

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU102723\
 Data File : VU055916.D
 Acq On : 27 Oct 2023 09:39
 Operator : MD/SY
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Oct 27 23:52:20 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR102423WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Oct 25 05:19:13 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.248	114	398441	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	372752	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.811	152	195460	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.599	65	134921	4.281	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	85.600%
7) Chloroethane-d5	1.911	69	101657	4.138	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	82.800%
11) 1,1-Dichloroethene-d2	2.563	65	61295	4.581	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	91.600%
20) 2-Butanone-d5	4.631	46	240086	42.698	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	85.400%
24) Chloroform-d	5.059	84	272357	4.663	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.200%
26) 1,2-Dichloroethane-d4	5.698	65	120933	4.250	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	85.000%
32) Benzene-d6	5.724	84	553984	4.989	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.800%
36) 1,2-Dichloropropane-d6	6.689	67	160757	4.884	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	97.600%
41) Toluene-d8	7.894	98	518595	5.149	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	103.000%
43) trans-1,3-Dichloroprop...	8.177	79	60979	4.737	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	94.800%
46) 2-Hexanone-d5	8.631	63	219900	67.290	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	134.580%#
56) 1,1,2,2-Tetrachloroeth...	10.753	84	111628	4.657	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	93.200%
66) 1,2-Dichlorobenzene-d4	12.190	152	170720	4.681	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	93.600%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.383	85	115889	5.103	ug/L	99
3) Chloromethane	1.518	50	99737	4.600	ug/L	96
5) Vinyl chloride	1.602	62	113906	4.770	ug/L	95
6) Bromomethane	1.856	94	62709	4.239	ug/L	99
8) Chloroethane	1.933	64	63868	4.564	ug/L	100
9) Trichlorofluoromethane	2.136	101	167226	5.077	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.580	101	115105	5.320	ug/L	98
12) 1,1-Dichloroethene	2.576	96	97870	5.068	ug/L	98
13) Acetone	2.641	43	148410	46.317	ug/L	95
14) Carbon disulfide	2.792	76	239670	4.847	ug/L	98
15) Methyl Acetate	2.953	43	33611	5.149	ug/L	97
16) Methylene chloride	3.043	84	116066	5.305	ug/L	97
17) Methyl tert-butyl Ether	3.361	73	247378	5.279	ug/L	99
18) trans-1,2-Dichloroethene	3.351	96	99805	5.212	ug/L	97
19) 1,1-Dichloroethane	3.866	63	205020	5.273	ug/L	98
21) 2-Butanone	4.708	43	229381	48.698	ug/L	95
22) cis-1,2-Dichloroethene	4.663	96	117690	5.077	ug/L	94
23) Bromochloromethane	4.972	128	49415	5.232	ug/L	95
25) Chloroform	5.087	83	216927	5.204	ug/L	99

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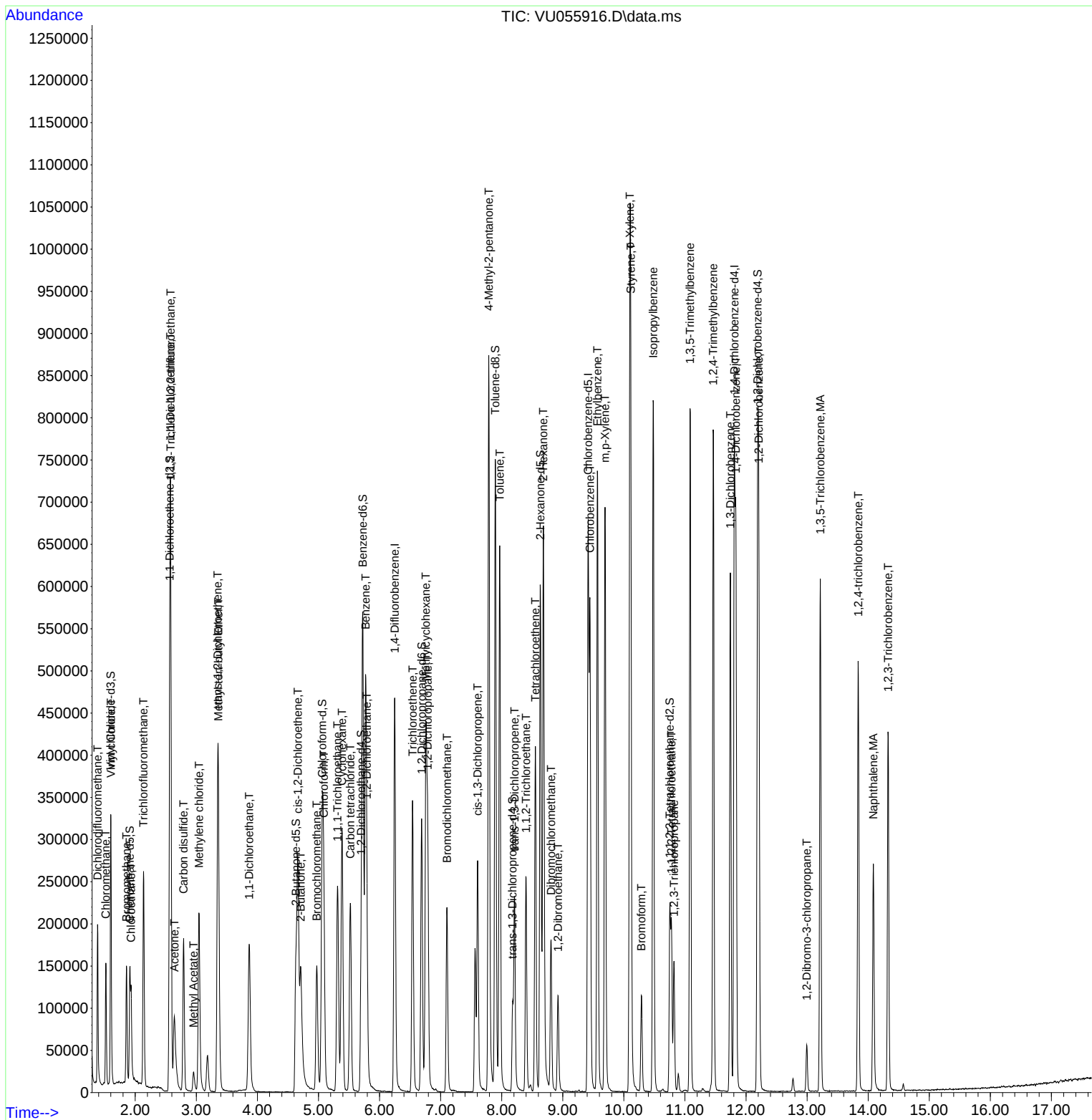
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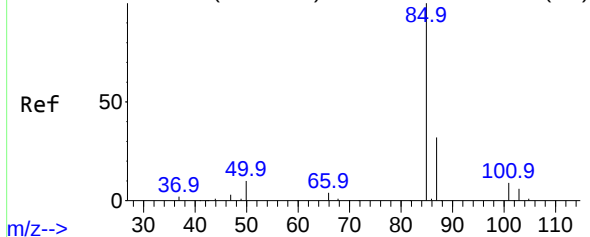
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.792	62	122010	4.982	ug/L	98
29) 1,1,1-Trichloroethane	5.313	97	184881	5.442	ug/L	99
30) Cyclohexane	5.383	56	159971	5.581	ug/L	99
31) Carbon tetrachloride	5.522	117	159398	5.500	ug/L	97
33) Benzene	5.772	78	451224	5.485	ug/L	100
34) Trichloroethene	6.541	95	122748	5.334	ug/L	98
35) Methylcyclohexane	6.759	83	171949	5.537	ug/L	100
37) 1,2-Dichloropropane	6.788	63	121030	5.541	ug/L	99
38) Bromodichloromethane	7.103	83	148208	5.405	ug/L	95
39) cis-1,3-Dichloropropene	7.605	75	174737	5.616	ug/L	98
40) 4-Methyl-2-pentanone	7.788	43	557175	52.919	ug/L	98
42) Toluene	7.968	91	487605	5.672	ug/L	99
44) trans-1,3-Dichloropropene	8.210	75	142401	5.669	ug/L	99
45) 1,1,2-Trichloroethane	8.399	97	82052	5.343	ug/L	96
47) Tetrachloroethene	8.550	164	93708	5.815	ug/L	98
48) 2-Hexanone	8.682	43	413620	49.963	ug/L	99
49) Dibromochloromethane	8.808	129	94882	5.628	ug/L	98
50) 1,2-Dibromoethane	8.923	107	74982	5.381	ug/L	99
51) Chlorobenzene	9.444	112	313037	5.556	ug/L	99
52) Ethylbenzene	9.566	91	540897	5.550	ug/L	100
53) m,p-Xylene	9.692	106	208944	5.737	ug/L	94
54) o-Xylene	10.097	106	201611	5.657	ug/L	98
55) Styrene	10.113	104	340269	5.957	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.779	83	97200	5.468	ug/L	99
59) Bromoform	10.287	173	54180	5.449	ug/L	99
60) Isopropylbenzene	10.483	105	554473	5.693	ug/L	99
61) 1,2,3-Trichloropropane	10.820	75	66478	4.954	ug/L	96
62) 1,3,5-Trimethylbenzene	11.084	105	459978	5.779	ug/L	99
63) 1,2,4-Trimethylbenzene	11.463	105	451665	6.108	ug/L	100
64) 1,3-Dichlorobenzene	11.743	146	255188	5.527	ug/L	99
65) 1,4-Dichlorobenzene	11.833	146	256360	5.563	ug/L	99
67) 1,2-Dichlorobenzene	12.209	146	237441	5.601	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.994	75	15181	6.340	ug/L	98
69) 1,3,5-Trichlorobenzene	13.216	180	192419	6.099	ug/L	99
70) 1,2,4-trichlorobenzene	13.836	180	155381	6.663	ug/L	98
71) Naphthalene	14.084	128	229595	6.799	ug/L	99
72) 1,2,3-Trichlorobenzene	14.328	180	132490	6.590	ug/L	99

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

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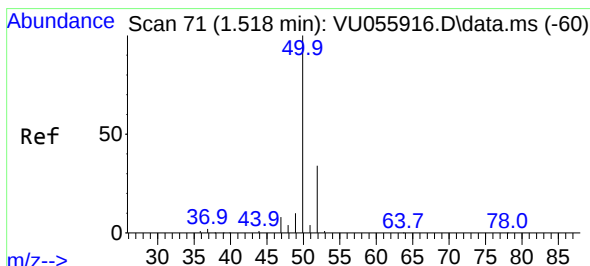
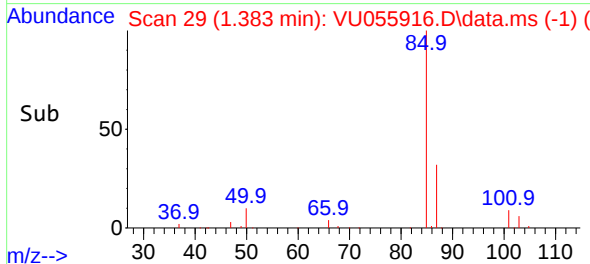
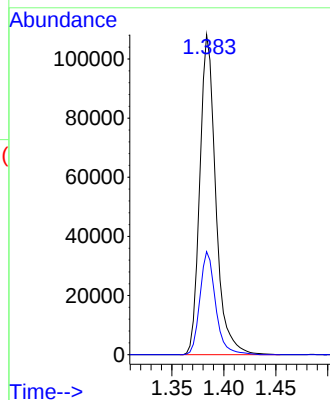
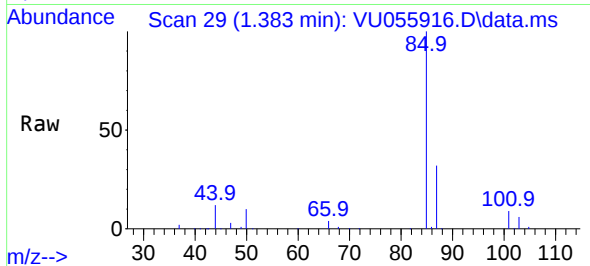
Abundance Scan 29 (1.383 min): VU055916.D\data.ms (-21)



#2
Dichlorodifluoromethane
Concen: 5.103 ug/L
RT: 1.383 min Scan# 29
Delta R.T. 0.000 min
Lab File: VU055916.D
Acq: 27 Oct 2023 09:39

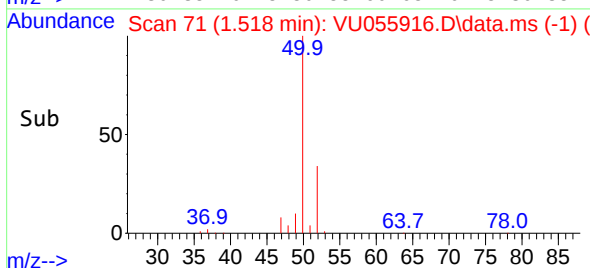
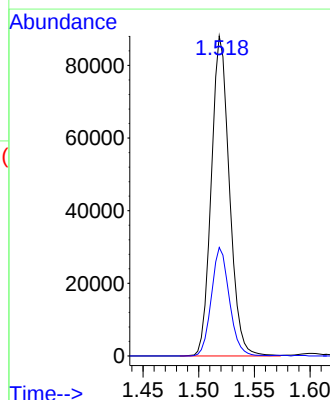
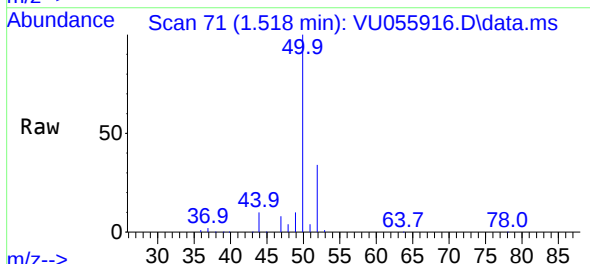
Instrument :
MSVOA_U
ClientSampleId :

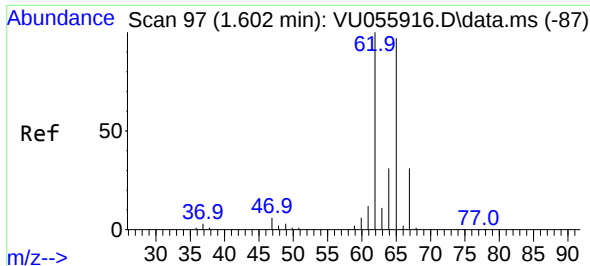
Tgt Ion: 85 Resp: 115889
Ion Ratio Lower Upper
85 100
87 31.6 25.0 37.4



#3
Chloromethane
Concen: 4.600 ug/L
RT: 1.518 min Scan# 71
Delta R.T. 0.003 min
Lab File: VU055916.D
Acq: 27 Oct 2023 09:39

Tgt Ion: 50 Resp: 99737
Ion Ratio Lower Upper
50 100
52 33.9 22.0 40.8



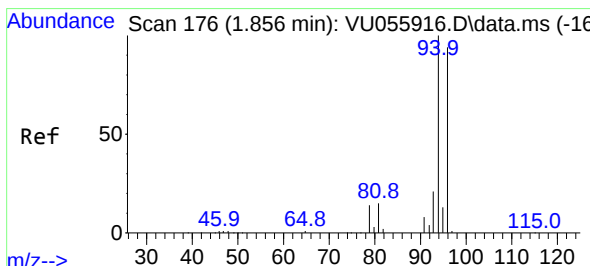
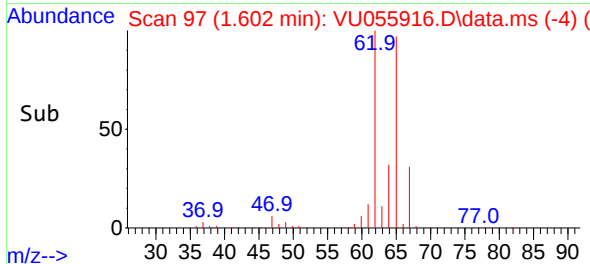
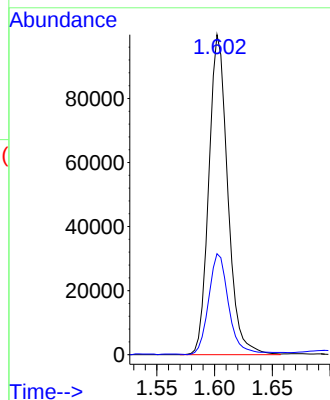
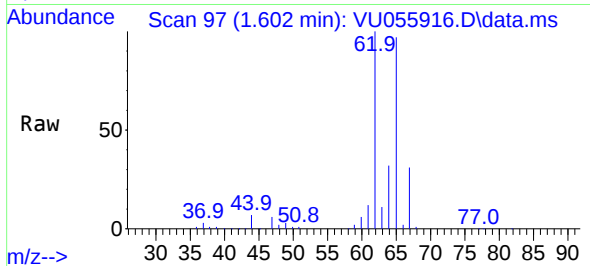


#5
 Vinyl chloride
 Concen: 4.770 ug/L
 RT: 1.602 min Scan# 91
 Delta R.T. 0.000 min
 Lab File: VU055916.D
 Acq: 27 Oct 2023 09:39

Instrument :
 MSVOA_U
 ClientSampleId :

Tgt Ion: 62 Resp: 113906

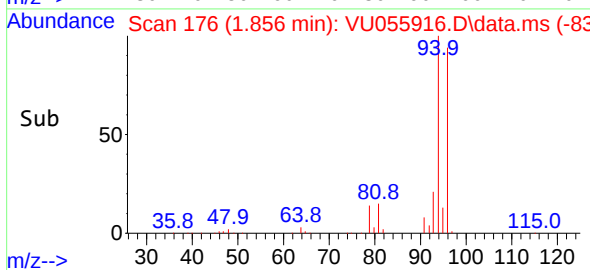
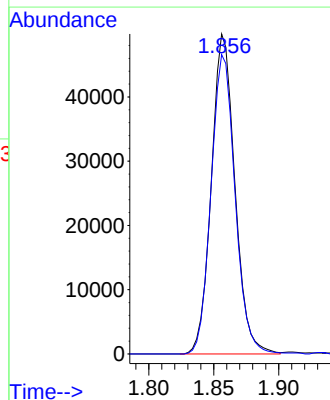
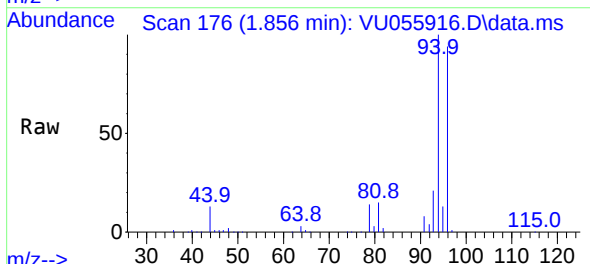
Ion	Ratio	Lower	Upper
62	100		
64	31.6	24.2	45.0

