

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU112223\
 Data File : VU056599.D
 Acq On : 22 Nov 2023 19:28
 Operator : MD/SY
 Sample : VSTDCCC005EC
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Nov 23 03:44:32 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR111323WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Nov 22 00:29:26 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	269496	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	263422	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	140234	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	98933	4.908	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	98.200%
7) Chloroethane-d5	1.904	69	81537	5.276	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	105.600%
11) 1,1-Dichloroethene-d2	2.560	65	42256	4.750	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	95.000%
20) 2-Butanone-d5	4.618	46	223593	55.628	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	111.260%
24) Chloroform-d	5.055	84	201467	5.167	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	103.400%
26) 1,2-Dichloroethane-d4	5.695	65	96346	5.348	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	107.000%
32) Benzene-d6	5.721	84	378498	4.823	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.400%
36) 1,2-Dichloropropane-d6	6.685	67	111421	4.710	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	94.200%
41) Toluene-d8	7.891	98	335356	4.839	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.800%
43) trans-1,3-Dichloroprop...	8.174	79	45231	4.986	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	99.800%
46) 2-Hexanone-d5	8.627	63	195109	54.728	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	109.460%
56) 1,1,2,2-Tetrachloroeth...	10.749	84	85862	5.080	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	101.600%
66) 1,2-Dichlorobenzene-d4	12.190	152	114583	4.423	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	88.400%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.380	85	92533	4.334	ug/L	97
3) Chloromethane	1.515	50	91764	4.205	ug/L	98
5) Vinyl chloride	1.602	62	93751	4.459	ug/L	98
6) Bromomethane	1.849	94	37554	3.529	ug/L	96
8) Chloroethane	1.927	64	64400	5.014	ug/L	95
9) Trichlorofluoromethane	2.132	101	145792	4.812	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.576	101	85427	4.749	ug/L	99
12) 1,1-Dichloroethene	2.576	96	75793	4.594	ug/L	93
13) Acetone	2.624	43	128947	37.667	ug/L	99
14) Carbon disulfide	2.788	76	206495	3.847	ug/L	99
15) Methyl Acetate	2.946	43	30743	5.046	ug/L	99
16) Methylene chloride	3.039	84	101847	4.665	ug/L	98
17) Methyl tert-butyl Ether	3.354	73	208027	5.190	ug/L	99
18) trans-1,2-Dichloroethene	3.345	96	79299	4.672	ug/L	96
19) 1,1-Dichloroethane	3.862	63	171310	5.095	ug/L	98
21) 2-Butanone	4.695	43	211277	47.562	ug/L	97
22) cis-1,2-Dichloroethene	4.656	96	98265	5.105	ug/L	98
23) Bromochloromethane	4.968	128	41811	5.277	ug/L	94
25) Chloroform	5.081	83	191120	5.246	ug/L	98

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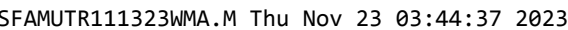
Instrument :
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 ClientSampleId :

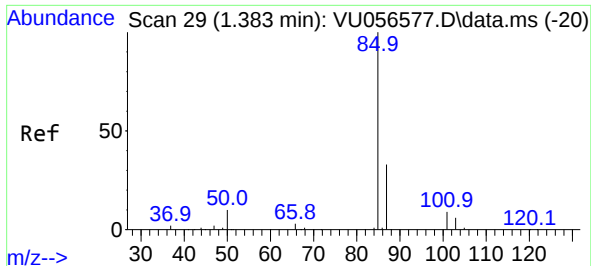
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 Quant Title : TRACE VOA SFAM1.0
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.788	62	113939	5.509	ug/L	98
29) 1,1,1-Trichloroethane	5.309	97	162658	5.379	ug/L	98
30) Cyclohexane	5.380	56	114282	3.982	ug/L	99
31) Carbon tetrachloride	5.518	117	131813	5.075	ug/L	99
33) Benzene	5.769	78	378904	5.041	ug/L	100
34) Trichloroethene	6.537	95	97870	4.779	ug/L	97
35) Methylcyclohexane	6.756	83	114686	3.879	ug/L	97
37) 1,2-Dichloropropane	6.785	63	98291	5.015	ug/L	99
38) Bromodichloromethane	7.100	83	128457	5.076	ug/L	99
39) cis-1,3-Dichloropropene	7.602	75	138680	4.815	ug/L	97
40) 4-Methyl-2-pentanone	7.785	43	493339	50.774	ug/L	99
42) Toluene	7.965	91	392373	5.042	ug/L	99
44) trans-1,3-Dichloropropene	8.206	75	120788	5.261	ug/L	96
45) 1,1,2-Trichloroethane	8.396	97	72019	5.517	ug/L	96
47) Tetrachloroethene	8.550	164	66548	4.819	ug/L	98
48) 2-Hexanone	8.679	43	384573	50.805	ug/L	98
49) Dibromochloromethane	8.804	129	83379	5.617	ug/L	98
50) 1,2-Dibromoethane	8.920	107	64061	5.198	ug/L	96
51) Chlorobenzene	9.441	112	248676	4.973	ug/L	99
52) Ethylbenzene	9.566	91	415695	4.811	ug/L	100
53) m,p-Xylene	9.692	106	159293	5.014	ug/L	97
54) o-Xylene	10.097	106	152371	4.938	ug/L	99
55) Styrene	10.110	104	269916	5.259	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.778	83	85532	5.366	ug/L	99
59) Bromoform	10.286	173	45141	5.168	ug/L	99
60) Isopropylbenzene	10.479	105	407755	4.509	ug/L	100
61) 1,2,3-Trichloropropane	10.817	75	61218	5.088	ug/L	96
62) 1,3,5-Trimethylbenzene	11.084	105	338300	4.556	ug/L	99
63) 1,2,4-Trimethylbenzene	11.463	105	342493	4.673	ug/L	99
64) 1,3-Dichlorobenzene	11.740	146	203715	4.952	ug/L	99
65) 1,4-Dichlorobenzene	11.833	146	198010	4.798	ug/L	98
67) 1,2-Dichlorobenzene	12.206	146	185322	4.910	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.990	75	11845	4.609	ug/L	91
69) 1,3,5-Trichlorobenzene	13.212	180	142059	4.586	ug/L	100
70) 1,2,4-trichlorobenzene	13.836	180	112944	4.477	ug/L	97
71) Naphthalene	14.084	128	171166	4.491	ug/L	100
72) 1,2,3-Trichlorobenzene	14.325	180	102057	4.911	ug/L	96

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

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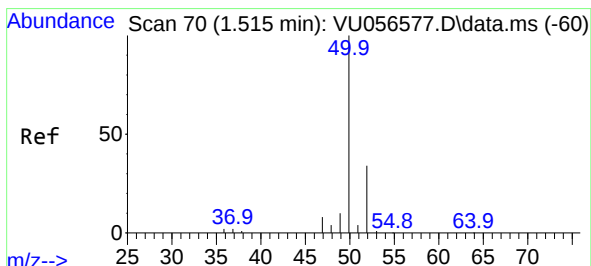
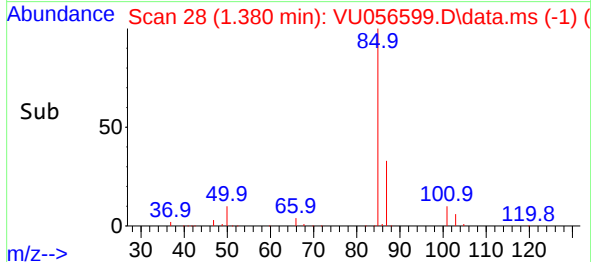
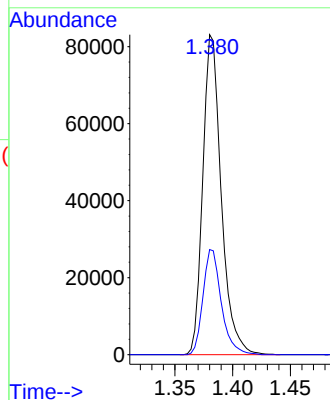
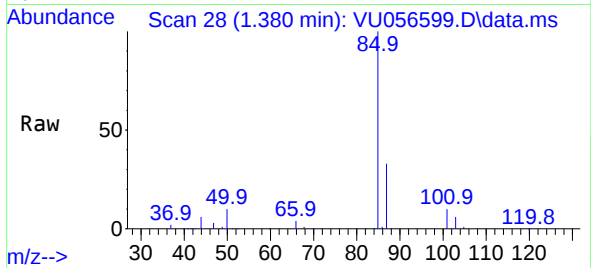




#2
 Dichlorodifluoromethane
 Concen: 4.334 ug/L
 RT: 1.380 min Scan# 21
 Delta R.T. -0.003 min
 Lab File: VU056599.D
 Acq: 22 Nov 2023 19:28

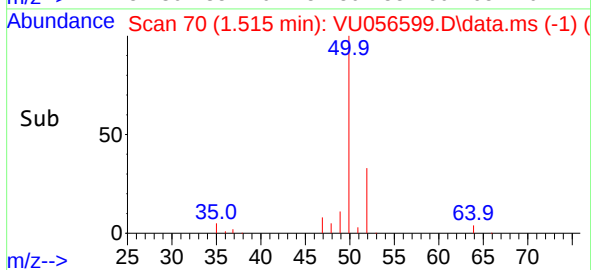
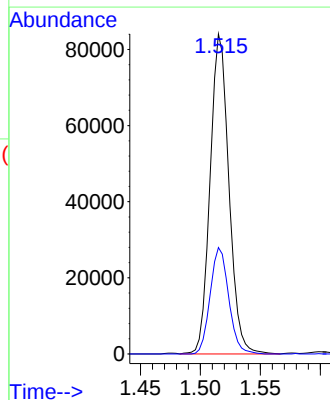
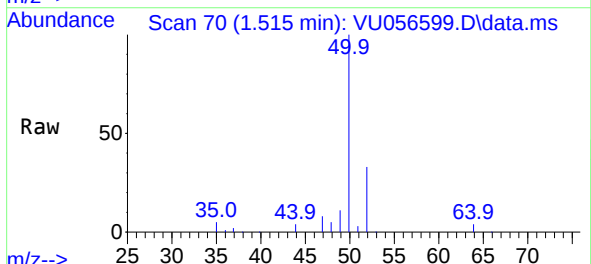
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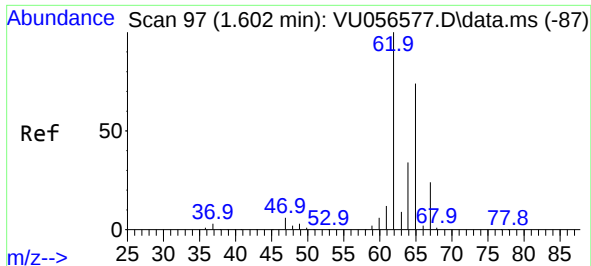
Tgt Ion: 85 Resp: 92533
 Ion Ratio Lower Upper
 85 100
 87 32.6 25.0 37.4



#3
 Chloromethane
 Concen: 4.205 ug/L
 RT: 1.515 min Scan# 70
 Delta R.T. -0.000 min
 Lab File: VU056599.D
 Acq: 22 Nov 2023 19:28

Tgt Ion: 50 Resp: 91764
 Ion Ratio Lower Upper
 50 100
 52 33.3 24.3 45.1

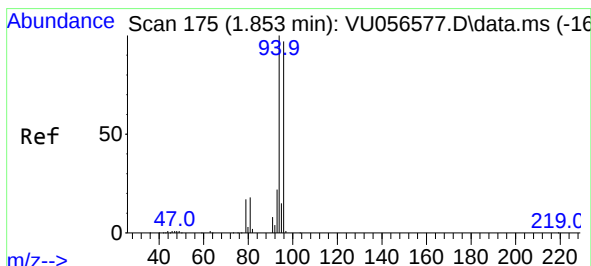
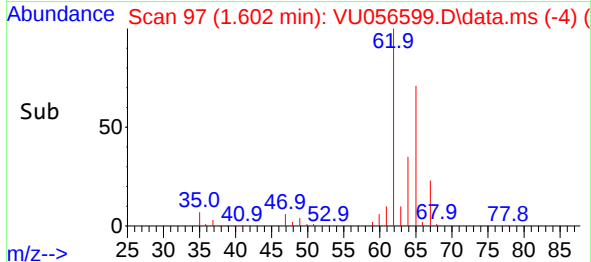
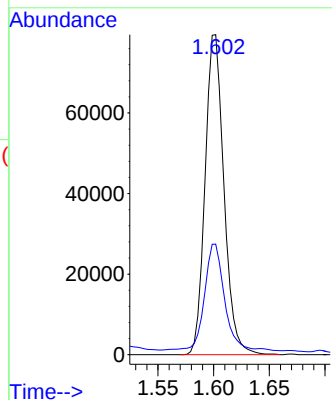
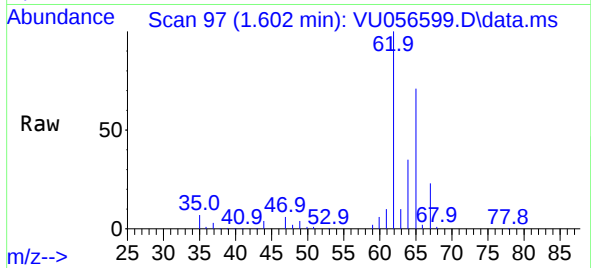




#5
 Vinyl chloride
 Concen: 4.459 ug/L
 RT: 1.602 min Scan# 91
 Delta R.T. -0.000 min
 Lab File: VU056599.D
 Acq: 22 Nov 2023 19:28

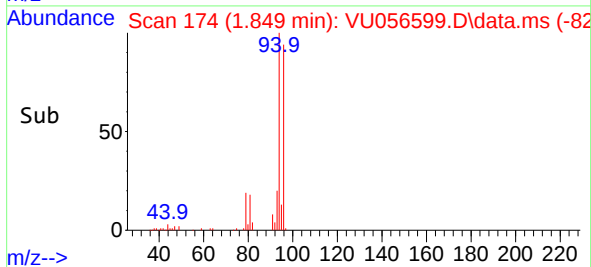
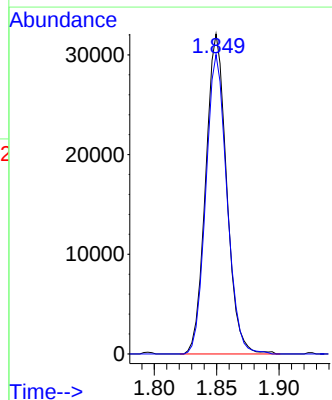
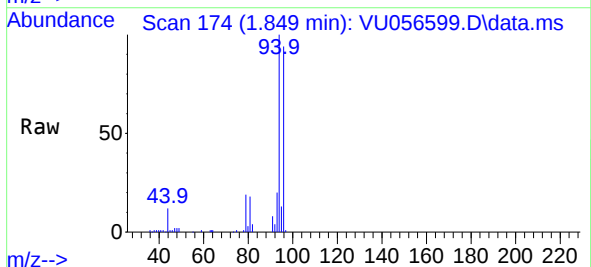
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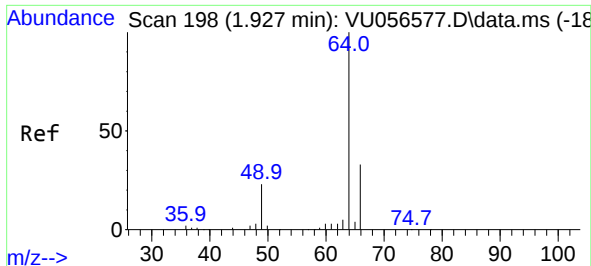
Tgt Ion: 62 Resp: 93751
 Ion Ratio Lower Upper
 62 100
 64 34.6 23.3 43.3



#6
 Bromomethane
 Concen: 3.529 ug/L
 RT: 1.849 min Scan# 174
 Delta R.T. -0.003 min
 Lab File: VU056599.D
 Acq: 22 Nov 2023 19:28

Tgt Ion: 94 Resp: 37554
 Ion Ratio Lower Upper
 94 100
 96 93.5 62.6 116.2

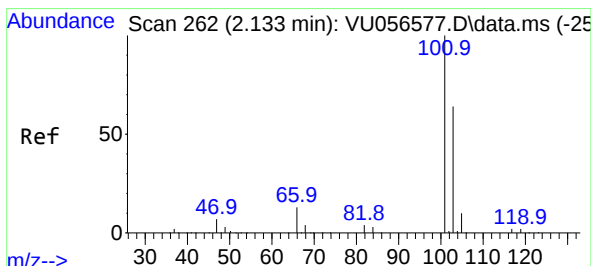
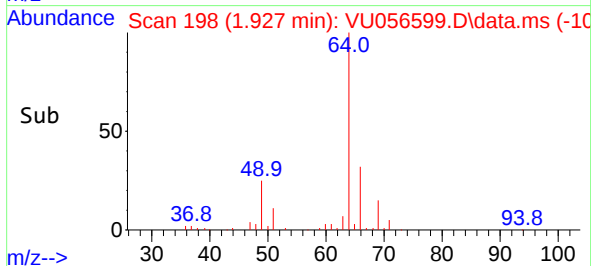
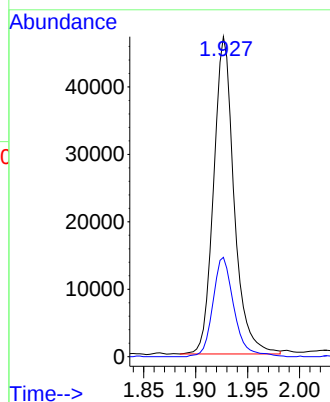
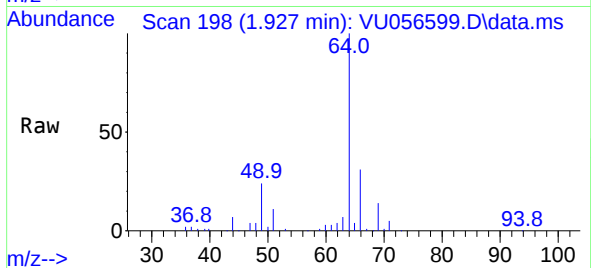




