

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU092618\
 Data File : VU027214.D
 Acq On : 27 Sep 2018 06:13
 Operator : MD/SY
 Sample : VSTDCCC050EC
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 55 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Sep 27 08:10:03 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U092218W.M
 Quant Title : SW846 8260
 QLast Update : Sat Sep 22 01:31:57 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.98	168	83894	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	146457	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	141238	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.49	152	76640	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.31	65	84070	49.79	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.58%	
35) Dibromofluoromethane	4.88	113	60740	47.85	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.70%	
50) Toluene-d8	7.57	98	228969	47.33	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.66%	
62) 4-Bromofluorobenzene	10.31	95	84497	50.90	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.80%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.21	85	42968	39.228	ug/l	97
3) Chloromethane	1.33	50	67956	35.984	ug/l	99
4) Vinyl Chloride	1.40	62	71875	40.773	ug/l	99
5) Bromomethane	1.61	94	21910	21.826	ug/l	98
6) Chloroethane	1.69	64	48746	43.278	ug/l	99
7) Trichlorofluoromethane	1.88	101	84039	41.974	ug/l	100
8) Diethyl Ether	2.10	74	43568	45.209	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	2.29	101	49008	39.810	ug/l	97
10) Methyl Iodide	2.41	142	14362	9.407	ug/l	97
11) Tert butyl alcohol	2.83	59	118048	305.020	ug/l	99
12) 1,1-Dichloroethene	2.28	96	46809	40.398	ug/l	96
13) Acrolein	2.19	56	36754	176.170	ug/l	99
14) Allyl chloride	2.59	41	113406	48.255	ug/l	97
15) Acrylonitrile	2.94	53	263013	269.637	ug/l	99
16) Acetone	2.32	43	238593	267.152	ug/l	100
17) Carbon Disulfide	2.48	76	149490	39.604	ug/l	100
18) Methyl Acetate	2.61	43	137733	57.310	ug/l	99
19) Methyl tert-butyl Ether	3.00	73	225752	53.019	ug/l	99
20) Methylene Chloride	2.70	84	67613	44.712	ug/l	98
21) trans-1,2-Dichloroethene	2.98	96	56654	45.795	ug/l	99
22) Diisopropyl ether	3.57	45	270725	53.857	ug/l	98
23) Vinyl Acetate	3.52	43	1146340	267.532	ug/l	99
24) 1,1-Dichloroethane	3.45	63	136079	49.152	ug/l	100
25) 2-Butanone	4.26	43	385943	271.983	ug/l	100
26) 2,2-Dichloropropane	4.23	77	57107	26.449	ug/l	95
27) cis-1,2-Dichloroethene	4.22	96	71126	50.910	ug/l	96
28) Bromochloromethane	4.55	49	72036	53.978	ug/l	98
29) Tetrahydrofuran	4.64	42	246436	287.088	ug/l	98
30) Chloroform	4.68	83	123690	48.131	ug/l	97
31) Cyclohexane	5.00	56	114461	45.429	ug/l	96
32) 1,1,1-Trichloroethane	4.92	97	100685	49.071	ug/l	98
36) 1,1-Dichloropropene	5.14	75	88594	45.325	ug/l	98
37) Ethyl Acetate	4.38	43	135357	51.154	ug/l	100
38) Carbon Tetrachloride	5.13	117	84989	45.691	ug/l	97

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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	6.42	83	95873	45.135	ug/l	98
40) Benzene	5.39	78	272608	45.878	ug/l	98
41) Methacrylonitrile	4.54	41	76983	56.019	ug/l	98
42) 1,2-Dichloroethane	5.40	62	105173	46.848	ug/l	100
43) Isopropyl Acetate	5.55	43	208619	54.061	ug/l	99
44) Trichloroethene	6.19	130	60095	47.506	ug/l	100
45) 1,2-Dichloropropane	6.43	63	81149	47.929	ug/l	96
46) Dibromomethane	6.56	93	47976	46.918	ug/l	99
47) Bromodichloromethane	6.76	83	99250	48.002	ug/l	98
48) Methyl methacrylate	6.62	41	103926	49.491	ug/l	99
49) 1,4-Dioxane	6.61	88	39578	948.747	ug/l	100
51) 4-Methyl-2-Pentanone	7.46	43	725374	279.487	ug/l	100
52) Toluene	7.64	92	164703	48.357	ug/l	98
53) t-1,3-Dichloropropene	7.88	75	105932	47.685	ug/l	99
54) cis-1,3-Dichloropropene	7.27	75	113676	46.539	ug/l	98
55) 1,1,2-Trichloroethane	8.07	97	70501	48.850	ug/l	99
56) Ethyl methacrylate	8.02	69	121146	48.450	ug/l	98
57) 1,3-Dichloropropane	8.24	76	130870	48.755	ug/l	100
58) 2-Chloroethyl Vinyl ether	7.13	63	348797	245.526	ug/l	100
59) 2-Hexanone	8.36	43	561560	276.411	ug/l	99
60) Dibromochloromethane	8.48	129	71652	50.615	ug/l	98
61) 1,2-Dibromoethane	8.59	107	73296	48.812	ug/l	98
64) Tetrachloroethene	8.23	164	52133	47.901	ug/l	98
65) Chlorobenzene	9.12	112	173989	46.460	ug/l	99
66) 1,1,1,2-Tetrachloroethane	9.21	131	63847	49.498	ug/l	99
67) Ethyl Benzene	9.25	91	312460	50.739	ug/l	99
68) m/p-Xylenes	9.38	106	229755	92.243	ug/l	99
69) o-Xylene	9.78	106	114242	52.359	ug/l	100
70) Styrene	9.79	104	191003	46.996	ug/l	99
71) Bromoform	9.96	173	53090	53.224	ug/l #	99
73) Isopropylbenzene	10.17	105	304590	52.246	ug/l	100
74) N-amyl acetate	10.01	43	194236	57.558	ug/l	98
75) 1,1,2,2-Tetrachloroethane	10.46	83	124863	46.583	ug/l	100
76) 1,2,3-Trichloropropane	10.49	75	141231	60.658	ug/l	83
77) Bromobenzene	10.45	156	70472	49.466	ug/l	97
78) n-propylbenzene	10.59	91	362938	52.614	ug/l	100
79) 2-Chlorotoluene	10.66	91	217384	50.170	ug/l	100
80) 1,3,5-Trimethylbenzene	10.77	105	252204	52.406	ug/l	99
81) trans-1,4-Dichloro-2-buten	10.49	75	141231	194.117	ug/l #	100
82) 4-Chlorotoluene	10.77	91	250765	51.614	ug/l	99
83) tert-Butylbenzene	11.10	119	243365	51.150	ug/l	99
84) 1,2,4-Trimethylbenzene	11.15	105	257440	52.565	ug/l	99
85) sec-Butylbenzene	11.32	105	305174	52.544	ug/l	100
86) p-Isopropyltoluene	11.48	119	259460	47.654	ug/l	99
87) 1,3-Dichlorobenzene	11.42	146	128783	48.577	ug/l	99
88) 1,4-Dichlorobenzene	11.51	146	132198	45.753	ug/l	100
89) n-Butylbenzene	11.89	91	236284	44.978	ug/l	100
90) Hexachloroethane	12.15	117	48184	45.622	ug/l	99
91) 1,2-Dichlorobenzene	11.88	146	130667	46.400	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.66	75	29241	53.475	ug/l	99

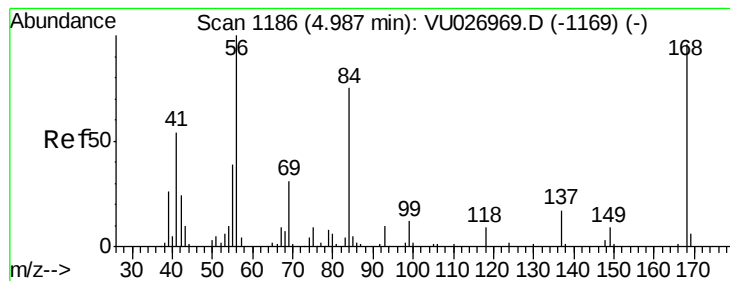
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_U\DATA\VU092618\
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.50	180	85434	52.645	ug/l	99
94) Hexachlorobutadiene	13.69	225	40591	47.272	ug/l	99
95) Naphthalene	13.74	128	310463	48.966	ug/l	99
96) 1,2,3-Trichlorobenzene	13.99	180	89885	51.649	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.98 min Scan# 1185

Delta R.T. -0.00 min

Lab File: VU027214.D

Acq: 27 Sep 2018 06:13

Instrument :

MSVOA_U

ClientSampleId :

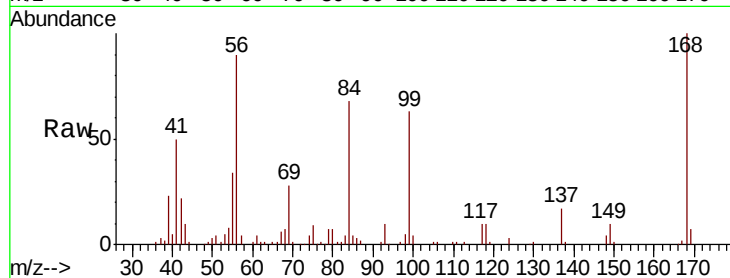
VSTDCCC050EC

Tgt Ion:168 Resp: 83894

Ion Ratio Lower Upper

168 100

99 61.7 48.1 72.1



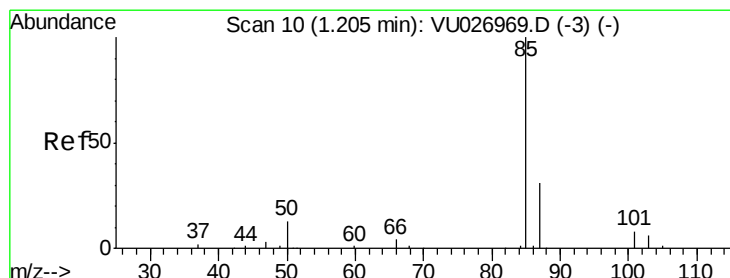
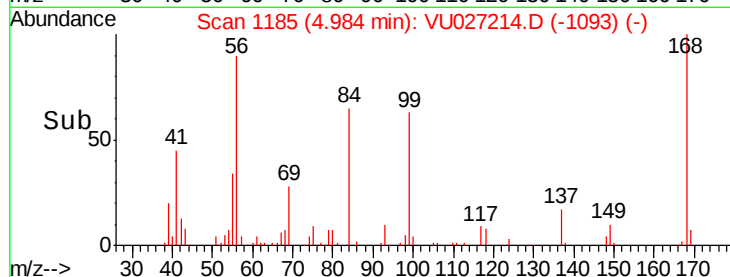
Abundance Ion 167.90 (167.60 to 168.60): VU026969.D (-1169) (-)

Ion 98.90 (98.60 to 99.60): VU026969.D (-1169) (-)

4.98

4.90 4.95 5.00 5.05

Time-->



#2

Dichlorodifluoromethane

Concen: 39.228 ug/l

RT: 1.21 min Scan# 10

Delta R.T. 0.00 min

Lab File: VU027214.D

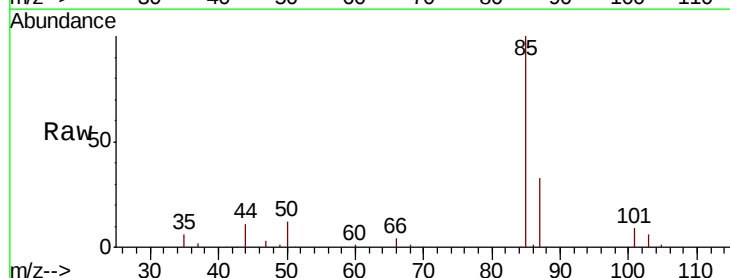
Acq: 27 Sep 2018 06:13

Tgt Ion: 85 Resp: 42968

Ion Ratio Lower Upper

85 100

87 32.6 15.6 46.7



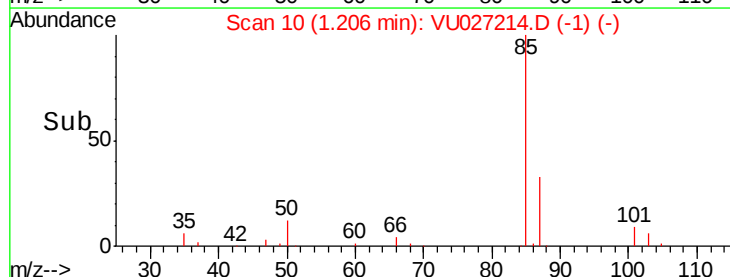
Abundance Ion 84.90 (84.60 to 85.60): VU026969.D (-3) (-)

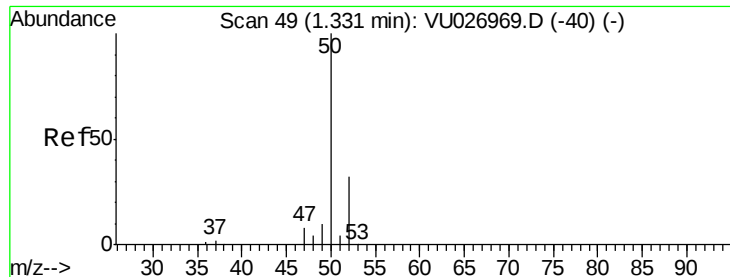
Ion 86.90 (86.60 to 87.60): VU026969.D (-3) (-)

1.21

1.15 1.20 1.25

Time-->





#3

Chloromethane

Concen: 35.984 ug/l

RT: 1.33 min Scan# 48

Delta R.T. -0.00 min

Lab File: VU027214.D

Acq: 27 Sep 2018 06:13

Instrument :

MSVOA_U

ClientSampleId :

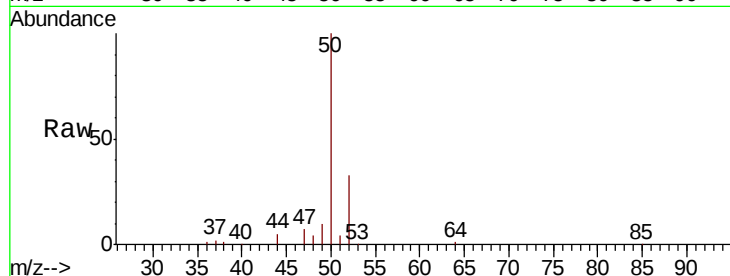
VSTDCCC050EC

Tgt Ion: 50 Resp: 67956

Ion Ratio Lower Upper

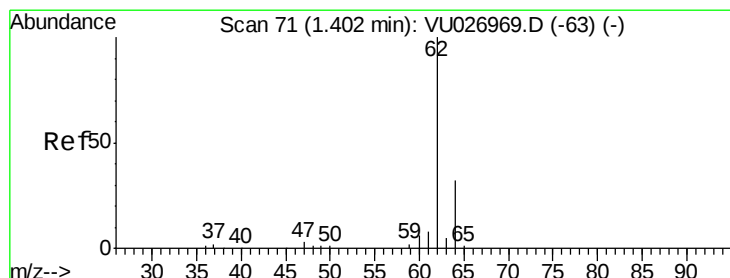
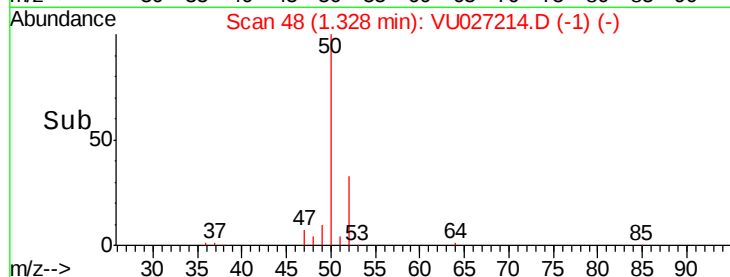
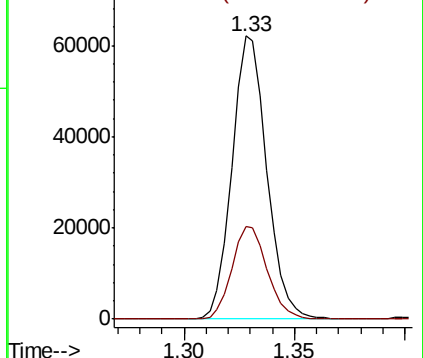
50 100

52 32.9 25.9 38.9



Abundance Ion 49.90 (49.60 to 50.60): VU0

Ion 51.90 (51.60 to 52.60): VU0



#4

Vinyl Chloride

Concen: 40.773 ug/l

RT: 1.40 min Scan# 71

Delta R.T. 0.00 min

Lab File: VU027214.D

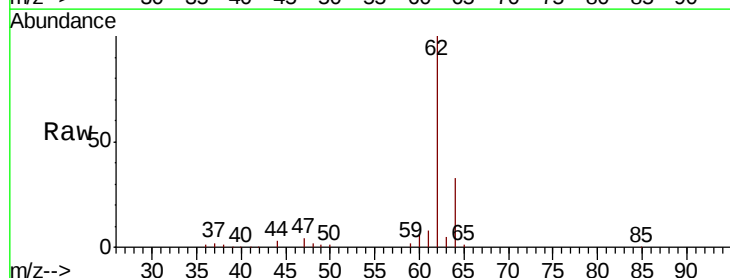
Acq: 27 Sep 2018 06:13

Tgt Ion: 62 Resp: 71875

Ion Ratio Lower Upper

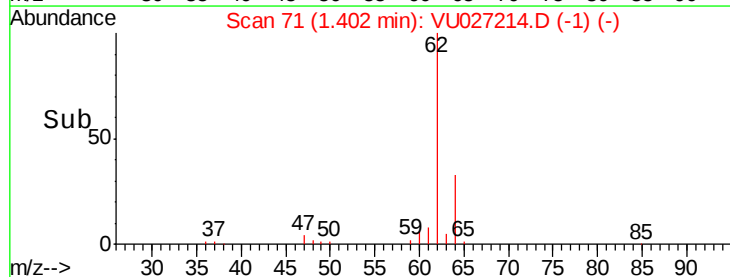
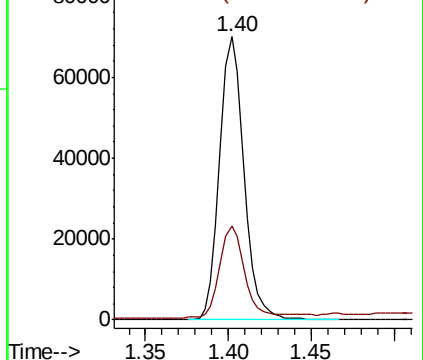
62 100

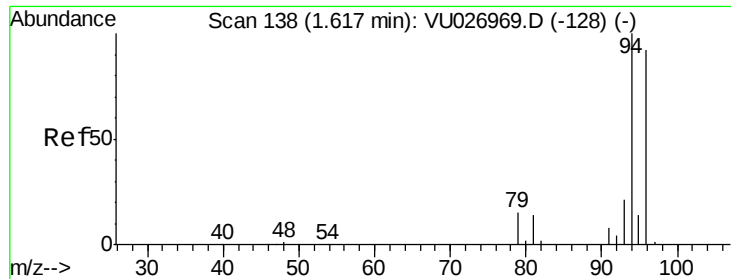
64 32.5 25.5 38.3



Abundance Ion 61.90 (61.60 to 62.60): VU0

Ion 63.90 (63.60 to 64.60): VU0





#5

Bromomethane

Concen: 21.826 ug/l

RT: 1.61 min Scan# 137

Delta R.T. -0.00 min

Lab File: VU027214.D

Acq: 27 Sep 2018 06:13

Instrument :

MSVOA_U

ClientSampleId :

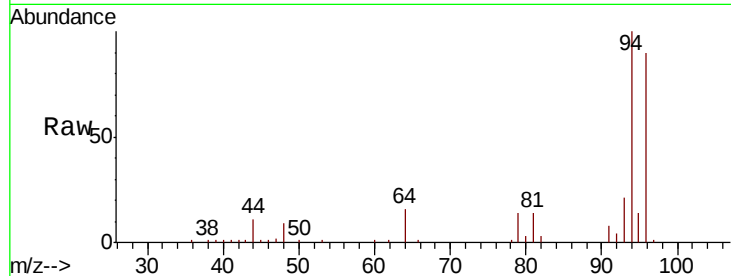
VSTDCCC050EC

Tgt Ion: 94 Resp: 21910

Ion Ratio Lower Upper

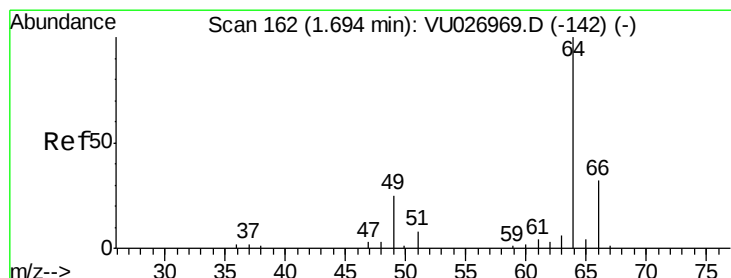
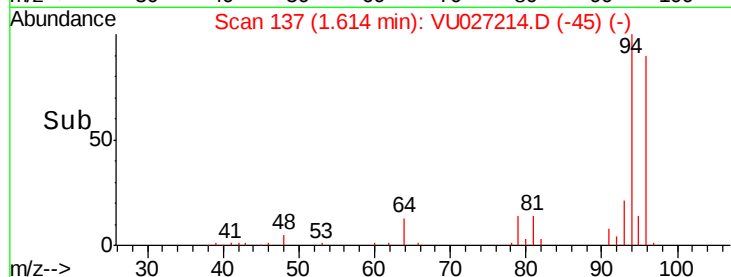
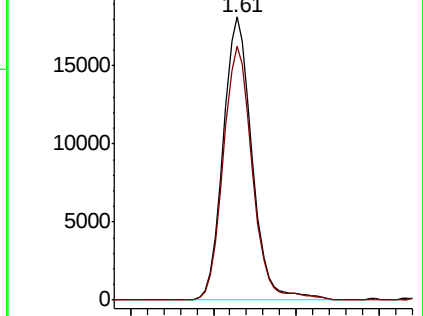
94 100

96 89.6 73.2 109.8



Abundance Ion 93.90 (93.60 to 94.60): VU0

Ion 95.90 (95.60 to 96.60): VU0



#6

Chloroethane

Concen: 43.278 ug/l

RT: 1.69 min Scan# 161

Delta R.T. -0.00 min

Lab File: VU027214.D

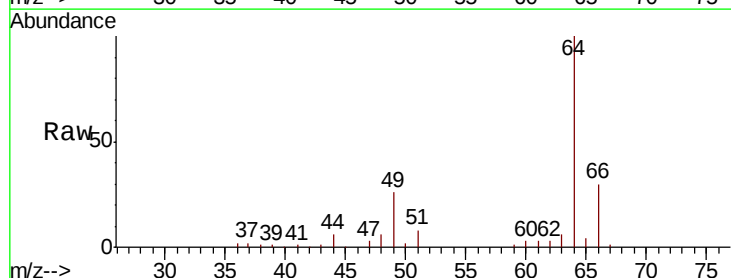
Acq: 27 Sep 2018 06:13

Tgt Ion: 64 Resp: 48746

Ion Ratio Lower Upper

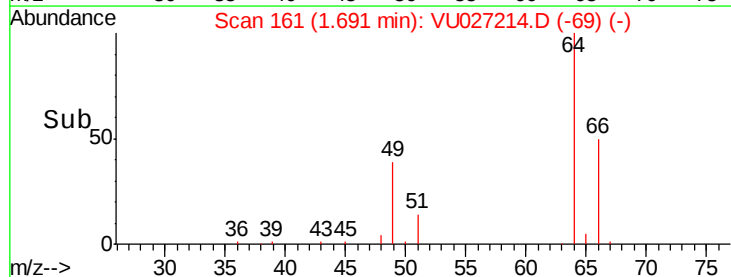
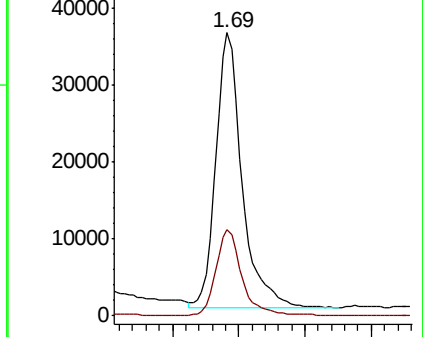
64 100

66 31.0 25.3 37.9



Abundance Ion 63.90 (63.60 to 64.60): VU0

Ion 65.90 (65.60 to 66.60): VU0



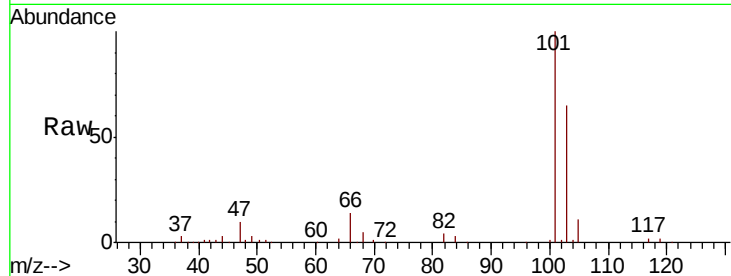


#7

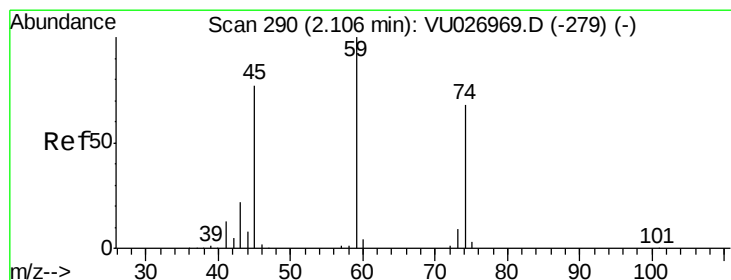
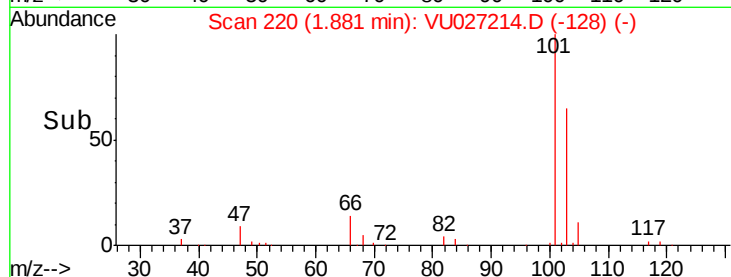
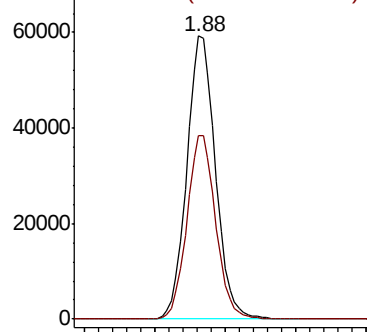
Trichlorofluoromethane
 Concen: 41.974 ug/l
 RT: 1.88 min Scan# 220
 Delta R.T. -0.00 min
 Lab File: VU027214.D
 Acq: 27 Sep 2018 06:13

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion: 101 Resp: 84039
 Ion Ratio Lower Upper
 101 100
 103 65.0 52.2 78.2



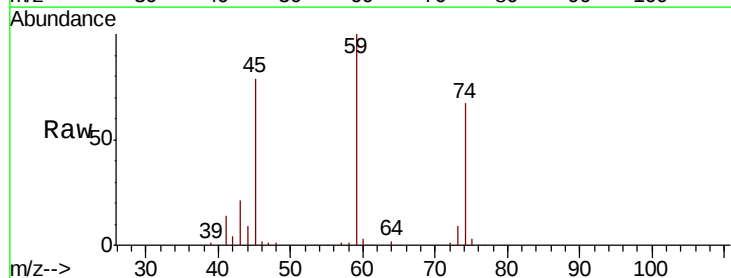
Abundance Ion 100.90 (100.60 to 101.60): V
 Ion 102.80 (102.50 to 103.50): V



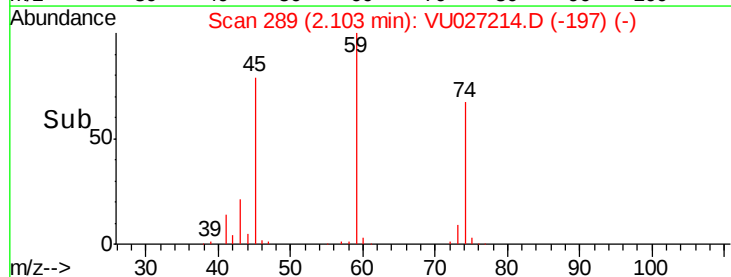
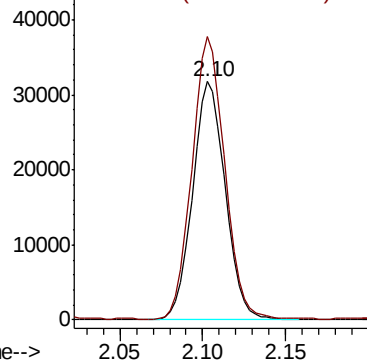
#8

Diethyl Ether
 Concen: 45.209 ug/l
 RT: 2.10 min Scan# 289
 Delta R.T. -0.00 min
 Lab File: VU027214.D
 Acq: 27 Sep 2018 06:13

Tgt Ion: 74 Resp: 43568
 Ion Ratio Lower Upper
 74 100
 45 118.2 56.9 170.7



Abundance Ion 74.00 (73.70 to 74.70): VU0
 Ion 45.00 (44.70 to 45.70): VU0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 39.810 ug/l

RT: 2.29 min Scan# 346

Delta R.T. 0.00 min

Lab File: VU027214.D

Acq: 27 Sep 2018 06:13

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050EC

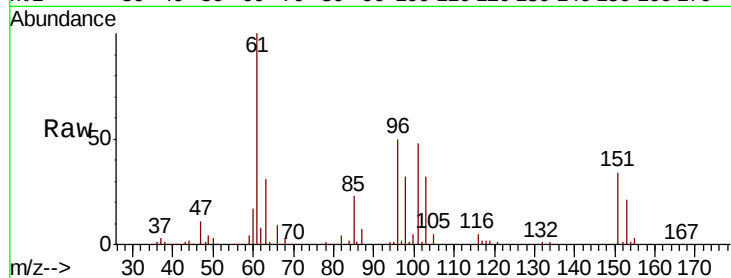
Tgt Ion:101 Resp: 49008

Ion Ratio Lower Upper

101 100

85 47.2 36.2 54.2

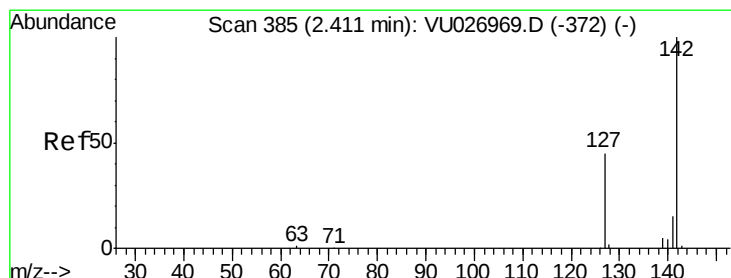
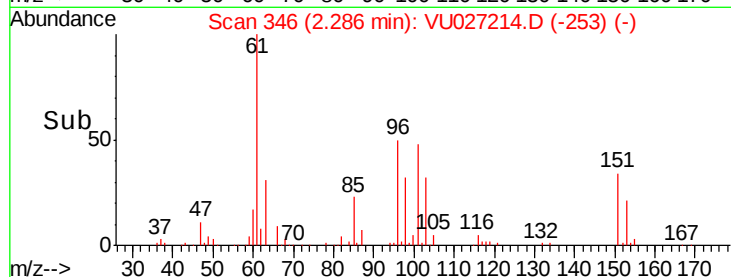
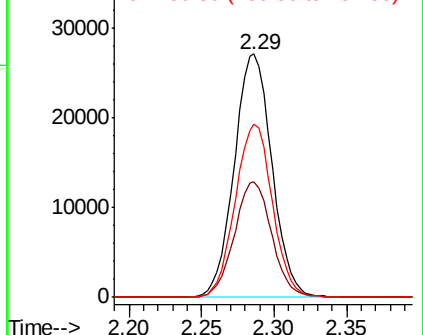
151 70.3 54.5 81.7



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VU0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 9.407 ug/l

RT: 2.41 min Scan# 384

Delta R.T. -0.00 min

Lab File: VU027214.D

Acq: 27 Sep 2018 06:13

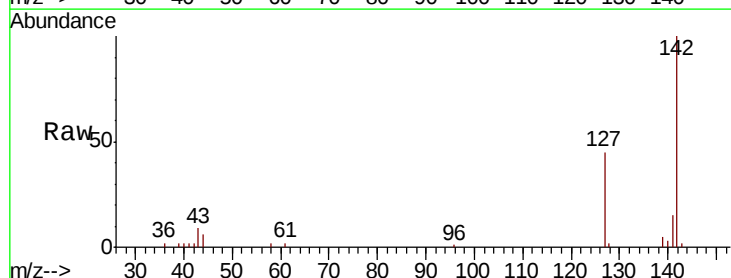
Tgt Ion:142 Resp: 14362

Ion Ratio Lower Upper

142 100

127 43.5 36.7 55.1

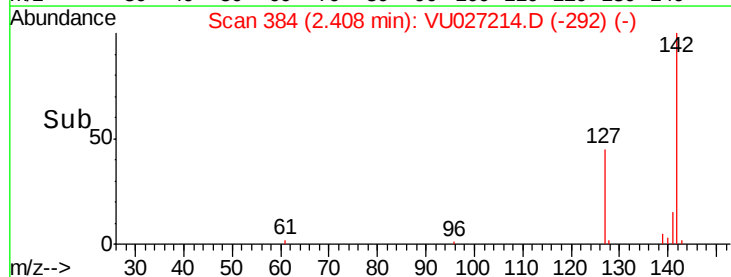
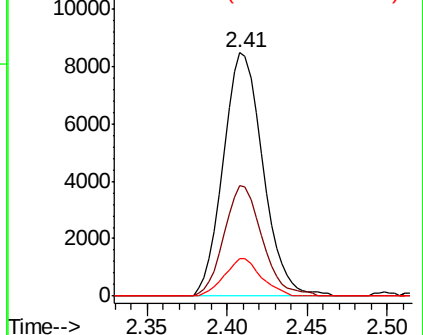
141 14.3 11.8 17.6

