

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU122121\
 Data File : VU046547.D
 Acq On : 22 Dec 2021 00:57
 Operator : SY/MD
 Sample : VSTDCCC005EC
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Dec 22 05:49:21 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR122121WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Dec 21 14:35:13 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Difluorobenzene	6.253	114	90364	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	86468	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	46064	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.604	65	31310	4.399	ug/L	0.01
Spiked Amount	5.000	Range	40 - 130	Recovery	=	88.000%
7) Chloroethane-d5	1.919	69	24858	4.435	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	88.800%
11) 1,1-Dichloroethene-d2	2.575	65	13093	4.362	ug/L	0.01
Spiked Amount	5.000	Range	60 - 125	Recovery	=	87.200%
20) 2-Butanone-d5	4.655	46	108386	52.497	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	105.000%
24) Chloroform-d	5.070	84	60692	4.654	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.000%
26) 1,2-Dichloroethane-d4	5.703	65	35060	4.702	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.000%
32) Benzene-d6	5.729	84	114807	4.763	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.200%
36) 1,2-Dichloropropane-d6	6.694	67	35387	4.886	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	97.800%
41) Toluene-d8	7.899	98	103149	4.715	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.400%
43) trans-1,3-Dichloroprop...	8.182	79	16124	4.813	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	96.200%
46) 2-Hexanone-d5	8.639	63	108604	55.220	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	110.440%
56) 1,1,2,2-Tetrachloroeth...	10.758	84	36945	4.970	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	99.400%
66) 1,2-Dichlorobenzene-d4	12.195	152	41321	4.870	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	97.400%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.388	85	67074	4.851	ug/L	100
3) Chloromethane	1.523	50	53724	4.511	ug/L	99
5) Vinyl chloride	1.610	62	53036	4.524	ug/L	99
6) Bromomethane	1.864	94	28256	4.004	ug/L	98
8) Chloroethane	1.941	64	31404	4.563	ug/L	98
9) Trichlorofluoromethane	2.147	101	71784	4.681	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.588	101	38175	4.890	ug/L	97
12) 1,1-Dichloroethene	2.588	96	37862	4.763	ug/L #	78
13) Acetone	2.687	43	82712	42.730	ug/L	71
14) Carbon disulfide	2.800	76	119536	4.604	ug/L	99
15) Methyl Acetate	2.967	43	20147	5.153	ug/L	93
16) Methylene chloride	3.054	84	44704	4.622	ug/L	92
17) Methyl tert-butyl Ether	3.369	73	114052	4.919	ug/L	99
18) trans-1,2-Dichloroethene	3.359	96	40533	4.780	ug/L	94
19) 1,1-Dichloroethane	3.877	63	71794	4.596	ug/L	99
21) 2-Butanone	4.735	43	147068	50.078	ug/L	99
22) cis-1,2-Dichloroethene	4.671	96	46521	5.019	ug/L	96
23) Bromochloromethane	4.983	128	21611	4.685	ug/L	91
25) Chloroform	5.092	83	77228	4.576	ug/L	95

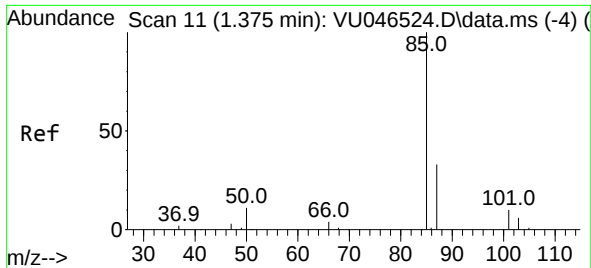
Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU122121\
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 Quant Title : TRACE VOA SFAM1.0
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.800	62	56643	4.702	ug/L	97
29) 1,1,1-Trichloroethane	5.321	97	69254	4.844	ug/L	96
30) Cyclohexane	5.395	56	59987	5.072	ug/L	96
31) Carbon tetrachloride	5.530	117	58264	4.856	ug/L	98
33) Benzene	5.777	78	164613	4.791	ug/L	100
34) Trichloroethene	6.546	95	42776	4.723	ug/L	97
35) Methylcyclohexane	6.768	83	65604	5.138	ug/L	95
37) 1,2-Dichloropropane	6.793	63	42102	4.804	ug/L #	97
38) Bromodichloromethane	7.108	83	56119	4.626	ug/L	98
39) cis-1,3-Dichloropropene	7.610	75	64904	4.893	ug/L	99
40) 4-Methyl-2-pentanone	7.796	43	332419	50.532	ug/L	96
42) Toluene	7.970	91	175365	4.973	ug/L	98
44) trans-1,3-Dichloropropene	8.211	75	60035	4.883	ug/L	98
45) 1,1,2-Trichloroethane	8.401	97	36548	4.836	ug/L	97
47) Tetrachloroethene	8.555	164	31432	4.905	ug/L	94
48) 2-Hexanone	8.690	43	247658	50.410	ug/L	96
49) Dibromochloromethane	8.812	129	41691	4.783	ug/L	98
50) 1,2-Dibromoethane	8.925	107	35868	4.917	ug/L #	99
51) Chlorobenzene	9.449	112	109768	4.870	ug/L	98
52) Ethylbenzene	9.571	91	184500	5.055	ug/L	100
53) m,p-Xylene	9.697	106	71984	5.148	ug/L	94
54) o-Xylene	10.102	106	69983	5.208	ug/L	94
55) Styrene	10.115	104	121405	5.209	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.783	83	49957	5.058	ug/L	93
59) Bromoform	10.291	173	25798	4.848	ug/L	100
60) Isopropylbenzene	10.484	105	183748	5.172	ug/L	99
61) 1,2,3-Trichloropropane	10.825	75	36892	4.822	ug/L	98
62) 1,3,5-Trimethylbenzene	11.089	105	154854	5.241	ug/L	100
63) 1,2,4-Trimethylbenzene	11.468	105	159342	5.355	ug/L	98
64) 1,3-Dichlorobenzene	11.745	146	86204	4.992	ug/L	99
65) 1,4-Dichlorobenzene	11.838	146	87376	4.943	ug/L	97
67) 1,2-Dichlorobenzene	12.214	146	85589	4.941	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.996	75	9033	5.101	ug/L	95
69) 1,3,5-Trichlorobenzene	13.221	180	64988	4.973	ug/L	99
70) 1,2,4-trichlorobenzene	13.841	180	57159	5.163	ug/L	97
71) Naphthalene	14.086	128	136345	5.546	ug/L	99
72) 1,2,3-Trichlorobenzene	14.330	180	59072	5.390	ug/L	99

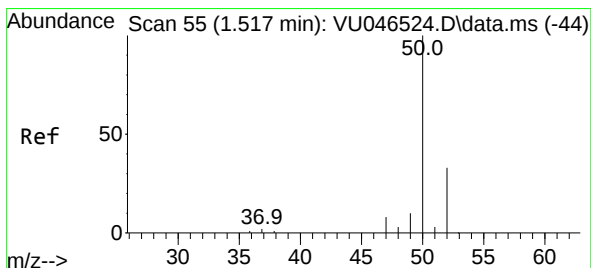
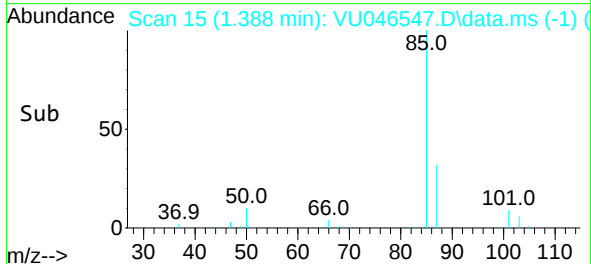
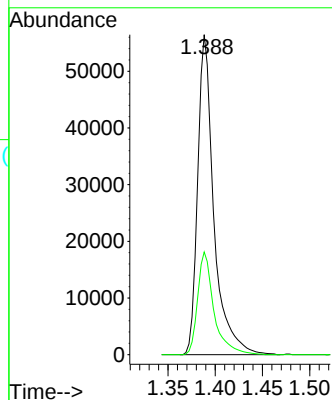
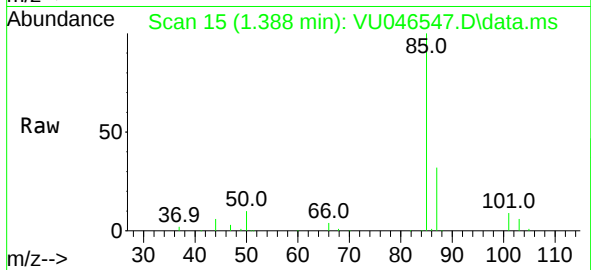
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#2
 Dichlorodifluoromethane
 Concen: 4.851 ug/L
 RT: 1.388 min Scan# 11
 Delta R.T. 0.013 min
 Lab File: VU046547.D
 Acq: 22 Dec 2021 00:57

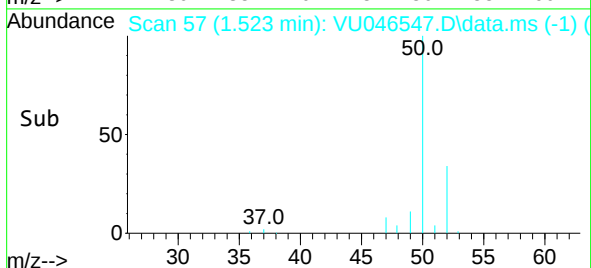
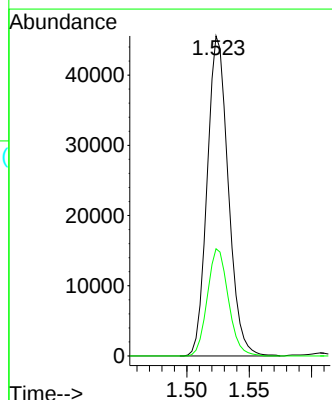
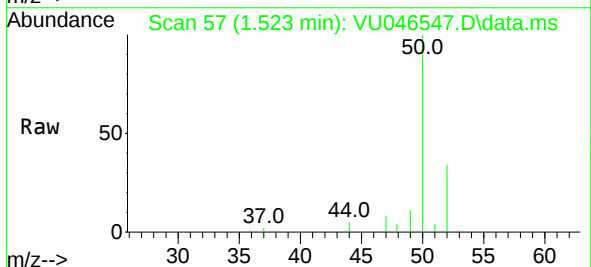
Instrument :
 MSVOA_U
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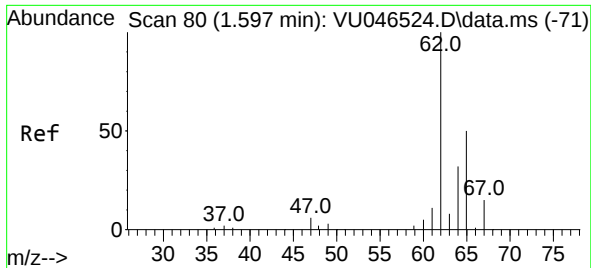
Tgt Ion: 85 Resp: 67074
 Ion Ratio Lower Upper
 85 100
 87 32.5 25.8 38.6



#3
 Chloromethane
 Concen: 4.511 ug/L
 RT: 1.523 min Scan# 57
 Delta R.T. 0.006 min
 Lab File: VU046547.D
 Acq: 22 Dec 2021 00:57

Tgt Ion: 50 Resp: 53724
 Ion Ratio Lower Upper
 50 100
 52 33.5 23.0 42.8

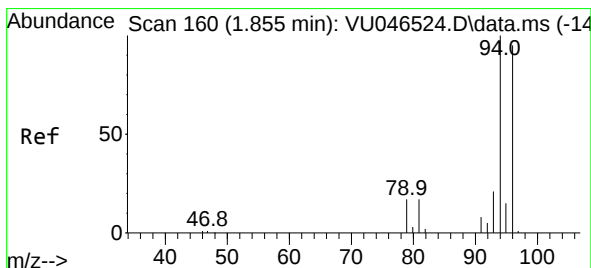
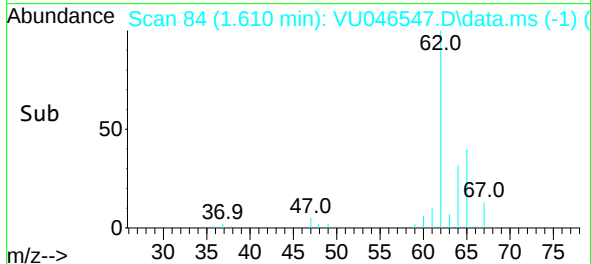
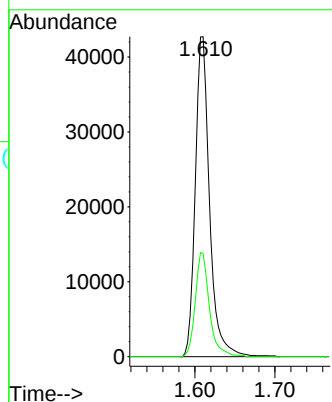
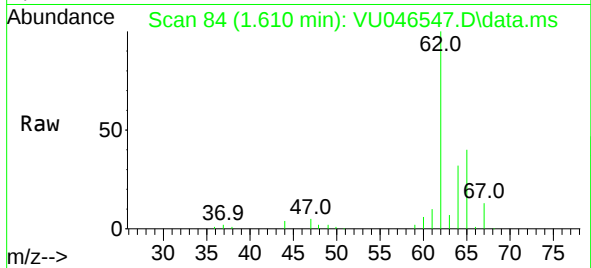




#5
 Vinyl chloride
 Concen: 4.524 ug/L
 RT: 1.610 min Scan# 84
 Delta R.T. 0.013 min
 Lab File: VU046547.D
 Acq: 22 Dec 2021 00:57

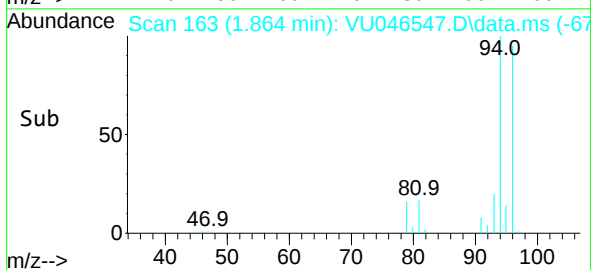
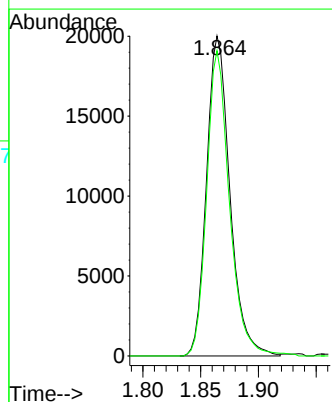
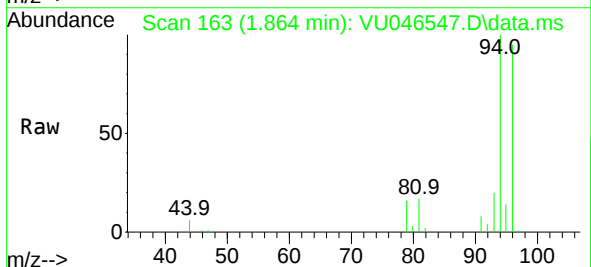
Instrument :
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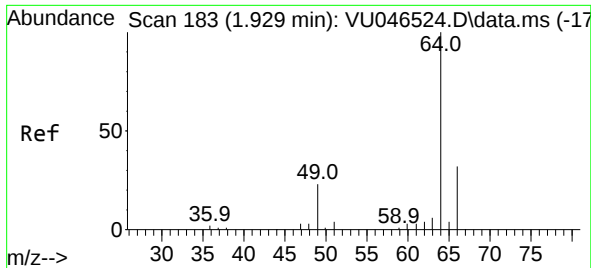
Tgt Ion: 62 Resp: 53036
 Ion Ratio Lower Upper
 62 100
 64 32.3 22.9 42.5



#6
 Bromomethane
 Concen: 4.004 ug/L
 RT: 1.864 min Scan# 163
 Delta R.T. 0.010 min
 Lab File: VU046547.D
 Acq: 22 Dec 2021 00:57

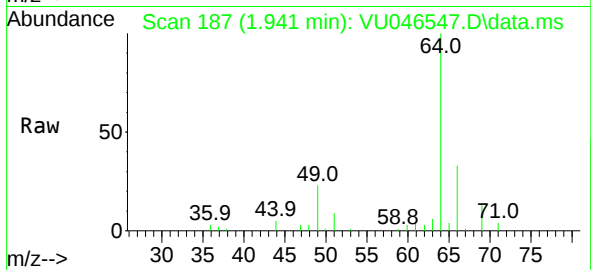
Tgt Ion: 94 Resp: 28256
 Ion Ratio Lower Upper
 94 100
 96 95.4 65.5 121.6



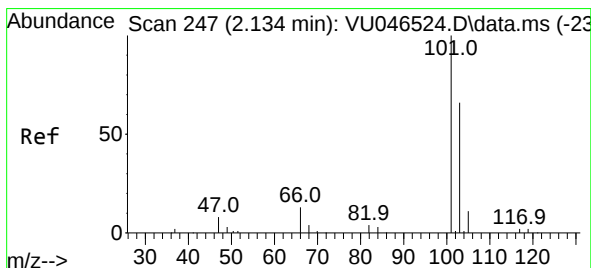
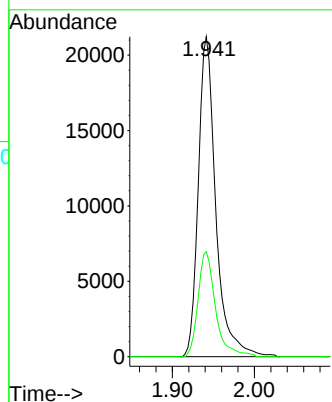
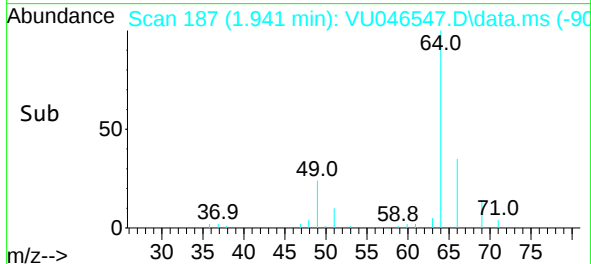