#8
Chloroethane
Concen: 5.014 ug/L
RT: 1.927 min Scan# 198
Delta R.T. -0.003 min
Lab File: VU056599.D
Acq: 22 Nov 2023 19:28

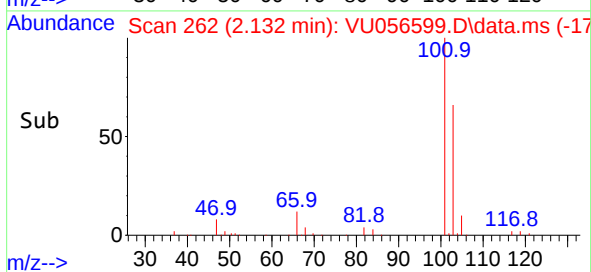
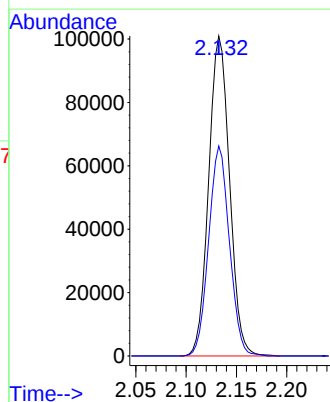
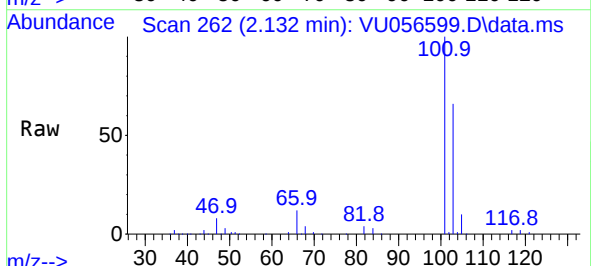
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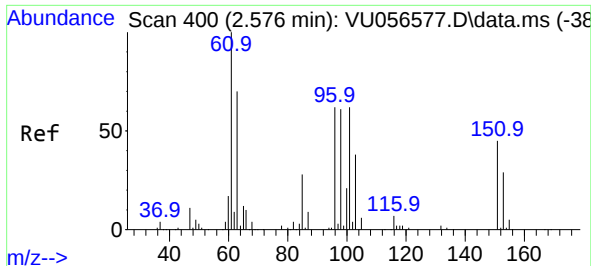
Tgt Ion: 64 Resp: 64400
Ion Ratio Lower Upper
64 100
66 31.1 23.9 44.5



#9
Trichlorofluoromethane
Concen: 4.812 ug/L
RT: 2.132 min Scan# 262
Delta R.T. -0.003 min
Lab File: VU056599.D
Acq: 22 Nov 2023 19:28

Tgt Ion:101 Resp: 145792
Ion Ratio Lower Upper
101 100
103 65.2 52.0 78.0

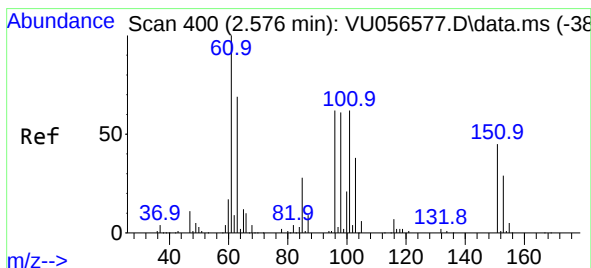
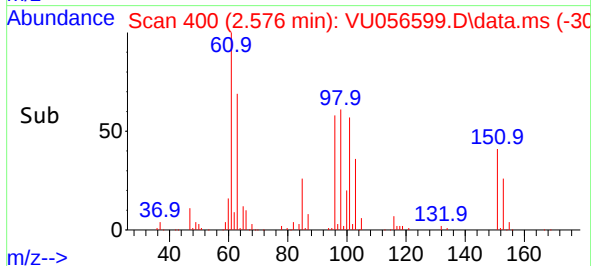
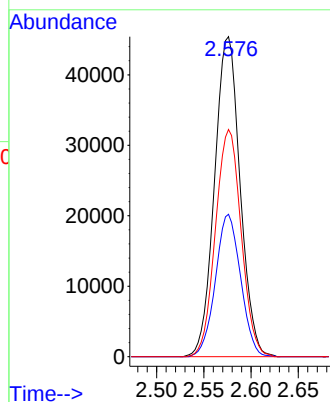
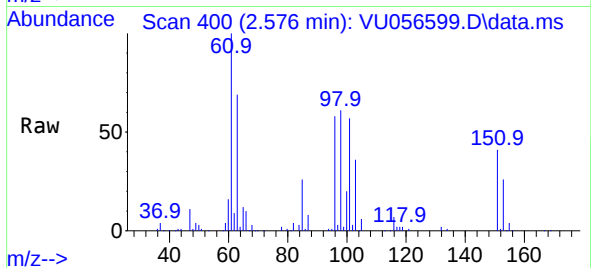




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 4.749 ug/L
RT: 2.576 min Scan# 400
Delta R.T. -0.000 min
Lab File: VU056599.D
Acq: 22 Nov 2023 19:28

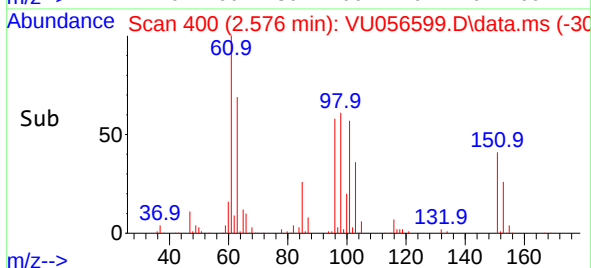
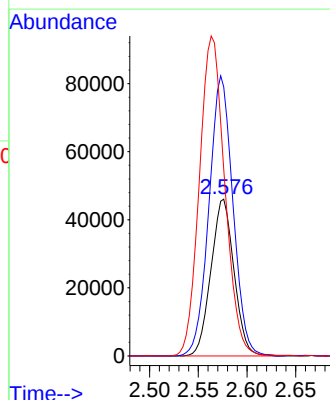
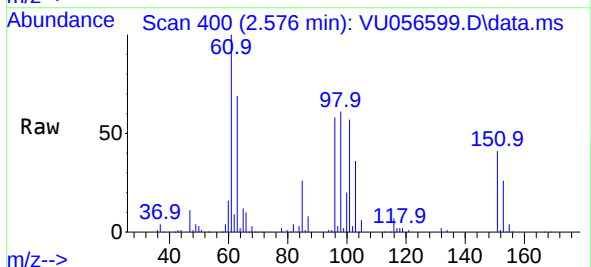
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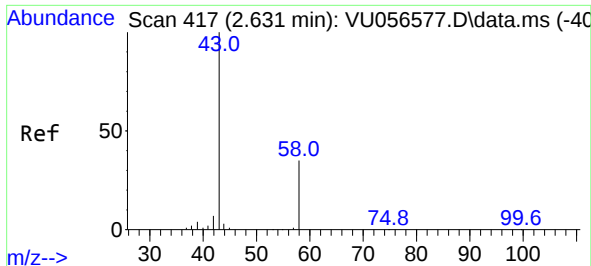
Tgt Ion:101 Resp: 85427
Ion Ratio Lower Upper
101 100
85 43.8 35.4 53.0
151 71.4 58.0 87.0



#12
1,1-Dichloroethene
Concen: 4.594 ug/L
RT: 2.576 min Scan# 400
Delta R.T. -0.000 min
Lab File: VU056599.D
Acq: 22 Nov 2023 19:28

Tgt Ion: 96 Resp: 75793
Ion Ratio Lower Upper
96 100
61 171.6 123.1 228.7
63 119.1 93.3 173.3





#13

Acetone

Concen: 37.667 ug/L

RT: 2.624 min Scan# 41

Delta R.T. -0.007 min

Lab File: VU056599.D

Acq: 22 Nov 2023 19:28

Instrument :

MSVOA_U

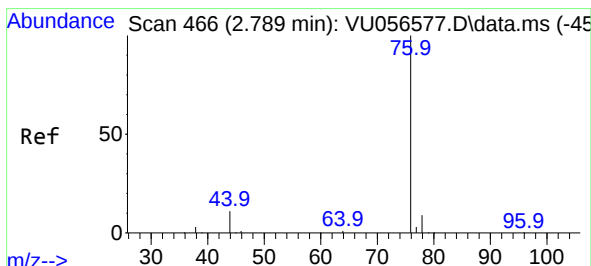
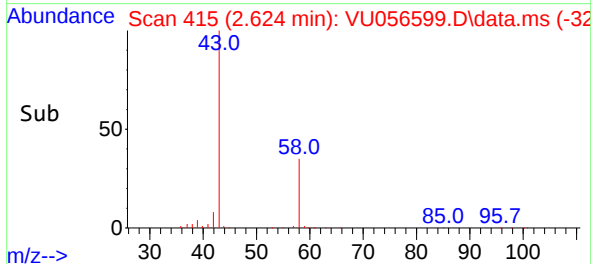
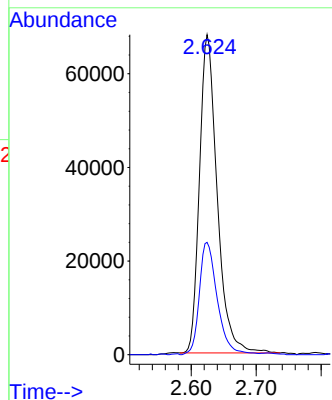
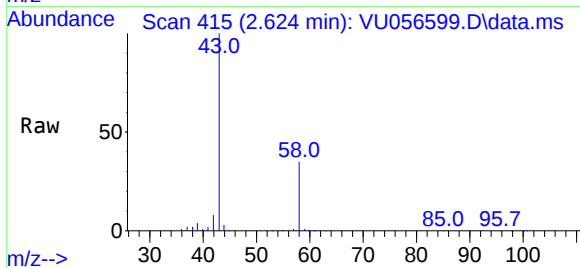
ClientSampleId :

Tgt Ion: 43 Resp: 128947

Ion Ratio Lower Upper

43 100

58 35.9 0.0 70.0



#14

Carbon disulfide

Concen: 3.847 ug/L

RT: 2.788 min Scan# 466

Delta R.T. -0.000 min

Lab File: VU056599.D

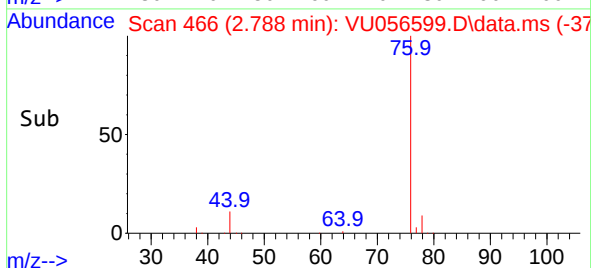
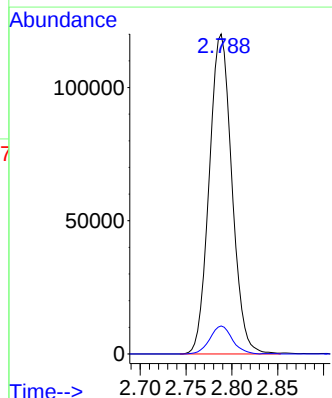
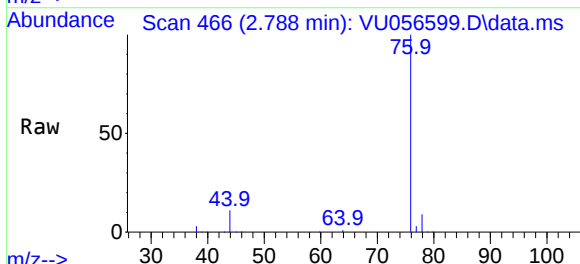
Acq: 22 Nov 2023 19:28

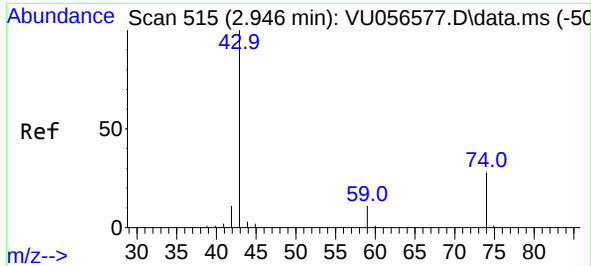
Tgt Ion: 76 Resp: 206495

Ion Ratio Lower Upper

76 100

78 8.7 6.8 10.2





#15

Methyl Acetate

Concen: 5.046 ug/L

RT: 2.946 min Scan# 515

Delta R.T. -0.000 min

Lab File: VU056599.D

Acq: 22 Nov 2023 19:28

Instrument :

MSVOA_U

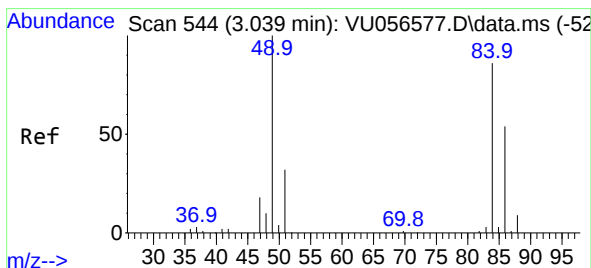
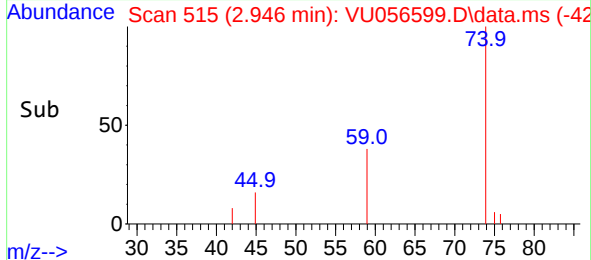
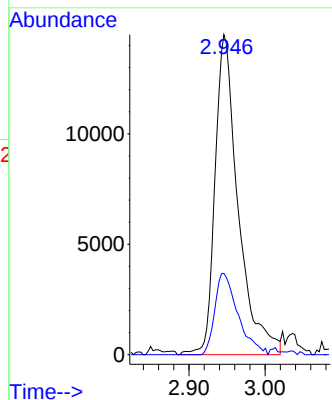
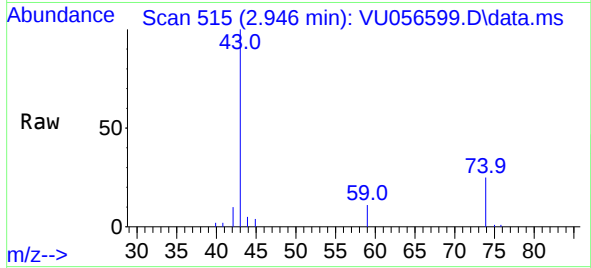
ClientSampleId :

Tgt Ion: 43 Resp: 30743

Ion Ratio Lower Upper

43 100

74 25.3 20.6 31.0



#16

Methylene chloride

Concen: 4.665 ug/L

RT: 3.039 min Scan# 544

Delta R.T. -0.000 min

Lab File: VU056599.D

Acq: 22 Nov 2023 19:28

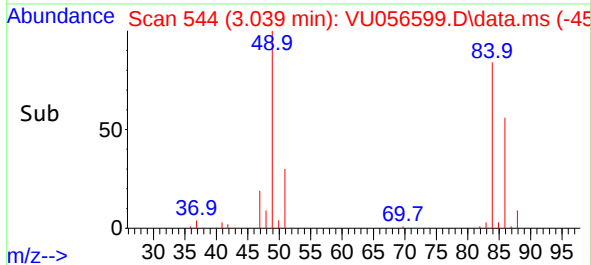
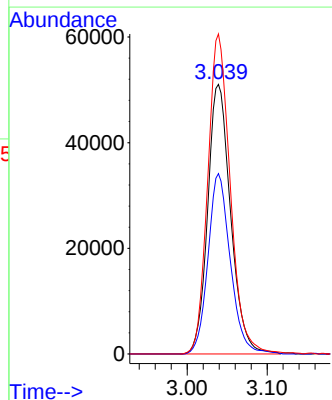
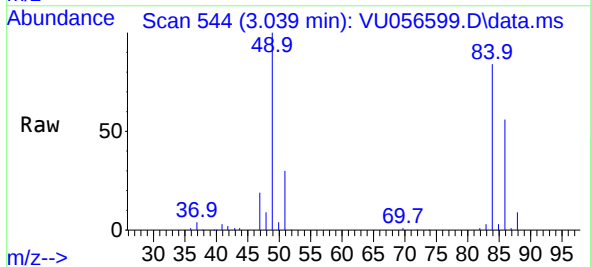
Tgt Ion: 84 Resp: 101847

