

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU102723\
 Data File : VU055934.D
 Acq On : 27 Oct 2023 19:32
 Operator : MD/SY
 Sample : 05009-09MSD
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Oct 27 23:57:17 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	416354	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	406237	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	208828	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.599	65	96810	2.939	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	58.800%
7) Chloroethane-d5	1.914	69	89022	3.468	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	69.400%
11) 1,1-Dichloroethene-d2	2.567	65	45334	3.242	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	64.800%
20) 2-Butanone-d5	4.624	46	259992	44.249	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	88.500%
24) Chloroform-d	5.058	84	247585	4.057	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	81.200%
26) 1,2-Dichloroethane-d4	5.698	65	112522	3.784	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	75.600%
32) Benzene-d6	5.724	84	476273	3.936	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	78.800%
36) 1,2-Dichloropropane-d6	6.685	67	146424	4.082	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	81.600%
41) Toluene-d8	7.894	98	425364	3.875	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	77.400%
43) trans-1,3-Dichloroprop...	8.177	79	50411	3.593	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	71.800%
46) 2-Hexanone-d5	8.627	63	227119	63.770	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	127.540%
56) 1,1,2,2-Tetrachloroeth...	10.750	84	112438	4.304	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	86.000%
66) 1,2-Dichlorobenzene-d4	12.190	152	163951	4.208	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	84.200%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.383	85	188969	7.964	ug/L	97
3) Chloromethane	1.518	50	175043	7.726	ug/L	97
5) Vinyl chloride	1.602	62	175595	7.037	ug/L	99
6) Bromomethane	1.856	94	98271	6.357	ug/L	99
8) Chloroethane	1.933	64	102643	7.019	ug/L	98
9) Trichlorofluoromethane	2.139	101	236195	6.862	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.579	101	143836	6.362	ug/L	97
12) 1,1-Dichloroethene	2.579	96	134760	6.678	ug/L #	72
13) Acetone	2.631	43	155735	46.512	ug/L	97
14) Carbon disulfide	2.792	76	448773	8.686	ug/L	98
15) Methyl Acetate	2.952	43	28413	4.165	ug/L	98
16) Methylene chloride	3.042	84	145245	6.353	ug/L	99
17) Methyl tert-butyl Ether	3.358	73	312483	6.381	ug/L	99
18) trans-1,2-Dichloroethene	3.351	96	146833	7.339	ug/L	96
19) 1,1-Dichloroethane	3.866	63	268132	6.600	ug/L	97
21) 2-Butanone	4.702	43	262021	53.234	ug/L	95
22) cis-1,2-Dichloroethene	4.663	96	160202	6.613	ug/L	95
23) Bromochloromethane	4.972	128	66151	6.703	ug/L	95
25) Chloroform	5.084	83	274505	6.302	ug/L	100

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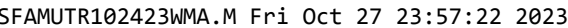
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 ClientSampleId :

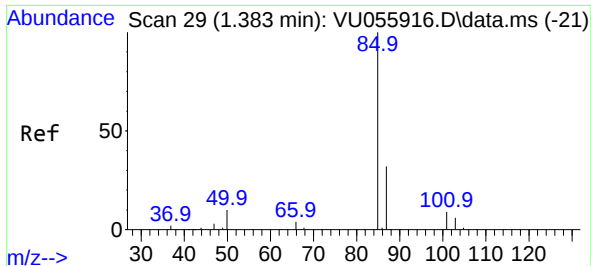
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 Quant Title : TRACE VOA SFAM1.0
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.792	62	159597	6.236	ug/L	97
29) 1,1,1-Trichloroethane	5.312	97	240775	6.503	ug/L	99
30) Cyclohexane	5.386	56	232102	7.430	ug/L	99
31) Carbon tetrachloride	5.521	117	211197	6.687	ug/L	99
33) Benzene	5.772	78	607743	6.779	ug/L	100
34) Trichloroethene	6.537	95	164983	6.579	ug/L	99
35) Methylcyclohexane	6.759	83	245317	7.248	ug/L	99
37) 1,2-Dichloropropane	6.788	63	150451	6.320	ug/L	99
38) Bromodichloromethane	7.100	83	190345	6.370	ug/L	99
39) cis-1,3-Dichloropropene	7.605	75	207268	6.112	ug/L	97
40) 4-Methyl-2-pentanone	7.785	43	688279	59.983	ug/L	98
42) Toluene	7.965	91	654475	6.985	ug/L	98
44) trans-1,3-Dichloropropene	8.206	75	166684	6.089	ug/L	99
45) 1,1,2-Trichloroethane	8.396	97	103554	6.187	ug/L	98
47) Tetrachloroethene	8.550	164	123335	7.023	ug/L	98
48) 2-Hexanone	8.679	43	503002	55.752	ug/L	98
49) Dibromochloromethane	8.804	129	122285	6.656	ug/L	98
50) 1,2-Dibromoethane	8.920	107	100911	6.645	ug/L	97
51) Chlorobenzene	9.444	112	404003	6.580	ug/L	100
52) Ethylbenzene	9.566	91	711311	6.697	ug/L	99
53) m,p-Xylene	9.692	106	276706	6.972	ug/L	94
54) o-Xylene	10.097	106	260462	6.706	ug/L	99
55) Styrene	10.110	104	426794	6.855	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.778	83	123168	6.357	ug/L	96
59) Bromoform	10.287	173	68903	6.486	ug/L	99
60) Isopropylbenzene	10.479	105	718843	6.908	ug/L	100
61) 1,2,3-Trichloropropane	10.817	75	88712	6.188	ug/L	98
62) 1,3,5-Trimethylbenzene	11.084	105	586536	6.897	ug/L	100
63) 1,2,4-Trimethylbenzene	11.463	105	586362	7.422	ug/L	100
64) 1,3-Dichlorobenzene	11.743	146	333515	6.761	ug/L	98
65) 1,4-Dichlorobenzene	11.833	146	325807	6.618	ug/L	98
67) 1,2-Dichlorobenzene	12.209	146	300430	6.633	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.994	75	20152	7.877	ug/L	90
69) 1,3,5-Trichlorobenzene	13.216	180	248537	7.373	ug/L	99
70) 1,2,4-trichlorobenzene	13.836	180	202970	8.146	ug/L	98
71) Naphthalene	14.084	128	313541	8.690	ug/L	99
72) 1,2,3-Trichlorobenzene	14.325	180	174879	8.141	ug/L	98

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

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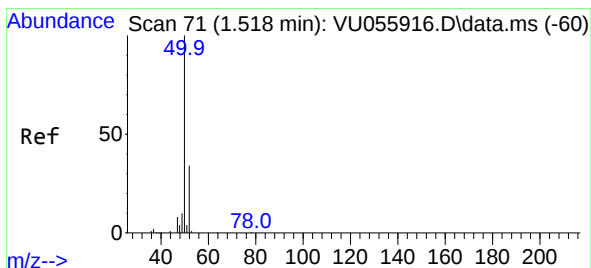
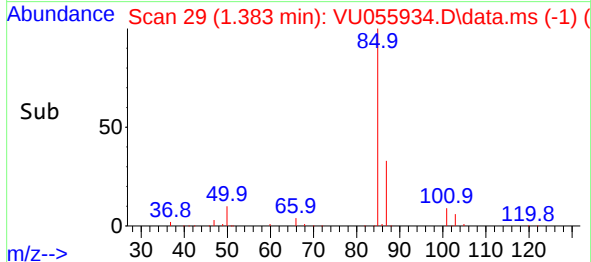
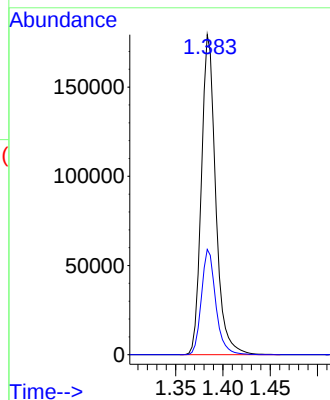
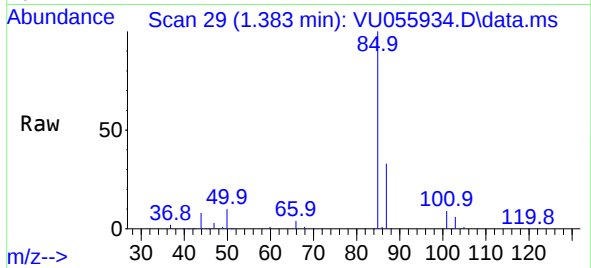




#2
Dichlorodifluoromethane
Concen: 7.964 ug/L
RT: 1.383 min Scan# 29
Delta R.T. -0.000 min
Lab File: VU055934.D
Acq: 27 Oct 2023 19:32

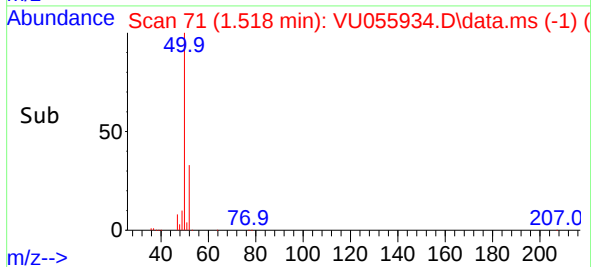
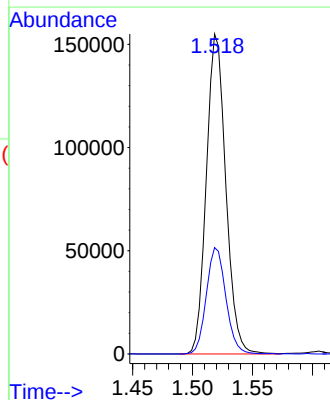
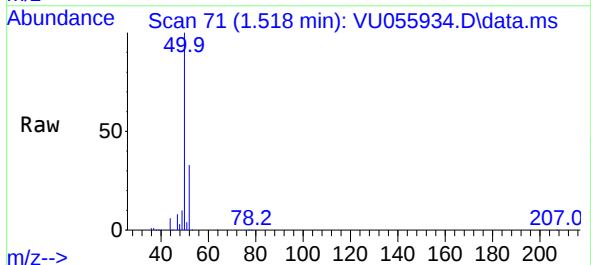
Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 85 Resp: 188969
Ion Ratio Lower Upper
85 100
87 32.8 25.0 37.4

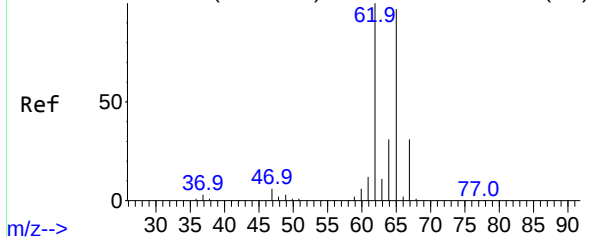


#3
Chloromethane
Concen: 7.726 ug/L
RT: 1.518 min Scan# 71
Delta R.T. 0.003 min
Lab File: VU055934.D
Acq: 27 Oct 2023 19:32

Tgt Ion: 50 Resp: 175043
Ion Ratio Lower Upper
50 100
52 33.2 22.0 40.8



Abundance Scan 97 (1.602 min): VU055916.D\data.ms (-87)



#5

Vinyl chloride

Concen: 7.037 ug/L

RT: 1.602 min Scan# 91

Delta R.T. -0.000 min

Lab File: VU055934.D

Acq: 27 Oct 2023 19:32

Instrument :

MSVOA_U

ClientSampleId :

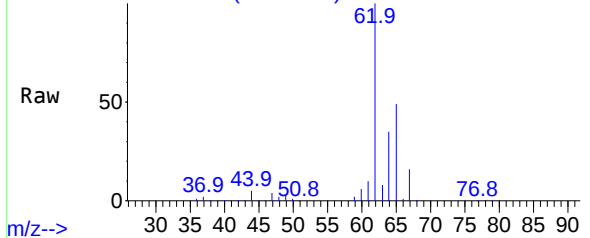
Tgt Ion: 62 Resp: 175595

Ion Ratio Lower Upper

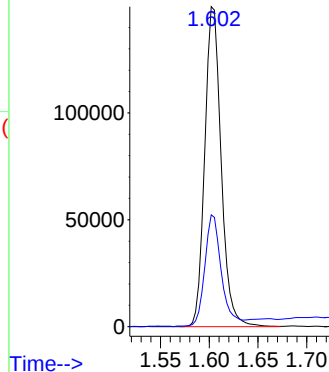
62 100

64 35.0 24.2 45.0

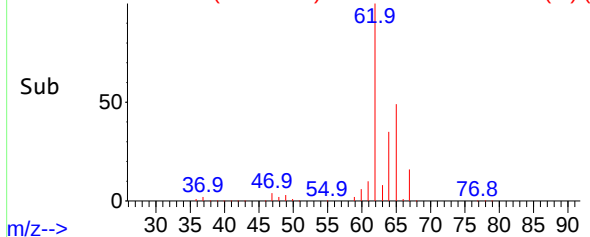
Abundance Scan 97 (1.602 min): VU055934.D\data.ms



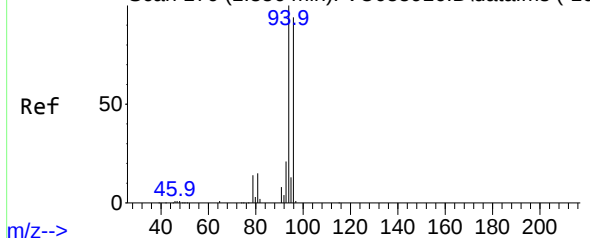
Abundance



Abundance Scan 97 (1.602 min): VU055934.D\data.ms (-4)



Abundance Scan 176 (1.856 min): VU055916.D\data.ms (-16)



#6

Bromomethane

Concen: 6.357 ug/L

RT: 1.856 min Scan# 176

Delta R.T. -0.000 min

Lab File: VU055934.D

Acq: 27 Oct 2023 19:32

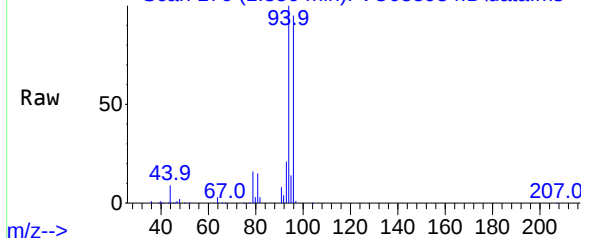
Tgt Ion: 94 Resp: 98271

Ion Ratio Lower Upper

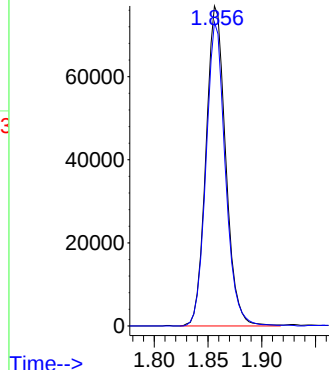
94 100

96 94.9 65.9 122.5

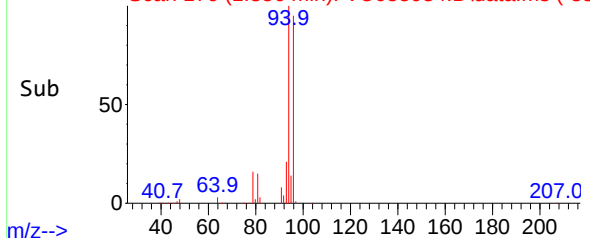
Abundance Scan 176 (1.856 min): VU055934.D\data.ms

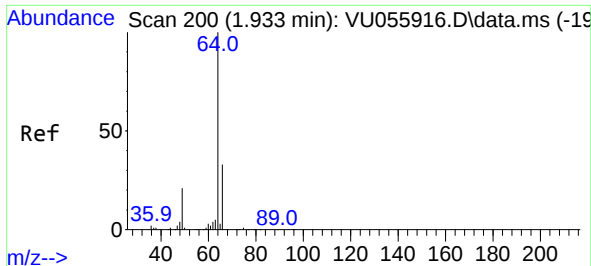


Abundance



Abundance Scan 176 (1.856 min): VU055934.D\data.ms (-83)

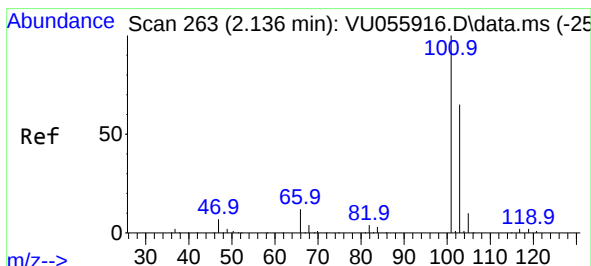
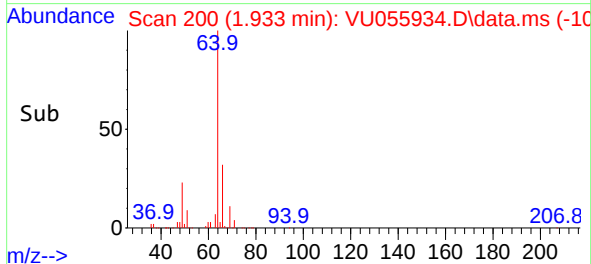
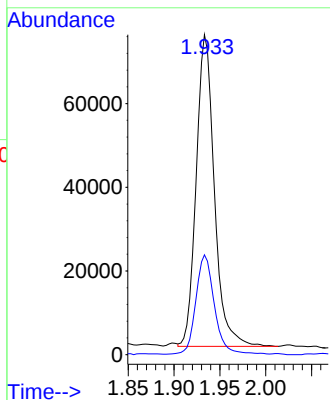
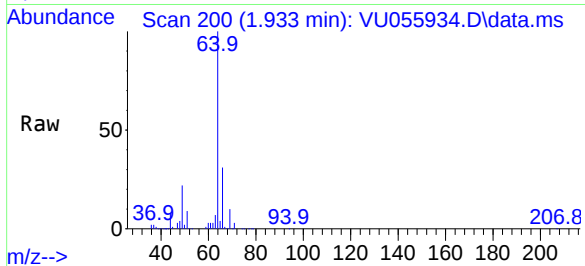




