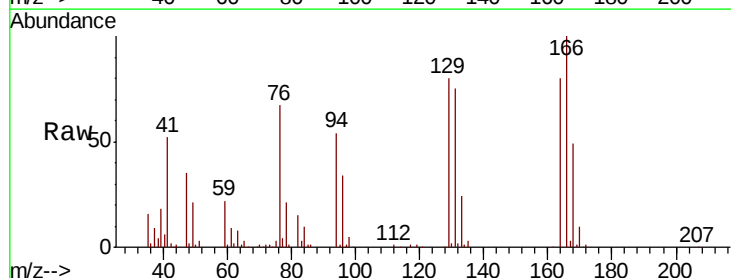
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

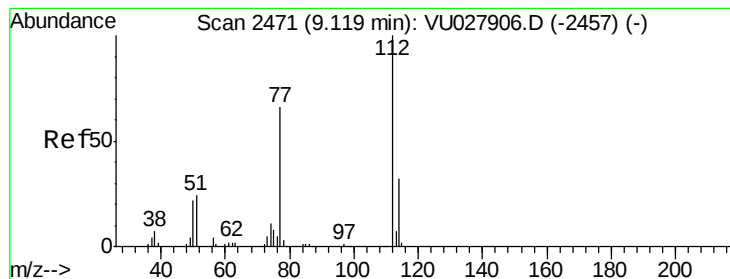
Tot Ion:117 Resp: 313730
Ion Ratio Lower Upper
117 100
82 64.6 48.6 73.0
119 33.3 25.8 38.8



#64
Tetrachloroethene
Concen: 56.576 ug/l
RT: 8.22 min Scan# 2193
Delta R.T. -0.00 min
Lab File: VU028342.D
Acq: 27 Nov 2018 17:41

Tgt Ion:164 Resp: 115093
Ion Ratio Lower Upper
164 100
166 124.7 102.1 153.1
129 99.5 75.9 113.9
131 93.1 73.0 109.6





#65

Chlorobenzene

Concen: 56.764 ug/l

RT: 9.12 min Scan# 2471

Delta R.T. 0.00 min

Lab File: VU028342.D

Acq: 27 Nov 2018 17:41

Instrument :

MSVOA_U

ClientSampleId :

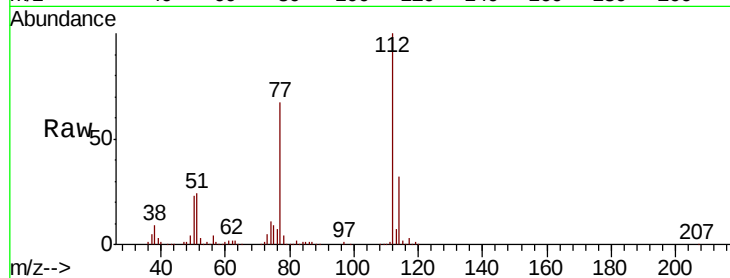
VSTDCCC050

Tot Ion:112 Resp: 376250

Ion Ratio Lower Upper

112 100

114 32.1 25.2 37.8



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V

9.12

250000

200000

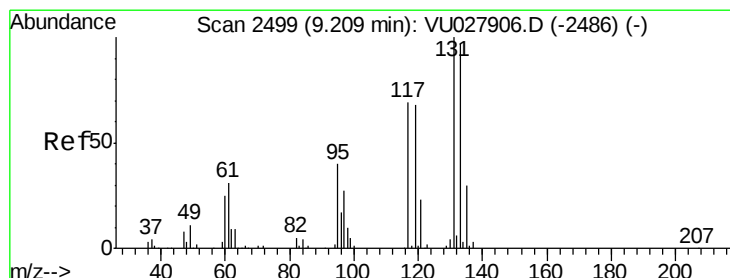
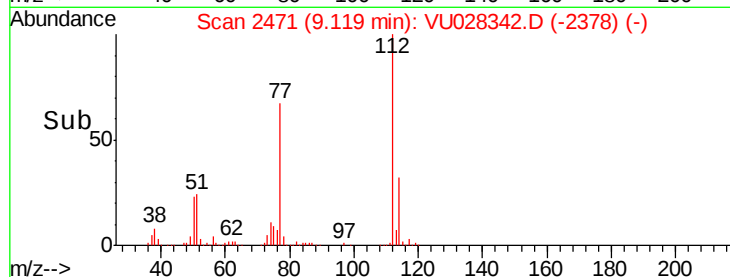
150000

100000

50000

0

Time-->



#66

1,1,1,2-Tetrachloroethane

Concen: 57.794 ug/l

RT: 9.21 min Scan# 2499

Delta R.T. 0.00 min

Lab File: VU028342.D

Acq: 27 Nov 2018 17:41

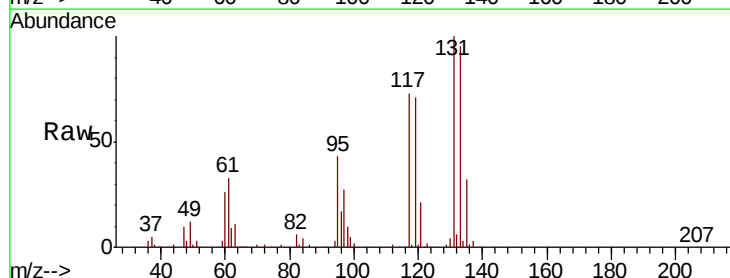
Tgt Ion:131 Resp: 130846

Ion Ratio Lower Upper

131 100

133 94.6 48.1 144.4

119 68.6 34.0 101.8



Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V

9.21

100000

80000

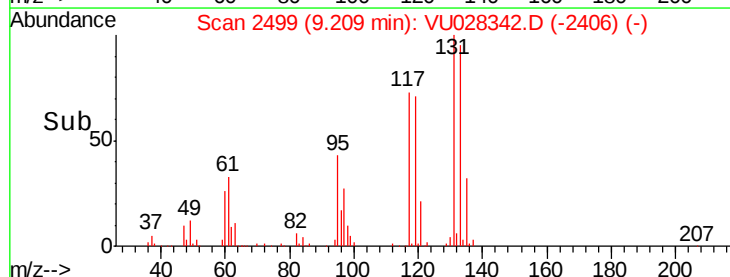
60000

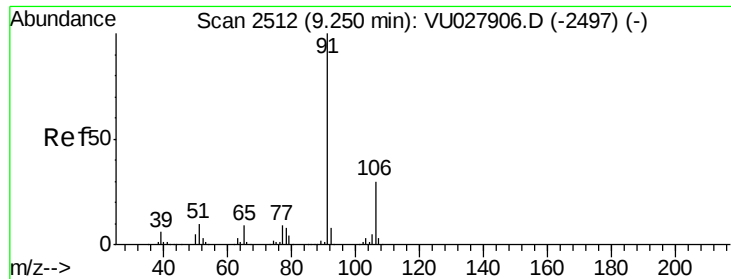
40000

20000

0

Time-->

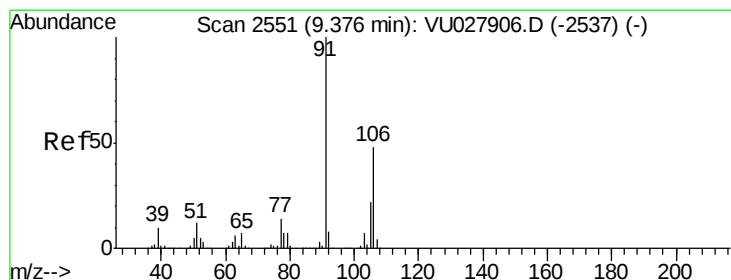
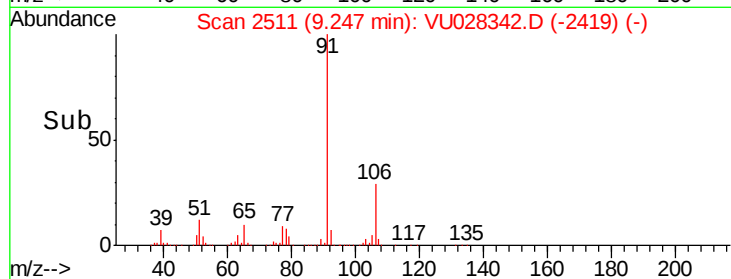
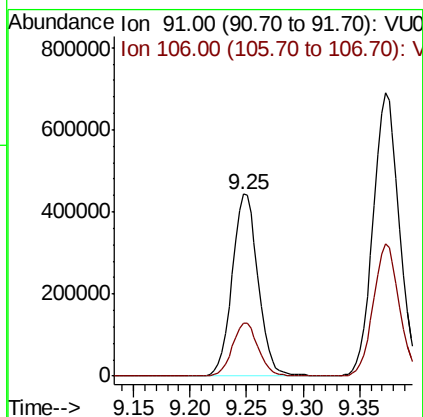
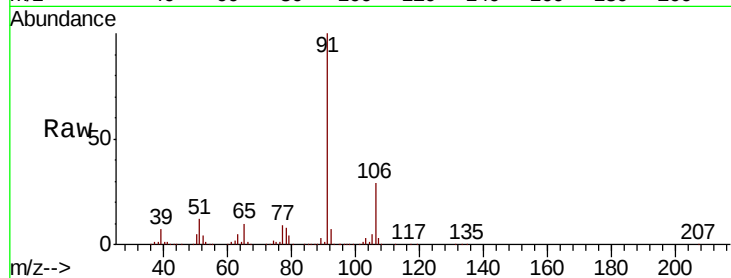




#67
Ethyl Benzene
Concen: 58.253 ug/l
RT: 9.25 min Scan# 2511
Delta R.T. -0.00 min
Lab File: VU028342.D
Acq: 27 Nov 2018 17:41

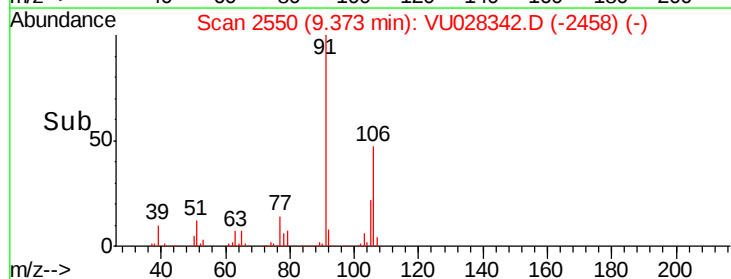
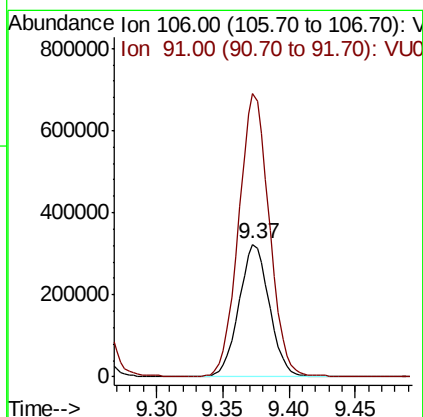
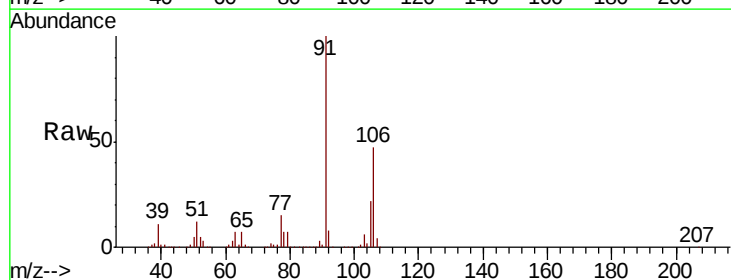
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

