

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU100721\
 Data File : VU045216.D
 Acq On : 07 Oct 2021 17:27
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Oct 07 21:38:54 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092321WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Oct 07 21:34:31 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.253	114	300081	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	292345	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.816	152	146278	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	117878	35.884	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	71.760%
7) Chloroethane-d5	1.909	69	102857	39.513	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	79.020%
11) 1,1-Dichloroethene-d2	2.568	63	224621	40.717	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	81.440%
21) 2-Butanone-d5	4.626	46	208754	80.381	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	80.380%
24) Chloroform-d	5.070	84	227912	43.928	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	87.860%
26) 1,2-Dichloroethane-d4	5.707	65	152534	43.403	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	86.800%
32) Benzene-d6	5.732	84	446448	44.010	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	88.020%
36) 1,2-Dichloropropane-d6	6.697	67	144887	43.803	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	87.600%
41) Toluene-d8	7.903	98	411326	46.985	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	93.980%
43) trans-1,3-Dichloroprop...	8.182	79	70158	47.682	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	95.360%
47) 2-Hexanone-d5	8.636	63	149844	81.746	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	81.750%
56) 1,1,2,2-Tetrachloroeth...	10.761	84	215053	41.752	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	83.500%
66) 1,2-Dichlorobenzene-d4	12.198	152	151946	47.730	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	95.460%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.388	85	128681	44.785	ug/L	98
3) Chloromethane	1.523	50	135564	37.852	ug/L	99
5) Vinyl chloride	1.604	62	150242	42.818	ug/L	96
6) Bromomethane	1.848	94	84633	50.288	ug/L	96
8) Chloroethane	1.932	64	98048	44.523	ug/L	100
9) Trichlorofluoromethane	2.138	101	192681	47.978	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.581	101	118013	46.556	ug/L	99
12) 1,1-Dichloroethene	2.581	96	111549	48.003	ug/L	84
13) Acetone	2.629	43	210565	70.141	ug/L	99
14) Carbon disulfide	2.793	76	322674	43.343	ug/L	100
15) Methyl Acetate	2.954	43	151455	40.907	ug/L	94
16) Methylene chloride	3.047	84	135606	46.062	ug/L	95
17) trans-1,2-Dichloroethene	3.356	96	117547	48.019	ug/L	97
18) Methyl tert-butyl Ether	3.372	73	418518	51.850	ug/L	98
19) 1,1-Dichloroethane	3.874	63	233631	45.876	ug/L	99
20) cis-1,2-Dichloroethene	4.671	96	134113	49.719	ug/L	93
22) 2-Butanone	4.707	43	258524	76.943	ug/L	96
23) Bromochloromethane	4.980	128	66107	48.344	ug/L	92
25) Chloroform	5.096	83	239288	47.264	ug/L	99

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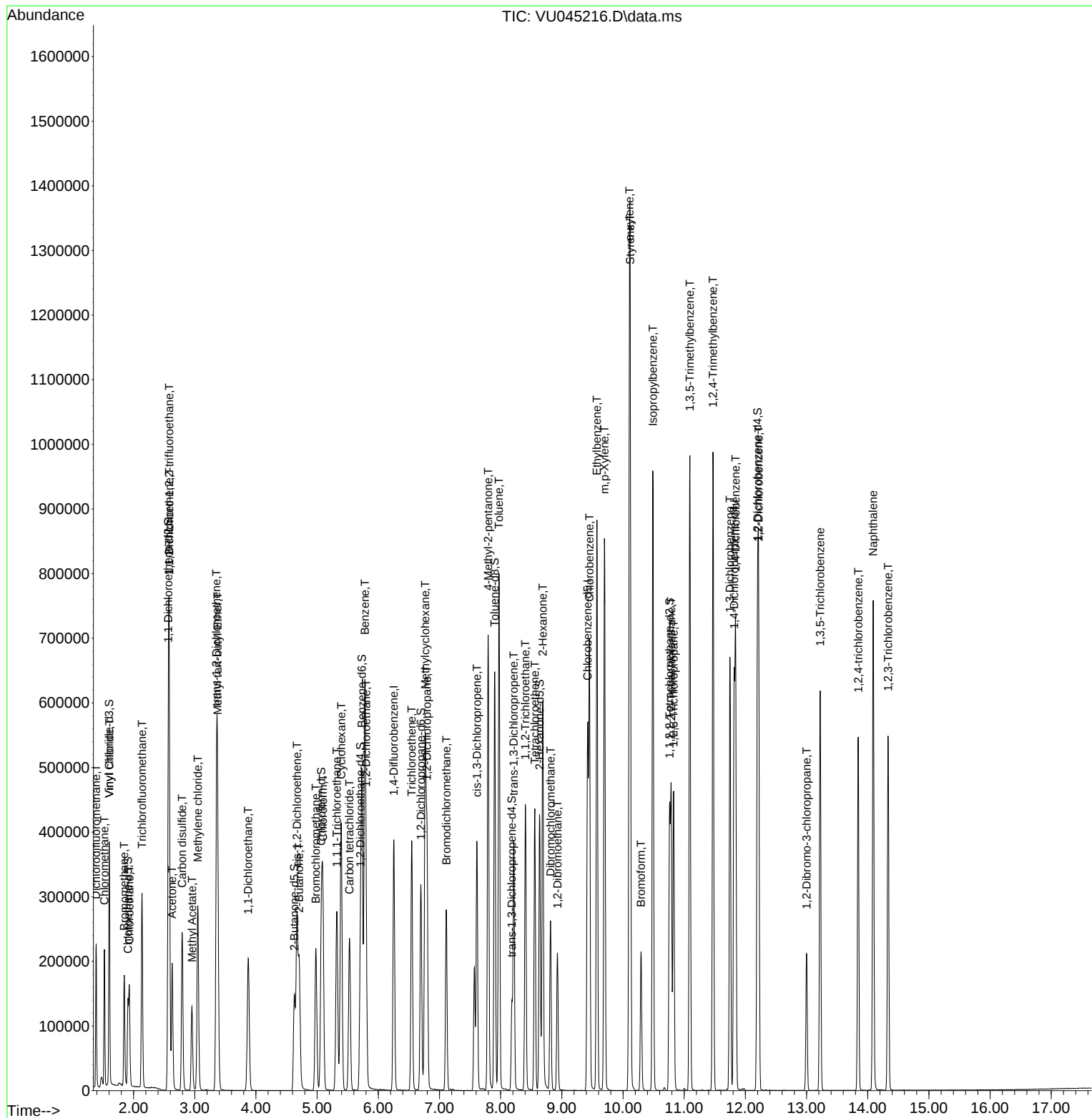
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.800	62	201118	47.495	ug/L	100
29) Cyclohexane	5.395	56	211997	48.243	ug/L	96
30) 1,1,1-Trichloroethane	5.321	97	196031	48.440	ug/L	99
31) Carbon tetrachloride	5.530	117	152993	47.866	ug/L	99
33) Benzene	5.780	78	520881	48.039	ug/L	100
34) Trichloroethene	6.546	95	129582	49.756	ug/L	98
35) Methylcyclohexane	6.768	83	213005	48.852	ug/L	97
37) 1,2-Dichloropropane	6.797	63	135816	46.005	ug/L	99
38) Bromodichloromethane	7.112	83	178452	49.313	ug/L	100
39) cis-1,3-Dichloropropene	7.613	75	216391	51.227	ug/L	99
40) 4-Methyl-2-pentanone	7.796	43	440545	89.331	ug/L	96
42) Toluene	7.973	91	560461	50.872	ug/L	98
44) trans-1,3-Dichloropropene	8.214	75	204036	50.798	ug/L	97
45) 1,1,2-Trichloroethane	8.404	97	130935	48.940	ug/L	98
46) Tetrachloroethene	8.559	164	90885	48.823	ug/L	98
48) 2-Hexanone	8.687	43	365562	83.591	ug/L	98
49) Dibromochloromethane	8.816	129	130641	49.373	ug/L	99
50) 1,2-Dibromoethane	8.928	107	139281	49.722	ug/L	99
51) Chlorobenzene	9.452	112	340128	50.008	ug/L	100
52) Ethylbenzene	9.575	91	607236	52.175	ug/L	99
53) m,p-Xylene	9.697	106	233713	53.010	ug/L	99
54) o-xylene	10.105	106	232503	53.666	ug/L	100
55) Styrene	10.118	104	396648	53.238	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.787	83	228350	44.576	ug/L	100
59) Bromoform	10.295	173	88481	48.772	ug/L	98
60) 1,2,3-Trichloropropane	10.829	75	188472	46.585	ug/L	99
61) Isopropylbenzene	10.488	105	604464	56.464	ug/L	100
62) 1,3,5-Trimethylbenzene	11.092	105	515497	57.660	ug/L	98
63) 1,2,4-Trimethylbenzene	11.472	105	518348	56.619	ug/L	100
64) 1,3-Dichlorobenzene	11.748	146	257892	52.128	ug/L	98
65) 1,4-Dichlorobenzene	11.838	146	256427	50.519	ug/L	99
67) 1,2-Dichlorobenzene	12.218	146	259563	51.107	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.999	75	54181	46.600	ug/L	97
69) 1,3,5-Trichlorobenzene	13.224	180	176679	51.460	ug/L	99
70) 1,2,4-trichlorobenzene	13.844	180	154122	54.020	ug/L	99
71) Naphthalene	14.089	128	574034	58.061	ug/L	100
72) 1,2,3-Trichlorobenzene	14.333	180	154240	52.838	ug/L	99

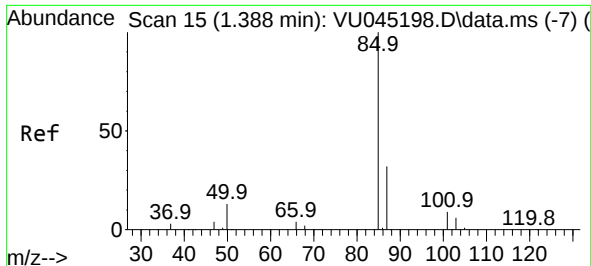
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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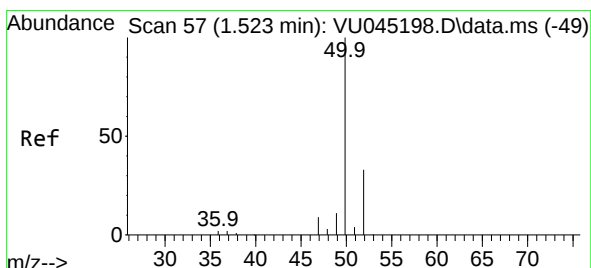
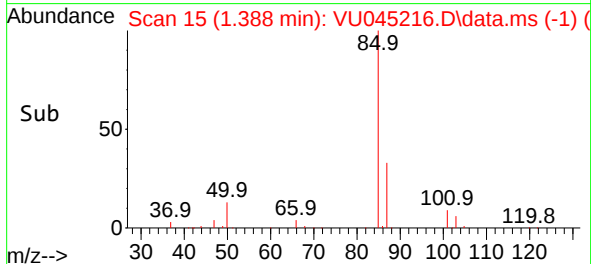
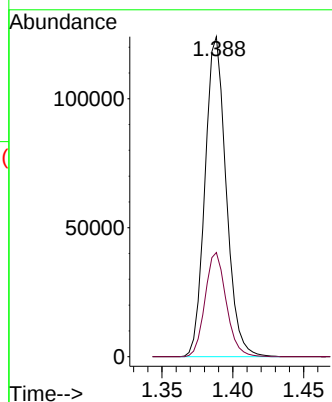
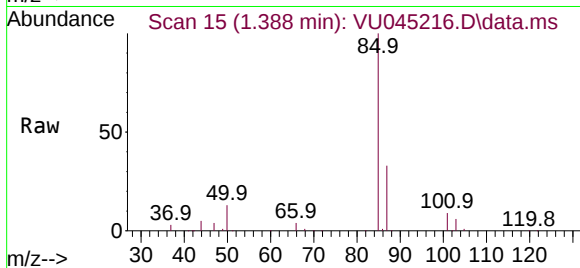




#2
Dichlorodifluoromethane
Concen: 44.785 ug/L
RT: 1.388 min Scan# 15
Delta R.T. 0.000 min
Lab File: VU045216.D
Acq: 07 Oct 2021 17:27

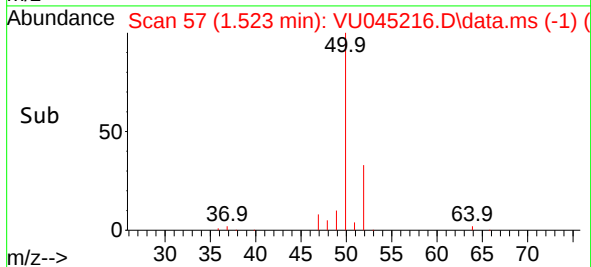
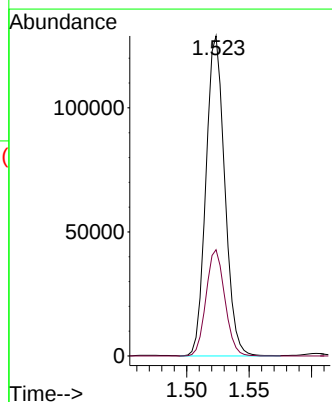
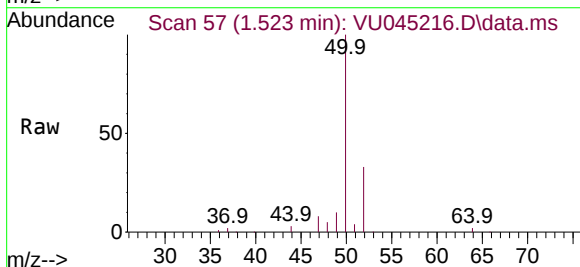
Instrument :
MSVOA_U
ClientSampleId :

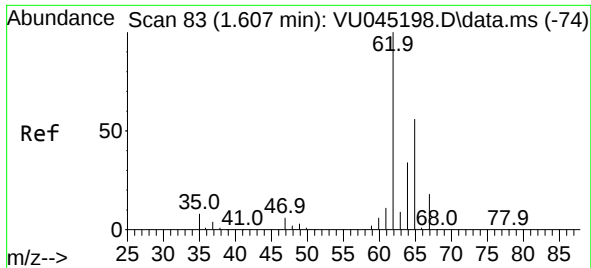
Tgt Ion: 85 Resp: 128681
Ion Ratio Lower Upper
85 100
87 32.5 25.2 37.8



#3
Chloromethane
Concen: 37.852 ug/L
RT: 1.523 min Scan# 57
Delta R.T. 0.000 min
Lab File: VU045216.D
Acq: 07 Oct 2021 17:27

Tgt Ion: 50 Resp: 135564
Ion Ratio Lower Upper
50 100
52 33.2 23.0 42.8

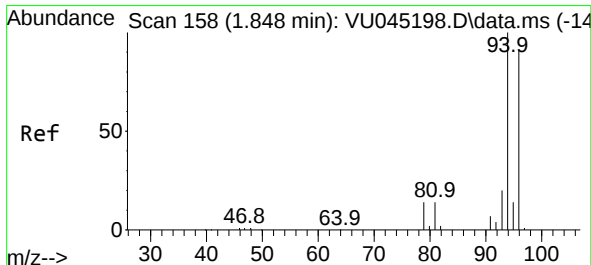
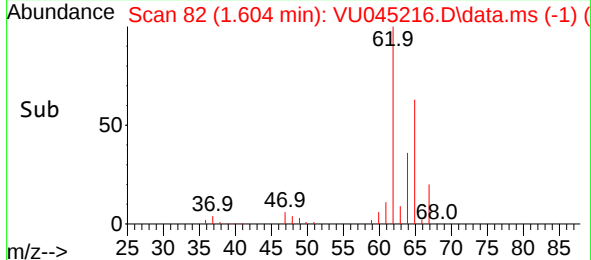
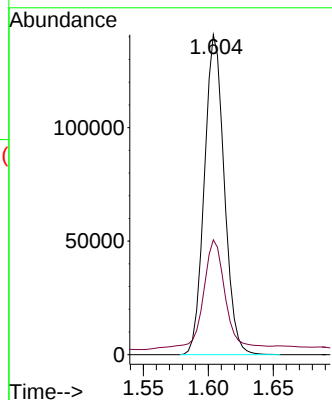
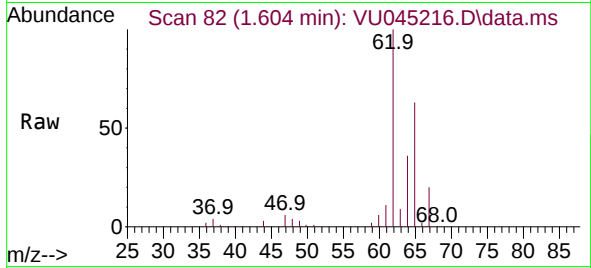




#5
 Vinyl chloride
 Concen: 42.818 ug/L
 RT: 1.604 min Scan# 82
 Delta R.T. -0.003 min
 Lab File: VU045216.D
 Acq: 07 Oct 2021 17:27