#8
Chloroethane
Concen: 7.019 ug/L
RT: 1.933 min Scan# 200
Delta R.T. -0.000 min
Lab File: VU055934.D
Acq: 27 Oct 2023 19:32

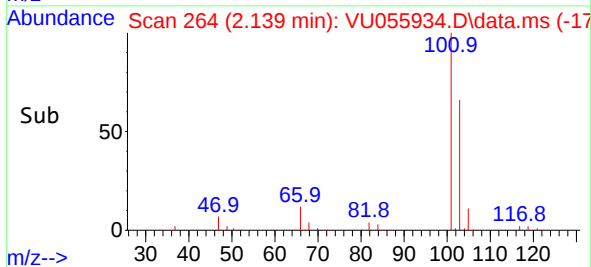
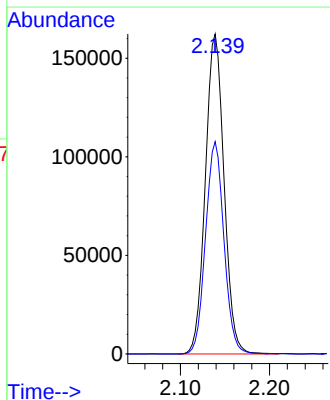
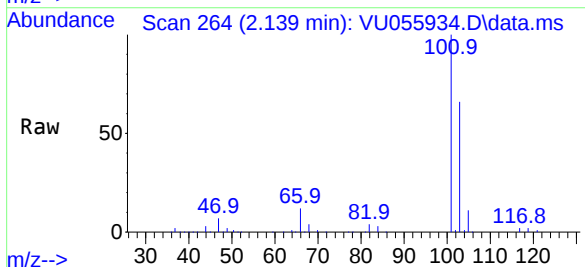
Instrument :
MSVOA_U
ClientSampleId :

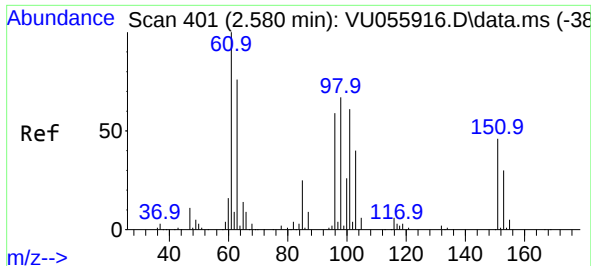
Tgt Ion: 64 Resp: 102643
Ion Ratio Lower Upper
64 100
66 31.2 22.7 42.1



#9
Trichlorofluoromethane
Concen: 6.862 ug/L
RT: 2.139 min Scan# 264
Delta R.T. 0.003 min
Lab File: VU055934.D
Acq: 27 Oct 2023 19:32

Tgt Ion:101 Resp: 236195
Ion Ratio Lower Upper
101 100
103 65.3 52.2 78.2

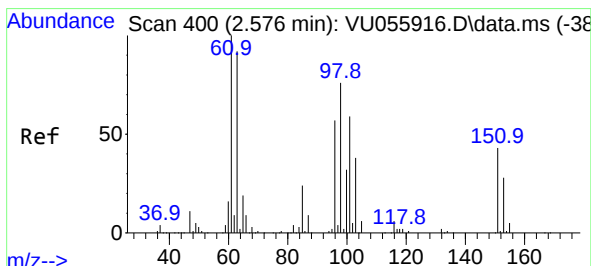
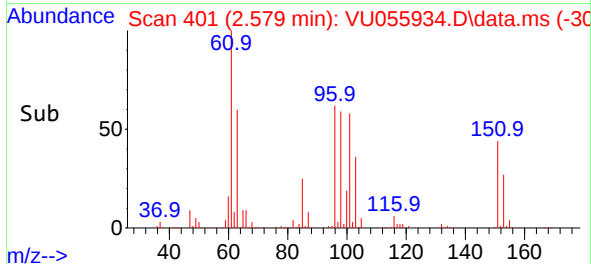
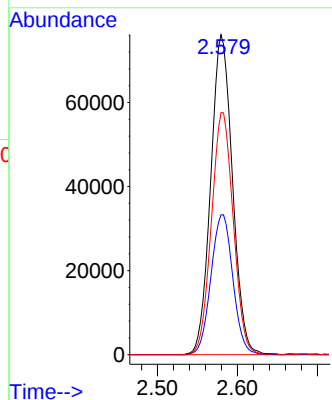
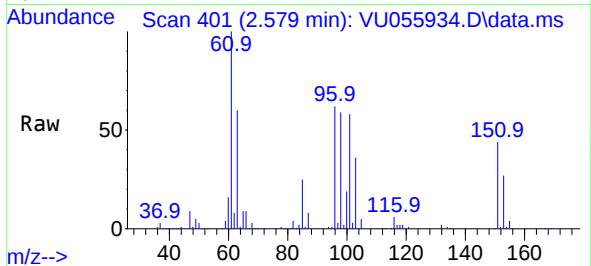




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 6.362 ug/L
RT: 2.579 min Scan# 401
Delta R.T. -0.000 min
Lab File: VU055934.D
Acq: 27 Oct 2023 19:32

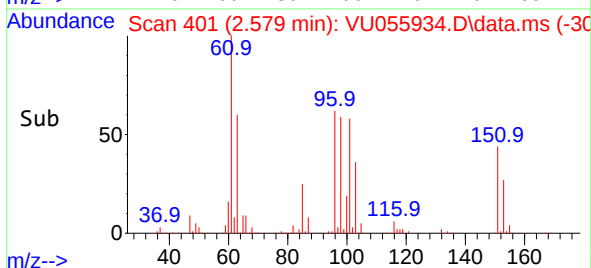
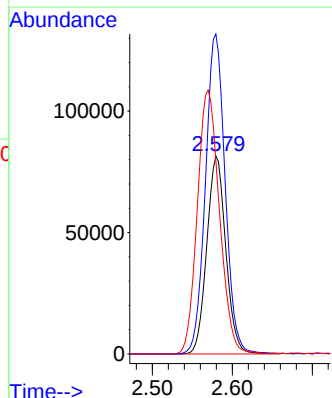
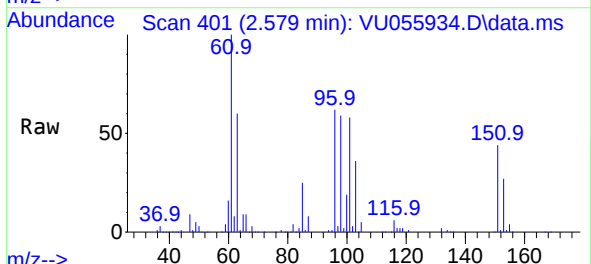
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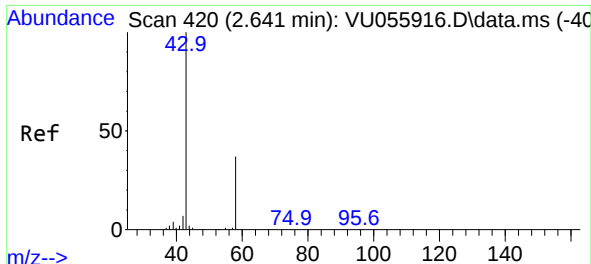
Tgt Ion:101 Resp: 143836
Ion Ratio Lower Upper
101 100
85 44.1 34.4 51.6
151 76.0 58.4 87.6



#12
1,1-Dichloroethene
Concen: 6.678 ug/L
RT: 2.579 min Scan# 401
Delta R.T. 0.003 min
Lab File: VU055934.D
Acq: 27 Oct 2023 19:32

Tgt Ion: 96 Resp: 134760
Ion Ratio Lower Upper
96 100
61 161.8 123.8 230.0
63 97.8 111.0 206.2#

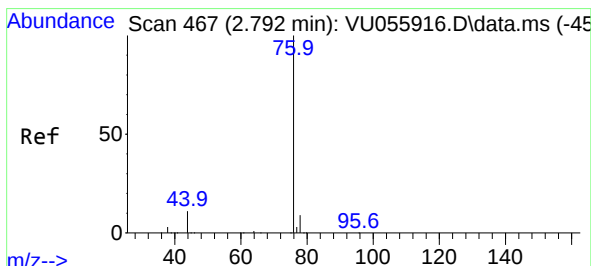
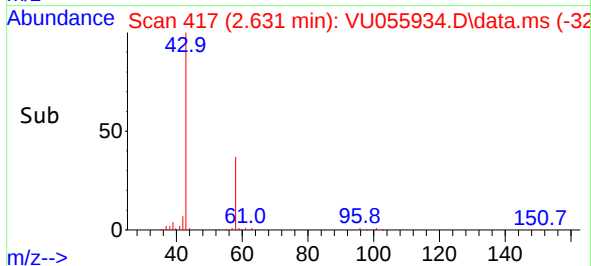
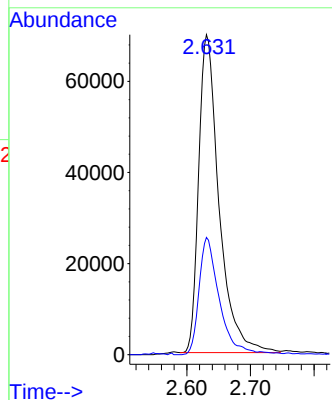
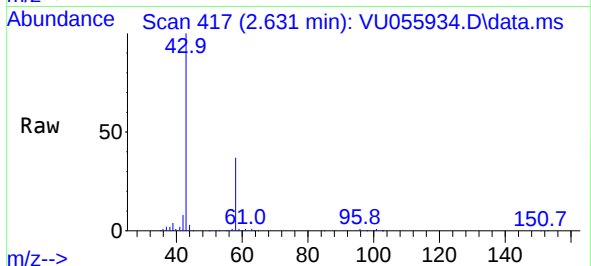




#13
Acetone
Concen: 46.512 ug/L
RT: 2.631 min Scan# 417
Delta R.T. -0.016 min
Lab File: VU055934.D
Acq: 27 Oct 2023 19:32

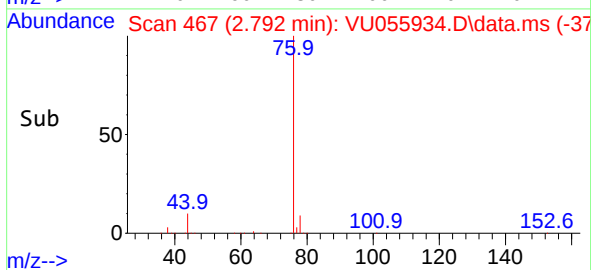
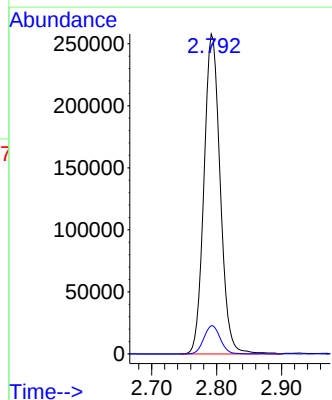
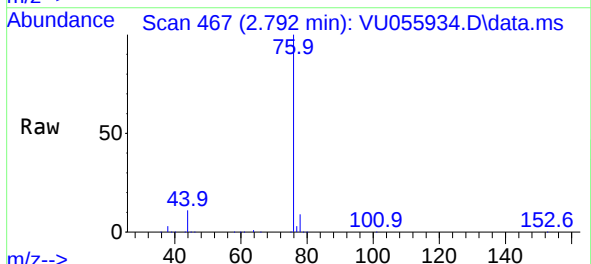
Instrument :
MSVOA_U
ClientSampleId :

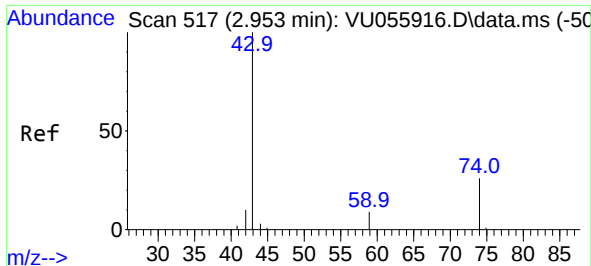
Tgt Ion: 43 Resp: 155735
Ion Ratio Lower Upper
43 100
58 36.2 0.0 69.0



#14
Carbon disulfide
Concen: 8.686 ug/L
RT: 2.792 min Scan# 467
Delta R.T. 0.003 min
Lab File: VU055934.D
Acq: 27 Oct 2023 19:32

Tgt Ion: 76 Resp: 448773
Ion Ratio Lower Upper
76 100
78 8.9 7.5 11.3

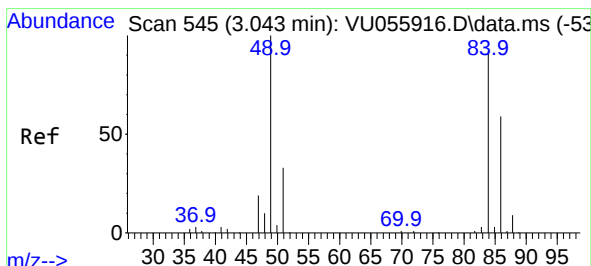
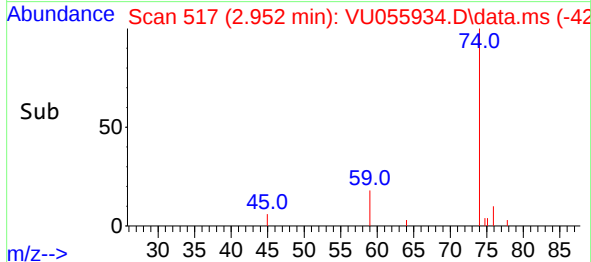
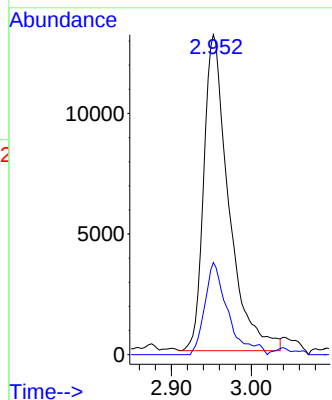
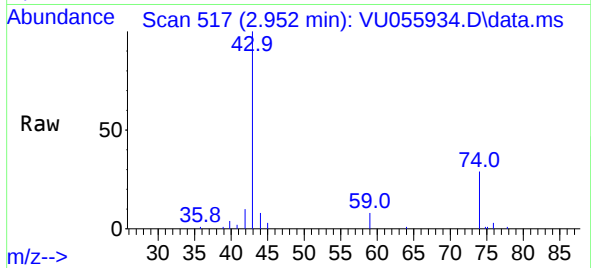




#15
Methyl Acetate
Concen: 4.165 ug/L
RT: 2.952 min Scan# 517
Delta R.T. -0.003 min
Lab File: VU055934.D
Acq: 27 Oct 2023 19:32

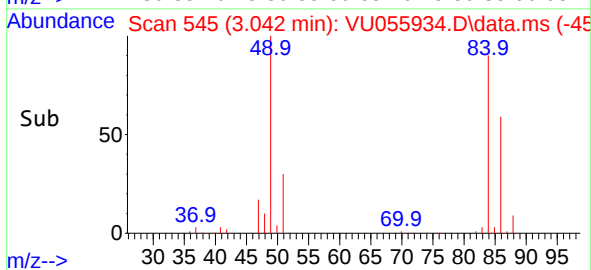
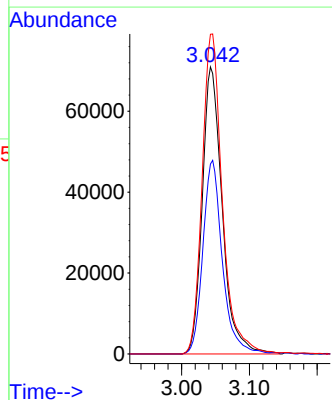
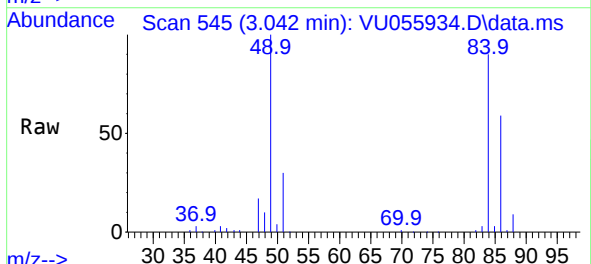
Instrument :
MSVOA_U
ClientSampleId :

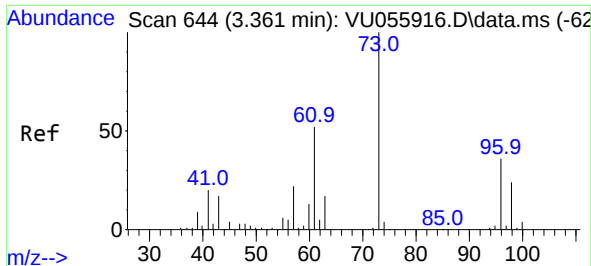
Tgt Ion: 43 Resp: 28413
Ion Ratio Lower Upper
43 100
74 26.1 19.9 29.9



#16
Methylene chloride
Concen: 6.353 ug/L
RT: 3.042 min Scan# 545
Delta R.T. -0.000 min
Lab File: VU055934.D
Acq: 27 Oct 2023 19:32