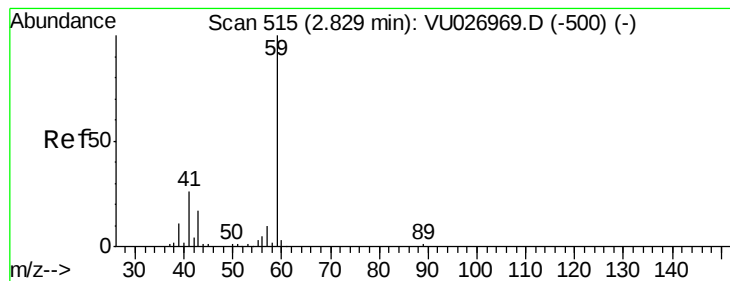


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V





#11

Tert butyl alcohol

Concen: 305.020 ug/l

RT: 2.83 min Scan# 514

Delta R.T. -0.00 min

Lab File: VU027214.D

Acq: 27 Sep 2018 06:13

Instrument :

MSVOA_U

ClientSampleId :

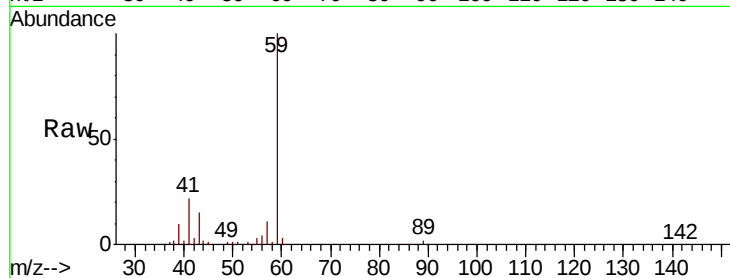
VSTDCCC050EC

Tgt Ion: 59 Resp: 118048

Ion Ratio Lower Upper

59 100

57 10.1 8.5 12.7



Abundance Ion 59.00 (58.70 to 59.70): VU0

Ion 57.00 (56.70 to 57.70): VU0

2.83

60000

50000

40000

30000

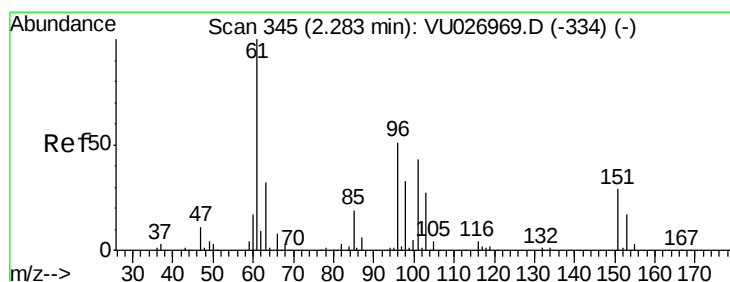
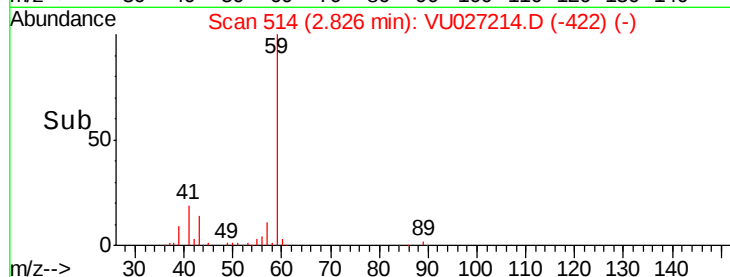
20000

10000

0

2.80 2.90

Time-->



#12

1,1-Dichloroethene

Concen: 40.398 ug/l

RT: 2.28 min Scan# 345

Delta R.T. 0.00 min

Lab File: VU027214.D

Acq: 27 Sep 2018 06:13

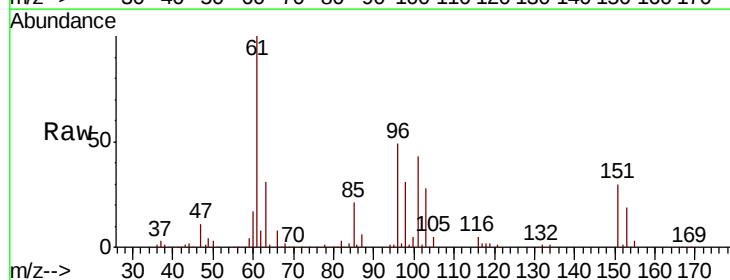
Tgt Ion: 96 Resp: 46809

Ion Ratio Lower Upper

96 100

61 203.4 156.1 234.1

98 64.0 51.4 77.0



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

80000

60000

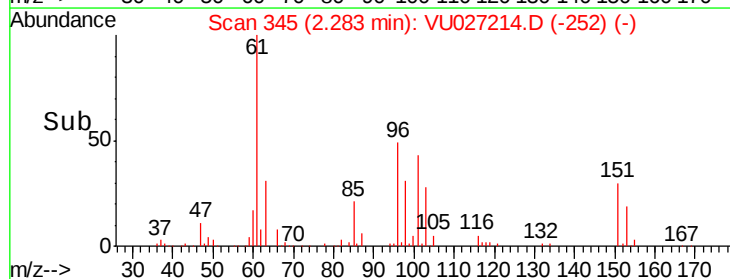
40000

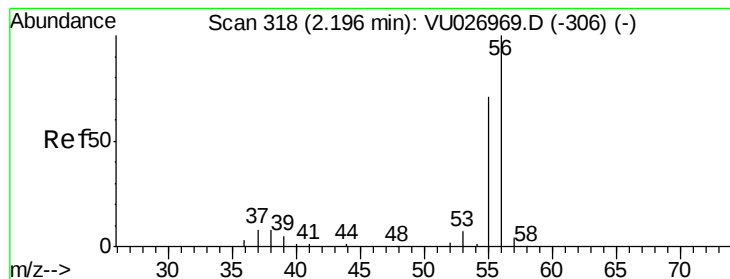
20000

0

2.20 2.25 2.30 2.35

Time-->





#13

Acrolein

Concen: 176.170 ug/l

RT: 2.19 min Scan# 317

Delta R.T. -0.00 min

Lab File: VU027214.D

Acq: 27 Sep 2018 06:13

Instrument :

MSVOA_U

ClientSampleId :

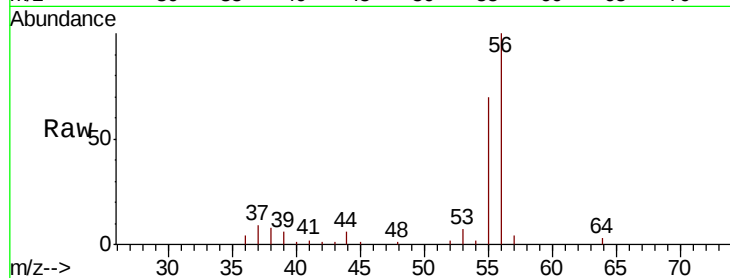
VSTDCCC050EC

Tgt Ion: 56 Resp: 36754

Ion Ratio Lower Upper

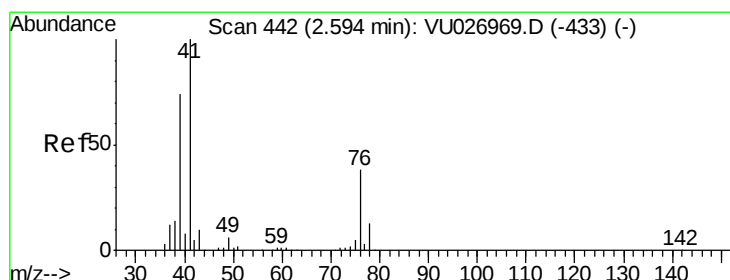
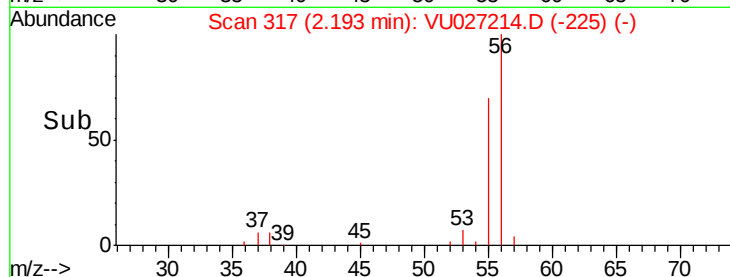
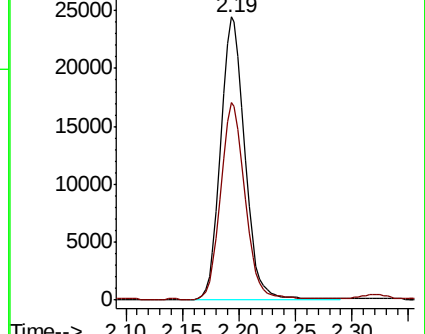
56 100

55 70.6 57.1 85.7



Abundance Ion 56.00 (55.70 to 56.70): VU0

Ion 55.00 (54.70 to 55.70): VU0



#14

Allyl chloride

Concen: 48.255 ug/l

RT: 2.59 min Scan# 441

Delta R.T. -0.00 min

Lab File: VU027214.D

Acq: 27 Sep 2018 06:13

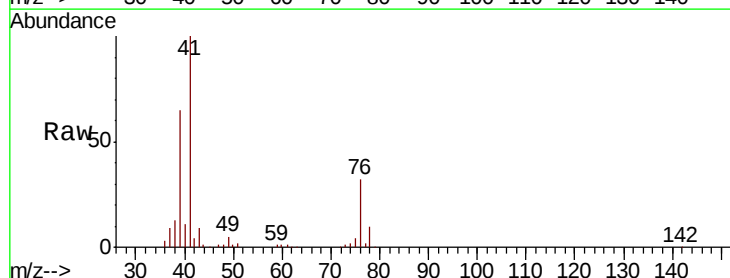
Tgt Ion: 41 Resp: 113406

Ion Ratio Lower Upper

41 100

39 66.9 55.7 83.5

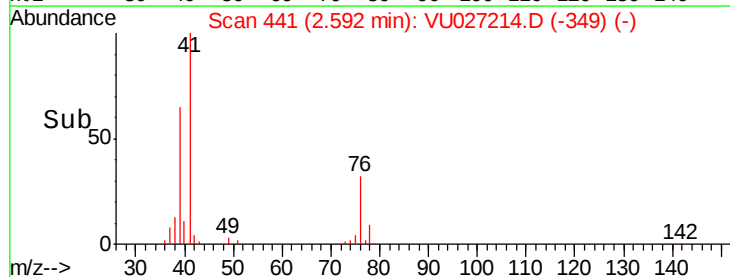
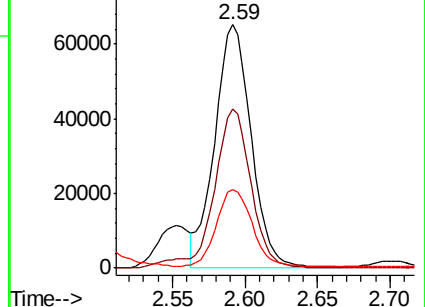
76 31.6 26.5 39.7

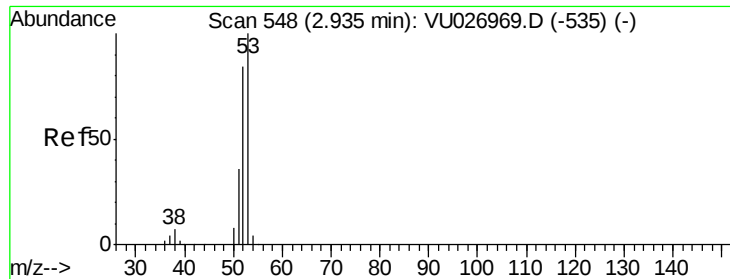


Abundance Ion 41.00 (40.70 to 41.70): VU0

Ion 39.00 (38.70 to 39.70): VU0

Ion 75.90 (75.60 to 76.60): VU0





#15

Acrylonitrile

Concen: 269.637 ug/l

RT: 2.94 min Scan# 548

Delta R.T. 0.00 min

Lab File: VU027214.D

Acq: 27 Sep 2018 06:13

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050EC

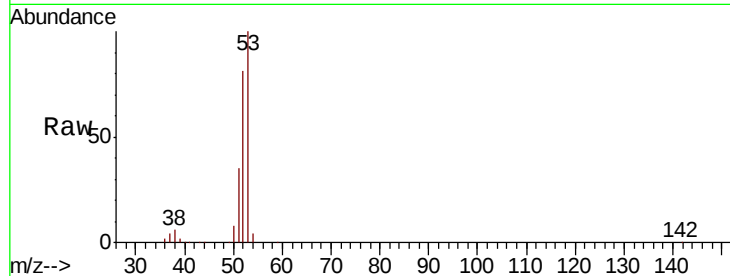
Tgt Ion: 53 Resp: 263013

Ion Ratio Lower Upper

53 100

52 81.5 65.7 98.5

51 35.5 27.4 41.2



Abundance Ion 53.00 (52.70 to 53.70): VU027214.D (-535) (-)

Ion 52.00 (51.70 to 52.70): VU027214.D (-535) (-)

Ion 51.00 (50.70 to 51.70): VU027214.D (-535) (-)

2.94

150000

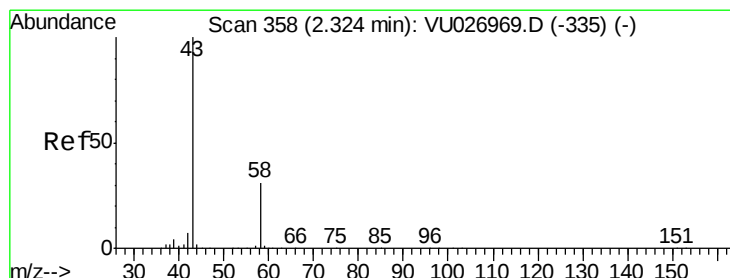
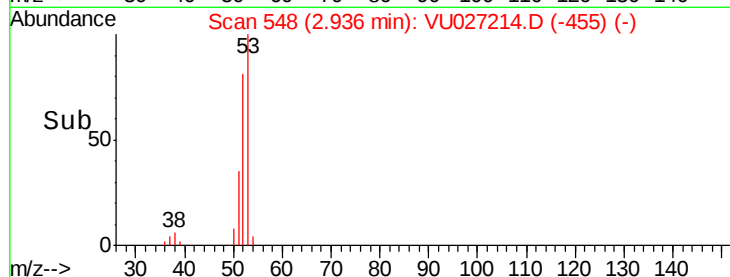
100000

50000

0

2.90 3.00 3.10

Time-->



#16

Acetone

Concen: 267.152 ug/l

RT: 2.32 min Scan# 357

Delta R.T. -0.00 min

Lab File: VU027214.D

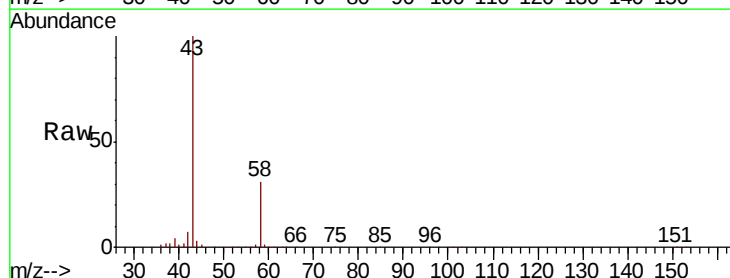
Acq: 27 Sep 2018 06:13

Tgt Ion: 43 Resp: 238593

Ion Ratio Lower Upper

43 100

58 30.9 24.6 36.8



Abundance Ion 43.00 (42.70 to 43.70): VU027214.D (-264) (-)

Ion 58.00 (57.70 to 58.70): VU027214.D (-264) (-)

2.32

150000

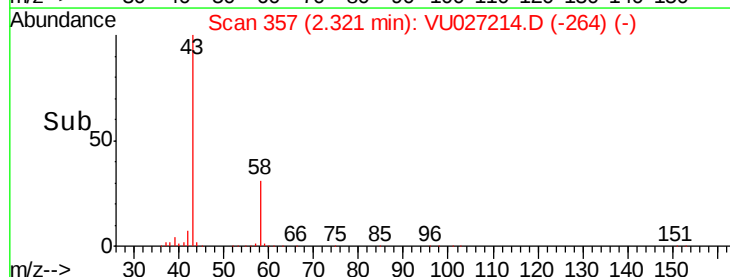
100000

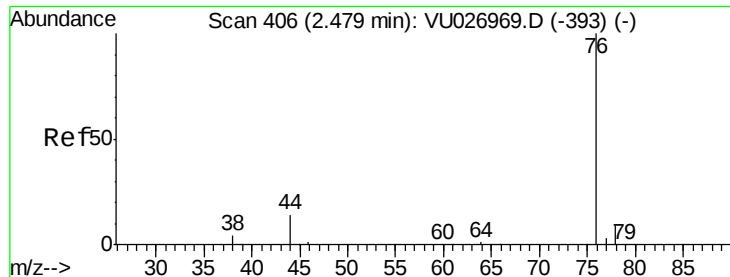
50000

0

2.20 2.30 2.40

Time-->





#17

Carbon Disulfide

Concen: 39.604 ug/l

RT: 2.48 min Scan# 405

Delta R.T. -0.00 min

Lab File: VU027214.D

Acq: 27 Sep 2018 06:13

Instrument :

MSVOA_U

ClientSampleId :

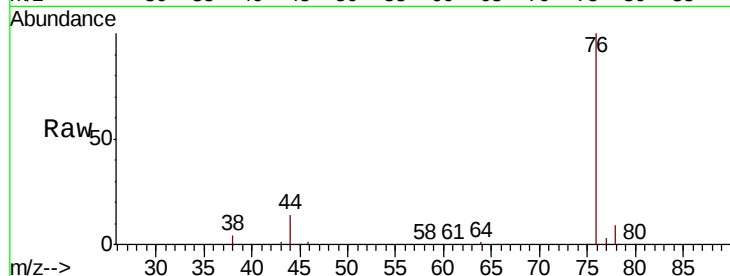
VSTDCCC050EC

Tgt Ion: 76 Resp: 149490

Ion Ratio Lower Upper

76 100

78 8.8 7.1 10.7



Abundance Ion 75.90 (75.60 to 76.60): VU0

Ion 77.90 (77.60 to 78.60): VU0

2.48

80000

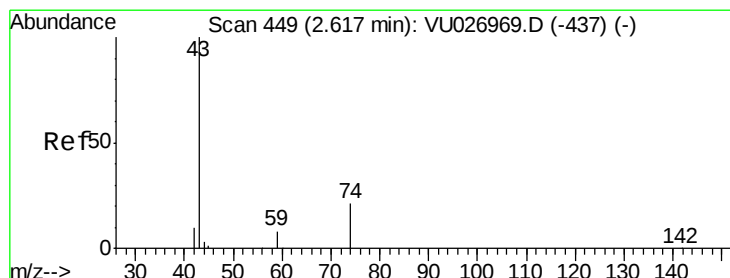
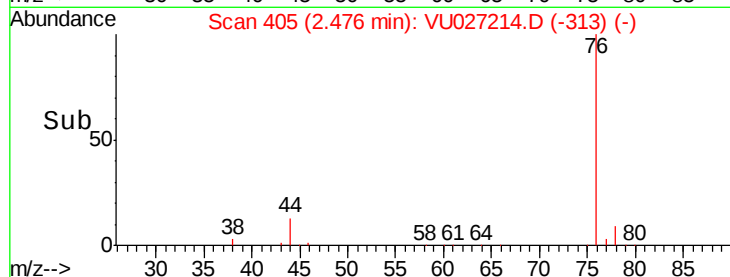
60000

40000

20000

0

Time-->



#18

Methyl Acetate

Concen: 57.310 ug/l

RT: 2.61 min Scan# 448

Delta R.T. -0.00 min

Lab File: VU027214.D

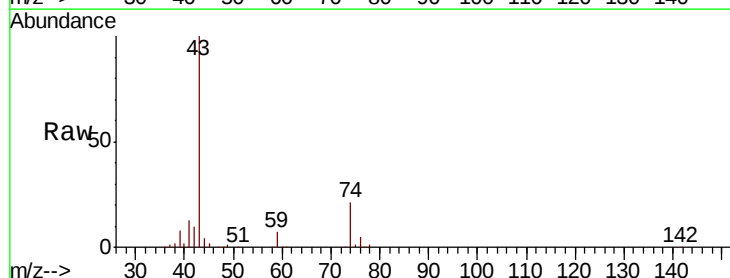
Acq: 27 Sep 2018 06:13

Tgt Ion: 43 Resp: 137733

Ion Ratio Lower Upper

43 100

74 21.1 16.6 25.0



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 74.00 (73.70 to 74.70): VU0

2.61

80000

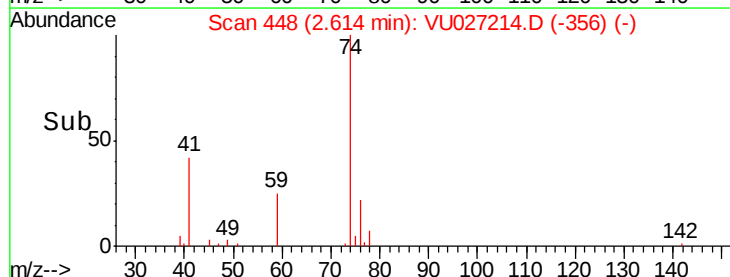
60000

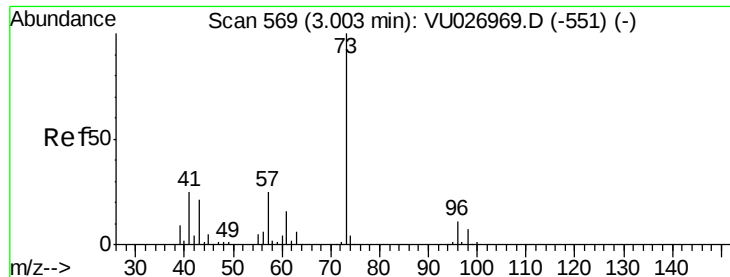
40000

20000

0

Time-->

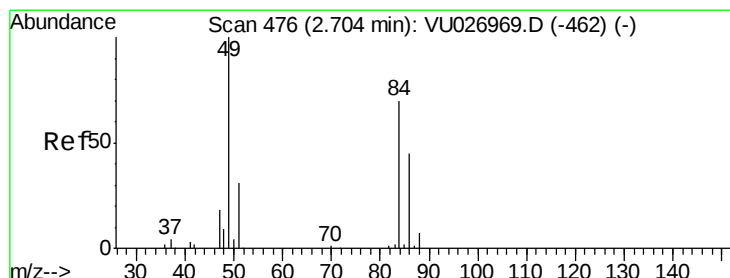
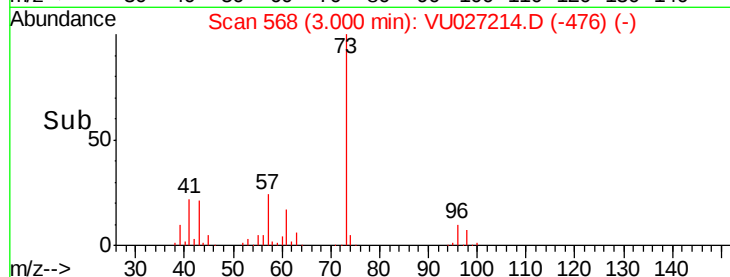
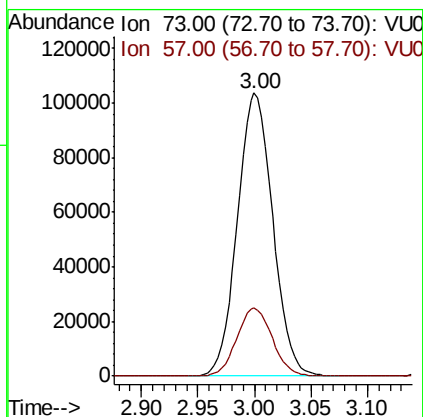
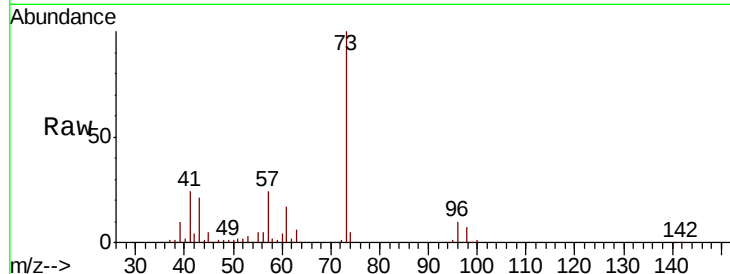




#19
Methyl tert-butyl Ether
Concen: 53.019 ug/l
RT: 3.00 min Scan# 568
Delta R.T. -0.00 min
Lab File: VU027214.D
Acq: 27 Sep 2018 06:13

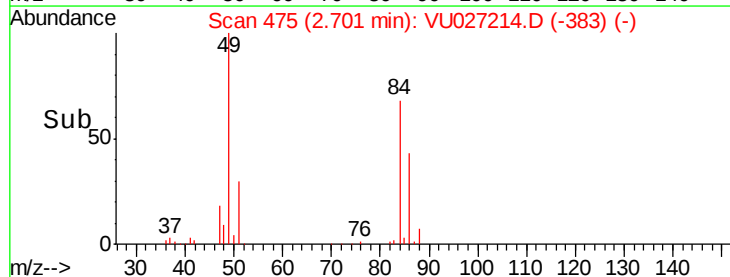
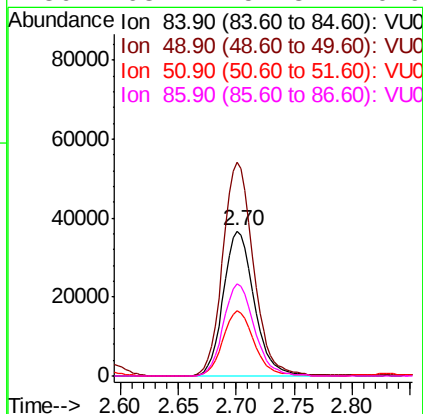
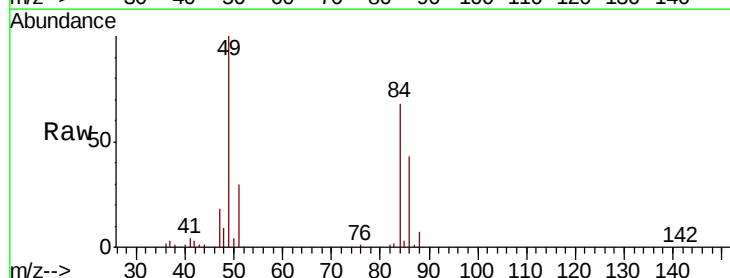
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

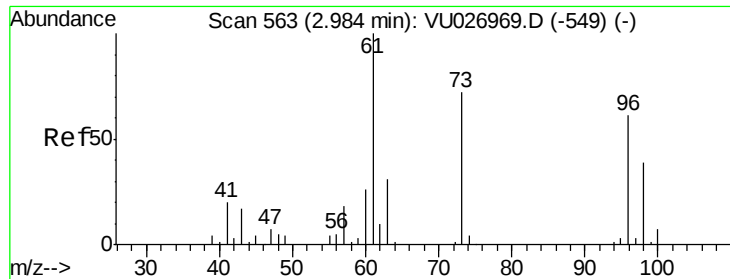
Tgt Ion: 73 Resp: 225752
Ion Ratio Lower Upper
73 100
57 24.1 19.8 29.6



#20
Methylene Chloride
Concen: 44.712 ug/l
RT: 2.70 min Scan# 475
Delta R.T. -0.00 min
Lab File: VU027214.D
Acq: 27 Sep 2018 06:13

Tgt Ion: 84 Resp: 67613
Ion Ratio Lower Upper
84 100
49 147.0 114.9 172.3
51 44.6 35.8 53.8
86 63.1 51.3 76.9





#21

trans-1,2-Dichloroethene

Concen: 45.795 ug/l

RT: 2.98 min Scan# 563

Delta R.T. 0.00 min

Lab File: VU027214.D

Acq: 27 Sep 2018 06:13

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050EC

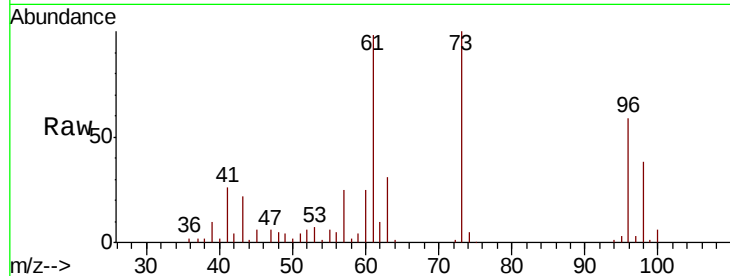
Tgt Ion: 96 Resp: 56654

Ion Ratio Lower Upper

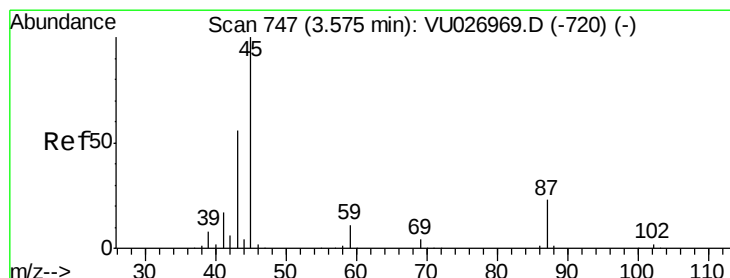
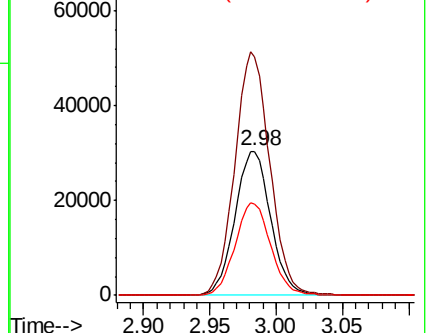
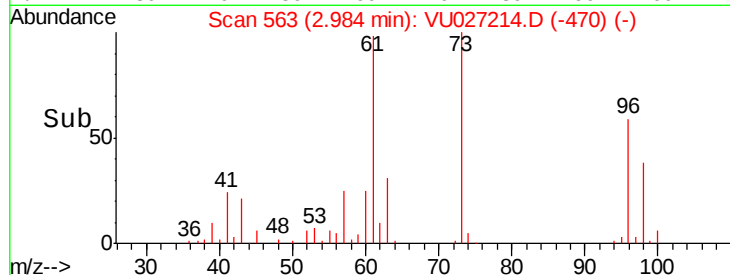
96 100

61 166.2 131.8 197.6

98 63.7 50.9 76.3



Abundance Ion 95.90 (95.60 to 96.60): VU027214.D (-470) (-)



#22

Diisopropyl ether

Concen: 53.857 ug/l

RT: 3.57 min Scan# 746

Delta R.T. -0.00 min

Lab File: VU027214.D

Acq: 27 Sep 2018 06:13

Tgt Ion: 45 Resp: 270725

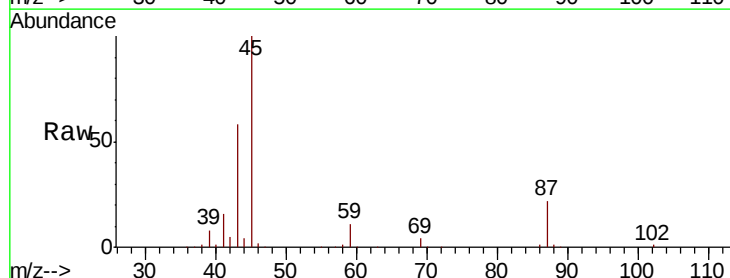
Ion Ratio Lower Upper

45 100

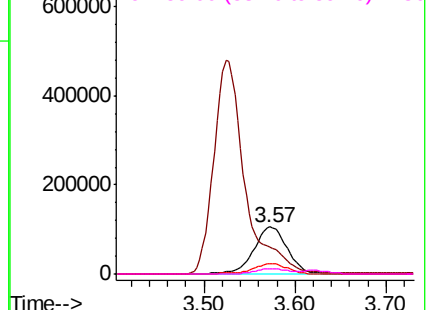
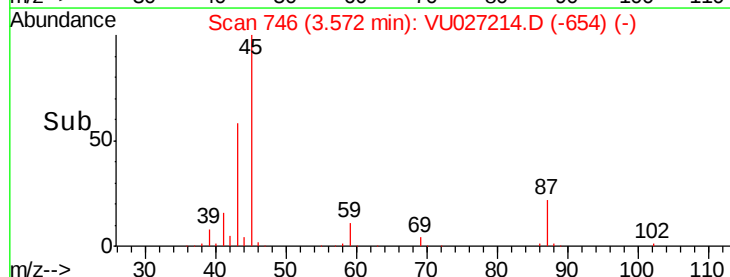
43 55.8 45.8 68.6