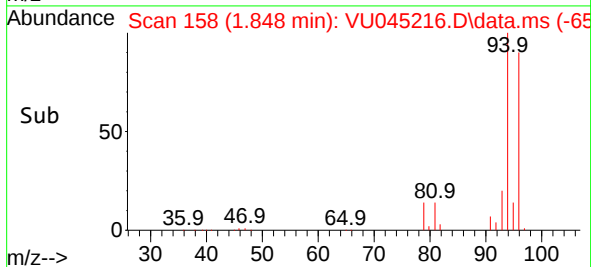
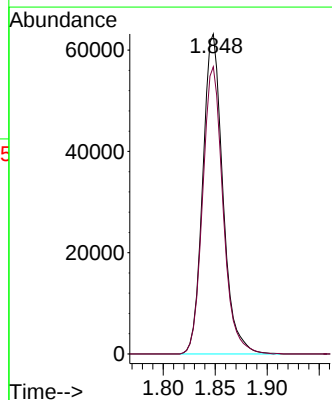
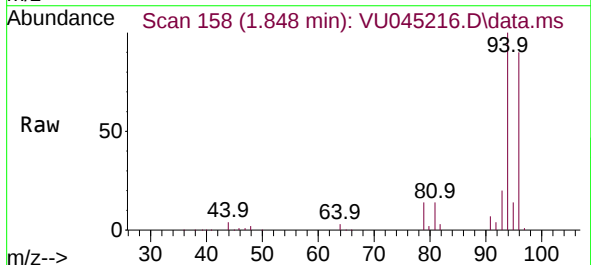
Instrument :
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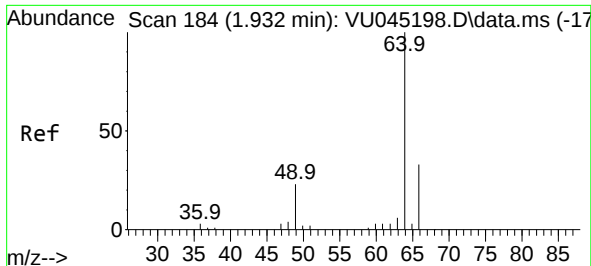
Tgt Ion: 62 Resp: 150242
 Ion Ratio Lower Upper
 62 100
 64 35.9 23.4 43.6



#6
 Bromomethane
 Concen: 50.288 ug/L
 RT: 1.848 min Scan# 158
 Delta R.T. 0.000 min
 Lab File: VU045216.D
 Acq: 07 Oct 2021 17:27

Tgt Ion: 94 Resp: 84633
 Ion Ratio Lower Upper
 94 100
 96 89.8 65.7 121.9

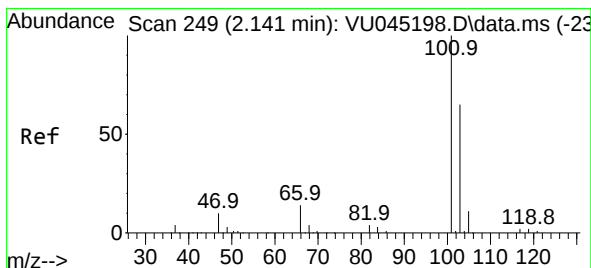
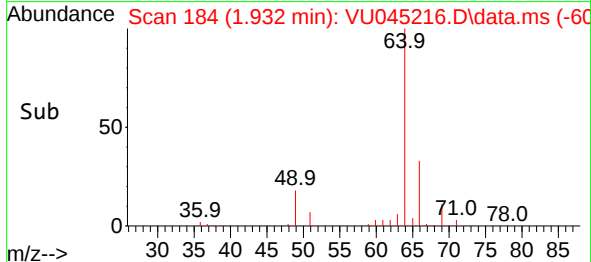
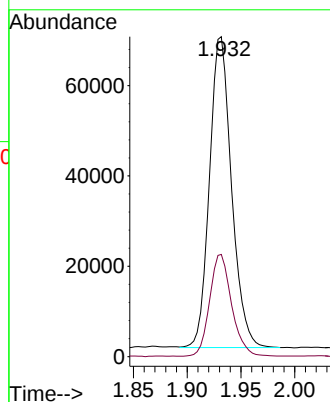
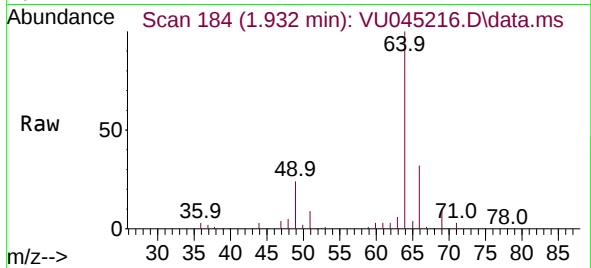




#8
Chloroethane
Concen: 44.523 ug/L
RT: 1.932 min Scan# 184
Delta R.T. 0.000 min
Lab File: VU045216.D
Acq: 07 Oct 2021 17:27

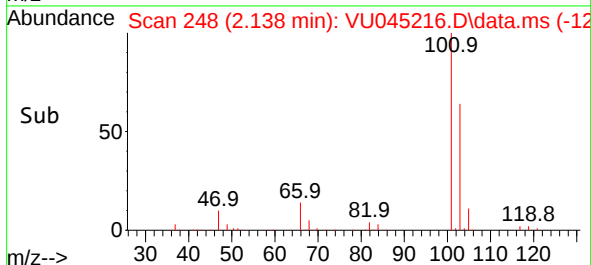
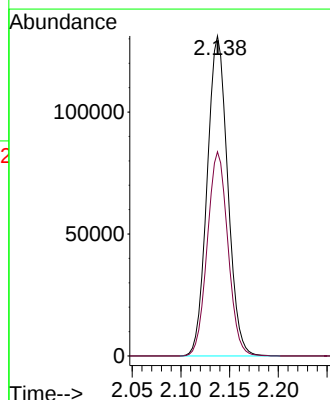
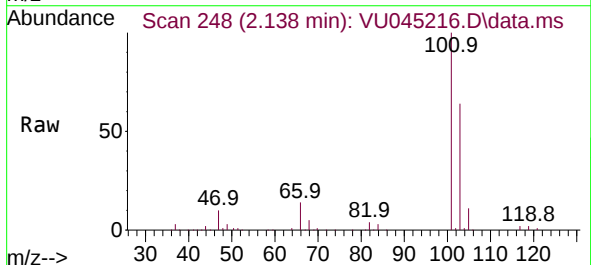
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MSVOA_U
ClientSampleId :

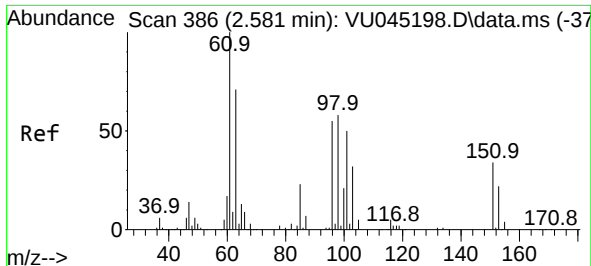
Tgt Ion: 64 Resp: 98048
Ion Ratio Lower Upper
64 100
66 31.9 22.3 41.3



#9
Trichlorofluoromethane
Concen: 47.978 ug/L
RT: 2.138 min Scan# 248
Delta R.T. -0.003 min
Lab File: VU045216.D
Acq: 07 Oct 2021 17:27

Tgt Ion:101 Resp: 192681
Ion Ratio Lower Upper
101 100
103 63.8 50.9 76.3





#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 46.556 ug/L

RT: 2.581 min Scan# 386

Delta R.T. 0.000 min

Lab File: VU045216.D

Acq: 07 Oct 2021 17:27

Instrument :

MSVOA_U

ClientSampleId :

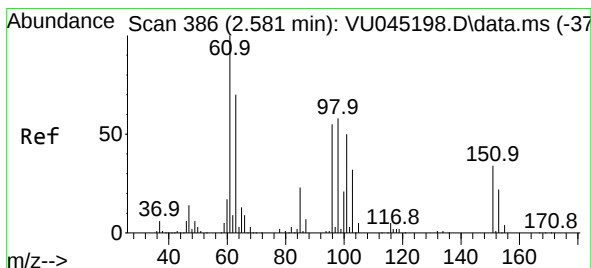
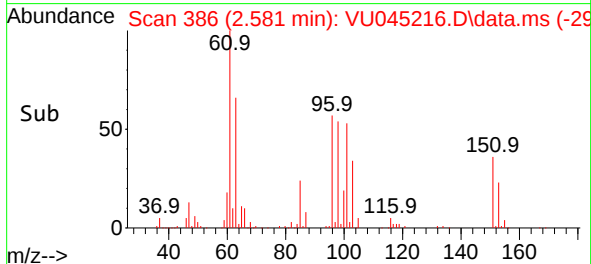
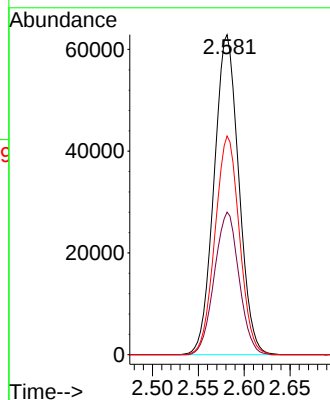
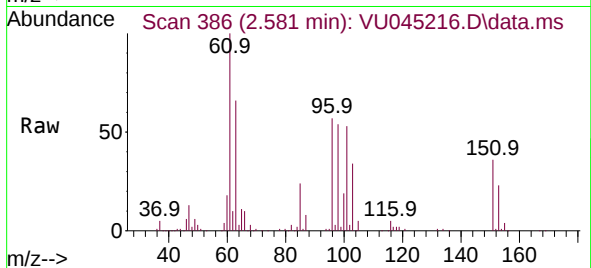
Tgt Ion:101 Resp: 118013

Ion Ratio Lower Upper

101 100

85 44.4 36.4 54.6

151 67.6 54.4 81.6



#12

1,1-Dichloroethene

Concen: 48.003 ug/L

RT: 2.581 min Scan# 386

Delta R.T. 0.000 min

Lab File: VU045216.D

Acq: 07 Oct 2021 17:27

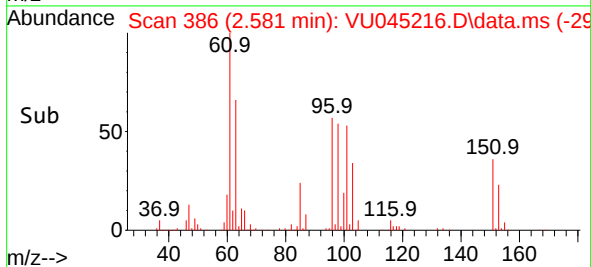
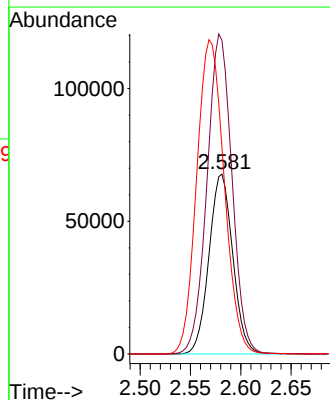
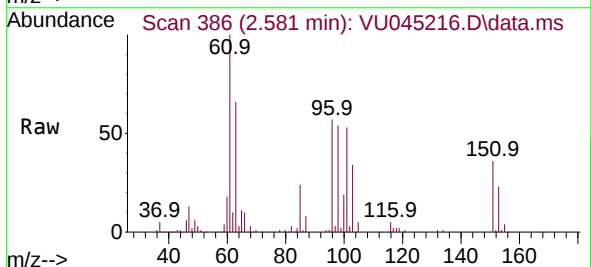
Tgt Ion: 96 Resp: 111549

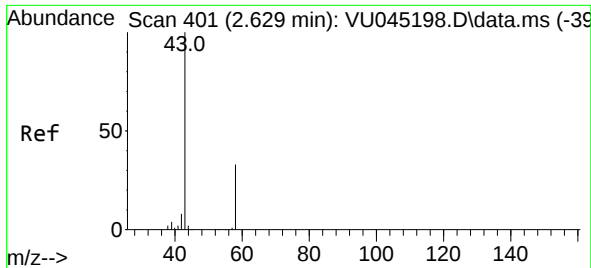
Ion Ratio Lower Upper

96 100

61 174.4 131.3 243.9

63 114.9 102.5 190.3

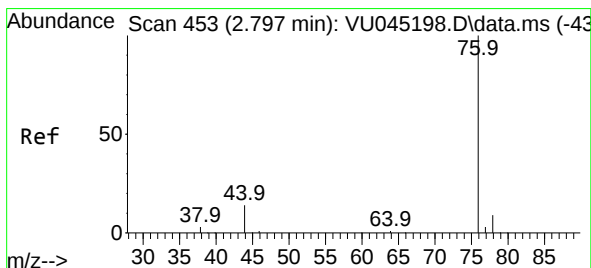
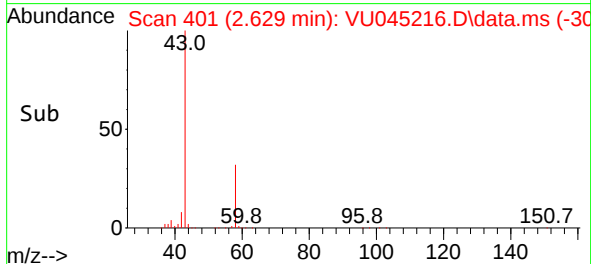
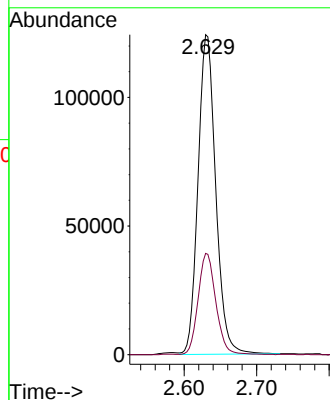
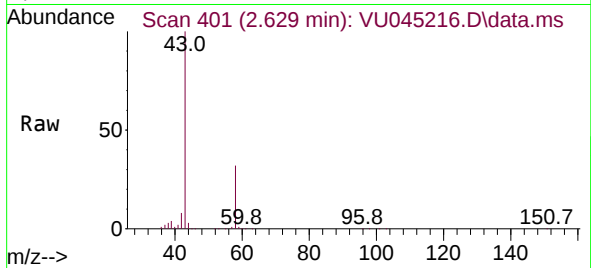




#13
Acetone
Concen: 70.141 ug/L
RT: 2.629 min Scan# 401
Delta R.T. 0.000 min
Lab File: VU045216.D
Acq: 07 Oct 2021 17:27

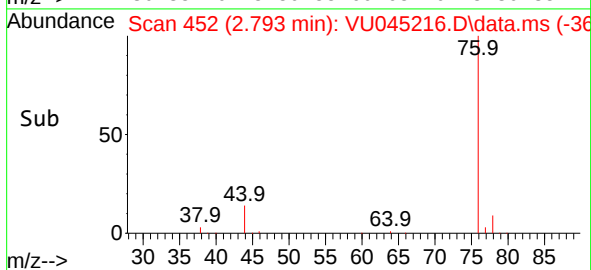
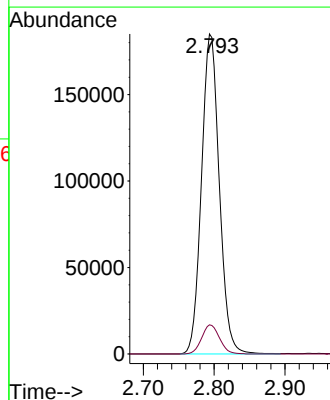
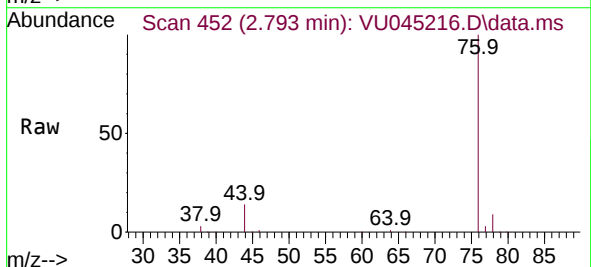
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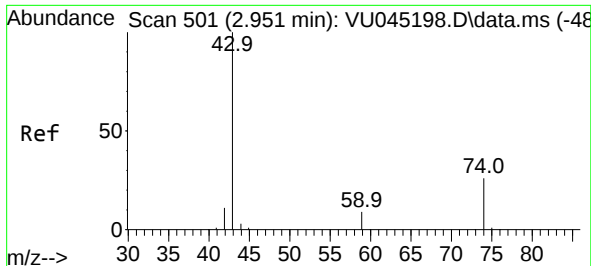
Tgt Ion: 43 Resp: 210565
Ion Ratio Lower Upper
43 100
58 31.9 0.0 62.8



#14
Carbon disulfide
Concen: 43.343 ug/L
RT: 2.793 min Scan# 452
Delta R.T. -0.003 min
Lab File: VU045216.D
Acq: 07 Oct 2021 17:27

Tgt Ion: 76 Resp: 322674
Ion Ratio Lower Upper
76 100
78 9.1 7.3 10.9

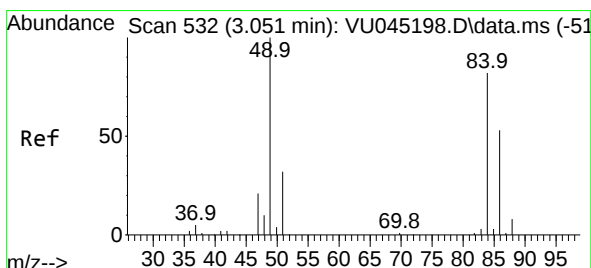
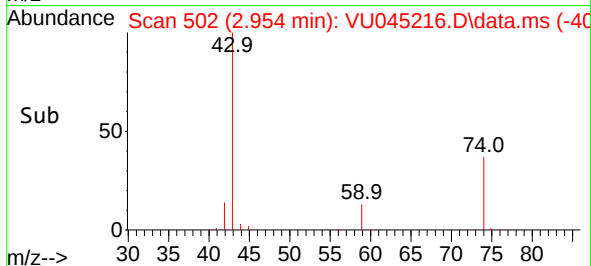
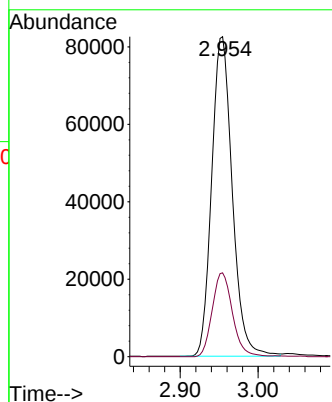
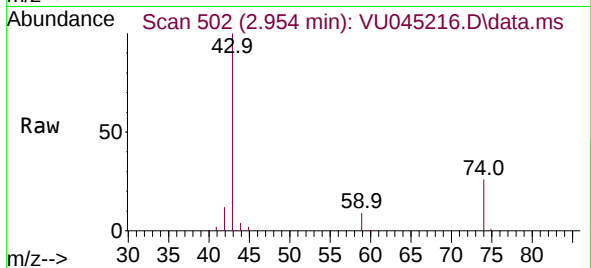




