

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU100721\
 Data File : VU045233.D
 Acq On : 08 Oct 2021 01:27
 Operator : SY/MD
 Sample : M4138-03MSD
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Oct 08 02:14:38 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092321WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Oct 07 22:18:46 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.253	114	288217	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	279847	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.816	152	131991	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.600	65	112559	35.675	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	71.340%
7) Chloroethane-d5	1.896	69	98584	39.430	ug/L	-0.01
Spiked Amount	50.000	Range	70 - 130	Recovery	=	78.860%
11) 1,1-Dichloroethene-d2	2.565	63	211503	39.917	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	79.840%
21) 2-Butanone-d5	4.629	46	213788	85.708	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	85.710%
24) Chloroform-d	5.067	84	218486	43.845	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	87.680%
26) 1,2-Dichloroethane-d4	5.706	65	147068	43.570	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	87.140%
32) Benzene-d6	5.732	84	429161	44.195	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	88.400%
36) 1,2-Dichloropropane-d6	6.694	67	140035	44.227	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	88.460%
41) Toluene-d8	7.902	98	387449	46.235	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	92.460%
43) trans-1,3-Dichloroprop...	8.182	79	64902	46.080	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	92.160%
47) 2-Hexanone-d5	8.636	63	160025	91.199	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	91.200%
56) 1,1,2,2-Tetrachloroeth...	10.761	84	227866	46.215	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	92.440%
66) 1,2-Dichlorobenzene-d4	12.195	152	138208	48.114	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	96.220%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.385	85	122247	44.297	ug/L	98
3) Chloromethane	1.523	50	137075	39.849	ug/L	100
5) Vinyl chloride	1.604	62	153968	45.686	ug/L	# 68
6) Bromomethane	1.832	94	54992	34.021	ug/L	99
8) Chloroethane	1.919	64	106257	50.236	ug/L	96
9) Trichlorofluoromethane	2.131	101	181846	47.143	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.578	101	107025	43.960	ug/L	99
12) 1,1-Dichloroethene	2.578	96	107277	48.065	ug/L	84
13) Acetone	2.633	43	148974	51.667	ug/L	99
14) Carbon disulfide	2.790	76	325300	45.494	ug/L	99
15) Methyl Acetate	2.951	43	135885	38.212	ug/L	97
16) Methylene chloride	3.047	84	134760	47.659	ug/L	93
17) trans-1,2-Dichloroethene	3.353	96	115639	49.184	ug/L	97
18) Methyl tert-butyl Ether	3.369	73	420060	54.183	ug/L	99
19) 1,1-Dichloroethane	3.874	63	236079	48.265	ug/L	99
20) cis-1,2-Dichloroethene	4.671	96	134994	52.105	ug/L	90
22) 2-Butanone	4.706	43	238044	73.764	ug/L	97
23) Bromochloromethane	4.980	128	63790	48.570	ug/L	94
25) Chloroform	5.092	83	232781	47.872	ug/L	99

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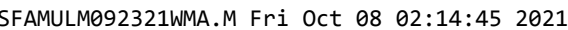
Instrument :
 MSVOA_U
 ClientSampleId :

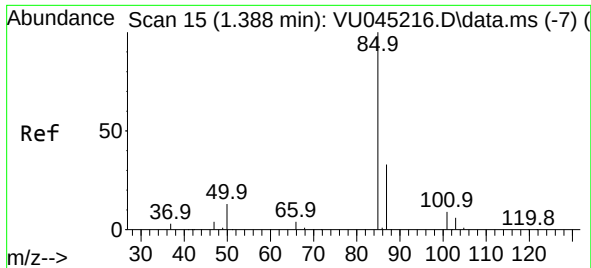
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.796	62	200679	49.342	ug/L	100
29) Cyclohexane	5.391	56	203176	48.301	ug/L	98
30) 1,1,1-Trichloroethane	5.321	97	192392	49.664	ug/L	98
31) Carbon tetrachloride	5.526	117	146043	47.732	ug/L	99
33) Benzene	5.777	78	522565	50.346	ug/L	100
34) Trichloroethene	6.546	95	121424	48.705	ug/L	99
35) Methylcyclohexane	6.767	83	188159	45.080	ug/L	97
37) 1,2-Dichloropropane	6.796	63	139413	49.332	ug/L	99
38) Bromodichloromethane	7.108	83	178870	51.636	ug/L	99
39) cis-1,3-Dichloropropene	7.610	75	204989	50.695	ug/L	100
40) 4-Methyl-2-pentanone	7.796	43	474404	100.493	ug/L	97
42) Toluene	7.973	91	552432	52.383	ug/L	98
44) trans-1,3-Dichloropropene	8.214	75	197286	51.311	ug/L	100
45) 1,1,2-Trichloroethane	8.404	97	132240	51.635	ug/L	99
46) Tetrachloroethene	8.558	164	80952	45.429	ug/L	98
48) 2-Hexanone	8.687	43	380194	90.820	ug/L	98
49) Dibromochloromethane	8.812	129	128034	50.549	ug/L	98
50) 1,2-Dibromoethane	8.928	107	139457	52.009	ug/L	99
51) Chlorobenzene	9.449	112	331059	50.849	ug/L	99
52) Ethylbenzene	9.574	91	604770	54.284	ug/L	99
53) m,p-Xylene	9.697	106	248898	58.975	ug/L	96
54) o-xylene	10.105	106	232135	55.974	ug/L	100
55) Styrene	10.118	104	379721	53.242	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.787	83	248186	50.611	ug/L	99
59) Bromoform	10.295	173	91048	55.620	ug/L	99
60) 1,2,3-Trichloropropane	10.825	75	200441	54.906	ug/L	99
61) Isopropylbenzene	10.488	105	573850	59.407	ug/L	100
62) 1,3,5-Trimethylbenzene	11.092	105	485563	60.190	ug/L	99
63) 1,2,4-Trimethylbenzene	11.471	105	492070	59.566	ug/L	100
64) 1,3-Dichlorobenzene	11.748	146	235980	52.862	ug/L	97
65) 1,4-Dichlorobenzene	11.838	146	236116	51.552	ug/L	98
67) 1,2-Dichlorobenzene	12.214	146	248111	54.140	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.999	75	55484	52.886	ug/L	97
69) 1,3,5-Trichlorobenzene	13.224	180	149030	48.105	ug/L	99
70) 1,2,4-trichlorobenzene	13.844	180	128818	50.038	ug/L	100
71) Naphthalene	14.089	128	555798	62.301	ug/L	100
72) 1,2,3-Trichlorobenzene	14.333	180	138587	52.615	ug/L	99

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

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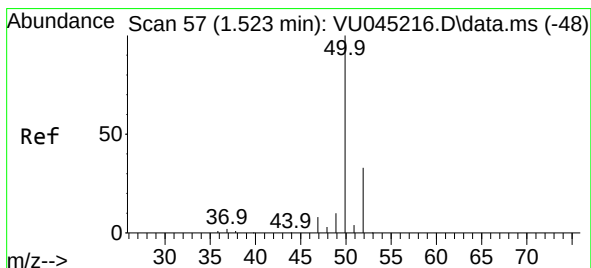
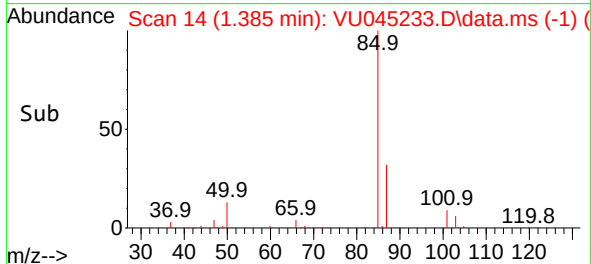
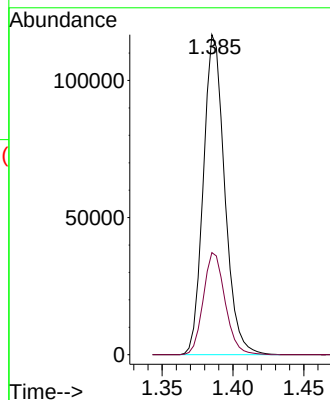
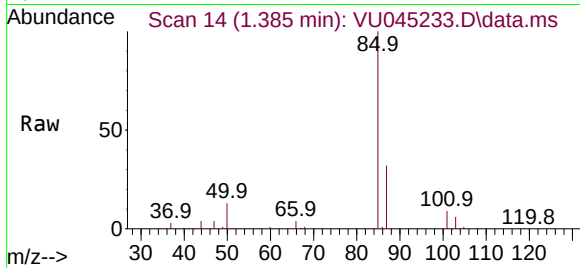




#2
Dichlorodifluoromethane
Concen: 44.297 ug/L
RT: 1.385 min Scan# 14
Delta R.T. -0.003 min
Lab File: VU045233.D
Acq: 08 Oct 2021 01:27

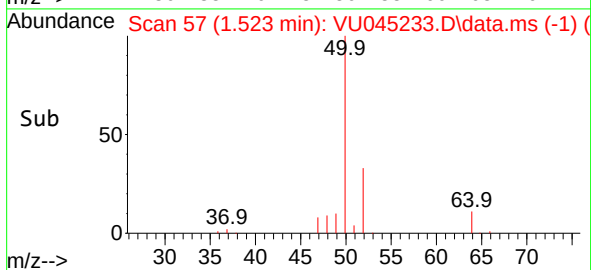
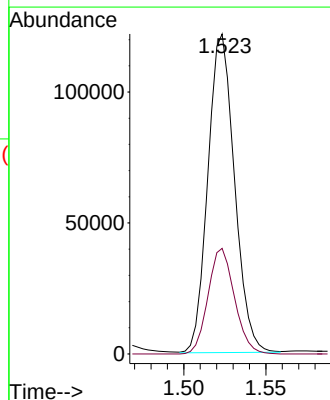
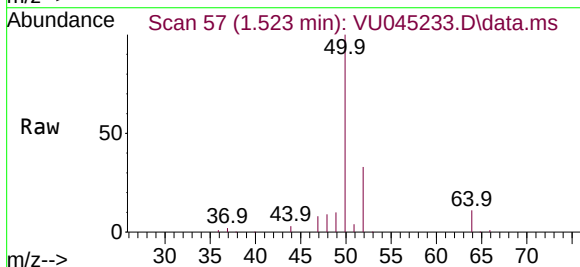
Instrument :
MSVOA_U
ClientSampled :

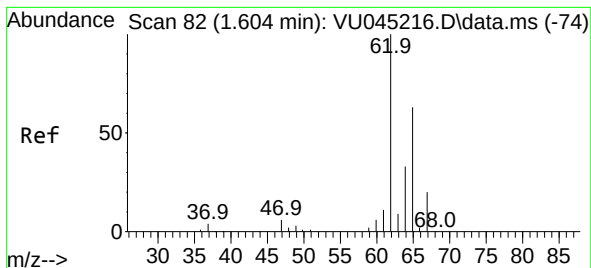
Tgt Ion: 85 Resp: 122247
Ion Ratio Lower Upper
85 100
87 32.5 25.2 37.8



#3
Chloromethane
Concen: 39.849 ug/L
RT: 1.523 min Scan# 57
Delta R.T. -0.000 min
Lab File: VU045233.D
Acq: 08 Oct 2021 01:27

Tgt Ion: 50 Resp: 137075
Ion Ratio Lower Upper
50 100
52 33.0 23.0 42.8





#5

Vinyl chloride

Concen: 45.686 ug/L

RT: 1.604 min Scan# 82

Delta R.T. -0.000 min

Lab File: VU045233.D

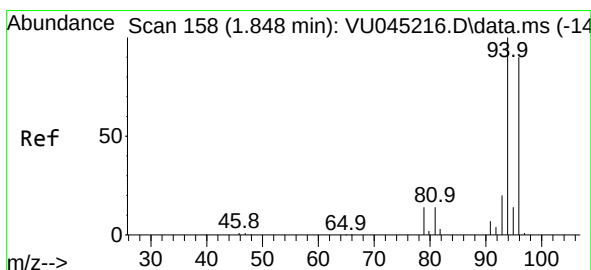
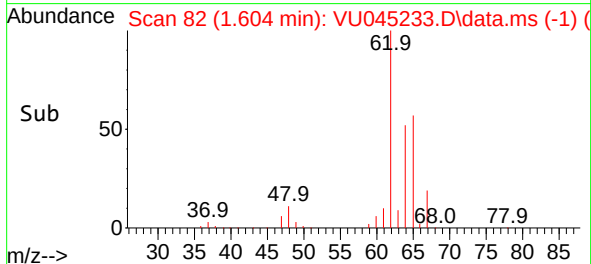
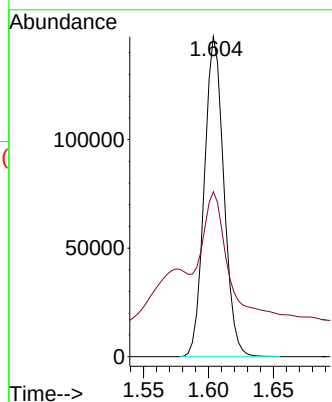
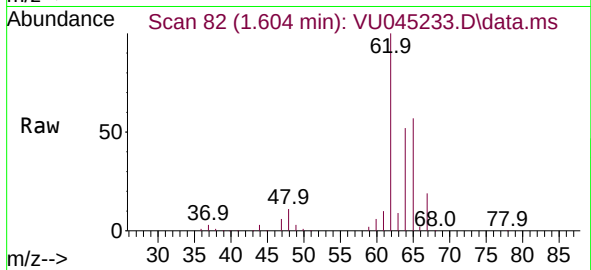
Acq: 08 Oct 2021 01:27

Tgt Ion: 62 Resp: 153968

Ion Ratio Lower Upper

62 100

64 51.5 23.4 43.6#



#6

Bromomethane

Concen: 34.021 ug/L

RT: 1.832 min Scan# 153

Delta R.T. -0.016 min

Lab File: VU045233.D

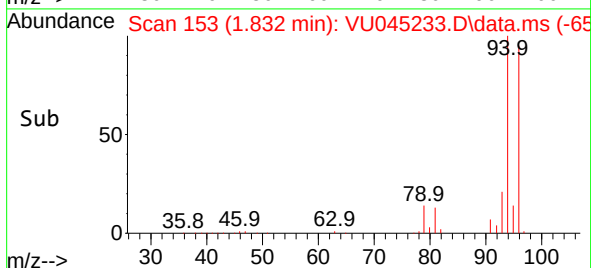
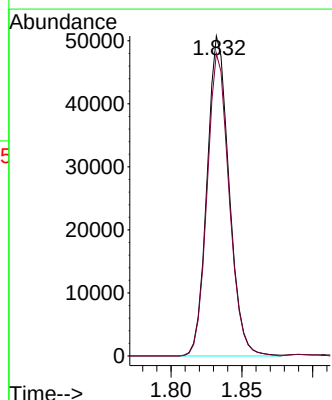
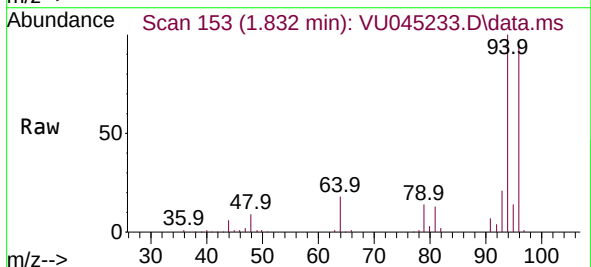
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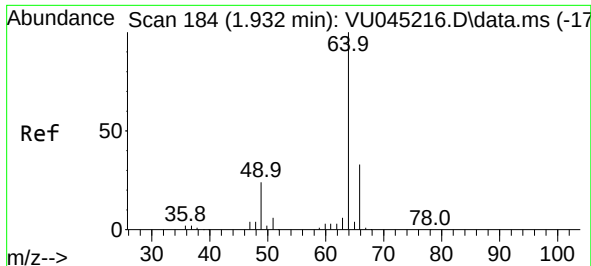
Tgt Ion: 94 Resp: 54992

Ion Ratio Lower Upper

94 100

96 94.5 65.7 121.9

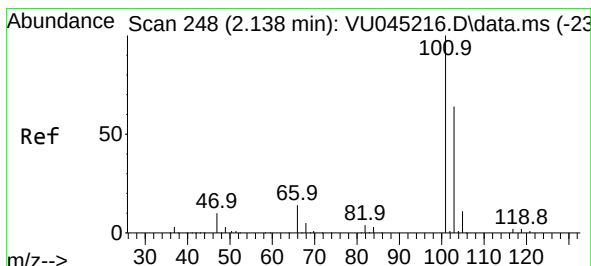
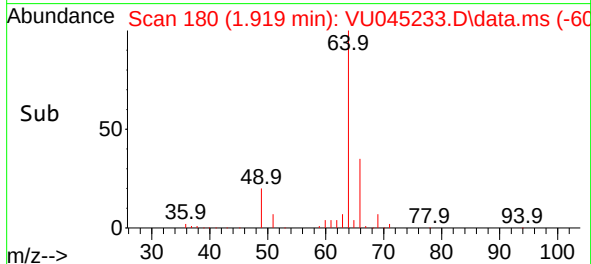
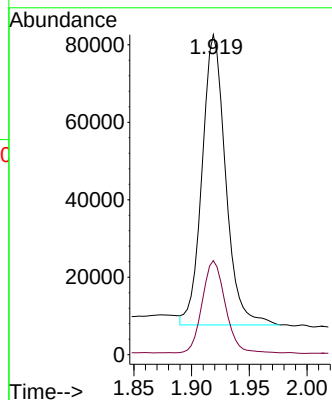
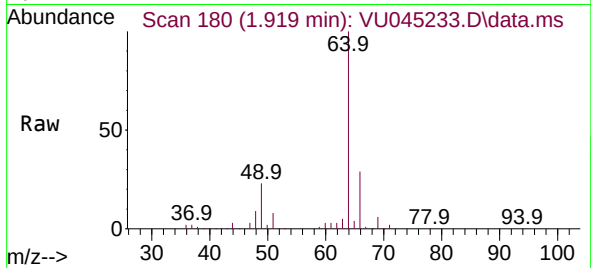




