

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU100921\
 Data File : VU045274.D
 Acq On : 09 Oct 2021 19:48
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Oct 11 01:49:40 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092321WMA.M
 Quant Title : VOC Analysis
 QLast Update : Mon Oct 11 01:47:08 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.253	114	281395	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	275180	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.816	152	137194	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	138651	45.010	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	90.020%
7) Chloroethane-d5	1.893	69	110341	45.202	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	90.400%
11) 1,1-Dichloroethene-d2	2.565	63	232243	44.894	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	89.780%
21) 2-Butanone-d5	4.626	46	209581	86.059	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	86.060%
24) Chloroform-d	5.067	84	225550	46.359	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.720%
26) 1,2-Dichloroethane-d4	5.707	65	150781	45.753	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.500%
32) Benzene-d6	5.732	84	456738	47.833	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.660%
36) 1,2-Dichloropropane-d6	6.694	67	145871	46.851	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	93.700%
41) Toluene-d8	7.903	98	399873	48.526	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	97.060%
43) trans-1,3-Dichloroprop...	8.182	79	67426	48.684	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	97.360%
47) 2-Hexanone-d5	8.636	63	148740	86.206	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	86.210%
56) 1,1,2,2-Tetrachloroeth...	10.761	84	224114	46.225	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	92.460%
66) 1,2-Dichlorobenzene-d4	12.195	152	146411	49.037	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	98.080%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.385	85	129626	48.110	ug/L	99
3) Chloromethane	1.523	50	142735	42.501	ug/L	100
5) Vinyl chloride	1.604	62	157612	47.902	ug/L	97
6) Bromomethane	1.832	94	58672	37.178	ug/L	100
8) Chloroethane	1.919	64	100850	48.836	ug/L	99
9) Trichlorofluoromethane	2.131	101	181300	48.141	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.578	101	113633	47.805	ug/L	99
12) 1,1-Dichloroethene	2.578	96	106601	48.920	ug/L	86
13) Acetone	2.633	43	151650	53.870	ug/L	99
14) Carbon disulfide	2.790	76	314534	45.055	ug/L	100
15) Methyl Acetate	2.951	43	156360	45.036	ug/L	98
16) Methylene chloride	3.047	84	133329	48.296	ug/L	95
17) trans-1,2-Dichloroethene	3.353	96	113906	49.622	ug/L	95
18) Methyl tert-butyl Ether	3.369	73	406558	53.713	ug/L	98
19) 1,1-Dichloroethane	3.874	63	233555	48.907	ug/L	100
20) cis-1,2-Dichloroethene	4.668	96	131670	52.055	ug/L	91
22) 2-Butanone	4.707	43	233464	74.099	ug/L	97
23) Bromochloromethane	4.980	128	62797	48.973	ug/L	96
25) Chloroform	5.092	83	233142	49.108	ug/L	99

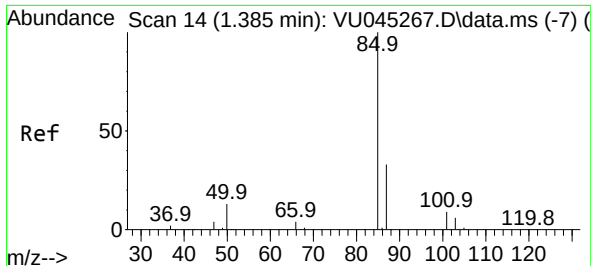
Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU100921\
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 Quant Title : VOC Analysis
 QLast Update : Mon Oct 11 01:47:08 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.797	62	193620	48.761	ug/L	100
29) Cyclohexane	5.391	56	206889	50.018	ug/L	98
30) 1,1,1-Trichloroethane	5.321	97	189567	49.765	ug/L	99
31) Carbon tetrachloride	5.526	117	145027	48.204	ug/L	98
33) Benzene	5.777	78	519202	50.871	ug/L	100
34) Trichloroethene	6.546	95	123788	50.496	ug/L	96
35) Methylcyclohexane	6.768	83	204893	49.922	ug/L	99
37) 1,2-Dichloropropane	6.793	63	137975	49.652	ug/L	99
38) Bromodichloromethane	7.108	83	172883	50.754	ug/L	97
39) cis-1,3-Dichloropropene	7.610	75	201056	50.566	ug/L	100
40) 4-Methyl-2-pentanone	7.796	43	449213	96.770	ug/L	97
42) Toluene	7.973	91	540841	52.154	ug/L	98
44) trans-1,3-Dichloropropene	8.214	75	196610	52.003	ug/L	98
45) 1,1,2-Trichloroethane	8.404	97	131686	52.291	ug/L	99
46) Tetrachloroethene	8.555	164	85965	49.061	ug/L	97
48) 2-Hexanone	8.687	43	351521	85.395	ug/L	98
49) Dibromochloromethane	8.812	129	124071	49.815	ug/L	99
50) 1,2-Dibromoethane	8.928	107	136577	51.798	ug/L	99
51) Chlorobenzene	9.449	112	328890	51.372	ug/L	99
52) Ethylbenzene	9.575	91	583155	53.232	ug/L	99
53) m,p-Xylene	9.697	106	224093	53.998	ug/L	98
54) o-xylene	10.105	106	223938	54.913	ug/L	100
55) Styrene	10.118	104	385138	54.917	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.787	83	236208	48.986	ug/L	99
59) Bromoform	10.295	173	88465	51.992	ug/L	99
60) 1,2,3-Trichloropropane	10.825	75	191947	50.585	ug/L	100
61) Isopropylbenzene	10.488	105	574109	57.179	ug/L	100
62) 1,3,5-Trimethylbenzene	11.092	105	486459	58.014	ug/L	99
63) 1,2,4-Trimethylbenzene	11.472	105	492632	57.373	ug/L	100
64) 1,3-Dichlorobenzene	11.748	146	243826	52.548	ug/L	100
65) 1,4-Dichlorobenzene	11.838	146	243314	51.109	ug/L	100
67) 1,2-Dichlorobenzene	12.214	146	249321	52.341	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.999	75	50399	46.218	ug/L	99
69) 1,3,5-Trichlorobenzene	13.221	180	164555	51.102	ug/L	98
70) 1,2,4-trichlorobenzene	13.844	180	137009	51.201	ug/L	99
71) Naphthalene	14.089	128	494985	53.380	ug/L	100
72) 1,2,3-Trichlorobenzene	14.333	180	138305	50.517	ug/L	100

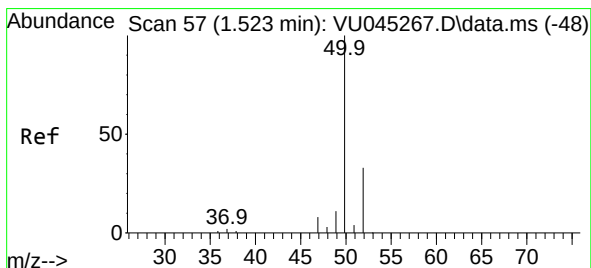
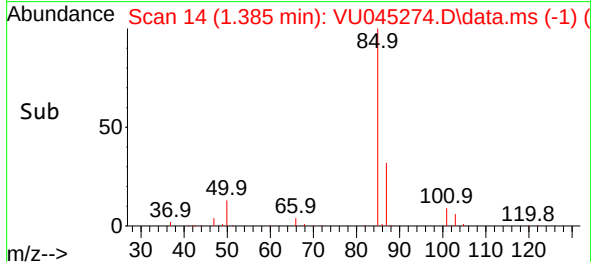
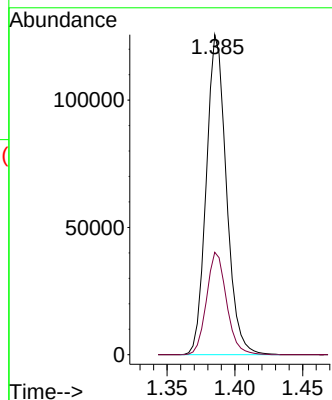
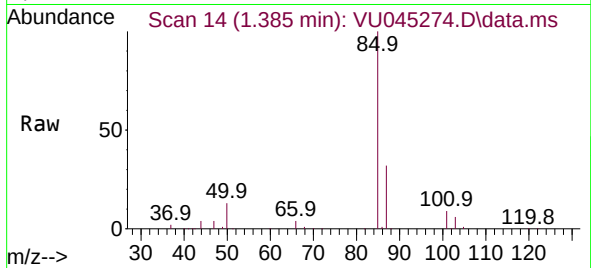
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#2
 Dichlorodifluoromethane
 Concen: 48.110 ug/L
 RT: 1.385 min Scan# 14
 Delta R.T. -0.000 min
 Lab File: VU045274.D
 Acq: 09 Oct 2021 19:48

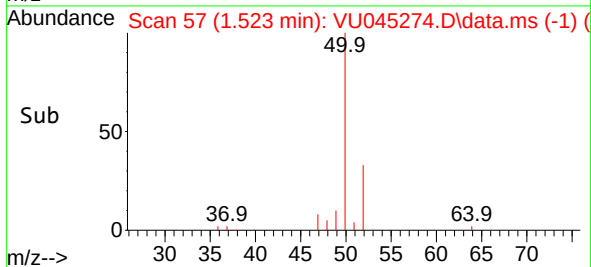
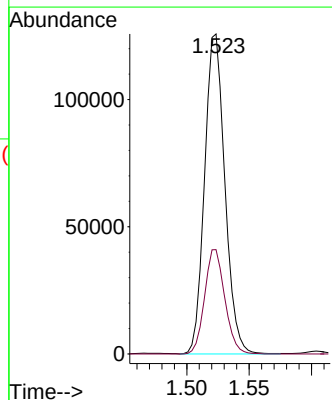
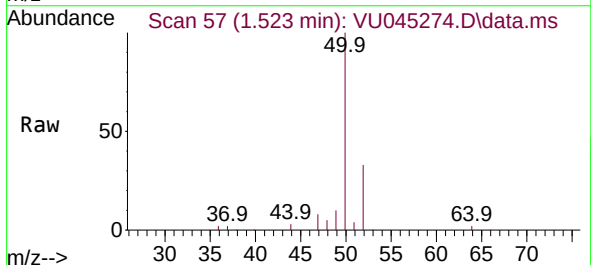
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 MSVOA_U
 ClientSampled :

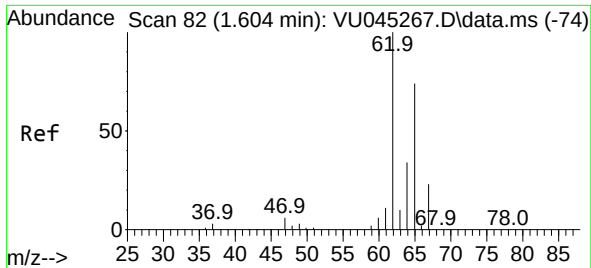
Tgt Ion: 85 Resp: 129626
 Ion Ratio Lower Upper
 85 100
 87 31.8 25.2 37.8



#3
 Chloromethane
 Concen: 42.501 ug/L
 RT: 1.523 min Scan# 57
 Delta R.T. -0.000 min
 Lab File: VU045274.D
 Acq: 09 Oct 2021 19:48

Tgt Ion: 50 Resp: 142735
 Ion Ratio Lower Upper
 50 100
 52 32.6 23.0 42.8

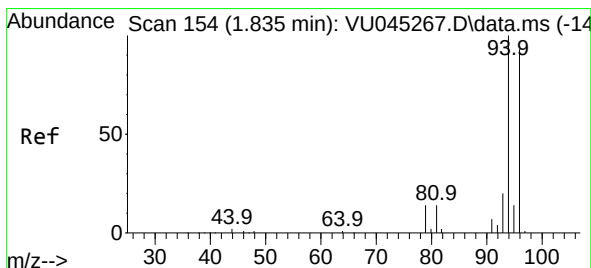
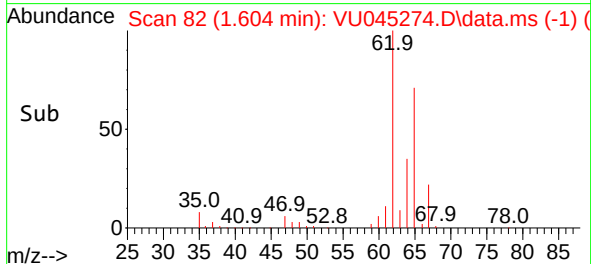
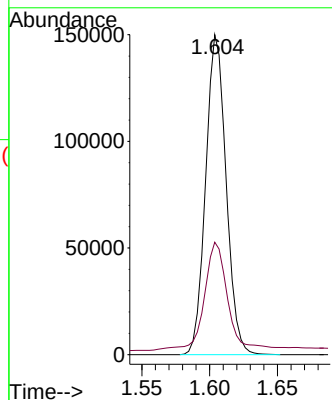
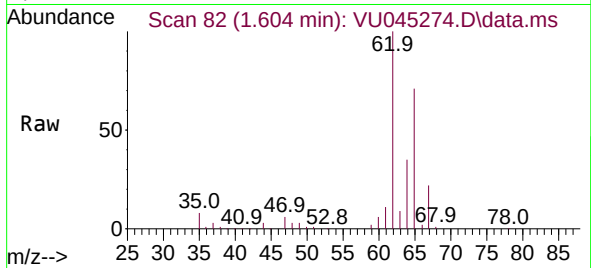




#5
 Vinyl chloride
 Concen: 47.902 ug/L
 RT: 1.604 min Scan# 82
 Delta R.T. -0.000 min
 Lab File: VU045274.D
 Acq: 09 Oct 2021 19:48

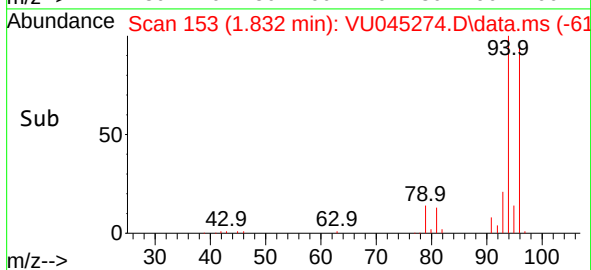
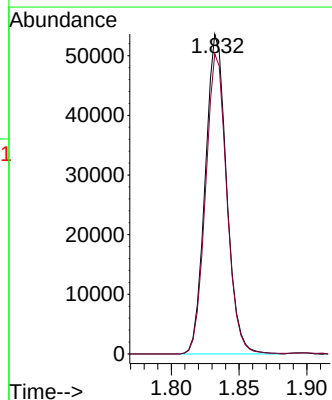
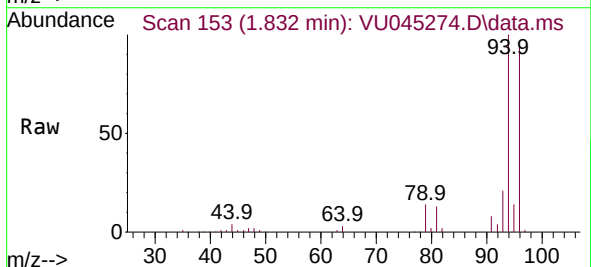
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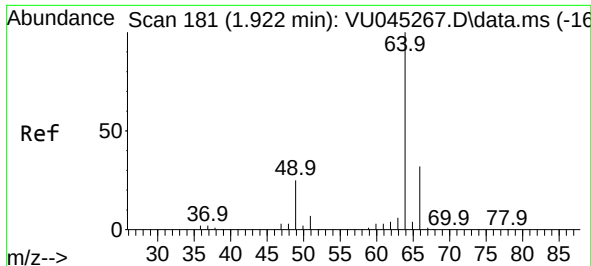
Tgt Ion: 62 Resp: 157612
 Ion Ratio Lower Upper
 62 100
 64 35.2 23.4 43.6



#6
 Bromomethane
 Concen: 37.178 ug/L
 RT: 1.832 min Scan# 153
 Delta R.T. -0.003 min
 Lab File: VU045274.D
 Acq: 09 Oct 2021 19:48

Tgt Ion: 94 Resp: 58672
 Ion Ratio Lower Upper
 94 100
 96 93.8 65.7 121.9

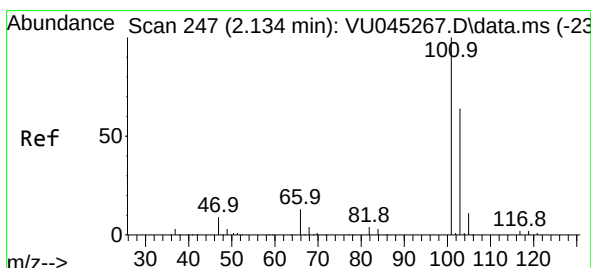
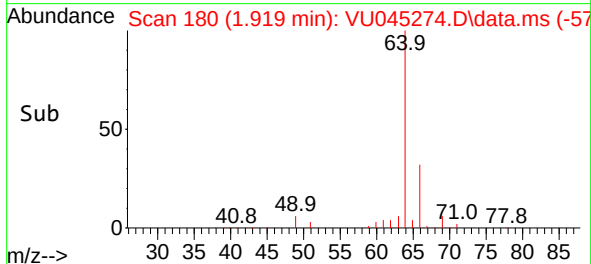
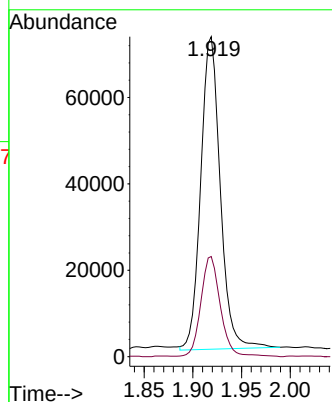
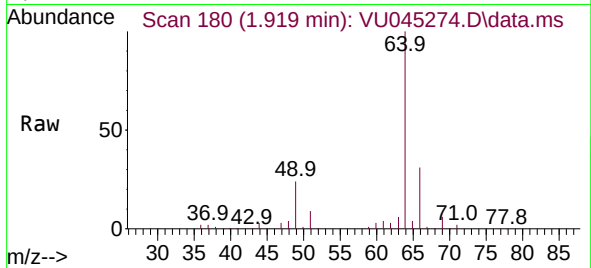




