

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU100621\
 Data File : VU0451196.D
 Acq On : 06 Oct 2021 19:48
 Operator : SY/MD
 Sample : VSTDCCC050EC
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Oct 07 03:03:57 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092321WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Oct 07 03:00:32 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.253	114	327902	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	320052	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.816	152	159235	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	144523	40.262	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	80.520%
7) Chloroethane-d5	1.887	69	118341	41.604	ug/L	-0.02
Spiked Amount	50.000	Range	70 - 130	Recovery	=	83.200%
11) 1,1-Dichloroethene-d2	2.562	63	250220	41.509	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	83.020%
21) 2-Butanone-d5	4.629	46	233516	82.287	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	82.290%
24) Chloroform-d	5.067	84	240259	42.379	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	84.760%
26) 1,2-Dichloroethane-d4	5.707	65	163621	42.608	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	85.220%
32) Benzene-d6	5.729	84	485293	43.698	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	87.400%
36) 1,2-Dichloropropane-d6	6.694	67	154516	42.670	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	85.340%
41) Toluene-d8	7.903	98	445337	46.467	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	92.940%
43) trans-1,3-Dichloroprop...	8.182	79	76271	47.349	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	94.700%
47) 2-Hexanone-d5	8.636	63	181300	90.345	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	90.340%
56) 1,1,2,2-Tetrachloroeth...	10.761	84	250663	44.453	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	88.900%
66) 1,2-Dichlorobenzene-d4	12.195	152	164446	47.454	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	94.900%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.385	85	127660	40.660	ug/L	99
3) Chloromethane	1.520	50	138719	35.447	ug/L	100
5) Vinyl chloride	1.604	62	156337	40.775	ug/L	94
6) Bromomethane	1.829	94	39644	21.558	ug/L	98
8) Chloroethane	1.912	64	101393	42.135	ug/L	100
9) Trichlorofluoromethane	2.125	101	191916	43.733	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.572	101	115303	41.628	ug/L	100
12) 1,1-Dichloroethene	2.575	96	114382	45.046	ug/L	89
13) Acetone	2.633	43	153768	46.875	ug/L	99
14) Carbon disulfide	2.787	76	329538	40.509	ug/L	99
15) Methyl Acetate	2.951	43	163516	40.417	ug/L	96
16) Methylene chloride	3.047	84	142316	44.239	ug/L	92
17) trans-1,2-Dichloroethene	3.353	96	119404	44.639	ug/L	98
18) Methyl tert-butyl Ether	3.369	73	450224	51.046	ug/L	98
19) 1,1-Dichloroethane	3.871	63	244363	43.913	ug/L	98
20) cis-1,2-Dichloroethene	4.668	96	140658	47.721	ug/L	94
22) 2-Butanone	4.710	43	250667	68.275	ug/L	96
23) Bromochloromethane	4.980	128	67159	44.946	ug/L	93
25) Chloroform	5.092	83	245467	44.371	ug/L	100

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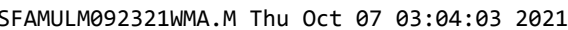
Instrument :
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 ClientSampleId :

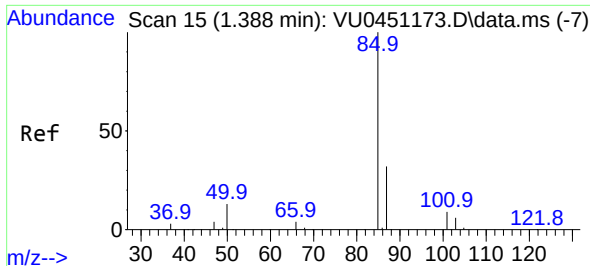
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 Quant Title : VOC Analysis
 QLast Update : Thu Oct 07 03:00:32 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.800	62	210246	45.438	ug/L	100
29) Cyclohexane	5.391	56	221552	46.053	ug/L	96
30) 1,1,1-Trichloroethane	5.321	97	202777	45.769	ug/L	98
31) Carbon tetrachloride	5.526	117	155989	44.578	ug/L	98
33) Benzene	5.777	78	550553	46.380	ug/L	100
34) Trichloroethene	6.546	95	133048	46.664	ug/L	100
35) Methylcyclohexane	6.764	83	212409	44.498	ug/L	96
37) 1,2-Dichloropropane	6.793	63	145376	44.980	ug/L	99
38) Bromodichloromethane	7.108	83	181295	45.761	ug/L	99
39) cis-1,3-Dichloropropene	7.610	75	222958	48.212	ug/L	100
40) 4-Methyl-2-pentanone	7.797	43	505898	93.702	ug/L	96
42) Toluene	7.973	91	586301	48.611	ug/L	99
44) trans-1,3-Dichloropropene	8.214	75	214547	48.791	ug/L	99
45) 1,1,2-Trichloroethane	8.404	97	140861	48.092	ug/L	99
46) Tetrachloroethene	8.555	164	89627	43.979	ug/L	99
48) 2-Hexanone	8.690	43	407147	85.041	ug/L	98
49) Dibromochloromethane	8.813	129	135595	46.809	ug/L	99
50) 1,2-Dibromoethane	8.928	107	149695	48.814	ug/L	100
51) Chlorobenzene	9.449	112	358924	48.203	ug/L	100
52) Ethylbenzene	9.575	91	638206	50.089	ug/L	100
53) m,p-Xylene	9.697	106	244499	50.655	ug/L	100
54) o-xylene	10.102	106	249246	52.550	ug/L	99
55) Styrene	10.118	104	423801	51.958	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.787	83	260349	46.422	ug/L	99
59) Bromoform	10.295	173	99413	50.339	ug/L	100
60) 1,2,3-Trichloropropane	10.825	75	213739	48.531	ug/L	99
61) Isopropylbenzene	10.488	105	638458	54.787	ug/L	100
62) 1,3,5-Trimethylbenzene	11.092	105	545283	56.028	ug/L	99
63) 1,2,4-Trimethylbenzene	11.472	105	558560	56.046	ug/L	100
64) 1,3-Dichlorobenzene	11.748	146	268283	49.816	ug/L	98
65) 1,4-Dichlorobenzene	11.838	146	267856	48.476	ug/L	99
67) 1,2-Dichlorobenzene	12.214	146	275177	49.773	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.999	75	61311	48.442	ug/L	98
69) 1,3,5-Trichlorobenzene	13.224	180	176515	47.228	ug/L	100
70) 1,2,4-trichlorobenzene	13.841	180	157016	50.556	ug/L	99
71) Naphthalene	14.089	128	638480	59.324	ug/L	100
72) 1,2,3-Trichlorobenzene	14.333	180	158633	49.921	ug/L	99

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

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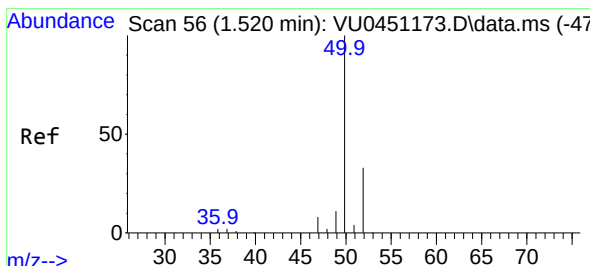
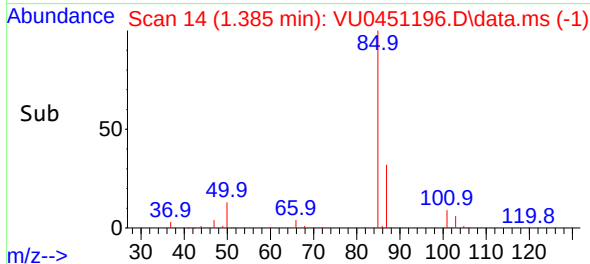
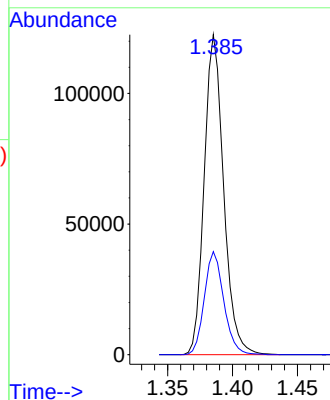
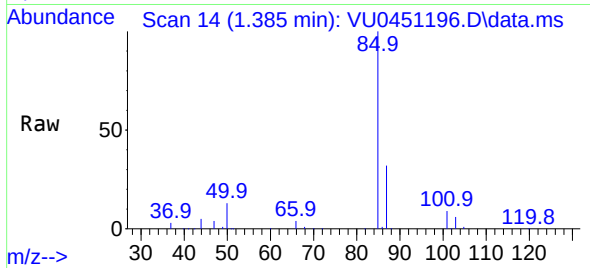




#2
 Dichlorodifluoromethane
 Concen: 40.660 ug/L
 RT: 1.385 min Scan# 14
 Delta R.T. -0.003 min
 Lab File: VU0451196.D
 Acq: 06 Oct 2021 19:48

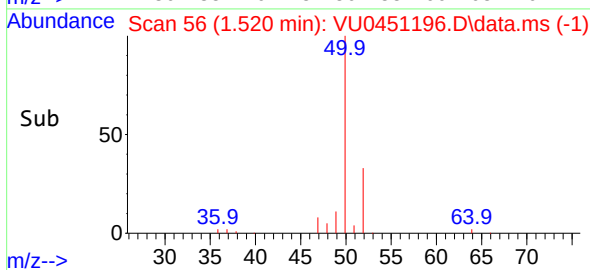
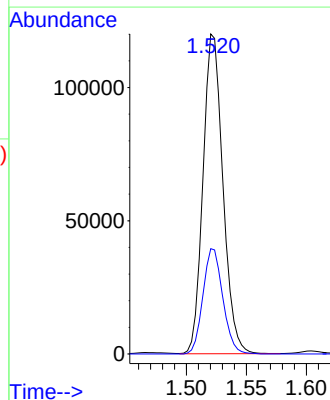
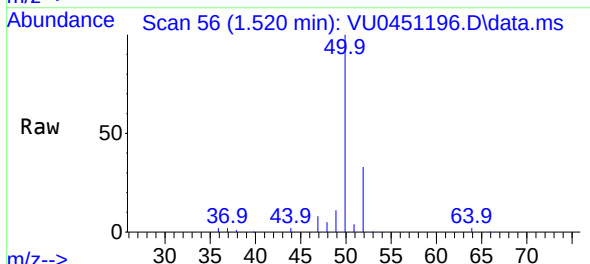
Instrument :
 MSVOA_U
 ClientSampleId :

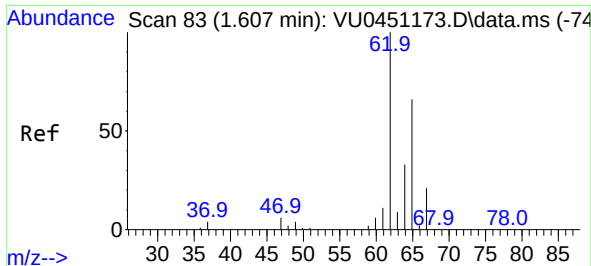
Tgt Ion: 85 Resp: 127660
 Ion Ratio Lower Upper
 85 100
 87 32.2 25.2 37.8



#3
 Chloromethane
 Concen: 35.447 ug/L
 RT: 1.520 min Scan# 56
 Delta R.T. 0.000 min
 Lab File: VU0451196.D
 Acq: 06 Oct 2021 19:48

Tgt Ion: 50 Resp: 138719
 Ion Ratio Lower Upper
 50 100
 52 32.9 23.0 42.8

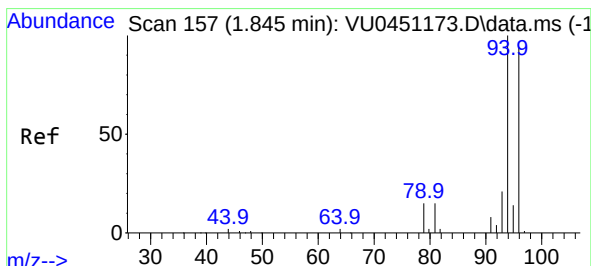
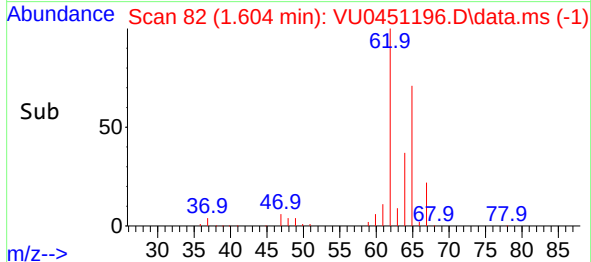
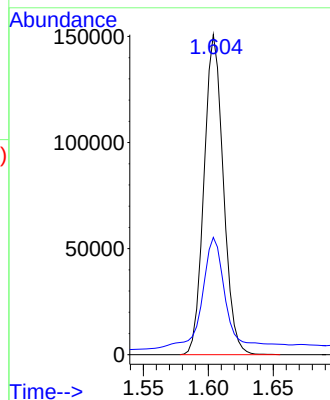
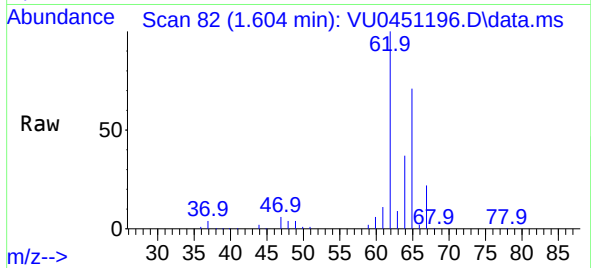




#5
 Vinyl chloride
 Concen: 40.775 ug/L
 RT: 1.604 min Scan# 82
 Delta R.T. -0.003 min
 Lab File: VU0451196.D
 Acq: 06 Oct 2021 19:48

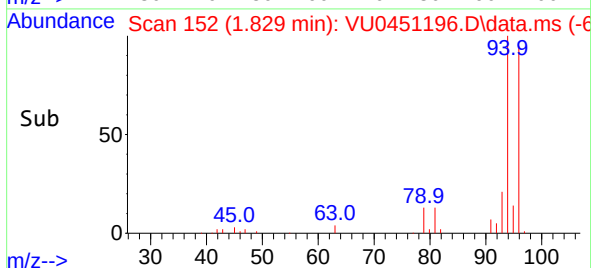
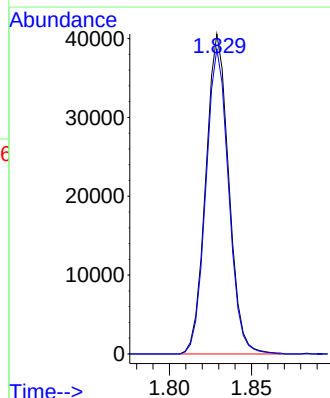
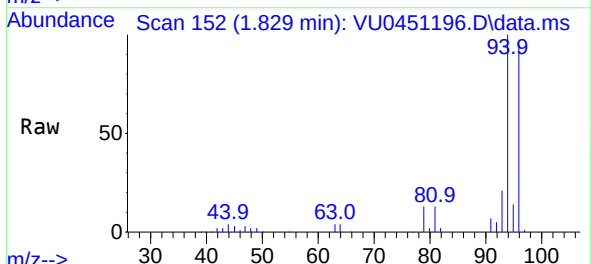
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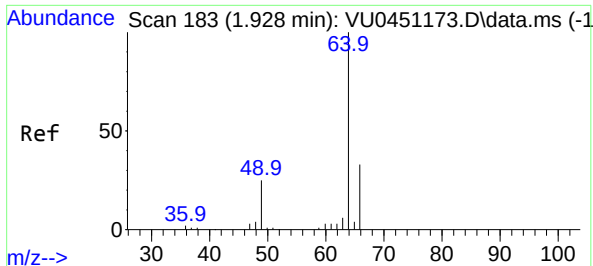
Tgt Ion: 62 Resp: 156337
 Ion Ratio Lower Upper
 62 100
 64 36.6 23.4 43.6



#6
 Bromomethane
 Concen: 21.558 ug/L
 RT: 1.829 min Scan# 152
 Delta R.T. -0.016 min
 Lab File: VU0451196.D
 Acq: 06 Oct 2021 19:48

Tgt Ion: 94 Resp: 39644
 Ion Ratio Lower Upper
 94 100
 96 95.4 65.7 121.9

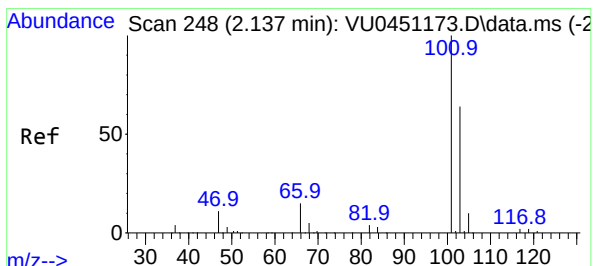
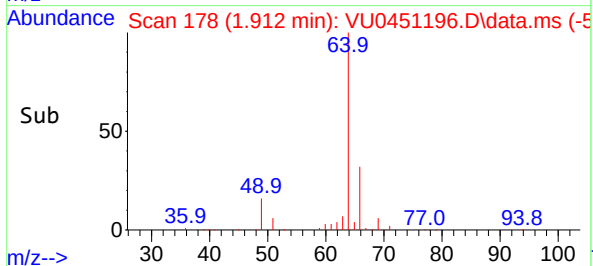
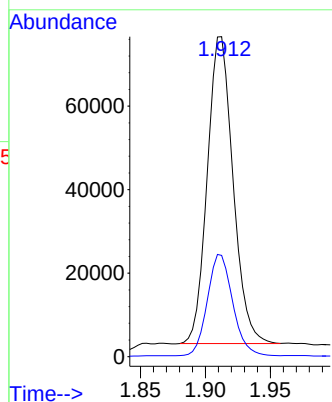
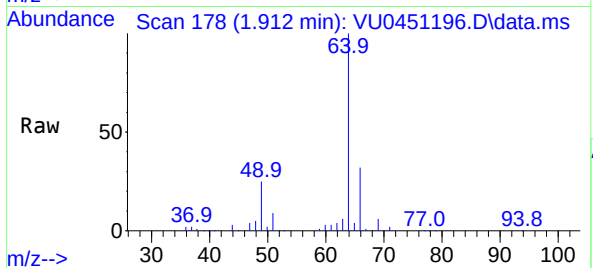