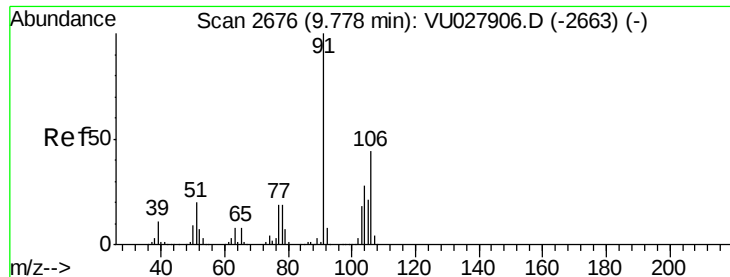
Tot Ion: 91 Resp: 710714
Ion Ratio Lower Upper
91 100
106 29.5 23.6 35.4



#68
m/p-Xylenes
Concen: 116.183 ug/l
RT: 9.37 min Scan# 2550
Delta R.T. -0.00 min
Lab File: VU028342.D
Acq: 27 Nov 2018 17:41

Tgt Ion: 106 Resp: 514324
Ion Ratio Lower Upper
106 100
91 216.2 168.2 252.4

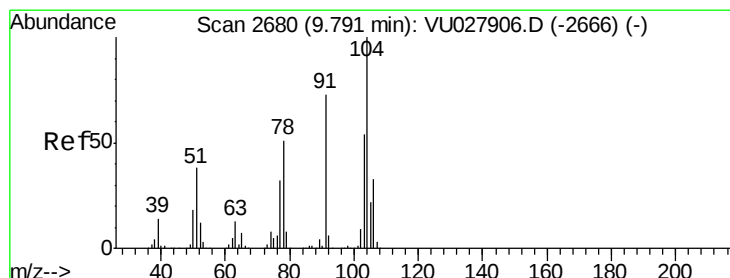
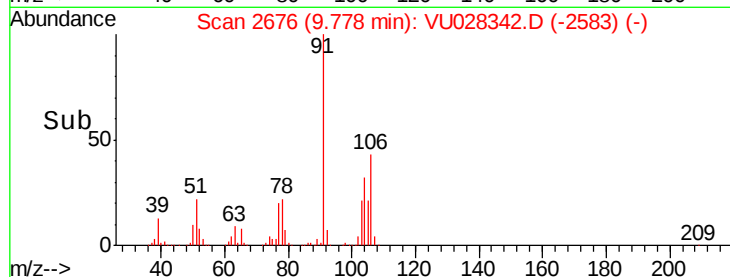
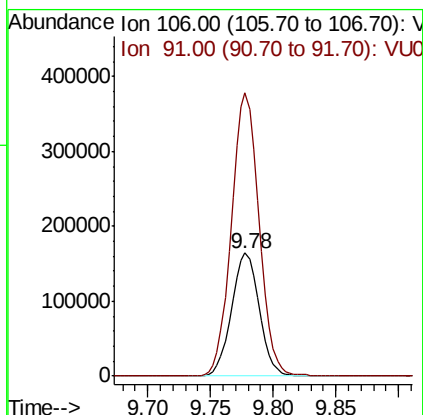
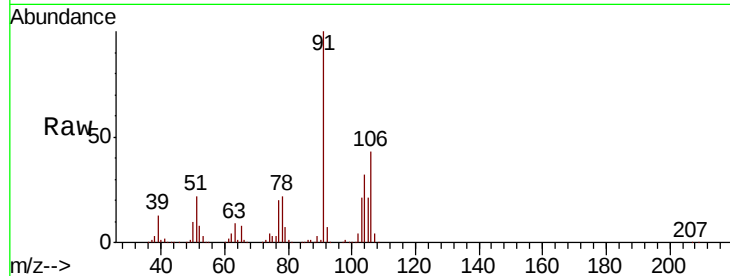




#69
o-Xylene
Concen: 56.702 ug/l
RT: 9.78 min Scan# 2676
Delta R.T. 0.00 min
Lab File: VU028342.D
Acq: 27 Nov 2018 17:41

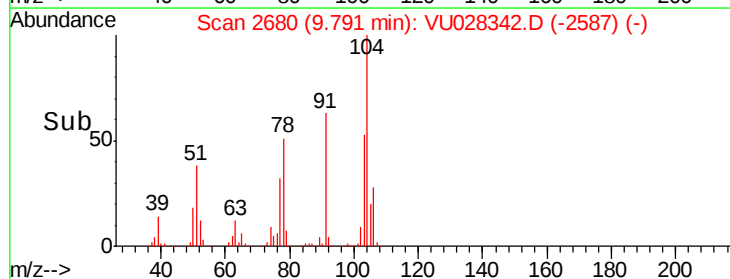
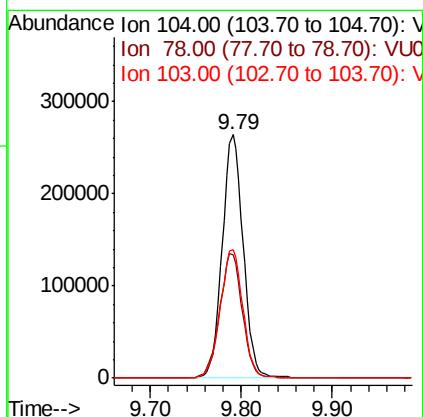
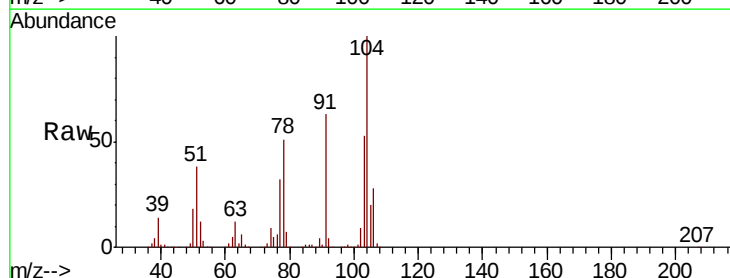
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

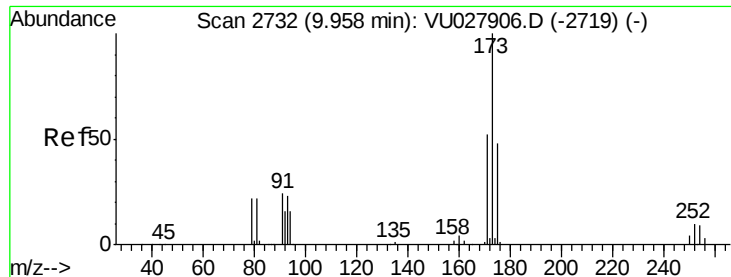
Tot Ion:106 Resp: 253467
Ion Ratio Lower Upper
106 100
91 228.3 111.1 333.4



#70
Styrene
Concen: 59.270 ug/l
RT: 9.79 min Scan# 2680
Delta R.T. 0.00 min
Lab File: VU028342.D
Acq: 27 Nov 2018 17:41

Tgt Ion:104 Resp: 423335
Ion Ratio Lower Upper
104 100
78 55.2 43.0 64.4
103 57.1 45.1 67.7





#71

Bromoform

Concen: 60.198 ug/l

RT: 9.96 min Scan# 2732

Delta R.T. 0.00 min

Lab File: VU028342.D

Acq: 27 Nov 2018 17:41

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050

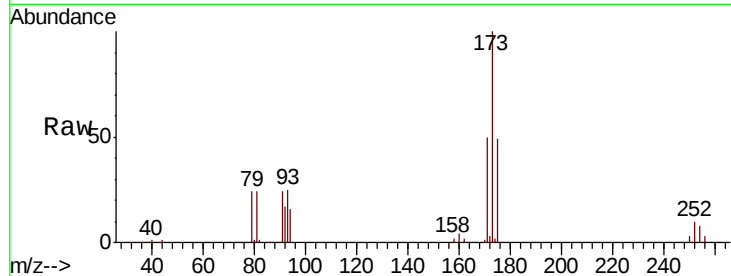
Tot Ion:173 Resp: 114219

Ion Ratio Lower Upper

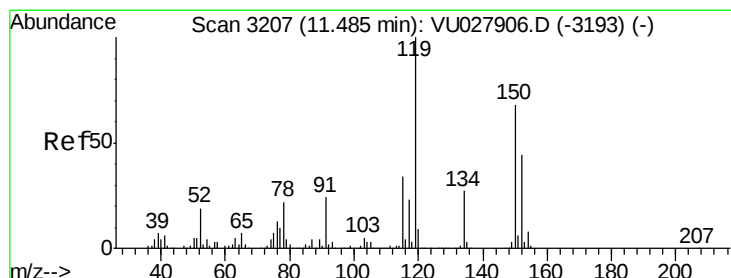
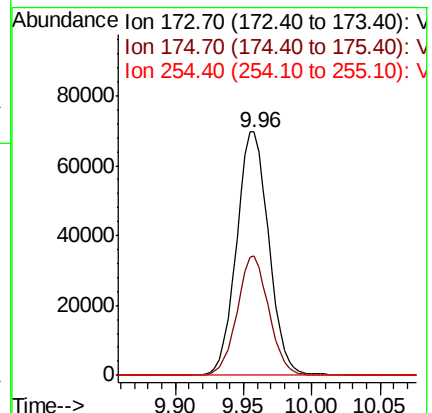
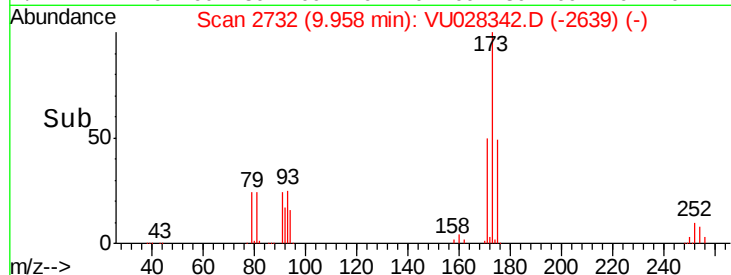
173 100

175 48.1 24.3 72.8

254 0.0 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: VU028342.D

Acq: 27 Nov 2018 17:41

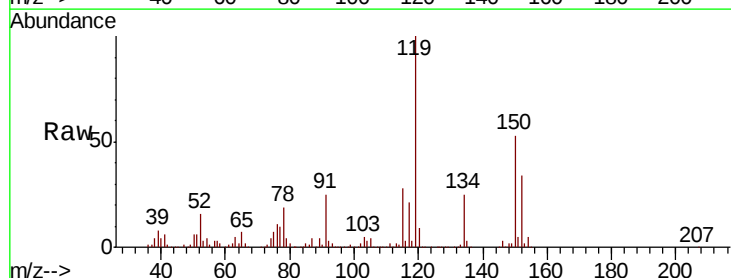
Tgt Ion:152 Resp: 158382

Ion Ratio Lower Upper

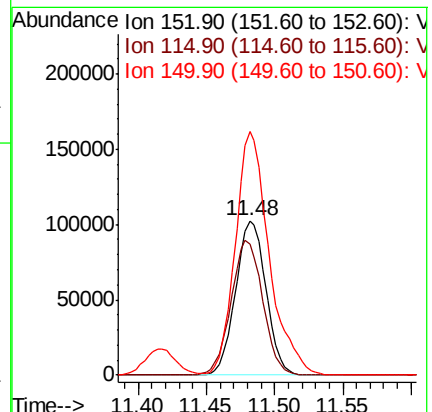
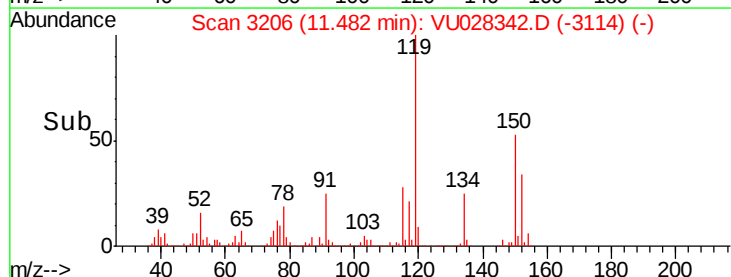
152 100