#8
Chloroethane
Concen: 48.836 ug/L
RT: 1.919 min Scan# 180
Delta R.T. -0.003 min
Lab File: VU045274.D
Acq: 09 Oct 2021 19:48

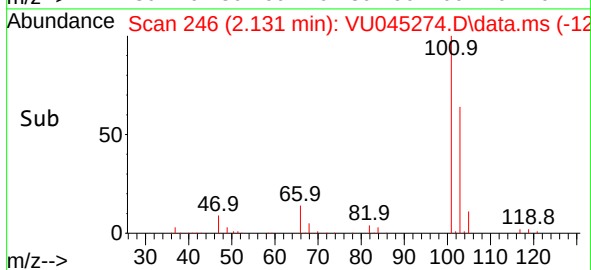
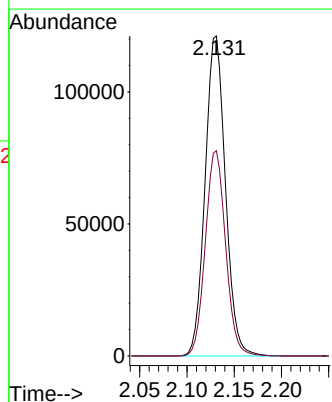
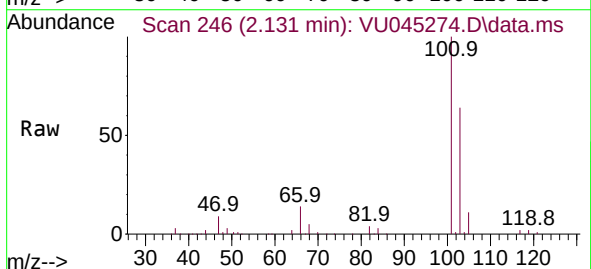
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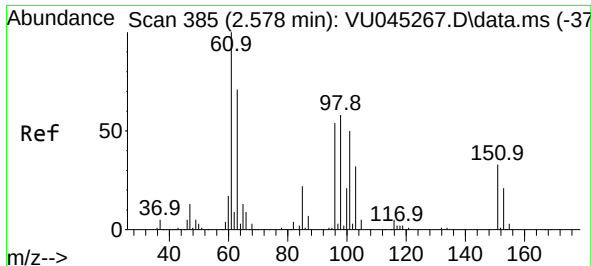
Tgt Ion: 64 Resp: 100850
Ion Ratio Lower Upper
64 100
66 31.3 22.3 41.3



#9
Trichlorofluoromethane
Concen: 48.141 ug/L
RT: 2.131 min Scan# 246
Delta R.T. -0.003 min
Lab File: VU045274.D
Acq: 09 Oct 2021 19:48

Tgt Ion:101 Resp: 181300
Ion Ratio Lower Upper
101 100
103 64.1 50.9 76.3

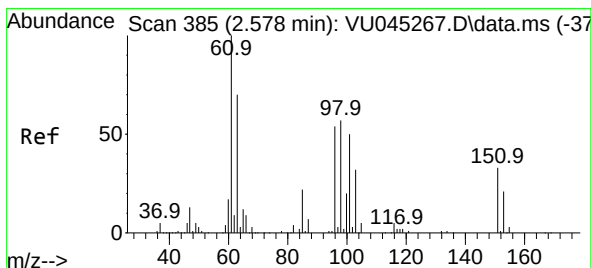
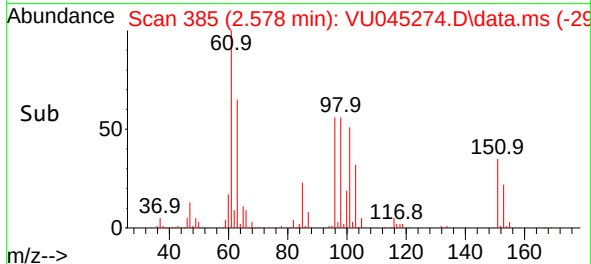
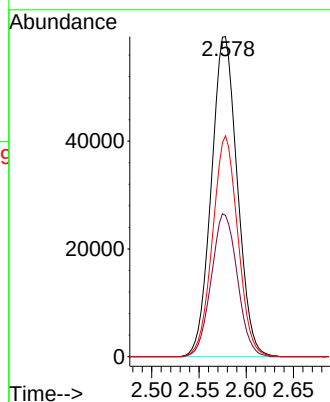
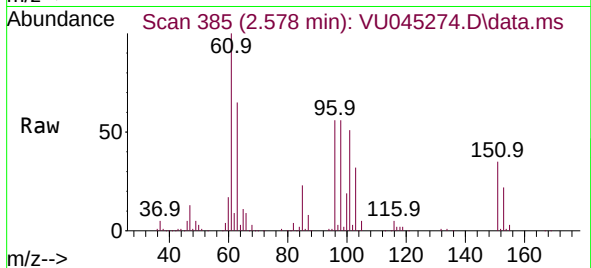




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 47.805 ug/L
 RT: 2.578 min Scan# 385
 Delta R.T. -0.000 min
 Lab File: VU045274.D
 Acq: 09 Oct 2021 19:48

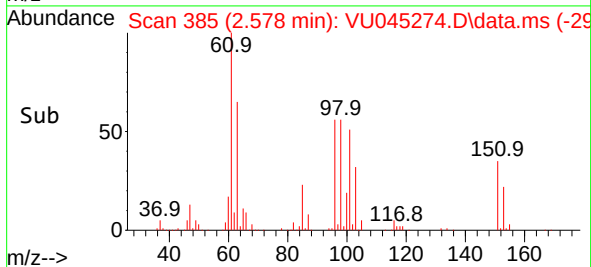
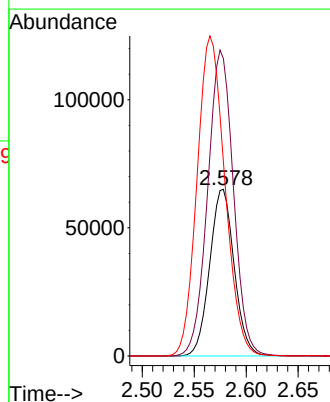
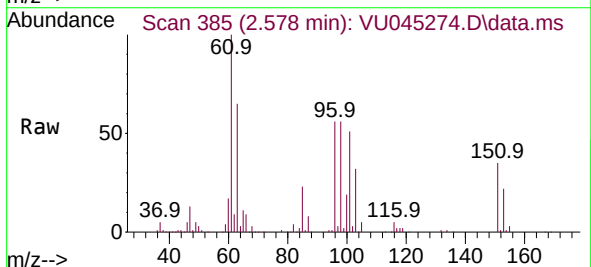
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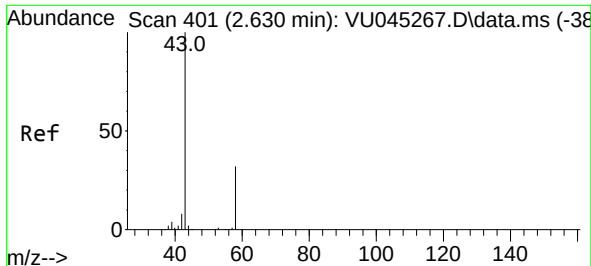
Tgt Ion:101 Resp: 113633
 Ion Ratio Lower Upper
 101 100
 85 44.8 36.4 54.6
 151 67.2 54.4 81.6



#12
 1,1-Dichloroethene
 Concen: 48.920 ug/L
 RT: 2.578 min Scan# 385
 Delta R.T. -0.000 min
 Lab File: VU045274.D
 Acq: 09 Oct 2021 19:48

Tgt Ion: 96 Resp: 106601
 Ion Ratio Lower Upper
 96 100
 61 178.6 131.3 243.9
 63 116.6 102.5 190.3

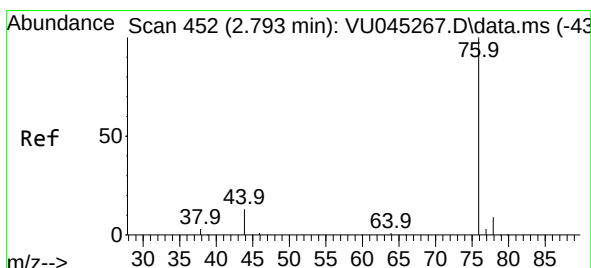
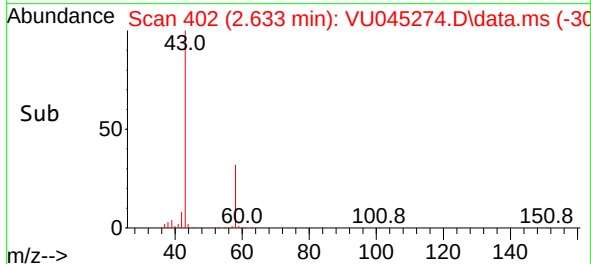
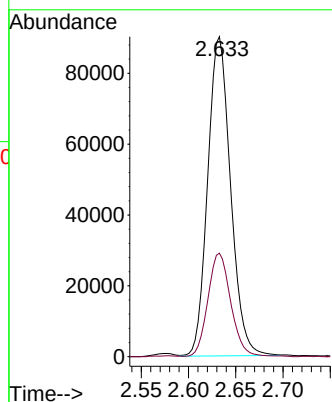
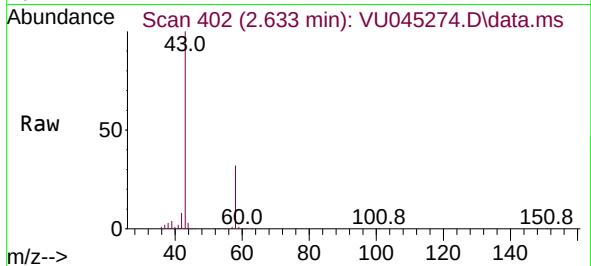




#13
Acetone
Concen: 53.870 ug/L
RT: 2.633 min Scan# 402
Delta R.T. 0.003 min
Lab File: VU045274.D
Acq: 09 Oct 2021 19:48

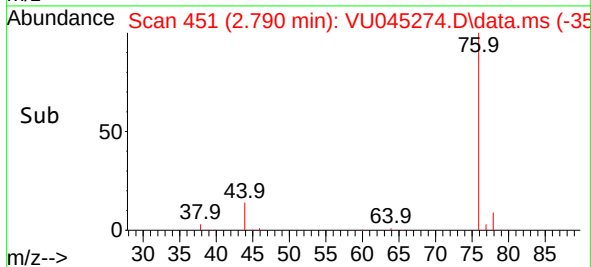
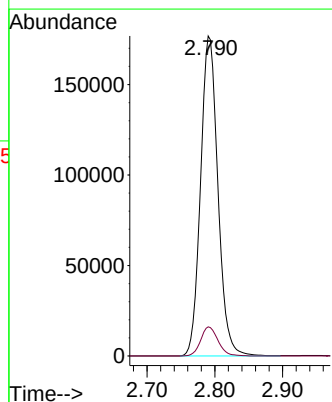
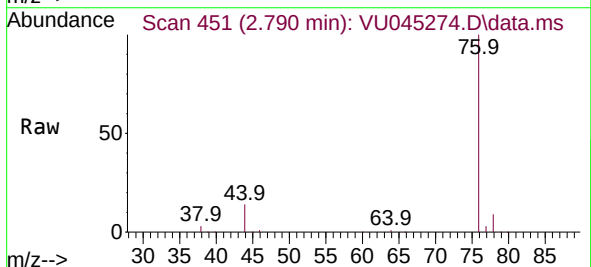
Instrument :
MSVOA_U
ClientSampled :

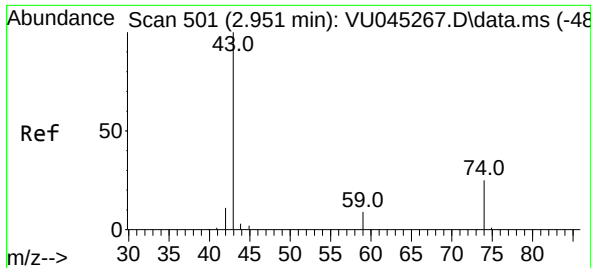
Tgt Ion: 43 Resp: 151650
Ion Ratio Lower Upper
43 100
58 32.1 0.0 62.8



#14
Carbon disulfide
Concen: 45.055 ug/L
RT: 2.790 min Scan# 451
Delta R.T. -0.003 min
Lab File: VU045274.D
Acq: 09 Oct 2021 19:48

Tgt Ion: 76 Resp: 314534
Ion Ratio Lower Upper
76 100
78 9.1 7.3 10.9

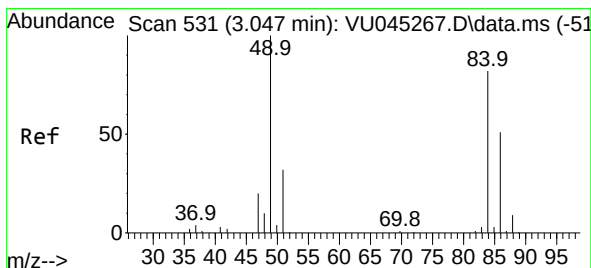
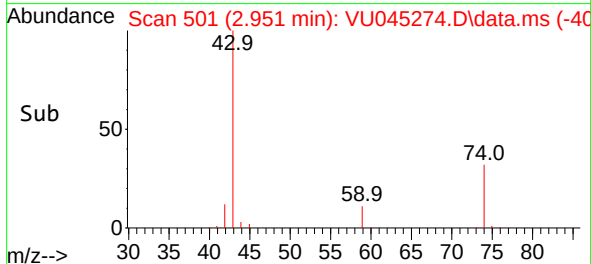
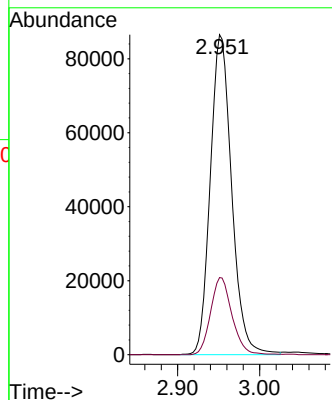
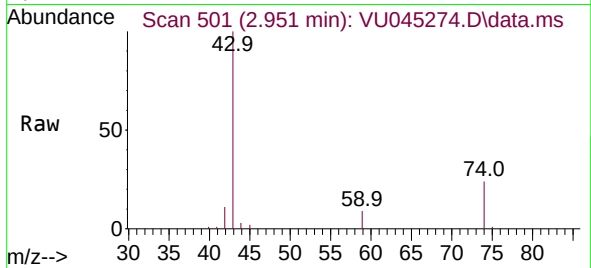




#15
Methyl Acetate
Concen: 45.036 ug/L
RT: 2.951 min Scan# 501
Delta R.T. -0.000 min
Lab File: VU045274.D
Acq: 09 Oct 2021 19:48

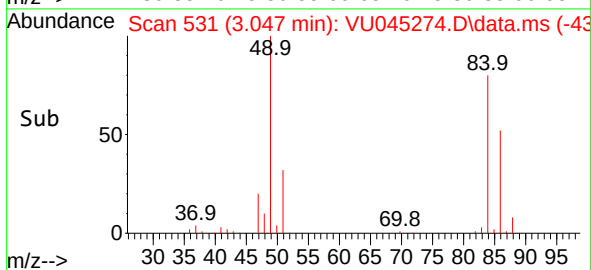
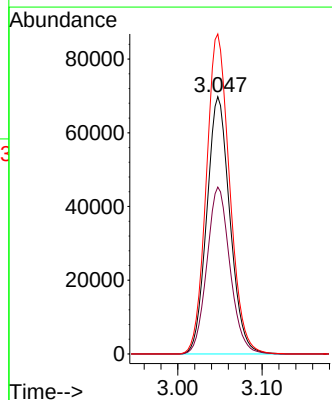
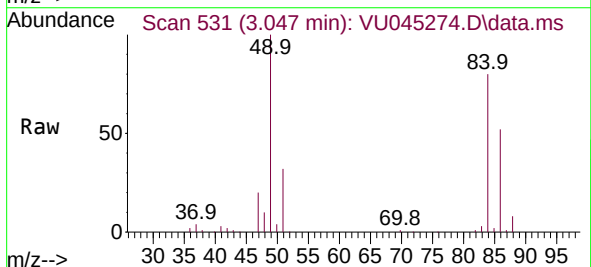
Instrument :
MSVOA_U
ClientSampleId :

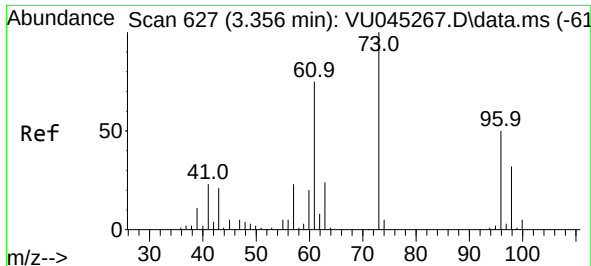
Tgt Ion: 43 Resp: 156360
Ion Ratio Lower Upper
43 100
74 24.1 18.4 27.6



#16
Methylene chloride
Concen: 48.296 ug/L
RT: 3.047 min Scan# 531
Delta R.T. -0.000 min
Lab File: VU045274.D
Acq: 09 Oct 2021 19:48