#8
Chloroethane
Concen: 42.135 ug/L
RT: 1.912 min Scan# 178
Delta R.T. -0.016 min
Lab File: VU0451196.D
Acq: 06 Oct 2021 19:48

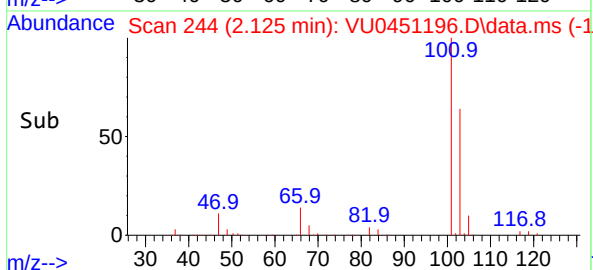
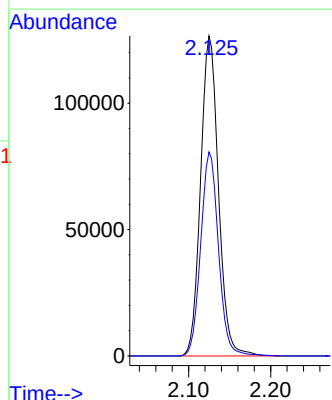
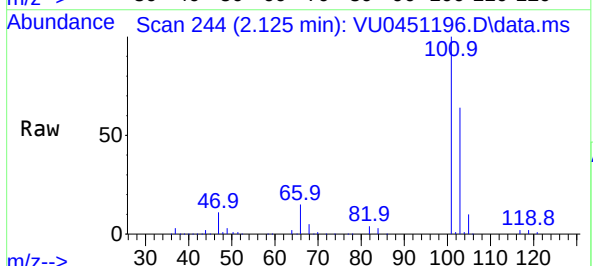
Instrument :
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ClientSampleId :

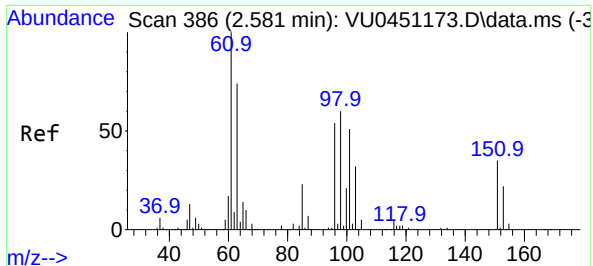
Tgt Ion: 64 Resp: 101393
Ion Ratio Lower Upper
64 100
66 31.7 22.3 41.3



#9
Trichlorofluoromethane
Concen: 43.733 ug/L
RT: 2.125 min Scan# 244
Delta R.T. -0.013 min
Lab File: VU0451196.D
Acq: 06 Oct 2021 19:48

Tgt Ion:101 Resp: 191916
Ion Ratio Lower Upper
101 100
103 63.4 50.9 76.3

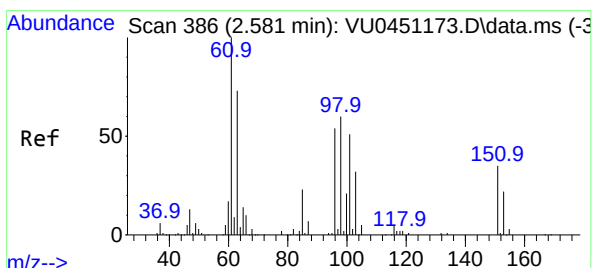
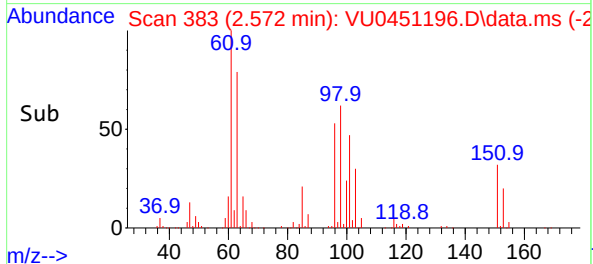
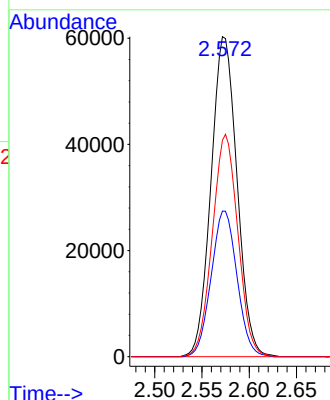
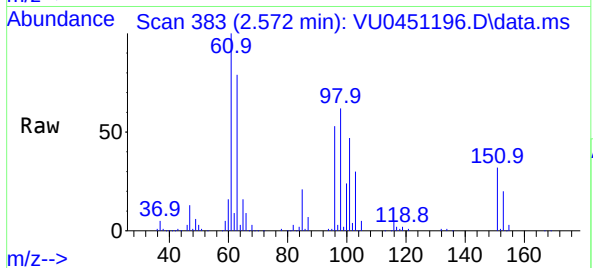




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 41.628 ug/L
RT: 2.572 min Scan# 383
Delta R.T. -0.009 min
Lab File: VU0451196.D
Acq: 06 Oct 2021 19:48

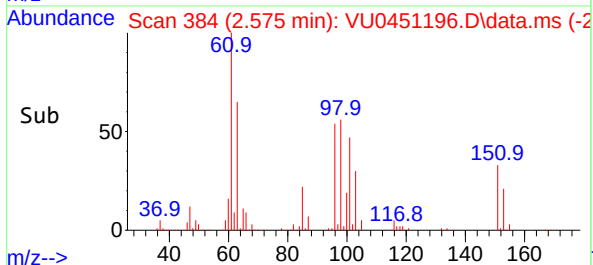
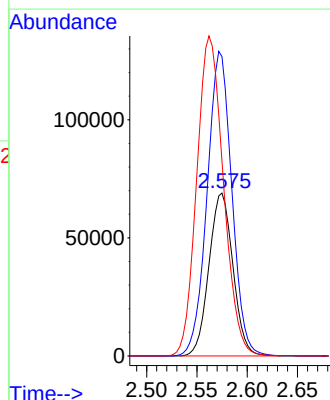
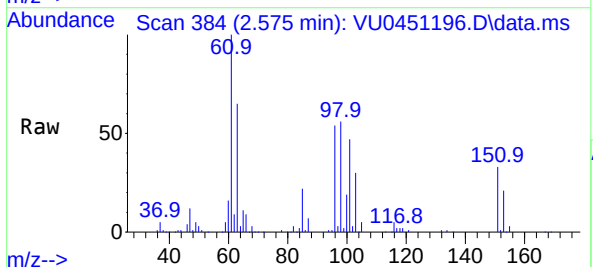
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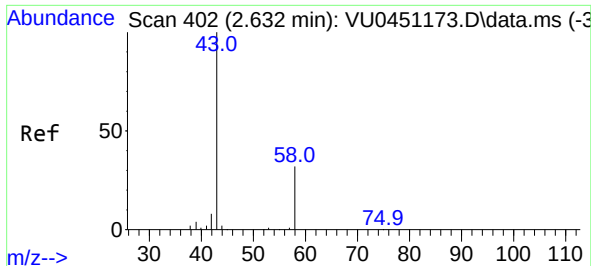
Tgt Ion:	101	Resp:	115303
Ion	Ratio	Lower	Upper
101	100		
85	45.3	36.4	54.6
151	68.4	54.4	81.6



#12
1,1-Dichloroethene
Concen: 45.046 ug/L
RT: 2.575 min Scan# 384
Delta R.T. -0.006 min
Lab File: VU0451196.D
Acq: 06 Oct 2021 19:48

Tgt Ion:	96	Resp:	114382
Ion	Ratio	Lower	Upper
96	100		
61	183.9	131.3	243.9
63	119.8	102.5	190.3

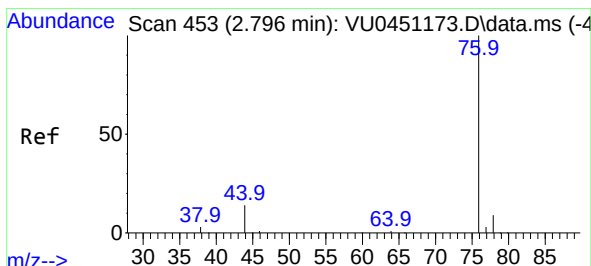
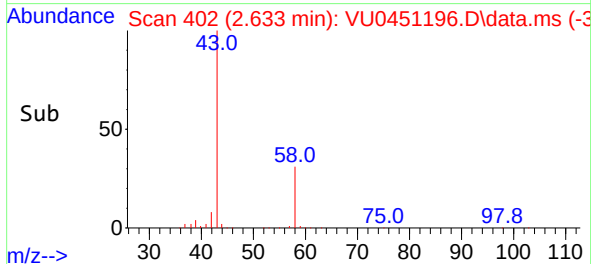
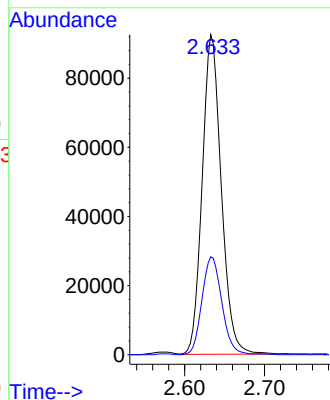
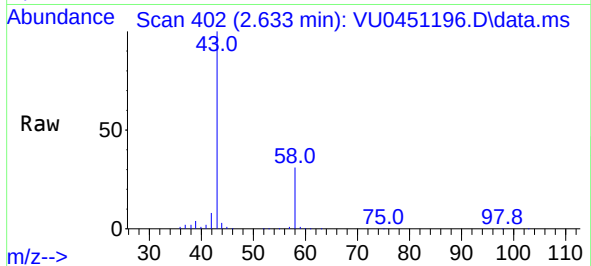




#13
Acetone
Concen: 46.875 ug/L
RT: 2.633 min Scan# 402
Delta R.T. 0.000 min
Lab File: VU0451196.D
Acq: 06 Oct 2021 19:48

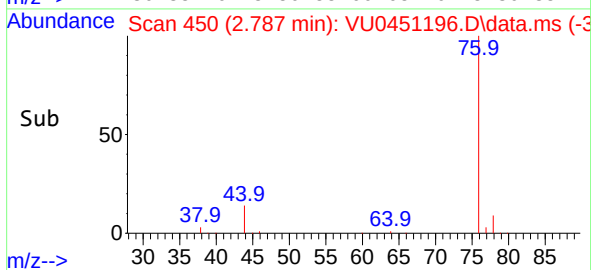
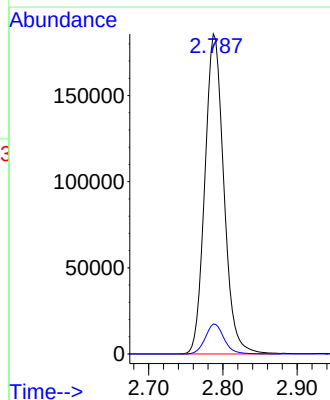
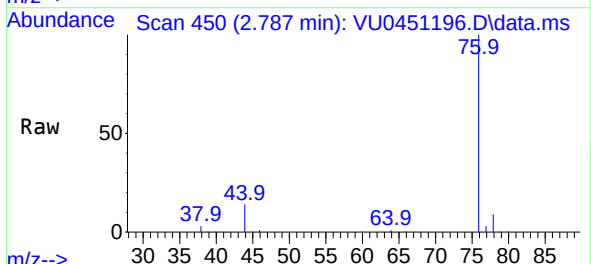
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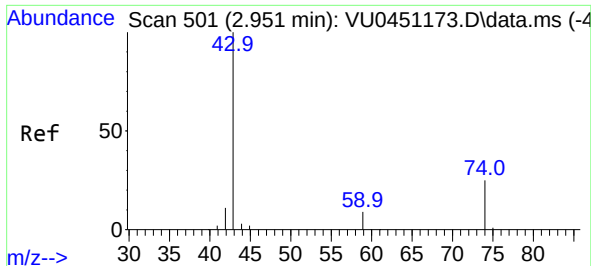
Tgt Ion: 43 Resp: 153768
Ion Ratio Lower Upper
43 100
58 31.8 0.0 62.8



#14
Carbon disulfide
Concen: 40.509 ug/L
RT: 2.787 min Scan# 450
Delta R.T. -0.009 min
Lab File: VU0451196.D
Acq: 06 Oct 2021 19:48

Tgt Ion: 76 Resp: 329538
Ion Ratio Lower Upper
76 100
78 9.3 7.3 10.9

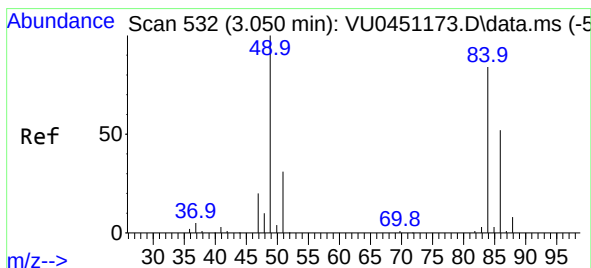
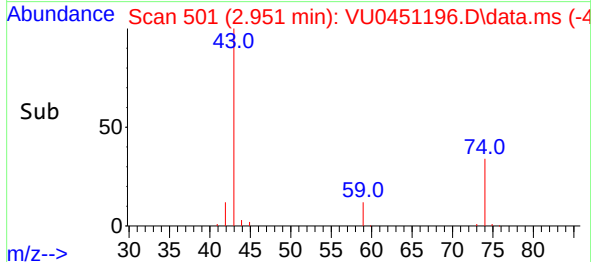
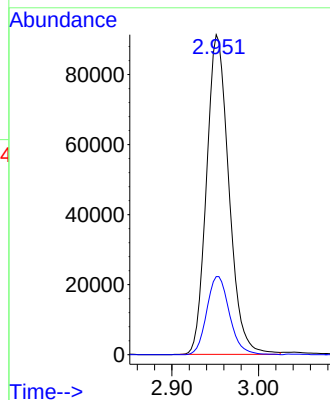
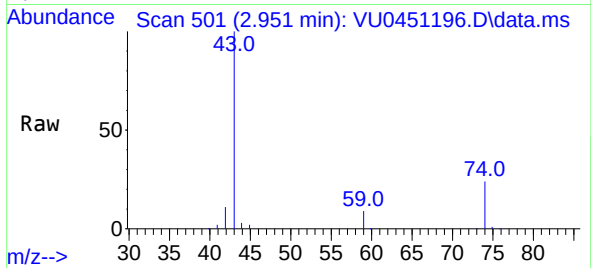




#15
Methyl Acetate
Concen: 40.417 ug/L
RT: 2.951 min Scan# 501
Delta R.T. 0.000 min
Lab File: VU0451196.D
Acq: 06 Oct 2021 19:48

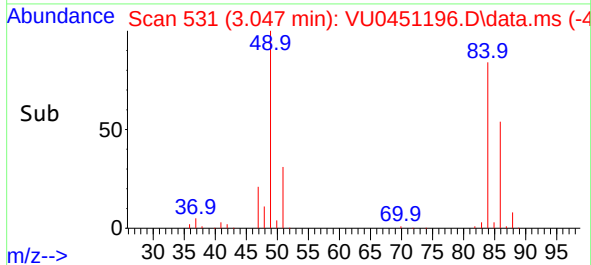
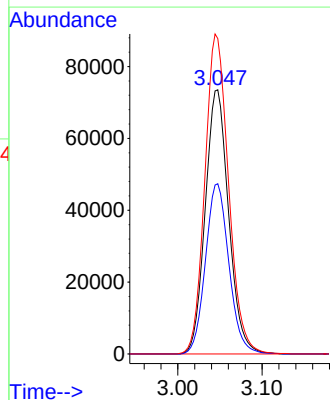
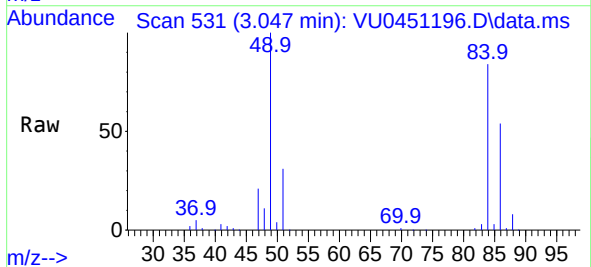
Instrument :
MSVOA_U
ClientSampled :

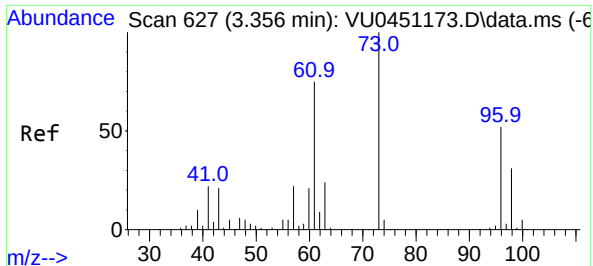
Tgt Ion: 43 Resp: 163516
Ion Ratio Lower Upper
43 100
74 24.9 18.4 27.6