#8
Chloroethane
Concen: 50.236 ug/L
RT: 1.919 min Scan# 180
Delta R.T. -0.013 min
Lab File: VU045233.D
Acq: 08 Oct 2021 01:27

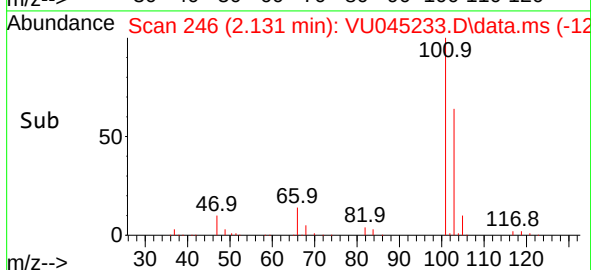
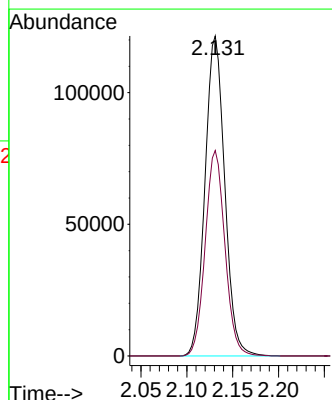
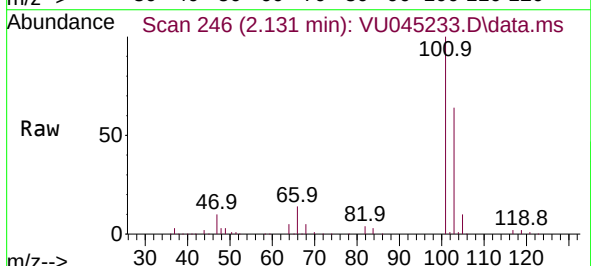
Instrument :
MSVOA_U
ClientSampled :

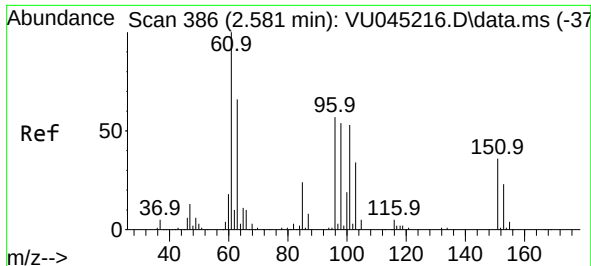
Tgt Ion: 64 Resp: 106257
Ion Ratio Lower Upper
64 100
66 29.4 22.3 41.3



#9
Trichlorofluoromethane
Concen: 47.143 ug/L
RT: 2.131 min Scan# 246
Delta R.T. -0.007 min
Lab File: VU045233.D
Acq: 08 Oct 2021 01:27

Tgt Ion:101 Resp: 181846
Ion Ratio Lower Upper
101 100
103 64.2 50.9 76.3

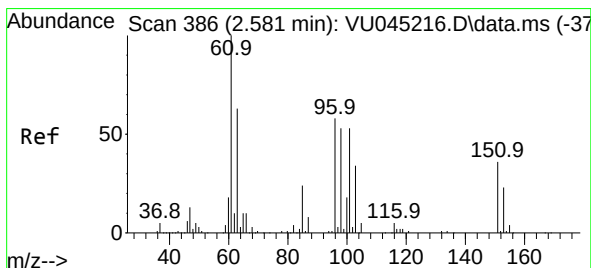
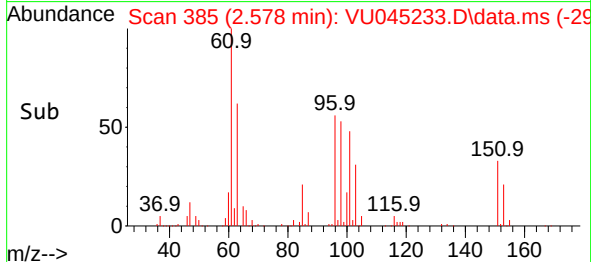
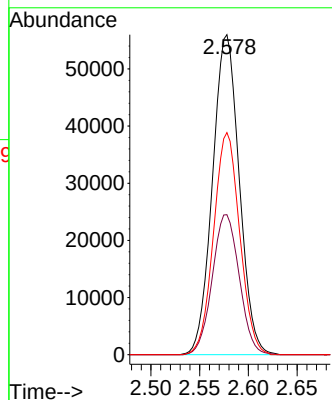
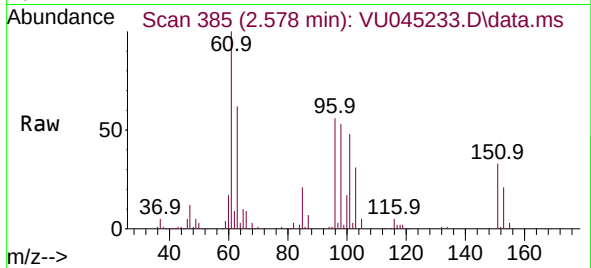




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 43.960 ug/L
 RT: 2.578 min Scan# 385
 Delta R.T. -0.003 min
 Lab File: VU045233.D
 Acq: 08 Oct 2021 01:27

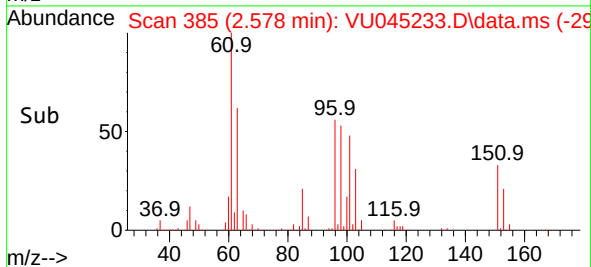
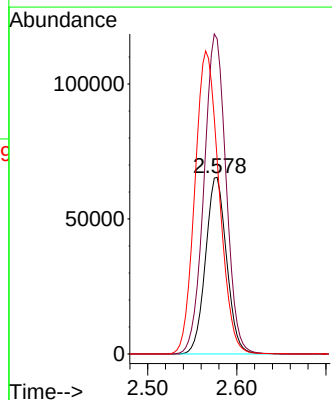
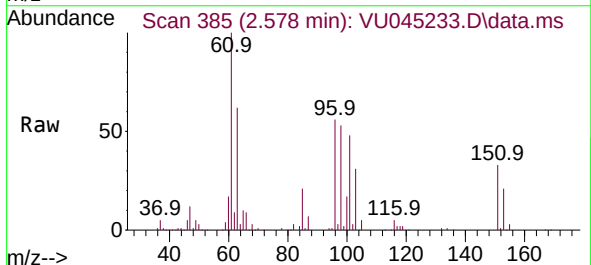
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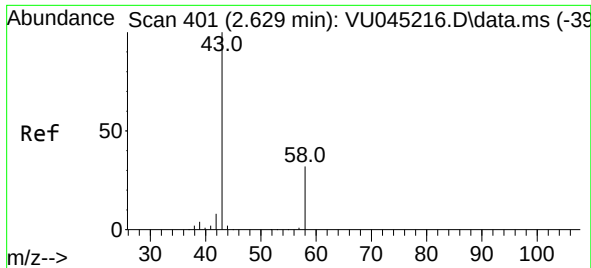
Tgt Ion:	101	Resp:	107025
Ion	Ratio	Lower	Upper
101	100		
85	44.1	36.4	54.6
151	67.8	54.4	81.6



#12
 1,1-Dichloroethene
 Concen: 48.065 ug/L
 RT: 2.578 min Scan# 385
 Delta R.T. -0.003 min
 Lab File: VU045233.D
 Acq: 08 Oct 2021 01:27

Tgt Ion:	96	Resp:	107277
Ion	Ratio	Lower	Upper
96	100		
61	178.4	131.3	243.9
63	110.1	102.5	190.3

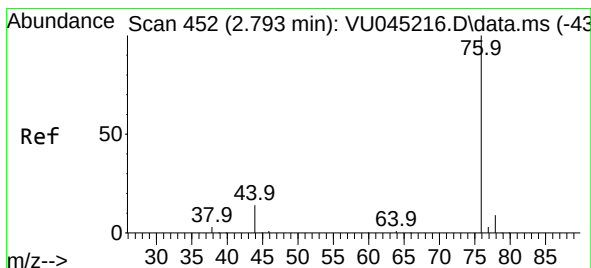
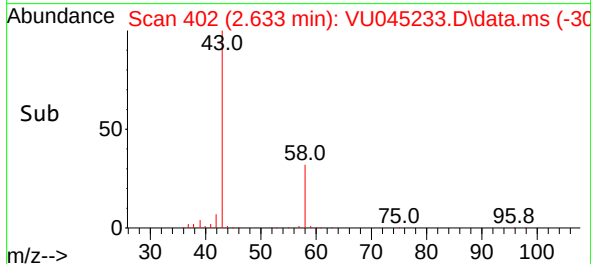
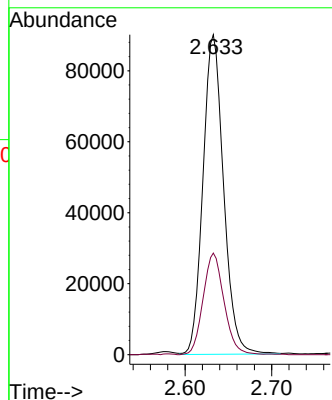
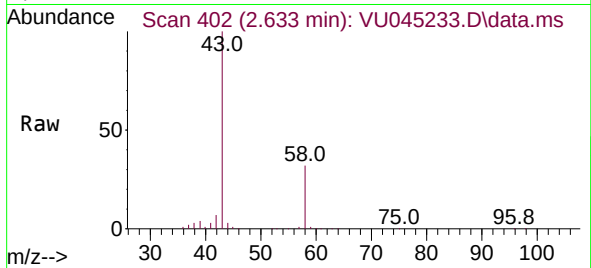




#13
Acetone
Concen: 51.667 ug/L
RT: 2.633 min Scan# 402
Delta R.T. 0.003 min
Lab File: VU045233.D
Acq: 08 Oct 2021 01:27

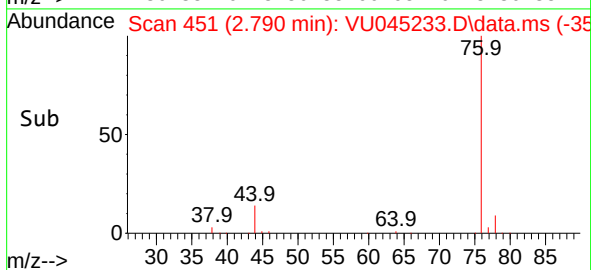
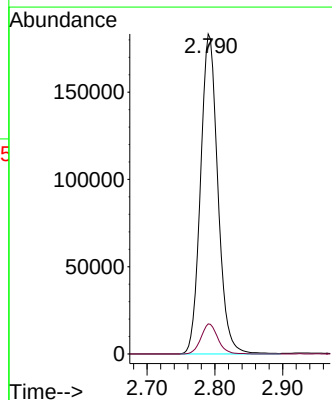
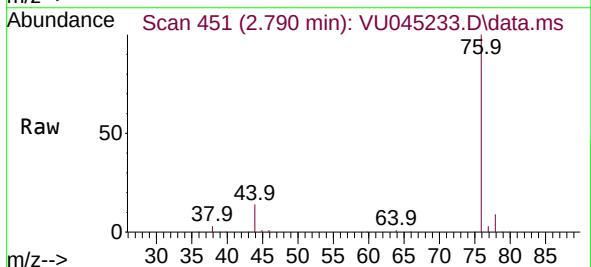
Instrument :
MSVOA_U
ClientSampleId :

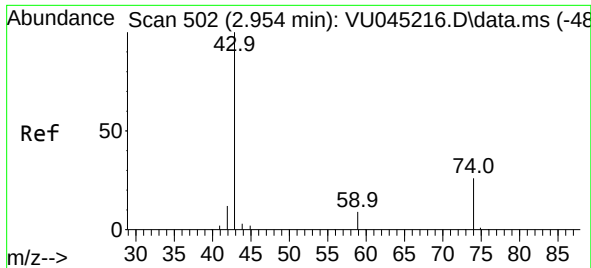
Tgt Ion: 43 Resp: 148974
Ion Ratio Lower Upper
43 100
58 32.1 0.0 62.8



#14
Carbon disulfide
Concen: 45.494 ug/L
RT: 2.790 min Scan# 451
Delta R.T. -0.003 min
Lab File: VU045233.D
Acq: 08 Oct 2021 01:27

Tgt Ion: 76 Resp: 325300
Ion Ratio Lower Upper
76 100
78 9.4 7.3 10.9

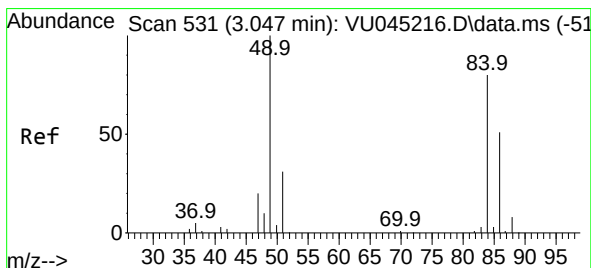
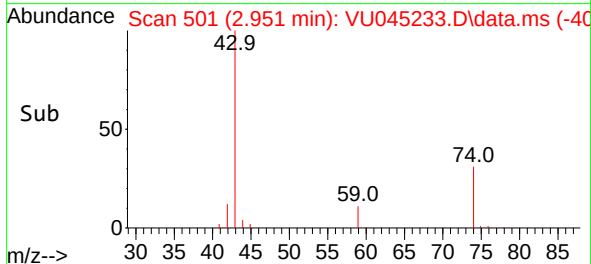
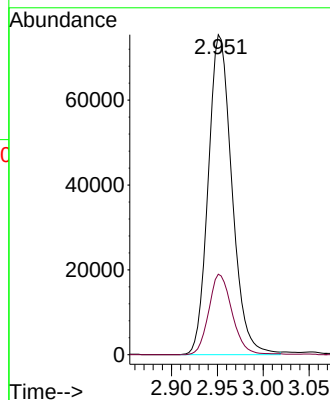
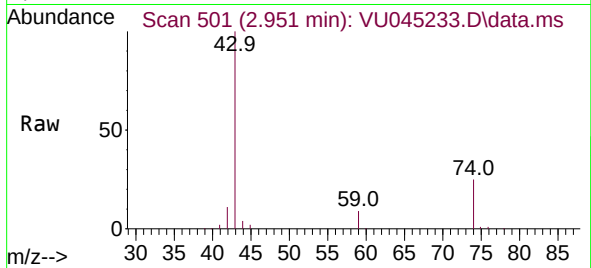




#15
Methyl Acetate
Concen: 38.212 ug/L
RT: 2.951 min Scan# 501
Delta R.T. -0.003 min
Lab File: VU045233.D
Acq: 08 Oct 2021 01:27

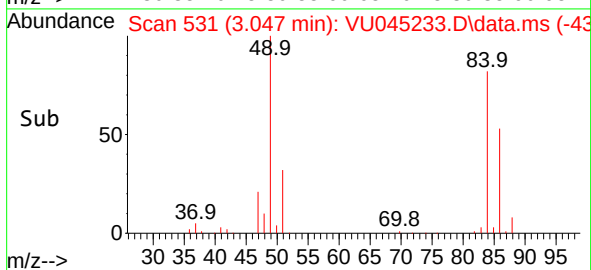
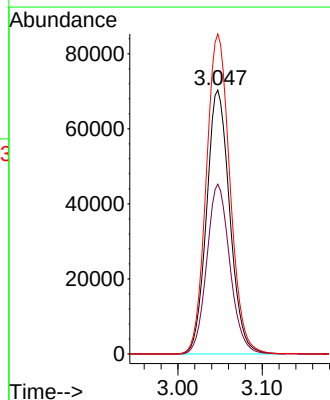
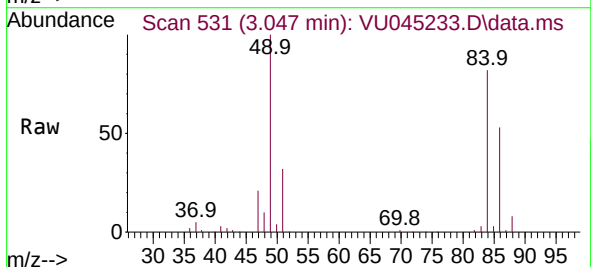
Instrument :
MSVOA_U
ClientSampleId :

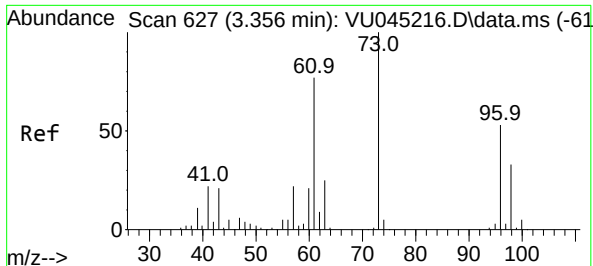
Tgt Ion: 43 Resp: 135885
Ion Ratio Lower Upper
43 100
74 24.7 18.4 27.6



#16
Methylene chloride
Concen: 47.659 ug/L
RT: 3.047 min Scan# 531
Delta R.T. -0.000 min
Lab File: VU045233.D
Acq: 08 Oct 2021 01:27