Ion Ratio Lower Upper

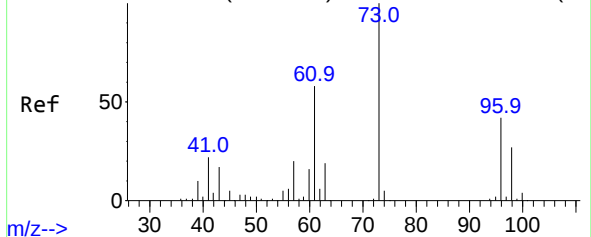
84 100

86 66.9 44.7 83.1

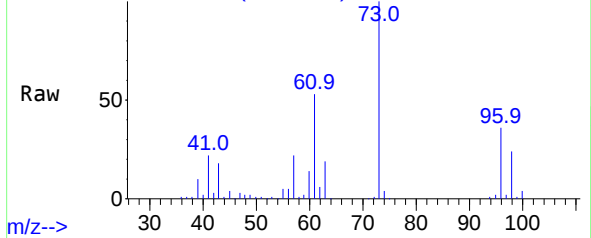
49 118.7 81.8 152.0



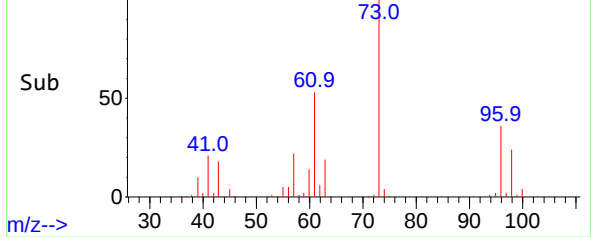
Abundance Scan 642 (3.354 min): VU056577.D\data.ms (-62



m/z--> Scan 642 (3.354 min): VU056599.D\data.ms

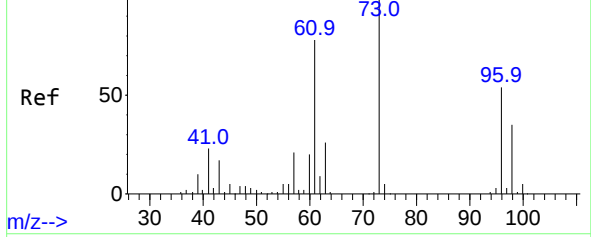


Abundance Scan 642 (3.354 min): VU056599.D\data.ms (-54

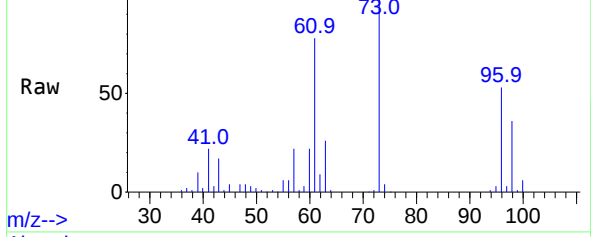


m/z-->

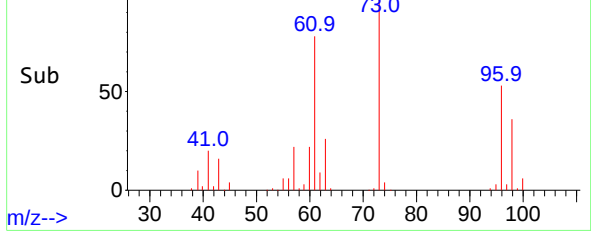
Abundance Scan 640 (3.348 min): VU056577.D\data.ms (-62



m/z--> Scan 639 (3.345 min): VU056599.D\data.ms



Abundance Scan 639 (3.345 min): VU056599.D\data.ms (-54



m/z-->

#17

Methyl tert-butyl Ether

Concen: 5.190 ug/L

RT: 3.354 min Scan# 64

Delta R.T. -0.000 min

Lab File: VU056599.D

Acq: 22 Nov 2023 19:28

Tgt Ion: 73 Resp: 208027

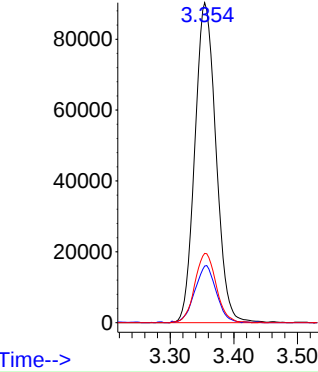
Ion Ratio Lower Upper

73 100

43 18.2 15.1 22.7

57 22.1 17.8 26.8

Abundance



Time-->

#18

trans-1,2-Dichloroethene

Concen: 4.672 ug/L

RT: 3.345 min Scan# 639

Delta R.T. -0.003 min

Lab File: VU056599.D

Acq: 22 Nov 2023 19:28

Tgt Ion: 96 Resp: 79299

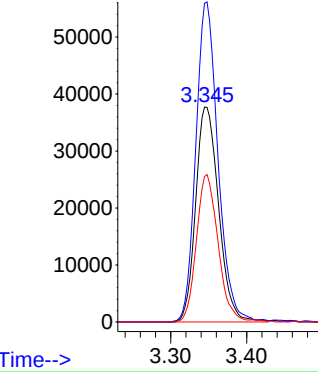
Ion Ratio Lower Upper

96 100

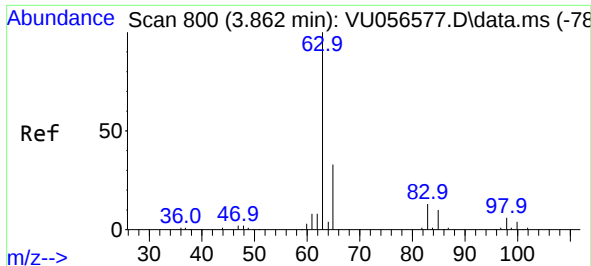
61 148.3 101.7 188.9

98 67.7 43.0 80.0

Abundance

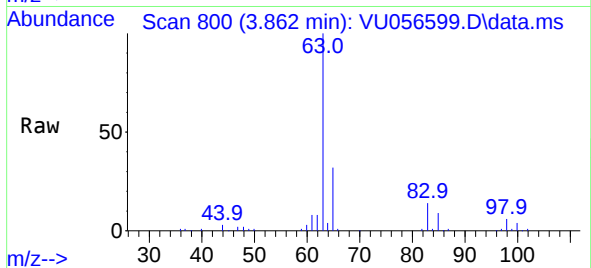


Time-->

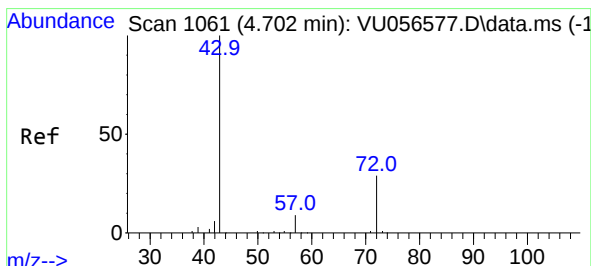
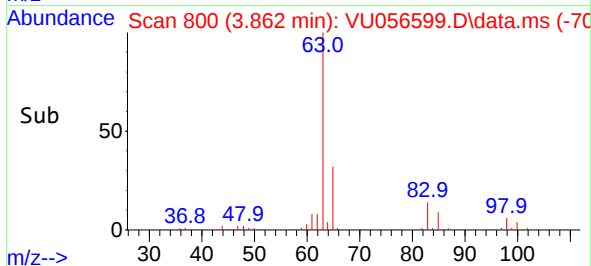
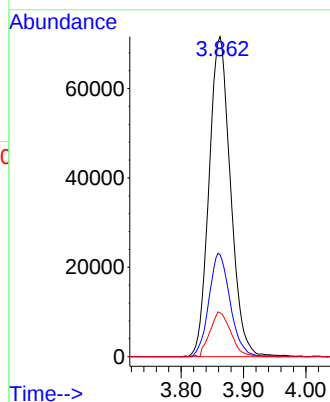


#19
1,1-Dichloroethane
Concen: 5.095 ug/L
RT: 3.862 min Scan# 800
Delta R.T. -0.000 min
Lab File: VU056599.D
Acq: 22 Nov 2023 19:28

Instrument :
MSVOA_U
ClientSampleId :

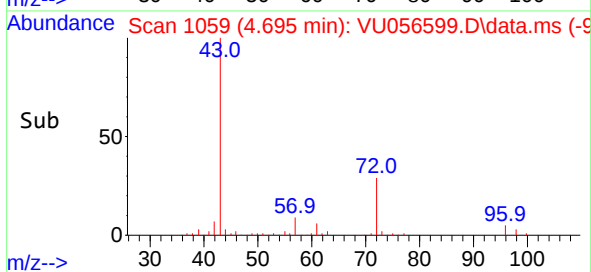
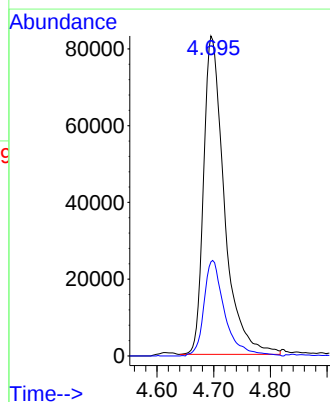
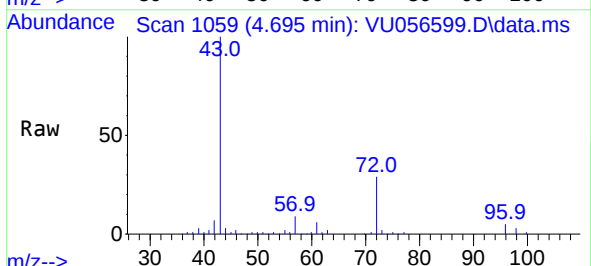


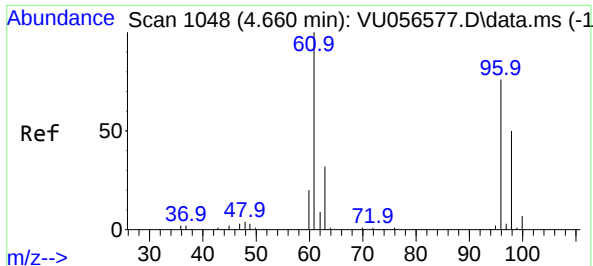
Tgt Ion: 63 Resp: 171310
Ion Ratio Lower Upper
63 100
65 32.5 21.8 40.6
83 13.7 9.7 17.9



#21
2-Butanone
Concen: 47.562 ug/L
RT: 4.695 min Scan# 1059
Delta R.T. -0.003 min
Lab File: VU056599.D
Acq: 22 Nov 2023 19:28

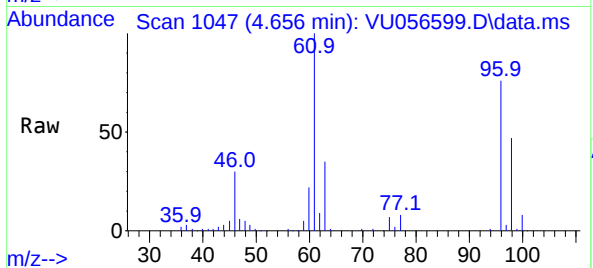
Tgt Ion: 43 Resp: 211277
Ion Ratio Lower Upper
43 100
72 30.1 14.2 42.6



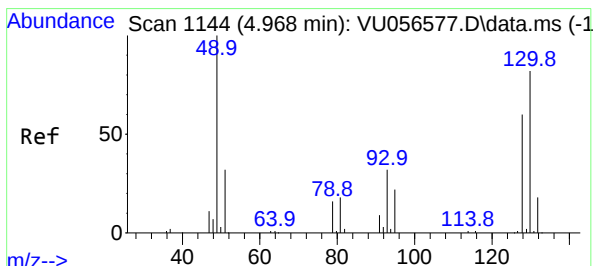
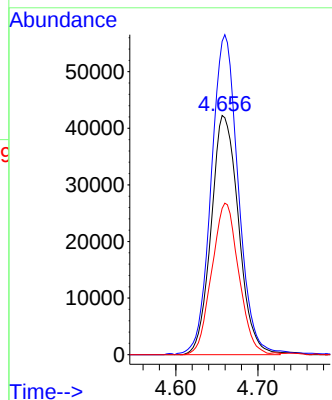
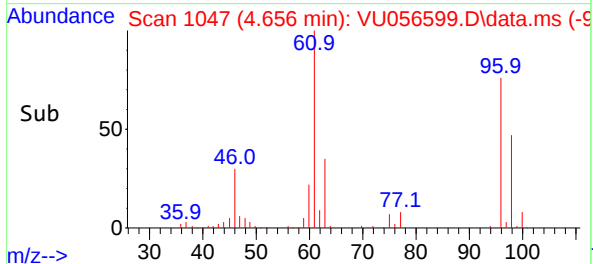


#22
cis-1,2-Dichloroethene
Concen: 5.105 ug/L
RT: 4.656 min Scan# 1047
Delta R.T. -0.003 min
Lab File: VU056599.D
Acq: 22 Nov 2023 19:28

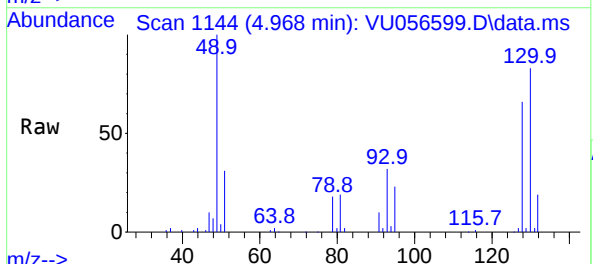
Instrument :
MSVOA_U
ClientSampleId :



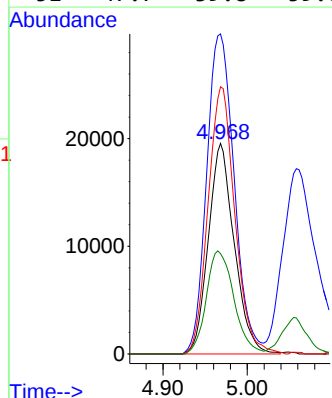
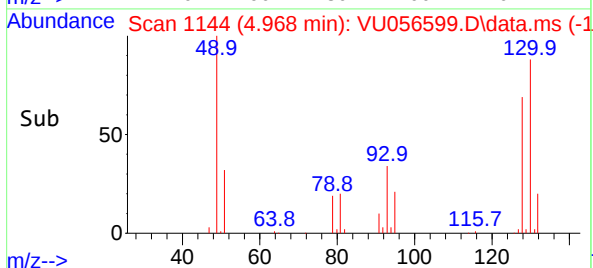
Tgt Ion: 96 Resp: 98265
Ion Ratio Lower Upper
96 100
61 130.9 93.2 173.2
98 61.2 44.8 83.2

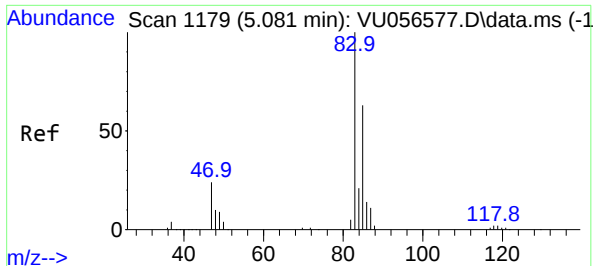


#23
Bromochloromethane
Concen: 5.277 ug/L
RT: 4.968 min Scan# 1144
Delta R.T. -0.000 min
Lab File: VU056599.D
Acq: 22 Nov 2023 19:28



Tgt Ion: 128 Resp: 41811
Ion Ratio Lower Upper
128 100
49 152.0 113.4 210.6
130 126.9 84.8 157.6
51 47.7 39.8 59.6

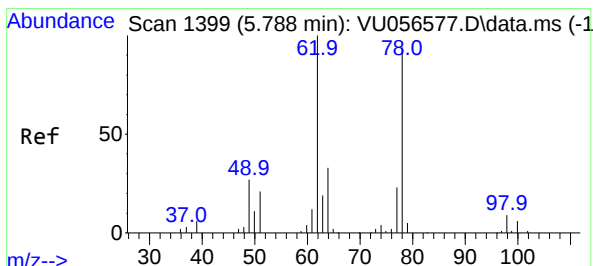
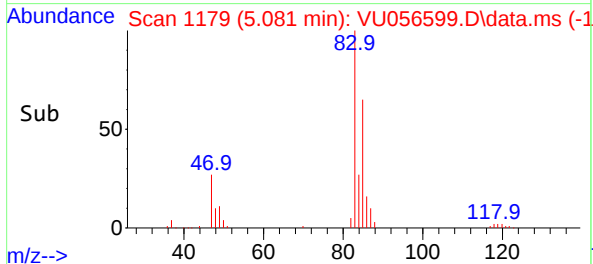
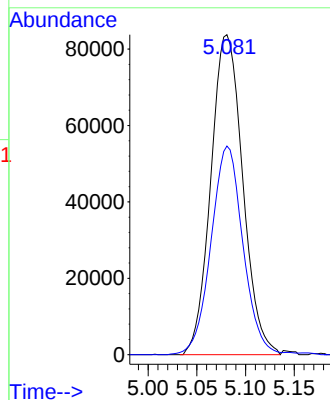
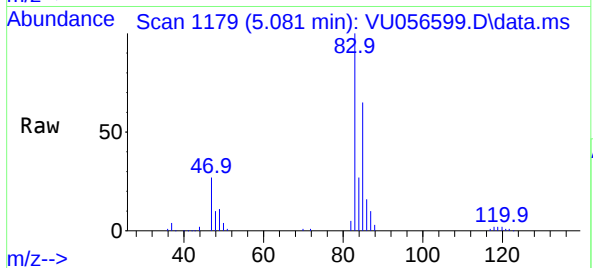




#25
Chloroform
Concen: 5.246 ug/L
RT: 5.081 min Scan# 1179
Delta R.T. -0.000 min
Lab File: VU056599.D
Acq: 22 Nov 2023 19:28