#8
Chloroethane
Concen: 4.563 ug/L
RT: 1.941 min Scan# 11
Delta R.T. 0.013 min
Lab File: VU046547.D
Acq: 22 Dec 2021 00:57

Instrument :
MSVOA_U
ClientSampleId :

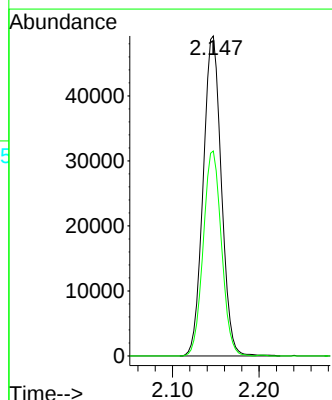
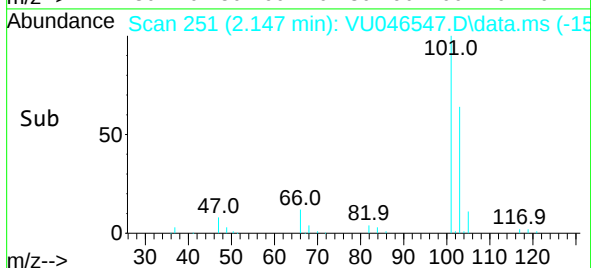
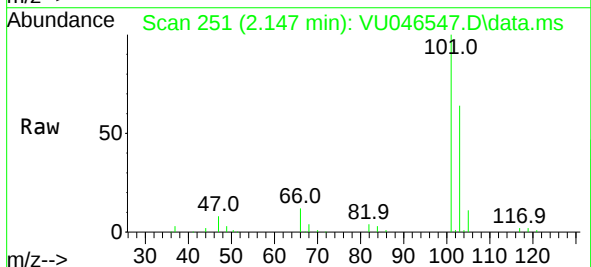


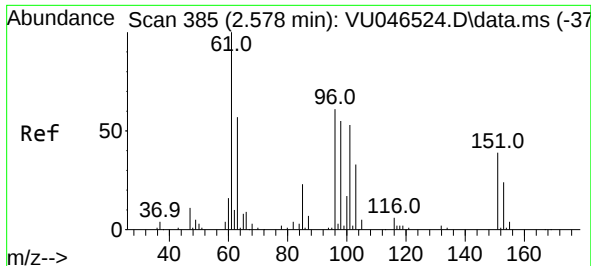
Tgt Ion: 64 Resp: 31404
Ion Ratio Lower Upper
64 100
66 32.8 22.1 41.1



#9
Trichlorofluoromethane
Concen: 4.681 ug/L
RT: 2.147 min Scan# 251
Delta R.T. 0.013 min
Lab File: VU046547.D
Acq: 22 Dec 2021 00:57

Tgt Ion:101 Resp: 71784
Ion Ratio Lower Upper
101 100
103 64.2 51.5 77.3

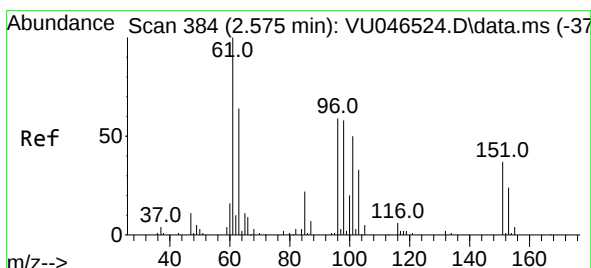
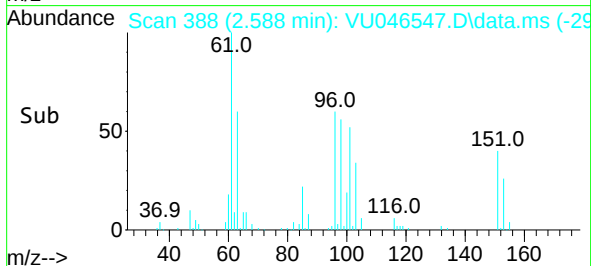
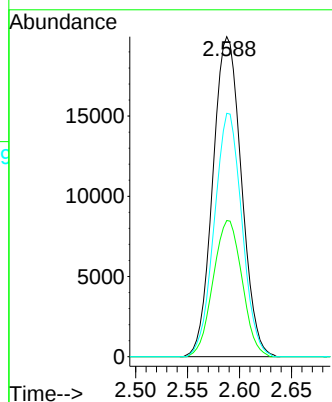
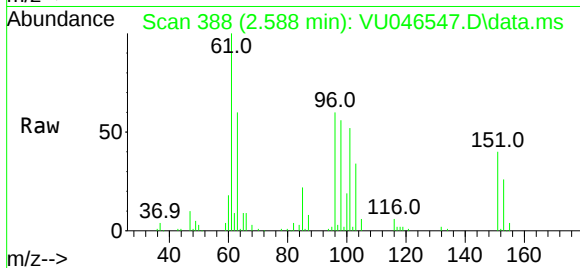




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 4.890 ug/L
RT: 2.588 min Scan# 385
Delta R.T. 0.010 min
Lab File: VU046547.D
Acq: 22 Dec 2021 00:57

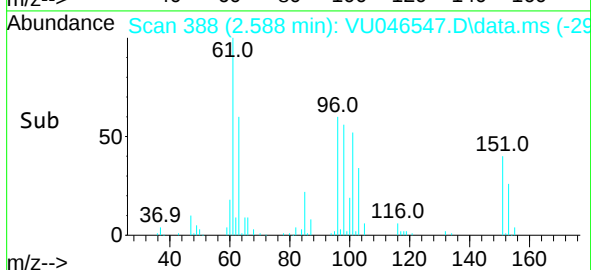
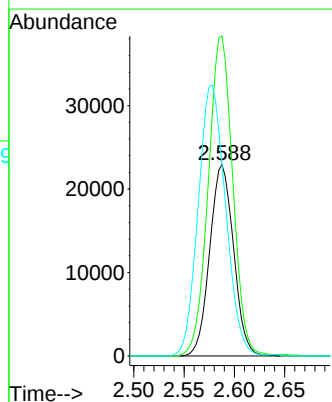
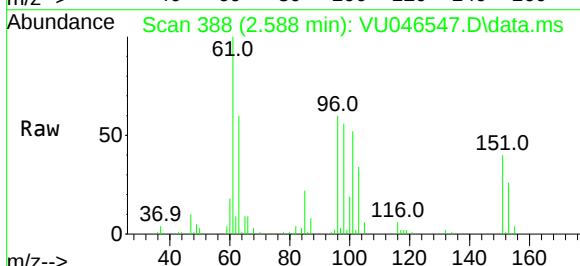
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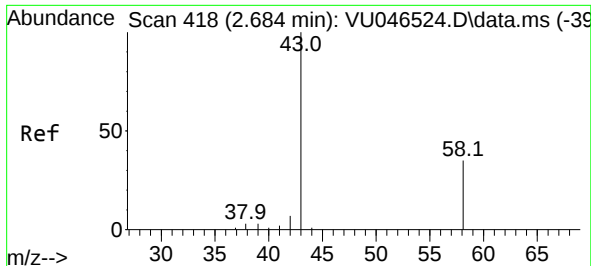
Tgt Ion:101 Resp: 38175
Ion Ratio Lower Upper
101 100
85 43.0 34.6 51.8
151 73.8 56.1 84.1



#12
1,1-Dichloroethene
Concen: 4.763 ug/L
RT: 2.588 min Scan# 388
Delta R.T. 0.013 min
Lab File: VU046547.D
Acq: 22 Dec 2021 00:57

Tgt Ion: 96 Resp: 37862
Ion Ratio Lower Upper
96 100
61 167.3 124.7 231.5
63 100.4 105.2 195.4#





#13

Acetone

Concen: 42.730 ug/L

RT: 2.687 min Scan# 41

Delta R.T. 0.003 min

Lab File: VU046547.D

Acq: 22 Dec 2021 00:57

Instrument :

MSVOA_U

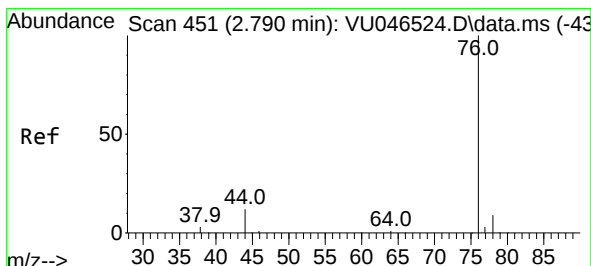
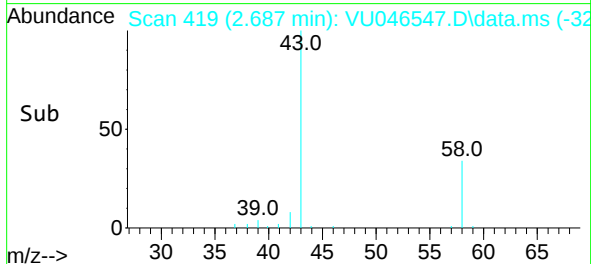
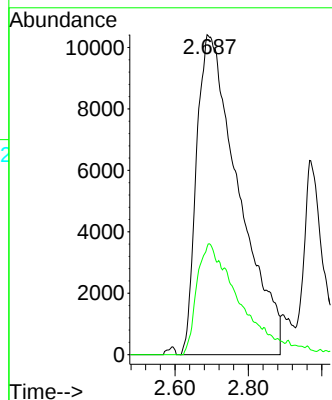
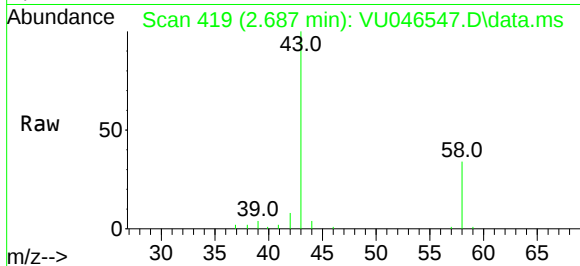
ClientSampleId :

Tgt Ion: 43 Resp: 82712

Ion Ratio Lower Upper

43 100

58 18.6 0.0 71.6



#14

Carbon disulfide

Concen: 4.604 ug/L

RT: 2.800 min Scan# 454

Delta R.T. 0.010 min

Lab File: VU046547.D

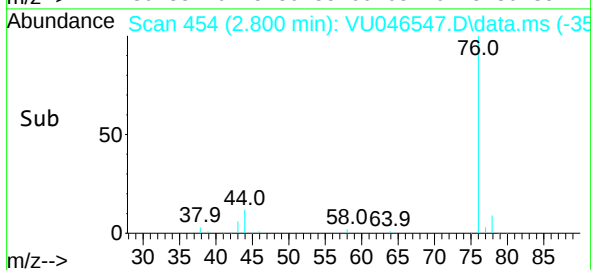
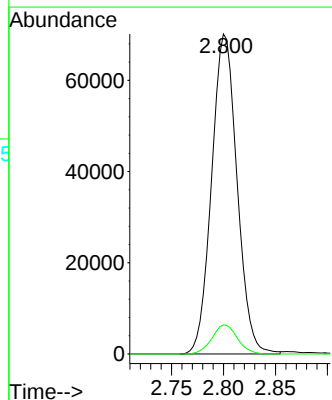
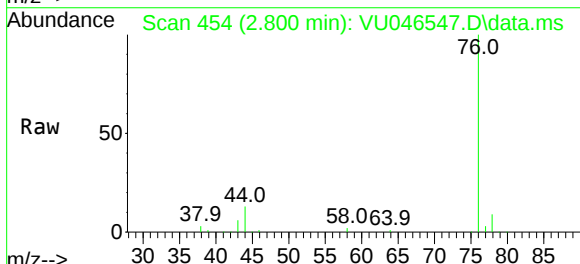
Acq: 22 Dec 2021 00:57

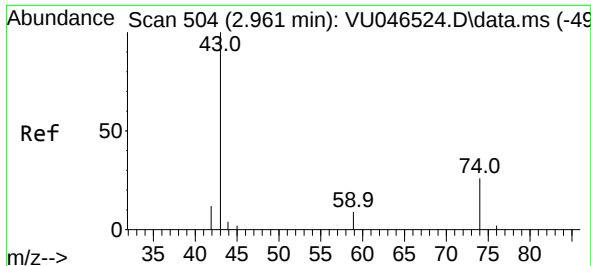
Tgt Ion: 76 Resp: 119536

Ion Ratio Lower Upper

76 100

78 9.1 7.5 11.3

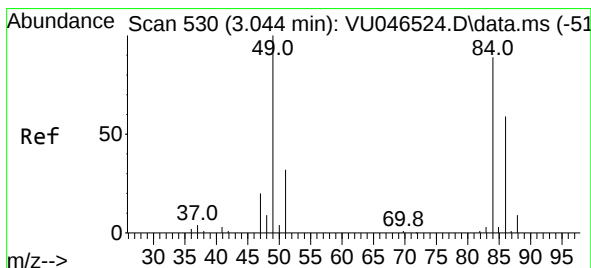
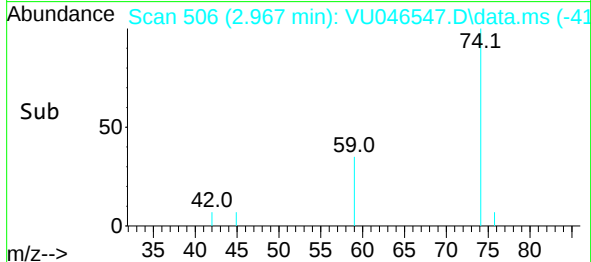
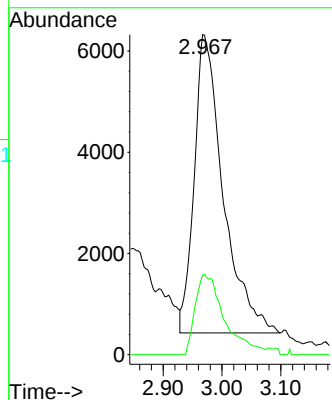
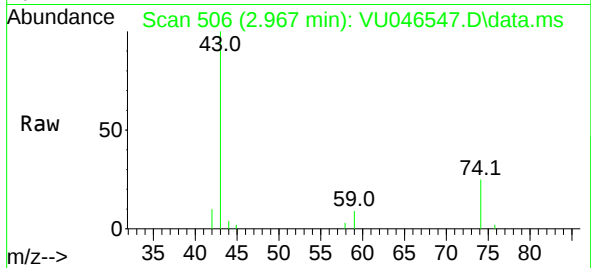




#15
Methyl Acetate
Concen: 5.153 ug/L
RT: 2.967 min Scan# 504
Delta R.T. 0.006 min
Lab File: VU046547.D
Acq: 22 Dec 2021 00:57

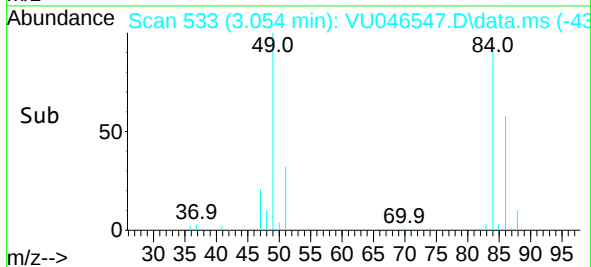
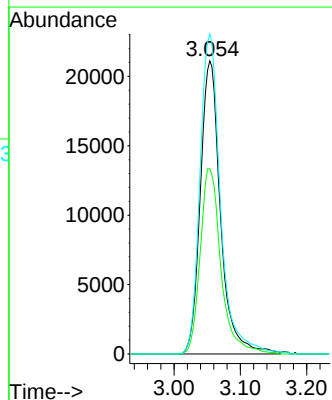
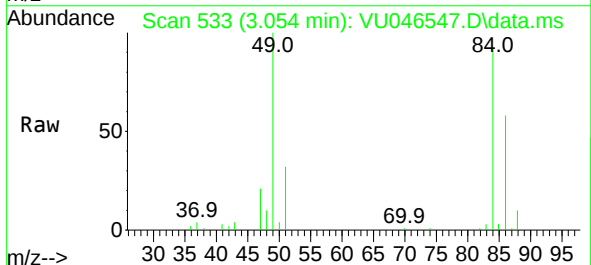
Instrument :
MSVOA_U
ClientSampleId :

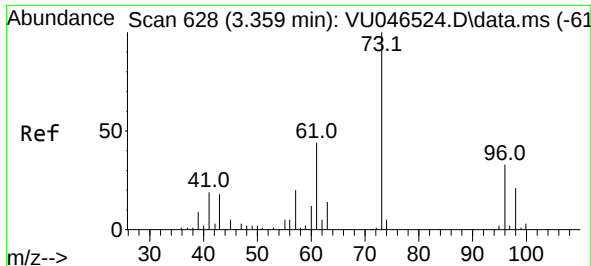
Tgt Ion: 43 Resp: 20147
Ion Ratio Lower Upper
43 100
74 27.2 19.1 28.7



#16
Methylene chloride
Concen: 4.622 ug/L
RT: 3.054 min Scan# 533
Delta R.T. 0.010 min
Lab File: VU046547.D
Acq: 22 Dec 2021 00:57