Tgt Ion: 84 Resp: 145245
Ion Ratio Lower Upper
84 100
86 66.1 45.2 84.0
49 111.4 78.8 146.3





#17

Methyl tert-butyl Ether

Concen: 6.381 ug/L

RT: 3.358 min Scan# 644

Delta R.T. -0.000 min

Lab File: VU055934.D

Acq: 27 Oct 2023 19:32

Instrument :

MSVOA_U

ClientSampleId :

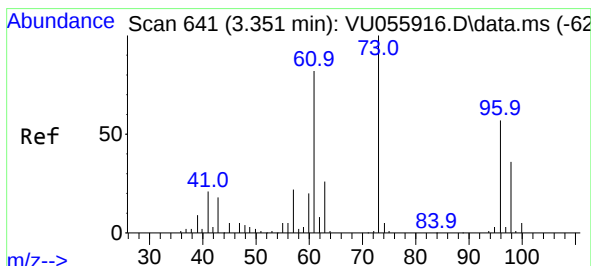
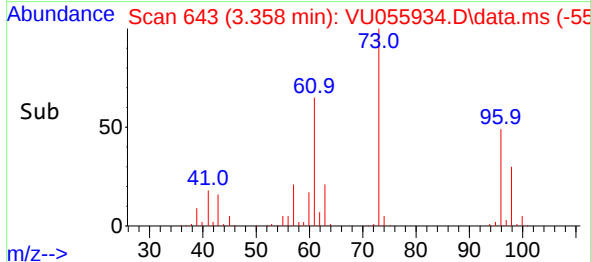
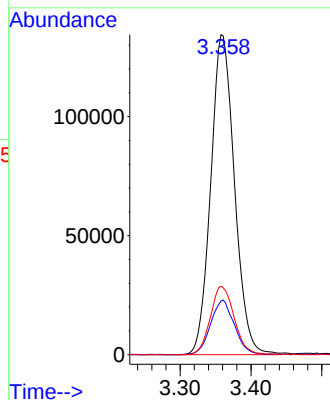
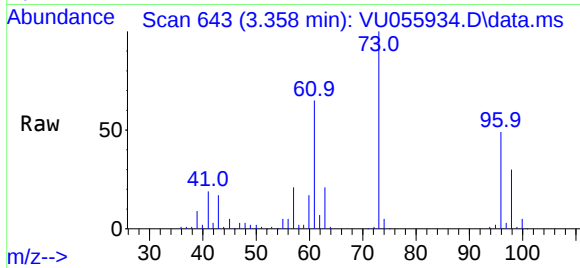
Tgt Ion: 73 Resp: 312483

Ion Ratio Lower Upper

73 100

43 17.1 14.4 21.6

57 21.6 17.0 25.4



#18

trans-1,2-Dichloroethene

Concen: 7.339 ug/L

RT: 3.351 min Scan# 641

Delta R.T. -0.000 min

Lab File: VU055934.D

Acq: 27 Oct 2023 19:32

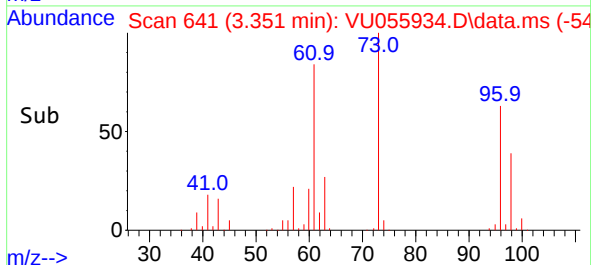
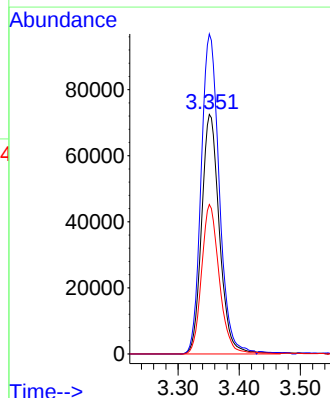
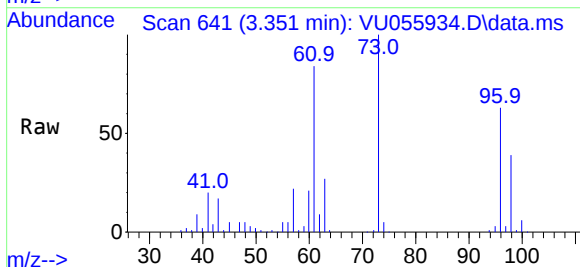
Tgt Ion: 96 Resp: 146833

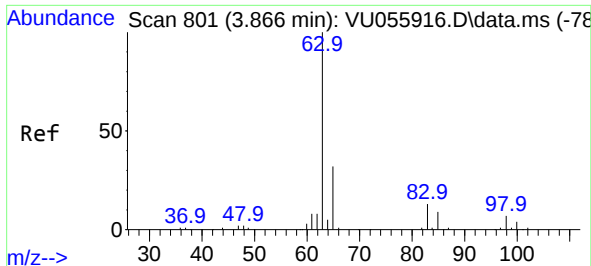
Ion Ratio Lower Upper

96 100

61 133.6 97.5 181.1

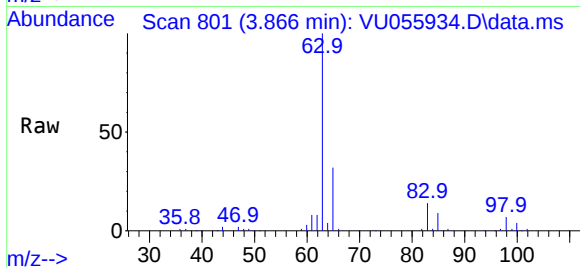
98 62.4 42.7 79.3



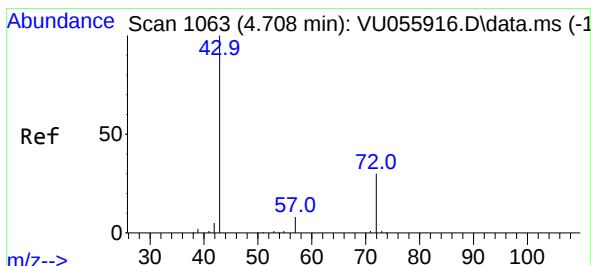
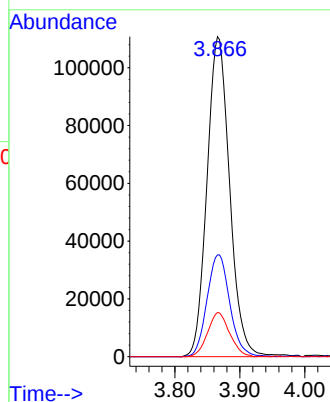
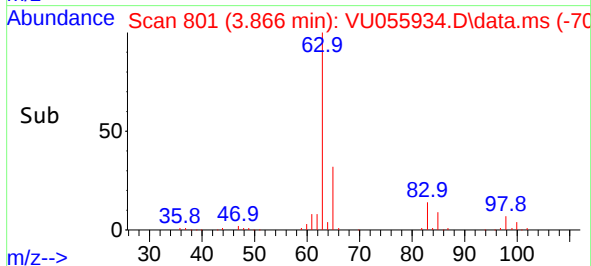


#19
1,1-Dichloroethane
Concen: 6.600 ug/L
RT: 3.866 min Scan# 801
Delta R.T. -0.000 min
Lab File: VU055934.D
Acq: 27 Oct 2023 19:32

Instrument :
MSVOA_U
ClientSampleId :

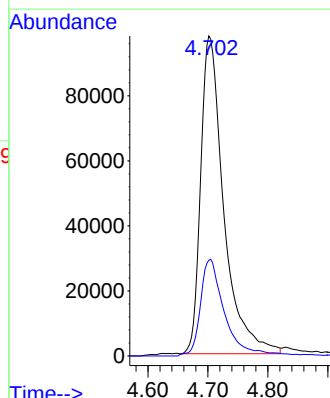
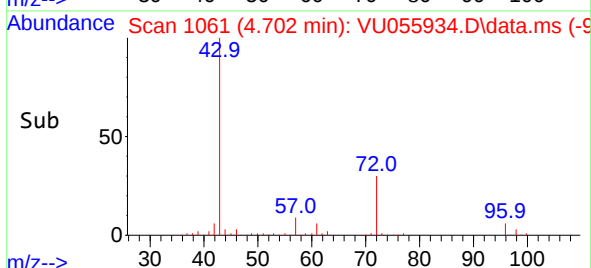
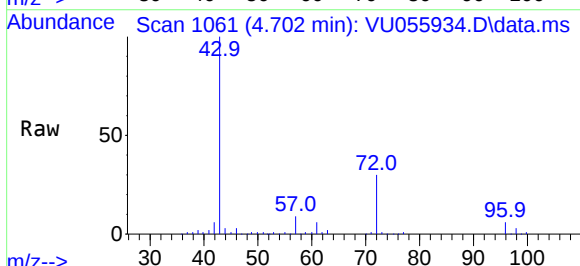


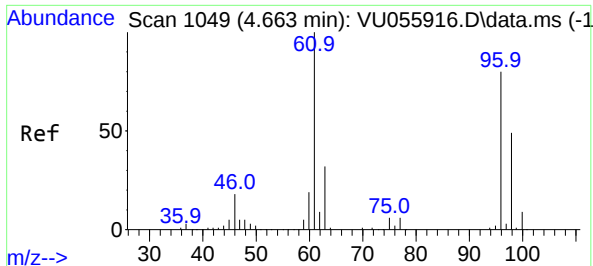
Tgt Ion: 63 Resp: 268132
Ion Ratio Lower Upper
63 100
65 31.8 23.3 43.3
83 13.8 10.5 19.5



#21
2-Butanone
Concen: 53.234 ug/L
RT: 4.702 min Scan# 1061
Delta R.T. -0.010 min
Lab File: VU055934.D
Acq: 27 Oct 2023 19:32

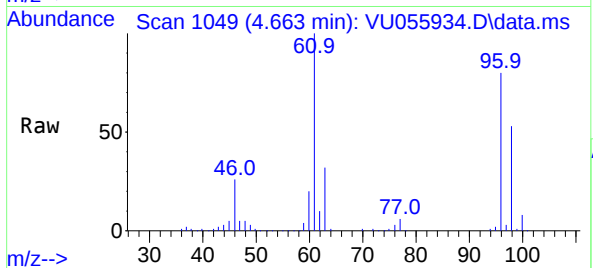
Tgt Ion: 43 Resp: 262021
Ion Ratio Lower Upper
43 100
72 31.7 14.4 43.4



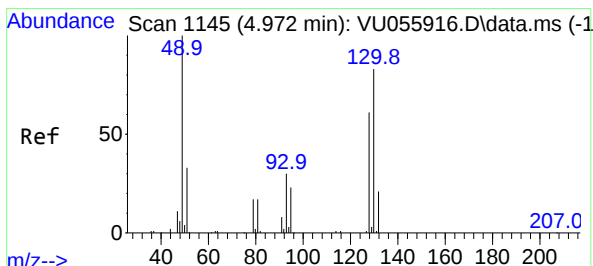
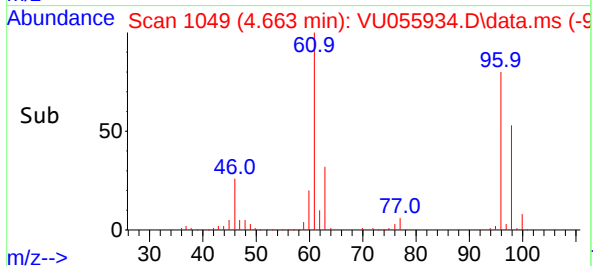
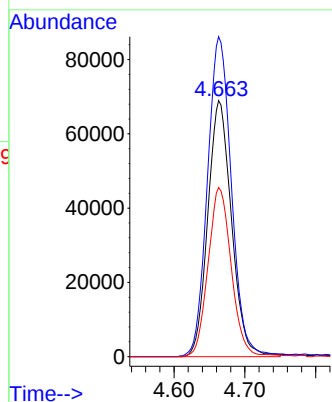


#22
cis-1,2-Dichloroethene
Concen: 6.613 ug/L
RT: 4.663 min Scan# 1049
Delta R.T. -0.000 min
Lab File: VU055934.D
Acq: 27 Oct 2023 19:32

Instrument :
MSVOA_U
ClientSampleId :

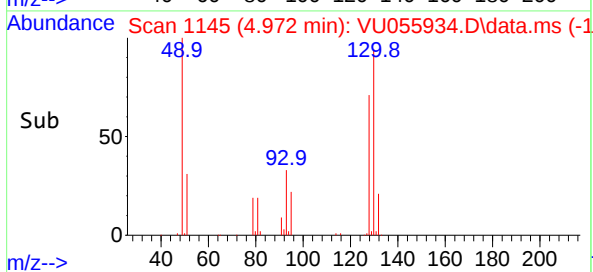
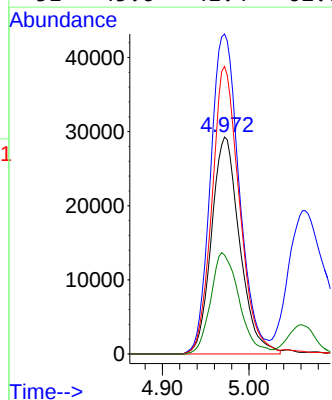
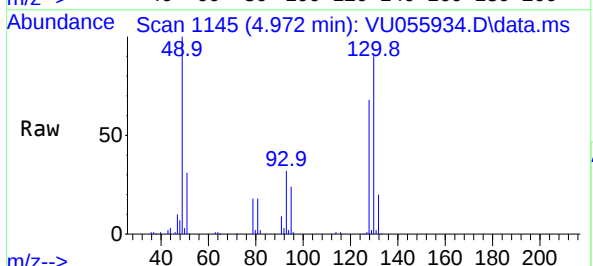


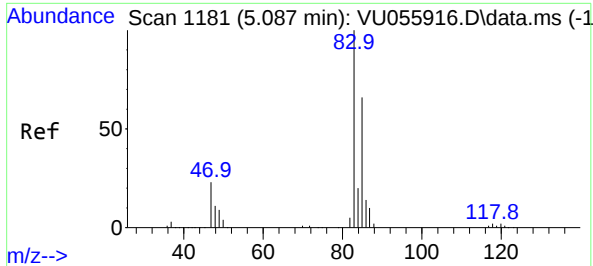
Tgt Ion: 96 Resp: 160202
Ion Ratio Lower Upper
96 100
61 125.0 93.8 174.2
98 66.1 45.6 84.8



#23
Bromochloromethane
Concen: 6.703 ug/L
RT: 4.972 min Scan# 1145
Delta R.T. -0.000 min
Lab File: VU055934.D
Acq: 27 Oct 2023 19:32

Tgt Ion:128 Resp: 66151
Ion Ratio Lower Upper
128 100
49 147.5 108.7 201.9
130 132.6 91.5 169.9
51 45.6 41.4 62.0

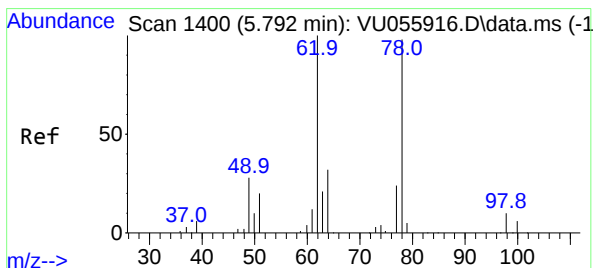
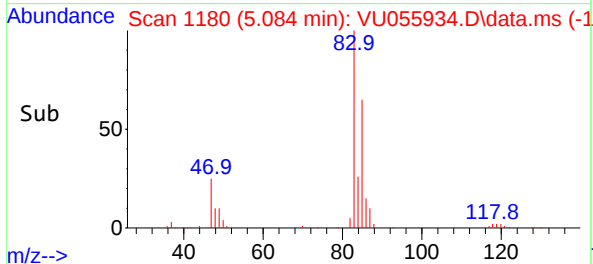
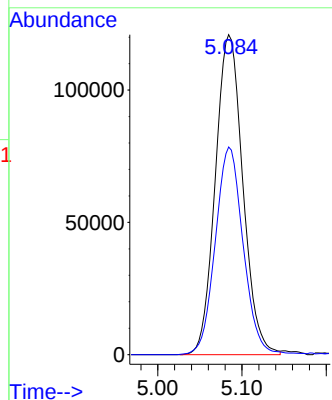
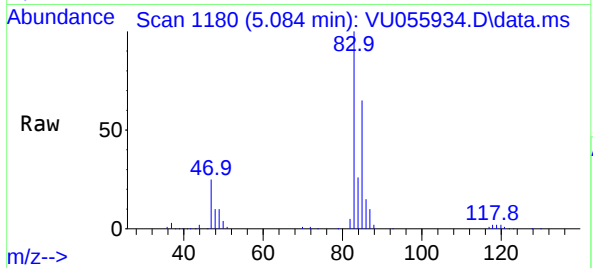




#25
Chloroform
Concen: 6.302 ug/L
RT: 5.084 min Scan# 1181
Delta R.T. -0.000 min
Lab File: VU055934.D
Acq: 27 Oct 2023 19:32