#15
Methyl Acetate
Concen: 40.907 ug/L
RT: 2.954 min Scan# 502
Delta R.T. 0.003 min
Lab File: VU045216.D
Acq: 07 Oct 2021 17:27

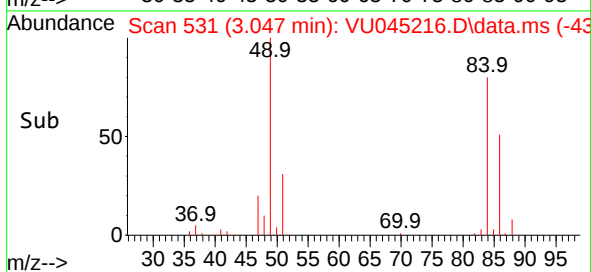
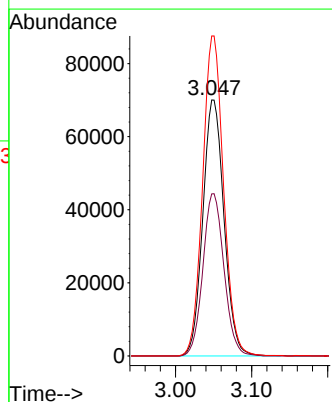
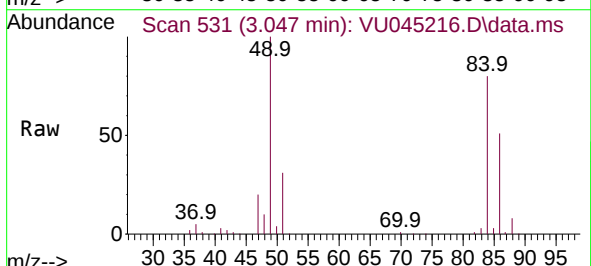
Instrument :
MSVOA_U
ClientSampled :

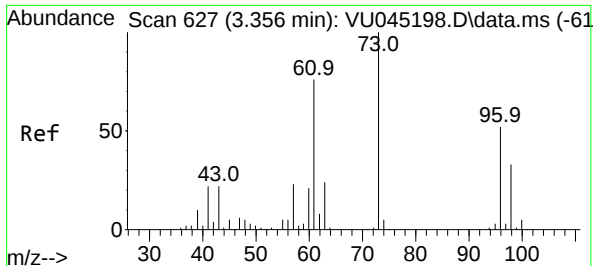
Tgt Ion: 43 Resp: 151455
Ion Ratio Lower Upper
43 100
74 25.8 18.4 27.6



#16
Methylene chloride
Concen: 46.062 ug/L
RT: 3.047 min Scan# 531
Delta R.T. -0.003 min
Lab File: VU045216.D
Acq: 07 Oct 2021 17:27

Tgt Ion: 84 Resp: 135606
Ion Ratio Lower Upper
84 100
86 63.3 44.7 83.1
49 125.0 92.9 172.5



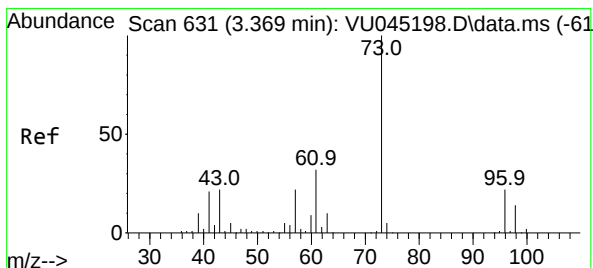
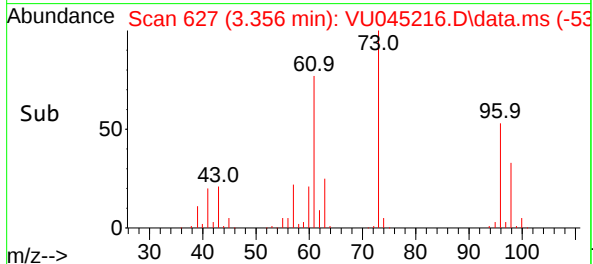
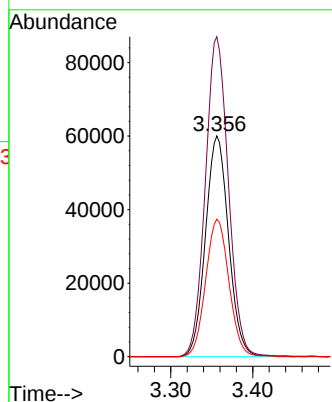
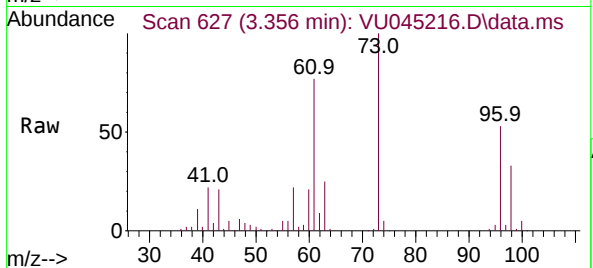


#17

trans-1,2-Dichloroethene
Concen: 48.019 ug/L
RT: 3.356 min Scan# 627
Delta R.T. 0.000 min
Lab File: VU045216.D
Acq: 07 Oct 2021 17:27

Instrument :
MSVOA_U
ClientSampleId :

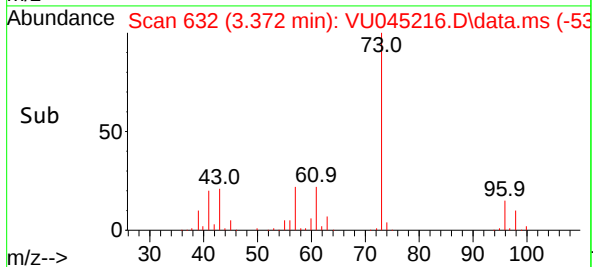
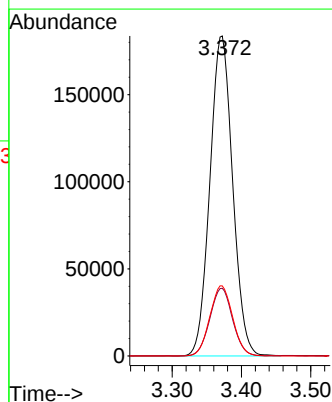
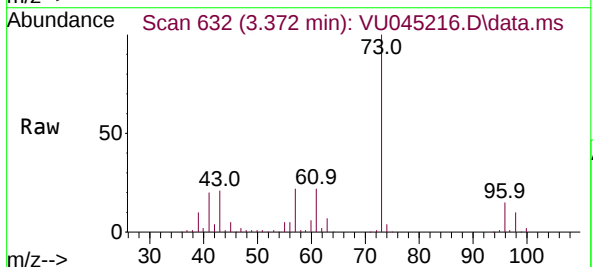
Tgt Ion: 96 Resp: 117547
Ion Ratio Lower Upper
96 100
61 145.0 105.1 195.3
98 62.3 43.0 79.8

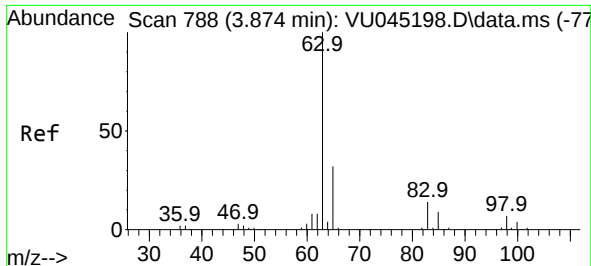


#18

Methyl tert-butyl Ether
Concen: 51.850 ug/L
RT: 3.372 min Scan# 632
Delta R.T. 0.003 min
Lab File: VU045216.D
Acq: 07 Oct 2021 17:27

Tgt Ion: 73 Resp: 418518
Ion Ratio Lower Upper
73 100
43 21.2 17.3 25.9
57 22.0 18.7 28.1





#19

1,1-Dichloroethane

Concen: 45.876 ug/L

RT: 3.874 min Scan# 788

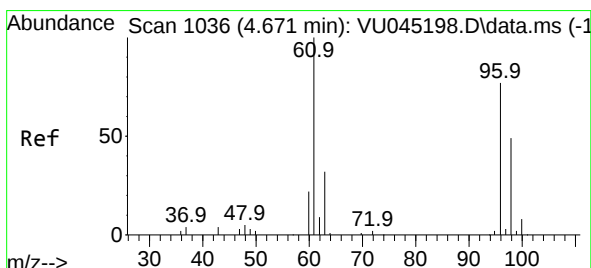
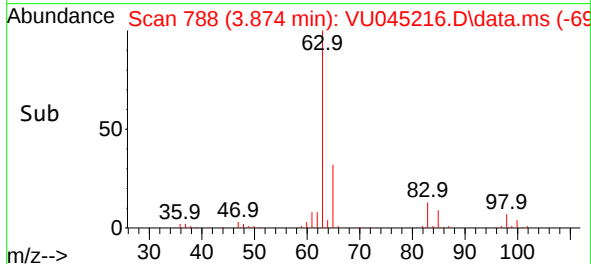
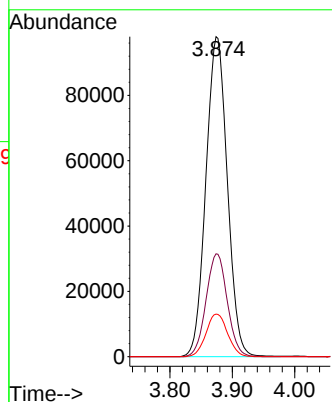
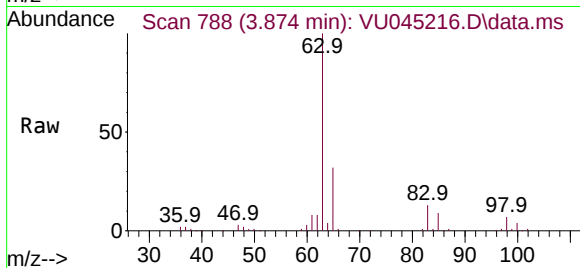
Delta R.T. 0.000 min

Lab File: VU045216.D

Acq: 07 Oct 2021 17:27

Tgt Ion: 63 Resp: 233631

Ion	Ratio	Lower	Upper
63	100		
65	32.2	22.0	40.8
83	13.3	9.0	16.6



#20

cis-1,2-Dichloroethene

Concen: 49.719 ug/L

RT: 4.671 min Scan# 1036

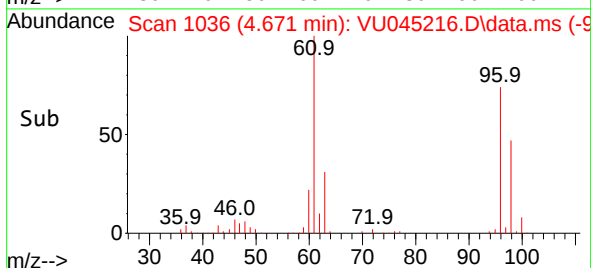
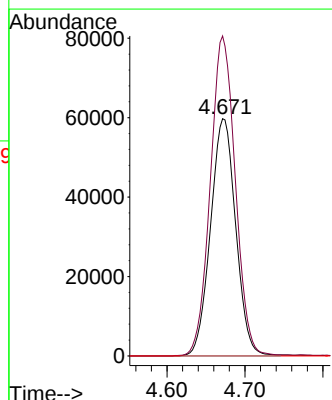
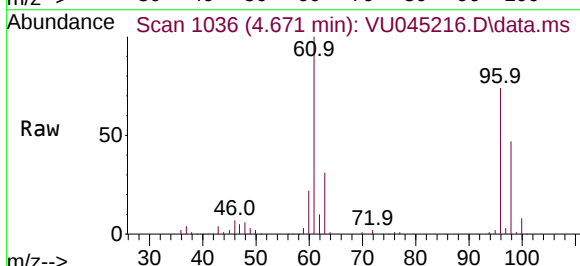
Delta R.T. 0.000 min

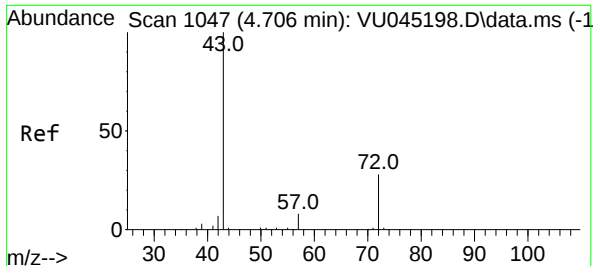
Lab File: VU045216.D

Acq: 07 Oct 2021 17:27

Tgt Ion: 96 Resp: 134113

Ion	Ratio	Lower	Upper
96	100		
61	134.9	100.2	186.0
68	0.0	0.0	0.0

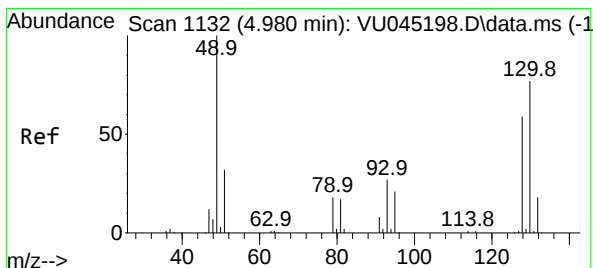
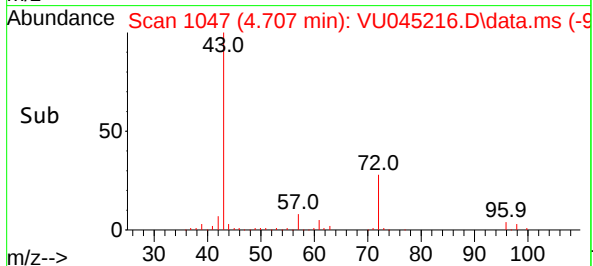
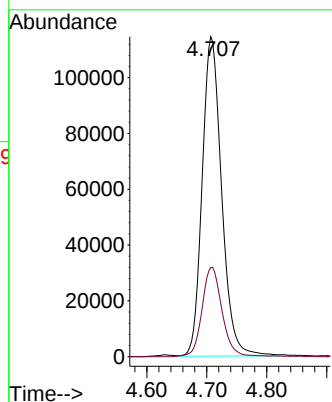
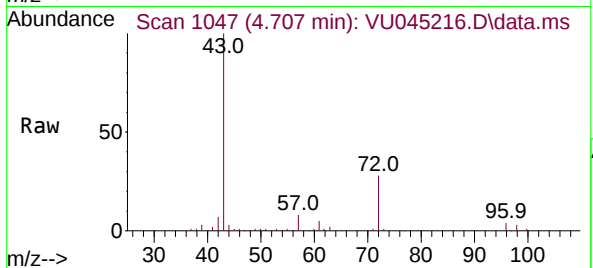




#22
2-Butanone
Concen: 76.943 ug/L
RT: 4.707 min Scan# 1047
Delta R.T. 0.000 min
Lab File: VU045216.D
Acq: 07 Oct 2021 17:27

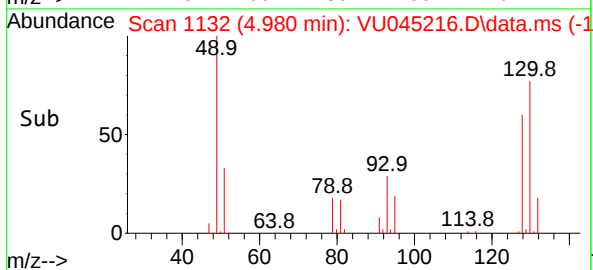
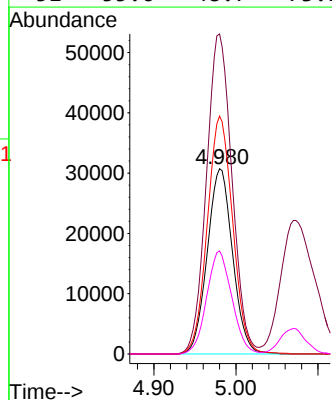
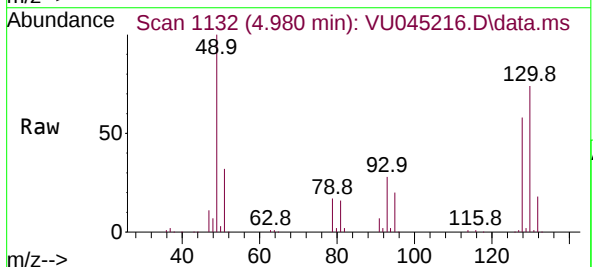
Instrument :
MSVOA_U
ClientSampled :

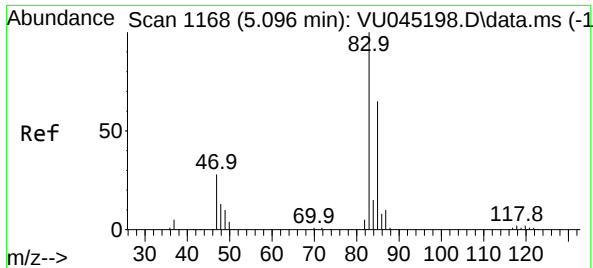
Tgt Ion: 43 Resp: 258524
Ion Ratio Lower Upper
43 100
72 28.8 13.3 39.9



#23
Bromochloromethane
Concen: 48.344 ug/L
RT: 4.980 min Scan# 1132
Delta R.T. 0.000 min
Lab File: VU045216.D
Acq: 07 Oct 2021 17:27

Tgt Ion: 128 Resp: 66107
Ion Ratio Lower Upper
128 100
49 172.8 132.9 246.7
130 128.5 88.2 163.8
51 55.6 48.7 73.1