Tgt Ion: 84 Resp: 44704
Ion Ratio Lower Upper
84 100
86 63.2 45.8 85.0
49 109.2 84.5 156.9





#17

Methyl tert-butyl Ether

Concen: 4.919 ug/L

RT: 3.369 min Scan# 61

Delta R.T. 0.010 min

Lab File: VU046547.D

Acq: 22 Dec 2021 00:57

Instrument :

MSVOA_U

ClientSampleId :

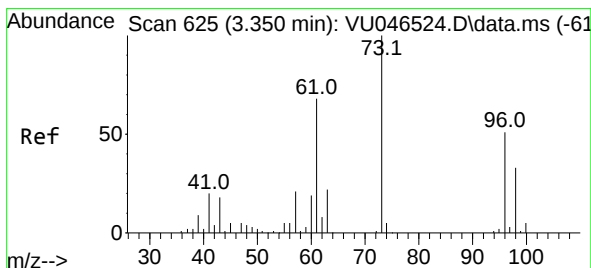
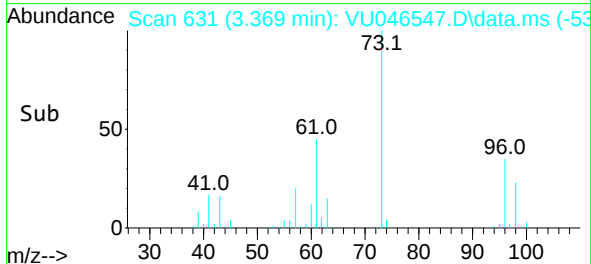
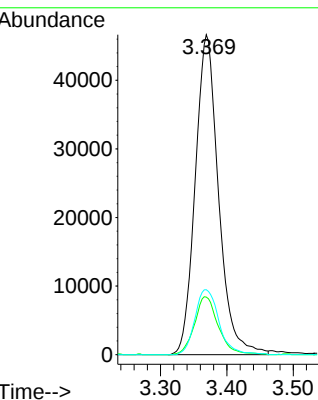
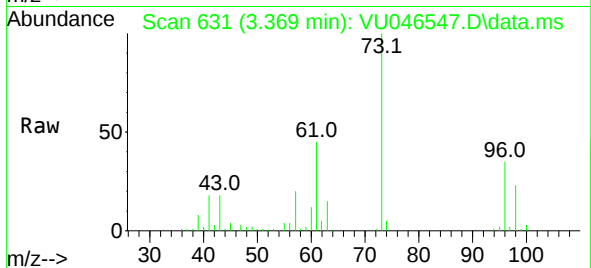
Tgt Ion: 73 Resp: 114052

Ion Ratio Lower Upper

73 100

43 18.5 14.8 22.2

57 21.1 17.4 26.0



#18

trans-1,2-Dichloroethene

Concen: 4.780 ug/L

RT: 3.359 min Scan# 628

Delta R.T. 0.010 min

Lab File: VU046547.D

Acq: 22 Dec 2021 00:57

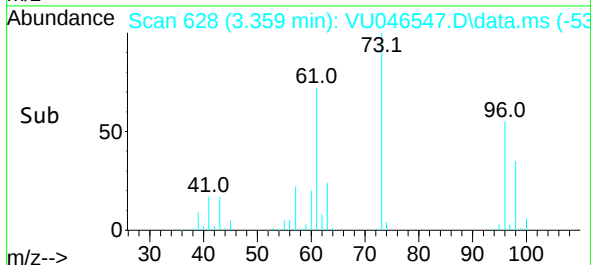
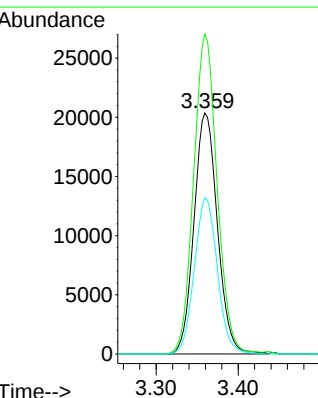
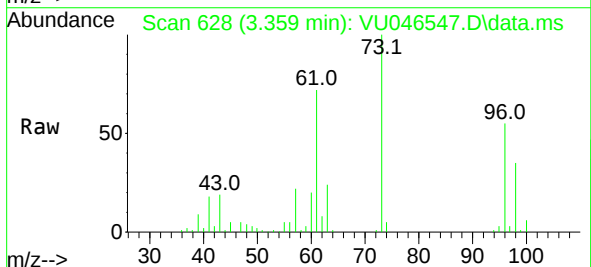
Tgt Ion: 96 Resp: 40533

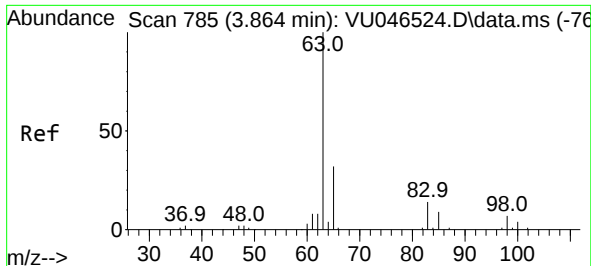
Ion Ratio Lower Upper

96 100

61 132.8 100.8 187.2

98 64.8 45.1 83.7





#19

1,1-Dichloroethane

Concen: 4.596 ug/L

RT: 3.877 min Scan# 71

Delta R.T. 0.013 min

Lab File: VU046547.D

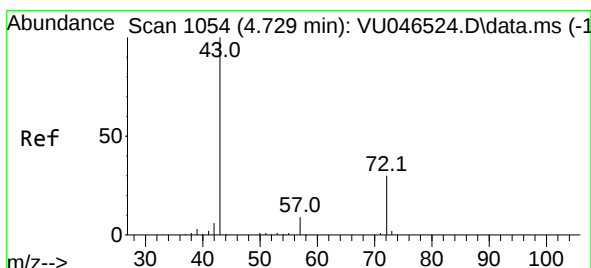
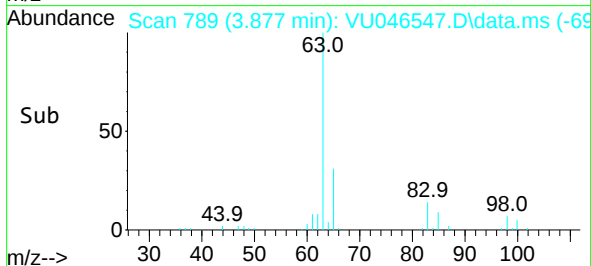
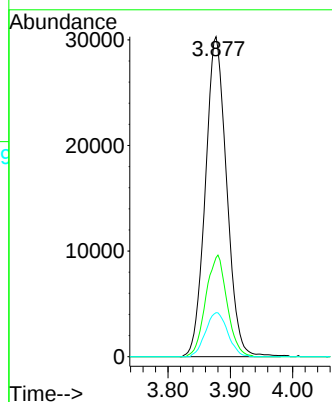
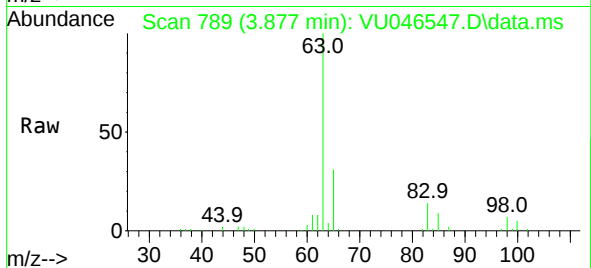
Acq: 22 Dec 2021 00:57

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion:	63	Resp:	71794
Ion	Ratio	Lower	Upper
63	100		
65	31.0	22.3	41.5
83	13.7	9.6	17.8



#21

2-Butanone

Concen: 50.078 ug/L

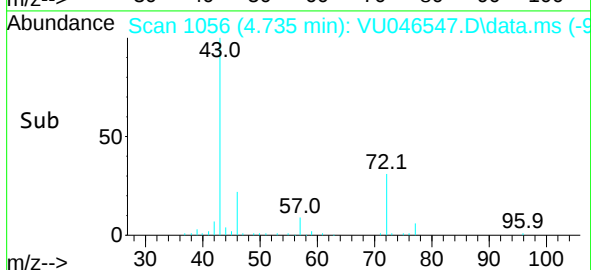
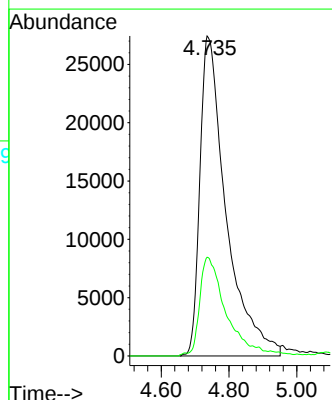
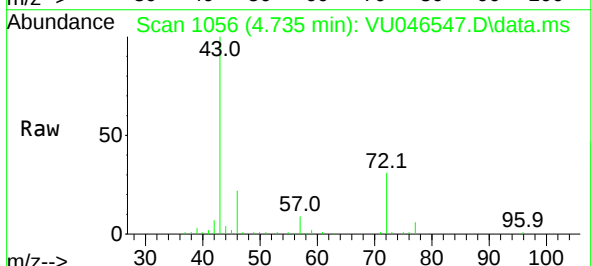
RT: 4.735 min Scan# 1056

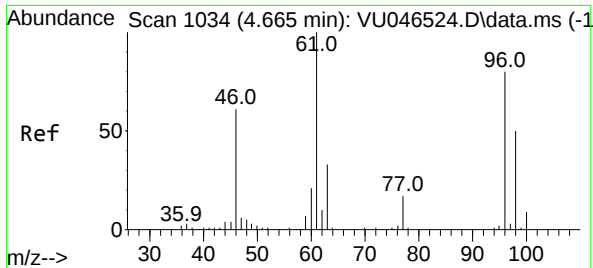
Delta R.T. 0.006 min

Lab File: VU046547.D

Acq: 22 Dec 2021 00:57

Tgt Ion:	43	Resp:	147068
Ion	Ratio	Lower	Upper
43	100		
72	27.8	14.1	42.3





#22

cis-1,2-Dichloroethene

Concen: 5.019 ug/L

RT: 4.671 min Scan# 1036

Delta R.T. 0.006 min

Lab File: VU046547.D

Acq: 22 Dec 2021 00:57

Instrument :

MSVOA_U

ClientSampleId :

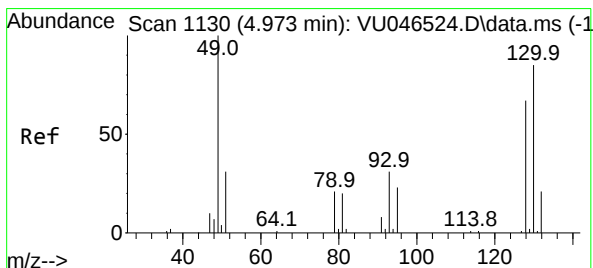
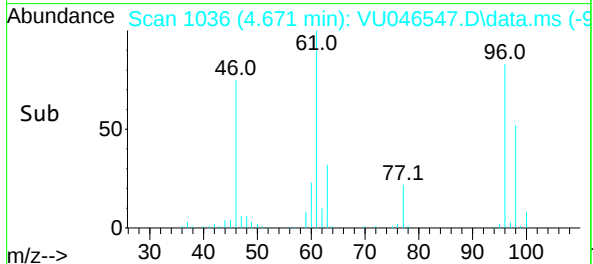
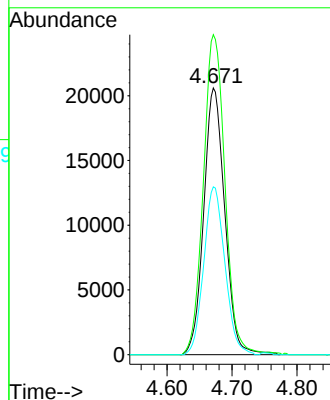
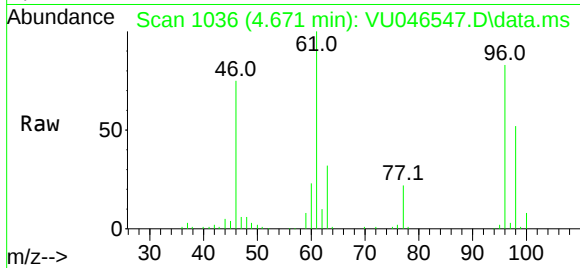
Tgt Ion: 96 Resp: 46521

Ion Ratio Lower Upper

96 100

61 120.0 88.5 164.3

98 62.9 44.4 82.5



#23

Bromochloromethane

Concen: 4.685 ug/L

RT: 4.983 min Scan# 1133

Delta R.T. 0.010 min

Lab File: VU046547.D

Acq: 22 Dec 2021 00:57

Tgt Ion: 128 Resp: 21611

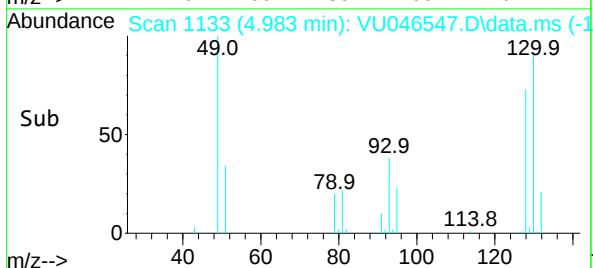
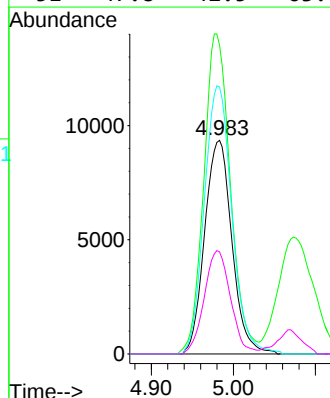
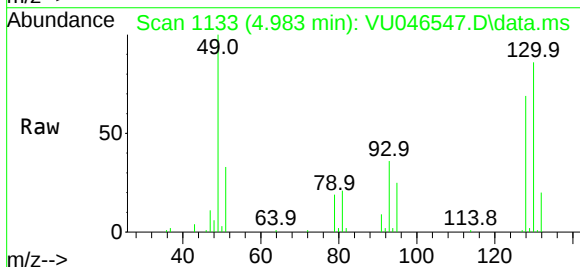
Ion Ratio Lower Upper

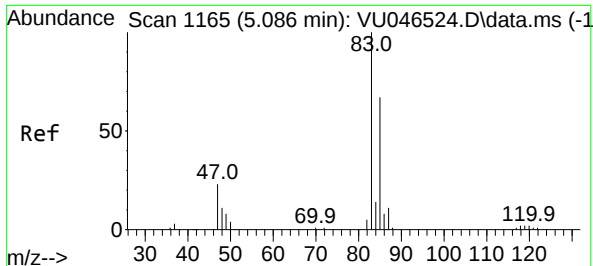
128 100

49 144.6 117.0 217.2

130 125.0 88.2 163.8

51 47.8 42.5 63.7





#25

Chloroform

Concen: 4.576 ug/L

RT: 5.092 min Scan# 1167

Delta R.T. 0.006 min

Lab File: VU046547.D

Acq: 22 Dec 2021 00:57

Instrument :

MSVOA_U

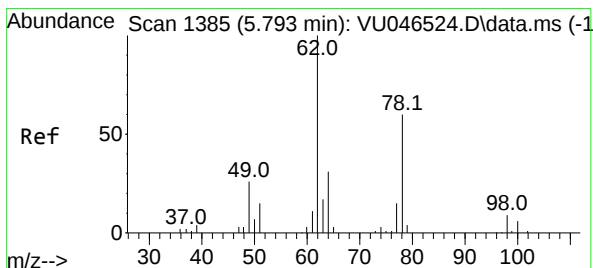
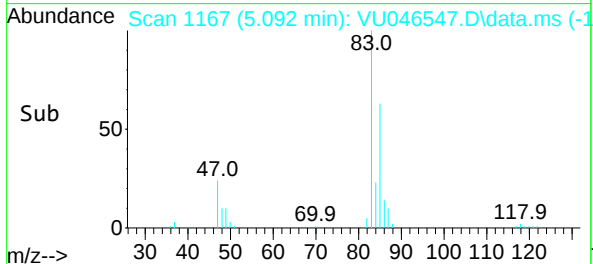
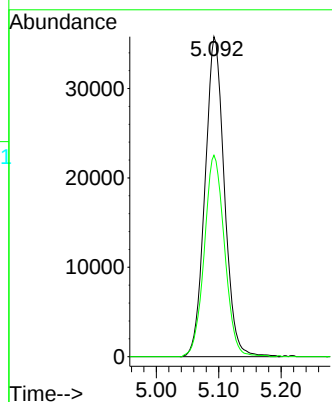
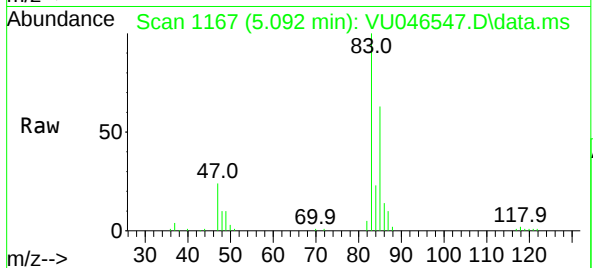
ClientSampleId :