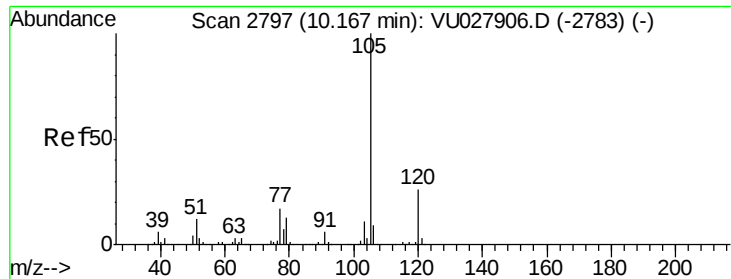
115 91.3 43.0 129.0

150 175.0 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: 55.139 ug/l

RT: 10.17 min Scan# 2797

Delta R.T. 0.00 min

Lab File: VU028342.D

Acq: 27 Nov 2018 17:41

Instrument :

MSVOA_U

ClientSampleId :

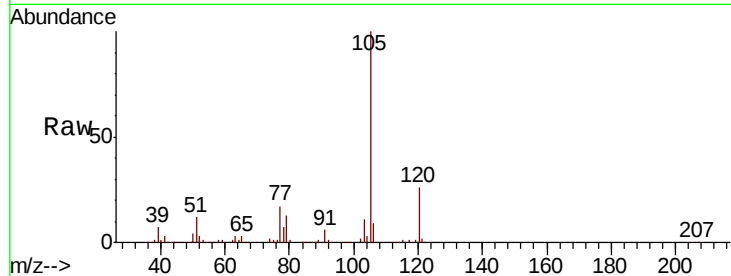
VSTDCCC050

Tot Ion:105 Resp: 676543

Ion Ratio Lower Upper

105 100

120 25.6 12.7 38.0



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

10.17

400000

300000

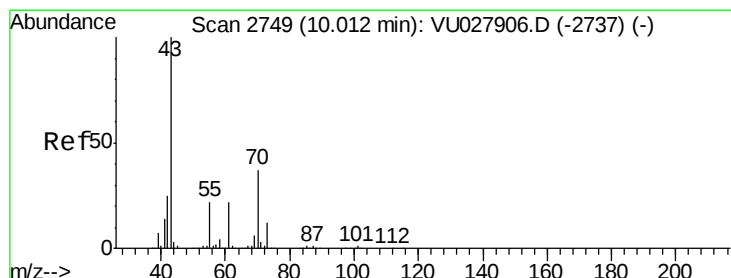
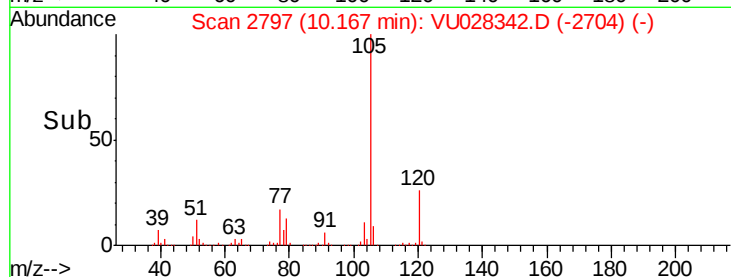
200000

100000

0

Time-->

10.10 10.20



#74

N-ethyl acetate

Concen: 56.443 ug/l

RT: 10.01 min Scan# 2749

Delta R.T. 0.00 min

Lab File: VU028342.D

Acq: 27 Nov 2018 17:41

Tgt Ion: 43 Resp: 418768

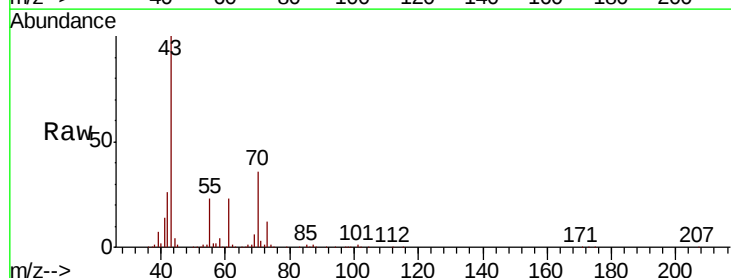
Ion Ratio Lower Upper

43 100

70 35.9 29.2 43.8

55 22.7 17.8 26.6

61 22.3 17.8 26.8



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 70.00 (69.70 to 70.70): VU0

Ion 55.00 (54.70 to 55.70): VU0

Ion 61.00 (60.70 to 61.70): VU0

10.01

400000

300000

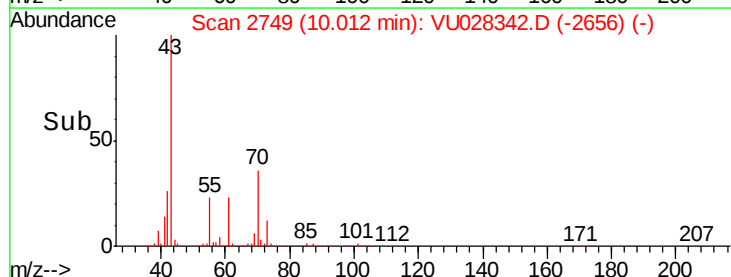
200000

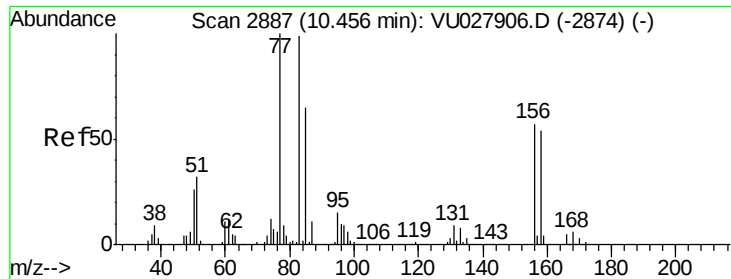
100000

0

Time-->

10.00 10.10





#75

1,1,2,2-Tetrachloroethane

Concen: 57.192 ug/l

RT: 10.46 min Scan# 2887

Delta R.T. 0.00 min

Lab File: VU028342.D

Acq: 27 Nov 2018 17:41

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050

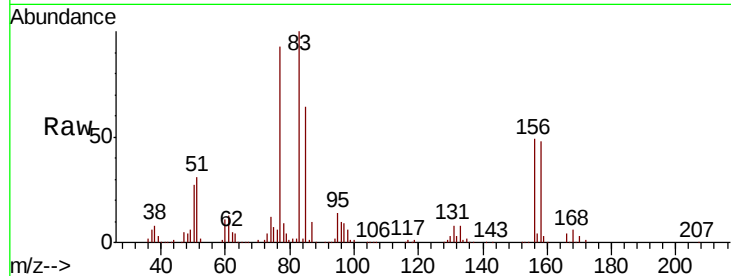
Tot Ion: 83 Resp: 283058

Ion Ratio Lower Upper

83 100

131 8.1 4.3 13.1

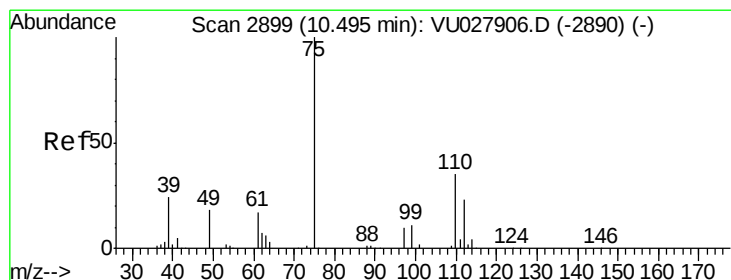
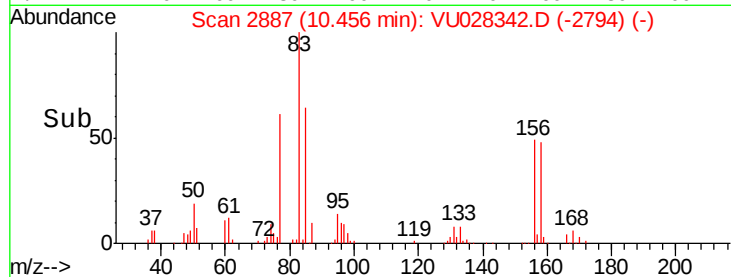
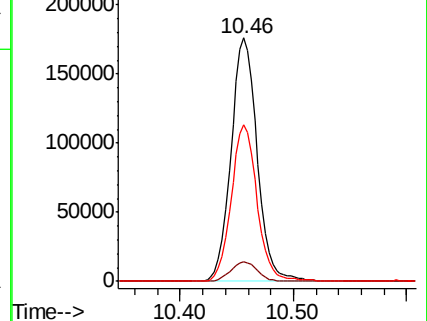
85 63.6 32.4 97.2



Abundance Ion 82.90 (82.60 to 83.60): VU0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VU0



#76

1,2,3-Trichloropropane

Concen: 79.292 ug/l

RT: 10.49 min Scan# 2898

Delta R.T. -0.00 min

Lab File: VU028342.D

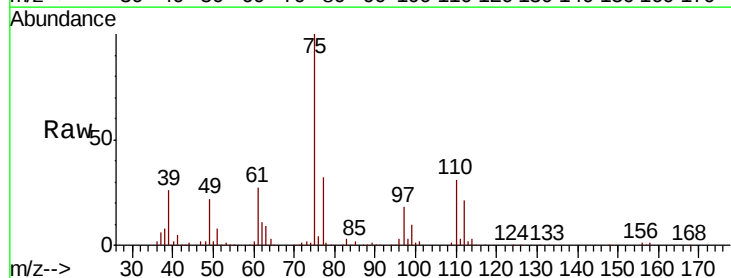
Acq: 27 Nov 2018 17:41

Tgt Ion: 75 Resp: 343508

Ion Ratio Lower Upper

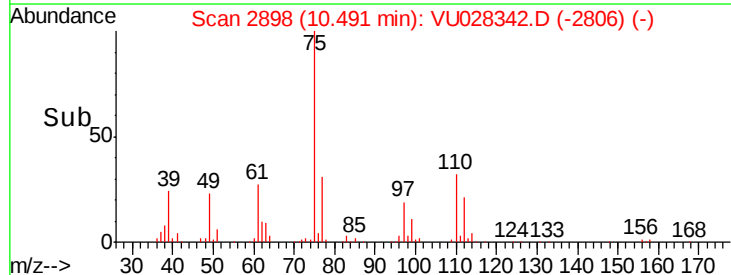
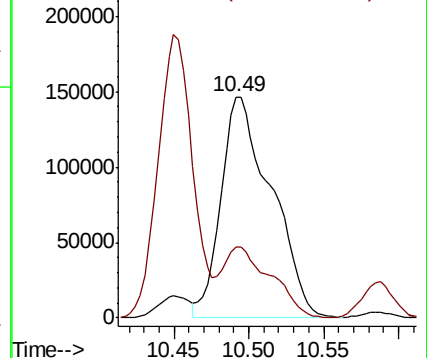
75 100