#25

Chloroform

Concen: 47.264 ug/L

RT: 5.096 min Scan# 1168

Delta R.T. 0.000 min

Lab File: VU045216.D

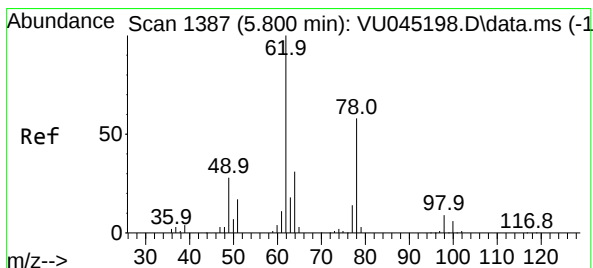
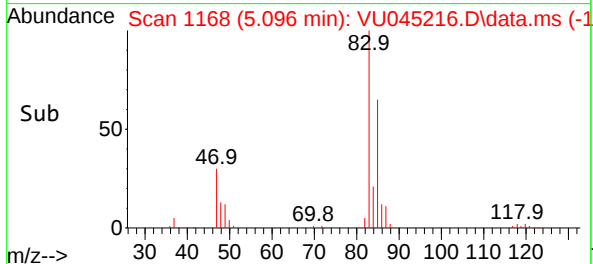
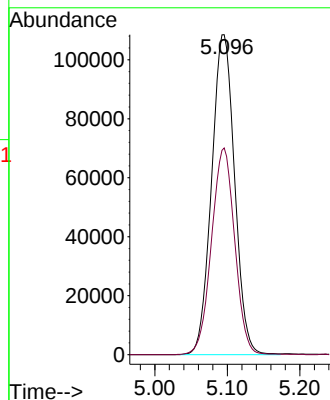
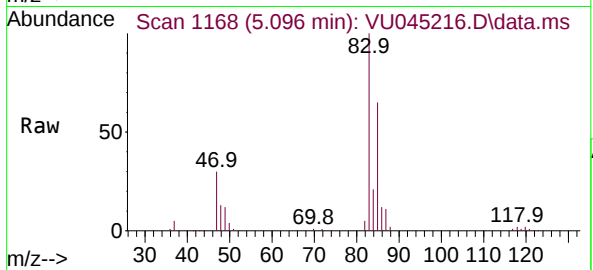
Acq: 07 Oct 2021 17:27

Tgt Ion: 83 Resp: 239288

Ion Ratio Lower Upper

83 100

85 64.6 45.6 84.6



#27

1,2-Dichloroethane

Concen: 47.495 ug/L

RT: 5.800 min Scan# 1387

Delta R.T. 0.000 min

Lab File: VU045216.D

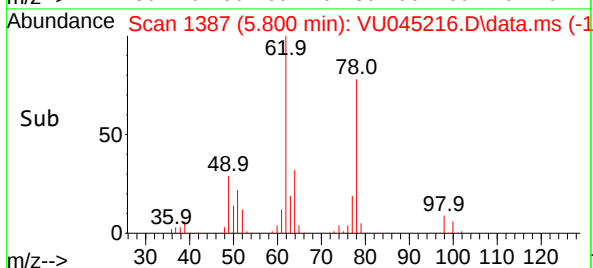
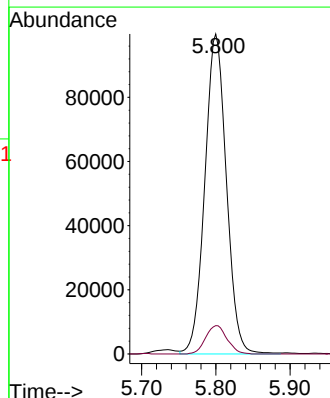
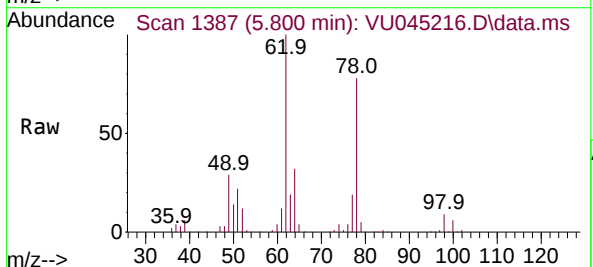
Acq: 07 Oct 2021 17:27

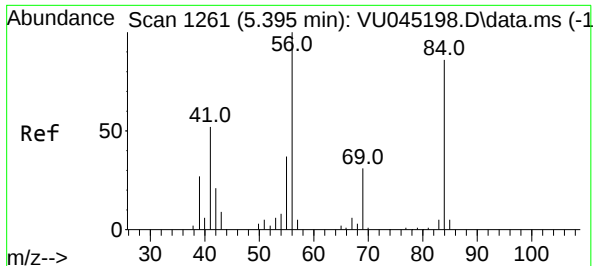
Tgt Ion: 62 Resp: 201118

Ion Ratio Lower Upper

62 100

98 8.8 7.1 10.7





#29

Cyclohexane

Concen: 48.243 ug/L

RT: 5.395 min Scan# 1261

Delta R.T. 0.000 min

Lab File: VU045216.D

Acq: 07 Oct 2021 17:27

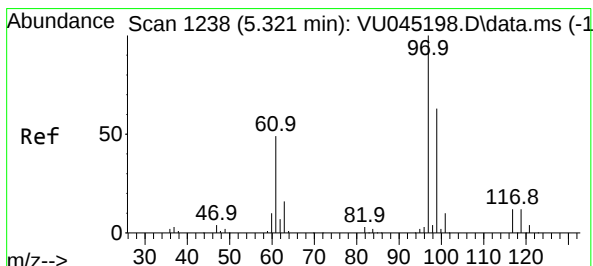
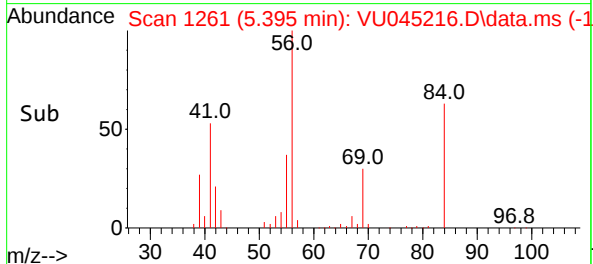
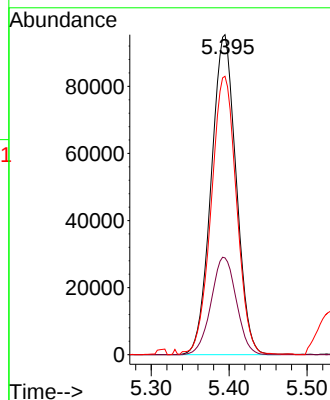
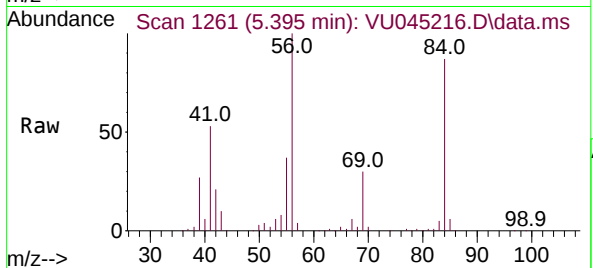
Tgt Ion: 56 Resp: 211997

Ion Ratio Lower Upper

56 100

69 30.8 23.8 35.8

84 88.3 66.8 100.2



#30

1,1,1-Trichloroethane

Concen: 48.440 ug/L

RT: 5.321 min Scan# 1238

Delta R.T. 0.000 min

Lab File: VU045216.D

Acq: 07 Oct 2021 17:27

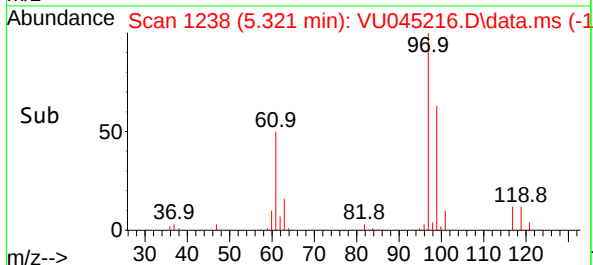
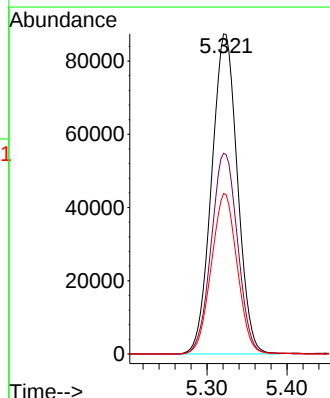
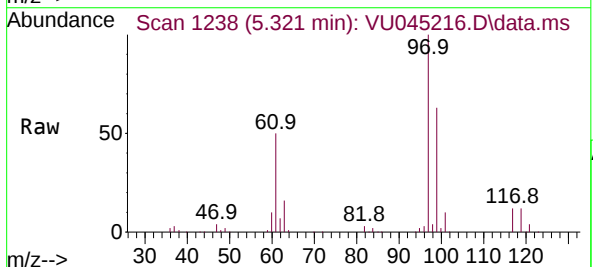
Tgt Ion: 97 Resp: 196031

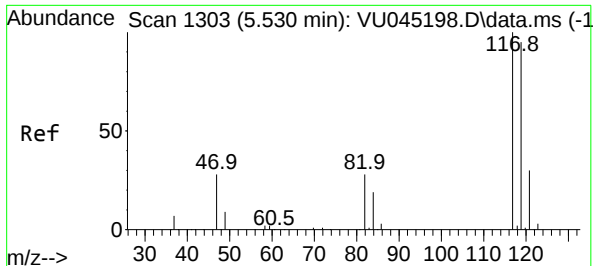
Ion Ratio Lower Upper

97 100

99 64.0 50.6 75.8

61 50.1 41.3 61.9

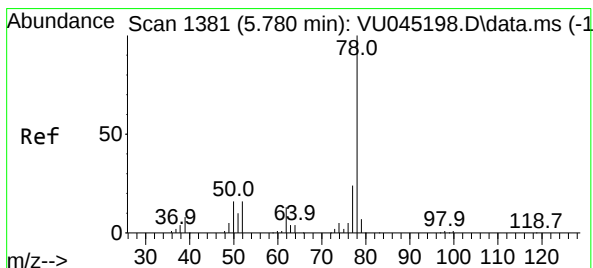
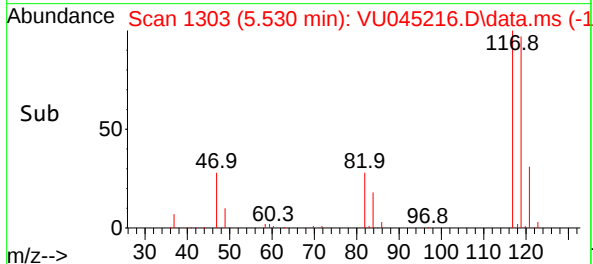
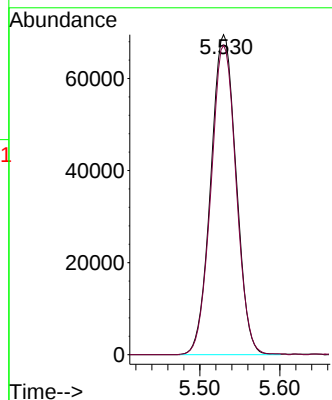
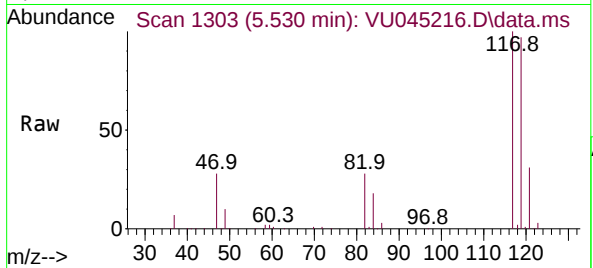




#31
Carbon tetrachloride
Concen: 47.866 ug/L
RT: 5.530 min Scan# 1303
Delta R.T. 0.000 min
Lab File: VU045216.D
Acq: 07 Oct 2021 17:27

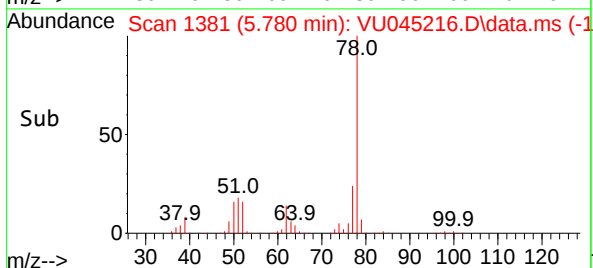
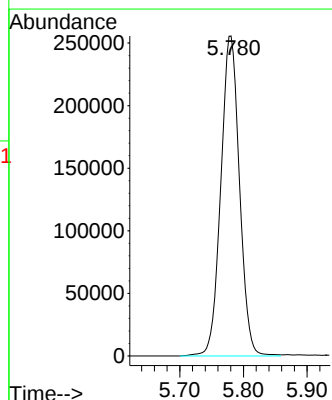
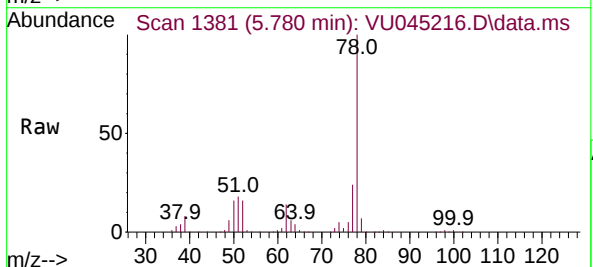
Instrument :
MSVOA_U
ClientSampleId :

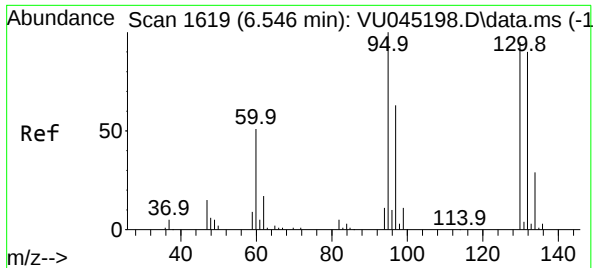
Tgt Ion:117 Resp: 152993
Ion Ratio Lower Upper
117 100
119 96.1 77.7 116.5



#33
Benzene
Concen: 48.039 ug/L
RT: 5.780 min Scan# 1381
Delta R.T. 0.000 min
Lab File: VU045216.D
Acq: 07 Oct 2021 17:27

Tgt Ion: 78 Resp: 520881

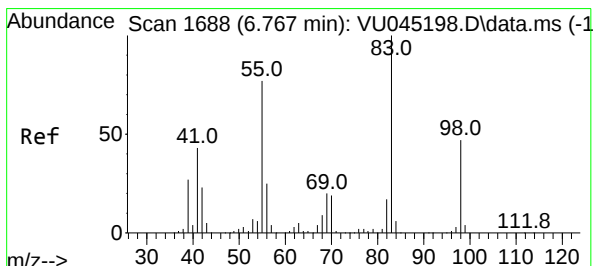
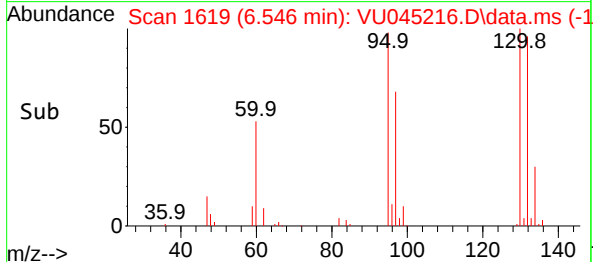
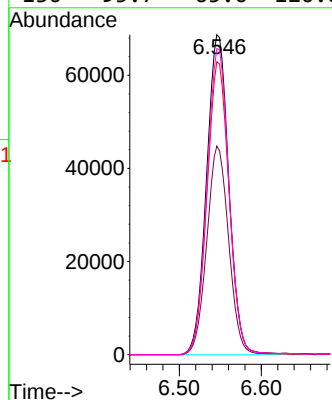
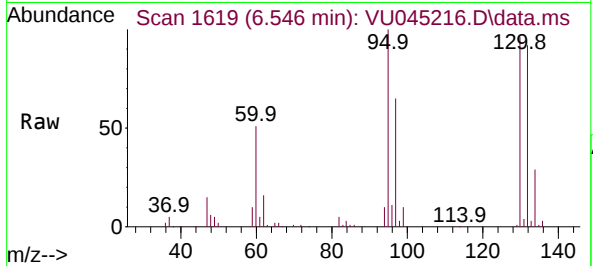




#34
Trichloroethene
Concen: 49.756 ug/L
RT: 6.546 min Scan# 1619
Delta R.T. 0.000 min
Lab File: VU045216.D
Acq: 07 Oct 2021 17:27

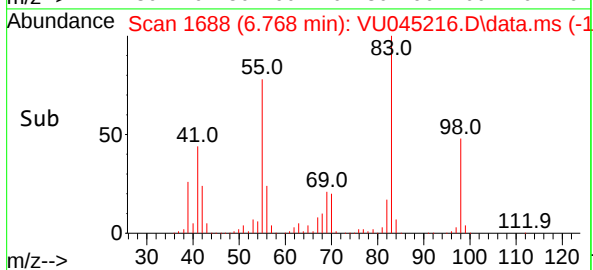
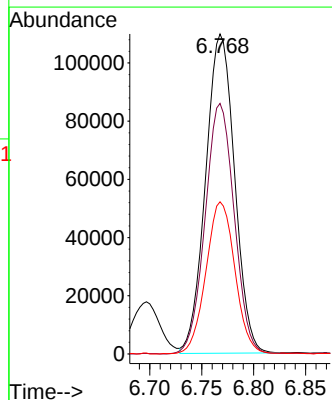
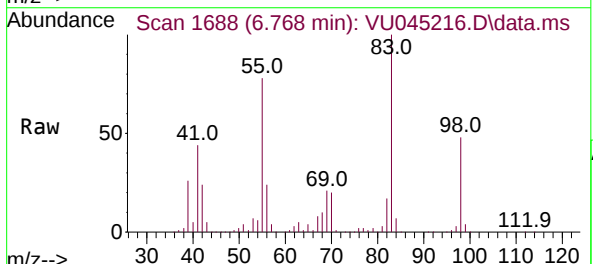
Instrument :
MSVOA_U
ClientSampleId :