Tgt Ion: 83 Resp: 77228

Ion Ratio Lower Upper

83 100

85 63.0 46.9 87.1



#27

1,2-Dichloroethane

Concen: 4.702 ug/L

RT: 5.800 min Scan# 1387

Delta R.T. 0.006 min

Lab File: VU046547.D

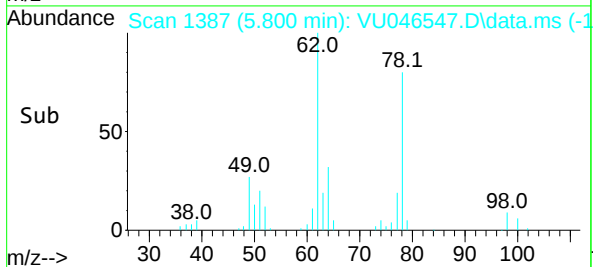
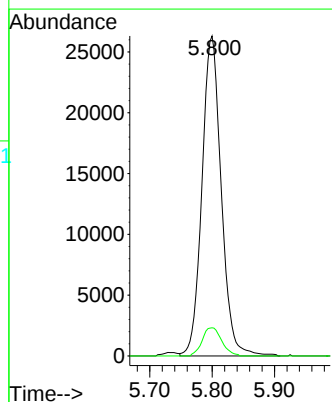
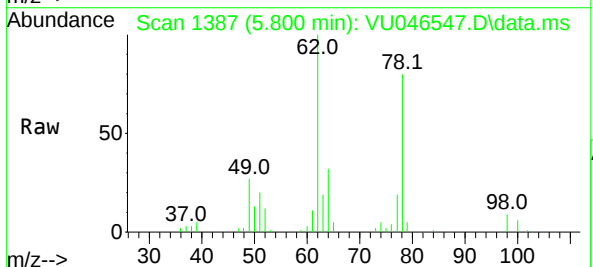
Acq: 22 Dec 2021 00:57

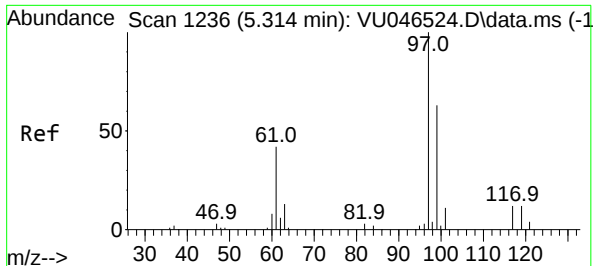
Tgt Ion: 62 Resp: 56643

Ion Ratio Lower Upper

62 100

98 8.8 7.8 11.8





#29

1,1,1-Trichloroethane

Concen: 4.844 ug/L

RT: 5.321 min Scan# 1261

Delta R.T. 0.006 min

Lab File: VU046547.D

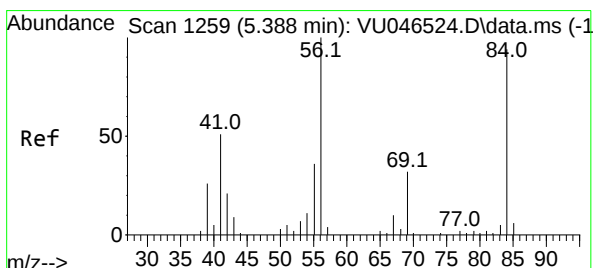
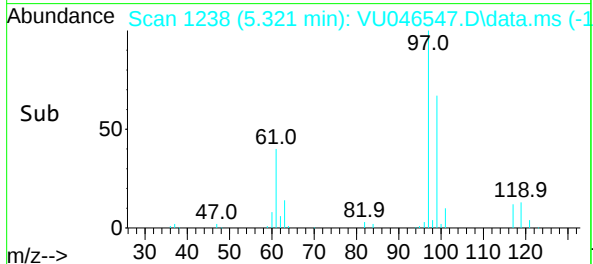
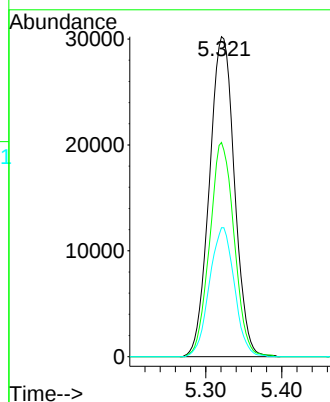
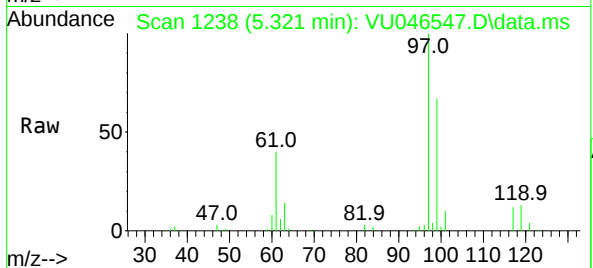
Acq: 22 Dec 2021 00:57

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion:	97	Resp:	69254
Ion	Ratio	Lower	Upper
97	100		
99	65.5	51.3	76.9
61	40.1	36.1	54.1



#30

Cyclohexane

Concen: 5.072 ug/L

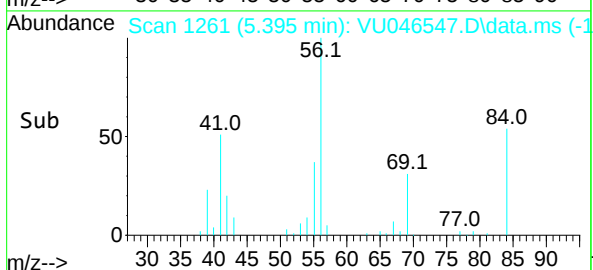
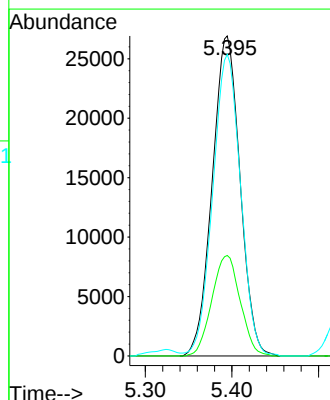
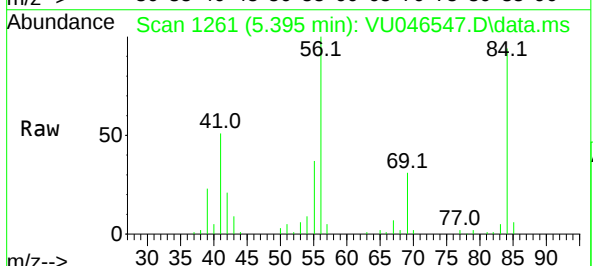
RT: 5.395 min Scan# 1261

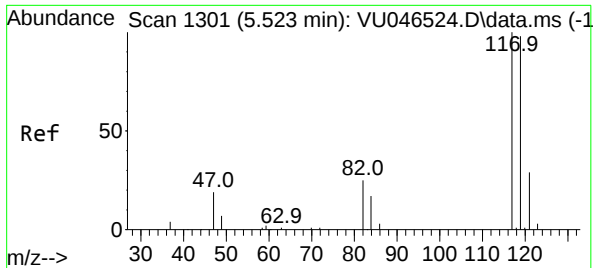
Delta R.T. 0.006 min

Lab File: VU046547.D

Acq: 22 Dec 2021 00:57

Tgt Ion:	56	Resp:	59987
Ion	Ratio	Lower	Upper
56	100		
69	32.0	24.7	37.1
84	94.2	71.8	107.6

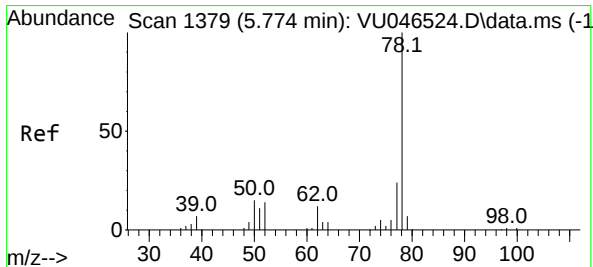
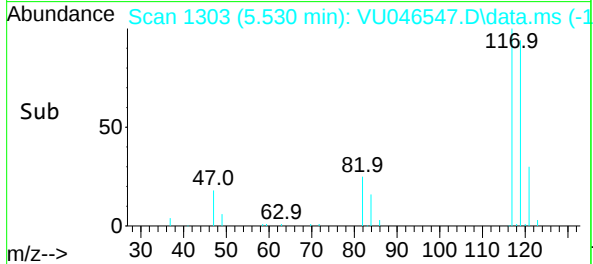
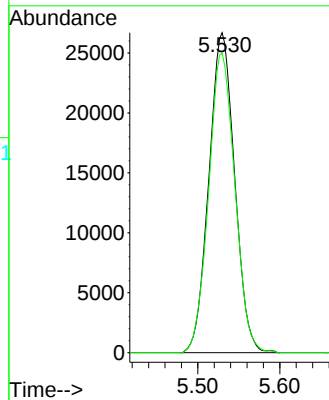
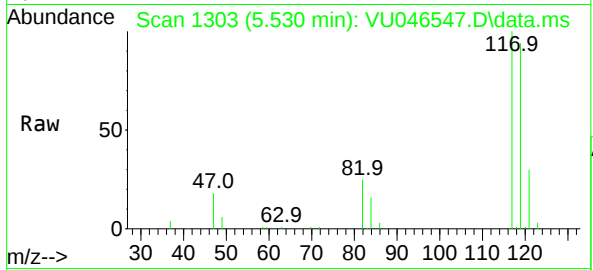




#31
Carbon tetrachloride
Concen: 4.856 ug/L
RT: 5.530 min Scan# 117
Delta R.T. 0.006 min
Lab File: VU046547.D
Acq: 22 Dec 2021 00:57

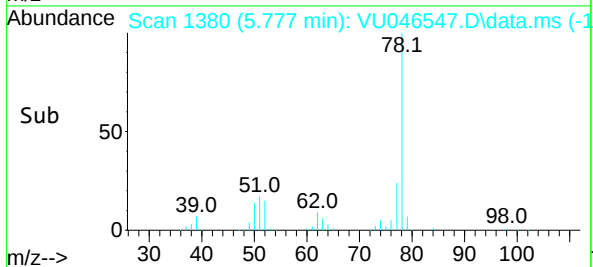
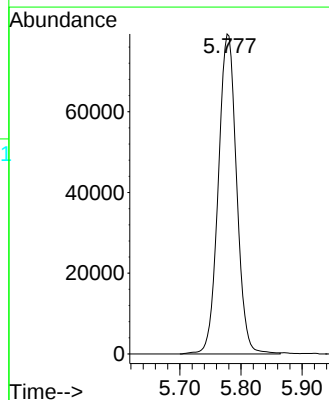
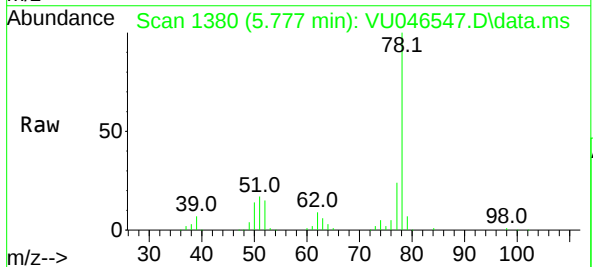
Instrument :
MSVOA_U
ClientSampleId :

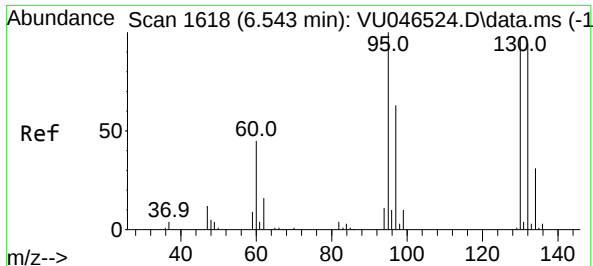
Tgt Ion:117 Resp: 58264
Ion Ratio Lower Upper
117 100
119 95.4 77.5 116.3



#33
Benzene
Concen: 4.791 ug/L
RT: 5.777 min Scan# 1380
Delta R.T. 0.003 min
Lab File: VU046547.D
Acq: 22 Dec 2021 00:57

Tgt Ion: 78 Resp: 164613





#34

Trichloroethene

Concen: 4.723 ug/L

RT: 6.546 min Scan# 1

Delta R.T. 0.003 min

Lab File: VU046547.D

Acq: 22 Dec 2021 00:57

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion: 95 Resp: 42776

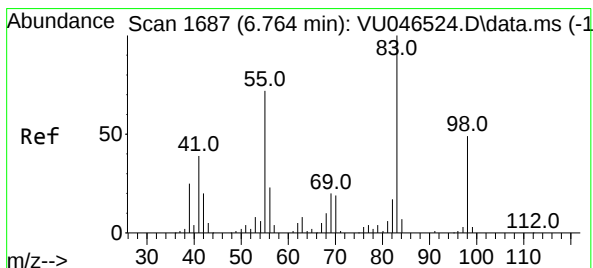
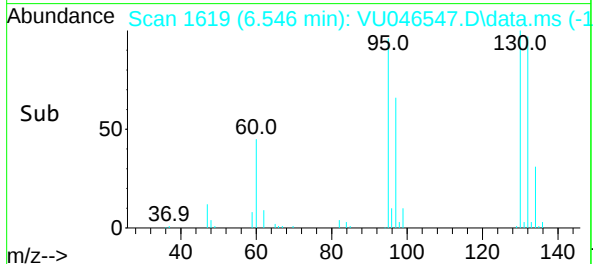
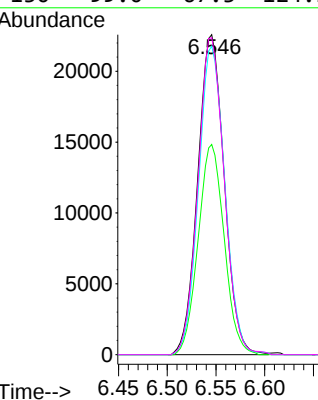
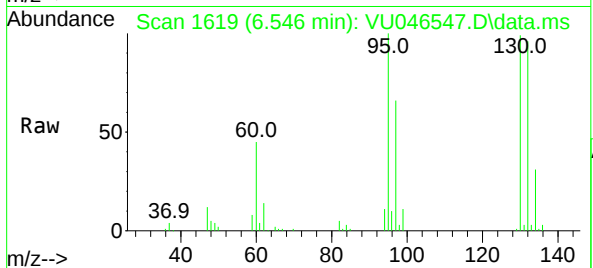
Ion Ratio Lower Upper

95 100

97 65.7 46.5 86.5

132 96.4 65.1 120.9

130 99.0 67.3 124.9



#35

Methylcyclohexane

Concen: 5.138 ug/L

RT: 6.768 min Scan# 1688

Delta R.T. 0.003 min

Lab File: VU046547.D

Acq: 22 Dec 2021 00:57

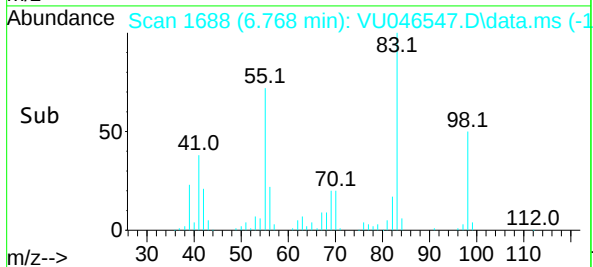
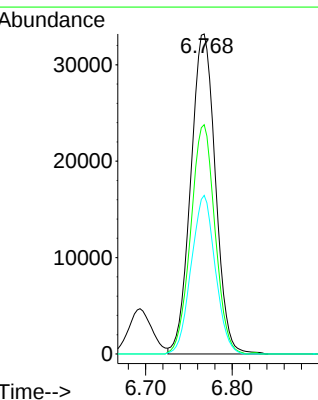
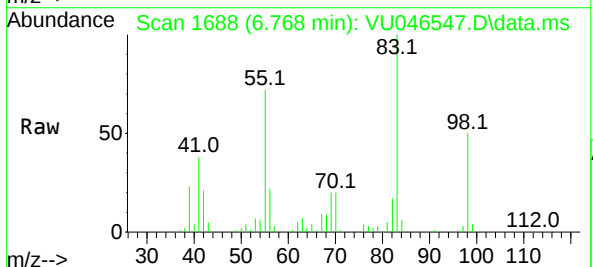
Tgt Ion: 83 Resp: 65604

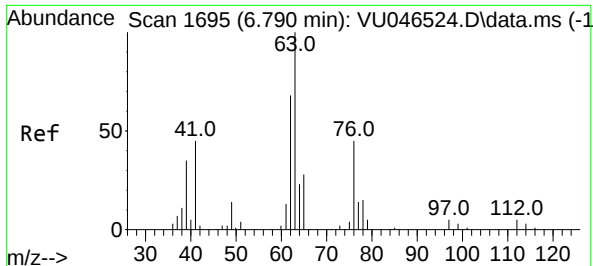
Ion Ratio Lower Upper

83 100

55 70.4 61.9 92.9

98 48.3 39.0 58.6

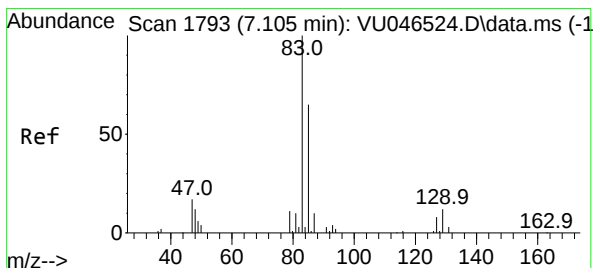
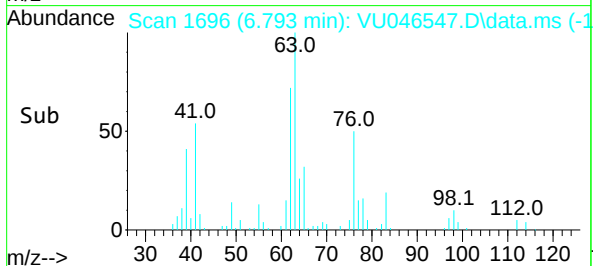
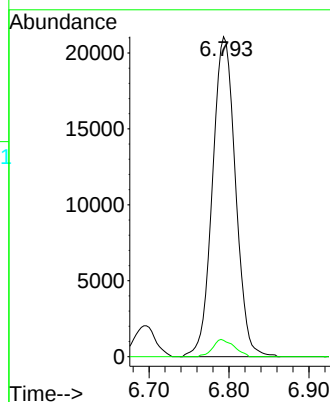
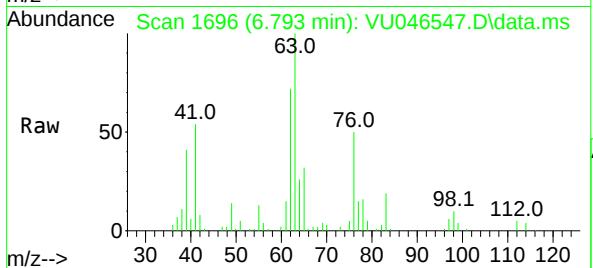