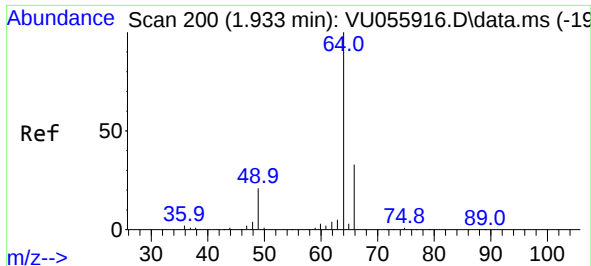


#6
 Bromomethane
 Concen: 4.239 ug/L
 RT: 1.856 min Scan# 176
 Delta R.T. 0.000 min
 Lab File: VU055916.D
 Acq: 27 Oct 2023 09:39

Tgt Ion: 94 Resp: 62709

Ion	Ratio	Lower	Upper
94	100		
96	93.5	65.9	122.5

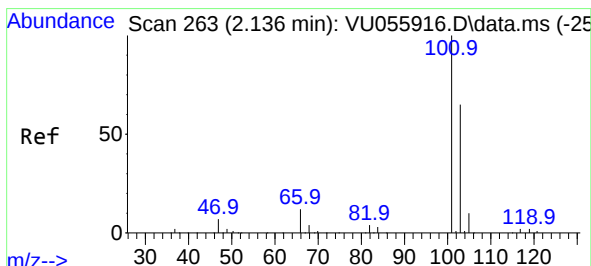
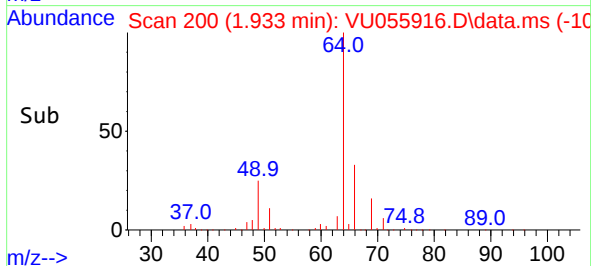
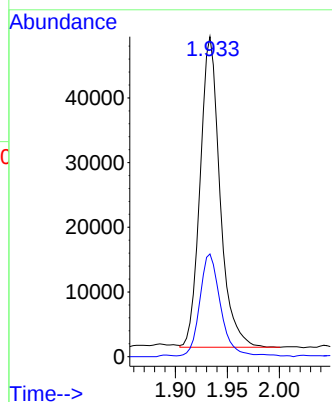
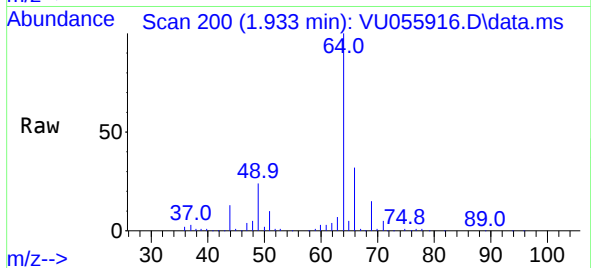




#8
Chloroethane
Concen: 4.564 ug/L
RT: 1.933 min Scan# 200
Delta R.T. 0.000 min
Lab File: VU055916.D
Acq: 27 Oct 2023 09:39

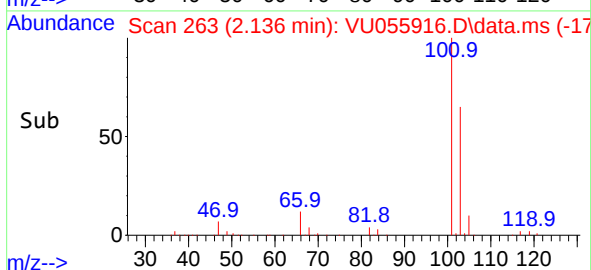
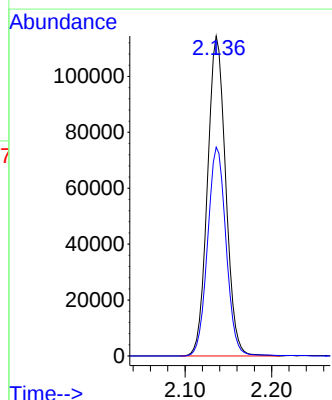
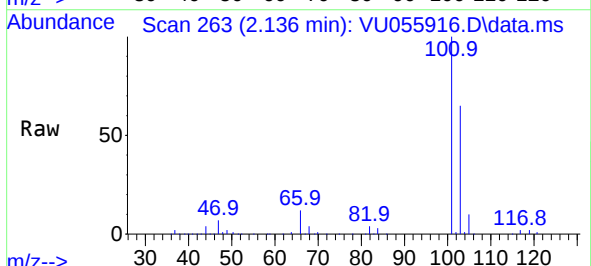
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ClientSampleId :

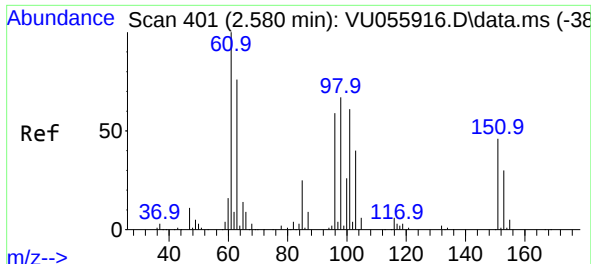
Tgt Ion: 64 Resp: 63868
Ion Ratio Lower Upper
64 100
66 32.1 22.7 42.1



#9
Trichlorofluoromethane
Concen: 5.077 ug/L
RT: 2.136 min Scan# 263
Delta R.T. 0.000 min
Lab File: VU055916.D
Acq: 27 Oct 2023 09:39

Tgt Ion:101 Resp: 167226
Ion Ratio Lower Upper
101 100
103 66.2 52.2 78.2

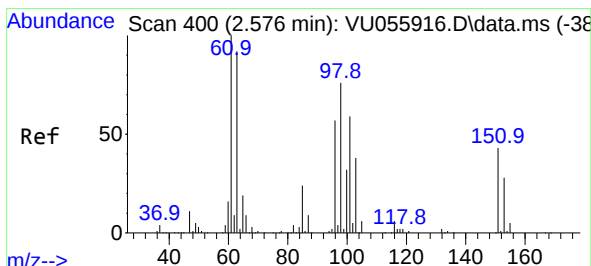
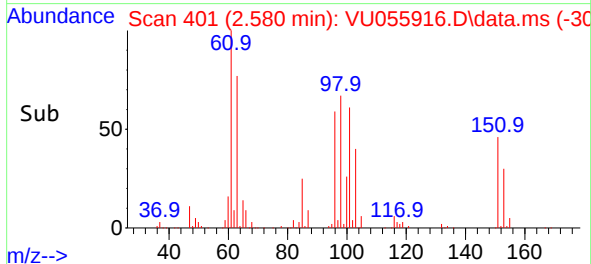
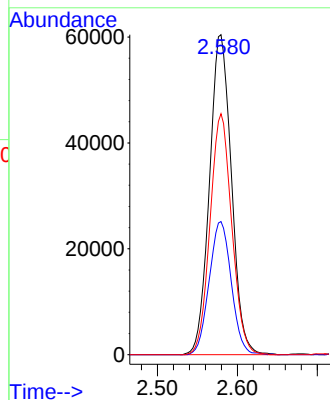
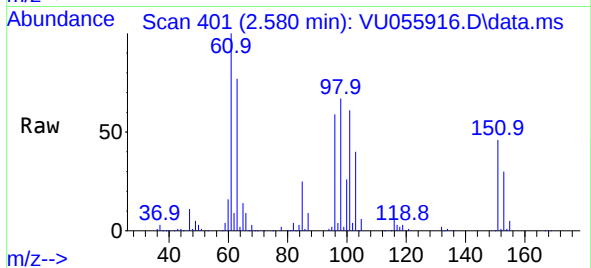




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 5.320 ug/L
RT: 2.580 min Scan# 401
Delta R.T. 0.000 min
Lab File: VU055916.D
Acq: 27 Oct 2023 09:39

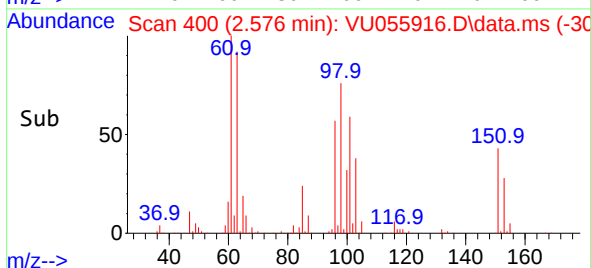
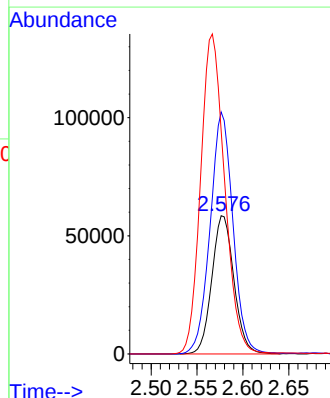
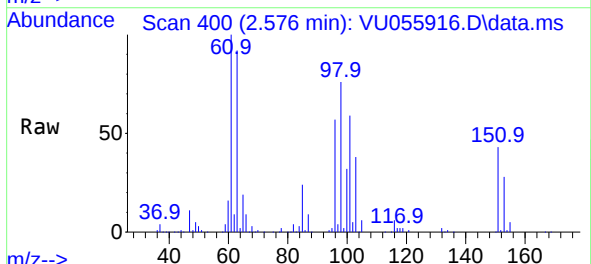
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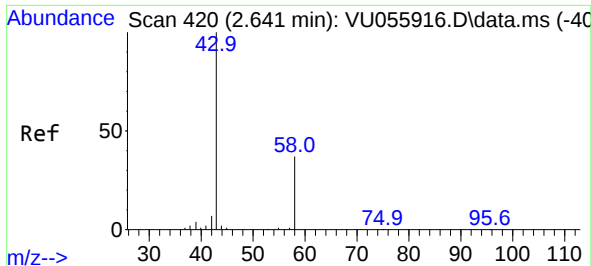
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Ion Ratio Lower Upper
101 100
85 41.9 34.4 51.6
151 74.6 58.4 87.6



#12
1,1-Dichloroethene
Concen: 5.068 ug/L
RT: 2.576 min Scan# 400
Delta R.T. 0.000 min
Lab File: VU055916.D
Acq: 27 Oct 2023 09:39

Tgt Ion: 96 Resp: 97870
Ion Ratio Lower Upper
96 100
61 175.0 123.8 230.0
63 161.4 111.0 206.2

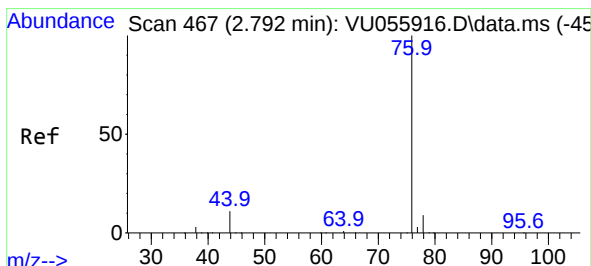
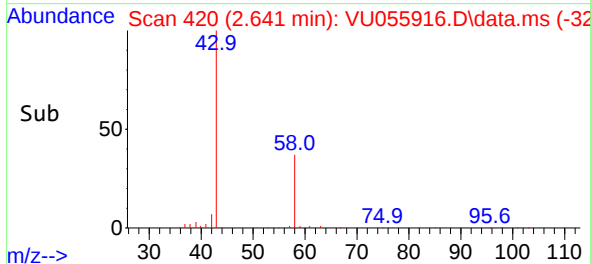
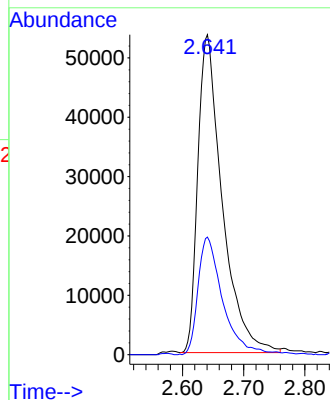
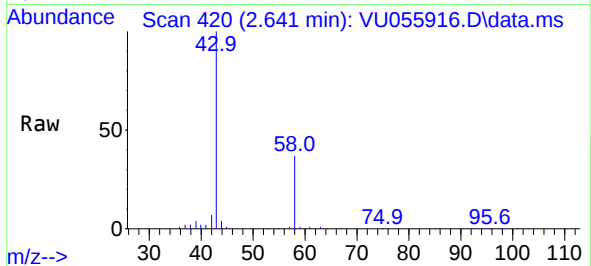




#13
Acetone
Concen: 46.317 ug/L
RT: 2.641 min Scan# 41
Delta R.T. -0.006 min
Lab File: VU055916.D
Acq: 27 Oct 2023 09:39

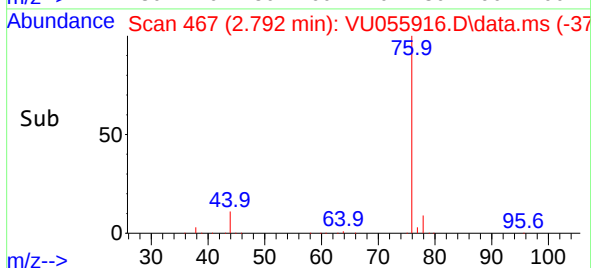
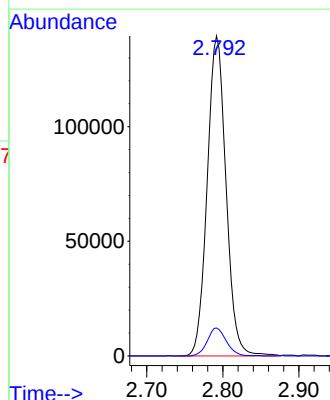
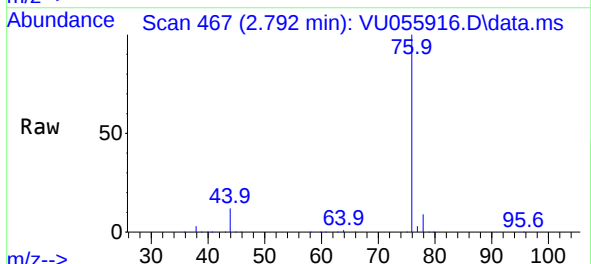
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ClientSampleId :

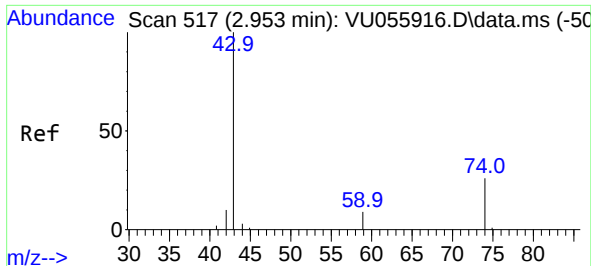
Tgt Ion: 43 Resp: 148410
Ion Ratio Lower Upper
43 100
58 37.2 0.0 69.0



#14
Carbon disulfide
Concen: 4.847 ug/L
RT: 2.792 min Scan# 467
Delta R.T. 0.003 min
Lab File: VU055916.D
Acq: 27 Oct 2023 09:39

Tgt Ion: 76 Resp: 239670
Ion Ratio Lower Upper
76 100
78 8.7 7.5 11.3

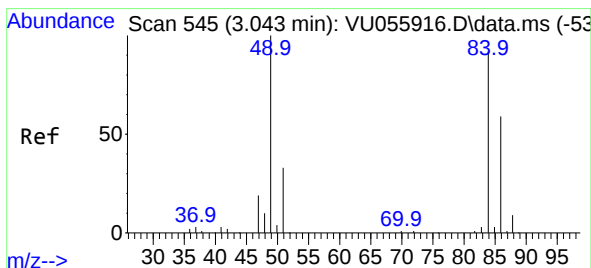
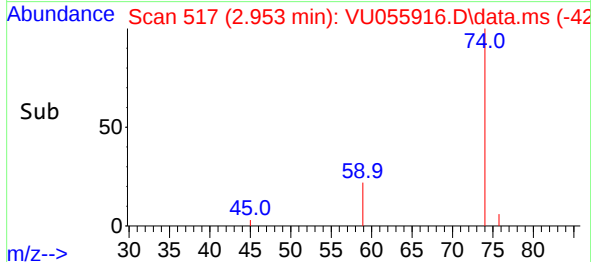
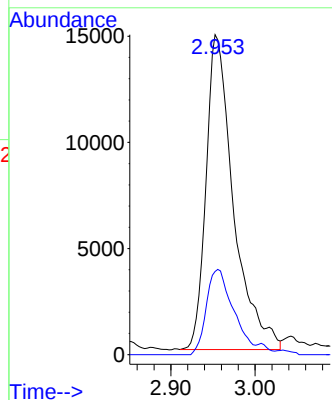
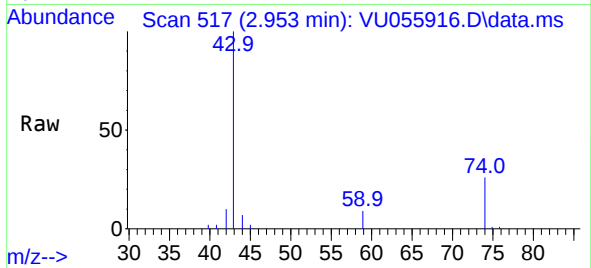