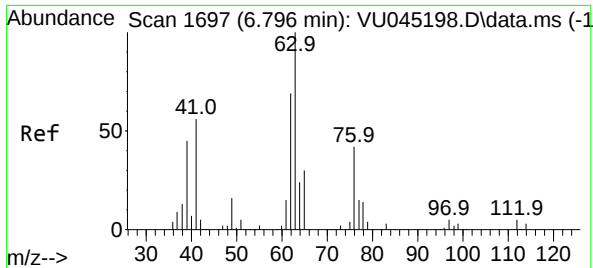
Tgt Ion: 95 Resp: 129582
Ion Ratio Lower Upper
95 100
97 65.2 44.4 82.4
132 91.5 62.9 116.9
130 95.7 65.0 120.8



#35
Methylcyclohexane
Concen: 48.852 ug/L
RT: 6.768 min Scan# 1688
Delta R.T. 0.000 min
Lab File: VU045216.D
Acq: 07 Oct 2021 17:27

Tgt Ion: 83 Resp: 213005
Ion Ratio Lower Upper
83 100
55 78.9 65.8 98.6
98 47.5 37.1 55.7

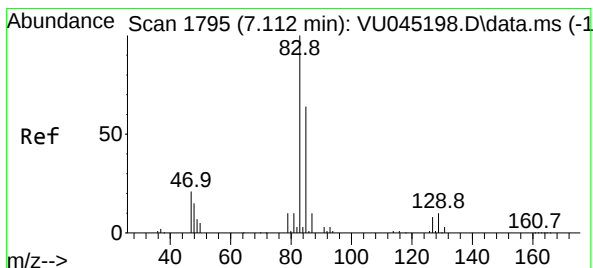
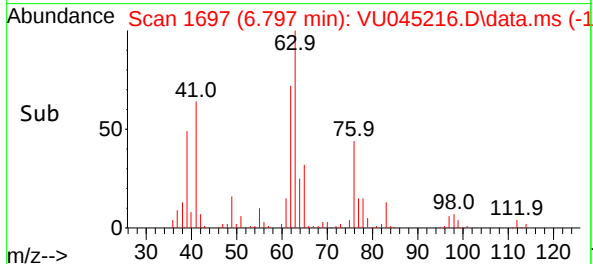
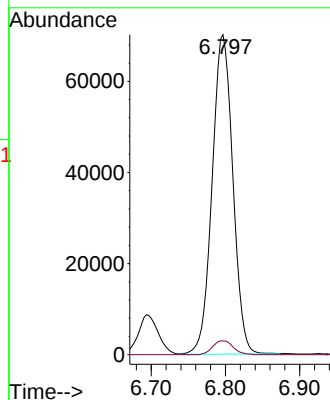
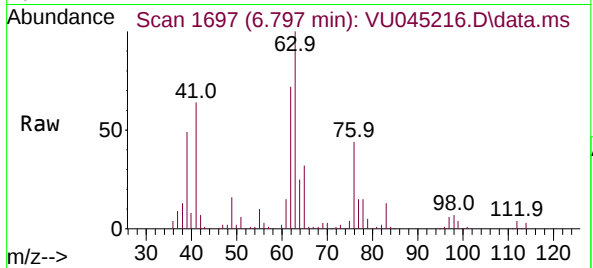




#37
1,2-Dichloropropane
Concen: 46.005 ug/L
RT: 6.797 min Scan# 1697
Delta R.T. 0.000 min
Lab File: VU045216.D
Acq: 07 Oct 2021 17:27

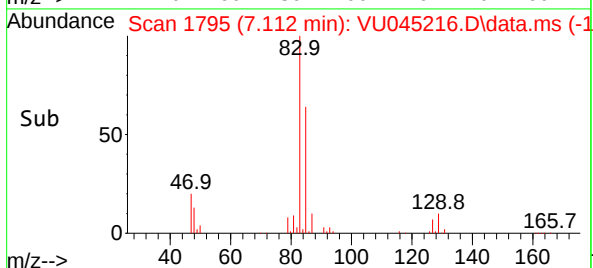
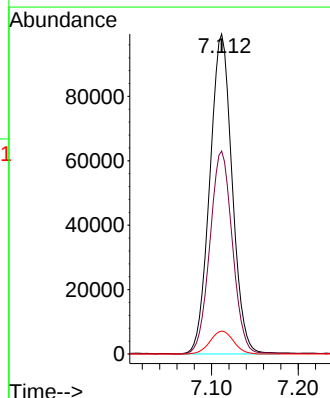
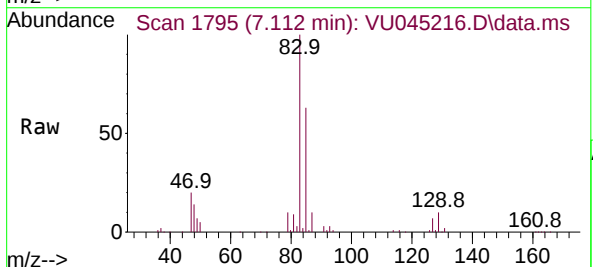
Instrument :
MSVOA_U
ClientSampleId :

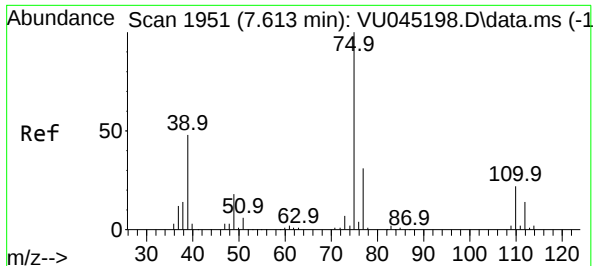
Tgt Ion: 63 Resp: 135816
Ion Ratio Lower Upper
63 100
112 4.3 3.2 4.8



#38
Bromodichloromethane
Concen: 49.313 ug/L
RT: 7.112 min Scan# 1795
Delta R.T. 0.000 min
Lab File: VU045216.D
Acq: 07 Oct 2021 17:27

Tgt Ion: 83 Resp: 178452
Ion Ratio Lower Upper
83 100
85 63.4 44.6 82.8
127 7.2 6.2 9.2





#39

cis-1,3-Dichloropropene

Concen: 51.227 ug/L

RT: 7.613 min Scan# 1951

Delta R.T. 0.000 min

Lab File: VU045216.D

Acq: 07 Oct 2021 17:27

Tgt Ion: 75 Resp: 216391

Ion Ratio Lower Upper

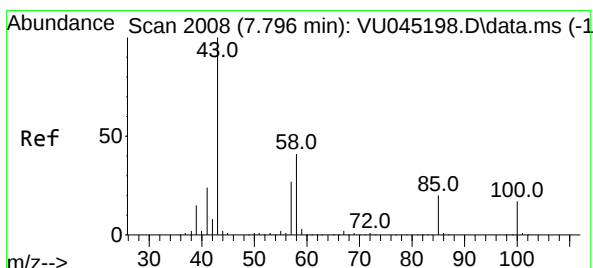
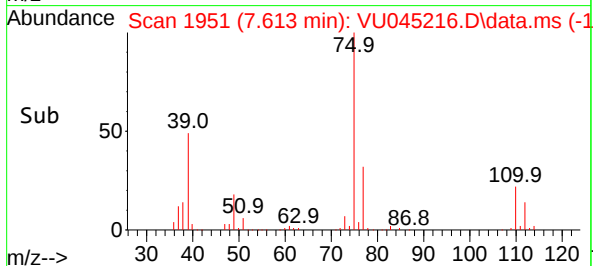
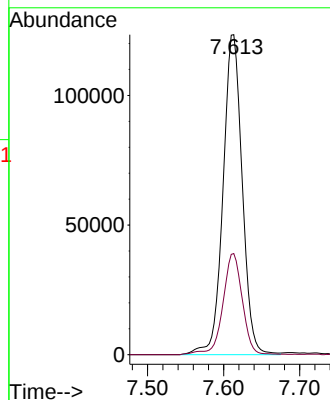
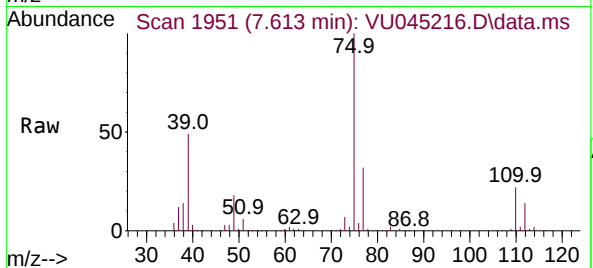
75 100

77 31.6 22.4 41.6

Instrument :

MSVOA_U

ClientSampled :



#40

4-Methyl-2-pentanone

Concen: 89.331 ug/L

RT: 7.796 min Scan# 2008

Delta R.T. 0.000 min

Lab File: VU045216.D

Acq: 07 Oct 2021 17:27

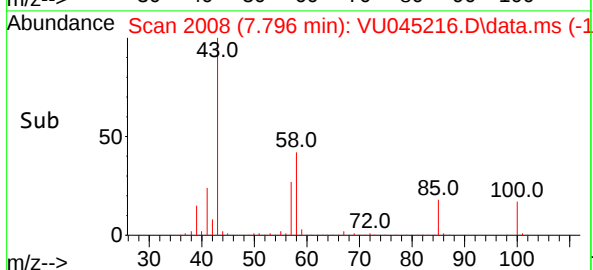
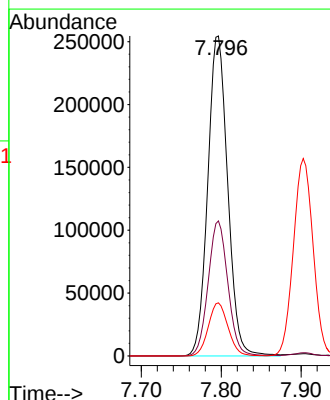
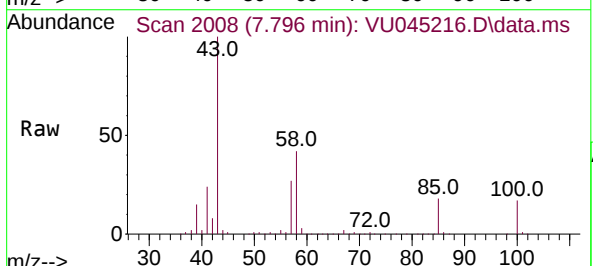
Tgt Ion: 43 Resp: 440545

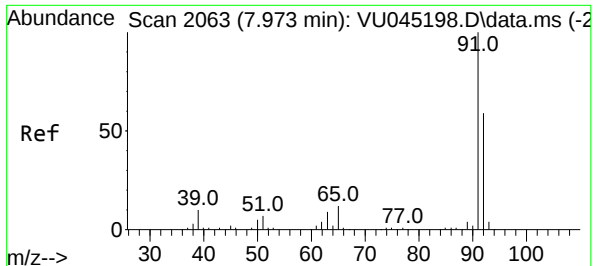
Ion Ratio Lower Upper

43 100

58 41.8 31.8 47.8

100 16.5 11.8 17.6

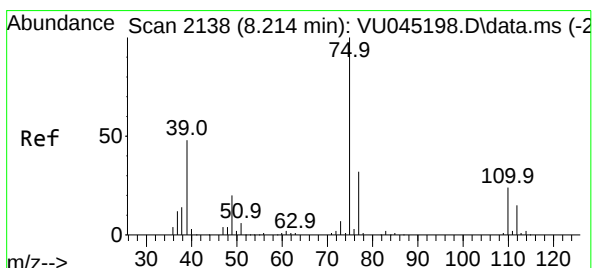
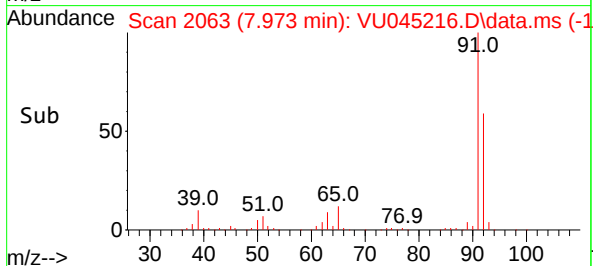
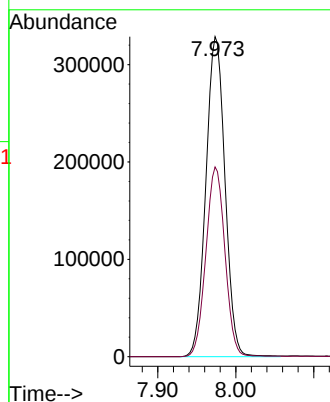
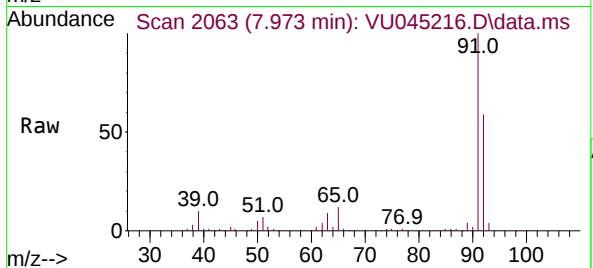




#42
Toluene
Concen: 50.872 ug/L
RT: 7.973 min Scan# 2063
Delta R.T. 0.000 min
Lab File: VU045216.D
Acq: 07 Oct 2021 17:27

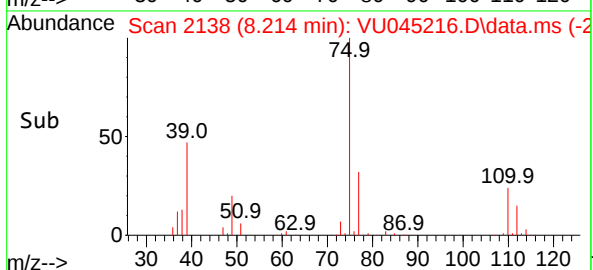
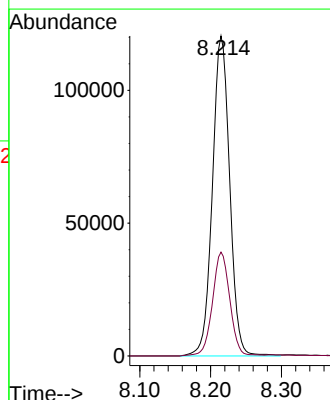
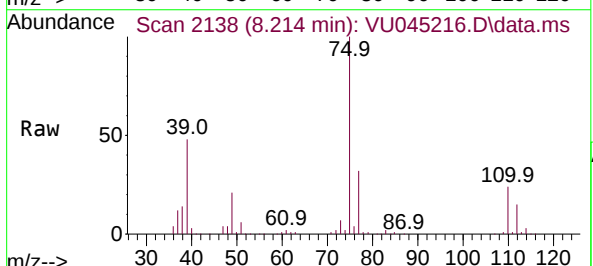
Instrument :
MSVOA_U
ClientSampleId :

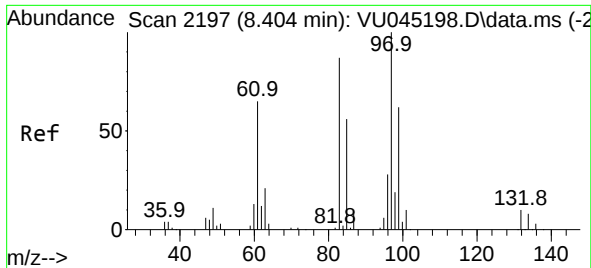
Tgt Ion: 91 Resp: 560461
Ion Ratio Lower Upper
91 100
92 59.3 40.5 75.1



#44
trans-1,3-Dichloropropene
Concen: 50.798 ug/L
RT: 8.214 min Scan# 2138
Delta R.T. 0.000 min
Lab File: VU045216.D
Acq: 07 Oct 2021 17:27

Tgt Ion: 75 Resp: 204036
Ion Ratio Lower Upper
75 100
77 32.4 21.7 40.3

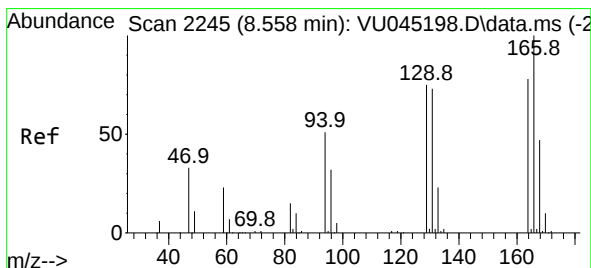
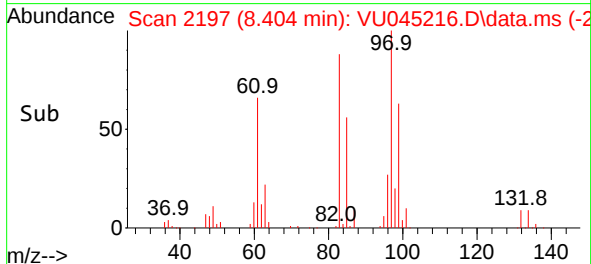
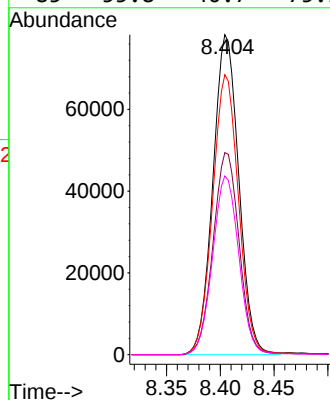
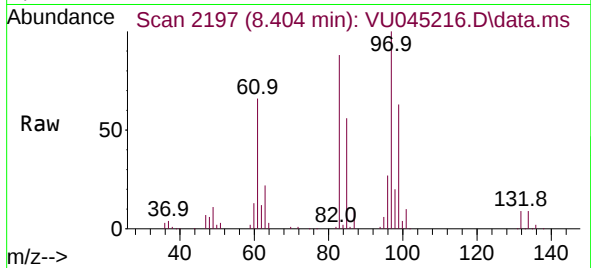




#45
1,1,2-Trichloroethane
Concen: 48.940 ug/L
RT: 8.404 min Scan# 2197
Delta R.T. 0.000 min
Lab File: VU045216.D
Acq: 07 Oct 2021 17:27