#37
1,2-Dichloropropane
Concen: 4.804 ug/L
RT: 6.793 min Scan# 1
Delta R.T. 0.003 min
Lab File: VU046547.D
Acq: 22 Dec 2021 00:57

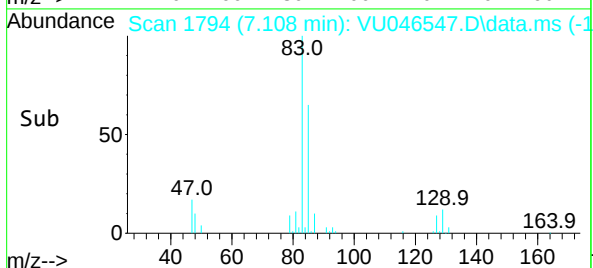
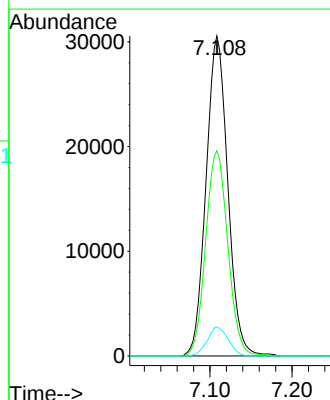
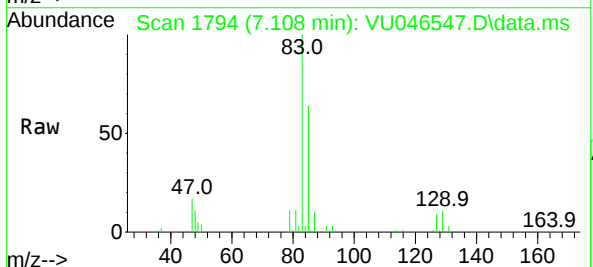
Instrument :
MSVOA_U
ClientSampleId :

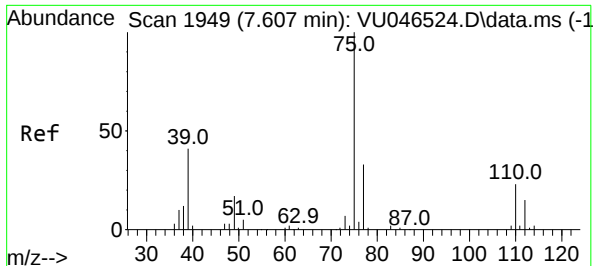
Tgt Ion: 63 Resp: 42102
Ion Ratio Lower Upper
63 100
112 5.0 3.2 4.8#



#38
Bromodichloromethane
Concen: 4.626 ug/L
RT: 7.108 min Scan# 1794
Delta R.T. 0.003 min
Lab File: VU046547.D
Acq: 22 Dec 2021 00:57

Tgt Ion: 83 Resp: 56119
Ion Ratio Lower Upper
83 100
85 64.2 44.0 81.8
127 9.1 6.3 9.5





#39

cis-1,3-Dichloropropene

Concen: 4.893 ug/L

RT: 7.610 min Scan# 1949

Delta R.T. 0.003 min

Lab File: VU046547.D

Acq: 22 Dec 2021 00:57

Instrument :

MSVOA_U

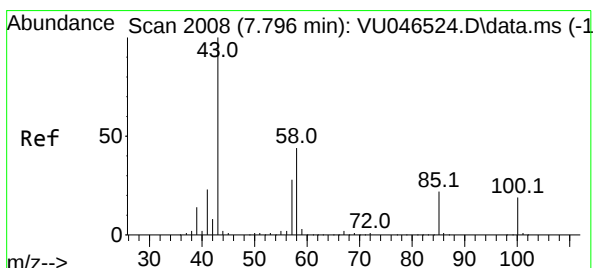
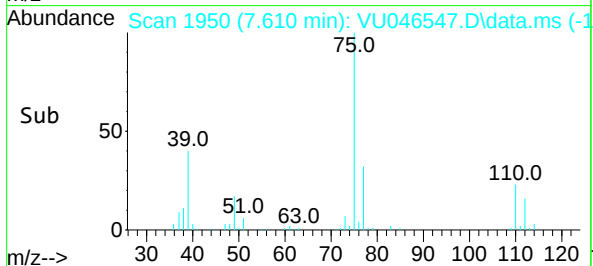
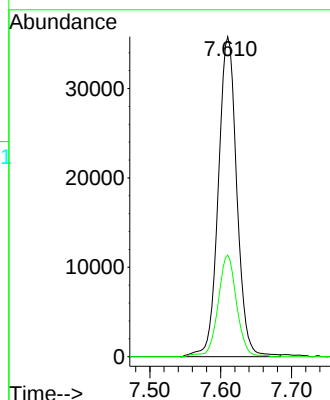
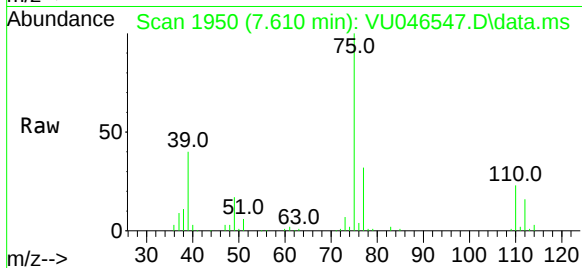
ClientSampleId :

Tgt Ion: 75 Resp: 64904

Ion Ratio Lower Upper

75 100

77 31.7 22.5 41.9



#40

4-Methyl-2-pentanone

Concen: 50.532 ug/L

RT: 7.796 min Scan# 2008

Delta R.T. -0.000 min

Lab File: VU046547.D

Acq: 22 Dec 2021 00:57

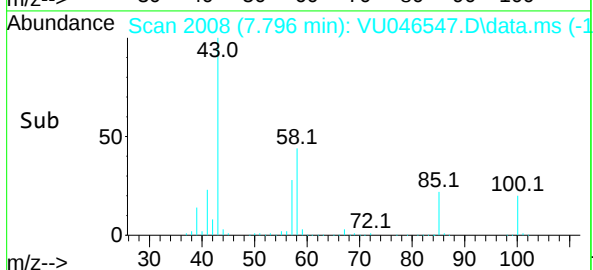
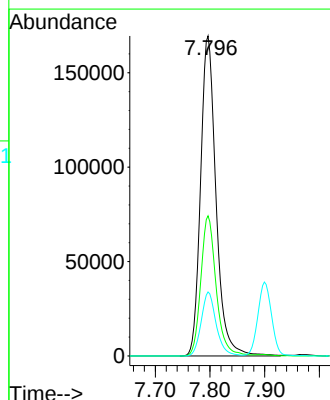
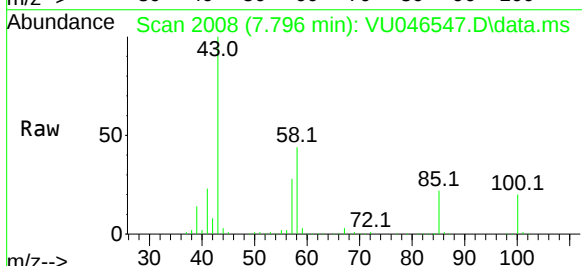
Tgt Ion: 43 Resp: 332419

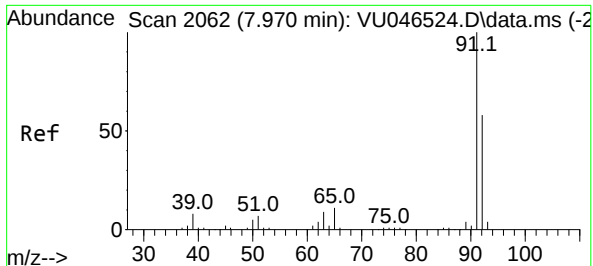
Ion Ratio Lower Upper

43 100

58 43.4 33.1 49.7

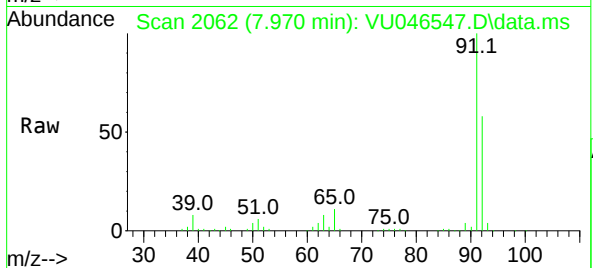
100 19.4 13.2 19.8



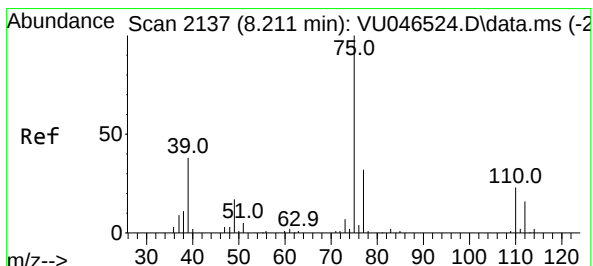
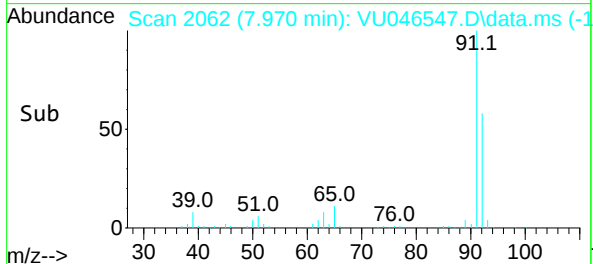
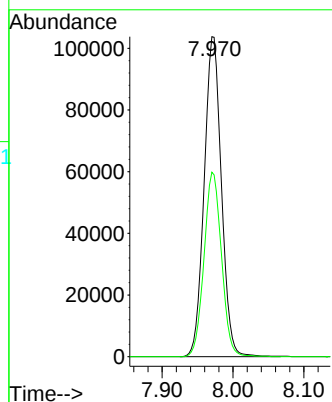


#42
Toluene
Concen: 4.973 ug/L
RT: 7.970 min Scan# 2062
Delta R.T. -0.000 min
Lab File: VU046547.D
Acq: 22 Dec 2021 00:57

Instrument :
MSVOA_U
ClientSampleId :

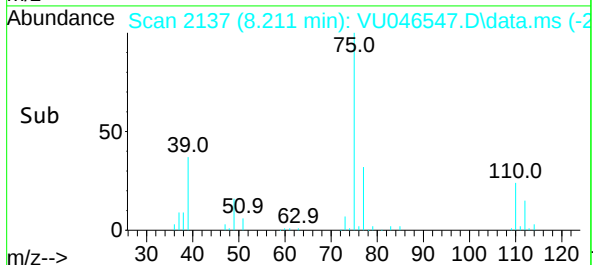
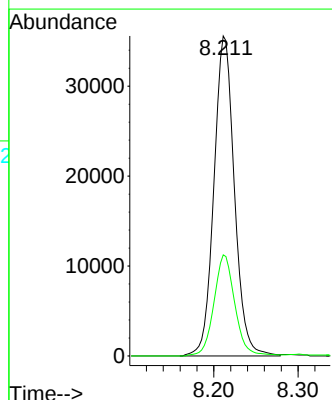
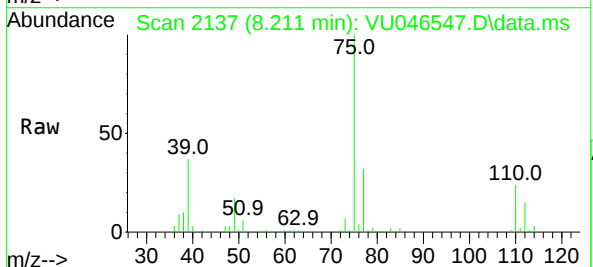


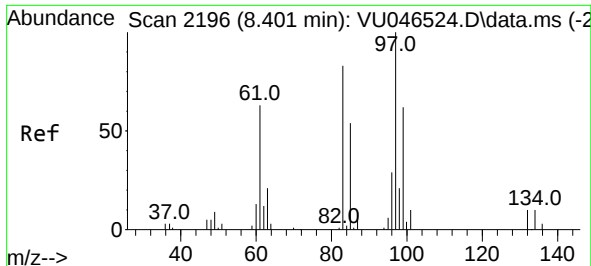
Tgt Ion: 91 Resp: 175365
Ion Ratio Lower Upper
91 100
92 57.6 41.3 76.7



#44
trans-1,3-Dichloropropene
Concen: 4.883 ug/L
RT: 8.211 min Scan# 2137
Delta R.T. -0.000 min
Lab File: VU046547.D
Acq: 22 Dec 2021 00:57

Tgt Ion: 75 Resp: 60035
Ion Ratio Lower Upper
75 100
77 31.6 22.7 42.3

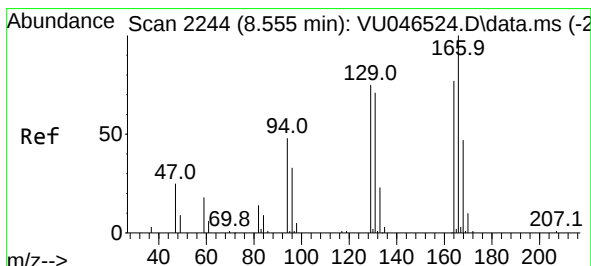
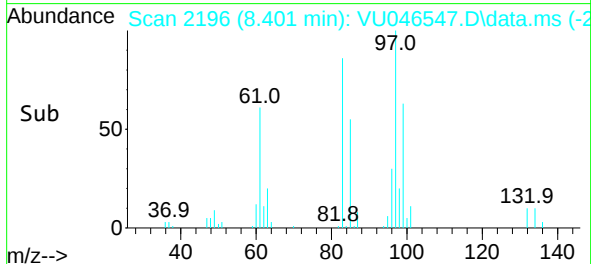
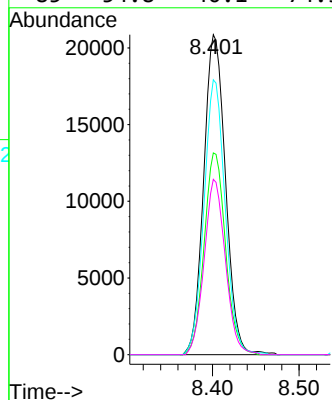
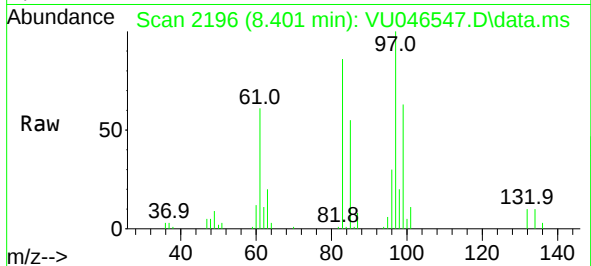




#45
1,1,2-Trichloroethane
Concen: 4.836 ug/L
RT: 8.401 min Scan# 2196
Delta R.T. -0.000 min
Lab File: VU046547.D
Acq: 22 Dec 2021 00:57

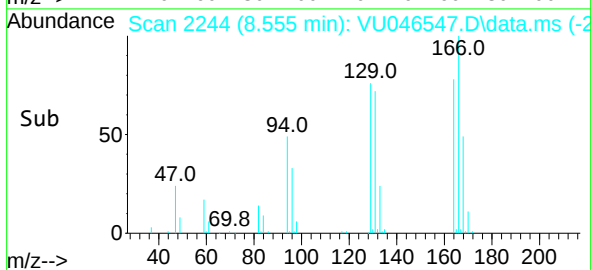
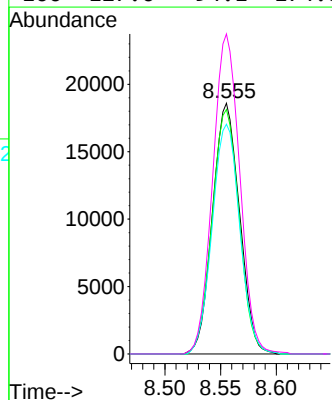
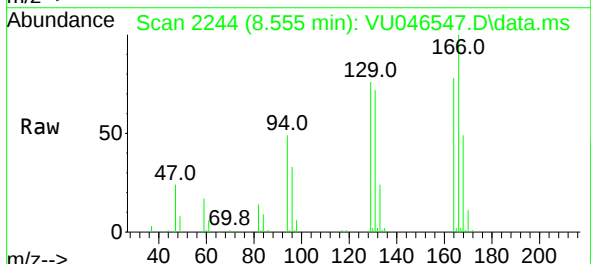
Instrument :
MSVOA_U
ClientSampleId :

