

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU100621\
 Data File : VU0451173.D
 Acq On : 06 Oct 2021 10:05
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Oct 07 02:56:00 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092321WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Oct 06 01:40:56 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.253	114	289691	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.423	117	275410	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.815	152	142971	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.600	65	125718	39.643	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	79.280%
7) Chloroethane-d5	1.906	69	100930	40.163	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	80.320%
11) 1,1-Dichloroethene-d2	2.571	63	223352	41.939	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	83.880%
21) 2-Butanone-d5	4.626	46	192079	76.613	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	76.610%
24) Chloroform-d	5.070	84	209209	41.769	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	83.540%
26) 1,2-Dichloroethane-d4	5.706	65	138928	40.949	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	81.900%
32) Benzene-d6	5.732	84	415807	43.510	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	87.020%
36) 1,2-Dichloropropane-d6	6.697	67	130147	41.766	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	83.540%
41) Toluene-d8	7.902	98	374572	45.418	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	90.840%
43) trans-1,3-Dichloroprop...	8.185	79	64321	46.403	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	92.800%
47) 2-Hexanone-d5	8.635	63	139937	81.036	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	81.040%
56) 1,1,2,2-Tetrachloroeth...	10.761	84	197793	40.762	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	81.520%
66) 1,2-Dichlorobenzene-d4	12.198	152	139638	44.879	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	89.760%
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.388	85	124815	44.998	ug/L	99
3) Chloromethane	1.520	50	132171	38.228	ug/L	99
5) Vinyl chloride	1.607	62	141701	41.833	ug/L	99
6) Bromomethane	1.845	94	69136	42.554	ug/L	100
8) Chloroethane	1.928	64	90787	42.704	ug/L	100
9) Trichlorofluoromethane	2.137	101	177767	45.852	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.581	101	112776	46.086	ug/L	98
12) 1,1-Dichloroethene	2.581	96	104236	46.465	ug/L	96
13) Acetone	2.632	43	218121	75.263	ug/L	99
14) Carbon disulfide	2.796	76	310579	43.215	ug/L	100
15) Methyl Acetate	2.951	43	150108	41.997	ug/L	95
16) Methylene chloride	3.050	84	125012	43.986	ug/L	92
17) trans-1,2-Dichloroethene	3.356	96	112018	47.402	ug/L	97
18) Methyl tert-butyl Ether	3.369	73	384395	49.331	ug/L	99
19) 1,1-Dichloroethane	3.874	63	221528	45.060	ug/L	99
20) cis-1,2-Dichloroethene	4.671	96	124966	47.989	ug/L	91
22) 2-Butanone	4.706	43	259776	80.088	ug/L	97
23) Bromochloromethane	4.980	128	60448	45.791	ug/L	93
25) Chloroform	5.095	83	219129	44.835	ug/L	100

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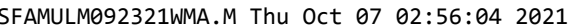
Instrument :
 MSVOA_U
 ClientSampleId :

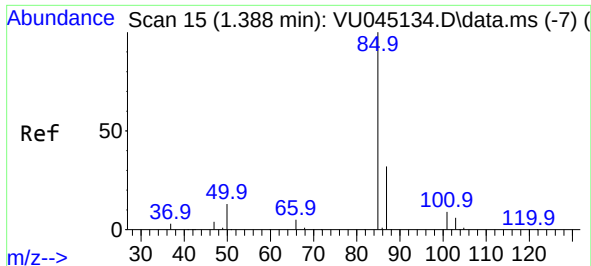
Quant Time: Oct 07 02:56:00 2021
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 Quant Title : VOC Analysis
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.800	62	186420	45.603	ug/L	99
29) Cyclohexane	5.394	56	202411	48.894	ug/L	96
30) 1,1,1-Trichloroethane	5.320	97	182054	47.753	ug/L	98
31) Carbon tetrachloride	5.529	117	142037	47.170	ug/L	99
33) Benzene	5.780	78	487058	47.682	ug/L	100
34) Trichloroethene	6.545	95	118521	48.307	ug/L	98
35) Methylcyclohexane	6.767	83	206686	50.317	ug/L	97
37) 1,2-Dichloropropane	6.796	63	127643	45.895	ug/L	100
38) Bromodichloromethane	7.111	83	165139	48.440	ug/L	100
39) cis-1,3-Dichloropropene	7.613	75	198523	49.887	ug/L	100
40) 4-Methyl-2-pentanone	7.796	43	415018	89.329	ug/L	97
42) Toluene	7.973	91	513409	49.467	ug/L	99
44) trans-1,3-Dichloropropene	8.214	75	189163	49.991	ug/L	99
45) 1,1,2-Trichloroethane	8.404	97	120405	47.771	ug/L	99
46) Tetrachloroethene	8.558	164	82729	47.175	ug/L	98
48) 2-Hexanone	8.687	43	352254	85.501	ug/L	97
49) Dibromochloromethane	8.816	129	117240	47.033	ug/L	100
50) 1,2-Dibromoethane	8.928	107	127443	48.294	ug/L	99
51) Chlorobenzene	9.452	112	307202	47.945	ug/L	100
52) Ethylbenzene	9.574	91	555246	50.642	ug/L	100
53) m,p-Xylene	9.697	106	215322	51.841	ug/L	99
54) o-xylene	10.105	106	211110	51.724	ug/L	100
55) Styrene	10.118	104	361959	51.569	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.787	83	218497	45.275	ug/L	99
59) Bromoform	10.295	173	83027	46.825	ug/L	100
60) 1,2,3-Trichloropropane	10.828	75	180364	45.612	ug/L	100
61) Isopropylbenzene	10.487	105	550276	52.591	ug/L	100
62) 1,3,5-Trimethylbenzene	11.092	105	482126	55.174	ug/L	99
63) 1,2,4-Trimethylbenzene	11.471	105	492360	55.024	ug/L	99
64) 1,3-Dichlorobenzene	11.748	146	240954	49.831	ug/L	98
65) 1,4-Dichlorobenzene	11.838	146	242370	48.854	ug/L	100
67) 1,2-Dichlorobenzene	12.217	146	242646	48.881	ug/L	98
68) 1,2-Dibromo-3-chloropr...	13.002	75	54763	48.190	ug/L	96
69) 1,3,5-Trichlorobenzene	13.224	180	174058	51.869	ug/L	99
70) 1,2,4-trichlorobenzene	13.844	180	151271	54.247	ug/L	99
71) Naphthalene	14.089	128	544702	56.368	ug/L	99
72) 1,2,3-Trichlorobenzene	14.333	180	151820	53.212	ug/L	98

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

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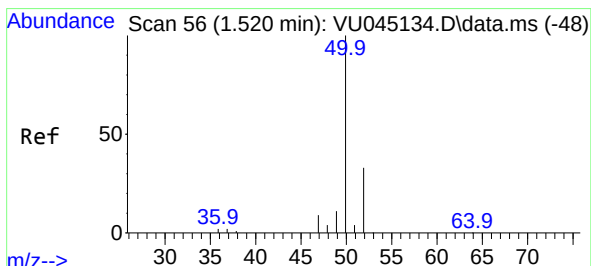
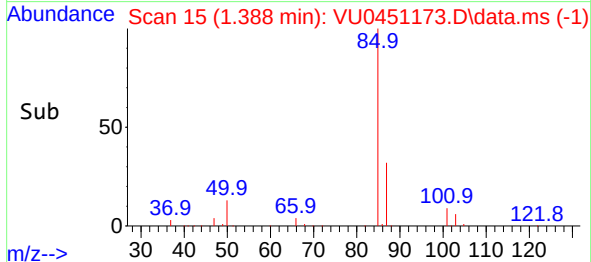
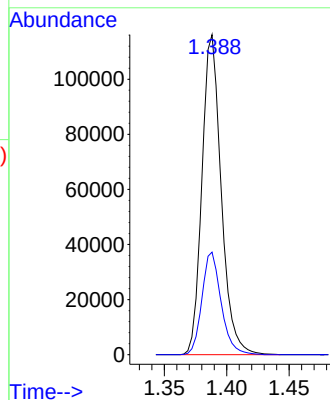
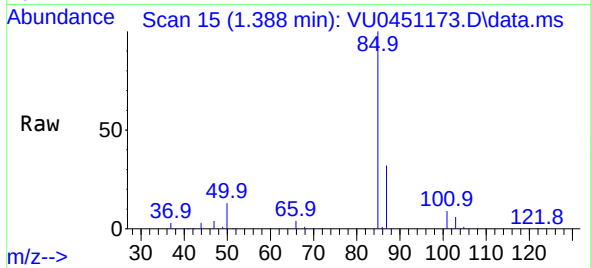




#2
Dichlorodifluoromethane
Concen: 44.998 ug/L
RT: 1.388 min Scan# 15
Delta R.T. -0.000 min
Lab File: VU0451173.D
Acq: 06 Oct 2021 10:05

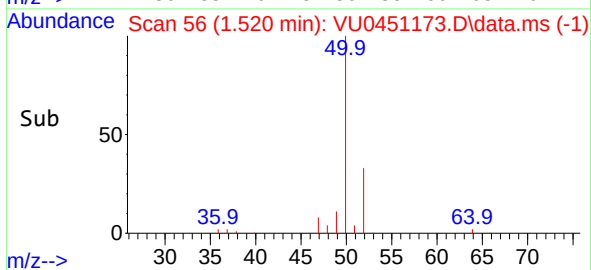
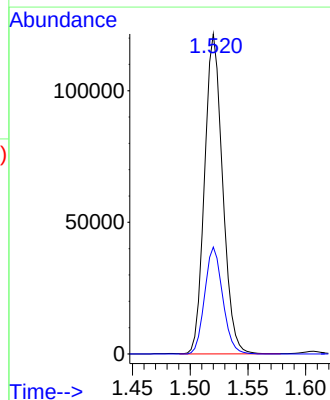
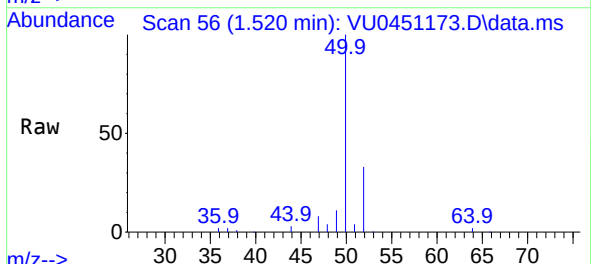
Instrument :
MSVOA_U
ClientSampleId :

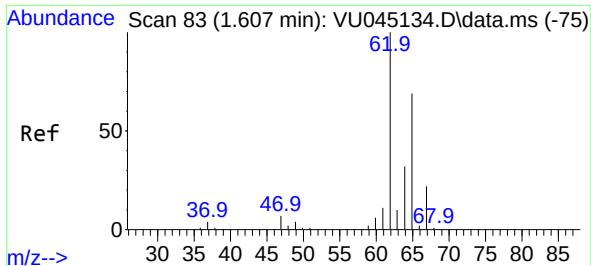
Tgt Ion: 85 Resp: 124815
Ion Ratio Lower Upper
85 100
87 32.0 25.2 37.8



#3
Chloromethane
Concen: 38.228 ug/L
RT: 1.520 min Scan# 56
Delta R.T. -0.000 min
Lab File: VU0451173.D
Acq: 06 Oct 2021 10:05

Tgt Ion: 50 Resp: 132171
Ion Ratio Lower Upper
50 100
52 33.4 23.0 42.8

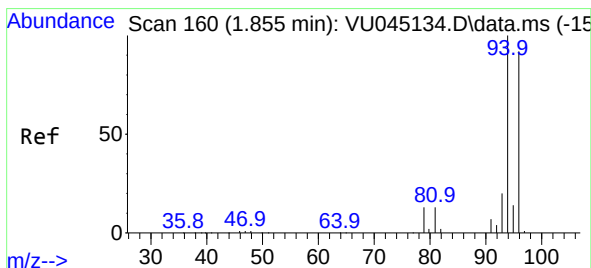
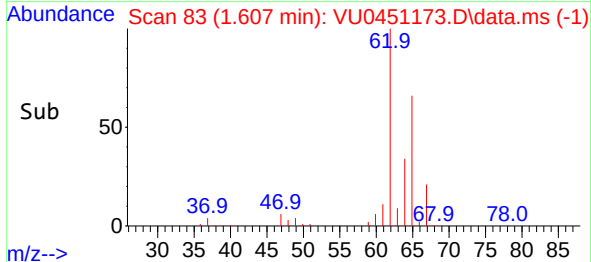
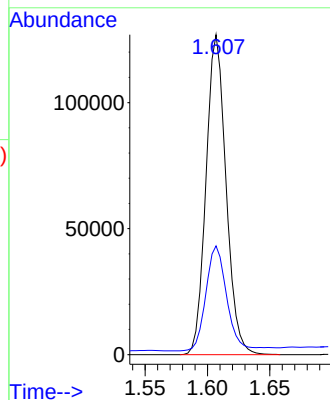
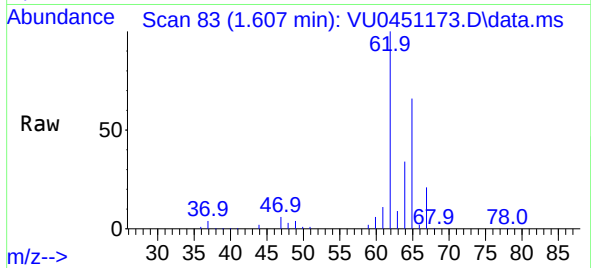




#5
 Vinyl chloride
 Concen: 41.833 ug/L
 RT: 1.607 min Scan# 83
 Delta R.T. -0.000 min
 Lab File: VU0451173.D
 Acq: 06 Oct 2021 10:05

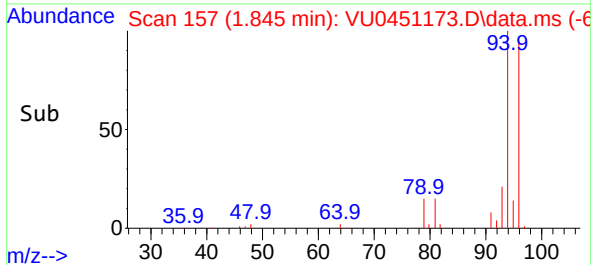
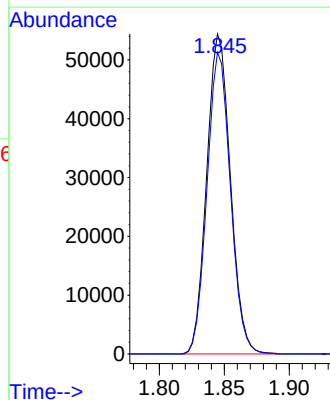
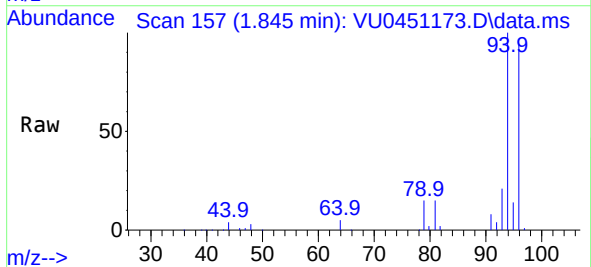
Instrument :
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 ClientSampled :

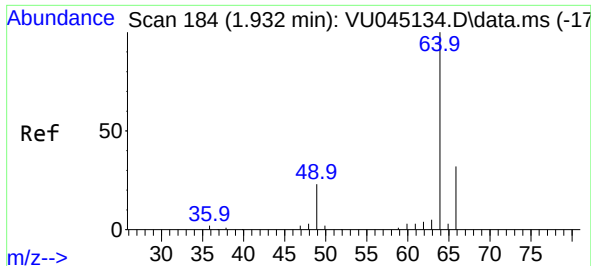
Tgt Ion: 62 Resp: 141701
 Ion Ratio Lower Upper
 62 100
 64 34.0 23.4 43.6



#6
 Bromomethane
 Concen: 42.554 ug/L
 RT: 1.845 min Scan# 157
 Delta R.T. -0.010 min
 Lab File: VU0451173.D
 Acq: 06 Oct 2021 10:05

Tgt Ion: 94 Resp: 69136
 Ion Ratio Lower Upper
 94 100
 96 94.2 65.7 121.9

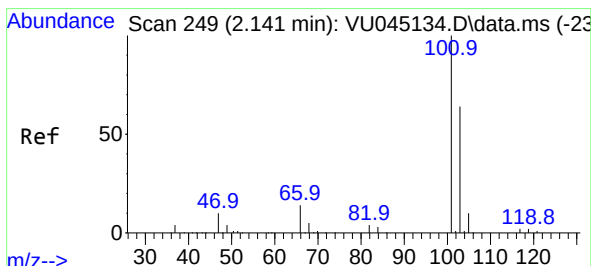
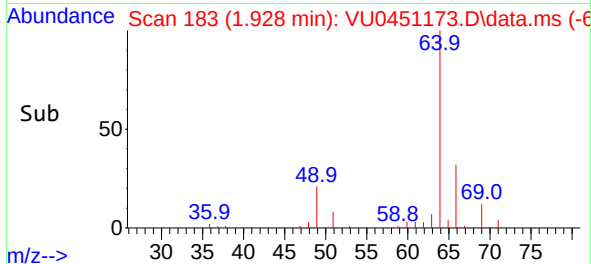
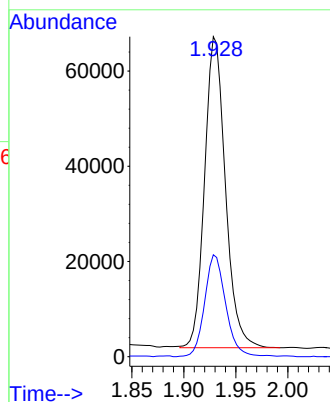
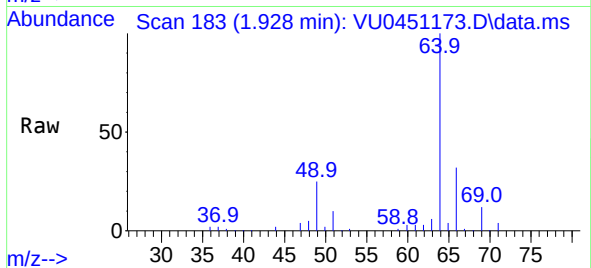