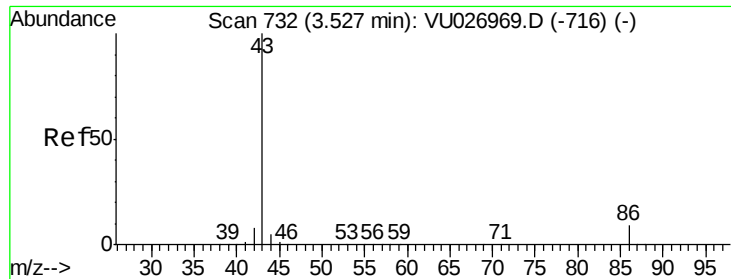
87 22.4 18.6 28.0

59 10.9 9.0 13.4



Abundance Ion 45.00 (44.70 to 45.70): VU027214.D (-654) (-)





#23

Vinyl Acetate

Concen: 267.532 ug/l

RT: 3.52 min Scan# 731

Delta R.T. -0.00 min

Lab File: VU027214.D

Acq: 27 Sep 2018 06:13

Instrument :

MSVOA_U

ClientSampleId :

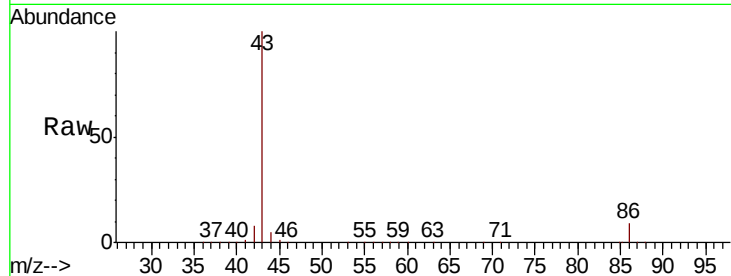
VSTDCCC050EC

Tgt Ion: 43 Resp: 1146340

Ion Ratio Lower Upper

43 100

86 8.7 7.2 10.8



Abundance Ion 43.00 (42.70 to 43.70): VU027214.D (-639) (-)

Ion 86.00 (85.70 to 86.70): VU027214.D (-639) (-)

3.52

500000

400000

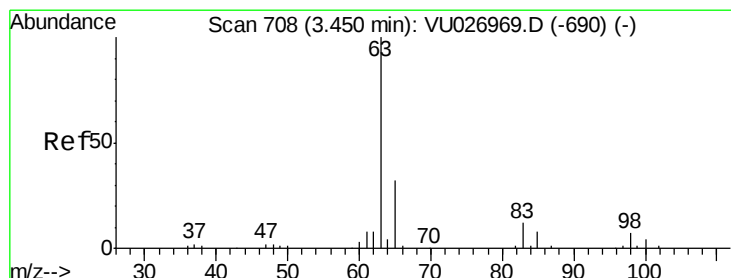
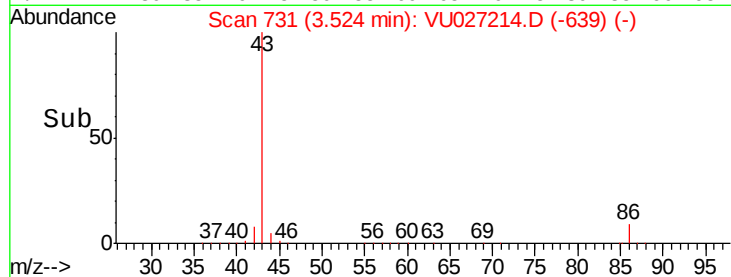
300000

200000

100000

0

Time-->



#24

1,1-Dichloroethane

Concen: 49.152 ug/l

RT: 3.45 min Scan# 707

Delta R.T. -0.00 min

Lab File: VU027214.D

Acq: 27 Sep 2018 06:13

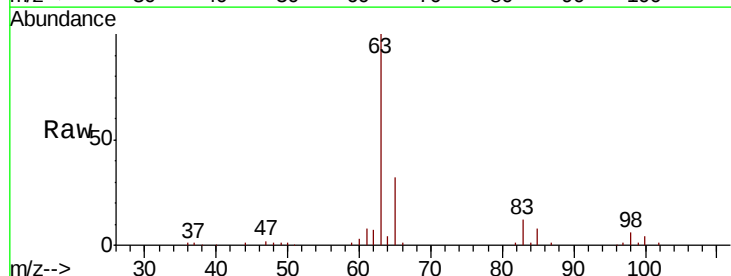
Tgt Ion: 63 Resp: 136079

Ion Ratio Lower Upper

63 100

98 6.4 3.3 9.8

100 4.2 2.0 5.8



Abundance Ion 62.90 (62.60 to 63.60): VU027214.D (-615) (-)

Ion 97.90 (97.60 to 98.60): VU027214.D (-615) (-)

Ion 99.90 (99.60 to 100.60): VU027214.D (-615) (-)

3.45

80000

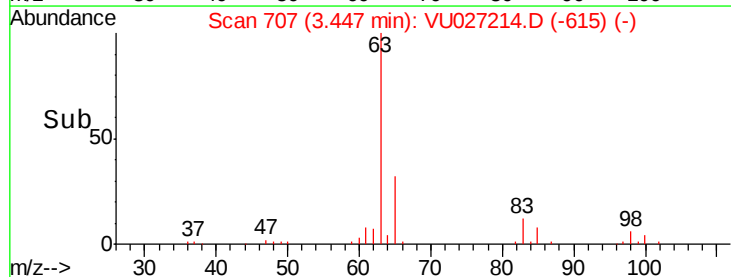
60000

40000

20000

0

Time-->





#25

2-Butanone

Concen: 271.983 ug/l

RT: 4.26 min Scan# 961

Delta R.T. 0.00 min

Lab File: VU027214.D

Acq: 27 Sep 2018 06:13

Instrument :

MSVOA_U

ClientSampleId :

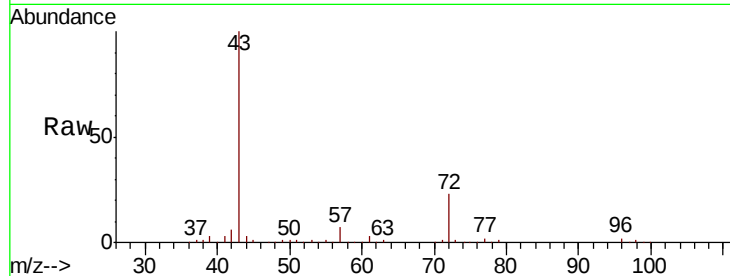
VSTDCCC050EC

Tgt Ion: 43 Resp: 385943

Ion Ratio Lower Upper

43 100

72 22.8 18.4 27.6



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 72.00 (71.70 to 72.70): VU0

4.26

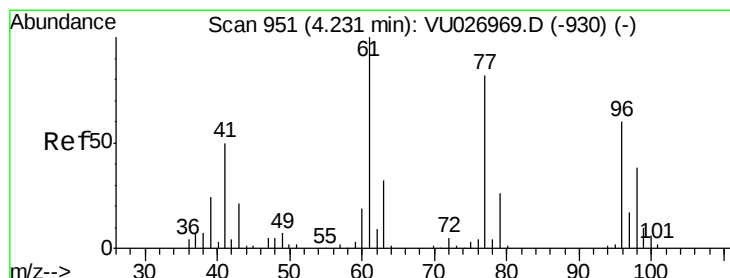
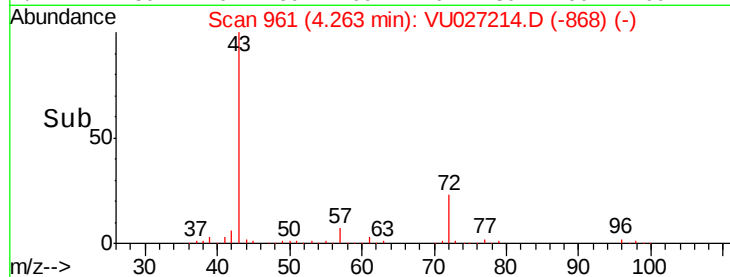
150000

100000

50000

0

Time--> 4.10 4.20 4.30



#26

2,2-Dichloropropane

Concen: 26.449 ug/l

RT: 4.23 min Scan# 950

Delta R.T. -0.00 min

Lab File: VU027214.D

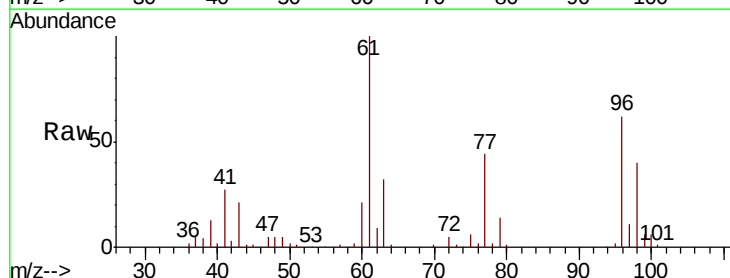
Acq: 27 Sep 2018 06:13

Tgt Ion: 77 Resp: 57107

Ion Ratio Lower Upper

77 100

97 23.2 10.5 31.5



Abundance Ion 76.90 (76.60 to 77.60): VU0

Ion 96.90 (96.60 to 97.60): VU0

4.23

25000

20000

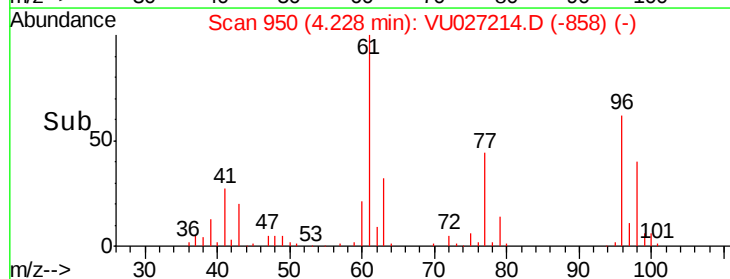
15000

10000

5000

0

Time--> 4.10 4.20 4.30



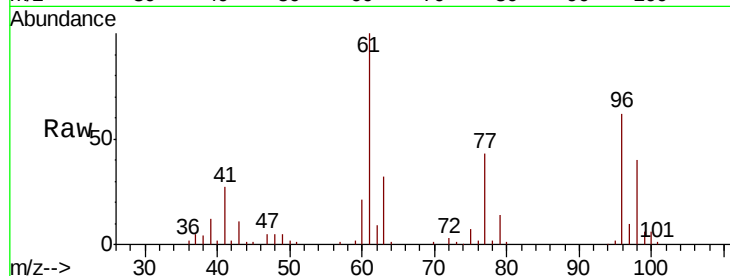


#27

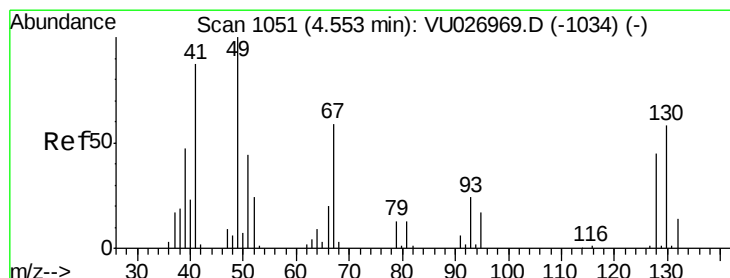
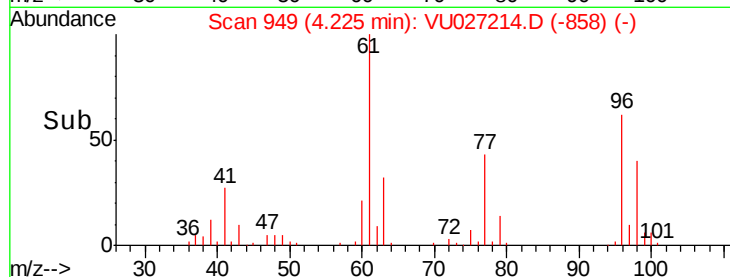
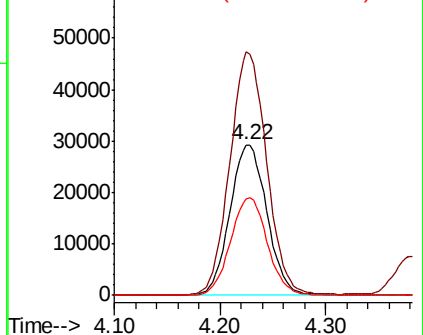
cis-1,2-Dichloroethene
 Concen: 50.910 ug/l
 RT: 4.22 min Scan# 949
 Delta R.T. -0.01 min
 Lab File: VU027214.D
 Acq: 27 Sep 2018 06:13

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion: 96 Resp: 71126
 Ion Ratio Lower Upper
 96 100
 61 161.7 0.0 337.2
 98 64.9 0.0 127.6



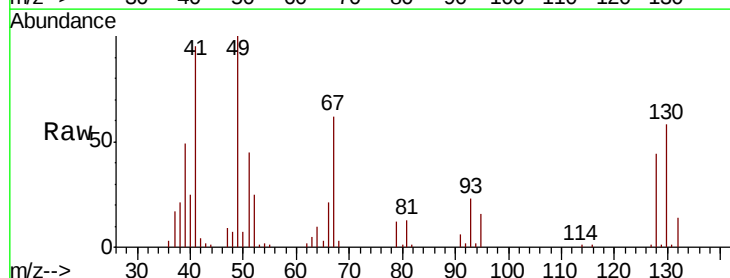
Abundance Ion 95.90 (95.60 to 96.60): VU0
 Ion 60.90 (60.60 to 61.60): VU0
 Ion 97.90 (97.60 to 98.60): VU0



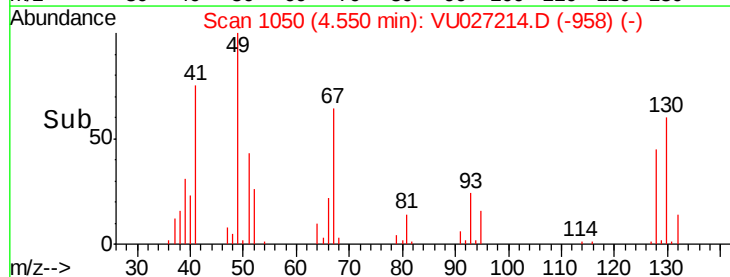
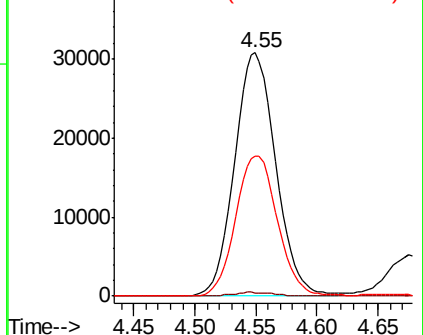
#28

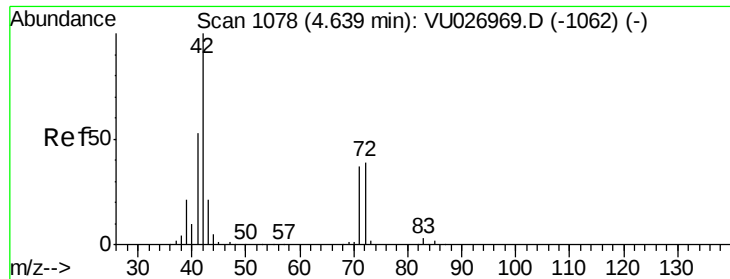
Bromochloromethane
 Concen: 53.978 ug/l
 RT: 4.55 min Scan# 1050
 Delta R.T. -0.00 min
 Lab File: VU027214.D
 Acq: 27 Sep 2018 06:13

Tgt Ion: 49 Resp: 72036
 Ion Ratio Lower Upper
 49 100
 129 1.5 0.0 3.0
 130 58.4 47.8 71.8



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: 287.088 ug/l

RT: 4.64 min Scan# 1077

Delta R.T. -0.00 min

Lab File: VU027214.D

Acq: 27 Sep 2018 06:13

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050EC

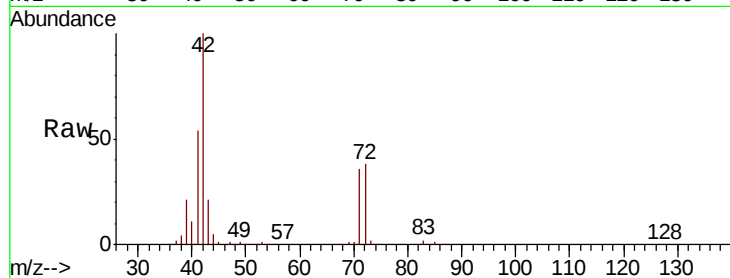
Tgt Ion: 42 Resp: 246436

Ion Ratio Lower Upper

42 100

72 38.5 31.7 47.5

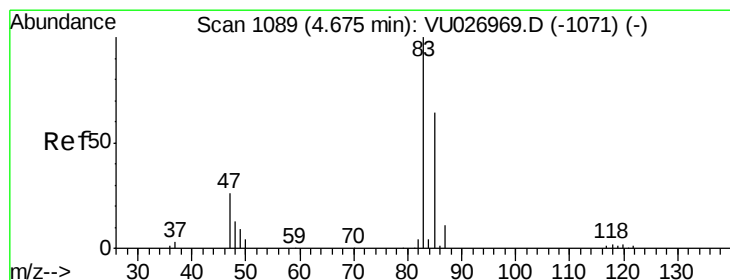
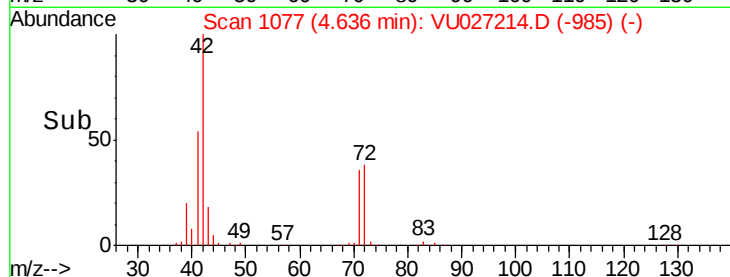
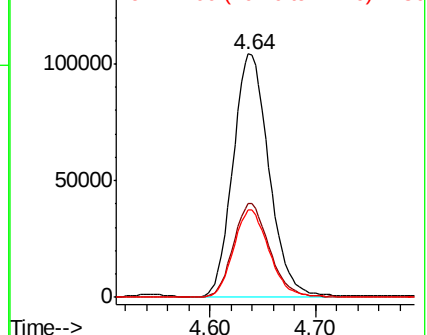
71 35.8 29.6 44.4



Abundance Ion 42.00 (41.70 to 42.70): VU0

Ion 72.00 (71.70 to 72.70): VU0

Ion 71.00 (70.70 to 71.70): VU0



#30

Chloroform

Concen: 48.131 ug/l

RT: 4.68 min Scan# 1089

Delta R.T. 0.00 min

Lab File: VU027214.D

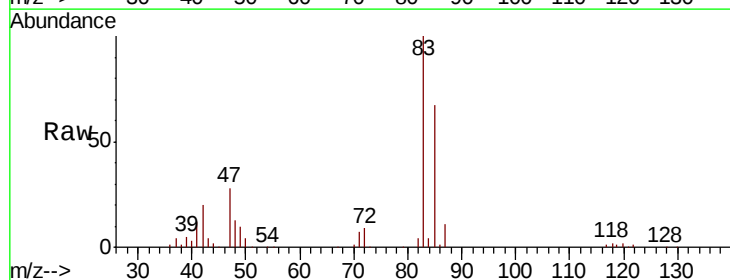
Acq: 27 Sep 2018 06:13

Tgt Ion: 83 Resp: 123690

Ion Ratio Lower Upper

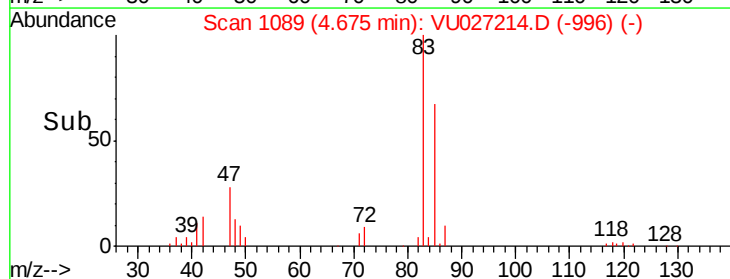
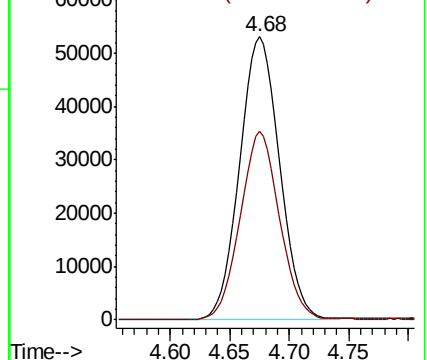
83 100

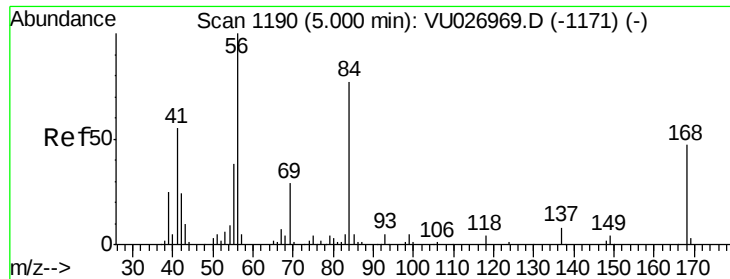
85 66.7 51.5 77.3



Abundance Ion 82.90 (82.60 to 83.60): VU0

Ion 84.90 (84.60 to 85.60): VU0

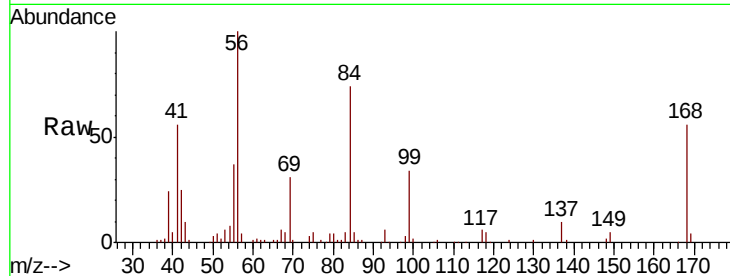




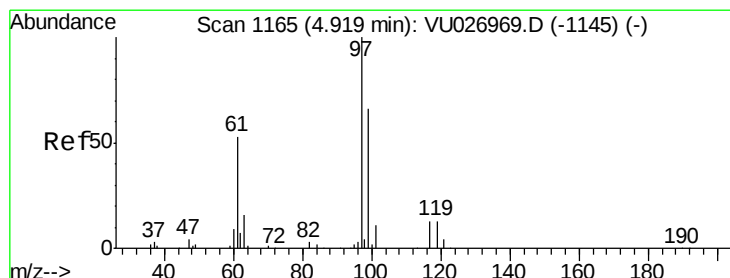
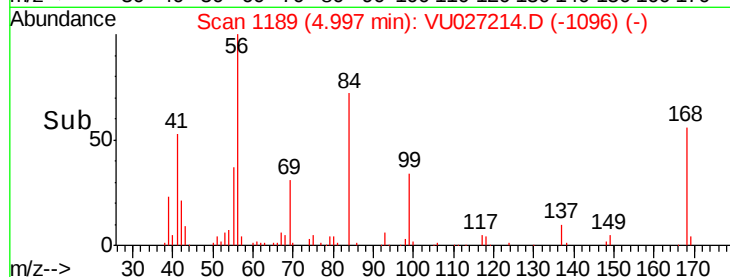
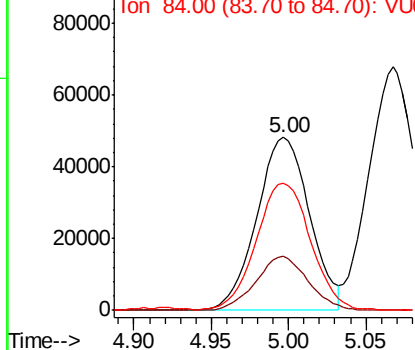
#31
Cyclohexane
Concen: 45.429 ug/l
RT: 5.00 min Scan# 1189
Delta R.T. -0.00 min
Lab File: VU027214.D
Acq: 27 Sep 2018 06:13

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 56 Resp: 114461
Ion Ratio Lower Upper
56 100
69 31.1 23.0 34.4
84 73.0 61.4 92.2

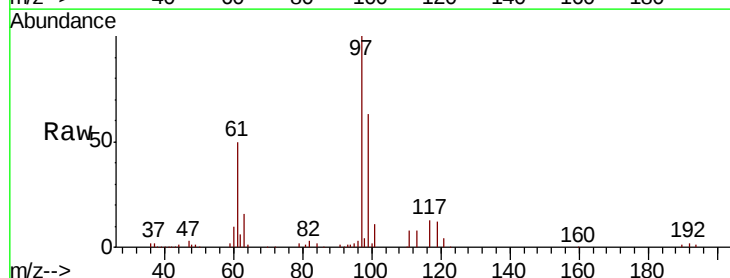


Abundance Ion 56.00 (55.70 to 56.70): VU0
Ion 69.00 (68.70 to 69.70): VU0
Ion 84.00 (83.70 to 84.70): VU0

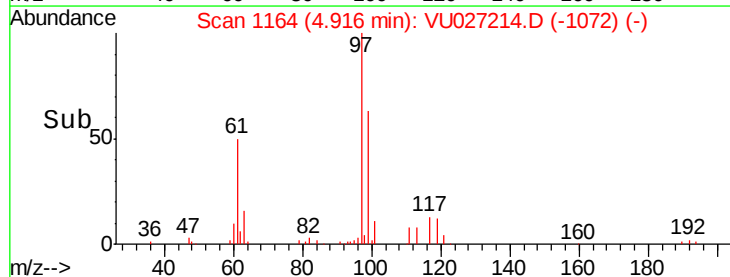
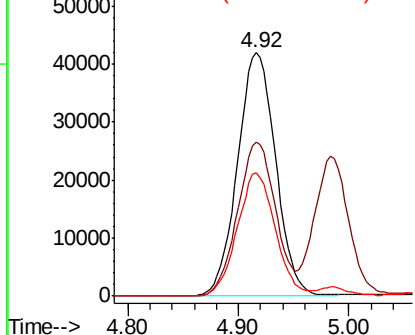


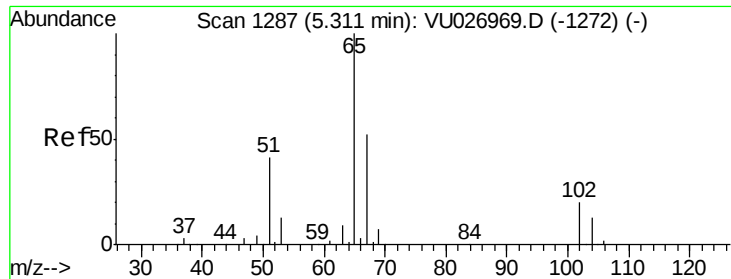
#32
1,1,1-Trichloroethane
Concen: 49.071 ug/l
RT: 4.92 min Scan# 1164
Delta R.T. -0.00 min
Lab File: VU027214.D
Acq: 27 Sep 2018 06:13

Tgt Ion: 97 Resp: 100685
Ion Ratio Lower Upper
97 100
99 63.0 51.8 77.6
61 50.3 41.1 61.7



Abundance Ion 96.90 (96.60 to 97.60): VU0
Ion 98.90 (98.60 to 99.60): VU0
Ion 60.90 (60.60 to 61.60): VU0

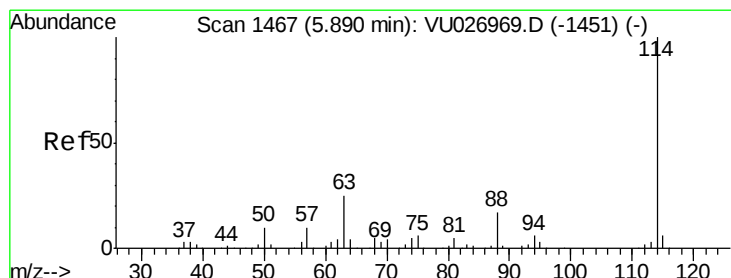
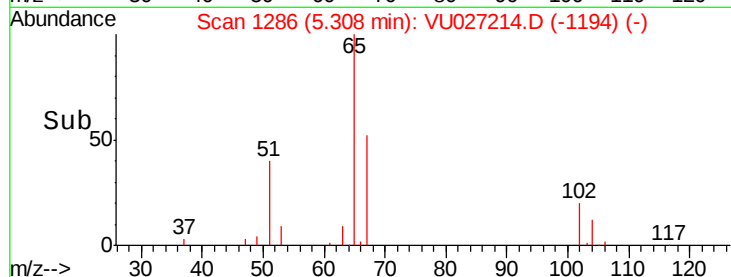
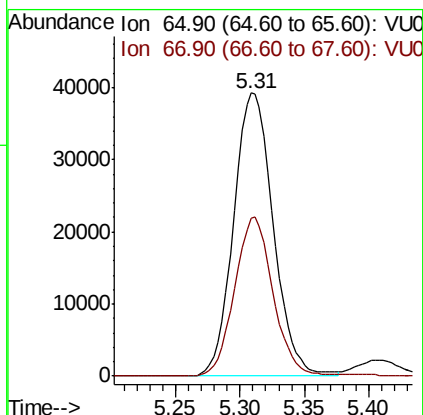
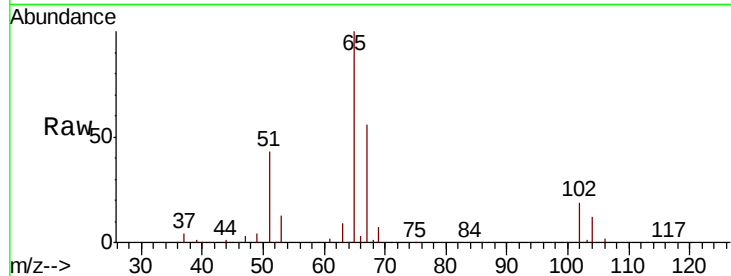




#33
 1,2-Dichloroethane-d4
 Concen: 49.790 ug/l
 RT: 5.31 min Scan# 1286
 Delta R.T. -0.00 min
 Lab File: VU027214.D
 Acq: 27 Sep 2018 06:13

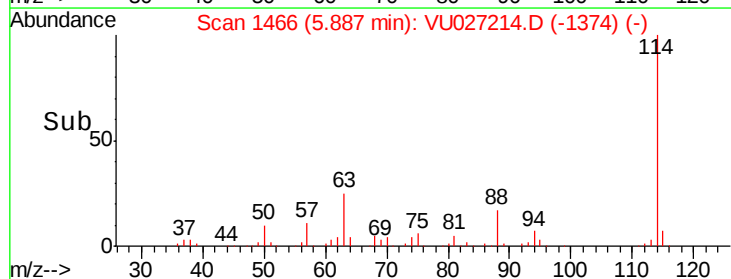
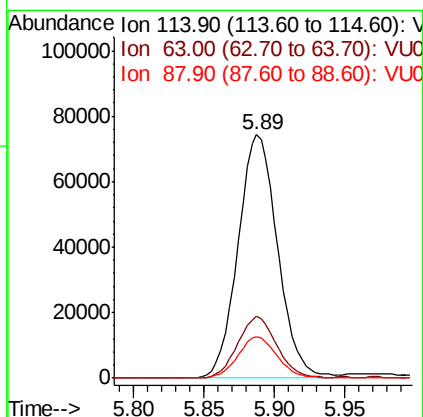
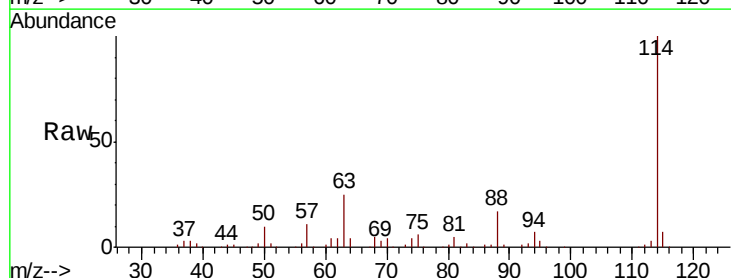
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion: 65 Resp: 84070
 Ion Ratio Lower Upper
 65 100
 67 54.4 0.0 105.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 5.89 min Scan# 1466
 Delta R.T. -0.00 min
 Lab File: VU027214.D
 Acq: 27 Sep 2018 06:13

Tgt Ion: 114 Resp: 146457
 Ion Ratio Lower Upper
 114 100
 63 25.2 0.0 49.2
 88 16.9 0.0 33.8