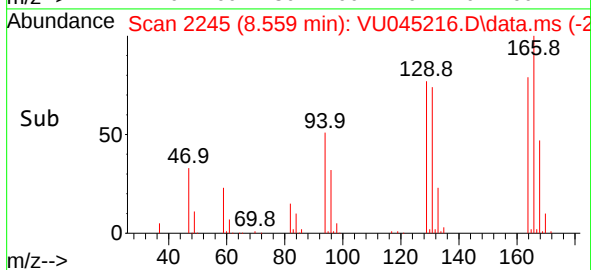
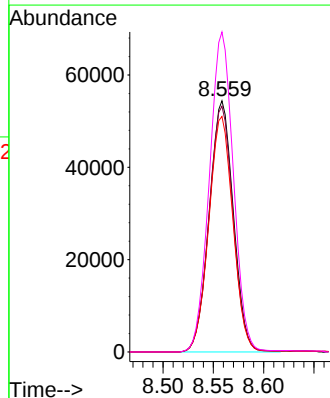
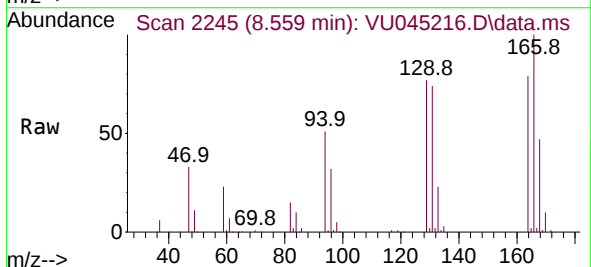
Instrument :
MSVOA_U
ClientSampleId :

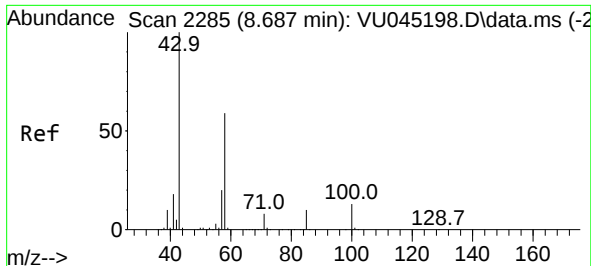
Tgt Ion:	97	Resp:	130935
Ion	Ratio	Lower	Upper
97	100		
99	63.2	43.7	81.1
83	87.5	61.9	115.1
85	55.8	40.7	75.5



#46
Tetrachloroethene
Concen: 48.823 ug/L
RT: 8.559 min Scan# 2245
Delta R.T. 0.000 min
Lab File: VU045216.D
Acq: 07 Oct 2021 17:27

Tgt Ion:	164	Resp:	90885
Ion	Ratio	Lower	Upper
164	100		
129	97.8	69.8	129.6
131	93.7	66.4	123.2
166	127.4	91.1	169.3

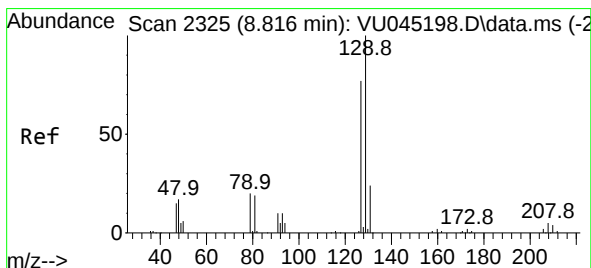
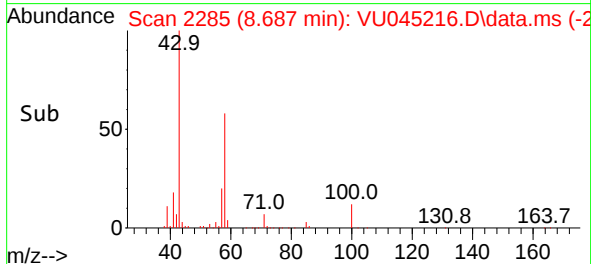
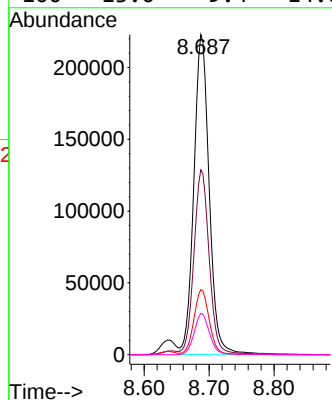
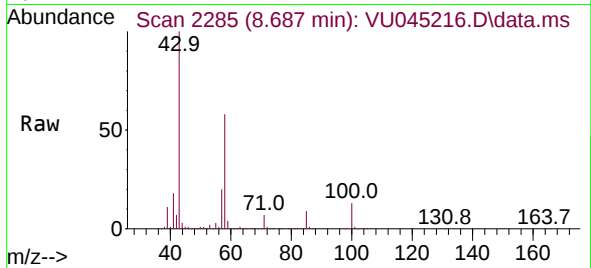




#48
2-Hexanone
Concen: 83.591 ug/L
RT: 8.687 min Scan# 2285
Delta R.T. 0.000 min
Lab File: VU045216.D
Acq: 07 Oct 2021 17:27

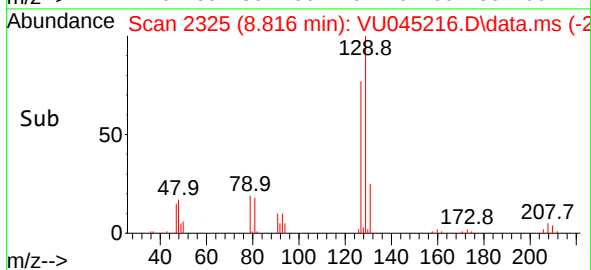
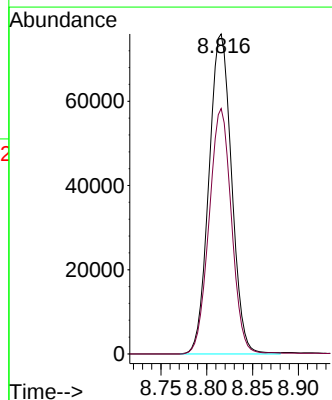
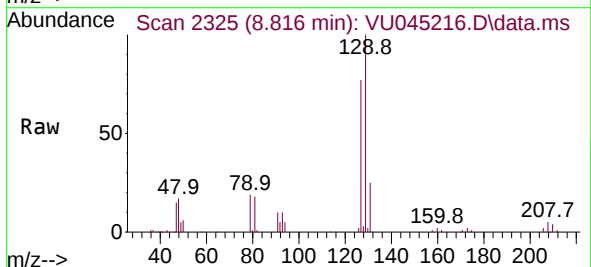
Instrument :
MSVOA_U
ClientSampleId :

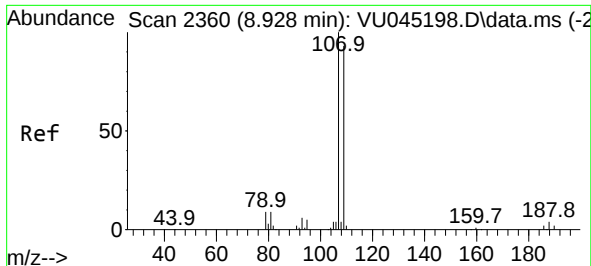
Tgt Ion: 43 Resp: 365562
Ion Ratio Lower Upper
43 100
58 57.5 44.9 67.3
57 20.2 15.5 23.3
100 13.0 9.4 14.0



#49
Dibromochloromethane
Concen: 49.373 ug/L
RT: 8.816 min Scan# 2325
Delta R.T. 0.000 min
Lab File: VU045216.D
Acq: 07 Oct 2021 17:27

Tgt Ion: 129 Resp: 130641
Ion Ratio Lower Upper
129 100
127 76.7 54.3 100.8





#50

1,2-Dibromoethane

Concen: 49.722 ug/L

RT: 8.928 min Scan# 2360

Delta R.T. 0.000 min

Lab File: VU045216.D

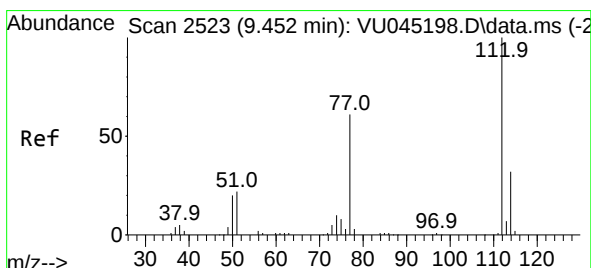
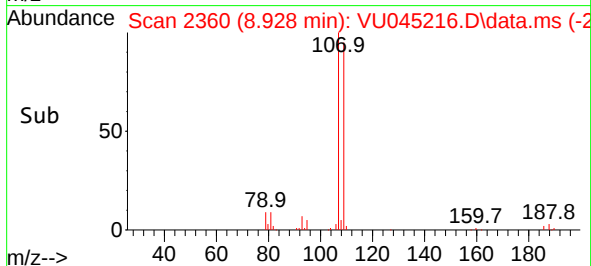
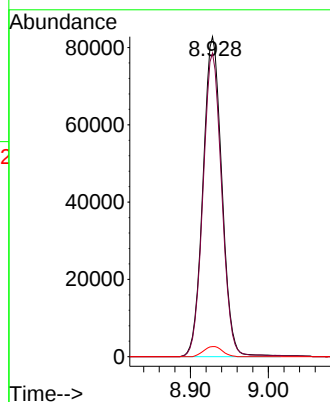
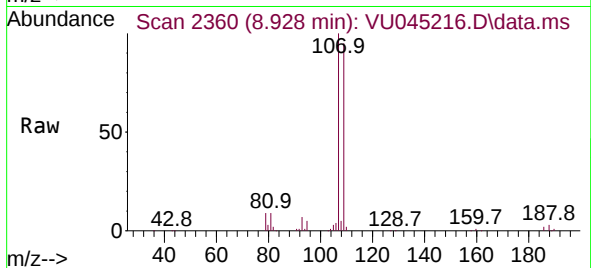
Acq: 07 Oct 2021 17:27

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion:	107	Resp:	139281
Ion	Ratio	Lower	Upper
107	100		
109	94.8	65.5	121.6
188	3.3	2.6	3.8



#51

Chlorobenzene

Concen: 50.008 ug/L

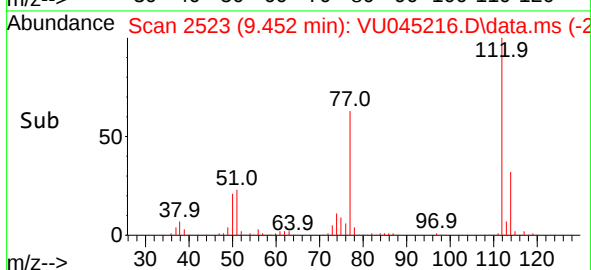
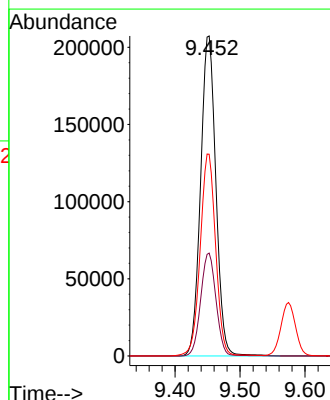
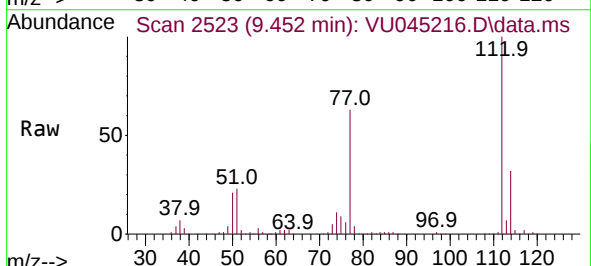
RT: 9.452 min Scan# 2523

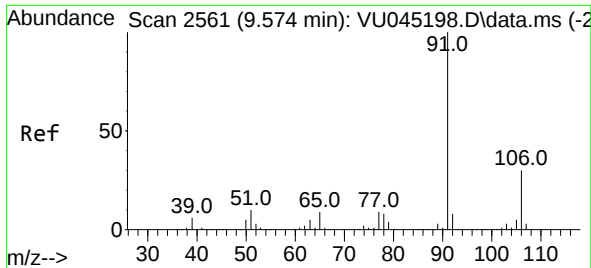
Delta R.T. 0.000 min

Lab File: VU045216.D

Acq: 07 Oct 2021 17:27

Tgt Ion:	112	Resp:	340128
Ion	Ratio	Lower	Upper
112	100		
114	32.2	22.5	41.9
77	63.1	50.6	75.8

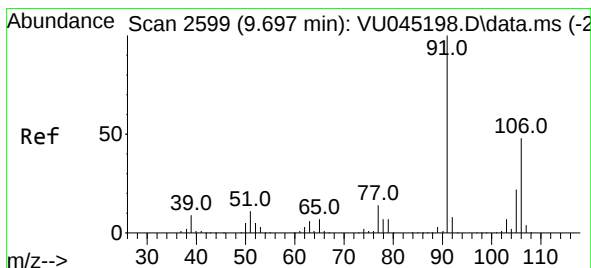
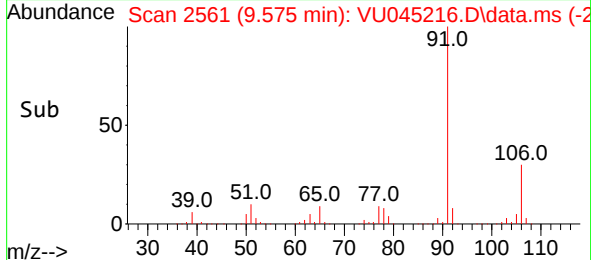
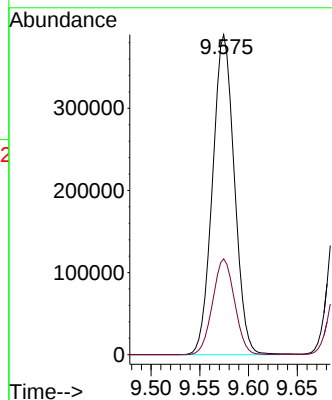
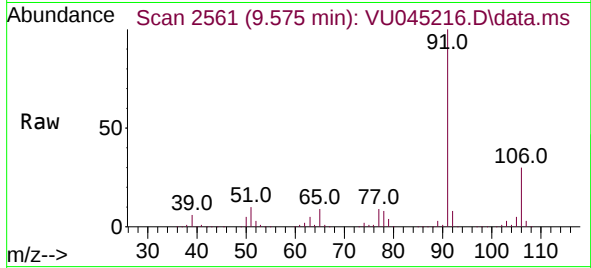




#52
Ethylbenzene
Concen: 52.175 ug/L
RT: 9.575 min Scan# 2561
Delta R.T. 0.000 min
Lab File: VU045216.D
Acq: 07 Oct 2021 17:27

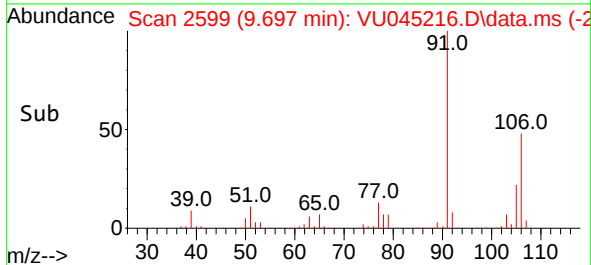
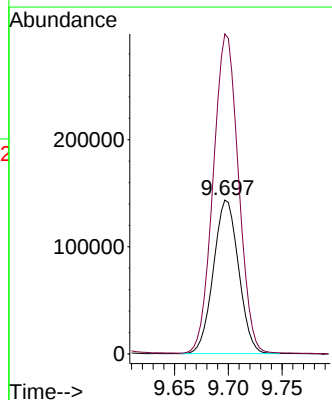
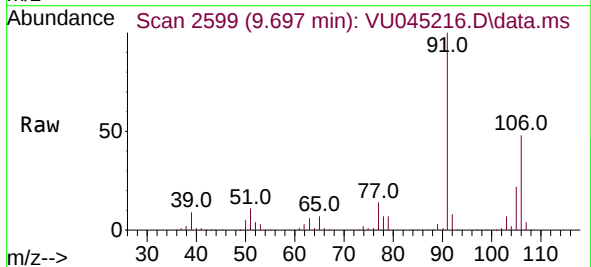
Instrument :
MSVOA_U
ClientSampled :

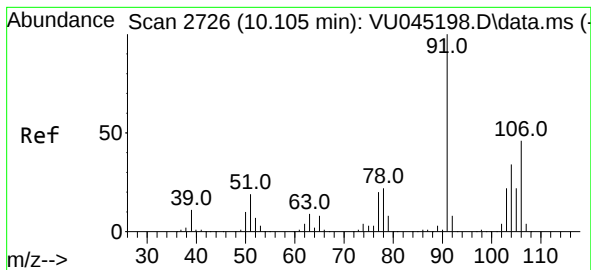
Tgt Ion: 91 Resp: 607236
Ion Ratio Lower Upper
91 100
106 30.0 21.2 39.4



#53
m,p-Xylene
Concen: 53.010 ug/L
RT: 9.697 min Scan# 2599
Delta R.T. 0.000 min
Lab File: VU045216.D
Acq: 07 Oct 2021 17:27

Tgt Ion: 106 Resp: 233713
Ion Ratio Lower Upper
106 100
91 207.8 146.7 272.4

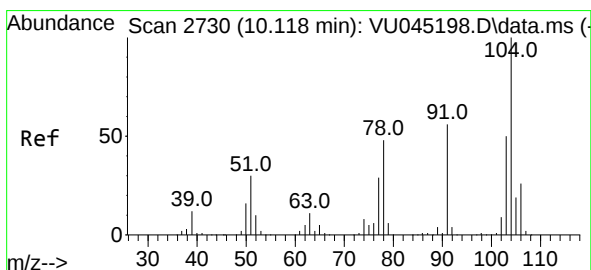
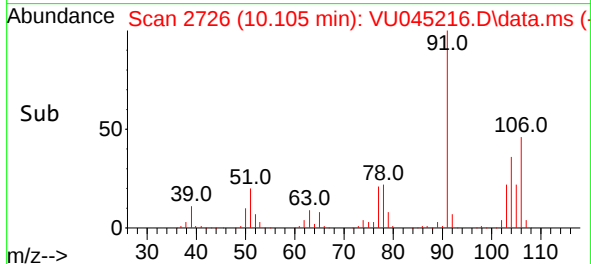
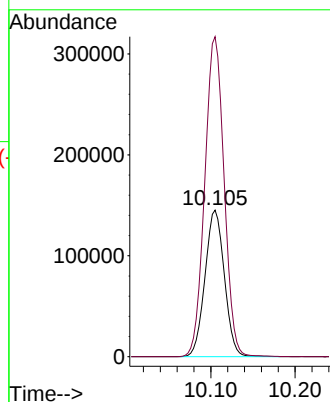
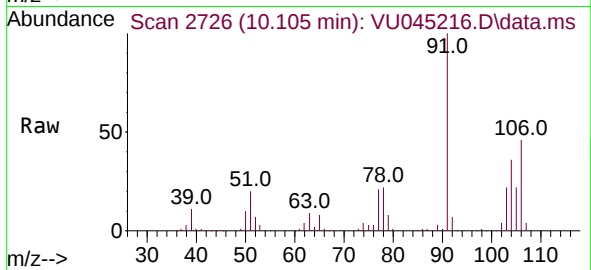