#8
Chloroethane
Concen: 42.704 ug/L
RT: 1.928 min Scan# 183
Delta R.T. -0.003 min
Lab File: VU0451173.D
Acq: 06 Oct 2021 10:05

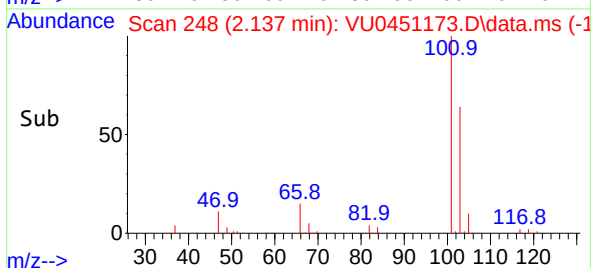
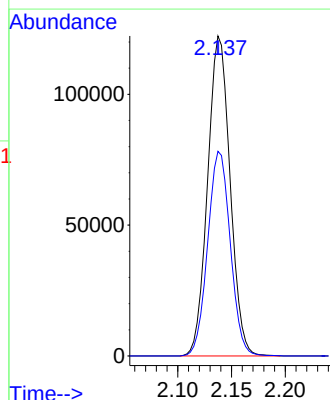
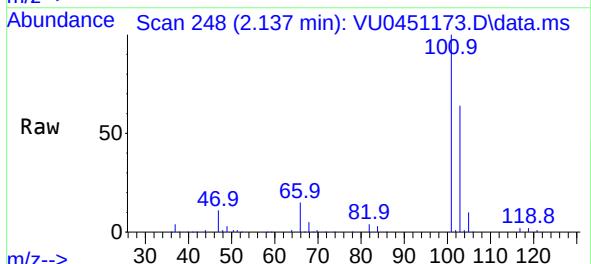
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MSVOA_U
ClientSampled :

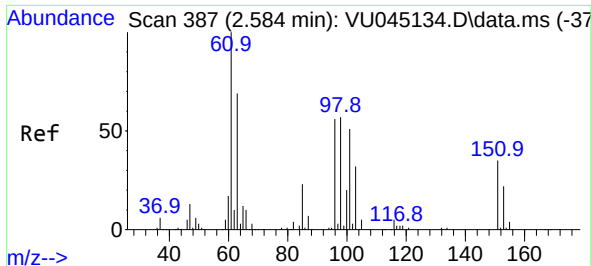
Tgt Ion: 64 Resp: 90787
Ion Ratio Lower Upper
64 100
66 31.9 22.3 41.3



#9
Trichlorofluoromethane
Concen: 45.852 ug/L
RT: 2.137 min Scan# 248
Delta R.T. -0.003 min
Lab File: VU0451173.D
Acq: 06 Oct 2021 10:05

Tgt Ion:101 Resp: 177767
Ion Ratio Lower Upper
101 100
103 64.3 50.9 76.3





#10

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

Concen: 46.086 ug/L

RT: 2.581 min Scan# 386

Delta R.T. -0.003 min

Lab File: VU0451173.D

Acq: 06 Oct 2021 10:05

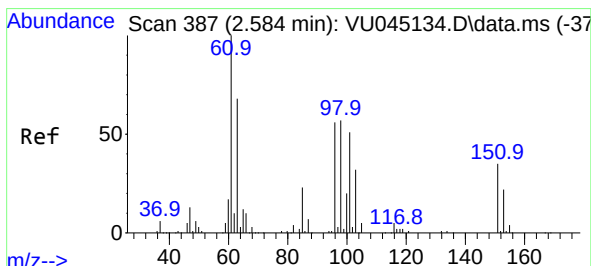
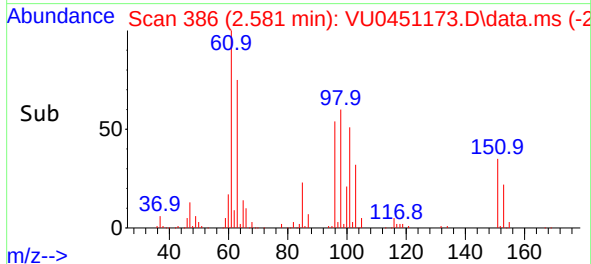
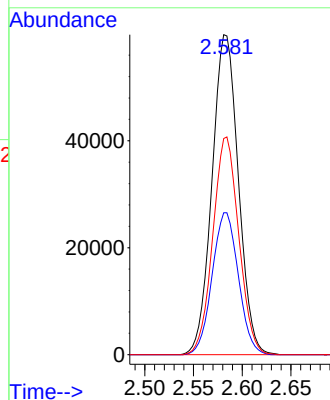
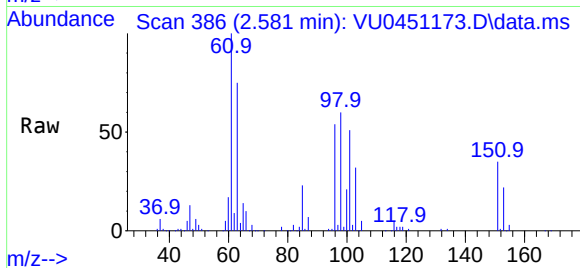
Tgt Ion:101 Resp: 112776

Ion Ratio Lower Upper

101 100

85 44.1 36.4 54.6

151 67.0 54.4 81.6



#12

1,1-Dichloroethene

Concen: 46.465 ug/L

RT: 2.581 min Scan# 386

Delta R.T. -0.003 min

Lab File: VU0451173.D

Acq: 06 Oct 2021 10:05

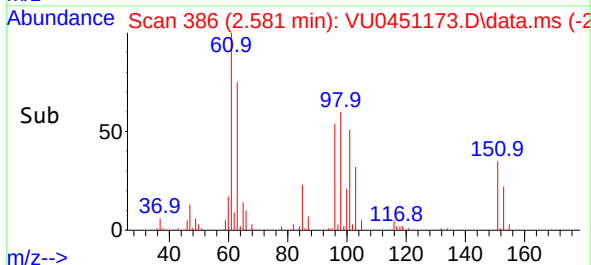
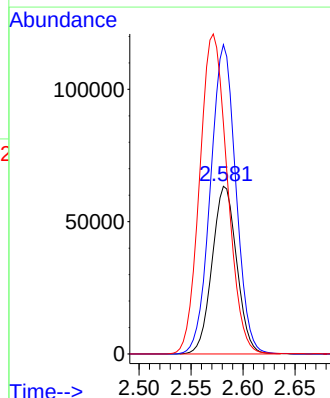
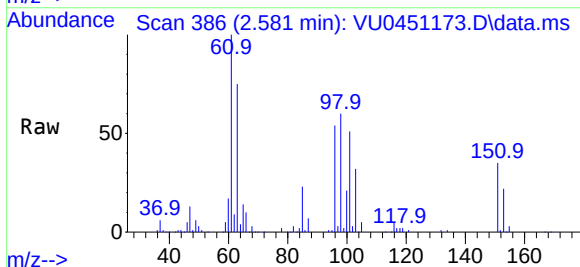
Tgt Ion: 96 Resp: 104236

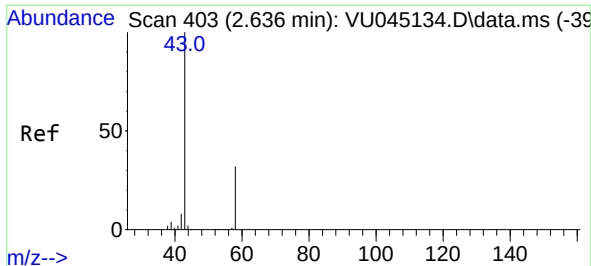
Ion Ratio Lower Upper

96 100

61 184.4 131.3 243.9

63 137.6 102.5 190.3

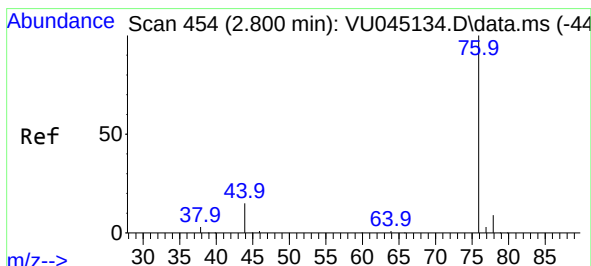
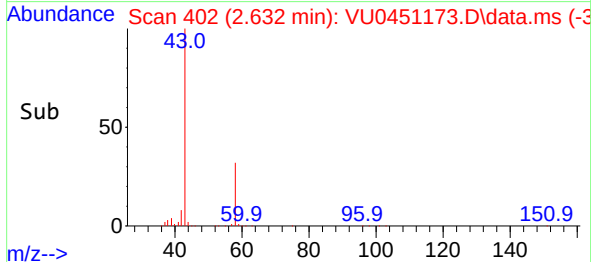
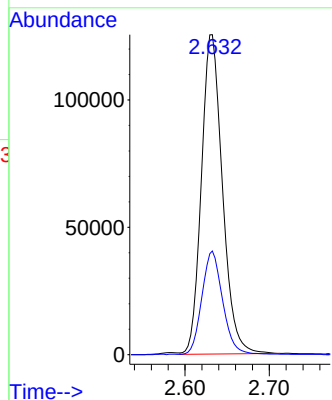
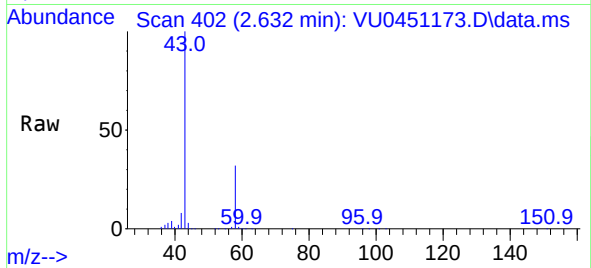




#13
Acetone
Concen: 75.263 ug/L
RT: 2.632 min Scan# 402
Delta R.T. -0.003 min
Lab File: VU0451173.D
Acq: 06 Oct 2021 10:05

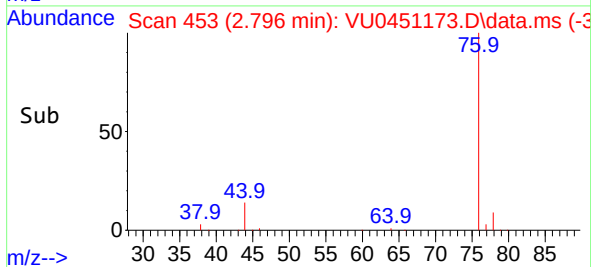
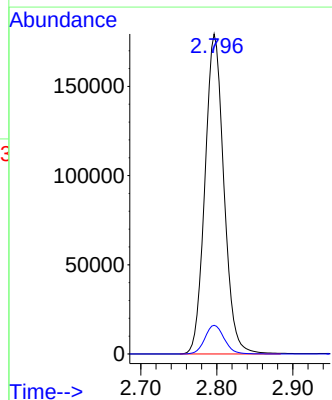
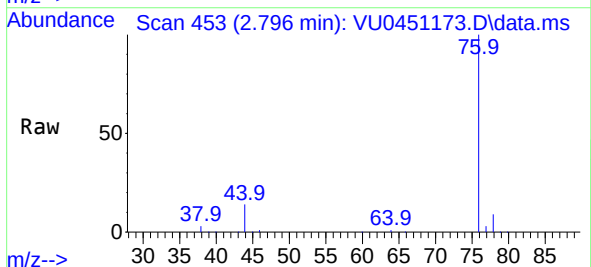
Instrument :
MSVOA_U
ClientSampled :

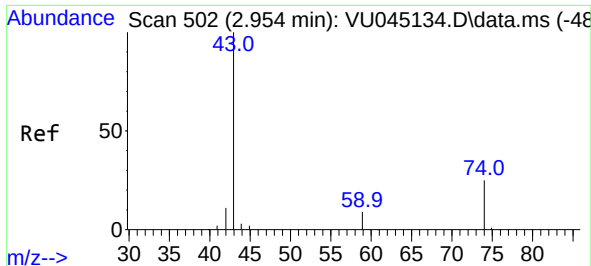
Tgt Ion: 43 Resp: 218121
Ion Ratio Lower Upper
43 100
58 31.9 0.0 62.8



#14
Carbon disulfide
Concen: 43.215 ug/L
RT: 2.796 min Scan# 453
Delta R.T. -0.003 min
Lab File: VU0451173.D
Acq: 06 Oct 2021 10:05

Tgt Ion: 76 Resp: 310579
Ion Ratio Lower Upper
76 100
78 9.0 7.3 10.9

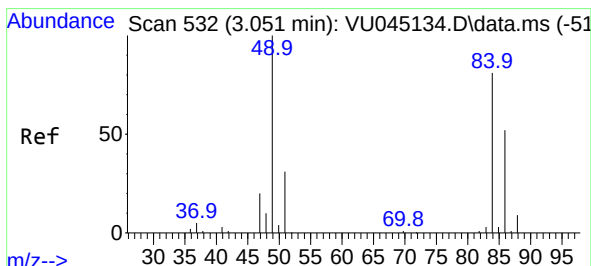
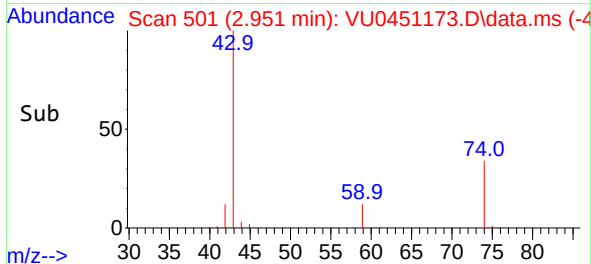
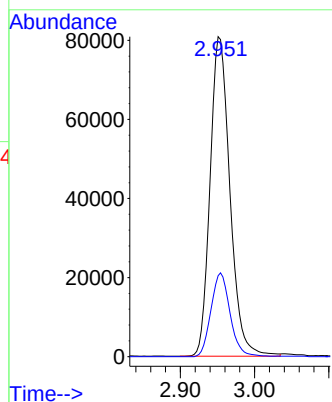
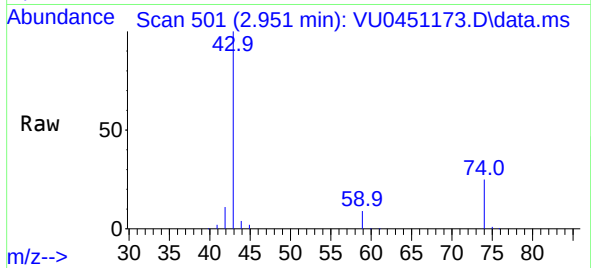




#15
Methyl Acetate
Concen: 41.997 ug/L
RT: 2.951 min Scan# 501
Delta R.T. -0.003 min
Lab File: VU0451173.D
Acq: 06 Oct 2021 10:05

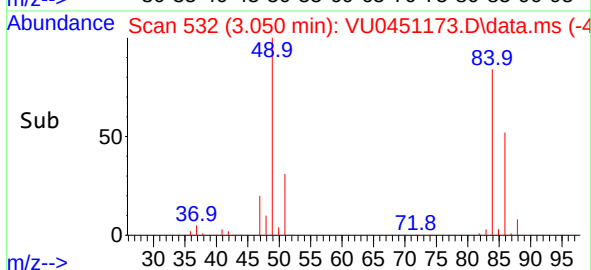
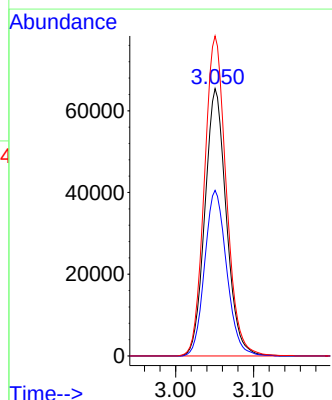
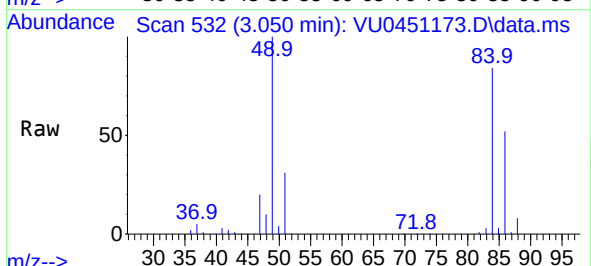
Instrument :
MSVOA_U
ClientSampleId :

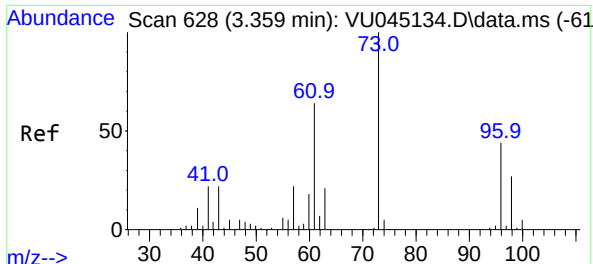
Tgt Ion: 43 Resp: 150108
Ion Ratio Lower Upper
43 100
74 25.2 18.4 27.6