#16
Methylene chloride
Concen: 44.239 ug/L
RT: 3.047 min Scan# 531
Delta R.T. -0.003 min
Lab File: VU0451196.D
Acq: 06 Oct 2021 19:48

Tgt Ion: 84 Resp: 142316
Ion Ratio Lower Upper
84 100
86 64.4 44.7 83.1
49 119.4 92.9 172.5



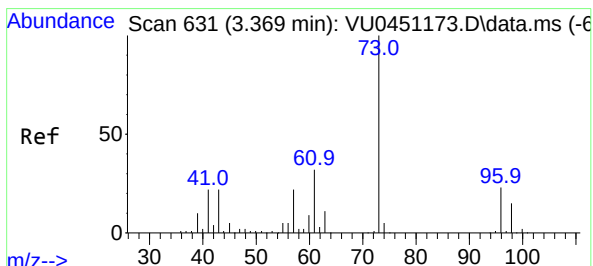
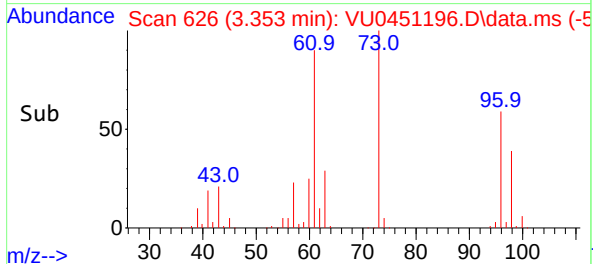
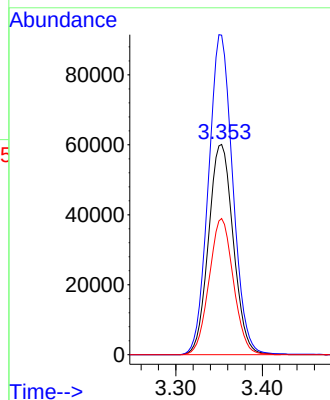
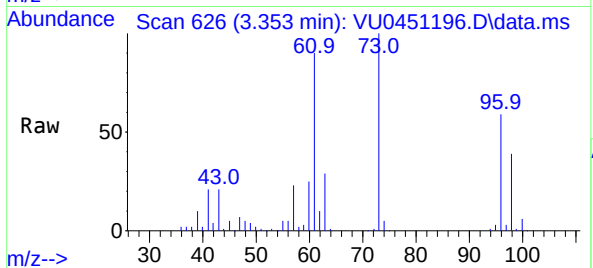


#17

trans-1,2-Dichloroethene
Concen: 44.639 ug/L
RT: 3.353 min Scan# 626
Delta R.T. -0.003 min
Lab File: VU0451196.D
Acq: 06 Oct 2021 19:48

Instrument :
MSVOA_U
ClientSampleId :

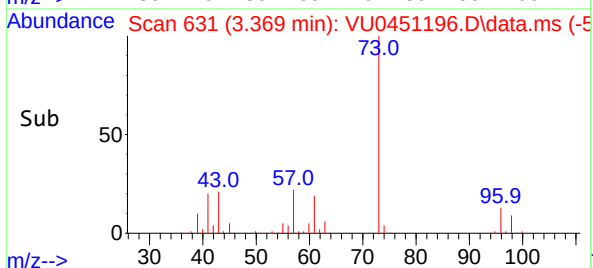
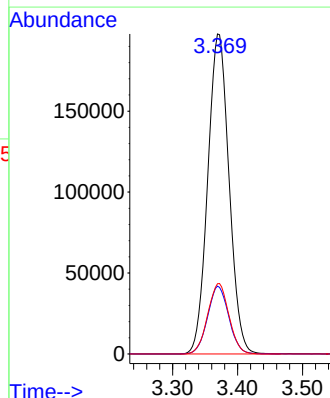
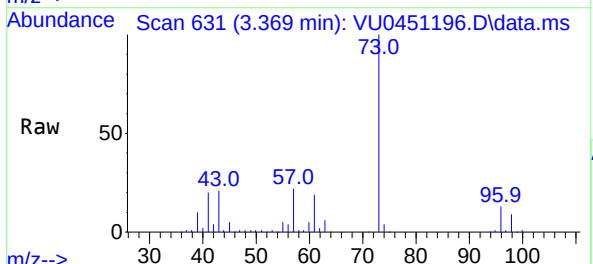
Tgt Ion: 96 Resp: 119404
Ion Ratio Lower Upper
96 100
61 152.0 105.1 195.3
98 64.8 43.0 79.8

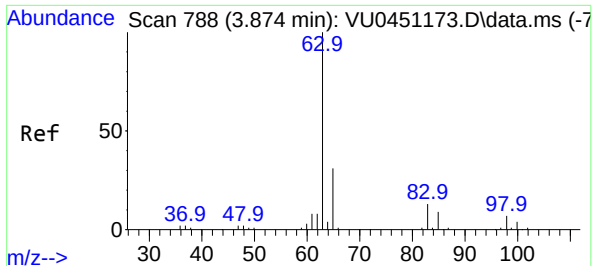


#18

Methyl tert-butyl Ether
Concen: 51.046 ug/L
RT: 3.369 min Scan# 631
Delta R.T. 0.000 min
Lab File: VU0451196.D
Acq: 06 Oct 2021 19:48

Tgt Ion: 73 Resp: 450224
Ion Ratio Lower Upper
73 100
43 21.1 17.3 25.9
57 21.9 18.7 28.1



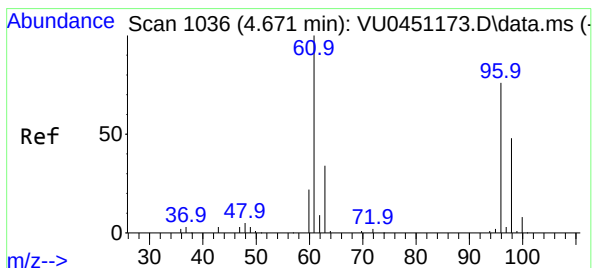
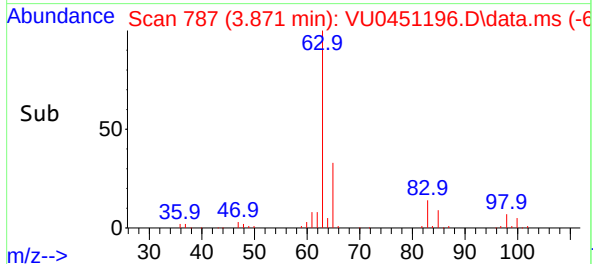
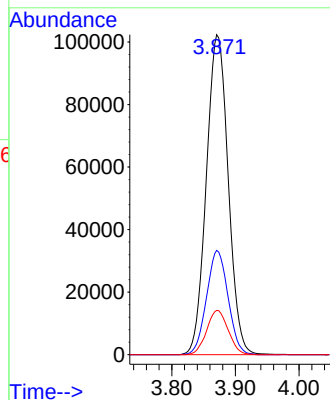
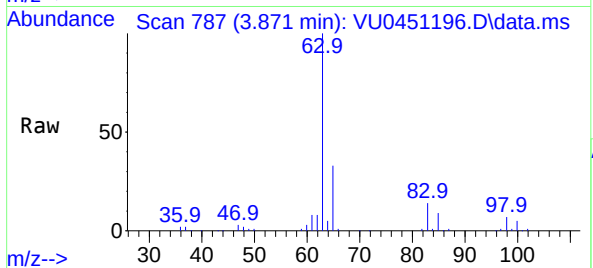


#19

1,1-Dichloroethane
Concen: 43.913 ug/L
RT: 3.871 min Scan# 787
Delta R.T. -0.003 min
Lab File: VU0451196.D
Acq: 06 Oct 2021 19:48

Instrument :
MSVOA_U
ClientSampled :

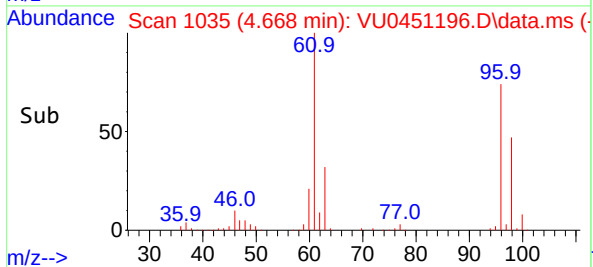
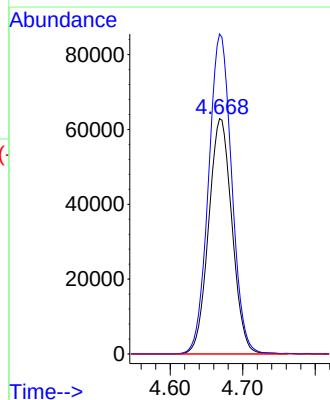
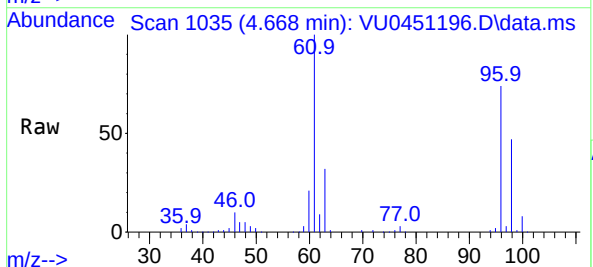
Tgt Ion: 63 Resp: 244363
Ion Ratio Lower Upper
63 100
65 32.6 22.0 40.8
83 13.9 9.0 16.6

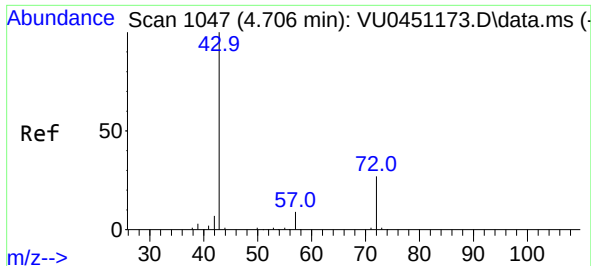


#20

cis-1,2-Dichloroethene
Concen: 47.721 ug/L
RT: 4.668 min Scan# 1035
Delta R.T. -0.003 min
Lab File: VU0451196.D
Acq: 06 Oct 2021 19:48

Tgt Ion: 96 Resp: 140658
Ion Ratio Lower Upper
96 100
61 135.9 100.2 186.0
68 0.0 0.0 0.0

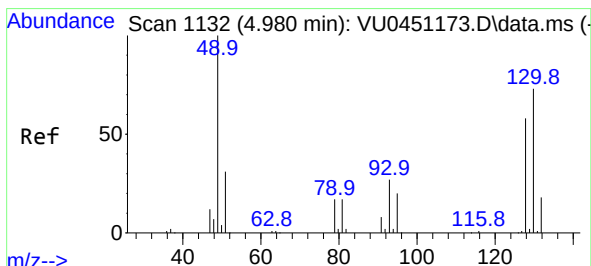
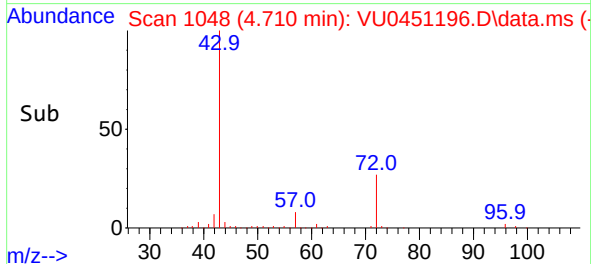
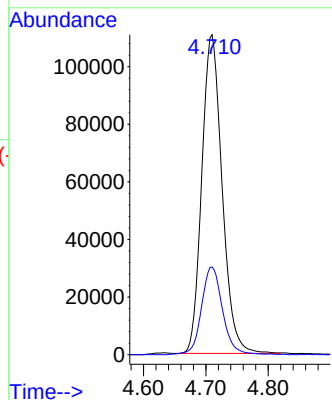
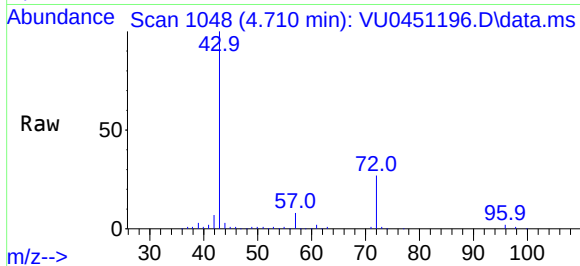




#22
2-Butanone
Concen: 68.275 ug/L
RT: 4.710 min Scan# 1048
Delta R.T. 0.003 min
Lab File: VU0451196.D
Acq: 06 Oct 2021 19:48

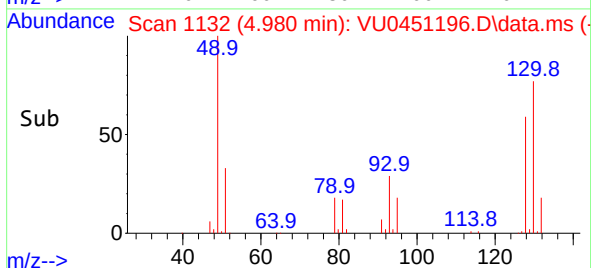
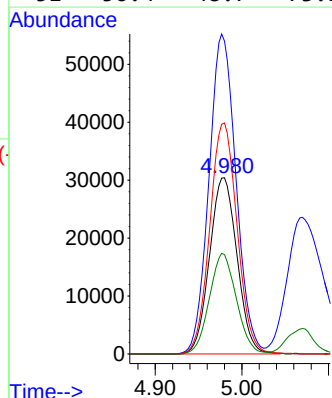
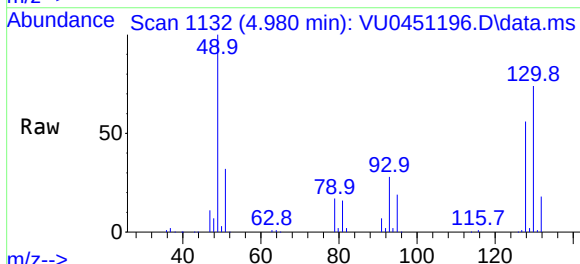
Instrument :
MSVOA_U
ClientSampled :

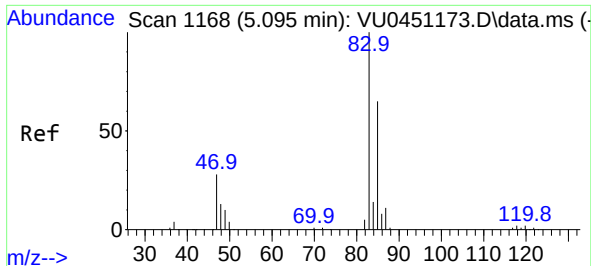
Tgt Ion: 43 Resp: 250667
Ion Ratio Lower Upper
43 100
72 28.4 13.3 39.9



#23
Bromochloromethane
Concen: 44.946 ug/L
RT: 4.980 min Scan# 1132
Delta R.T. 0.000 min
Lab File: VU0451196.D
Acq: 06 Oct 2021 19:48

Tgt Ion:128 Resp: 67159
Ion Ratio Lower Upper
128 100
49 177.5 132.9 246.7
130 131.1 88.2 163.8
51 56.4 48.7 73.1

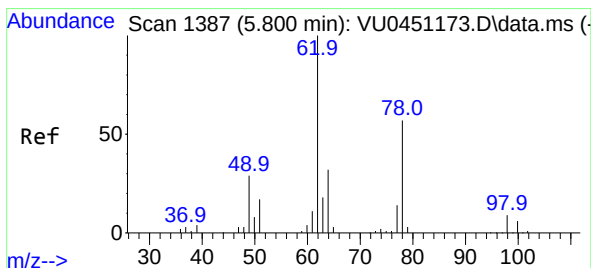
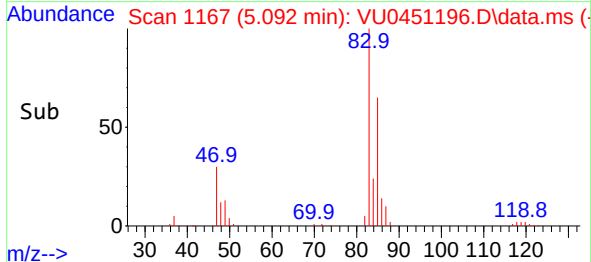
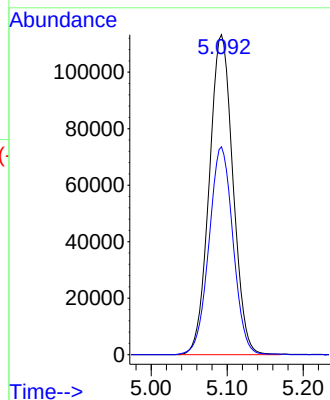
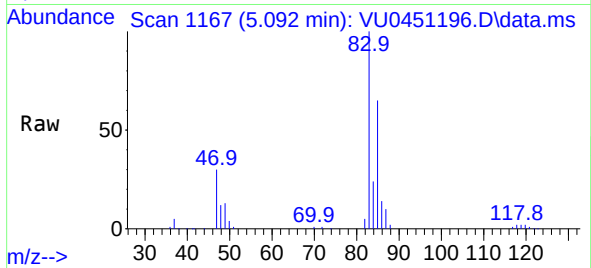




#25
Chloroform
Concen: 44.371 ug/L
RT: 5.092 min Scan# 1167
Delta R.T. -0.003 min
Lab File: VU0451196.D
Acq: 06 Oct 2021 19:48