Tgt Ion: 84 Resp: 134760
Ion Ratio Lower Upper
84 100
86 64.4 44.7 83.1
49 121.3 92.9 172.5

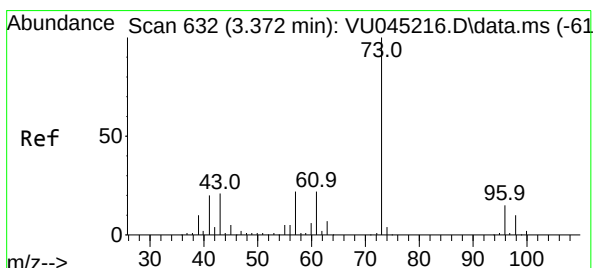
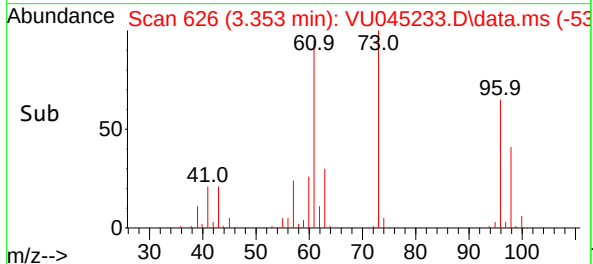
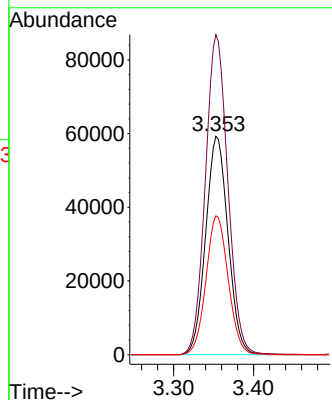
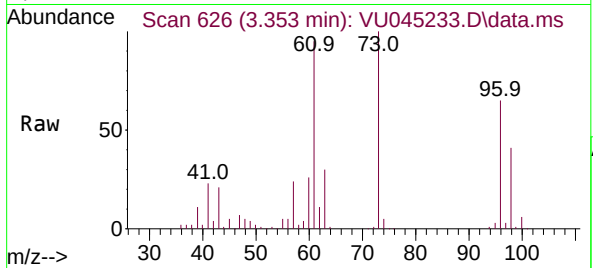




#17
trans-1,2-Dichloroethene
Concen: 49.184 ug/L
RT: 3.353 min Scan# 626
Delta R.T. -0.003 min
Lab File: VU045233.D
Acq: 08 Oct 2021 01:27

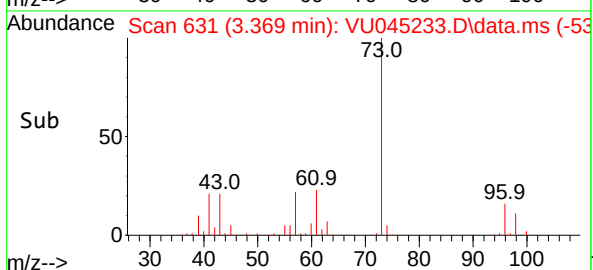
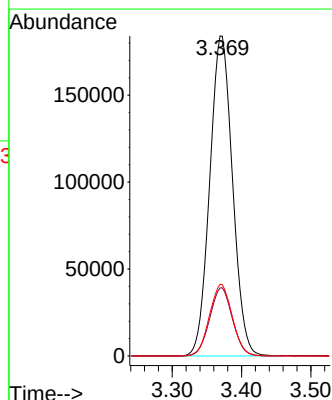
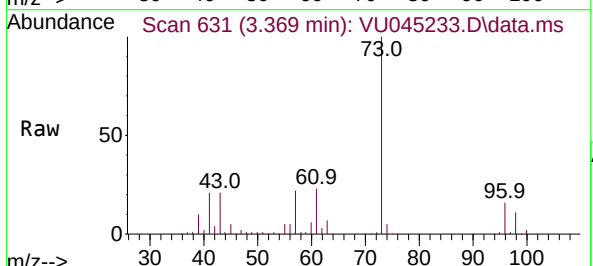
Instrument :
MSVOA_U
ClientSampleId :

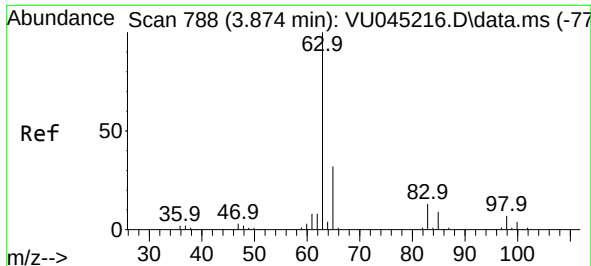
Tgt Ion: 96 Resp: 115639
Ion Ratio Lower Upper
96 100
61 146.6 105.1 195.3
98 63.6 43.0 79.8



#18
Methyl tert-butyl Ether
Concen: 54.183 ug/L
RT: 3.369 min Scan# 631
Delta R.T. -0.003 min
Lab File: VU045233.D
Acq: 08 Oct 2021 01:27

Tgt Ion: 73 Resp: 420060
Ion Ratio Lower Upper
73 100
43 21.3 17.3 25.9
57 22.3 18.7 28.1





#19

1,1-Dichloroethane

Concen: 48.265 ug/L

RT: 3.874 min Scan# 788

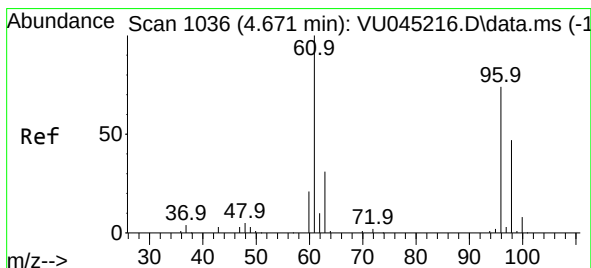
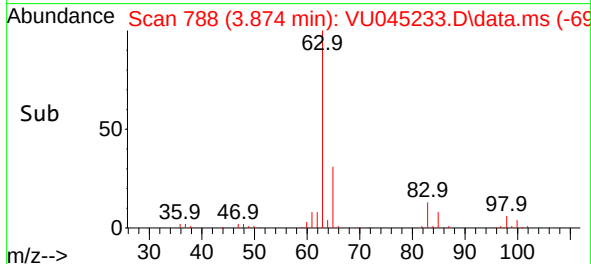
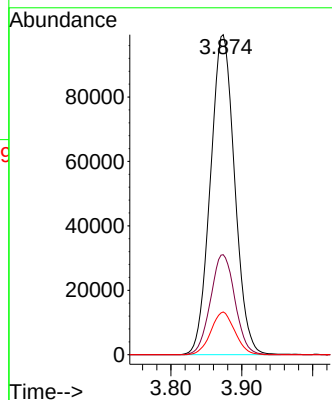
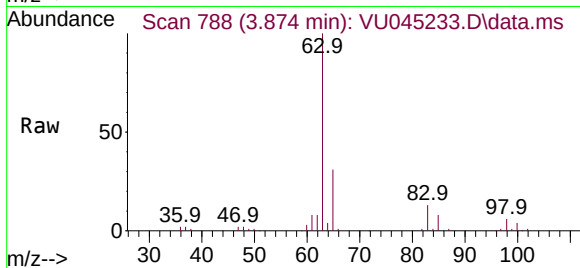
Delta R.T. -0.000 min

Lab File: VU045233.D

Acq: 08 Oct 2021 01:27

Tgt Ion: 63 Resp: 236079

Ion	Ratio	Lower	Upper
63	100		
65	31.2	22.0	40.8
83	13.3	9.0	16.6



#20

cis-1,2-Dichloroethene

Concen: 52.105 ug/L

RT: 4.671 min Scan# 1036

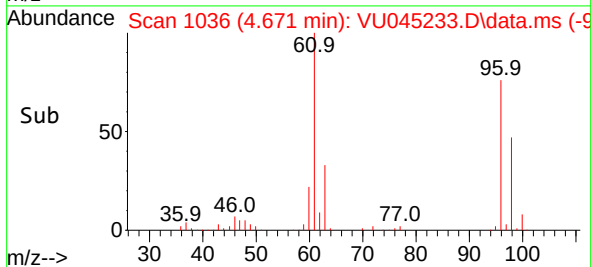
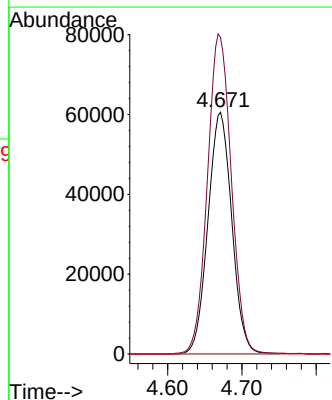
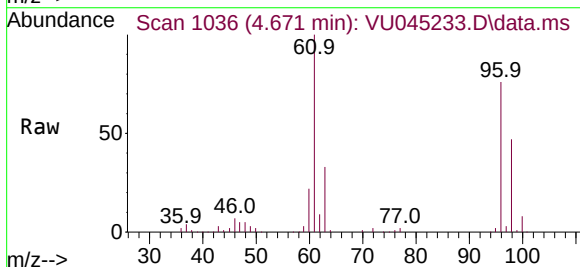
Delta R.T. -0.000 min

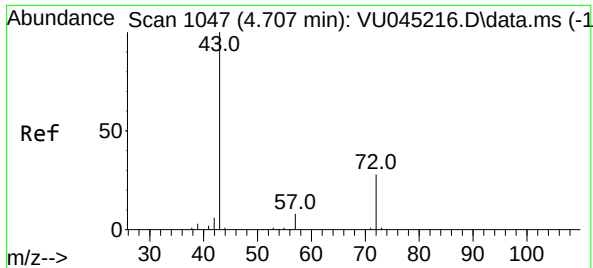
Lab File: VU045233.D

Acq: 08 Oct 2021 01:27

Tgt Ion: 96 Resp: 134994

Ion	Ratio	Lower	Upper
96	100		
61	130.9	100.2	186.0
68	0.0	0.0	0.0

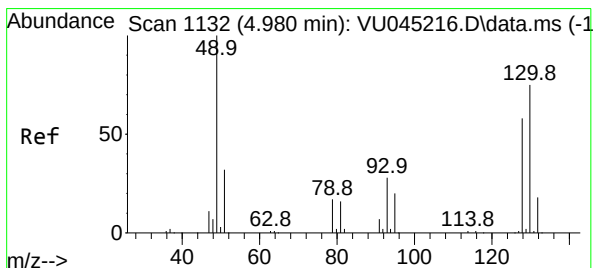
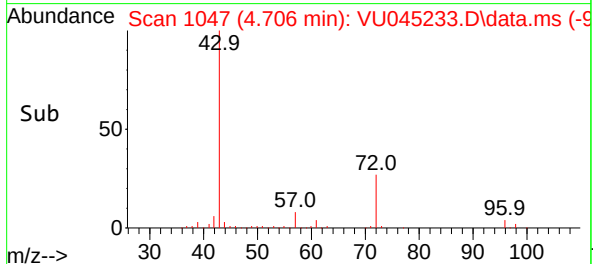
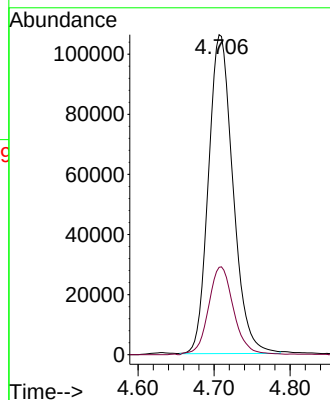
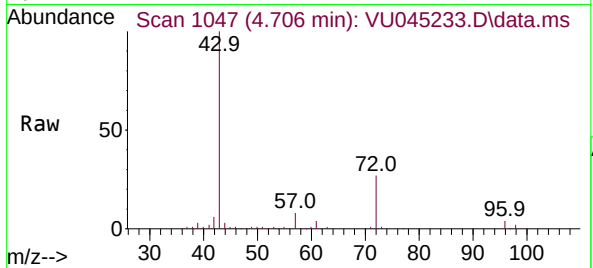




#22
2-Butanone
Concen: 73.764 ug/L
RT: 4.706 min Scan# 1047
Delta R.T. -0.000 min
Lab File: VU045233.D
Acq: 08 Oct 2021 01:27

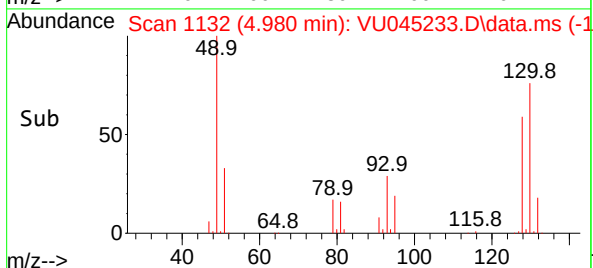
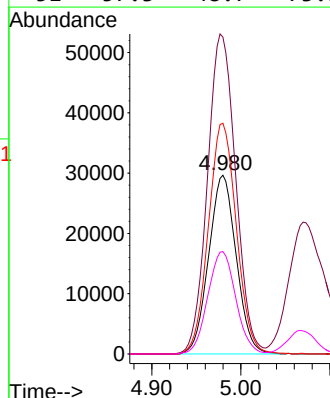
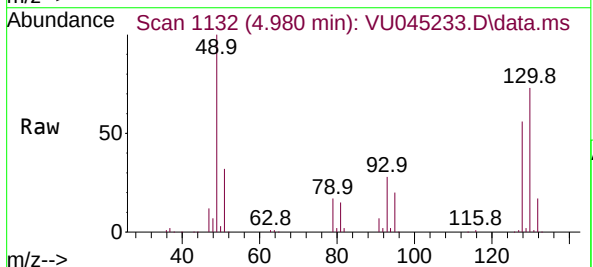
Instrument :
MSVOA_U
ClientSampled :

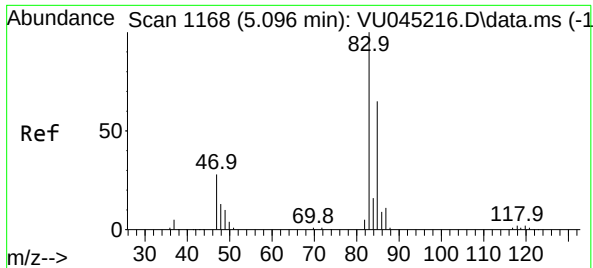
Tgt Ion: 43 Resp: 238044
Ion Ratio Lower Upper
43 100
72 28.2 13.3 39.9



#23
Bromochloromethane
Concen: 48.570 ug/L
RT: 4.980 min Scan# 1132
Delta R.T. -0.000 min
Lab File: VU045233.D
Acq: 08 Oct 2021 01:27

Tgt Ion:128 Resp: 63790
Ion Ratio Lower Upper
128 100
49 177.2 132.9 246.7
130 129.0 88.2 163.8
51 57.3 48.7 73.1



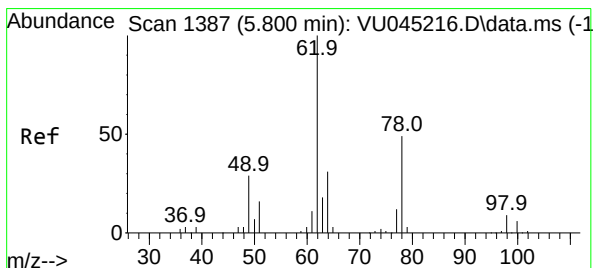
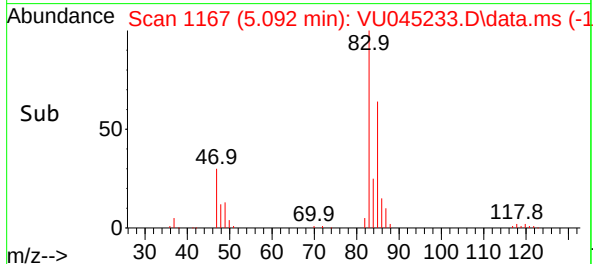
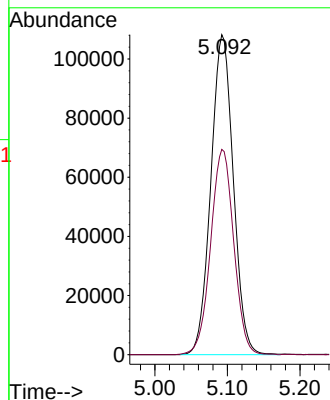
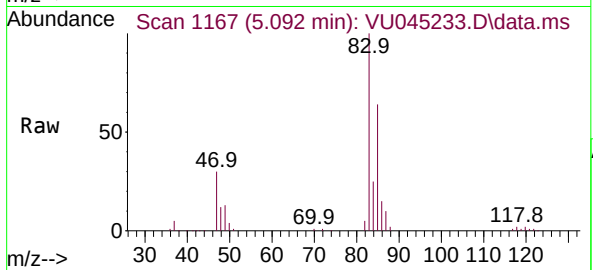


#25

Chloroform
Concen: 47.872 ug/L
RT: 5.092 min Scan# 1167
Delta R.T. -0.003 min
Lab File: VU045233.D
Acq: 08 Oct 2021 01:27

Instrument :
MSVOA_U
ClientSampled :