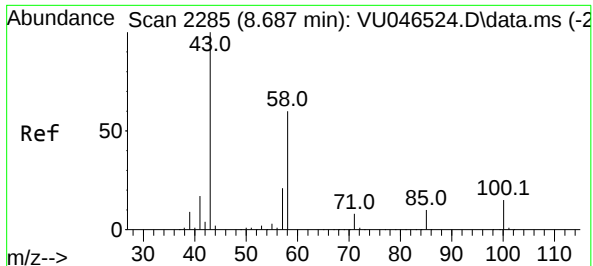
Tgt Ion:	97	Resp:	36548
Ion	Ratio	Lower	Upper
97	100		
99	63.0	42.3	78.5
83	85.9	62.0	115.2
85	54.8	40.1	74.5



#47
Tetrachloroethene
Concen: 4.905 ug/L
RT: 8.555 min Scan# 2244
Delta R.T. -0.000 min
Lab File: VU046547.D
Acq: 22 Dec 2021 00:57

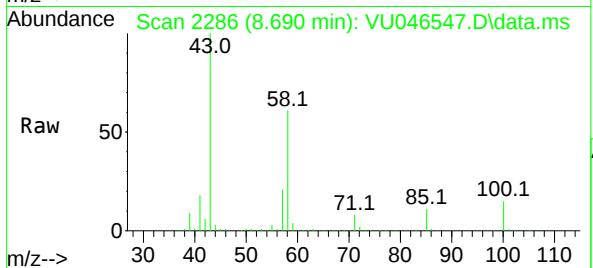
Tgt Ion:	164	Resp:	31432
Ion	Ratio	Lower	Upper
164	100		
129	97.5	71.8	133.4
131	91.7	68.5	127.3
166	127.6	94.1	174.8



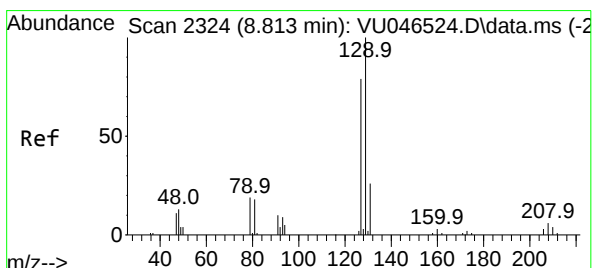
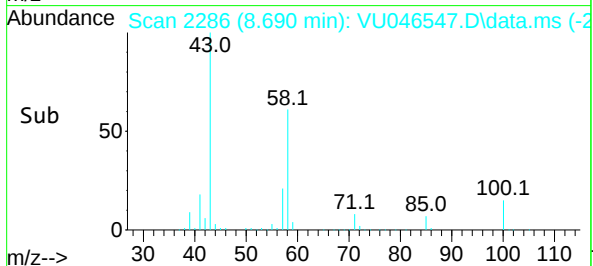
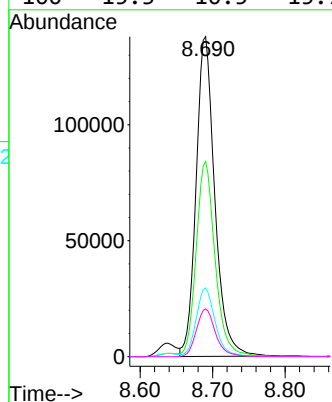


#48
2-Hexanone
Concen: 50.410 ug/L
RT: 8.690 min Scan# 21
Delta R.T. 0.003 min
Lab File: VU046547.D
Acq: 22 Dec 2021 00:57

Instrument :
MSVOA_U
ClientSampleId :

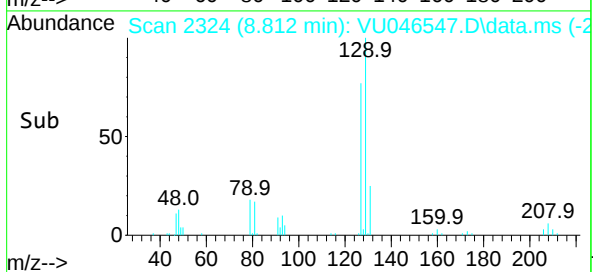
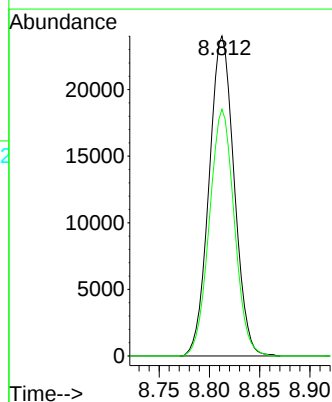
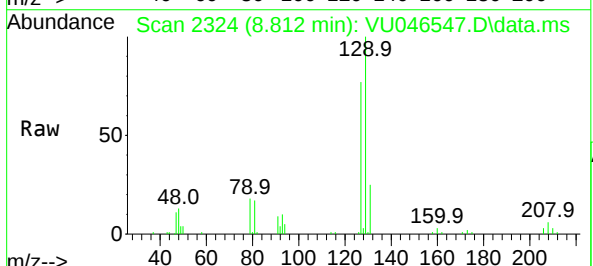


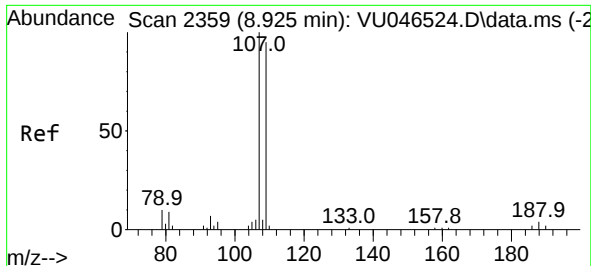
Tgt Ion: 43 Resp: 247658
Ion Ratio Lower Upper
43 100
58 62.0 46.7 70.1
57 21.6 16.3 24.5
100 15.3 10.5 15.7



#49
Dibromochloromethane
Concen: 4.783 ug/L
RT: 8.812 min Scan# 2324
Delta R.T. -0.000 min
Lab File: VU046547.D
Acq: 22 Dec 2021 00:57

Tgt Ion: 129 Resp: 41691
Ion Ratio Lower Upper
129 100
127 77.1 55.4 102.8





#50

1,2-Dibromoethane

Concen: 4.917 ug/L

RT: 8.925 min Scan# 21

Delta R.T. -0.000 min

Lab File: VU046547.D

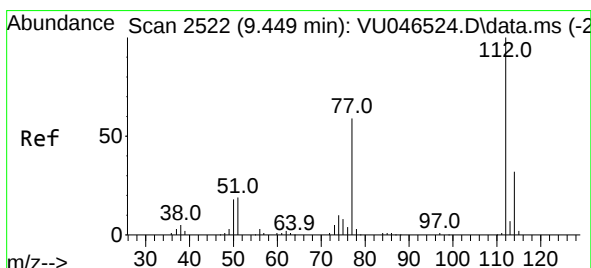
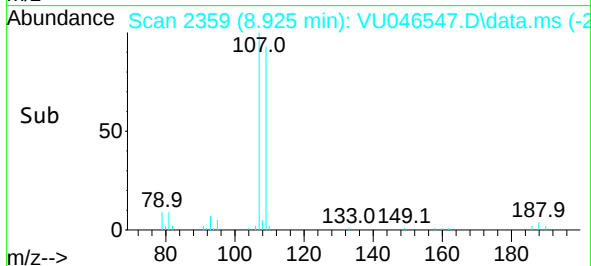
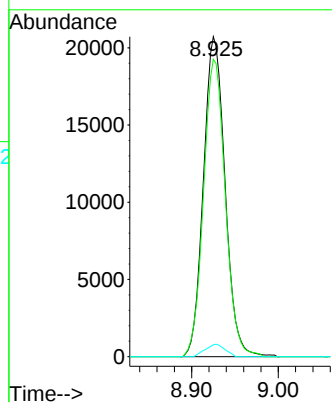
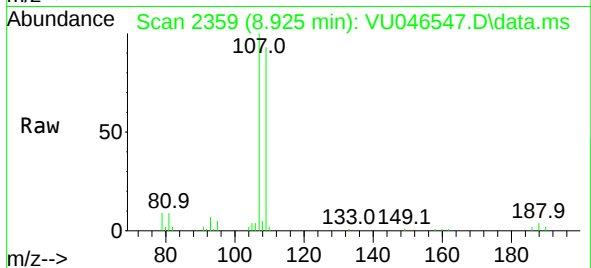
Acq: 22 Dec 2021 00:57

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion:107	Resp:	35868
Ion	Ratio	Lower Upper
107	100	
109	92.9	64.0 119.0
188	3.7	2.4 3.6#



#51

Chlorobenzene

Concen: 4.870 ug/L

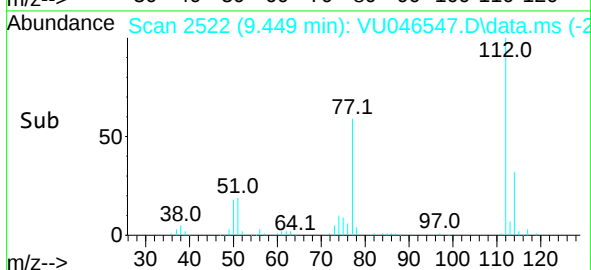
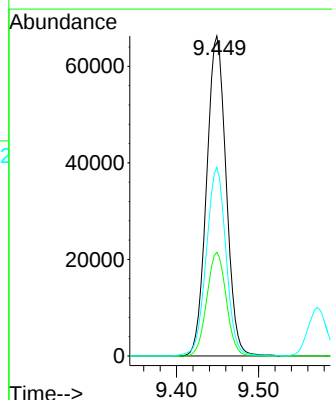
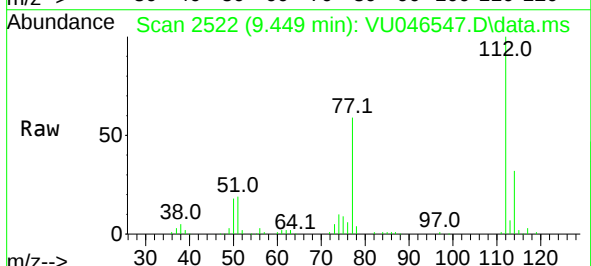
RT: 9.449 min Scan# 2522

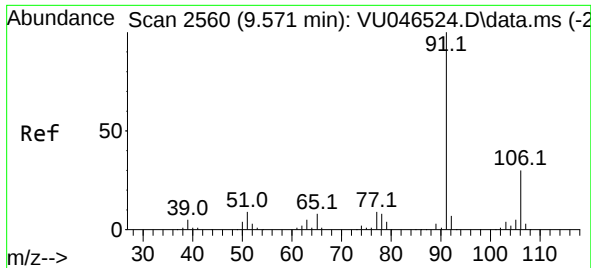
Delta R.T. -0.000 min

Lab File: VU046547.D

Acq: 22 Dec 2021 00:57

Tgt Ion:112	Resp:	109768
Ion	Ratio	Lower Upper
112	100	
114	32.4	22.1 41.1
77	58.9	48.3 72.5

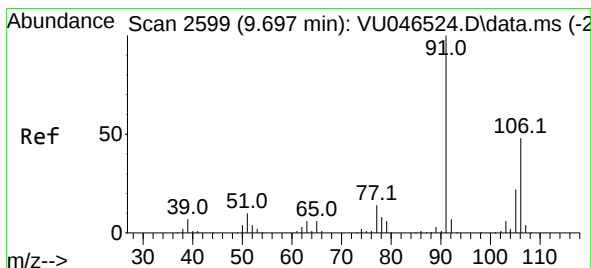
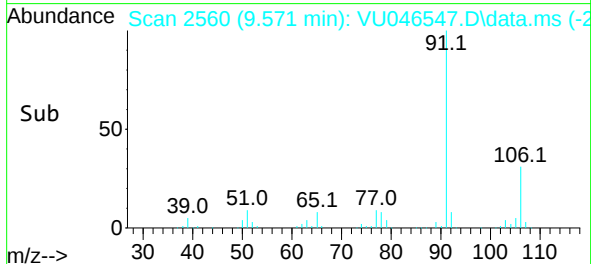
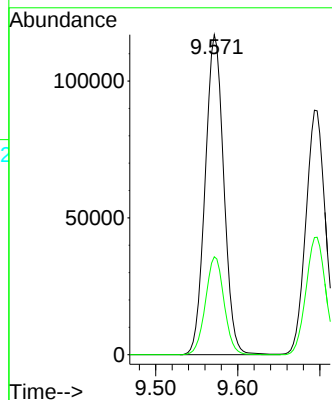
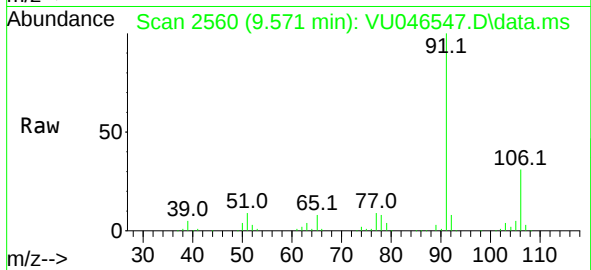




#52
Ethylbenzene
Concen: 5.055 ug/L
RT: 9.571 min Scan# 2560
Delta R.T. -0.000 min
Lab File: VU046547.D
Acq: 22 Dec 2021 00:57

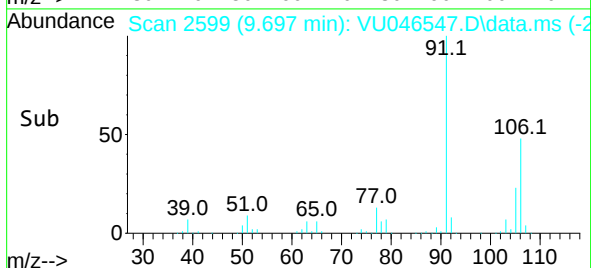
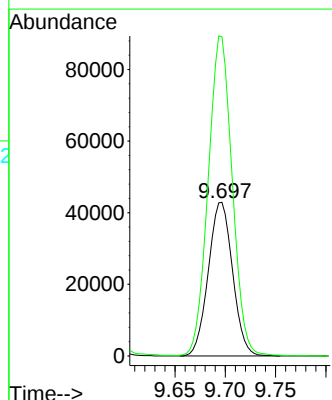
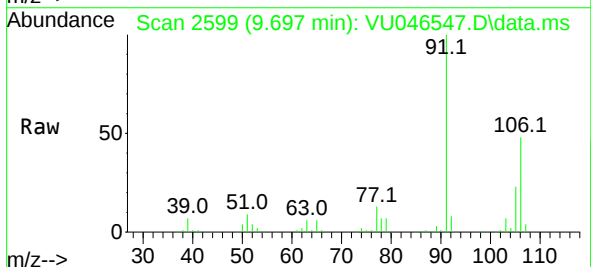
Instrument :
MSVOA_U
ClientSampleId :

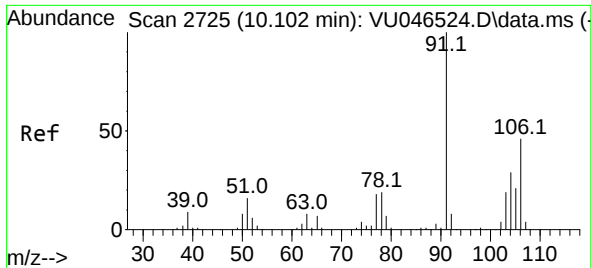
Tgt Ion: 91 Resp: 184500
Ion Ratio Lower Upper
91 100
106 30.6 21.5 39.9



#53
m,p-Xylene
Concen: 5.148 ug/L
RT: 9.697 min Scan# 2599
Delta R.T. -0.000 min
Lab File: VU046547.D
Acq: 22 Dec 2021 00:57

Tgt Ion:106 Resp: 71984
Ion Ratio Lower Upper
106 100
91 207.8 139.4 259.0

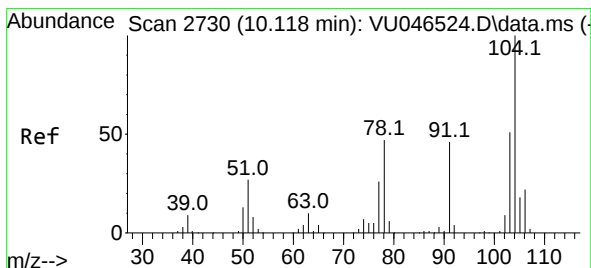
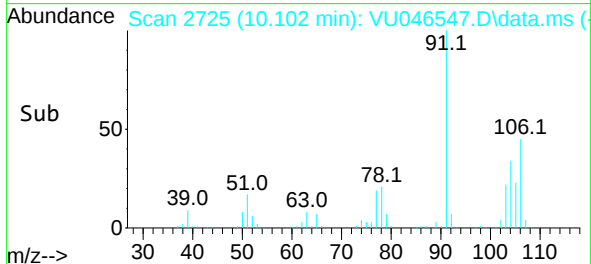
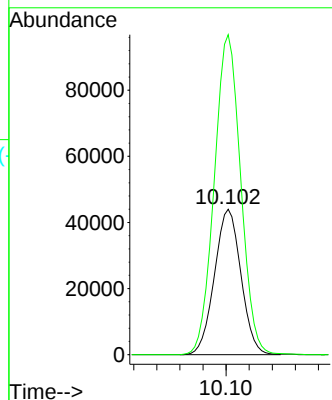
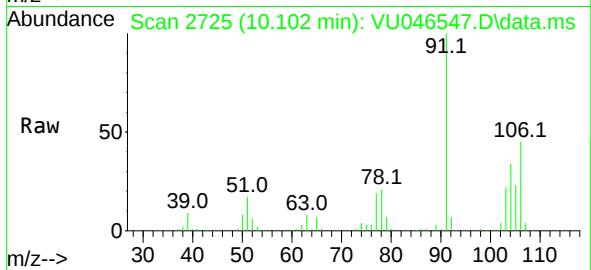