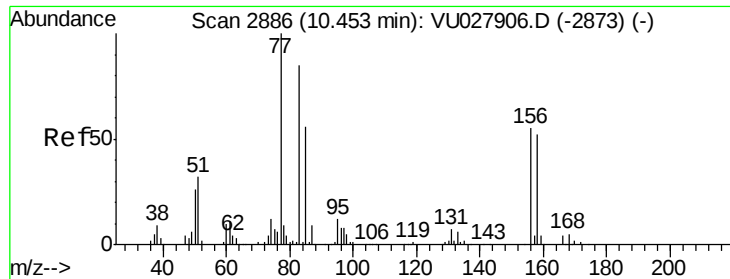
77 29.9 21.6 64.6



Abundance Ion 74.90 (74.60 to 75.60): VU0

Ion 77.00 (76.70 to 77.70): VU0





#77

Bromobenzene

Concen: 55.188 ug/l

RT: 10.45 min Scan# 2885

Delta R.T. -0.00 min

Lab File: VU028342.D

Acq: 27 Nov 2018 17:41

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050

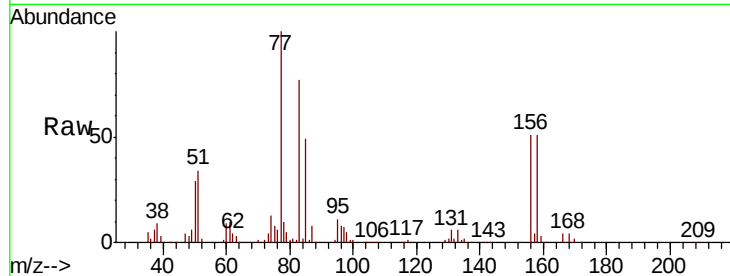
Tot Ion:156 Resp: 155270

Ion Ratio Lower Upper

156 100

77 194.0 91.8 275.6

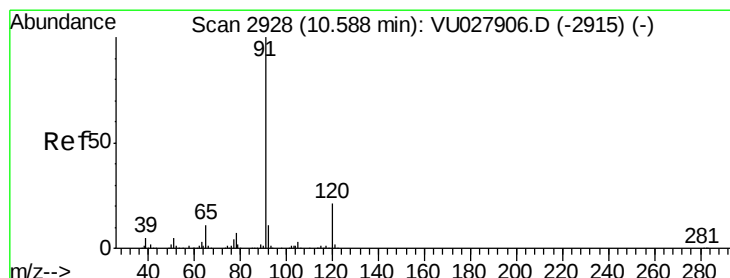
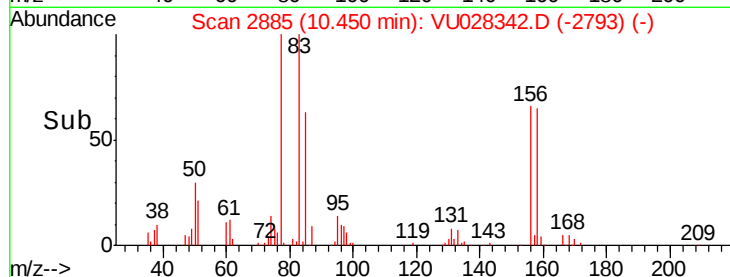
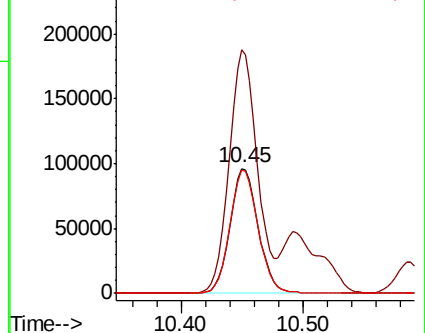
158 99.1 48.4 145.2



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: 57.648 ug/l

RT: 10.58 min Scan# 2927

Delta R.T. -0.00 min

Lab File: VU028342.D

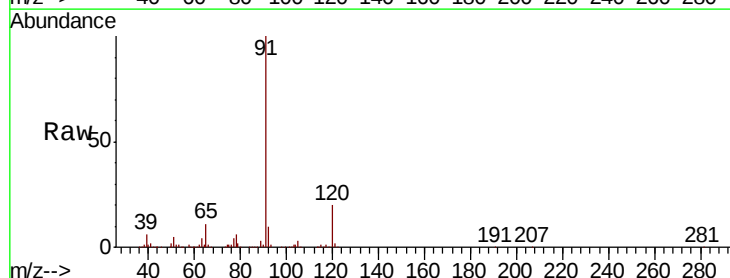
Acq: 27 Nov 2018 17:41

Tgt Ion: 91 Resp: 846662

Ion Ratio Lower Upper

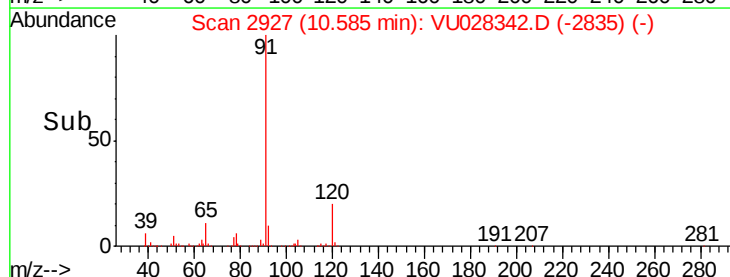
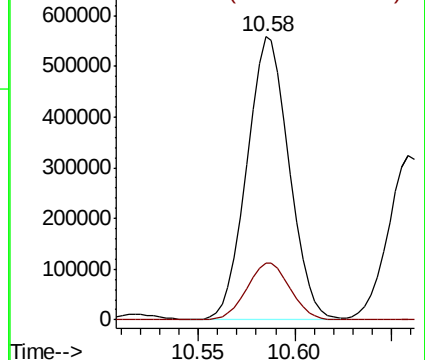
91 100

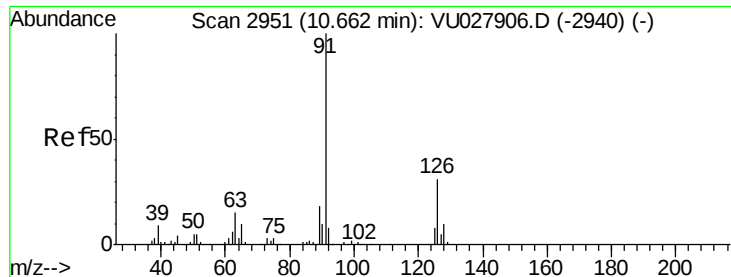
120 20.6 10.6 31.8



Abundance Ion 91.00 (90.70 to 91.70): VU0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 56.672 ug/l

RT: 10.66 min Scan# 2950

Delta R.T. -0.00 min

Lab File: VU028342.D

Acq: 27 Nov 2018 17:41

Instrument :

MSVOA_U

ClientSampleId :

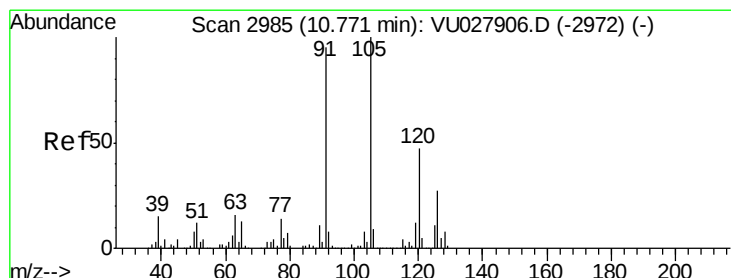
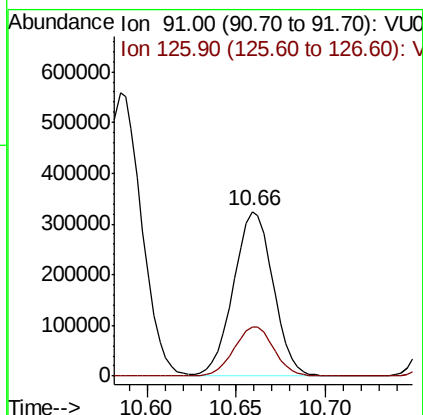
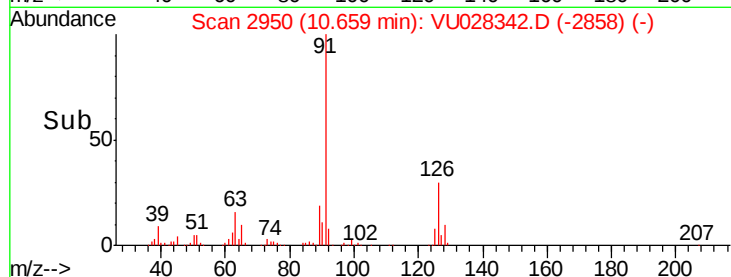
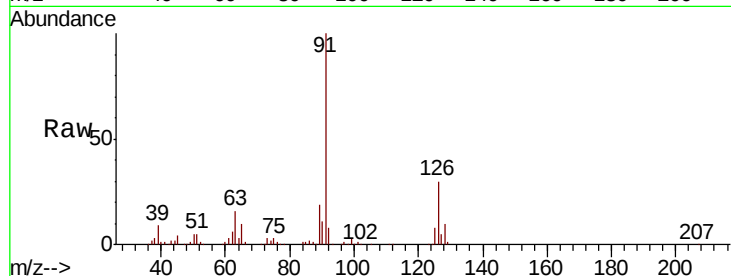
VSTDCCC050

Tot Ion: 91 Resp: 498900

Ion Ratio Lower Upper

91 100

126 30.5 16.0 47.9



#80

1,3,5-Trimethylbenzene

Concen: 56.705 ug/l

RT: 10.77 min Scan# 2985

Delta R.T. 0.00 min

Lab File: VU028342.D

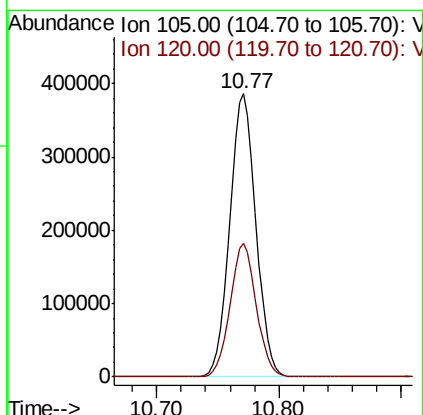
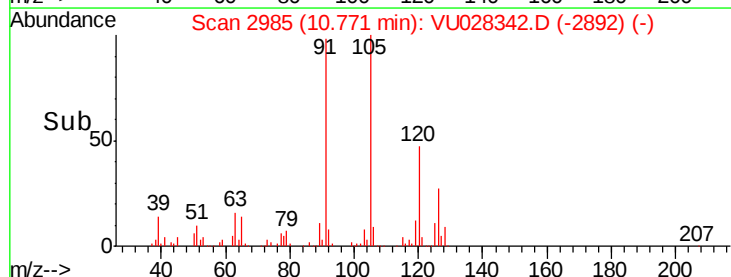
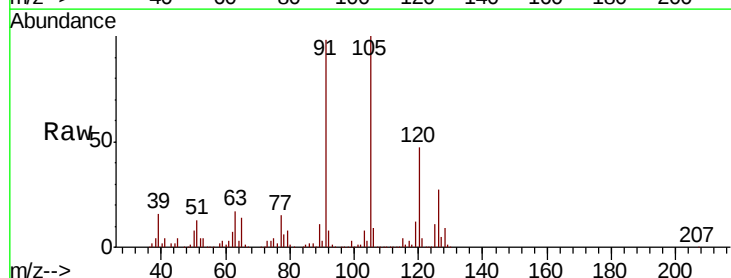
Acq: 27 Nov 2018 17:41