#54
o-xylene
Concen: 53.666 ug/L
RT: 10.105 min Scan# 2726
Delta R.T. 0.000 min
Lab File: VU045216.D
Acq: 07 Oct 2021 17:27

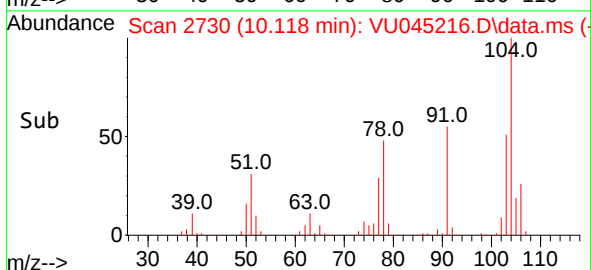
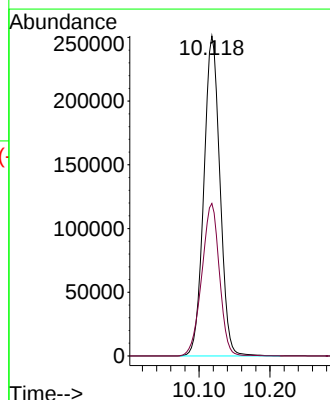
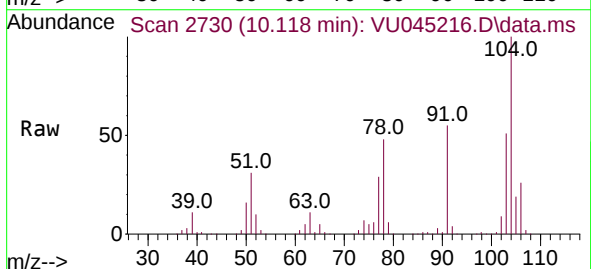
Instrument :
MSVOA_U
ClientSampleId :

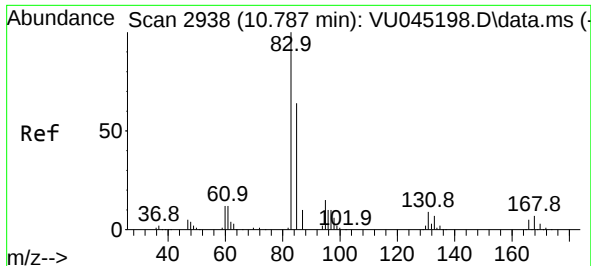
Tgt Ion:106 Resp: 232503
Ion Ratio Lower Upper
106 100
91 218.4 152.9 283.9



#55
Styrene
Concen: 53.238 ug/L
RT: 10.118 min Scan# 2730
Delta R.T. 0.000 min
Lab File: VU045216.D
Acq: 07 Oct 2021 17:27

Tgt Ion:104 Resp: 396648
Ion Ratio Lower Upper
104 100
78 47.6 33.3 61.9

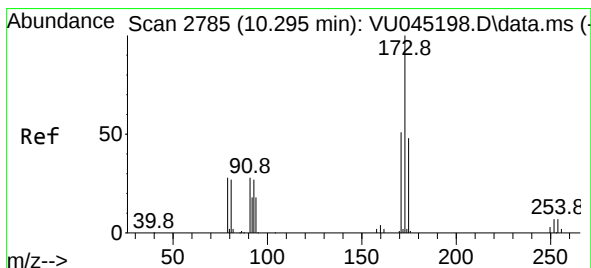
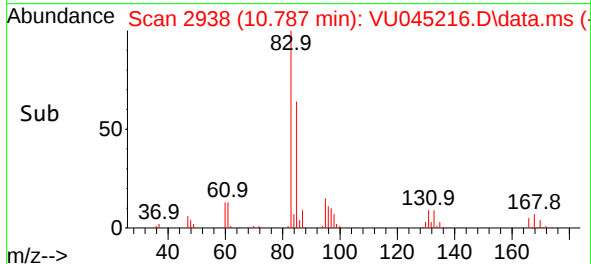
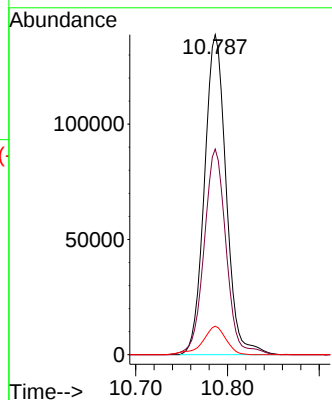
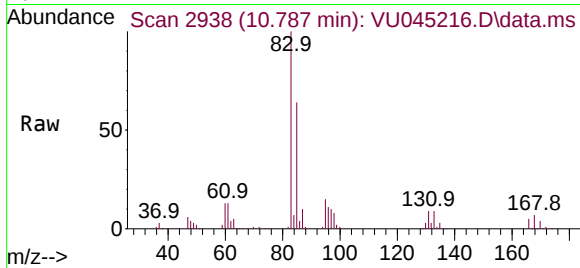




#57
1,1,2,2-Tetrachloroethane
Concen: 44.576 ug/L
RT: 10.787 min Scan# 2938
Delta R.T. 0.000 min
Lab File: VU045216.D
Acq: 07 Oct 2021 17:27

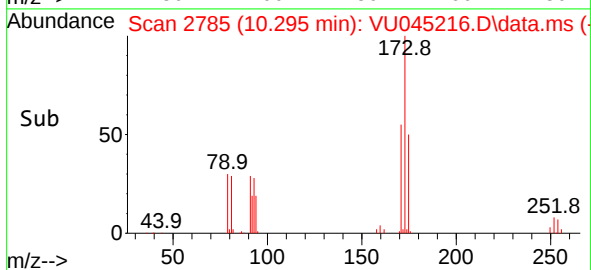
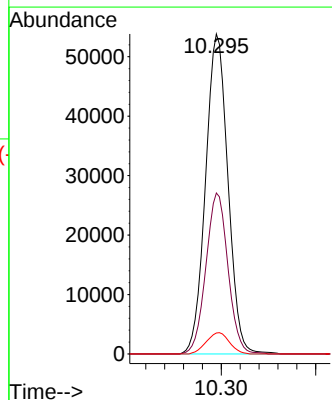
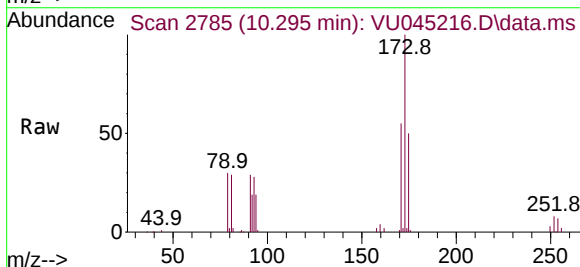
Instrument :
MSVOA_U
ClientSampleId :

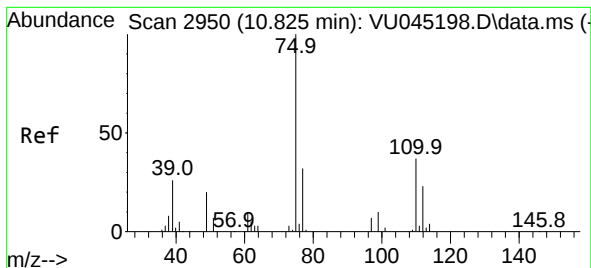
Tgt Ion: 83 Resp: 228350
Ion Ratio Lower Upper
83 100
85 64.3 45.1 83.7
131 8.9 6.9 10.3



#59
Bromoform
Concen: 48.772 ug/L
RT: 10.295 min Scan# 2785
Delta R.T. 0.000 min
Lab File: VU045216.D
Acq: 07 Oct 2021 17:27

Tgt Ion:173 Resp: 88481
Ion Ratio Lower Upper
173 100
175 49.6 38.4 57.6
254 6.9 5.3 7.9

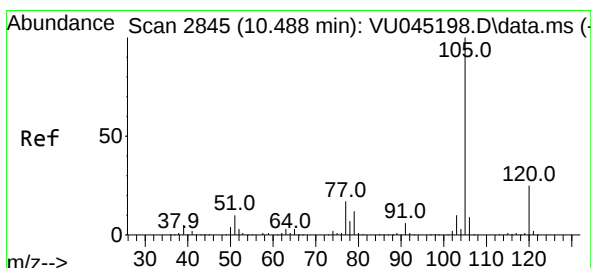
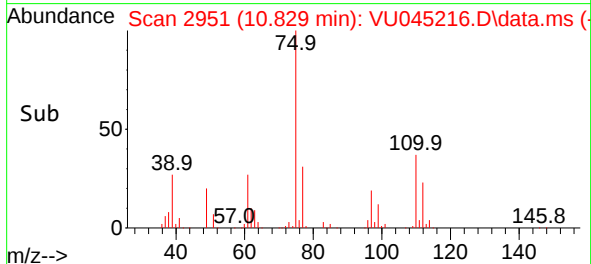
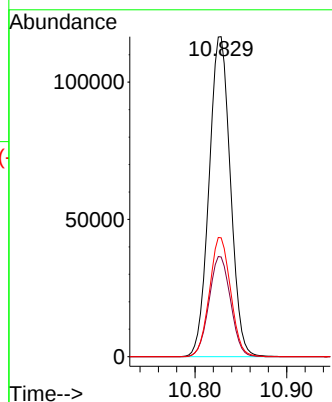
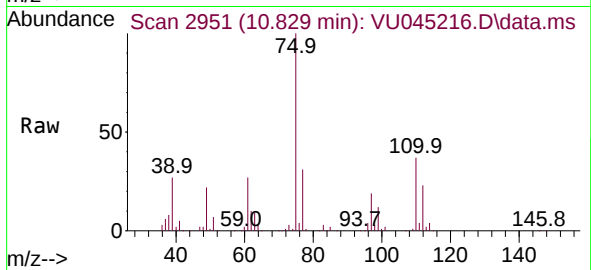




#60
1,2,3-Trichloropropane
Concen: 46.585 ug/L
RT: 10.829 min Scan# 2951
Delta R.T. 0.003 min
Lab File: VU045216.D
Acq: 07 Oct 2021 17:27

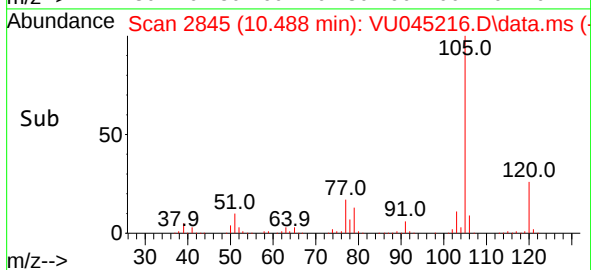
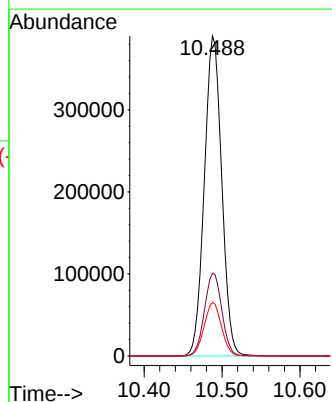
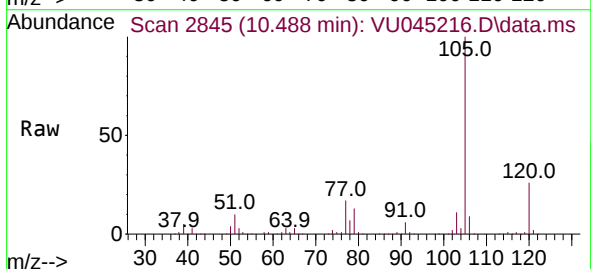
Instrument :
MSVOA_U
ClientSampleId :

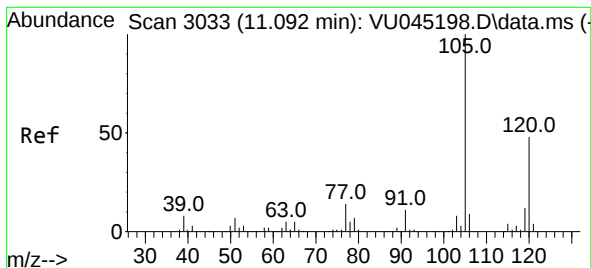
Tgt Ion: 75 Resp: 188472
Ion Ratio Lower Upper
75 100
77 31.6 25.5 38.3
110 37.0 29.0 43.4



#61
Isopropylbenzene
Concen: 56.464 ug/L
RT: 10.488 min Scan# 2845
Delta R.T. 0.000 min
Lab File: VU045216.D
Acq: 07 Oct 2021 17:27

Tgt Ion: 105 Resp: 604464
Ion Ratio Lower Upper
105 100
120 25.8 20.5 30.7
77 16.7 13.5 20.3

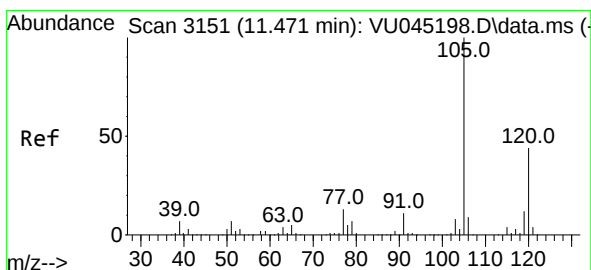
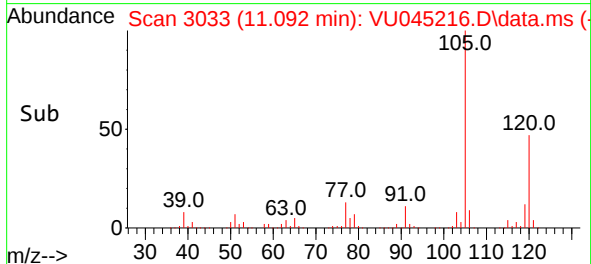
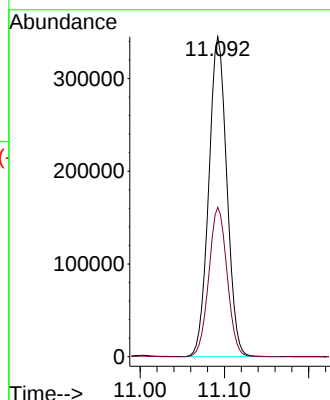
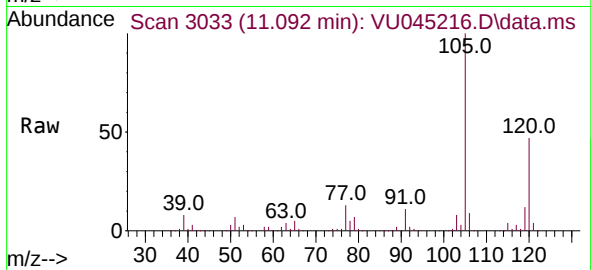




#62
1,3,5-Trimethylbenzene
Concen: 57.660 ug/L
RT: 11.092 min Scan# 3033
Delta R.T. 0.000 min
Lab File: VU045216.D
Acq: 07 Oct 2021 17:27

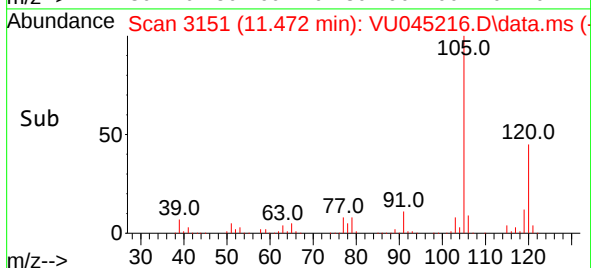
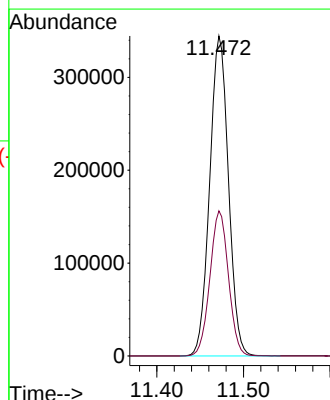
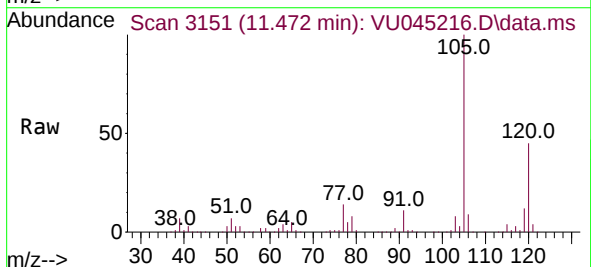
Instrument :
MSVOA_U
ClientSampleId :

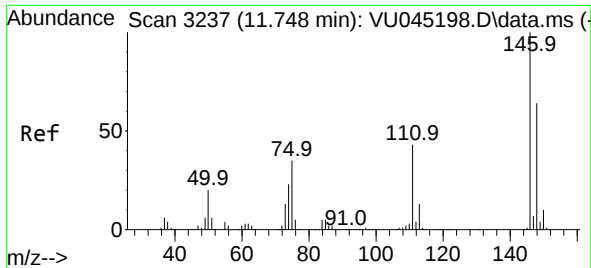
Tgt Ion:105 Resp: 515497
Ion Ratio Lower Upper
105 100
120 47.3 38.8 58.2