#16
Methylene chloride
Concen: 43.986 ug/L
RT: 3.050 min Scan# 532
Delta R.T. -0.000 min
Lab File: VU0451173.D
Acq: 06 Oct 2021 10:05

Tgt Ion: 84 Resp: 125012
Ion Ratio Lower Upper
84 100
86 61.9 44.7 83.1
49 119.7 92.9 172.5

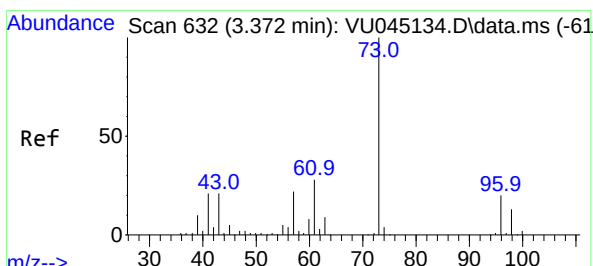
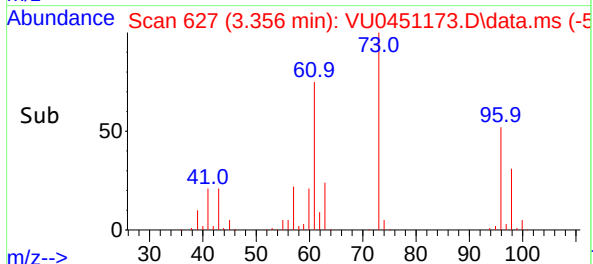
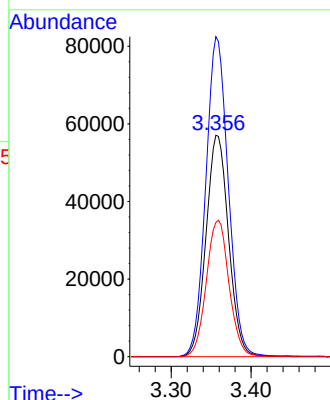
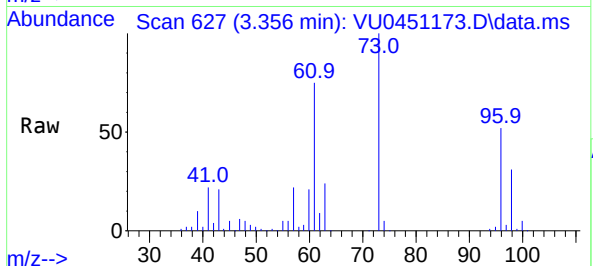




#17
trans-1,2-Dichloroethene
Concen: 47.402 ug/L
RT: 3.356 min Scan# 627
Delta R.T. -0.003 min
Lab File: VU0451173.D
Acq: 06 Oct 2021 10:05

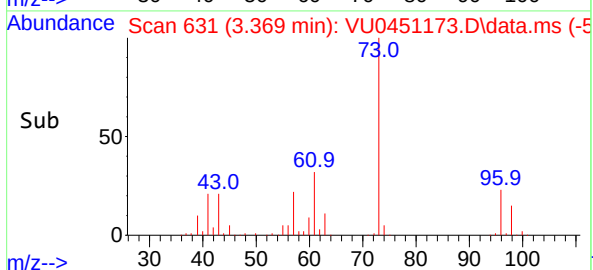
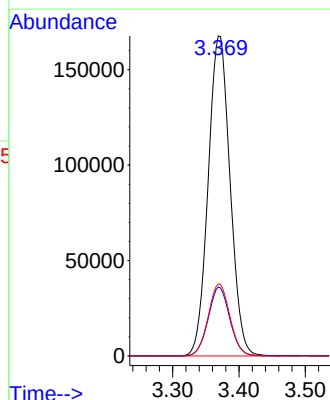
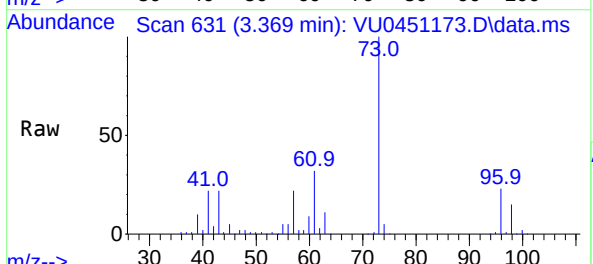
Instrument :
MSVOA_U
ClientSampleId :

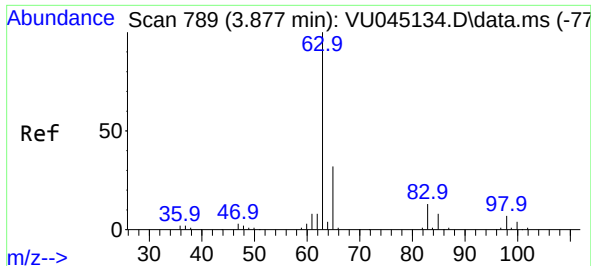
Tgt Ion: 96 Resp: 112018
Ion Ratio Lower Upper
96 100
61 144.5 105.1 195.3
98 60.7 43.0 79.8



#18
Methyl tert-butyl Ether
Concen: 49.331 ug/L
RT: 3.369 min Scan# 631
Delta R.T. -0.003 min
Lab File: VU0451173.D
Acq: 06 Oct 2021 10:05

Tgt Ion: 73 Resp: 384395
Ion Ratio Lower Upper
73 100
43 21.2 17.3 25.9
57 22.4 18.7 28.1



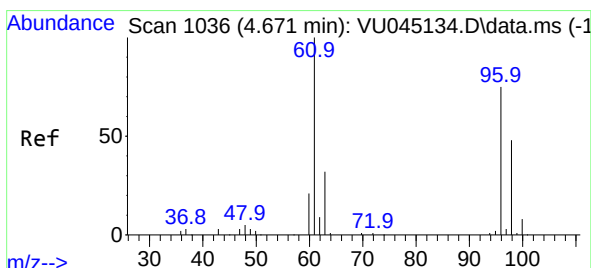
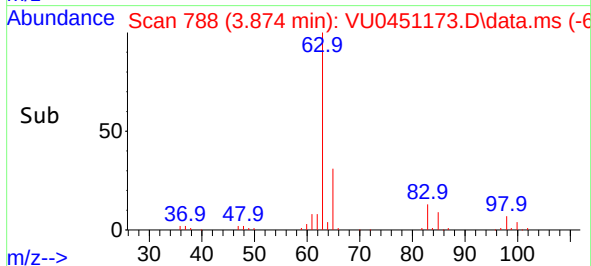
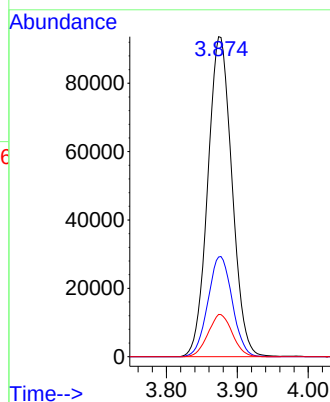
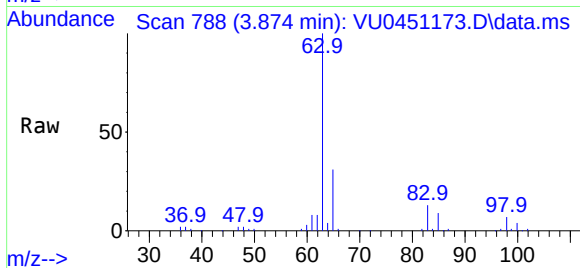


#19
1,1-Dichloroethane
Concen: 45.060 ug/L
RT: 3.874 min Scan# 788
Delta R.T. -0.003 min
Lab File: VU0451173.D
Acq: 06 Oct 2021 10:05

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 63 Resp: 221528

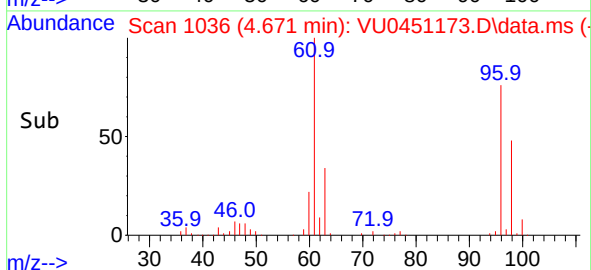
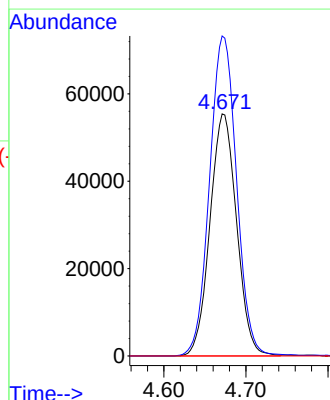
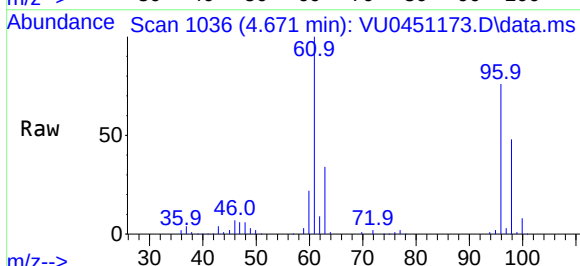
Ion	Ratio	Lower	Upper
63	100		
65	31.2	22.0	40.8
83	13.2	9.0	16.6

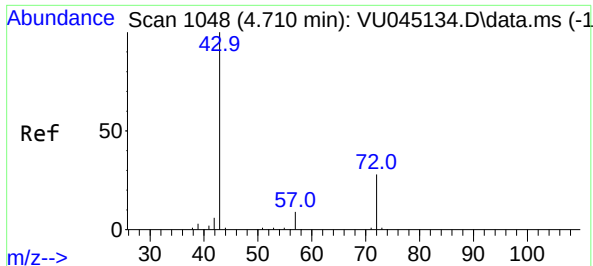


#20
cis-1,2-Dichloroethene
Concen: 47.989 ug/L
RT: 4.671 min Scan# 1036
Delta R.T. -0.000 min
Lab File: VU0451173.D
Acq: 06 Oct 2021 10:05

Tgt Ion: 96 Resp: 124966

Ion	Ratio	Lower	Upper
96	100		
61	132.2	100.2	186.0
68	0.0	0.0	0.0

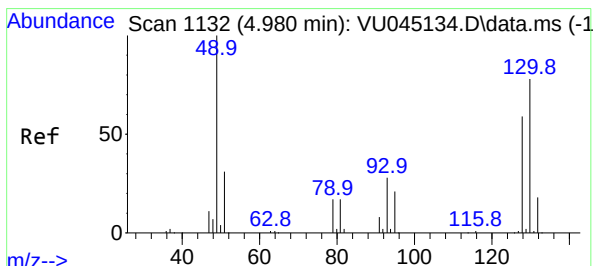
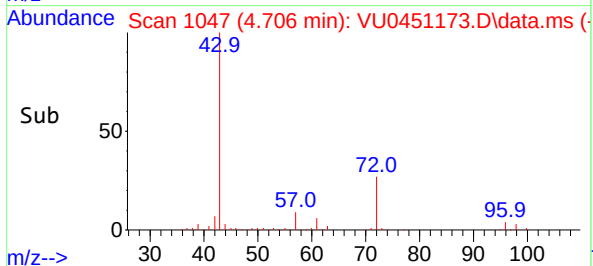
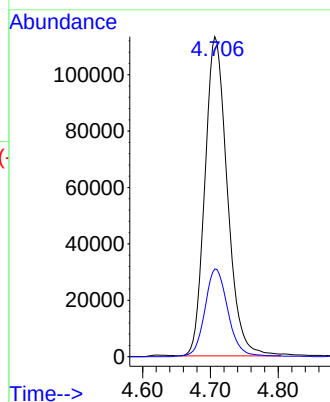
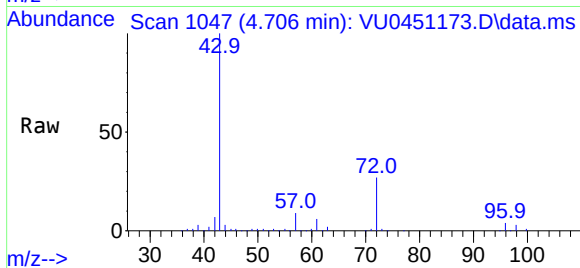




#22
2-Butanone
Concen: 80.088 ug/L
RT: 4.706 min Scan# 1047
Delta R.T. -0.003 min
Lab File: VU0451173.D
Acq: 06 Oct 2021 10:05

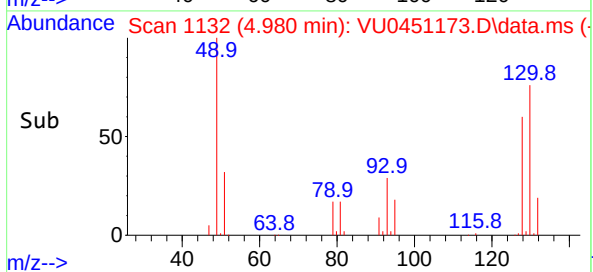
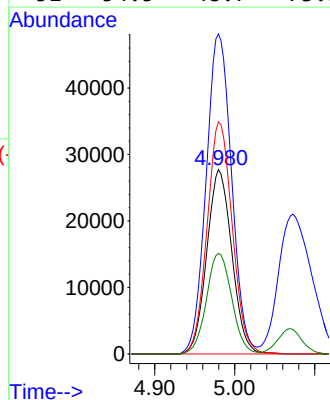
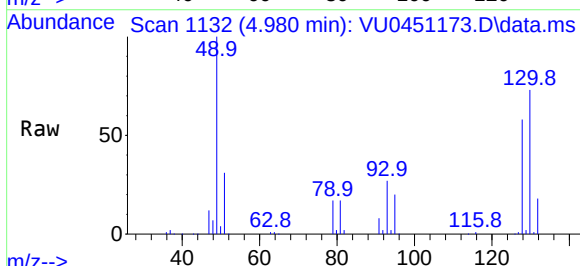
Instrument :
MSVOA_U
ClientSampled :

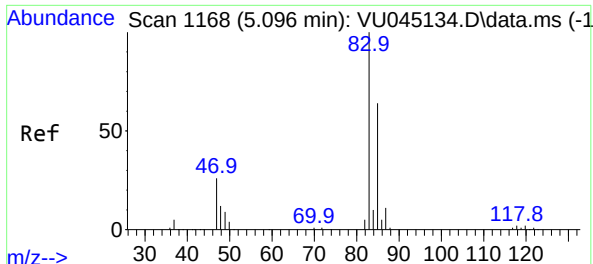
Tgt Ion: 43 Resp: 259776
Ion Ratio Lower Upper
43 100
72 28.3 13.3 39.9



#23
Bromochloromethane
Concen: 45.791 ug/L
RT: 4.980 min Scan# 1132
Delta R.T. -0.000 min
Lab File: VU0451173.D
Acq: 06 Oct 2021 10:05

Tgt Ion:128 Resp: 60448
Ion Ratio Lower Upper
128 100
49 173.5 132.9 246.7
130 125.9 88.2 163.8
51 54.5 48.7 73.1

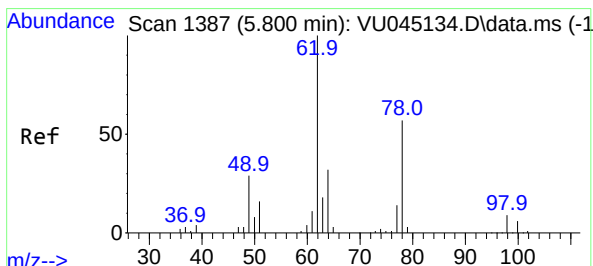
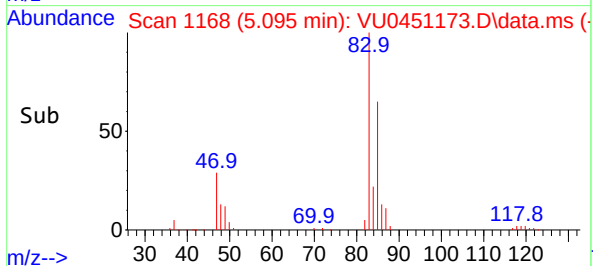
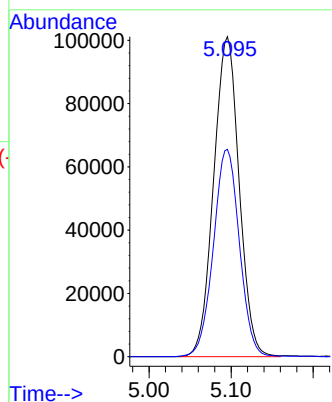
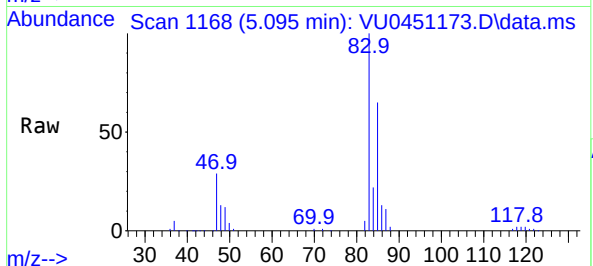




#25
Chloroform
Concen: 44.835 ug/L
RT: 5.095 min Scan# 1168
Delta R.T. -0.000 min
Lab File: VU0451173.D
Acq: 06 Oct 2021 10:05

