

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU112223\
 Data File : VU056577.D
 Acq On : 22 Nov 2023 09:02
 Operator : MD/SY
 Sample : VSTDCCC005
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Nov 23 03:41:03 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	6.245	114	285889	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	277212	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	140176	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	115037	5.380	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	= 107.600%	
7) Chloroethane-d5	1.908	69	78622	4.795	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	= 96.000%	
11) 1,1-Dichloroethene-d2	2.563	65	50113	5.310	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	= 106.200%	
20) 2-Butanone-d5	4.621	46	238851	56.017	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	= 112.040%	
24) Chloroform-d	5.055	84	218332	5.279	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	= 105.600%	
26) 1,2-Dichloroethane-d4	5.695	65	104835	5.485	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	= 109.800%	
32) Benzene-d6	5.721	84	408952	4.951	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	= 99.000%	
36) 1,2-Dichloropropane-d6	6.685	67	124965	5.020	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	= 100.400%	
41) Toluene-d8	7.894	98	377130	5.171	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	= 103.400%	
43) trans-1,3-Dichloroprop...	8.174	79	48571	5.088	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	= 101.800%	
46) 2-Hexanone-d5	8.631	63	206359	55.004	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	= 110.000%	
56) 1,1,2,2-Tetrachloroeth...	10.753	84	93006	5.229	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	= 104.600%	
66) 1,2-Dichlorobenzene-d4	12.190	152	125751	4.856	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	= 97.200%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.383	85	124553	5.499	ug/L	98
3) Chloromethane	1.515	50	116559	5.035	ug/L	98
5) Vinyl chloride	1.602	62	117301	5.260	ug/L	96
6) Bromomethane	1.853	94	56528	5.007	ug/L	92
8) Chloroethane	1.927	64	66720	4.897	ug/L	97
9) Trichlorofluoromethane	2.133	101	186179	5.793	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.576	101	114590	6.005	ug/L	100
12) 1,1-Dichloroethene	2.576	96	97945	5.597	ug/L	87
13) Acetone	2.631	43	191761	52.804	ug/L	99
14) Carbon disulfide	2.789	76	258575	4.540	ug/L	100
15) Methyl Acetate	2.946	43	35473	5.489	ug/L	99
16) Methylene chloride	3.039	84	124213	5.363	ug/L	99
17) Methyl tert-butyl Ether	3.354	73	240652	5.660	ug/L	99
18) trans-1,2-Dichloroethene	3.348	96	98946	5.495	ug/L	97
19) 1,1-Dichloroethane	3.862	63	206854	5.799	ug/L	98
21) 2-Butanone	4.702	43	255723	54.267	ug/L	98
22) cis-1,2-Dichloroethene	4.660	96	114036	5.584	ug/L	99
23) Bromochloromethane	4.968	128	47794	5.686	ug/L	93
25) Chloroform	5.081	83	221403	5.729	ug/L	95

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 ALS Vial : 1 Sample Multiplier: 1

Instrument :
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 ClientSampleId :

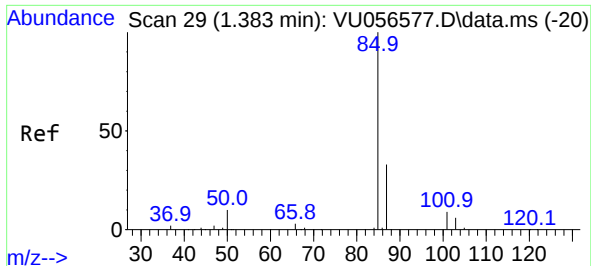
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 Quant Title : TRACE VOA SFAM1.0
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.788	62	129775	5.915	ug/L	100
29) 1,1,1-Trichloroethane	5.309	97	190167	5.976	ug/L	98
30) Cyclohexane	5.383	56	154159	5.104	ug/L	99
31) Carbon tetrachloride	5.518	117	161755	5.918	ug/L	97
33) Benzene	5.769	78	447479	5.657	ug/L	100
34) Trichloroethene	6.538	95	118604	5.503	ug/L	97
35) Methylcyclohexane	6.759	83	163883	5.267	ug/L	99
37) 1,2-Dichloropropane	6.785	63	118289	5.735	ug/L	100
38) Bromodichloromethane	7.100	83	151377	5.685	ug/L	100
39) cis-1,3-Dichloropropene	7.602	75	169303	5.586	ug/L	96
40) 4-Methyl-2-pentanone	7.788	43	588832	57.587	ug/L	99
42) Toluene	7.965	91	477459	5.830	ug/L	100
44) trans-1,3-Dichloropropene	8.206	75	142047	5.879	ug/L	99
45) 1,1,2-Trichloroethane	8.396	97	81143	5.907	ug/L	97
47) Tetrachloroethene	8.547	164	85456	5.880	ug/L	97
48) 2-Hexanone	8.682	43	452060	56.750	ug/L	98
49) Dibromochloromethane	8.804	129	94494	6.049	ug/L	100
50) 1,2-Dibromoethane	8.920	107	72375	5.581	ug/L	99
51) Chlorobenzene	9.444	112	300342	5.708	ug/L	100
52) Ethylbenzene	9.566	91	525524	5.779	ug/L	99
53) m,p-Xylene	9.692	106	200269	5.991	ug/L	96
54) o-Xylene	10.097	106	191422	5.895	ug/L	99
55) Styrene	10.113	104	332689	6.159	ug/L	97
57) 1,1,2,2-Tetrachloroethane	10.779	83	96383	5.746	ug/L	98
59) Bromoform	10.287	173	54110	6.197	ug/L	99
60) Isopropylbenzene	10.480	105	533273	5.899	ug/L	99
61) 1,2,3-Trichloropropane	10.817	75	70276	5.843	ug/L	98
62) 1,3,5-Trimethylbenzene	11.084	105	431442	5.813	ug/L	98
63) 1,2,4-Trimethylbenzene	11.463	105	433402	5.915	ug/L	99
64) 1,3-Dichlorobenzene	11.743	146	240706	5.853	ug/L	99
65) 1,4-Dichlorobenzene	11.833	146	233170	5.653	ug/L	99
67) 1,2-Dichlorobenzene	12.209	146	219579	5.820	ug/L	100
68) 1,2-Dibromo-3-chloropr...	12.994	75	13627	5.304	ug/L	93
69) 1,3,5-Trichlorobenzene	13.216	180	178154	5.754	ug/L	98
70) 1,2,4-trichlorobenzene	13.836	180	134463	5.332	ug/L	99
71) Naphthalene	14.084	128	188597	4.950	ug/L	99
72) 1,2,3-Trichlorobenzene	14.325	180	113440	5.461	ug/L	96

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

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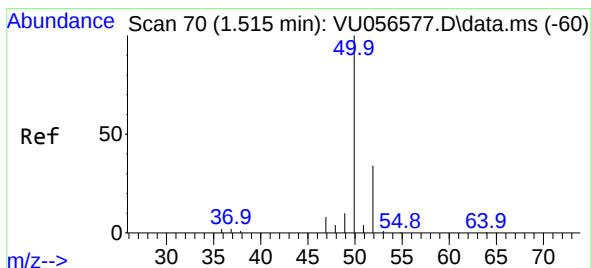
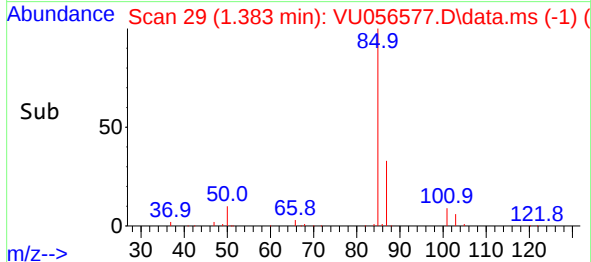
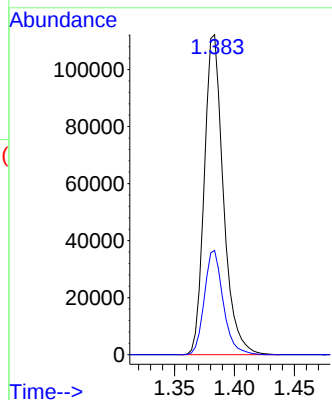
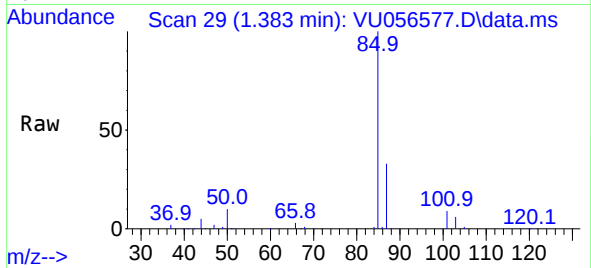




#2
Dichlorodifluoromethane
Concen: 5.499 ug/L
RT: 1.383 min Scan# 29
Delta R.T. 0.000 min
Lab File: VU056577.D
Acq: 22 Nov 2023 09:02

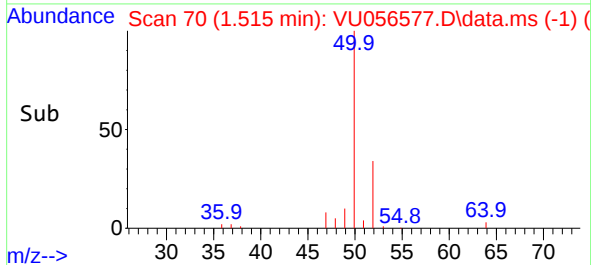
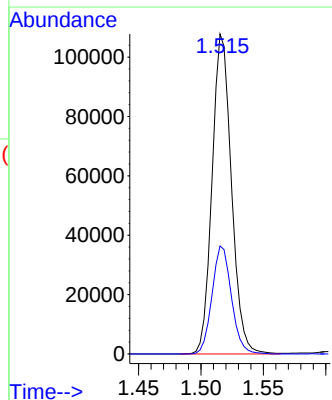
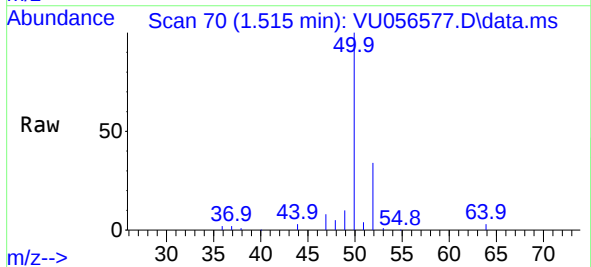
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MSVOA_U
ClientSampleId :

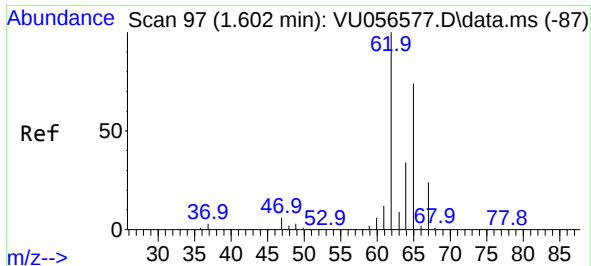
Tgt Ion: 85 Resp: 124553
Ion Ratio Lower Upper
85 100
87 32.2 25.0 37.4



#3
Chloromethane
Concen: 5.035 ug/L
RT: 1.515 min Scan# 70
Delta R.T. 0.000 min
Lab File: VU056577.D
Acq: 22 Nov 2023 09:02

Tgt Ion: 50 Resp: 116559
Ion Ratio Lower Upper
50 100
52 33.7 24.3 45.1

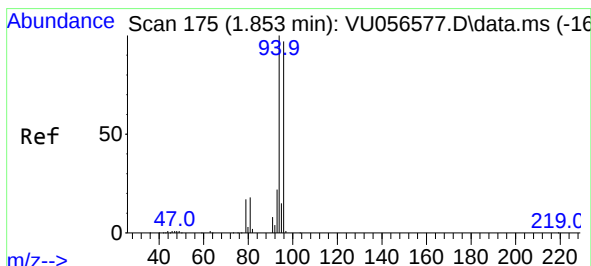
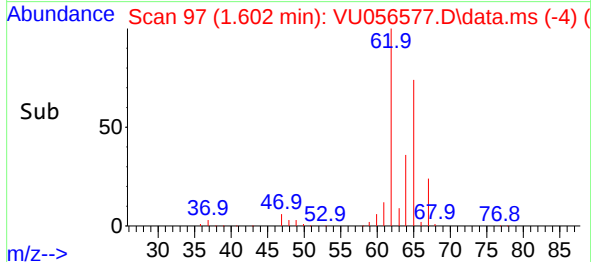
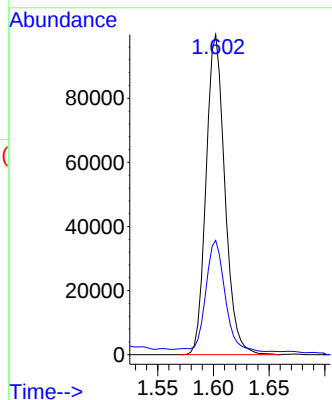
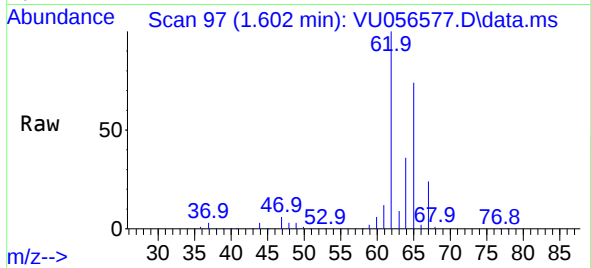




#5
 Vinyl chloride
 Concen: 5.260 ug/L
 RT: 1.602 min Scan# 91
 Delta R.T. 0.000 min
 Lab File: VU056577.D
 Acq: 22 Nov 2023 09:02

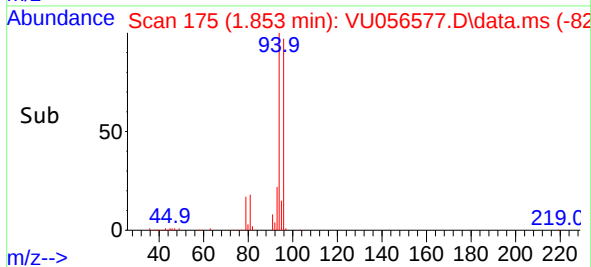
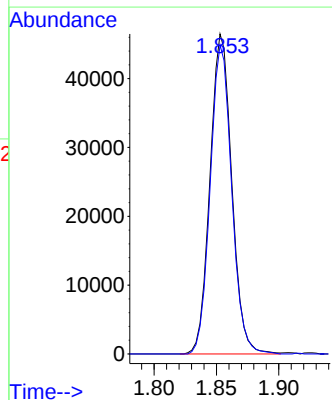
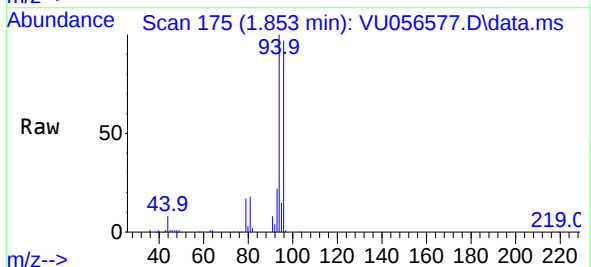
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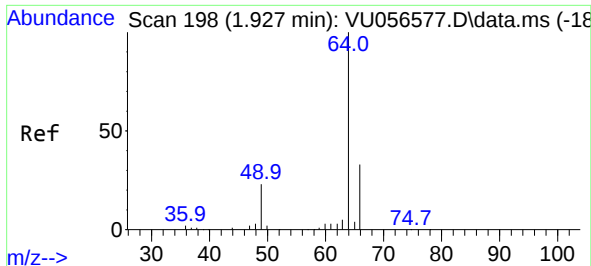
Tgt Ion: 62 Resp: 117301
 Ion Ratio Lower Upper
 62 100
 64 35.7 23.3 43.3



#6
 Bromomethane
 Concen: 5.007 ug/L
 RT: 1.853 min Scan# 175
 Delta R.T. 0.000 min
 Lab File: VU056577.D
 Acq: 22 Nov 2023 09:02