#54
o-Xylene
Concen: 5.208 ug/L
RT: 10.102 min Scan# 2725
Delta R.T. -0.000 min
Lab File: VU046547.D
Acq: 22 Dec 2021 00:57

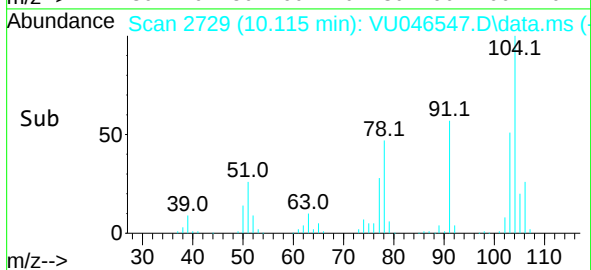
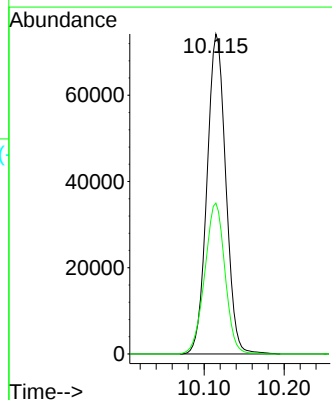
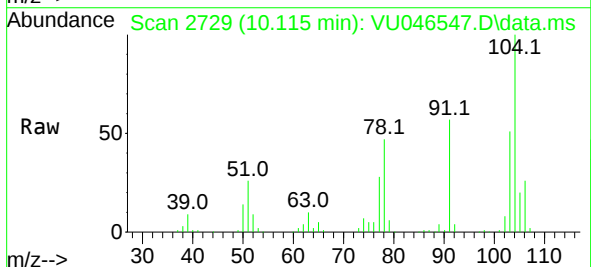
Instrument :
MSVOA_U
ClientSampleId :

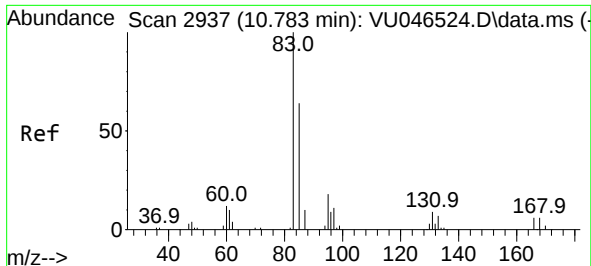
Tgt Ion:106 Resp: 69983
Ion Ratio Lower Upper
106 100
91 220.1 147.5 273.9



#55
Styrene
Concen: 5.209 ug/L
RT: 10.115 min Scan# 2729
Delta R.T. -0.003 min
Lab File: VU046547.D
Acq: 22 Dec 2021 00:57

Tgt Ion:104 Resp: 121405
Ion Ratio Lower Upper
104 100
78 47.1 33.0 61.4





#57

1,1,2-Tetrachloroethane

Concen: 5.058 ug/L

RT: 10.783 min Scan# 2937

Delta R.T. -0.000 min

Lab File: VU046547.D

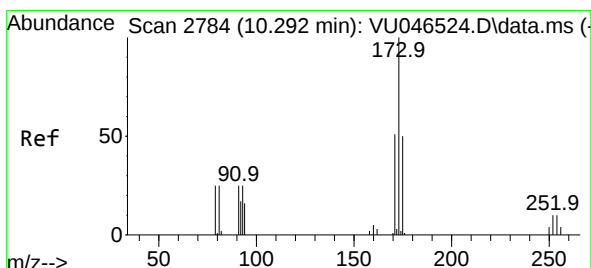
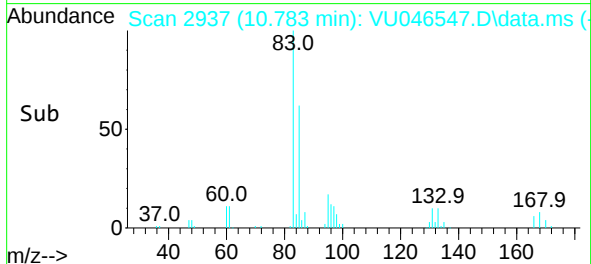
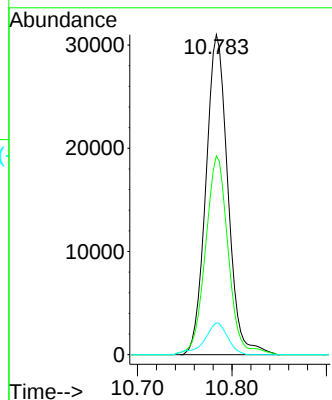
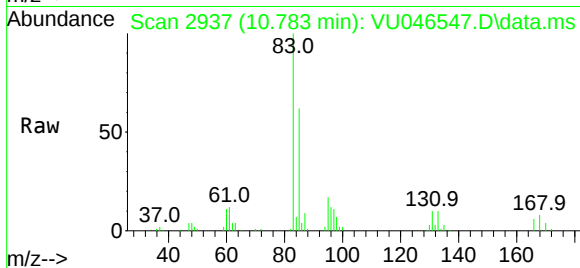
Acq: 22 Dec 2021 00:57

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion: 83	Resp: 49957
Ion Ratio	Lower Upper
83 100	
85 62.2	47.9 89.1
131 9.9	8.1 12.1



#59

Bromoform

Concen: 4.848 ug/L

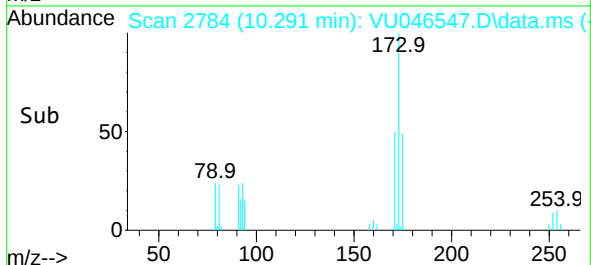
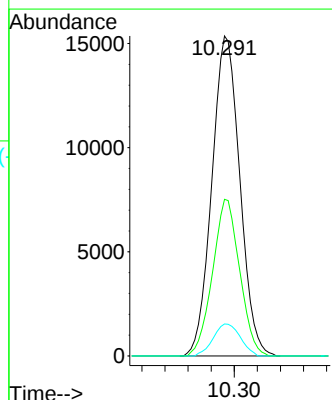
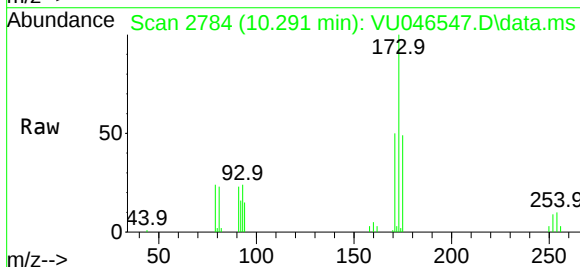
RT: 10.291 min Scan# 2784

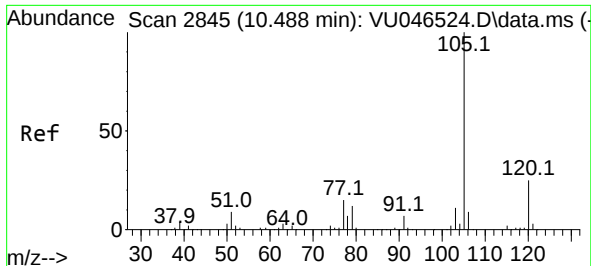
Delta R.T. -0.000 min

Lab File: VU046547.D

Acq: 22 Dec 2021 00:57

Tgt Ion: 173	Resp: 25798
Ion Ratio	Lower Upper
173 100	
175 47.4	37.8 56.6
254 9.7	7.3 10.9

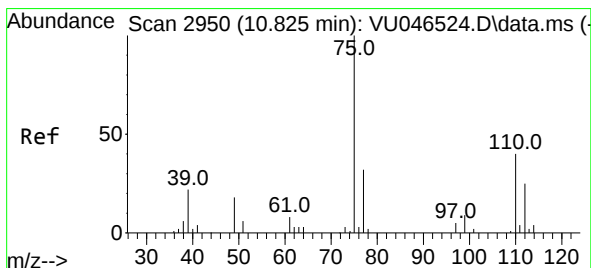
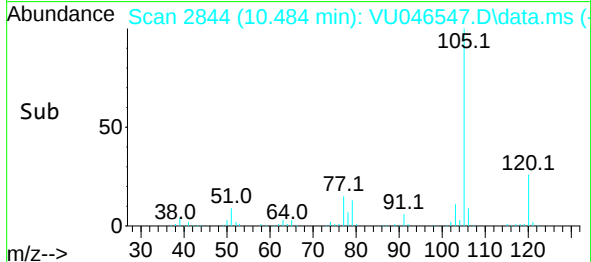
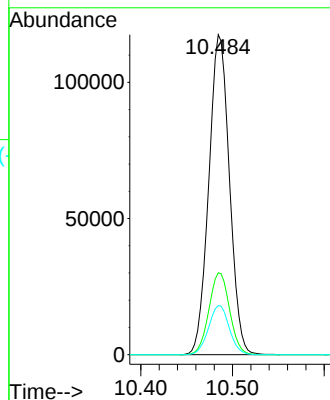
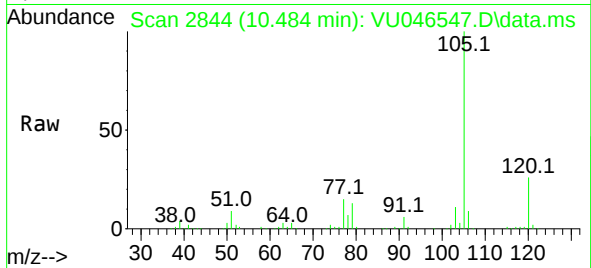




#60
Isopropylbenzene
Concen: 5.172 ug/L
RT: 10.484 min Scan# 2845
Delta R.T. -0.003 min
Lab File: VU046547.D
Acq: 22 Dec 2021 00:57

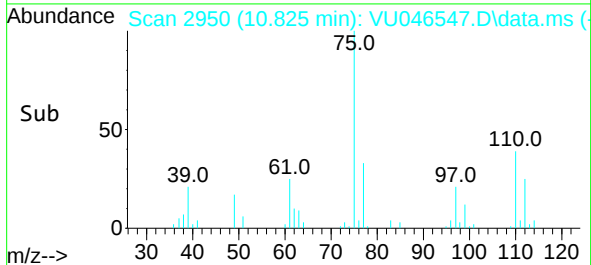
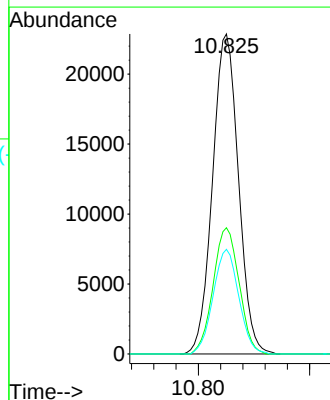
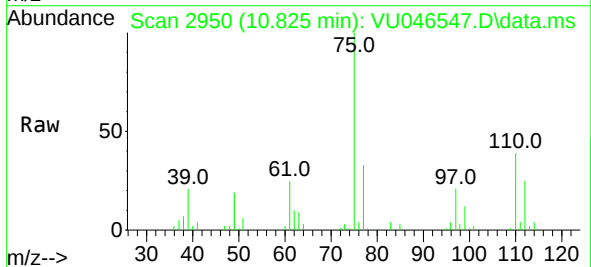
Instrument :
MSVOA_U
ClientSampleId :

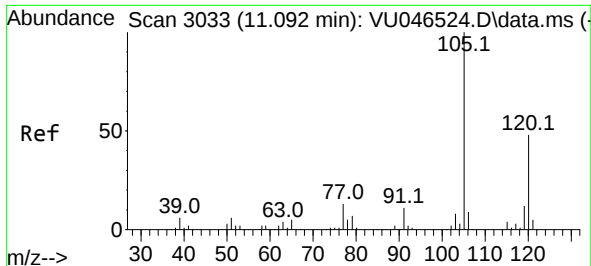
Tgt Ion:105 Resp: 183748
Ion Ratio Lower Upper
105 100
120 25.7 20.7 31.1
77 15.4 12.6 19.0



#61
1,2,3-Trichloropropane
Concen: 4.822 ug/L
RT: 10.825 min Scan# 2950
Delta R.T. -0.000 min
Lab File: VU046547.D
Acq: 22 Dec 2021 00:57

Tgt Ion: 75 Resp: 36892
Ion Ratio Lower Upper
75 100
110 39.5 29.9 44.9
77 32.4 25.5 38.3





#62

1,3,5-Trimethylbenzene

Concen: 5.241 ug/L

RT: 11.089 min Scan# 3033

Delta R.T. -0.003 min

Lab File: VU046547.D

Acq: 22 Dec 2021 00:57

Instrument :

MSVOA_U

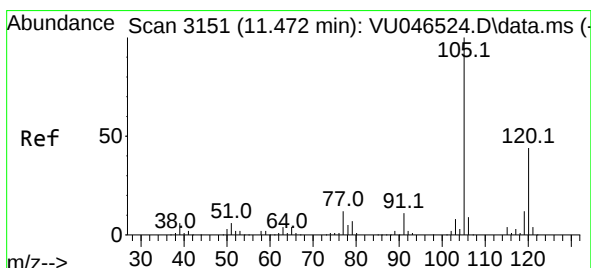
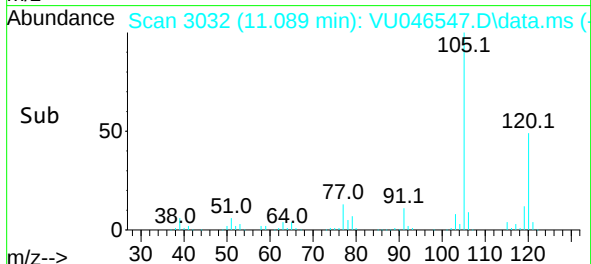
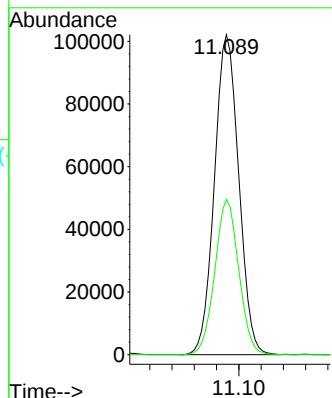
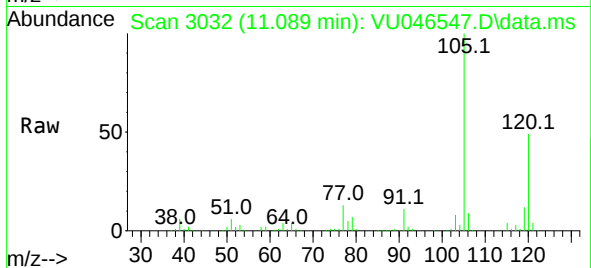
ClientSampleId :

Tgt Ion:105 Resp: 154854

Ion Ratio Lower Upper

105 100

120 47.8 38.3 57.5



#63

1,2,4-Trimethylbenzene

Concen: 5.355 ug/L

RT: 11.468 min Scan# 3150

Delta R.T. -0.003 min

Lab File: VU046547.D

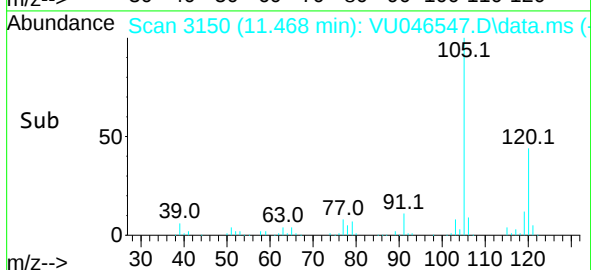
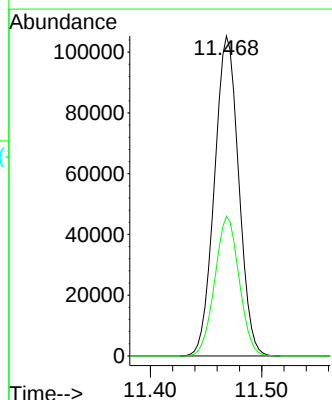
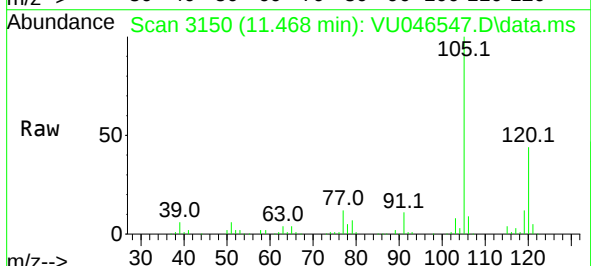
Acq: 22 Dec 2021 00:57