#15
Methyl Acetate
Concen: 5.149 ug/L
RT: 2.953 min Scan# 517
Delta R.T. -0.003 min
Lab File: VU055916.D
Acq: 27 Oct 2023 09:39

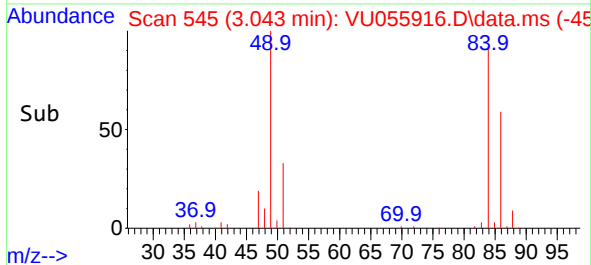
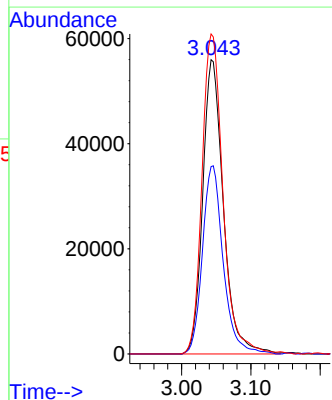
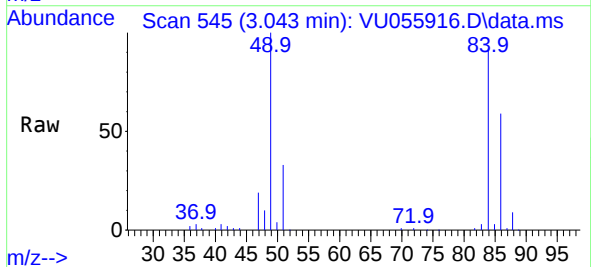
Instrument :
MSVOA_U
ClientSampleId :

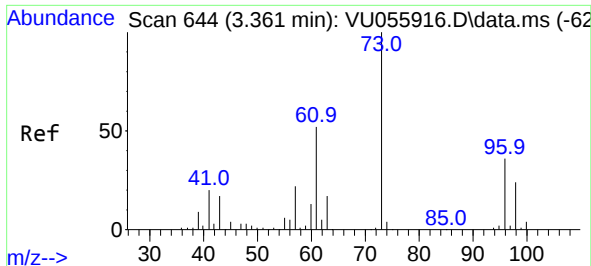
Tgt Ion: 43 Resp: 33611
Ion Ratio Lower Upper
43 100
74 26.6 19.9 29.9



#16
Methylene chloride
Concen: 5.305 ug/L
RT: 3.043 min Scan# 545
Delta R.T. 0.000 min
Lab File: VU055916.D
Acq: 27 Oct 2023 09:39

Tgt Ion: 84 Resp: 116066
Ion Ratio Lower Upper
84 100
86 63.7 45.2 84.0
49 108.8 78.8 146.3

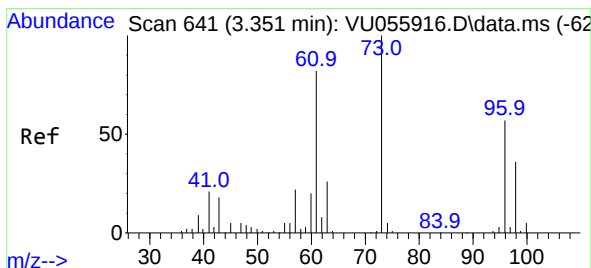
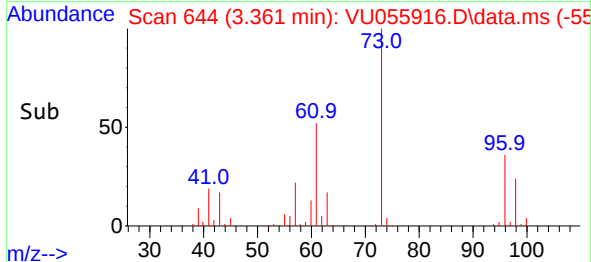
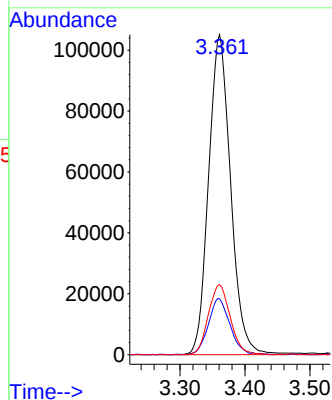
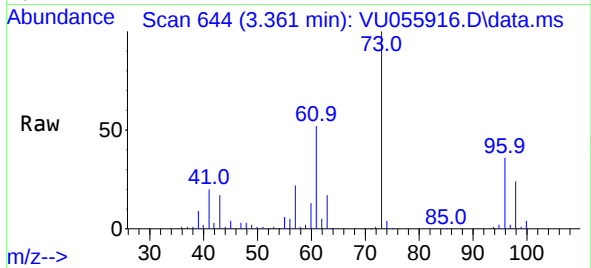




#17
Methyl tert-butyl Ether
Concen: 5.279 ug/L
RT: 3.361 min Scan# 644
Delta R.T. 0.003 min
Lab File: VU055916.D
Acq: 27 Oct 2023 09:39

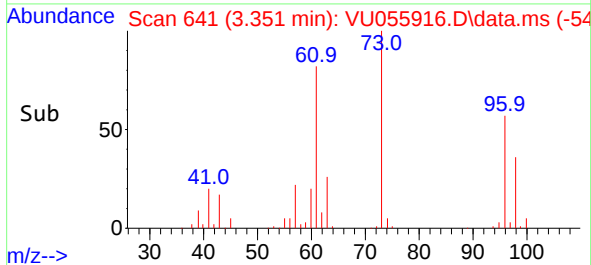
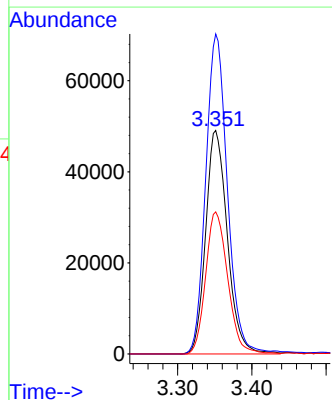
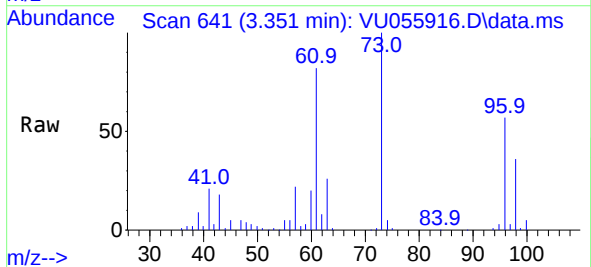
Instrument :
MSVOA_U
ClientSampleId :

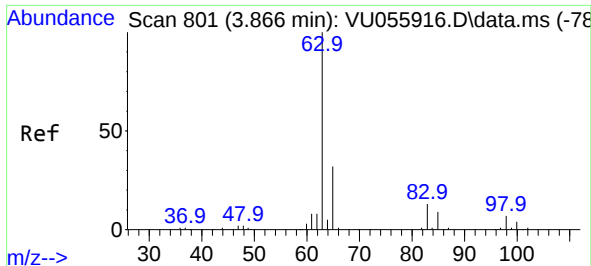
Tgt Ion: 73 Resp: 247378
Ion Ratio Lower Upper
73 100
43 17.1 14.4 21.6
57 21.7 17.0 25.4



#18
trans-1,2-Dichloroethene
Concen: 5.212 ug/L
RT: 3.351 min Scan# 641
Delta R.T. 0.000 min
Lab File: VU055916.D
Acq: 27 Oct 2023 09:39

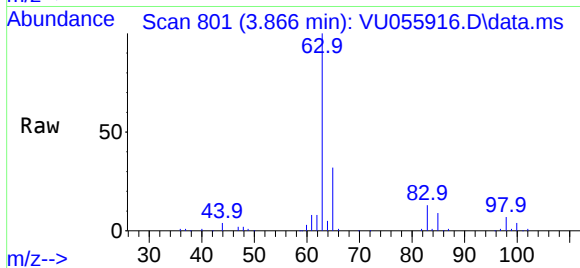
Tgt Ion: 96 Resp: 99805
Ion Ratio Lower Upper
96 100
61 143.2 97.5 181.1
98 63.6 42.7 79.3



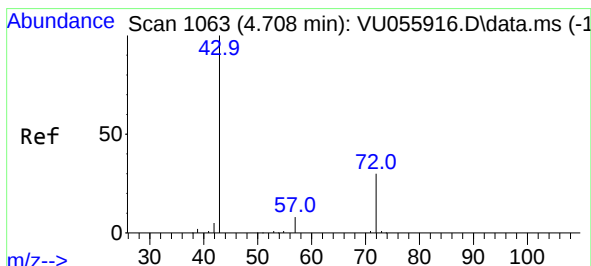
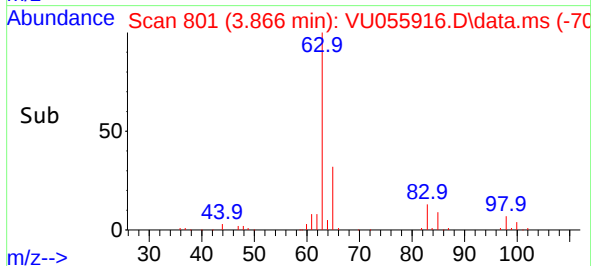
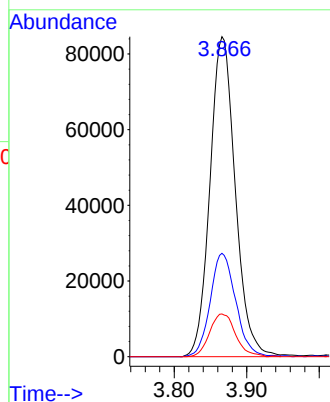


#19
1,1-Dichloroethane
Concen: 5.273 ug/L
RT: 3.866 min Scan# 801
Delta R.T. 0.000 min
Lab File: VU055916.D
Acq: 27 Oct 2023 09:39

Instrument :
MSVOA_U
ClientSampleId :

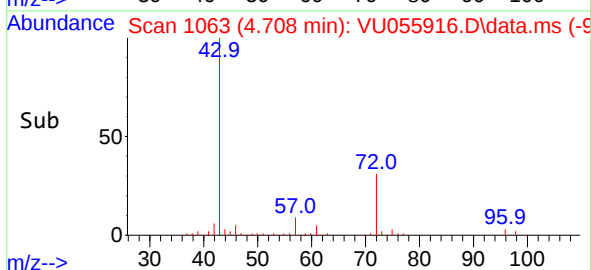
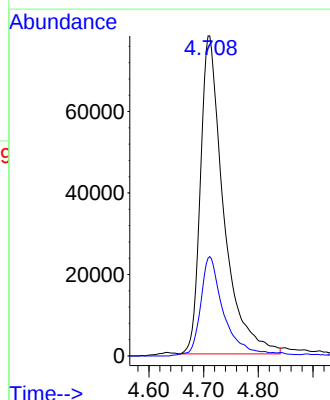
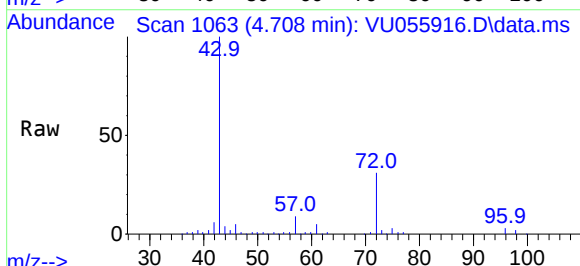


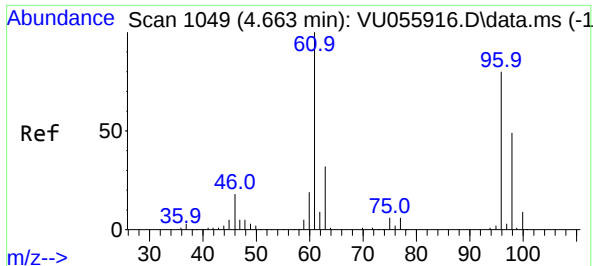
Tgt Ion: 63 Resp: 205020
Ion Ratio Lower Upper
63 100
65 32.3 23.3 43.3
83 13.3 10.5 19.5



#21
2-Butanone
Concen: 48.698 ug/L
RT: 4.708 min Scan# 1063
Delta R.T. -0.003 min
Lab File: VU055916.D
Acq: 27 Oct 2023 09:39

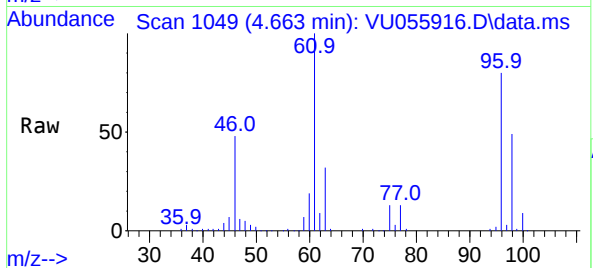
Tgt Ion: 43 Resp: 229381
Ion Ratio Lower Upper
43 100
72 31.3 14.4 43.4



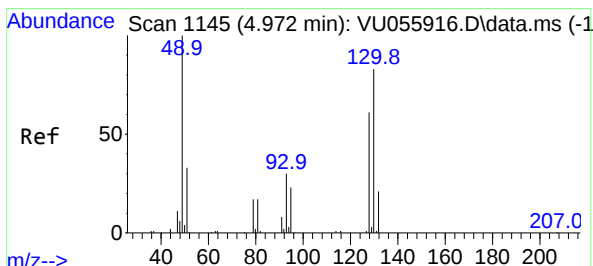
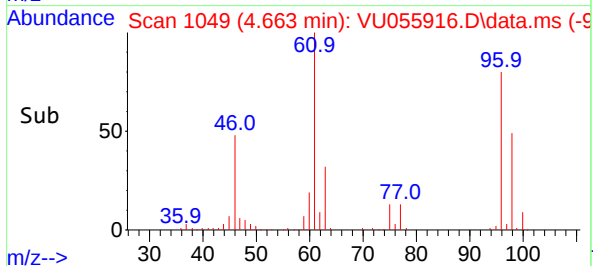
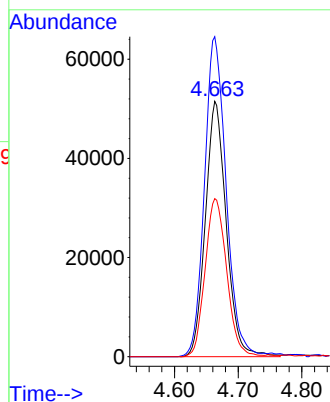


#22
cis-1,2-Dichloroethene
Concen: 5.077 ug/L
RT: 4.663 min Scan# 1049
Delta R.T. 0.000 min
Lab File: VU055916.D
Acq: 27 Oct 2023 09:39

Instrument :
MSVOA_U
ClientSampleId :

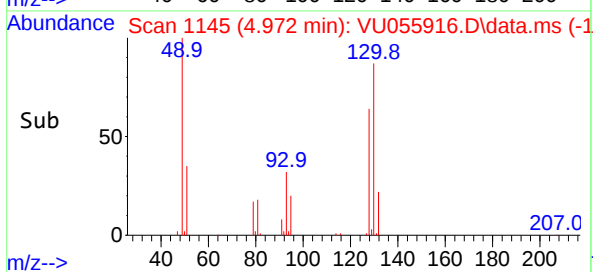
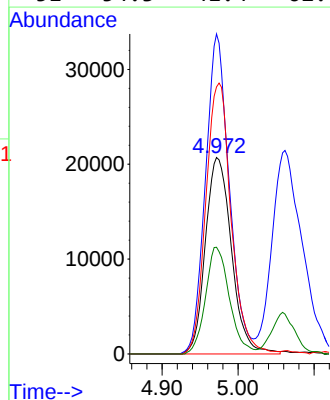
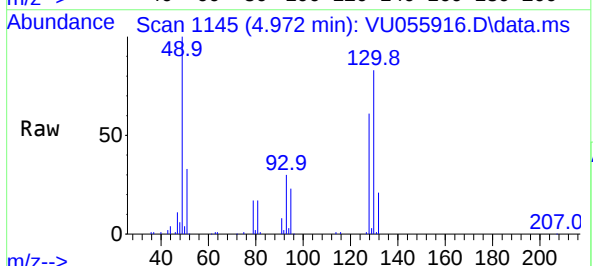


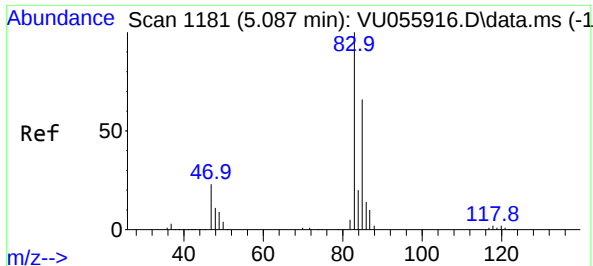
Tgt Ion: 96 Resp: 117690
Ion Ratio Lower Upper
96 100
61 125.3 93.8 174.2
98 61.9 45.6 84.8



#23
Bromochloromethane
Concen: 5.232 ug/L
RT: 4.972 min Scan# 1145
Delta R.T. 0.000 min
Lab File: VU055916.D
Acq: 27 Oct 2023 09:39

Tgt Ion:128 Resp: 49415
Ion Ratio Lower Upper
128 100
49 162.8 108.7 201.9
130 135.9 91.5 169.9
51 54.3 41.4 62.0