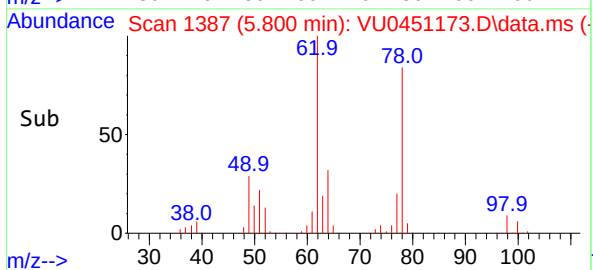
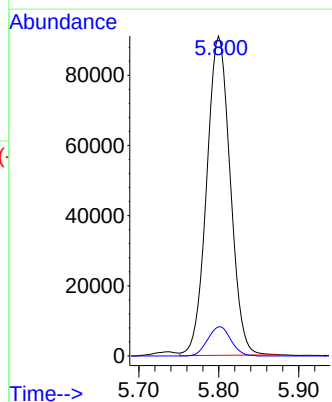
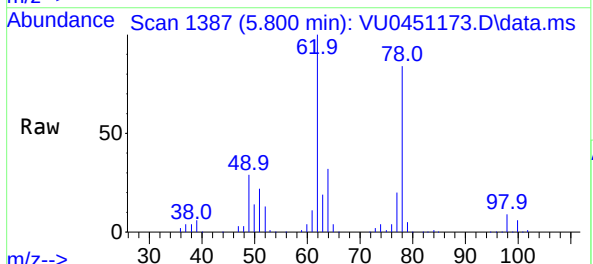
Instrument :
MSVOA_U
ClientSampled :

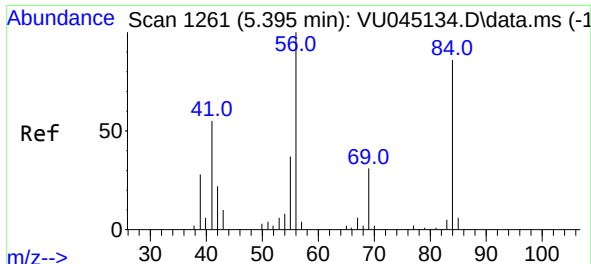
Tgt Ion: 83 Resp: 219129
Ion Ratio Lower Upper
83 100
85 64.8 45.6 84.6



#27
1,2-Dichloroethane
Concen: 45.603 ug/L
RT: 5.800 min Scan# 1387
Delta R.T. -0.000 min
Lab File: VU0451173.D
Acq: 06 Oct 2021 10:05

Tgt Ion: 62 Resp: 186420
Ion Ratio Lower Upper
62 100
98 9.1 7.1 10.7





#29

Cyclohexane

Concen: 48.894 ug/L

RT: 5.394 min Scan# 1261

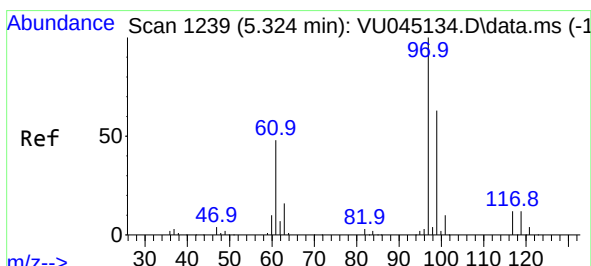
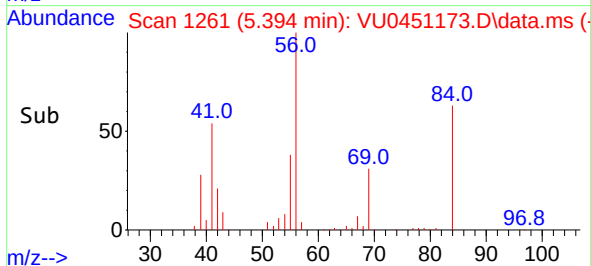
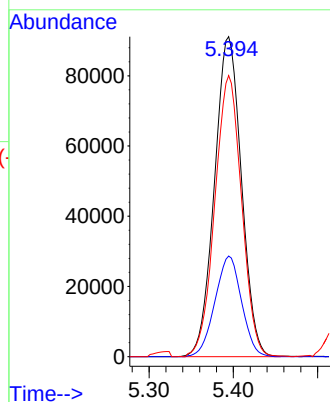
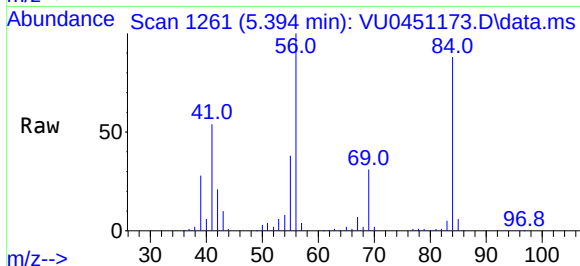
Delta R.T. -0.000 min

Lab File: VU0451173.D

Acq: 06 Oct 2021 10:05

Tgt Ion:	56	Resp:	202411
Ion	Ratio	Lower	Upper
56	100		
69	31.0	23.8	35.8
84	87.1	66.8	100.2

Instrument :
MSVOA_U
ClientSampleId :



#30

1,1,1-Trichloroethane

Concen: 47.753 ug/L

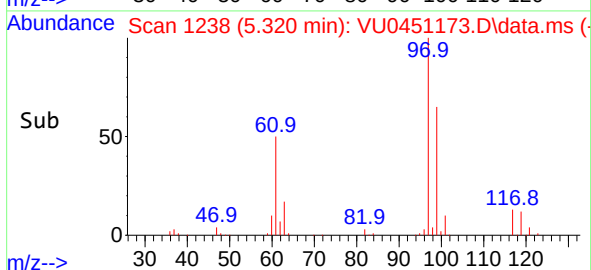
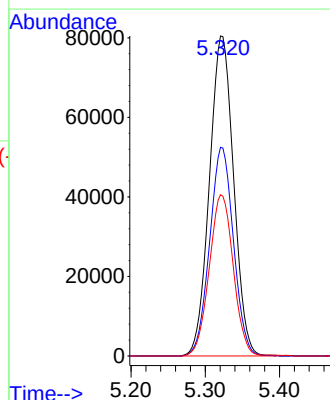
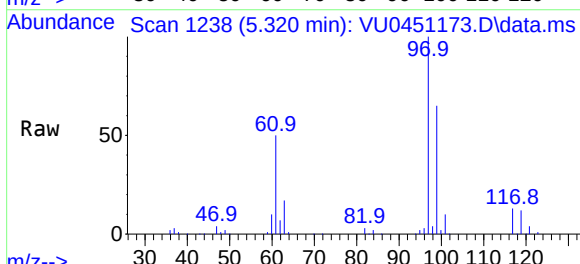
RT: 5.320 min Scan# 1238

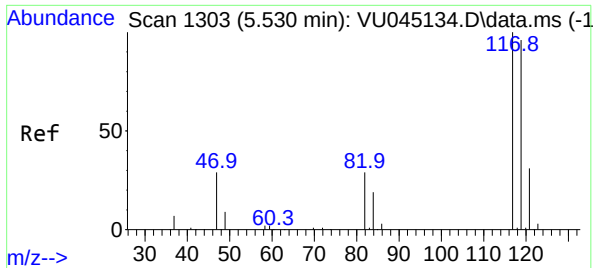
Delta R.T. -0.003 min

Lab File: VU0451173.D

Acq: 06 Oct 2021 10:05

Tgt Ion:	97	Resp:	182054
Ion	Ratio	Lower	Upper
97	100		
99	64.2	50.6	75.8
61	50.0	41.3	61.9

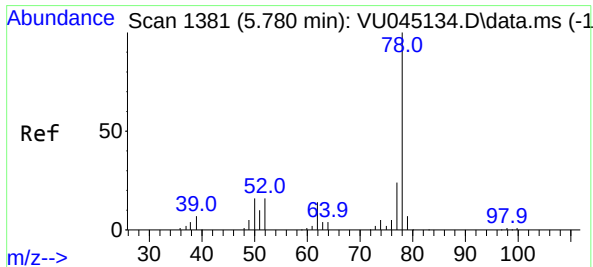
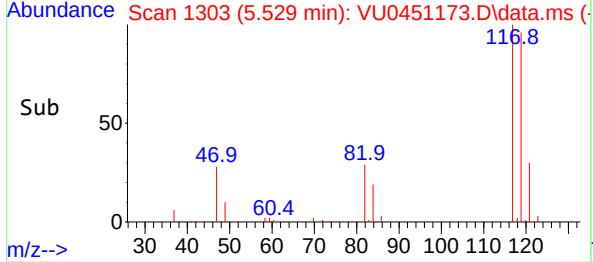
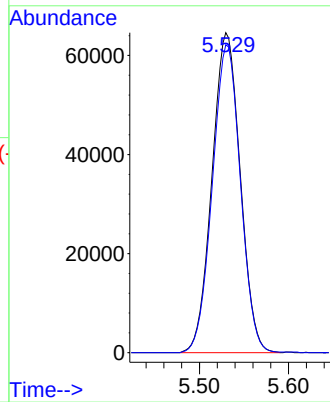
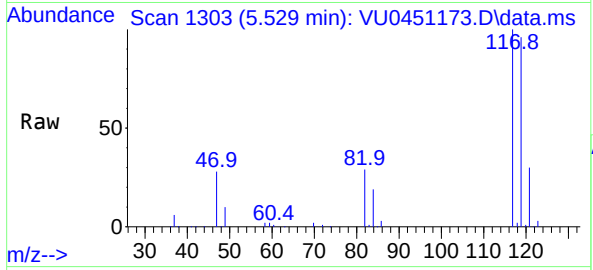




#31
Carbon tetrachloride
Concen: 47.170 ug/L
RT: 5.529 min Scan# 1303
Delta R.T. -0.000 min
Lab File: VU0451173.D
Acq: 06 Oct 2021 10:05

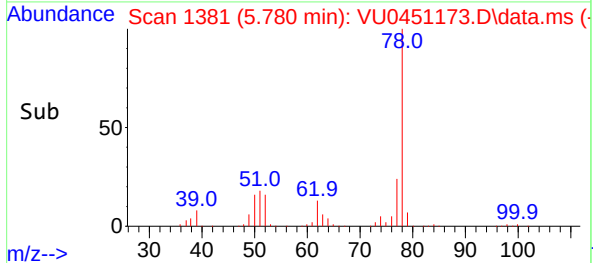
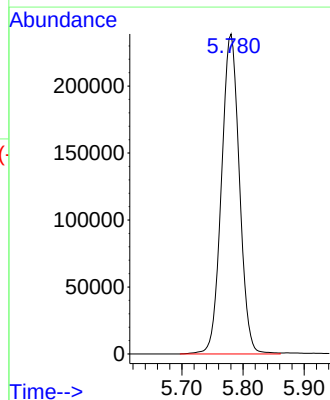
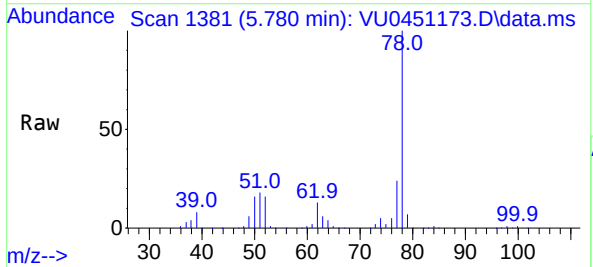
Instrument :
MSVOA_U
ClientSampled :

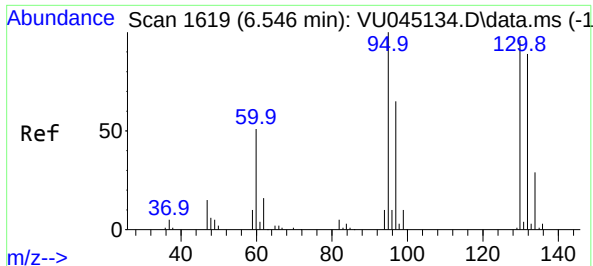
Tgt Ion:117 Resp: 142037
Ion Ratio Lower Upper
117 100
119 95.8 77.7 116.5



#33
Benzene
Concen: 47.682 ug/L
RT: 5.780 min Scan# 1381
Delta R.T. -0.000 min
Lab File: VU0451173.D
Acq: 06 Oct 2021 10:05

Tgt Ion: 78 Resp: 487058

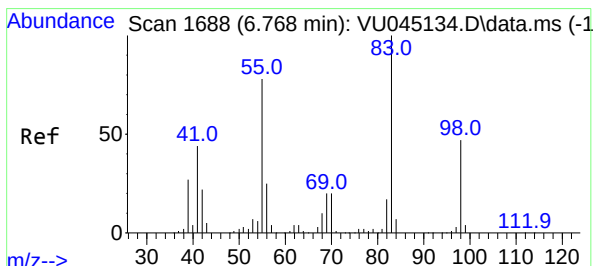
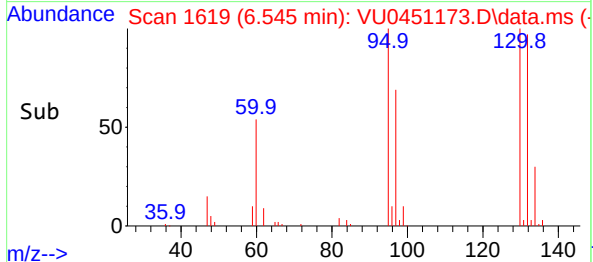
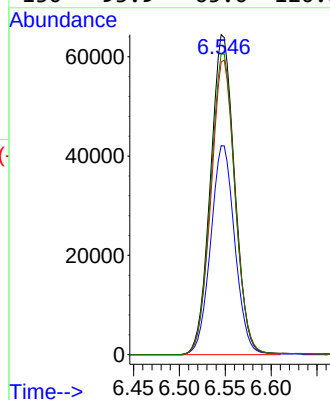
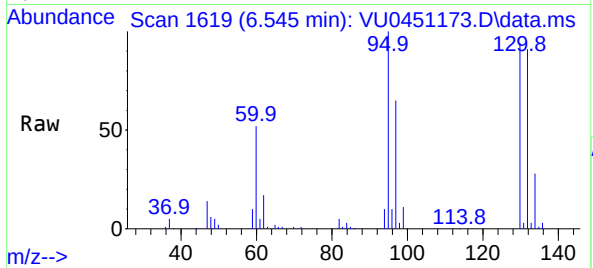




#34
Trichloroethene
Concen: 48.307 ug/L
RT: 6.545 min Scan# 1619
Delta R.T. -0.000 min
Lab File: VU0451173.D
Acq: 06 Oct 2021 10:05

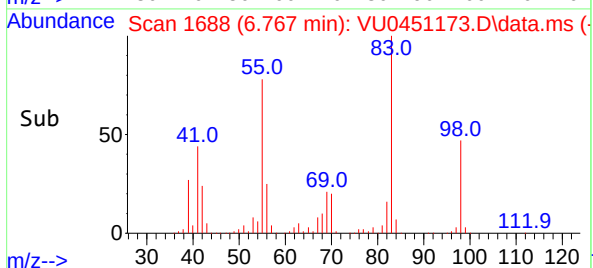
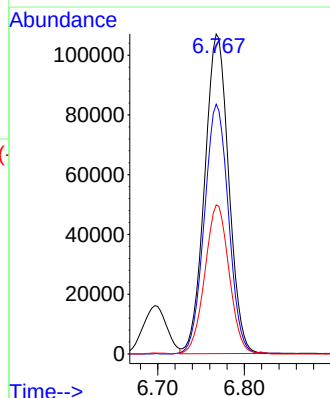
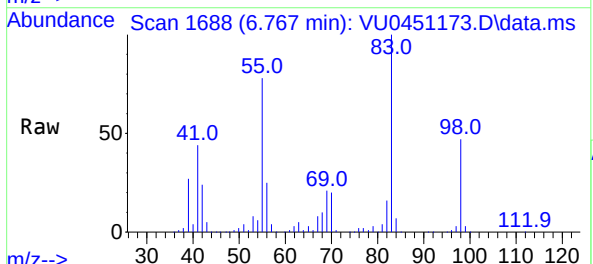
Instrument :
MSVOA_U
ClientSampleId :

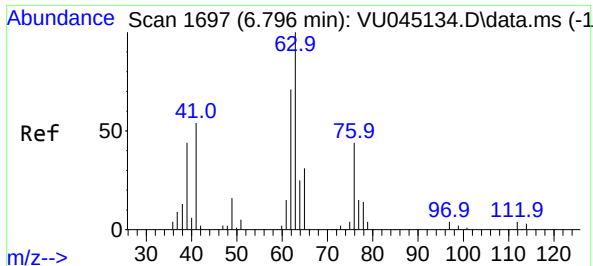
Tgt Ion: 95 Resp: 118521
Ion Ratio Lower Upper
95 100
97 65.3 44.4 82.4
132 91.4 62.9 116.9
130 93.9 65.0 120.8



#35
Methylcyclohexane
Concen: 50.317 ug/L
RT: 6.767 min Scan# 1688
Delta R.T. -0.000 min
Lab File: VU0451173.D
Acq: 06 Oct 2021 10:05

Tgt Ion: 83 Resp: 206686
Ion Ratio Lower Upper
83 100
55 78.6 65.8 98.6
98 47.0 37.1 55.7