Tgt Ion: 84 Resp: 133329
Ion Ratio Lower Upper
84 100
86 64.9 44.7 83.1
49 124.4 92.9 172.5

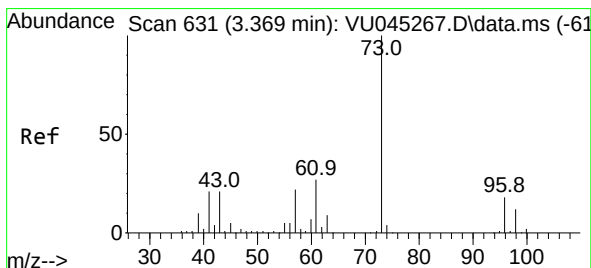
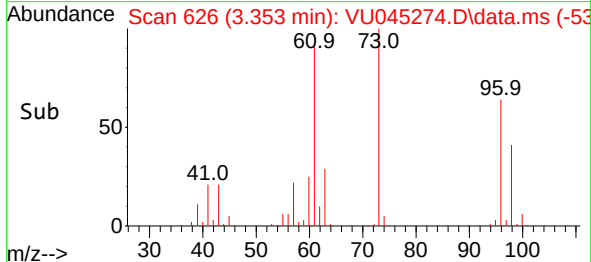
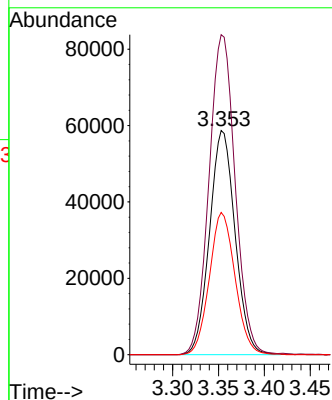
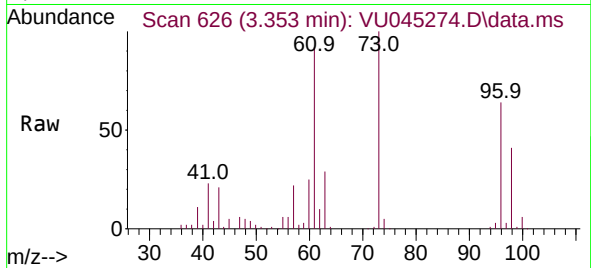




#17
trans-1,2-Dichloroethene
Concen: 49.622 ug/L
RT: 3.353 min Scan# 626
Delta R.T. -0.003 min
Lab File: VU045274.D
Acq: 09 Oct 2021 19:48

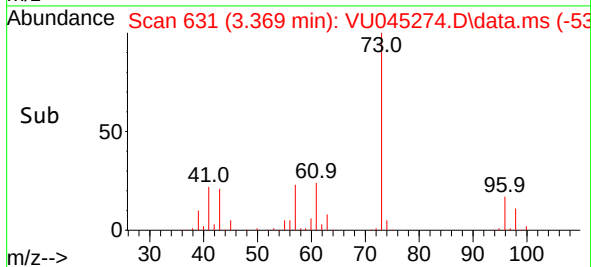
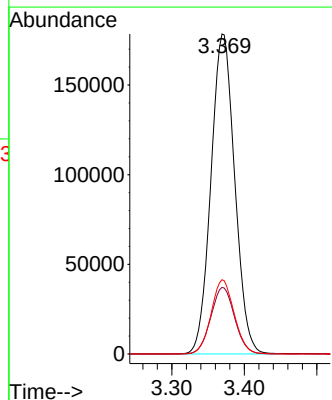
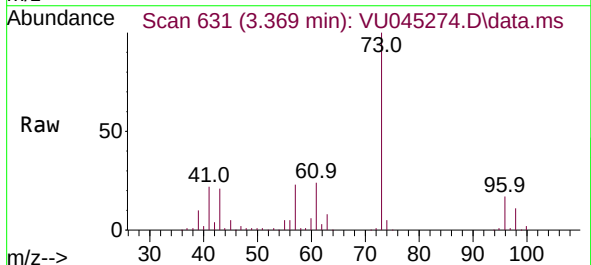
Instrument :
MSVOA_U
ClientSampleId :

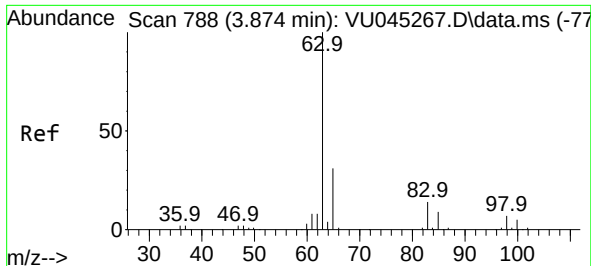
Tgt Ion: 96 Resp: 113906
Ion Ratio Lower Upper
96 100
61 142.8 105.1 195.3
98 63.4 43.0 79.8



#18
Methyl tert-butyl Ether
Concen: 53.713 ug/L
RT: 3.369 min Scan# 631
Delta R.T. -0.000 min
Lab File: VU045274.D
Acq: 09 Oct 2021 19:48

Tgt Ion: 73 Resp: 406558
Ion Ratio Lower Upper
73 100
43 20.7 17.3 25.9
57 22.5 18.7 28.1





#19

1,1-Dichloroethane

Concen: 48.907 ug/L

RT: 3.874 min Scan# 788

Delta R.T. -0.000 min

Lab File: VU045274.D

Acq: 09 Oct 2021 19:48

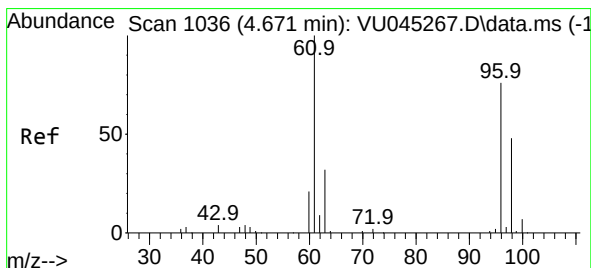
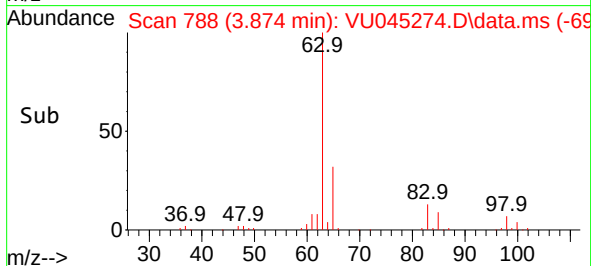
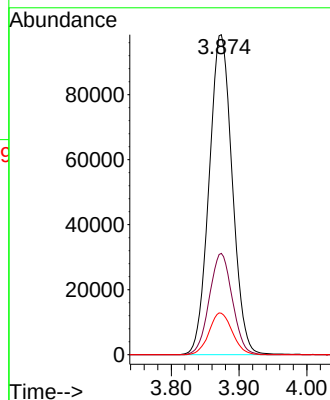
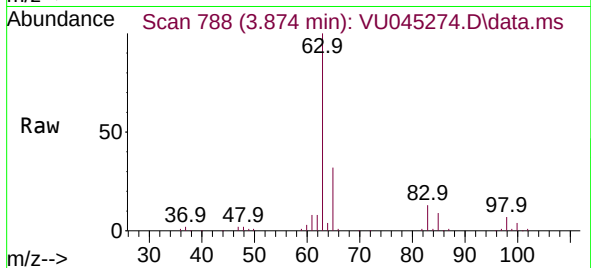
Tgt Ion: 63 Resp: 233555

Ion Ratio Lower Upper

63 100

65 31.7 22.0 40.8

83 13.0 9.0 16.6



#20

cis-1,2-Dichloroethene

Concen: 52.055 ug/L

RT: 4.668 min Scan# 1035

Delta R.T. -0.003 min

Lab File: VU045274.D

Acq: 09 Oct 2021 19:48

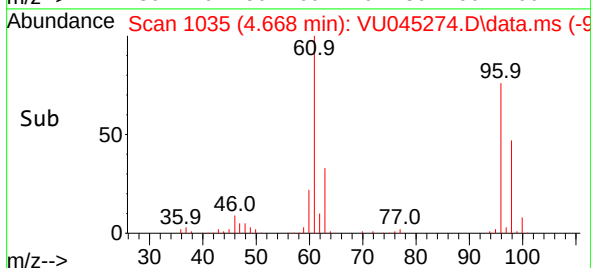
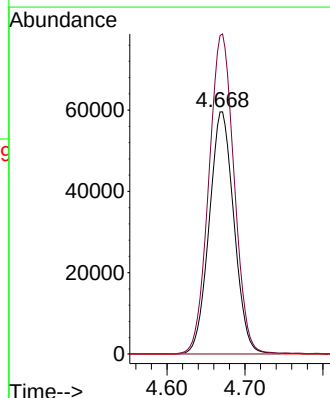
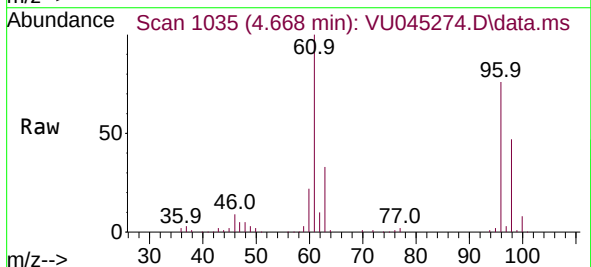
Tgt Ion: 96 Resp: 131670

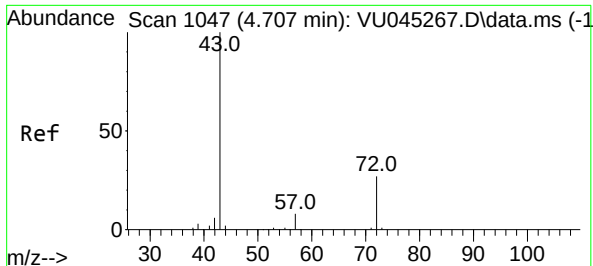
Ion Ratio Lower Upper

96 100

61 131.6 100.2 186.0

68 0.0 0.0 0.0

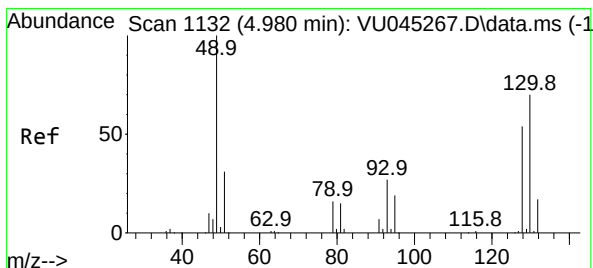
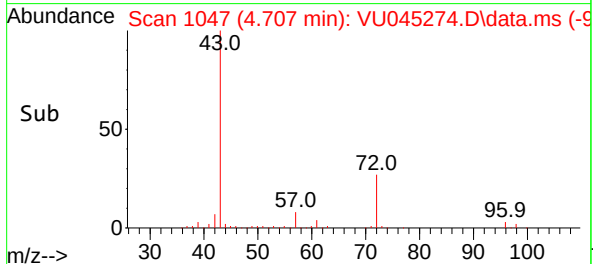
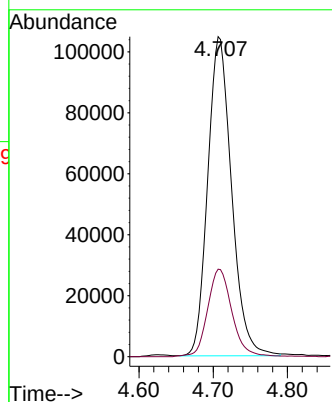
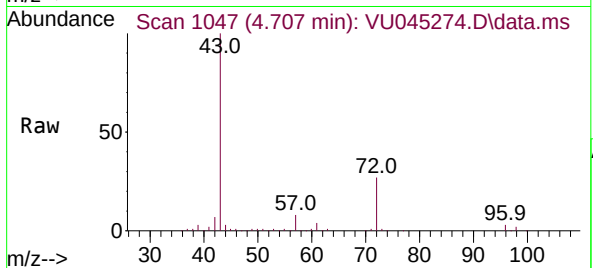




#22
2-Butanone
Concen: 74.099 ug/L
RT: 4.707 min Scan# 1047
Delta R.T. -0.000 min
Lab File: VU045274.D
Acq: 09 Oct 2021 19:48

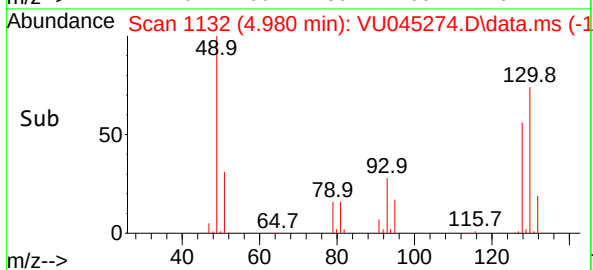
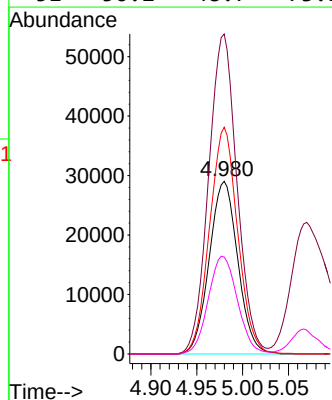
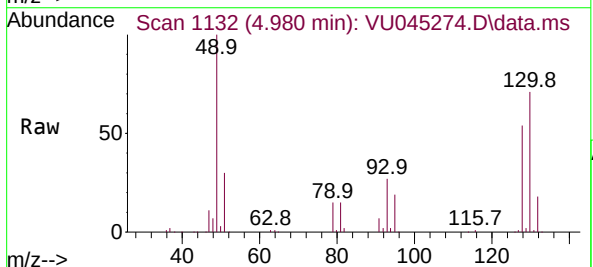
Instrument :
MSVOA_U
ClientSampled :

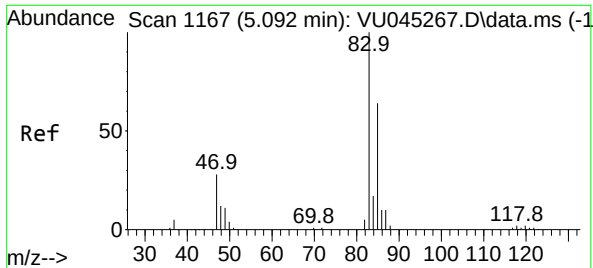
Tgt Ion: 43 Resp: 233464
Ion Ratio Lower Upper
43 100
72 28.0 13.3 39.9



#23
Bromochloromethane
Concen: 48.973 ug/L
RT: 4.980 min Scan# 1132
Delta R.T. -0.000 min
Lab File: VU045274.D
Acq: 09 Oct 2021 19:48

Tgt Ion:128 Resp: 62797
Ion Ratio Lower Upper
128 100
49 185.3 132.9 246.7
130 131.4 88.2 163.8
51 56.2 48.7 73.1



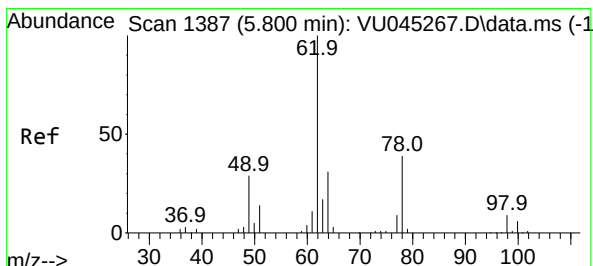
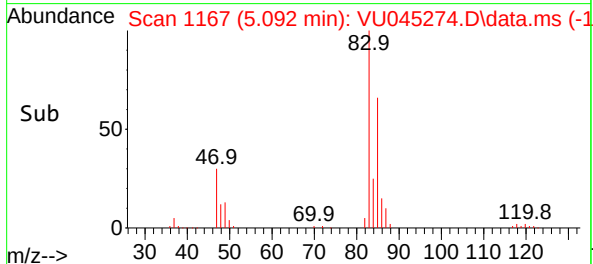
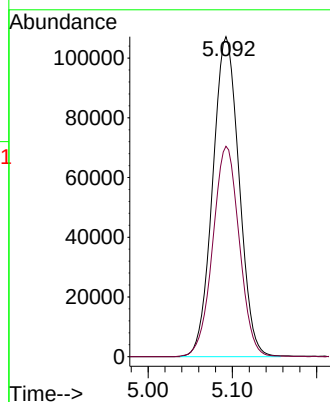
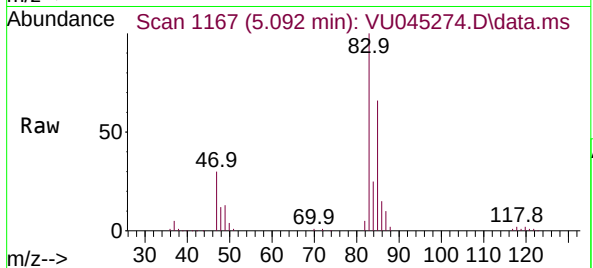


#25

Chloroform
Concen: 49.108 ug/L
RT: 5.092 min Scan# 1167
Delta R.T. -0.000 min
Lab File: VU045274.D
Acq: 09 Oct 2021 19:48

Instrument :
MSVOA_U
ClientSampleId :