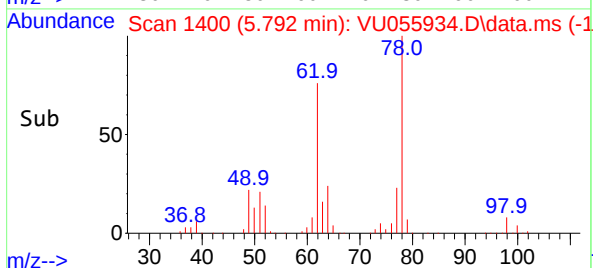
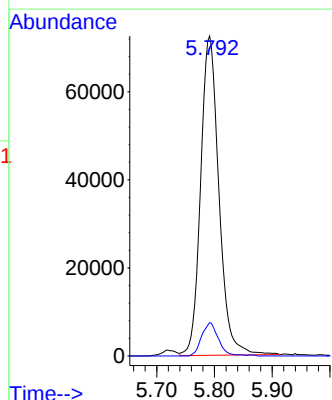
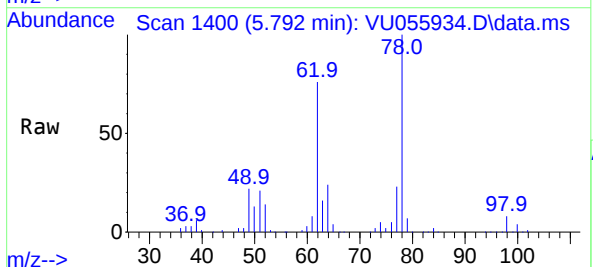
Instrument :
MSVOA_U
ClientSampleId :

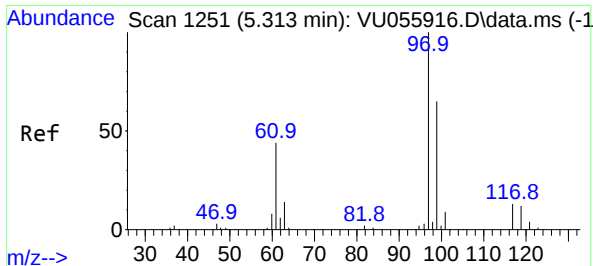
Tgt Ion: 83 Resp: 274505
Ion Ratio Lower Upper
83 100
85 64.9 45.6 84.8



#27
1,2-Dichloroethane
Concen: 6.236 ug/L
RT: 5.792 min Scan# 1400
Delta R.T. -0.000 min
Lab File: VU055934.D
Acq: 27 Oct 2023 19:32

Tgt Ion: 62 Resp: 159597
Ion Ratio Lower Upper
62 100
98 10.4 7.4 11.2

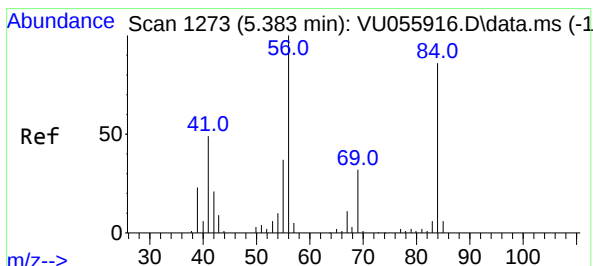
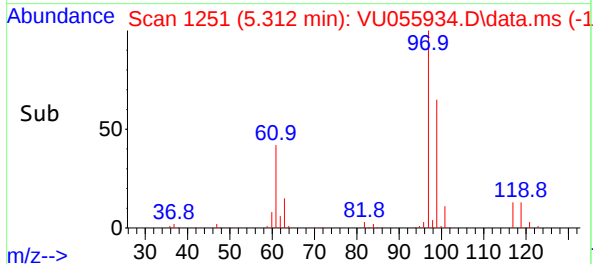
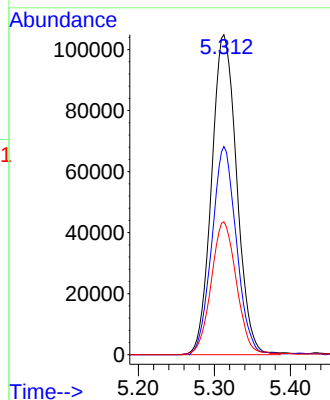
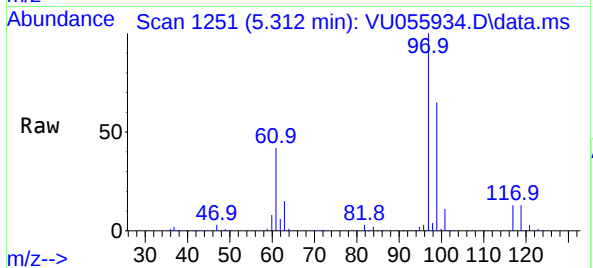




#29
1,1,1-Trichloroethane
Concen: 6.503 ug/L
RT: 5.312 min Scan# 11
Delta R.T. -0.000 min
Lab File: VU055934.D
Acq: 27 Oct 2023 19:32

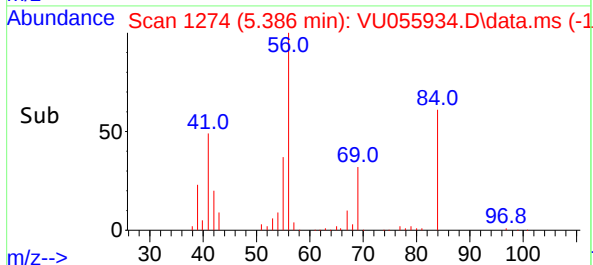
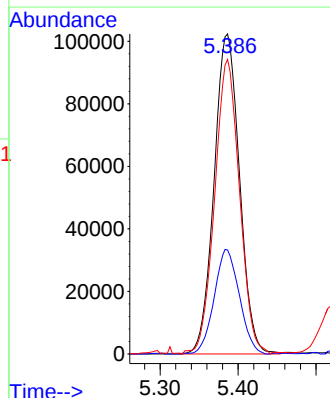
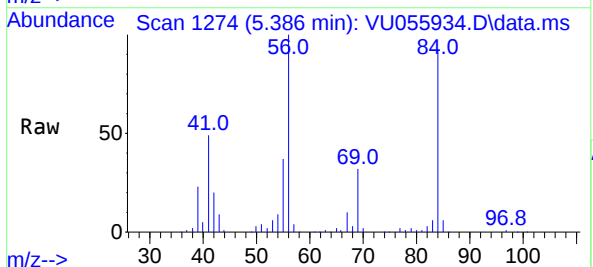
Instrument :
MSVOA_U
ClientSampleId :

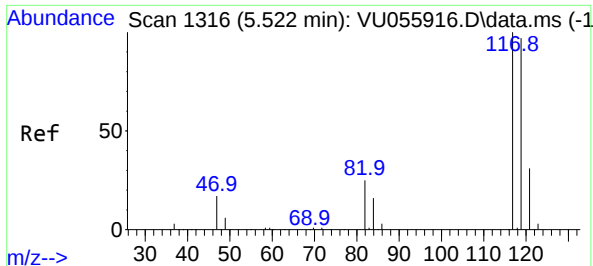
Tgt Ion: 97 Resp: 240775
Ion Ratio Lower Upper
97 100
99 63.8 50.8 76.2
61 41.8 35.0 52.4



#30
Cyclohexane
Concen: 7.430 ug/L
RT: 5.386 min Scan# 1274
Delta R.T. 0.003 min
Lab File: VU055934.D
Acq: 27 Oct 2023 19:32

Tgt Ion: 56 Resp: 232102
Ion Ratio Lower Upper
56 100
69 32.3 25.4 38.2
84 89.5 71.0 106.6

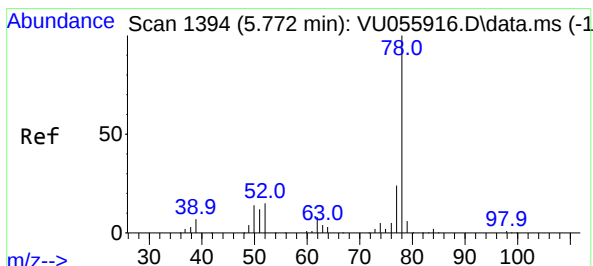
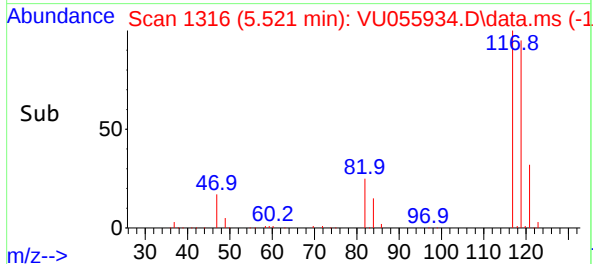
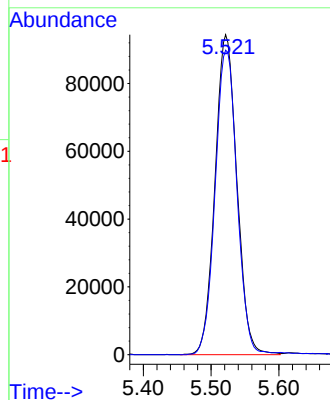
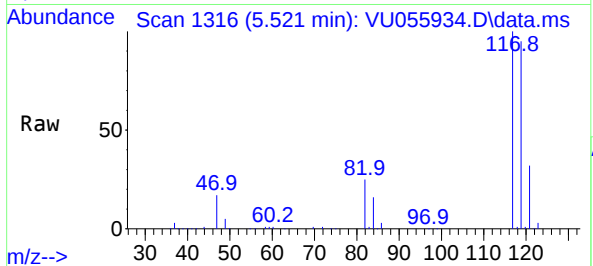




#31
Carbon tetrachloride
Concen: 6.687 ug/L
RT: 5.521 min Scan# 1117
Delta R.T. 0.003 min
Lab File: VU055934.D
Acq: 27 Oct 2023 19:32

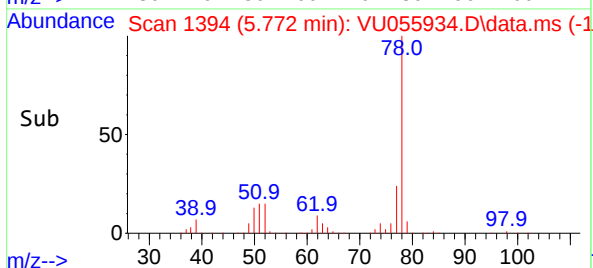
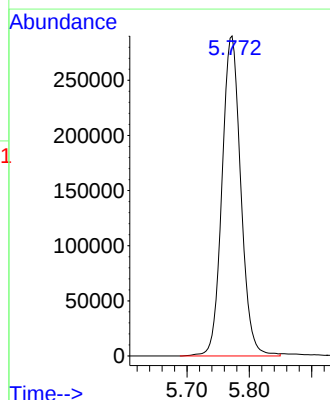
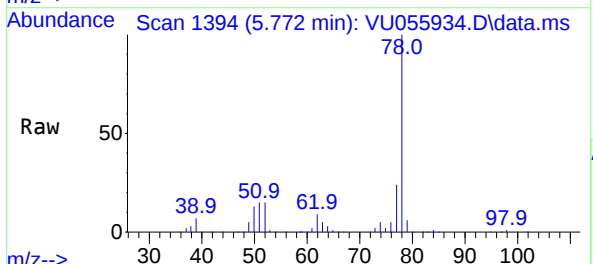
Instrument :
MSVOA_U
ClientSampleId :

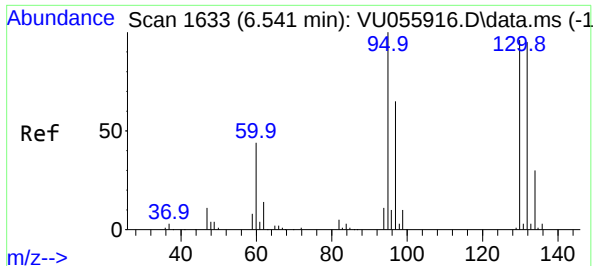
Tgt Ion:117 Resp: 211197
Ion Ratio Lower Upper
117 100
119 95.3 75.1 112.7



#33
Benzene
Concen: 6.779 ug/L
RT: 5.772 min Scan# 1394
Delta R.T. 0.003 min
Lab File: VU055934.D
Acq: 27 Oct 2023 19:32

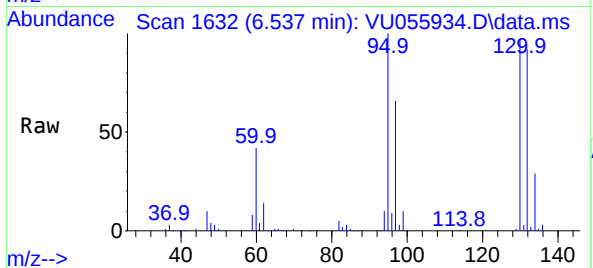
Tgt Ion: 78 Resp: 607743





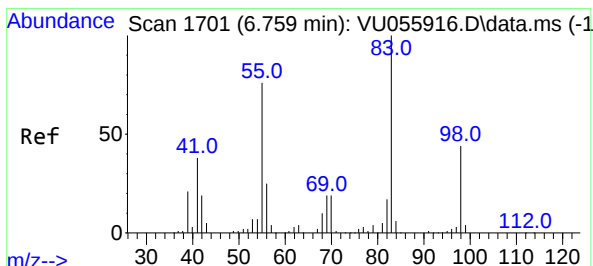
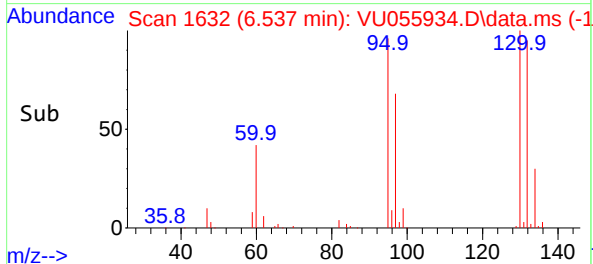
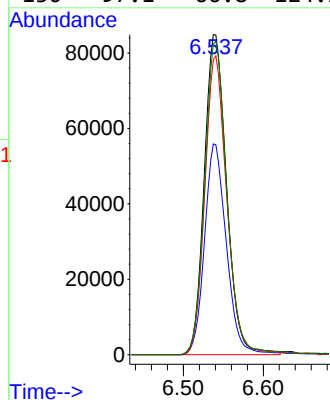
#34
Trichloroethene
Concen: 6.579 ug/L
RT: 6.537 min Scan# 1
Delta R.T. -0.003 min
Lab File: VU055934.D
Acq: 27 Oct 2023 19:32

Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion: 95 Resp: 164983

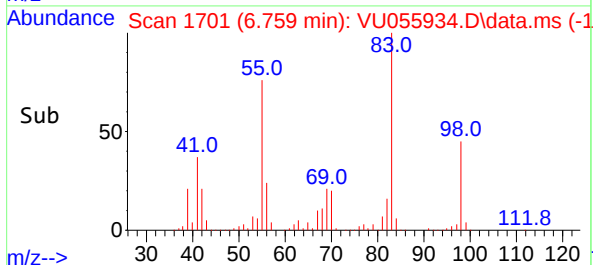
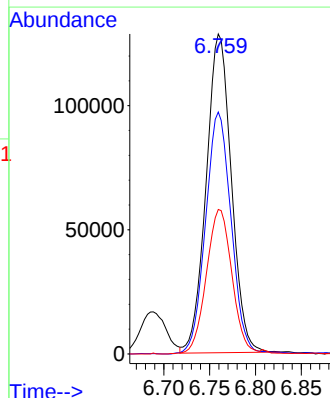
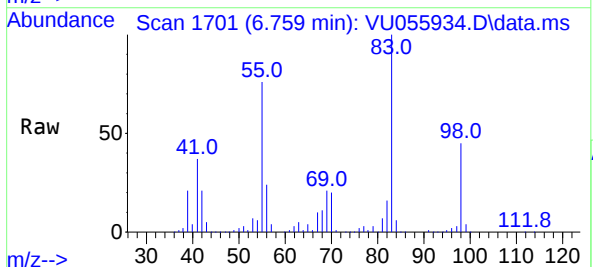
Ion	Ratio	Lower	Upper
95	100		
97	65.9	45.4	84.2
132	92.1	63.9	118.7
130	97.1	66.8	124.2

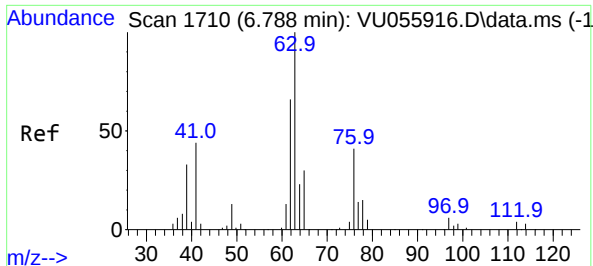


#35
Methylcyclohexane
Concen: 7.248 ug/L
RT: 6.759 min Scan# 1701
Delta R.T. -0.000 min
Lab File: VU055934.D
Acq: 27 Oct 2023 19:32