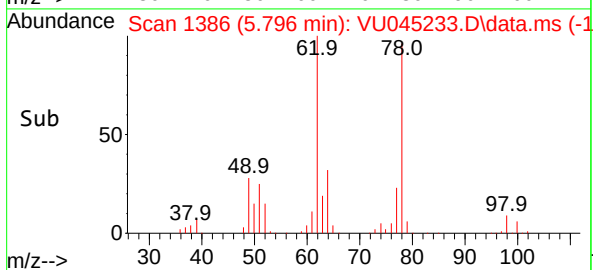
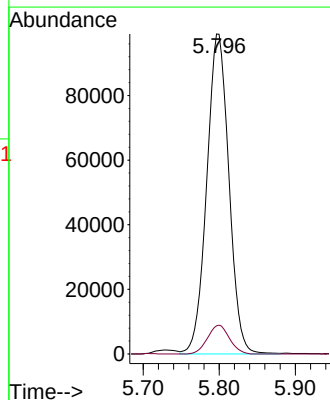
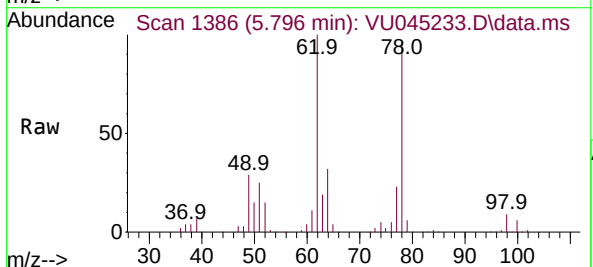
Tgt Ion: 83 Resp: 232781
Ion Ratio Lower Upper
83 100
85 64.2 45.6 84.6

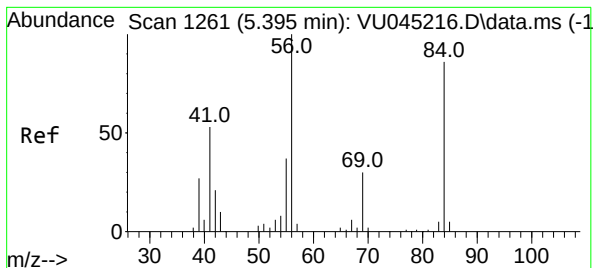


#27

1,2-Dichloroethane
Concen: 49.342 ug/L
RT: 5.796 min Scan# 1386
Delta R.T. -0.003 min
Lab File: VU045233.D
Acq: 08 Oct 2021 01:27

Tgt Ion: 62 Resp: 200679
Ion Ratio Lower Upper
62 100
98 8.8 7.1 10.7





#29

Cyclohexane

Concen: 48.301 ug/L

RT: 5.391 min Scan# 1260

Delta R.T. -0.003 min

Lab File: VU045233.D

Acq: 08 Oct 2021 01:27

Tgt Ion: 56 Resp: 203176

Ion Ratio Lower Upper

56 100

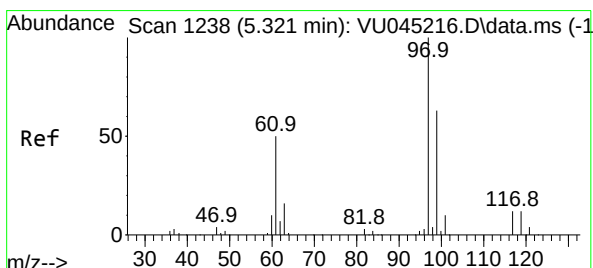
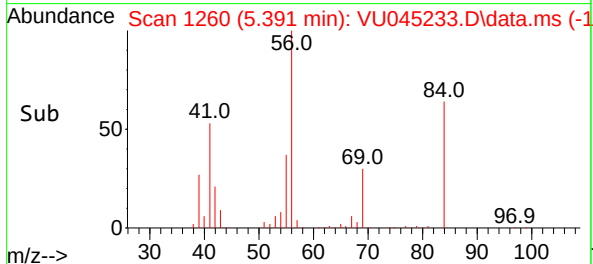
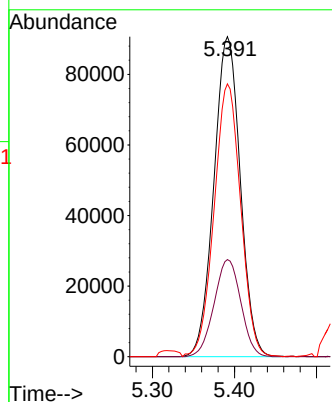
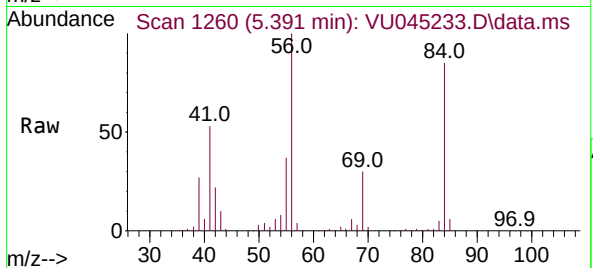
69 30.7 23.8 35.8

84 85.7 66.8 100.2

Instrument :

MSVOA_U

ClientSampleId :



#30

1,1,1-Trichloroethane

Concen: 49.664 ug/L

RT: 5.321 min Scan# 1238

Delta R.T. -0.000 min

Lab File: VU045233.D

Acq: 08 Oct 2021 01:27

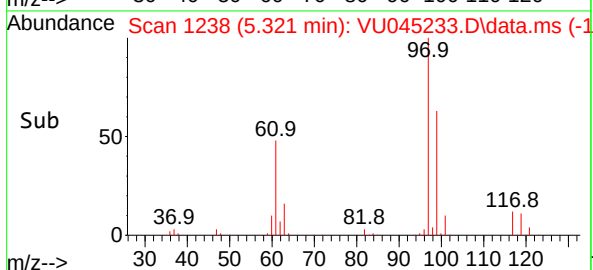
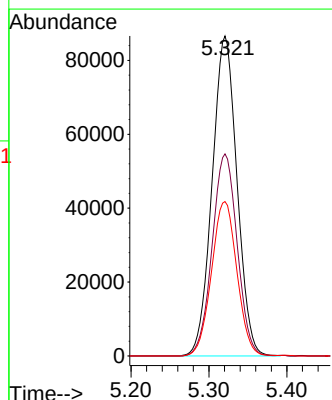
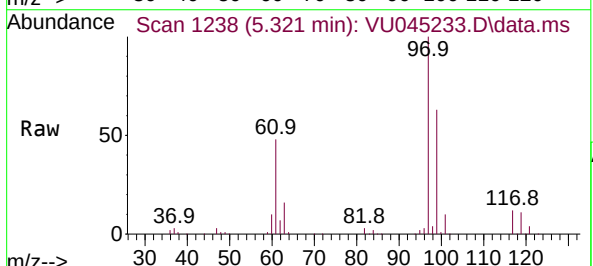
Tgt Ion: 97 Resp: 192392

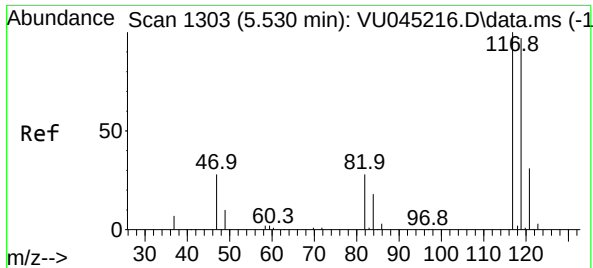
Ion Ratio Lower Upper

97 100

99 63.5 50.6 75.8

61 49.3 41.3 61.9

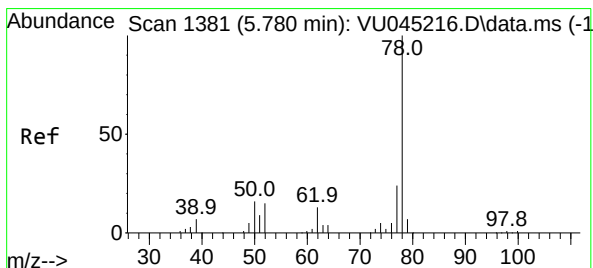
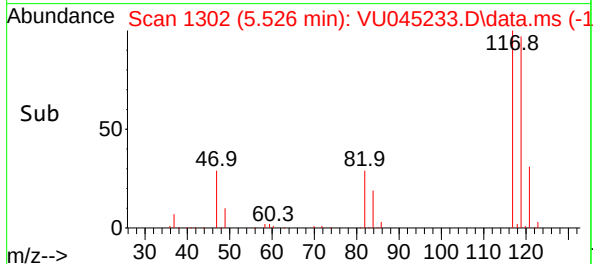
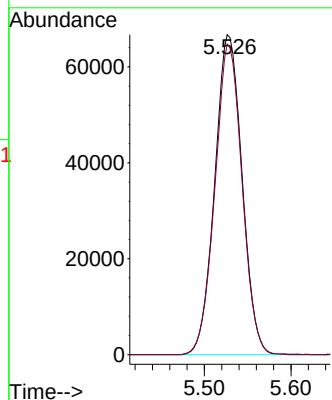
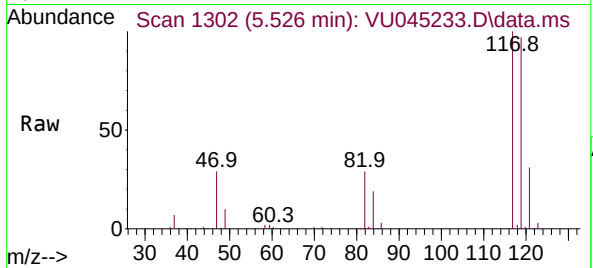




#31
Carbon tetrachloride
Concen: 47.732 ug/L
RT: 5.526 min Scan# 1302
Delta R.T. -0.003 min
Lab File: VU045233.D
Acq: 08 Oct 2021 01:27

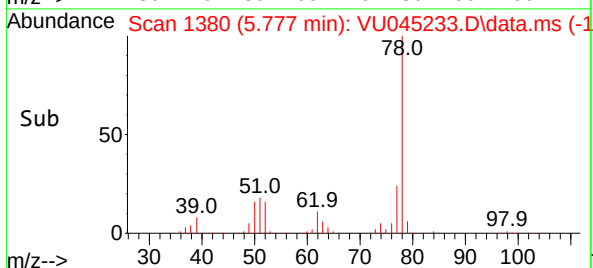
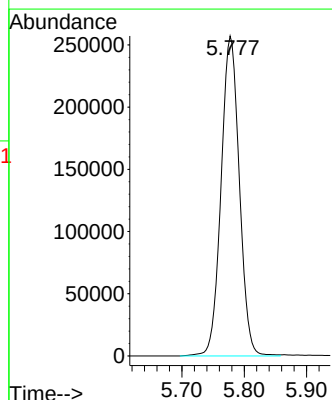
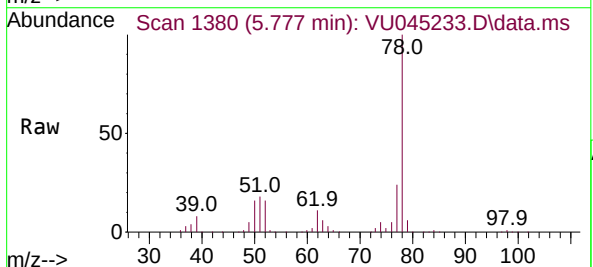
Instrument :
MSVOA_U
ClientSampleId :

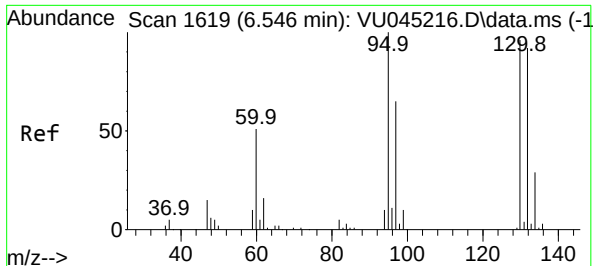
Tgt Ion:117 Resp: 146043
Ion Ratio Lower Upper
117 100
119 96.5 77.7 116.5



#33
Benzene
Concen: 50.346 ug/L
RT: 5.777 min Scan# 1380
Delta R.T. -0.003 min
Lab File: VU045233.D
Acq: 08 Oct 2021 01:27

Tgt Ion: 78 Resp: 522565





#34

Trichloroethene

Concen: 48.705 ug/L

RT: 6.546 min Scan# 1619

Delta R.T. -0.000 min

Lab File: VU045233.D

Acq: 08 Oct 2021 01:27

Tgt Ion: 95 Resp: 121424

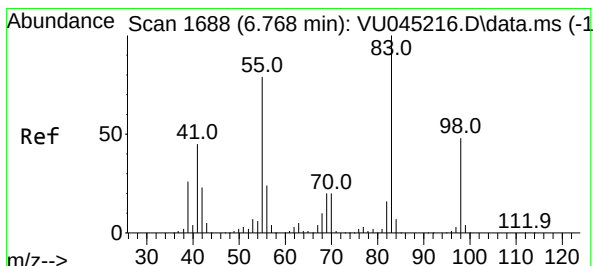
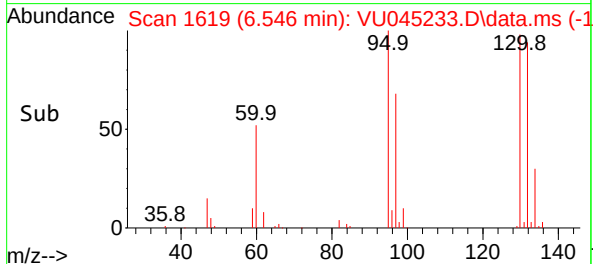
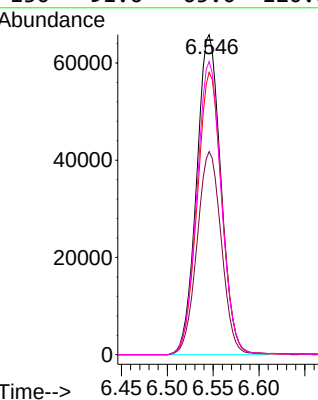
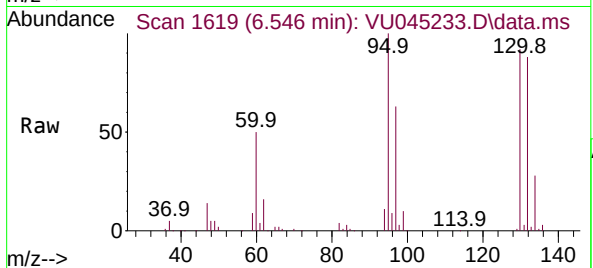
Ion Ratio Lower Upper

95 100

97 63.4 44.4 82.4

132 88.3 62.9 116.9

130 91.6 65.0 120.8



#35

Methylcyclohexane

Concen: 45.080 ug/L

RT: 6.767 min Scan# 1688

Delta R.T. -0.000 min

Lab File: VU045233.D

Acq: 08 Oct 2021 01:27

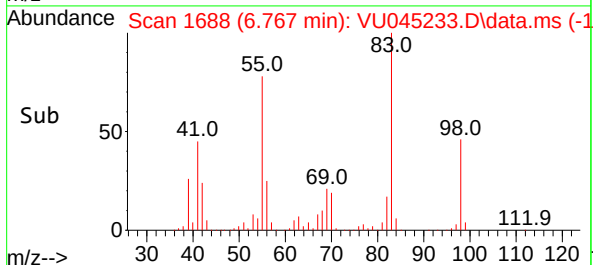
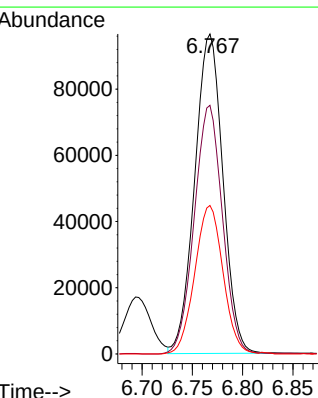
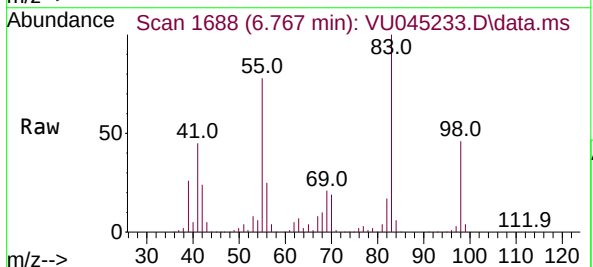
Tgt Ion: 83 Resp: 188159

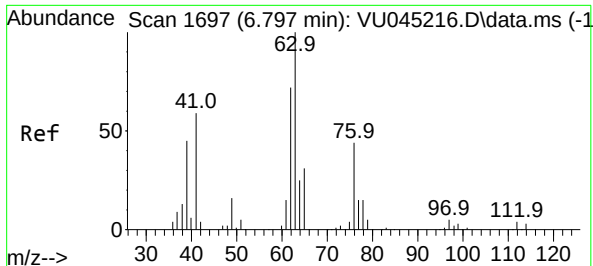
Ion Ratio Lower Upper

83 100

55 78.0 65.8 98.6

98 46.5 37.1 55.7

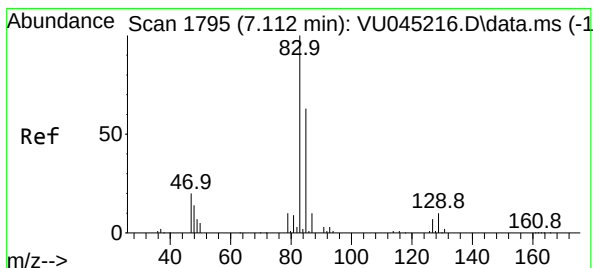
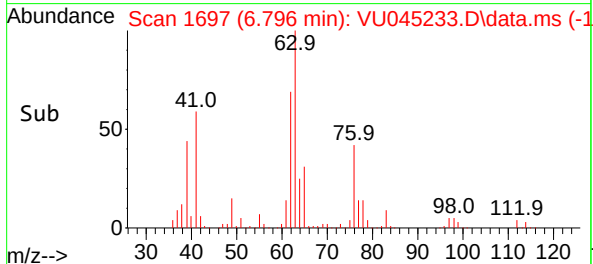
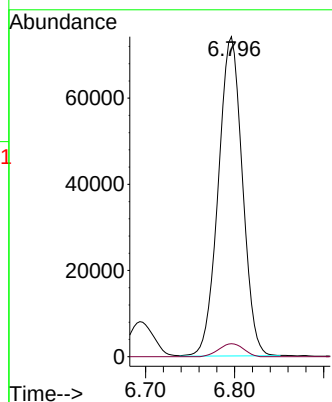
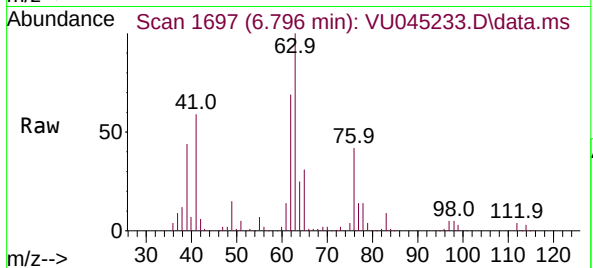