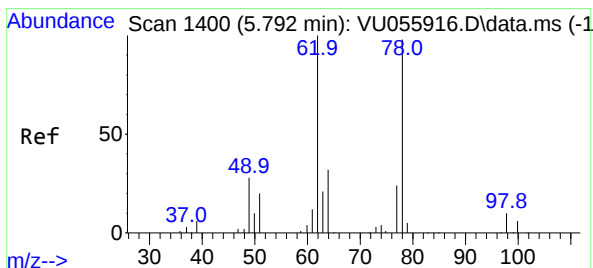
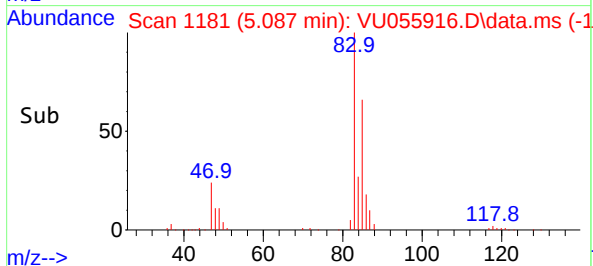
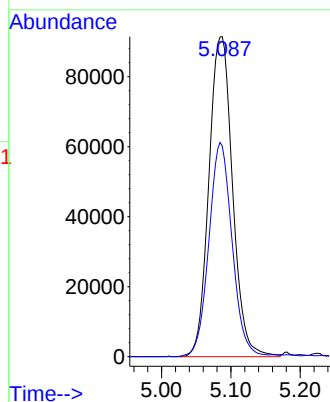
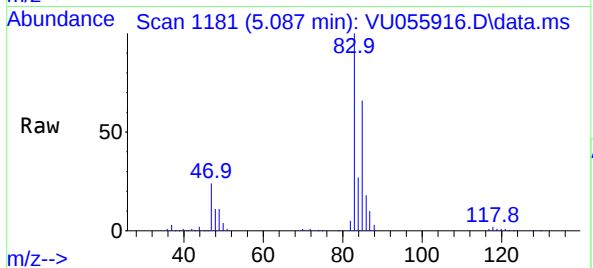




#25
Chloroform
Concen: 5.204 ug/L
RT: 5.087 min Scan# 1181
Delta R.T. 0.003 min
Lab File: VU055916.D
Acq: 27 Oct 2023 09:39

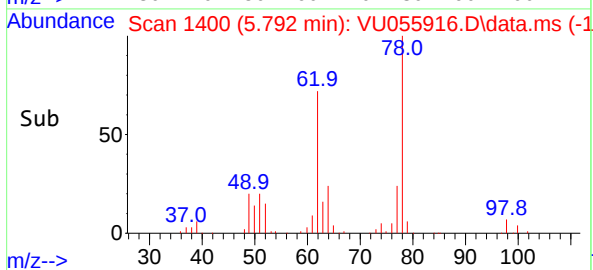
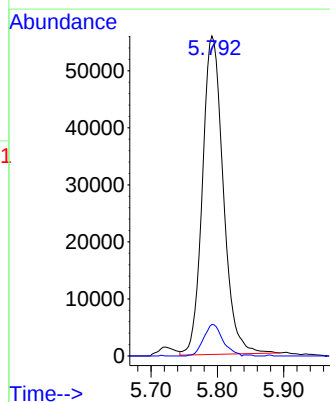
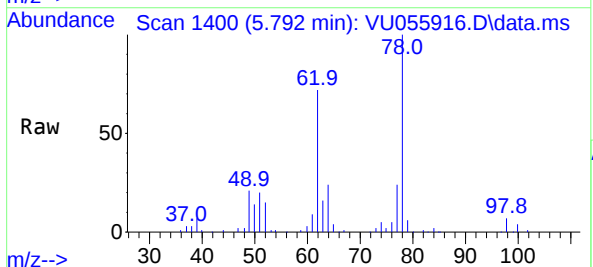
Instrument :
MSVOA_U
ClientSampleId :

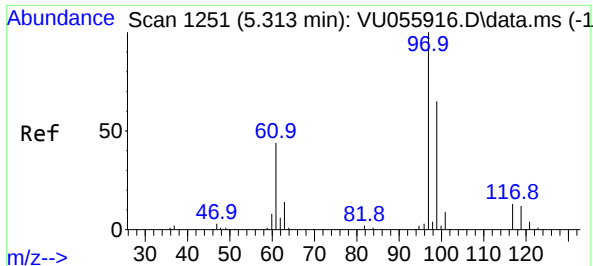
Tgt Ion: 83 Resp: 216927
Ion Ratio Lower Upper
83 100
85 65.8 45.6 84.8



#27
1,2-Dichloroethane
Concen: 4.982 ug/L
RT: 5.792 min Scan# 1400
Delta R.T. 0.000 min
Lab File: VU055916.D
Acq: 27 Oct 2023 09:39

Tgt Ion: 62 Resp: 122010
Ion Ratio Lower Upper
62 100
98 9.9 7.4 11.2

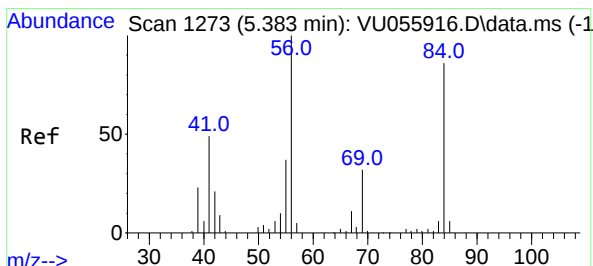
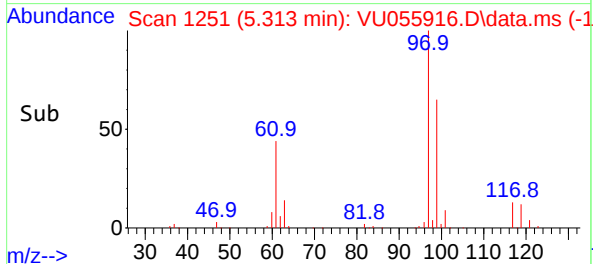
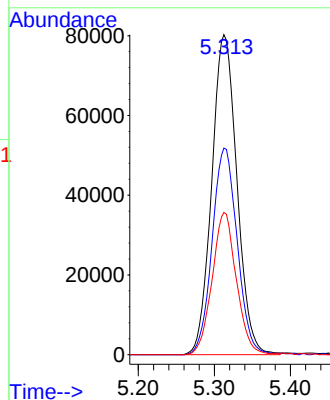
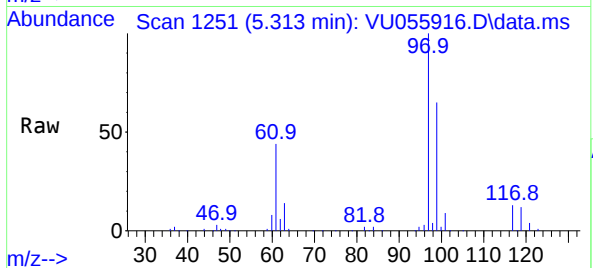




#29
1,1,1-Trichloroethane
Concen: 5.442 ug/L
RT: 5.313 min Scan# 1251
Delta R.T. 0.000 min
Lab File: VU055916.D
Acq: 27 Oct 2023 09:39

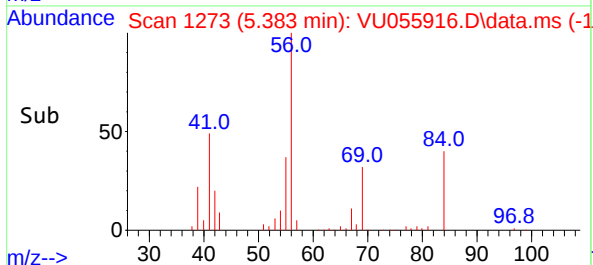
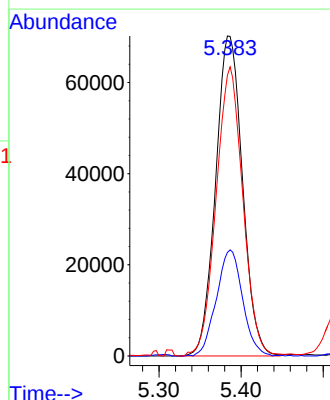
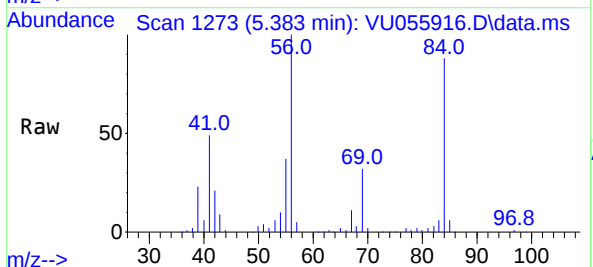
Instrument :
MSVOA_U
ClientSampleId :

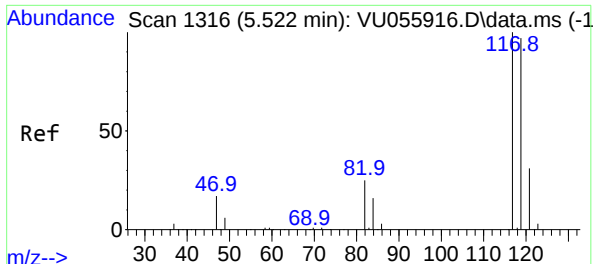
Tgt Ion: 97 Resp: 184881
Ion Ratio Lower Upper
97 100
99 64.2 50.8 76.2
61 42.6 35.0 52.4



#30
Cyclohexane
Concen: 5.581 ug/L
RT: 5.383 min Scan# 1273
Delta R.T. 0.000 min
Lab File: VU055916.D
Acq: 27 Oct 2023 09:39

Tgt Ion: 56 Resp: 159971
Ion Ratio Lower Upper
56 100
69 32.4 25.4 38.2
84 89.7 71.0 106.6

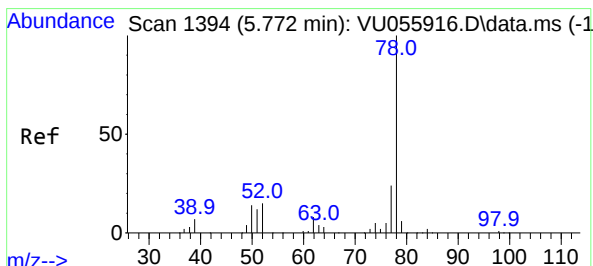
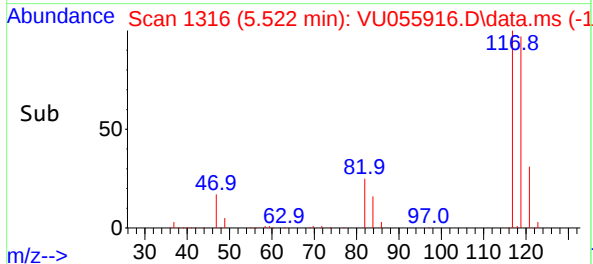
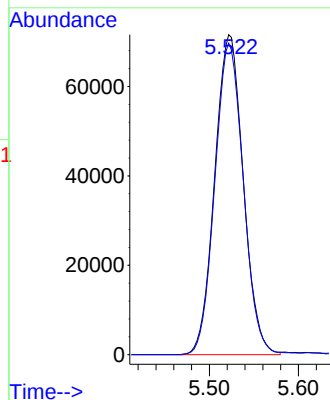
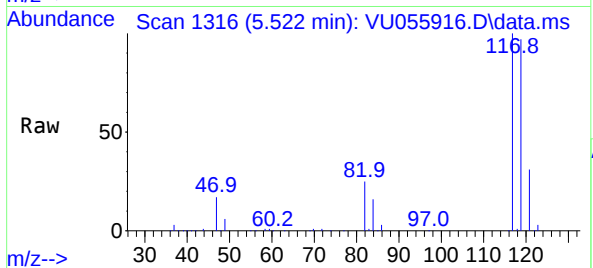




#31
Carbon tetrachloride
Concen: 5.500 ug/L
RT: 5.522 min Scan# 1316
Delta R.T. 0.003 min
Lab File: VU055916.D
Acq: 27 Oct 2023 09:39

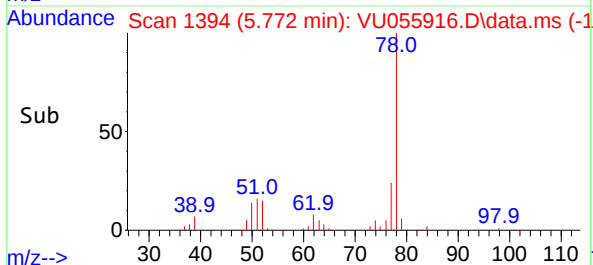
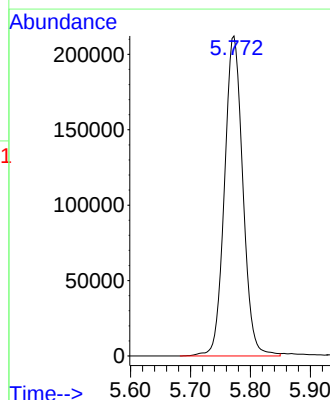
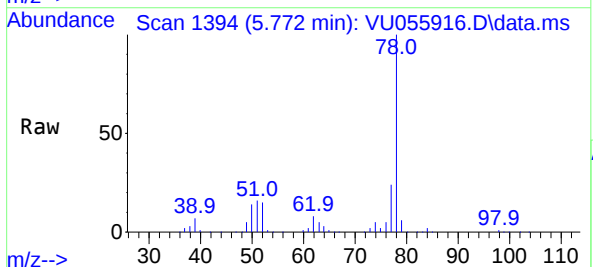
Instrument :
MSVOA_U
ClientSampleId :

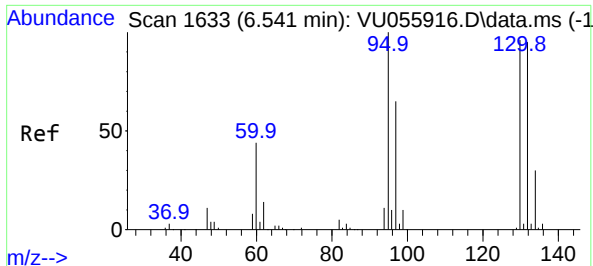
Tgt Ion:117 Resp: 159398
Ion Ratio Lower Upper
117 100
119 97.2 75.1 112.7



#33
Benzene
Concen: 5.485 ug/L
RT: 5.772 min Scan# 1394
Delta R.T. 0.003 min
Lab File: VU055916.D
Acq: 27 Oct 2023 09:39

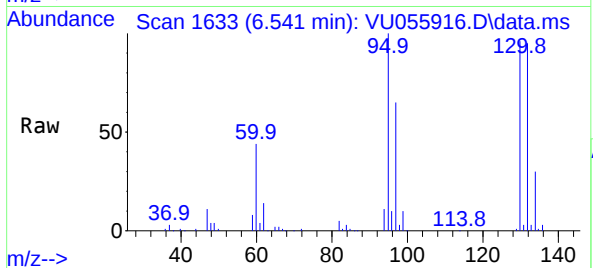
Tgt Ion: 78 Resp: 451224



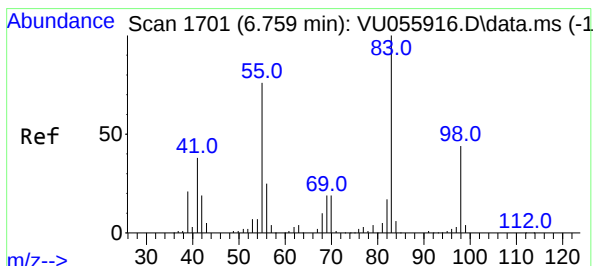
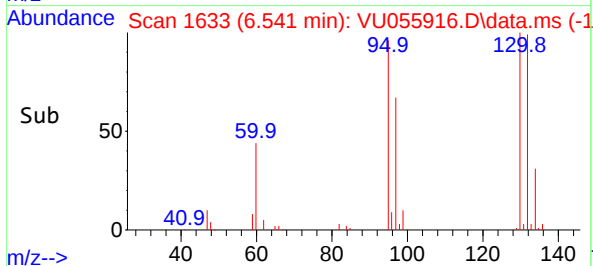
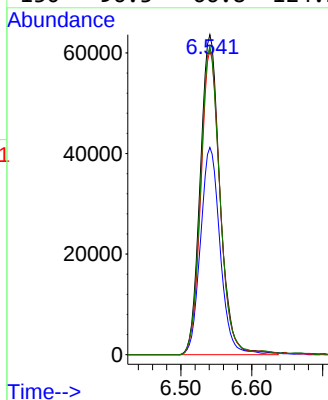


#34
Trichloroethene
Concen: 5.334 ug/L
RT: 6.541 min Scan# 1
Delta R.T. 0.000 min
Lab File: VU055916.D
Acq: 27 Oct 2023 09:39

Instrument :
MSVOA_U
ClientSampleId :

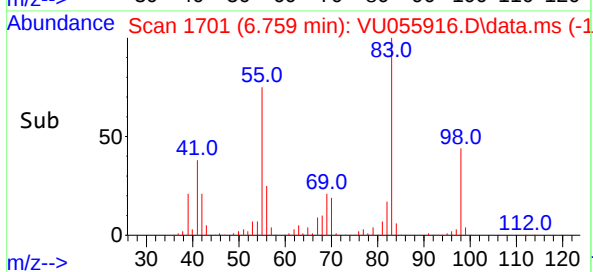
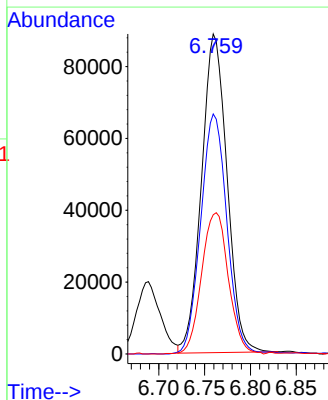
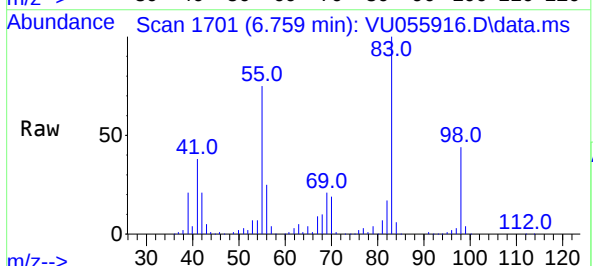