Tgt Ion: 83 Resp: 245317

Ion	Ratio	Lower	Upper
83	100		
55	77.5	62.4	93.6
98	46.1	37.4	56.2

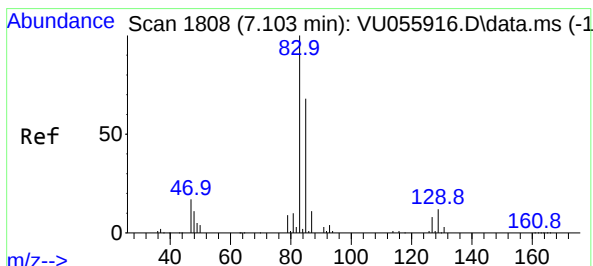
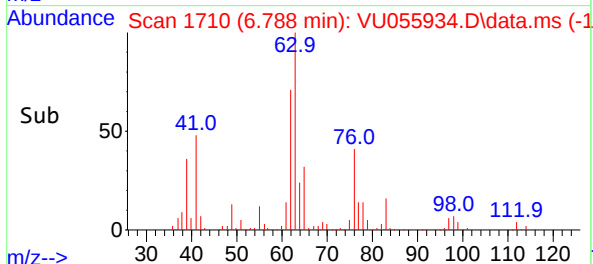
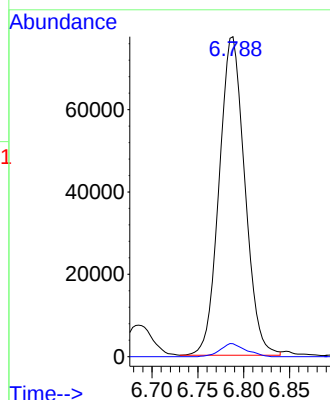
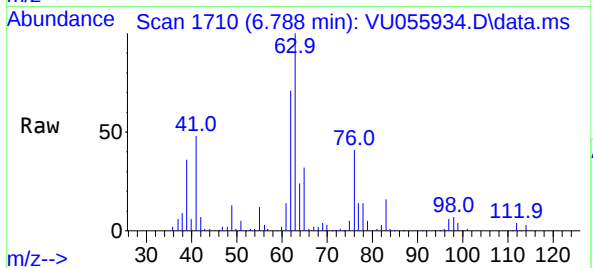




#37
1,2-Dichloropropane
Concen: 6.320 ug/L
RT: 6.788 min Scan# 11
Delta R.T. 0.003 min
Lab File: VU055934.D
Acq: 27 Oct 2023 19:32

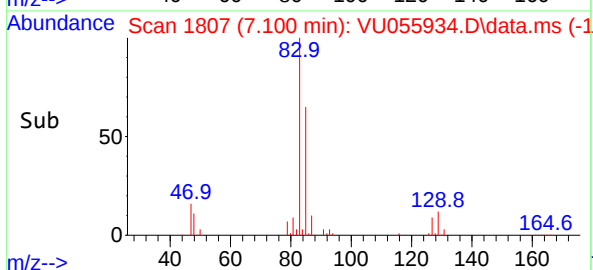
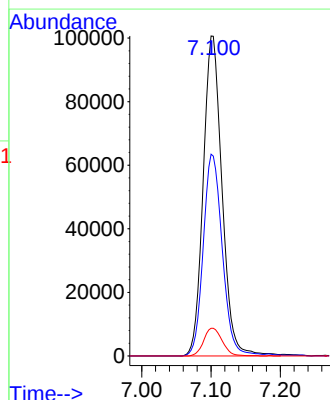
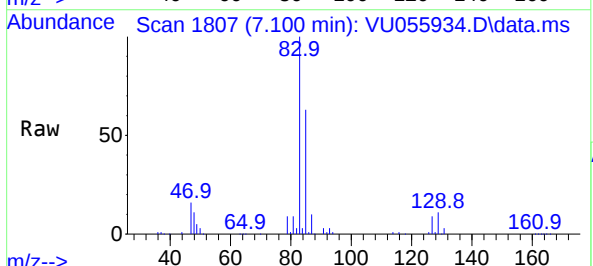
Instrument :
MSVOA_U
ClientSampleId :

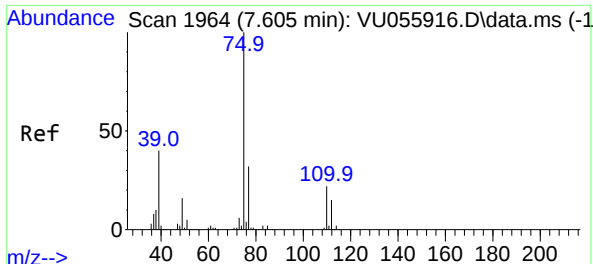
Tgt Ion: 63 Resp: 150451
Ion Ratio Lower Upper
63 100
112 4.1 3.1 4.7



#38
Bromodichloromethane
Concen: 6.370 ug/L
RT: 7.100 min Scan# 1807
Delta R.T. -0.000 min
Lab File: VU055934.D
Acq: 27 Oct 2023 19:32

Tgt Ion: 83 Resp: 190345
Ion Ratio Lower Upper
83 100
85 63.0 44.9 83.3
127 8.6 6.6 9.8

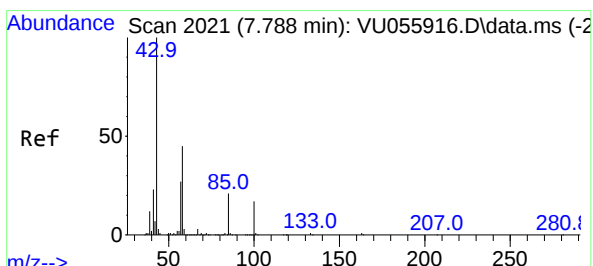
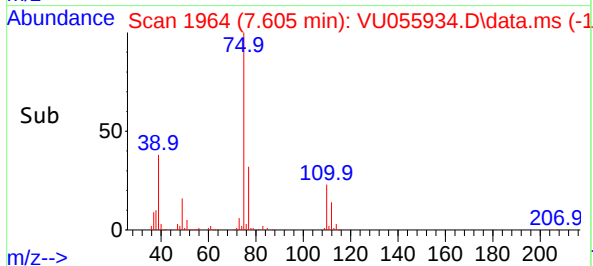
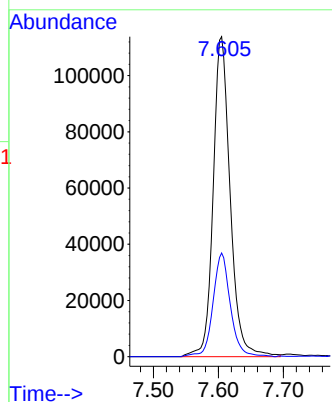
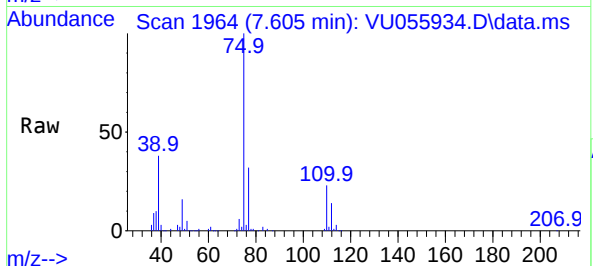




#39
cis-1,3-Dichloropropene
Concen: 6.112 ug/L
RT: 7.605 min Scan# 1964
Delta R.T. -0.000 min
Lab File: VU055934.D
Acq: 27 Oct 2023 19:32

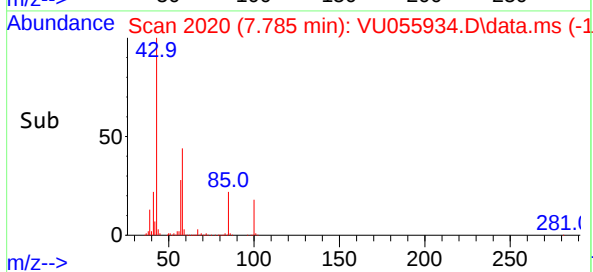
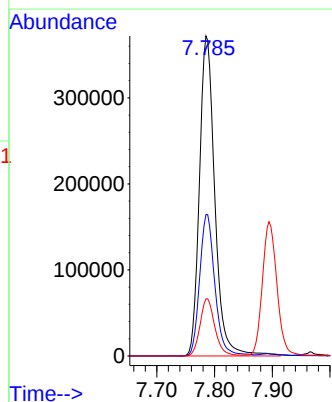
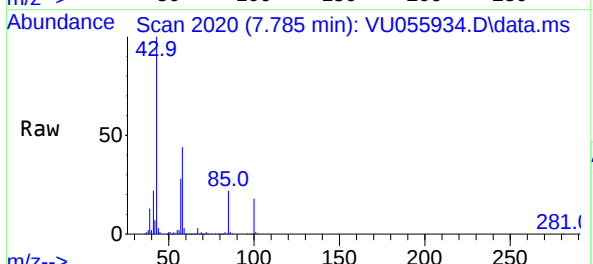
Instrument :
MSVOA_U
ClientSampleId :

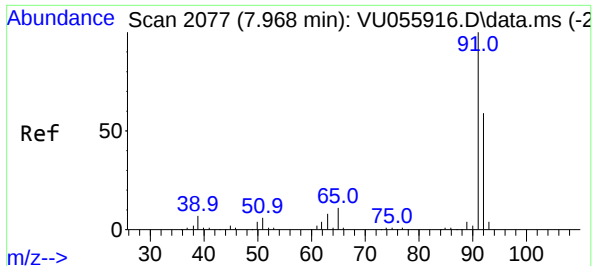
Tgt Ion: 75 Resp: 207268
Ion Ratio Lower Upper
75 100
77 32.4 21.7 40.3



#40
4-Methyl-2-pentanone
Concen: 59.983 ug/L
RT: 7.785 min Scan# 2020
Delta R.T. -0.003 min
Lab File: VU055934.D
Acq: 27 Oct 2023 19:32

Tgt Ion: 43 Resp: 688279
Ion Ratio Lower Upper
43 100
58 43.7 34.0 51.0
100 17.2 13.0 19.6

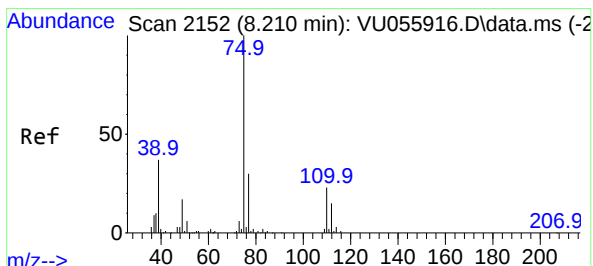
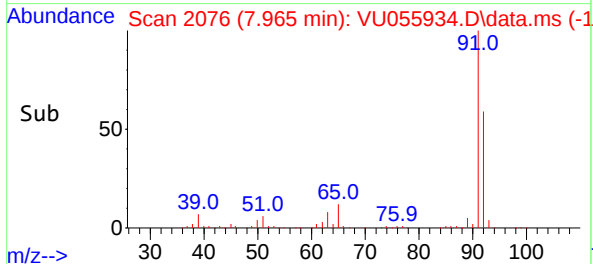
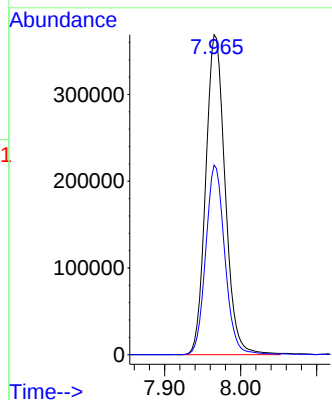
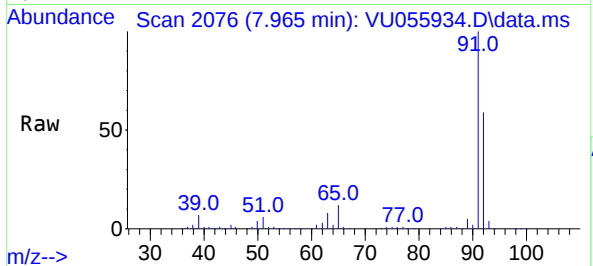




#42
Toluene
Concen: 6.985 ug/L
RT: 7.965 min Scan# 2077
Delta R.T. -0.000 min
Lab File: VU055934.D
Acq: 27 Oct 2023 19:32

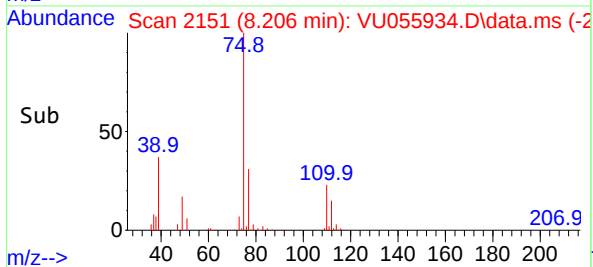
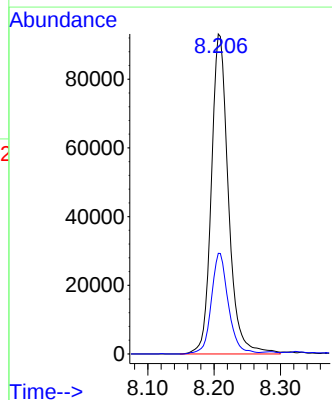
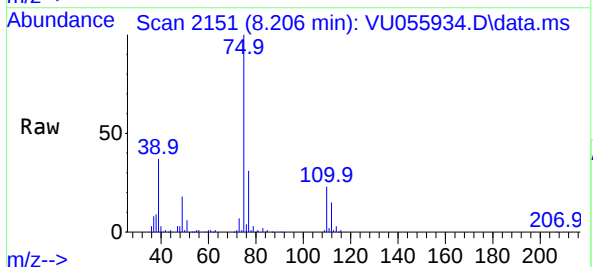
Instrument :
MSVOA_U
ClientSampleId :

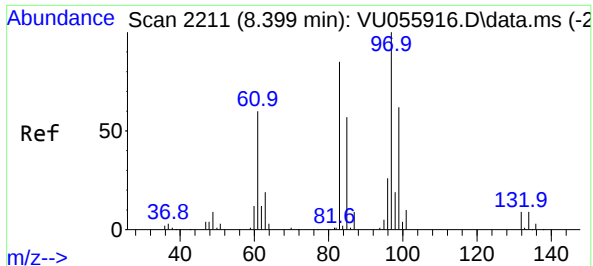
Tgt Ion: 91 Resp: 654475
Ion Ratio Lower Upper
91 100
92 59.2 40.6 75.4



#44
trans-1,3-Dichloropropene
Concen: 6.089 ug/L
RT: 8.206 min Scan# 2151
Delta R.T. -0.000 min
Lab File: VU055934.D
Acq: 27 Oct 2023 19:32

Tgt Ion: 75 Resp: 166684
Ion Ratio Lower Upper
75 100
77 31.4 21.7 40.3





#45

1,1,2-Trichloroethane

Concen: 6.187 ug/L

RT: 8.396 min Scan# 21

Delta R.T. -0.000 min

Lab File: VU055934.D

Acq: 27 Oct 2023 19:32

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion: 97 Resp: 103554

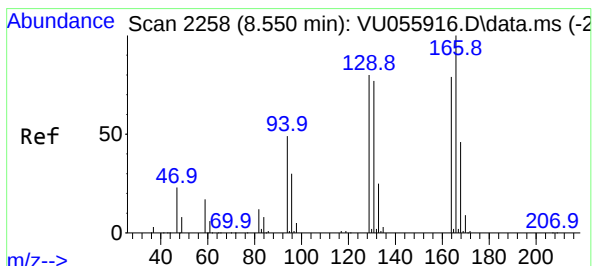
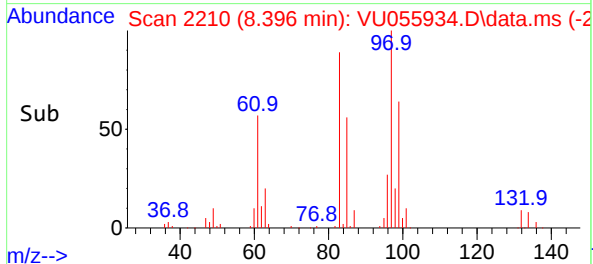
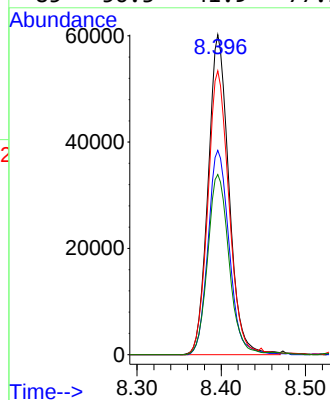
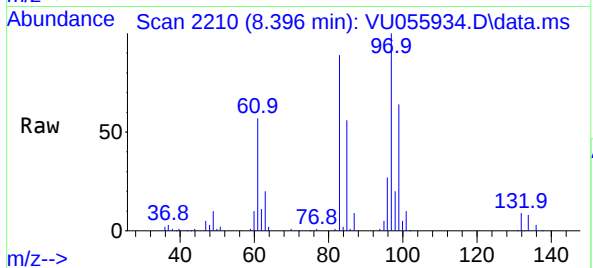
Ion Ratio Lower Upper

97 100

99 63.8 45.3 84.1

83 88.7 61.9 115.1

85 56.3 41.9 77.9



#47

Tetrachloroethene

Concen: 7.023 ug/L

RT: 8.550 min Scan# 2258

Delta R.T. -0.000 min

Lab File: VU055934.D

Acq: 27 Oct 2023 19:32

Tgt Ion:164 Resp: 123335

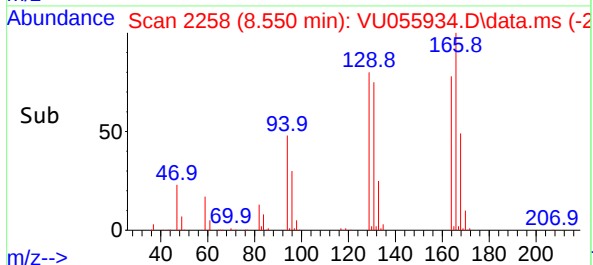
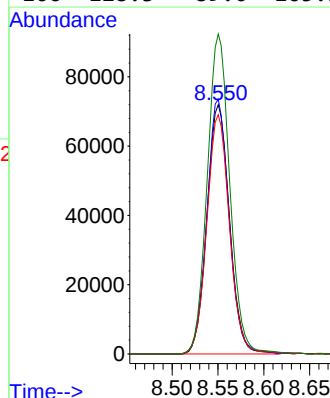
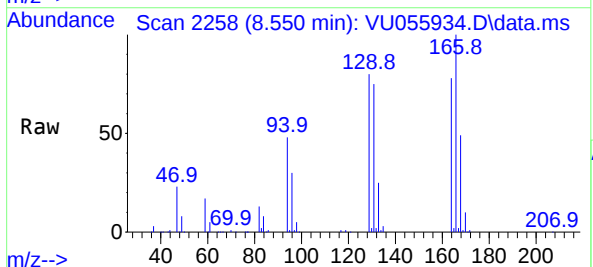
Ion Ratio Lower Upper