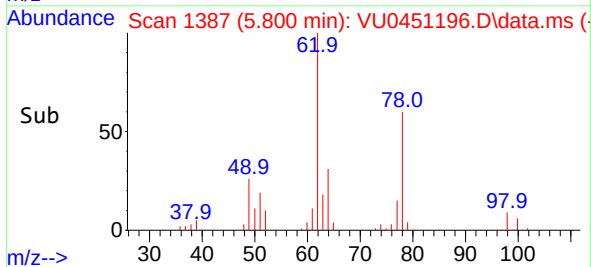
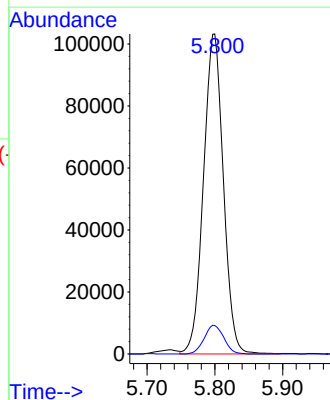
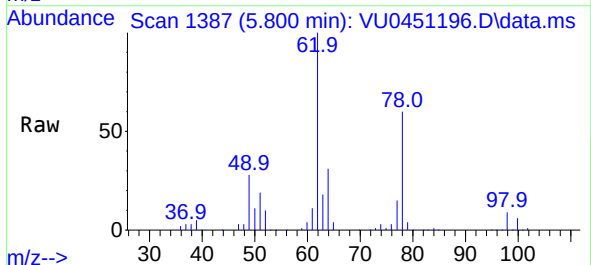
Instrument :
MSVOA_U
ClientSampleId :

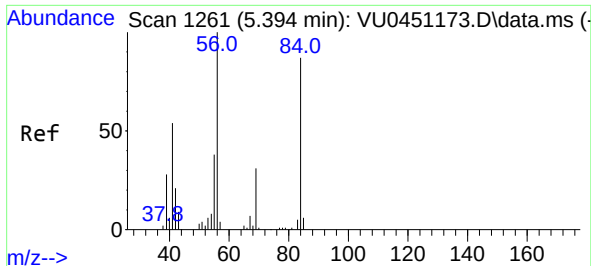
Tgt Ion: 83 Resp: 245467
Ion Ratio Lower Upper
83 100
85 65.0 45.6 84.6



#27
1,2-Dichloroethane
Concen: 45.438 ug/L
RT: 5.800 min Scan# 1387
Delta R.T. 0.000 min
Lab File: VU0451196.D
Acq: 06 Oct 2021 19:48

Tgt Ion: 62 Resp: 210246
Ion Ratio Lower Upper
62 100
98 8.9 7.1 10.7

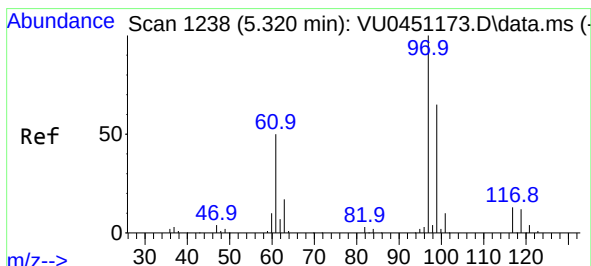
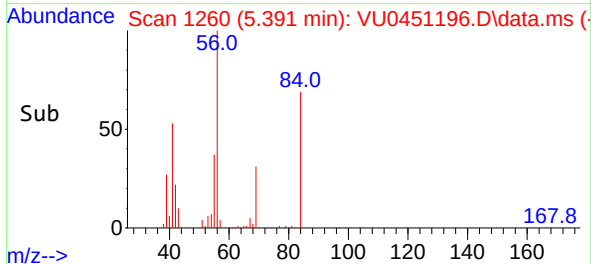
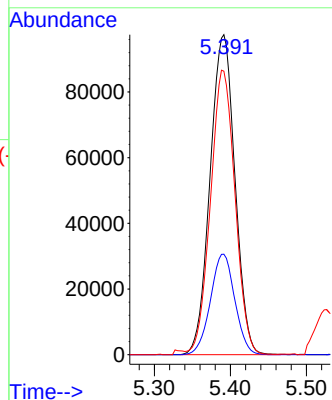
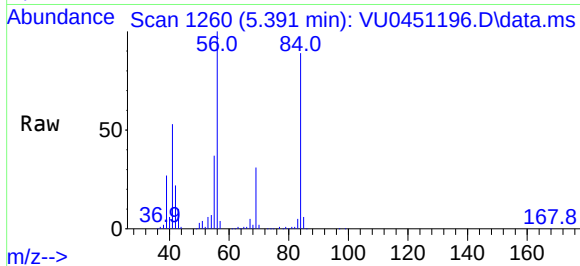




#29
Cyclohexane
Concen: 46.053 ug/L
RT: 5.391 min Scan# 1260
Delta R.T. -0.003 min
Lab File: VU0451196.D
Acq: 06 Oct 2021 19:48

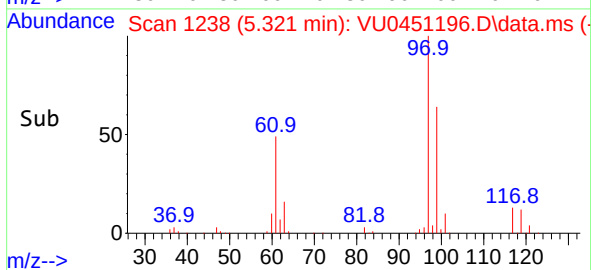
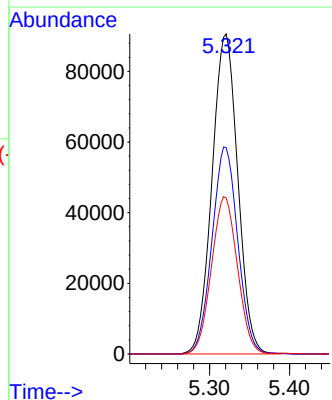
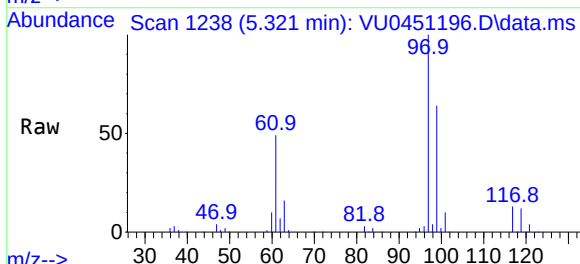
Instrument :
MSVOA_U
ClientSampleId :

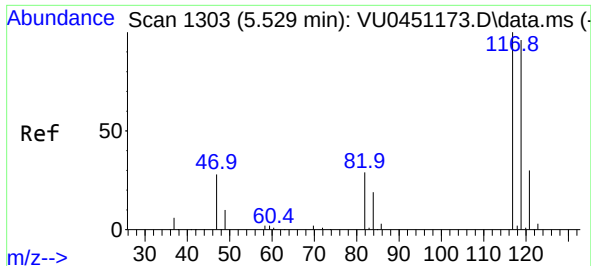
Tgt Ion: 56 Resp: 221552
Ion Ratio Lower Upper
56 100
69 30.8 23.8 35.8
84 87.5 66.8 100.2



#30
1,1,1-Trichloroethane
Concen: 45.769 ug/L
RT: 5.321 min Scan# 1238
Delta R.T. 0.000 min
Lab File: VU0451196.D
Acq: 06 Oct 2021 19:48

Tgt Ion: 97 Resp: 202777
Ion Ratio Lower Upper
97 100
99 64.7 50.6 75.8
61 49.5 41.3 61.9

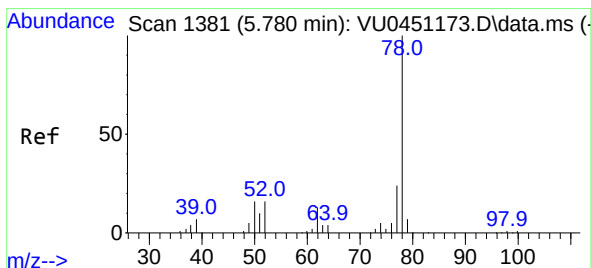
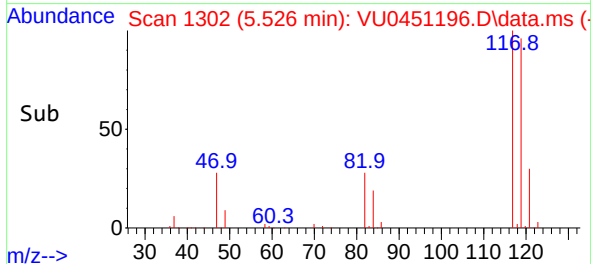
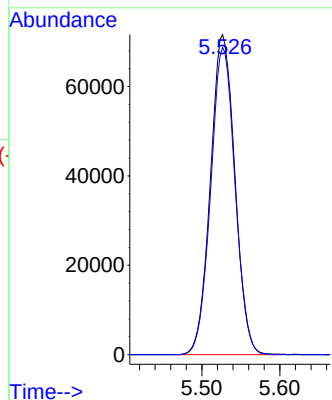
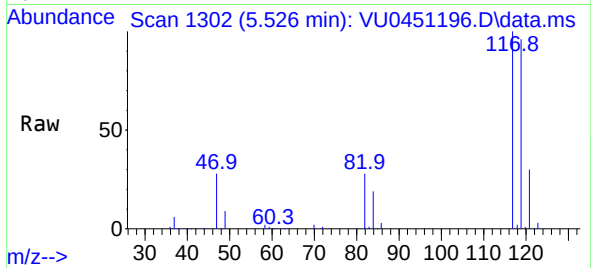




#31
Carbon tetrachloride
Concen: 44.578 ug/L
RT: 5.526 min Scan# 1302
Delta R.T. -0.003 min
Lab File: VU0451196.D
Acq: 06 Oct 2021 19:48

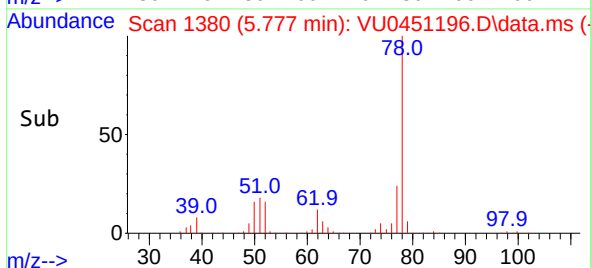
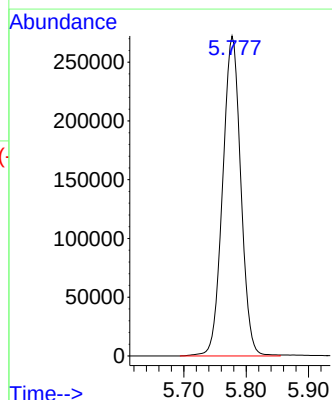
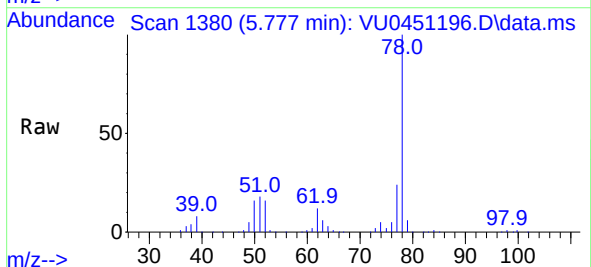
Instrument :
MSVOA_U
ClientSampled :

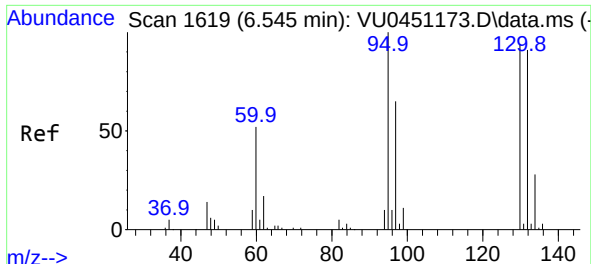
Tgt Ion:117 Resp: 155989
Ion Ratio Lower Upper
117 100
119 95.6 77.7 116.5



#33
Benzene
Concen: 46.380 ug/L
RT: 5.777 min Scan# 1380
Delta R.T. -0.003 min
Lab File: VU0451196.D
Acq: 06 Oct 2021 19:48

Tgt Ion: 78 Resp: 550553

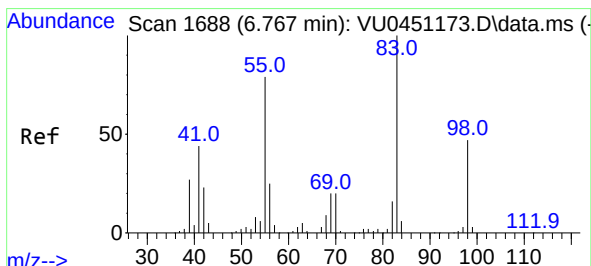
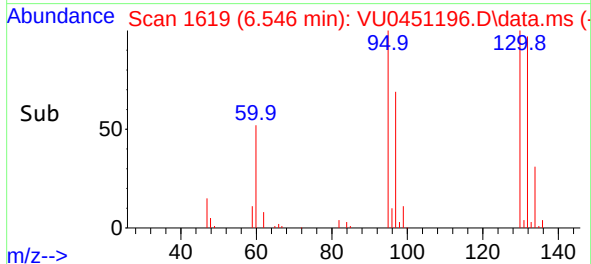
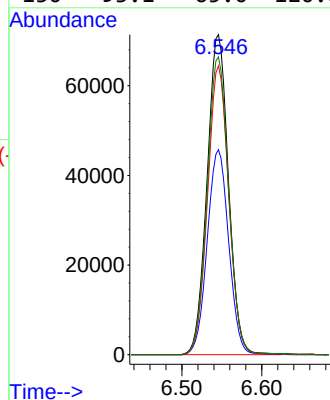
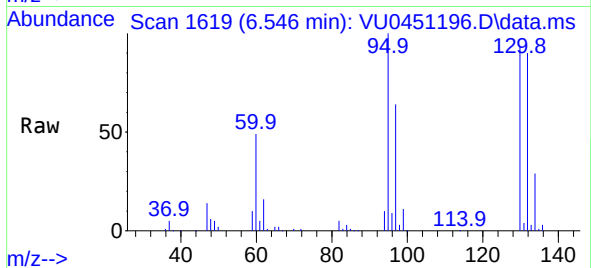




#34
Trichloroethene
Concen: 46.664 ug/L
RT: 6.546 min Scan# 1619
Delta R.T. 0.000 min
Lab File: VU0451196.D
Acq: 06 Oct 2021 19:48

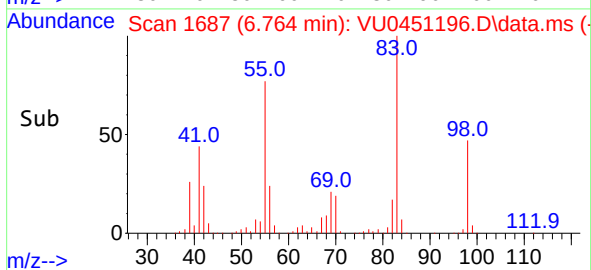
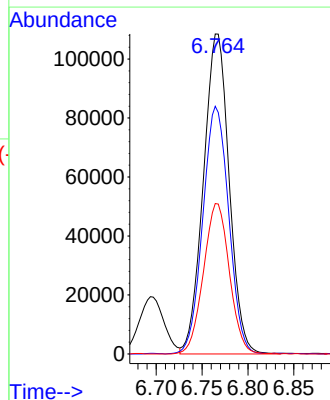
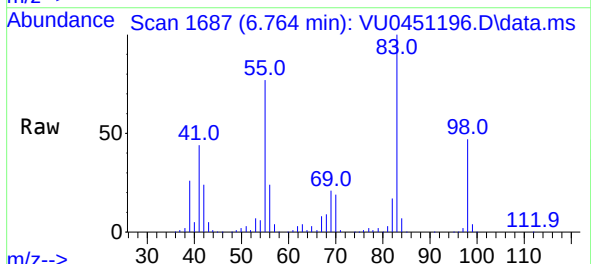
Instrument :
MSVOA_U
ClientSampled :

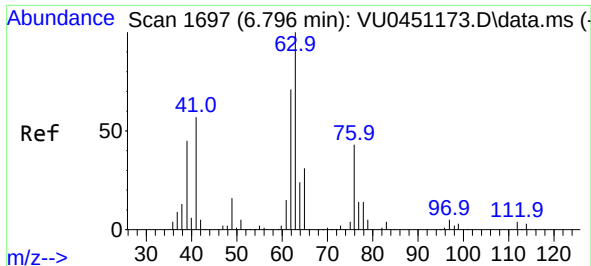
Tgt Ion: 95 Resp: 133048
Ion Ratio Lower Upper
95 100
97 64.0 44.4 82.4
132 90.3 62.9 116.9
130 93.1 65.0 120.8



#35
Methylcyclohexane
Concen: 44.498 ug/L
RT: 6.764 min Scan# 1687
Delta R.T. -0.003 min
Lab File: VU0451196.D
Acq: 06 Oct 2021 19:48

Tgt Ion: 83 Resp: 212409
Ion Ratio Lower Upper
83 100
55 77.9 65.8 98.6
98 47.3 37.1 55.7