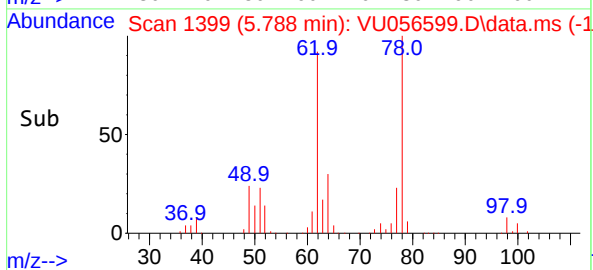
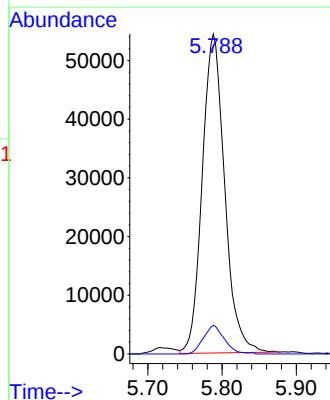
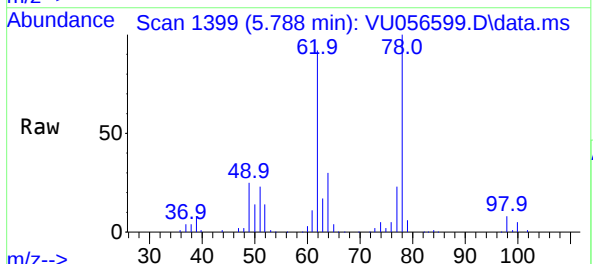
Instrument :
MSVOA_U
ClientSampleId :

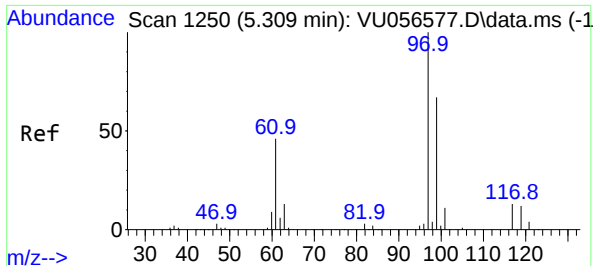
Tgt Ion: 83 Resp: 191120
Ion Ratio Lower Upper
83 100
85 65.2 47.0 87.2



#27
1,2-Dichloroethane
Concen: 5.509 ug/L
RT: 5.788 min Scan# 1399
Delta R.T. 0.003 min
Lab File: VU056599.D
Acq: 22 Nov 2023 19:28

Tgt Ion: 62 Resp: 113939
Ion Ratio Lower Upper
62 100
98 9.0 6.6 10.0

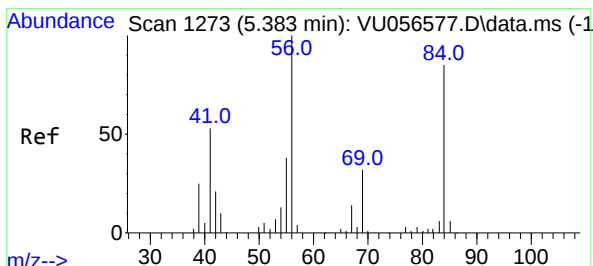
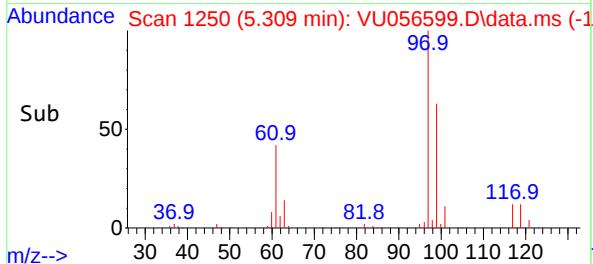
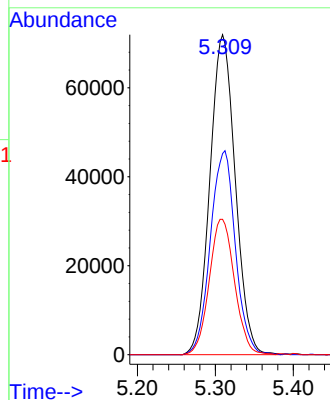
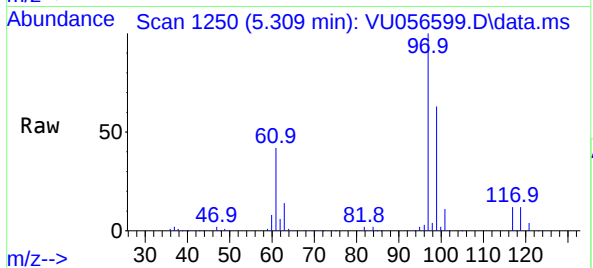




#29
1,1,1-Trichloroethane
Concen: 5.379 ug/L
RT: 5.309 min Scan# 11
Delta R.T. -0.000 min
Lab File: VU056599.D
Acq: 22 Nov 2023 19:28

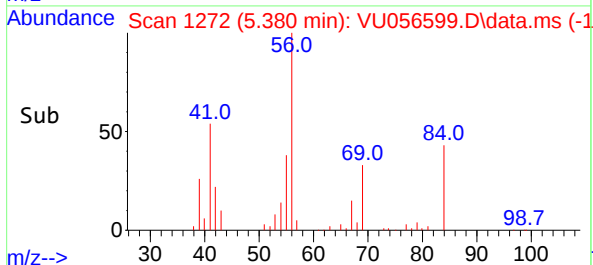
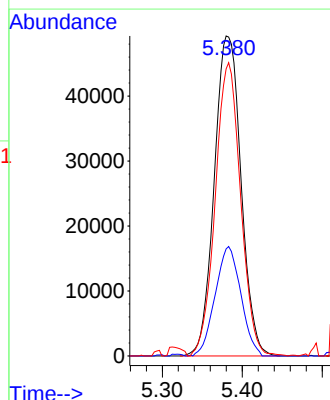
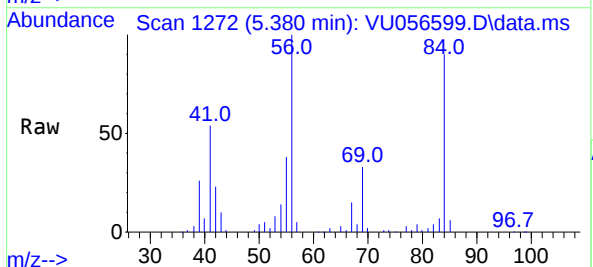
Instrument :
MSVOA_U
ClientSampleId :

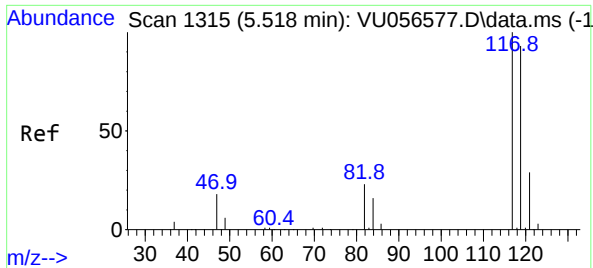
Tgt Ion: 97 Resp: 162658
Ion Ratio Lower Upper
97 100
99 63.0 51.6 77.4
61 42.2 34.3 51.5



#30
Cyclohexane
Concen: 3.982 ug/L
RT: 5.380 min Scan# 1272
Delta R.T. -0.000 min
Lab File: VU056599.D
Acq: 22 Nov 2023 19:28

Tgt Ion: 56 Resp: 114282
Ion Ratio Lower Upper
56 100
69 32.9 25.4 38.2
84 86.9 68.6 103.0

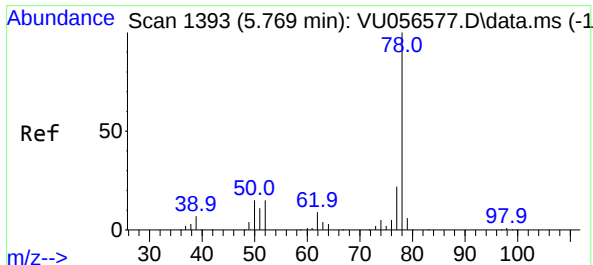
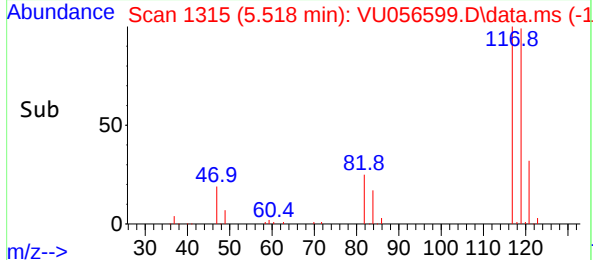
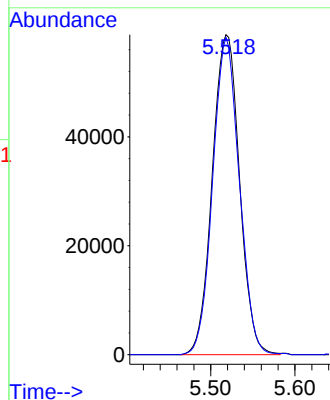
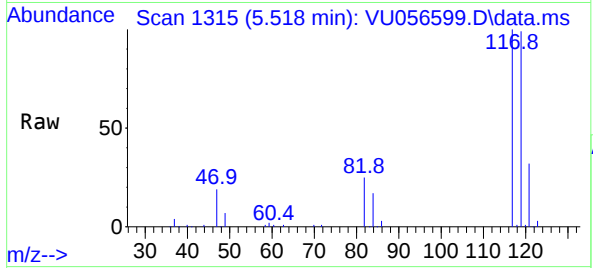




#31
Carbon tetrachloride
Concen: 5.075 ug/L
RT: 5.518 min Scan# 1315
Delta R.T. -0.003 min
Lab File: VU056599.D
Acq: 22 Nov 2023 19:28

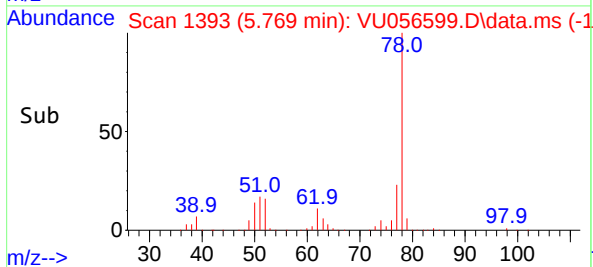
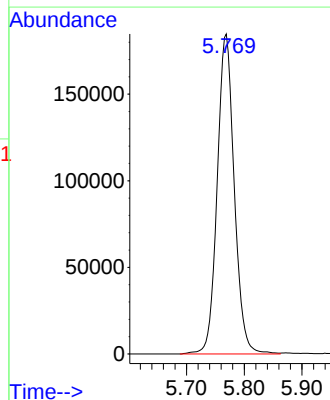
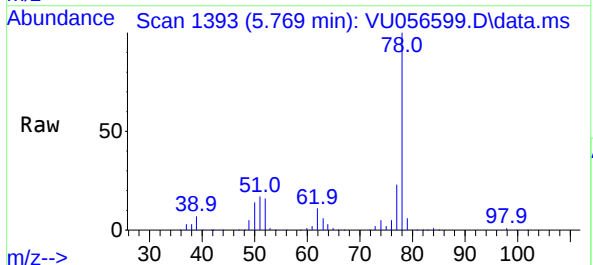
Instrument :
MSVOA_U
ClientSampleId :

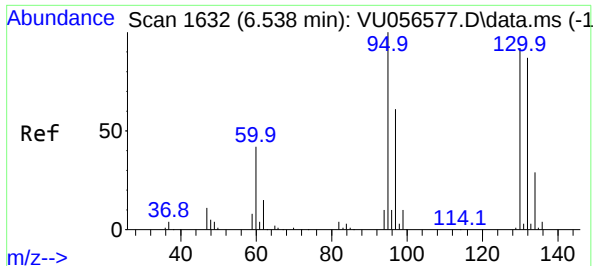
Tgt Ion:117 Resp: 131813
Ion Ratio Lower Upper
117 100
119 96.5 78.1 117.1



#33
Benzene
Concen: 5.041 ug/L
RT: 5.769 min Scan# 1393
Delta R.T. -0.000 min
Lab File: VU056599.D
Acq: 22 Nov 2023 19:28

Tgt Ion: 78 Resp: 378904

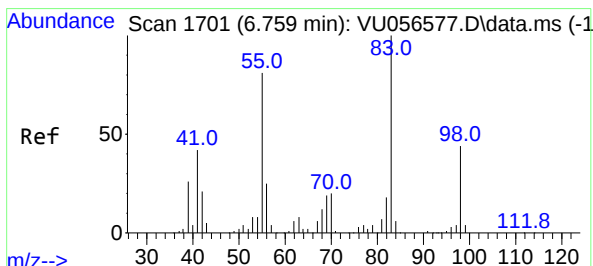
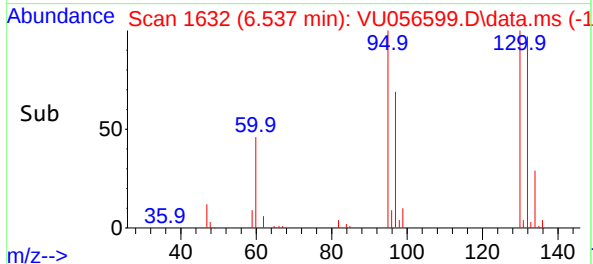
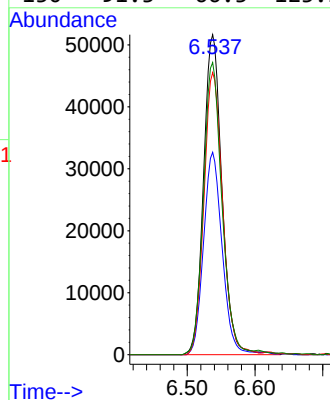
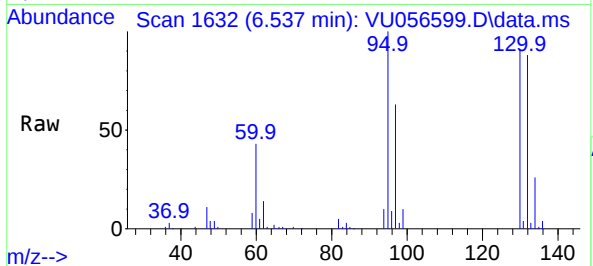




#34
Trichloroethene
Concen: 4.779 ug/L
RT: 6.537 min Scan# 1
Delta R.T. -0.000 min
Lab File: VU056599.D
Acq: 22 Nov 2023 19:28

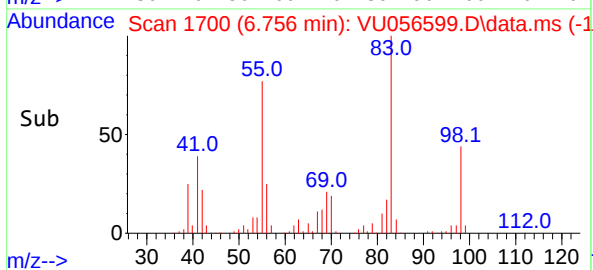
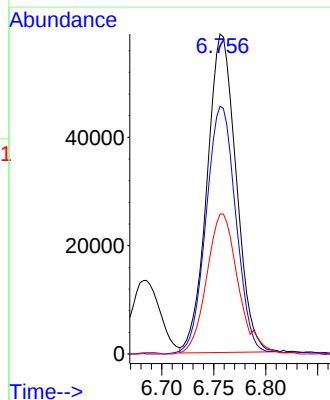
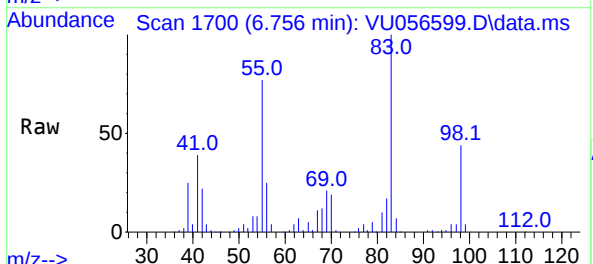
Instrument :
MSVOA_U
ClientSampleId :

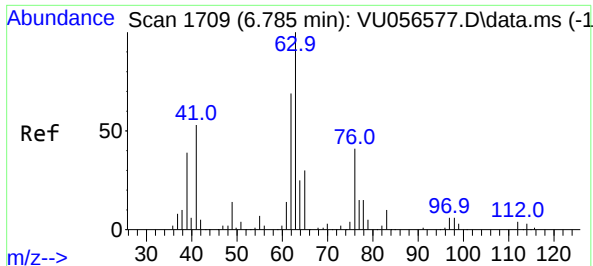
Tgt Ion: 95 Resp: 97870
Ion Ratio Lower Upper
95 100
97 63.3 46.5 86.3
132 88.2 62.0 115.2
130 91.3 66.3 123.1



#35
Methylcyclohexane
Concen: 3.879 ug/L
RT: 6.756 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VU056599.D
Acq: 22 Nov 2023 19:28

Tgt Ion: 83 Resp: 114686
Ion Ratio Lower Upper
83 100
55 80.2 62.9 94.3
98 47.5 35.3 52.9