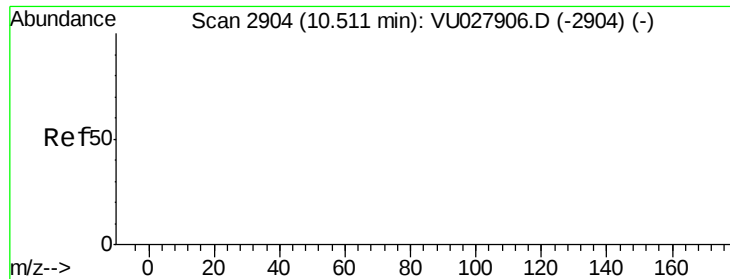
Tgt Ion: 105 Resp: 576350

Ion Ratio Lower Upper

105 100

120 47.0 23.3 69.9





#81

trans-1,4-Dichloro-2-butene

Concen: 197.196 ug/l

RT: 10.49 min Scan# 2898

Delta R.T. -0.02 min

Lab File: VU028342.D

Acq: 27 Nov 2018 17:41

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050

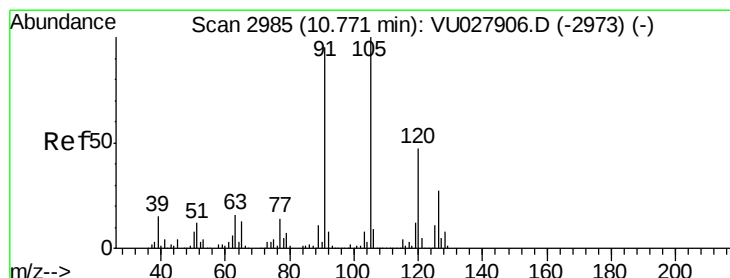
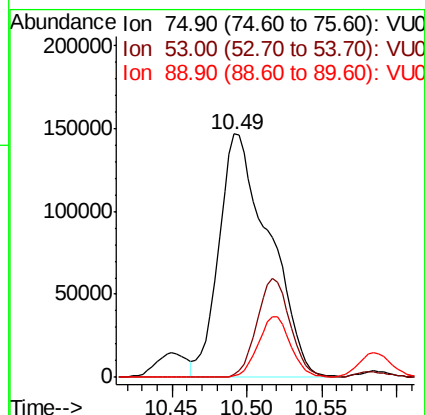
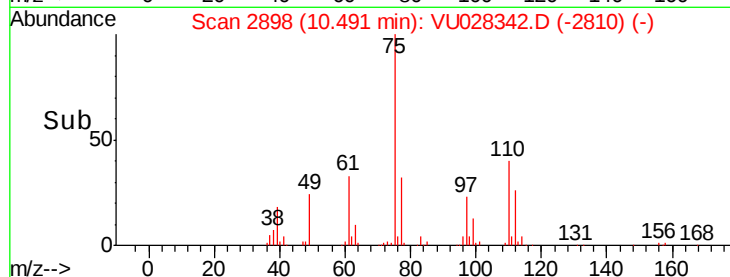
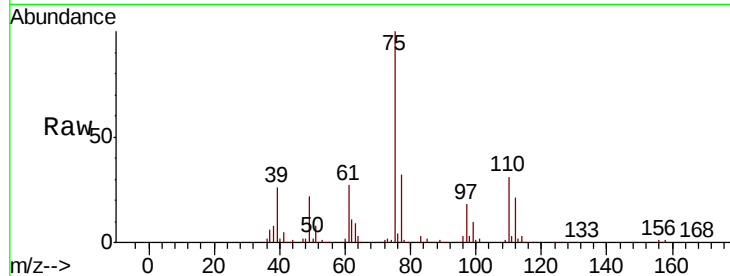
Tot Ion: 75 Resp: 343508

Ion Ratio Lower Upper

75 100

53 0.0 0.0 0.0

89 0.0 0.0 0.0



#82

4-Chlorotoluene

Concen: 57.374 ug/l

RT: 10.77 min Scan# 2985

Delta R.T. 0.00 min

Lab File: VU028342.D

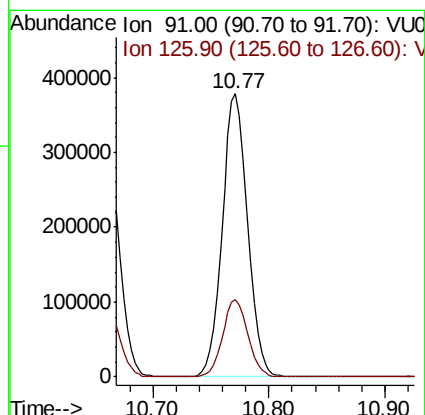
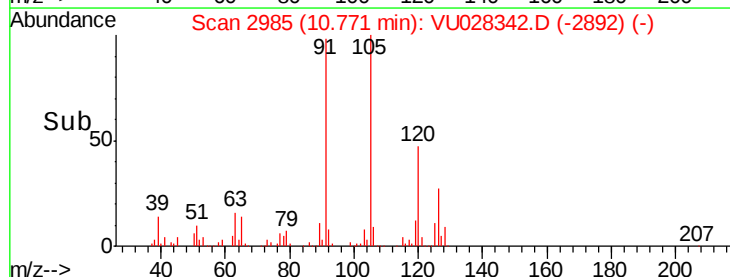
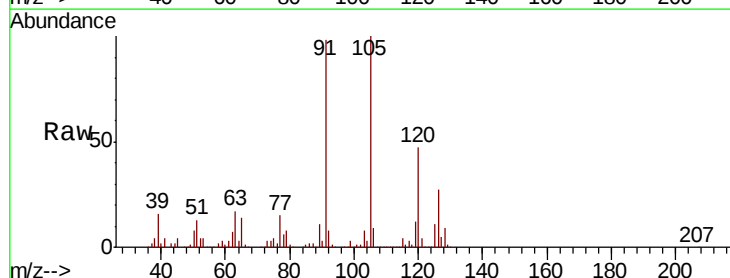
Acq: 27 Nov 2018 17:41

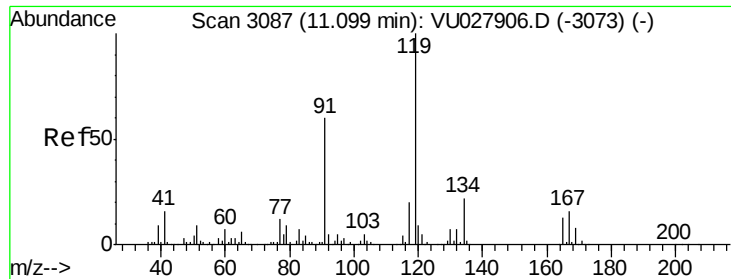
Tgt Ion: 91 Resp: 573402

Ion Ratio Lower Upper

91 100

126 27.4 14.2 42.6

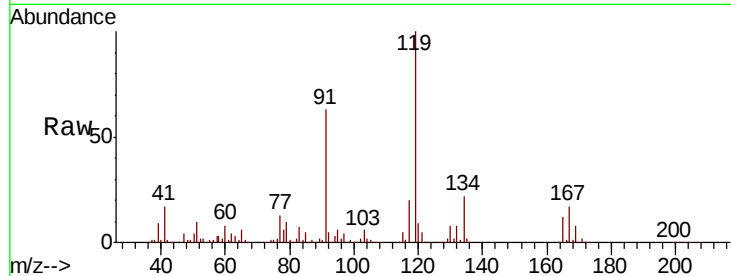




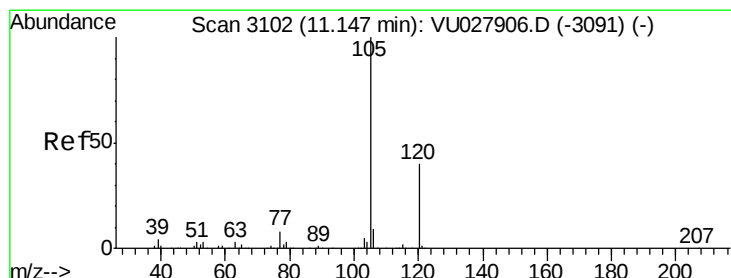
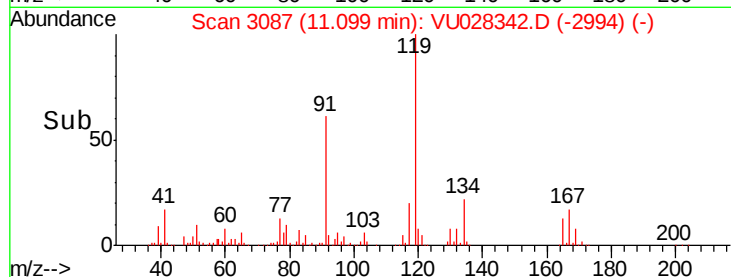
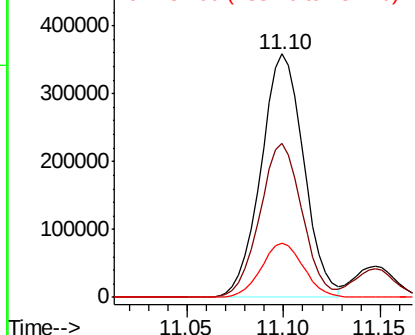
#83
tert-Butylbenzene
Concen: 54.237 ug/l
RT: 11.10 min Scan# 3087
Delta R.T. 0.00 min
Lab File: VU028342.D
Acq: 27 Nov 2018 17:41

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
119	100		
91	62.8	29.8	89.3
134	22.0	11.1	33.1

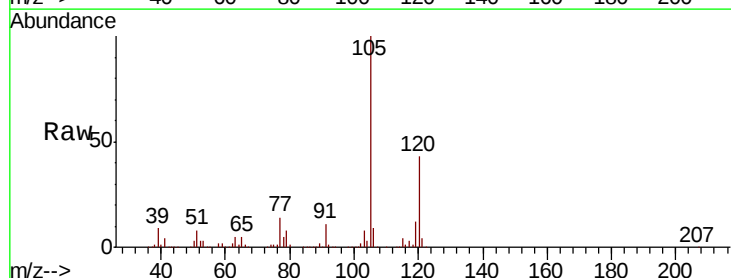


Abundance Ion 119.00 (118.70 to 119.70): V
Ion 91.00 (90.70 to 91.70): V
Ion 134.00 (133.70 to 134.70): V