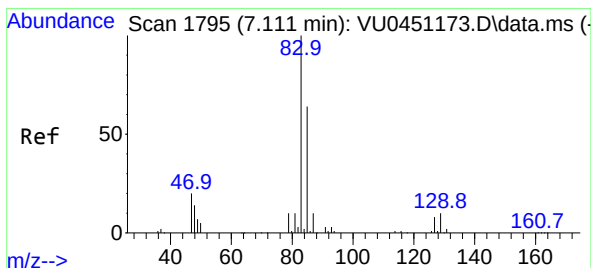
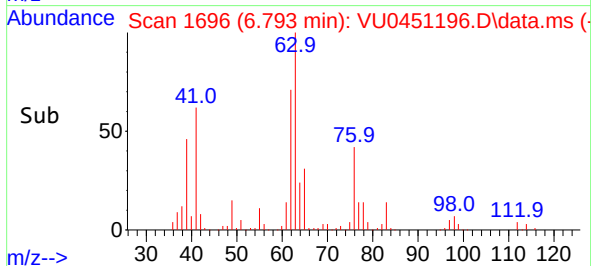
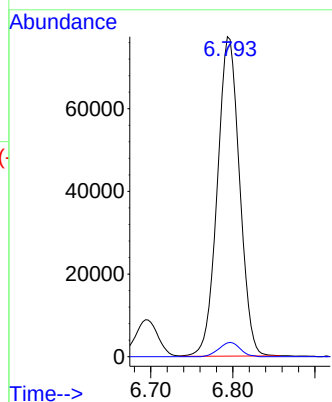
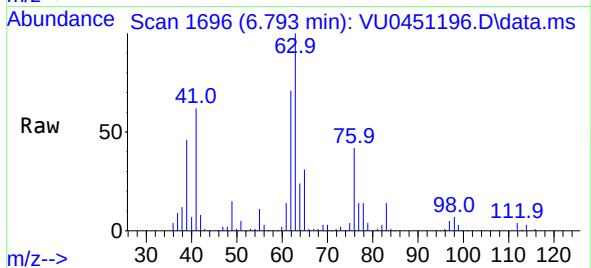




#37
1,2-Dichloropropane
Concen: 44.980 ug/L
RT: 6.793 min Scan# 1696
Delta R.T. -0.003 min
Lab File: VU0451196.D
Acq: 06 Oct 2021 19:48

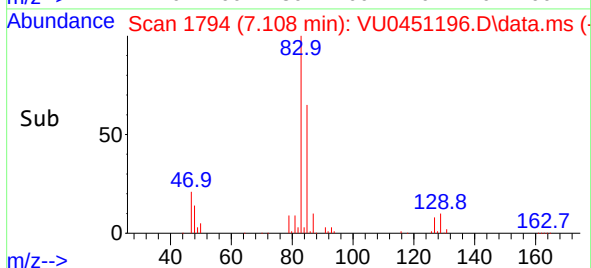
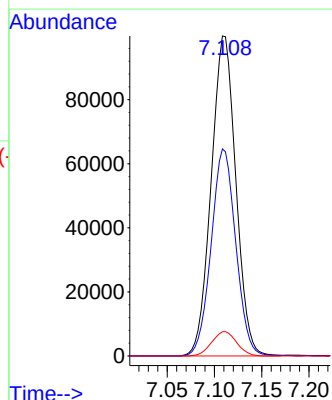
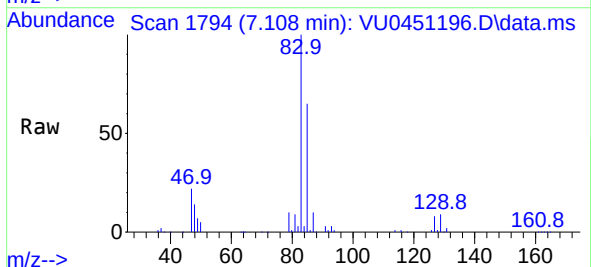
Instrument :
MSVOA_U
ClientSampleId :

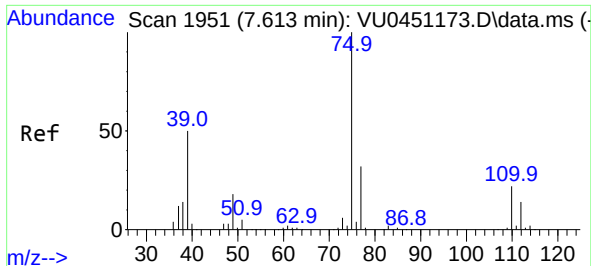
Tgt Ion: 63 Resp: 145376
Ion Ratio Lower Upper
63 100
112 4.3 3.2 4.8



#38
Bromodichloromethane
Concen: 45.761 ug/L
RT: 7.108 min Scan# 1794
Delta R.T. -0.003 min
Lab File: VU0451196.D
Acq: 06 Oct 2021 19:48

Tgt Ion: 83 Resp: 181295
Ion Ratio Lower Upper
83 100
85 64.7 44.6 82.8
127 7.5 6.2 9.2

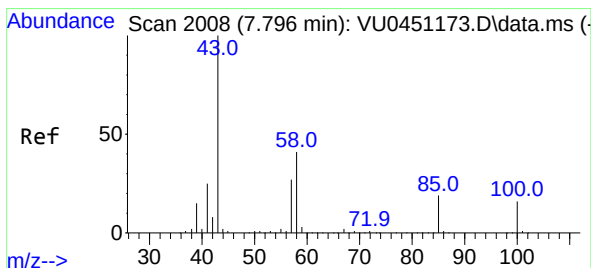
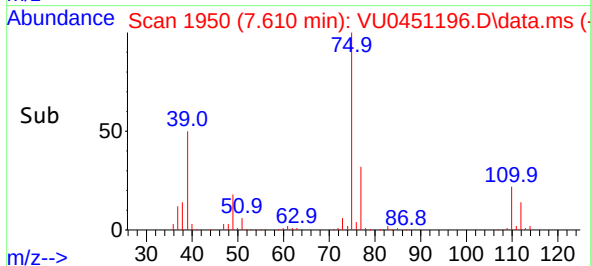
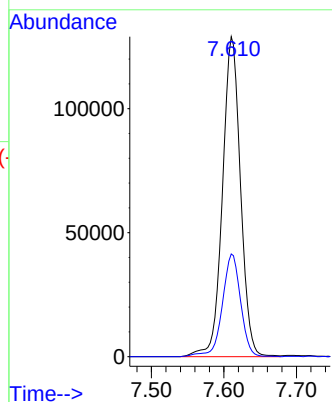
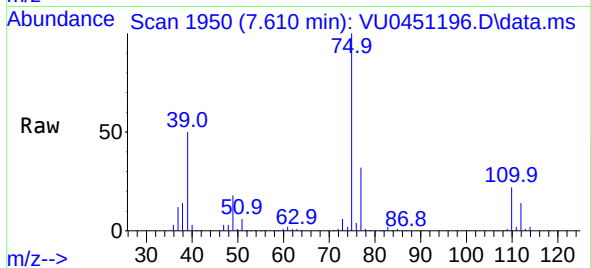




#39
cis-1,3-Dichloropropene
Concen: 48.212 ug/L
RT: 7.610 min Scan# 1950
Delta R.T. -0.003 min
Lab File: VU0451196.D
Acq: 06 Oct 2021 19:48

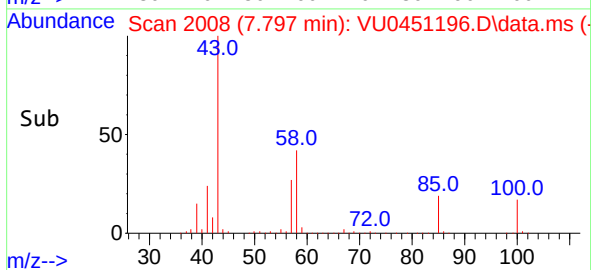
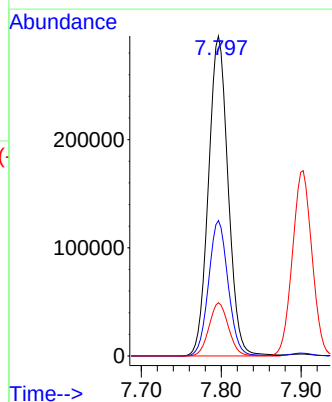
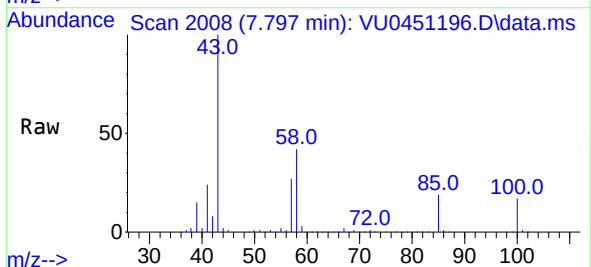
Instrument :
MSVOA_U
ClientSampleId :

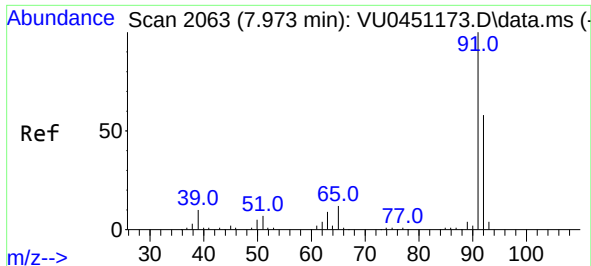
Tgt Ion: 75 Resp: 222958
Ion Ratio Lower Upper
75 100
77 32.1 22.4 41.6



#40
4-Methyl-2-pentanone
Concen: 93.702 ug/L
RT: 7.797 min Scan# 2008
Delta R.T. 0.000 min
Lab File: VU0451196.D
Acq: 06 Oct 2021 19:48

Tgt Ion: 43 Resp: 505898
Ion Ratio Lower Upper
43 100
58 42.0 31.8 47.8
100 16.4 11.8 17.6

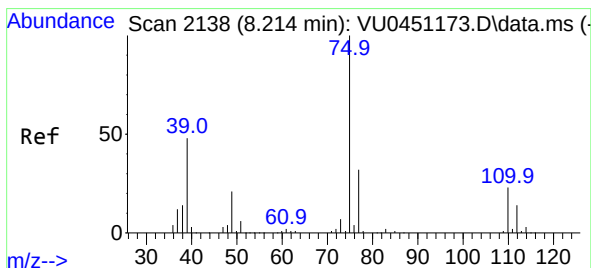
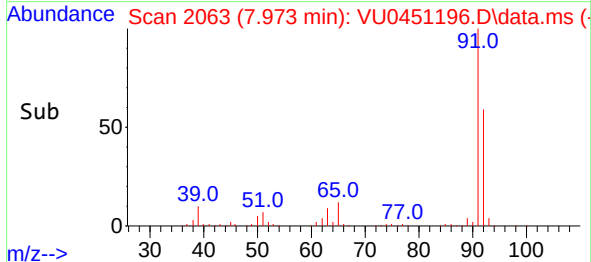
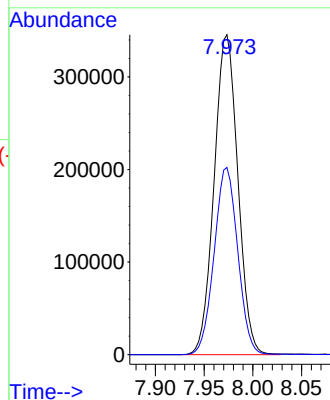
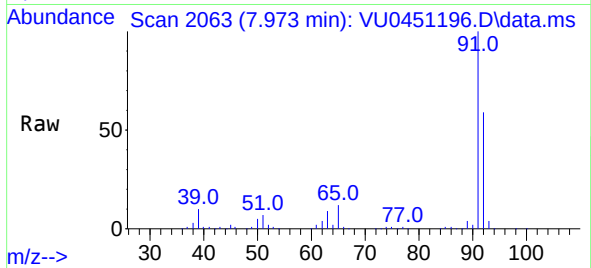




#42
Toluene
Concen: 48.611 ug/L
RT: 7.973 min Scan# 2063
Delta R.T. 0.000 min
Lab File: VU0451196.D
Acq: 06 Oct 2021 19:48

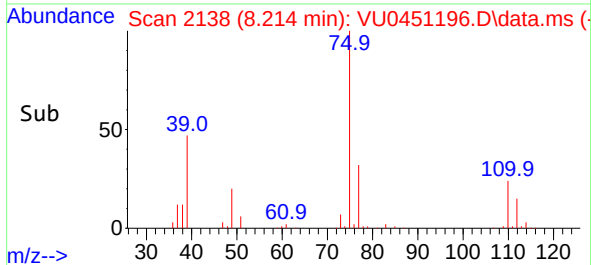
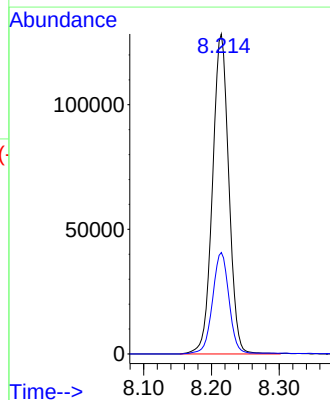
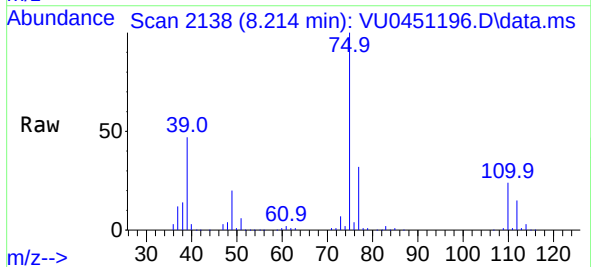
Instrument :
MSVOA_U
ClientSampleId :

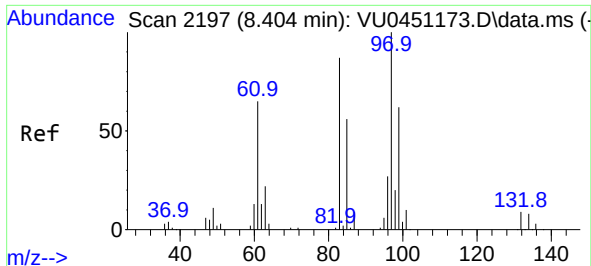
Tgt Ion: 91 Resp: 586301
Ion Ratio Lower Upper
91 100
92 58.5 40.5 75.1



#44
trans-1,3-Dichloropropene
Concen: 48.791 ug/L
RT: 8.214 min Scan# 2138
Delta R.T. 0.000 min
Lab File: VU0451196.D
Acq: 06 Oct 2021 19:48

Tgt Ion: 75 Resp: 214547
Ion Ratio Lower Upper
75 100
77 31.7 21.7 40.3



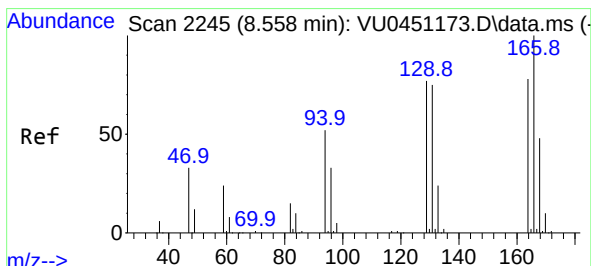
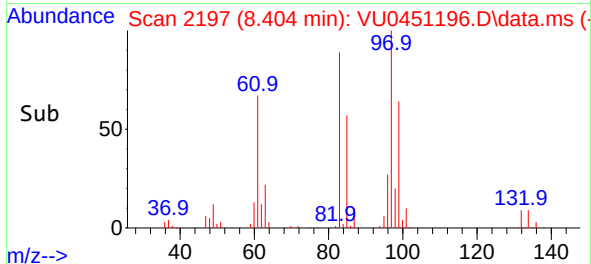
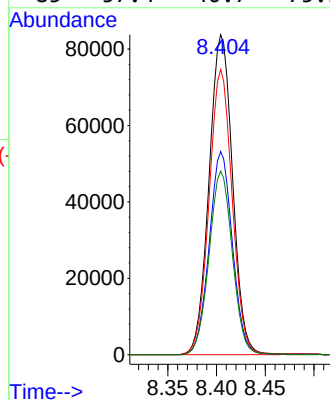
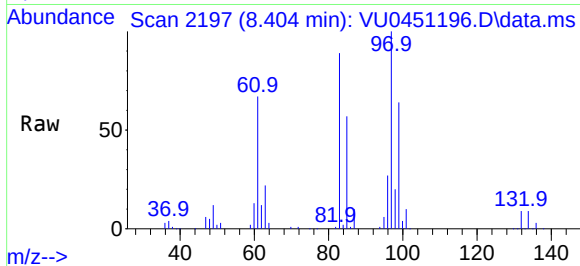


#45
1,1,2-Trichloroethane
Concen: 48.092 ug/L
RT: 8.404 min Scan# 2197
Delta R.T. 0.000 min
Lab File: VU0451196.D
Acq: 06 Oct 2021 19:48

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 97 Resp: 140861

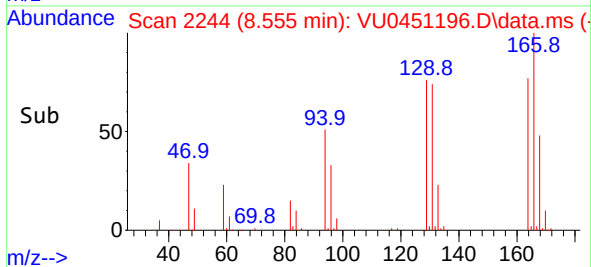
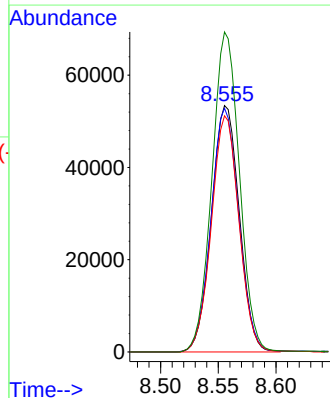
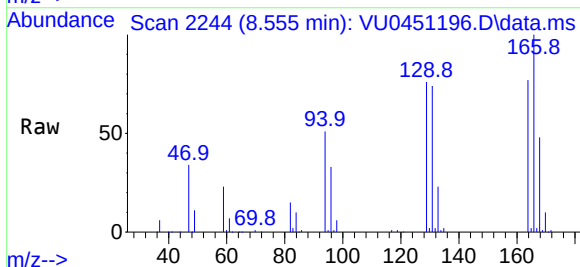
Ion	Ratio	Lower	Upper
97	100		
99	63.5	43.7	81.1
83	89.1	61.9	115.1
85	57.4	40.7	75.5