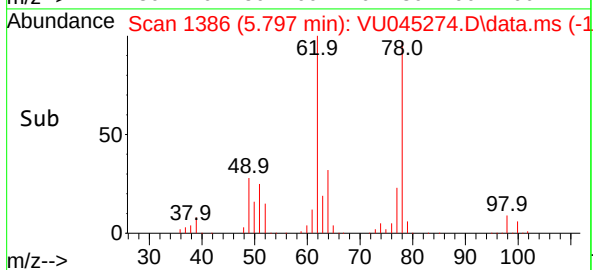
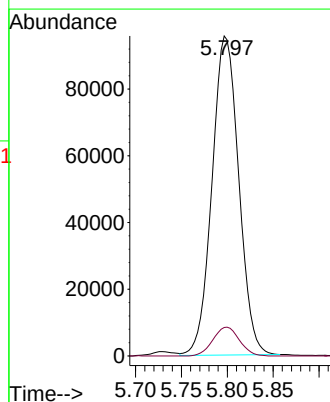
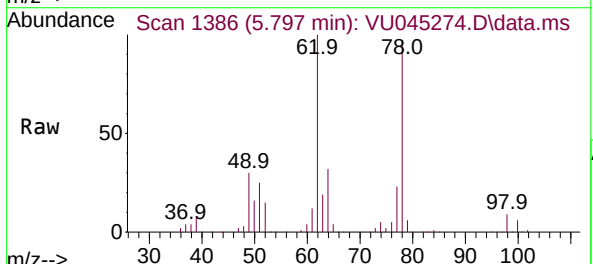
Tgt Ion: 83 Resp: 233142
Ion Ratio Lower Upper
83 100
85 65.7 45.6 84.6

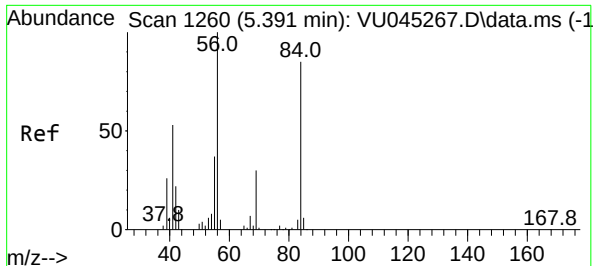


#27

1,2-Dichloroethane
Concen: 48.761 ug/L
RT: 5.797 min Scan# 1386
Delta R.T. -0.003 min
Lab File: VU045274.D
Acq: 09 Oct 2021 19:48

Tgt Ion: 62 Resp: 193620
Ion Ratio Lower Upper
62 100
98 8.9 7.1 10.7





#29

Cyclohexane

Concen: 50.018 ug/L

RT: 5.391 min Scan# 1260

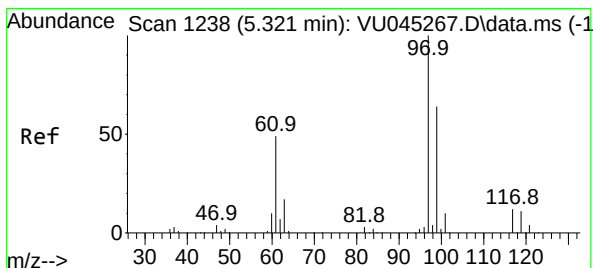
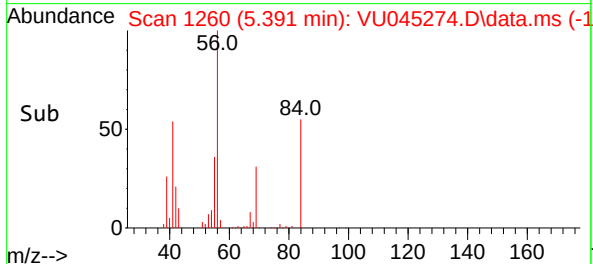
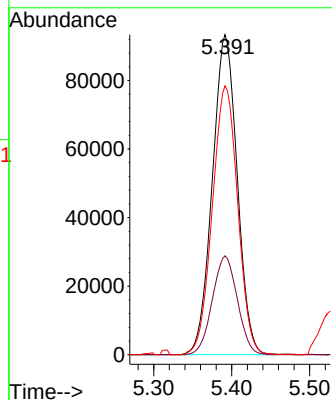
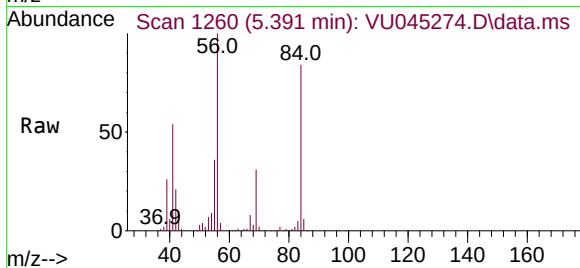
Delta R.T. -0.000 min

Lab File: VU045274.D

Acq: 09 Oct 2021 19:48

Tgt Ion: 56 Resp: 206889

Ion	Ratio	Lower	Upper
56	100		
69	31.0	23.8	35.8
84	85.6	66.8	100.2



#30

1,1,1-Trichloroethane

Concen: 49.765 ug/L

RT: 5.321 min Scan# 1238

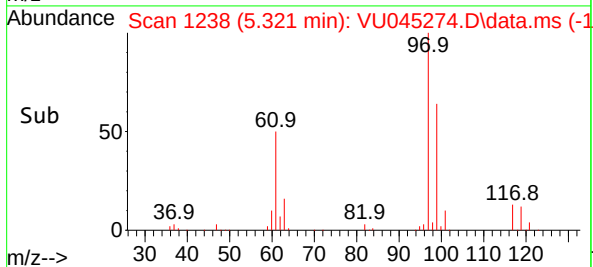
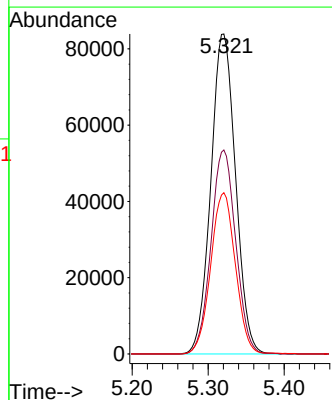
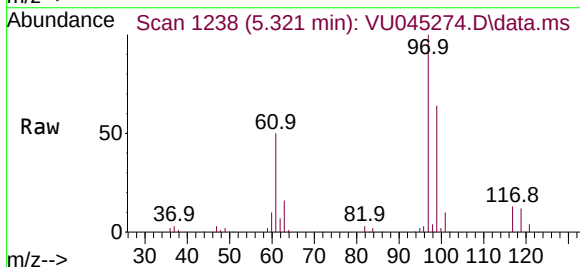
Delta R.T. -0.000 min

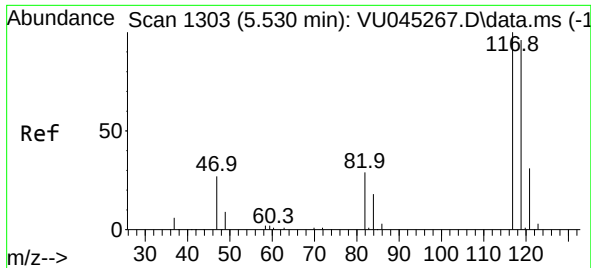
Lab File: VU045274.D

Acq: 09 Oct 2021 19:48

Tgt Ion: 97 Resp: 189567

Ion	Ratio	Lower	Upper
97	100		
99	63.8	50.6	75.8
61	50.4	41.3	61.9

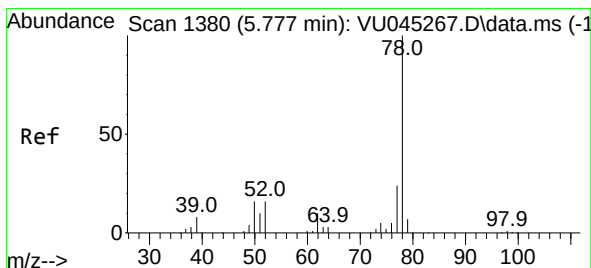
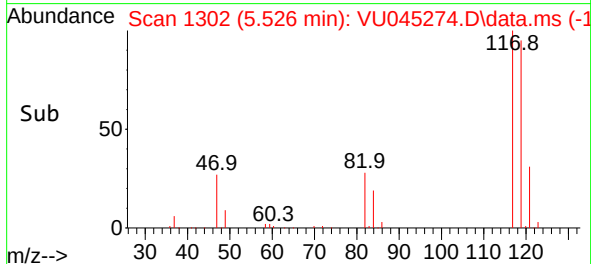
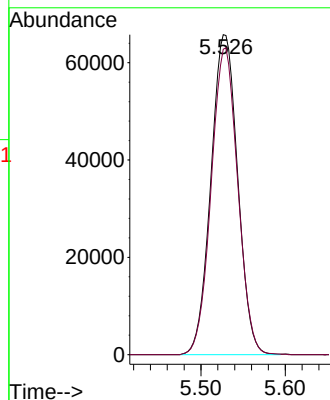
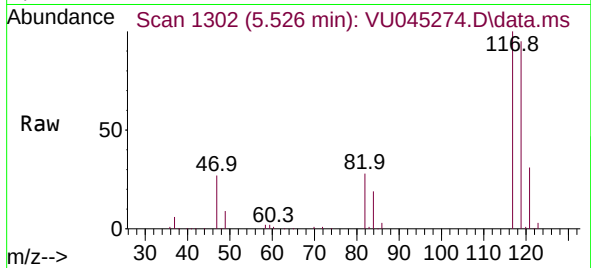




#31
Carbon tetrachloride
Concen: 48.204 ug/L
RT: 5.526 min Scan# 1302
Delta R.T. -0.003 min
Lab File: VU045274.D
Acq: 09 Oct 2021 19:48

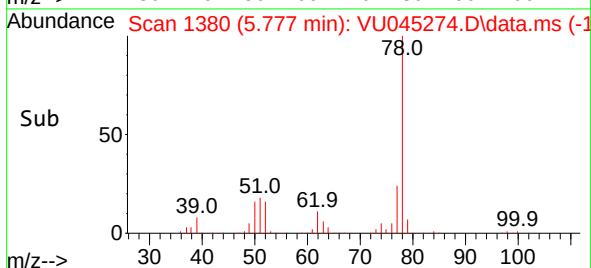
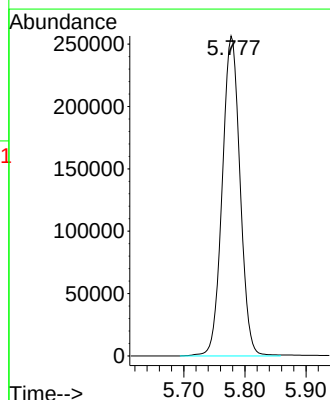
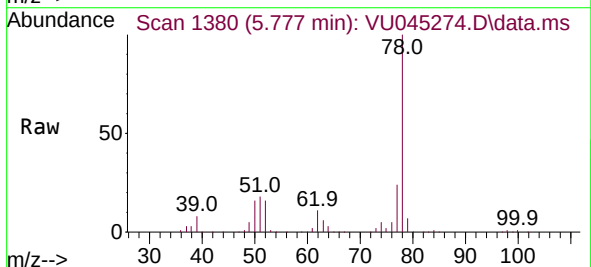
Instrument :
MSVOA_U
ClientSampleId :

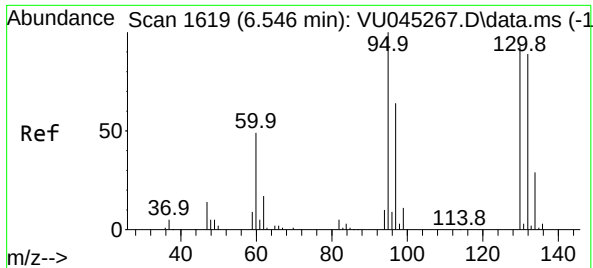
Tgt Ion:117 Resp: 145027
Ion Ratio Lower Upper
117 100
119 95.1 77.7 116.5



#33
Benzene
Concen: 50.871 ug/L
RT: 5.777 min Scan# 1380
Delta R.T. -0.000 min
Lab File: VU045274.D
Acq: 09 Oct 2021 19:48

Tgt Ion: 78 Resp: 519202

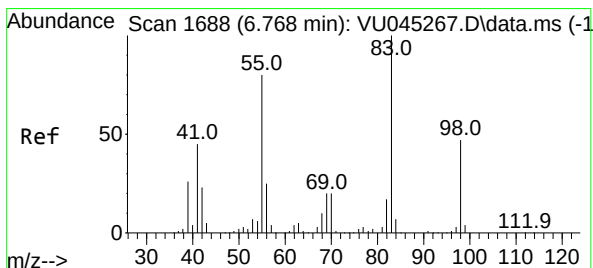
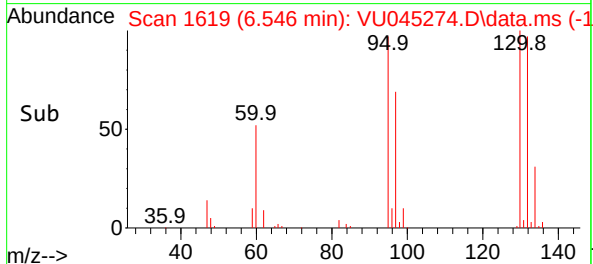
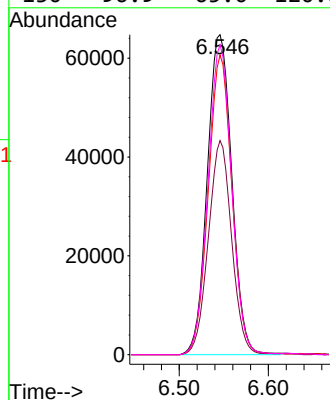
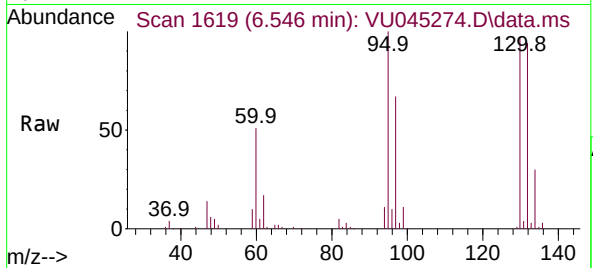




#34
Trichloroethene
Concen: 50.496 ug/L
RT: 6.546 min Scan# 1619
Delta R.T. -0.000 min
Lab File: VU045274.D
Acq: 09 Oct 2021 19:48

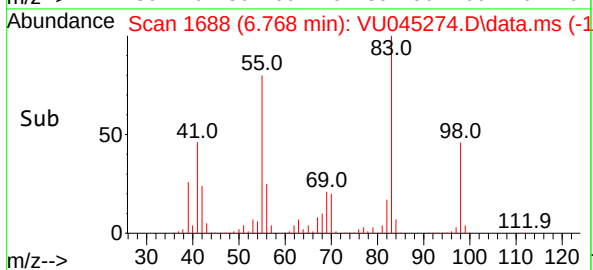
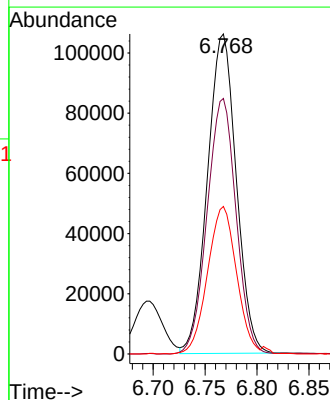
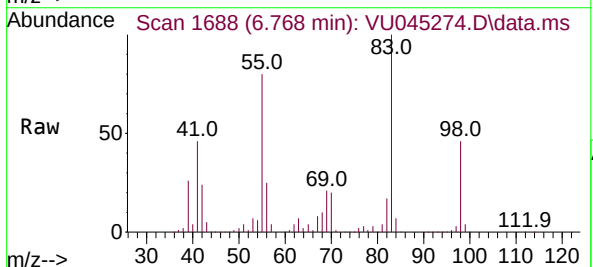
Instrument :
MSVOA_U
ClientSampleId :

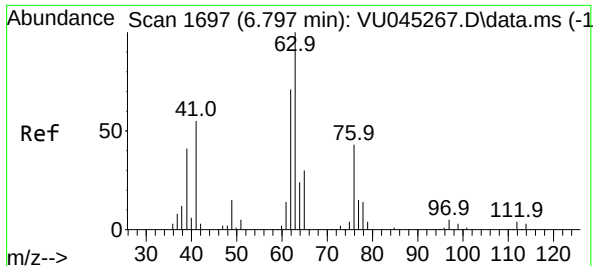
Tgt Ion: 95 Resp: 123788
Ion Ratio Lower Upper
95 100
97 66.9 44.4 82.4
132 93.6 62.9 116.9
130 96.9 65.0 120.8



#35
Methylcyclohexane
Concen: 49.922 ug/L
RT: 6.768 min Scan# 1688
Delta R.T. -0.000 min
Lab File: VU045274.D
Acq: 09 Oct 2021 19:48

Tgt Ion: 83 Resp: 204893
Ion Ratio Lower Upper
83 100
55 80.2 65.8 98.6
98 46.3 37.1 55.7