Tgt Ion: 94 Resp: 56528
 Ion Ratio Lower Upper
 94 100
 96 96.6 62.6 116.2

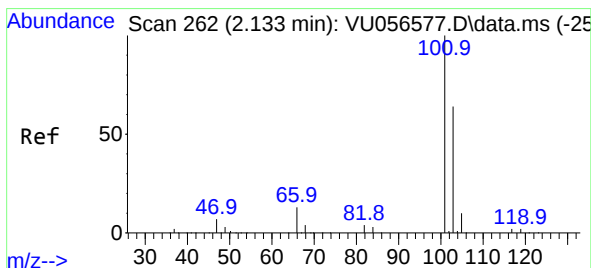
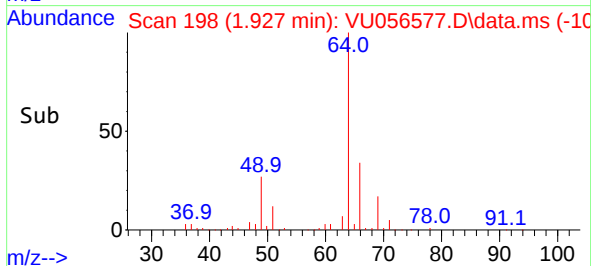
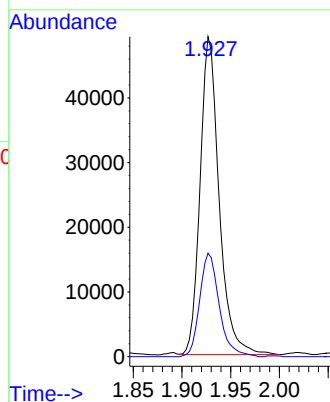
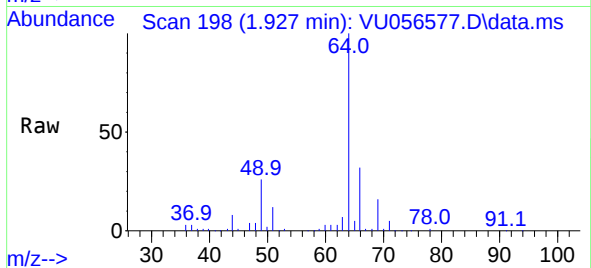




#8
Chloroethane
Concen: 4.897 ug/L
RT: 1.927 min Scan# 198
Delta R.T. -0.003 min
Lab File: VU056577.D
Acq: 22 Nov 2023 09:02

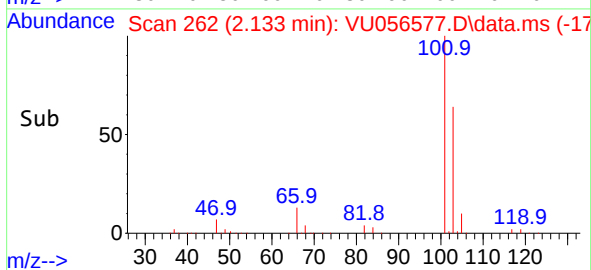
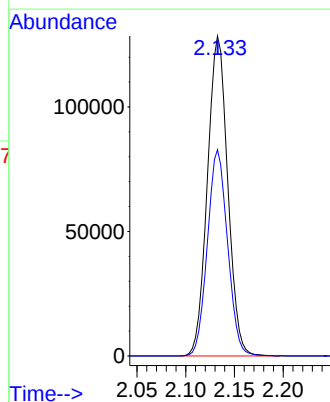
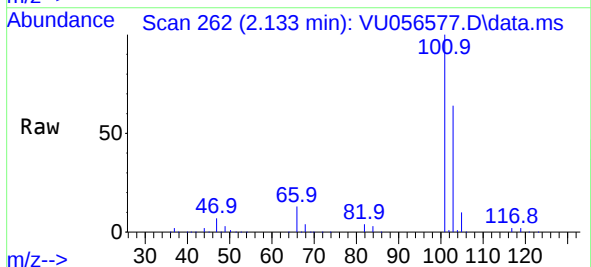
Instrument :
MSVOA_U
ClientSampleId :

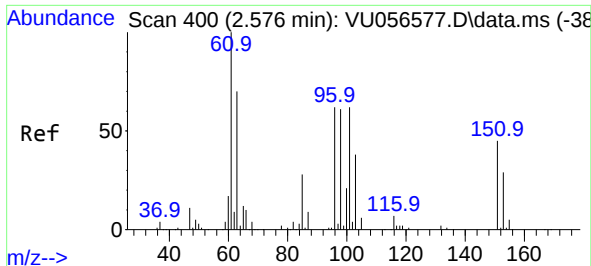
Tgt Ion: 64 Resp: 66720
Ion Ratio Lower Upper
64 100
66 32.4 23.9 44.5



#9
Trichlorofluoromethane
Concen: 5.793 ug/L
RT: 2.133 min Scan# 262
Delta R.T. -0.003 min
Lab File: VU056577.D
Acq: 22 Nov 2023 09:02

Tgt Ion:101 Resp: 186179
Ion Ratio Lower Upper
101 100
103 63.9 52.0 78.0

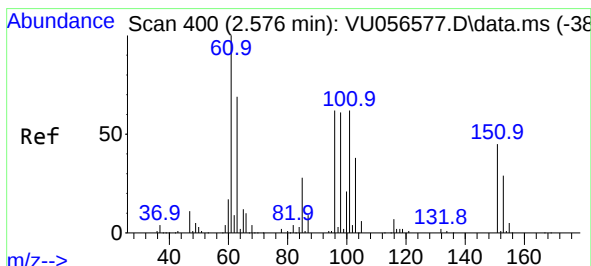
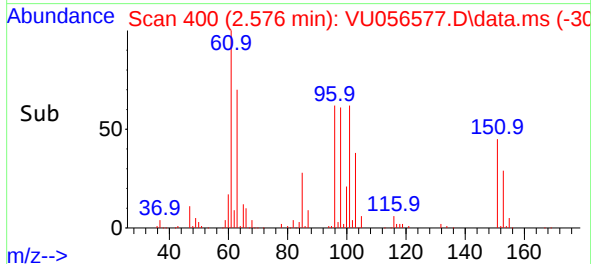
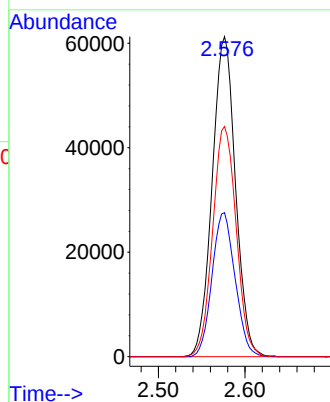
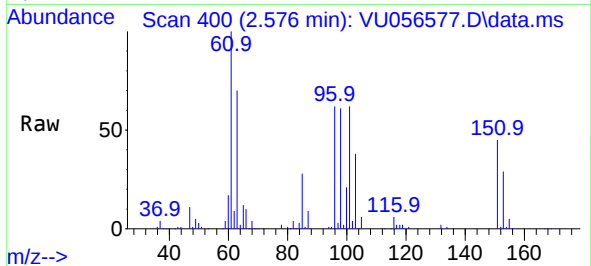




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 6.005 ug/L
RT: 2.576 min Scan# 400
Delta R.T. 0.000 min
Lab File: VU056577.D
Acq: 22 Nov 2023 09:02

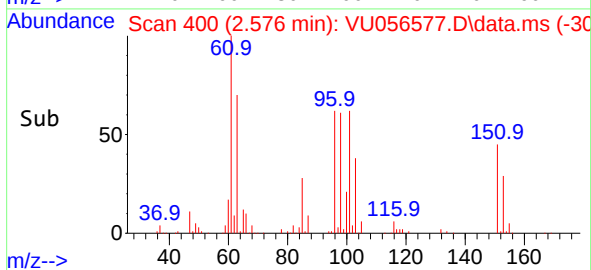
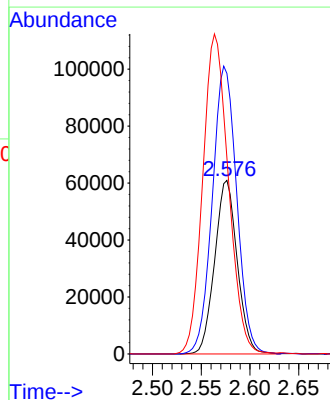
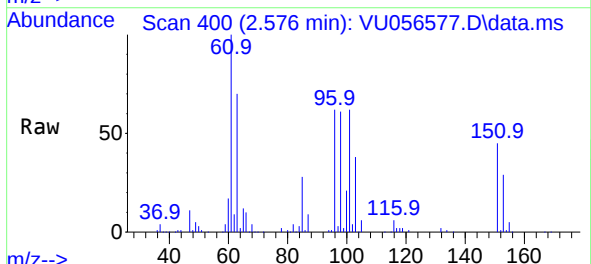
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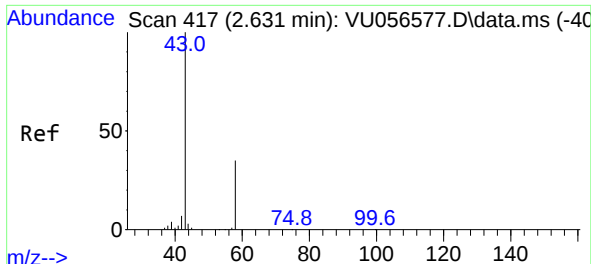
Tgt Ion:101 Resp: 114590
Ion Ratio Lower Upper
101 100
85 44.4 35.4 53.0
151 72.6 58.0 87.0



#12
1,1-Dichloroethene
Concen: 5.597 ug/L
RT: 2.576 min Scan# 400
Delta R.T. 0.000 min
Lab File: VU056577.D
Acq: 22 Nov 2023 09:02

Tgt Ion: 96 Resp: 97945
Ion Ratio Lower Upper
96 100
61 161.6 123.1 228.7
63 113.0 93.3 173.3

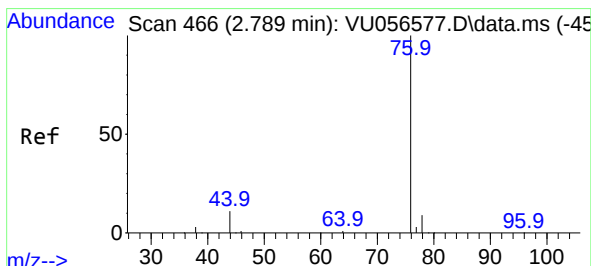
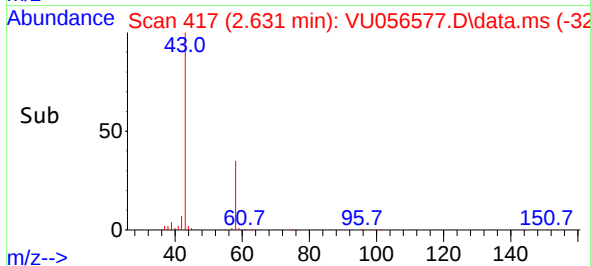
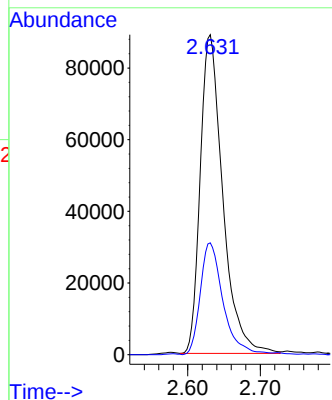
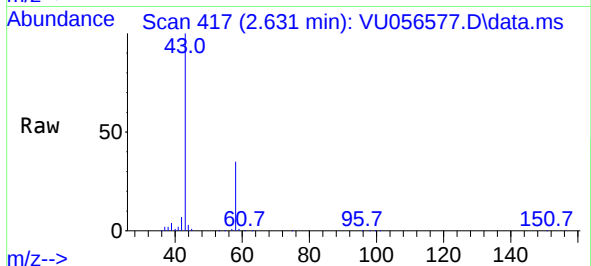




#13
Acetone
Concen: 52.804 ug/L
RT: 2.631 min Scan# 417
Delta R.T. 0.000 min
Lab File: VU056577.D
Acq: 22 Nov 2023 09:02

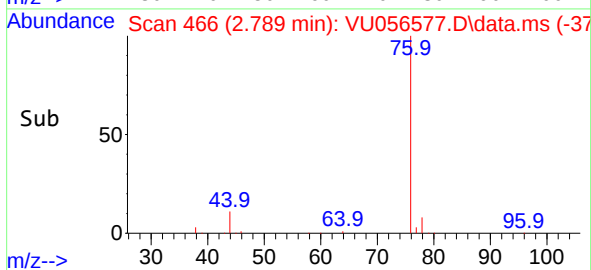
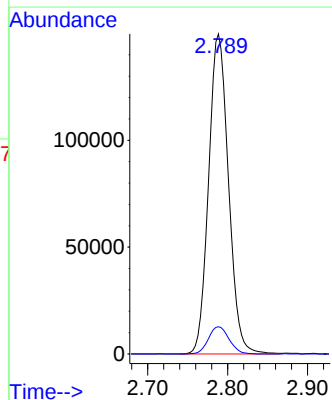
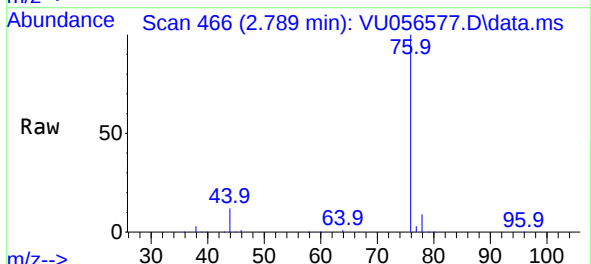
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MSVOA_U
ClientSampleId :

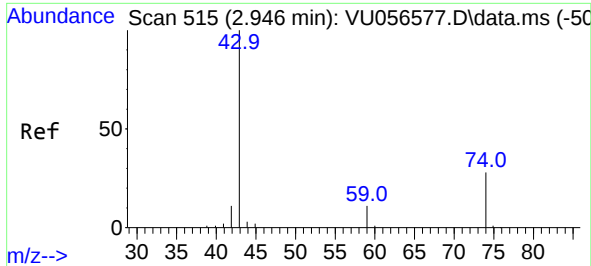
Tgt Ion: 43 Resp: 191761
Ion Ratio Lower Upper
43 100
58 35.5 0.0 70.0



#14
Carbon disulfide
Concen: 4.540 ug/L
RT: 2.789 min Scan# 466
Delta R.T. 0.000 min
Lab File: VU056577.D
Acq: 22 Nov 2023 09:02

Tgt Ion: 76 Resp: 258575
Ion Ratio Lower Upper
76 100
78 8.5 6.8 10.2





#15

Methyl Acetate

Concen: 5.489 ug/L

RT: 2.946 min Scan# 515

Delta R.T. 0.000 min

Lab File: VU056577.D

Acq: 22 Nov 2023 09:02

Instrument :

MSVOA_U

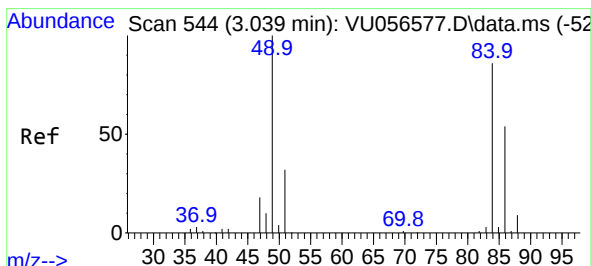
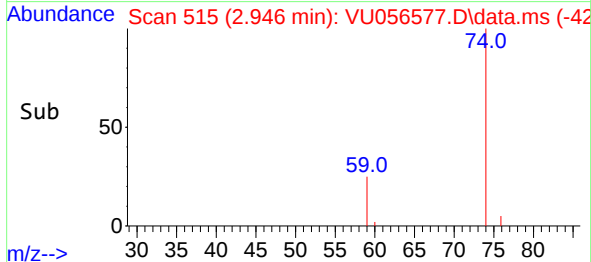
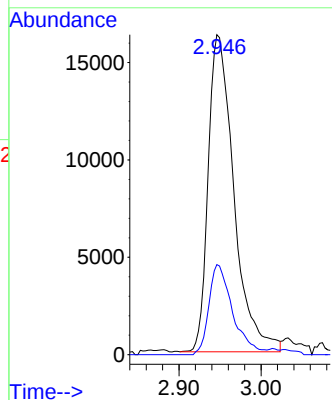
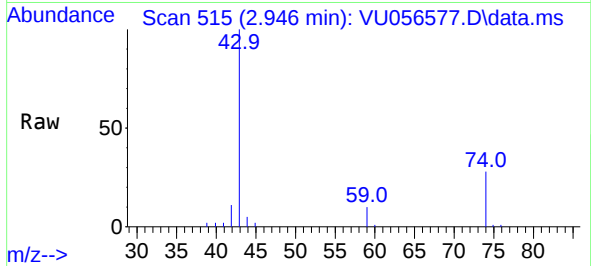
ClientSampleId :