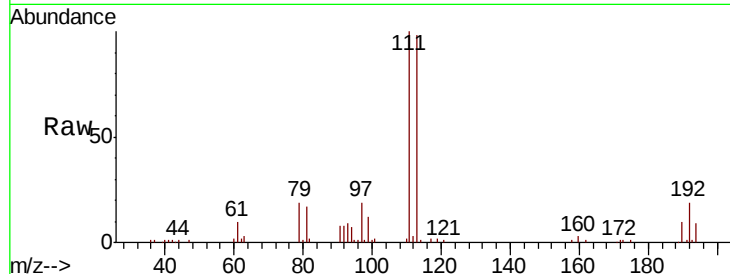




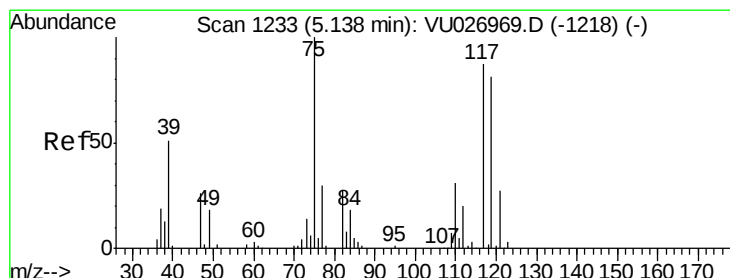
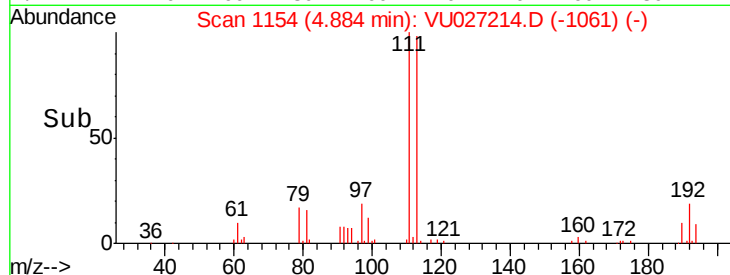
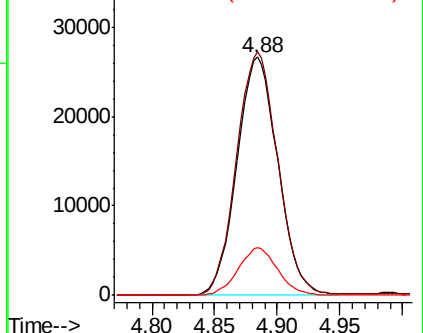
#35
 Dibromofluoromethane
 Concen: 47.846 ug/l
 RT: 4.88 min Scan# 1154
 Delta R.T. 0.00 min
 Lab File: VU027214.D
 Acq: 27 Sep 2018 06:13

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion:113 Resp: 60740
 Ion Ratio Lower Upper
 113 100
 111 102.4 82.2 123.4
 192 19.1 15.2 22.8

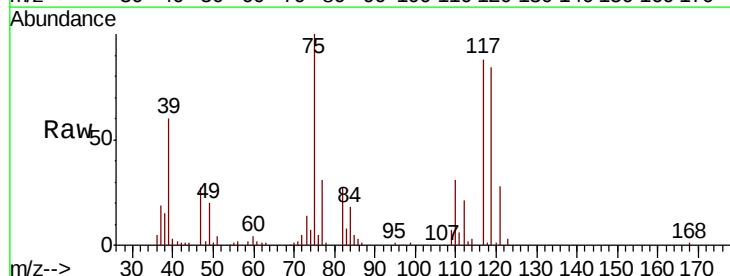


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

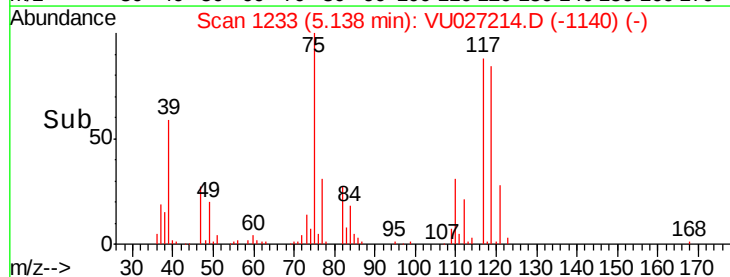
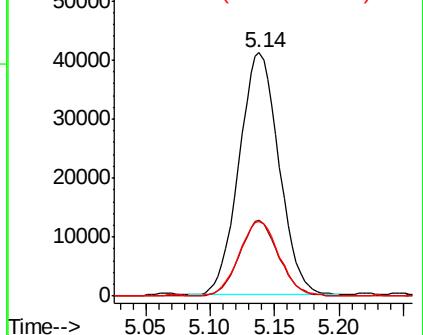


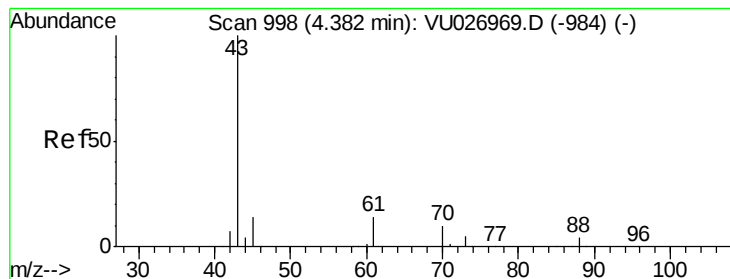
#36
 1,1-Dichloropropene
 Concen: 45.325 ug/l
 RT: 5.14 min Scan# 1233
 Delta R.T. 0.00 min
 Lab File: VU027214.D
 Acq: 27 Sep 2018 06:13

Tgt Ion: 75 Resp: 88594
 Ion Ratio Lower Upper
 75 100
 110 30.6 16.1 48.2
 77 31.2 24.6 36.8



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: 51.154 ug/l

RT: 4.38 min Scan# 998

Delta R.T. 0.00 min

Lab File: VU027214.D

Acq: 27 Sep 2018 06:13

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050EC

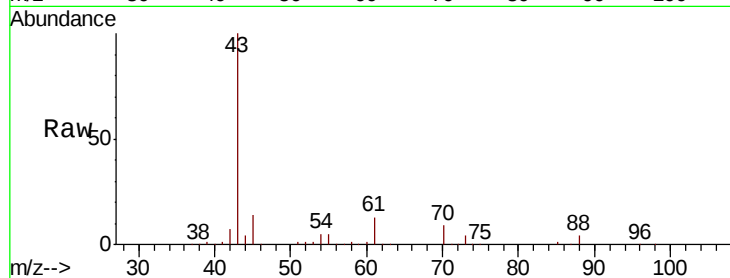
Tgt Ion: 43 Resp: 135357

Ion Ratio Lower Upper

43 100

61 13.1 10.5 15.7

70 8.9 7.4 11.0



Abundance Ion 43.00 (42.70 to 43.70): VU026969.D (-984) (-)

Ion 60.90 (60.60 to 61.60): VU026969.D (-984) (-)

Ion 70.00 (69.70 to 70.70): VU026969.D (-984) (-)

200000

150000

100000

50000

0

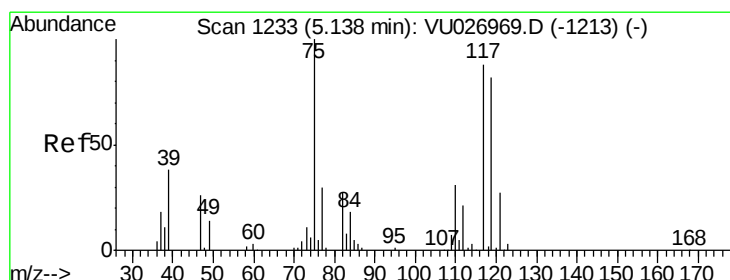
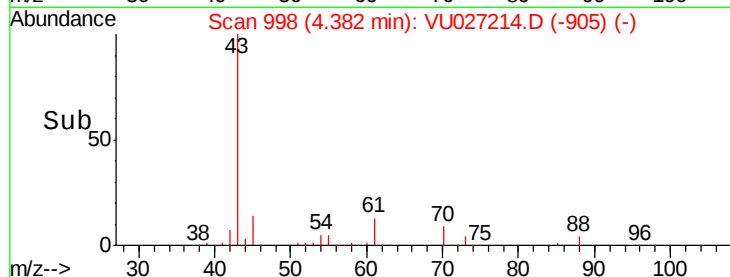
4.30

4.38

4.40

4.50

Time-->



#38

Carbon Tetrachloride

Concen: 45.691 ug/l

RT: 5.13 min Scan# 1232

Delta R.T. -0.00 min

Lab File: VU027214.D

Acq: 27 Sep 2018 06:13

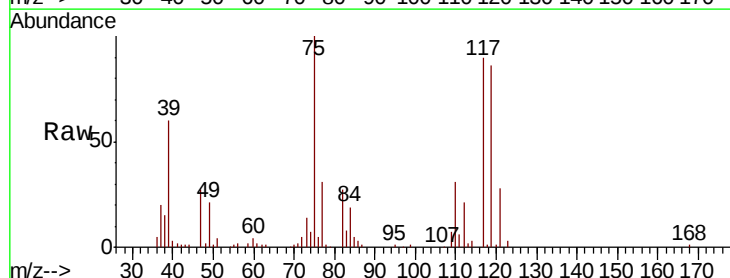
Tgt Ion: 117 Resp: 84989

Ion Ratio Lower Upper

117 100

119 95.8 74.4 111.6

121 31.6 24.2 36.4



Abundance Ion 116.80 (116.50 to 117.50): VU026969.D (-1213) (-)

Ion 118.80 (118.50 to 119.50): VU026969.D (-1213) (-)

Ion 120.80 (120.50 to 121.50): VU026969.D (-1213) (-)

50000

40000

30000

20000

10000

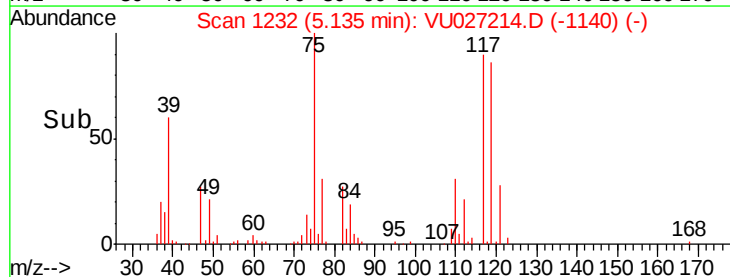
0

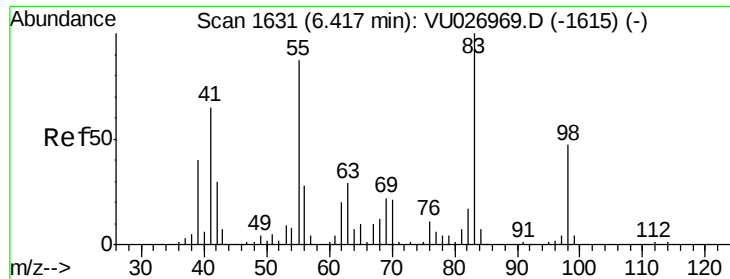
5.10

5.13

5.20

Time-->

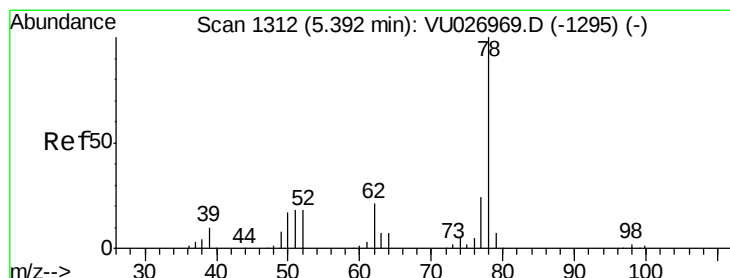
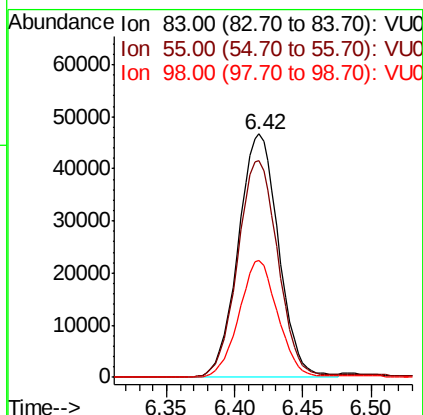
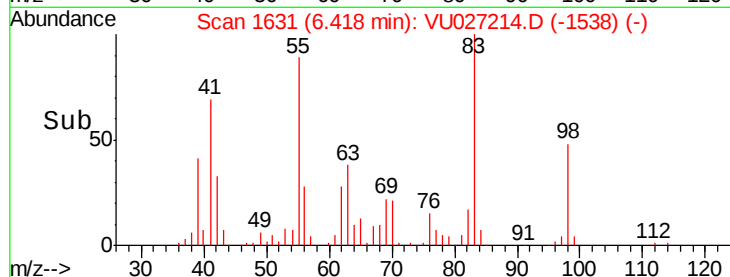
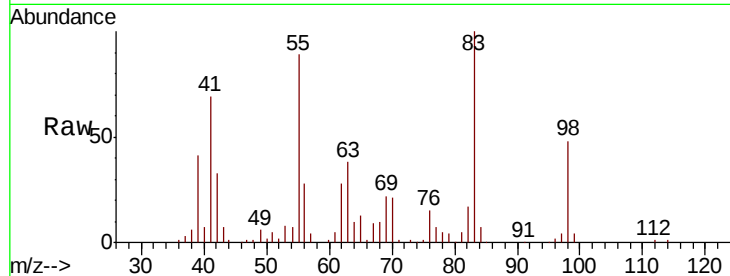




#39
Methylcyclohexane
Concen: 45.135 ug/l
RT: 6.42 min Scan# 1631
Delta R.T. 0.00 min
Lab File: VU027214.D
Acq: 27 Sep 2018 06:13

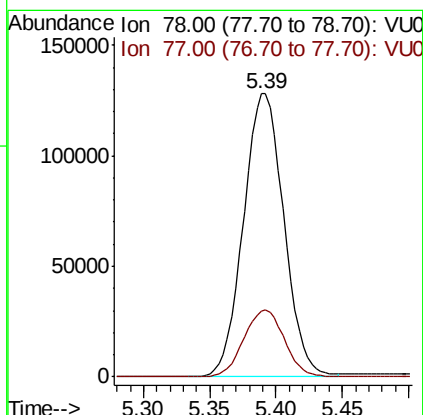
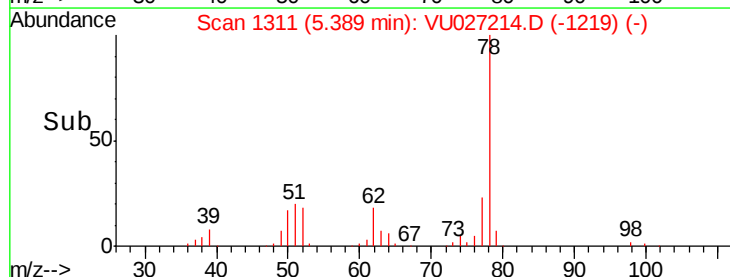
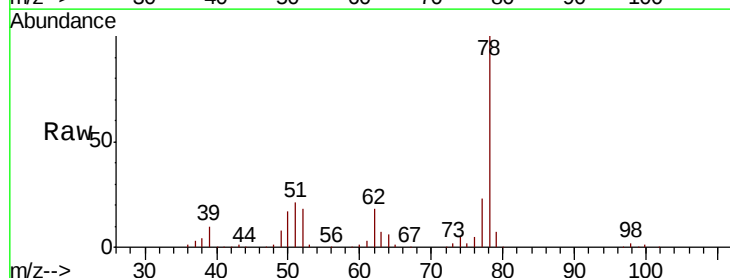
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 83 Resp: 95873
Ion Ratio Lower Upper
83 100
55 89.0 69.9 104.9
98 48.2 37.5 56.3



#40
Benzene
Concen: 45.878 ug/l
RT: 5.39 min Scan# 1311
Delta R.T. -0.00 min
Lab File: VU027214.D
Acq: 27 Sep 2018 06:13

Tgt Ion: 78 Resp: 272608
Ion Ratio Lower Upper
78 100
77 23.4 19.4 29.0





#41

Methacrylonitrile

Concen: 56.019 ug/l

RT: 4.54 min Scan# 1048

Delta R.T. -0.00 min

Lab File: VU027214.D

Acq: 27 Sep 2018 06:13

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 41 Resp: 76983

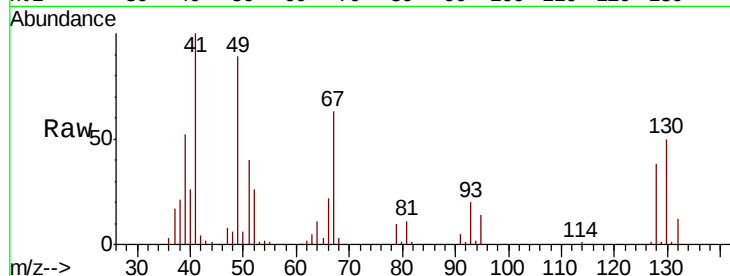
Ion Ratio Lower Upper

41 100

39 52.4 42.9 64.3

67 62.6 52.4 78.6

52 26.1 21.3 31.9

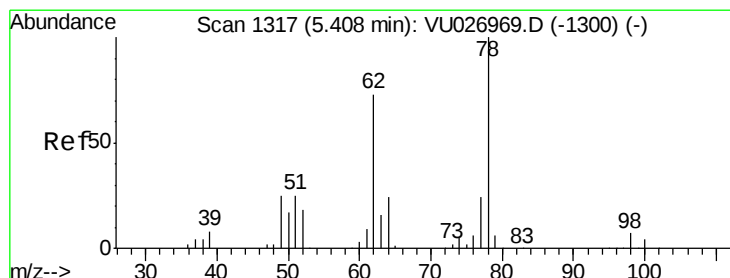
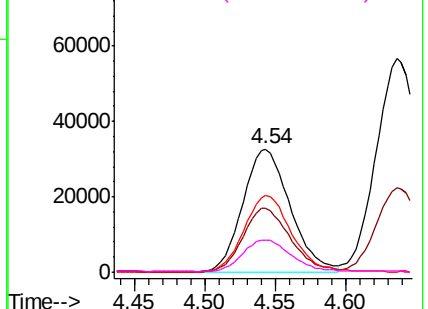
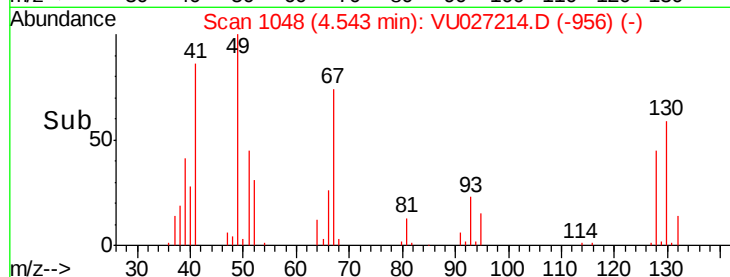


Abundance Ion 41.00 (40.70 to 41.70): VU0

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: 46.848 ug/l

RT: 5.40 min Scan# 1316

Delta R.T. -0.00 min

Lab File: VU027214.D

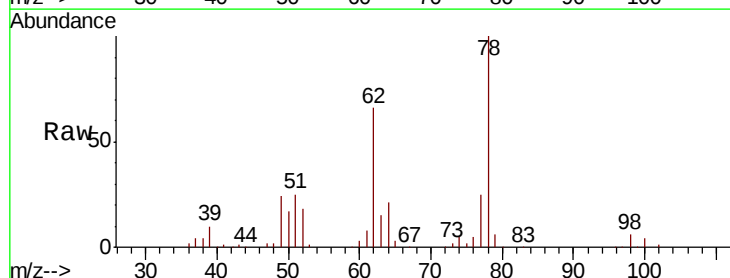
Acq: 27 Sep 2018 06:13

Tgt Ion: 62 Resp: 105173

Ion Ratio Lower Upper

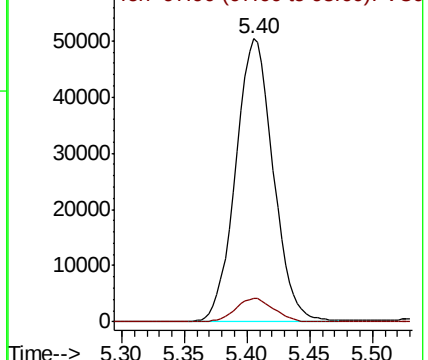
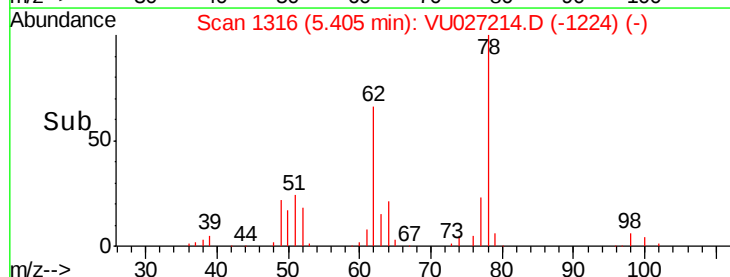
62 100

98 8.5 0.0 17.0



Abundance Ion 61.90 (61.60 to 62.60): VU0

Ion 97.90 (97.60 to 98.60): VU0





#43

Isopropyl Acetate

Concen: 54.061 ug/l

RT: 5.55 min Scan# 1361

Delta R.T. -0.00 min

Lab File: VU027214.D

Acq: 27 Sep 2018 06:13

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050EC

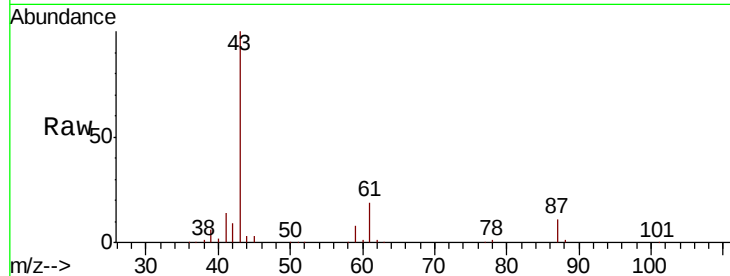
Tgt Ion: 43 Resp: 208619

Ion Ratio Lower Upper

43 100

61 19.2 15.7 23.5

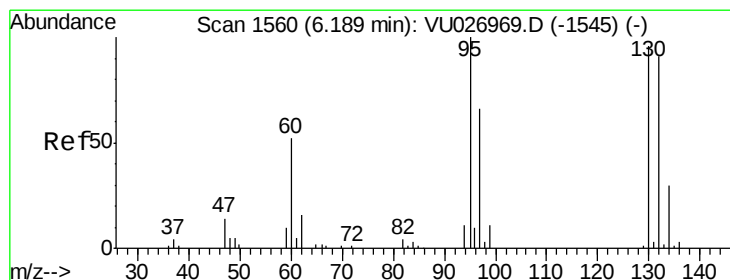
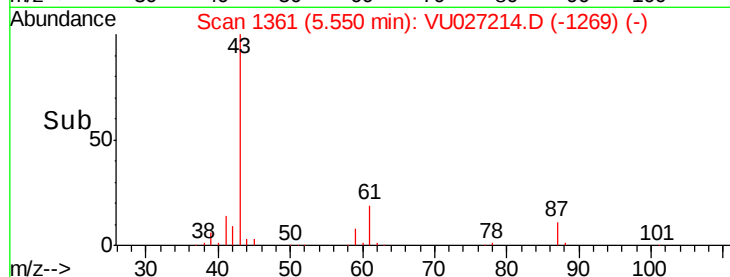
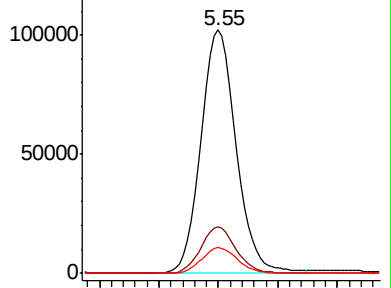
87 10.8 9.0 13.4



Abundance Ion 43.00 (42.70 to 43.70): VU026969.D (-1342) (-)

Ion 61.00 (60.70 to 61.70): VU026969.D (-1342) (-)

Ion 87.00 (86.70 to 87.70): VU026969.D (-1342) (-)



#44

Trichloroethene

Concen: 47.506 ug/l

RT: 6.19 min Scan# 1559

Delta R.T. -0.00 min

Lab File: VU027214.D

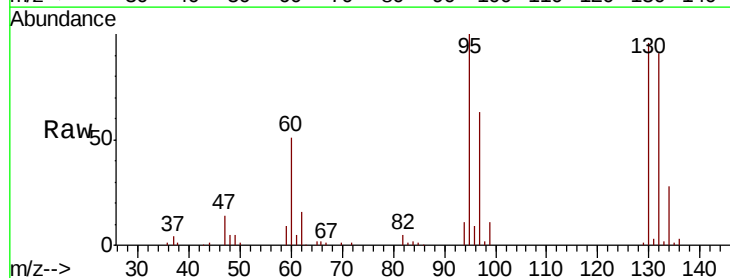
Acq: 27 Sep 2018 06:13

Tgt Ion: 130 Resp: 60095

Ion Ratio Lower Upper

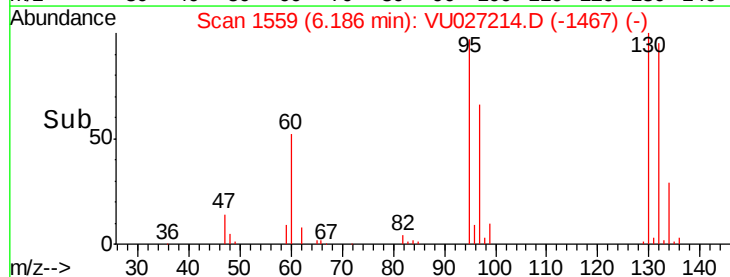
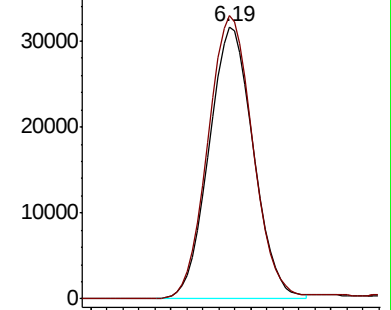
130 100

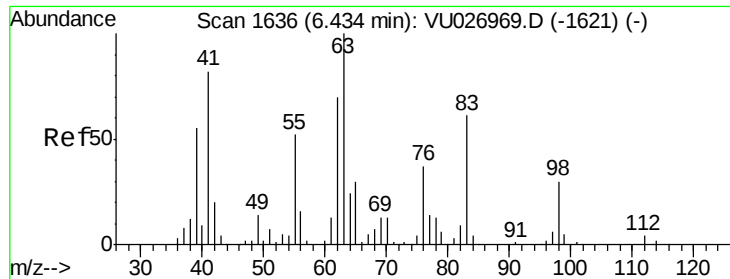
95 104.1 0.0 208.8



Abundance Ion 129.80 (129.50 to 130.50): VU026969.D (-1545) (-)

Ion 94.90 (94.60 to 95.60): VU026969.D (-1545) (-)

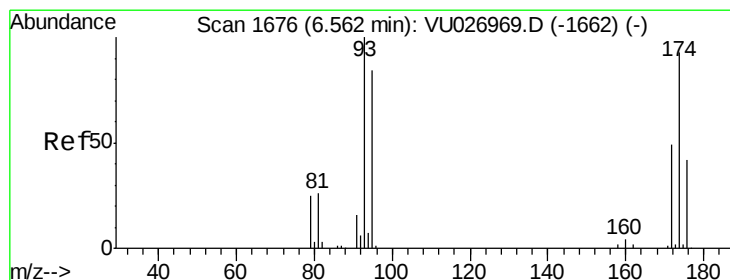
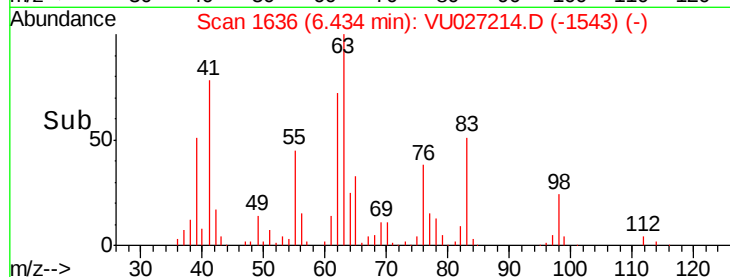
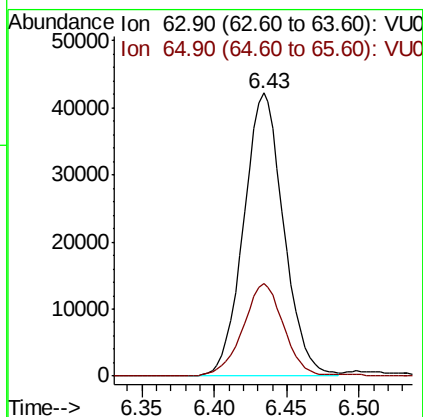
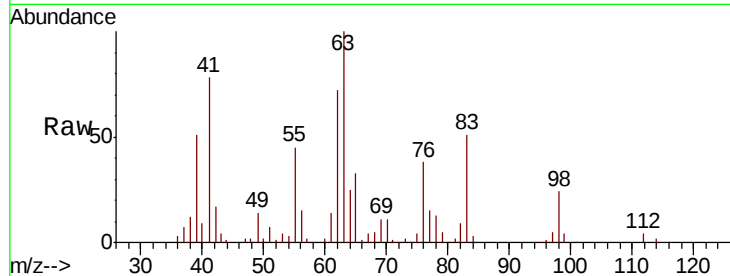




#45
 1,2-Dichloropropane
 Concen: 47.929 ug/l
 RT: 6.43 min Scan# 1636
 Delta R.T. 0.00 min
 Lab File: VU027214.D
 Acq: 27 Sep 2018 06:13

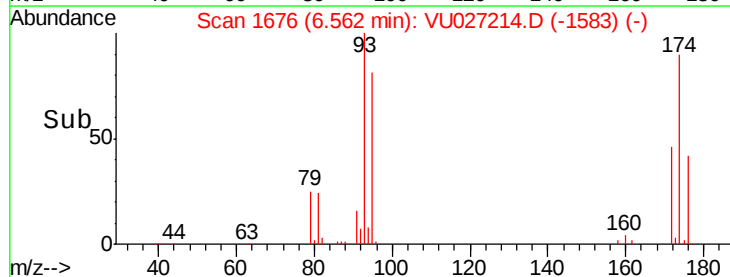
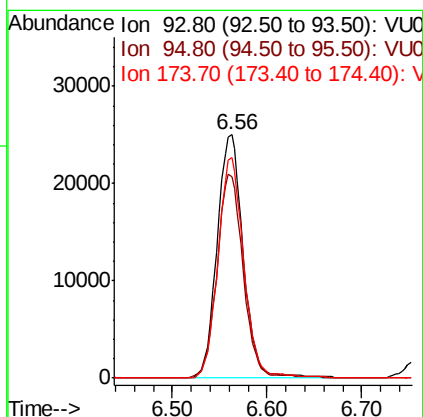
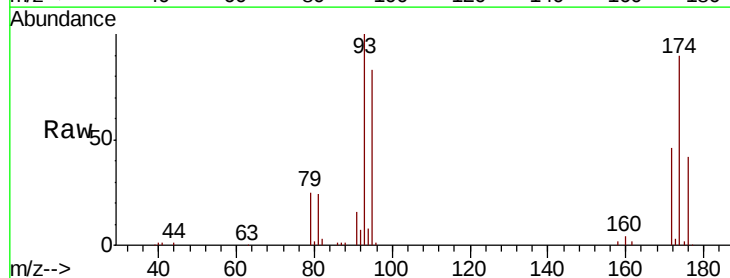
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050EC

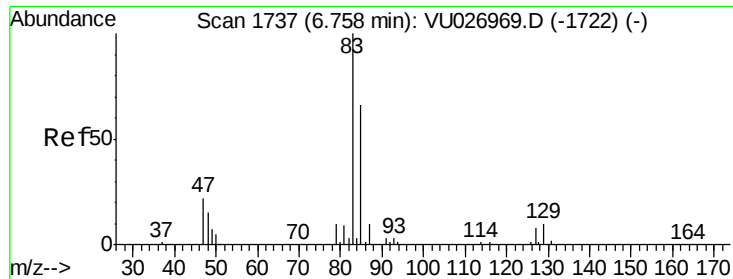
Tgt Ion: 63 Resp: 81149
 Ion Ratio Lower Upper
 63 100
 65 32.5 24.3 36.5



#46
 Dibromomethane
 Concen: 46.918 ug/l
 RT: 6.56 min Scan# 1676
 Delta R.T. 0.00 min
 Lab File: VU027214.D
 Acq: 27 Sep 2018 06:13

Tgt Ion: 93 Resp: 47976
 Ion Ratio Lower Upper
 93 100
 95 82.7 66.2 99.4
 174 88.3 71.7 107.5

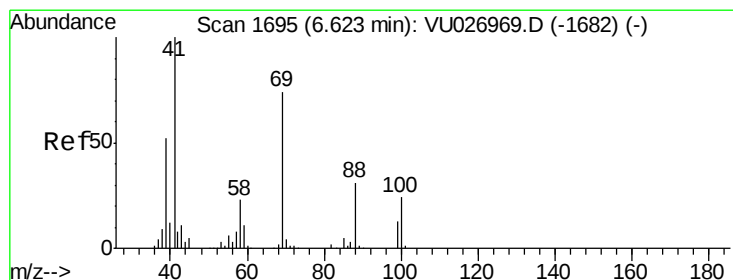
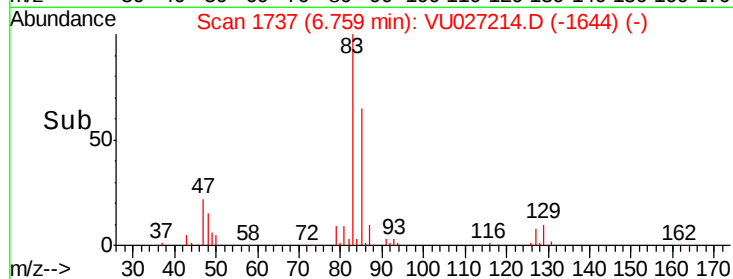
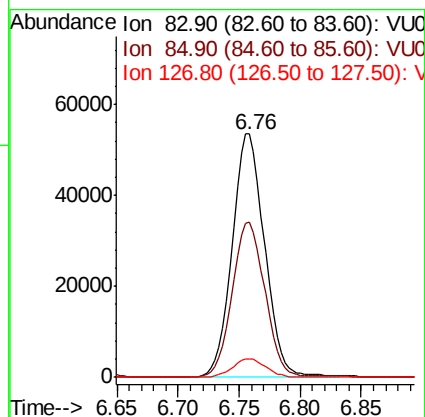
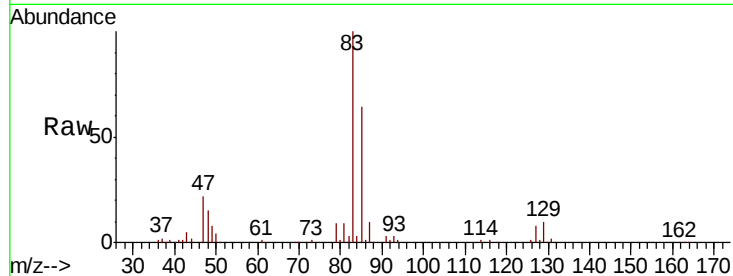