#37

1,2-Dichloropropane

Concen: 49.652 ug/L

RT: 6.793 min Scan# 1696

Delta R.T. -0.003 min

Lab File: VU045274.D

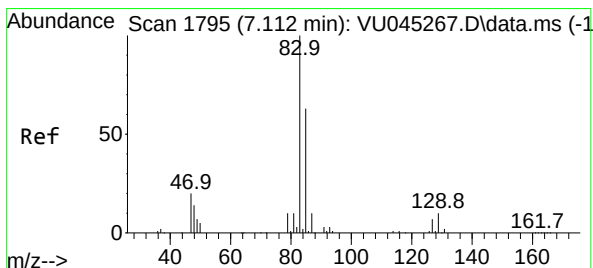
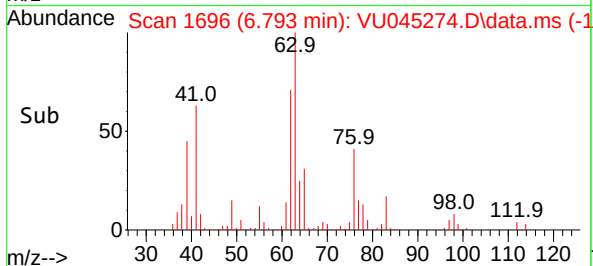
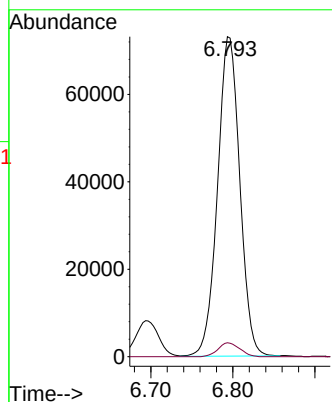
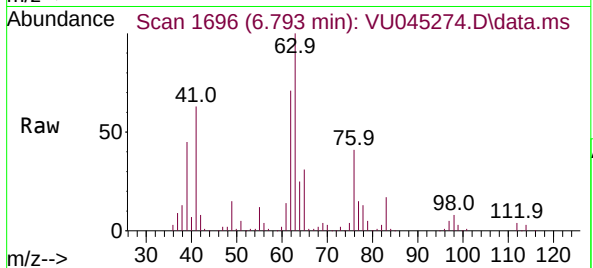
Acq: 09 Oct 2021 19:48

Tgt Ion: 63 Resp: 137975

Ion Ratio Lower Upper

63 100

112 4.2 3.2 4.8



#38

Bromodichloromethane

Concen: 50.754 ug/L

RT: 7.108 min Scan# 1794

Delta R.T. -0.003 min

Lab File: VU045274.D

Acq: 09 Oct 2021 19:48

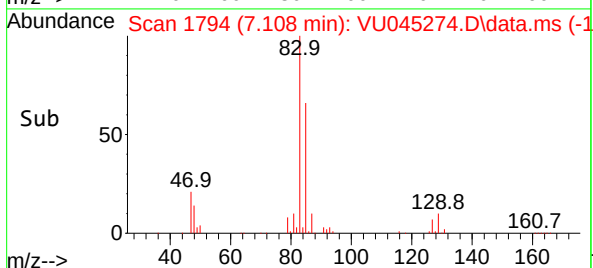
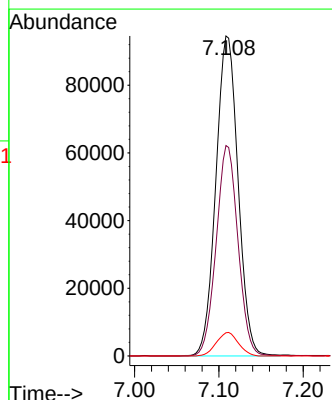
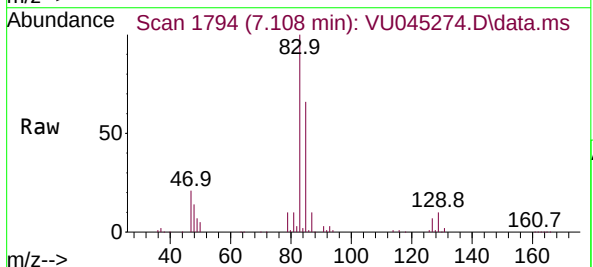
Tgt Ion: 83 Resp: 172883

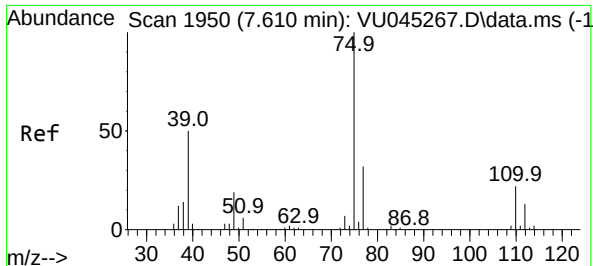
Ion Ratio Lower Upper

83 100

85 65.8 44.6 82.8

127 7.2 6.2 9.2



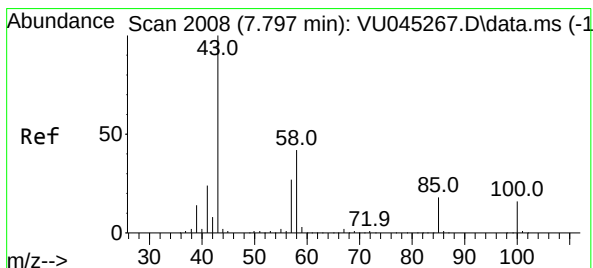
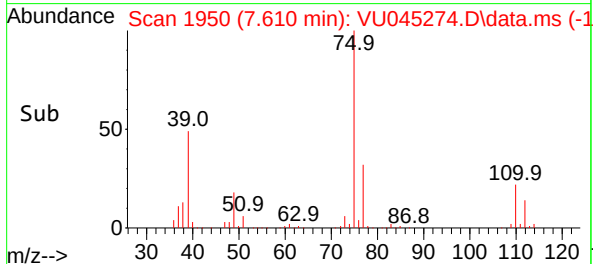
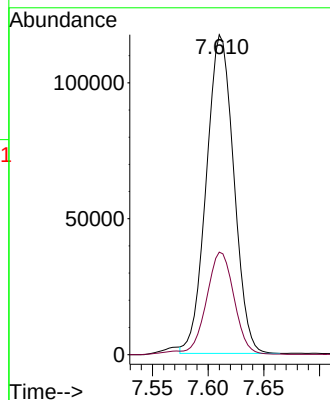
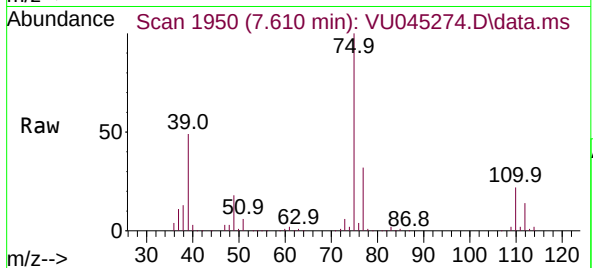


#39

cis-1,3-Dichloropropene
Concen: 50.566 ug/L
RT: 7.610 min Scan# 1950
Delta R.T. -0.000 min
Lab File: VU045274.D
Acq: 09 Oct 2021 19:48

Instrument :
MSVOA_U
ClientSampled :

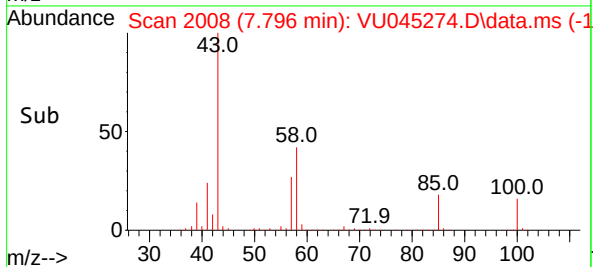
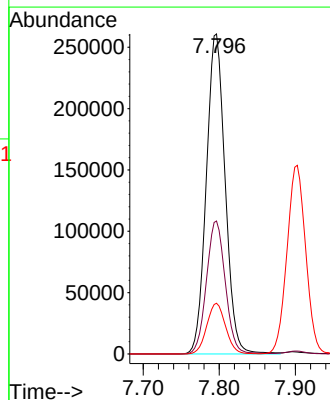
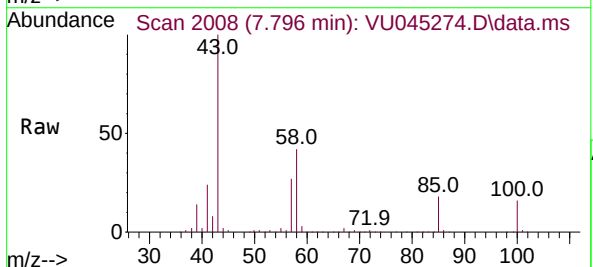
Tgt Ion: 75 Resp: 201056
Ion Ratio Lower Upper
75 100
77 32.0 22.4 41.6

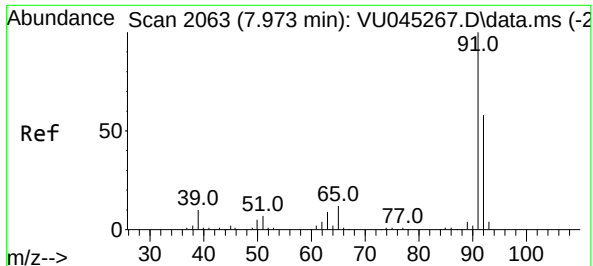


#40

4-Methyl-2-pentanone
Concen: 96.770 ug/L
RT: 7.796 min Scan# 2008
Delta R.T. -0.000 min
Lab File: VU045274.D
Acq: 09 Oct 2021 19:48

Tgt Ion: 43 Resp: 449213
Ion Ratio Lower Upper
43 100
58 41.6 31.8 47.8
100 15.8 11.8 17.6

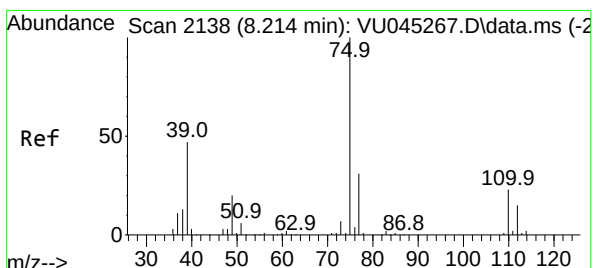
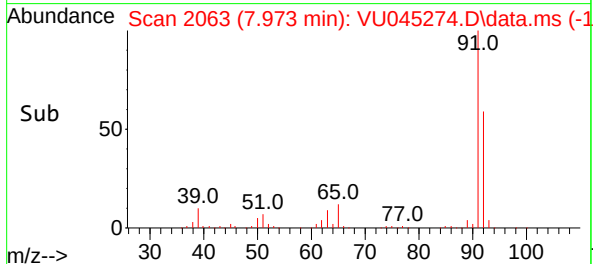
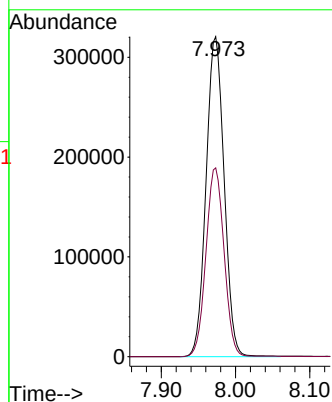
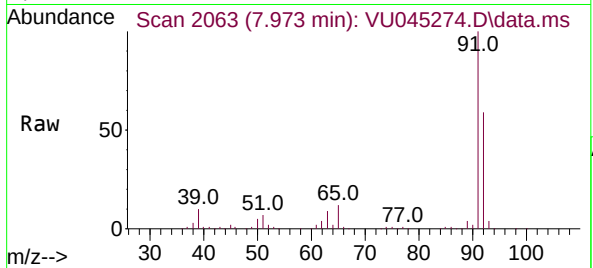




#42
Toluene
Concen: 52.154 ug/L
RT: 7.973 min Scan# 2063
Delta R.T. -0.000 min
Lab File: VU045274.D
Acq: 09 Oct 2021 19:48

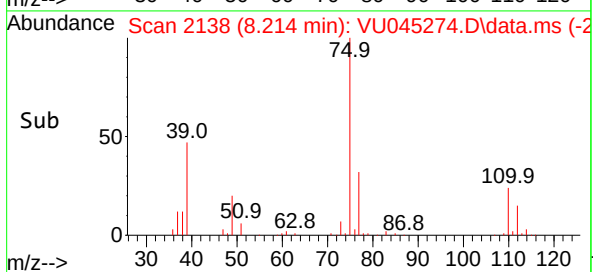
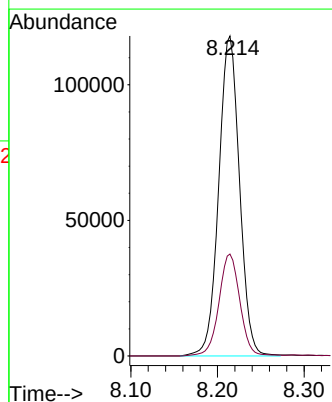
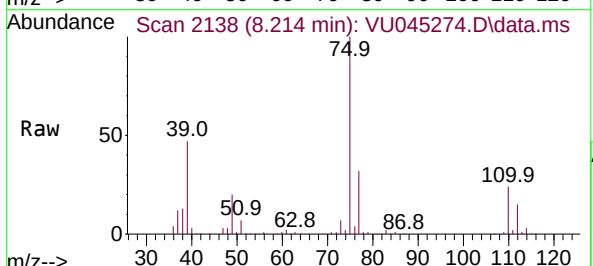
Instrument :
MSVOA_U
ClientSampleId :

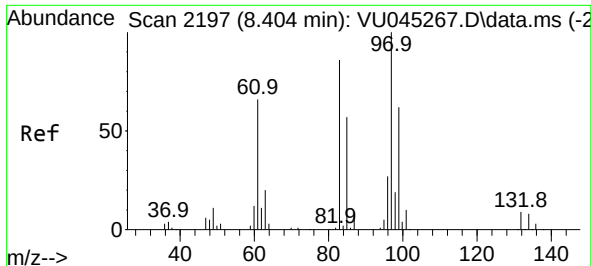
Tgt Ion: 91 Resp: 540841
Ion Ratio Lower Upper
91 100
92 59.0 40.5 75.1



#44
trans-1,3-Dichloropropene
Concen: 52.003 ug/L
RT: 8.214 min Scan# 2138
Delta R.T. -0.000 min
Lab File: VU045274.D
Acq: 09 Oct 2021 19:48

Tgt Ion: 75 Resp: 196610
Ion Ratio Lower Upper
75 100
77 31.8 21.7 40.3





#45

1,1,2-Trichloroethane

Concen: 52.291 ug/L

RT: 8.404 min Scan# 2197

Delta R.T. -0.000 min

Lab File: VU045274.D

Acq: 09 Oct 2021 19:48

Tgt Ion: 97 Resp: 131686

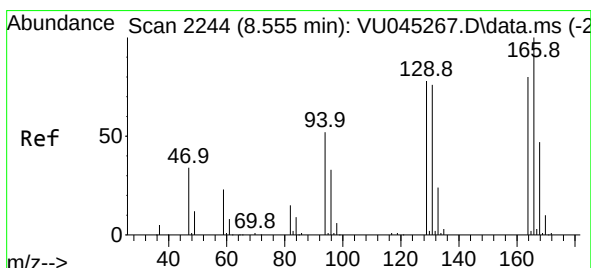
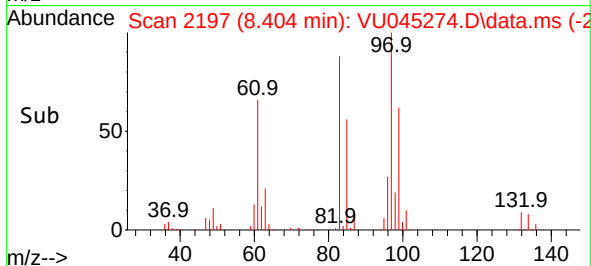
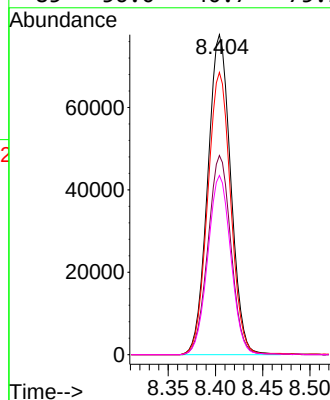
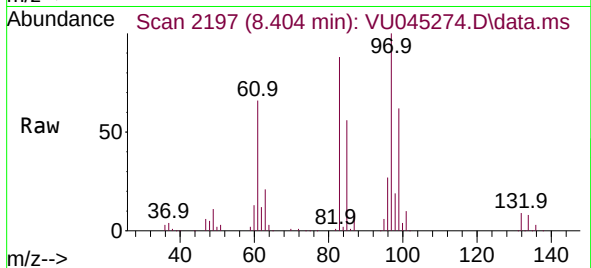
Ion Ratio Lower Upper

97 100

99 62.3 43.7 81.1

83 88.2 61.9 115.1

85 56.0 40.7 75.5



#46

Tetrachloroethene

Concen: 49.061 ug/L

RT: 8.555 min Scan# 2244

Delta R.T. -0.000 min

Lab File: VU045274.D

Acq: 09 Oct 2021 19:48

Tgt Ion: 164 Resp: 85965

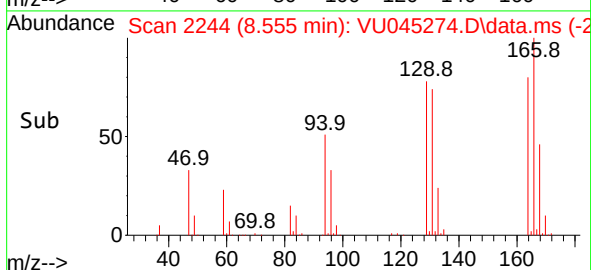
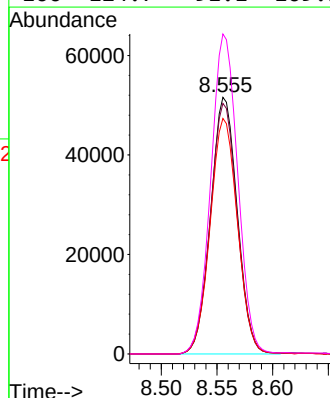
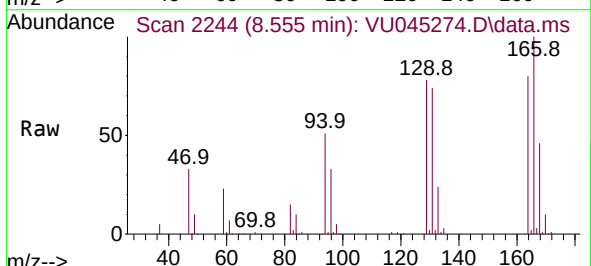
Ion Ratio Lower Upper