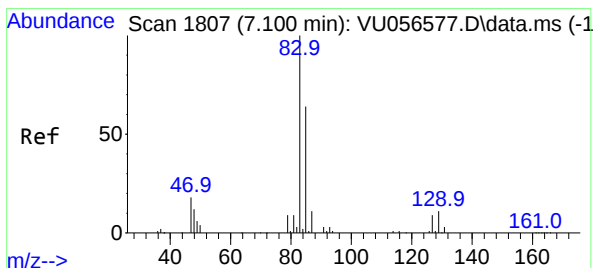
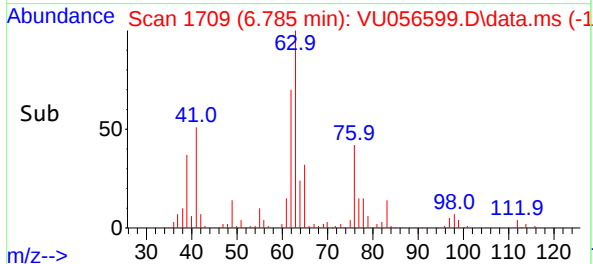
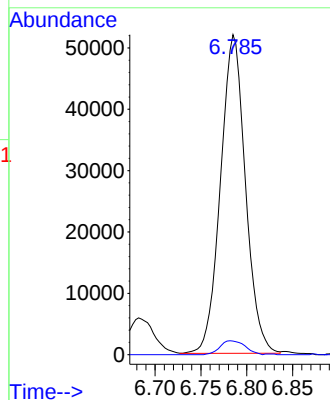
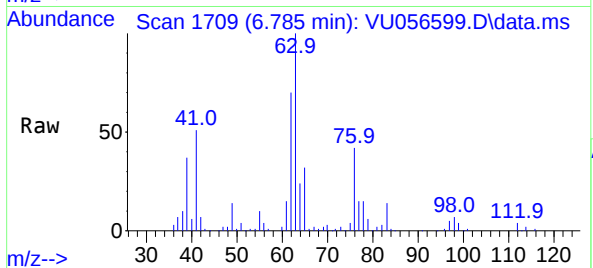




#37
1,2-Dichloropropane
Concen: 5.015 ug/L
RT: 6.785 min Scan# 11
Delta R.T. 0.003 min
Lab File: VU056599.D
Acq: 22 Nov 2023 19:28

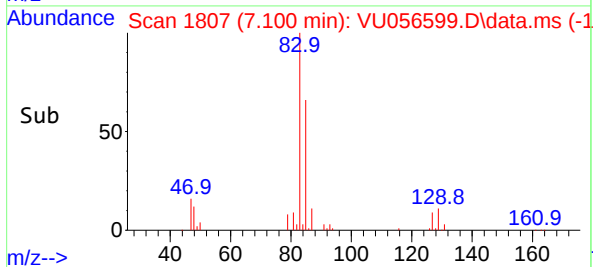
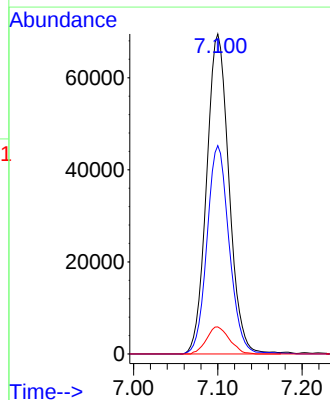
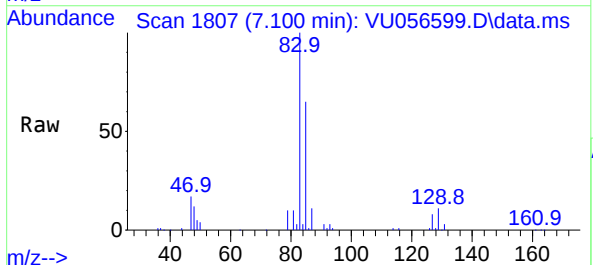
Instrument :
MSVOA_U
ClientSampleId :

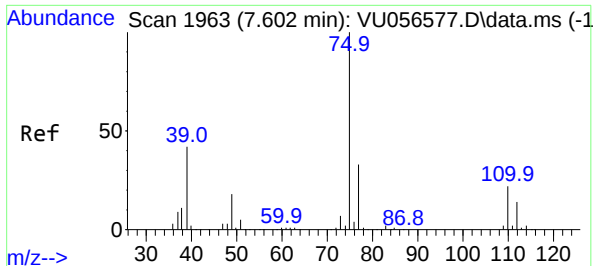
Tgt Ion: 63 Resp: 98291
Ion Ratio Lower Upper
63 100
112 4.4 3.2 4.8



#38
Bromodichloromethane
Concen: 5.076 ug/L
RT: 7.100 min Scan# 1807
Delta R.T. -0.000 min
Lab File: VU056599.D
Acq: 22 Nov 2023 19:28

Tgt Ion: 83 Resp: 128457
Ion Ratio Lower Upper
83 100
85 65.1 44.9 83.5
127 8.4 6.9 10.3

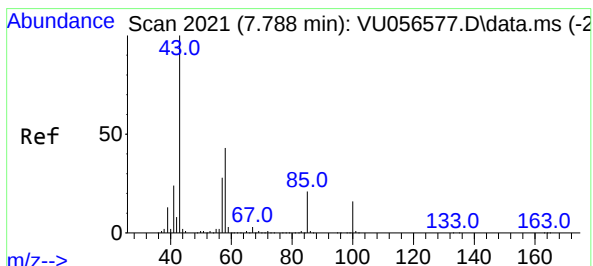
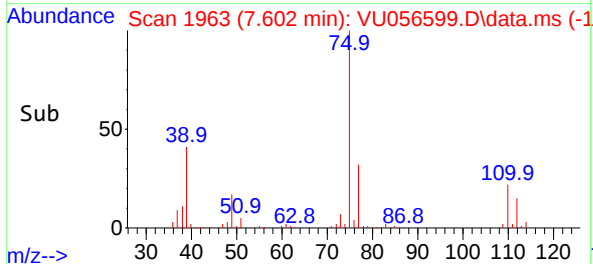
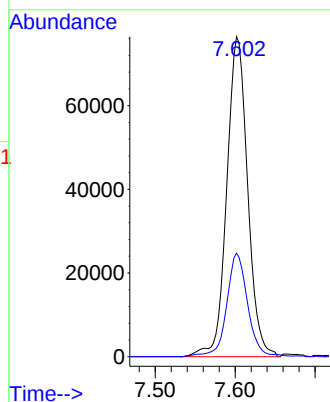
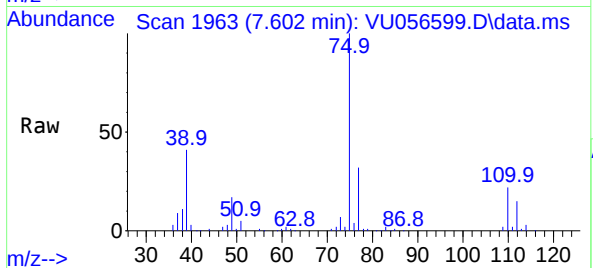




#39
cis-1,3-Dichloropropene
Concen: 4.815 ug/L
RT: 7.602 min Scan# 1963
Delta R.T. -0.000 min
Lab File: VU056599.D
Acq: 22 Nov 2023 19:28

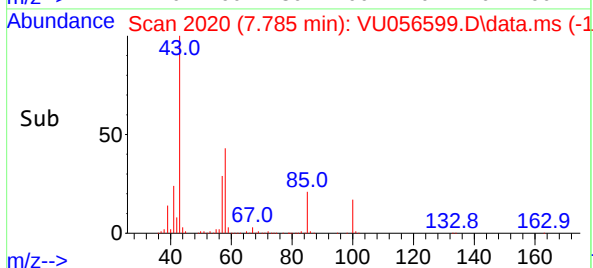
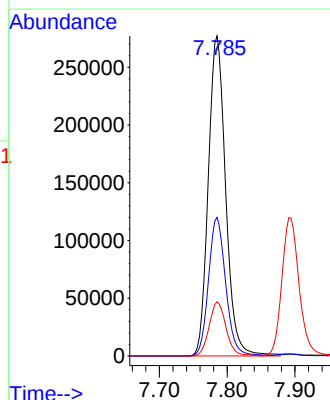
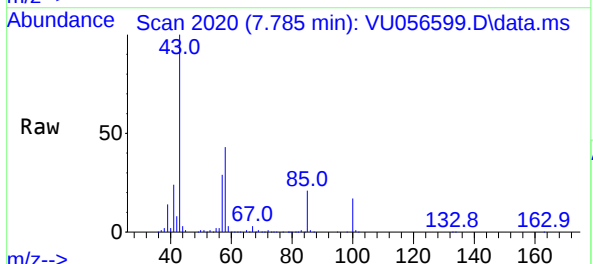
Instrument :
MSVOA_U
ClientSampleId :

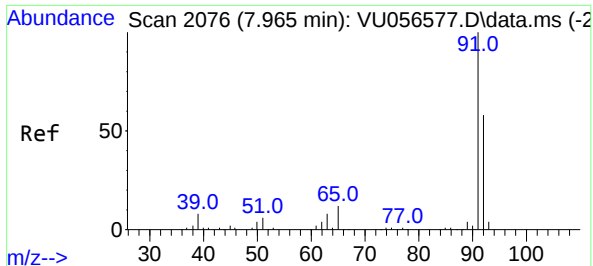
Tgt Ion: 75 Resp: 138680
Ion Ratio Lower Upper
75 100
77 32.4 21.5 39.9



#40
4-Methyl-2-pentanone
Concen: 50.774 ug/L
RT: 7.785 min Scan# 2020
Delta R.T. -0.000 min
Lab File: VU056599.D
Acq: 22 Nov 2023 19:28

Tgt Ion: 43 Resp: 493339
Ion Ratio Lower Upper
43 100
58 42.8 33.8 50.8
100 16.4 13.0 19.4

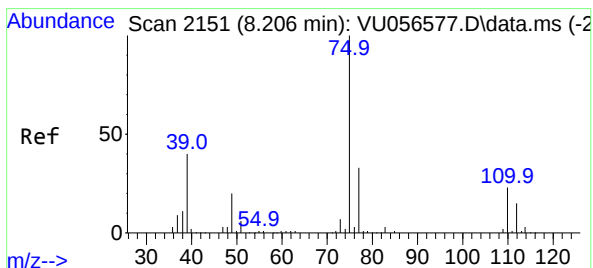
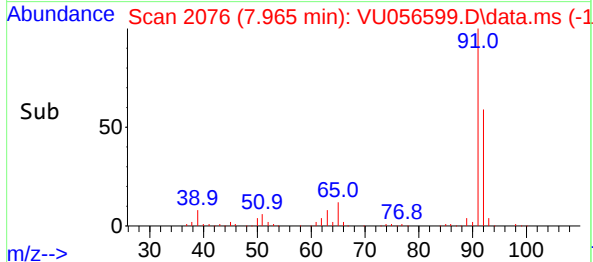
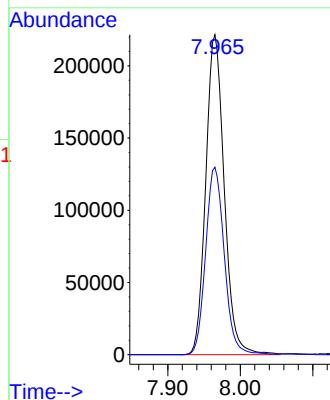
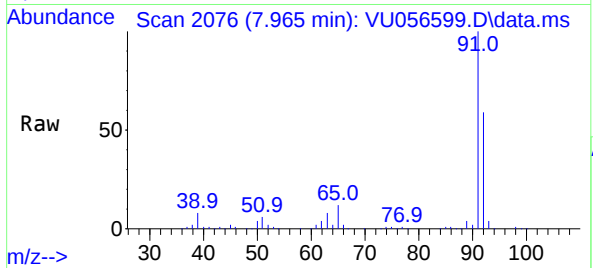




#42
Toluene
Concen: 5.042 ug/L
RT: 7.965 min Scan# 2076
Delta R.T. 0.003 min
Lab File: VU056599.D
Acq: 22 Nov 2023 19:28

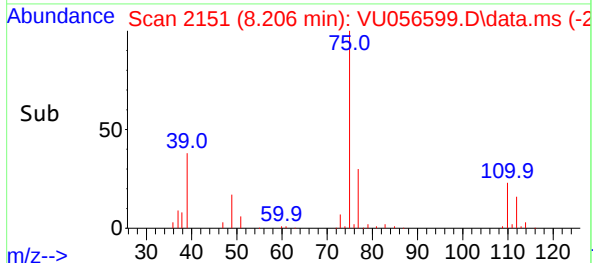
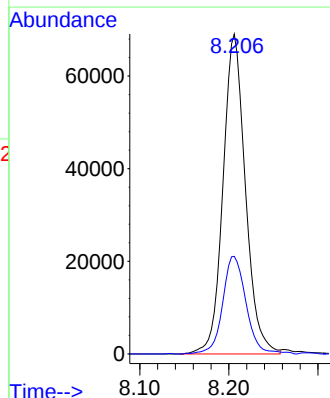
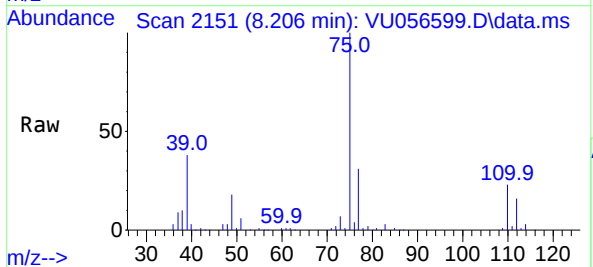
Instrument :
MSVOA_U
ClientSampleId :

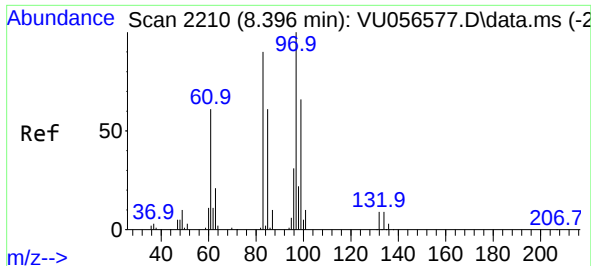
Tgt Ion: 91 Resp: 392373
Ion Ratio Lower Upper
91 100
92 58.6 40.6 75.4



#44
trans-1,3-Dichloropropene
Concen: 5.261 ug/L
RT: 8.206 min Scan# 2151
Delta R.T. -0.000 min
Lab File: VU056599.D
Acq: 22 Nov 2023 19:28

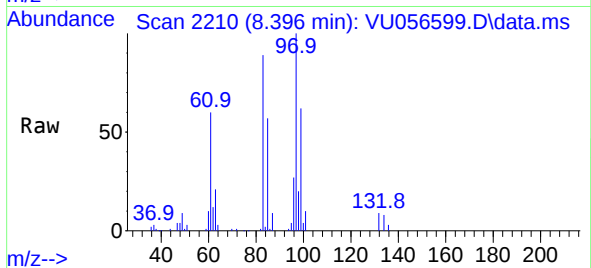
Tgt Ion: 75 Resp: 120788
Ion Ratio Lower Upper
75 100
77 30.5 22.8 42.4



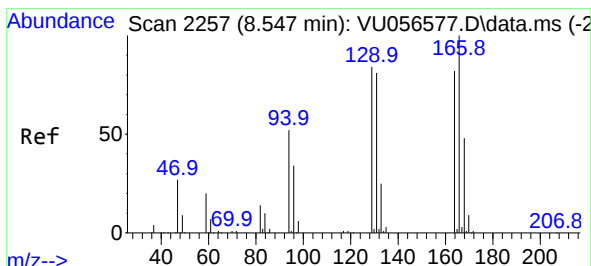
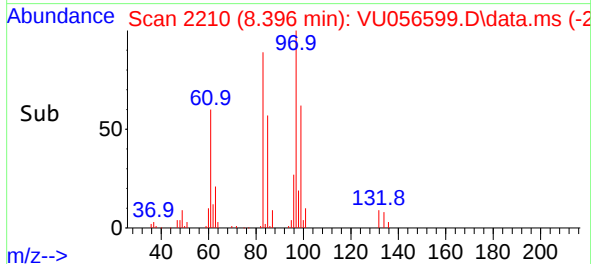
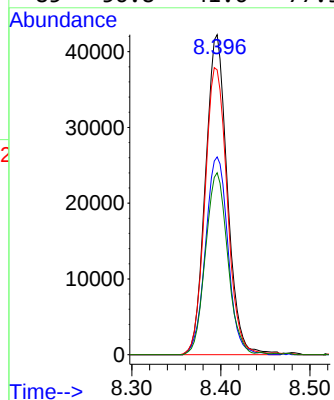


#45
1,1,2-Trichloroethane
Concen: 5.517 ug/L
RT: 8.396 min Scan# 2210
Delta R.T. 0.003 min
Lab File: VU056599.D
Acq: 22 Nov 2023 19:28

Instrument :
MSVOA_U
ClientSampleId :

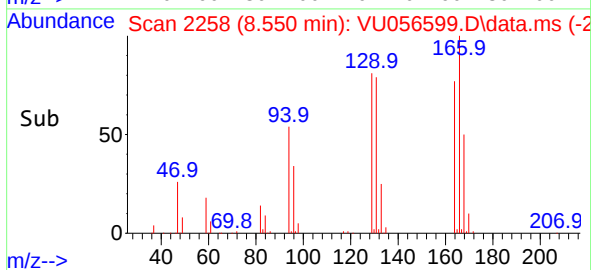
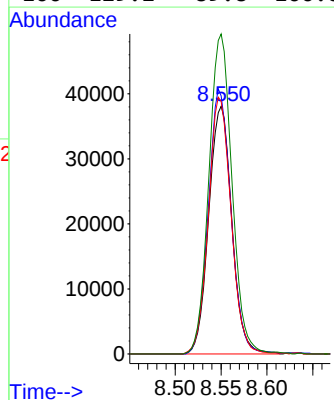
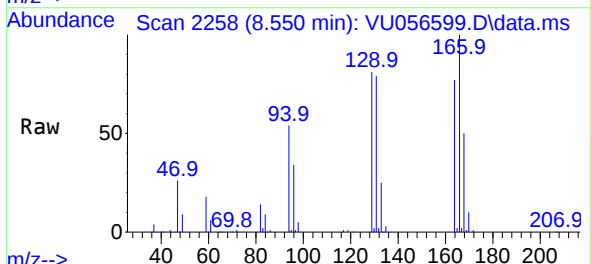