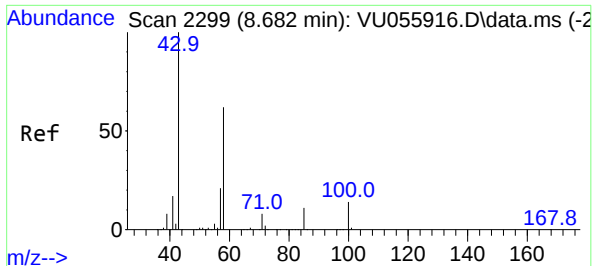
164 100

129 102.2 72.2 134.0

131 95.9 70.8 131.6

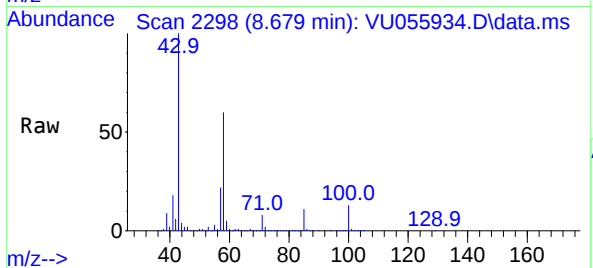
166 128.3 89.0 165.2



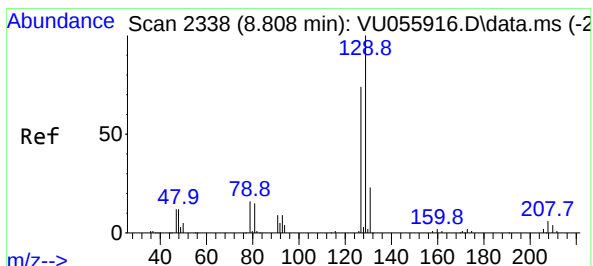
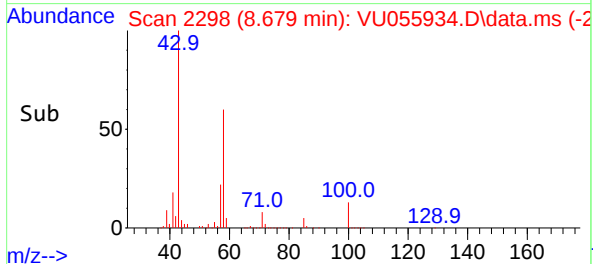
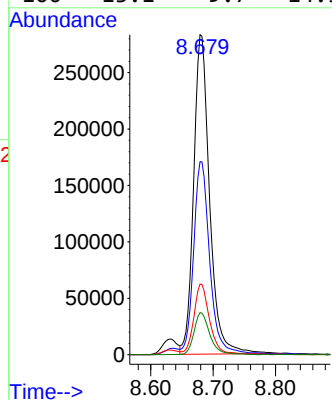


#48
2-Hexanone
Concen: 55.752 ug/L
RT: 8.679 min Scan# 21
Delta R.T. -0.003 min
Lab File: VU055934.D
Acq: 27 Oct 2023 19:32

Instrument :
MSVOA_U
ClientSampleId :

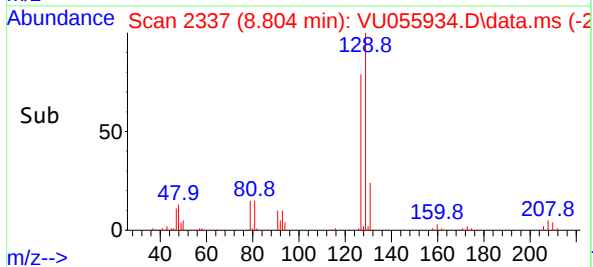
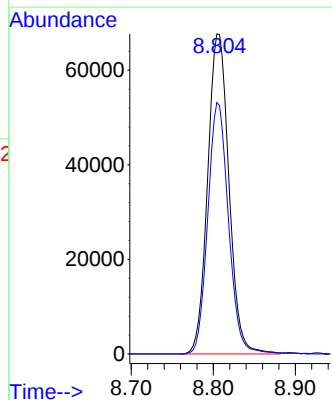
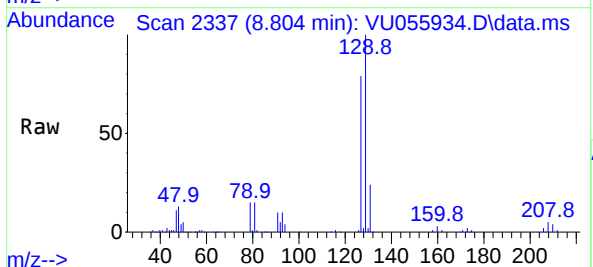


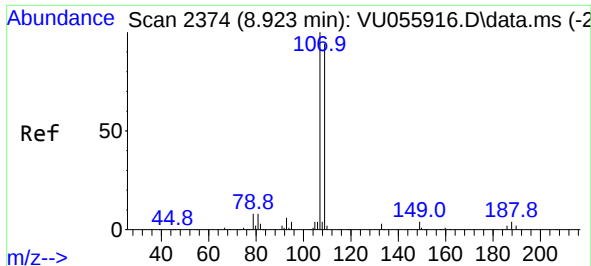
Tgt Ion: 43 Resp: 503002
Ion Ratio Lower Upper
43 100
58 59.7 49.5 74.3
57 21.7 16.9 25.3
100 13.1 9.7 14.5



#49
Dibromochloromethane
Concen: 6.656 ug/L
RT: 8.804 min Scan# 2337
Delta R.T. -0.000 min
Lab File: VU055934.D
Acq: 27 Oct 2023 19:32

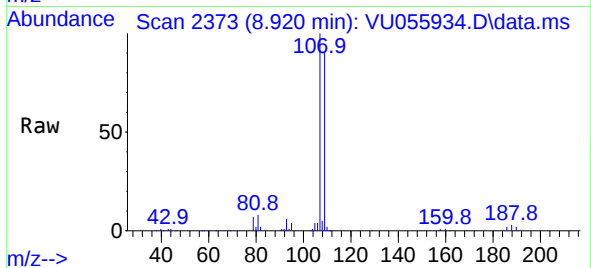
Tgt Ion: 129 Resp: 122285
Ion Ratio Lower Upper
129 100
127 78.5 53.5 99.5



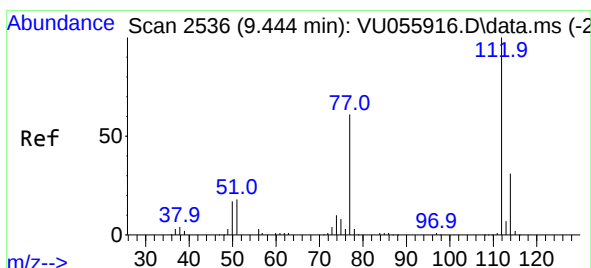
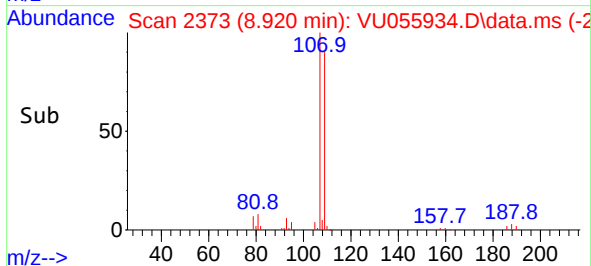
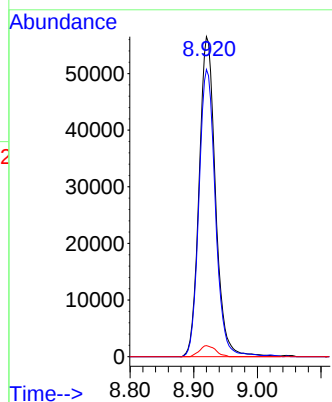


#50
1,2-Dibromoethane
Concen: 6.645 ug/L
RT: 8.920 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU055934.D
Acq: 27 Oct 2023 19:32

Instrument :
MSVOA_U
ClientSampleId :

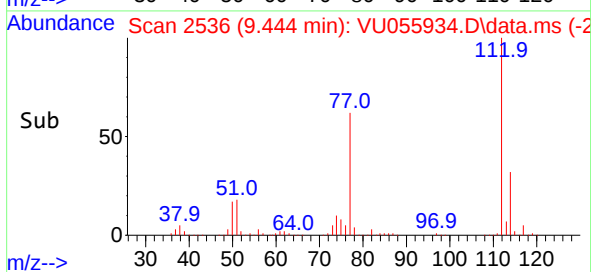
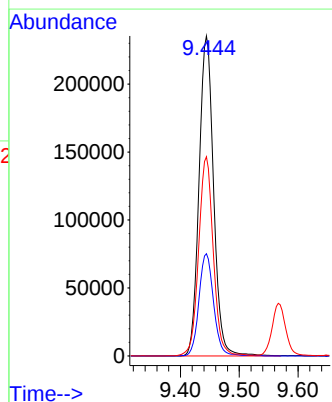
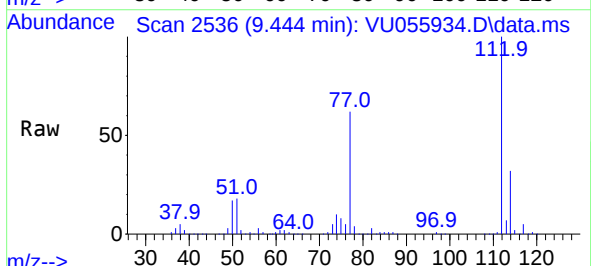


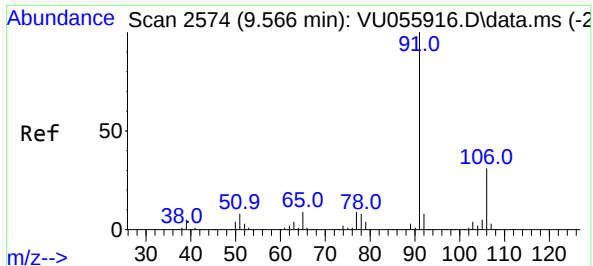
Tgt Ion:107 Resp: 100911
Ion Ratio Lower Upper
107 100
109 89.8 65.0 120.6
188 3.5 2.5 3.7



#51
Chlorobenzene
Concen: 6.580 ug/L
RT: 9.444 min Scan# 2536
Delta R.T. -0.000 min
Lab File: VU055934.D
Acq: 27 Oct 2023 19:32

Tgt Ion:112 Resp: 404003
Ion Ratio Lower Upper
112 100
114 32.0 22.3 41.5
77 62.3 49.9 74.9

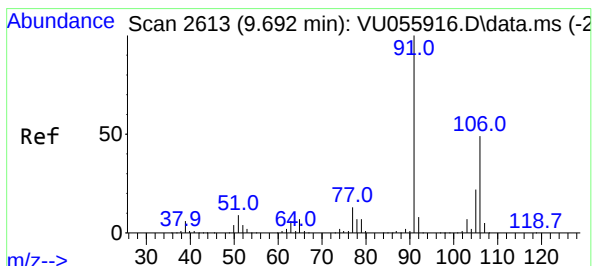
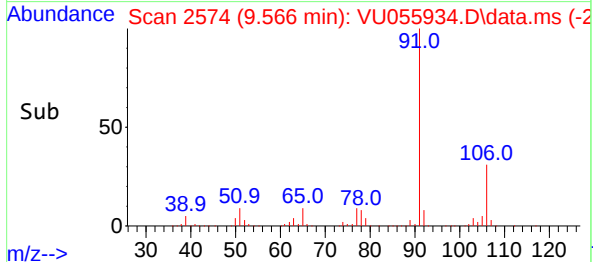
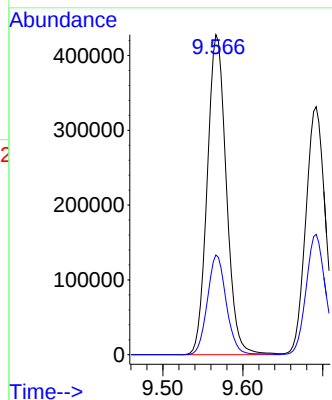
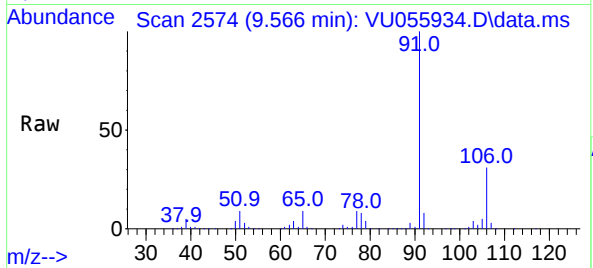




#52
Ethylbenzene
Concen: 6.697 ug/L
RT: 9.566 min Scan# 2111
Delta R.T. -0.000 min
Lab File: VU055934.D
Acq: 27 Oct 2023 19:32

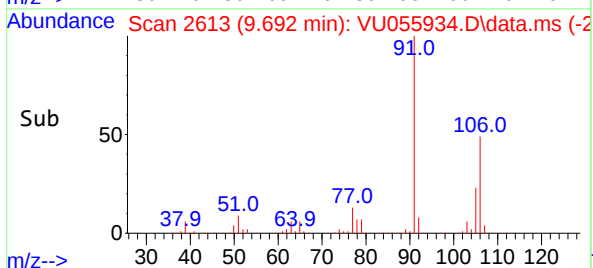
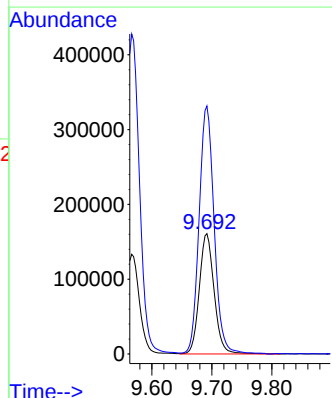
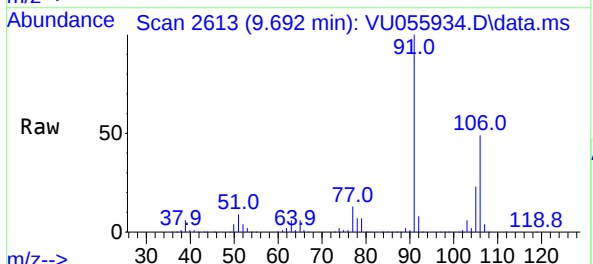
Instrument :
MSVOA_U
ClientSampleId :

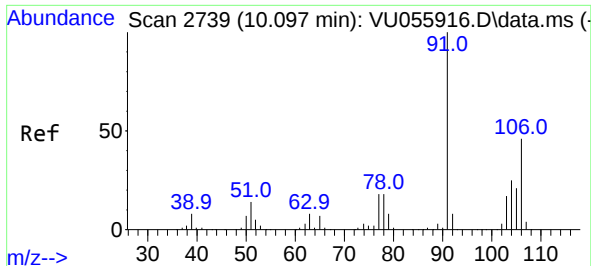
Tgt Ion: 91 Resp: 711311
Ion Ratio Lower Upper
91 100
106 31.2 21.3 39.5



#53
m,p-Xylene
Concen: 6.972 ug/L
RT: 9.692 min Scan# 2613
Delta R.T. -0.000 min
Lab File: VU055934.D
Acq: 27 Oct 2023 19:32

Tgt Ion: 106 Resp: 276706
Ion Ratio Lower Upper
106 100
91 206.0 150.4 279.2

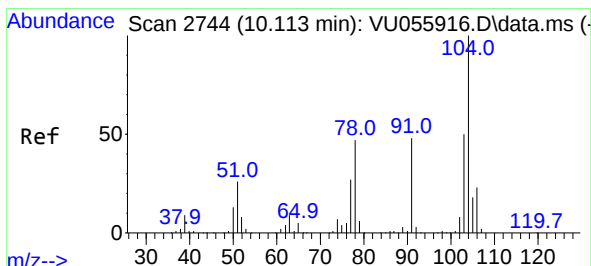
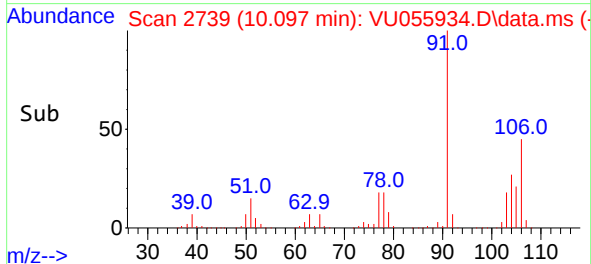
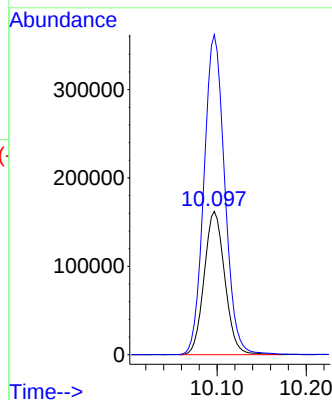
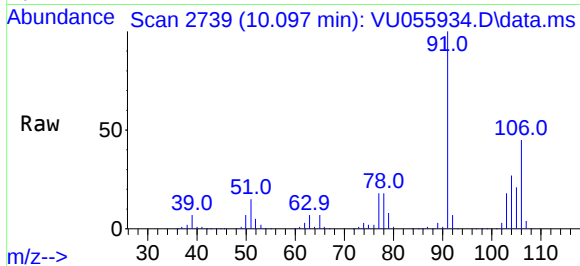