#47
 Bromodichloromethane
 Concen: 48.002 ug/l
 RT: 6.76 min Scan# 1737
 Delta R.T. 0.00 min
 Lab File: VU027214.D
 Acq: 27 Sep 2018 06:13

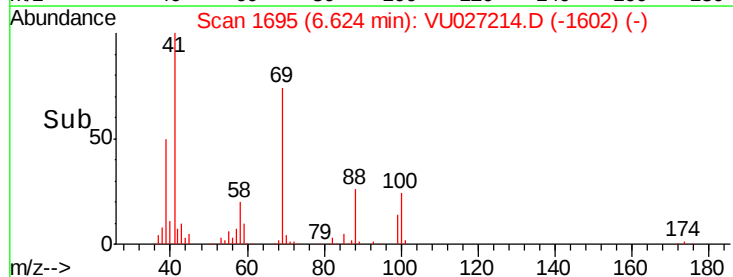
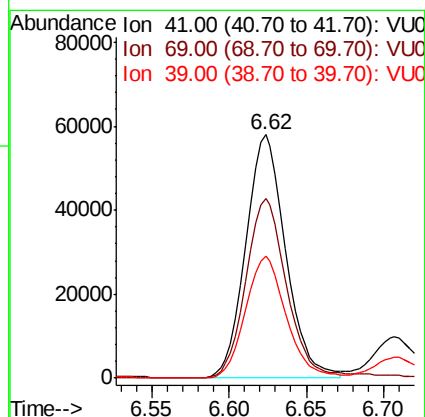
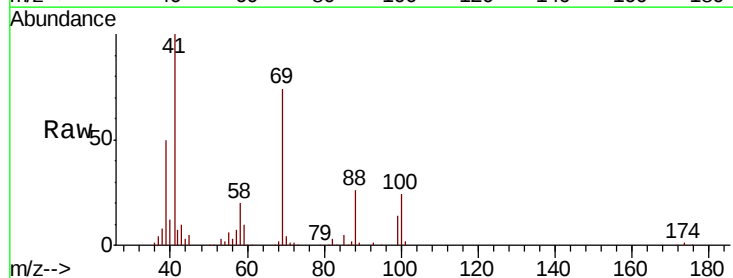
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion: 83 Resp: 99250
 Ion Ratio Lower Upper
 83 100
 85 63.7 52.5 78.7
 127 7.7 6.3 9.5



#48
 Methyl methacrylate
 Concen: 49.491 ug/l
 RT: 6.62 min Scan# 1695
 Delta R.T. 0.00 min
 Lab File: VU027214.D
 Acq: 27 Sep 2018 06:13

Tgt Ion: 41 Resp: 103926
 Ion Ratio Lower Upper
 41 100
 69 75.7 60.6 90.8
 39 51.3 42.8 64.2

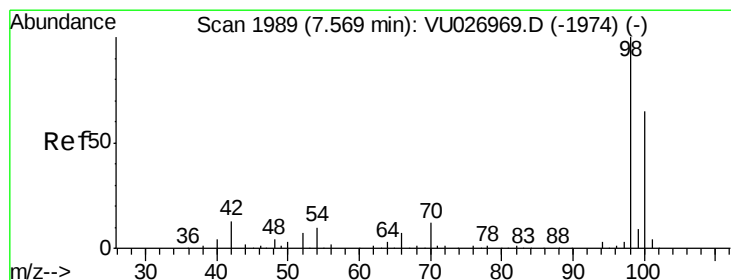
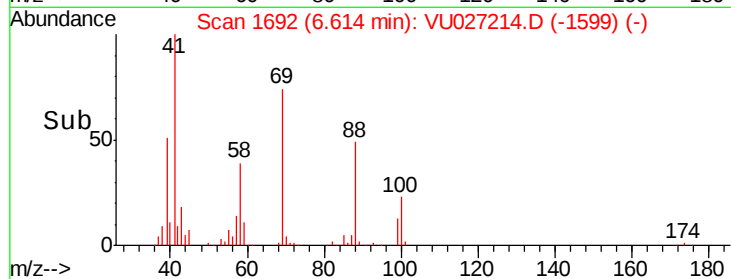
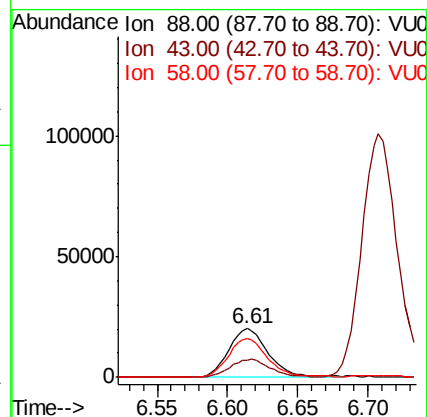
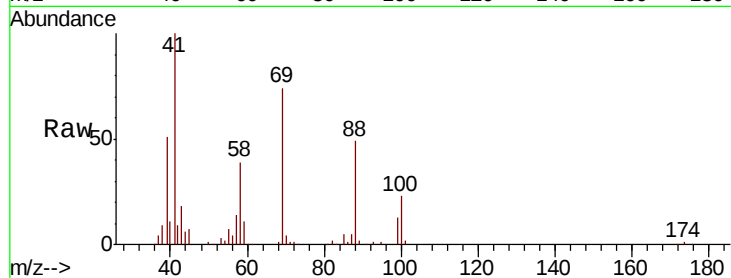




#49
1,4-Dioxane
Concen: 948.747 ug/l
RT: 6.61 min Scan# 1692
Delta R.T. -0.00 min
Lab File: VU027214.D
Acq: 27 Sep 2018 06:13

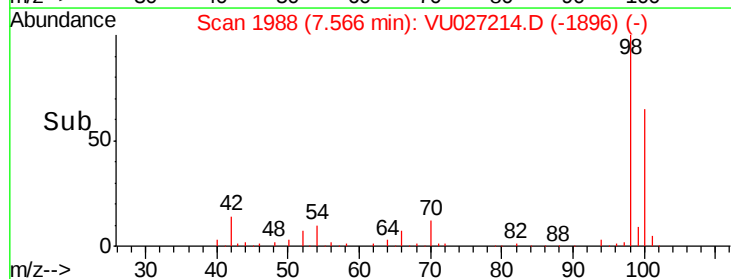
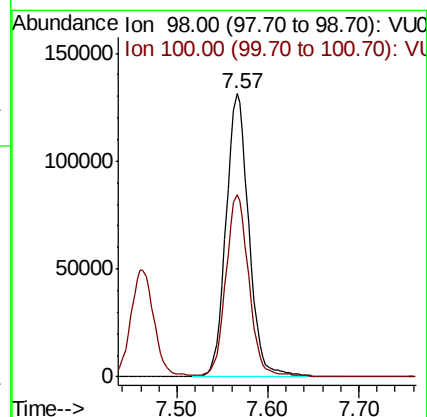
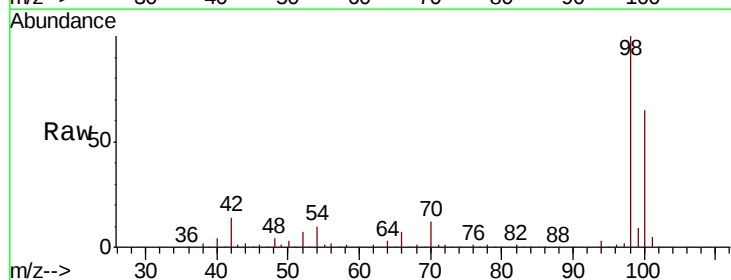
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

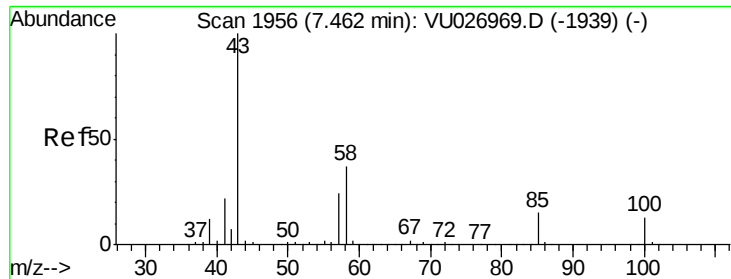
Tgt Ion: 88 Resp: 39578
Ion Ratio Lower Upper
88 100
43 38.0 29.8 44.8
58 79.8 63.9 95.9



#50
Toluene-d8
Concen: 47.326 ug/l
RT: 7.57 min Scan# 1988
Delta R.T. -0.00 min
Lab File: VU027214.D
Acq: 27 Sep 2018 06:13

Tgt Ion: 98 Resp: 228969
Ion Ratio Lower Upper
98 100
100 65.3 52.1 78.1

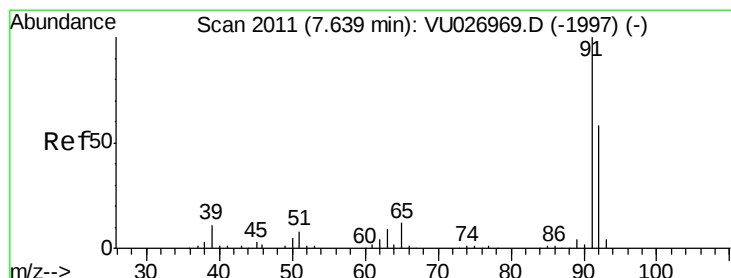
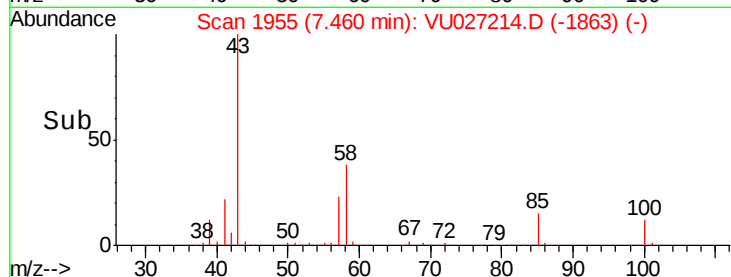
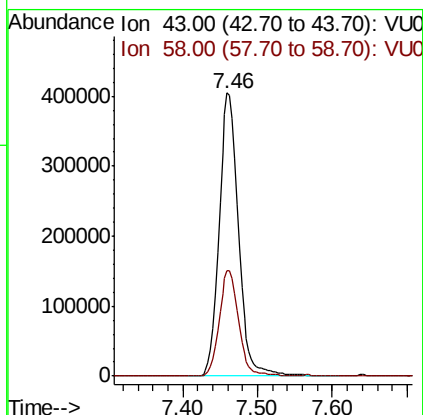
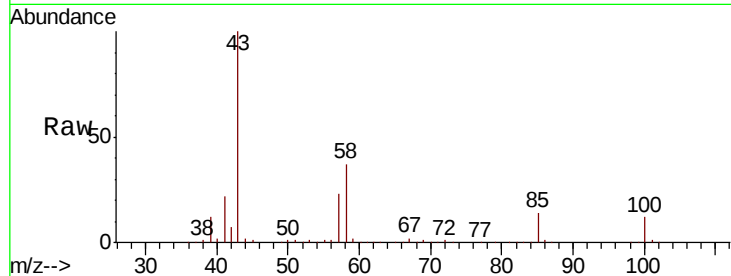




#51
 4-Methyl-2-Pentanone
 Concen: 279.487 ug/l
 RT: 7.46 min Scan# 1955
 Delta R.T. -0.00 min
 Lab File: VU027214.D
 Acq: 27 Sep 2018 06:13

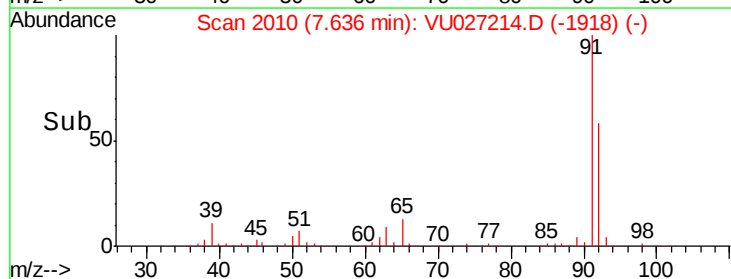
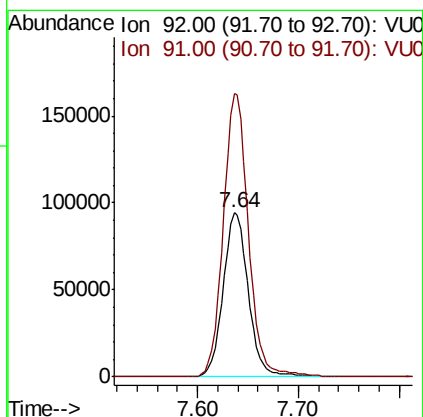
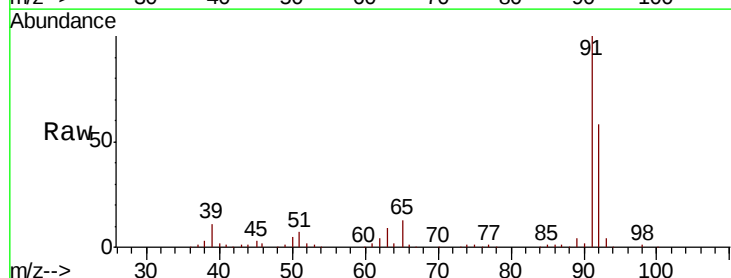
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050EC

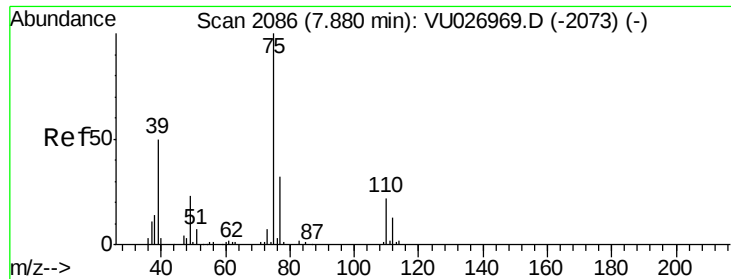
Tgt Ion: 43 Resp: 725374
 Ion Ratio Lower Upper
 43 100
 58 37.2 29.8 44.6



#52
 Toluene
 Concen: 48.357 ug/l
 RT: 7.64 min Scan# 2010
 Delta R.T. -0.00 min
 Lab File: VU027214.D
 Acq: 27 Sep 2018 06:13

Tgt Ion: 92 Resp: 164703
 Ion Ratio Lower Upper
 92 100
 91 172.6 136.4 204.6

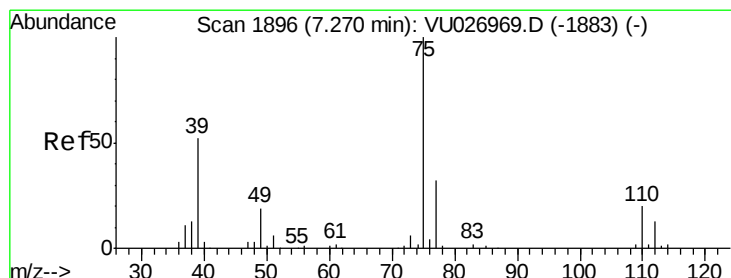
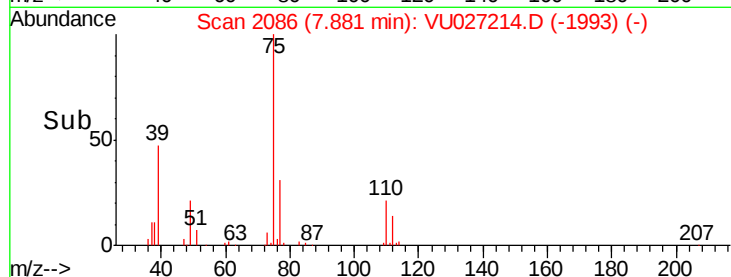
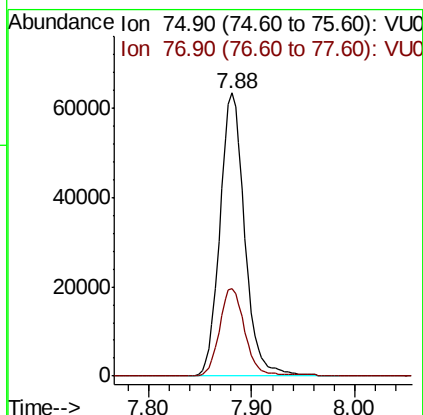
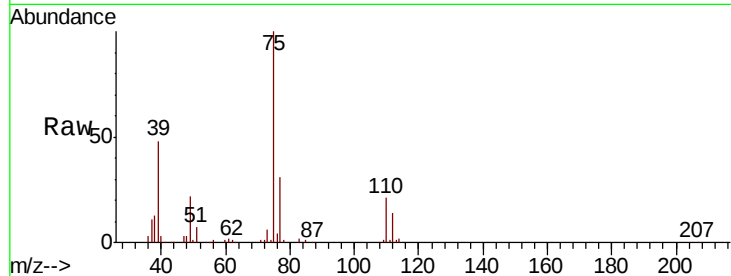




#53
t-1,3-Dichloropropene
Concen: 47.685 ug/l
RT: 7.88 min Scan# 2086
Delta R.T. 0.00 min
Lab File: VU027214.D
Acq: 27 Sep 2018 06:13

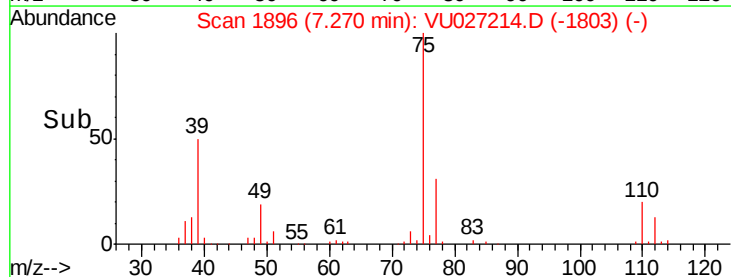
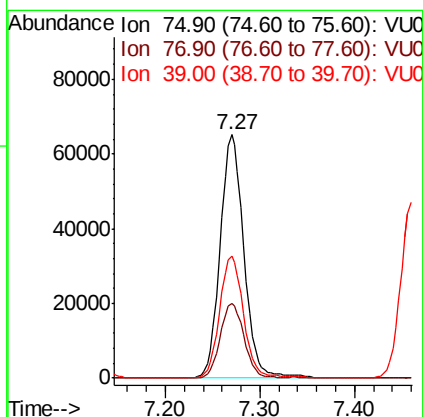
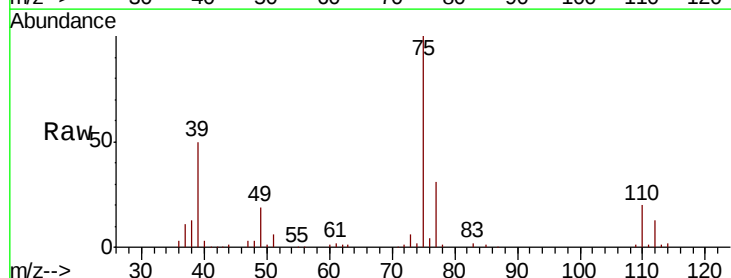
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

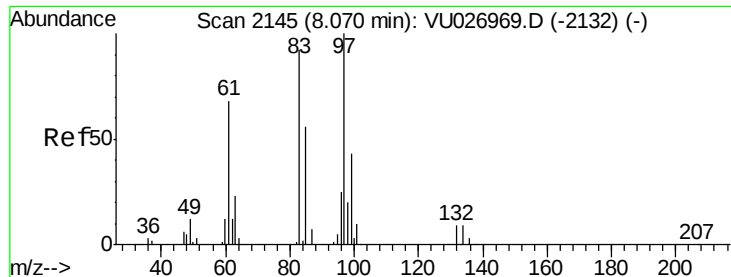
Tgt Ion: 75 Resp: 105932
Ion Ratio Lower Upper
75 100
77 30.8 25.3 37.9



#54
cis-1,3-Dichloropropene
Concen: 46.539 ug/l
RT: 7.27 min Scan# 1896
Delta R.T. 0.00 min
Lab File: VU027214.D
Acq: 27 Sep 2018 06:13

Tgt Ion: 75 Resp: 113676
Ion Ratio Lower Upper
75 100
77 30.8 25.4 38.0
39 50.0 41.6 62.4

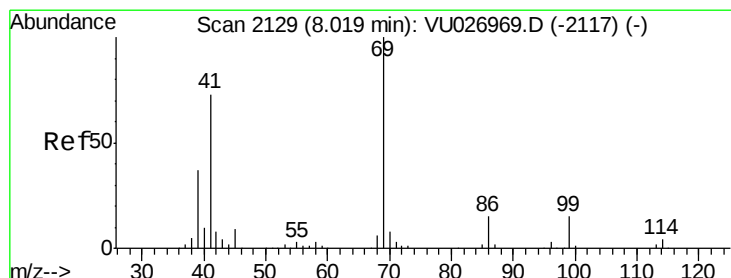
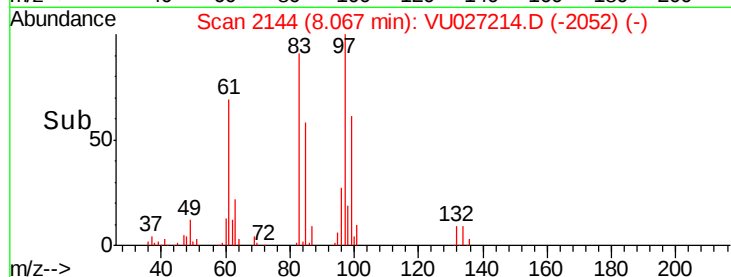
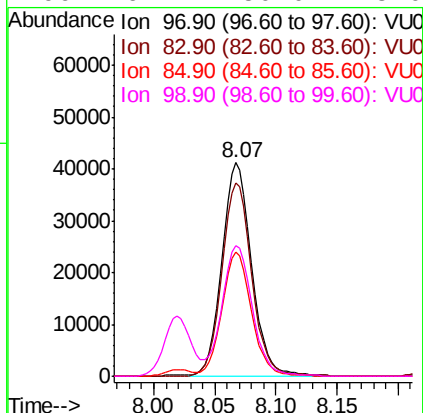
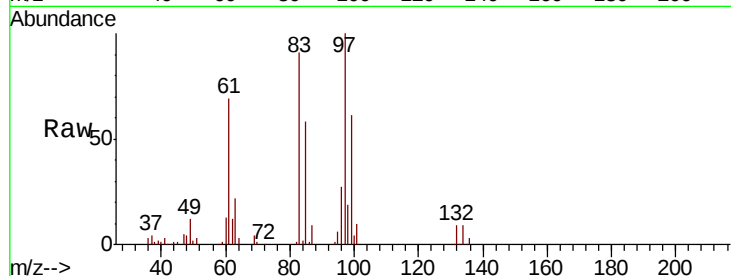




#55
 1,1,2-Trichloroethane
 Concen: 48.850 ug/l
 RT: 8.07 min Scan# 2144
 Delta R.T. -0.00 min
 Lab File: VU027214.D
 Acq: 27 Sep 2018 06:13

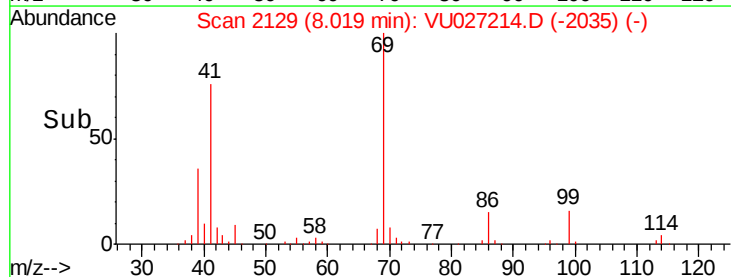
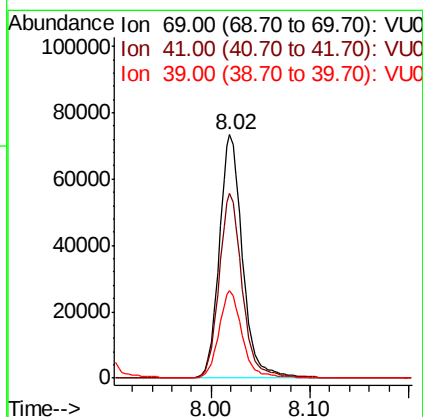
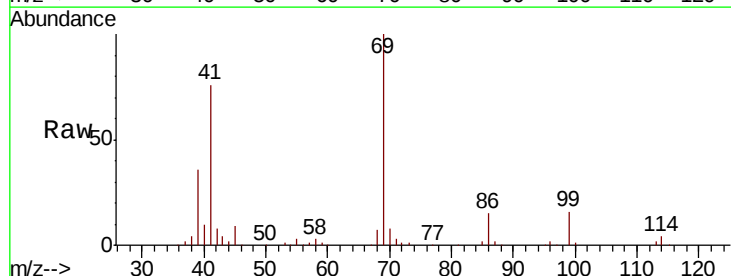
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050EC

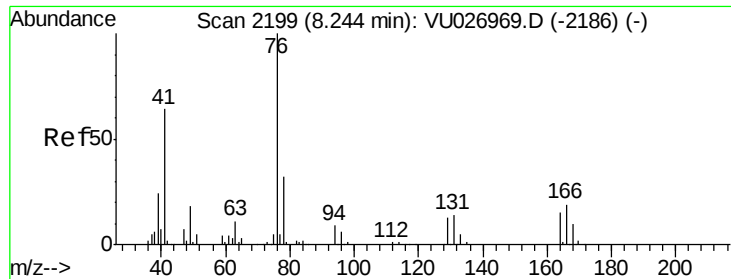
Tgt Ion:	97	Resp:	70501
Ion	Ratio	Lower	Upper
97	100		
83	90.7	73.1	109.7
85	58.4	46.7	70.1
99	61.4	50.0	75.0



#56
 Ethyl methacrylate
 Concen: 48.450 ug/l
 RT: 8.02 min Scan# 2129
 Delta R.T. 0.00 min
 Lab File: VU027214.D
 Acq: 27 Sep 2018 06:13

Tgt Ion:	69	Resp:	121146
Ion	Ratio	Lower	Upper
69	100		
41	75.3	59.0	88.4
39	35.8	30.2	45.4

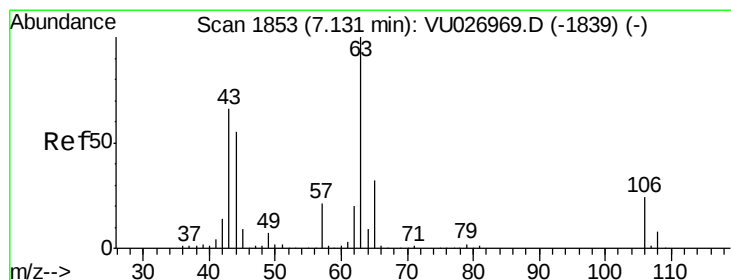
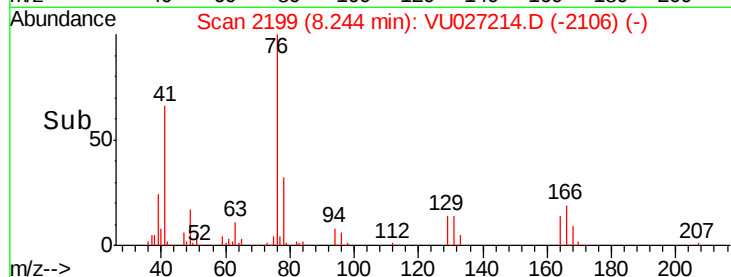
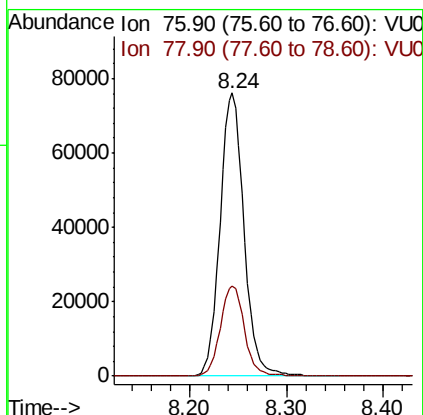
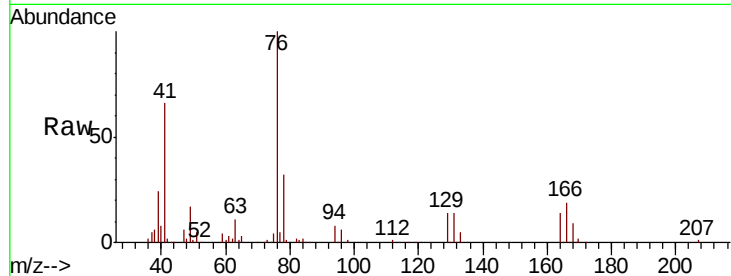




#57
 1,3-Dichloropropane
 Concen: 48.755 ug/l
 RT: 8.24 min Scan# 2199
 Delta R.T. 0.00 min
 Lab File: VU027214.D
 Acq: 27 Sep 2018 06:13

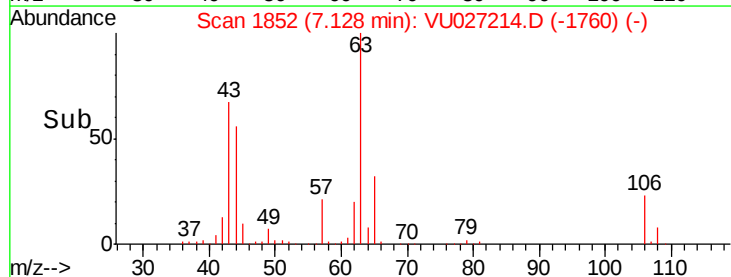
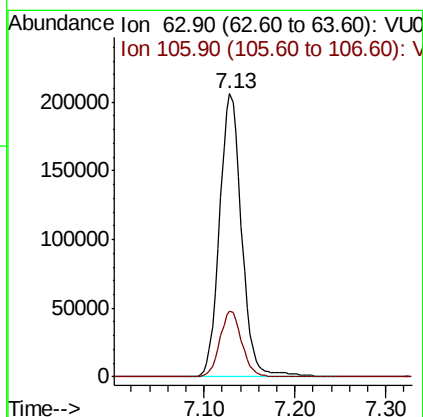
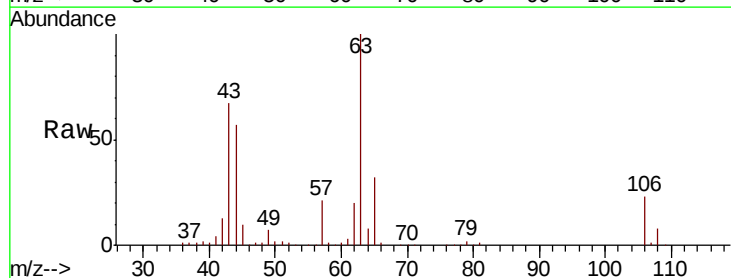
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion: 76 Resp: 130870
 Ion Ratio Lower Upper
 76 100
 78 32.0 25.5 38.3



#58
 2-Chloroethyl Vinyl ether
 Concen: 245.526 ug/l
 RT: 7.13 min Scan# 1852
 Delta R.T. -0.00 min
 Lab File: VU027214.D
 Acq: 27 Sep 2018 06:13