Tgt Ion: 43 Resp: 35473

Ion Ratio Lower Upper

43 100

74 26.3 20.6 31.0



#16

Methylene chloride

Concen: 5.363 ug/L

RT: 3.039 min Scan# 544

Delta R.T. 0.000 min

Lab File: VU056577.D

Acq: 22 Nov 2023 09:02

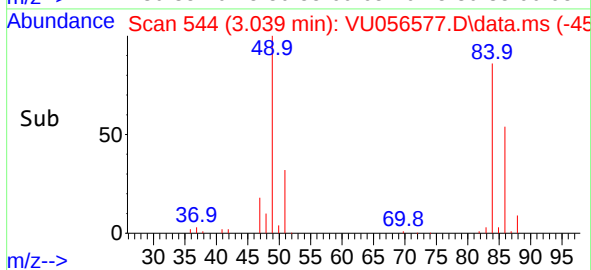
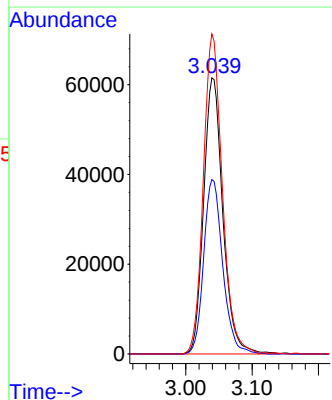
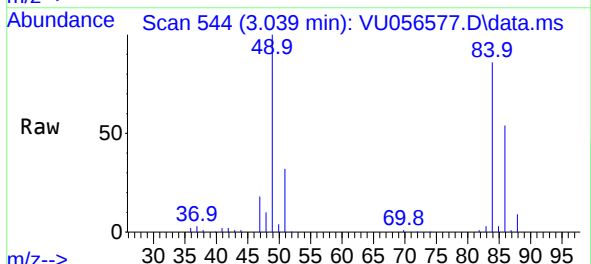
Tgt Ion: 84 Resp: 124213

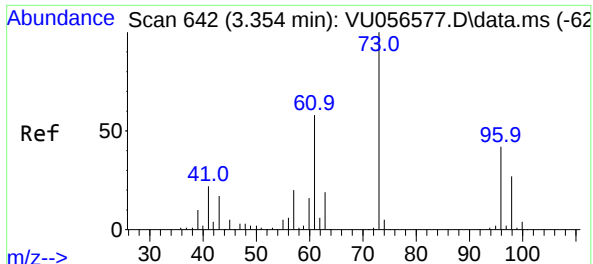
Ion Ratio Lower Upper

84 100

86 63.1 44.7 83.1

49 115.9 81.8 152.0





#17

Methyl tert-butyl Ether

Concen: 5.660 ug/L

RT: 3.354 min Scan# 642

Delta R.T. 0.000 min

Lab File: VU056577.D

Acq: 22 Nov 2023 09:02

Instrument :

MSVOA_U

ClientSampleId :

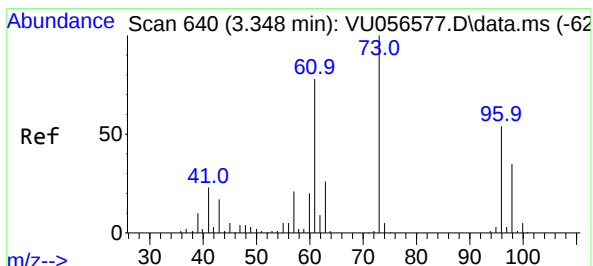
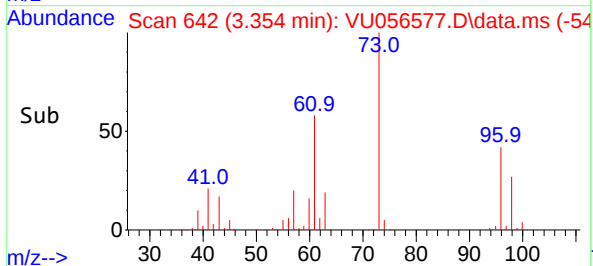
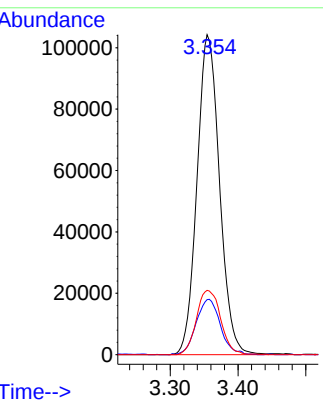
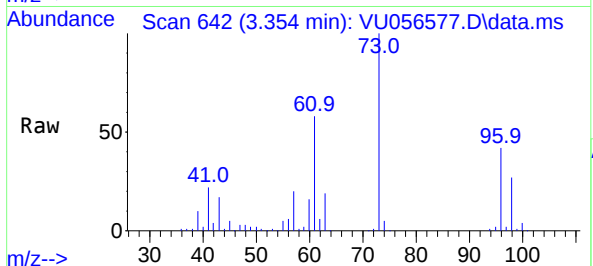
Tgt Ion: 73 Resp: 240652

Ion Ratio Lower Upper

73 100

43 18.6 15.1 22.7

57 21.6 17.8 26.8



#18

trans-1,2-Dichloroethene

Concen: 5.495 ug/L

RT: 3.348 min Scan# 640

Delta R.T. 0.000 min

Lab File: VU056577.D

Acq: 22 Nov 2023 09:02

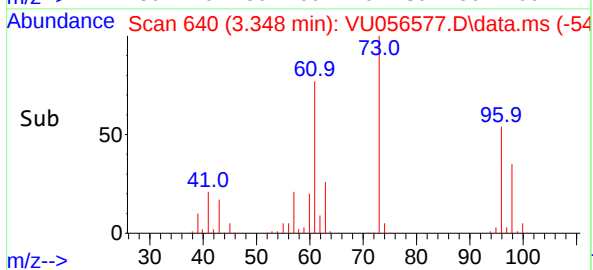
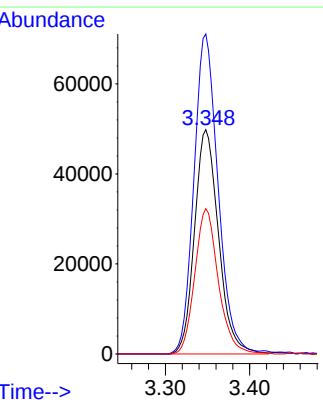
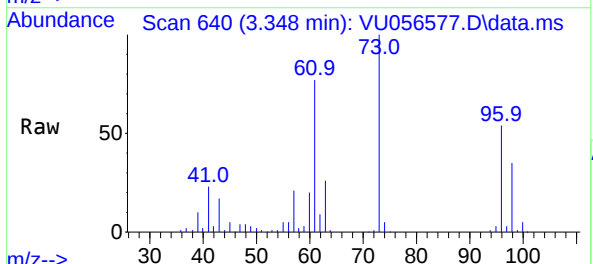
Tgt Ion: 96 Resp: 98946

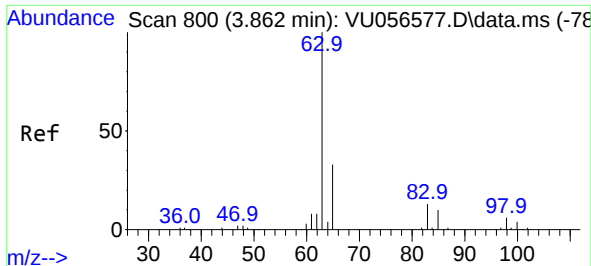
Ion Ratio Lower Upper

96 100

61 142.6 101.7 188.9

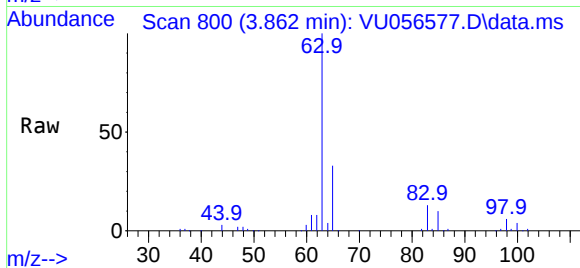
98 64.7 43.0 80.0



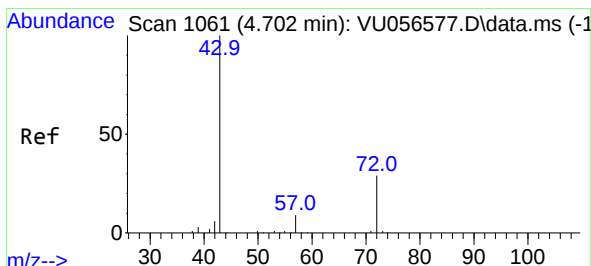
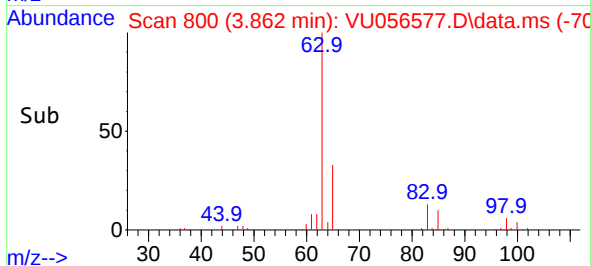
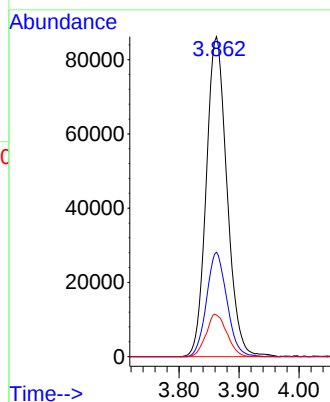


#19
1,1-Dichloroethane
Concen: 5.799 ug/L
RT: 3.862 min Scan# 800
Delta R.T. 0.000 min
Lab File: VU056577.D
Acq: 22 Nov 2023 09:02

Instrument :
MSVOA_U
ClientSampleId :

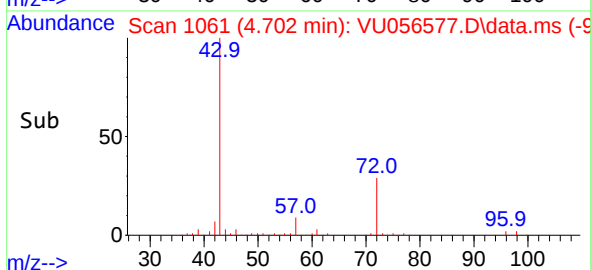
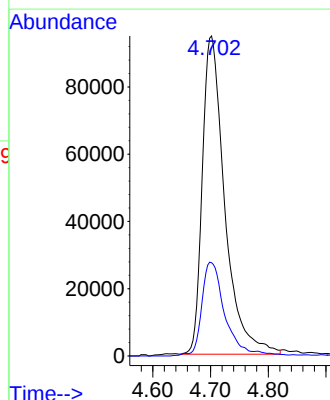
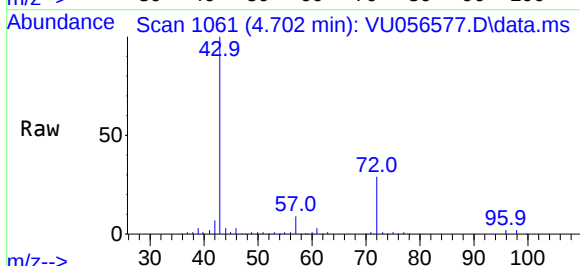


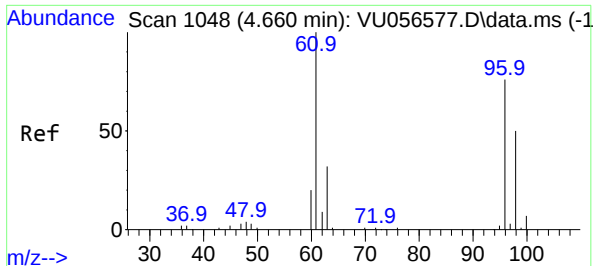
Tgt Ion: 63 Resp: 206854
Ion Ratio Lower Upper
63 100
65 32.6 21.8 40.6
83 13.0 9.7 17.9



#21
2-Butanone
Concen: 54.267 ug/L
RT: 4.702 min Scan# 1061
Delta R.T. 0.003 min
Lab File: VU056577.D
Acq: 22 Nov 2023 09:02

Tgt Ion: 43 Resp: 255723
Ion Ratio Lower Upper
43 100
72 27.4 14.2 42.6

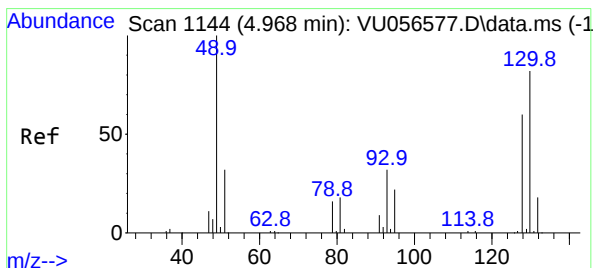
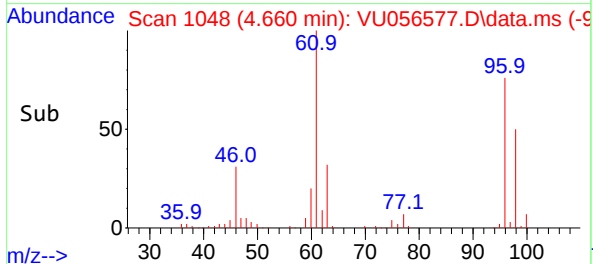
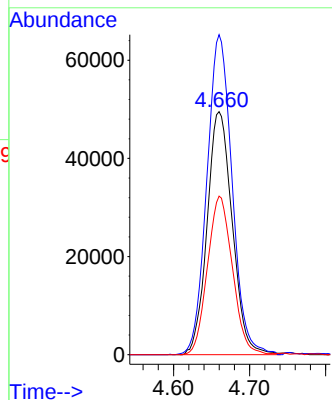
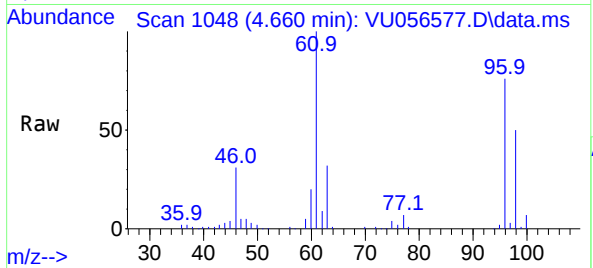




#22
cis-1,2-Dichloroethene
Concen: 5.584 ug/L
RT: 4.660 min Scan# 1104
Delta R.T. 0.000 min
Lab File: VU056577.D
Acq: 22 Nov 2023 09:02

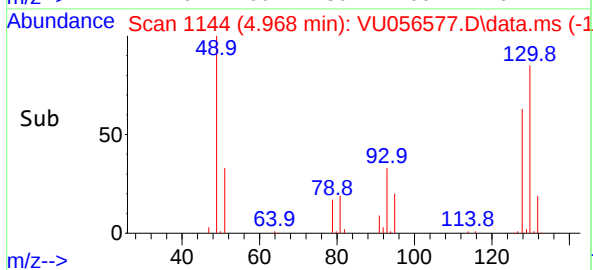
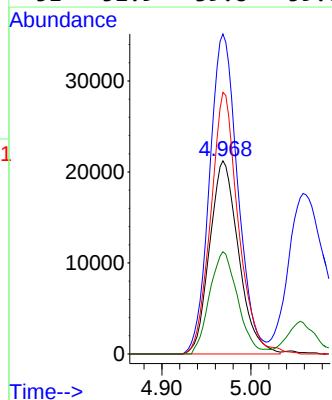
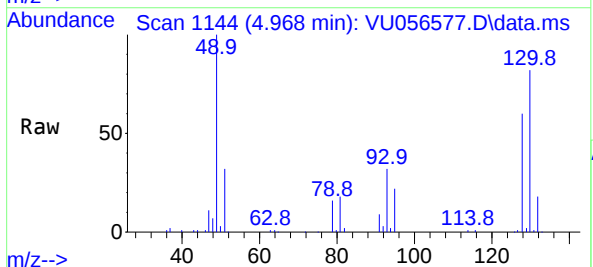
Instrument :
MSVOA_U
ClientSampleId :

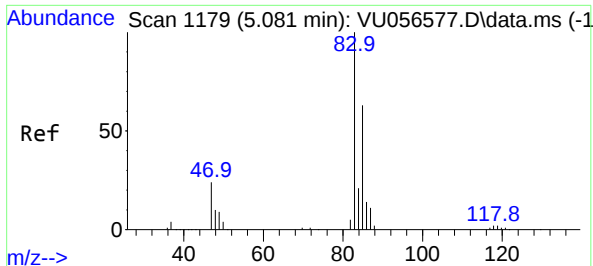
Tgt Ion: 96 Resp: 114036
Ion Ratio Lower Upper
96 100
61 131.7 93.2 173.2
98 65.3 44.8 83.2



#23
Bromochloromethane
Concen: 5.686 ug/L
RT: 4.968 min Scan# 1144
Delta R.T. 0.000 min
Lab File: VU056577.D
Acq: 22 Nov 2023 09:02

Tgt Ion: 128 Resp: 47794
Ion Ratio Lower Upper
128 100
49 165.6 113.4 210.6
130 135.4 84.8 157.6
51 52.9 39.8 59.6





#25

Chloroform

Concen: 5.729 ug/L

RT: 5.081 min Scan# 1179

Delta R.T. 0.000 min

Lab File: VU056577.D

Acq: 22 Nov 2023 09:02

Instrument :