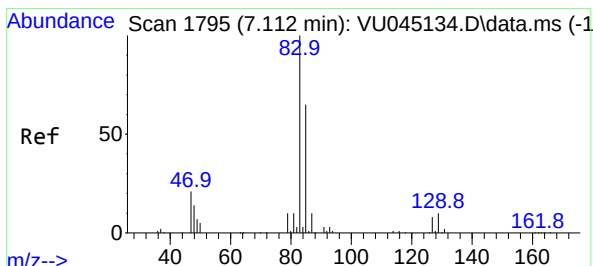
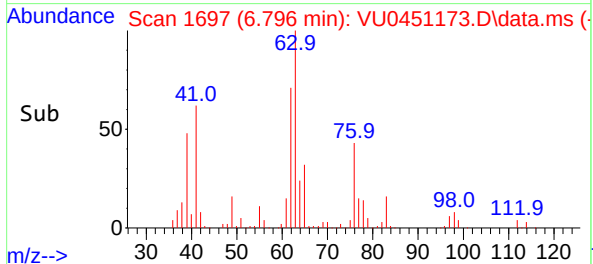
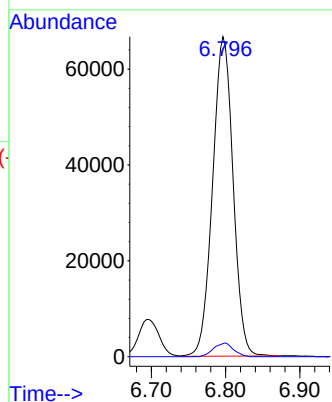
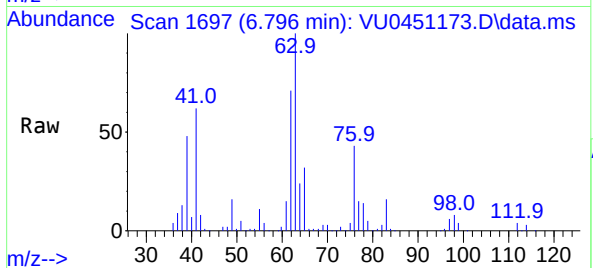




#37
1,2-Dichloropropane
Concen: 45.895 ug/L
RT: 6.796 min Scan# 1697
Delta R.T. -0.000 min
Lab File: VU0451173.D
Acq: 06 Oct 2021 10:05

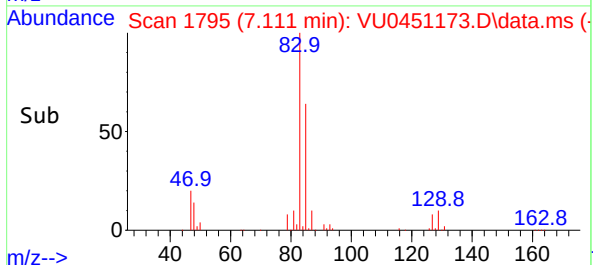
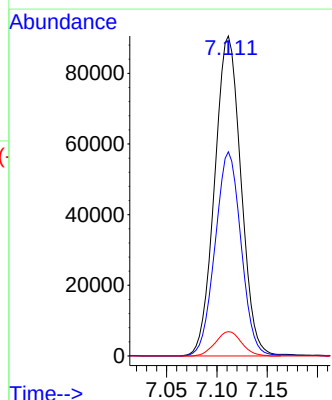
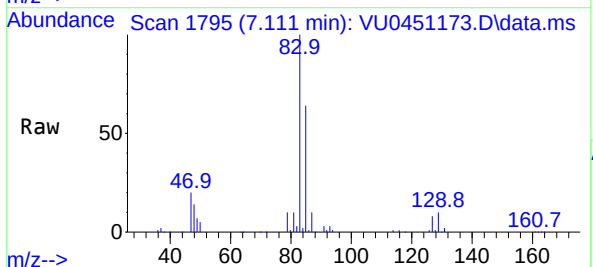
Instrument :
MSVOA_U
ClientSampled :

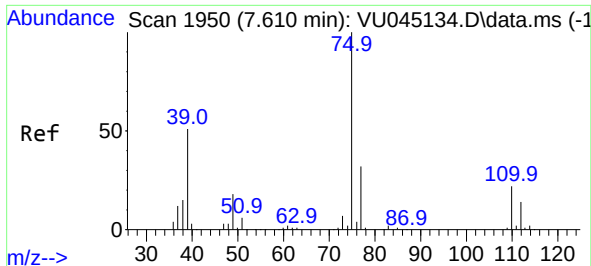
Tgt Ion: 63 Resp: 127643
Ion Ratio Lower Upper
63 100
112 4.2 3.2 4.8



#38
Bromodichloromethane
Concen: 48.440 ug/L
RT: 7.111 min Scan# 1795
Delta R.T. -0.000 min
Lab File: VU0451173.D
Acq: 06 Oct 2021 10:05

Tgt Ion: 83 Resp: 165139
Ion Ratio Lower Upper
83 100
85 63.8 44.6 82.8
127 7.6 6.2 9.2

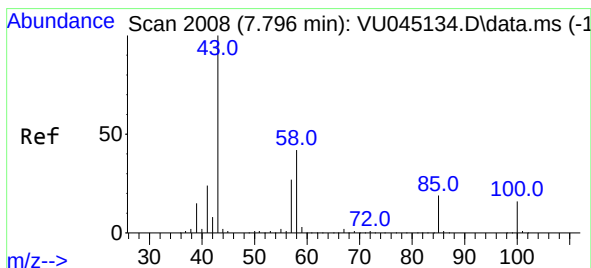
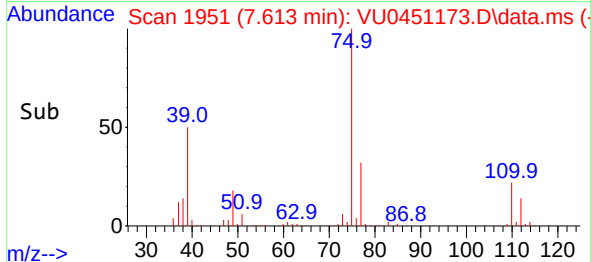
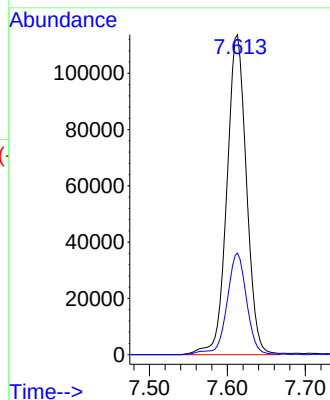
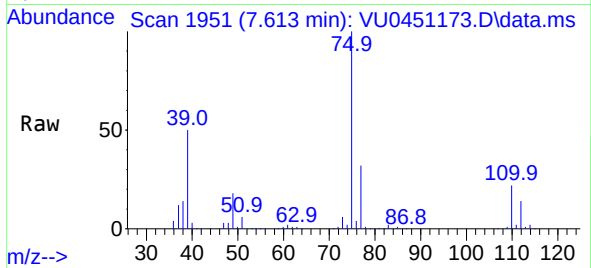




#39
cis-1,3-Dichloropropene
Concen: 49.887 ug/L
RT: 7.613 min Scan# 1951
Delta R.T. 0.003 min
Lab File: VU0451173.D
Acq: 06 Oct 2021 10:05

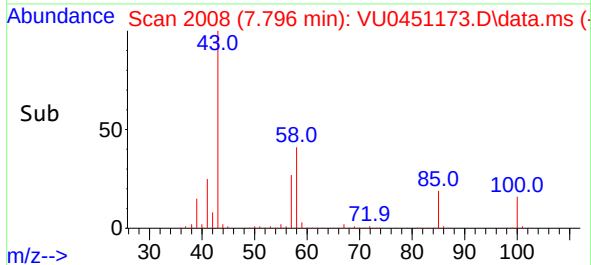
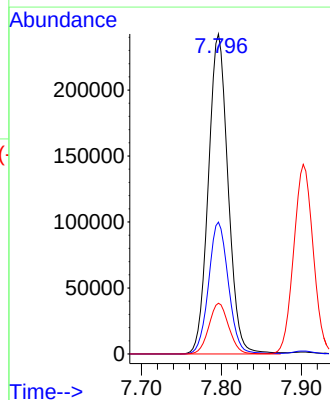
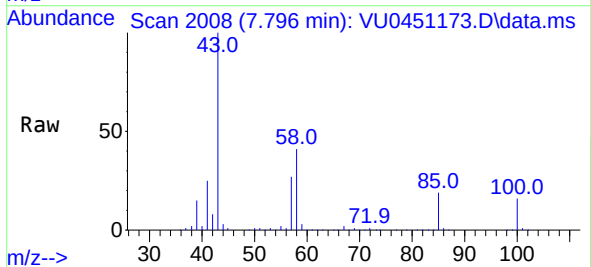
Instrument :
MSVOA_U
ClientSampled :

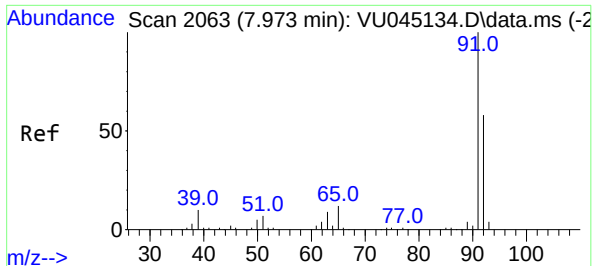
Tgt Ion: 75 Resp: 198523
Ion Ratio Lower Upper
75 100
77 31.8 22.4 41.6



#40
4-Methyl-2-pentanone
Concen: 89.329 ug/L
RT: 7.796 min Scan# 2008
Delta R.T. -0.000 min
Lab File: VU0451173.D
Acq: 06 Oct 2021 10:05

Tgt Ion: 43 Resp: 415018
Ion Ratio Lower Upper
43 100
58 41.5 31.8 47.8
100 16.0 11.8 17.6

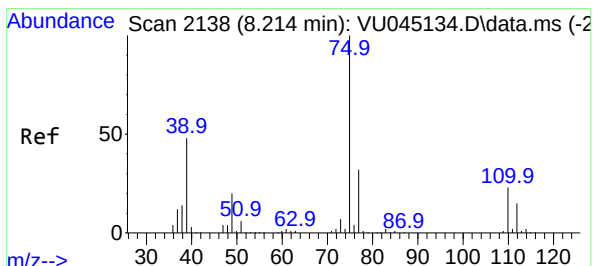
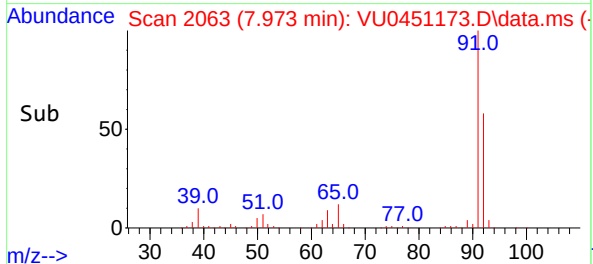
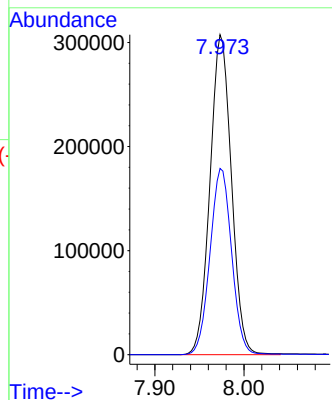
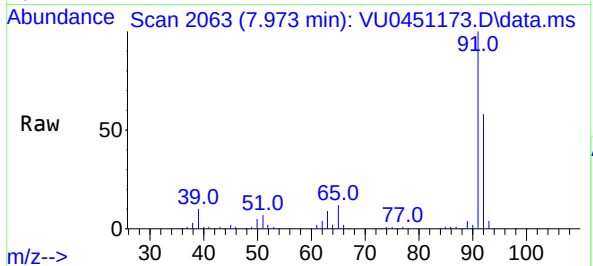




#42
Toluene
Concen: 49.467 ug/L
RT: 7.973 min Scan# 2063
Delta R.T. -0.000 min
Lab File: VU0451173.D
Acq: 06 Oct 2021 10:05

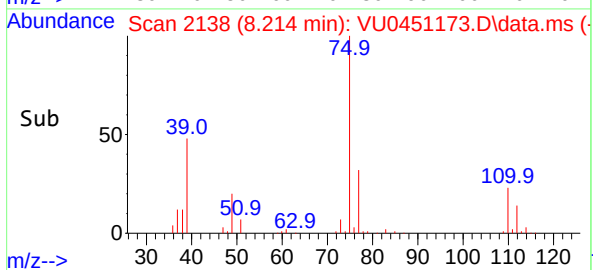
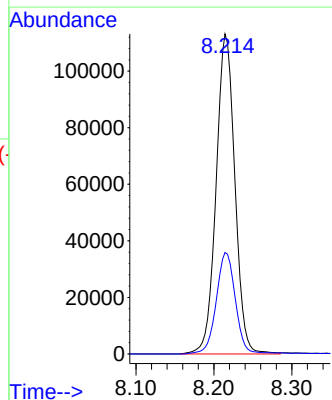
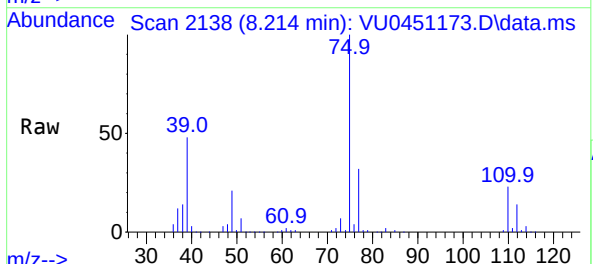
Instrument :
MSVOA_U
ClientSampleId :

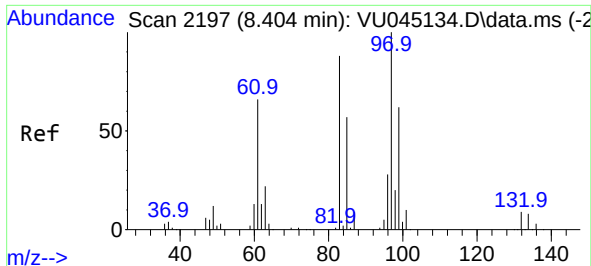
Tgt Ion: 91 Resp: 513409
Ion Ratio Lower Upper
91 100
92 58.2 40.5 75.1



#44
trans-1,3-Dichloropropene
Concen: 49.991 ug/L
RT: 8.214 min Scan# 2138
Delta R.T. -0.000 min
Lab File: VU0451173.D
Acq: 06 Oct 2021 10:05

Tgt Ion: 75 Resp: 189163
Ion Ratio Lower Upper
75 100
77 31.7 21.7 40.3



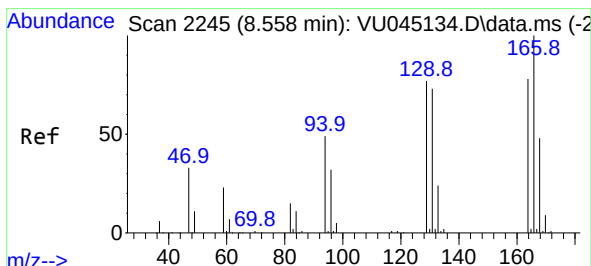
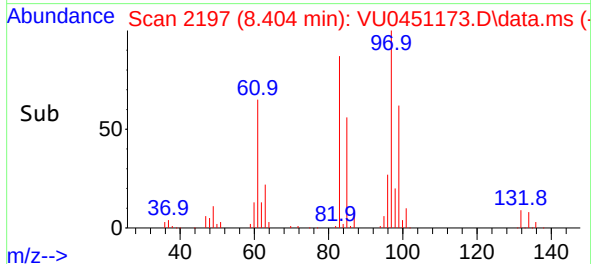
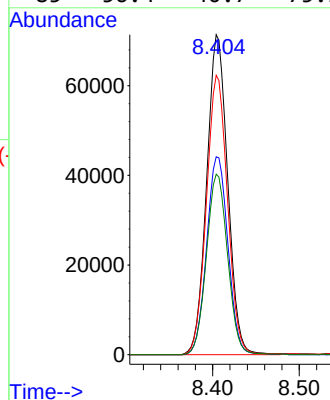
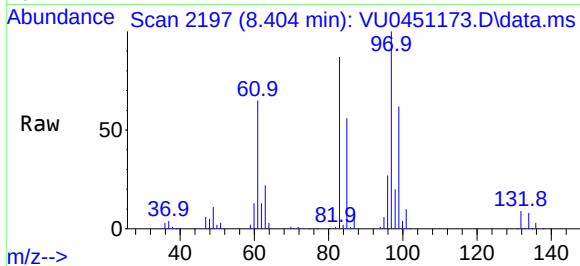


#45
1,1,2-Trichloroethane
Concen: 47.771 ug/L
RT: 8.404 min Scan# 2197
Delta R.T. -0.000 min
Lab File: VU0451173.D
Acq: 06 Oct 2021 10:05

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 97 Resp: 120405

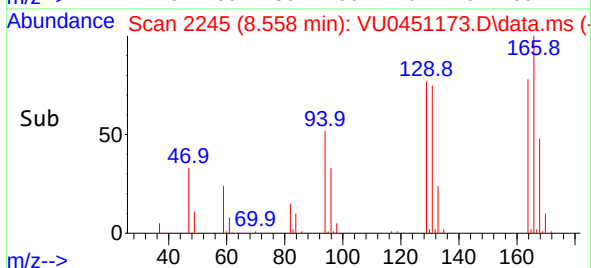
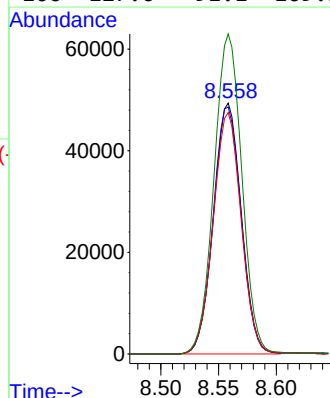
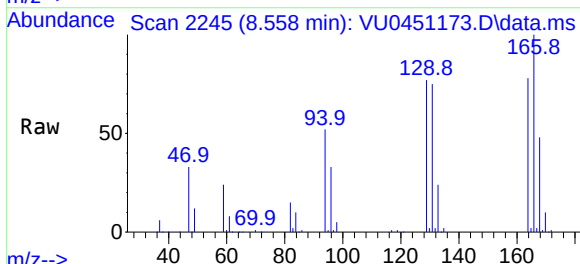
Ion	Ratio	Lower	Upper
97	100		
99	61.9	43.7	81.1
83	87.3	61.9	115.1
85	56.4	40.7	75.5