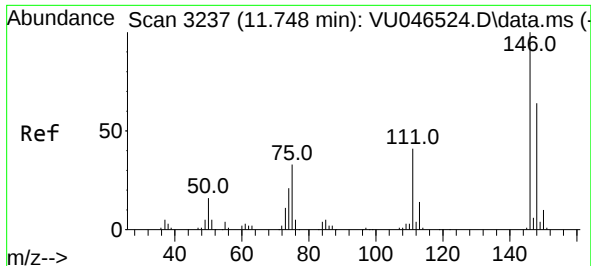
Tgt Ion:105 Resp: 159342

Ion Ratio Lower Upper

105 100

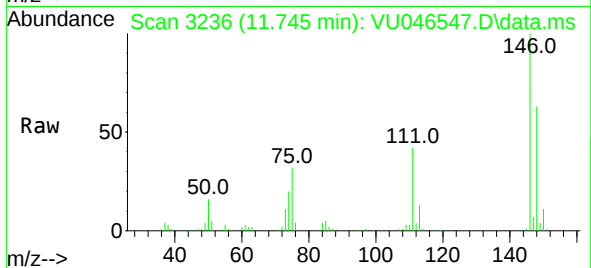
120 43.8 35.8 53.8



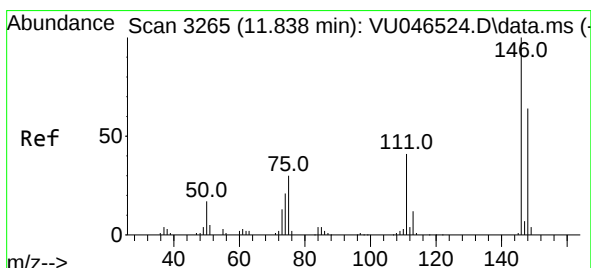
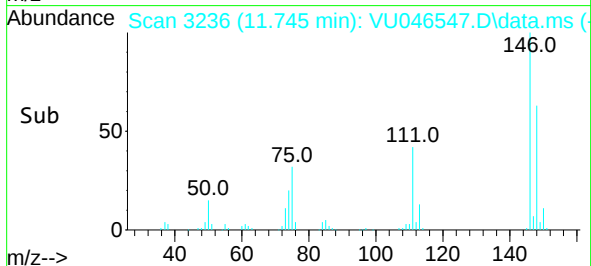
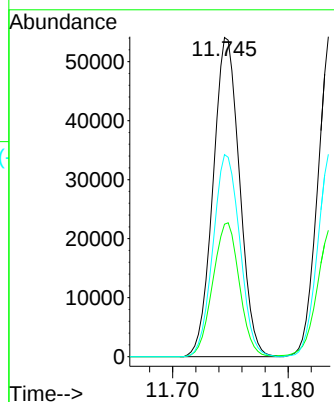


#64
1,3-Dichlorobenzene
Concen: 4.992 ug/L
RT: 11.745 min Scan# 31
Delta R.T. -0.003 min
Lab File: VU046547.D
Acq: 22 Dec 2021 00:57

Instrument :
MSVOA_U
ClientSampleId :

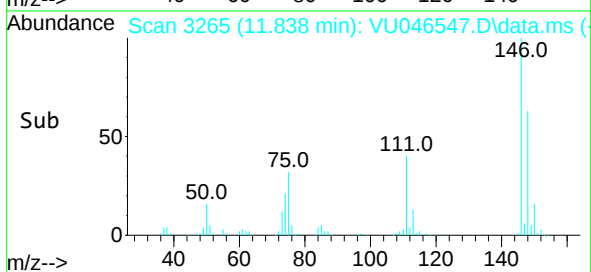
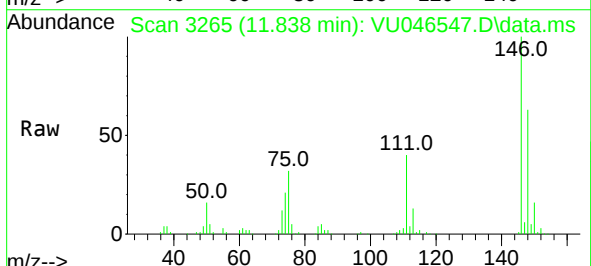
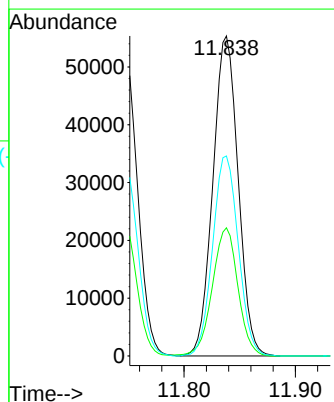


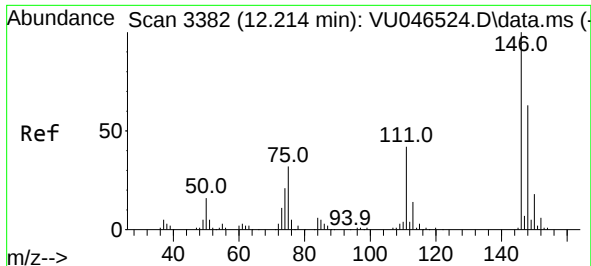
Tgt Ion:146 Resp: 86204
Ion Ratio Lower Upper
146 100
111 41.5 29.9 55.5
148 63.3 44.3 82.3



#65
1,4-Dichlorobenzene
Concen: 4.943 ug/L
RT: 11.838 min Scan# 3265
Delta R.T. -0.000 min
Lab File: VU046547.D
Acq: 22 Dec 2021 00:57

Tgt Ion:146 Resp: 87376
Ion Ratio Lower Upper
146 100
111 40.0 28.7 53.3
148 62.5 45.8 85.0





#67

1,2-Dichlorobenzene

Concen: 4.941 ug/L

RT: 12.214 min Scan# 31

Delta R.T. -0.000 min

Lab File: VU046547.D

Acq: 22 Dec 2021 00:57

Instrument :

MSVOA_U

ClientSampleId :

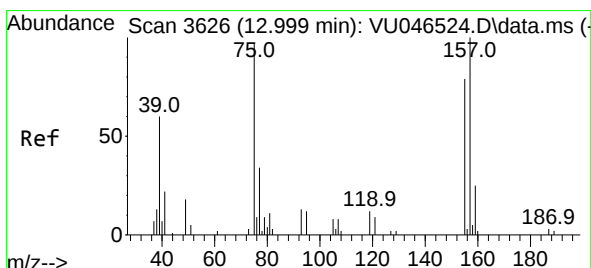
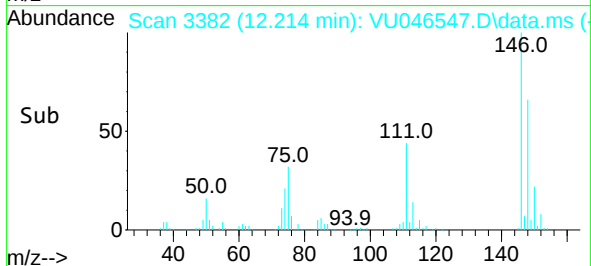
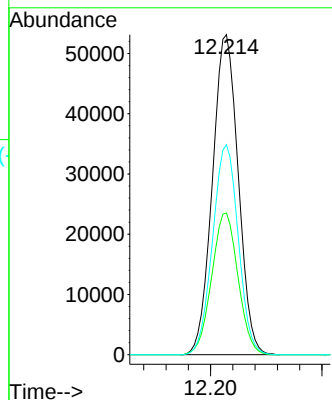
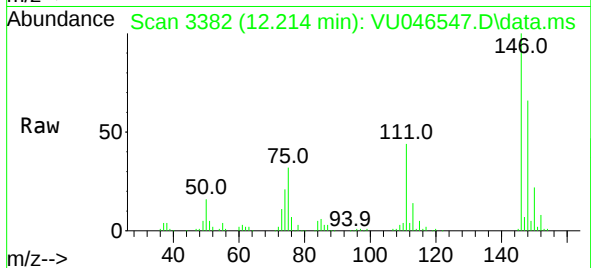
Tgt Ion:146 Resp: 85589

Ion Ratio Lower Upper

146 100

111 44.3 35.4 53.0

148 65.6 51.1 76.7



#68

1,2-Dibromo-3-chloropropane

Concen: 5.101 ug/L

RT: 12.996 min Scan# 3625

Delta R.T. -0.003 min

Lab File: VU046547.D

Acq: 22 Dec 2021 00:57

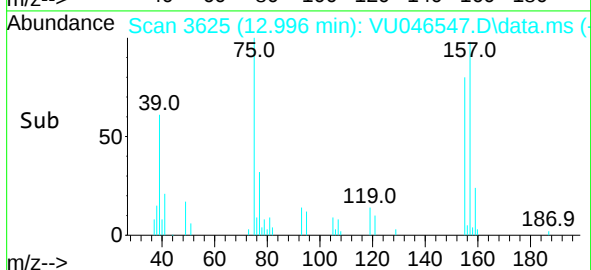
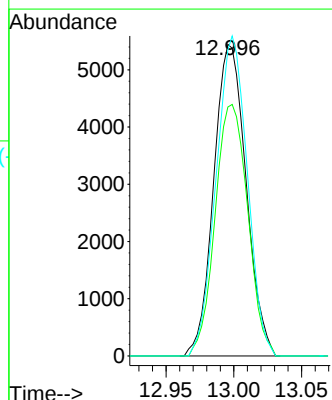
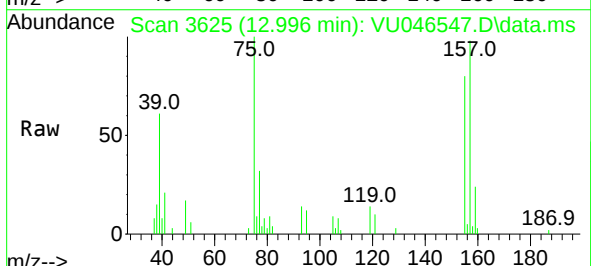
Tgt Ion: 75 Resp: 9033

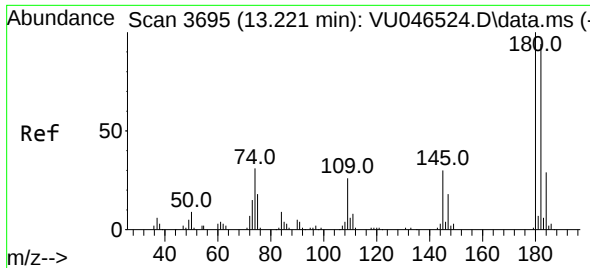
Ion Ratio Lower Upper

75 100

155 79.9 59.2 88.8

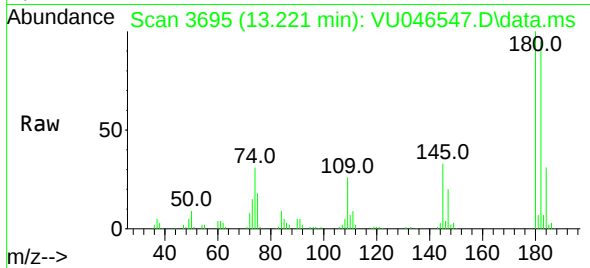
157 98.3 76.5 114.7



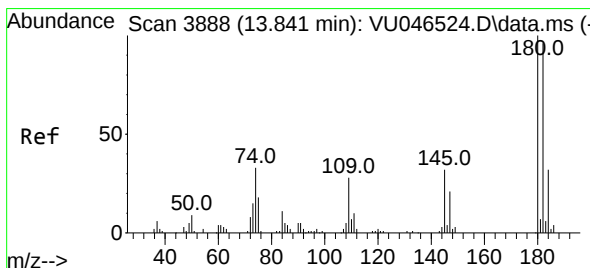
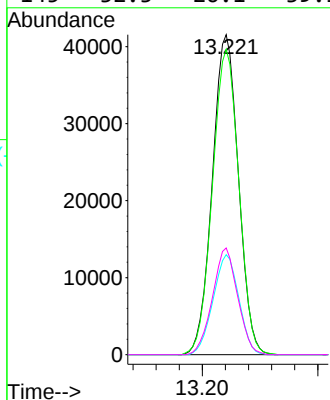
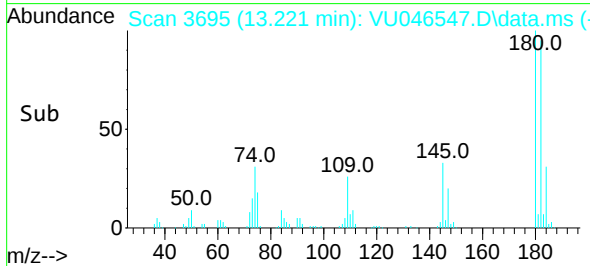


#69
 1,3,5-Trichlorobenzene
 Concen: 4.973 ug/L
 RT: 13.221 min Scan# 3695
 Delta R.T. -0.000 min
 Lab File: VU046547.D
 Acq: 22 Dec 2021 00:57

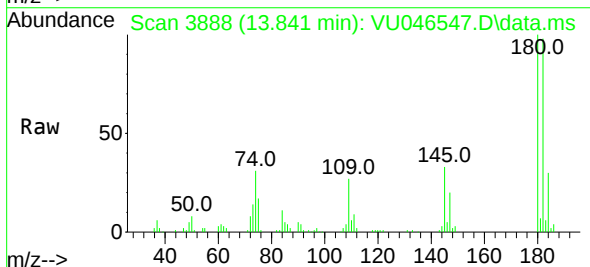
Instrument :
 MSVOA_U
 ClientSampleId :



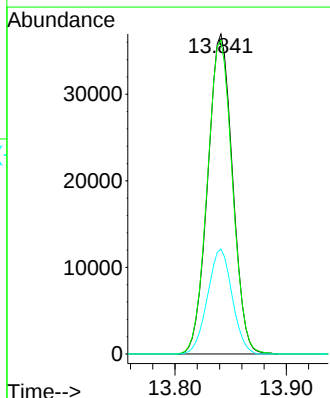
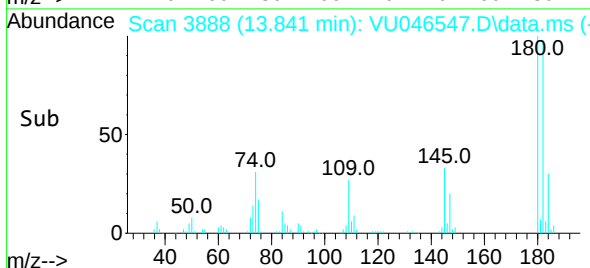
Tgt Ion:180 Resp: 64988
 Ion Ratio Lower Upper
 180 100
 182 96.7 76.1 114.1
 184 30.8 25.0 37.4
 145 32.3 26.1 39.1

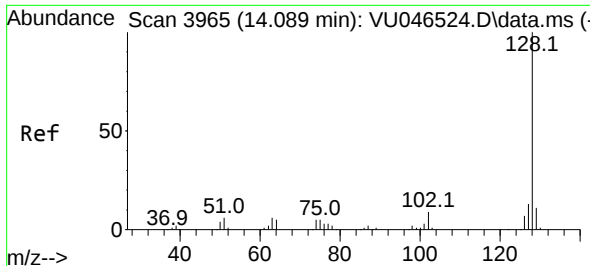


#70
 1,2,4-trichlorobenzene
 Concen: 5.163 ug/L
 RT: 13.841 min Scan# 3888
 Delta R.T. -0.000 min
 Lab File: VU046547.D
 Acq: 22 Dec 2021 00:57



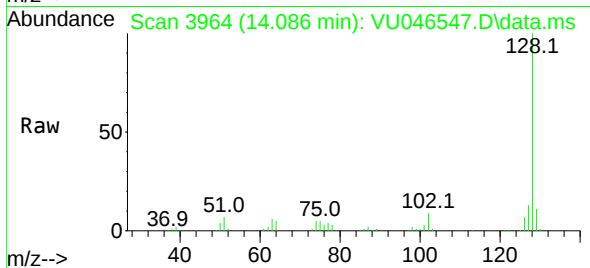
Tgt Ion:180 Resp: 57159
 Ion Ratio Lower Upper
 180 100
 182 99.1 76.4 114.6
 145 32.6 25.6 38.4



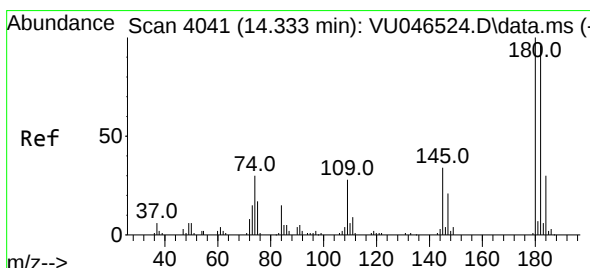
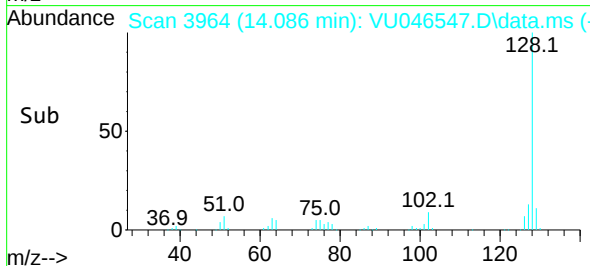
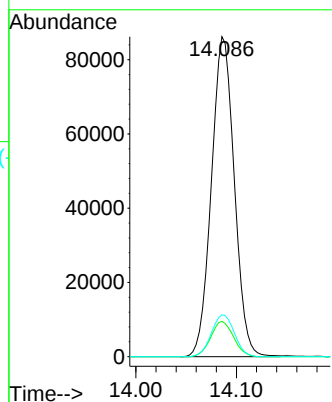


#71
Naphthalene
Concen: 5.546 ug/L
RT: 14.086 min Scan# 3965
Delta R.T. -0.003 min
Lab File: VU046547.D
Acq: 22 Dec 2021 00:57

Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion:128 Resp: 136345
Ion Ratio Lower Upper
128 100
129 10.9 8.4 12.6
127 13.2 10.2 15.2



#72
1,2,3-Trichlorobenzene
Concen: 5.390 ug/L
RT: 14.330 min Scan# 4040
Delta R.T. -0.003 min
Lab File: VU046547.D
Acq: 22 Dec 2021 00:57

Tgt Ion:180 Resp: 59072
Ion Ratio Lower Upper
180 100
182 94.7 76.2 114.4
145 33.4 28.4 42.6