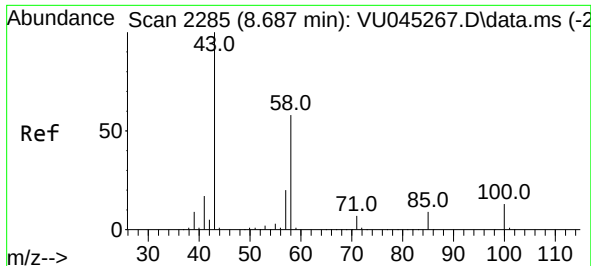
164 100

129 97.6 69.8 129.6

131 91.8 66.4 123.2

166 124.7 91.1 169.3

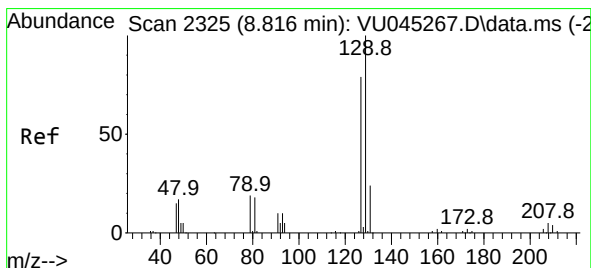
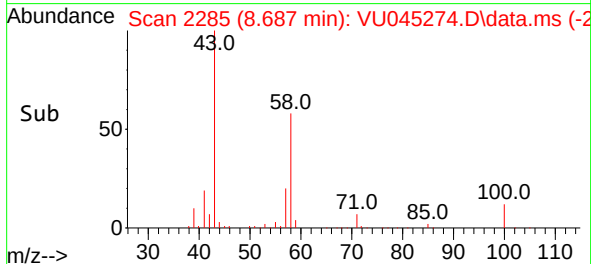
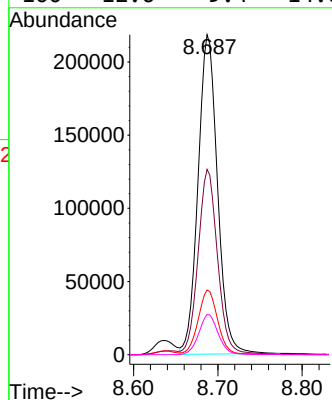
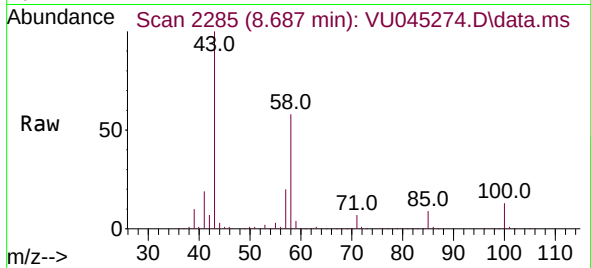




#48
2-Hexanone
Concen: 85.395 ug/L
RT: 8.687 min Scan# 2285
Delta R.T. -0.000 min
Lab File: VU045274.D
Acq: 09 Oct 2021 19:48

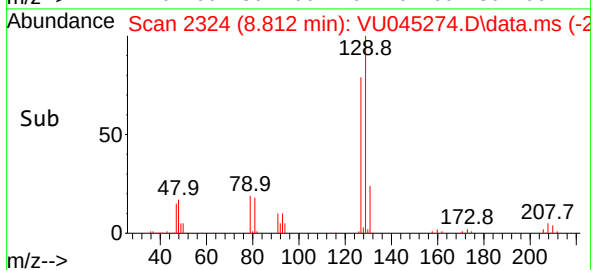
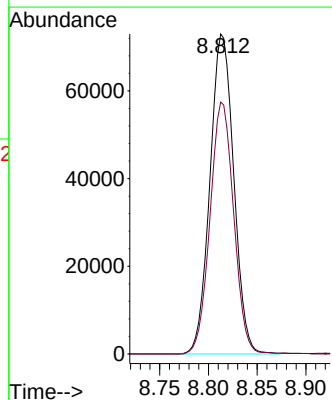
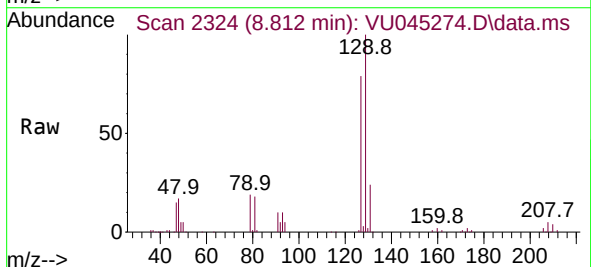
Instrument :
MSVOA_U
ClientSampleId :

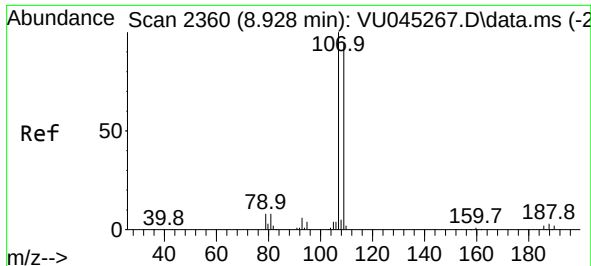
Tgt Ion:	43	Resp:	351521
Ion	Ratio	Lower	Upper
43	100		
58	57.9	44.9	67.3
57	20.1	15.5	23.3
100	12.6	9.4	14.0



#49
Dibromochloromethane
Concen: 49.815 ug/L
RT: 8.812 min Scan# 2324
Delta R.T. -0.003 min
Lab File: VU045274.D
Acq: 09 Oct 2021 19:48

Tgt Ion:	129	Resp:	124071
Ion	Ratio	Lower	Upper
129	100		
127	78.7	54.3	100.8





#50

1,2-Dibromoethane

Concen: 51.798 ug/L

RT: 8.928 min Scan# 2360

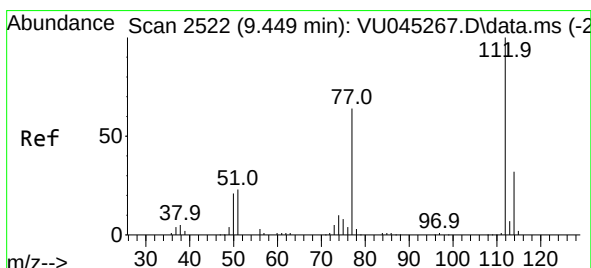
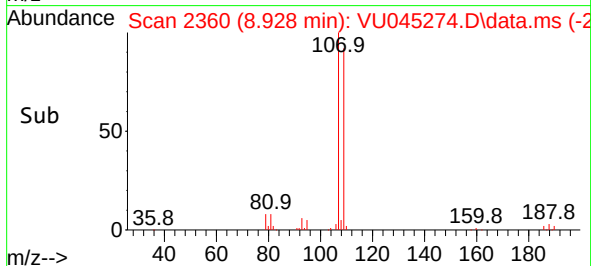
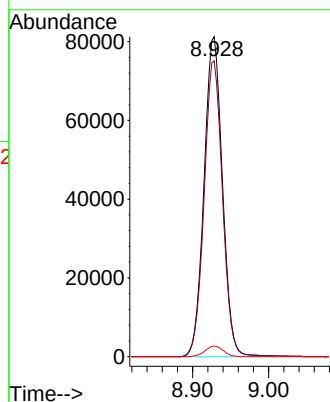
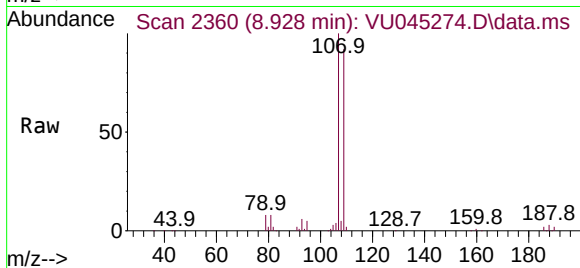
Delta R.T. -0.000 min

Lab File: VU045274.D

Acq: 09 Oct 2021 19:48

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion:	107	Resp:	136577
Ion Ratio	Lower	Upper	
107	100		
109	92.4	65.5	121.6
188	3.3	2.6	3.8



#51

Chlorobenzene

Concen: 51.372 ug/L

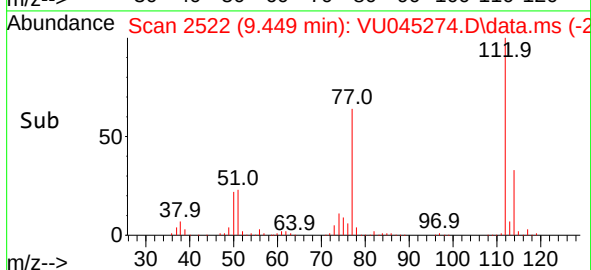
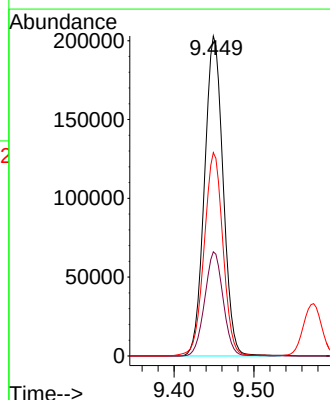
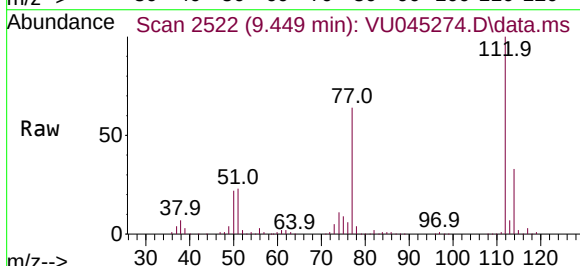
RT: 9.449 min Scan# 2522

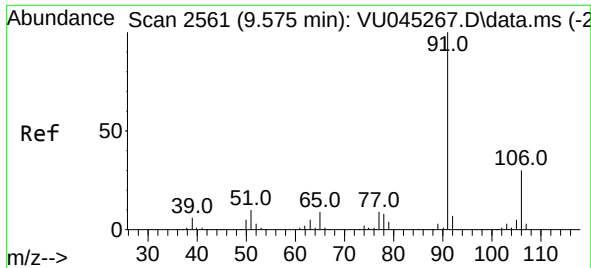
Delta R.T. -0.000 min

Lab File: VU045274.D

Acq: 09 Oct 2021 19:48

Tgt Ion:	112	Resp:	328890
Ion Ratio	Lower	Upper	
112	100		
114	32.6	22.5	41.9
77	63.6	50.6	75.8

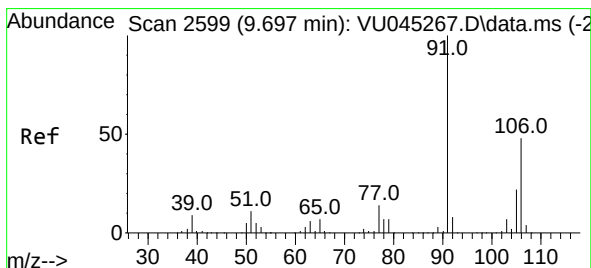
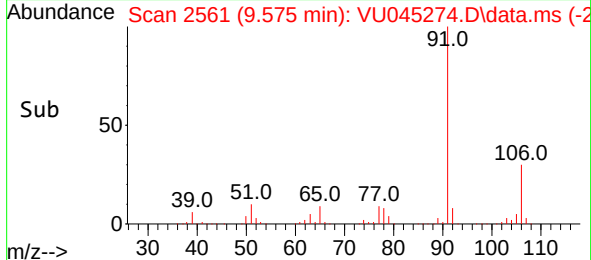
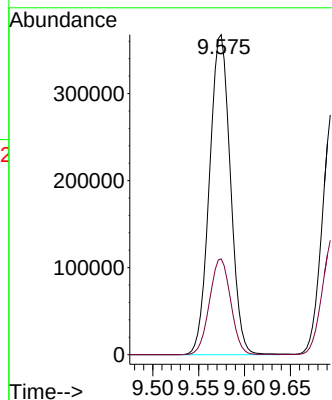
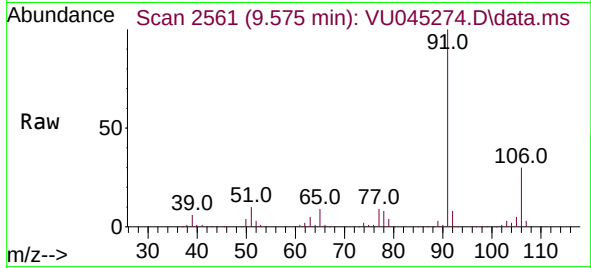




#52
Ethylbenzene
Concen: 53.232 ug/L
RT: 9.575 min Scan# 2561
Delta R.T. -0.000 min
Lab File: VU045274.D
Acq: 09 Oct 2021 19:48

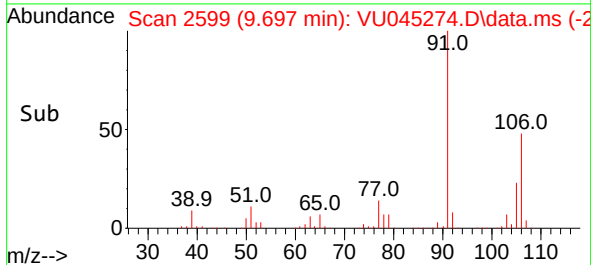
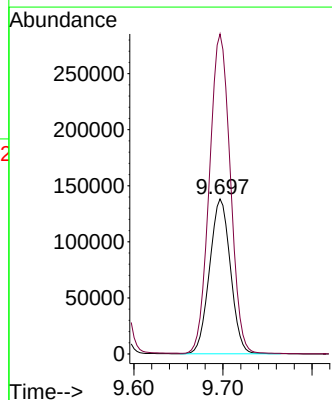
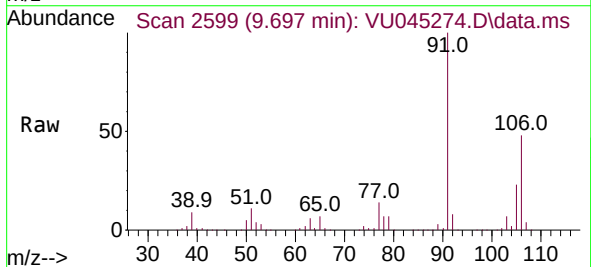
Instrument :
MSVOA_U
ClientSampleId :

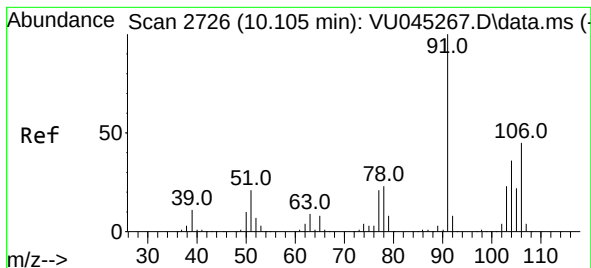
Tgt Ion: 91 Resp: 583155
Ion Ratio Lower Upper
91 100
106 30.0 21.2 39.4



#53
m,p-Xylene
Concen: 53.998 ug/L
RT: 9.697 min Scan# 2599
Delta R.T. -0.000 min
Lab File: VU045274.D
Acq: 09 Oct 2021 19:48

Tgt Ion: 106 Resp: 224093
Ion Ratio Lower Upper
106 100
91 206.4 146.7 272.4





#54

o-xylene

Concen: 54.913 ug/L

RT: 10.105 min Scan# 2726

Delta R.T. -0.000 min

Lab File: VU045274.D

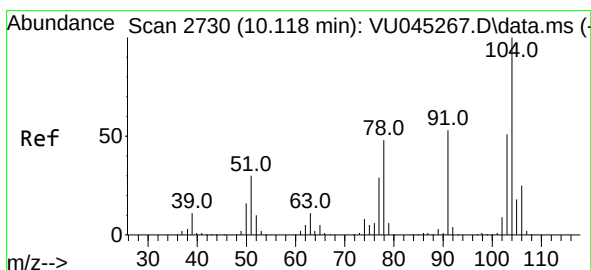
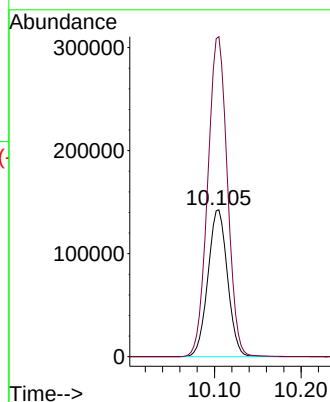
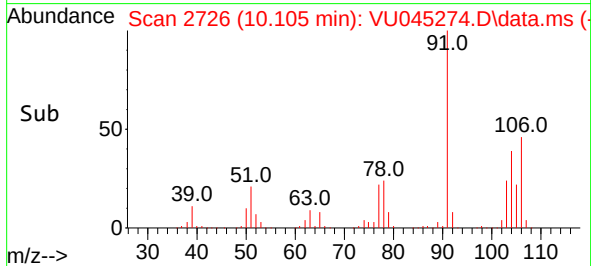
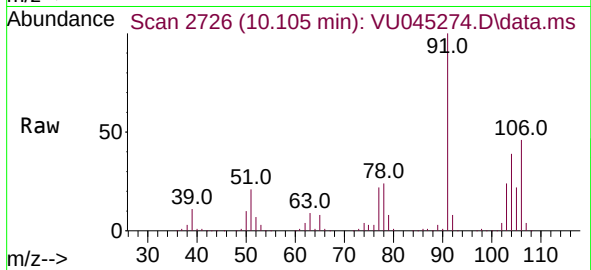
Acq: 09 Oct 2021 19:48