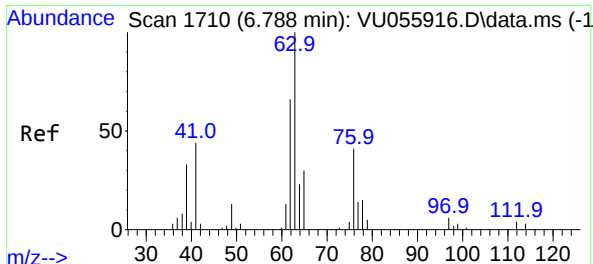
Tgt Ion: 95 Resp: 122748
Ion Ratio Lower Upper
95 100
97 64.7 45.4 84.2
132 95.4 63.9 118.7
130 96.3 66.8 124.2



#35
Methylcyclohexane
Concen: 5.537 ug/L
RT: 6.759 min Scan# 1701
Delta R.T. 0.000 min
Lab File: VU055916.D
Acq: 27 Oct 2023 09:39

Tgt Ion: 83 Resp: 171949
Ion Ratio Lower Upper
83 100
55 77.5 62.4 93.6
98 46.6 37.4 56.2

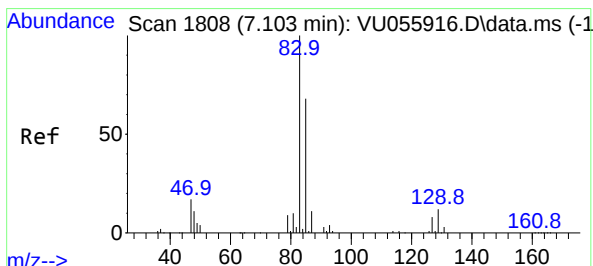
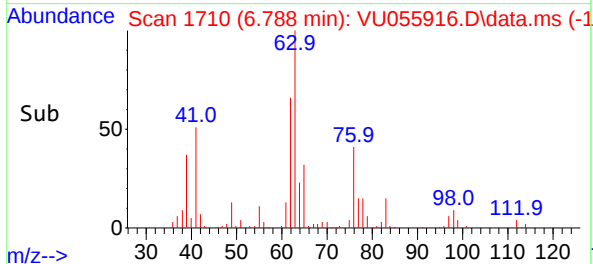
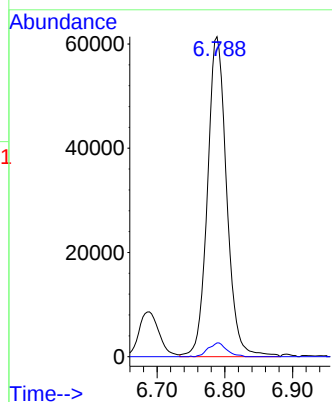
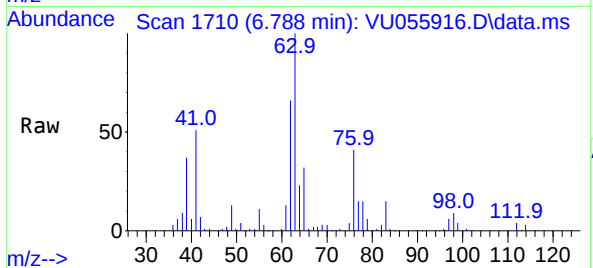




#37
1,2-Dichloropropane
Concen: 5.541 ug/L
RT: 6.788 min Scan# 1710
Delta R.T. 0.003 min
Lab File: VU055916.D
Acq: 27 Oct 2023 09:39

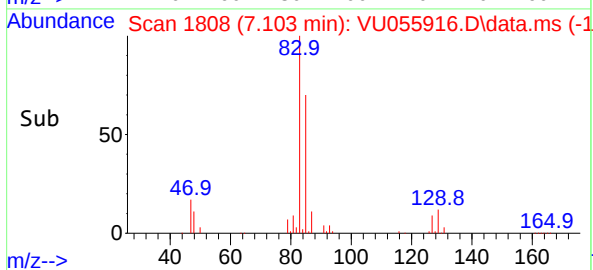
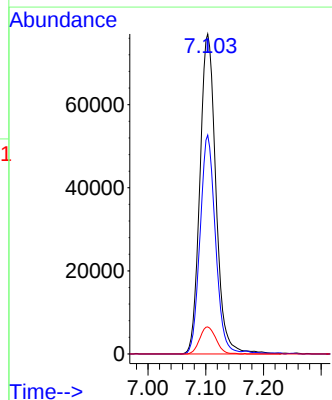
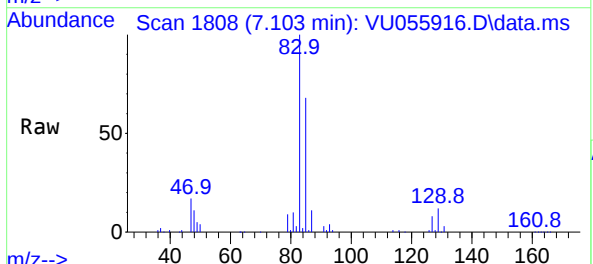
Instrument :
MSVOA_U
ClientSampleId :

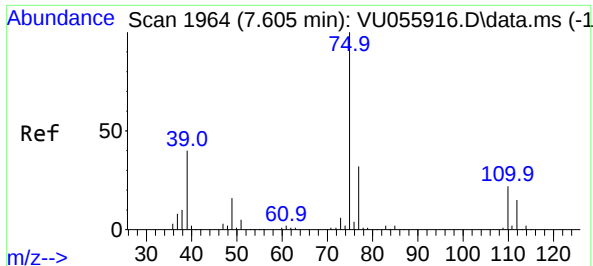
Tgt Ion: 63 Resp: 121030
Ion Ratio Lower Upper
63 100
112 4.1 3.1 4.7



#38
Bromodichloromethane
Concen: 5.405 ug/L
RT: 7.103 min Scan# 1808
Delta R.T. 0.003 min
Lab File: VU055916.D
Acq: 27 Oct 2023 09:39

Tgt Ion: 83 Resp: 148208
Ion Ratio Lower Upper
83 100
85 68.4 44.9 83.3
127 8.5 6.6 9.8

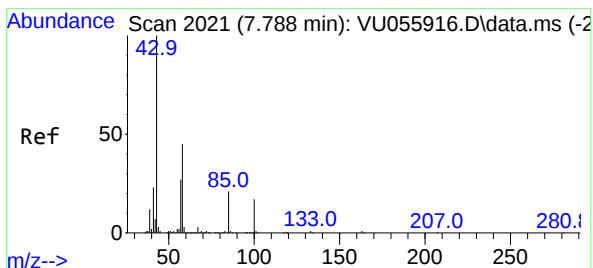
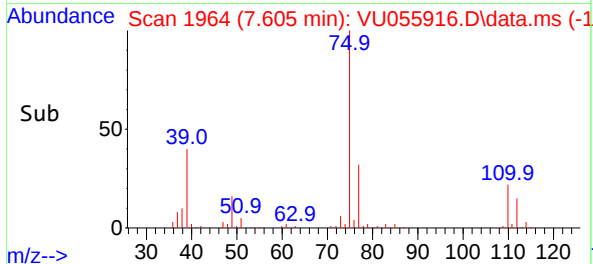
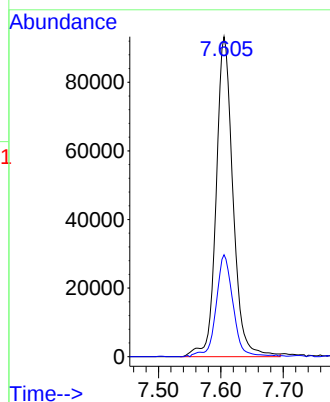
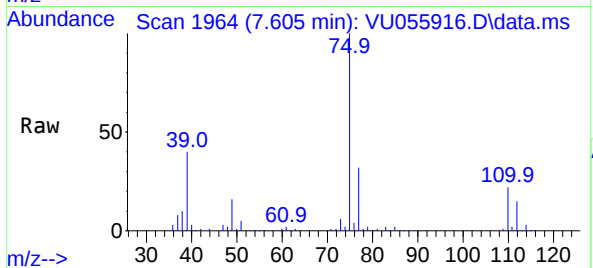




#39
cis-1,3-Dichloropropene
Concen: 5.616 ug/L
RT: 7.605 min Scan# 1964
Delta R.T. 0.000 min
Lab File: VU055916.D
Acq: 27 Oct 2023 09:39

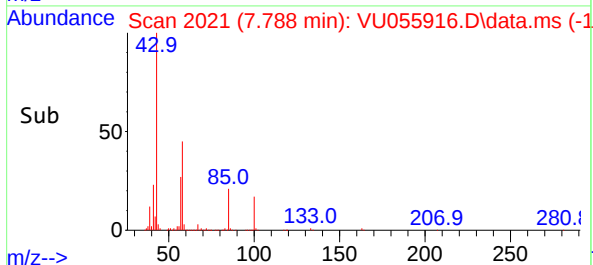
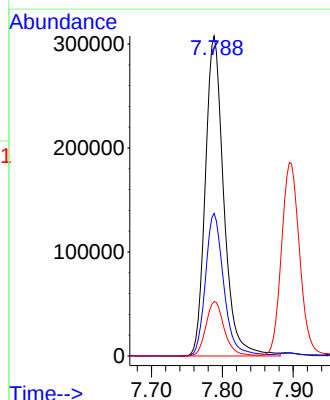
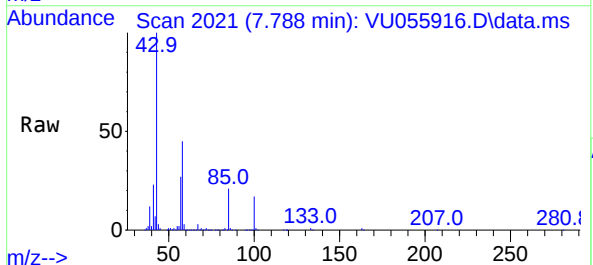
Instrument :
MSVOA_U
ClientSampleId :

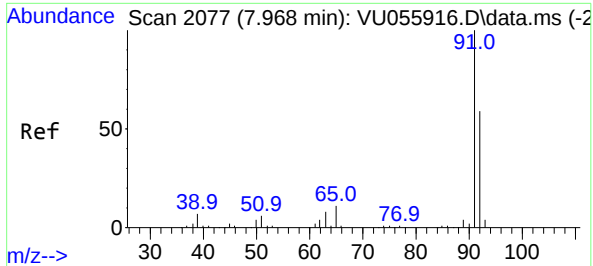
Tgt Ion: 75 Resp: 174737
Ion Ratio Lower Upper
75 100
77 31.9 21.7 40.3



#40
4-Methyl-2-pentanone
Concen: 52.919 ug/L
RT: 7.788 min Scan# 2021
Delta R.T. 0.000 min
Lab File: VU055916.D
Acq: 27 Oct 2023 09:39

Tgt Ion: 43 Resp: 557175
Ion Ratio Lower Upper
43 100
58 44.2 34.0 51.0
100 16.9 13.0 19.6

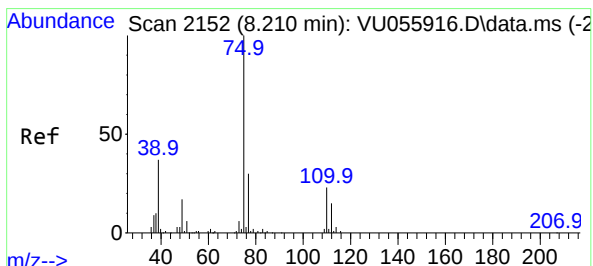
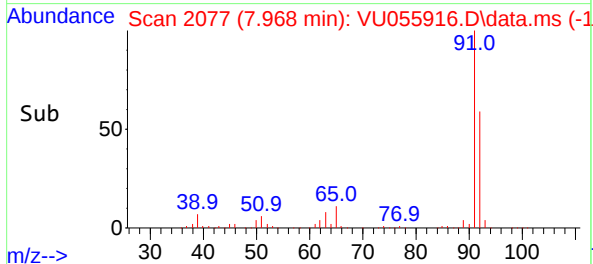
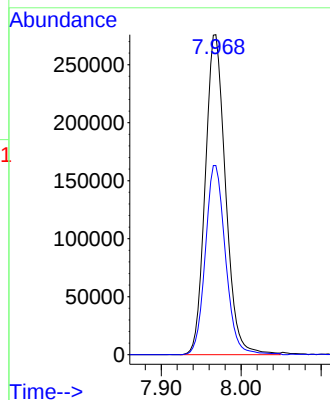
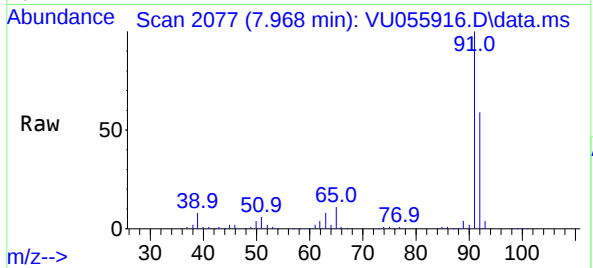




#42
Toluene
Concen: 5.672 ug/L
RT: 7.968 min Scan# 2077
Delta R.T. 0.003 min
Lab File: VU055916.D
Acq: 27 Oct 2023 09:39

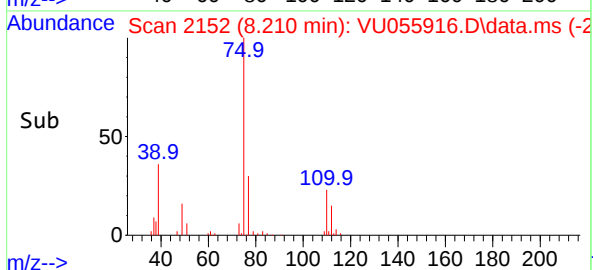
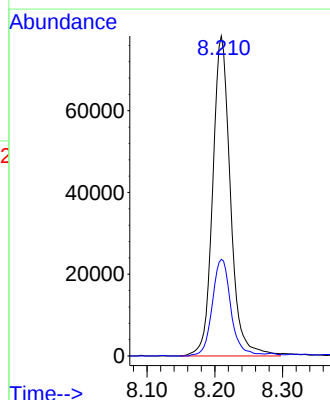
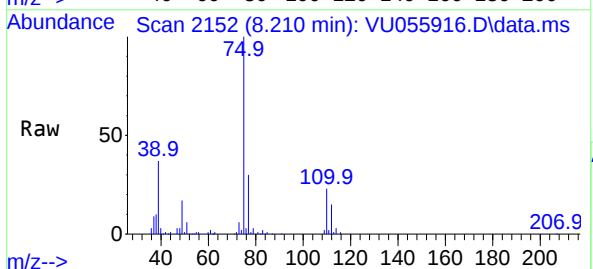
Instrument :
MSVOA_U
ClientSampleId :

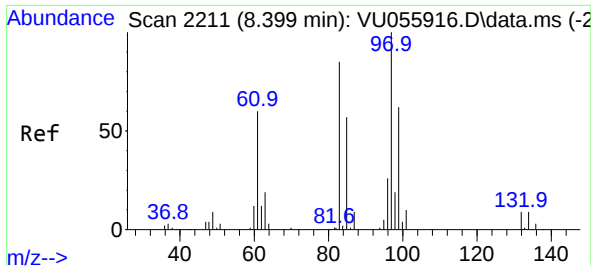
Tgt Ion: 91 Resp: 487605
Ion Ratio Lower Upper
91 100
92 59.1 40.6 75.4



#44
trans-1,3-Dichloropropene
Concen: 5.669 ug/L
RT: 8.210 min Scan# 2152
Delta R.T. 0.003 min
Lab File: VU055916.D
Acq: 27 Oct 2023 09:39

Tgt Ion: 75 Resp: 142401
Ion Ratio Lower Upper
75 100
77 30.2 21.7 40.3



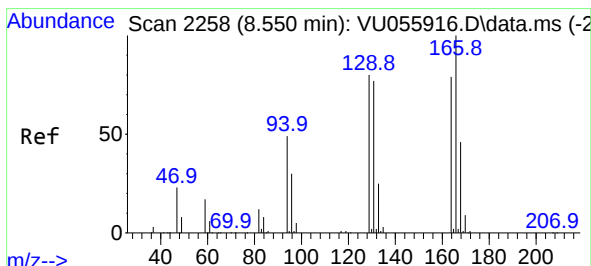
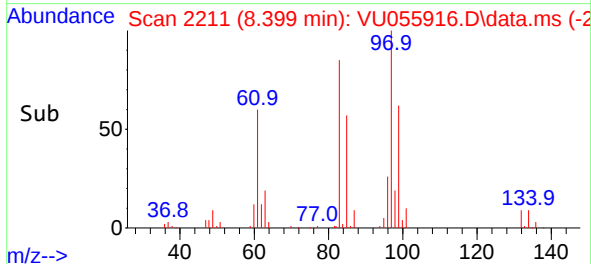
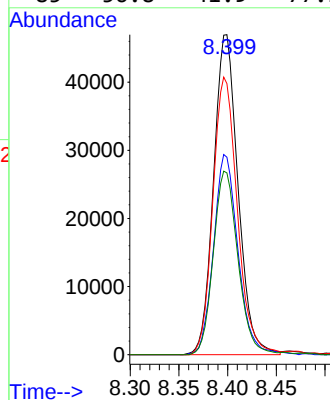
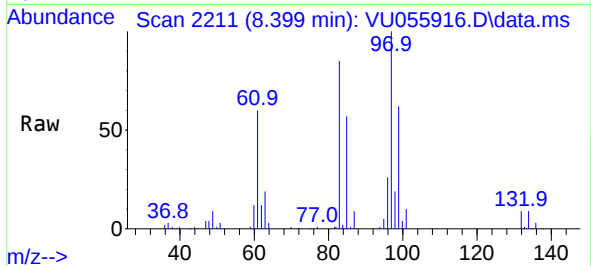