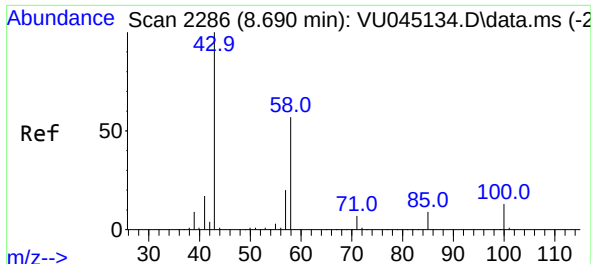


#46
Tetrachloroethene
Concen: 47.175 ug/L
RT: 8.558 min Scan# 2245
Delta R.T. -0.000 min
Lab File: VU0451173.D
Acq: 06 Oct 2021 10:05

Tgt Ion: 164 Resp: 82729

Ion	Ratio	Lower	Upper
164	100		
129	98.5	69.8	129.6
131	96.2	66.4	123.2
166	127.6	91.1	169.3

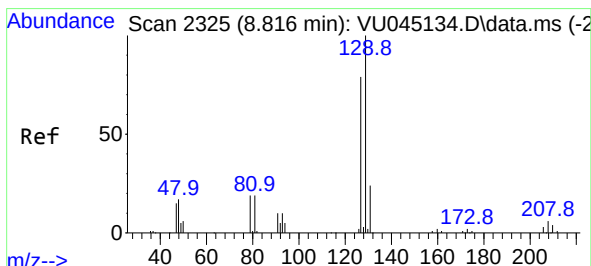
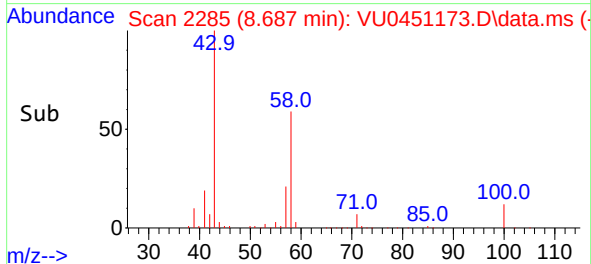
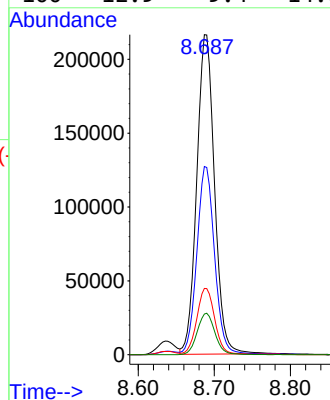
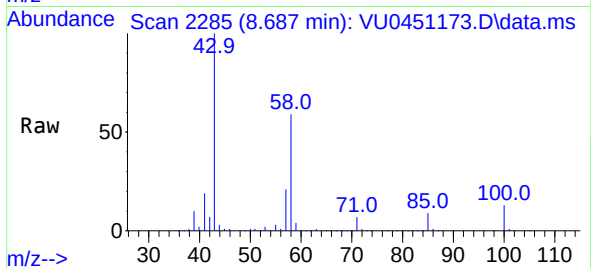




#48
2-Hexanone
Concen: 85.501 ug/L
RT: 8.687 min Scan# 2285
Delta R.T. -0.003 min
Lab File: VU0451173.D
Acq: 06 Oct 2021 10:05

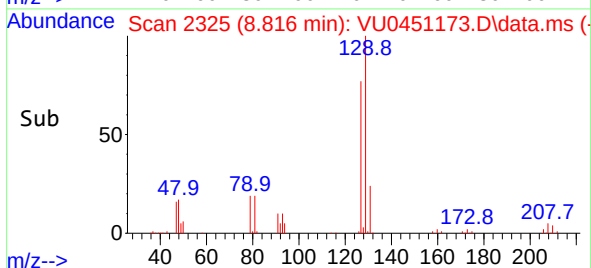
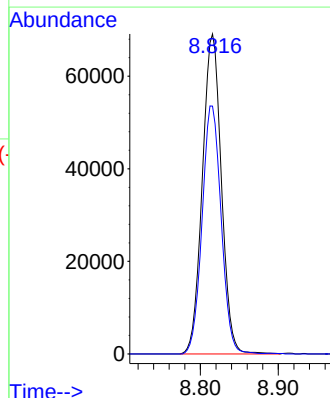
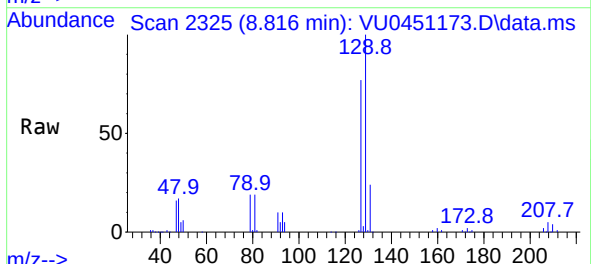
Instrument :
MSVOA_U
ClientSampled :

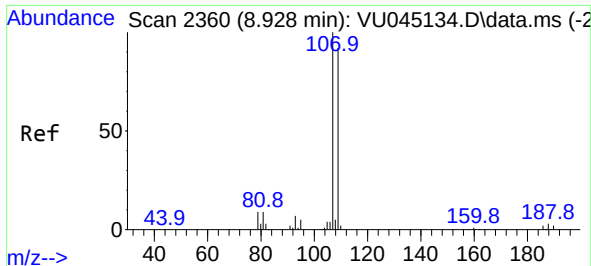
Tgt Ion: 43 Resp: 352254
Ion Ratio Lower Upper
43 100
58 58.5 44.9 67.3
57 20.7 15.5 23.3
100 12.9 9.4 14.0



#49
Dibromochloromethane
Concen: 47.033 ug/L
RT: 8.816 min Scan# 2325
Delta R.T. -0.000 min
Lab File: VU0451173.D
Acq: 06 Oct 2021 10:05

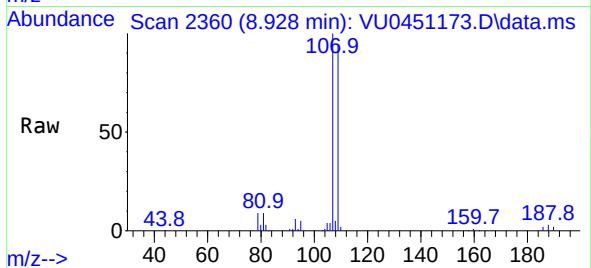
Tgt Ion:129 Resp: 117240
Ion Ratio Lower Upper
129 100
127 77.5 54.3 100.8



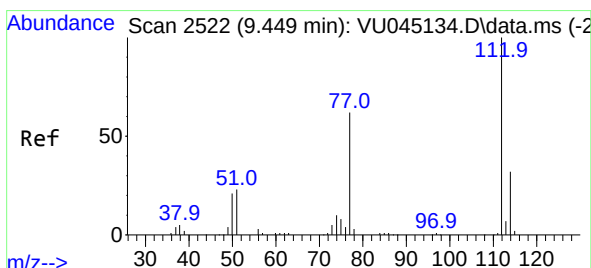
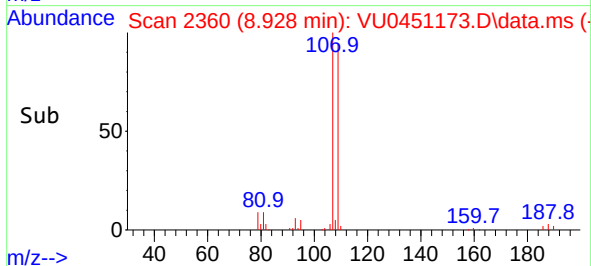
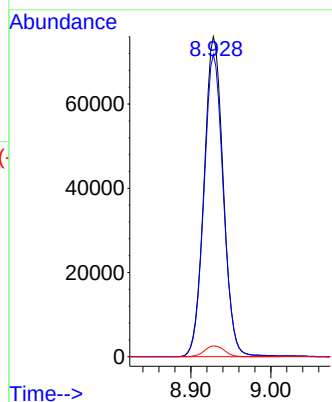


#50
1,2-Dibromoethane
Concen: 48.294 ug/L
RT: 8.928 min Scan# 2360
Delta R.T. -0.000 min
Lab File: VU0451173.D
Acq: 06 Oct 2021 10:05

Instrument :
MSVOA_U
ClientSampled :

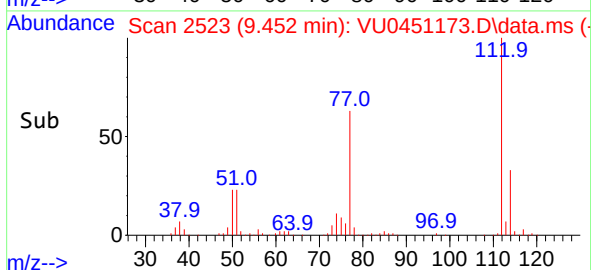
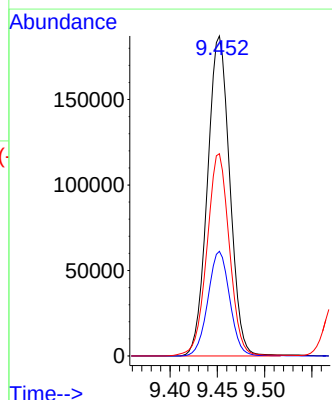
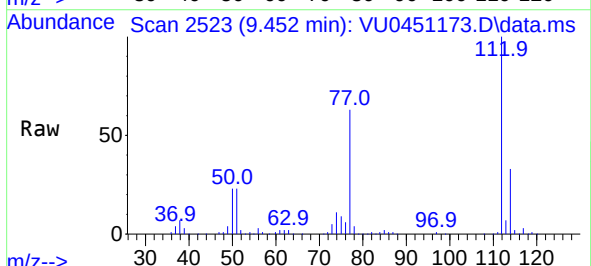


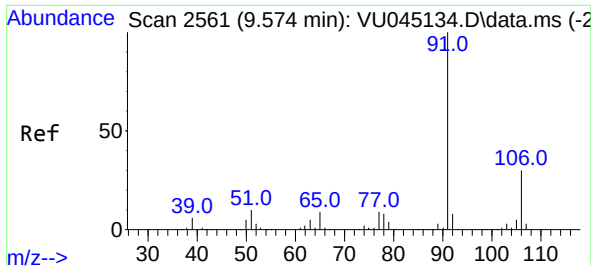
Tgt Ion:107 Resp: 127443
Ion Ratio Lower Upper
107 100
109 94.5 65.5 121.6
188 3.4 2.6 3.8



#51
Chlorobenzene
Concen: 47.945 ug/L
RT: 9.452 min Scan# 2523
Delta R.T. 0.003 min
Lab File: VU0451173.D
Acq: 06 Oct 2021 10:05

Tgt Ion:112 Resp: 307202
Ion Ratio Lower Upper
112 100
114 32.7 22.5 41.9
77 63.2 50.6 75.8

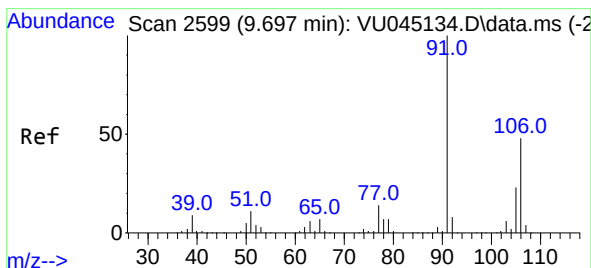
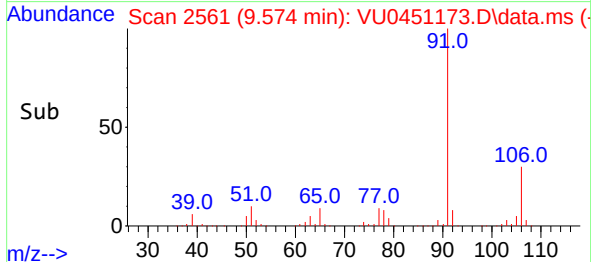
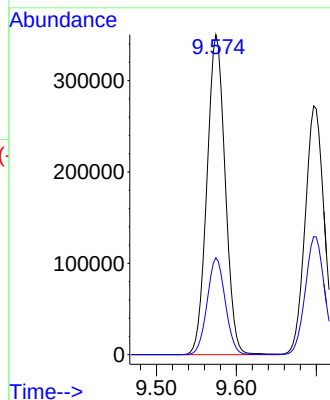
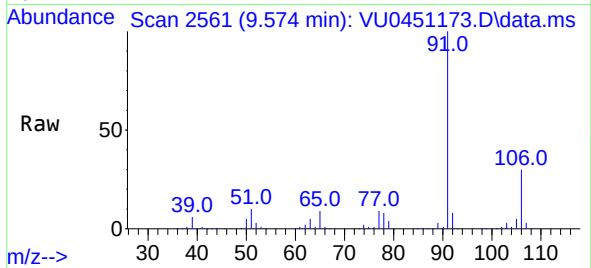




#52
Ethylbenzene
Concen: 50.642 ug/L
RT: 9.574 min Scan# 2561
Delta R.T. -0.000 min
Lab File: VU0451173.D
Acq: 06 Oct 2021 10:05

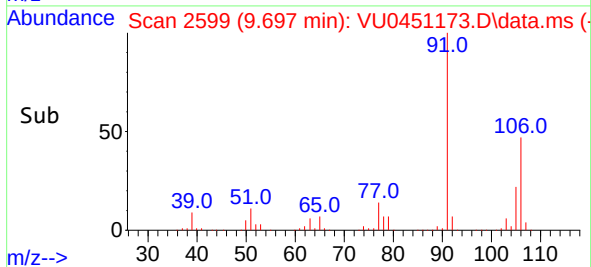
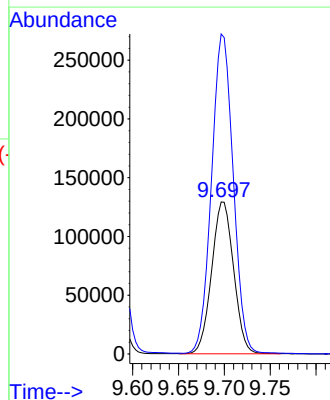
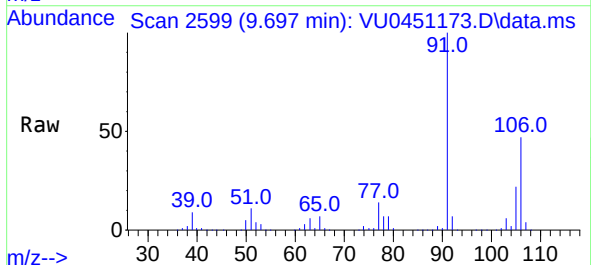
Instrument :
MSVOA_U
ClientSampled :

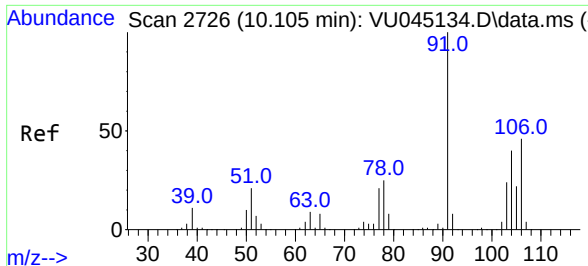
Tgt Ion: 91 Resp: 555246
Ion Ratio Lower Upper
91 100
106 30.3 21.2 39.4



#53
m,p-Xylene
Concen: 51.841 ug/L
RT: 9.697 min Scan# 2599
Delta R.T. -0.000 min
Lab File: VU0451173.D
Acq: 06 Oct 2021 10:05

Tgt Ion:106 Resp: 215322
Ion Ratio Lower Upper
106 100
91 210.6 146.7 272.4

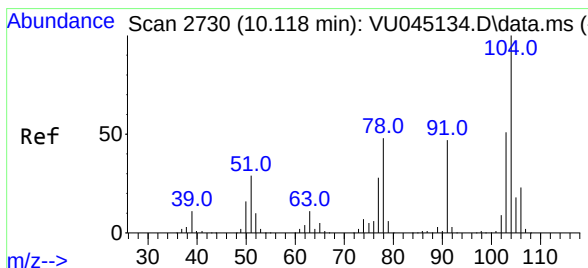
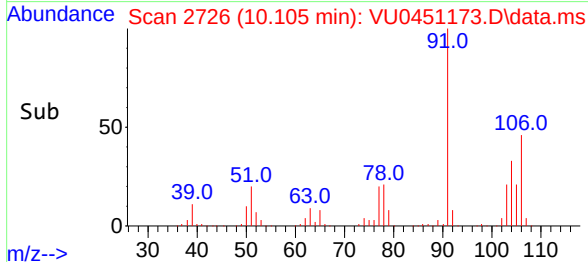
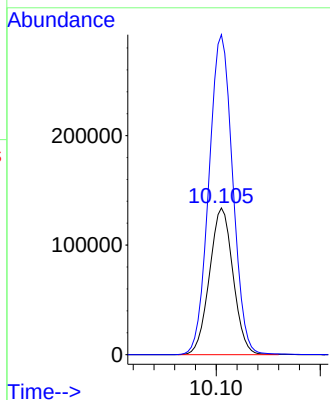
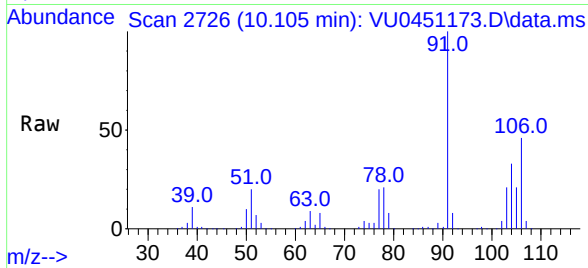