#37
1,2-Dichloropropane
Concen: 49.332 ug/L
RT: 6.796 min Scan# 1697
Delta R.T. -0.000 min
Lab File: VU045233.D
Acq: 08 Oct 2021 01:27

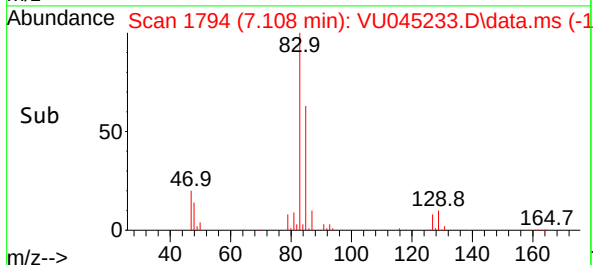
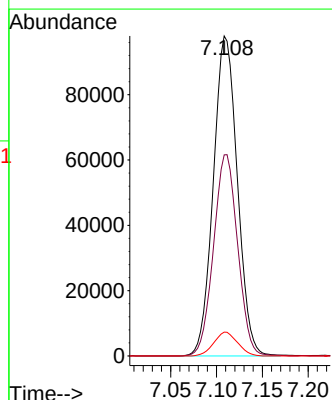
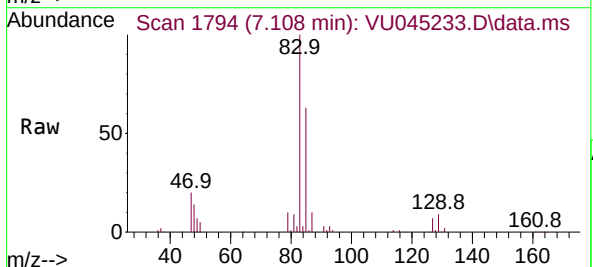
Instrument :
MSVOA_U
ClientSampleId :

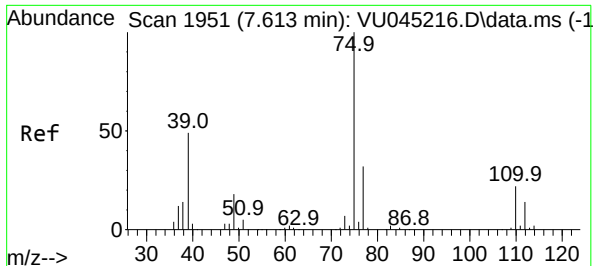
Tgt Ion: 63 Resp: 139413
Ion Ratio Lower Upper
63 100
112 4.2 3.2 4.8



#38
Bromodichloromethane
Concen: 51.636 ug/L
RT: 7.108 min Scan# 1794
Delta R.T. -0.003 min
Lab File: VU045233.D
Acq: 08 Oct 2021 01:27

Tgt Ion: 83 Resp: 178870
Ion Ratio Lower Upper
83 100
85 62.8 44.6 82.8
127 7.4 6.2 9.2



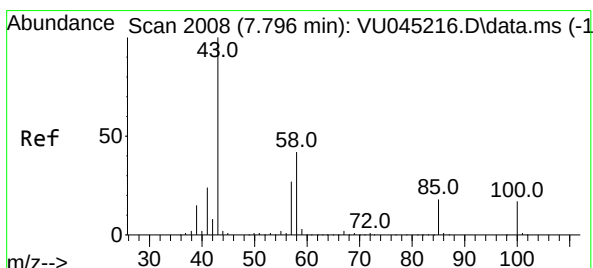
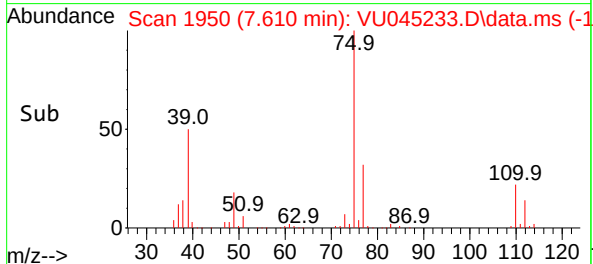
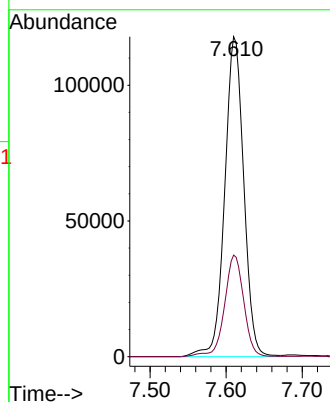
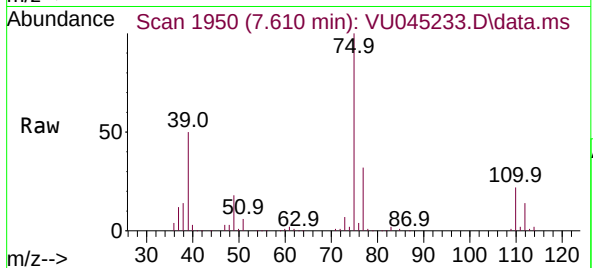


#39

cis-1,3-Dichloropropene
Concen: 50.695 ug/L
RT: 7.610 min Scan# 1950
Delta R.T. -0.003 min
Lab File: VU045233.D
Acq: 08 Oct 2021 01:27

Instrument :
MSVOA_U
ClientSampled :

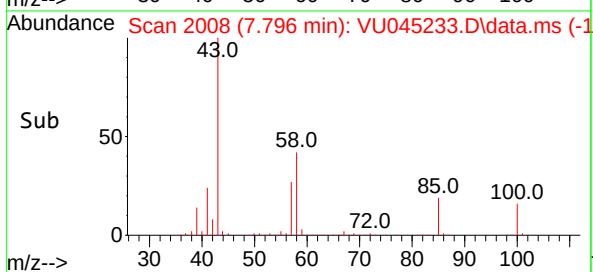
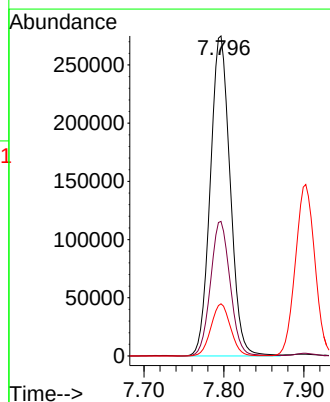
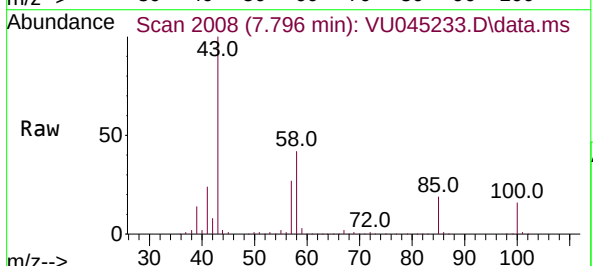
Tgt Ion: 75 Resp: 204989
Ion Ratio Lower Upper
75 100
77 31.8 22.4 41.6

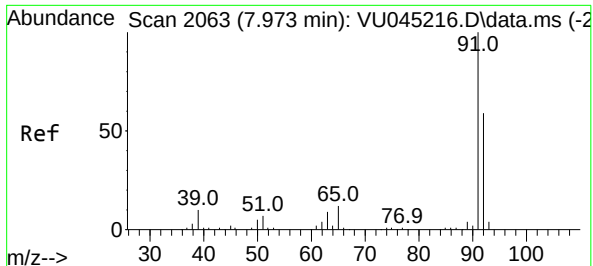


#40

4-Methyl-2-pentanone
Concen: 100.493 ug/L
RT: 7.796 min Scan# 2008
Delta R.T. -0.000 min
Lab File: VU045233.D
Acq: 08 Oct 2021 01:27

Tgt Ion: 43 Resp: 474404
Ion Ratio Lower Upper
43 100
58 41.7 31.8 47.8
100 16.1 11.8 17.6

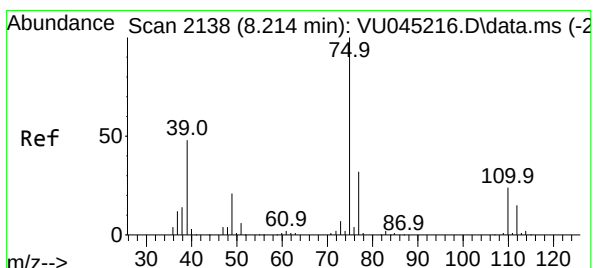
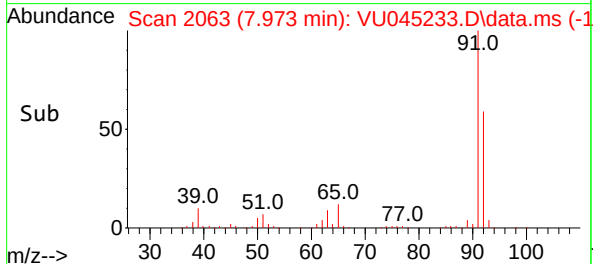
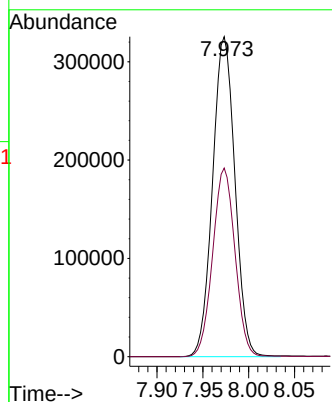
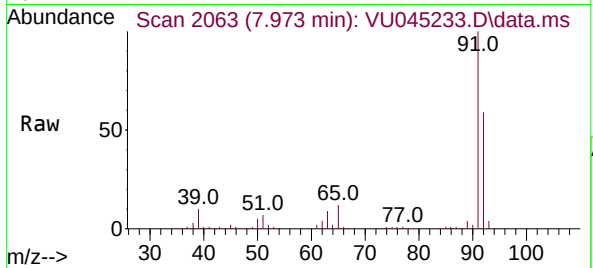




#42
Toluene
Concen: 52.383 ug/L
RT: 7.973 min Scan# 2063
Delta R.T. -0.000 min
Lab File: VU045233.D
Acq: 08 Oct 2021 01:27

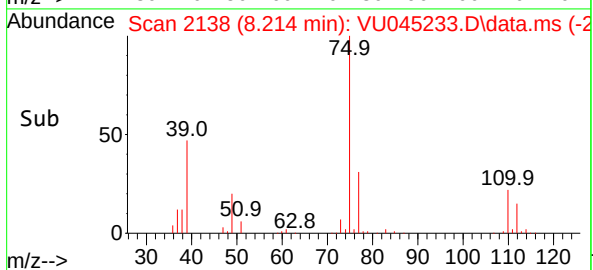
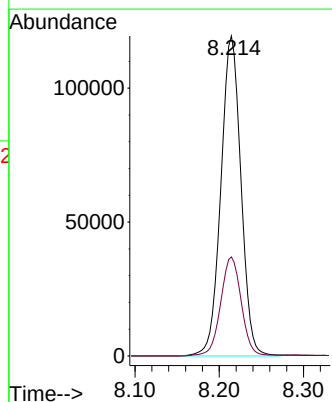
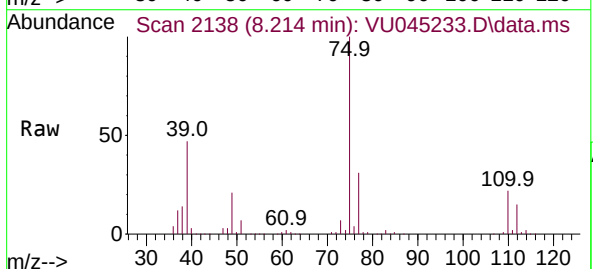
Instrument :
MSVOA_U
ClientSampled :

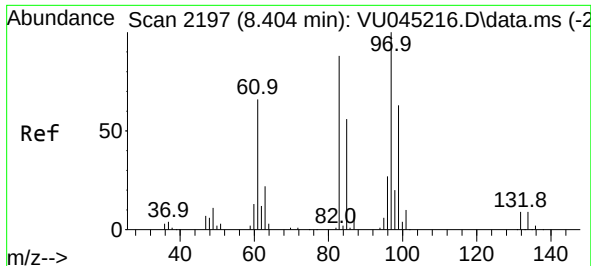
Tgt Ion: 91 Resp: 552432
Ion Ratio Lower Upper
91 100
92 58.9 40.5 75.1



#44
trans-1,3-Dichloropropene
Concen: 51.311 ug/L
RT: 8.214 min Scan# 2138
Delta R.T. -0.000 min
Lab File: VU045233.D
Acq: 08 Oct 2021 01:27

Tgt Ion: 75 Resp: 197286
Ion Ratio Lower Upper
75 100
77 31.0 21.7 40.3



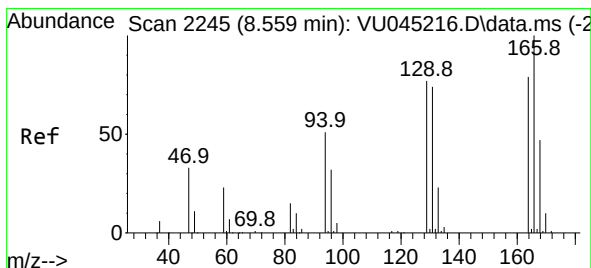
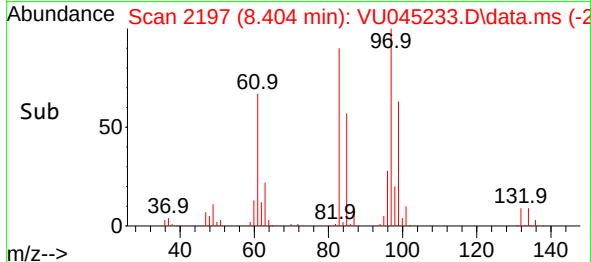
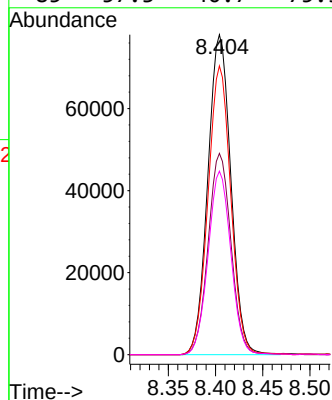
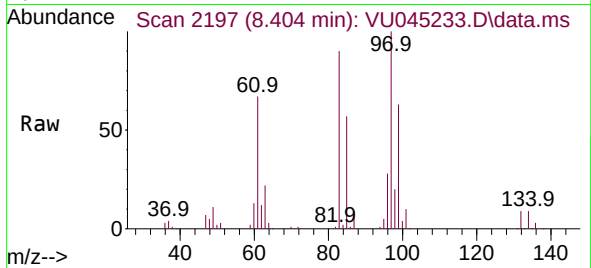


#45
1,1,2-Trichloroethane
Concen: 51.635 ug/L
RT: 8.404 min Scan# 2197
Delta R.T. -0.000 min
Lab File: VU045233.D
Acq: 08 Oct 2021 01:27

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 97 Resp: 132240

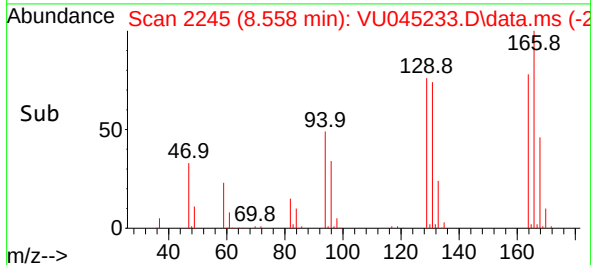
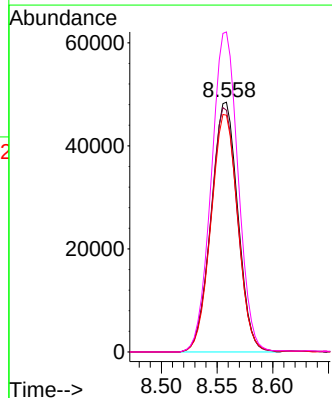
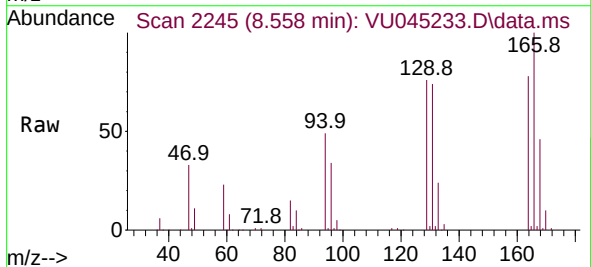
Ion	Ratio	Lower	Upper
97	100		
99	62.9	43.7	81.1
83	90.2	61.9	115.1
85	57.3	40.7	75.5