MSVOA_U

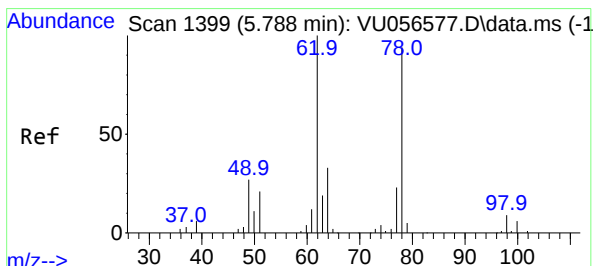
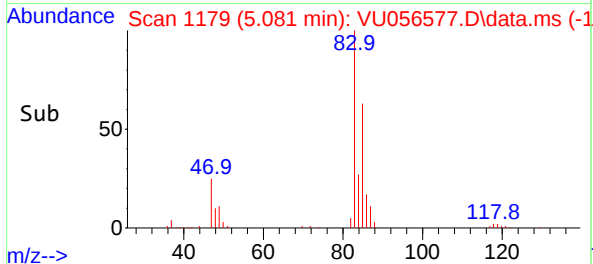
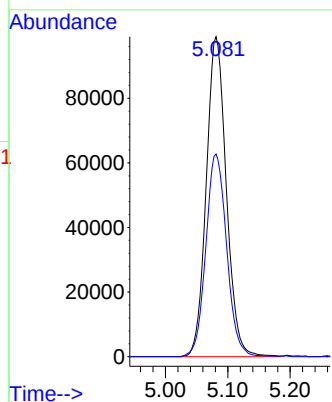
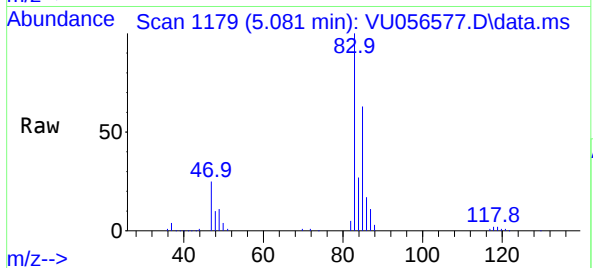
ClientSampleId :

Tgt Ion: 83 Resp: 221403

Ion Ratio Lower Upper

83 100

85 63.4 47.0 87.2



#27

1,2-Dichloroethane

Concen: 5.915 ug/L

RT: 5.788 min Scan# 1399

Delta R.T. 0.003 min

Lab File: VU056577.D

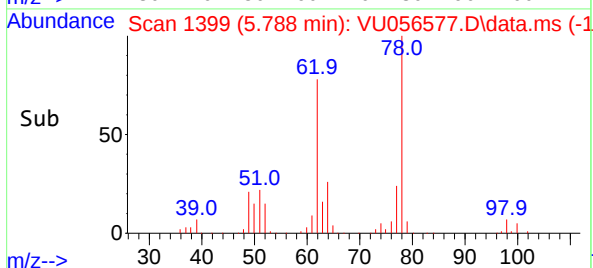
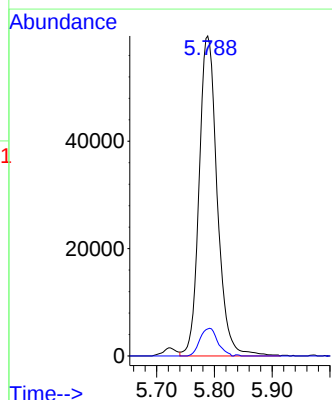
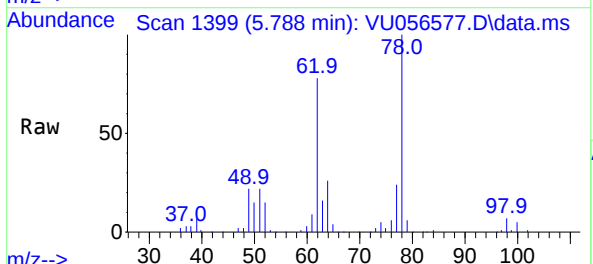
Acq: 22 Nov 2023 09:02

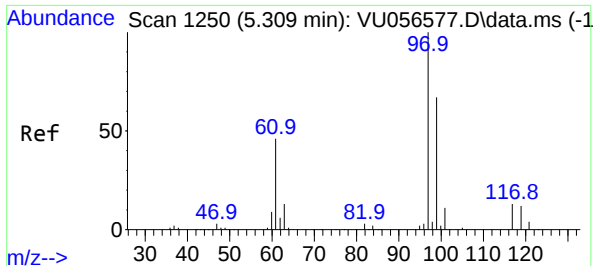
Tgt Ion: 62 Resp: 129775

Ion Ratio Lower Upper

62 100

98 8.4 6.6 10.0

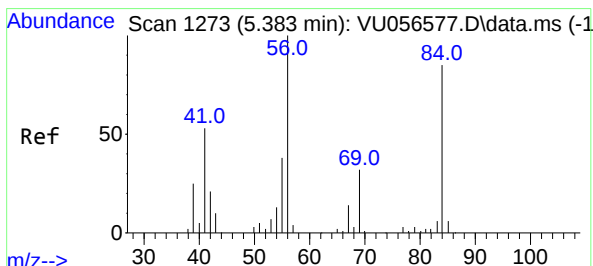
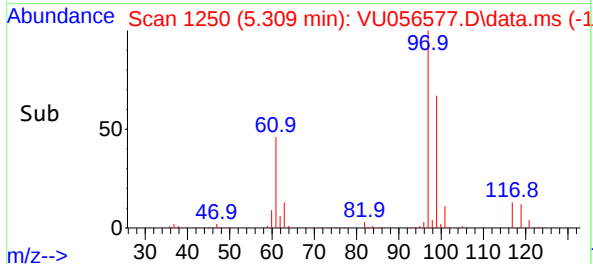
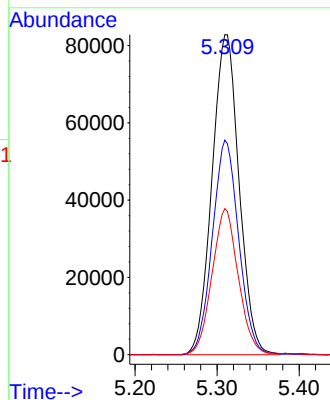
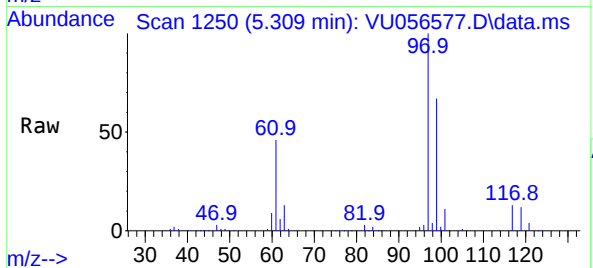




#29
1,1,1-Trichloroethane
Concen: 5.976 ug/L
RT: 5.309 min Scan# 11
Delta R.T. 0.000 min
Lab File: VU056577.D
Acq: 22 Nov 2023 09:02

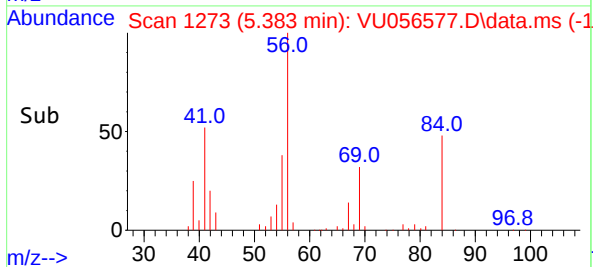
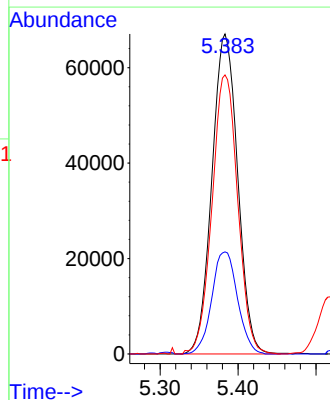
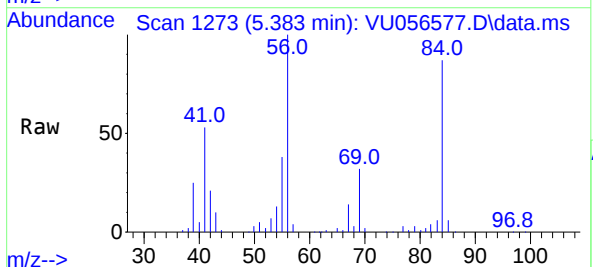
Instrument :
MSVOA_U
ClientSampleId :

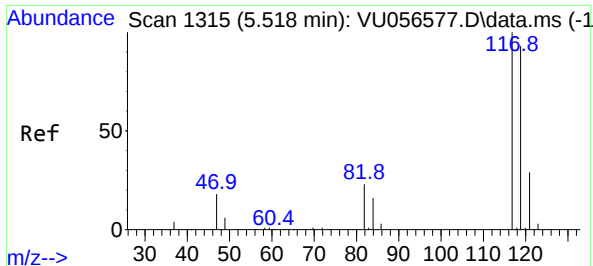
Tgt Ion: 97 Resp: 190167
Ion Ratio Lower Upper
97 100
99 65.4 51.6 77.4
61 44.5 34.3 51.5



#30
Cyclohexane
Concen: 5.104 ug/L
RT: 5.383 min Scan# 1273
Delta R.T. 0.003 min
Lab File: VU056577.D
Acq: 22 Nov 2023 09:02

Tgt Ion: 56 Resp: 154159
Ion Ratio Lower Upper
56 100
69 32.0 25.4 38.2
84 86.8 68.6 103.0

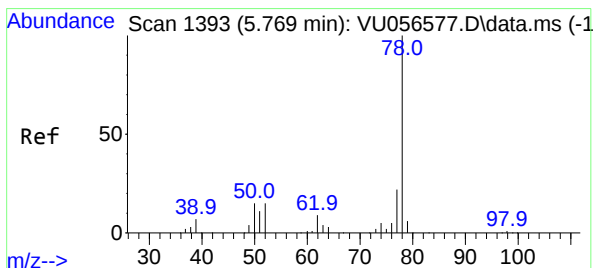
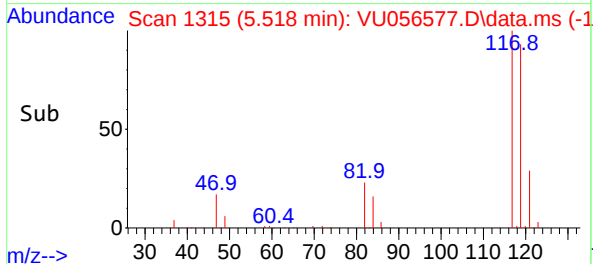
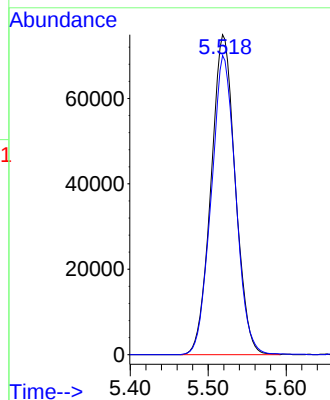
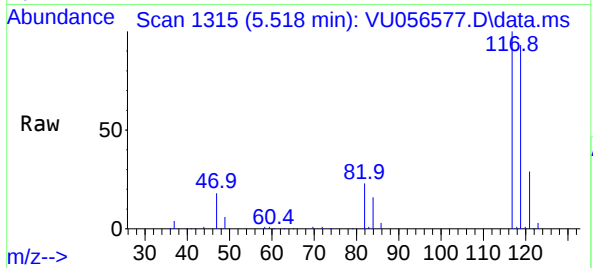




#31
Carbon tetrachloride
Concen: 5.918 ug/L
RT: 5.518 min Scan# 1315
Delta R.T. -0.003 min
Lab File: VU056577.D
Acq: 22 Nov 2023 09:02

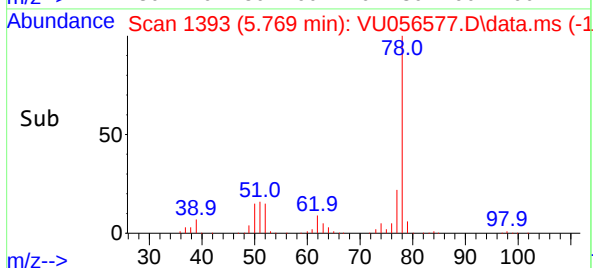
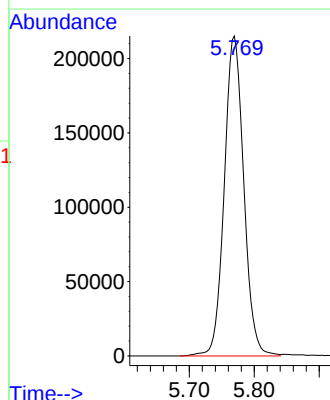
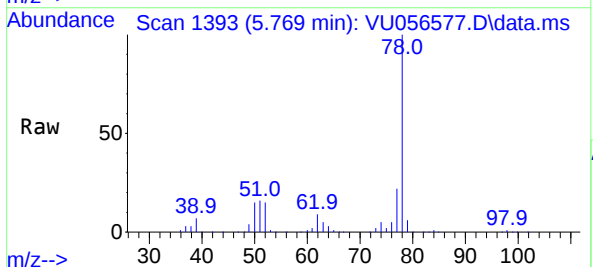
Instrument :
MSVOA_U
ClientSampleId :

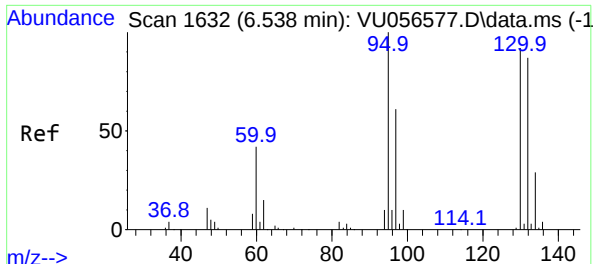
Tgt Ion:117 Resp: 161755
Ion Ratio Lower Upper
117 100
119 94.2 78.1 117.1



#33
Benzene
Concen: 5.657 ug/L
RT: 5.769 min Scan# 1393
Delta R.T. 0.000 min
Lab File: VU056577.D
Acq: 22 Nov 2023 09:02

Tgt Ion: 78 Resp: 447479

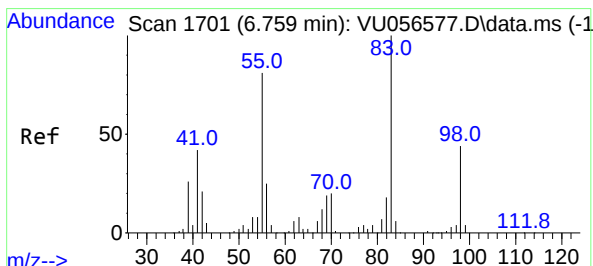
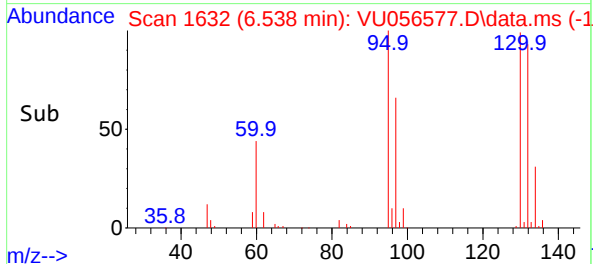
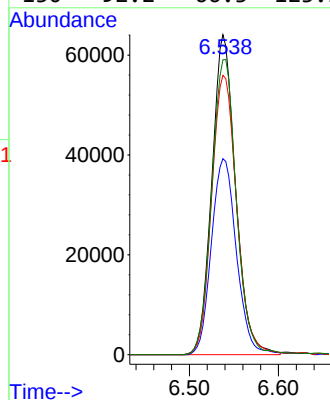
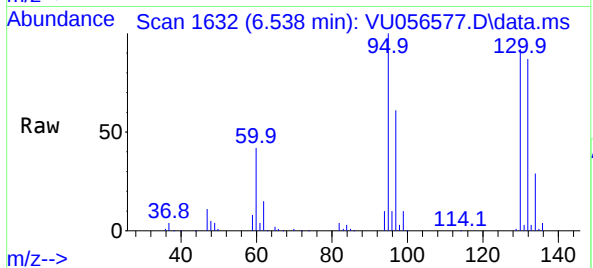




#34
Trichloroethene
Concen: 5.503 ug/L
RT: 6.538 min Scan# 1
Delta R.T. 0.000 min
Lab File: VU056577.D
Acq: 22 Nov 2023 09:02