#54
o-Xylene
Concen: 6.706 ug/L
RT: 10.097 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU055934.D
Acq: 27 Oct 2023 19:32

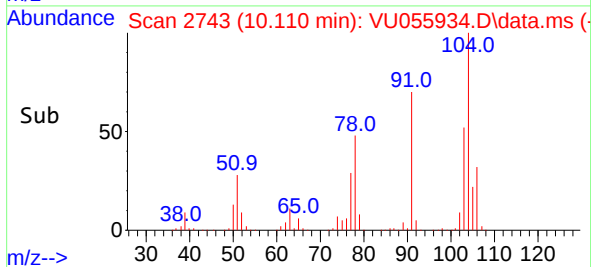
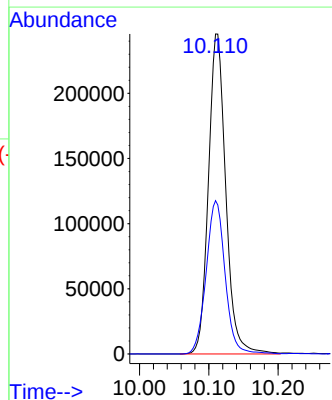
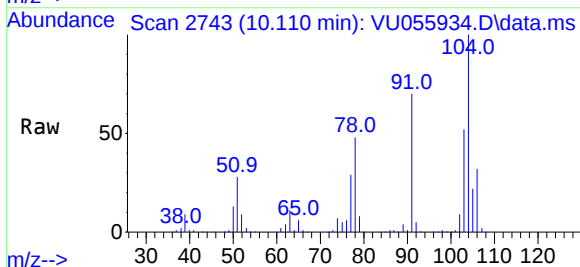
Instrument :
MSVOA_U
ClientSampleId :

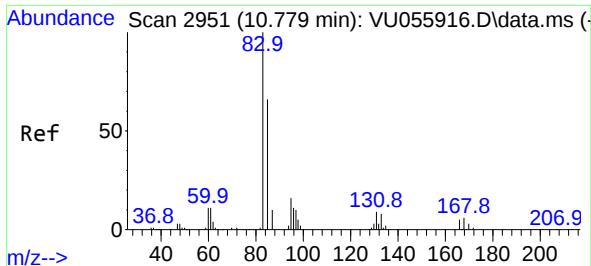
Tgt Ion:106 Resp: 260462
Ion Ratio Lower Upper
106 100
91 223.2 154.6 287.2



#55
Styrene
Concen: 6.855 ug/L
RT: 10.110 min Scan# 2743
Delta R.T. -0.000 min
Lab File: VU055934.D
Acq: 27 Oct 2023 19:32

Tgt Ion:104 Resp: 426794
Ion Ratio Lower Upper
104 100
78 47.9 33.9 63.0

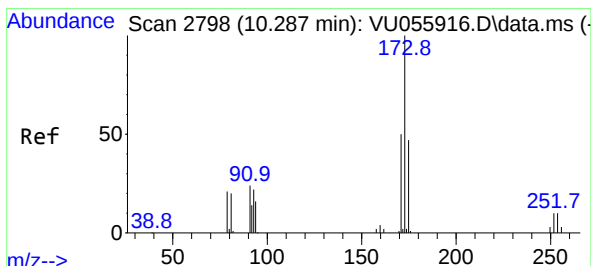
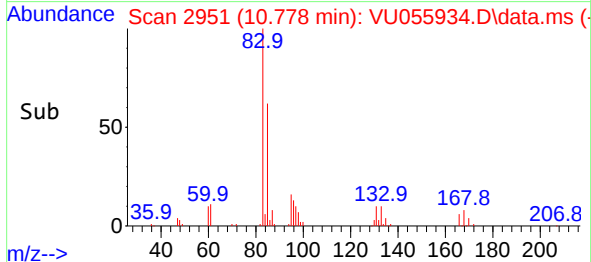
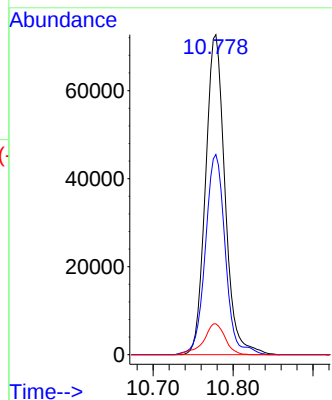
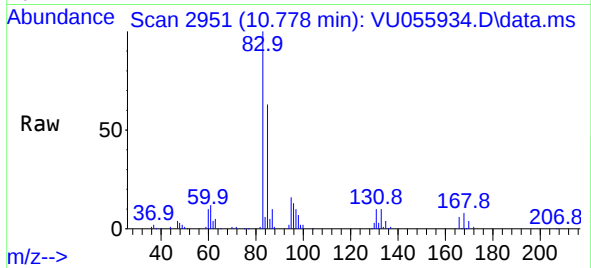




#57
1,1,2,2-Tetrachloroethane
Concen: 6.357 ug/L
RT: 10.778 min Scan# 2951
Delta R.T. -0.000 min
Lab File: VU055934.D
Acq: 27 Oct 2023 19:32

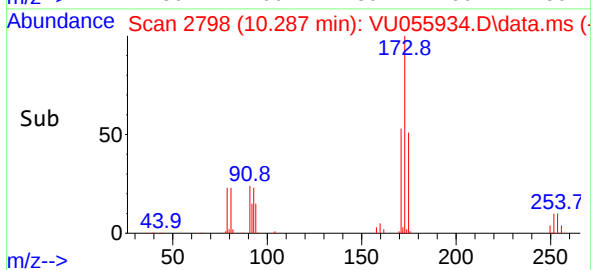
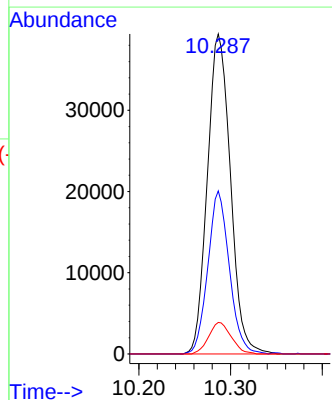
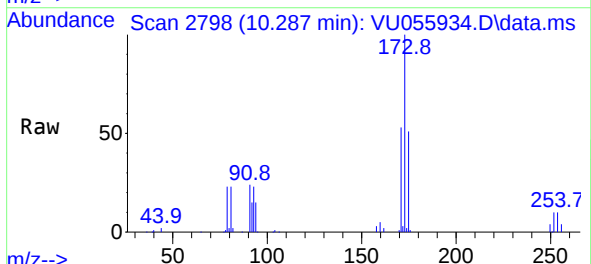
Instrument :
MSVOA_U
ClientSampleId :

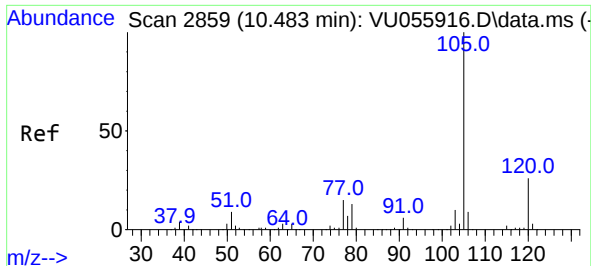
Tgt Ion: 83 Resp: 123168
Ion Ratio Lower Upper
83 100
85 62.6 46.2 85.8
131 9.6 7.2 10.8



#59
Bromoform
Concen: 6.486 ug/L
RT: 10.287 min Scan# 2798
Delta R.T. -0.000 min
Lab File: VU055934.D
Acq: 27 Oct 2023 19:32

Tgt Ion:173 Resp: 68903
Ion Ratio Lower Upper
173 100
175 47.5 37.8 56.6
254 9.6 7.4 11.0

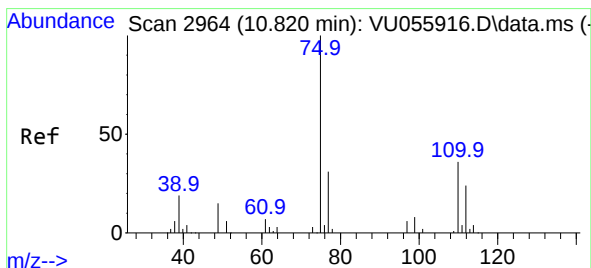
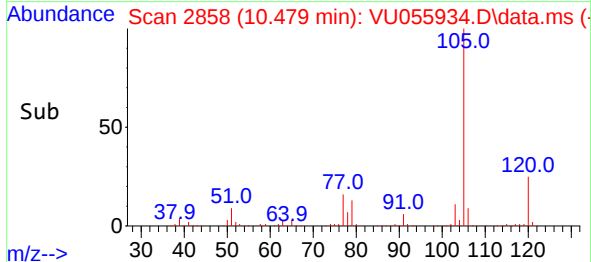
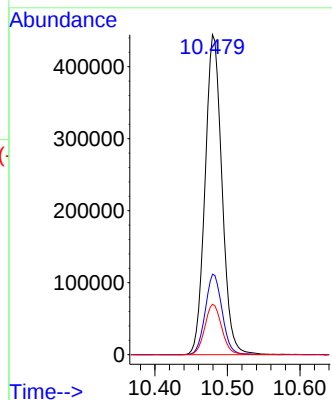
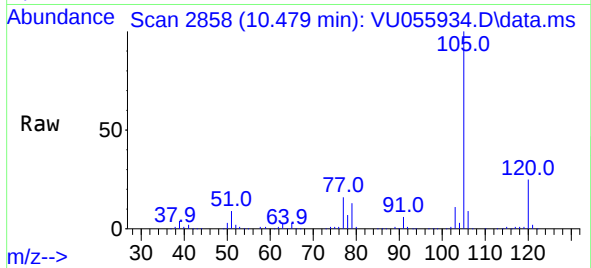




#60
Isopropylbenzene
Concen: 6.908 ug/L
RT: 10.479 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU055934.D
Acq: 27 Oct 2023 19:32

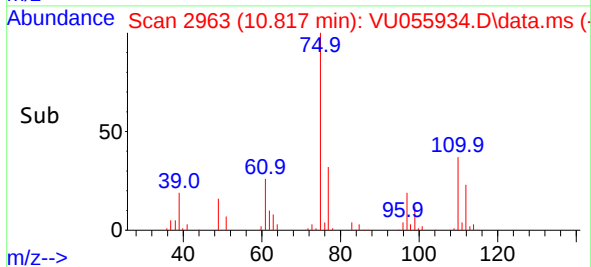
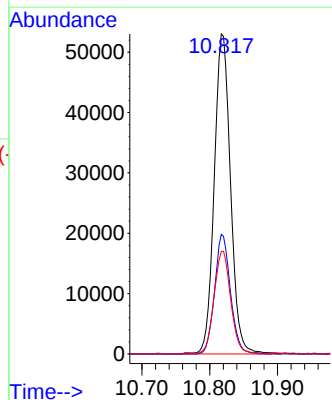
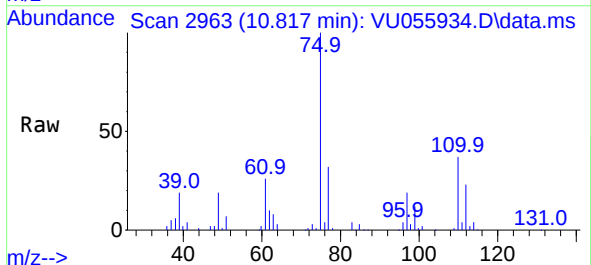
Instrument :
MSVOA_U
ClientSampleId :

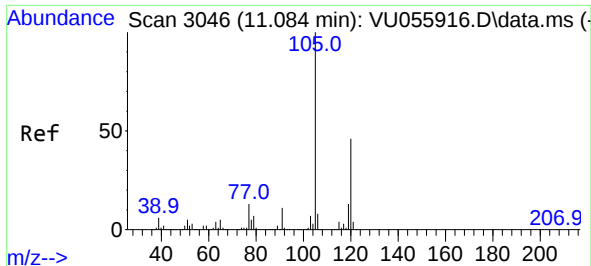
Tgt Ion:105 Resp: 718843
Ion Ratio Lower Upper
105 100
120 25.2 20.2 30.4
77 15.8 13.0 19.4



#61
1,2,3-Trichloropropane
Concen: 6.188 ug/L
RT: 10.817 min Scan# 2963
Delta R.T. -0.000 min
Lab File: VU055934.D
Acq: 27 Oct 2023 19:32

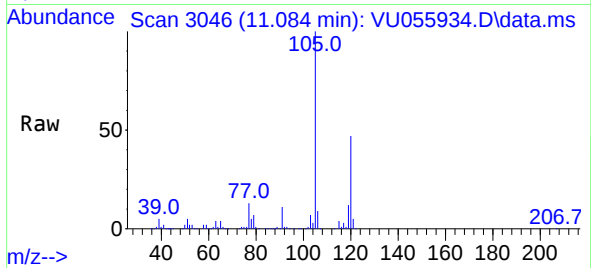
Tgt Ion: 75 Resp: 88712
Ion Ratio Lower Upper
75 100
110 36.2 29.0 43.6
77 32.7 24.5 36.7



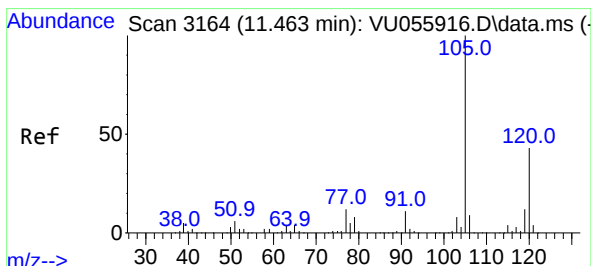
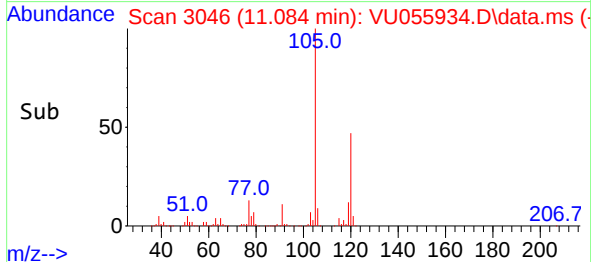
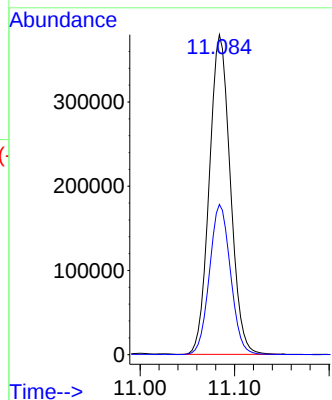


#62
1,3,5-Trimethylbenzene
Concen: 6.897 ug/L
RT: 11.084 min Scan# 3046
Delta R.T. -0.000 min
Lab File: VU055934.D
Acq: 27 Oct 2023 19:32

Instrument :
MSVOA_U
ClientSampleId :

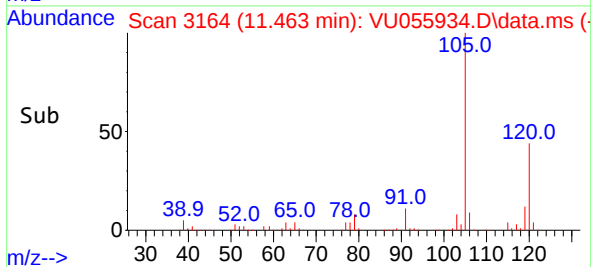
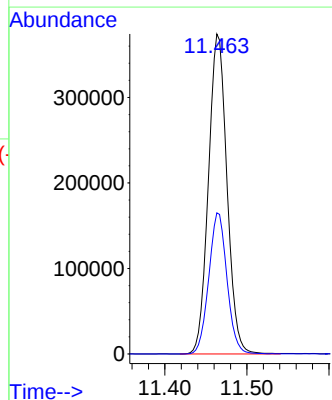
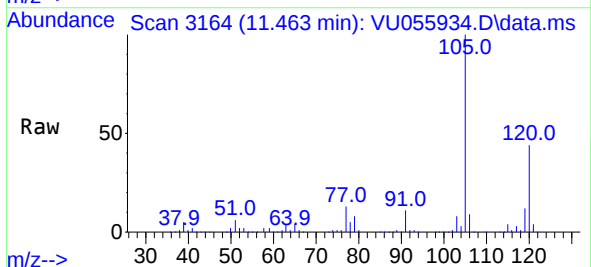


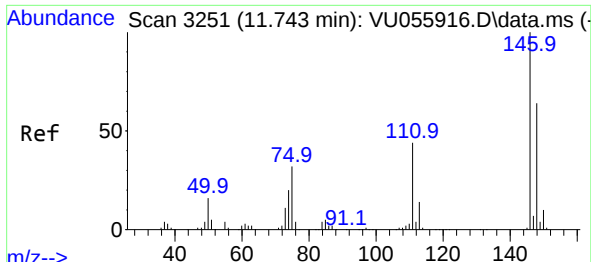
Tgt Ion:105 Resp: 586536
Ion Ratio Lower Upper
105 100
120 47.0 37.4 56.2



#63
1,2,4-Trimethylbenzene
Concen: 7.422 ug/L
RT: 11.463 min Scan# 3164
Delta R.T. -0.000 min
Lab File: VU055934.D
Acq: 27 Oct 2023 19:32