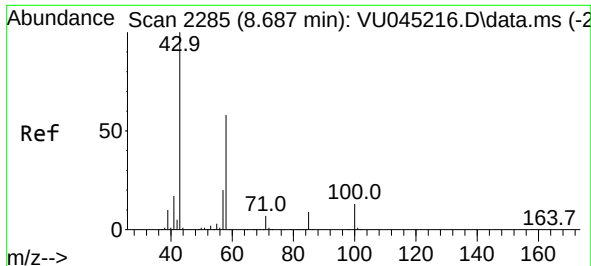


#46
Tetrachloroethene
Concen: 45.429 ug/L
RT: 8.558 min Scan# 2245
Delta R.T. -0.000 min
Lab File: VU045233.D
Acq: 08 Oct 2021 01:27

Tgt Ion: 164 Resp: 80952

Ion	Ratio	Lower	Upper
164	100		
129	96.8	69.8	129.6
131	94.8	66.4	123.2
166	128.1	91.1	169.3

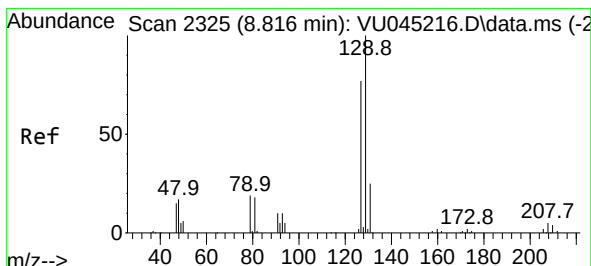
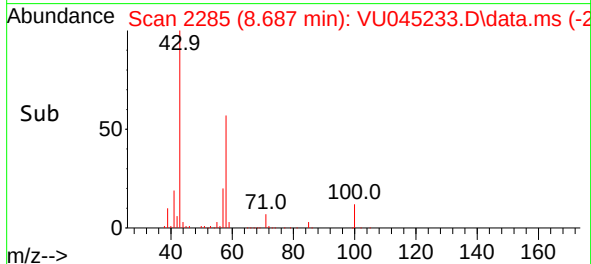
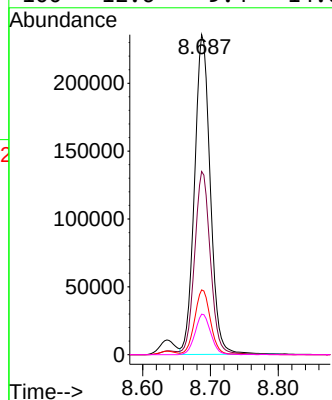
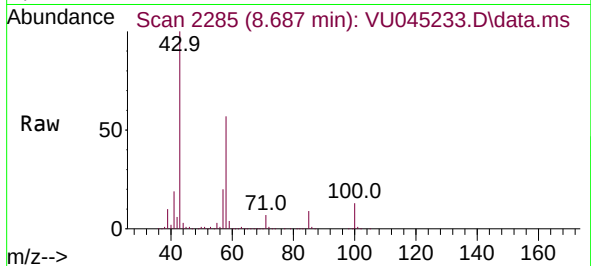




#48
2-Hexanone
Concen: 90.820 ug/L
RT: 8.687 min Scan# 2285
Delta R.T. -0.000 min
Lab File: VU045233.D
Acq: 08 Oct 2021 01:27

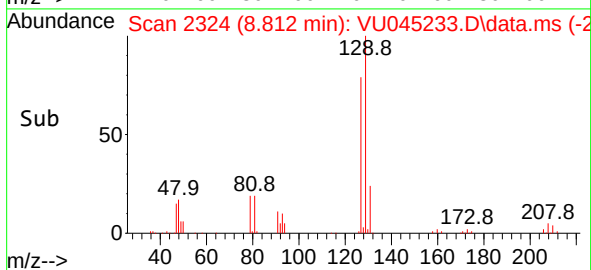
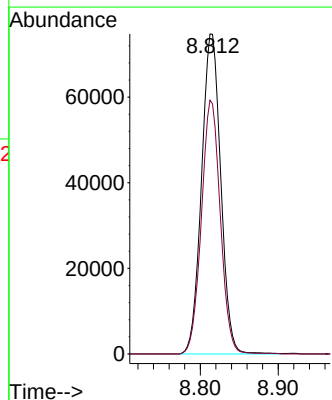
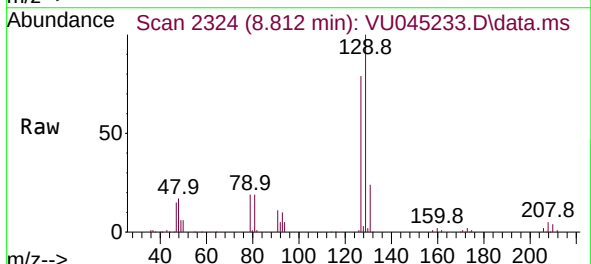
Instrument :
MSVOA_U
ClientSampleId :

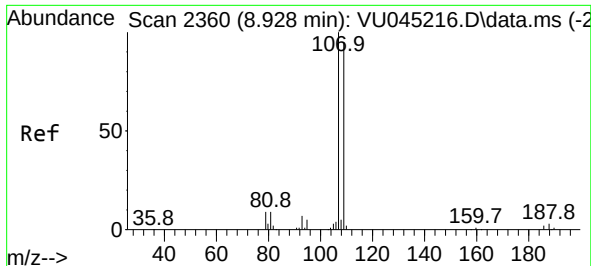
Tgt Ion: 43 Resp: 380194
Ion Ratio Lower Upper
43 100
58 57.1 44.9 67.3
57 20.3 15.5 23.3
100 12.6 9.4 14.0



#49
Dibromochloromethane
Concen: 50.549 ug/L
RT: 8.812 min Scan# 2324
Delta R.T. -0.003 min
Lab File: VU045233.D
Acq: 08 Oct 2021 01:27

Tgt Ion: 129 Resp: 128034
Ion Ratio Lower Upper
129 100
127 79.3 54.3 100.8

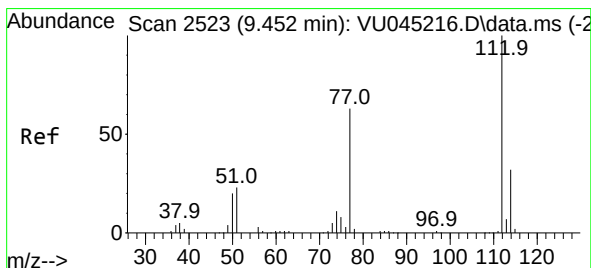
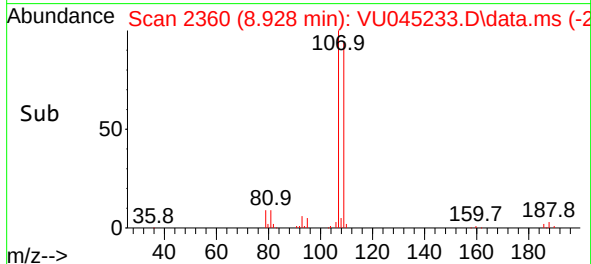
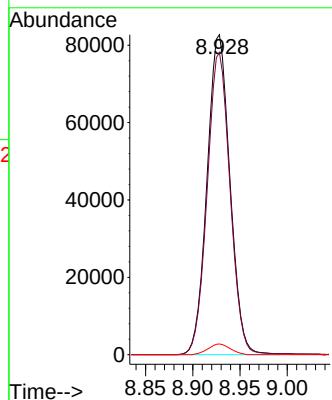
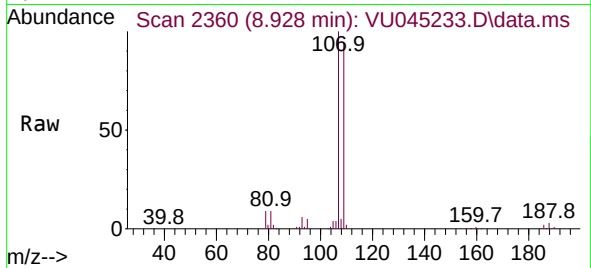




#50
1,2-Dibromoethane
Concen: 52.009 ug/L
RT: 8.928 min Scan# 2360
Delta R.T. -0.000 min
Lab File: VU045233.D
Acq: 08 Oct 2021 01:27

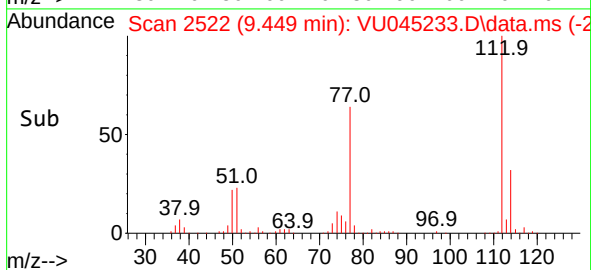
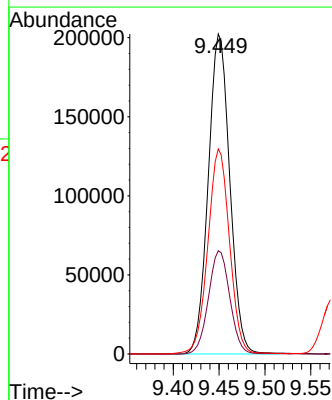
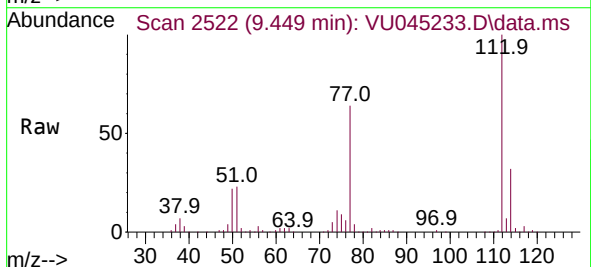
Instrument :
MSVOA_U
ClientSampled :

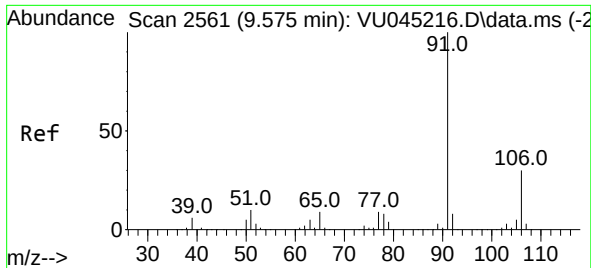
Tgt Ion:107 Resp: 139457
Ion Ratio Lower Upper
107 100
109 94.5 65.5 121.6
188 3.4 2.6 3.8



#51
Chlorobenzene
Concen: 50.849 ug/L
RT: 9.449 min Scan# 2522
Delta R.T. -0.003 min
Lab File: VU045233.D
Acq: 08 Oct 2021 01:27

Tgt Ion:112 Resp: 331059
Ion Ratio Lower Upper
112 100
114 32.3 22.5 41.9
77 64.1 50.6 75.8

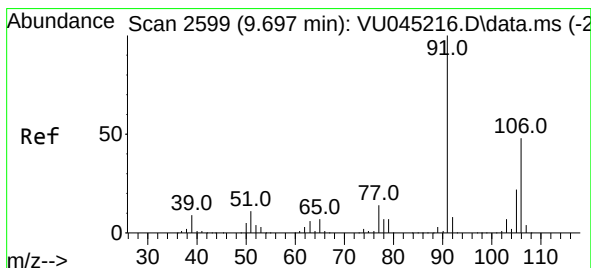
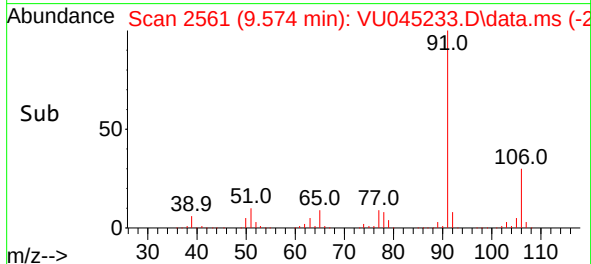
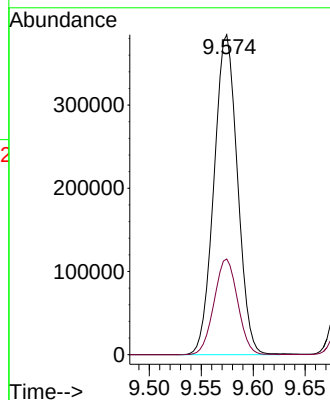
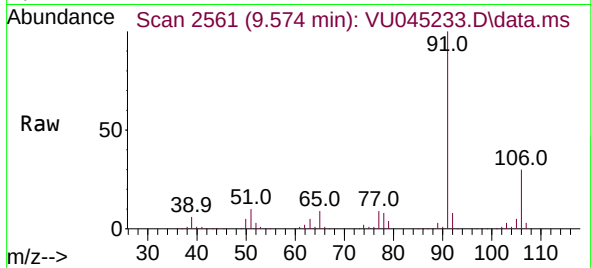




#52
Ethylbenzene
Concen: 54.284 ug/L
RT: 9.574 min Scan# 2561
Delta R.T. -0.000 min
Lab File: VU045233.D
Acq: 08 Oct 2021 01:27

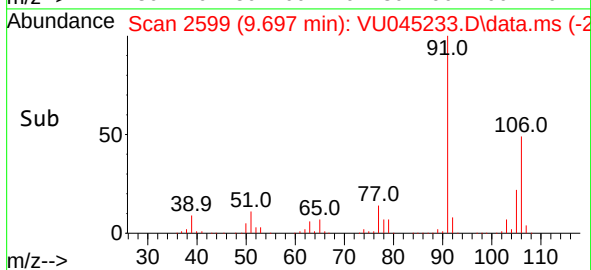
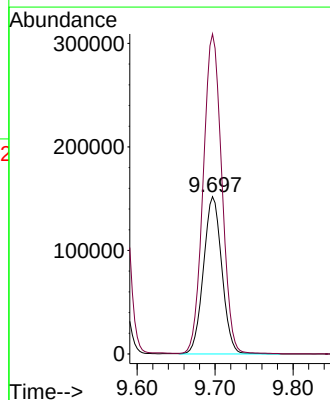
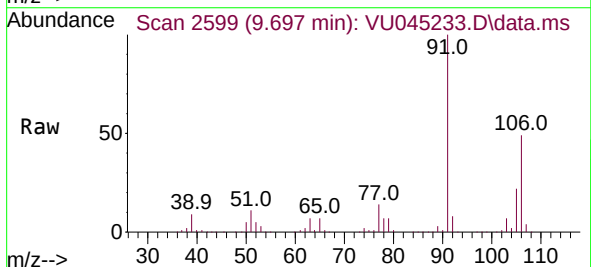
Instrument :
MSVOA_U
ClientSampleId :

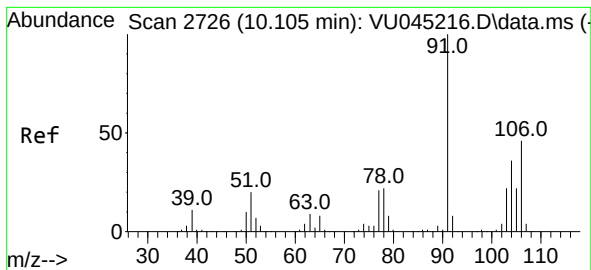
Tgt Ion: 91 Resp: 604770
Ion Ratio Lower Upper
91 100
106 29.9 21.2 39.4



#53
m,p-Xylene
Concen: 58.975 ug/L
RT: 9.697 min Scan# 2599
Delta R.T. -0.000 min
Lab File: VU045233.D
Acq: 08 Oct 2021 01:27

Tgt Ion:106 Resp: 248898
Ion Ratio Lower Upper
106 100
91 203.5 146.7 272.4

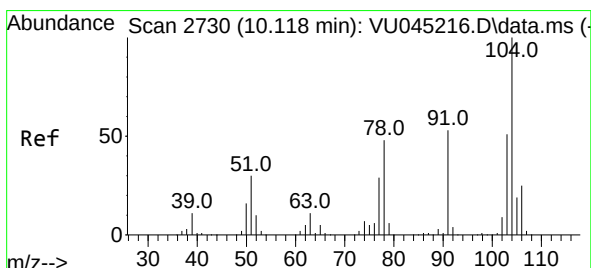
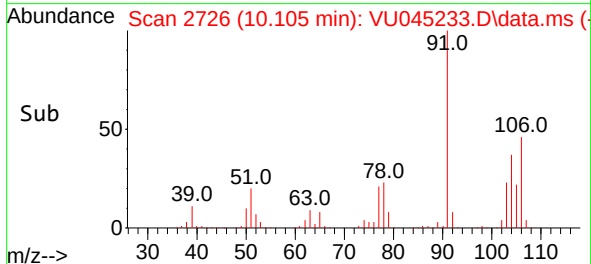
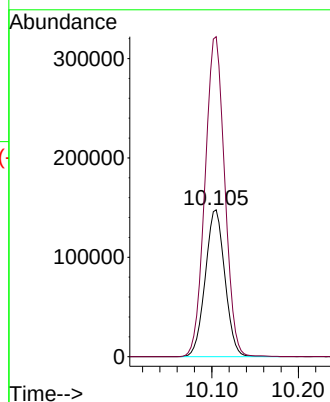
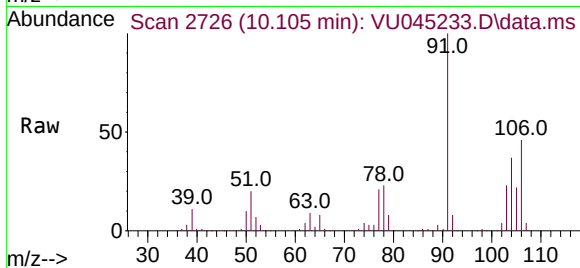