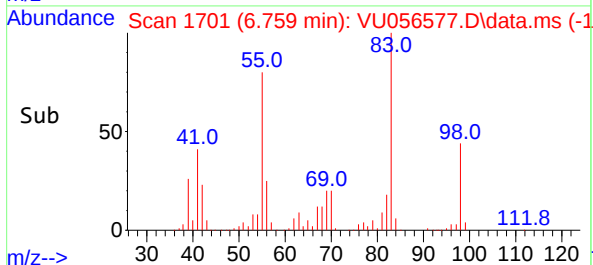
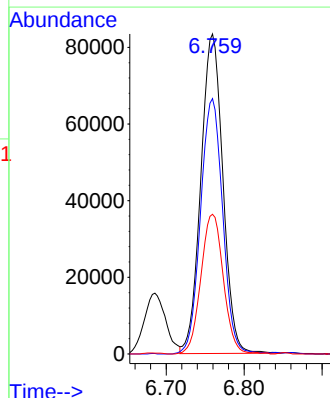
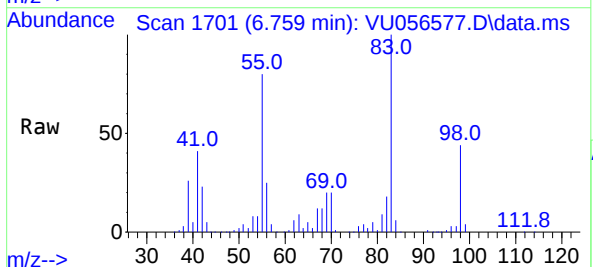
Instrument :
MSVOA_U
ClientSampleId :

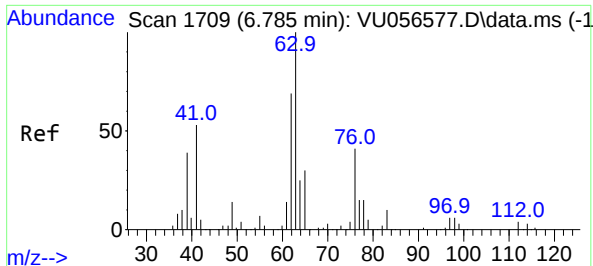
Tgt Ion: 95 Resp: 118604
Ion Ratio Lower Upper
95 100
97 61.2 46.5 86.3
132 87.3 62.0 115.2
130 92.2 66.3 123.1



#35
Methylcyclohexane
Concen: 5.267 ug/L
RT: 6.759 min Scan# 1701
Delta R.T. 0.003 min
Lab File: VU056577.D
Acq: 22 Nov 2023 09:02

Tgt Ion: 83 Resp: 163883
Ion Ratio Lower Upper
83 100
55 80.3 62.9 94.3
98 44.4 35.3 52.9

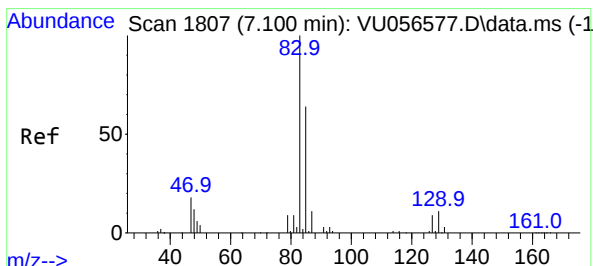
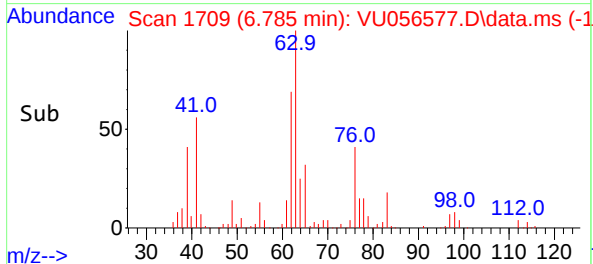
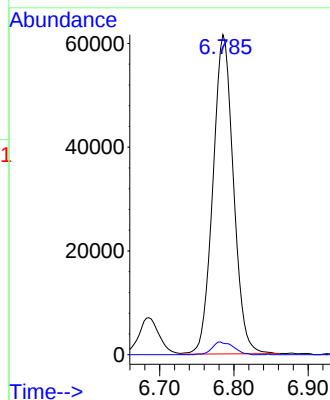
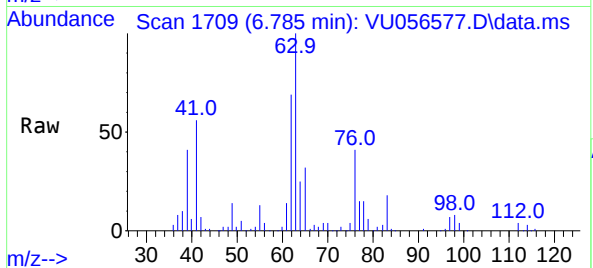




#37
1,2-Dichloropropane
Concen: 5.735 ug/L
RT: 6.785 min Scan# 11
Delta R.T. 0.003 min
Lab File: VU056577.D
Acq: 22 Nov 2023 09:02

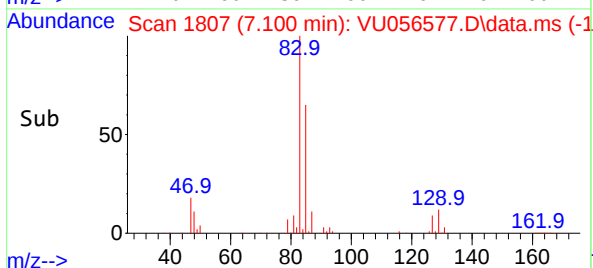
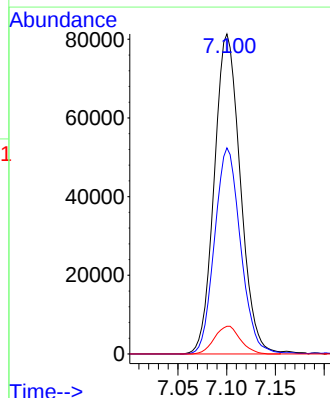
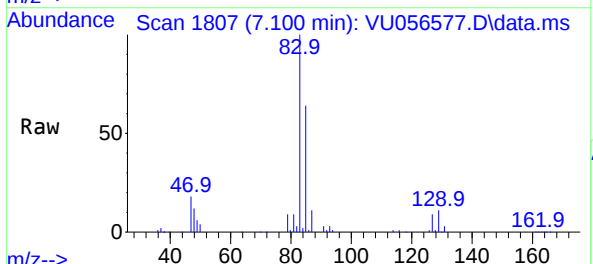
Instrument :
MSVOA_U
ClientSampleId :

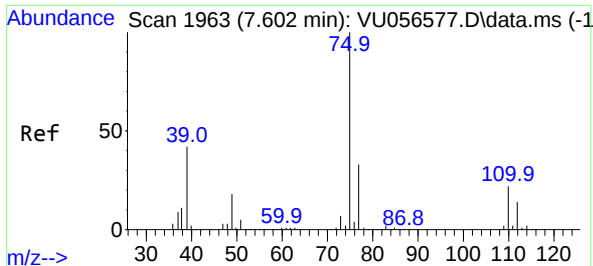
Tgt Ion: 63 Resp: 118289
Ion Ratio Lower Upper
63 100
112 4.1 3.2 4.8



#38
Bromodichloromethane
Concen: 5.685 ug/L
RT: 7.100 min Scan# 1807
Delta R.T. 0.000 min
Lab File: VU056577.D
Acq: 22 Nov 2023 09:02

Tgt Ion: 83 Resp: 151377
Ion Ratio Lower Upper
83 100
85 64.4 44.9 83.5
127 8.7 6.9 10.3

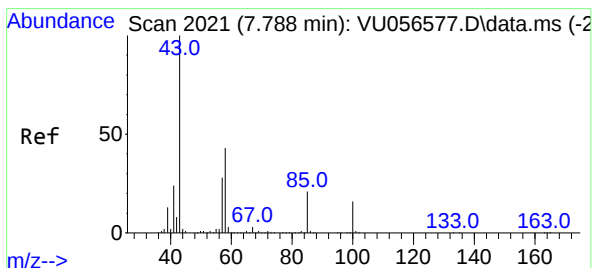
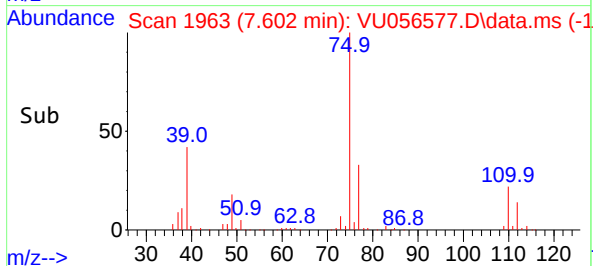
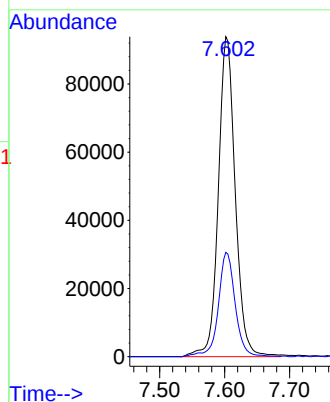
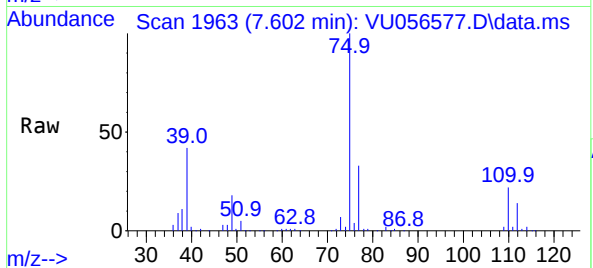




#39
cis-1,3-Dichloropropene
Concen: 5.586 ug/L
RT: 7.602 min Scan# 1963
Delta R.T. 0.000 min
Lab File: VU056577.D
Acq: 22 Nov 2023 09:02

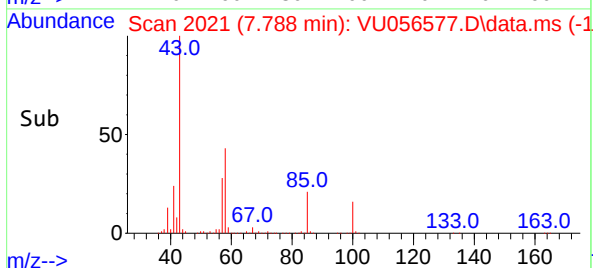
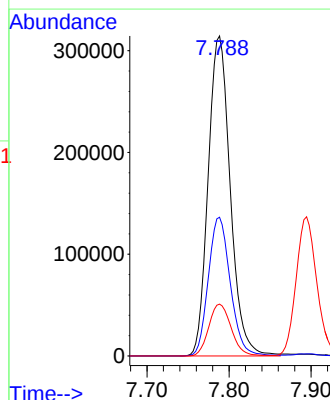
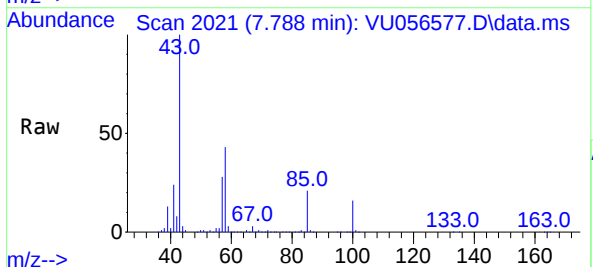
Instrument :
MSVOA_U
ClientSampleId :

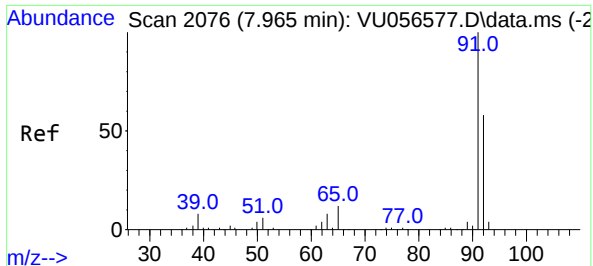
Tgt Ion: 75 Resp: 169303
Ion Ratio Lower Upper
75 100
77 32.6 21.5 39.9



#40
4-Methyl-2-pentanone
Concen: 57.587 ug/L
RT: 7.788 min Scan# 2021
Delta R.T. 0.003 min
Lab File: VU056577.D
Acq: 22 Nov 2023 09:02

Tgt Ion: 43 Resp: 588832
Ion Ratio Lower Upper
43 100
58 43.2 33.8 50.8
100 16.4 13.0 19.4

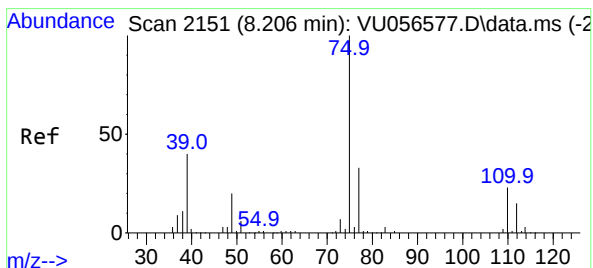
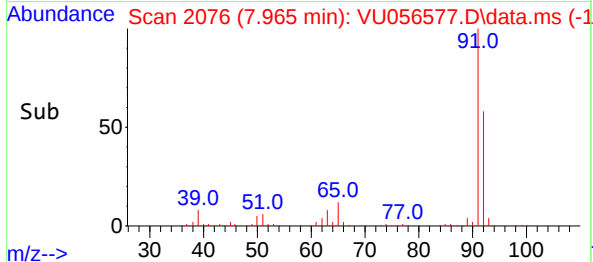
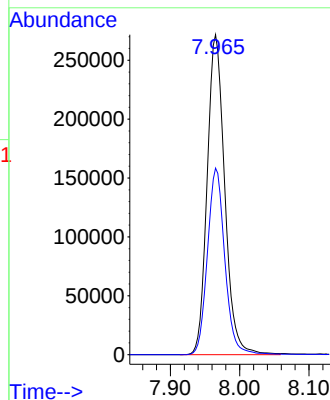
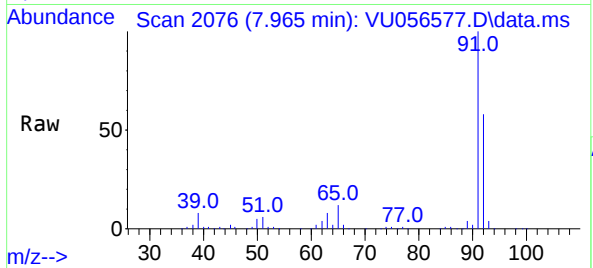




#42
Toluene
Concen: 5.830 ug/L
RT: 7.965 min Scan# 2076
Delta R.T. 0.003 min
Lab File: VU056577.D
Acq: 22 Nov 2023 09:02

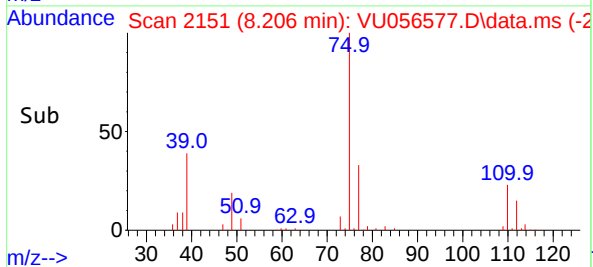
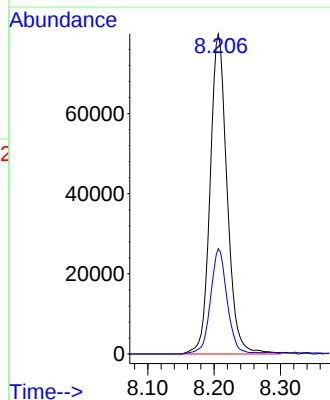
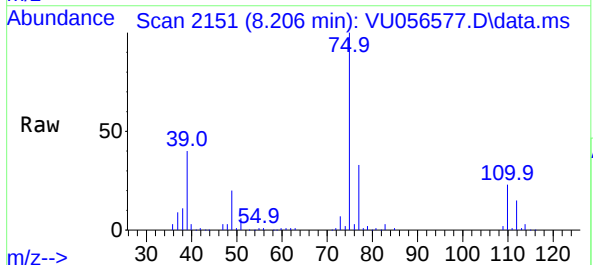
Instrument :
MSVOA_U
ClientSampleId :

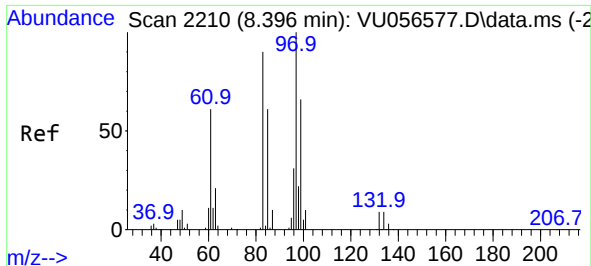
Tgt Ion: 91 Resp: 477459
Ion Ratio Lower Upper
91 100
92 58.3 40.6 75.4



#44
trans-1,3-Dichloropropene
Concen: 5.879 ug/L
RT: 8.206 min Scan# 2151
Delta R.T. 0.000 min
Lab File: VU056577.D
Acq: 22 Nov 2023 09:02

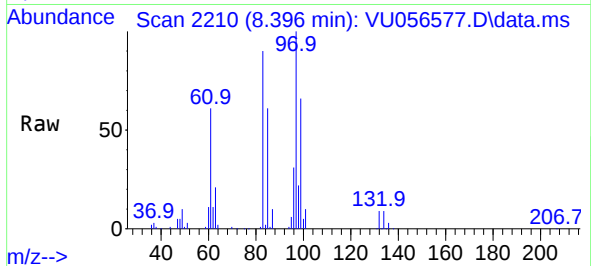
Tgt Ion: 75 Resp: 142047
Ion Ratio Lower Upper
75 100
77 32.9 22.8 42.4