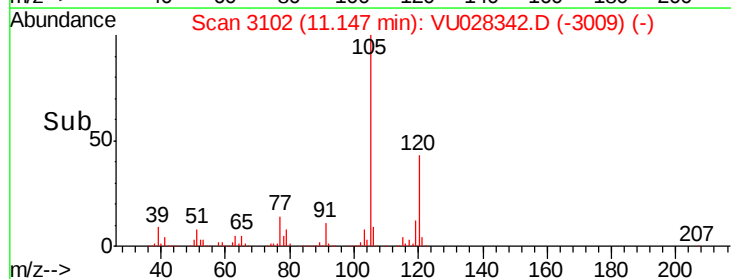
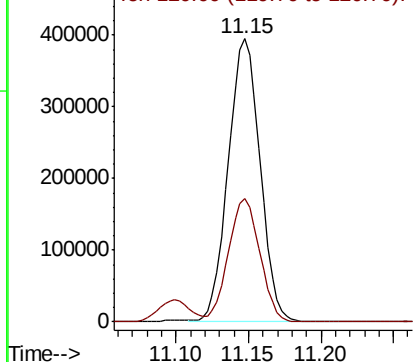


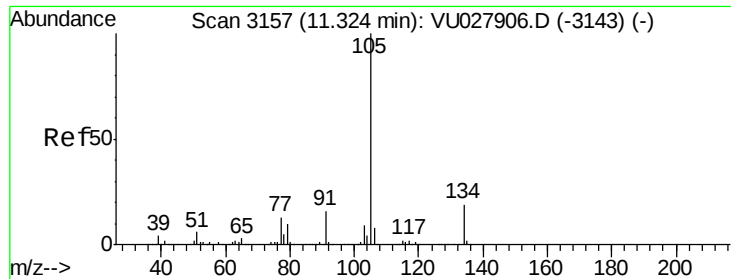
#84
1,2,4-Trimethylbenzene
Concen: 58.645 ug/l
RT: 11.15 min Scan# 3102
Delta R.T. 0.00 min
Lab File: VU028342.D
Acq: 27 Nov 2018 17:41

Tgt Ion	Ratio	Lower	Upper
105	100		
120	43.3	22.1	66.1



Abundance Ion 105.00 (104.70 to 105.70): V
Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 58.201 ug/l

RT: 11.32 min Scan# 3157

Delta R.T. 0.00 min

Lab File: VU028342.D

Acq: 27 Nov 2018 17:41

Instrument :

MSVOA_U

ClientSampleId :

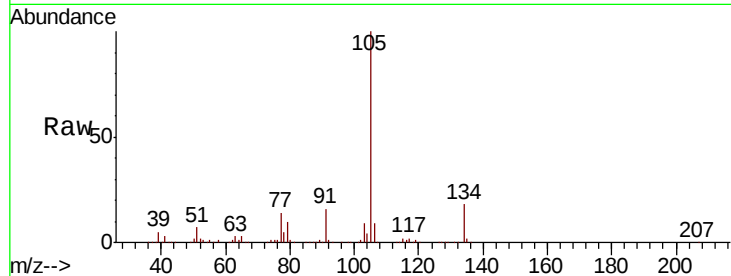
VSTDCCC050

Tot Ion:105 Resp: 719229

Ion Ratio Lower Upper

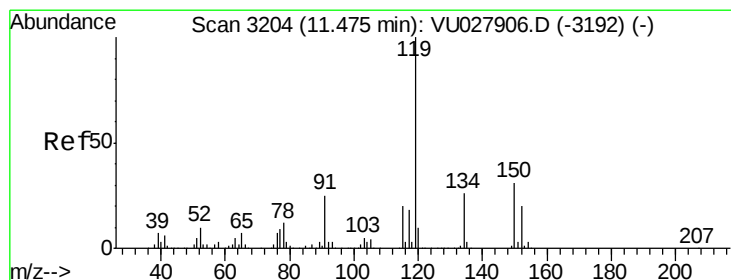
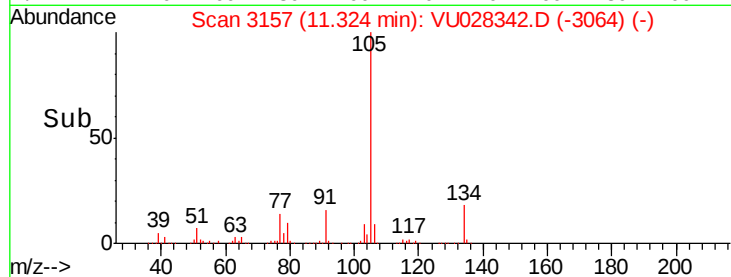
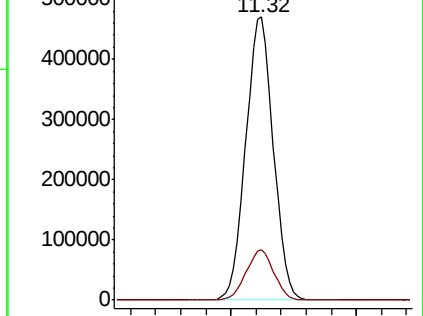
105 100

134 17.8 9.2 27.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 58.029 ug/l

RT: 11.48 min Scan# 3204

Delta R.T. 0.00 min

Lab File: VU028342.D

Acq: 27 Nov 2018 17:41

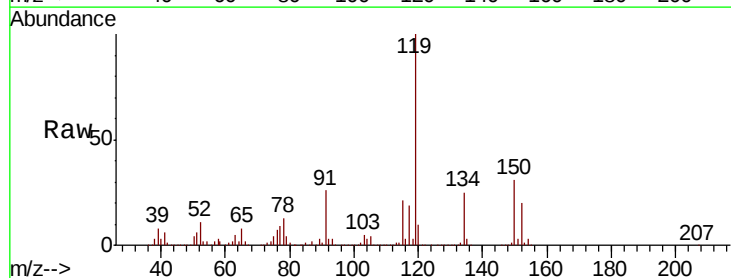
Tgt Ion:119 Resp: 599481

Ion Ratio Lower Upper

119 100

134 25.5 12.9 38.7

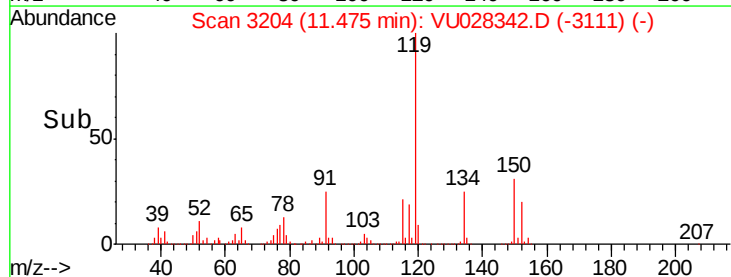
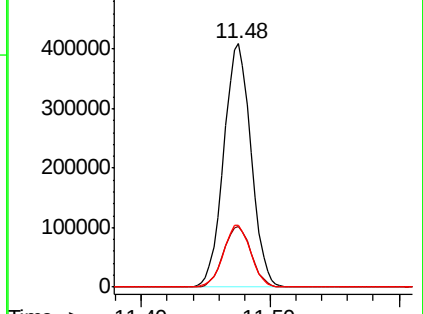
91 25.5 12.4 37.2

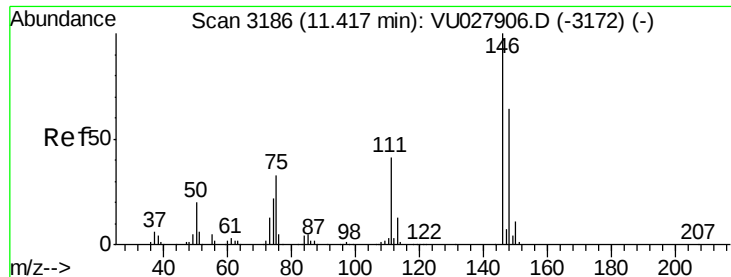


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VU0





#87

1,3-Dichlorobenzene

Concen: 56.434 ug/l

RT: 11.41 min Scan# 3185

Delta R.T. -0.00 min

Lab File: VU028342.D

Acq: 27 Nov 2018 17:41

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050

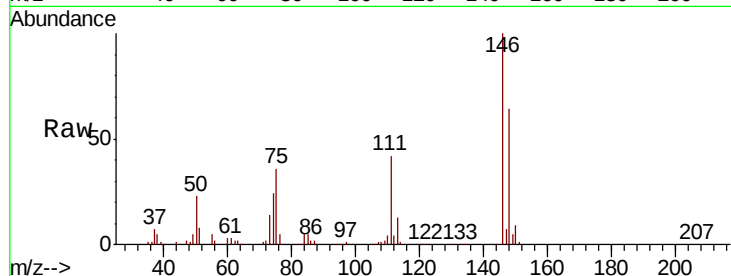
Tot Ion:146 Resp: 293299

Ion Ratio Lower Upper

146 100

111 41.5 20.3 61.0

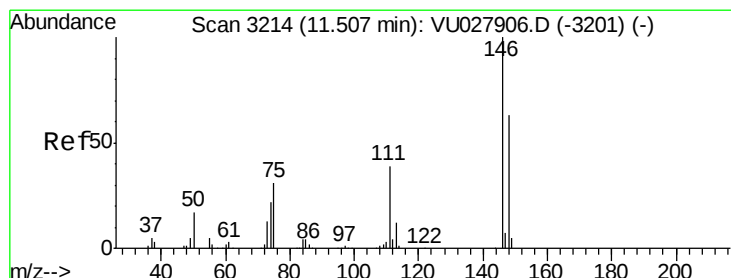
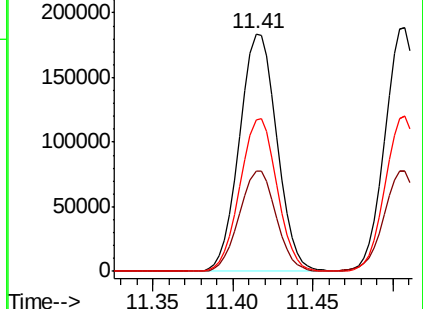
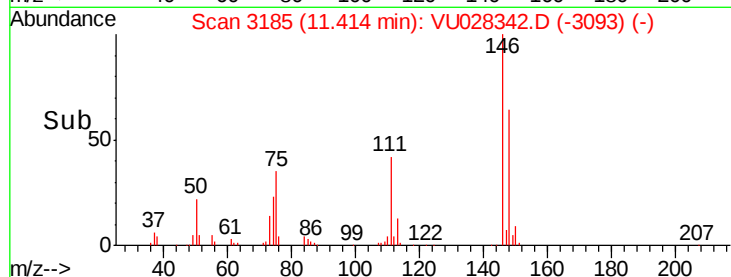
148 63.5 31.8 95.4



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: 54.818 ug/l

RT: 11.51 min Scan# 3214

Delta R.T. 0.00 min

Lab File: VU028342.D

Acq: 27 Nov 2018 17:41

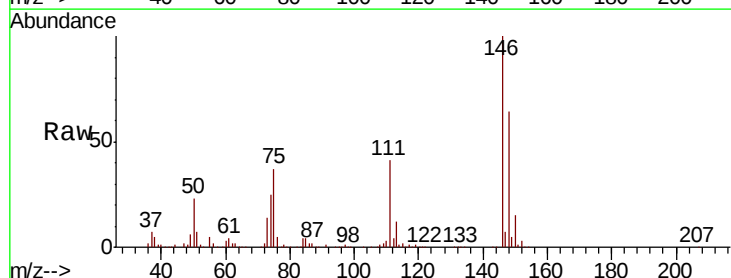
Tgt Ion:146 Resp: 292015

Ion Ratio Lower Upper

146 100

111 41.5 20.3 60.9

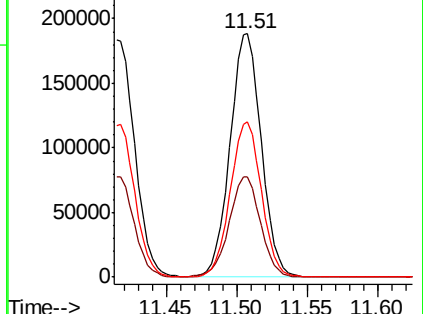
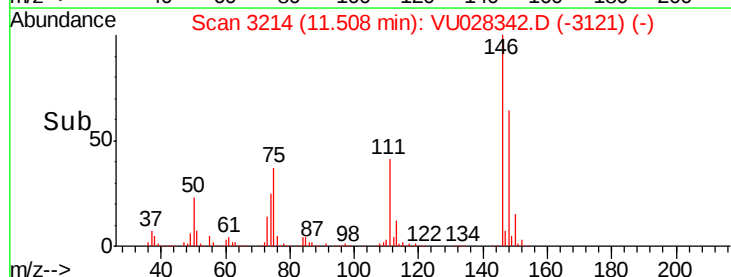
148 63.4 32.0 96.2