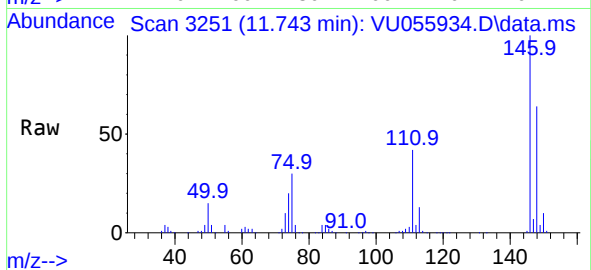
Tgt Ion:105 Resp: 586362
Ion Ratio Lower Upper
105 100
120 43.4 34.6 52.0



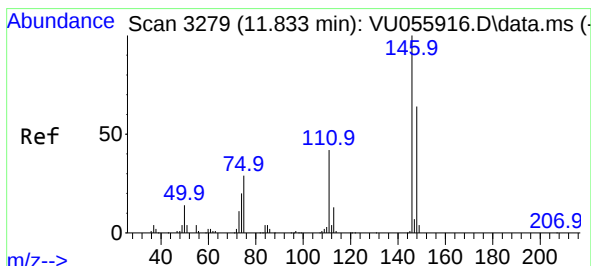
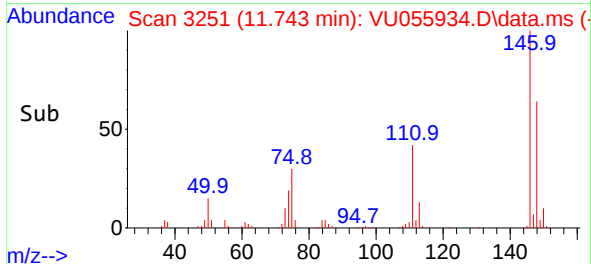
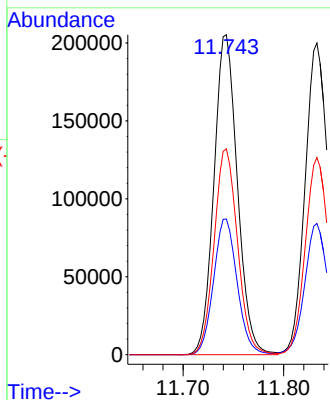


#64
1,3-Dichlorobenzene
Concen: 6.761 ug/L
RT: 11.743 min Scan# 31
Delta R.T. 0.003 min
Lab File: VU055934.D
Acq: 27 Oct 2023 19:32

Instrument :
MSVOA_U
ClientSampleId :

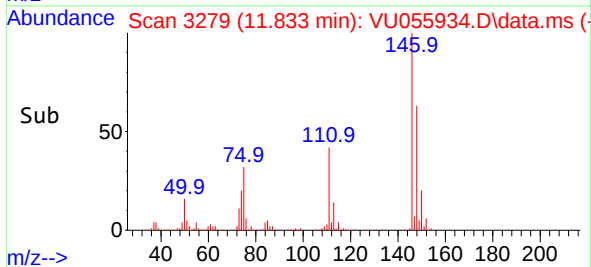
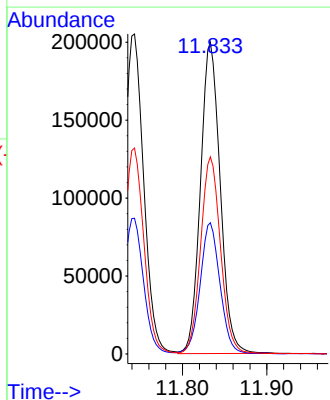
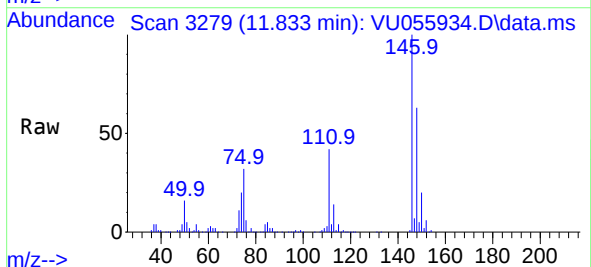


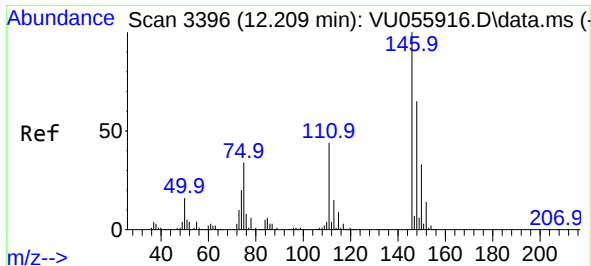
Tgt Ion:146 Resp: 333515
Ion Ratio Lower Upper
146 100
111 42.4 31.1 57.9
148 64.3 44.8 83.2



#65
1,4-Dichlorobenzene
Concen: 6.618 ug/L
RT: 11.833 min Scan# 3279
Delta R.T. -0.000 min
Lab File: VU055934.D
Acq: 27 Oct 2023 19:32

Tgt Ion:146 Resp: 325807
Ion Ratio Lower Upper
146 100
111 42.1 29.3 54.3
148 63.2 45.6 84.8





#67

1,2-Dichlorobenzene

Concen: 6.633 ug/L

RT: 12.209 min Scan# 3396

Delta R.T. -0.000 min

Lab File: VU055934.D

Acq: 27 Oct 2023 19:32

Instrument :

MSVOA_U

ClientSampleId :

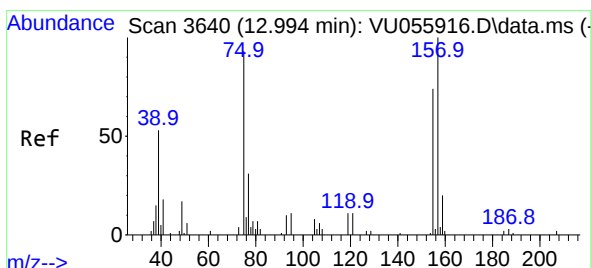
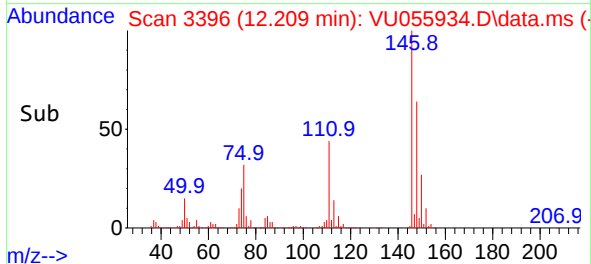
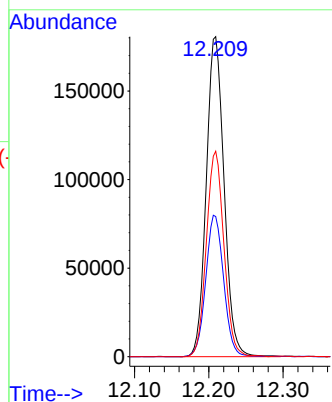
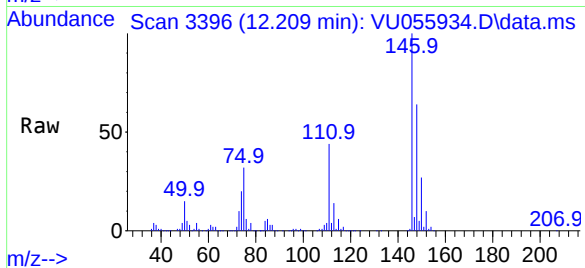
Tgt Ion:146 Resp: 300430

Ion Ratio Lower Upper

146 100

111 43.8 36.7 55.1

148 64.2 51.0 76.4



#68

1,2-Dibromo-3-chloropropane

Concen: 7.877 ug/L

RT: 12.994 min Scan# 3640

Delta R.T. -0.000 min

Lab File: VU055934.D

Acq: 27 Oct 2023 19:32

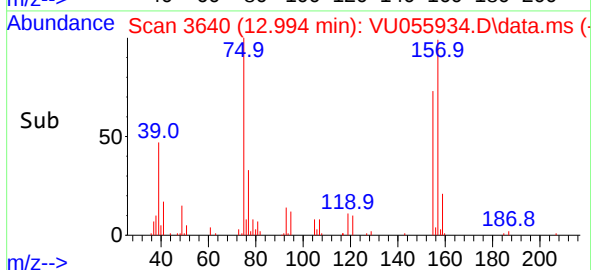
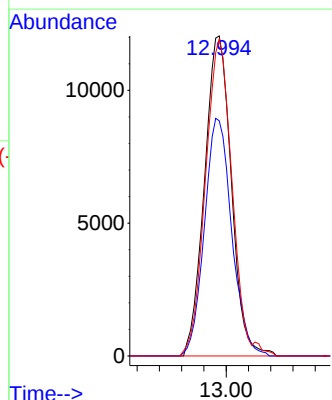
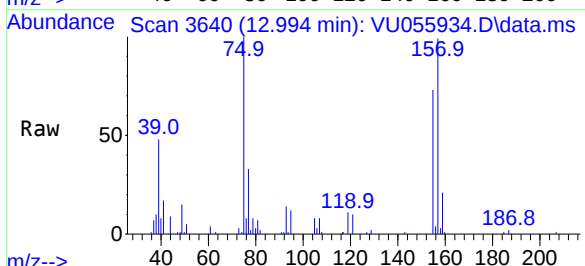
Tgt Ion: 75 Resp: 20152

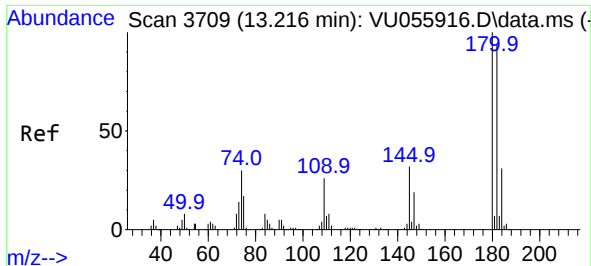
Ion Ratio Lower Upper

75 100

155 73.5 65.3 97.9

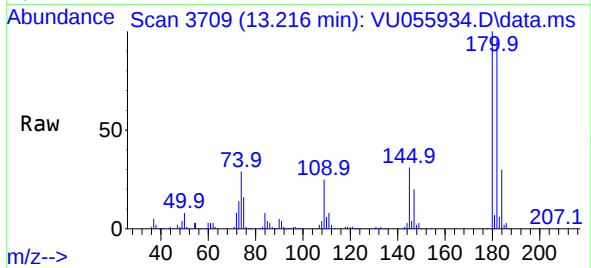
157 99.0 87.9 131.9



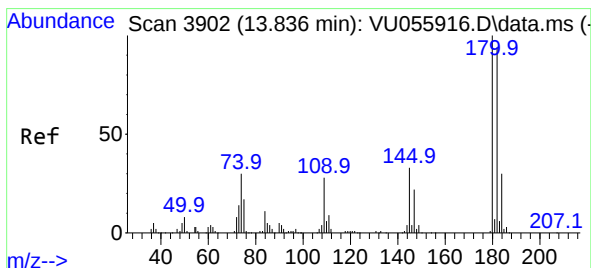
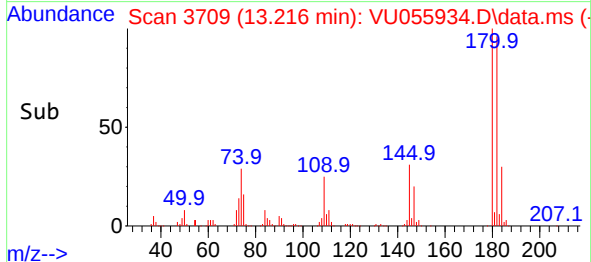
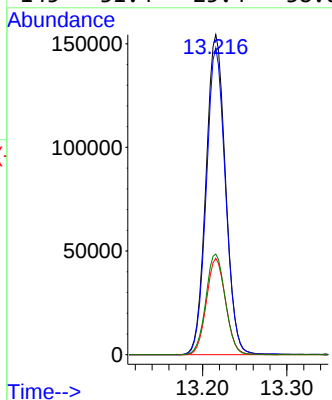


#69
 1,3,5-Trichlorobenzene
 Concen: 7.373 ug/L
 RT: 13.216 min Scan# 31
 Delta R.T. -0.000 min
 Lab File: VU055934.D
 Acq: 27 Oct 2023 19:32

Instrument :
 MSVOA_U
 ClientSampleId :

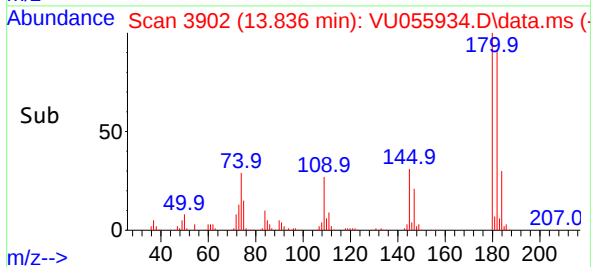
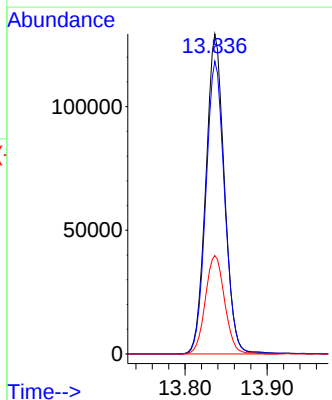
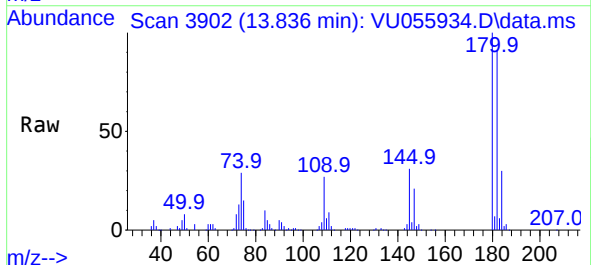


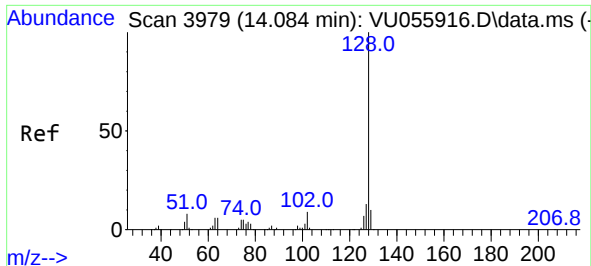
Tgt Ion:180 Resp: 248537
 Ion Ratio Lower Upper
 180 100
 182 94.4 74.7 112.1
 184 29.7 23.8 35.8
 145 31.4 25.4 38.0



#70
 1,2,4-trichlorobenzene
 Concen: 8.146 ug/L
 RT: 13.836 min Scan# 3902
 Delta R.T. -0.000 min
 Lab File: VU055934.D
 Acq: 27 Oct 2023 19:32

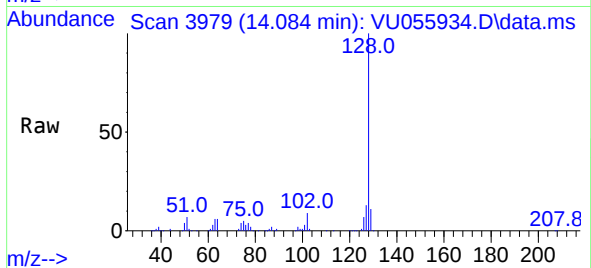
Tgt Ion:180 Resp: 202970
 Ion Ratio Lower Upper
 180 100
 182 92.9 76.1 114.1
 145 32.0 26.4 39.6



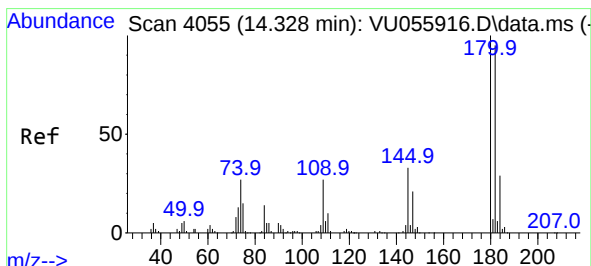
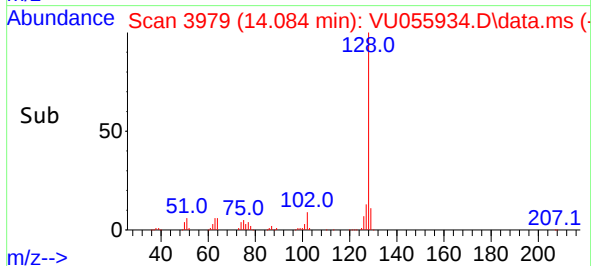
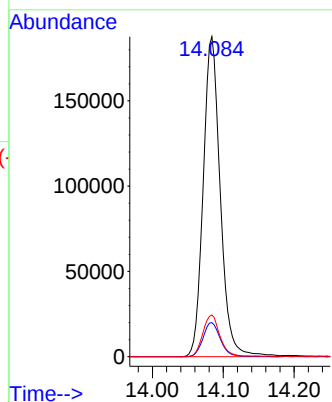


#71
Naphthalene
Concen: 8.690 ug/L
RT: 14.084 min Scan# 3979
Delta R.T. -0.000 min
Lab File: VU055934.D
Acq: 27 Oct 2023 19:32

Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion:128 Resp: 313541
Ion Ratio Lower Upper
128 100
129 10.9 8.3 12.5
127 13.1 10.0 15.0



#72
1,2,3-Trichlorobenzene
Concen: 8.141 ug/L
RT: 14.325 min Scan# 4054
Delta R.T. -0.000 min
Lab File: VU055934.D
Acq: 27 Oct 2023 19:32

Tgt Ion:180 Resp: 174879
Ion Ratio Lower Upper
180 100
182 95.1 74.6 112.0
145 34.6 27.4 41.2