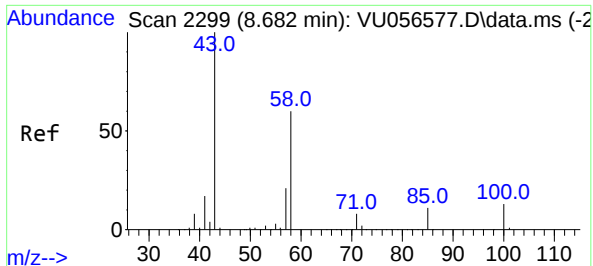
Tgt Ion:	97	Resp:	72019
Ion	Ratio	Lower	Upper
97	100		
99	61.8	44.3	82.3
83	89.0	65.4	121.4
85	56.8	41.6	77.3



#47
Tetrachloroethene
Concen: 4.819 ug/L
RT: 8.550 min Scan# 2258
Delta R.T. 0.003 min
Lab File: VU056599.D
Acq: 22 Nov 2023 19:28

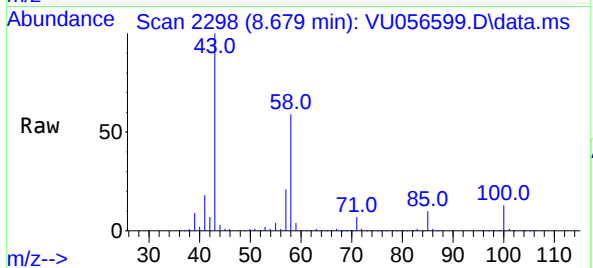
Tgt Ion:	164	Resp:	66548
Ion	Ratio	Lower	Upper
164	100		
129	104.2	71.0	131.9
131	102.0	70.3	130.7
166	129.2	89.8	166.8



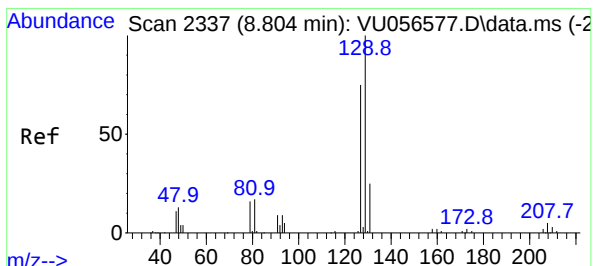
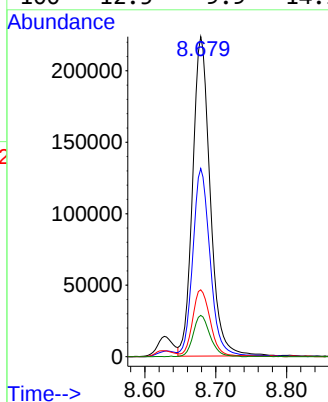
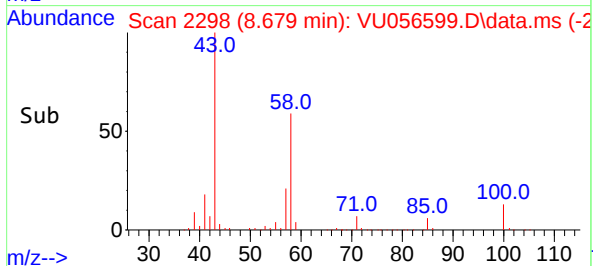


#48
2-Hexanone
Concen: 50.805 ug/L
RT: 8.679 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU056599.D
Acq: 22 Nov 2023 19:28

Instrument :
MSVOA_U
ClientSampleId :

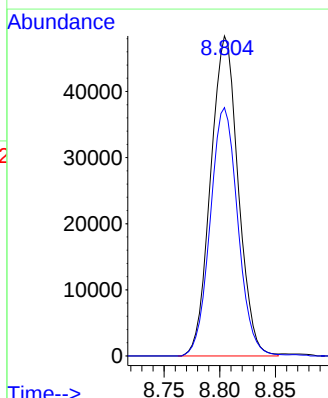
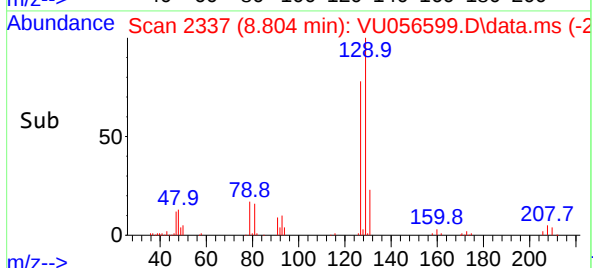
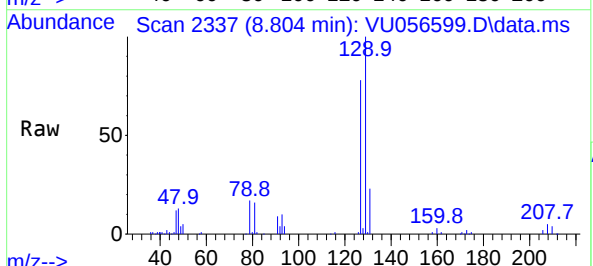


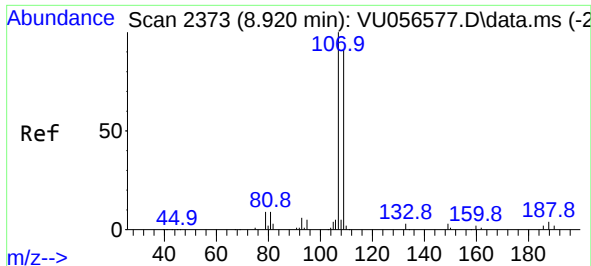
Tgt Ion: 43 Resp: 384573
Ion Ratio Lower Upper
43 100
58 58.6 48.7 73.1
57 21.1 16.8 25.2
100 12.5 9.9 14.9



#49
Dibromochloromethane
Concen: 5.617 ug/L
RT: 8.804 min Scan# 2337
Delta R.T. -0.000 min
Lab File: VU056599.D
Acq: 22 Nov 2023 19:28

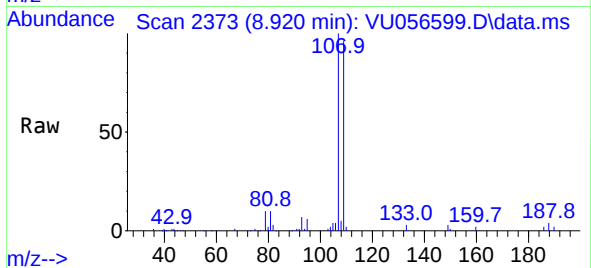
Tgt Ion: 129 Resp: 83379
Ion Ratio Lower Upper
129 100
127 77.6 52.9 98.3



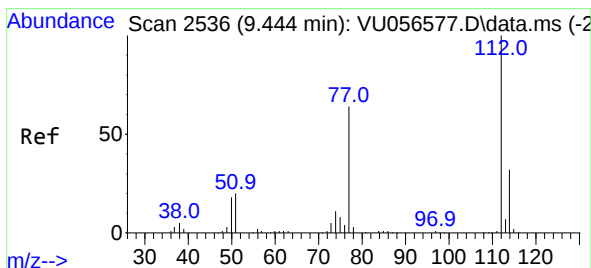
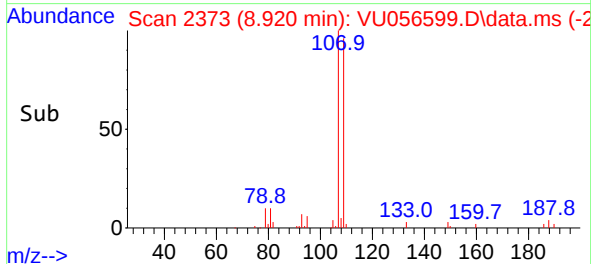
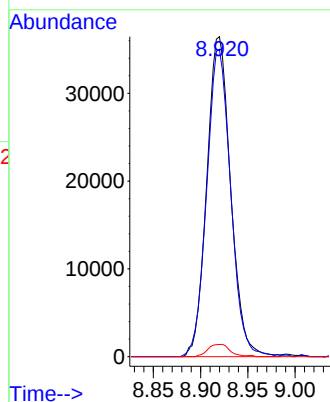


#50
1,2-Dibromoethane
Concen: 5.198 ug/L
RT: 8.920 min Scan# 21
Delta R.T. 0.003 min
Lab File: VU056599.D
Acq: 22 Nov 2023 19:28

Instrument :
MSVOA_U
ClientSampleId :

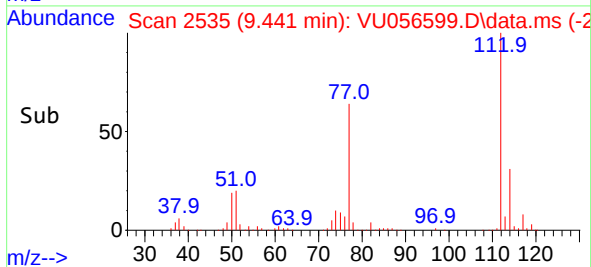
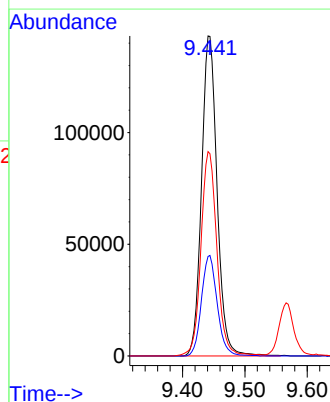
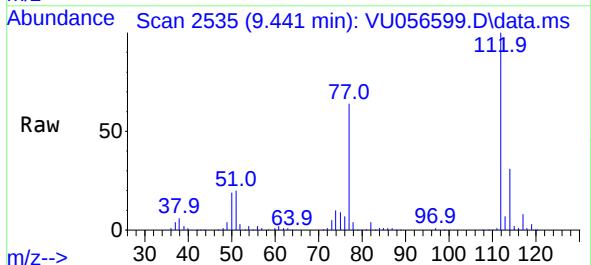


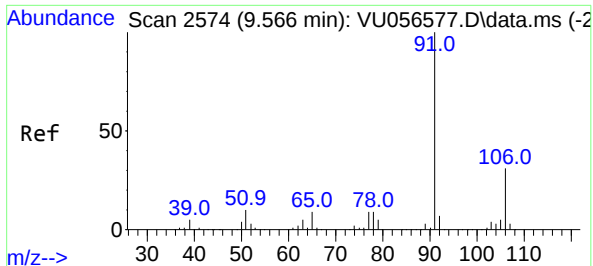
Tgt Ion:107 Resp: 64061
Ion Ratio Lower Upper
107 100
109 96.1 64.2 119.2
188 3.8 2.6 4.0



#51
Chlorobenzene
Concen: 4.973 ug/L
RT: 9.441 min Scan# 2535
Delta R.T. -0.000 min
Lab File: VU056599.D
Acq: 22 Nov 2023 19:28

Tgt Ion:112 Resp: 248676
Ion Ratio Lower Upper
112 100
114 31.1 22.5 41.7
77 63.9 51.7 77.5

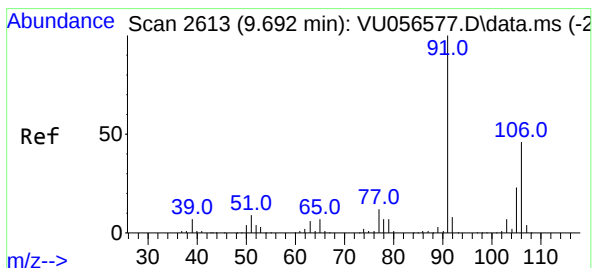
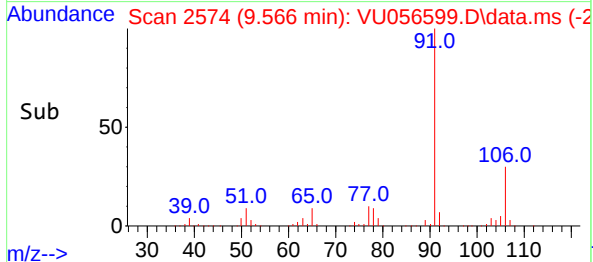
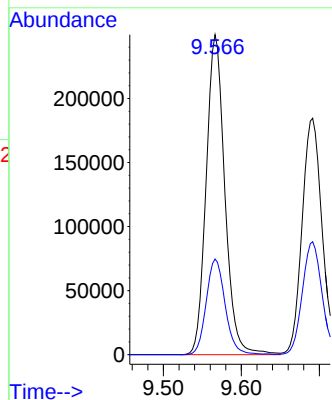
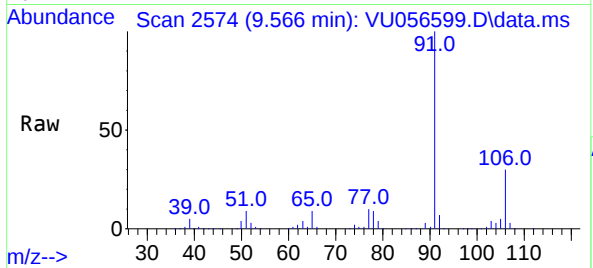




#52
Ethylbenzene
Concen: 4.811 ug/L
RT: 9.566 min Scan# 2574
Delta R.T. -0.000 min
Lab File: VU056599.D
Acq: 22 Nov 2023 19:28

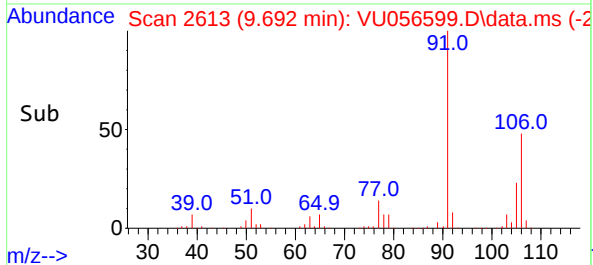
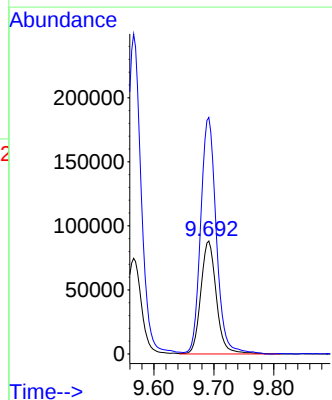
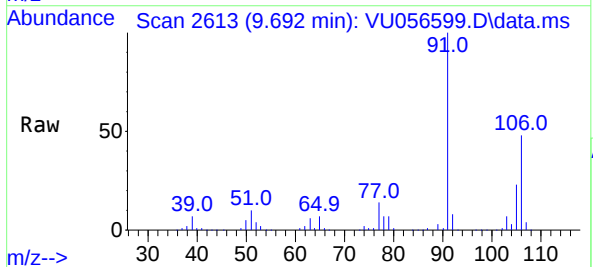
Instrument :
MSVOA_U
ClientSampleId :

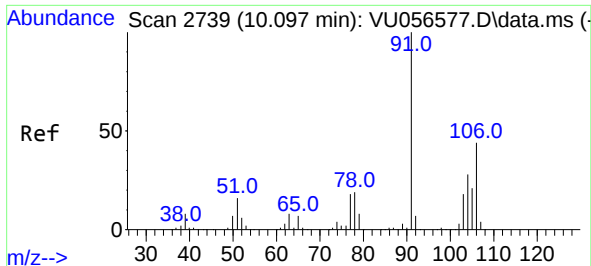
Tgt Ion: 91 Resp: 415695
Ion Ratio Lower Upper
91 100
106 29.9 21.1 39.1



#53
m,p-Xylene
Concen: 5.014 ug/L
RT: 9.692 min Scan# 2613
Delta R.T. 0.003 min
Lab File: VU056599.D
Acq: 22 Nov 2023 19:28

Tgt Ion:106 Resp: 159293
Ion Ratio Lower Upper
106 100
91 209.4 149.6 277.8

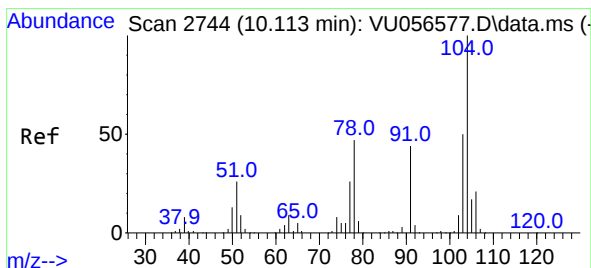
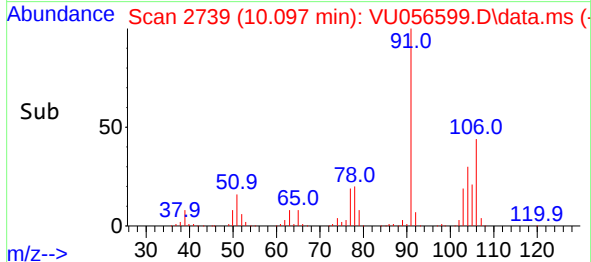
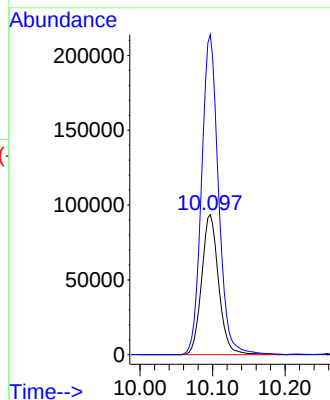
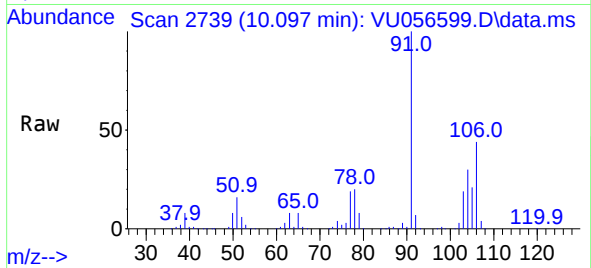