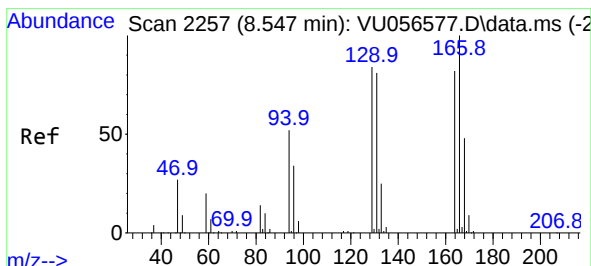
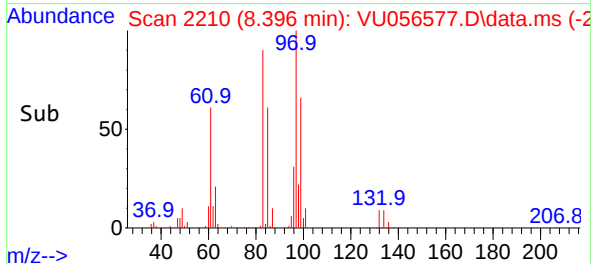
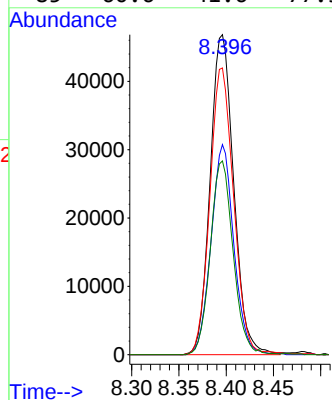


#45
1,1,2-Trichloroethane
Concen: 5.907 ug/L
RT: 8.396 min Scan# 2210
Delta R.T. 0.003 min
Lab File: VU056577.D
Acq: 22 Nov 2023 09:02

Instrument :
MSVOA_U
ClientSampleId :

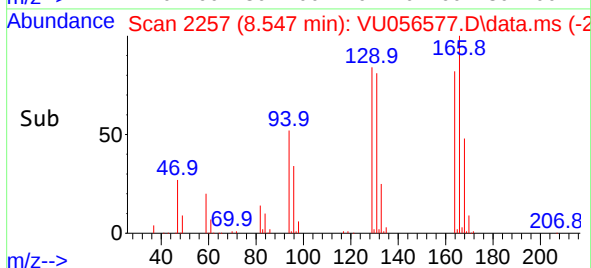
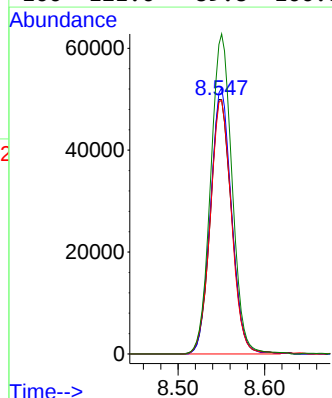
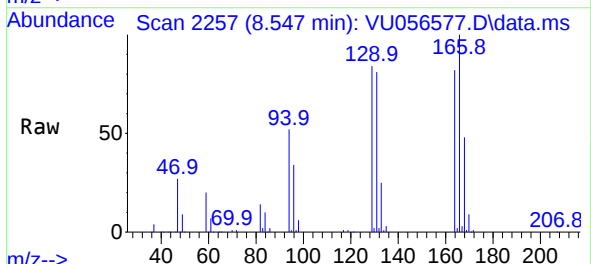


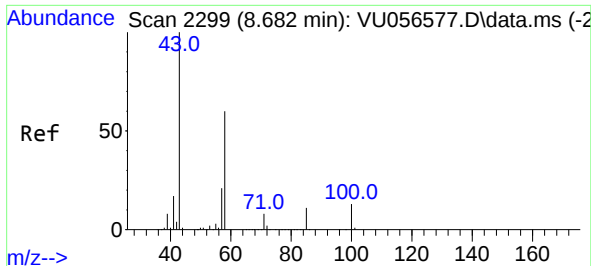
Tgt Ion:	97	Resp:	81143
Ion	Ratio	Lower	Upper
97	100		
99	65.7	44.3	82.3
83	89.6	65.4	121.4
85	60.6	41.6	77.3



#47
Tetrachloroethene
Concen: 5.880 ug/L
RT: 8.547 min Scan# 2257
Delta R.T. 0.000 min
Lab File: VU056577.D
Acq: 22 Nov 2023 09:02

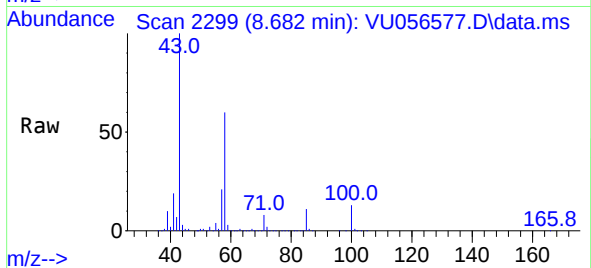
Tgt Ion:	164	Resp:	85456
Ion	Ratio	Lower	Upper
164	100		
129	102.6	71.0	131.9
131	98.9	70.3	130.7
166	121.6	89.8	166.8





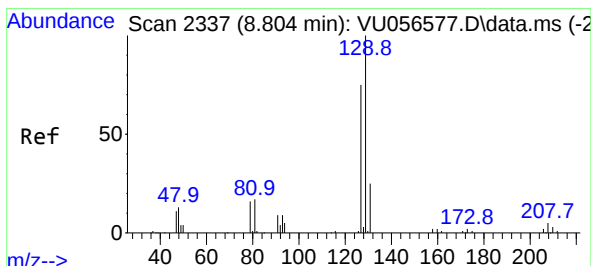
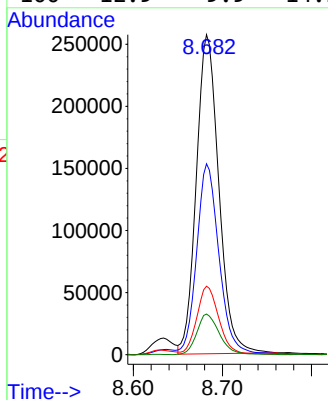
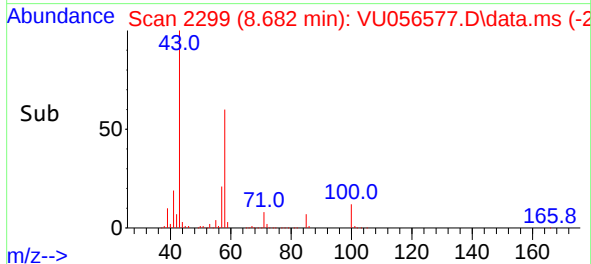
#48
2-Hexanone
Concen: 56.750 ug/L
RT: 8.682 min Scan# 2299
Delta R.T. 0.003 min
Lab File: VU056577.D
Acq: 22 Nov 2023 09:02

Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion: 43 Resp: 452060

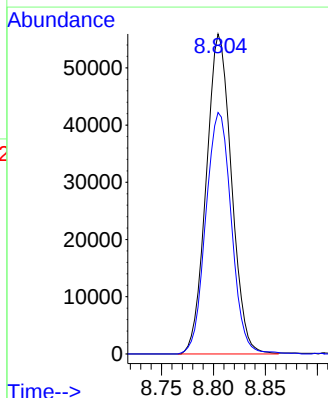
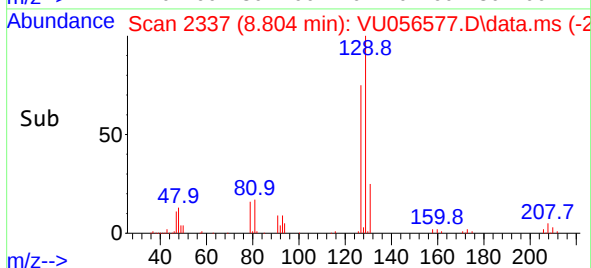
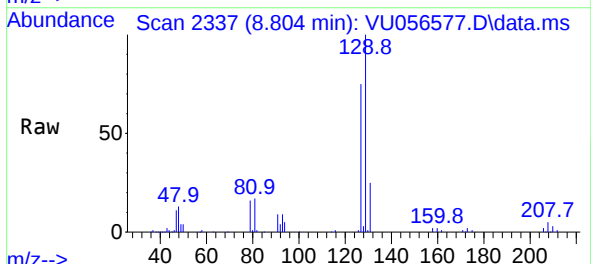
Ion	Ratio	Lower	Upper
43	100		
58	59.0	48.7	73.1
57	20.9	16.8	25.2
100	12.9	9.9	14.9

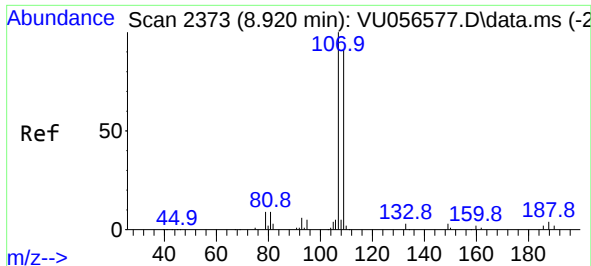


#49
Dibromochloromethane
Concen: 6.049 ug/L
RT: 8.804 min Scan# 2337
Delta R.T. 0.000 min
Lab File: VU056577.D
Acq: 22 Nov 2023 09:02

Tgt Ion: 129 Resp: 94494

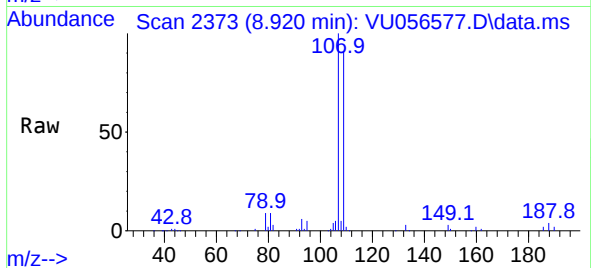
Ion	Ratio	Lower	Upper
129	100		
127	75.5	52.9	98.3



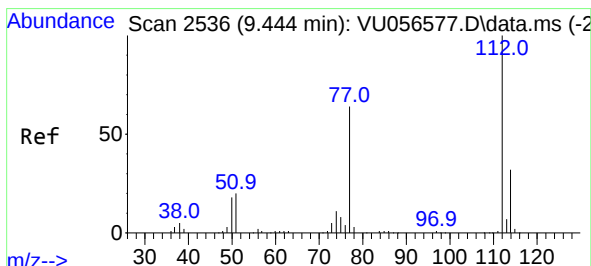
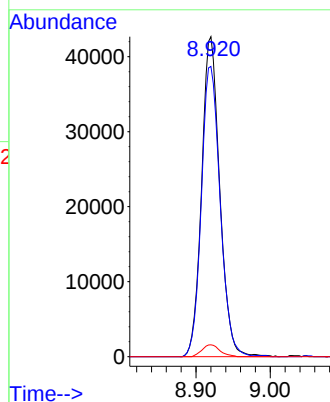
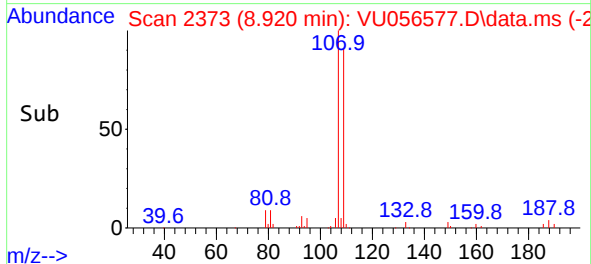


#50
1,2-Dibromoethane
Concen: 5.581 ug/L
RT: 8.920 min Scan# 21
Delta R.T. 0.003 min
Lab File: VU056577.D
Acq: 22 Nov 2023 09:02

Instrument :
MSVOA_U
ClientSampleId :

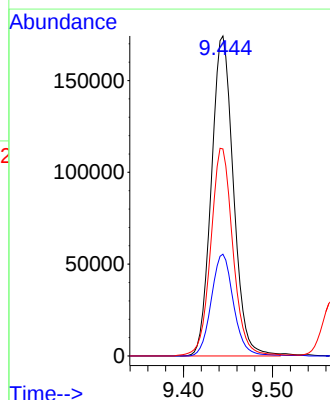
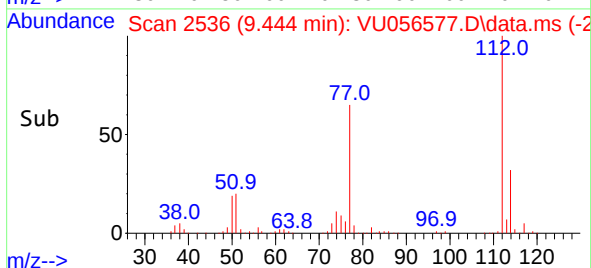
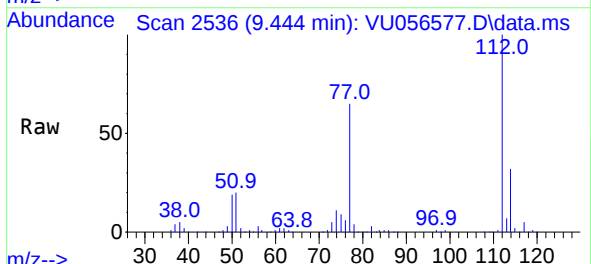


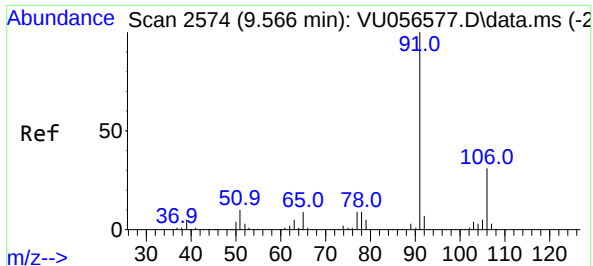
Tgt Ion:107 Resp: 72375
Ion Ratio Lower Upper
107 100
109 90.7 64.2 119.2
188 3.7 2.6 4.0



#51
Chlorobenzene
Concen: 5.708 ug/L
RT: 9.444 min Scan# 2536
Delta R.T. 0.003 min
Lab File: VU056577.D
Acq: 22 Nov 2023 09:02

Tgt Ion:112 Resp: 300342
Ion Ratio Lower Upper
112 100
114 31.8 22.5 41.7
77 64.7 51.7 77.5

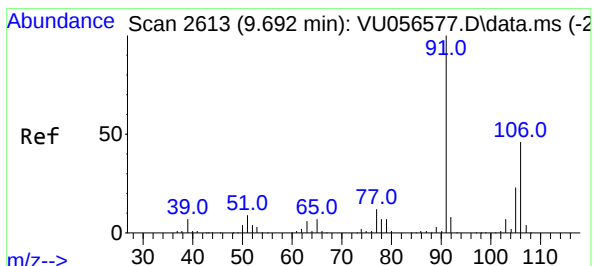
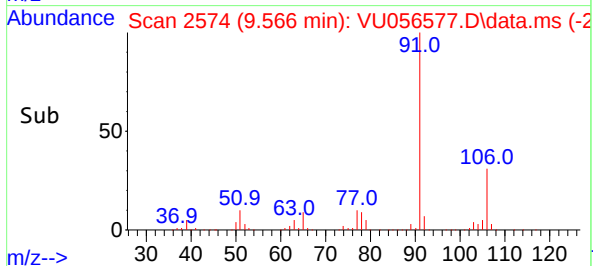
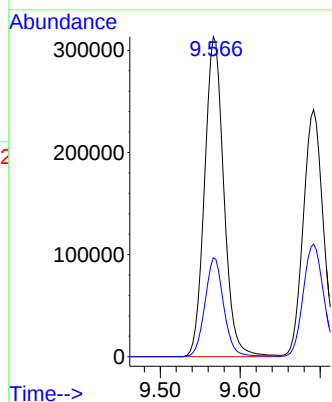
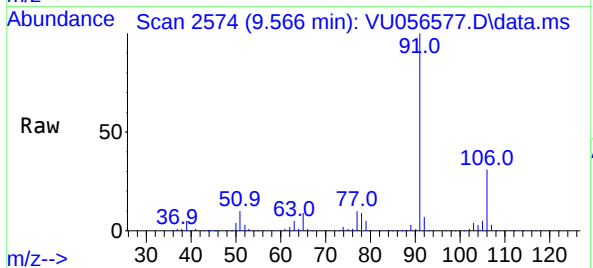




#52
Ethylbenzene
Concen: 5.779 ug/L
RT: 9.566 min Scan# 2574
Delta R.T. 0.000 min
Lab File: VU056577.D
Acq: 22 Nov 2023 09:02