Tgt Ion:106 Resp: 223938

Ion Ratio Lower Upper

106 100

91 217.8 152.9 283.9



#55

Styrene

Concen: 54.917 ug/L

RT: 10.118 min Scan# 2730

Delta R.T. -0.000 min

Lab File: VU045274.D

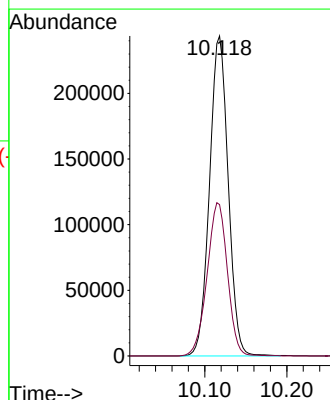
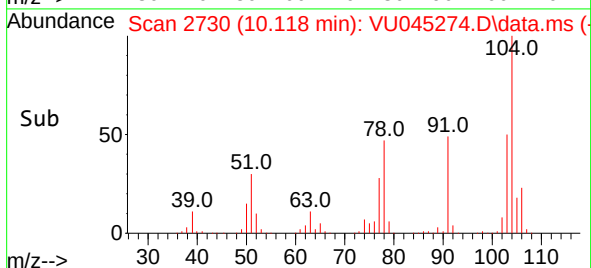
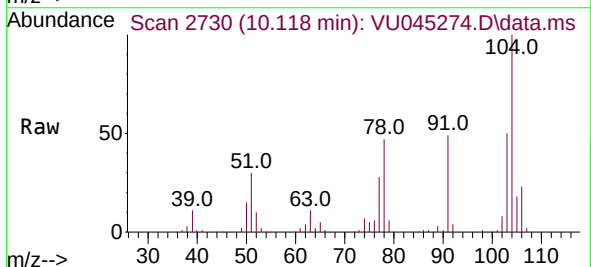
Acq: 09 Oct 2021 19:48

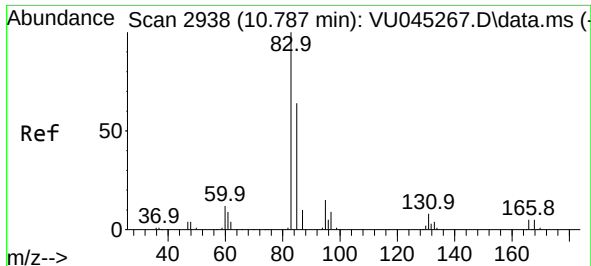
Tgt Ion:104 Resp: 385138

Ion Ratio Lower Upper

104 100

78 47.3 33.3 61.9

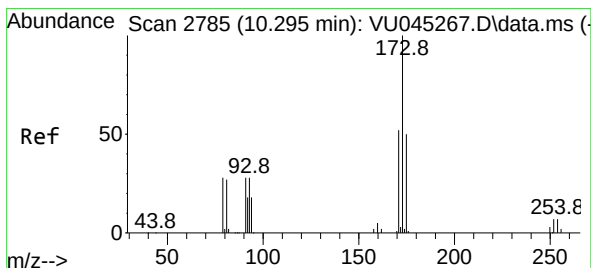
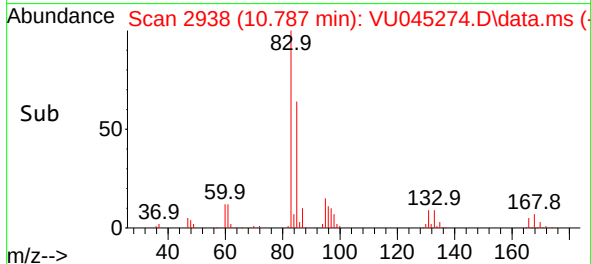
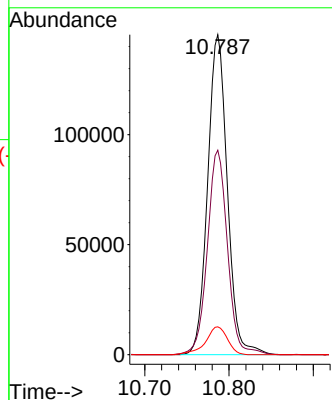
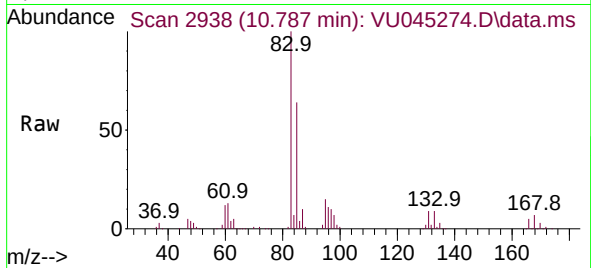




#57
1,1,2,2-Tetrachloroethane
Concen: 48.986 ug/L
RT: 10.787 min Scan# 2938
Delta R.T. -0.000 min
Lab File: VU045274.D
Acq: 09 Oct 2021 19:48

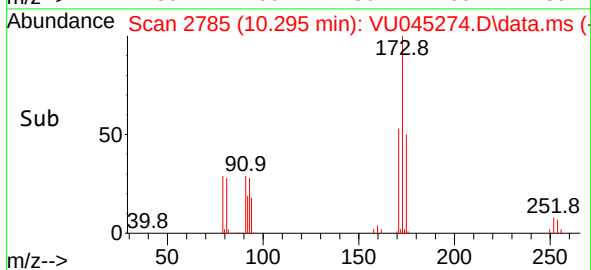
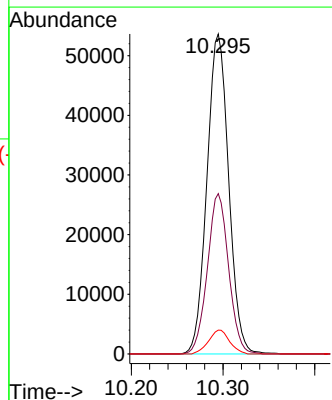
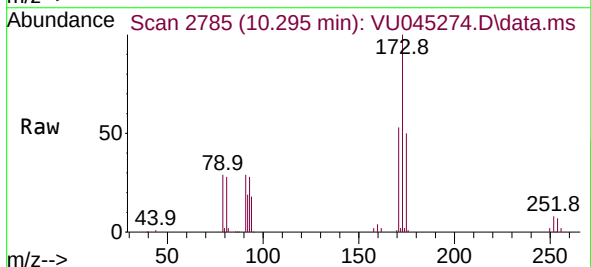
Instrument :
MSVOA_U
ClientSampleId :

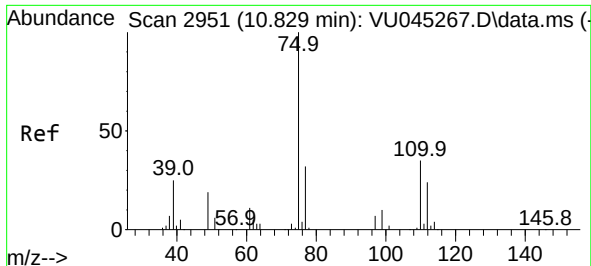
Tgt Ion: 83 Resp: 236208
Ion Ratio Lower Upper
83 100
85 63.9 45.1 83.7
131 8.7 6.9 10.3



#59
Bromoform
Concen: 51.992 ug/L
RT: 10.295 min Scan# 2785
Delta R.T. -0.000 min
Lab File: VU045274.D
Acq: 09 Oct 2021 19:48

Tgt Ion:173 Resp: 88465
Ion Ratio Lower Upper
173 100
175 48.9 38.4 57.6
254 7.2 5.3 7.9

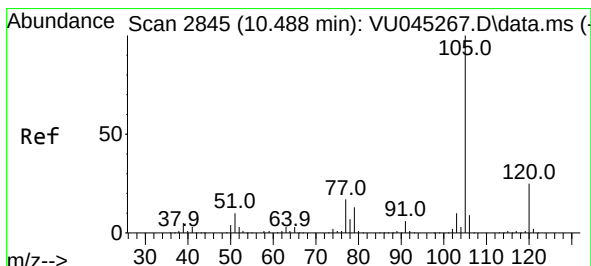
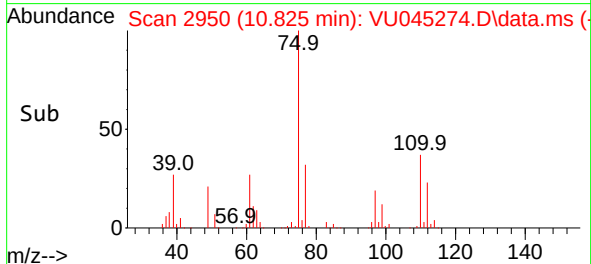
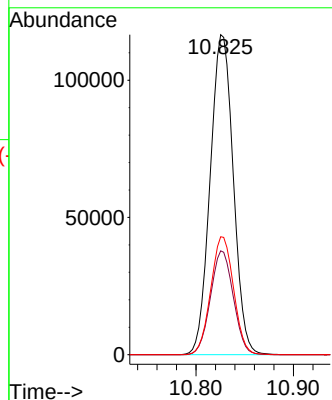
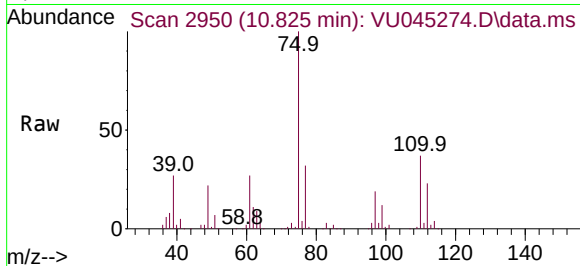




#60
1,2,3-Trichloropropane
Concen: 50.585 ug/L
RT: 10.825 min Scan# 2950
Delta R.T. -0.003 min
Lab File: VU045274.D
Acq: 09 Oct 2021 19:48

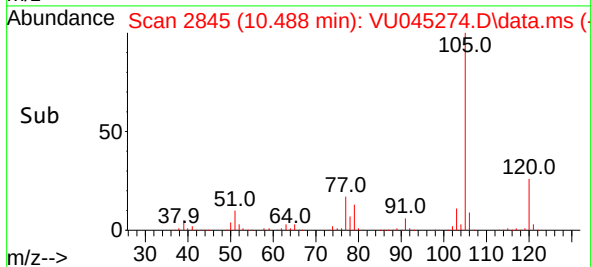
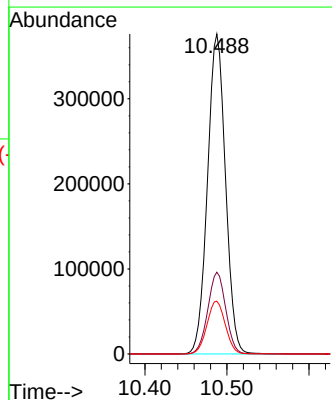
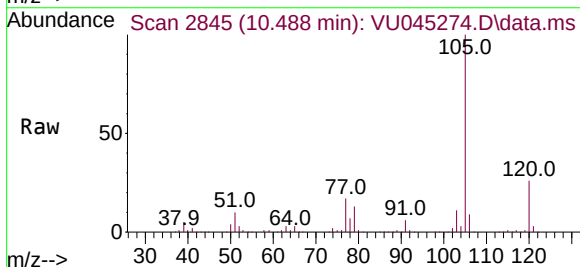
Instrument :
MSVOA_U
ClientSampleId :

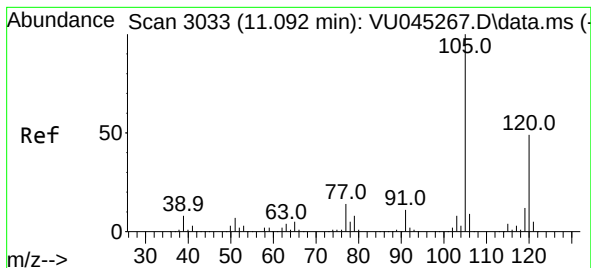
Tgt Ion: 75 Resp: 191947
Ion Ratio Lower Upper
75 100
77 32.1 25.5 38.3
110 36.4 29.0 43.4



#61
Isopropylbenzene
Concen: 57.179 ug/L
RT: 10.488 min Scan# 2845
Delta R.T. -0.000 min
Lab File: VU045274.D
Acq: 09 Oct 2021 19:48

Tgt Ion: 105 Resp: 574109
Ion Ratio Lower Upper
105 100
120 25.5 20.5 30.7
77 16.8 13.5 20.3

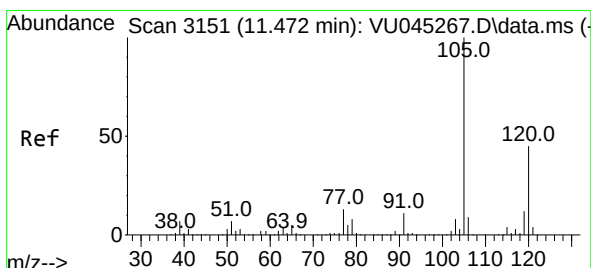
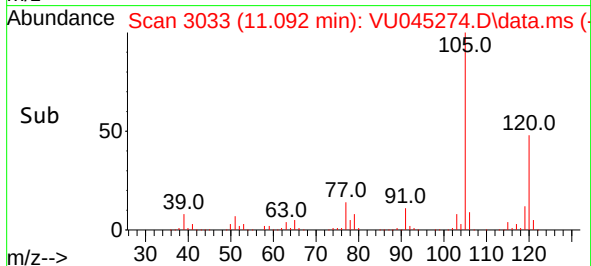
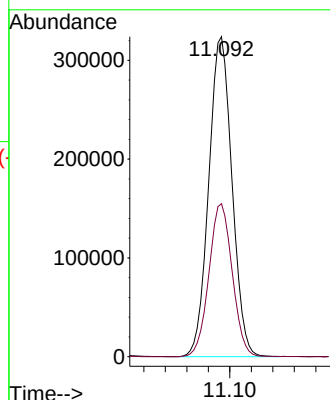
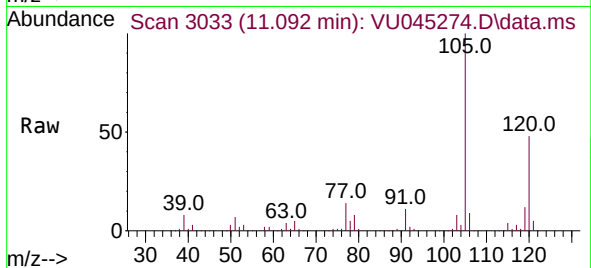




#62
1,3,5-Trimethylbenzene
Concen: 58.014 ug/L
RT: 11.092 min Scan# 3033
Delta R.T. -0.000 min
Lab File: VU045274.D
Acq: 09 Oct 2021 19:48

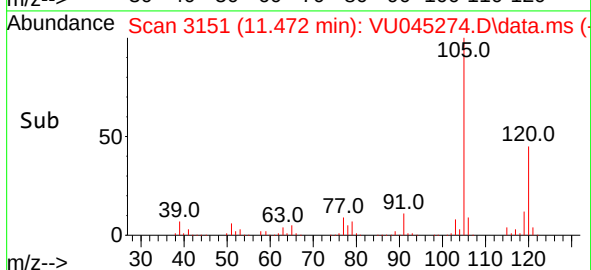
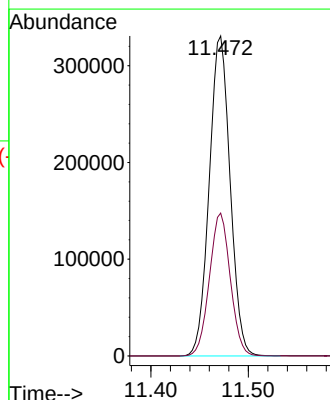
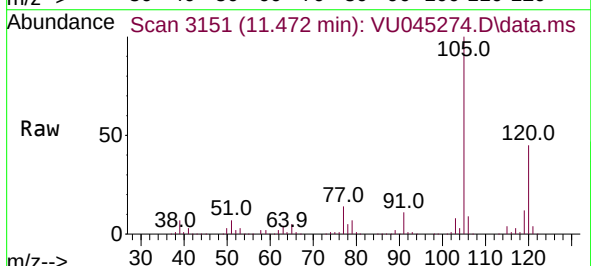
Instrument :
MSVOA_U
ClientSampleId :

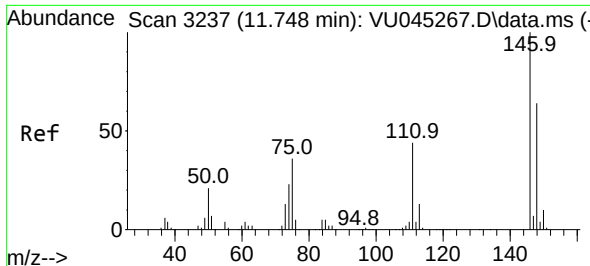
Tgt Ion:105 Resp: 486459
Ion Ratio Lower Upper
105 100
120 47.9 38.8 58.2



#63
1,2,4-Trimethylbenzene
Concen: 57.373 ug/L
RT: 11.472 min Scan# 3151
Delta R.T. -0.000 min
Lab File: VU045274.D
Acq: 09 Oct 2021 19:48