#54
o-xylene
Concen: 51.724 ug/L
RT: 10.105 min Scan# 2726
Delta R.T. -0.000 min
Lab File: VU0451173.D
Acq: 06 Oct 2021 10:05

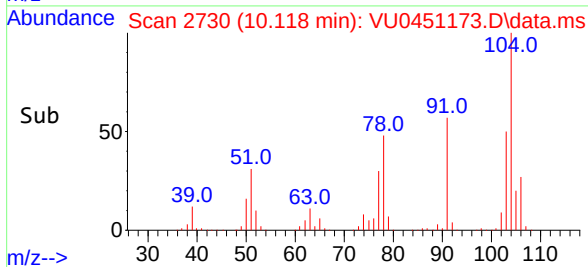
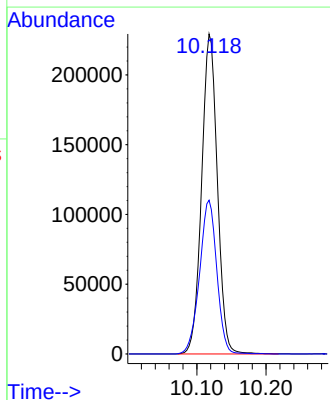
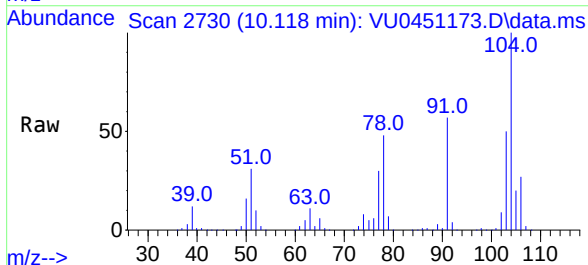
Instrument :
MSVOA_U
ClientSampleId :

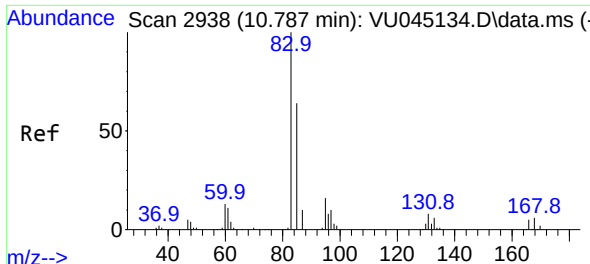
Tgt Ion:106 Resp: 211110
Ion Ratio Lower Upper
106 100
91 218.1 152.9 283.9



#55
Styrene
Concen: 51.569 ug/L
RT: 10.118 min Scan# 2730
Delta R.T. -0.000 min
Lab File: VU0451173.D
Acq: 06 Oct 2021 10:05

Tgt Ion:104 Resp: 361959
Ion Ratio Lower Upper
104 100
78 48.1 33.3 61.9



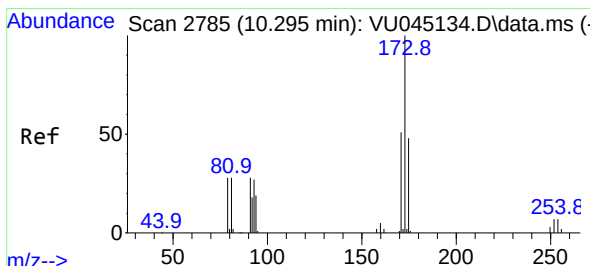
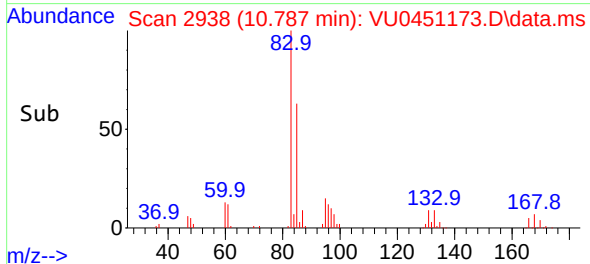
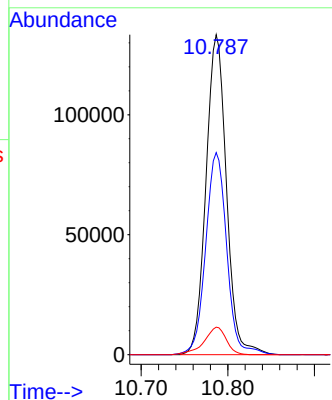
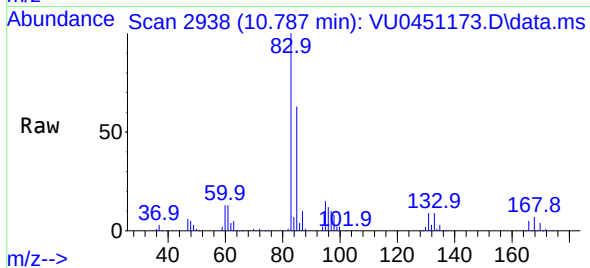


#57
1,1,2,2-Tetrachloroethane
Concen: 45.275 ug/L
RT: 10.787 min Scan# 2938
Delta R.T. -0.000 min
Lab File: VU0451173.D
Acq: 06 Oct 2021 10:05

Instrument :
MSVOA_U
ClientSampled :

Tgt Ion: 83 Resp: 218497

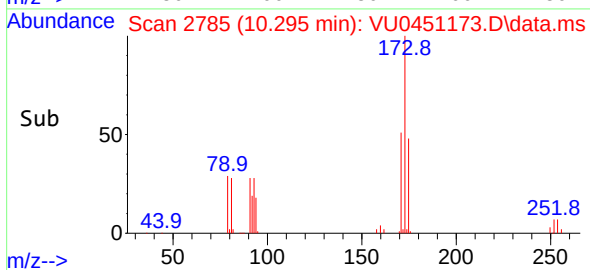
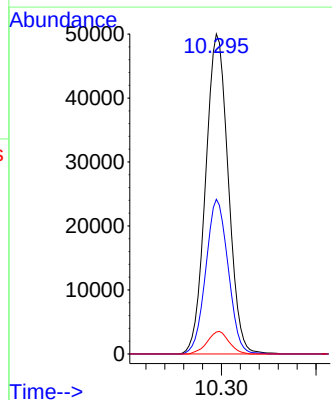
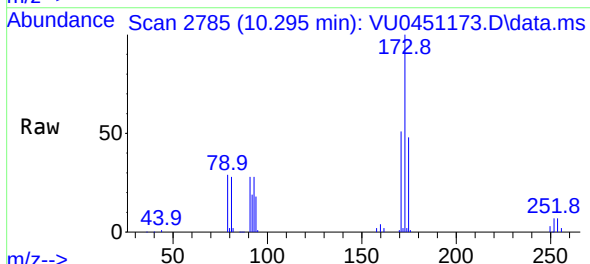
Ion	Ratio	Lower	Upper
83	100		
85	63.2	45.1	83.7
131	8.6	6.9	10.3

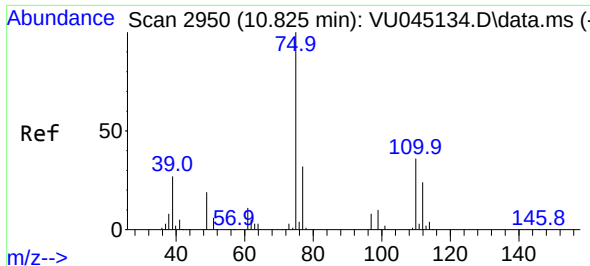


#59
Bromoform
Concen: 46.825 ug/L
RT: 10.295 min Scan# 2785
Delta R.T. -0.000 min
Lab File: VU0451173.D
Acq: 06 Oct 2021 10:05

Tgt Ion: 173 Resp: 83027

Ion	Ratio	Lower	Upper
173	100		
175	47.8	38.4	57.6
254	6.8	5.3	7.9

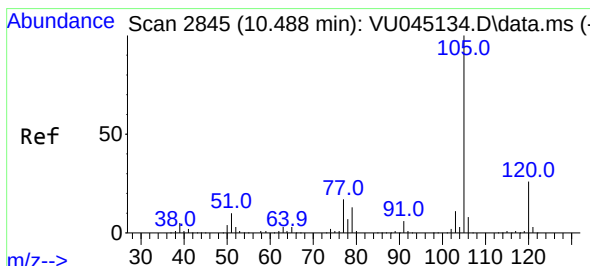
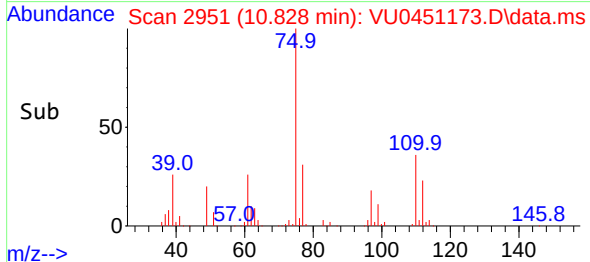
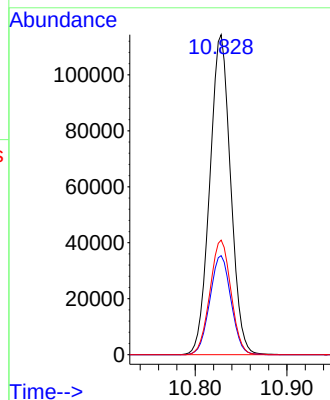
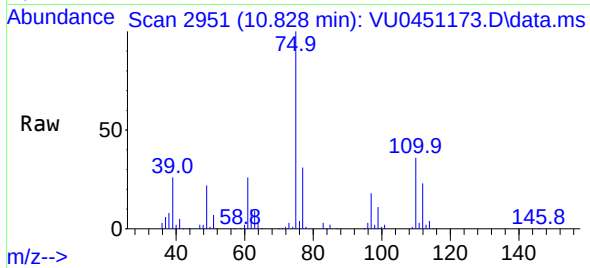




#60
1,2,3-Trichloropropane
Concen: 45.612 ug/L
RT: 10.828 min Scan# 2951
Delta R.T. 0.003 min
Lab File: VU0451173.D
Acq: 06 Oct 2021 10:05

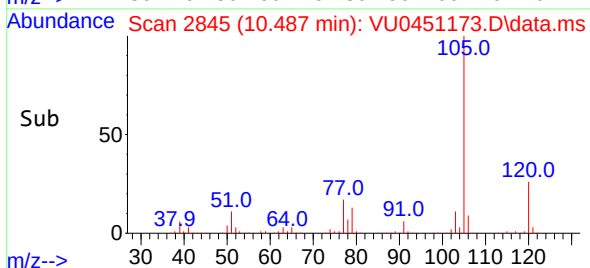
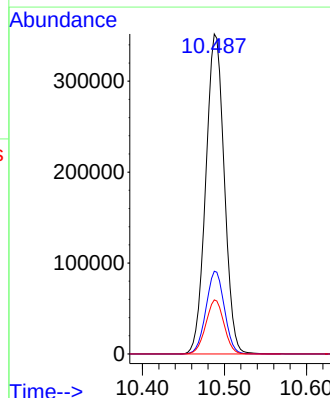
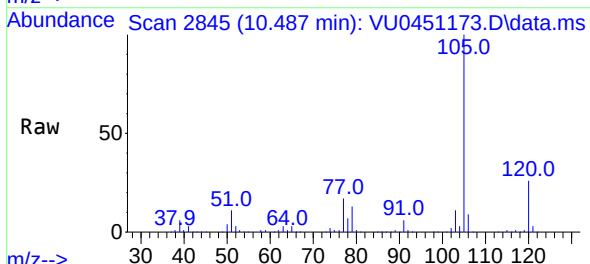
Instrument :
MSVOA_U
ClientSampled :

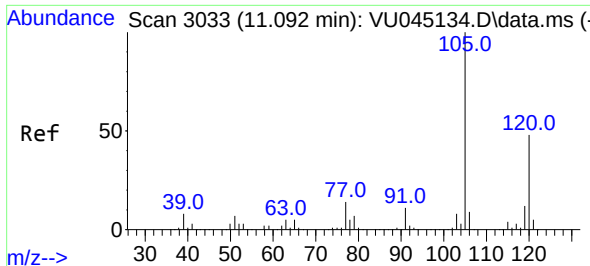
Tgt Ion: 75 Resp: 180364
Ion Ratio Lower Upper
75 100
77 31.5 25.5 38.3
110 36.2 29.0 43.4



#61
Isopropylbenzene
Concen: 52.591 ug/L
RT: 10.487 min Scan# 2845
Delta R.T. -0.000 min
Lab File: VU0451173.D
Acq: 06 Oct 2021 10:05

Tgt Ion: 105 Resp: 550276
Ion Ratio Lower Upper
105 100
120 25.7 20.5 30.7
77 16.7 13.5 20.3

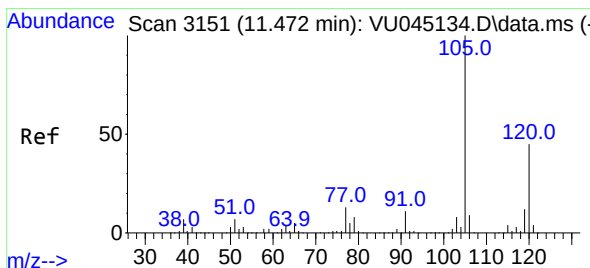
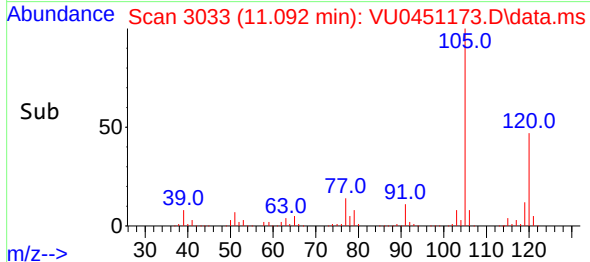
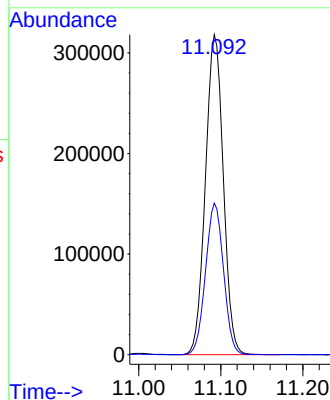
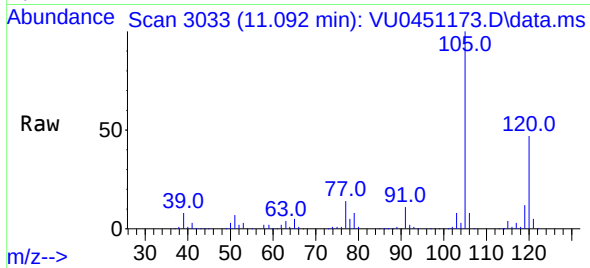




#62
1,3,5-Trimethylbenzene
Concen: 55.174 ug/L
RT: 11.092 min Scan# 3033
Delta R.T. -0.000 min
Lab File: VU0451173.D
Acq: 06 Oct 2021 10:05

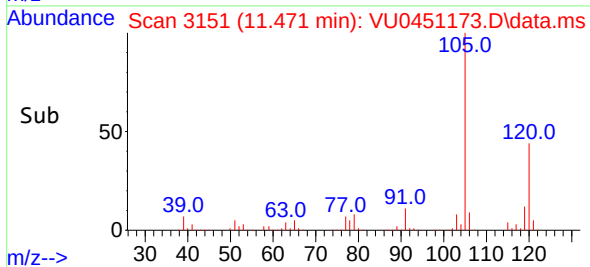
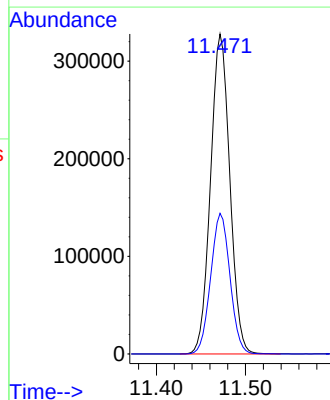
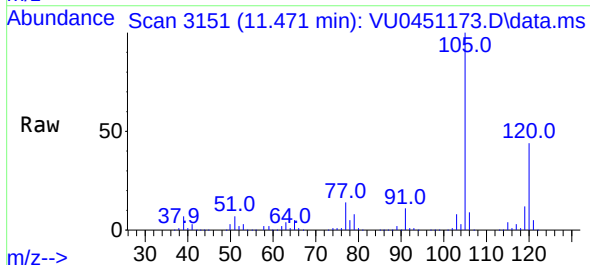
Tgt Ion:105 Resp: 482126
Ion Ratio Lower Upper
105 100
120 47.6 38.8 58.2

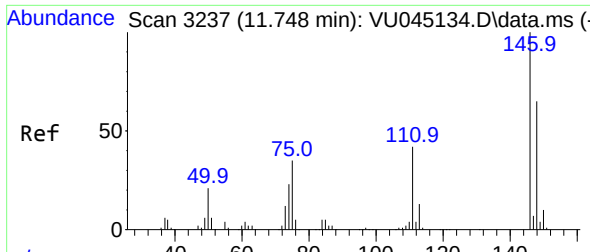
Instrument :
MSVOA_U
ClientSampled :



#63
1,2,4-Trimethylbenzene
Concen: 55.024 ug/L
RT: 11.471 min Scan# 3151
Delta R.T. -0.000 min
Lab File: VU0451173.D
Acq: 06 Oct 2021 10:05