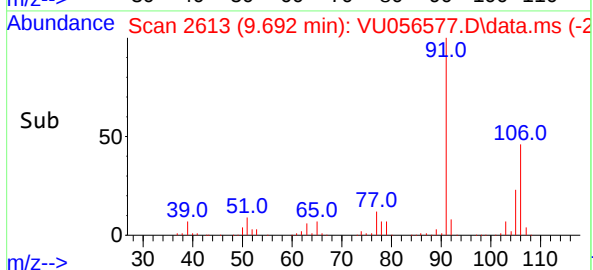
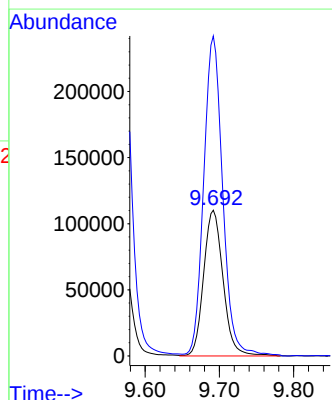
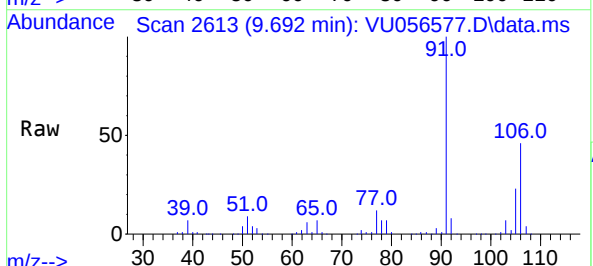
Instrument :
MSVOA_U
ClientSampleId :

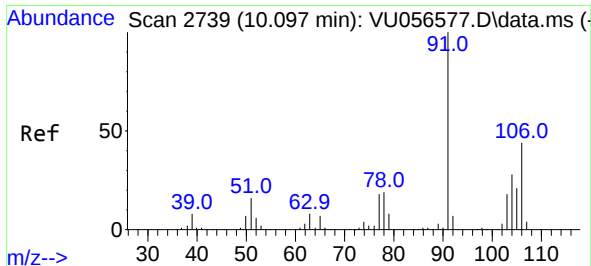
Tgt Ion: 91 Resp: 525524
Ion Ratio Lower Upper
91 100
106 30.9 21.1 39.1



#53
m,p-Xylene
Concen: 5.991 ug/L
RT: 9.692 min Scan# 2613
Delta R.T. 0.003 min
Lab File: VU056577.D
Acq: 22 Nov 2023 09:02

Tgt Ion:106 Resp: 200269
Ion Ratio Lower Upper
106 100
91 219.5 149.6 277.8

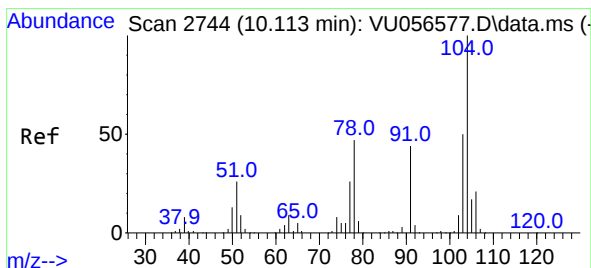
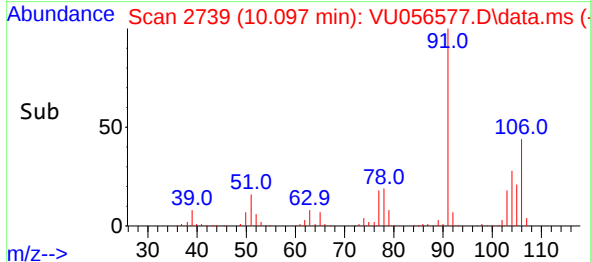
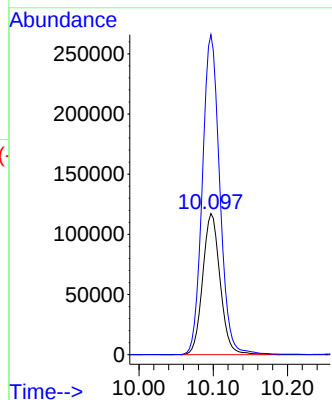
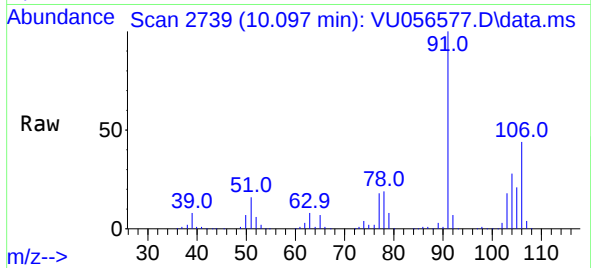




#54
o-Xylene
Concen: 5.895 ug/L
RT: 10.097 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU056577.D
Acq: 22 Nov 2023 09:02

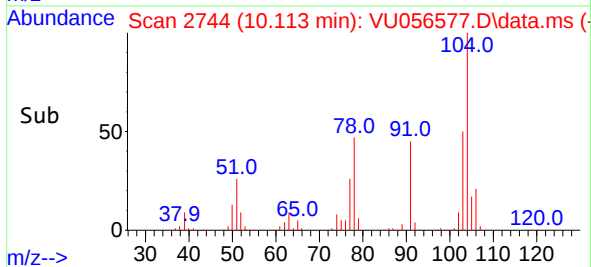
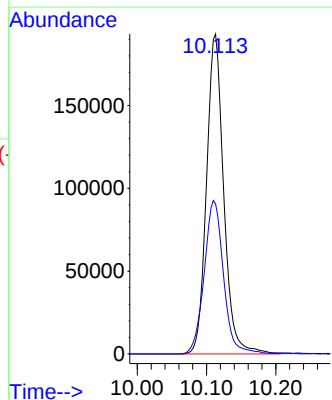
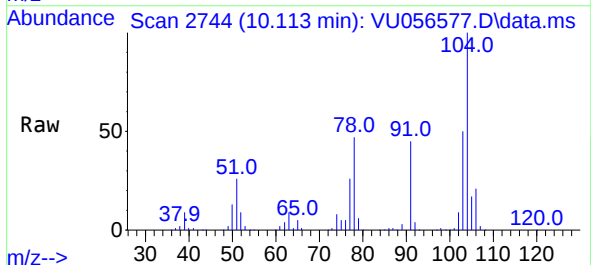
Instrument :
MSVOA_U
ClientSampleId :

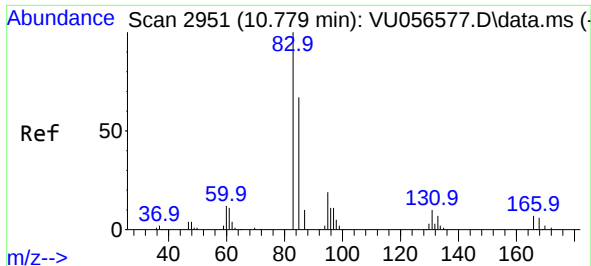
Tgt Ion:106 Resp: 191422
Ion Ratio Lower Upper
106 100
91 226.7 159.3 295.9



#55
Styrene
Concen: 6.159 ug/L
RT: 10.113 min Scan# 2744
Delta R.T. 0.003 min
Lab File: VU056577.D
Acq: 22 Nov 2023 09:02

Tgt Ion:104 Resp: 332689
Ion Ratio Lower Upper
104 100
78 46.9 34.2 63.6

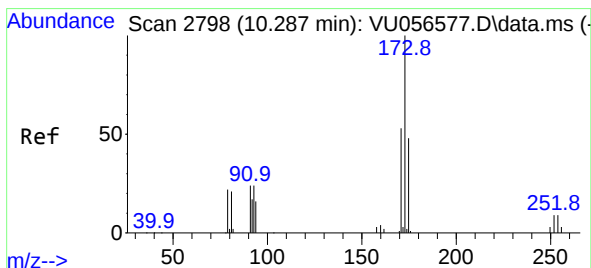
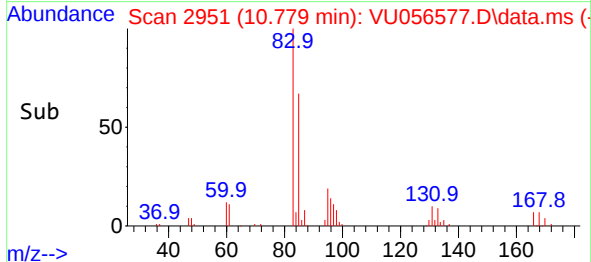
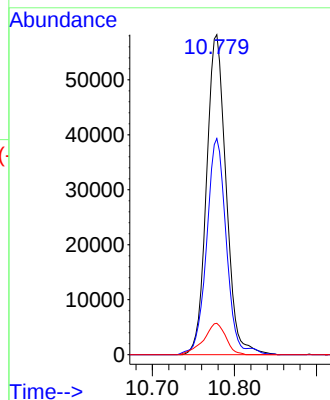
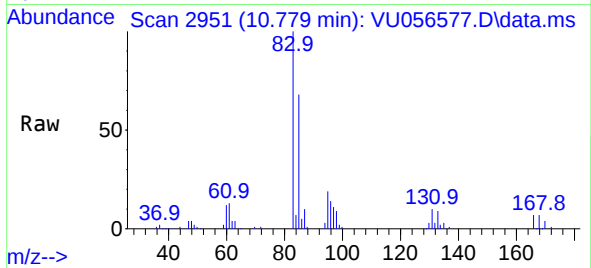




#57
1,1,2,2-Tetrachloroethane
Concen: 5.746 ug/L
RT: 10.779 min Scan# 2951
Delta R.T. 0.003 min
Lab File: VU056577.D
Acq: 22 Nov 2023 09:02

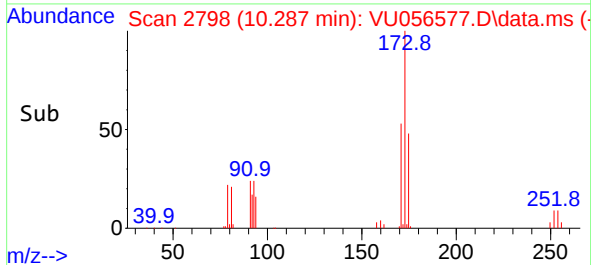
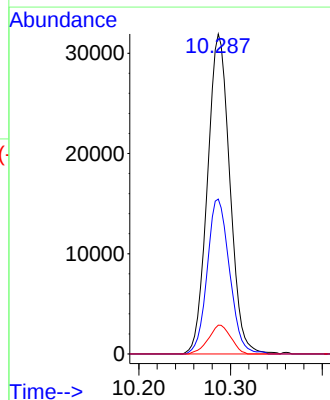
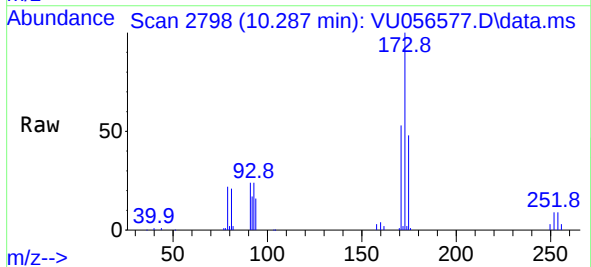
Instrument :
MSVOA_U
ClientSampleId :

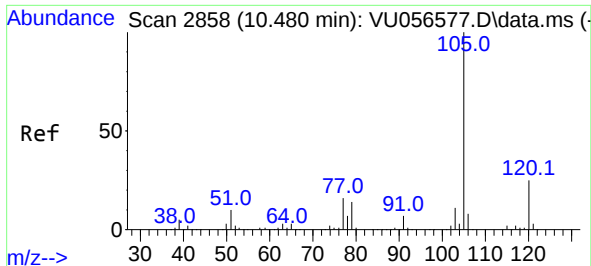
Tgt Ion: 83 Resp: 96383
Ion Ratio Lower Upper
83 100
85 67.6 46.3 86.1
131 9.8 6.7 10.1



#59
Bromoform
Concen: 6.197 ug/L
RT: 10.287 min Scan# 2798
Delta R.T. 0.003 min
Lab File: VU056577.D
Acq: 22 Nov 2023 09:02

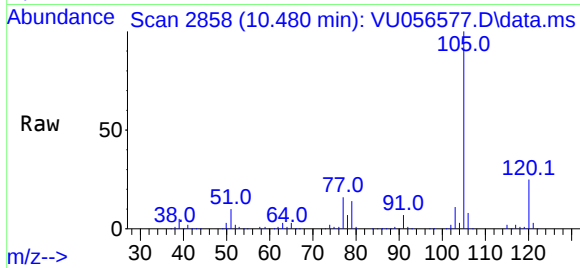
Tgt Ion:173 Resp: 54110
Ion Ratio Lower Upper
173 100
175 48.3 38.9 58.3
254 9.0 6.7 10.1



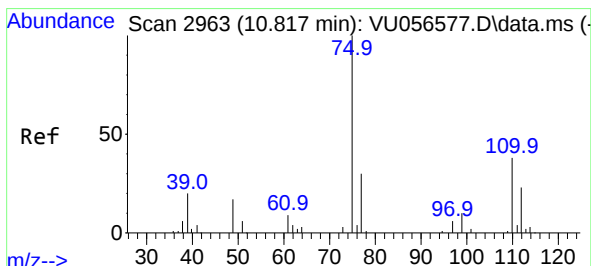
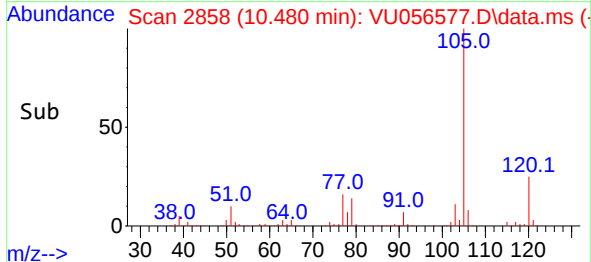
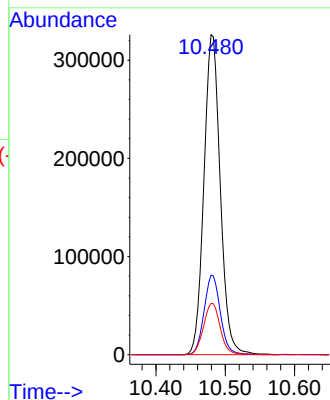


#60
Isopropylbenzene
Concen: 5.899 ug/L
RT: 10.480 min Scan# 2858
Delta R.T. 0.000 min
Lab File: VU056577.D
Acq: 22 Nov 2023 09:02

Instrument :
MSVOA_U
ClientSampleId :

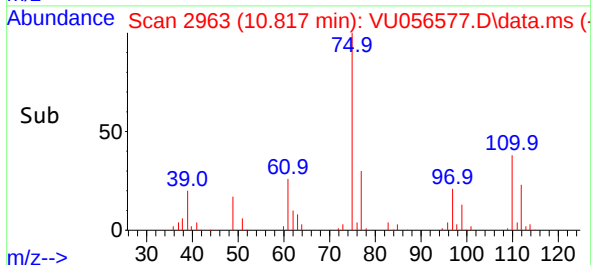
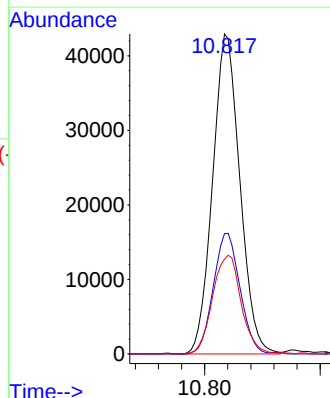
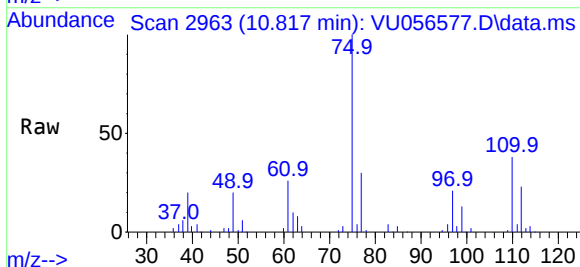


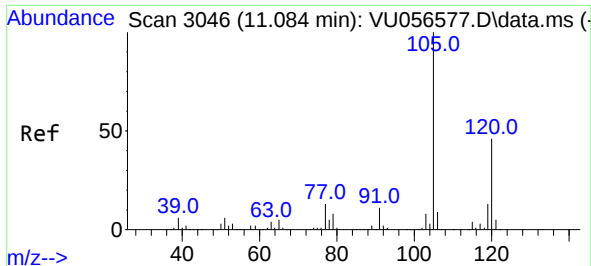
Tgt Ion:105 Resp: 533273
Ion Ratio Lower Upper
105 100
120 24.8 20.4 30.6
77 16.5 13.3 19.9



#61
1,2,3-Trichloropropane
Concen: 5.843 ug/L
RT: 10.817 min Scan# 2963
Delta R.T. 0.000 min
Lab File: VU056577.D
Acq: 22 Nov 2023 09:02

Tgt Ion: 75 Resp: 70276
Ion Ratio Lower Upper
75 100
110 36.8 30.4 45.6
77 32.4 27.0 40.6