#54
o-Xylene
Concen: 4.938 ug/L
RT: 10.097 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU056599.D
Acq: 22 Nov 2023 19:28

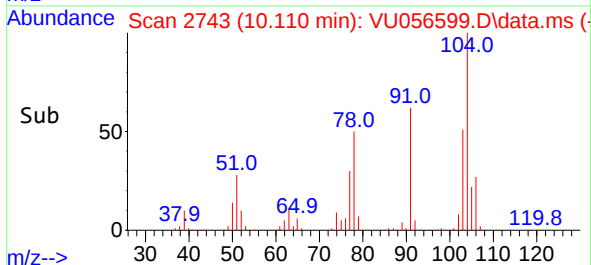
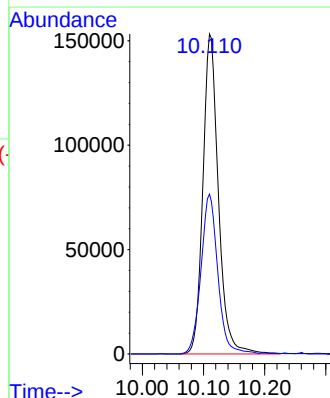
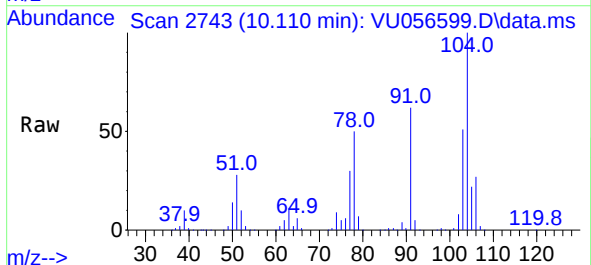
Instrument :
MSVOA_U
ClientSampleId :

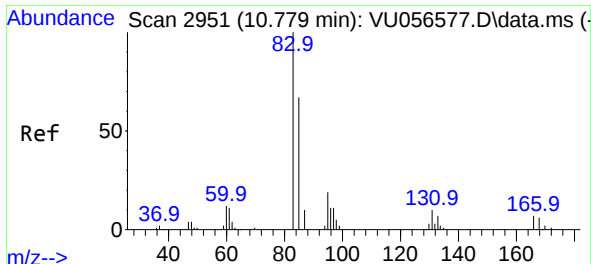
Tgt Ion:106 Resp: 152371
Ion Ratio Lower Upper
106 100
91 228.5 159.3 295.9



#55
Styrene
Concen: 5.259 ug/L
RT: 10.110 min Scan# 2743
Delta R.T. -0.000 min
Lab File: VU056599.D
Acq: 22 Nov 2023 19:28

Tgt Ion:104 Resp: 269916
Ion Ratio Lower Upper
104 100
78 49.9 34.2 63.6

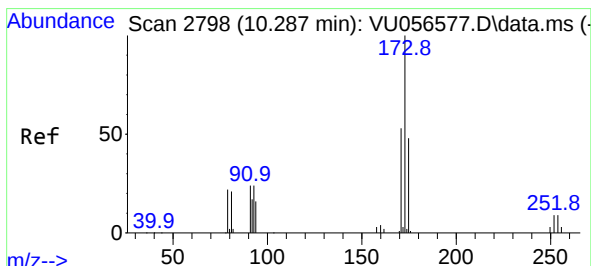
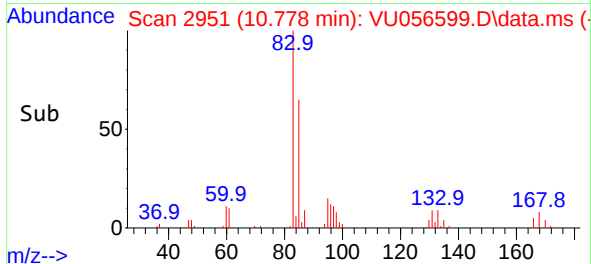
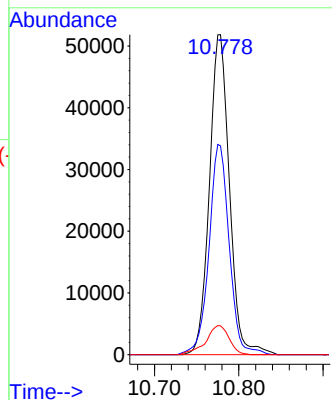
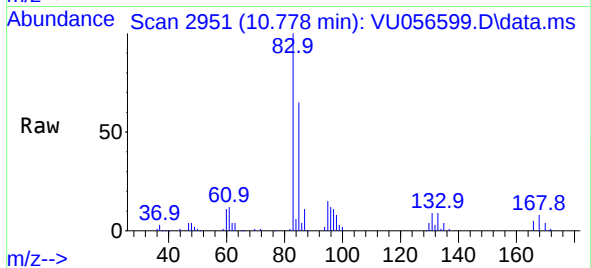




#57
1,1,2,2-Tetrachloroethane
Concen: 5.366 ug/L
RT: 10.778 min Scan# 2951
Delta R.T. 0.003 min
Lab File: VU056599.D
Acq: 22 Nov 2023 19:28

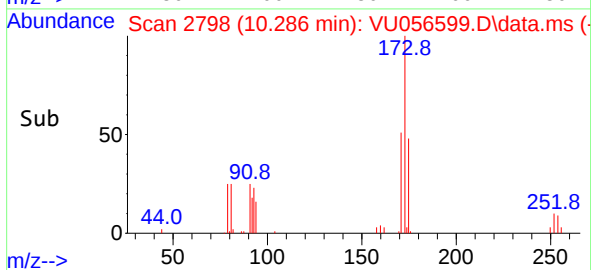
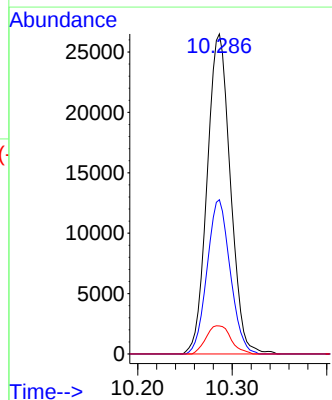
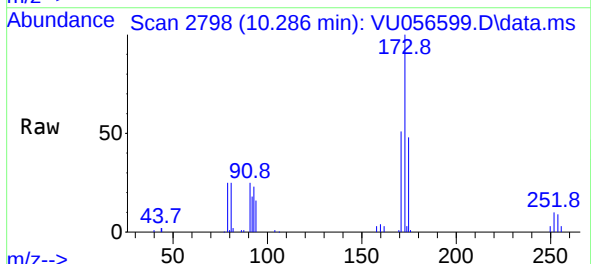
Instrument :
MSVOA_U
ClientSampleId :

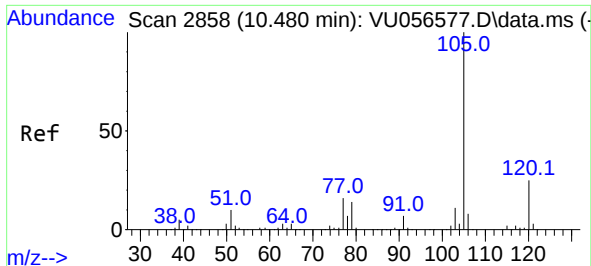
Tgt Ion: 83 Resp: 85532
Ion Ratio Lower Upper
83 100
85 65.2 46.3 86.1
131 9.0 6.7 10.1



#59
Bromoform
Concen: 5.168 ug/L
RT: 10.286 min Scan# 2798
Delta R.T. 0.003 min
Lab File: VU056599.D
Acq: 22 Nov 2023 19:28

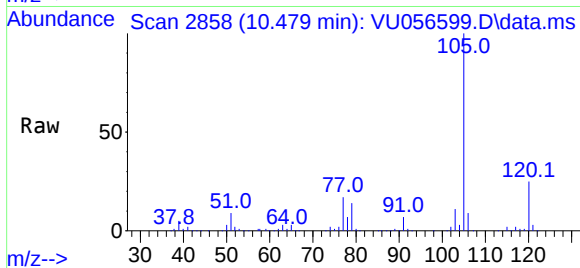
Tgt Ion: 173 Resp: 45141
Ion Ratio Lower Upper
173 100
175 48.0 38.9 58.3
254 9.4 6.7 10.1



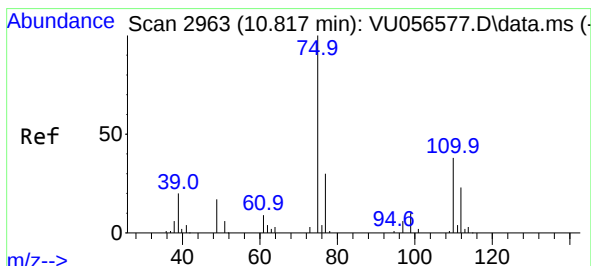
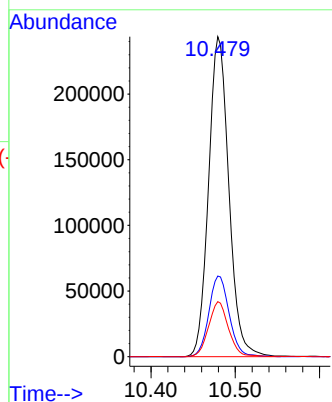
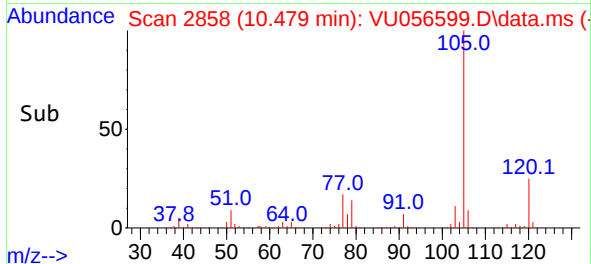


#60
Isopropylbenzene
Concen: 4.509 ug/L
RT: 10.479 min Scan# 2858
Delta R.T. -0.000 min
Lab File: VU056599.D
Acq: 22 Nov 2023 19:28

Instrument :
MSVOA_U
ClientSampleId :

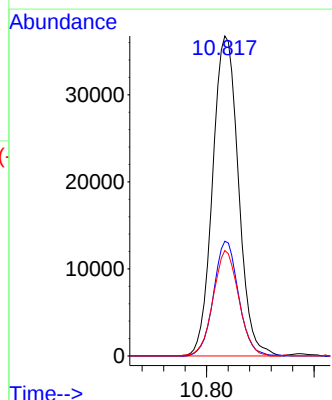
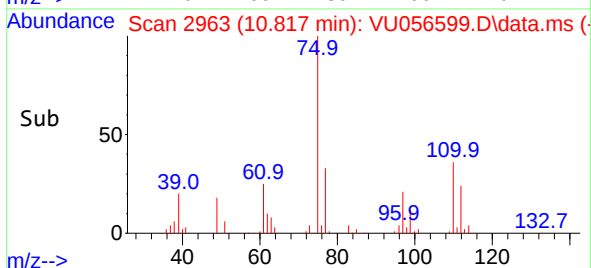
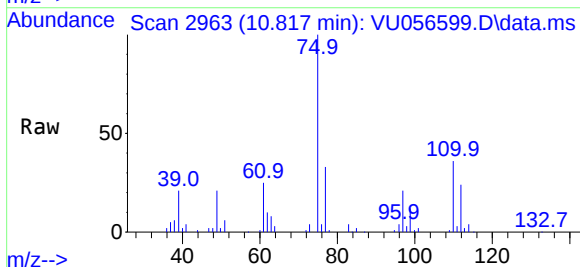


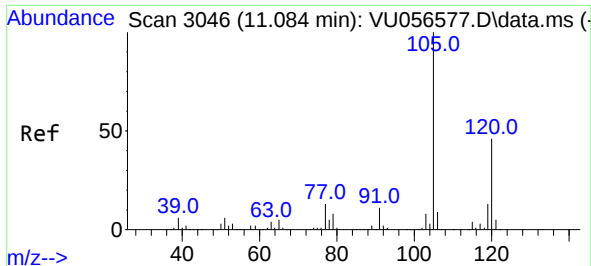
Tgt Ion:105 Resp: 407755
Ion Ratio Lower Upper
105 100
120 25.3 20.4 30.6
77 16.9 13.3 19.9



#61
1,2,3-Trichloropropane
Concen: 5.088 ug/L
RT: 10.817 min Scan# 2963
Delta R.T. -0.000 min
Lab File: VU056599.D
Acq: 22 Nov 2023 19:28

Tgt Ion: 75 Resp: 61218
Ion Ratio Lower Upper
75 100
110 34.7 30.4 45.6
77 32.8 27.0 40.6

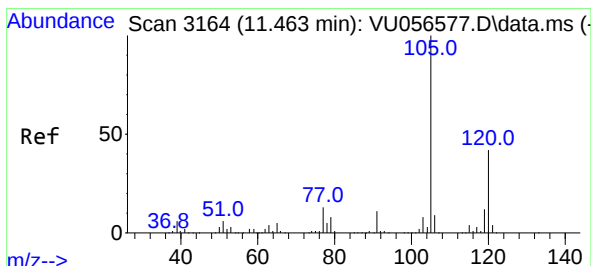
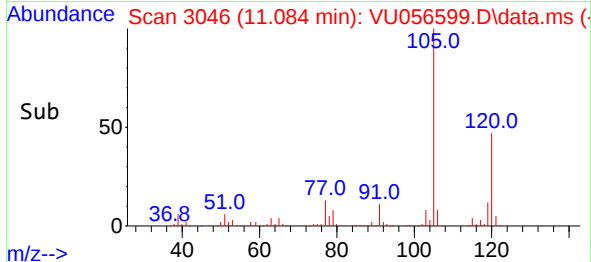
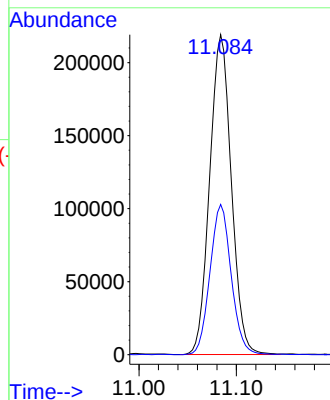
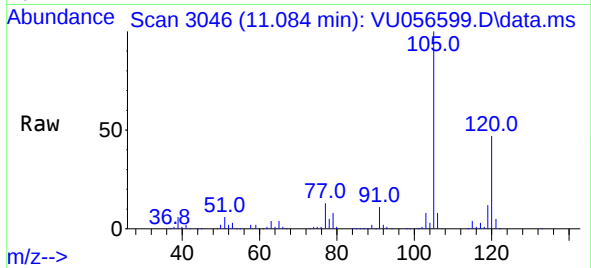




#62
1,3,5-Trimethylbenzene
Concen: 4.556 ug/L
RT: 11.084 min Scan# 3046
Delta R.T. 0.003 min
Lab File: VU056599.D
Acq: 22 Nov 2023 19:28

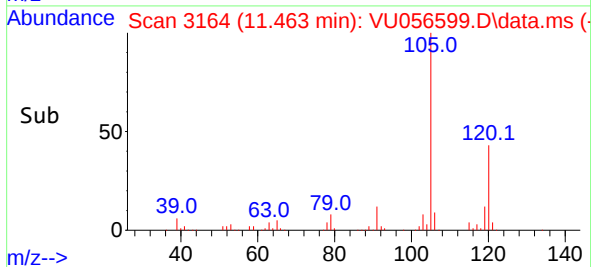
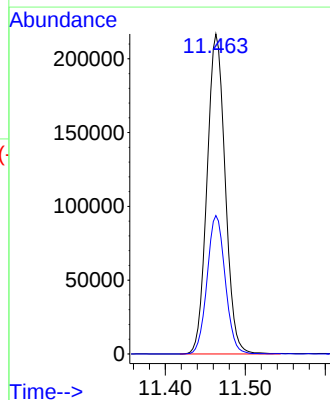
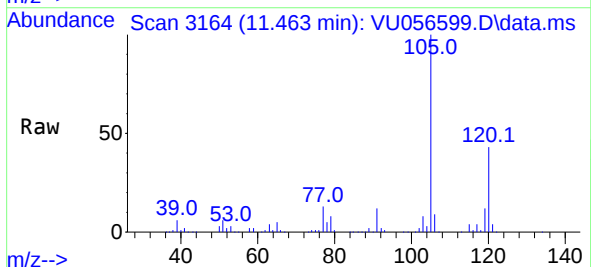
Instrument :
MSVOA_U
ClientSampleId :

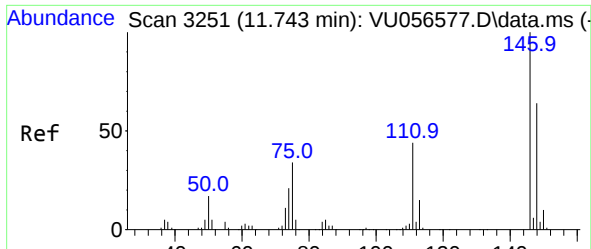
Tgt Ion:105 Resp: 338300
Ion Ratio Lower Upper
105 100
120 46.1 37.2 55.8



#63
1,2,4-Trimethylbenzene
Concen: 4.673 ug/L
RT: 11.463 min Scan# 3164
Delta R.T. 0.003 min
Lab File: VU056599.D
Acq: 22 Nov 2023 19:28