Tgt Ion:105 Resp: 492632
Ion Ratio Lower Upper
105 100
120 44.6 35.7 53.5

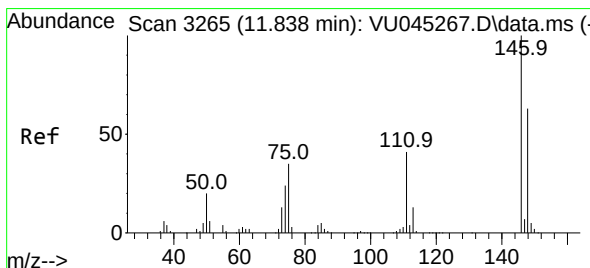
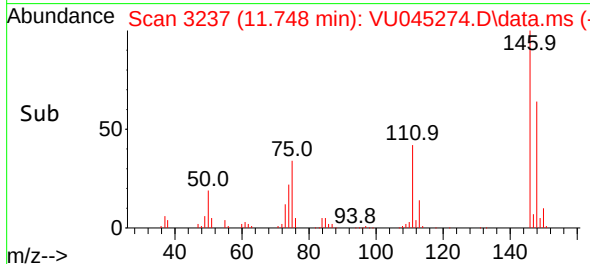
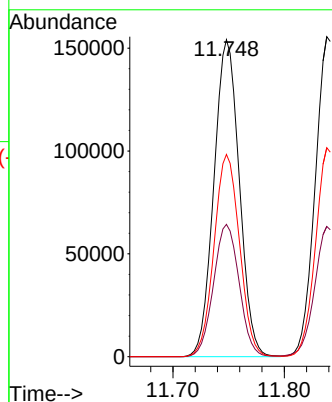
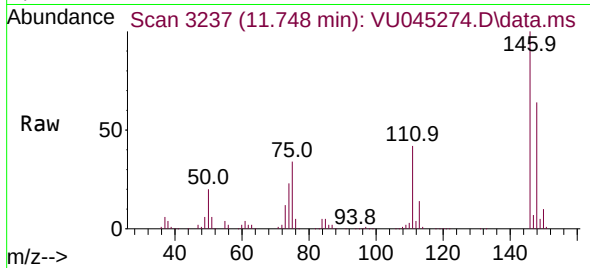




#64
1,3-Dichlorobenzene
Concen: 52.548 ug/L
RT: 11.748 min Scan# 3237
Delta R.T. -0.000 min
Lab File: VU045274.D
Acq: 09 Oct 2021 19:48

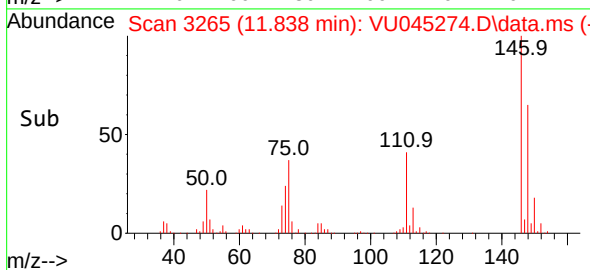
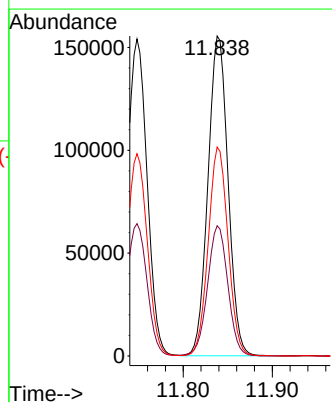
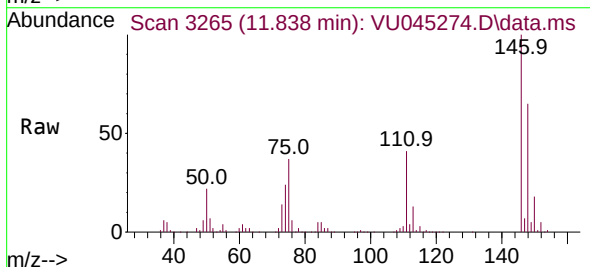
Instrument :
MSVOA_U
ClientSampleId :

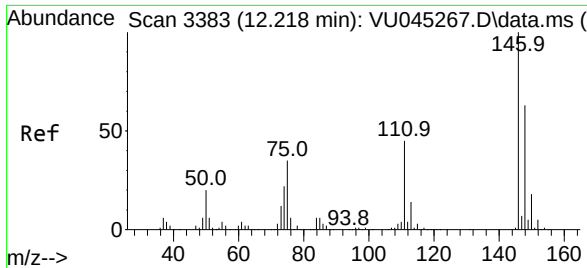
Tgt Ion:146 Resp: 243826
Ion Ratio Lower Upper
146 100
111 41.7 29.0 53.8
148 63.8 44.8 83.2



#65
1,4-Dichlorobenzene
Concen: 51.109 ug/L
RT: 11.838 min Scan# 3265
Delta R.T. -0.000 min
Lab File: VU045274.D
Acq: 09 Oct 2021 19:48

Tgt Ion:146 Resp: 243314
Ion Ratio Lower Upper
146 100
111 40.7 28.5 52.9
148 65.3 45.5 84.5

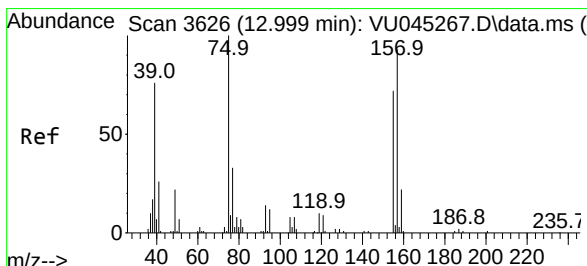
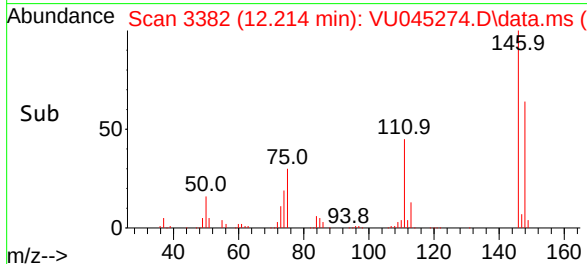
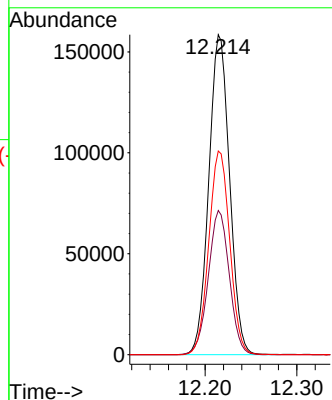
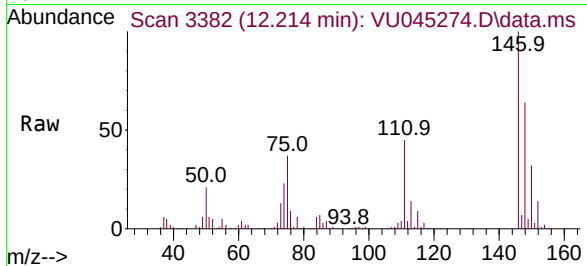




#67
1,2-Dichlorobenzene
Concen: 52.341 ug/L
RT: 12.214 min Scan# 3382
Delta R.T. -0.003 min
Lab File: VU045274.D
Acq: 09 Oct 2021 19:48

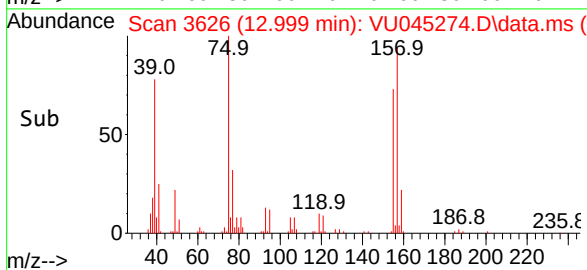
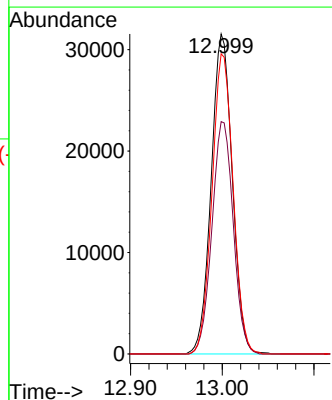
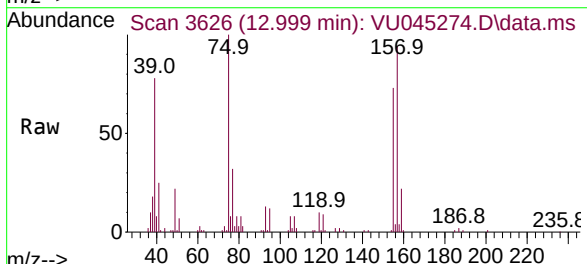
Instrument :
MSVOA_U
ClientSampleId :

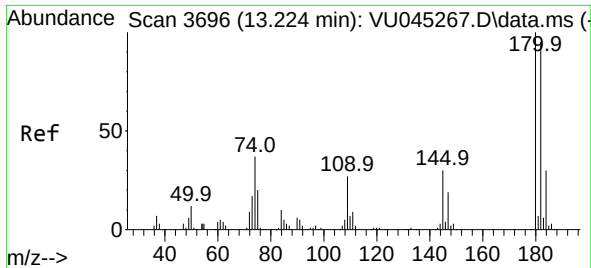
Tgt Ion:146 Resp: 249321
Ion Ratio Lower Upper
146 100
111 45.0 34.7 52.1
148 63.6 51.0 76.6



#68
1,2-Dibromo-3-chloropropane
Concen: 46.218 ug/L
RT: 12.999 min Scan# 3626
Delta R.T. -0.000 min
Lab File: VU045274.D
Acq: 09 Oct 2021 19:48

Tgt Ion: 75 Resp: 50399
Ion Ratio Lower Upper
75 100
155 72.6 58.5 87.7
157 97.8 77.7 116.5

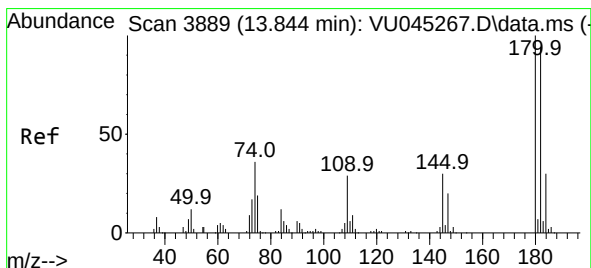
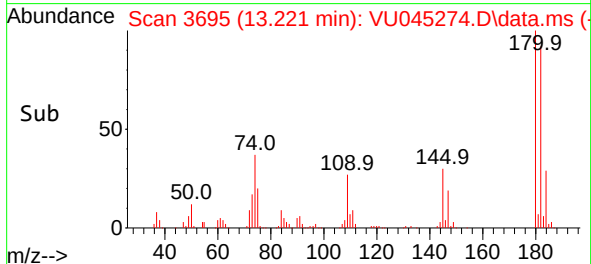
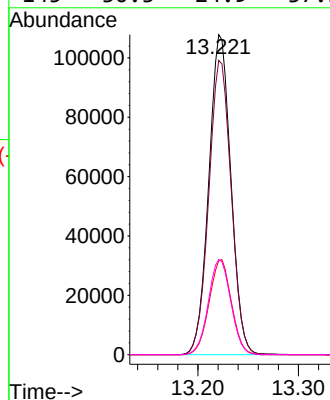
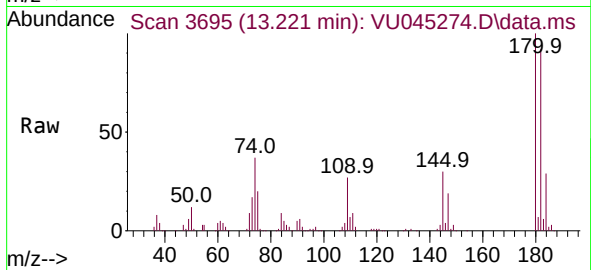




#69
 1,3,5-Trichlorobenzene
 Concen: 51.102 ug/L
 RT: 13.221 min Scan# 3695
 Delta R.T. -0.003 min
 Lab File: VU045274.D
 Acq: 09 Oct 2021 19:48

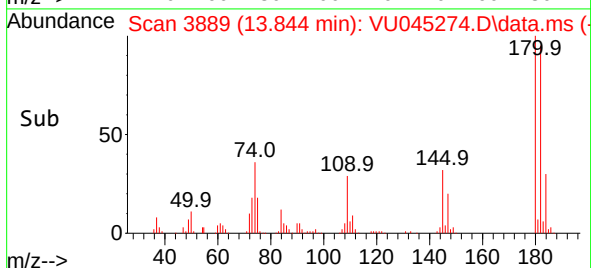
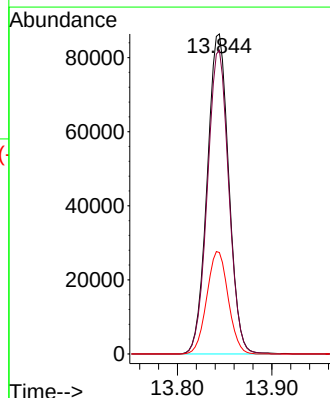
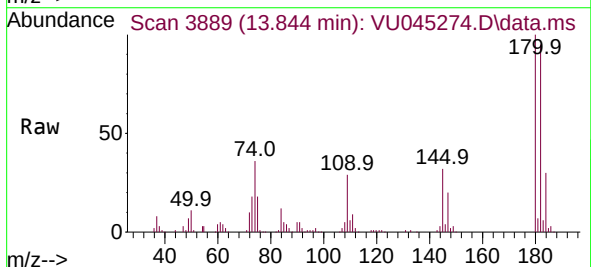
Instrument :
 MSVOA_U
 ClientSampleId :

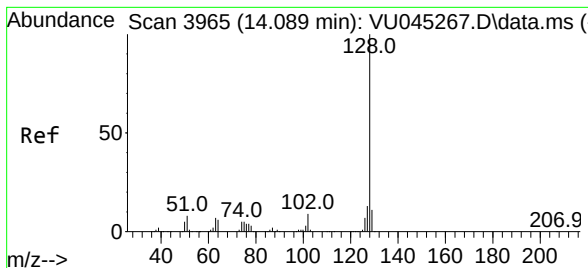
Tgt Ion:180 Resp: 164555
 Ion Ratio Lower Upper
 180 100
 182 93.2 76.8 115.2
 184 30.0 24.4 36.6
 145 30.3 24.9 37.3



#70
 1,2,4-trichlorobenzene
 Concen: 51.201 ug/L
 RT: 13.844 min Scan# 3889
 Delta R.T. -0.000 min
 Lab File: VU045274.D
 Acq: 09 Oct 2021 19:48

Tgt Ion:180 Resp: 137009
 Ion Ratio Lower Upper
 180 100
 182 94.1 76.2 114.2
 145 31.7 25.4 38.0

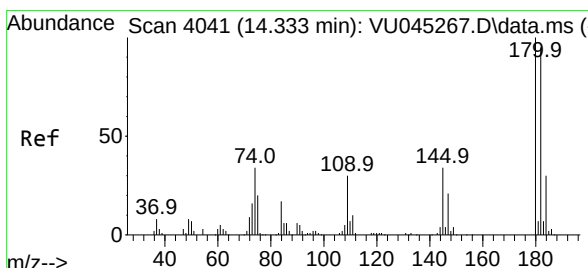
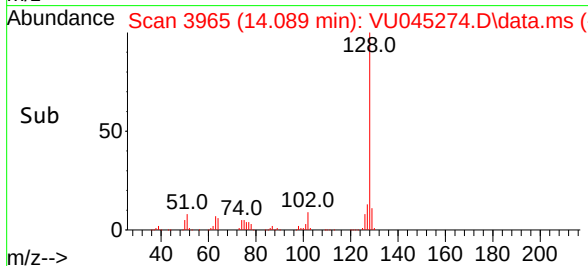
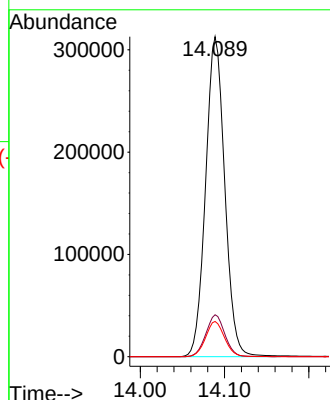
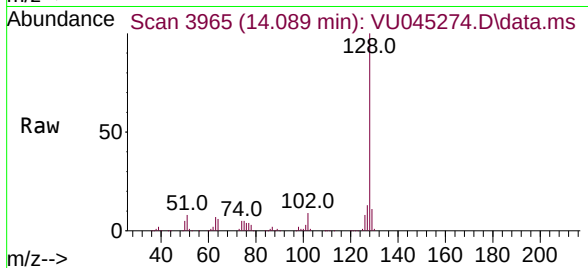




#71
Naphthalene
Concen: 53.380 ug/L
RT: 14.089 min Scan# 3965
Delta R.T. -0.000 min
Lab File: VU045274.D
Acq: 09 Oct 2021 19:48

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion:128 Resp: 494985
Ion Ratio Lower Upper
128 100
127 13.0 10.4 15.6
129 11.0 8.8 13.2



#72
1,2,3-Trichlorobenzene
Concen: 50.517 ug/L
RT: 14.333 min Scan# 4041
Delta R.T. -0.000 min
Lab File: VU045274.D
Acq: 09 Oct 2021 19:48

Tgt Ion:180 Resp: 138305
Ion Ratio Lower Upper
180 100
182 95.8 76.8 115.2
145 33.2 26.5 39.7