#45
1,1,2-Trichloroethane
Concen: 5.343 ug/L
RT: 8.399 min Scan# 211
Delta R.T. 0.003 min
Lab File: VU055916.D
Acq: 27 Oct 2023 09:39

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 97 Resp: 82052

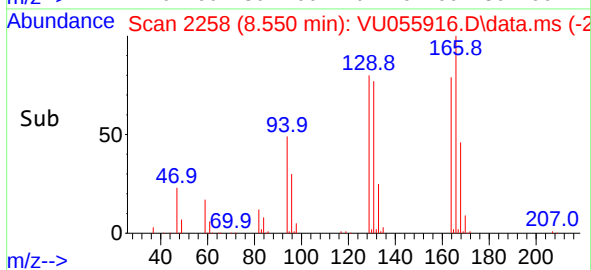
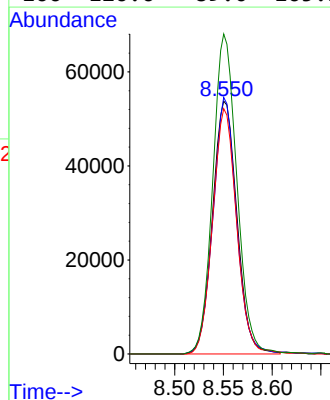
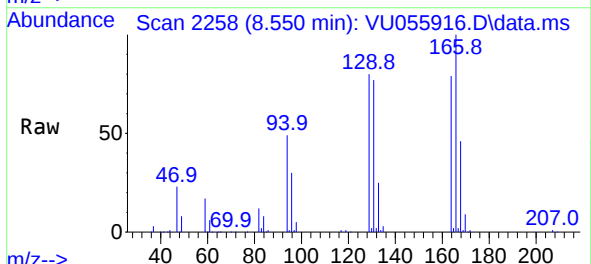
Ion	Ratio	Lower	Upper
97	100		
99	61.7	45.3	84.1
83	84.7	61.9	115.1
85	56.8	41.9	77.9

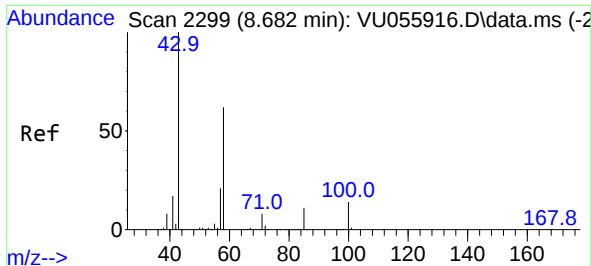


#47
Tetrachloroethene
Concen: 5.815 ug/L
RT: 8.550 min Scan# 2258
Delta R.T. 0.000 min
Lab File: VU055916.D
Acq: 27 Oct 2023 09:39

Tgt Ion: 164 Resp: 93708

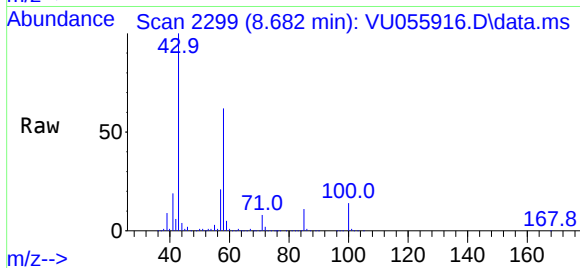
Ion	Ratio	Lower	Upper
164	100		
129	101.4	72.2	134.0
131	97.1	70.8	131.6
166	126.6	89.0	165.2



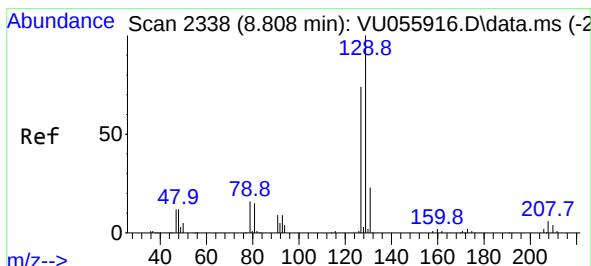
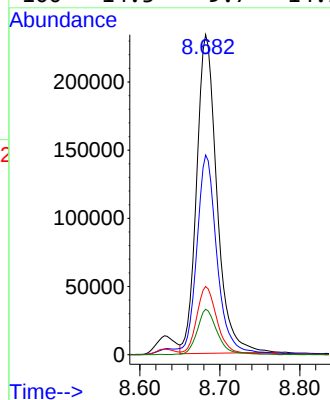
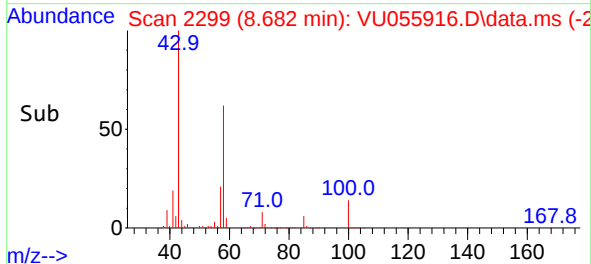


#48
2-Hexanone
Concen: 49.963 ug/L
RT: 8.682 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU055916.D
Acq: 27 Oct 2023 09:39

Instrument :
MSVOA_U
ClientSampleId :

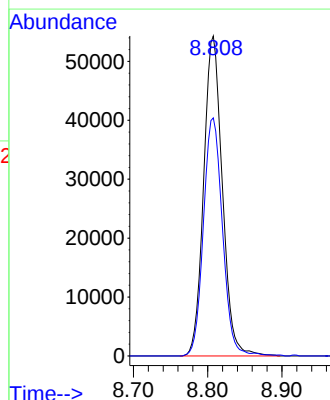
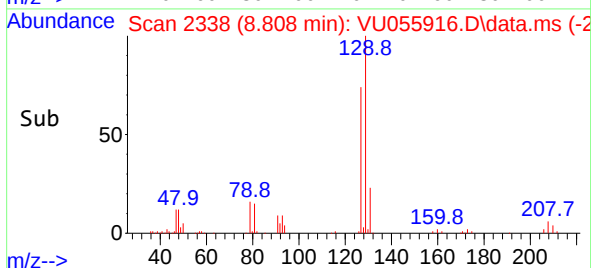
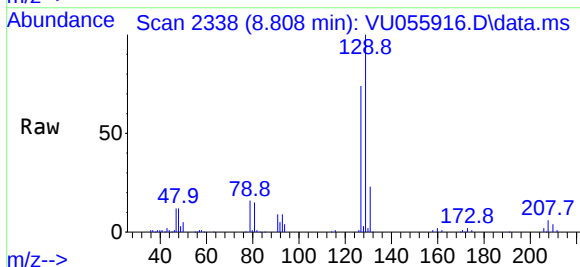


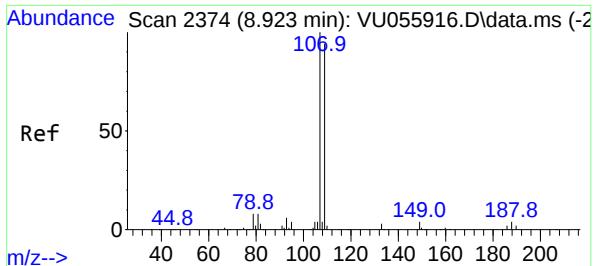
Tgt Ion: 43 Resp: 413620
Ion Ratio Lower Upper
43 100
58 62.1 49.5 74.3
57 21.3 16.9 25.3
100 14.3 9.7 14.5



#49
Dibromochloromethane
Concen: 5.628 ug/L
RT: 8.808 min Scan# 2338
Delta R.T. 0.003 min
Lab File: VU055916.D
Acq: 27 Oct 2023 09:39

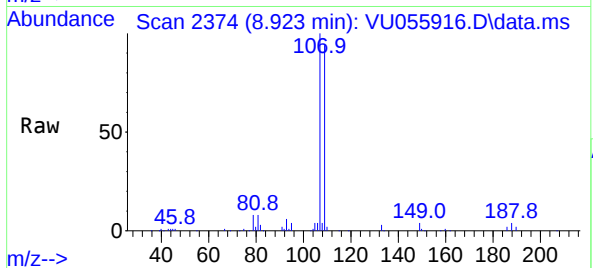
Tgt Ion: 129 Resp: 94882
Ion Ratio Lower Upper
129 100
127 74.4 53.5 99.5



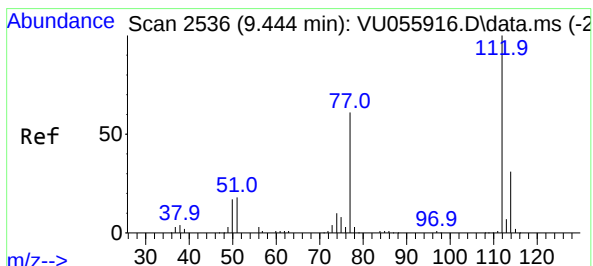
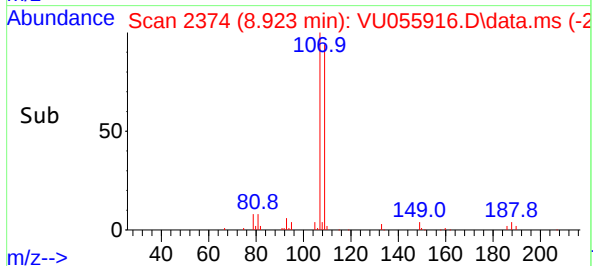
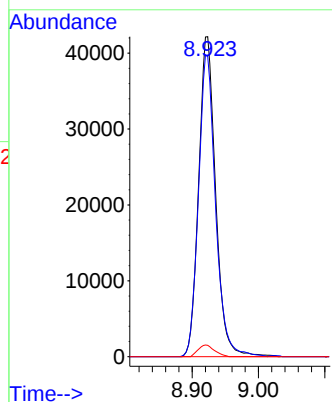


#50
1,2-Dibromoethane
Concen: 5.381 ug/L
RT: 8.923 min Scan# 21
Delta R.T. 0.003 min
Lab File: VU055916.D
Acq: 27 Oct 2023 09:39

Instrument :
MSVOA_U
ClientSampleId :

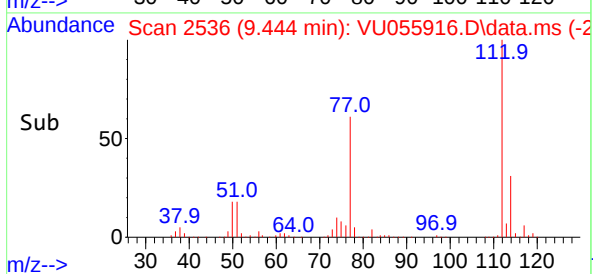
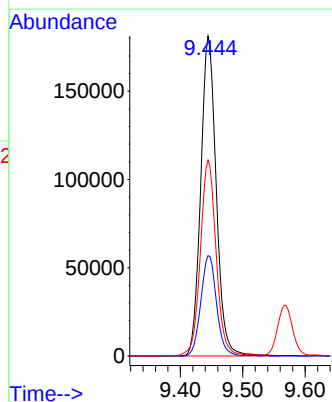
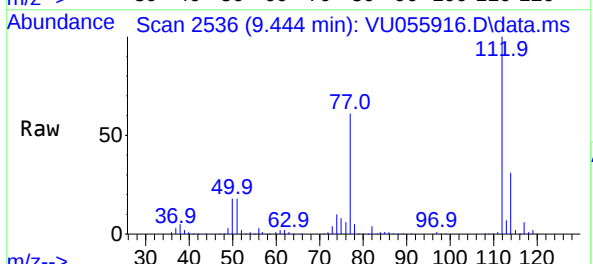


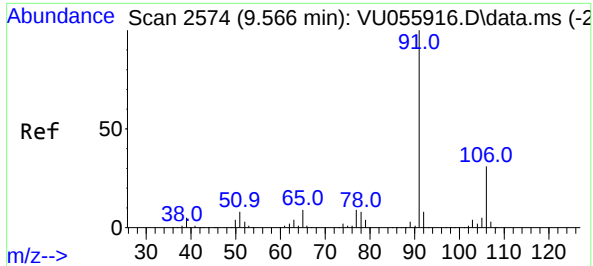
Tgt Ion:107 Resp: 74982
Ion Ratio Lower Upper
107 100
109 93.9 65.0 120.6
188 3.5 2.5 3.7



#51
Chlorobenzene
Concen: 5.556 ug/L
RT: 9.444 min Scan# 2536
Delta R.T. 0.000 min
Lab File: VU055916.D
Acq: 27 Oct 2023 09:39

Tgt Ion:112 Resp: 313037
Ion Ratio Lower Upper
112 100
114 31.4 22.3 41.5
77 61.2 49.9 74.9

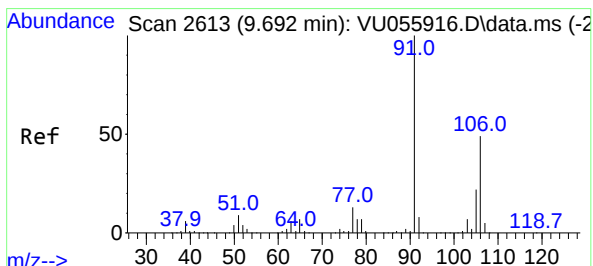
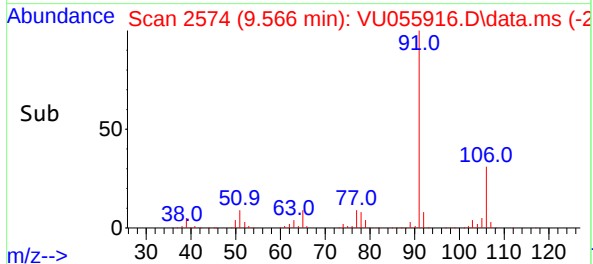
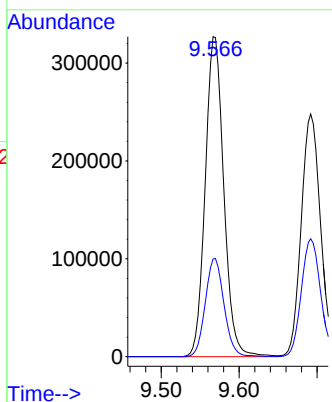
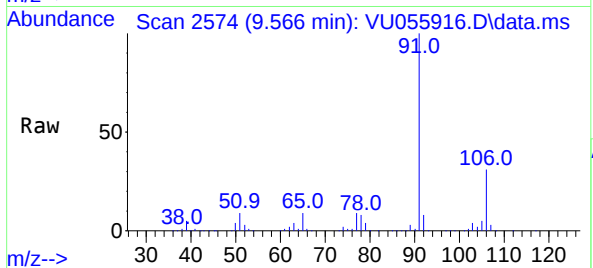




#52
Ethylbenzene
Concen: 5.550 ug/L
RT: 9.566 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU055916.D
Acq: 27 Oct 2023 09:39

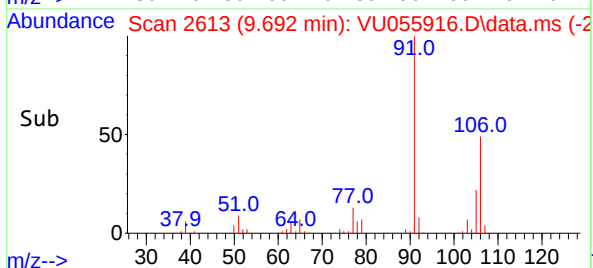
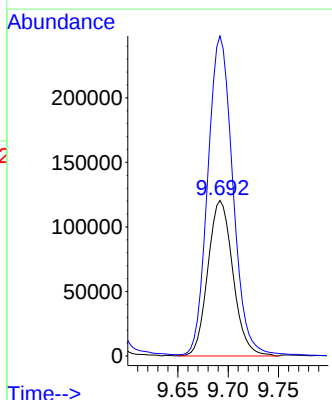
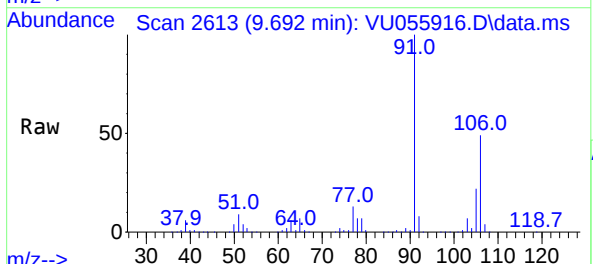
Instrument :
MSVOA_U
ClientSampleId :

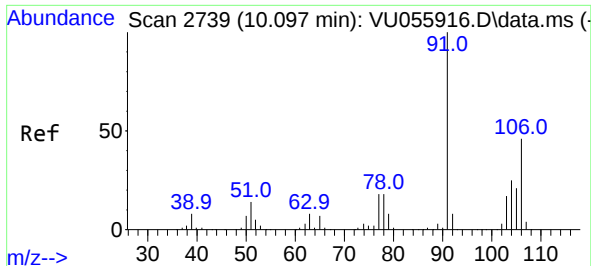
Tgt Ion: 91 Resp: 540897
Ion Ratio Lower Upper
91 100
106 30.5 21.3 39.5



#53
m,p-Xylene
Concen: 5.737 ug/L
RT: 9.692 min Scan# 2613
Delta R.T. 0.000 min
Lab File: VU055916.D
Acq: 27 Oct 2023 09:39