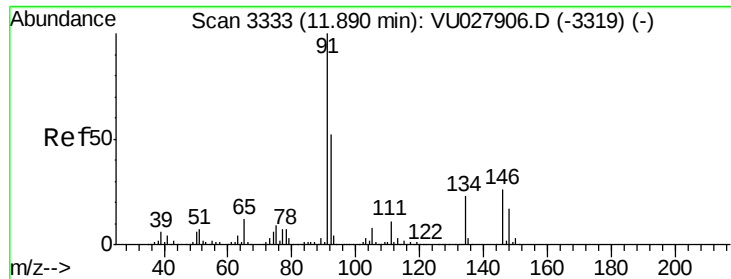


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V





#89

n-Butylbenzene

Concen: 61.547 ug/l

RT: 11.89 min Scan# 3333

Delta R.T. 0.00 min

Lab File: VU028342.D

Acq: 27 Nov 2018 17:41

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050

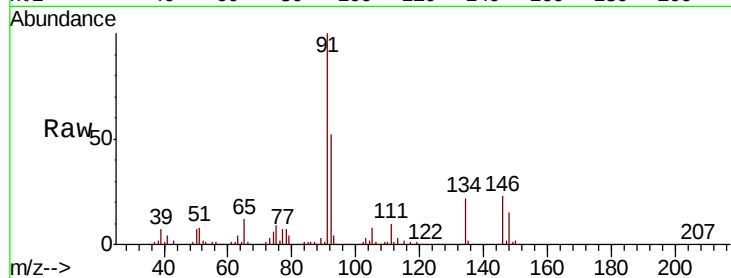
Tot Ion: 91 Resp: 604264

Ion Ratio Lower Upper

91 100

92 52.1 26.2 78.5

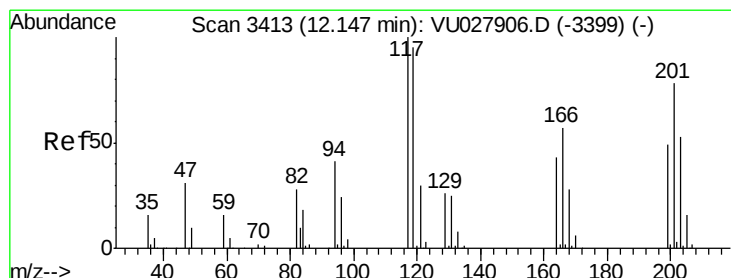
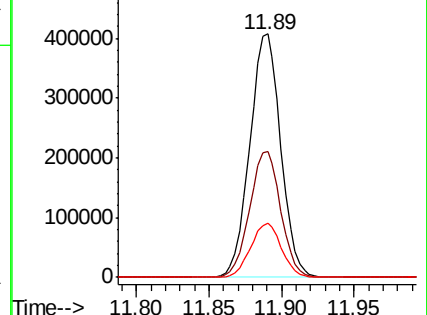
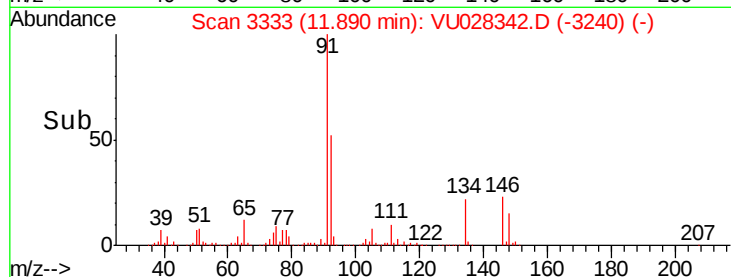
134 22.2 11.5 34.5



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: 49.896 ug/l

RT: 12.14 min Scan# 3412

Delta R.T. -0.00 min

Lab File: VU028342.D

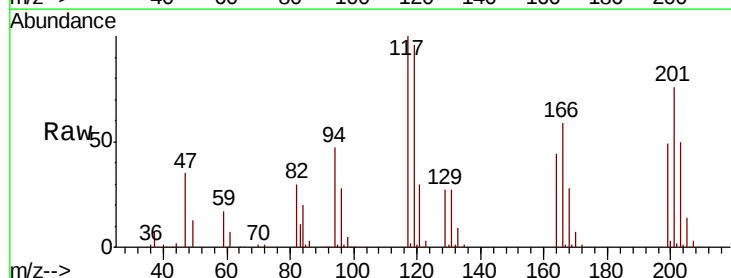
Acq: 27 Nov 2018 17:41

Tgt Ion: 117 Resp: 91771

Ion Ratio Lower Upper

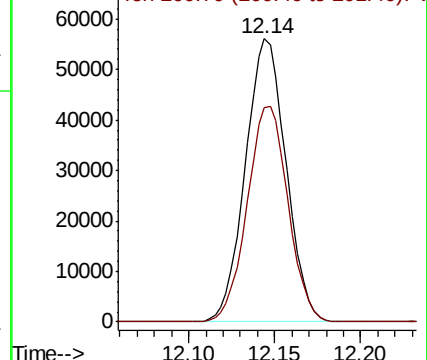
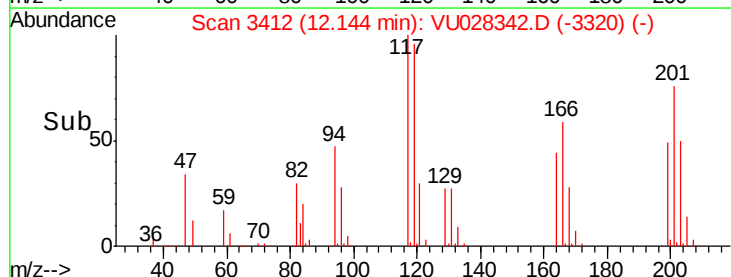
117 100

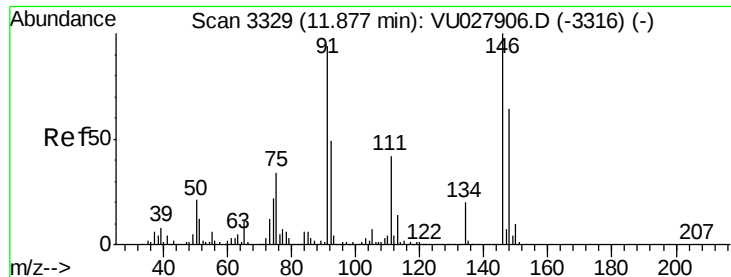
201 76.4 38.5 115.5



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: 56.862 ug/l

RT: 11.88 min Scan# 3329

Delta R.T. 0.00 min

Lab File: VU028342.D

Acq: 27 Nov 2018 17:41

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050

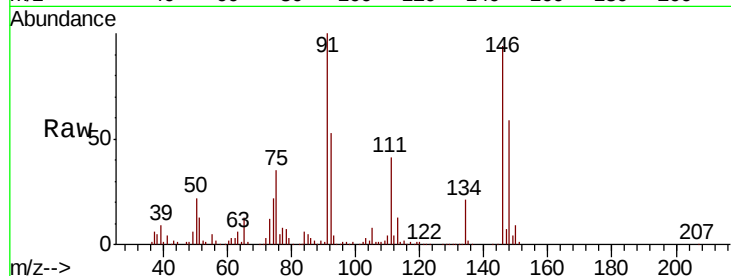
Tot Ion:146 Resp: 297190

Ion Ratio Lower Upper

146 100

111 43.8 21.3 64.0

148 63.4 31.8 95.3

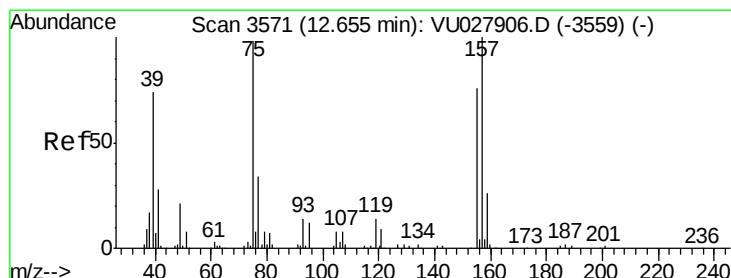
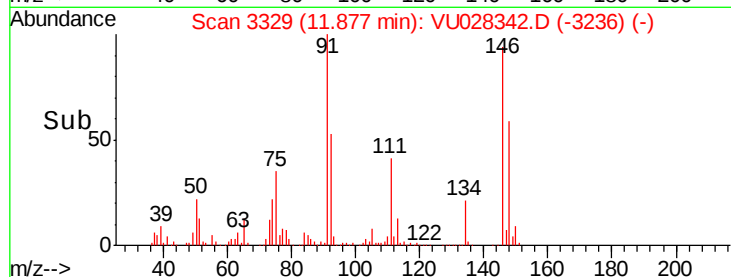
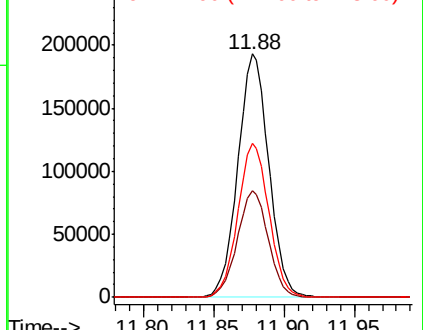


Abundance

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: 61.087 ug/l

RT: 12.66 min Scan# 3571

Delta R.T. 0.00 min

Lab File: VU028342.D

Acq: 27 Nov 2018 17:41

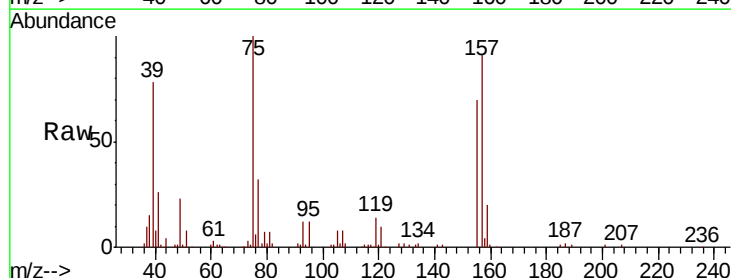
Tgt Ion: 75 Resp: 63706

Ion Ratio Lower Upper

75 100

155 73.6 39.8 119.3

157 94.0 50.6 151.9

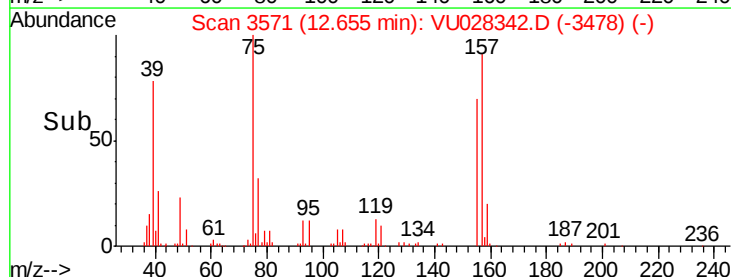
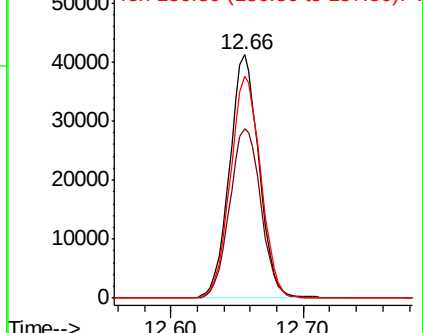