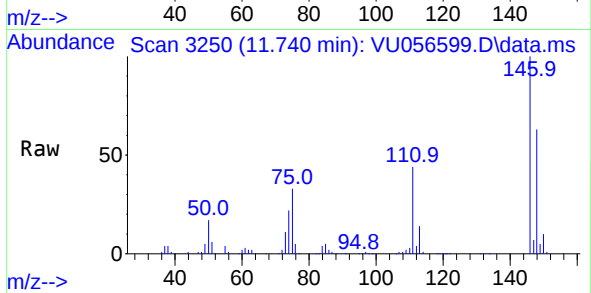
Tgt Ion:105 Resp: 342493
Ion Ratio Lower Upper
105 100
120 43.2 34.0 51.0



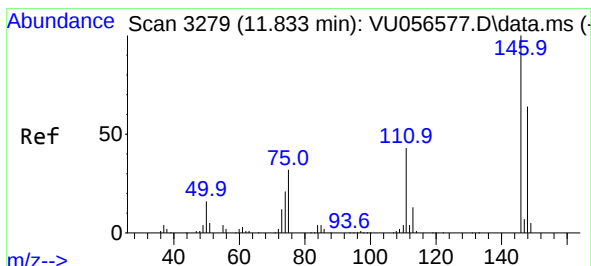
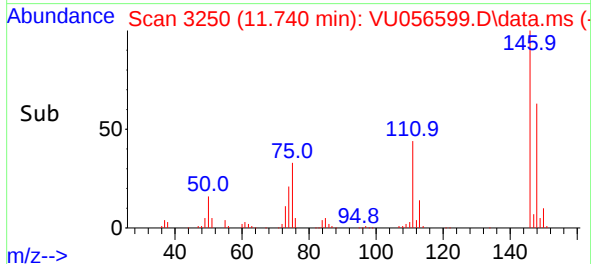
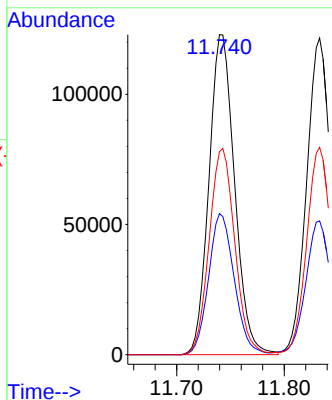


#64
1,3-Dichlorobenzene
Concen: 4.952 ug/L
RT: 11.740 min Scan# 31
Delta R.T. -0.000 min
Lab File: VU056599.D
Acq: 22 Nov 2023 19:28

Instrument :
MSVOA_U
ClientSampleId :

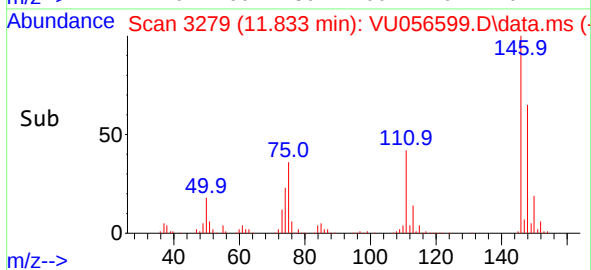
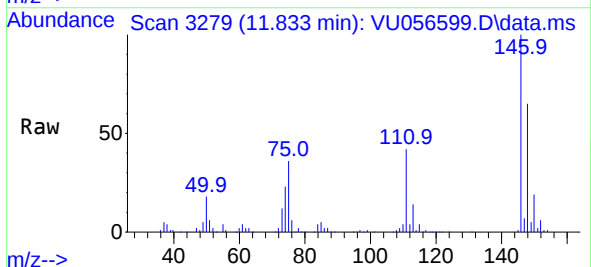
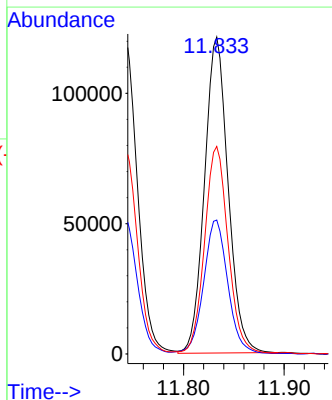


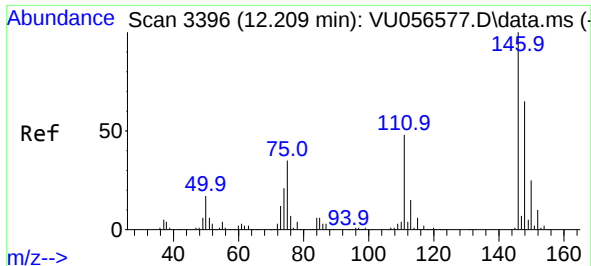
Tgt Ion:146 Resp: 203715
Ion Ratio Lower Upper
146 100
111 44.1 31.1 57.7
148 63.4 45.1 83.9



#65
1,4-Dichlorobenzene
Concen: 4.798 ug/L
RT: 11.833 min Scan# 3279
Delta R.T. 0.003 min
Lab File: VU056599.D
Acq: 22 Nov 2023 19:28

Tgt Ion:146 Resp: 198010
Ion Ratio Lower Upper
146 100
111 42.2 30.5 56.7
148 65.5 44.8 83.2





#67

1,2-Dichlorobenzene

Concen: 4.910 ug/L

RT: 12.206 min Scan# 31

Delta R.T. -0.000 min

Lab File: VU056599.D

Acq: 22 Nov 2023 19:28

Instrument :

MSVOA_U

ClientSampleId :

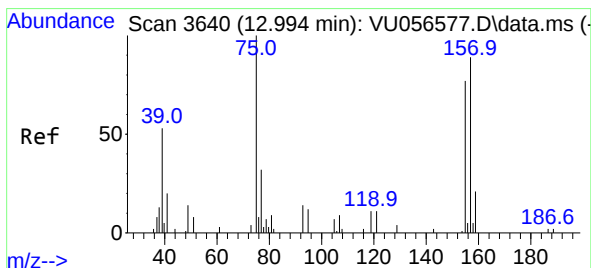
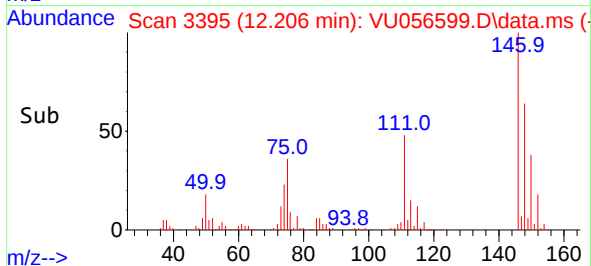
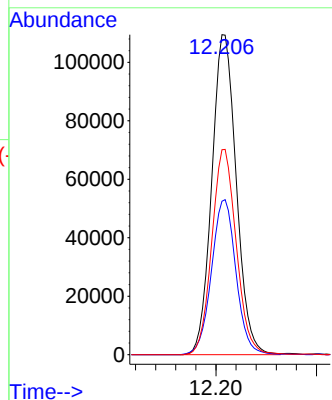
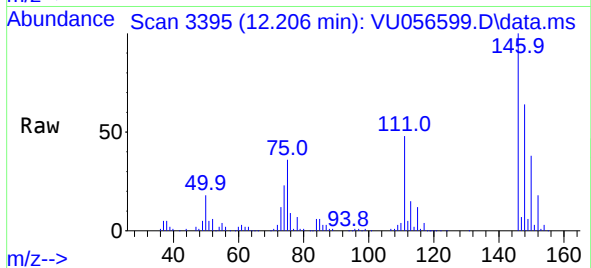
Tgt Ion:146 Resp: 185322

Ion Ratio Lower Upper

146 100

111 48.0 38.3 57.5

148 64.1 52.2 78.4



#68

1,2-Dibromo-3-chloropropane

Concen: 4.609 ug/L

RT: 12.990 min Scan# 3639

Delta R.T. -0.000 min

Lab File: VU056599.D

Acq: 22 Nov 2023 19:28

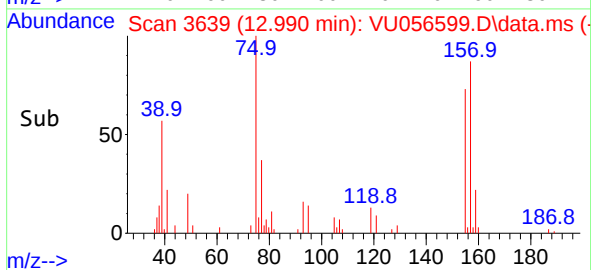
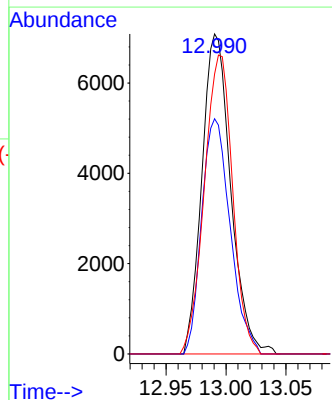
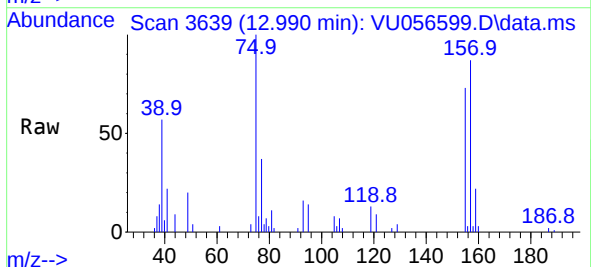
Tgt Ion: 75 Resp: 11845

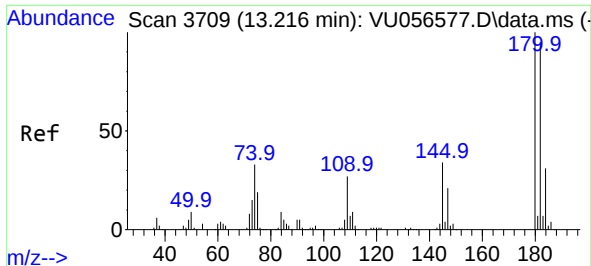
Ion Ratio Lower Upper

75 100

155 73.5 62.4 93.6

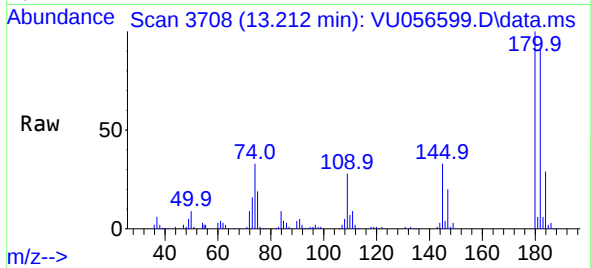
157 87.5 80.2 120.2



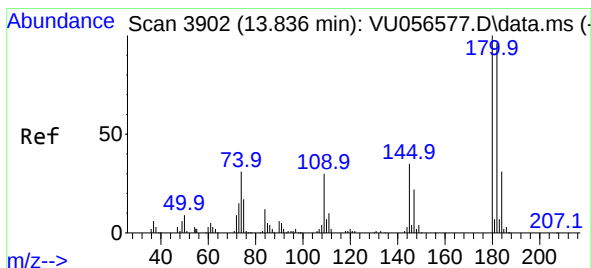
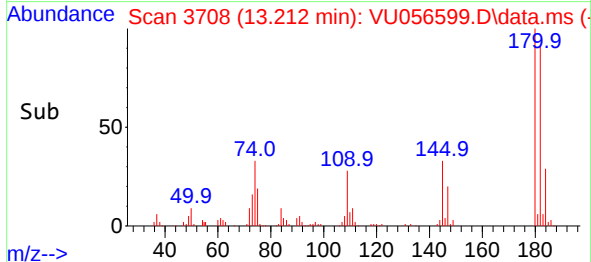
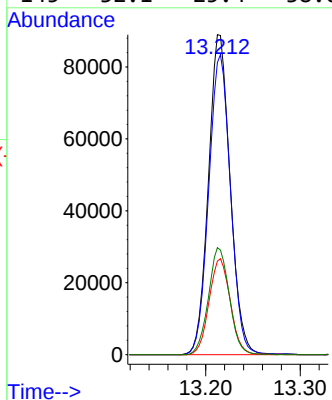


#69
1,3,5-Trichlorobenzene
Concen: 4.586 ug/L
RT: 13.212 min Scan# 31
Delta R.T. -0.000 min
Lab File: VU056599.D
Acq: 22 Nov 2023 19:28

Instrument :
MSVOA_U
ClientSampleId :

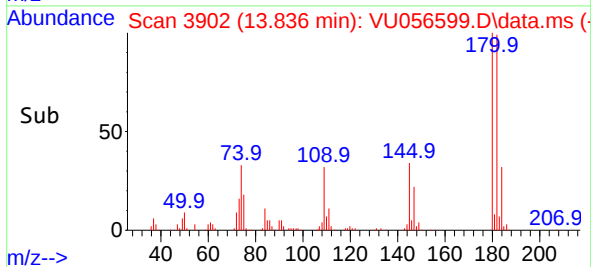
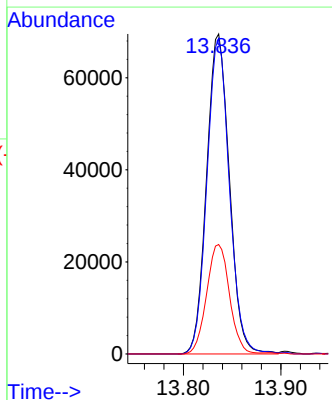
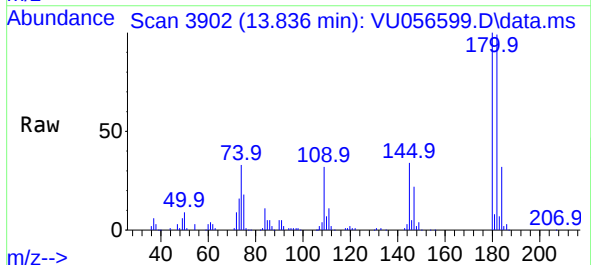


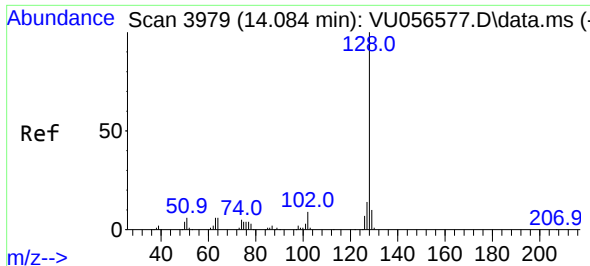
Tgt Ion:180 Resp: 142059
Ion Ratio Lower Upper
180 100
182 93.9 75.1 112.7
184 29.3 23.5 35.3
145 32.1 25.4 38.0



#70
1,2,4-trichlorobenzene
Concen: 4.477 ug/L
RT: 13.836 min Scan# 3902
Delta R.T. 0.003 min
Lab File: VU056599.D
Acq: 22 Nov 2023 19:28

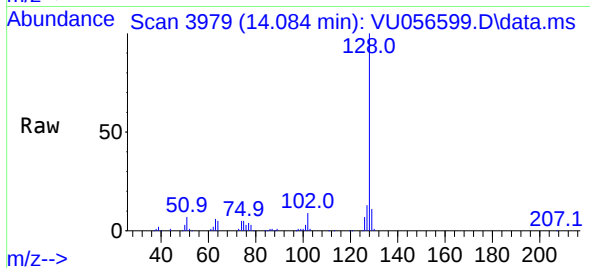
Tgt Ion:180 Resp: 112944
Ion Ratio Lower Upper
180 100
182 97.3 75.4 113.2
145 34.3 26.8 40.2



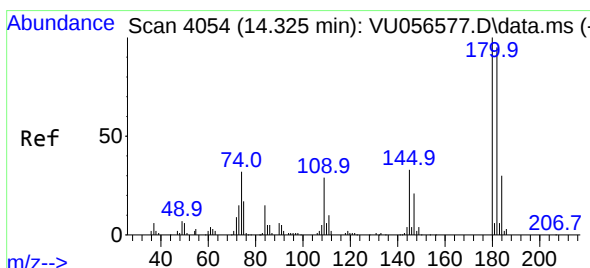
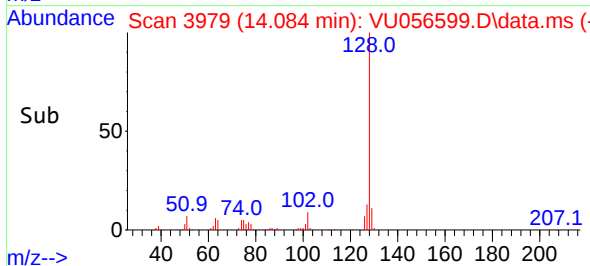
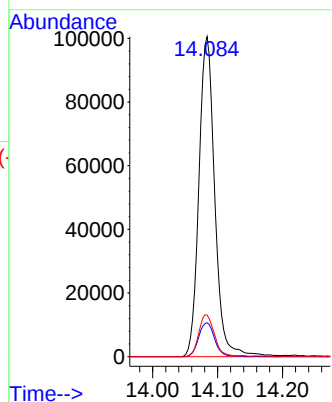


#71
Naphthalene
Concen: 4.491 ug/L
RT: 14.084 min Scan# 3979
Delta R.T. 0.003 min
Lab File: VU056599.D
Acq: 22 Nov 2023 19:28

Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion:128 Resp: 171166
Ion Ratio Lower Upper
128 100
129 10.7 8.6 12.8
127 12.9 10.3 15.5



#72
1,2,3-Trichlorobenzene
Concen: 4.911 ug/L
RT: 14.325 min Scan# 4054
Delta R.T. 0.003 min
Lab File: VU056599.D
Acq: 22 Nov 2023 19:28

Tgt Ion:180 Resp: 102057
Ion Ratio Lower Upper
180 100
182 93.9 78.6 117.8
145 34.9 29.0 43.6