Tgt Ion: 63 Resp: 348797
 Ion Ratio Lower Upper
 63 100
 106 23.3 18.7 28.1

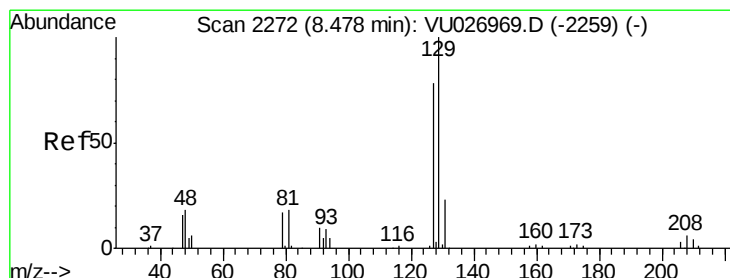
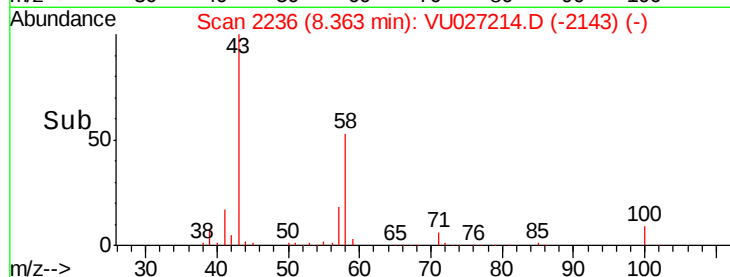
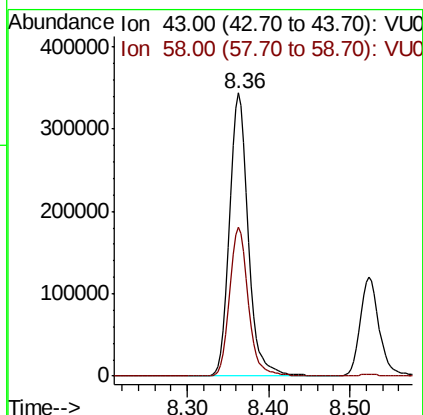
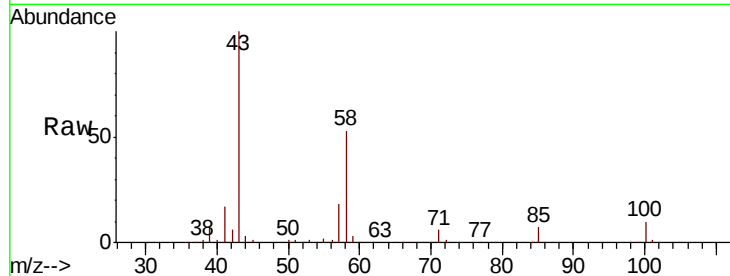




#59
2-Hexanone
Concen: 276.411 ug/l
RT: 8.36 min Scan# 2236
Delta R.T. 0.00 min
Lab File: VU027214.D
Acq: 27 Sep 2018 06:13

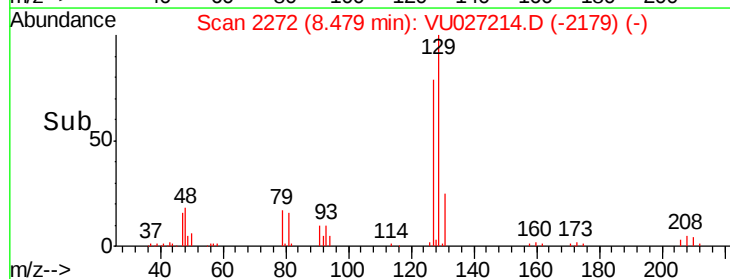
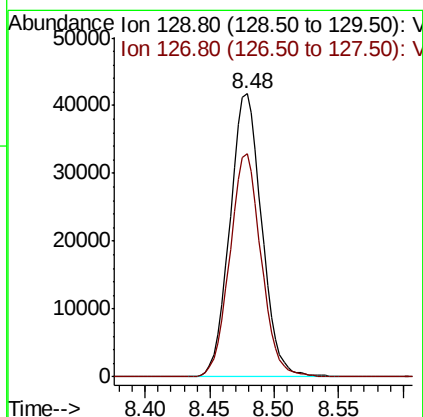
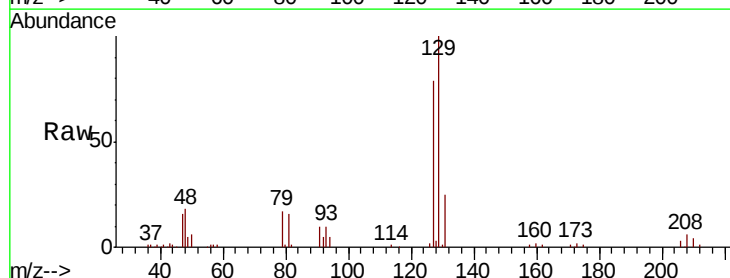
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

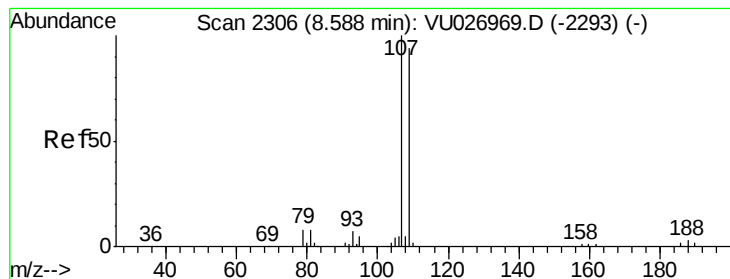
Tgt Ion: 43 Resp: 561560
Ion Ratio Lower Upper
43 100
58 52.5 26.1 78.2



#60
Dibromochloromethane
Concen: 50.615 ug/l
RT: 8.48 min Scan# 2272
Delta R.T. 0.00 min
Lab File: VU027214.D
Acq: 27 Sep 2018 06:13

Tgt Ion: 129 Resp: 71652
Ion Ratio Lower Upper
129 100
127 77.7 38.1 114.5





#61

1,2-Dibromoethane

Concen: 48.812 ug/l

RT: 8.59 min Scan# 2306

Delta R.T. 0.00 min

Lab File: VU027214.D

Acq: 27 Sep 2018 06:13

Instrument :

MSVOA_U

ClientSampleId :

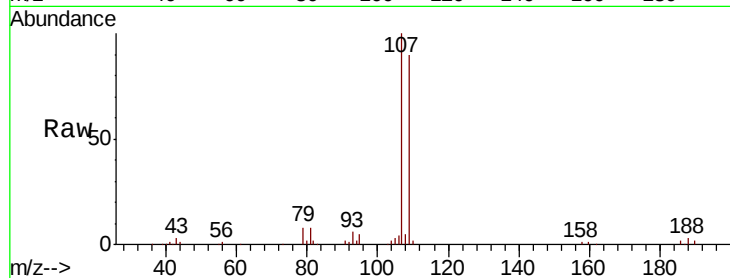
VSTDCCC050EC

Tgt Ion: 107 Resp: 73296

Ion Ratio Lower Upper

107 100

109 91.4 75.0 112.6



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

8.59

50000

40000

30000

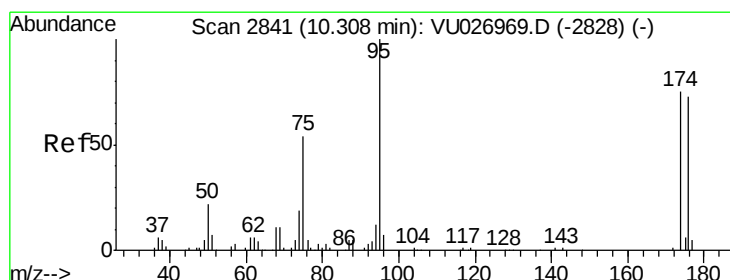
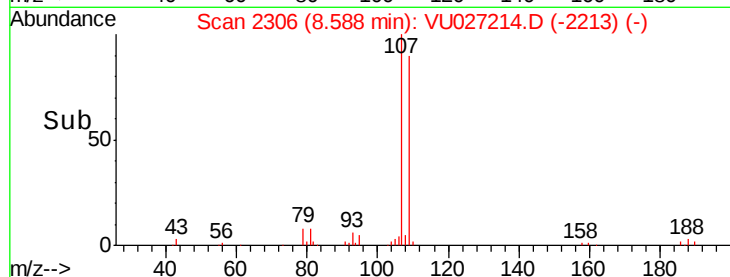
20000

10000

0

Time-->

8.50 8.55 8.60 8.65 8.70



#62

4-Bromofluorobenzene

Concen: 50.899 ug/l

RT: 10.31 min Scan# 2841

Delta R.T. 0.00 min

Lab File: VU027214.D

Acq: 27 Sep 2018 06:13

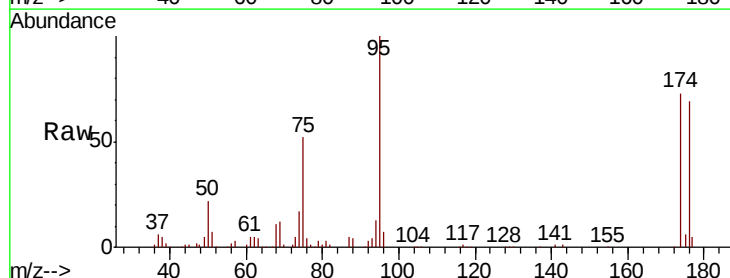
Tgt Ion: 95 Resp: 84497

Ion Ratio Lower Upper

95 100

174 73.6 0.0 150.2

176 69.8 0.0 145.2



Abundance Ion 94.90 (94.60 to 95.60): VU0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

10.31

60000

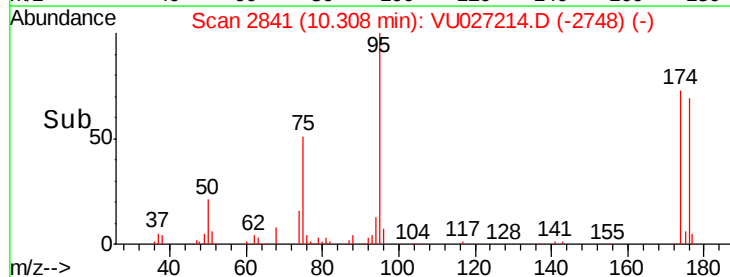
40000

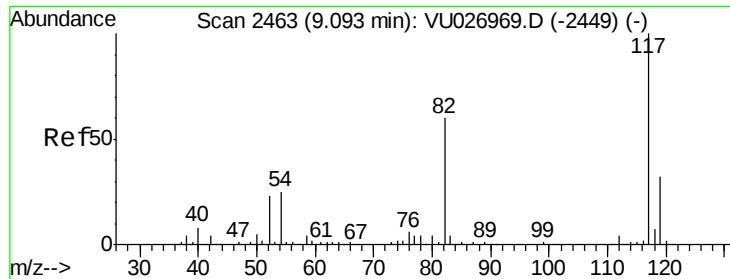
20000

0

Time-->

10.25 10.30 10.35 10.40

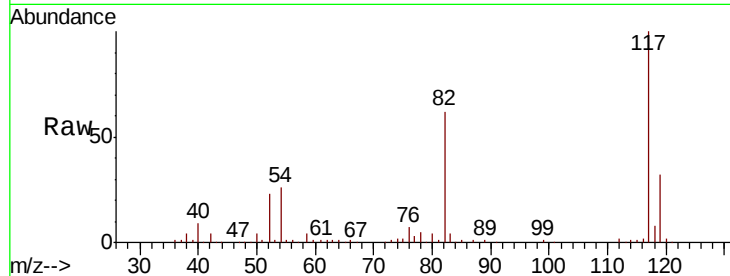




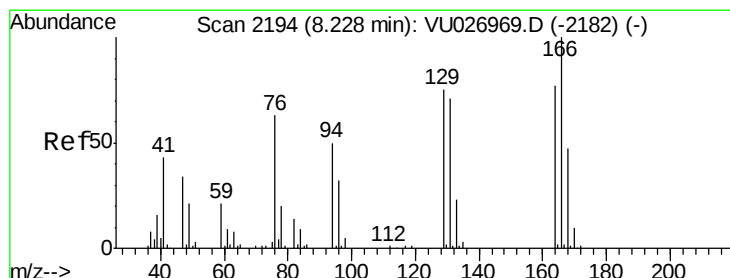
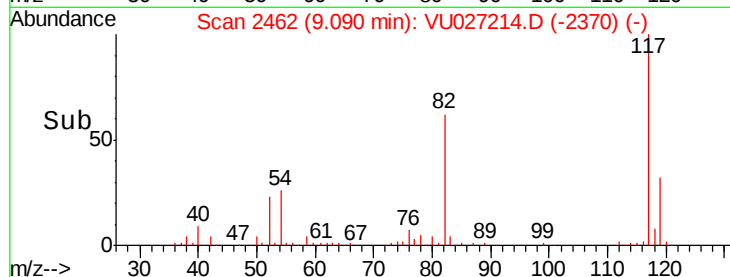
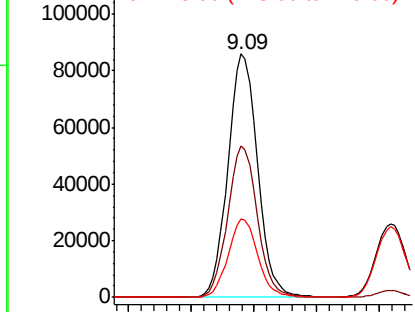
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.09 min Scan# 2462
Delta R.T. -0.00 min
Lab File: VU027214.D
Acq: 27 Sep 2018 06:13

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

Tgt Ion:117 Resp: 141238
Ion Ratio Lower Upper
117 100
82 62.3 48.0 72.0
119 32.1 25.8 38.8



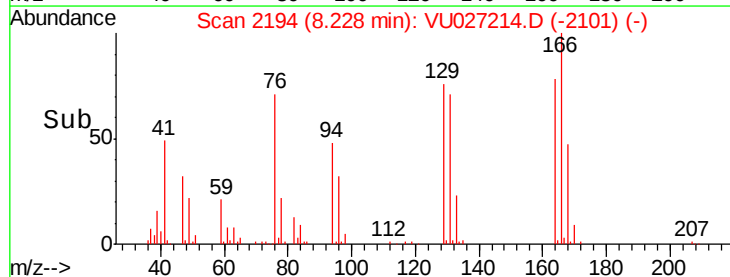
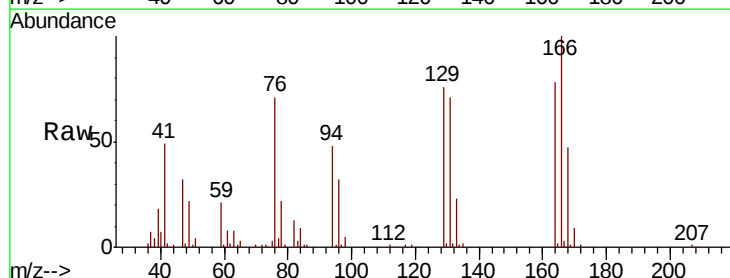
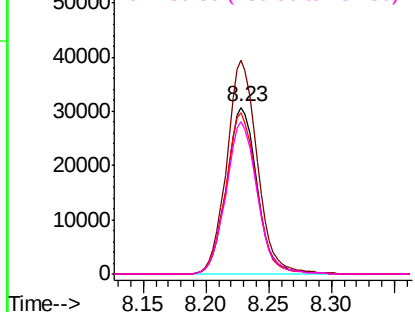
Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VU0
Ion 118.90 (118.60 to 119.60): V

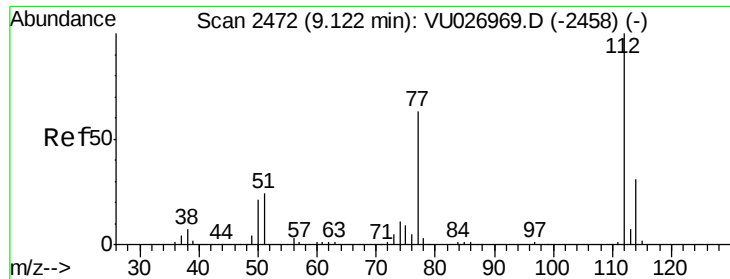


#64
Tetrachloroethene
Concen: 47.901 ug/l
RT: 8.23 min Scan# 2194
Delta R.T. 0.00 min
Lab File: VU027214.D
Acq: 27 Sep 2018 06:13

Tgt Ion:164 Resp: 52133
Ion Ratio Lower Upper
164 100
166 127.9 104.4 156.6
129 96.6 78.7 118.1
131 91.2 73.9 110.9

Abundance Ion 163.80 (163.50 to 164.50): V
Ion 165.80 (165.50 to 166.50): V
Ion 128.80 (128.50 to 129.50): V
Ion 130.80 (130.50 to 131.50): V

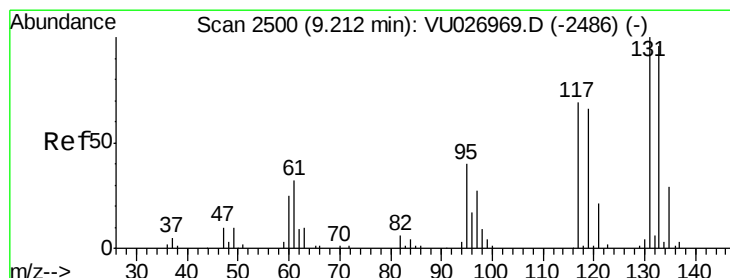
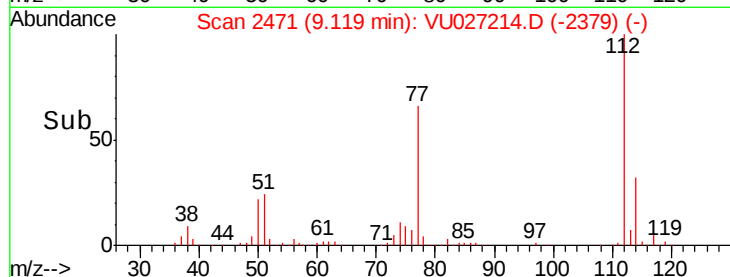
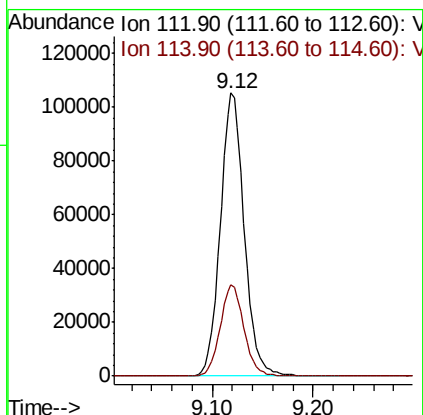
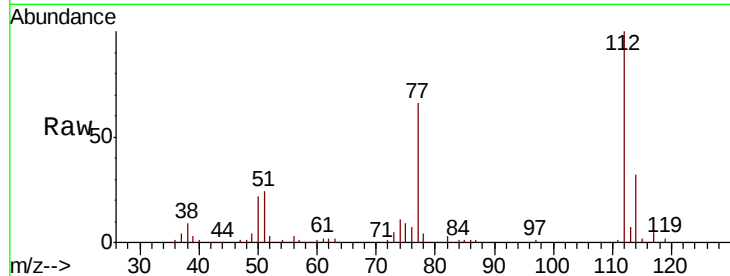




#65
Chlorobenzene
Concen: 46.460 ug/l
RT: 9.12 min Scan# 2471
Delta R.T. -0.00 min
Lab File: VU027214.D
Acq: 27 Sep 2018 06:13

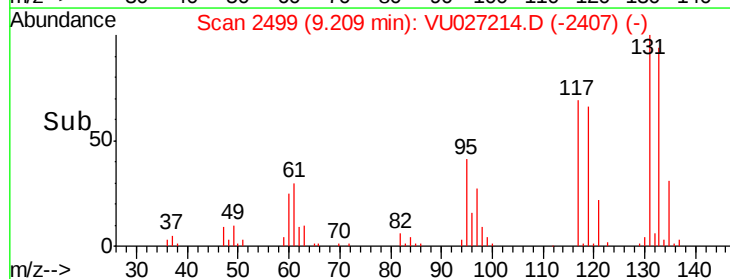
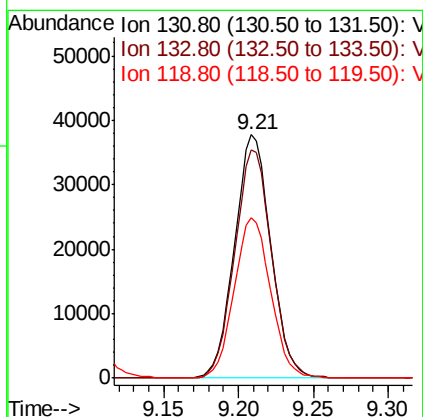
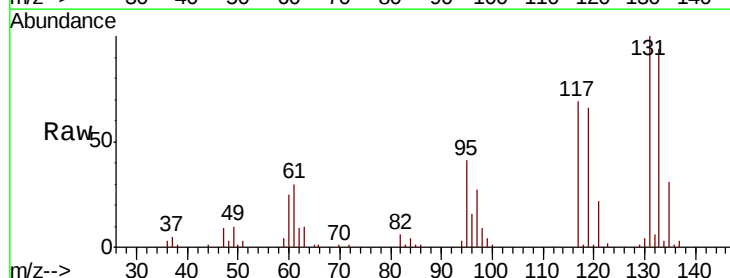
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

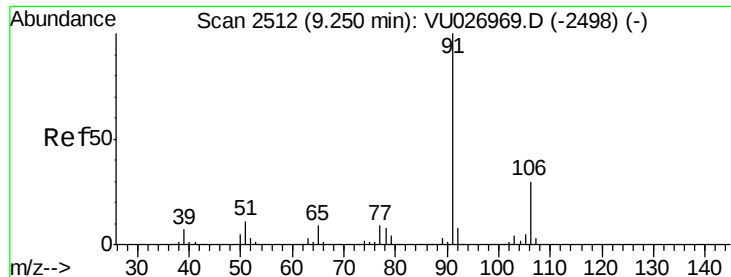
Tgt Ion:112 Resp: 173989
Ion Ratio Lower Upper
112 100
114 32.1 25.0 37.6



#66
1,1,1,2-Tetrachloroethane
Concen: 49.498 ug/l
RT: 9.21 min Scan# 2499
Delta R.T. -0.00 min
Lab File: VU027214.D
Acq: 27 Sep 2018 06:13

Tgt Ion:131 Resp: 63847
Ion Ratio Lower Upper
131 100
133 95.1 48.0 144.2
119 66.1 33.4 100.1





#67

Ethyl Benzene

Concen: 50.739 ug/l

RT: 9.25 min Scan# 2512

Delta R.T. 0.00 min

Lab File: VU027214.D

Acq: 27 Sep 2018 06:13

Instrument :

MSVOA_U

ClientSampleId :

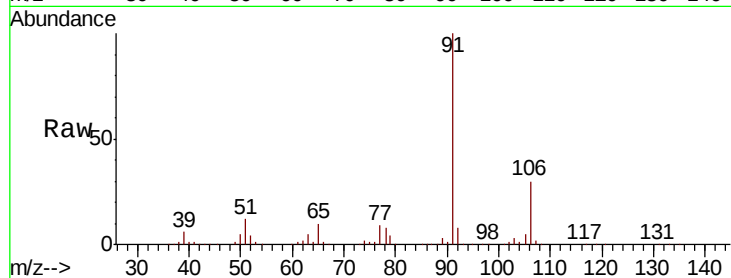
VSTDCCC050EC

Tgt Ion: 91 Resp: 312460

Ion Ratio Lower Upper

91 100

106 30.1 23.8 35.8



Abundance Ion 91.00 (90.70 to 91.70): VU026969.D (-2498) (-)

Ion 106.00 (105.70 to 106.70): VU026969.D (-2498) (-)

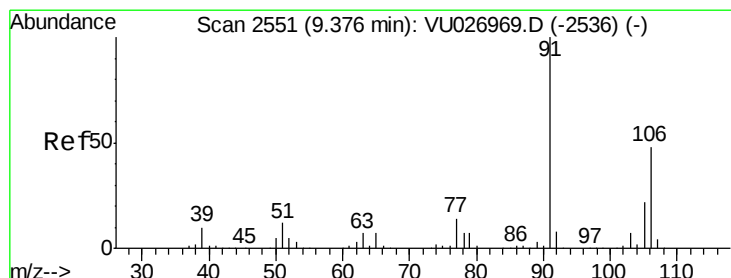
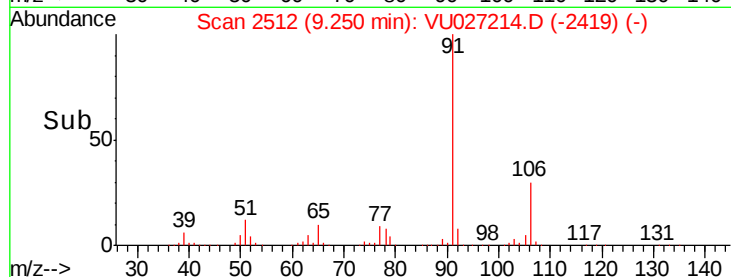
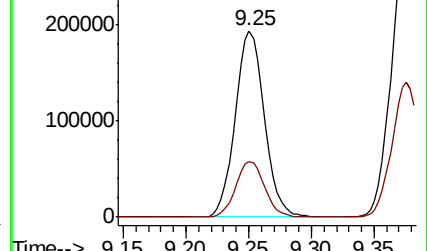
300000

200000

100000

0

9.15 9.20 9.25 9.30 9.35



#68

m/p-Xylenes

Concen: 92.243 ug/l

RT: 9.38 min Scan# 2551

Delta R.T. 0.00 min

Lab File: VU027214.D

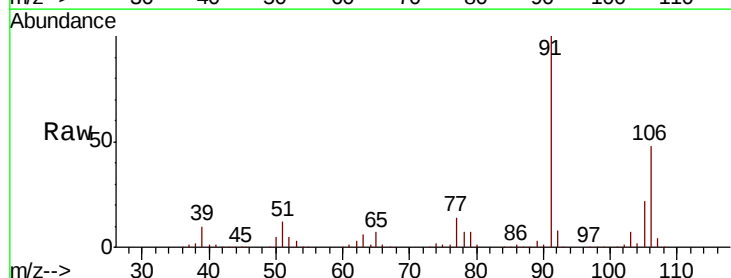
Acq: 27 Sep 2018 06:13

Tgt Ion: 106 Resp: 229755

Ion Ratio Lower Upper

106 100

91 209.5 166.5 249.7



Abundance Ion 106.00 (105.70 to 106.70): VU026969.D (-2536) (-)

Ion 91.00 (90.70 to 91.70): VU026969.D (-2536) (-)

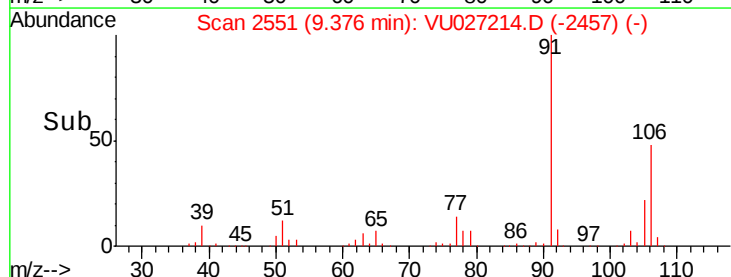
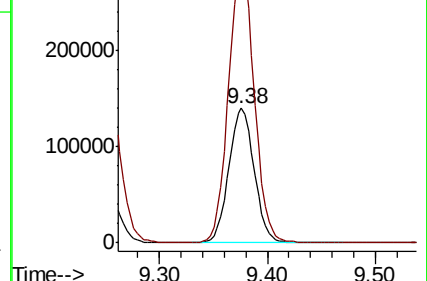
300000

200000

100000

0

9.30 9.40 9.50

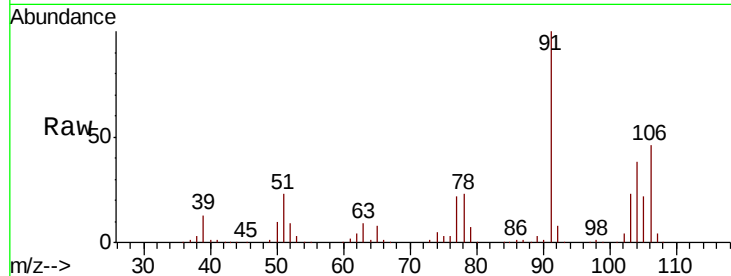




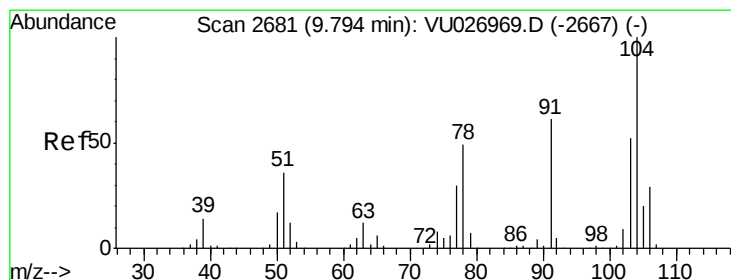
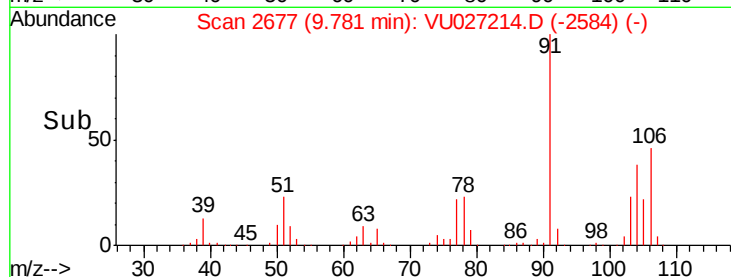
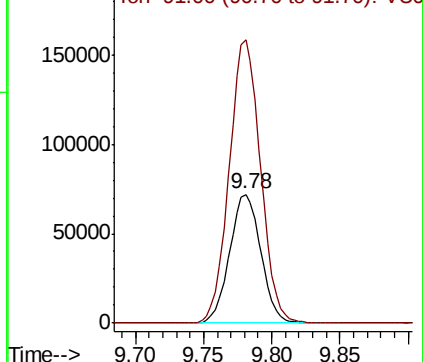
#69
o-Xylene
Concen: 52.359 ug/l
RT: 9.78 min Scan# 2677
Delta R.T. 0.00 min
Lab File: VU027214.D
Acq: 27 Sep 2018 06:13

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

Tgt Ion:106 Resp: 114242
Ion Ratio Lower Upper
106 100
91 220.8 110.2 330.6

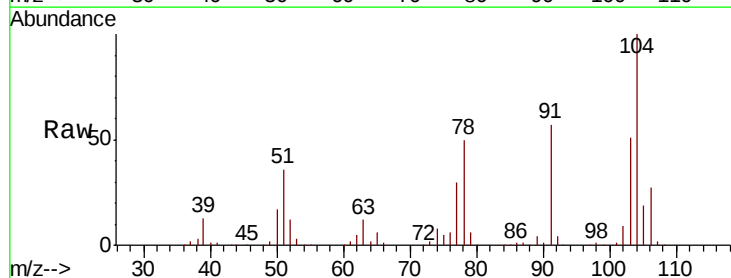


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VU0

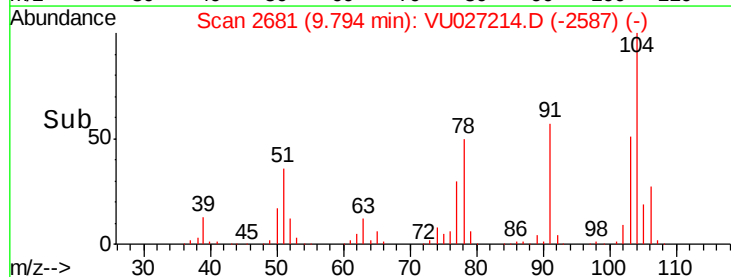
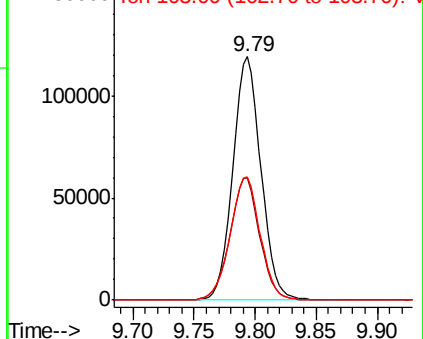


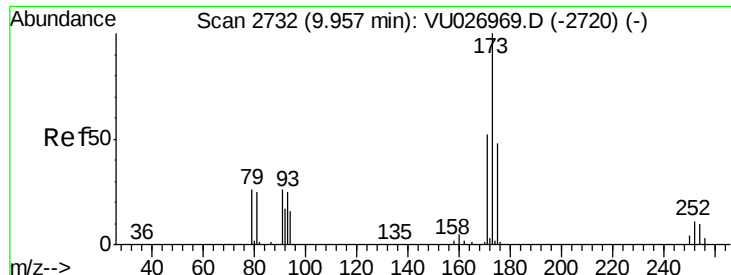
#70
Styrene
Concen: 46.996 ug/l
RT: 9.79 min Scan# 2681
Delta R.T. 0.00 min
Lab File: VU027214.D
Acq: 27 Sep 2018 06:13

Tgt Ion:104 Resp: 191003
Ion Ratio Lower Upper
104 100
78 53.2 43.0 64.4
103 54.1 44.1 66.1



Abundance Ion 104.00 (103.70 to 104.70): V
Ion 78.00 (77.70 to 78.70): VU0
Ion 103.00 (102.70 to 103.70): V