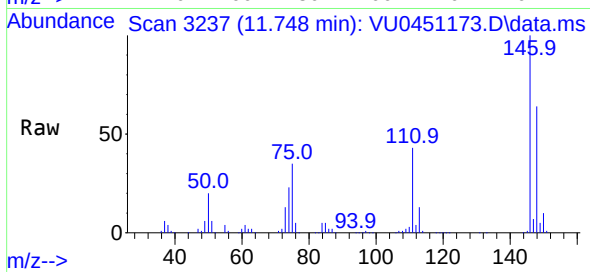
Tgt Ion:105 Resp: 492360
Ion Ratio Lower Upper
105 100
120 44.0 35.7 53.5



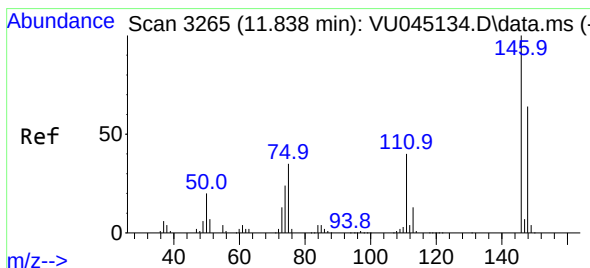
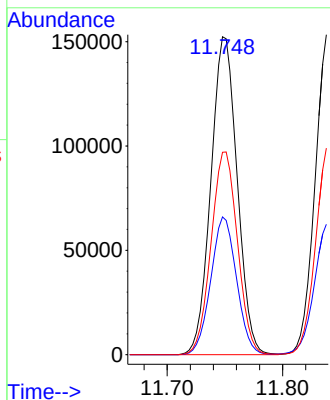
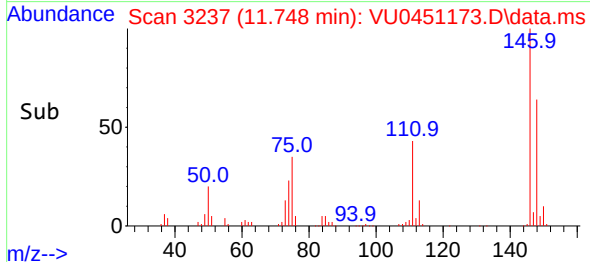


#64
1,3-Dichlorobenzene
Concen: 49.831 ug/L
RT: 11.748 min Scan# 3237
Delta R.T. -0.000 min
Lab File: VU0451173.D
Acq: 06 Oct 2021 10:05

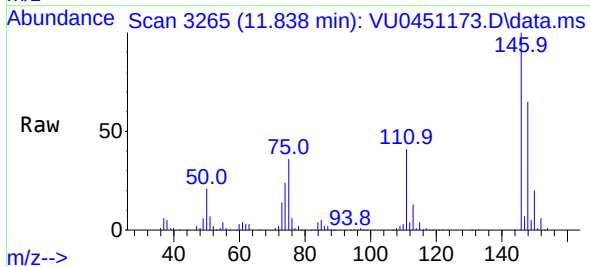
Instrument :
MSVOA_U
ClientSampleId :



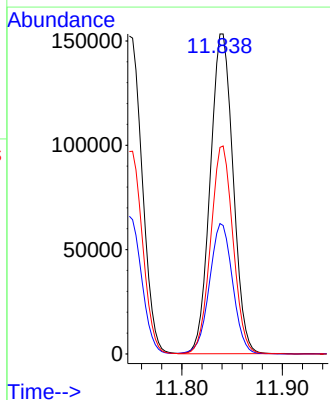
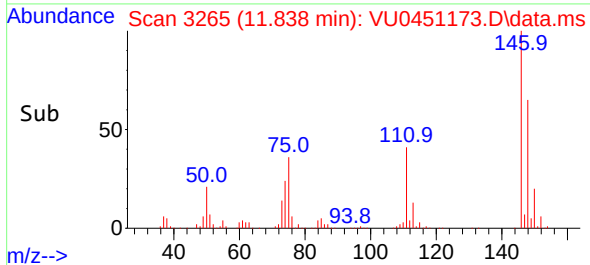
Tgt Ion:146 Resp: 240954
Ion Ratio Lower Upper
146 100
111 43.3 29.0 53.8
148 63.6 44.8 83.2

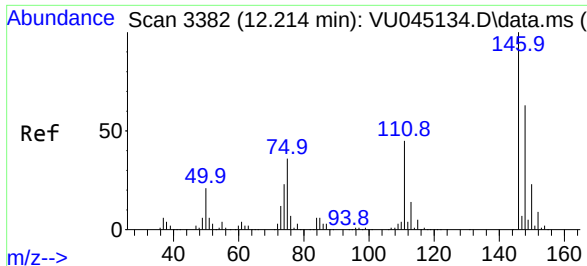


#65
1,4-Dichlorobenzene
Concen: 48.854 ug/L
RT: 11.838 min Scan# 3265
Delta R.T. -0.000 min
Lab File: VU0451173.D
Acq: 06 Oct 2021 10:05



Tgt Ion:146 Resp: 242370
Ion Ratio Lower Upper
146 100
111 40.8 28.5 52.9
148 64.5 45.5 84.5



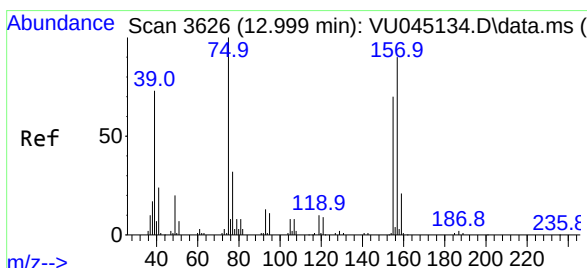
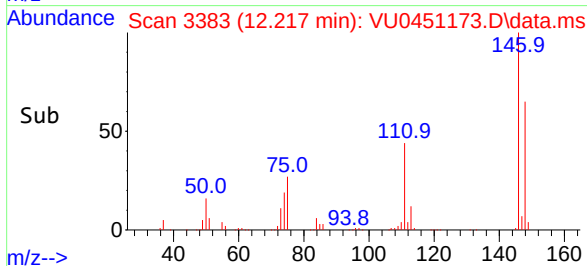
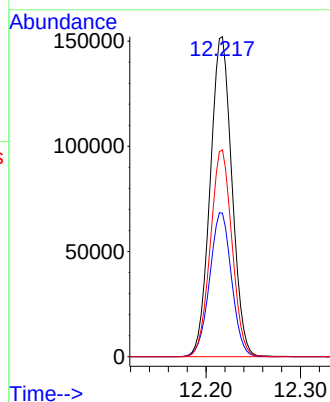
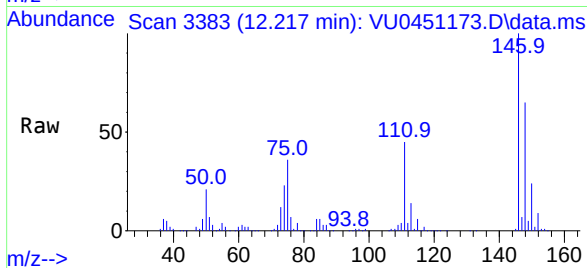


#67

1,2-Dichlorobenzene
Concen: 48.881 ug/L
RT: 12.217 min Scan# 3383
Delta R.T. 0.003 min
Lab File: VU0451173.D
Acq: 06 Oct 2021 10:05

Instrument :
MSVOA_U
ClientSampled :

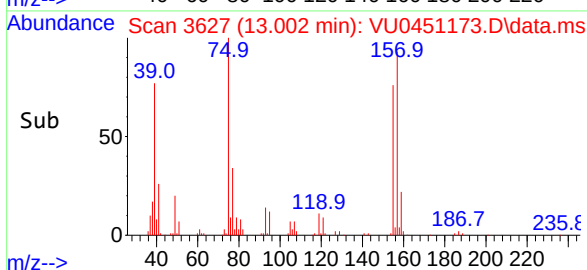
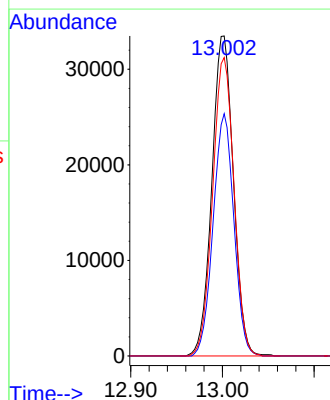
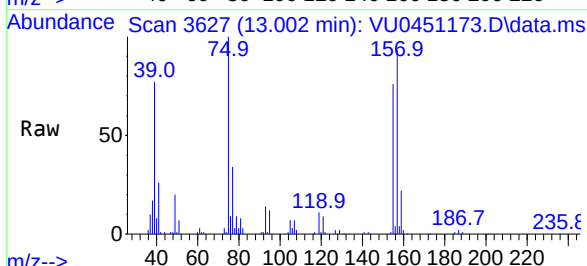
Tgt Ion:146 Resp: 242646
Ion Ratio Lower Upper
146 100
111 44.8 34.7 52.1
148 64.7 51.0 76.6

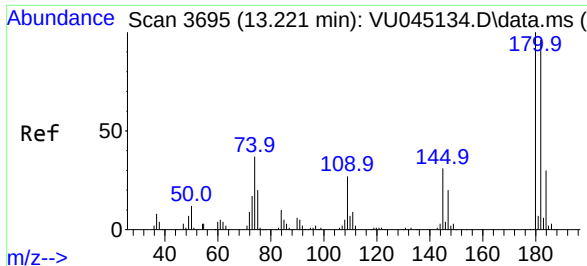


#68

1,2-Dibromo-3-chloropropane
Concen: 48.190 ug/L
RT: 13.002 min Scan# 3627
Delta R.T. 0.003 min
Lab File: VU0451173.D
Acq: 06 Oct 2021 10:05

Tgt Ion: 75 Resp: 54763
Ion Ratio Lower Upper
75 100
155 75.7 58.5 87.7
157 93.2 77.7 116.5

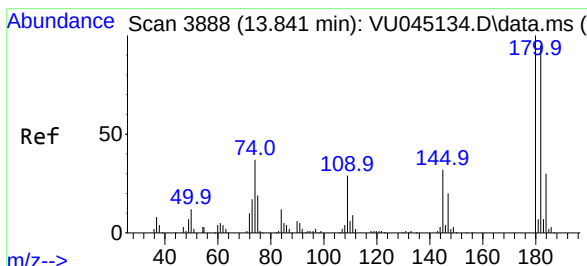
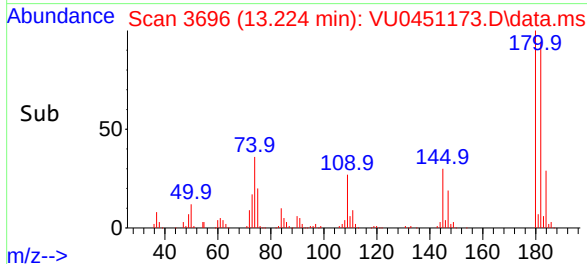
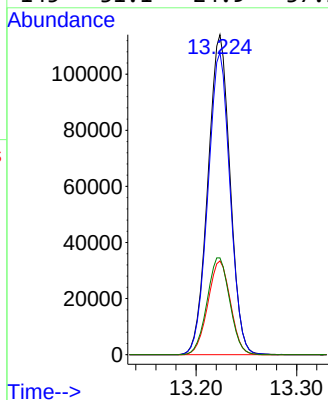
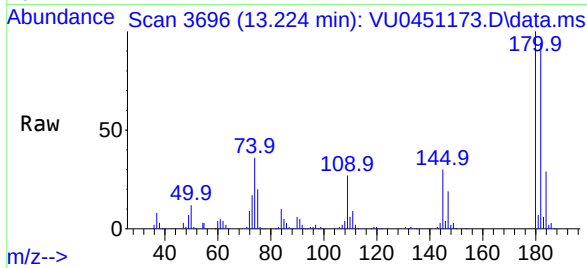




#69
1,3,5-Trichlorobenzene
Concen: 51.869 ug/L
RT: 13.224 min Scan# 3696
Delta R.T. 0.003 min
Lab File: VU0451173.D
Acq: 06 Oct 2021 10:05

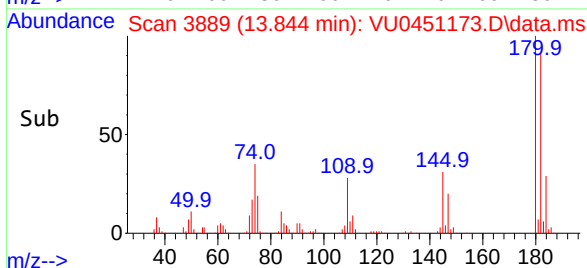
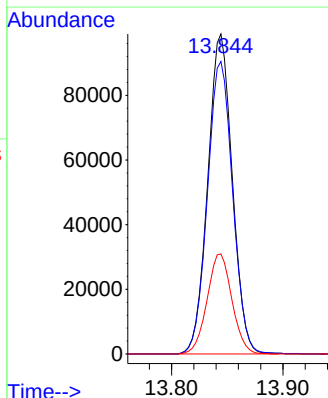
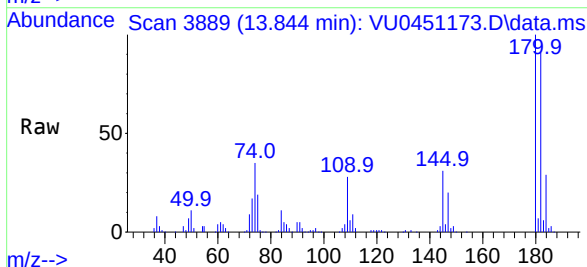
Instrument :
MSVOA_U
ClientSampleId :

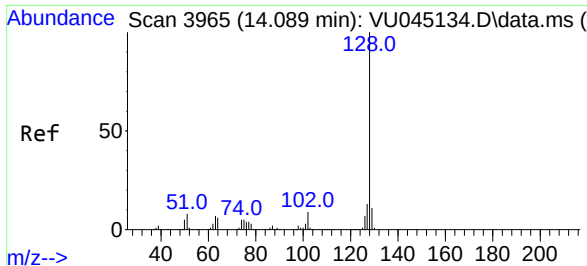
Tgt Ion:180 Resp: 174058
Ion Ratio Lower Upper
180 100
182 94.2 76.8 115.2
184 29.8 24.4 36.6
145 31.1 24.9 37.3



#70
1,2,4-trichlorobenzene
Concen: 54.247 ug/L
RT: 13.844 min Scan# 3889
Delta R.T. 0.003 min
Lab File: VU0451173.D
Acq: 06 Oct 2021 10:05

Tgt Ion:180 Resp: 151271
Ion Ratio Lower Upper
180 100
182 94.0 76.2 114.2
145 31.7 25.4 38.0

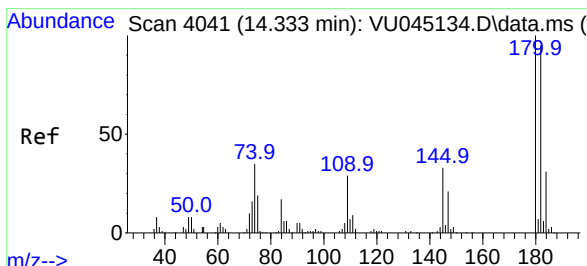
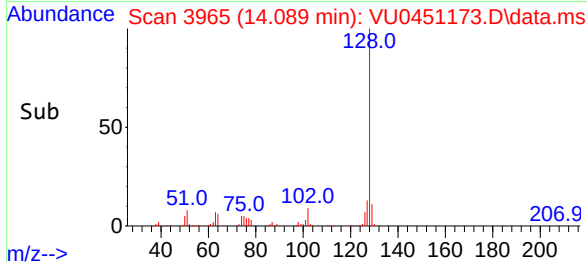
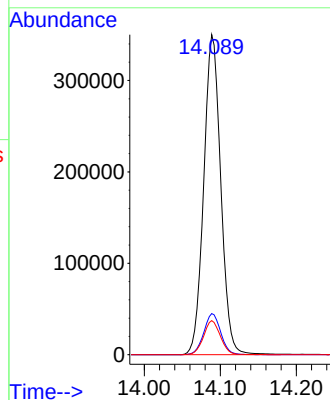
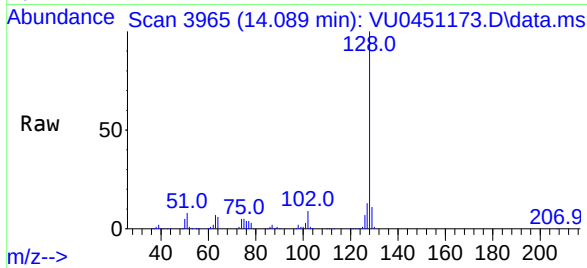




#71
Naphthalene
Concen: 56.368 ug/L
RT: 14.089 min Scan# 3965
Delta R.T. -0.000 min
Lab File: VU0451173.D
Acq: 06 Oct 2021 10:05

Instrument :
MSVOA_U
ClientSampled :

Tgt Ion:128 Resp: 544702
Ion Ratio Lower Upper
128 100
127 12.8 10.4 15.6
129 10.5 8.8 13.2



#72
1,2,3-Trichlorobenzene
Concen: 53.212 ug/L
RT: 14.333 min Scan# 4041
Delta R.T. -0.000 min
Lab File: VU0451173.D
Acq: 06 Oct 2021 10:05

Tgt Ion:180 Resp: 151820
Ion Ratio Lower Upper
180 100
182 94.0 76.8 115.2
145 33.4 26.5 39.7