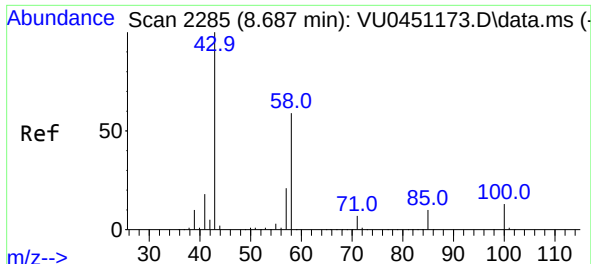


#46
Tetrachloroethene
Concen: 43.979 ug/L
RT: 8.555 min Scan# 2244
Delta R.T. -0.003 min
Lab File: VU0451196.D
Acq: 06 Oct 2021 19:48

Tgt Ion: 164 Resp: 89627

Ion	Ratio	Lower	Upper
164	100		
129	98.9	69.8	129.6
131	95.8	66.4	123.2
166	129.8	91.1	169.3

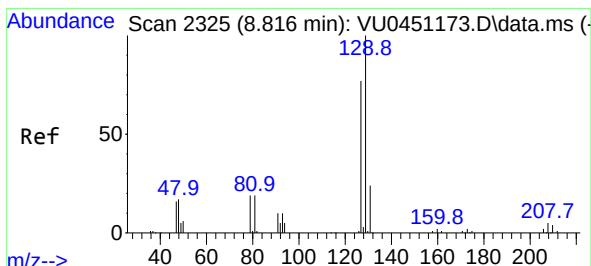
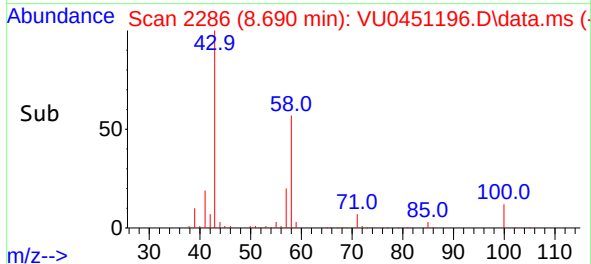
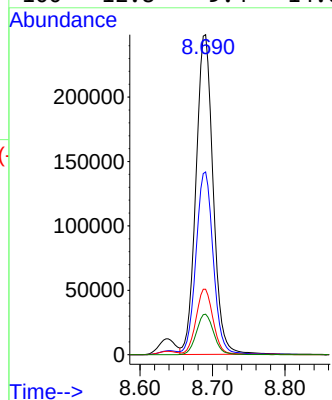
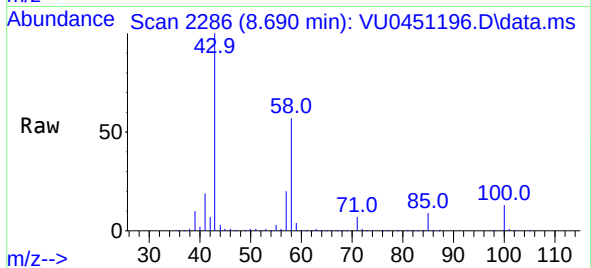




#48
2-Hexanone
Concen: 85.041 ug/L
RT: 8.690 min Scan# 2286
Delta R.T. 0.003 min
Lab File: VU0451196.D
Acq: 06 Oct 2021 19:48

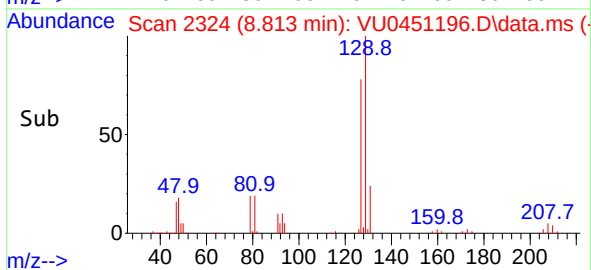
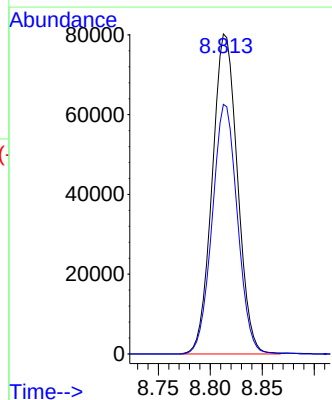
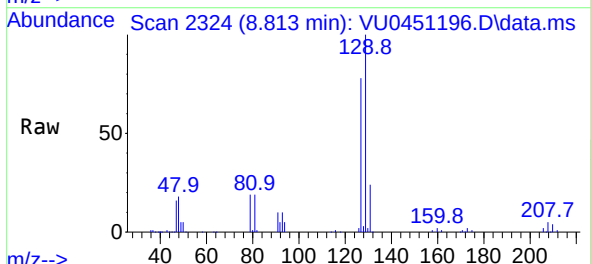
Instrument :
MSVOA_U
ClientSampleId :

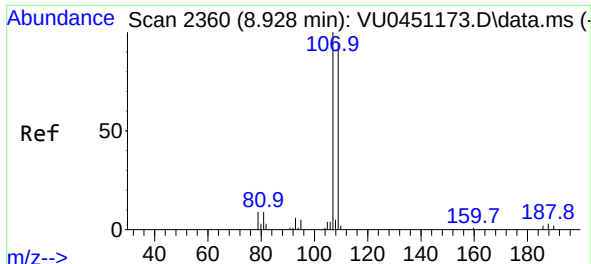
Tgt Ion: 43 Resp: 407147
Ion Ratio Lower Upper
43 100
58 57.6 44.9 67.3
57 20.5 15.5 23.3
100 12.8 9.4 14.0



#49
Dibromochloromethane
Concen: 46.809 ug/L
RT: 8.813 min Scan# 2324
Delta R.T. -0.003 min
Lab File: VU0451196.D
Acq: 06 Oct 2021 19:48

Tgt Ion: 129 Resp: 135595
Ion Ratio Lower Upper
129 100
127 78.0 54.3 100.8

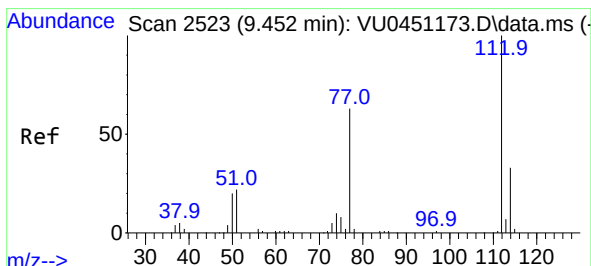
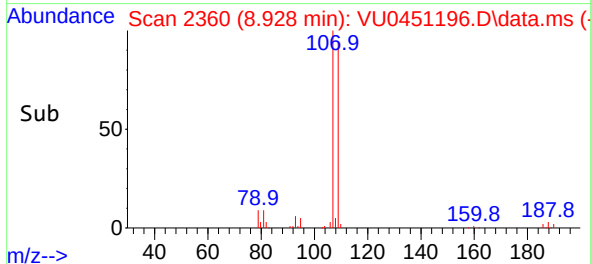
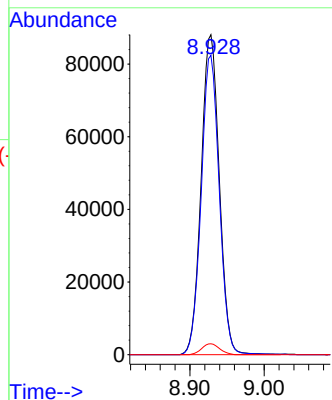
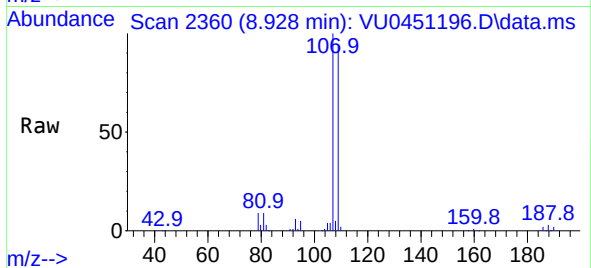




#50
1,2-Dibromoethane
Concen: 48.814 ug/L
RT: 8.928 min Scan# 2360
Delta R.T. 0.000 min
Lab File: VU0451196.D
Acq: 06 Oct 2021 19:48

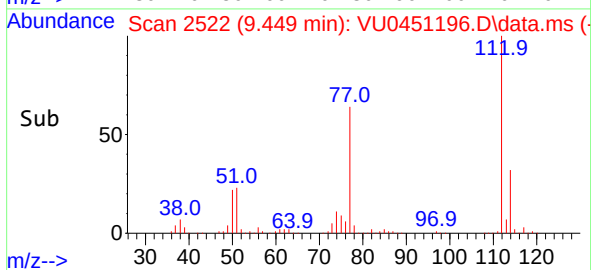
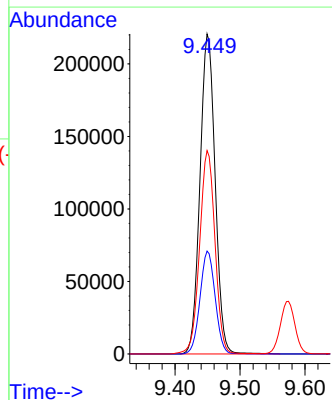
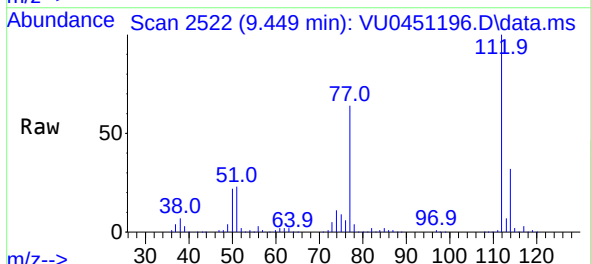
Instrument :
MSVOA_U
ClientSampled :

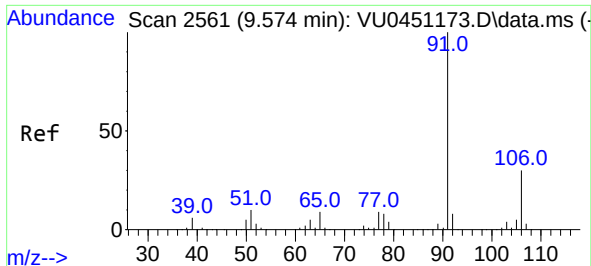
Tgt Ion:107 Resp: 149695
Ion Ratio Lower Upper
107 100
109 93.5 65.5 121.6
188 3.6 2.6 3.8



#51
Chlorobenzene
Concen: 48.203 ug/L
RT: 9.449 min Scan# 2522
Delta R.T. -0.003 min
Lab File: VU0451196.D
Acq: 06 Oct 2021 19:48

Tgt Ion:112 Resp: 358924
Ion Ratio Lower Upper
112 100
114 32.1 22.5 41.9
77 63.5 50.6 75.8

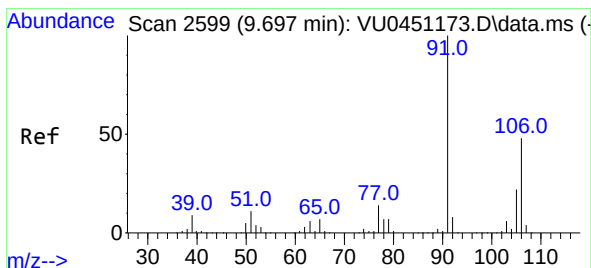
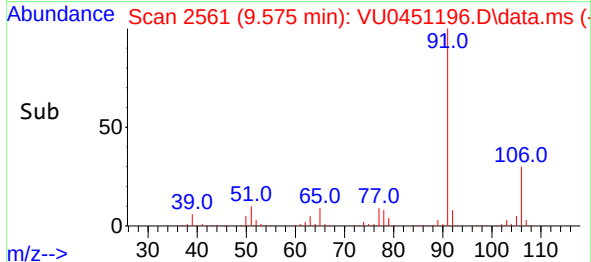
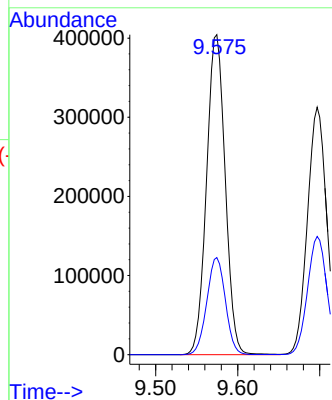
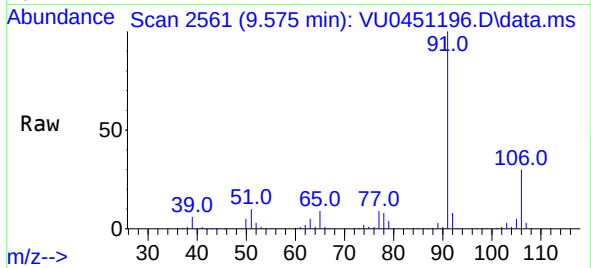




#52
Ethylbenzene
Concen: 50.089 ug/L
RT: 9.575 min Scan# 2561
Delta R.T. 0.000 min
Lab File: VU0451196.D
Acq: 06 Oct 2021 19:48

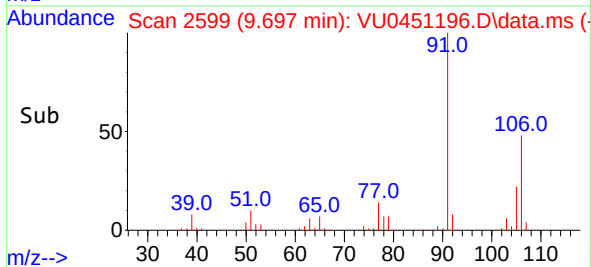
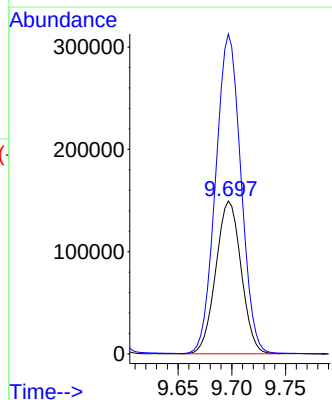
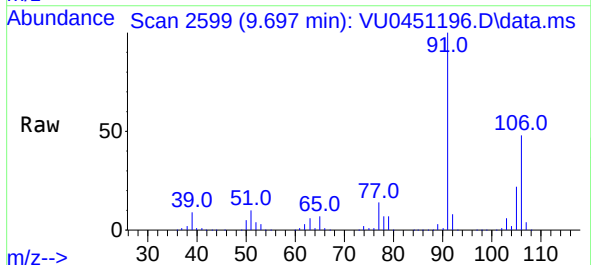
Instrument :
MSVOA_U
ClientSampleId :

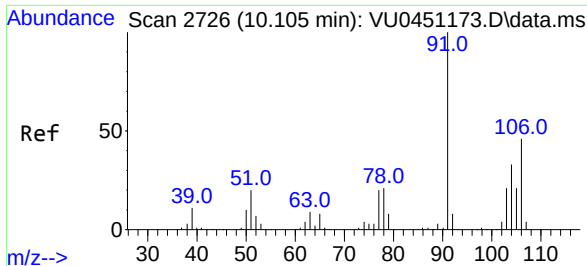
Tgt Ion: 91 Resp: 638206
Ion Ratio Lower Upper
91 100
106 30.4 21.2 39.4



#53
m,p-Xylene
Concen: 50.655 ug/L
RT: 9.697 min Scan# 2599
Delta R.T. 0.000 min
Lab File: VU0451196.D
Acq: 06 Oct 2021 19:48

Tgt Ion:106 Resp: 244499
Ion Ratio Lower Upper
106 100
91 209.2 146.7 272.4

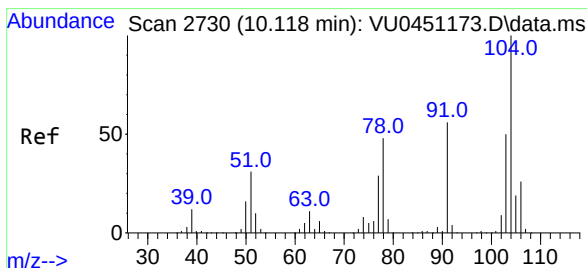
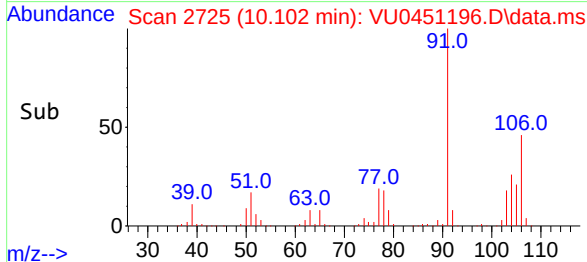
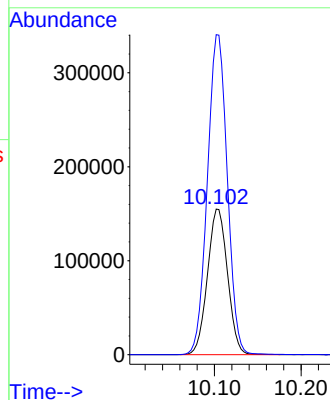
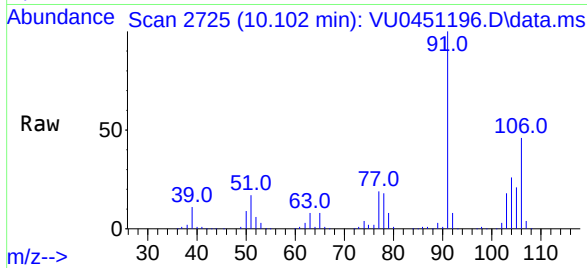