#63
1,2,4-Trimethylbenzene
Concen: 56.619 ug/L
RT: 11.472 min Scan# 3151
Delta R.T. 0.000 min
Lab File: VU045216.D
Acq: 07 Oct 2021 17:27

Tgt Ion:105 Resp: 518348
Ion Ratio Lower Upper
105 100
120 44.8 35.7 53.5

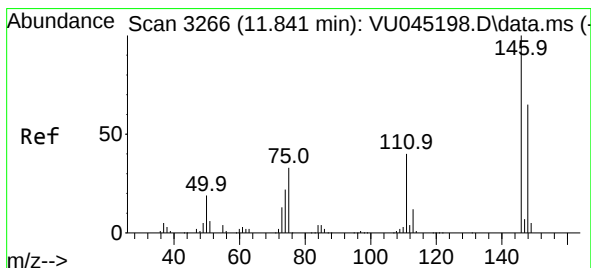
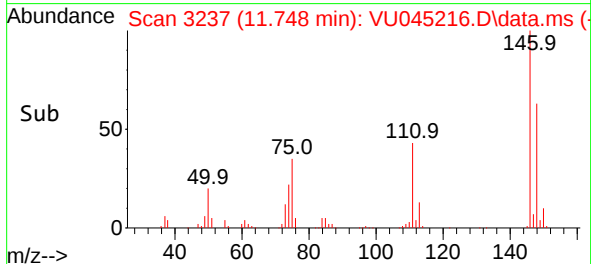
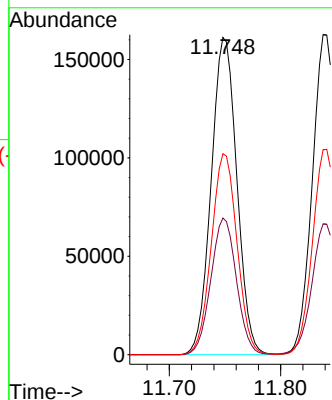
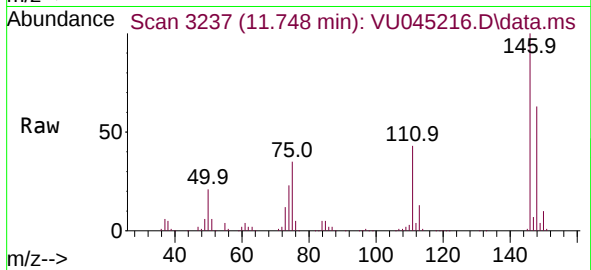




#64
1,3-Dichlorobenzene
Concen: 52.128 ug/L
RT: 11.748 min Scan# 3237
Delta R.T. 0.000 min
Lab File: VU045216.D
Acq: 07 Oct 2021 17:27

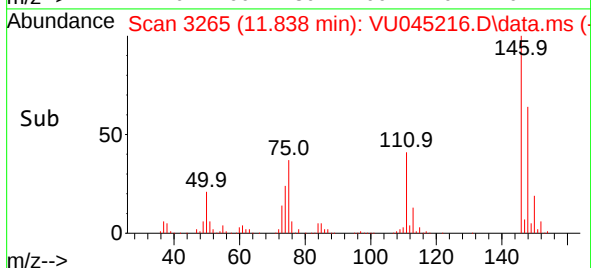
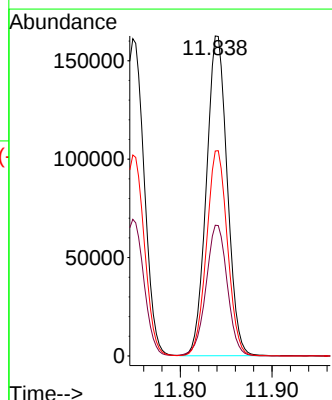
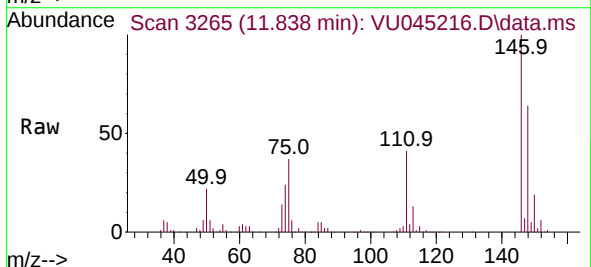
Instrument :
MSVOA_U
ClientSampleId :

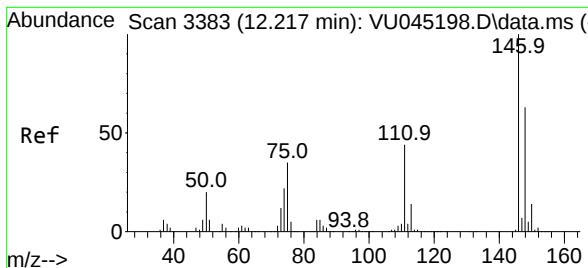
Tgt Ion:146 Resp: 257892
Ion Ratio Lower Upper
146 100
111 43.1 29.0 53.8
148 63.3 44.8 83.2



#65
1,4-Dichlorobenzene
Concen: 50.519 ug/L
RT: 11.838 min Scan# 3265
Delta R.T. -0.003 min
Lab File: VU045216.D
Acq: 07 Oct 2021 17:27

Tgt Ion:146 Resp: 256427
Ion Ratio Lower Upper
146 100
111 40.9 28.5 52.9
148 64.0 45.5 84.5

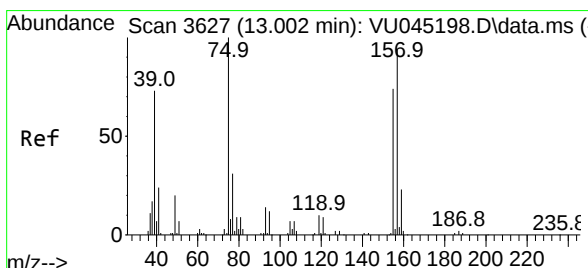
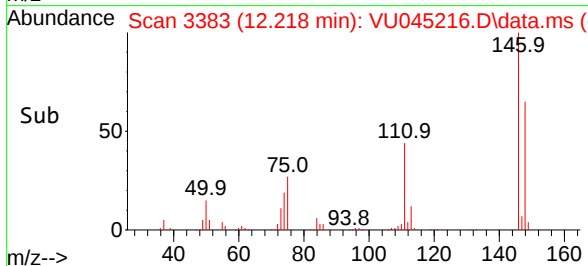
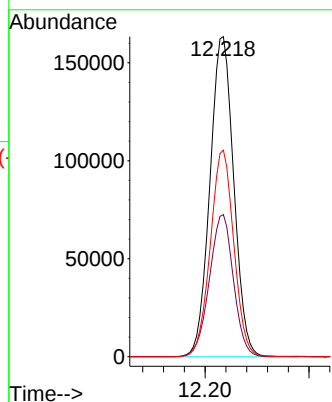
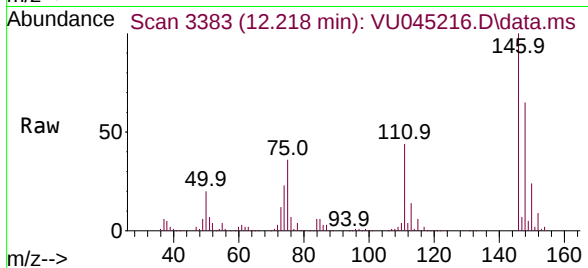




#67
1,2-Dichlorobenzene
Concen: 51.107 ug/L
RT: 12.218 min Scan# 3383
Delta R.T. 0.000 min
Lab File: VU045216.D
Acq: 07 Oct 2021 17:27

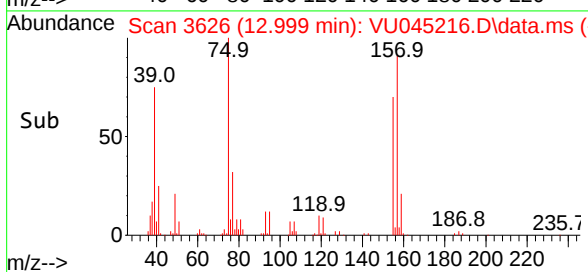
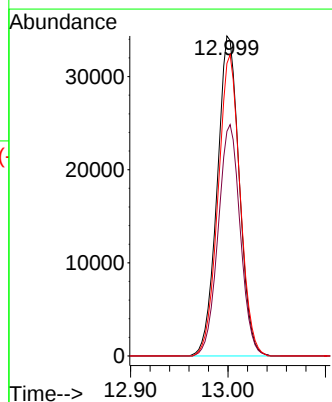
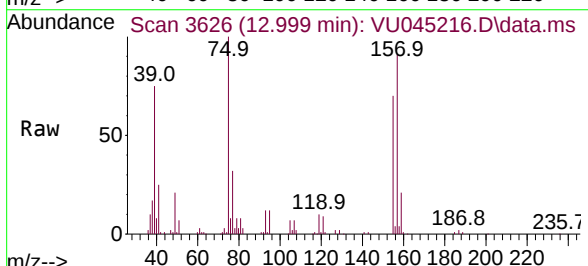
Instrument :
MSVOA_U
ClientSampled :

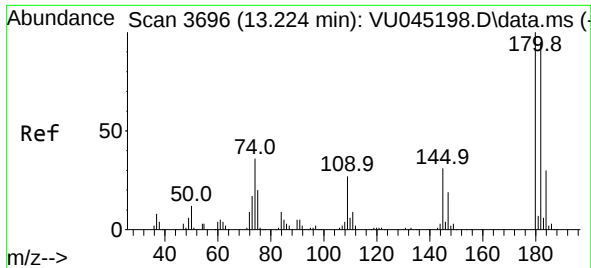
Tgt Ion:146 Resp: 259563
Ion Ratio Lower Upper
146 100
111 44.4 34.7 52.1
148 64.5 51.0 76.6



#68
1,2-Dibromo-3-chloropropane
Concen: 46.600 ug/L
RT: 12.999 min Scan# 3626
Delta R.T. -0.003 min
Lab File: VU045216.D
Acq: 07 Oct 2021 17:27

Tgt Ion: 75 Resp: 54181
Ion Ratio Lower Upper
75 100
155 70.2 58.5 87.7
157 95.2 77.7 116.5



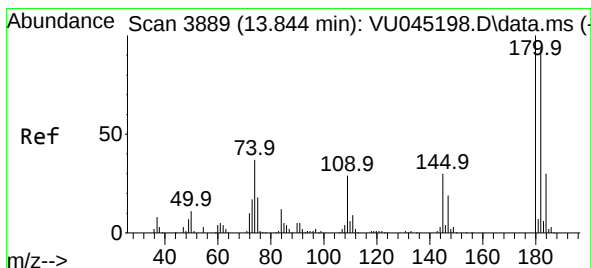
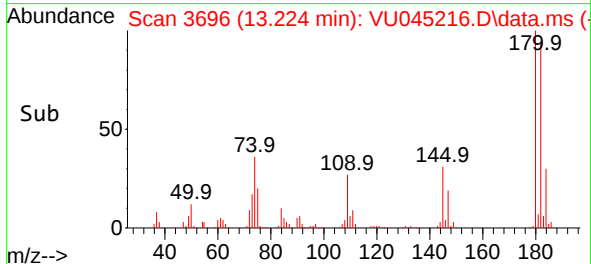
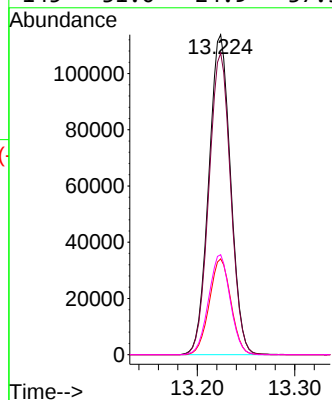
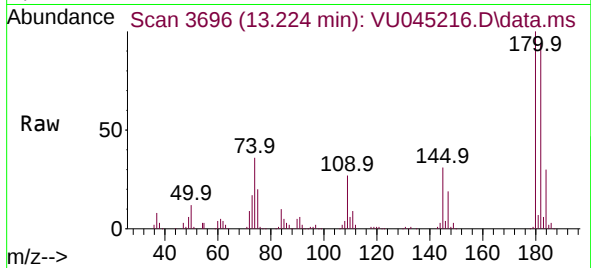


#69
 1,3,5-Trichlorobenzene
 Concen: 51.460 ug/L
 RT: 13.224 min Scan# 3696
 Delta R.T. 0.000 min
 Lab File: VU045216.D
 Acq: 07 Oct 2021 17:27

Instrument :
 MSVOA_U
 ClientSampleId :

Tgt Ion:180 Resp: 176679

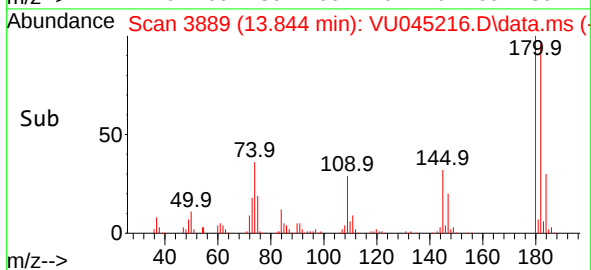
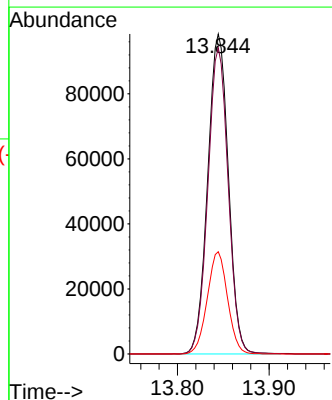
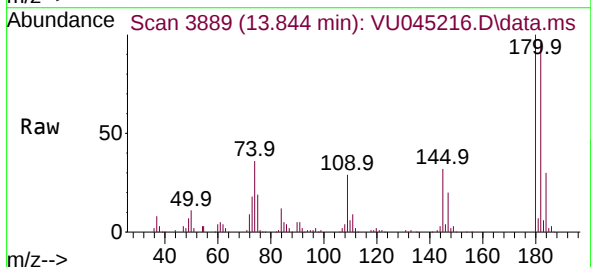
Ion	Ratio	Lower	Upper
180	100		
182	94.1	76.8	115.2
184	29.6	24.4	36.6
145	31.0	24.9	37.3

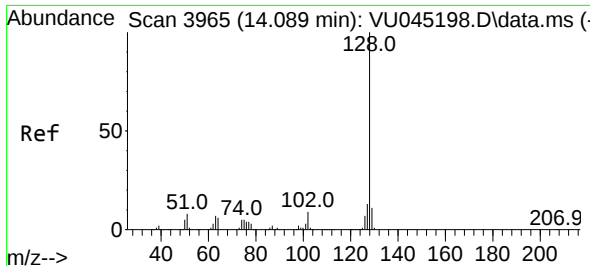


#70
 1,2,4-trichlorobenzene
 Concen: 54.020 ug/L
 RT: 13.844 min Scan# 3889
 Delta R.T. 0.000 min
 Lab File: VU045216.D
 Acq: 07 Oct 2021 17:27

Tgt Ion:180 Resp: 154122

Ion	Ratio	Lower	Upper
180	100		
182	94.0	76.2	114.2
145	31.4	25.4	38.0

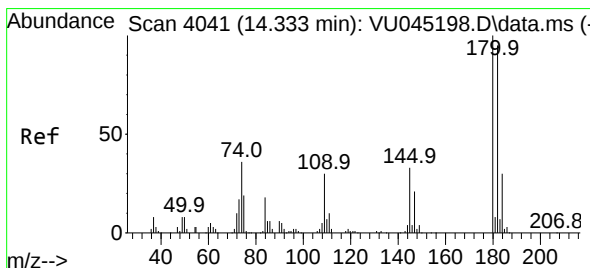
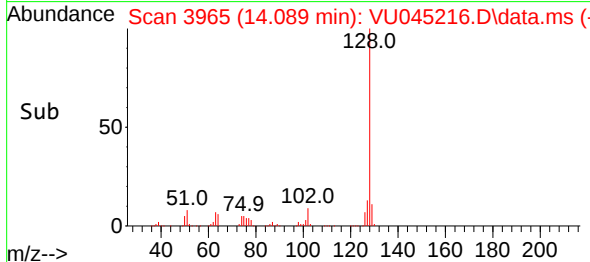
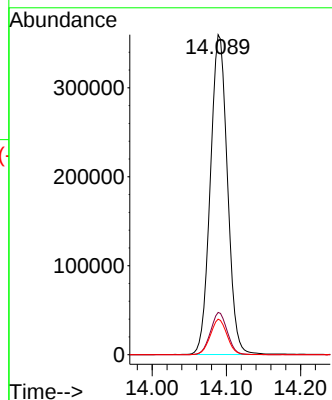
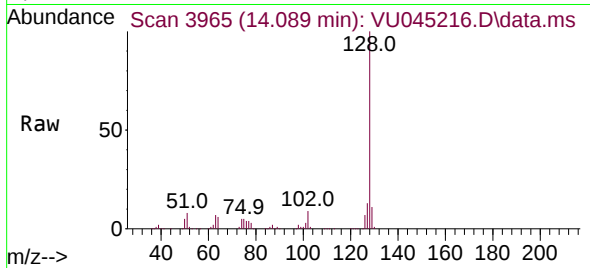




#71
Naphthalene
Concen: 58.061 ug/L
RT: 14.089 min Scan# 3965
Delta R.T. 0.000 min
Lab File: VU045216.D
Acq: 07 Oct 2021 17:27

Instrument :
MSVOA_U
ClientSampled :

Tgt Ion:128 Resp: 574034
Ion Ratio Lower Upper
128 100
127 13.0 10.4 15.6
129 10.9 8.8 13.2



#72
1,2,3-Trichlorobenzene
Concen: 52.838 ug/L
RT: 14.333 min Scan# 4041
Delta R.T. 0.000 min
Lab File: VU045216.D
Acq: 07 Oct 2021 17:27

Tgt Ion:180 Resp: 154240
Ion Ratio Lower Upper
180 100
182 95.3 76.8 115.2
145 33.9 26.5 39.7