Tgt Ion: 106 Resp: 208944
Ion Ratio Lower Upper
106 100
91 205.7 150.4 279.2

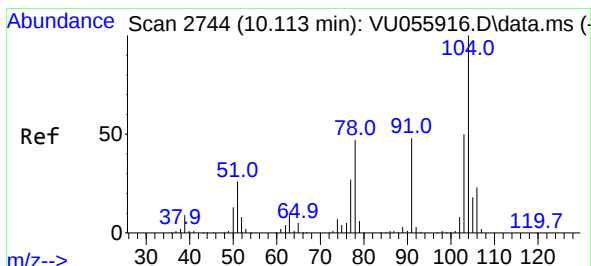
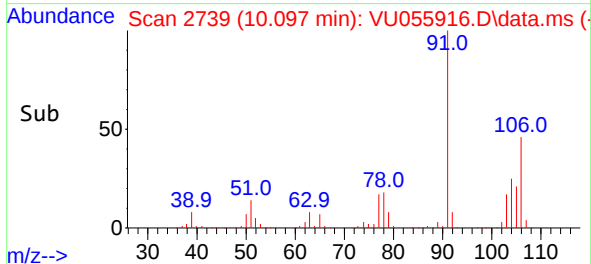
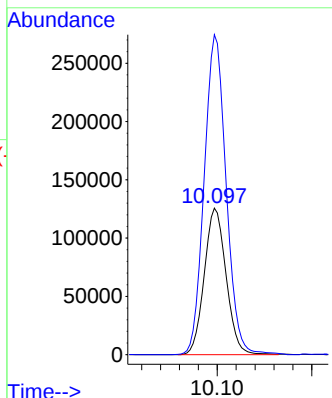
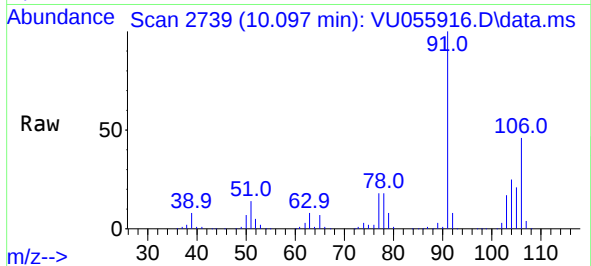




#54
o-Xylene
Concen: 5.657 ug/L
RT: 10.097 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU055916.D
Acq: 27 Oct 2023 09:39

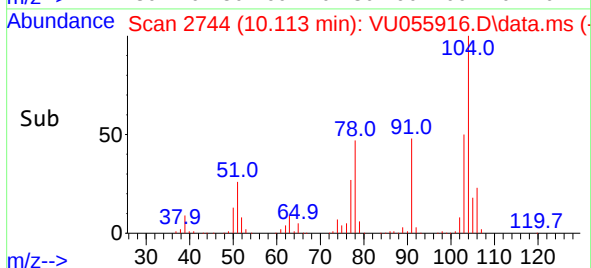
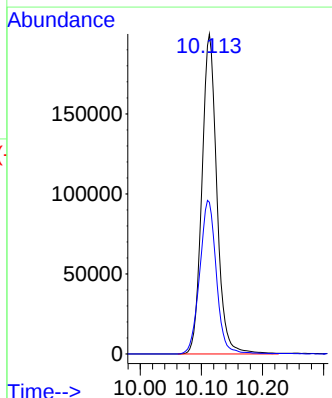
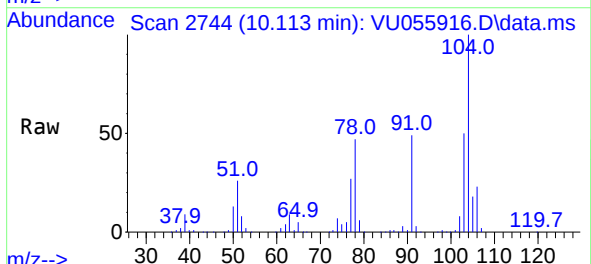
Instrument :
MSVOA_U
ClientSampleId :

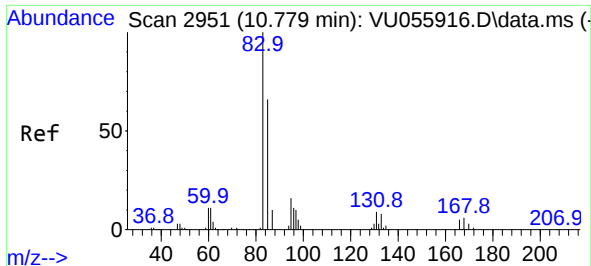
Tgt Ion:106 Resp: 201611
Ion Ratio Lower Upper
106 100
91 218.2 154.6 287.2



#55
Styrene
Concen: 5.957 ug/L
RT: 10.113 min Scan# 2744
Delta R.T. 0.003 min
Lab File: VU055916.D
Acq: 27 Oct 2023 09:39

Tgt Ion:104 Resp: 340269
Ion Ratio Lower Upper
104 100
78 47.4 33.9 63.0

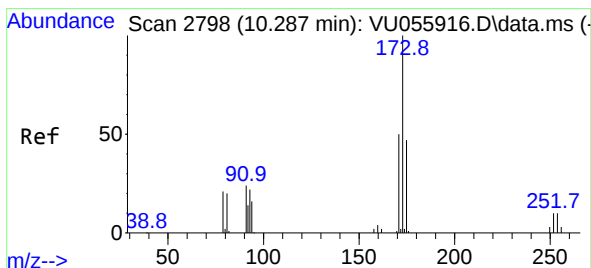
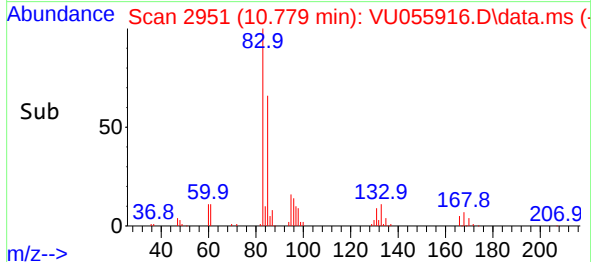
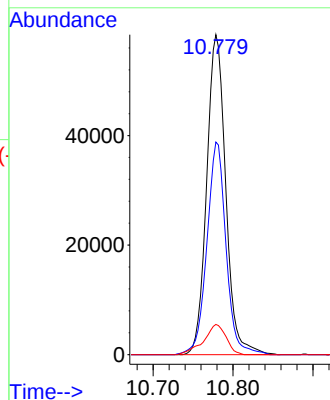
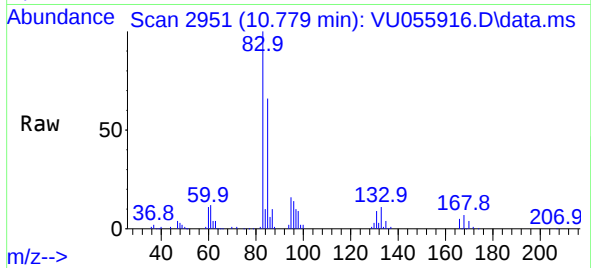




#57
1,1,2,2-Tetrachloroethane
Concen: 5.468 ug/L
RT: 10.779 min Scan# 2951
Delta R.T. 0.000 min
Lab File: VU055916.D
Acq: 27 Oct 2023 09:39

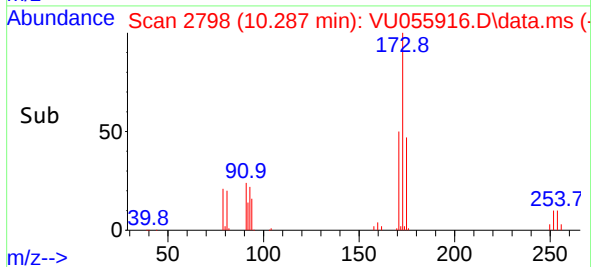
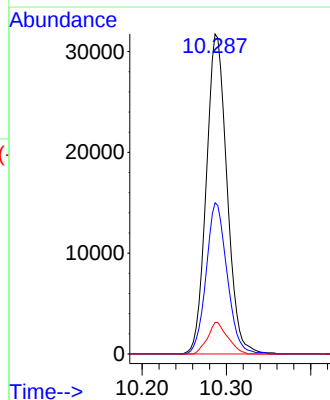
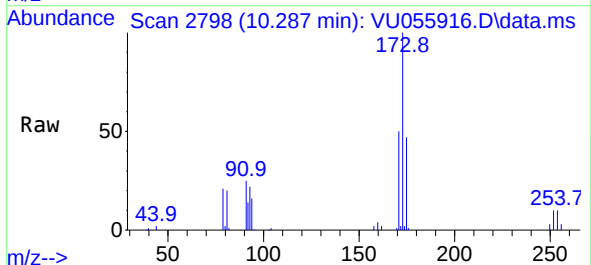
Instrument :
MSVOA_U
ClientSampleId :

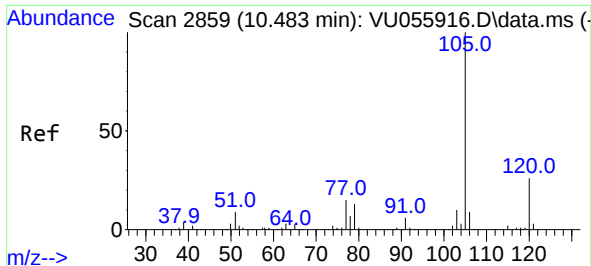
Tgt Ion: 83 Resp: 97200
Ion Ratio Lower Upper
83 100
85 66.5 46.2 85.8
131 9.4 7.2 10.8



#59
Bromoform
Concen: 5.449 ug/L
RT: 10.287 min Scan# 2798
Delta R.T. 0.000 min
Lab File: VU055916.D
Acq: 27 Oct 2023 09:39

Tgt Ion:173 Resp: 54180
Ion Ratio Lower Upper
173 100
175 47.8 37.8 56.6
254 9.5 7.4 11.0

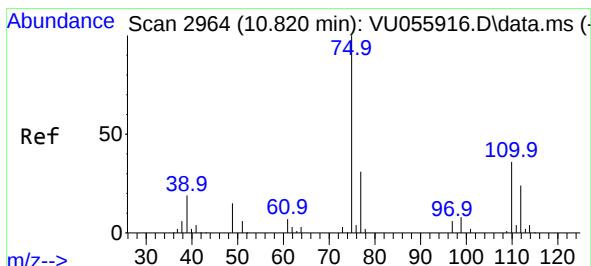
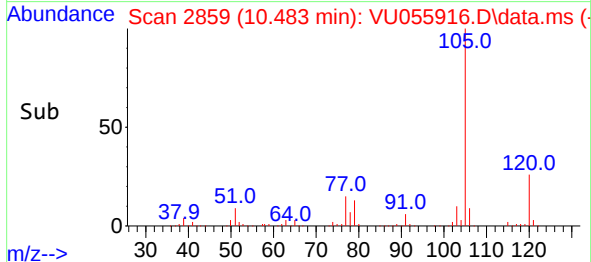
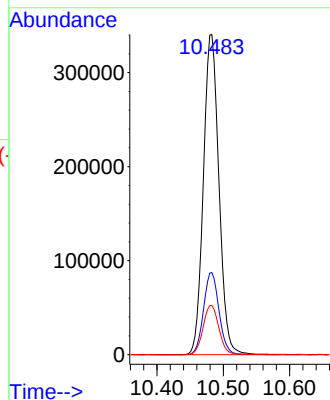
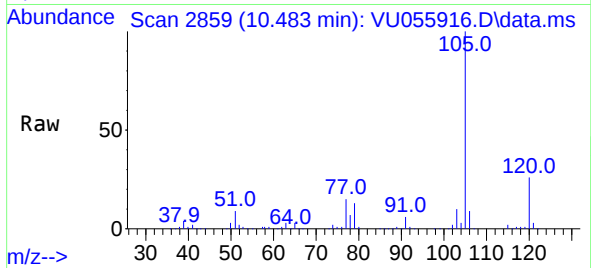




#60
Isopropylbenzene
Concen: 5.693 ug/L
RT: 10.483 min Scan# 2859
Delta R.T. 0.003 min
Lab File: VU055916.D
Acq: 27 Oct 2023 09:39

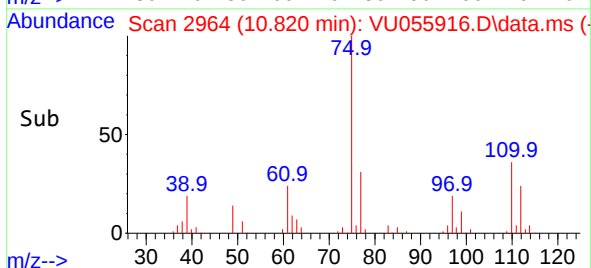
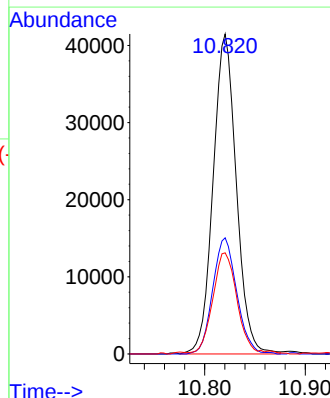
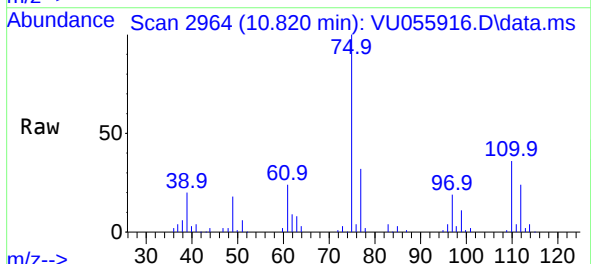
Instrument :
MSVOA_U
ClientSampleId :

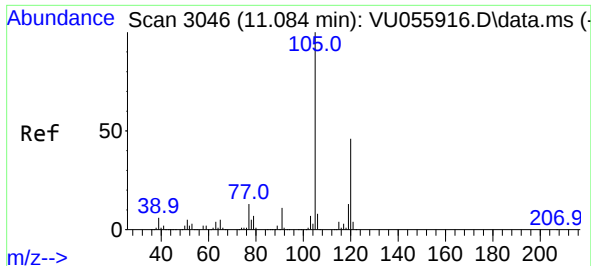
Tgt Ion:105 Resp: 554473
Ion Ratio Lower Upper
105 100
120 25.6 20.2 30.4
77 15.6 13.0 19.4



#61
1,2,3-Trichloropropane
Concen: 4.954 ug/L
RT: 10.820 min Scan# 2964
Delta R.T. 0.003 min
Lab File: VU055916.D
Acq: 27 Oct 2023 09:39

Tgt Ion: 75 Resp: 66478
Ion Ratio Lower Upper
75 100
110 37.5 29.0 43.6
77 33.5 24.5 36.7

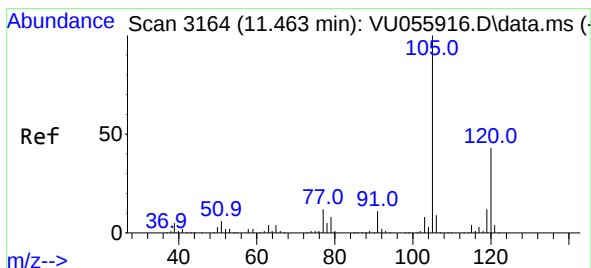
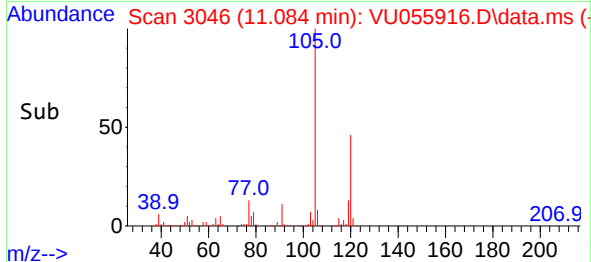
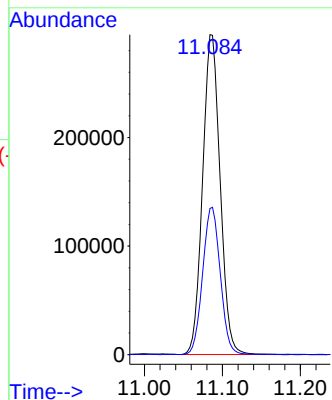
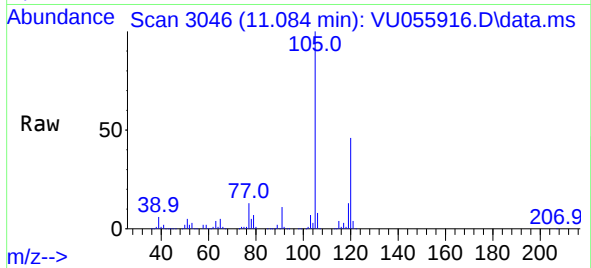




#62
1,3,5-Trimethylbenzene
Concen: 5.779 ug/L
RT: 11.084 min Scan# 3046
Delta R.T. 0.000 min
Lab File: VU055916.D
Acq: 27 Oct 2023 09:39

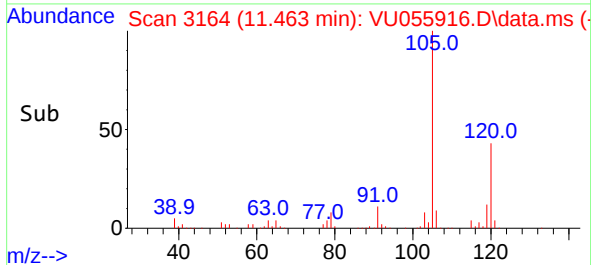
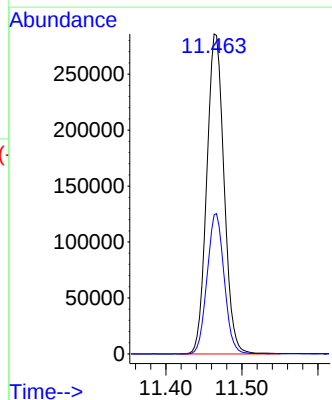
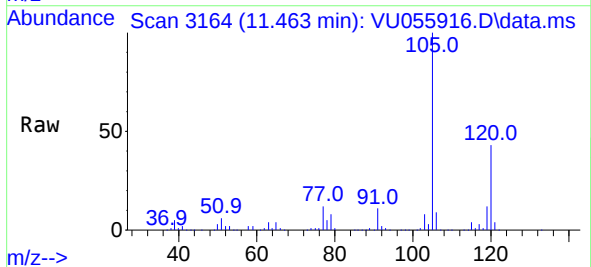
Instrument :
MSVOA_U
ClientSampleId :