#54
o-xylene
Concen: 52.550 ug/L
RT: 10.102 min Scan# 2725
Delta R.T. -0.003 min
Lab File: VU0451196.D
Acq: 06 Oct 2021 19:48

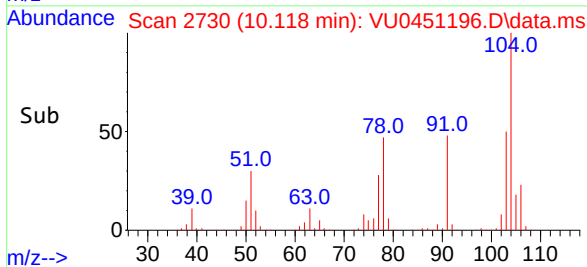
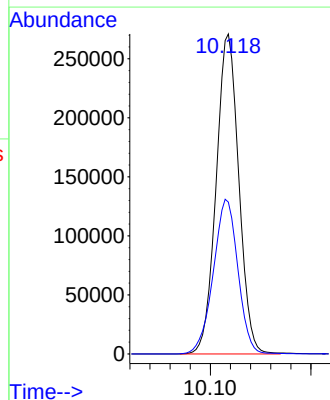
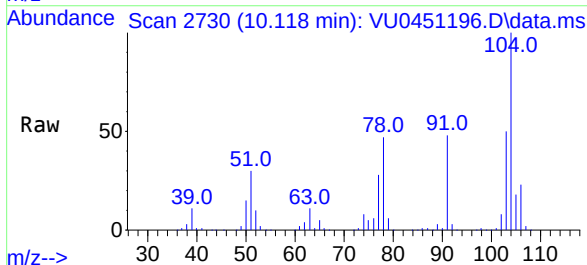
Instrument :
MSVOA_U
ClientSampleId :

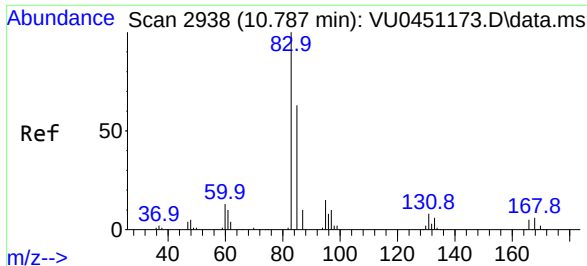
Tgt Ion:106 Resp: 249246
Ion Ratio Lower Upper
106 100
91 219.7 152.9 283.9



#55
Styrene
Concen: 51.958 ug/L
RT: 10.118 min Scan# 2730
Delta R.T. 0.000 min
Lab File: VU0451196.D
Acq: 06 Oct 2021 19:48

Tgt Ion:104 Resp: 423801
Ion Ratio Lower Upper
104 100
78 47.5 33.3 61.9

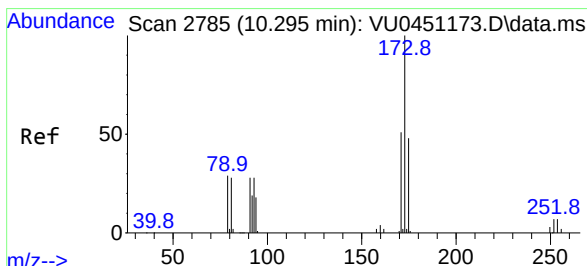
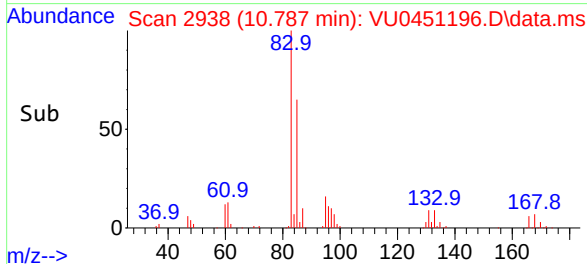
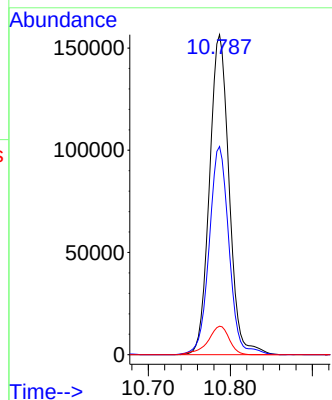
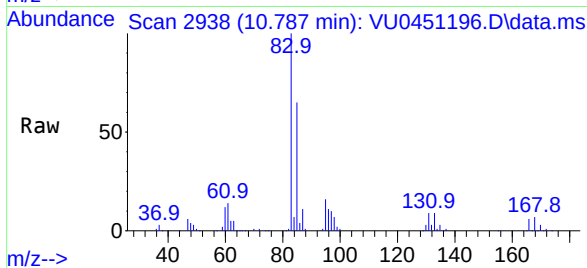




#57
1,1,2,2-Tetrachloroethane
Concen: 46.422 ug/L
RT: 10.787 min Scan# 2938
Delta R.T. 0.000 min
Lab File: VU0451196.D
Acq: 06 Oct 2021 19:48

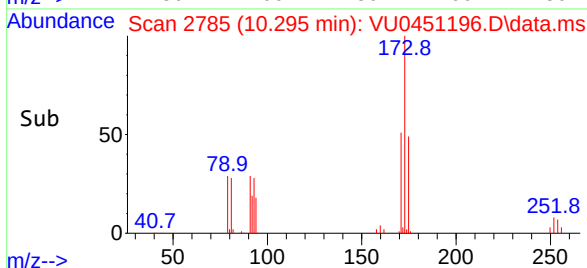
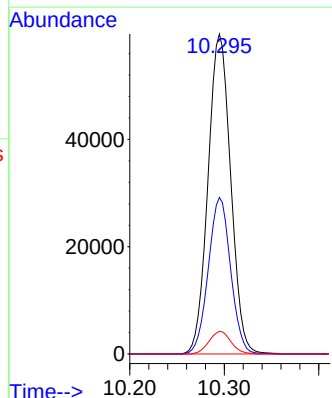
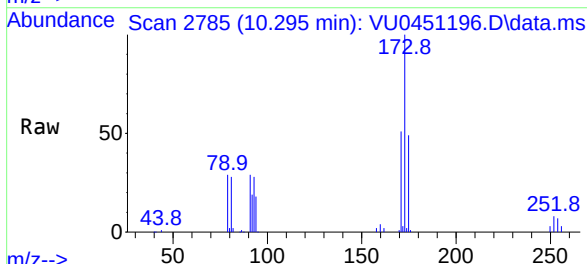
Instrument :
MSVOA_U
ClientSampleId :

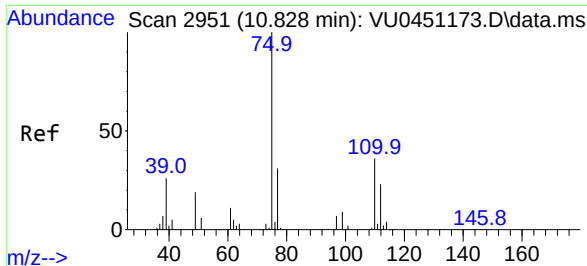
Tgt Ion:	83	Resp:	260349
Ion	Ratio	Lower	Upper
83	100		
85	65.1	45.1	83.7
131	8.9	6.9	10.3



#59
Bromoform
Concen: 50.339 ug/L
RT: 10.295 min Scan# 2785
Delta R.T. 0.000 min
Lab File: VU0451196.D
Acq: 06 Oct 2021 19:48

Tgt Ion:	173	Resp:	99413
Ion	Ratio	Lower	Upper
173	100		
175	48.1	38.4	57.6
254	6.9	5.3	7.9

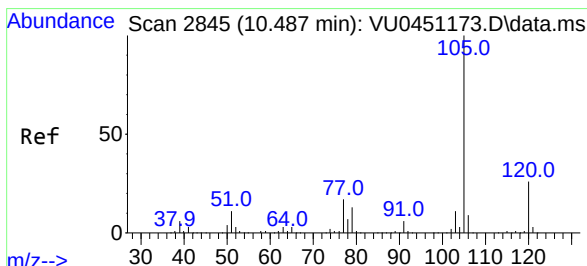
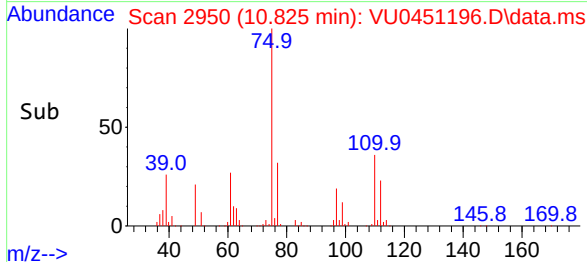
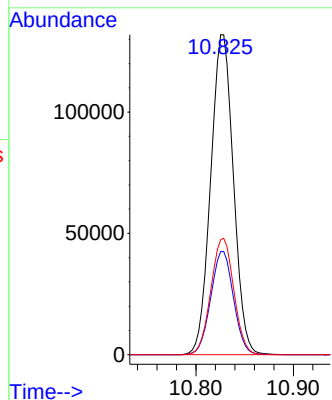
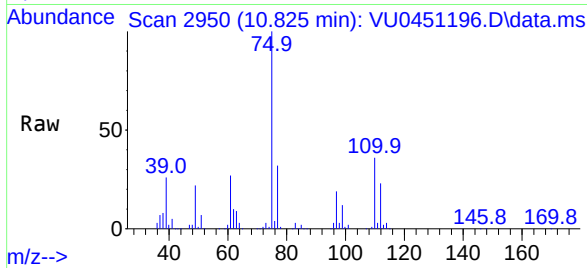




#60
1,2,3-Trichloropropane
Concen: 48.531 ug/L
RT: 10.825 min Scan# 2950
Delta R.T. -0.003 min
Lab File: VU0451196.D
Acq: 06 Oct 2021 19:48

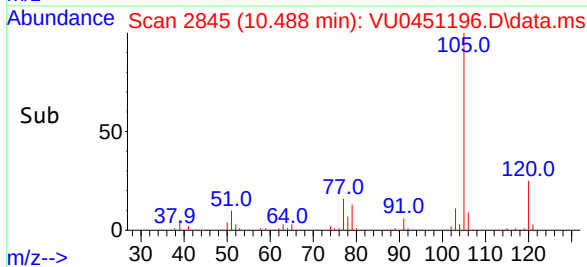
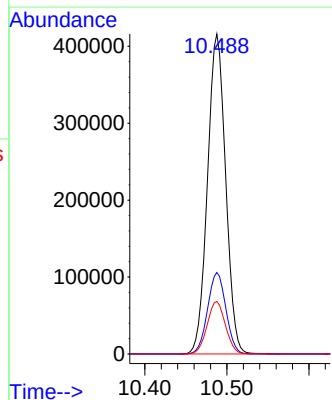
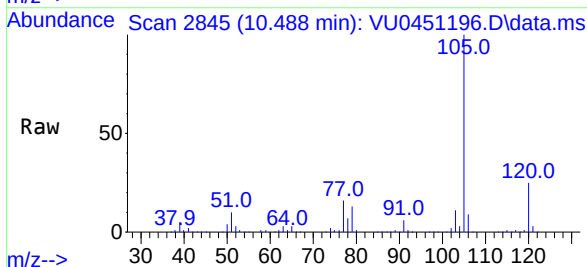
Instrument :
MSVOA_U
ClientSampleId :

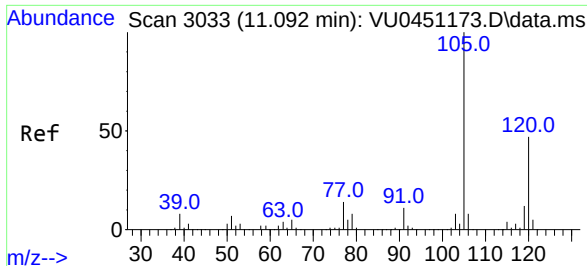
Tgt Ion: 75 Resp: 213739
Ion Ratio Lower Upper
75 100
77 32.4 25.5 38.3
110 36.7 29.0 43.4



#61
Isopropylbenzene
Concen: 54.787 ug/L
RT: 10.488 min Scan# 2845
Delta R.T. 0.000 min
Lab File: VU0451196.D
Acq: 06 Oct 2021 19:48

Tgt Ion: 105 Resp: 638458
Ion Ratio Lower Upper
105 100
120 25.7 20.5 30.7
77 16.5 13.5 20.3

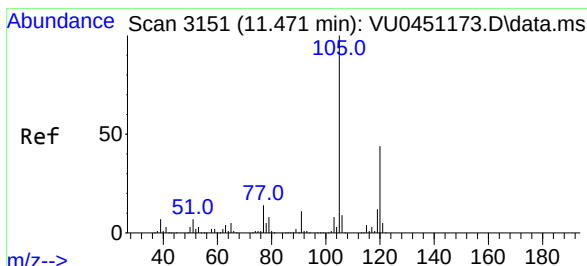
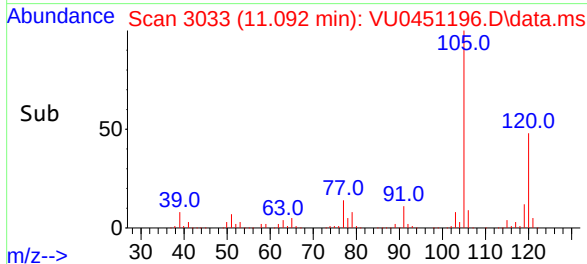
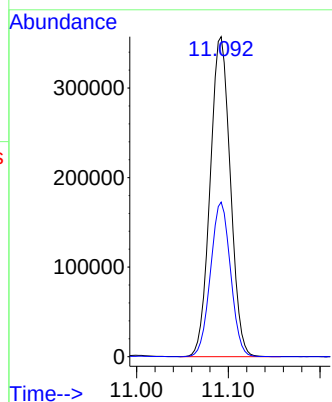
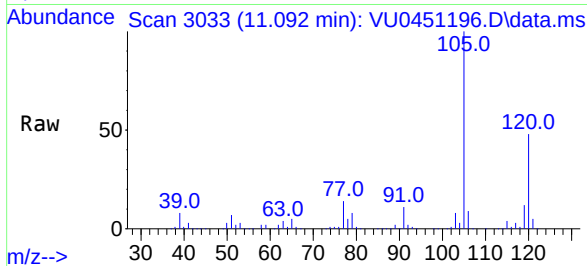




#62
1,3,5-Trimethylbenzene
Concen: 56.028 ug/L
RT: 11.092 min Scan# 3033
Delta R.T. 0.000 min
Lab File: VU0451196.D
Acq: 06 Oct 2021 19:48

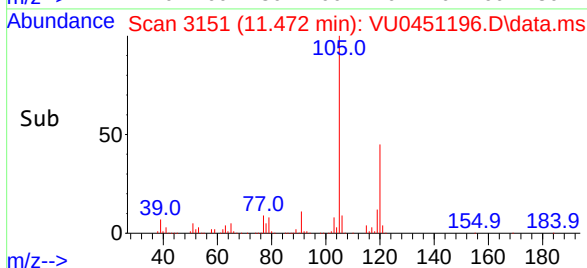
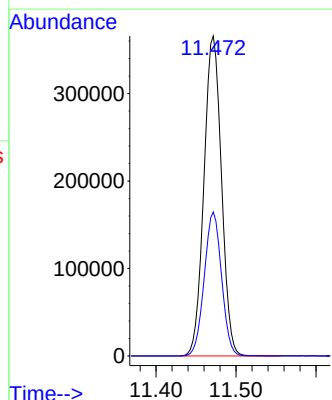
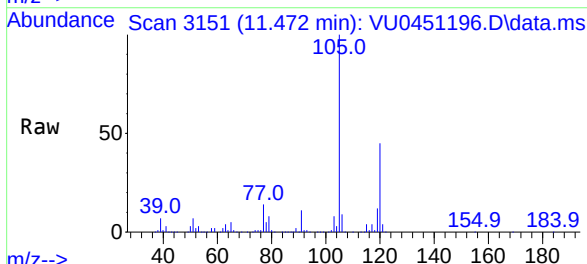
Instrument :
MSVOA_U
ClientSampled :

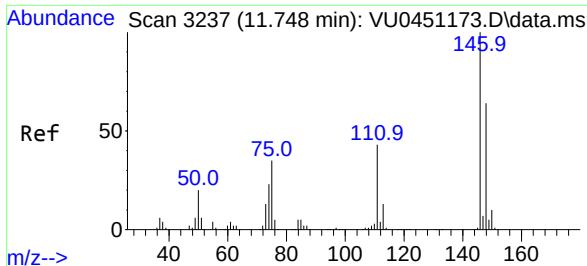
Tgt Ion:105 Resp: 545283
Ion Ratio Lower Upper
105 100
120 47.9 38.8 58.2