#71

Bromoform

Concen: 53.224 ug/l

RT: 9.96 min Scan# 2732

Delta R.T. 0.00 min

Lab File: VU027214.D

Acq: 27 Sep 2018 06:13

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050EC

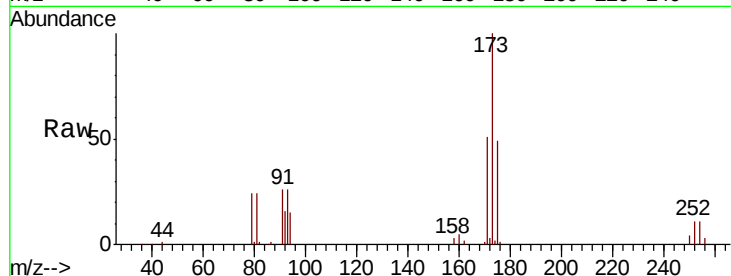
Tgt Ion:173 Resp: 53090

Ion Ratio Lower Upper

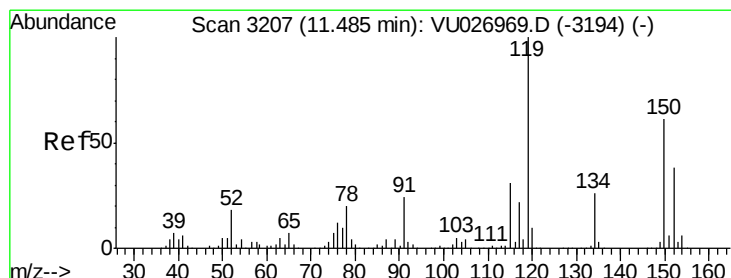
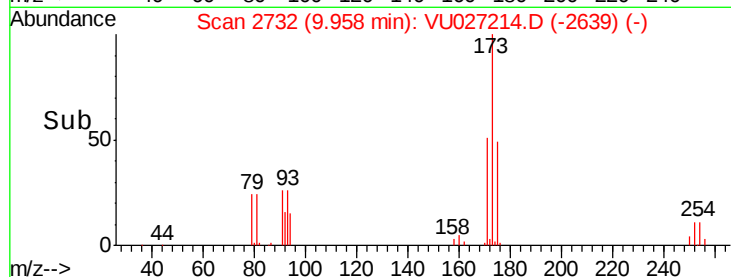
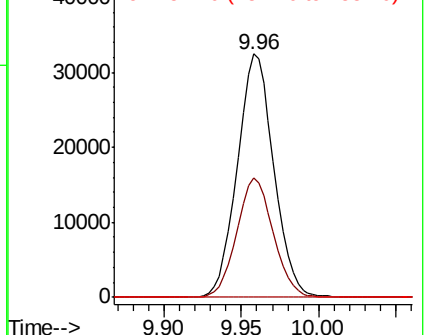
173 100

175 48.8 23.9 71.8

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: 11.49 min Scan# 3207

Delta R.T. 0.00 min

Lab File: VU027214.D

Acq: 27 Sep 2018 06:13

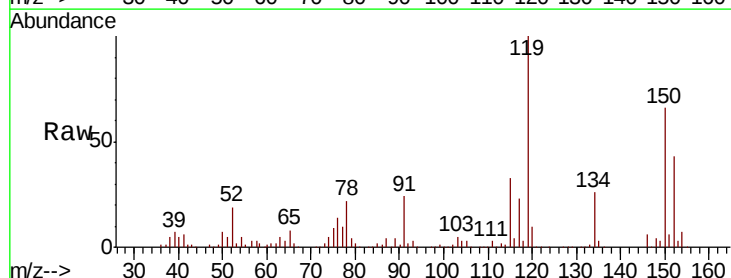
Tgt Ion:152 Resp: 76640

Ion Ratio Lower Upper

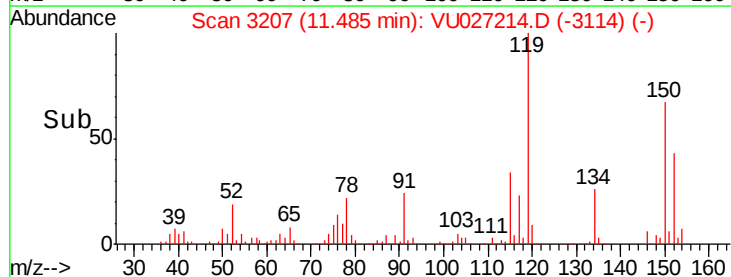
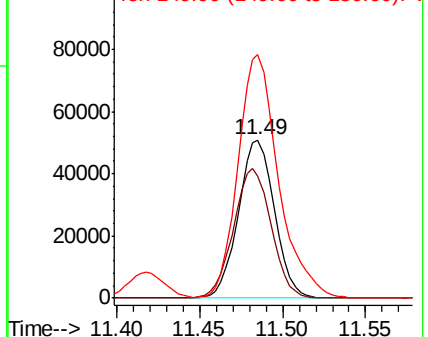
152 100

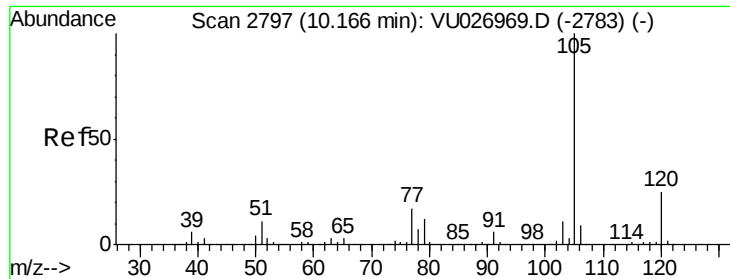
115 86.0 44.9 134.5

150 173.8 0.0 355.8



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: 52.246 ug/l

RT: 10.17 min Scan# 2797

Delta R.T. 0.00 min

Lab File: VU027214.D

Acq: 27 Sep 2018 06:13

Instrument :

MSVOA_U

ClientSampleId :

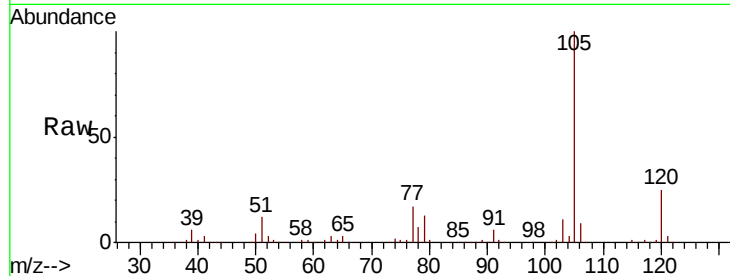
VSTDCCC050EC

Tgt Ion: 105 Resp: 304590

Ion Ratio Lower Upper

105 100

120 25.5 12.8 38.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

200000

150000

100000

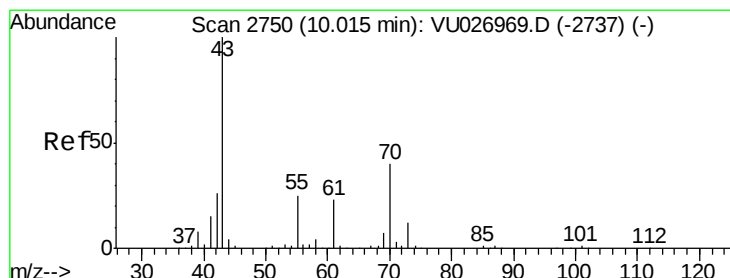
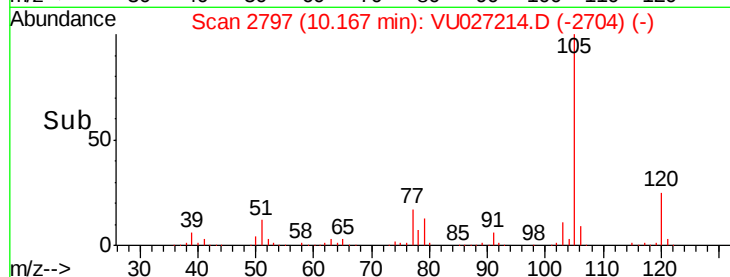
50000

0

10.10

10.20

Time-->



#74

N-ethyl acetate

Concen: 57.558 ug/l

RT: 10.01 min Scan# 2749

Delta R.T. -0.00 min

Lab File: VU027214.D

Acq: 27 Sep 2018 06:13

Tgt Ion: 43 Resp: 194236

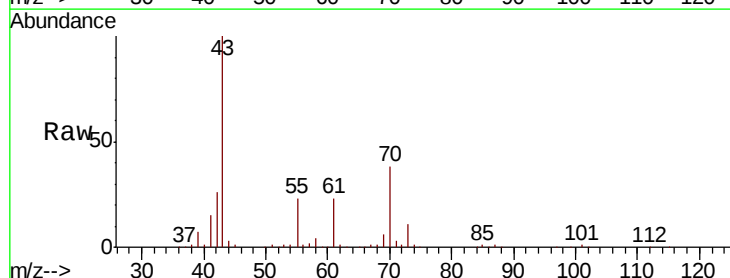
Ion Ratio Lower Upper

43 100

70 38.4 31.8 47.8

55 23.5 19.9 29.9

61 22.9 18.4 27.6



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

200000

150000

100000

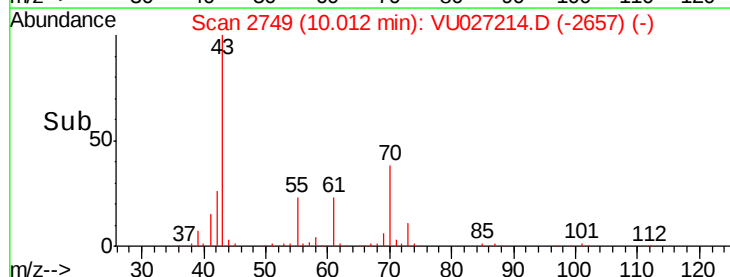
50000

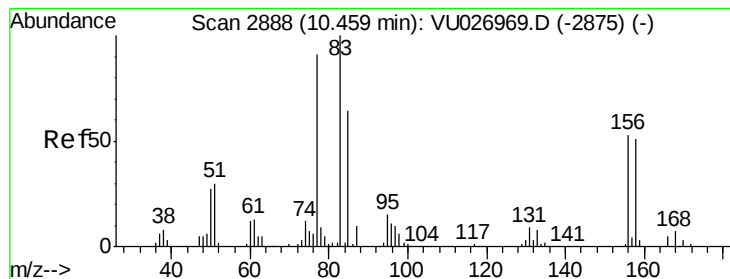
0

10.00

10.10

Time-->





#75

1,1,2,2-Tetrachloroethane

Concen: 46.583 ug/l

RT: 10.46 min Scan# 2888

Delta R.T. 0.00 min

Lab File: VU027214.D

Acq: 27 Sep 2018 06:13

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050EC

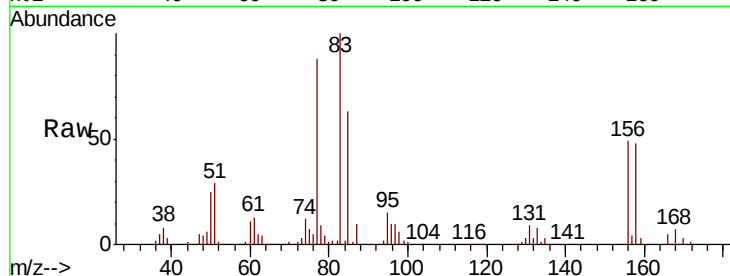
Tgt Ion: 83 Resp: 124863

Ion Ratio Lower Upper

83 100

131 8.6 4.3 12.8

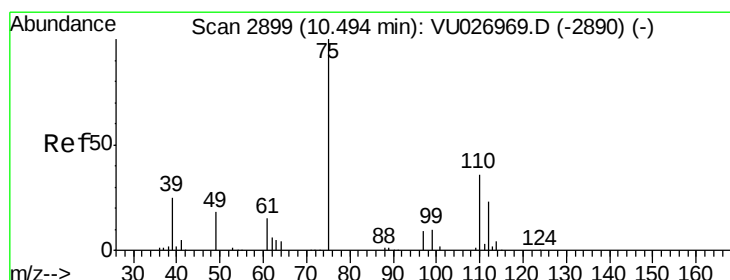
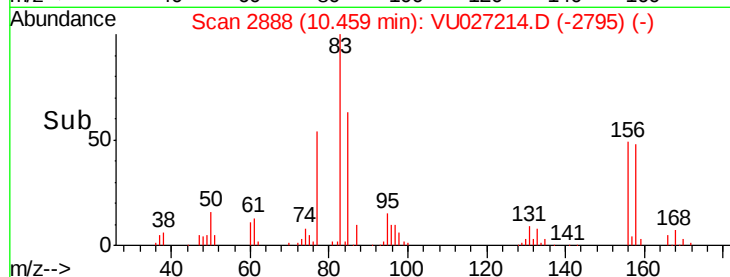
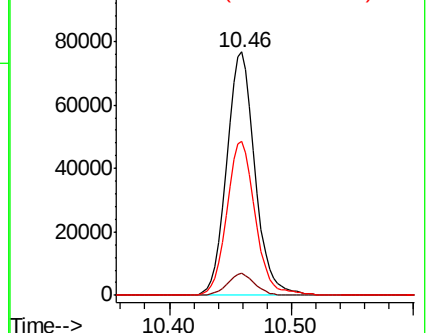
85 63.9 31.9 95.7



Abundance Ion 82.90 (82.60 to 83.60): VU027214.D (-2795) (-)

Ion 130.80 (130.50 to 131.50): VU027214.D (-2795) (-)

Ion 84.90 (84.60 to 85.60): VU027214.D (-2795) (-)



#76

1,2,3-Trichloropropane

Concen: 60.658 ug/l

RT: 10.49 min Scan# 2899

Delta R.T. 0.00 min

Lab File: VU027214.D

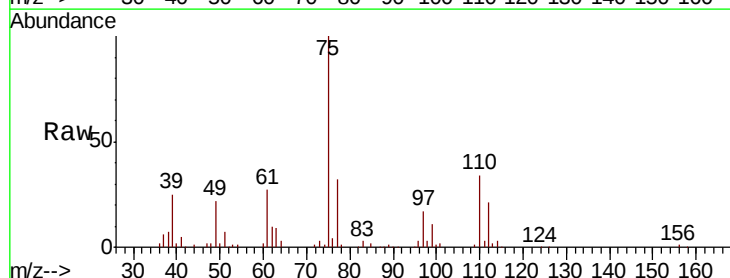
Acq: 27 Sep 2018 06:13

Tgt Ion: 75 Resp: 141231

Ion Ratio Lower Upper

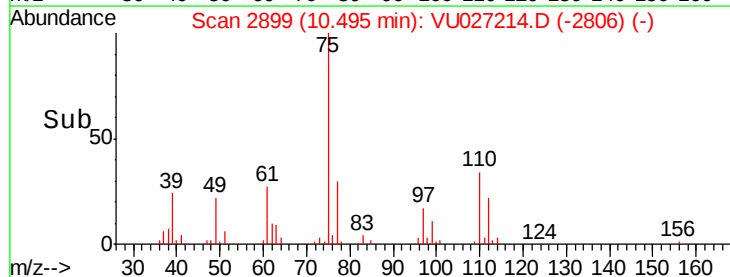
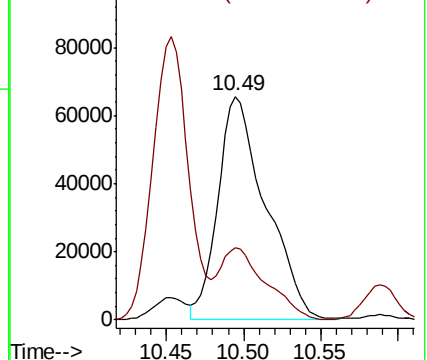
75 100

77 31.3 20.9 62.8



Abundance Ion 74.90 (74.60 to 75.60): VU027214.D (-2806) (-)

Ion 77.00 (76.70 to 77.70): VU027214.D (-2806) (-)





#77

Bromobenzene

Concen: 49.466 ug/l

RT: 10.45 min Scan# 2886

Delta R.T. 0.00 min

Lab File: VU027214.D

Acq: 27 Sep 2018 06:13

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050EC

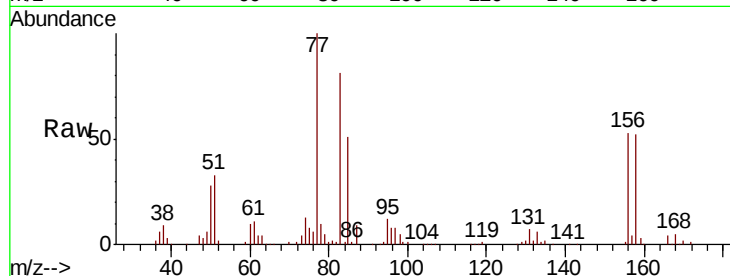
Tgt Ion:156 Resp: 70472

Ion Ratio Lower Upper

156 100

77 190.2 92.3 276.9

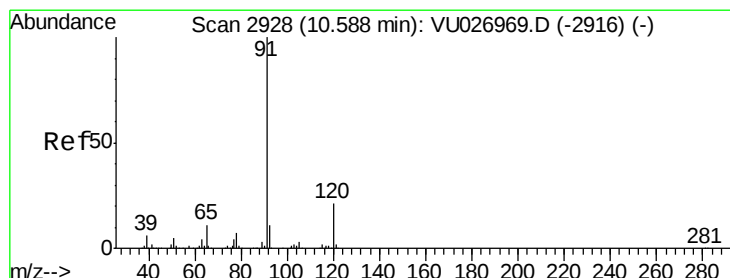
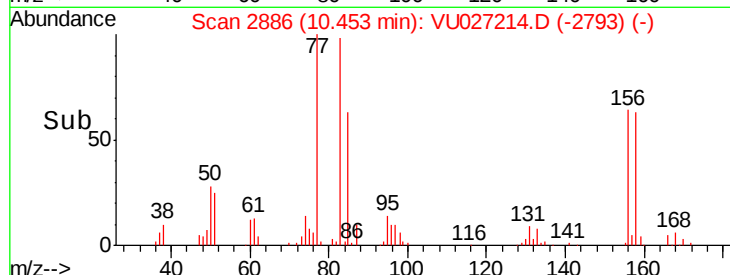
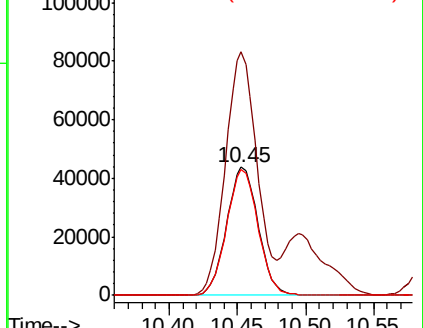
158 98.1 48.1 144.3



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: 52.614 ug/l

RT: 10.59 min Scan# 2928

Delta R.T. 0.00 min

Lab File: VU027214.D

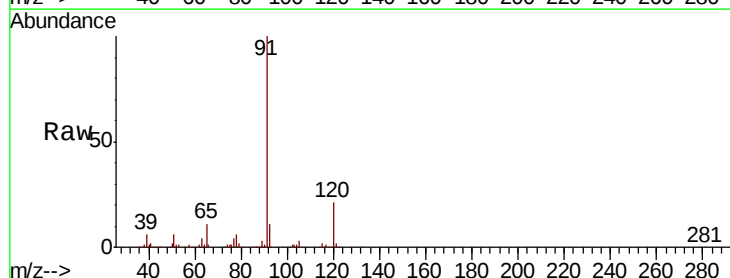
Acq: 27 Sep 2018 06:13

Tgt Ion: 91 Resp: 362938

Ion Ratio Lower Upper

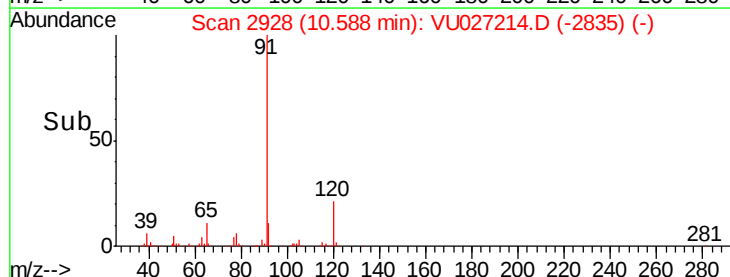
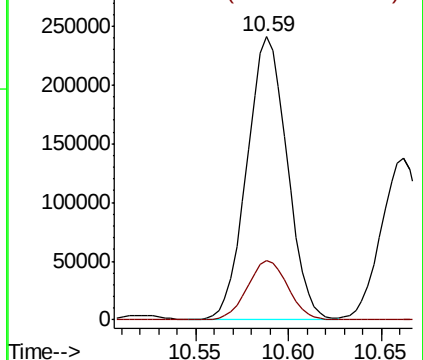
91 100

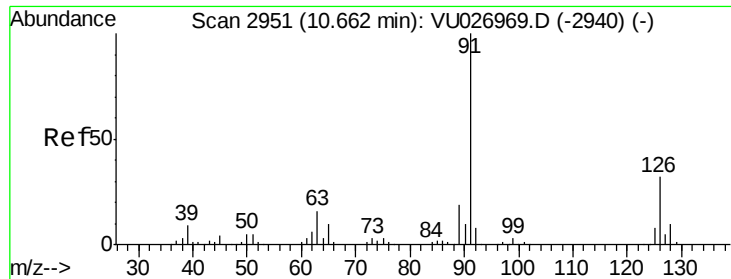
120 21.0 10.6 31.8



Abundance Ion 91.00 (90.70 to 91.70): VU0

Ion 120.00 (119.70 to 120.70): V

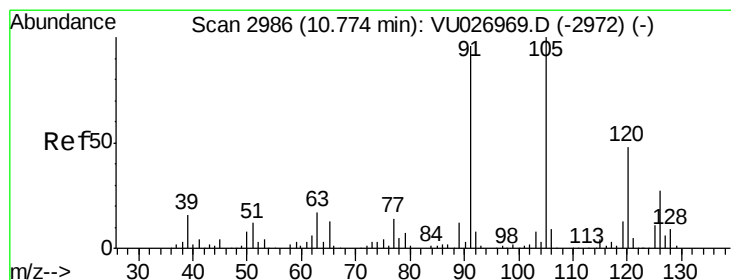
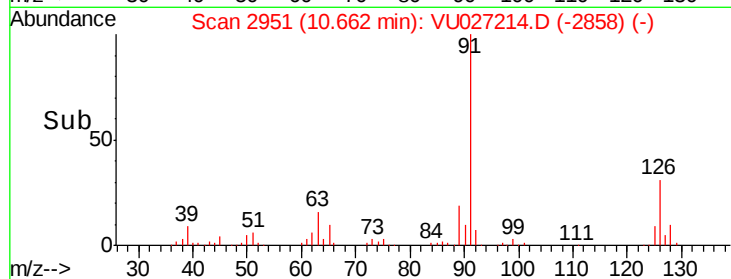
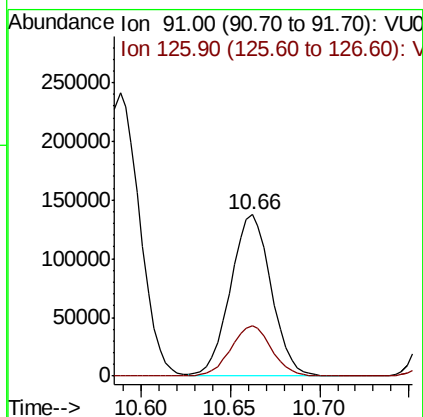
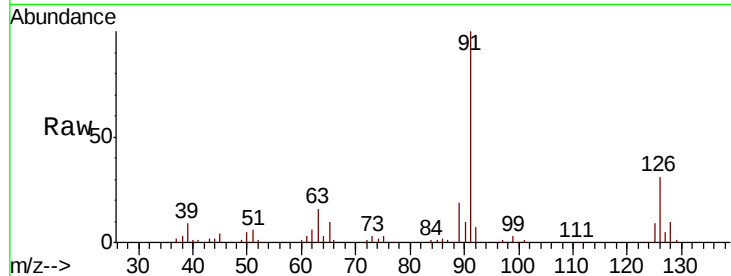




#79
 2-Chlorotoluene
 Concen: 50.170 ug/l
 RT: 10.66 min Scan# 2951
 Delta R.T. 0.00 min
 Lab File: VU027214.D
 Acq: 27 Sep 2018 06:13

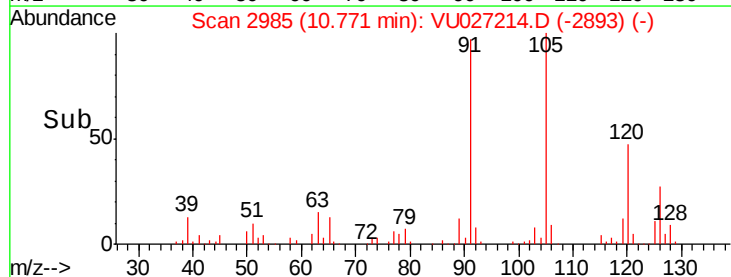
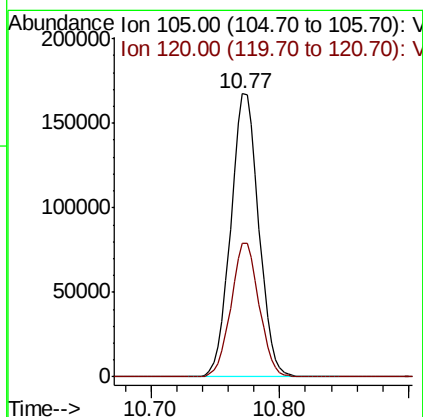
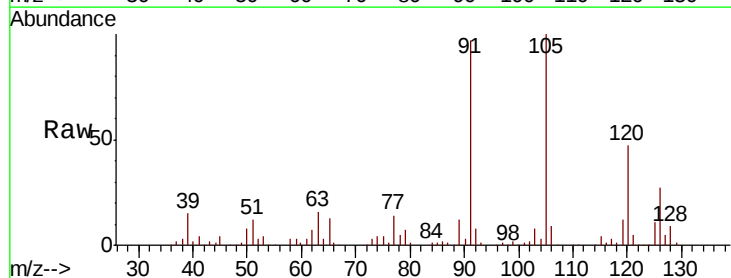
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050EC

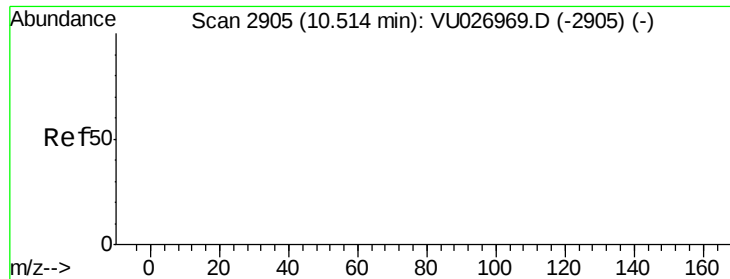
Tgt Ion: 91 Resp: 217384
 Ion Ratio Lower Upper
 91 100
 126 31.4 15.8 47.3



#80
 1,3,5-Trimethylbenzene
 Concen: 52.406 ug/l
 RT: 10.77 min Scan# 2985
 Delta R.T. -0.00 min
 Lab File: VU027214.D
 Acq: 27 Sep 2018 06:13

Tgt Ion: 105 Resp: 252204
 Ion Ratio Lower Upper
 105 100
 120 47.4 23.9 71.7

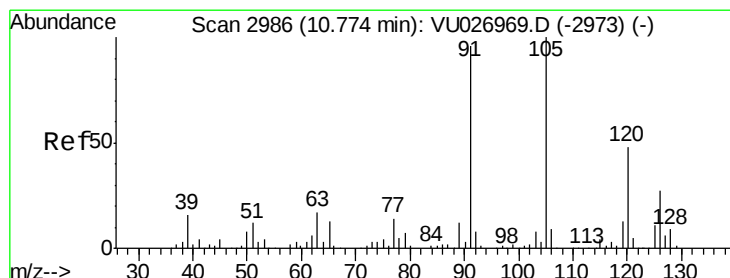
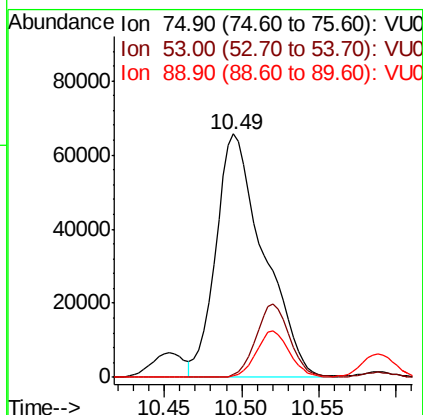
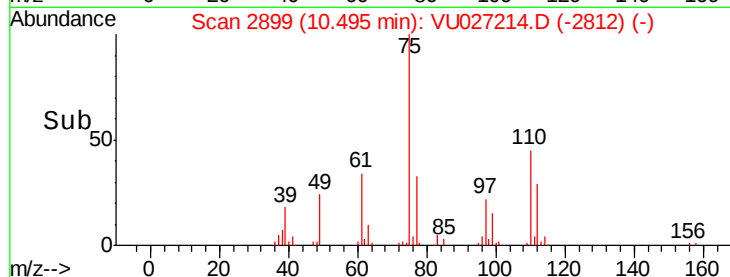
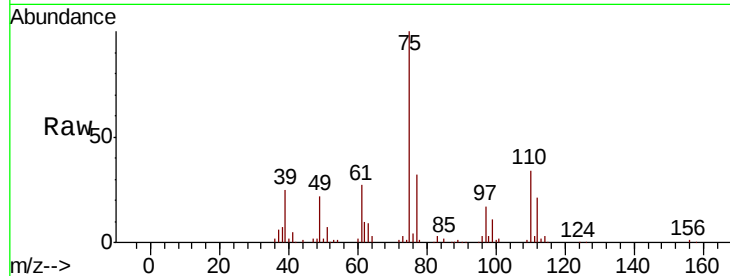




#81
trans-1,4-Dichloro-2-butene
Concen: 194.117 ug/l
RT: 10.49 min Scan# 2899
Delta R.T. -0.02 min
Lab File: VU027214.D
Acq: 27 Sep 2018 06:13

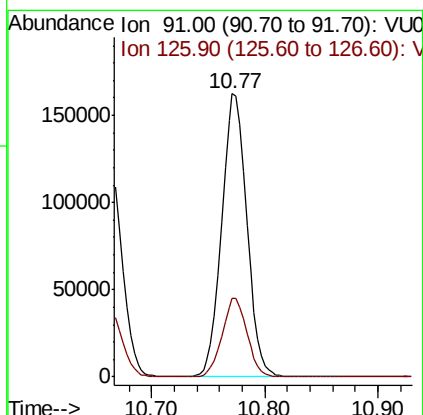
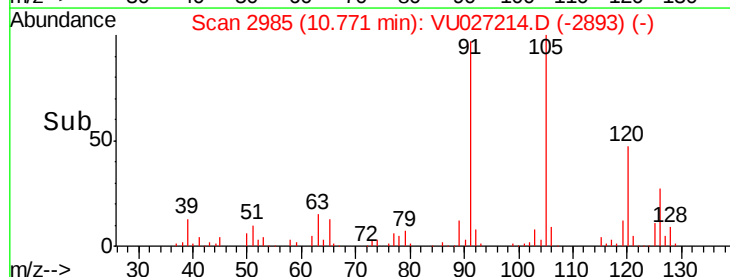
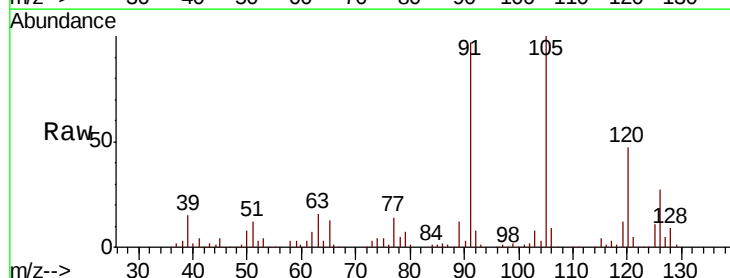
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 75 Resp: 141231
Ion Ratio Lower Upper
75 100
53 0.0 0.0 0.0
89 0.0 0.0 0.0



#82
4-Chlorotoluene
Concen: 51.614 ug/l
RT: 10.77 min Scan# 2985
Delta R.T. -0.00 min
Lab File: VU027214.D
Acq: 27 Sep 2018 06:13

Tgt Ion: 91 Resp: 250765
Ion Ratio Lower Upper
91 100
126 27.6 14.1 42.2

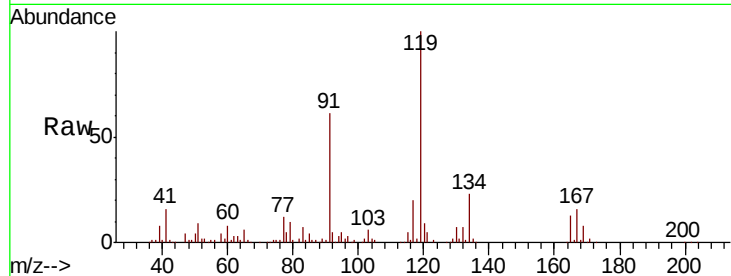




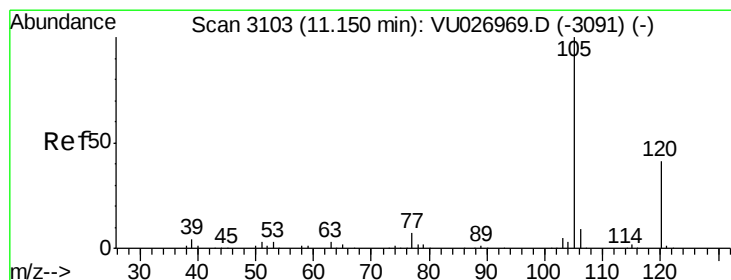
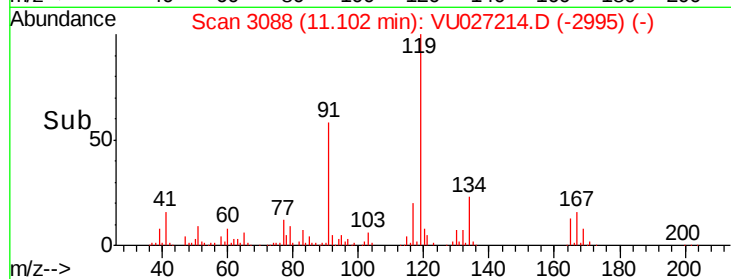
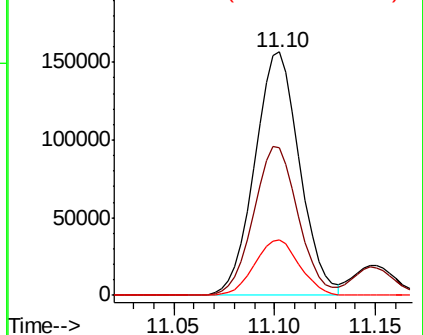
#83
 tert-Butylbenzene
 Concen: 51.150 ug/l
 RT: 11.10 min Scan# 3088
 Delta R.T. 0.00 min
 Lab File: VU027214.D
 Acq: 27 Sep 2018 06:13