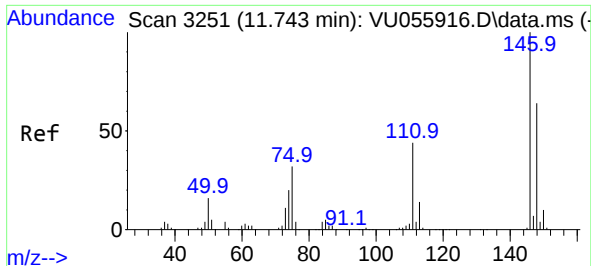
Tgt Ion:105 Resp: 459978
Ion Ratio Lower Upper
105 100
120 46.2 37.4 56.2



#63
1,2,4-Trimethylbenzene
Concen: 6.108 ug/L
RT: 11.463 min Scan# 3164
Delta R.T. 0.000 min
Lab File: VU055916.D
Acq: 27 Oct 2023 09:39

Tgt Ion:105 Resp: 451665
Ion Ratio Lower Upper
105 100
120 43.4 34.6 52.0





#64

1,3-Dichlorobenzene

Concen: 5.527 ug/L

RT: 11.743 min Scan# 31

Delta R.T. 0.003 min

Lab File: VU055916.D

Acq: 27 Oct 2023 09:39

Instrument :

MSVOA_U

ClientSampleId :

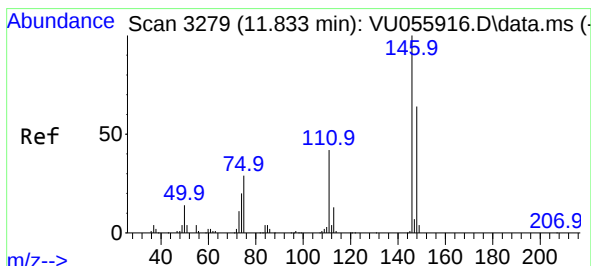
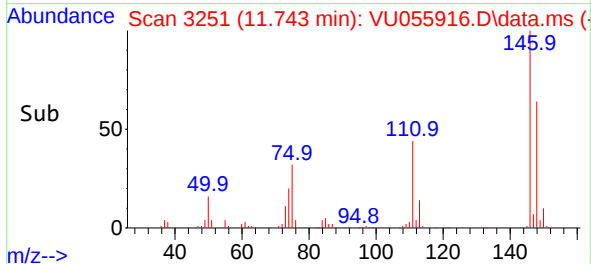
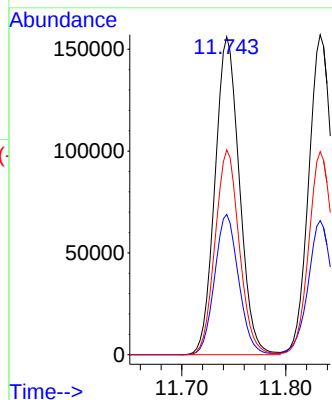
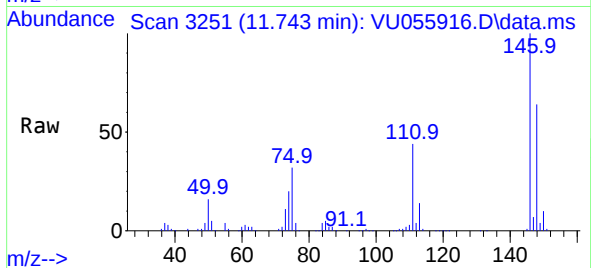
Tgt Ion:146 Resp: 255188

Ion Ratio Lower Upper

146 100

111 44.1 31.1 57.9

148 64.4 44.8 83.2



#65

1,4-Dichlorobenzene

Concen: 5.563 ug/L

RT: 11.833 min Scan# 3279

Delta R.T. 0.000 min

Lab File: VU055916.D

Acq: 27 Oct 2023 09:39

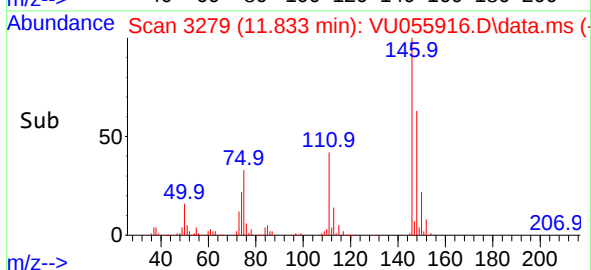
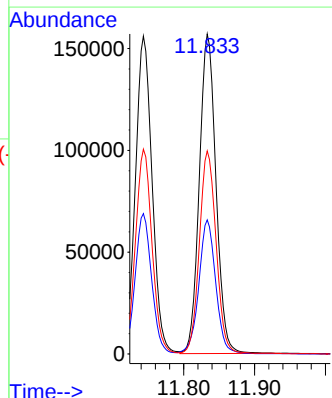
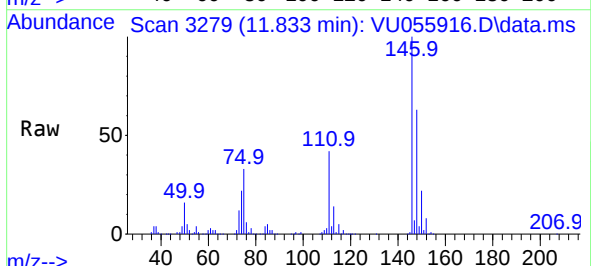
Tgt Ion:146 Resp: 256360

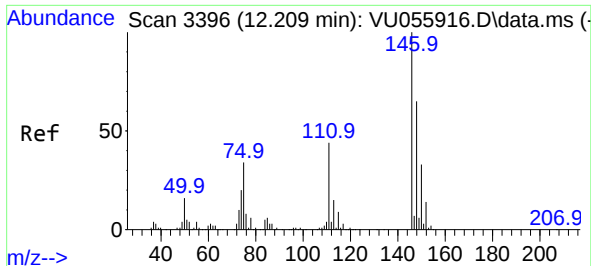
Ion Ratio Lower Upper

146 100

111 41.9 29.3 54.3

148 63.5 45.6 84.8





#67

1,2-Dichlorobenzene

Concen: 5.601 ug/L

RT: 12.209 min Scan# 3396

Delta R.T. 0.000 min

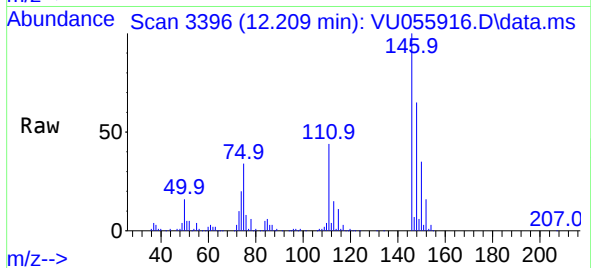
Lab File: VU055916.D

Acq: 27 Oct 2023 09:39

Instrument :

MSVOA_U

ClientSampleId :



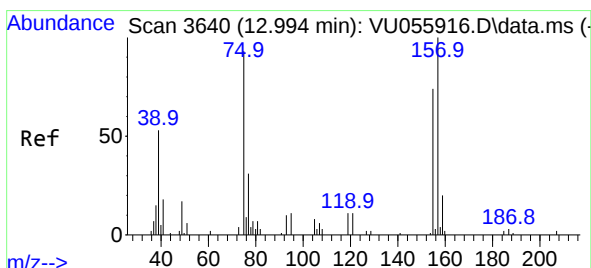
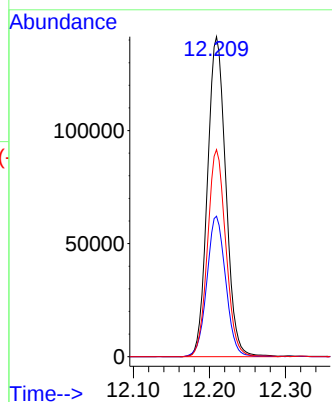
Tgt Ion:146 Resp: 237441

Ion	Ratio	Lower	Upper
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146	100		
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111	43.9	36.7	55.1
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148	64.7	51.0	76.4
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#68

1,2-Dibromo-3-chloropropane

Concen: 6.340 ug/L

RT: 12.994 min Scan# 3640

Delta R.T. 0.000 min

Lab File: VU055916.D

Acq: 27 Oct 2023 09:39

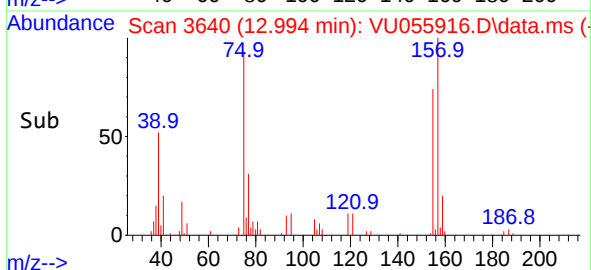
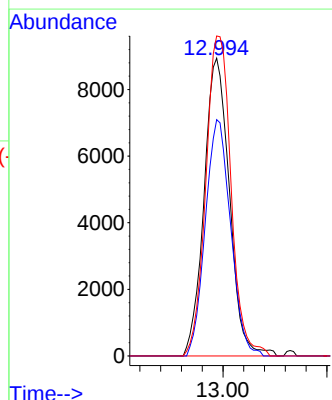
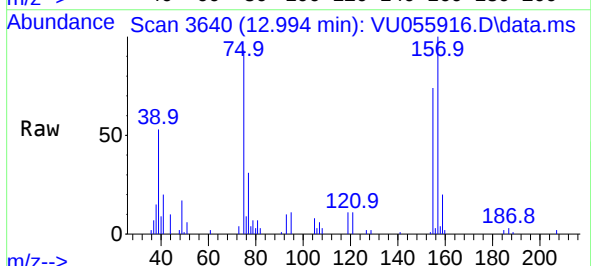
Tgt Ion: 75 Resp: 15181

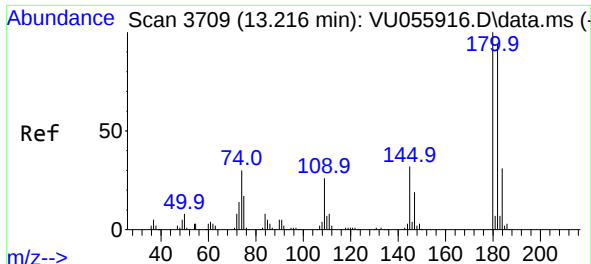
Ion	Ratio	Lower	Upper
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75	100		
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155	79.4	65.3	97.9
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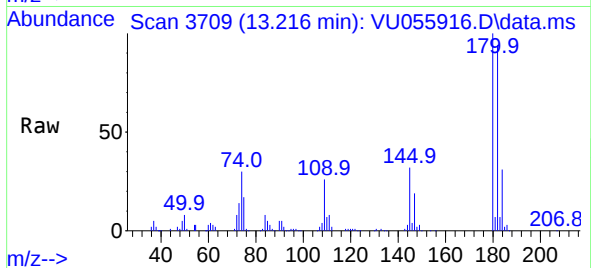
157	107.5	87.9	131.9
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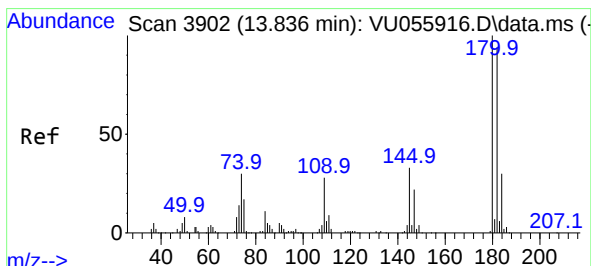
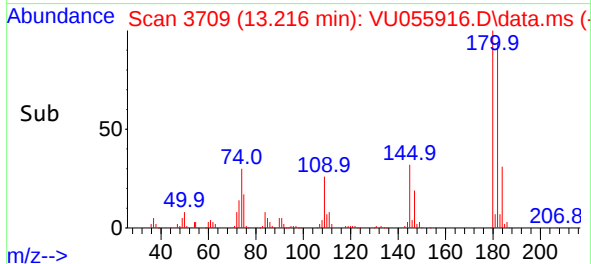
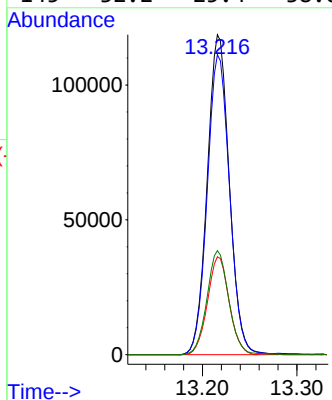


#69
1,3,5-Trichlorobenzene
Concen: 6.099 ug/L
RT: 13.216 min Scan# 3709
Delta R.T. 0.000 min
Lab File: VU055916.D
Acq: 27 Oct 2023 09:39

Instrument :
MSVOA_U
ClientSampleId :

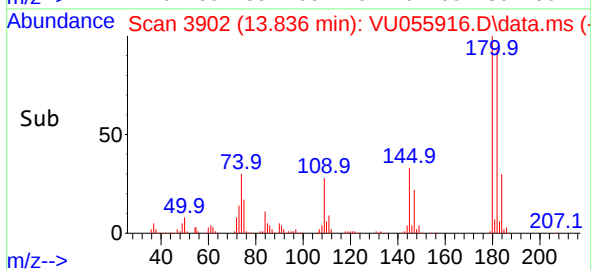
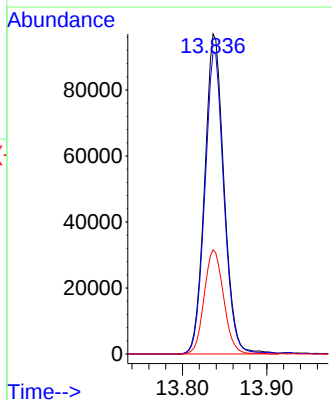
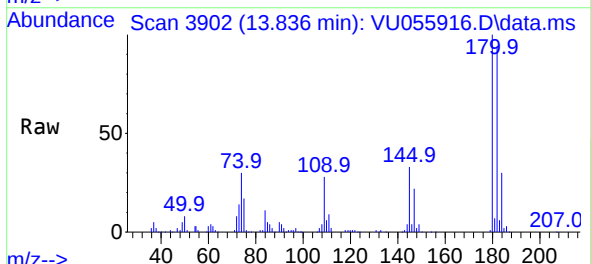


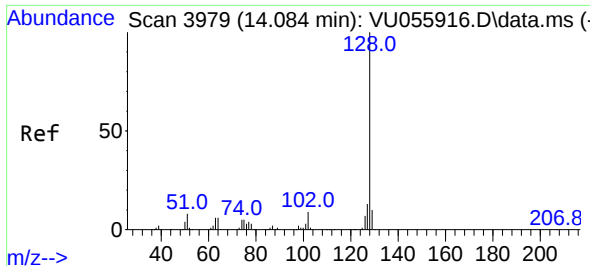
Tgt Ion:180 Resp: 192419
Ion Ratio Lower Upper
180 100
182 94.7 74.7 112.1
184 29.9 23.8 35.8
145 32.2 25.4 38.0



#70
1,2,4-trichlorobenzene
Concen: 6.663 ug/L
RT: 13.836 min Scan# 3902
Delta R.T. 0.000 min
Lab File: VU055916.D
Acq: 27 Oct 2023 09:39

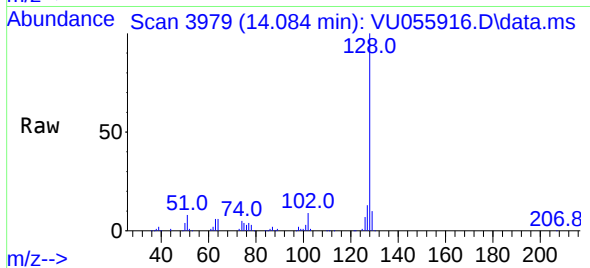
Tgt Ion:180 Resp: 155381
Ion Ratio Lower Upper
180 100
182 93.0 76.1 114.1
145 32.5 26.4 39.6



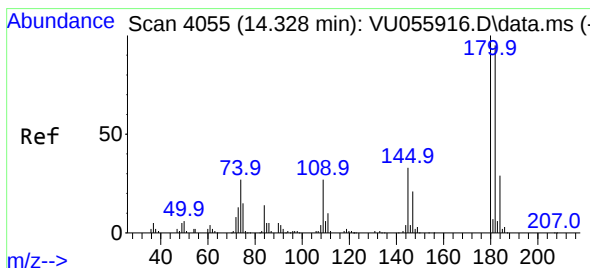
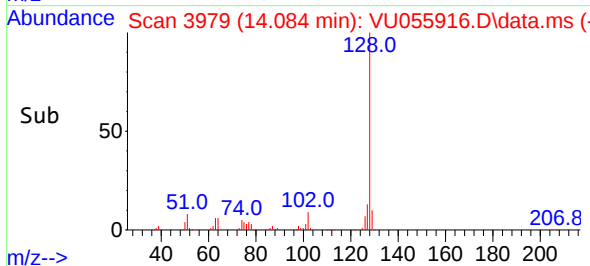
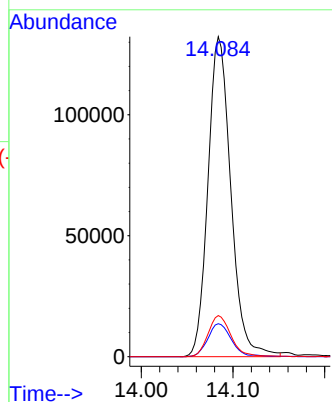


#71
Naphthalene
Concen: 6.799 ug/L
RT: 14.084 min Scan# 3979
Delta R.T. 0.000 min
Lab File: VU055916.D
Acq: 27 Oct 2023 09:39

Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion:128 Resp: 229595
Ion Ratio Lower Upper
128 100
129 10.3 8.3 12.5
127 12.9 10.0 15.0



#72
1,2,3-Trichlorobenzene
Concen: 6.590 ug/L
RT: 14.328 min Scan# 4055
Delta R.T. 0.003 min
Lab File: VU055916.D
Acq: 27 Oct 2023 09:39

Tgt Ion:180 Resp: 132490
Ion Ratio Lower Upper
180 100
182 95.1 74.6 112.0
145 34.5 27.4 41.2