#63
1,2,4-Trimethylbenzene
Concen: 56.046 ug/L
RT: 11.472 min Scan# 3151
Delta R.T. 0.000 min
Lab File: VU0451196.D
Acq: 06 Oct 2021 19:48

Tgt Ion:105 Resp: 558560
Ion Ratio Lower Upper
105 100
120 44.3 35.7 53.5

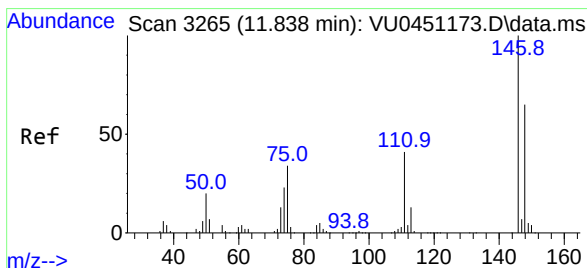
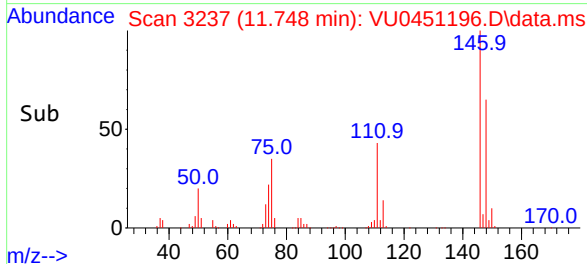
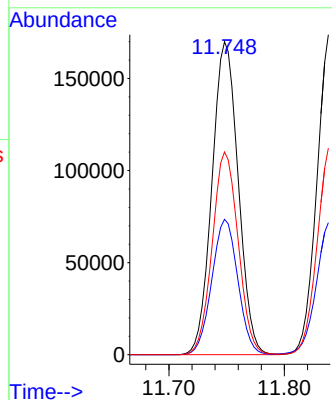
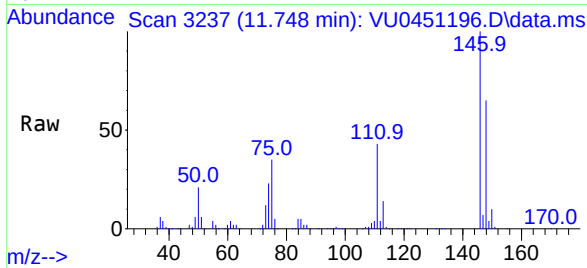




#64
1,3-Dichlorobenzene
Concen: 49.816 ug/L
RT: 11.748 min Scan# 3237
Delta R.T. 0.000 min
Lab File: VU0451196.D
Acq: 06 Oct 2021 19:48

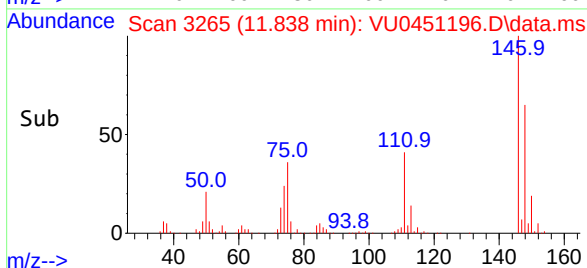
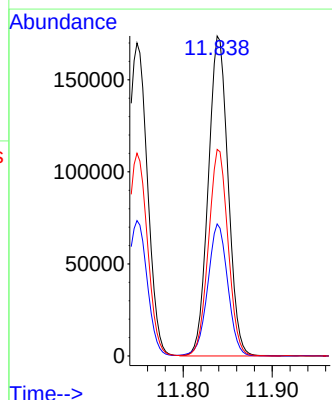
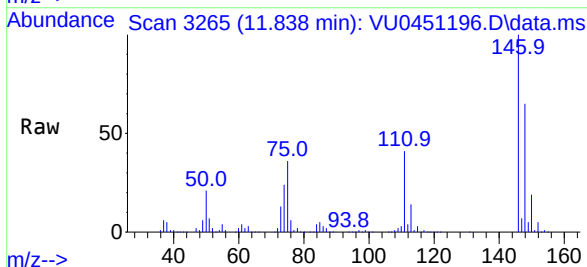
Instrument :
MSVOA_U
ClientSampleId :

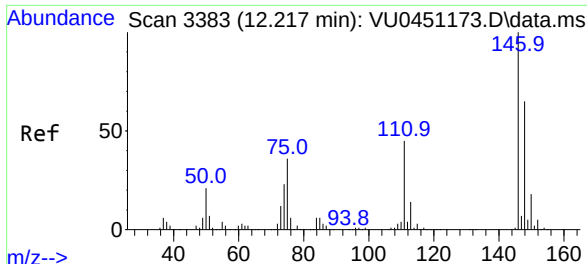
Tgt Ion:146 Resp: 268283
Ion Ratio Lower Upper
146 100
111 43.3 29.0 53.8
148 64.8 44.8 83.2



#65
1,4-Dichlorobenzene
Concen: 48.476 ug/L
RT: 11.838 min Scan# 3265
Delta R.T. 0.000 min
Lab File: VU0451196.D
Acq: 06 Oct 2021 19:48

Tgt Ion:146 Resp: 267856
Ion Ratio Lower Upper
146 100
111 41.2 28.5 52.9
148 64.5 45.5 84.5

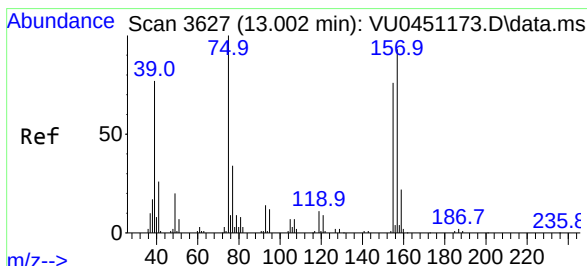
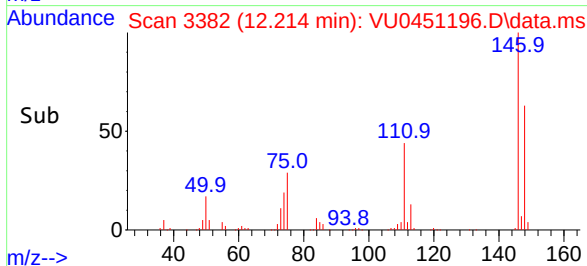
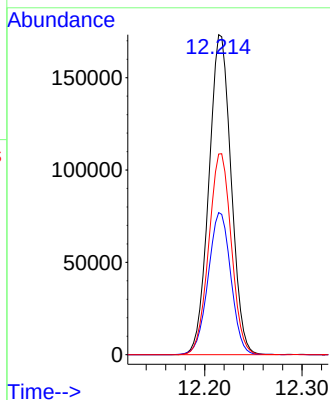
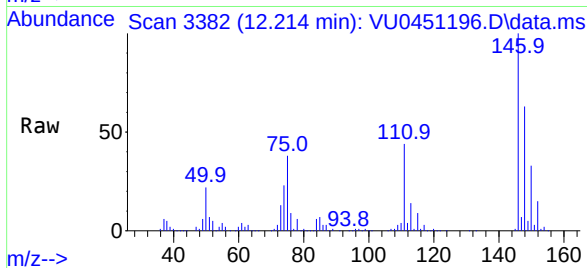




#67
1,2-Dichlorobenzene
Concen: 49.773 ug/L
RT: 12.214 min Scan# 3382
Delta R.T. -0.003 min
Lab File: VU0451196.D
Acq: 06 Oct 2021 19:48

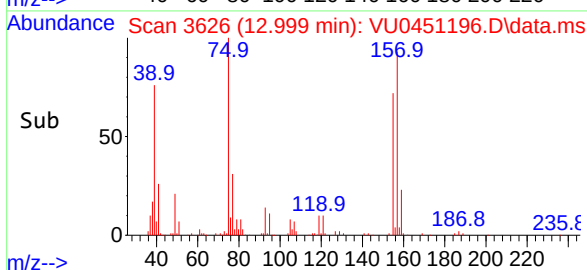
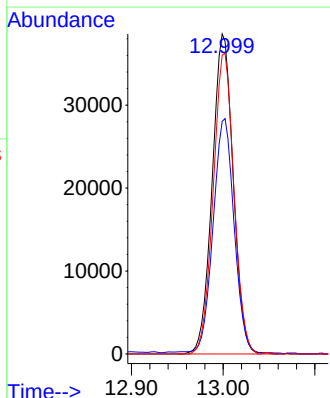
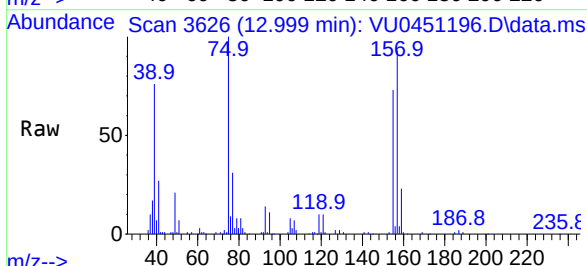
Instrument :
MSVOA_U
ClientSampled :

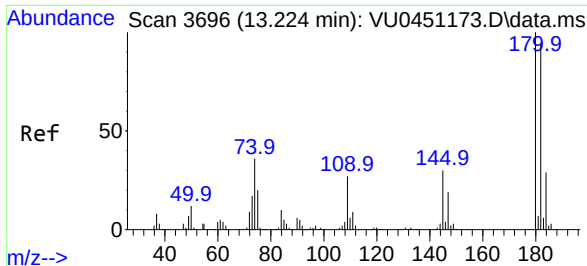
Tgt Ion:146 Resp: 275177
Ion Ratio Lower Upper
146 100
111 44.4 34.7 52.1
148 62.7 51.0 76.6



#68
1,2-Dibromo-3-chloropropane
Concen: 48.442 ug/L
RT: 12.999 min Scan# 3626
Delta R.T. -0.003 min
Lab File: VU0451196.D
Acq: 06 Oct 2021 19:48

Tgt Ion: 75 Resp: 61311
Ion Ratio Lower Upper
75 100
155 72.7 58.5 87.7
157 93.4 77.7 116.5

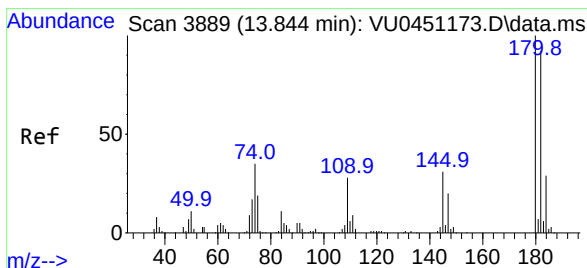
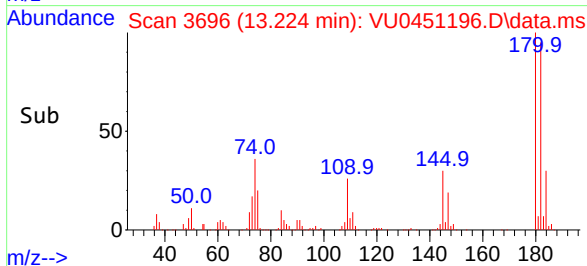
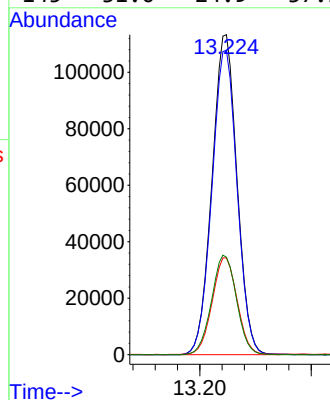
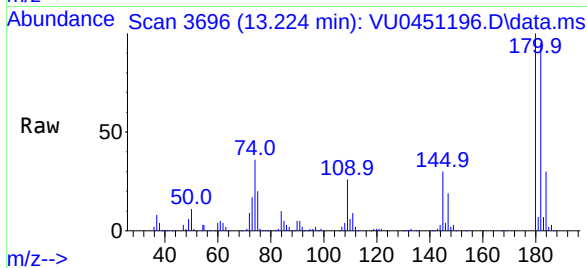




#69
1,3,5-Trichlorobenzene
Concen: 47.228 ug/L
RT: 13.224 min Scan# 3696
Delta R.T. 0.000 min
Lab File: VU0451196.D
Acq: 06 Oct 2021 19:48

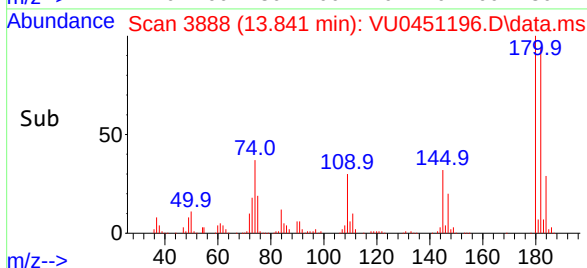
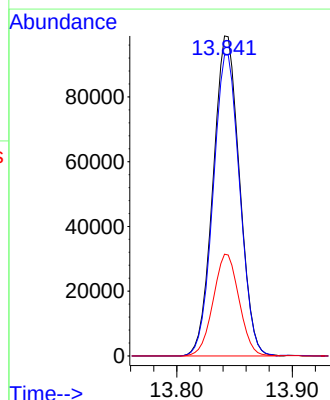
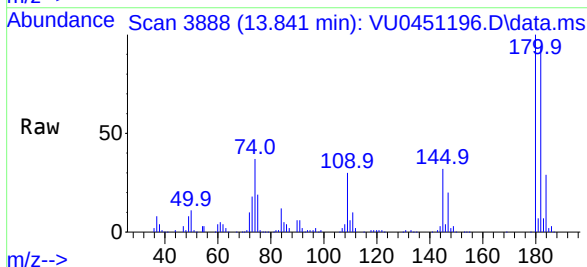
Instrument :
MSVOA_U
ClientSampleId :

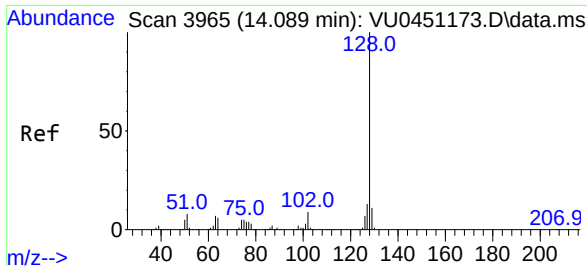
Tgt Ion:180 Resp: 176515
Ion Ratio Lower Upper
180 100
182 95.7 76.8 115.2
184 30.3 24.4 36.6
145 31.0 24.9 37.3



#70
1,2,4-trichlorobenzene
Concen: 50.556 ug/L
RT: 13.841 min Scan# 3888
Delta R.T. -0.003 min
Lab File: VU0451196.D
Acq: 06 Oct 2021 19:48

Tgt Ion:180 Resp: 157016
Ion Ratio Lower Upper
180 100
182 94.5 76.2 114.2
145 31.2 25.4 38.0

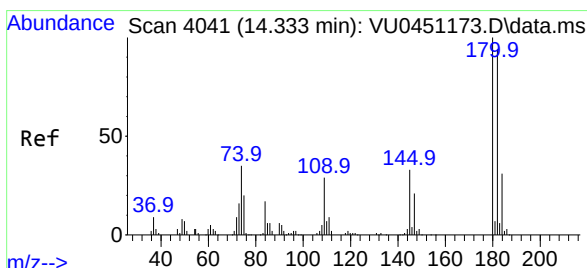
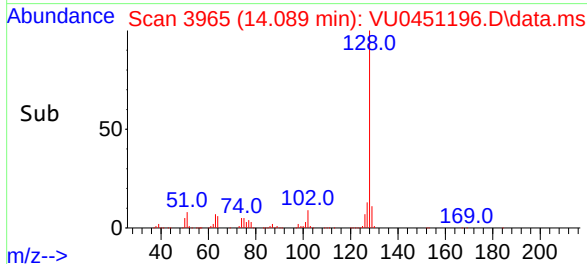
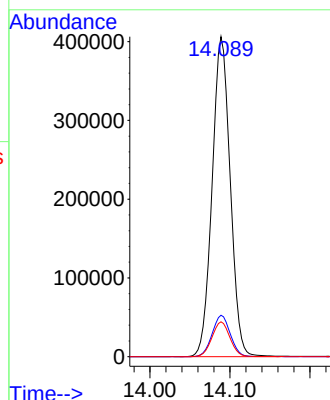
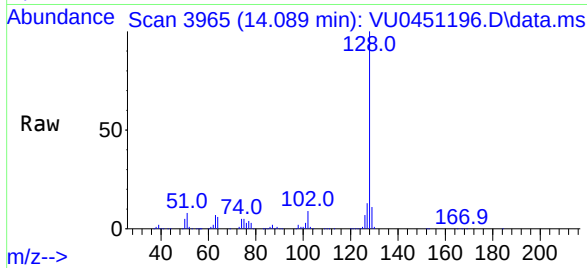




#71
Naphthalene
Concen: 59.324 ug/L
RT: 14.089 min Scan# 3965
Delta R.T. 0.000 min
Lab File: VU0451196.D
Acq: 06 Oct 2021 19:48

Instrument :
MSVOA_U
ClientSampled :

Tgt Ion:128 Resp: 638480
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: 49.921 ug/L
RT: 14.333 min Scan# 4041
Delta R.T. 0.000 min
Lab File: VU0451196.D
Acq: 06 Oct 2021 19:48

Tgt Ion:180 Resp: 158633
Ion Ratio Lower Upper
180 100
182 95.7 76.8 115.2
145 34.1 26.5 39.7