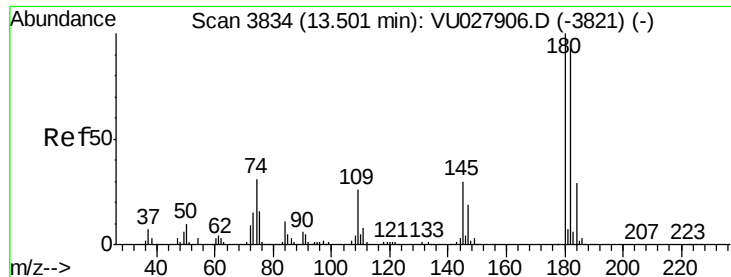
Abundance

Ion 74.90 (74.60 to 75.60): VU0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

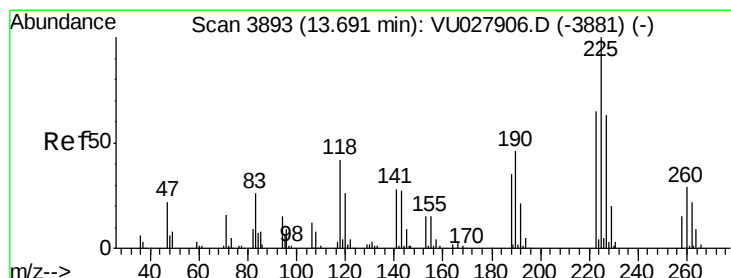
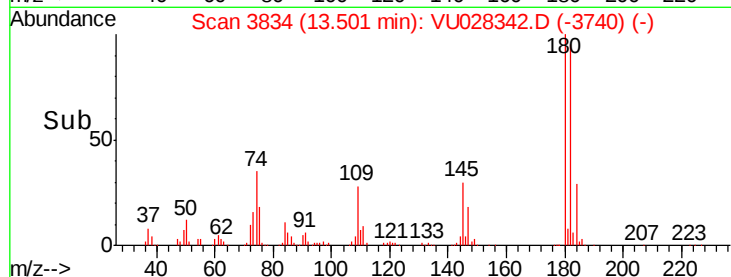
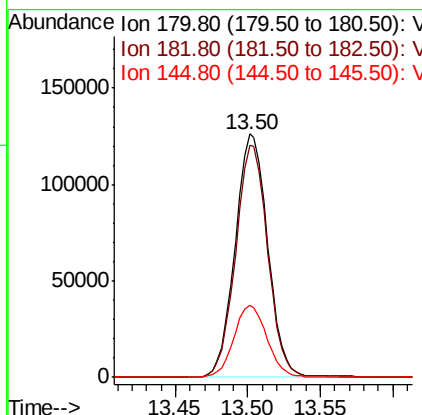
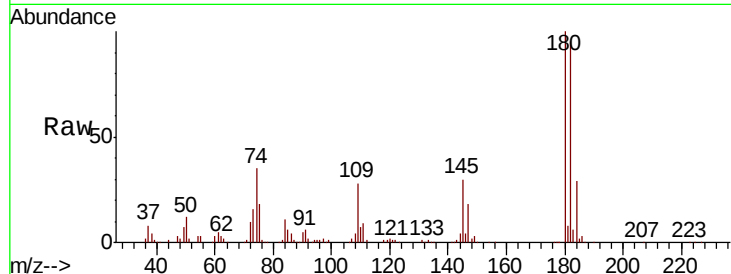




#93
 1,2,4-Trichlorobenzene
 Concen: 53.688 ug/l
 RT: 13.50 min Scan# 3834
 Delta R.T. 0.00 min
 Lab File: VU028342.D
 Acq: 27 Nov 2018 17:41

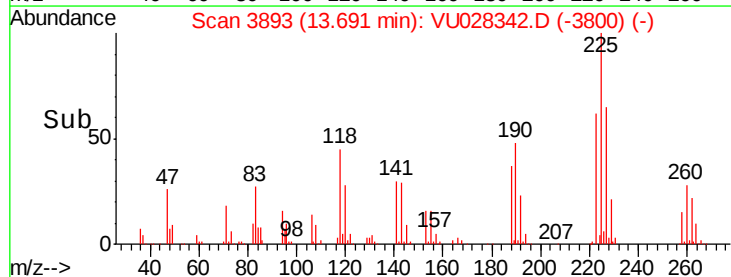
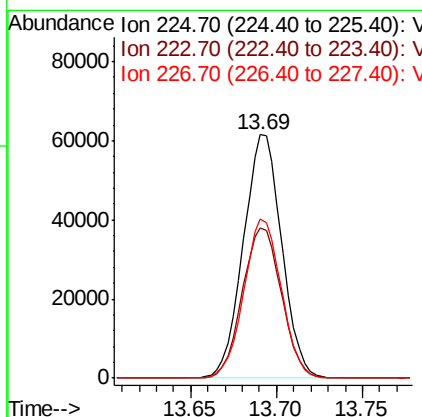
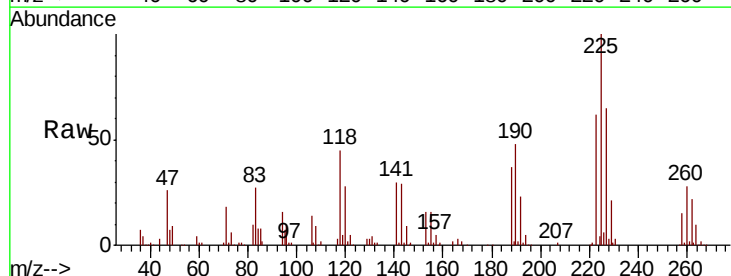
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050

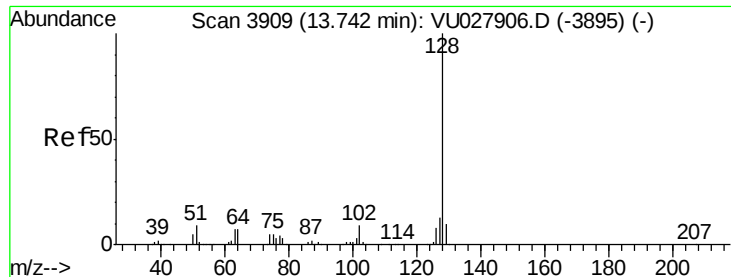
Tot Ion	Ratio	Lower	Upper
180	100		
182	93.9	48.4	145.2
145	30.0	14.9	44.5



#94
 Hexachlorobutadiene
 Concen: 57.388 ug/l
 RT: 13.69 min Scan# 3893
 Delta R.T. 0.00 min
 Lab File: VU028342.D
 Acq: 27 Nov 2018 17:41

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.9	32.2	96.6
227	63.8	32.5	97.4

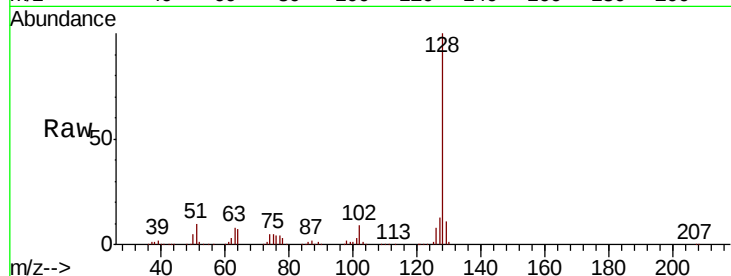




#95
Naphthalene
Concen: 53.228 ug/l
RT: 13.74 min Scan# 3909
Delta R.T. 0.00 min
Lab File: VU028342.D
Acq: 27 Nov 2018 17:41

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.1	10.4	15.6
129	10.5	8.3	12.5

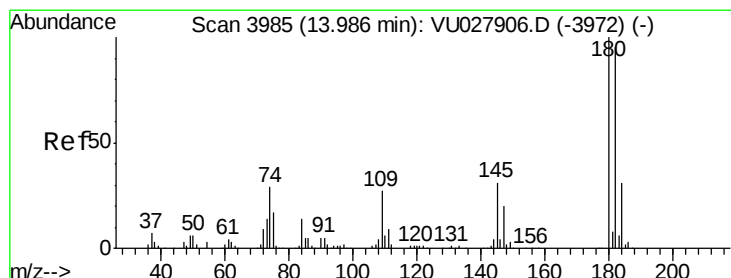
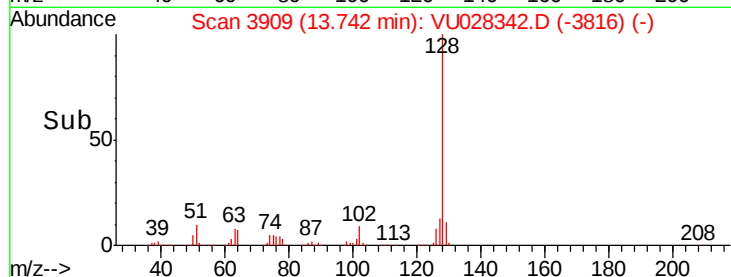
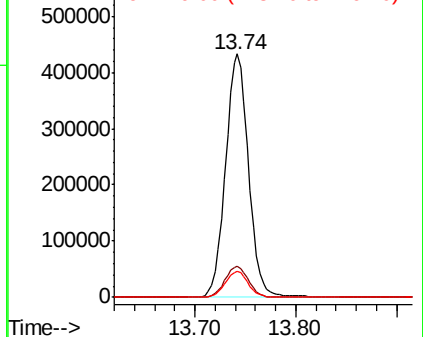


Abundance

Ion 128.00 (127.70 to 128.70): V

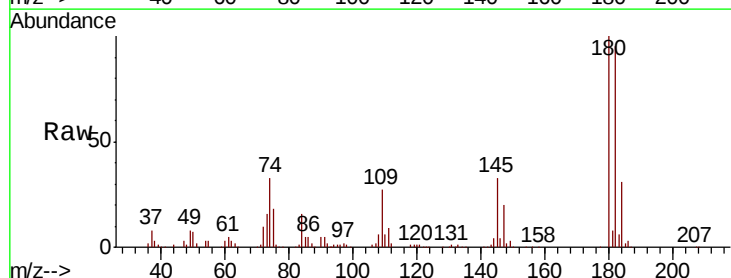
Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96
1,2,3-Trichlorobenzene
Concen: 57.569 ug/l
RT: 13.99 min Scan# 3985
Delta R.T. 0.00 min
Lab File: VU028342.D
Acq: 27 Nov 2018 17:41

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.7	47.4	142.3
145	32.2	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