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion:119 Resp: 243365
 Ion Ratio Lower Upper
 119 100
 91 60.7 29.8 89.4
 134 22.8 11.5 34.4

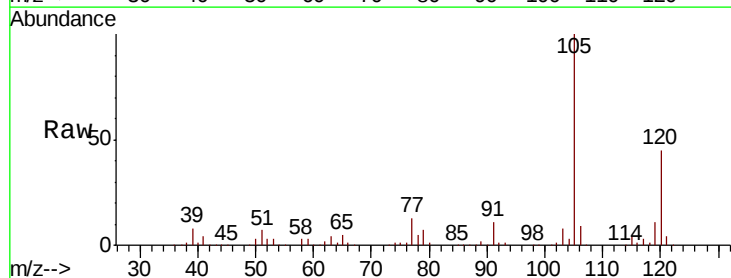


Abundance Ion 119.00 (118.70 to 119.70): V
 Ion 91.00 (90.70 to 91.70): VU0
 Ion 134.00 (133.70 to 134.70): V

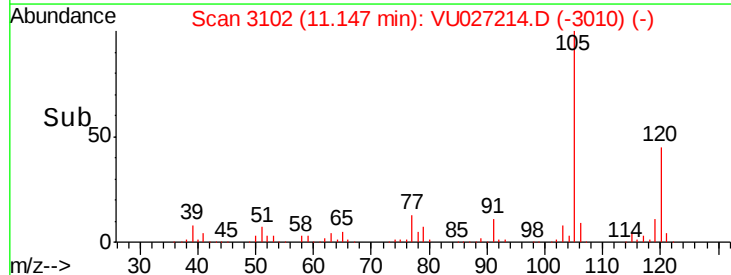
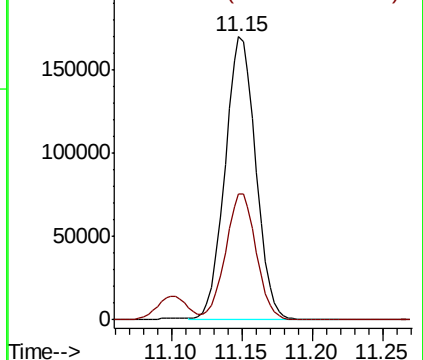


#84
 1,2,4-Trimethylbenzene
 Concen: 52.565 ug/l
 RT: 11.15 min Scan# 3102
 Delta R.T. -0.00 min
 Lab File: VU027214.D
 Acq: 27 Sep 2018 06:13

Tgt Ion:105 Resp: 257440
 Ion Ratio Lower Upper
 105 100
 120 44.4 22.4 67.2



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

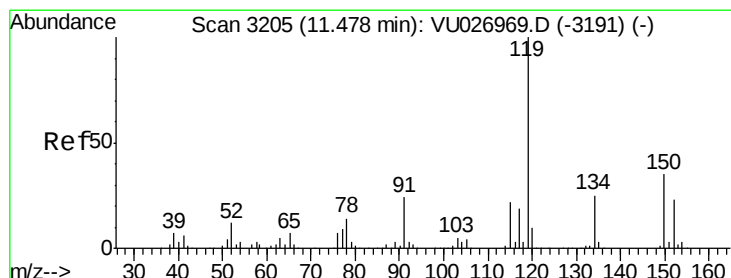
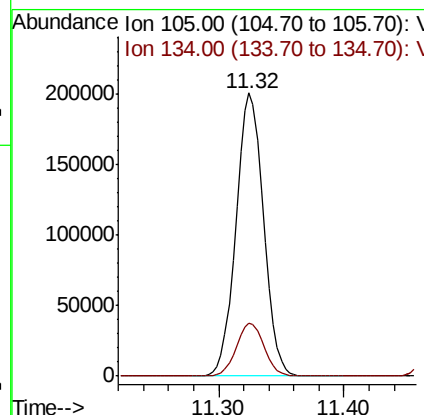
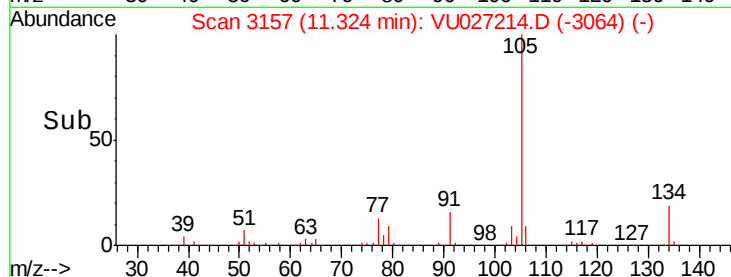
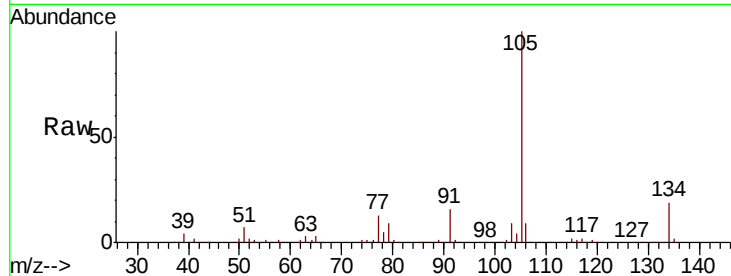




#85
 sec-Butylbenzene
 Concen: 52.544 ug/l
 RT: 11.32 min Scan# 3157
 Delta R.T. 0.00 min
 Lab File: VU027214.D
 Acq: 27 Sep 2018 06:13

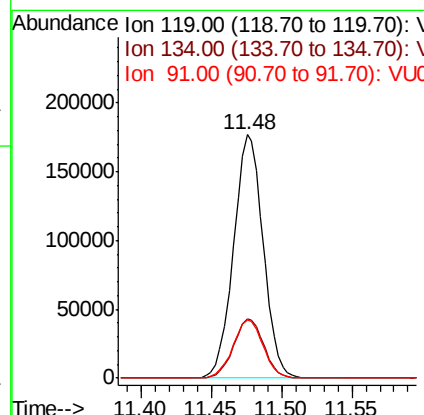
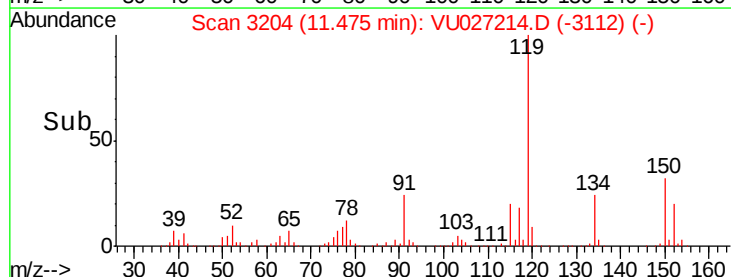
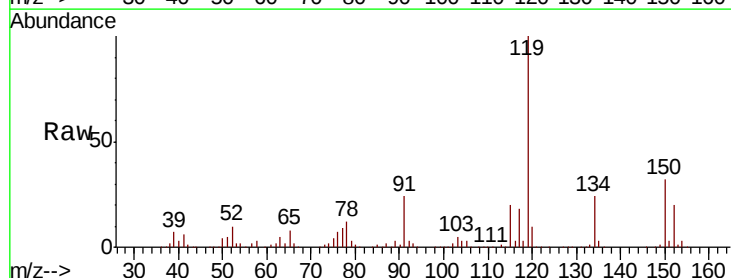
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion:105 Resp: 305174
 Ion Ratio Lower Upper
 105 100
 134 18.9 9.4 28.2



#86
 p-Isopropyltoluene
 Concen: 47.654 ug/l
 RT: 11.48 min Scan# 3204
 Delta R.T. -0.00 min
 Lab File: VU027214.D
 Acq: 27 Sep 2018 06:13

Tgt Ion:119 Resp: 259460
 Ion Ratio Lower Upper
 119 100
 134 24.9 12.8 38.3
 91 24.5 12.3 36.8

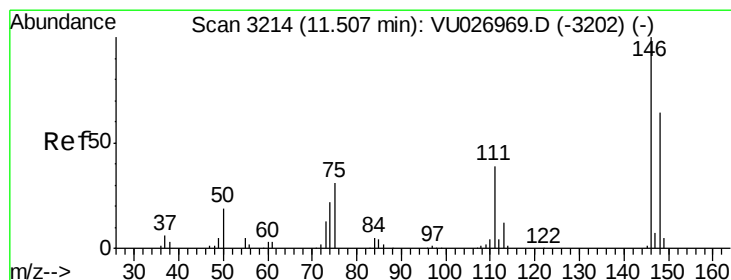
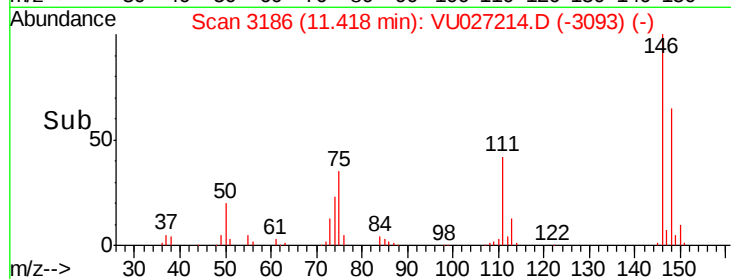
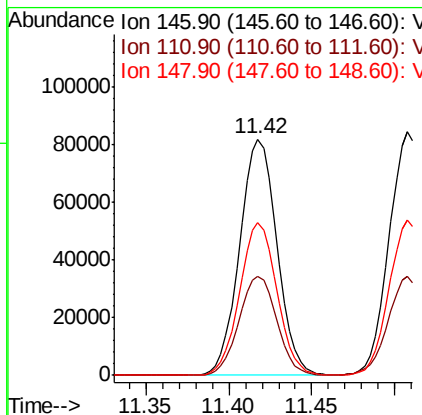
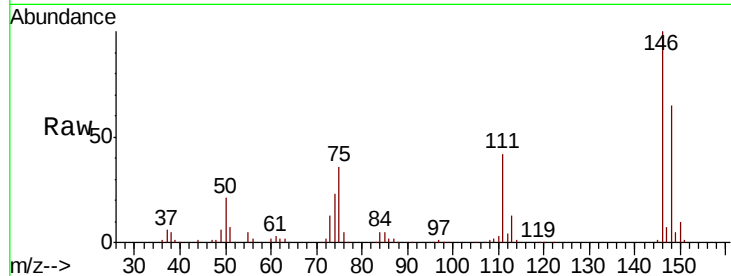




#87
 1,3-Dichlorobenzene
 Concen: 48.577 ug/l
 RT: 11.42 min Scan# 3186
 Delta R.T. 0.00 min
 Lab File: VU027214.D
 Acq: 27 Sep 2018 06:13

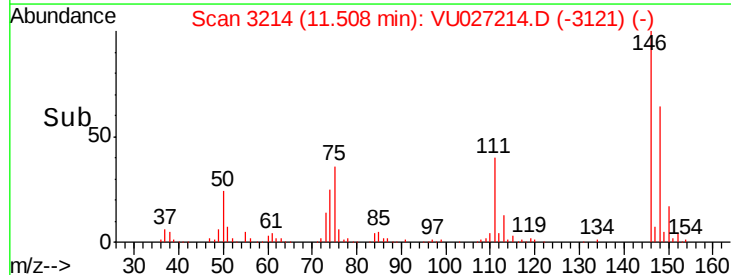
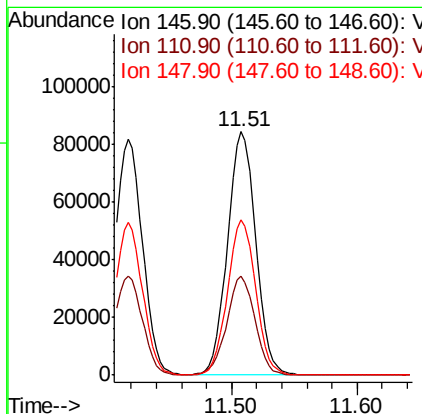
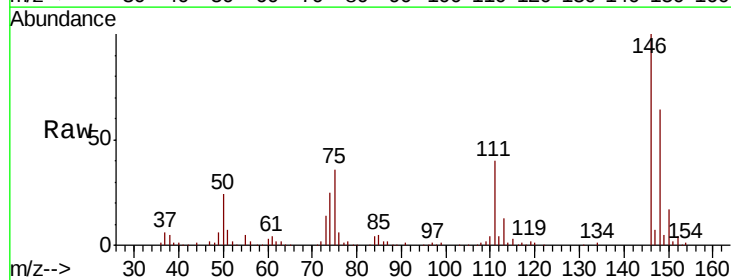
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050EC

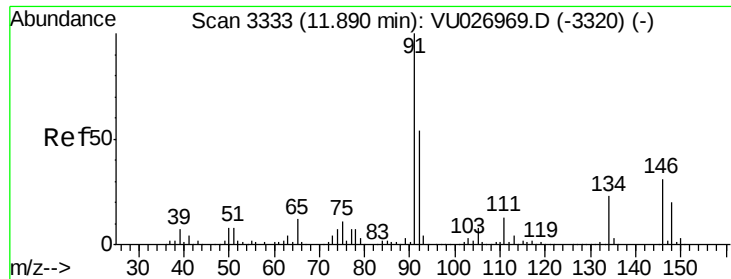
Tgt Ion:146 Resp: 128783
 Ion Ratio Lower Upper
 146 100
 111 42.4 20.8 62.2
 148 64.4 32.0 96.2



#88
 1,4-Dichlorobenzene
 Concen: 45.753 ug/l
 RT: 11.51 min Scan# 3214
 Delta R.T. 0.00 min
 Lab File: VU027214.D
 Acq: 27 Sep 2018 06:13

Tgt Ion:146 Resp: 132198
 Ion Ratio Lower Upper
 146 100
 111 40.6 20.3 60.9
 148 63.3 31.9 95.9

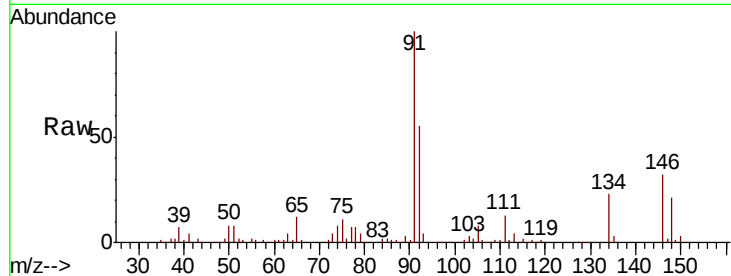




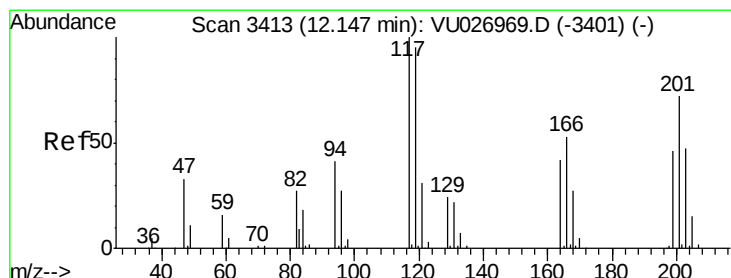
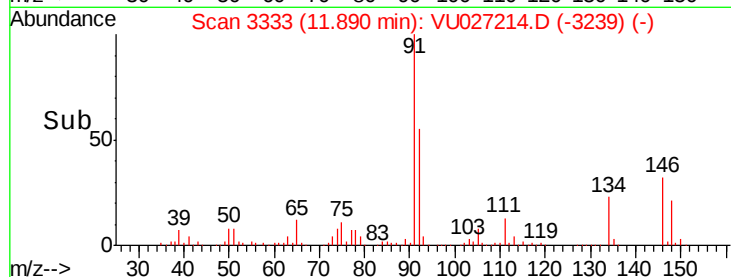
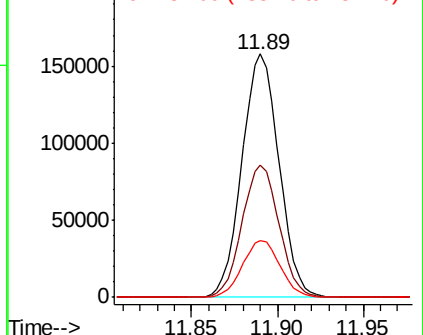
#89
n-Butylbenzene
Concen: 44.978 ug/l
RT: 11.89 min Scan# 3333
Delta R.T. 0.00 min
Lab File: VU027214.D
Acq: 27 Sep 2018 06:13

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 91 Resp: 236284
Ion Ratio Lower Upper
91 100
92 54.2 27.1 81.2
134 23.6 11.7 35.0

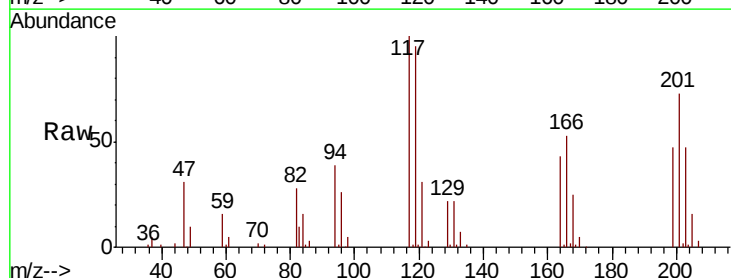


Abundance Ion 91.00 (90.70 to 91.70): VU0
Ion 92.00 (91.70 to 92.70): VU0
Ion 134.00 (133.70 to 134.70): V

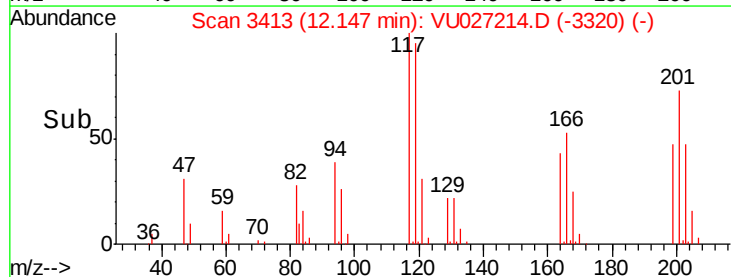
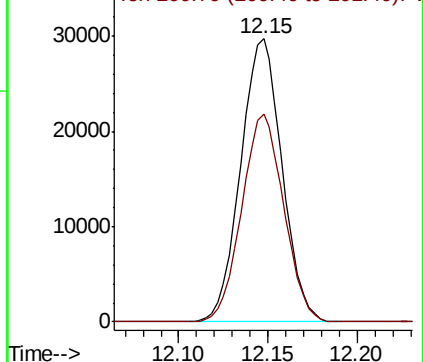


#90
Hexachloroethane
Concen: 45.622 ug/l
RT: 12.15 min Scan# 3413
Delta R.T. 0.00 min
Lab File: VU027214.D
Acq: 27 Sep 2018 06:13

Tgt Ion: 117 Resp: 48184
Ion Ratio Lower Upper
117 100
201 74.3 36.8 110.3



Abundance Ion 116.80 (116.50 to 117.50): V
Ion 200.70 (200.40 to 201.40): V

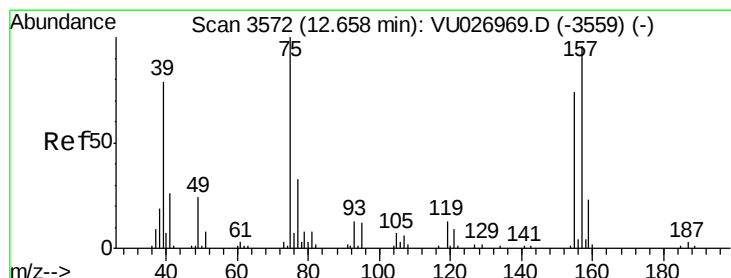
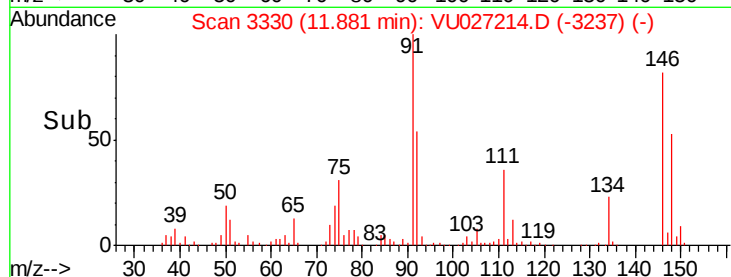
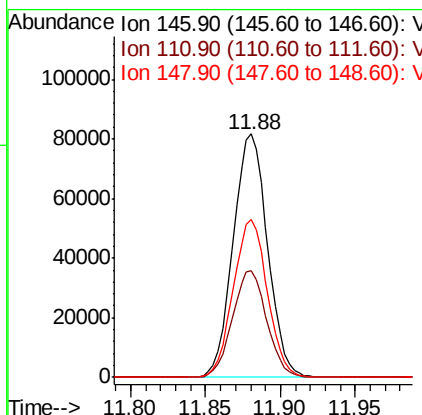
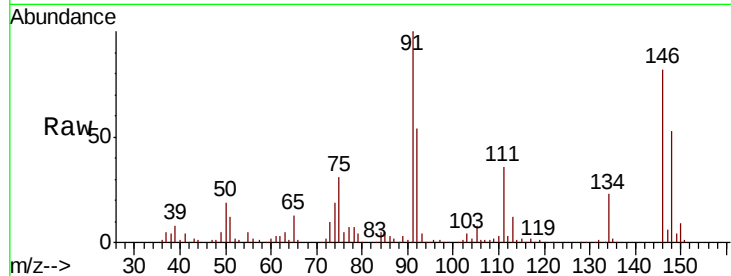




#91
 1,2-Dichlorobenzene
 Concen: 46.400 ug/l
 RT: 11.88 min Scan# 3330
 Delta R.T. 0.00 min
 Lab File: VU027214.D
 Acq: 27 Sep 2018 06:13

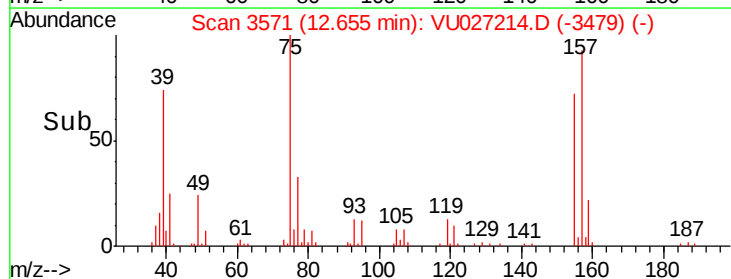
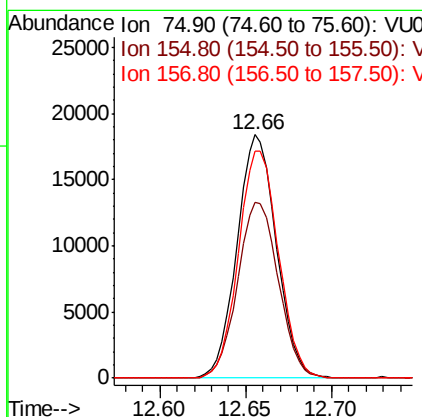
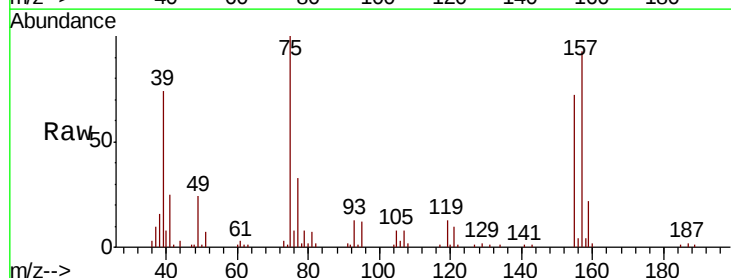
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion: 146 Resp: 130667
 Ion Ratio Lower Upper
 146 100
 111 43.5 21.8 65.3
 148 64.5 31.9 95.7



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 53.475 ug/l
 RT: 12.66 min Scan# 3571
 Delta R.T. -0.00 min
 Lab File: VU027214.D
 Acq: 27 Sep 2018 06:13

Tgt Ion: 75 Resp: 29241
 Ion Ratio Lower Upper
 75 100
 155 74.7 36.6 109.8
 157 94.7 47.4 142.2

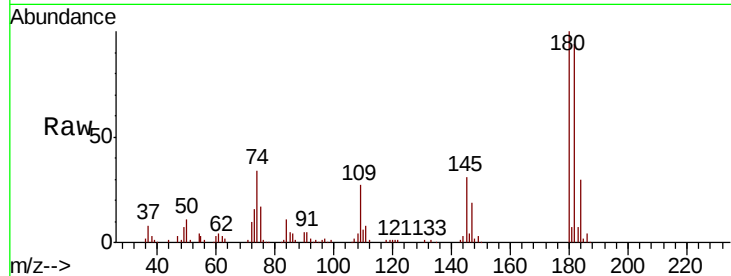




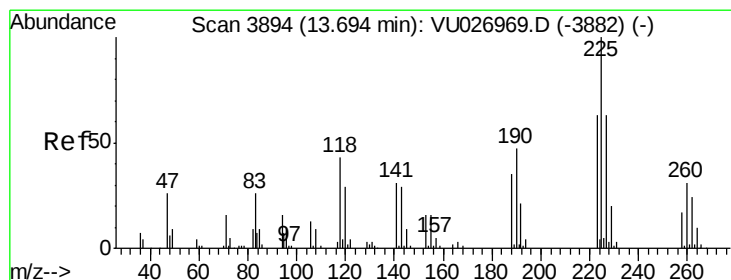
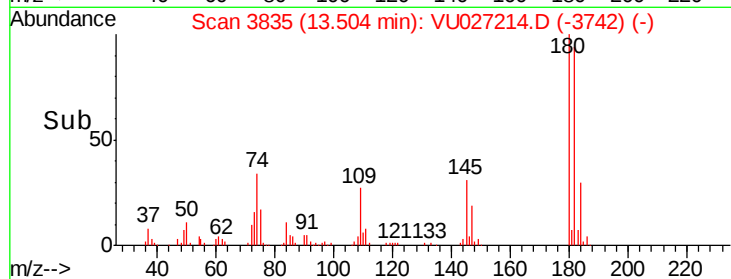
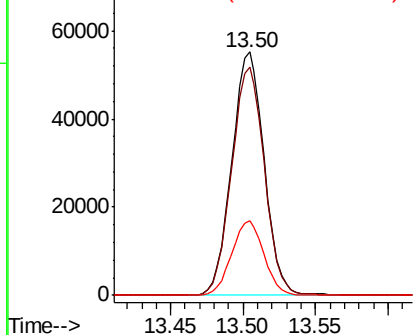
#93
 1,2,4-Trichlorobenzene
 Concen: 52.645 ug/l
 RT: 13.50 min Scan# 3835
 Delta R.T. 0.00 min
 Lab File: VU027214.D
 Acq: 27 Sep 2018 06:13

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion:180 Resp: 85434
 Ion Ratio Lower Upper
 180 100
 182 95.2 47.4 142.2
 145 30.3 14.9 44.5

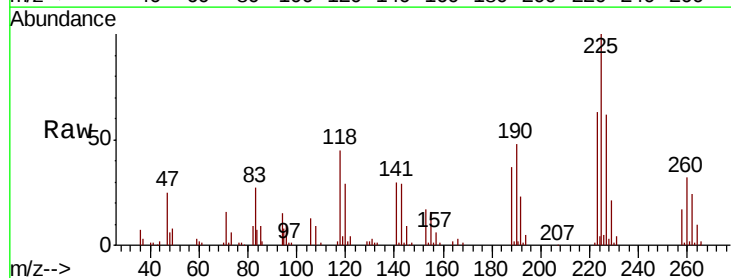


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

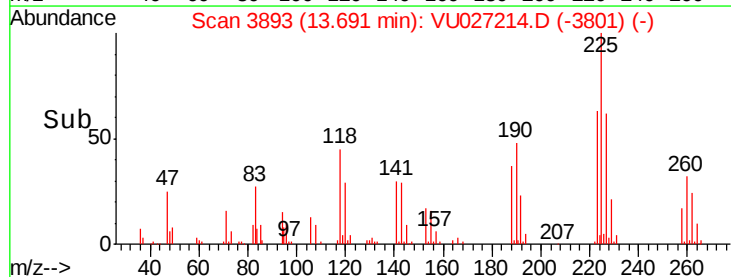
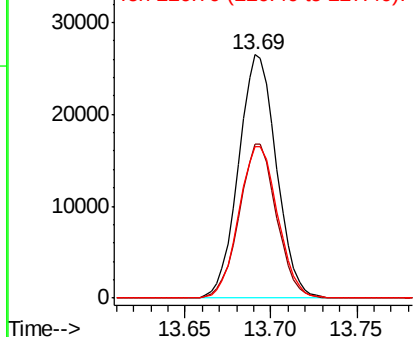


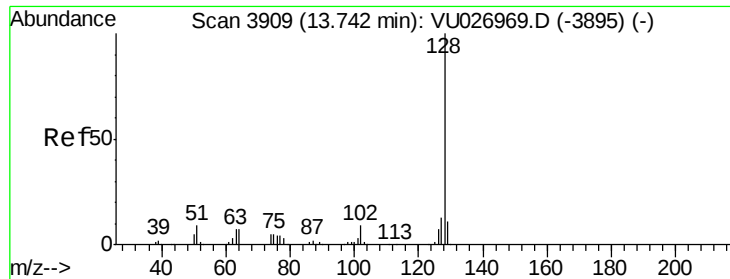
#94
 Hexachlorobutadiene
 Concen: 47.272 ug/l
 RT: 13.69 min Scan# 3893
 Delta R.T. -0.00 min
 Lab File: VU027214.D
 Acq: 27 Sep 2018 06:13

Tgt Ion:225 Resp: 40591
 Ion Ratio Lower Upper
 225 100
 223 62.0 31.9 95.7
 227 63.8 32.1 96.5



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

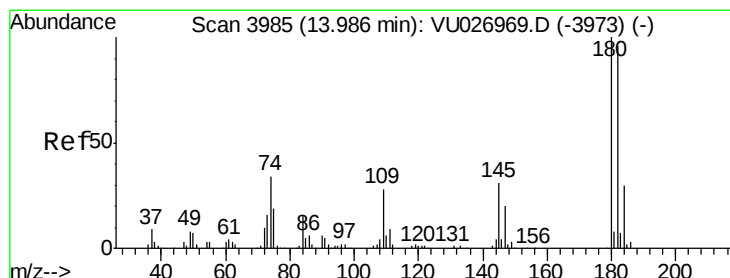
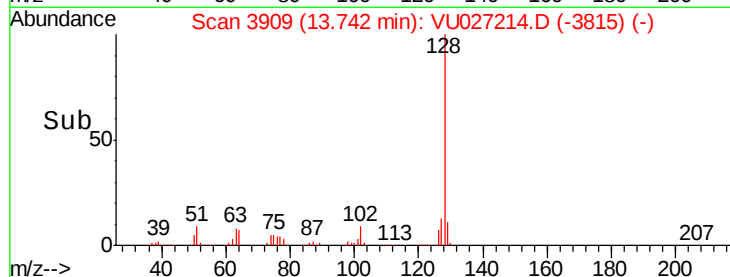
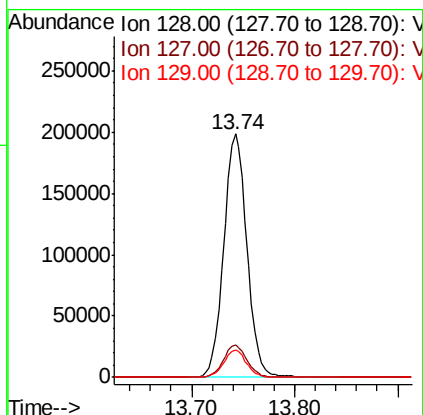
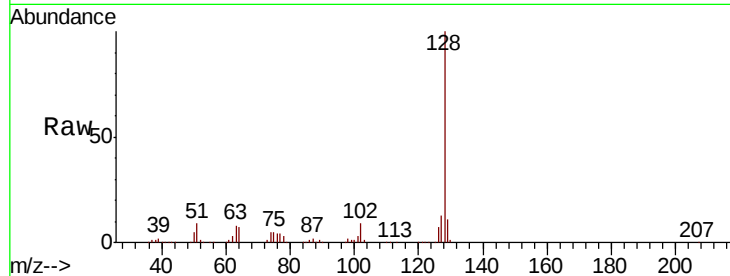




#95
Naphthalene
Concen: 48.966 ug/l
RT: 13.74 min Scan# 3909
Delta R.T. 0.00 min
Lab File: VU027214.D
Acq: 27 Sep 2018 06:13

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

Tgt Ion:128 Resp: 310463
Ion Ratio Lower Upper
128 100
127 13.3 10.6 15.8
129 11.0 8.6 12.8



#96
1,2,3-Trichlorobenzene
Concen: 51.649 ug/l
RT: 13.99 min Scan# 3985
Delta R.T. 0.00 min
Lab File: VU027214.D
Acq: 27 Sep 2018 06:13

Tgt Ion:180 Resp: 89885
Ion Ratio Lower Upper
180 100
182 95.8 47.5 142.5
145 32.4 15.4 46.4