#54
o-xylene
Concen: 55.974 ug/L
RT: 10.105 min Scan# 2726
Delta R.T. -0.000 min
Lab File: VU045233.D
Acq: 08 Oct 2021 01:27

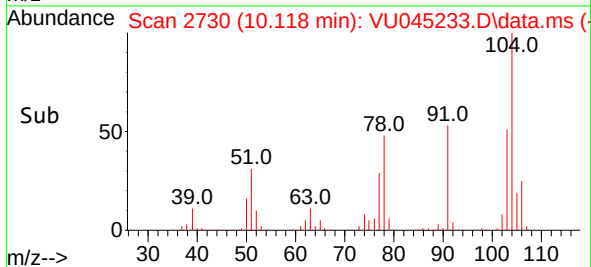
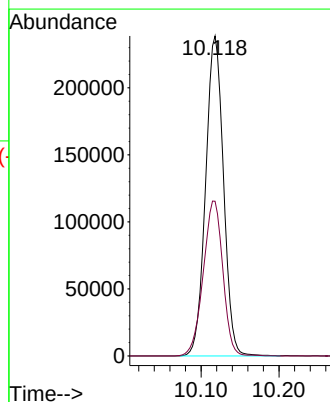
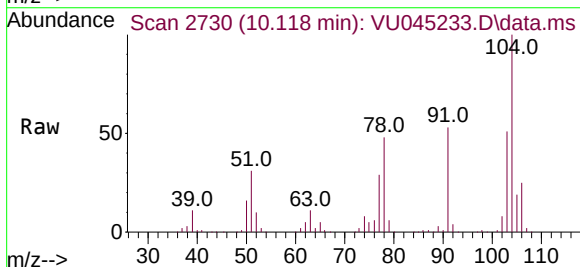
Instrument :
MSVOA_U
ClientSampled :

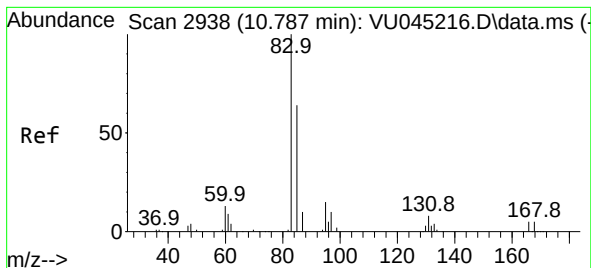
Tgt Ion:106 Resp: 232135
Ion Ratio Lower Upper
106 100
91 217.9 152.9 283.9



#55
Styrene
Concen: 53.242 ug/L
RT: 10.118 min Scan# 2730
Delta R.T. -0.000 min
Lab File: VU045233.D
Acq: 08 Oct 2021 01:27

Tgt Ion:104 Resp: 379721
Ion Ratio Lower Upper
104 100
78 48.4 33.3 61.9

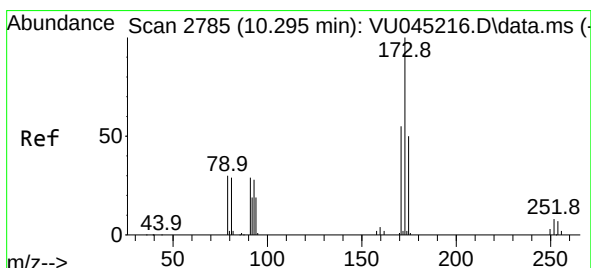
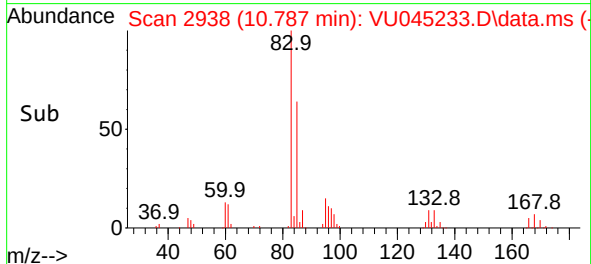
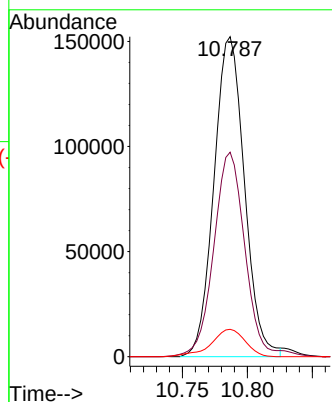
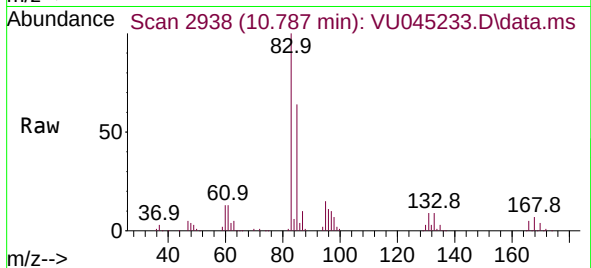




#57
1,1,2,2-Tetrachloroethane
Concen: 50.611 ug/L
RT: 10.787 min Scan# 2938
Delta R.T. -0.000 min
Lab File: VU045233.D
Acq: 08 Oct 2021 01:27

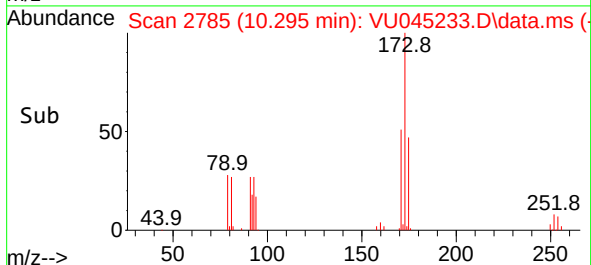
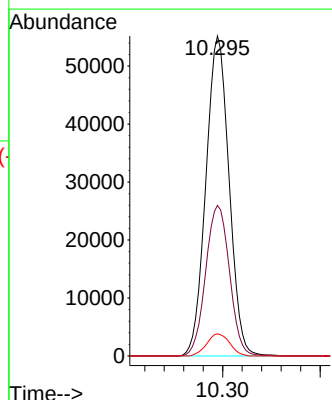
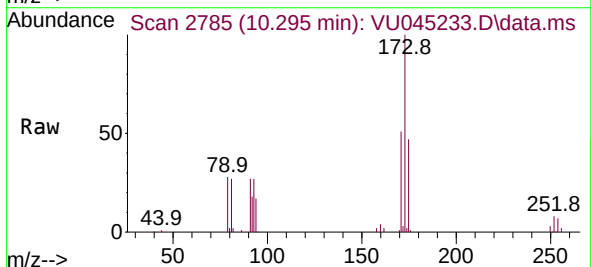
Instrument :
MSVOA_U
ClientSampleId :

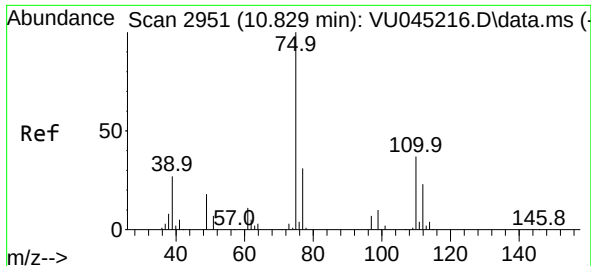
Tgt Ion: 83 Resp: 248186
Ion Ratio Lower Upper
83 100
85 63.9 45.1 83.7
131 8.6 6.9 10.3



#59
Bromoform
Concen: 55.620 ug/L
RT: 10.295 min Scan# 2785
Delta R.T. -0.000 min
Lab File: VU045233.D
Acq: 08 Oct 2021 01:27

Tgt Ion:173 Resp: 91048
Ion Ratio Lower Upper
173 100
175 48.4 38.4 57.6
254 6.9 5.3 7.9

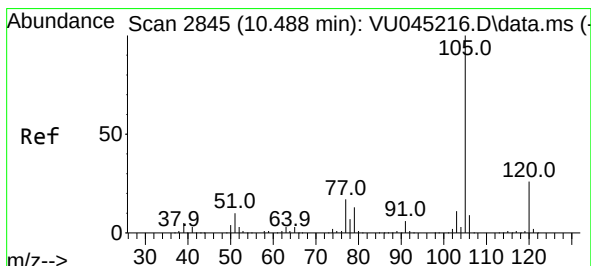
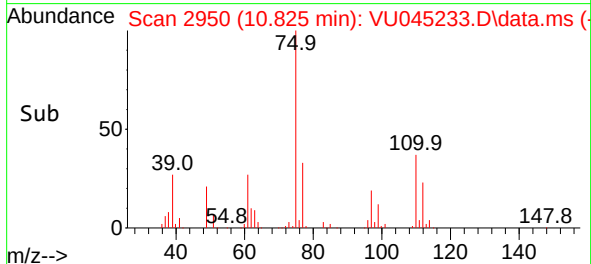
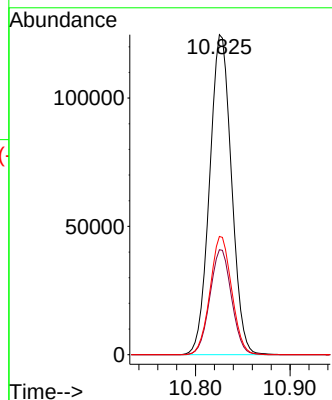
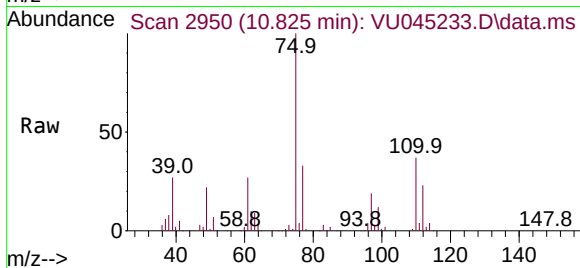




#60
1,2,3-Trichloropropane
Concen: 54.906 ug/L
RT: 10.825 min Scan# 2950
Delta R.T. -0.003 min
Lab File: VU045233.D
Acq: 08 Oct 2021 01:27

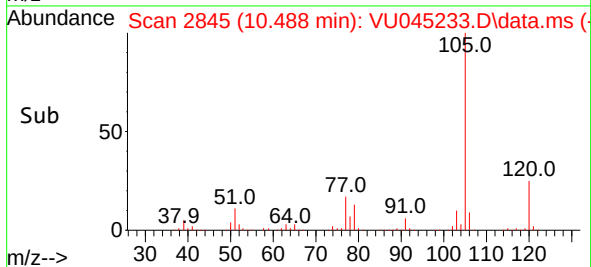
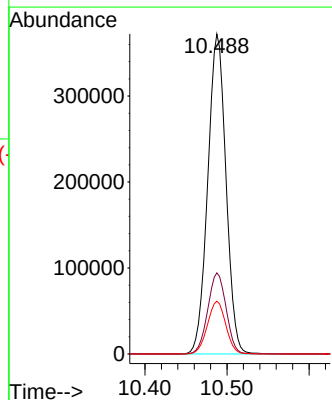
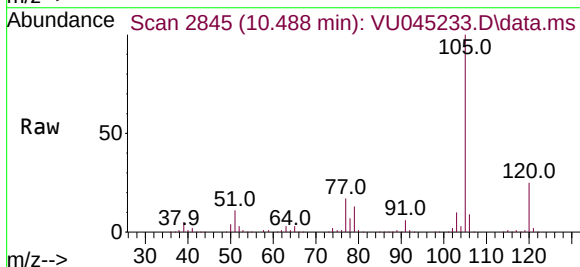
Instrument :
MSVOA_U
ClientSampled :

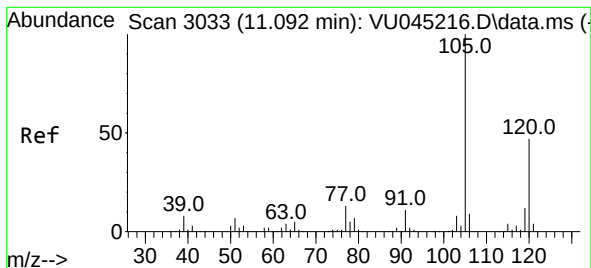
Tgt Ion: 75 Resp: 200441
Ion Ratio Lower Upper
75 100
77 32.5 25.5 38.3
110 36.6 29.0 43.4



#61
Isopropylbenzene
Concen: 59.407 ug/L
RT: 10.488 min Scan# 2845
Delta R.T. -0.000 min
Lab File: VU045233.D
Acq: 08 Oct 2021 01:27

Tgt Ion: 105 Resp: 573850
Ion Ratio Lower Upper
105 100
120 25.6 20.5 30.7
77 16.6 13.5 20.3





#62

1,3,5-Trimethylbenzene

Concen: 60.190 ug/L

RT: 11.092 min Scan# 3033

Delta R.T. -0.000 min

Lab File: VU045233.D

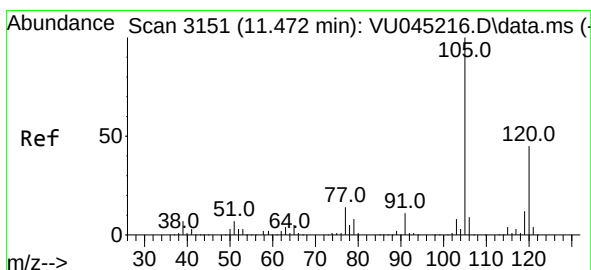
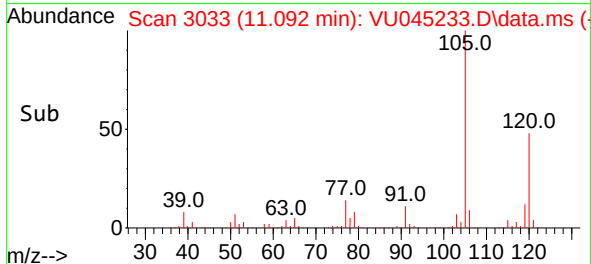
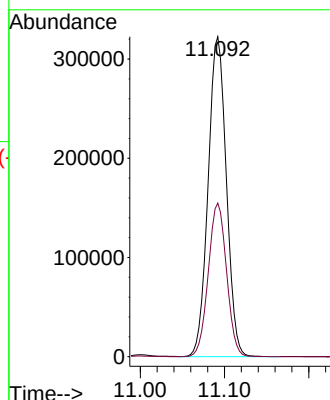
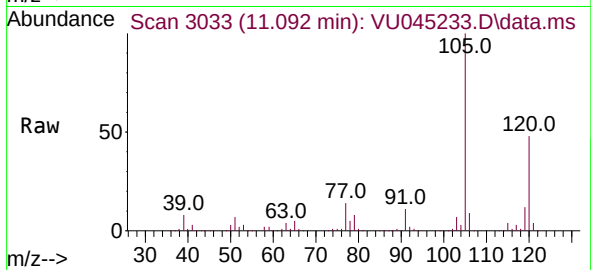
Acq: 08 Oct 2021 01:27

Tgt Ion:105 Resp: 485563

Ion Ratio Lower Upper

105 100

120 48.0 38.8 58.2



#63

1,2,4-Trimethylbenzene

Concen: 59.566 ug/L

RT: 11.471 min Scan# 3151

Delta R.T. -0.000 min

Lab File: VU045233.D

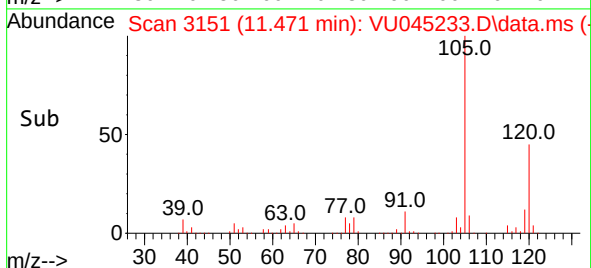
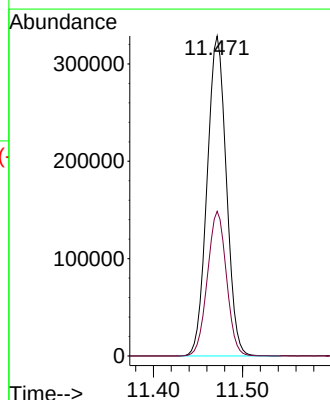
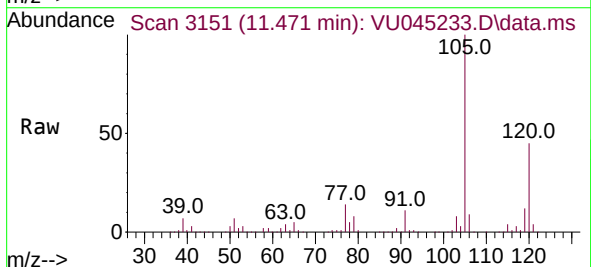
Acq: 08 Oct 2021 01:27

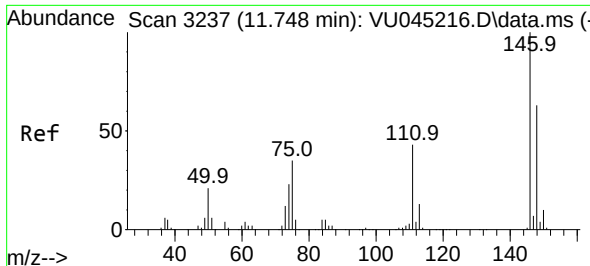
Tgt Ion:105 Resp: 492070

Ion Ratio Lower Upper

105 100

120 44.7 35.7 53.5

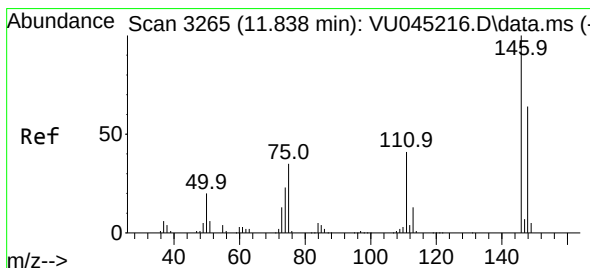
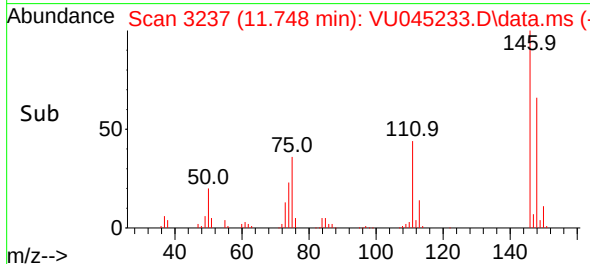
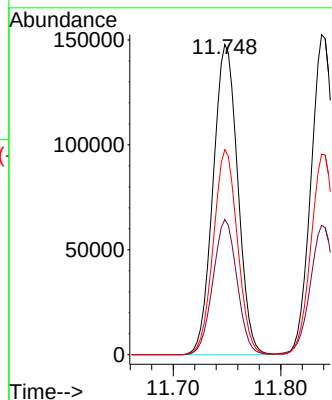
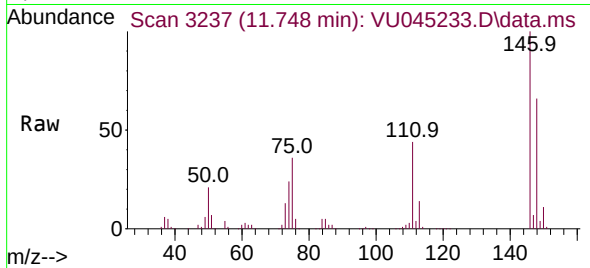




#64
1,3-Dichlorobenzene
Concen: 52.862 ug/L
RT: 11.748 min Scan# 3237
Delta R.T. -0.000 min
Lab File: VU045233.D
Acq: 08 Oct 2021 01:27

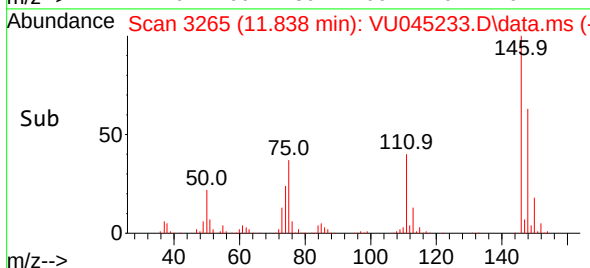
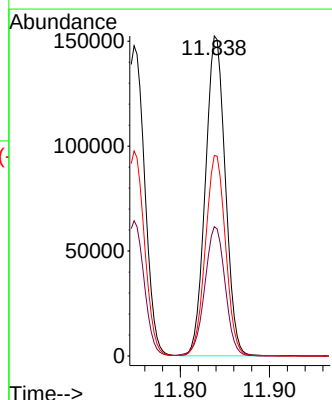
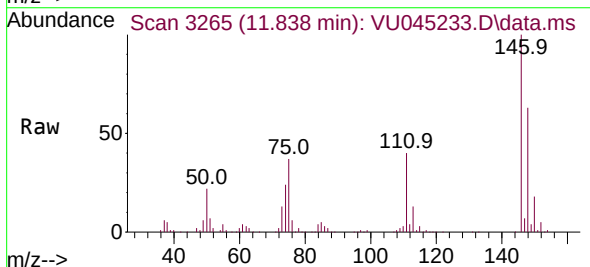
Instrument :
MSVOA_U
ClientSampleId :

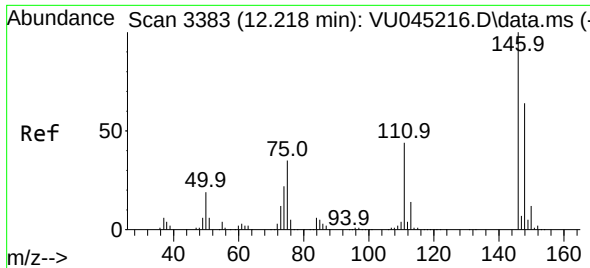
Tgt Ion:146 Resp: 235980
Ion Ratio Lower Upper
146 100
111 43.6 29.0 53.8
148 66.1 44.8 83.2



#65
1,4-Dichlorobenzene
Concen: 51.552 ug/L
RT: 11.838 min Scan# 3265
Delta R.T. -0.000 min
Lab File: VU045233.D
Acq: 08 Oct 2021 01:27

Tgt Ion:146 Resp: 236116
Ion Ratio Lower Upper
146 100
111 40.4 28.5 52.9
148 62.7 45.5 84.5

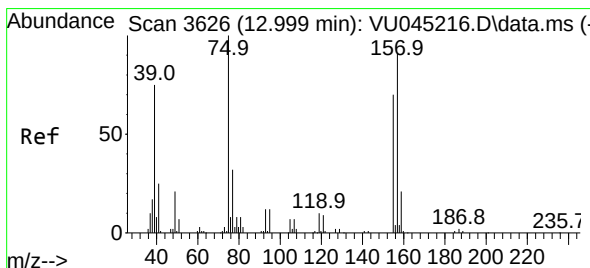
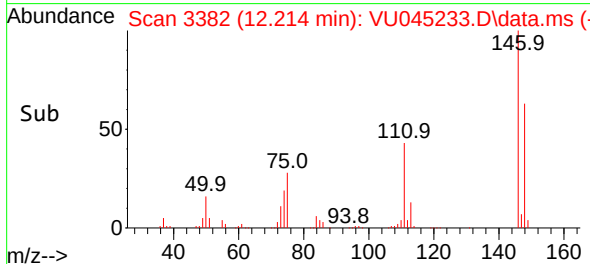
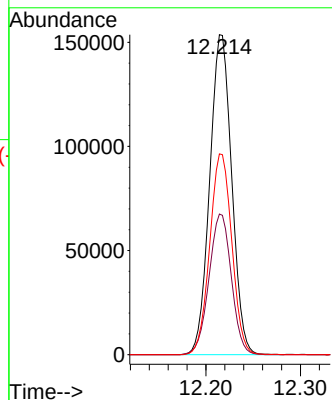
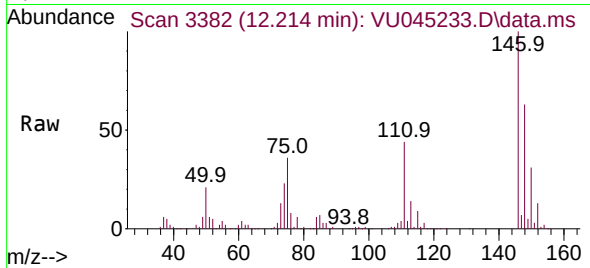




#67
1,2-Dichlorobenzene
Concen: 54.140 ug/L
RT: 12.214 min Scan# 3382
Delta R.T. -0.003 min
Lab File: VU045233.D
Acq: 08 Oct 2021 01:27

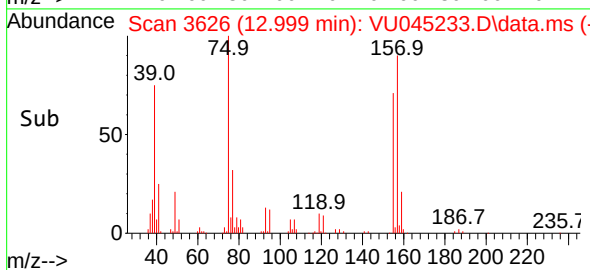
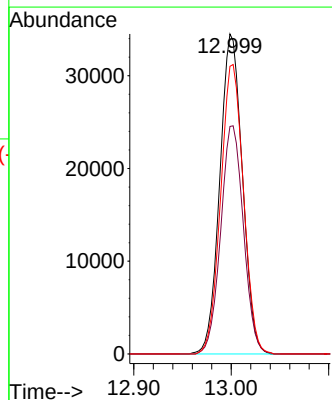
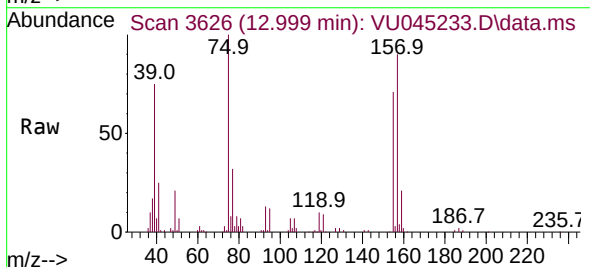
Instrument :
MSVOA_U
ClientSampleId :

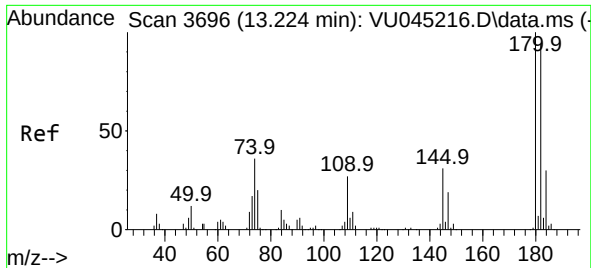
Tgt Ion:146 Resp: 248111
Ion Ratio Lower Upper
146 100
111 44.0 34.7 52.1
148 62.7 51.0 76.6



#68
1,2-Dibromo-3-chloropropane
Concen: 52.886 ug/L
RT: 12.999 min Scan# 3626
Delta R.T. -0.000 min
Lab File: VU045233.D
Acq: 08 Oct 2021 01:27

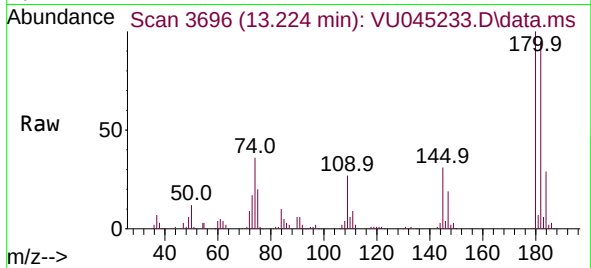
Tgt Ion: 75 Resp: 55484
Ion Ratio Lower Upper
75 100
155 74.4 58.5 87.7
157 93.4 77.7 116.5



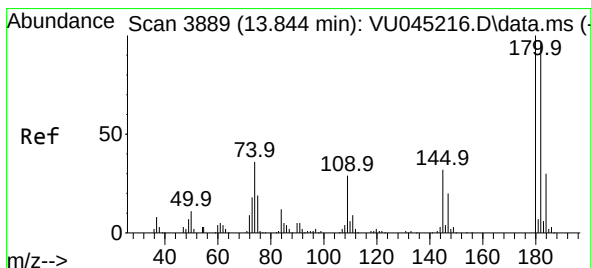
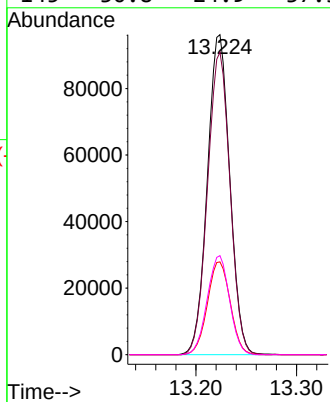
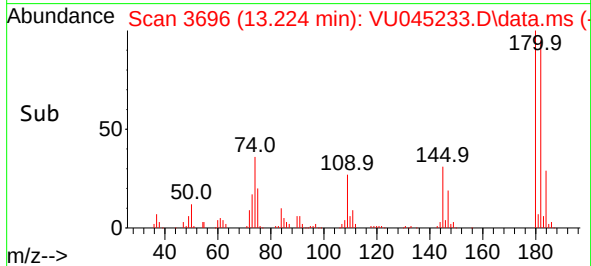


#69
 1,3,5-Trichlorobenzene
 Concen: 48.105 ug/L
 RT: 13.224 min Scan# 3696
 Delta R.T. -0.000 min
 Lab File: VU045233.D
 Acq: 08 Oct 2021 01:27

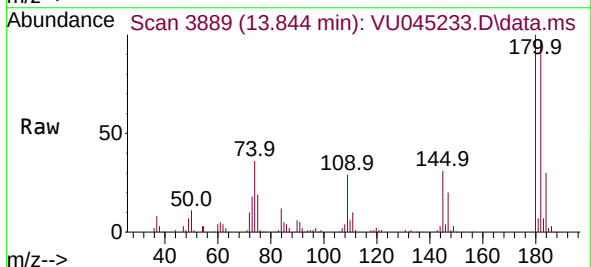
Instrument :
 MSVOA_U
 ClientSampled :



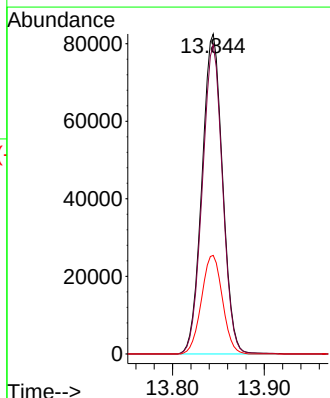
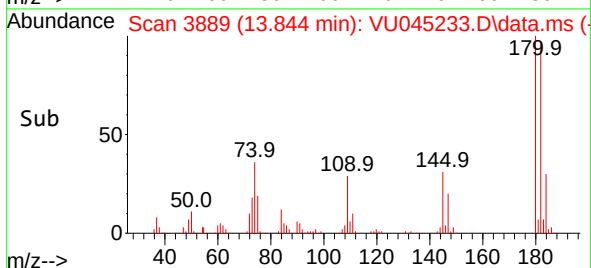
Tgt Ion:180 Resp: 149030
 Ion Ratio Lower Upper
 180 100
 182 94.7 76.8 115.2
 184 29.6 24.4 36.6
 145 30.8 24.9 37.3

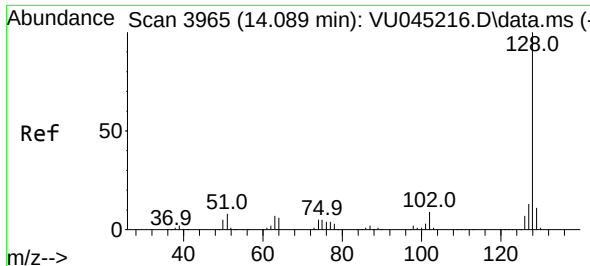


#70
 1,2,4-trichlorobenzene
 Concen: 50.038 ug/L
 RT: 13.844 min Scan# 3889
 Delta R.T. -0.000 min
 Lab File: VU045233.D
 Acq: 08 Oct 2021 01:27



Tgt Ion:180 Resp: 128818
 Ion Ratio Lower Upper
 180 100
 182 94.8 76.2 114.2
 145 31.4 25.4 38.0

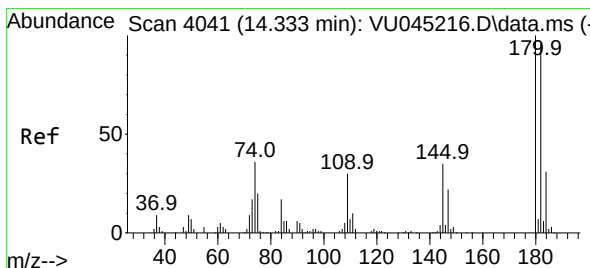
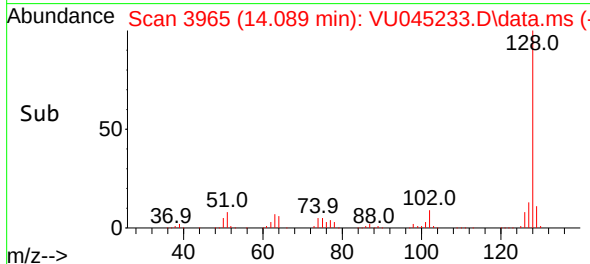
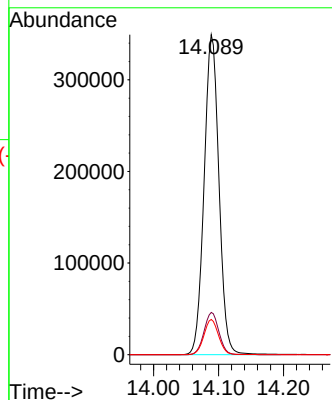
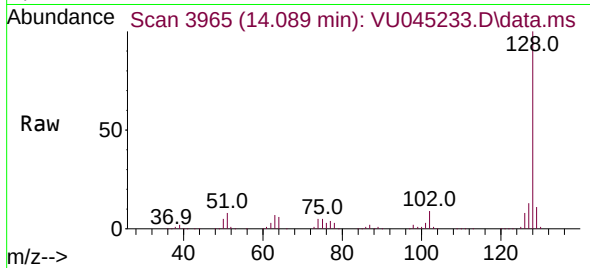




#71
Naphthalene
Concen: 62.301 ug/L
RT: 14.089 min Scan# 3965
Delta R.T. -0.000 min
Lab File: VU045233.D
Acq: 08 Oct 2021 01:27

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion:128 Resp: 555798
Ion Ratio Lower Upper
128 100
127 13.2 10.4 15.6
129 10.9 8.8 13.2



#72
1,2,3-Trichlorobenzene
Concen: 52.615 ug/L
RT: 14.333 min Scan# 4041
Delta R.T. -0.000 min
Lab File: VU045233.D
Acq: 08 Oct 2021 01:27

Tgt Ion:180 Resp: 138587
Ion Ratio Lower Upper
180 100
182 94.6 76.8 115.2
145 33.3 26.5 39.7