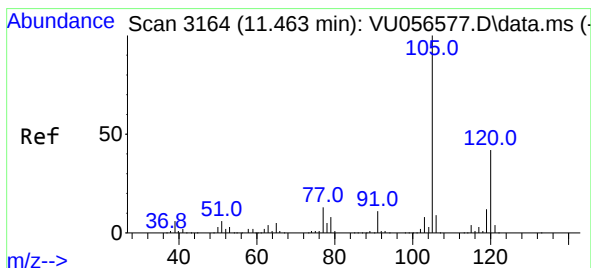
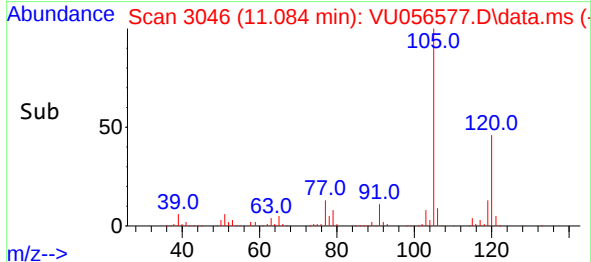
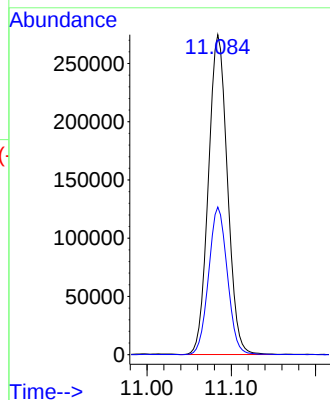
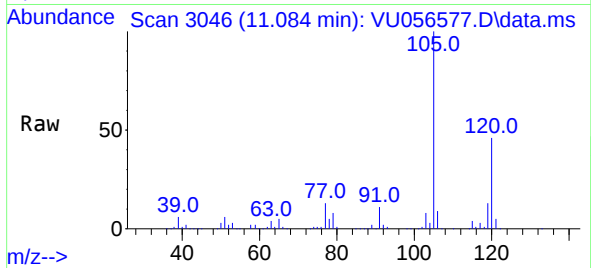




#62
1,3,5-Trimethylbenzene
Concen: 5.813 ug/L
RT: 11.084 min Scan# 3046
Delta R.T. 0.003 min
Lab File: VU056577.D
Acq: 22 Nov 2023 09:02

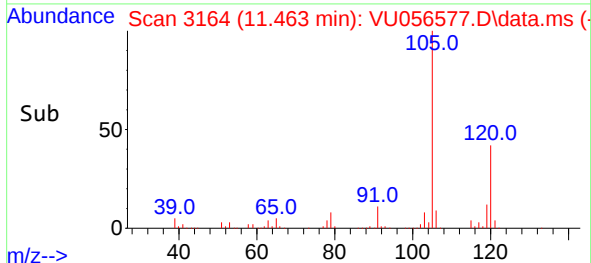
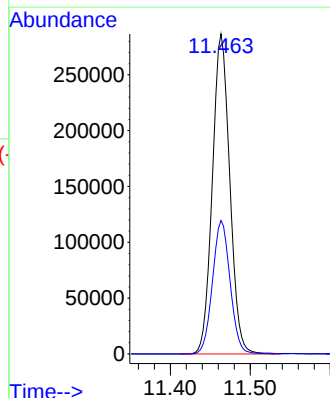
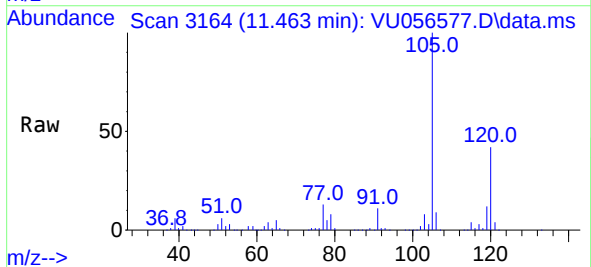
Instrument :
MSVOA_U
ClientSampleId :

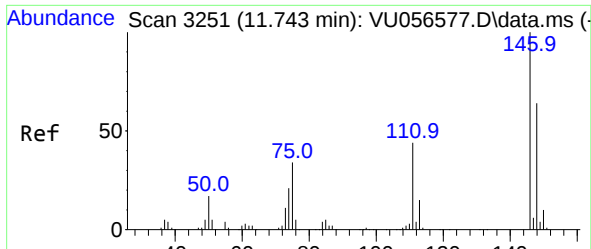
Tgt Ion:105 Resp: 431442
Ion Ratio Lower Upper
105 100
120 45.5 37.2 55.8



#63
1,2,4-Trimethylbenzene
Concen: 5.915 ug/L
RT: 11.463 min Scan# 3164
Delta R.T. 0.003 min
Lab File: VU056577.D
Acq: 22 Nov 2023 09:02

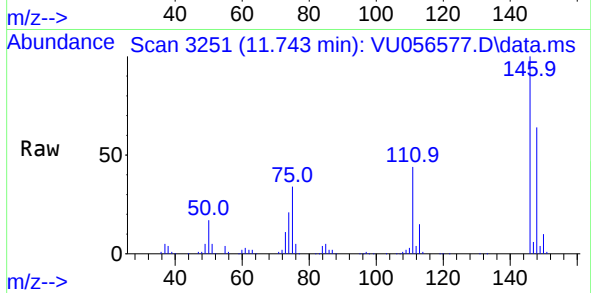
Tgt Ion:105 Resp: 433402
Ion Ratio Lower Upper
105 100
120 42.1 34.0 51.0



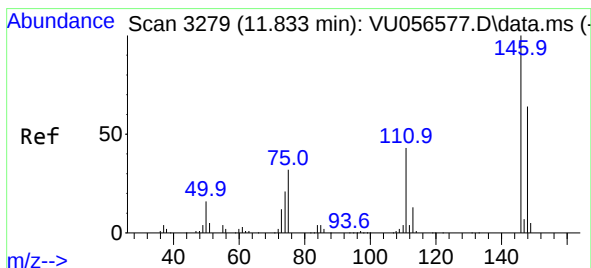
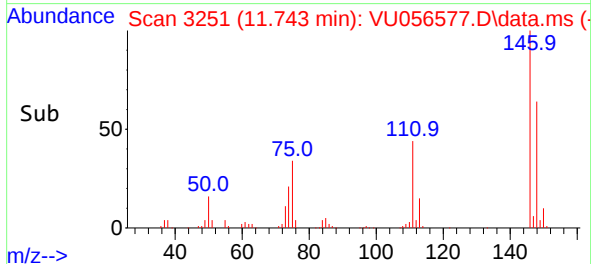
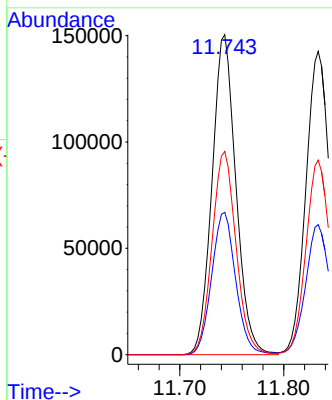


#64
1,3-Dichlorobenzene
Concen: 5.853 ug/L
RT: 11.743 min Scan# 31
Delta R.T. 0.003 min
Lab File: VU056577.D
Acq: 22 Nov 2023 09:02

Instrument :
MSVOA_U
ClientSampleId :

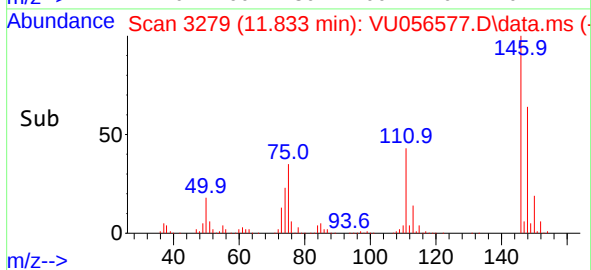
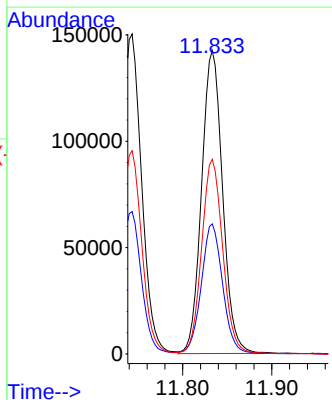
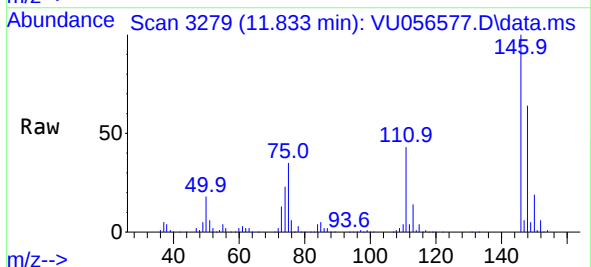


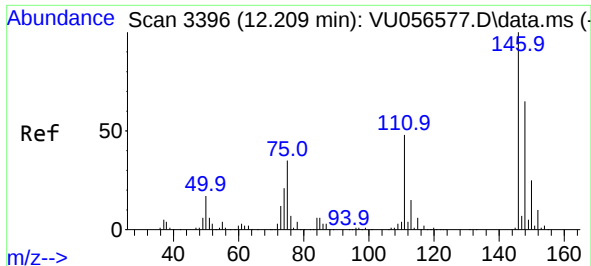
Tgt Ion:146 Resp: 240706
Ion Ratio Lower Upper
146 100
111 44.5 31.1 57.7
148 63.5 45.1 83.9



#65
1,4-Dichlorobenzene
Concen: 5.653 ug/L
RT: 11.833 min Scan# 3279
Delta R.T. 0.003 min
Lab File: VU056577.D
Acq: 22 Nov 2023 09:02

Tgt Ion:146 Resp: 233170
Ion Ratio Lower Upper
146 100
111 42.9 30.5 56.7
148 64.1 44.8 83.2





#67

1,2-Dichlorobenzene

Concen: 5.820 ug/L

RT: 12.209 min Scan# 31

Delta R.T. 0.003 min

Lab File: VU056577.D

Acq: 22 Nov 2023 09:02

Instrument :

MSVOA_U

ClientSampleId :

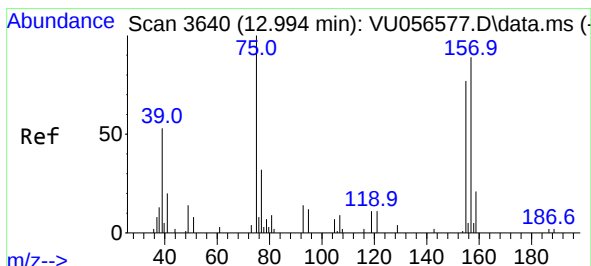
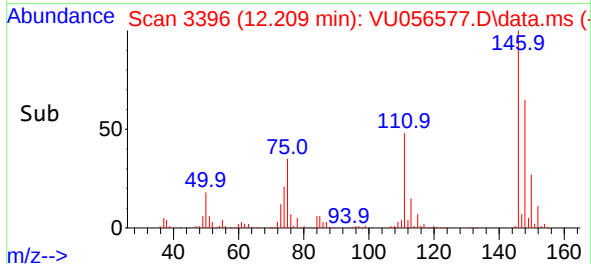
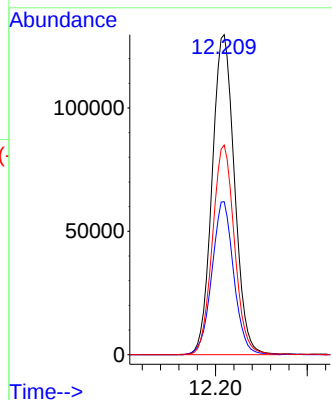
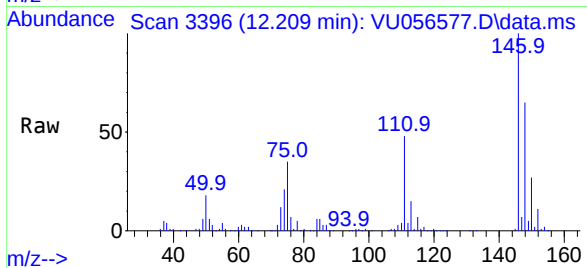
Tgt Ion:146 Resp: 219579

Ion Ratio Lower Upper

146 100

111 47.8 38.3 57.5

148 65.5 52.2 78.4



#68

1,2-Dibromo-3-chloropropane

Concen: 5.304 ug/L

RT: 12.994 min Scan# 3640

Delta R.T. 0.003 min

Lab File: VU056577.D

Acq: 22 Nov 2023 09:02

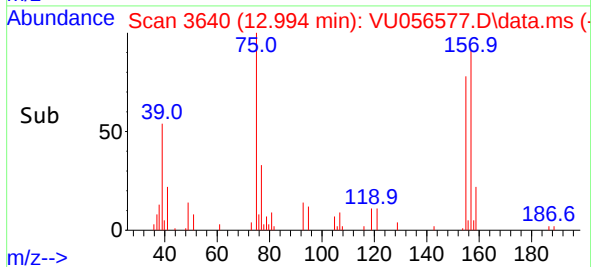
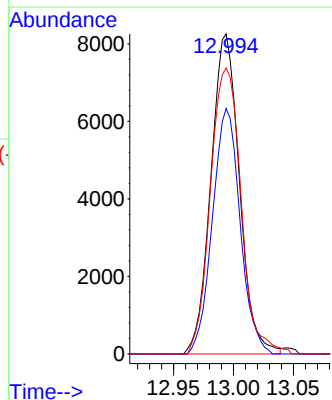
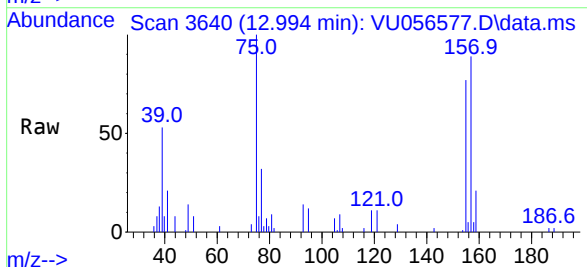
Tgt Ion: 75 Resp: 13627

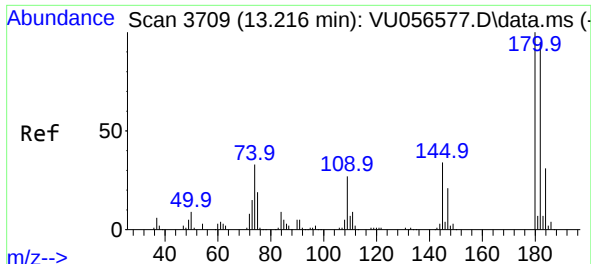
Ion Ratio Lower Upper

75 100

155 76.7 62.4 93.6

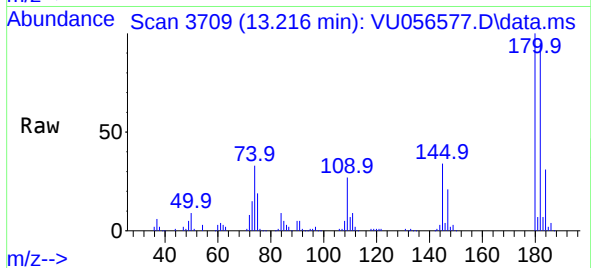
157 89.4 80.2 120.2



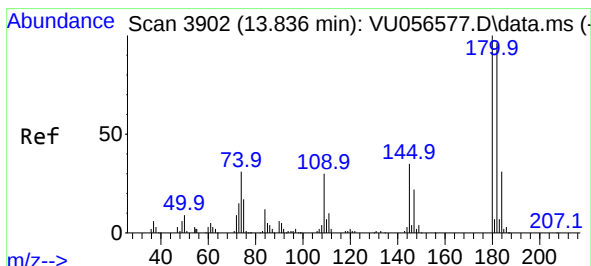
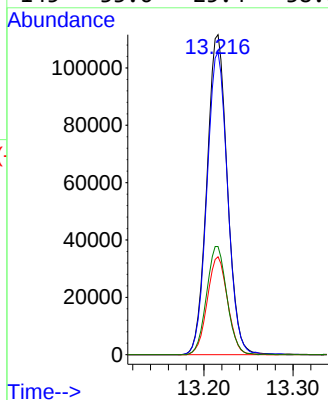
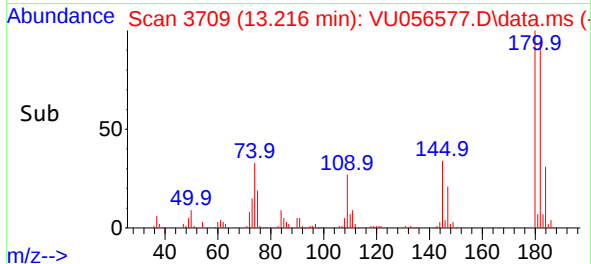


#69
 1,3,5-Trichlorobenzene
 Concen: 5.754 ug/L
 RT: 13.216 min Scan# 3709
 Delta R.T. 0.003 min
 Lab File: VU056577.D
 Acq: 22 Nov 2023 09:02

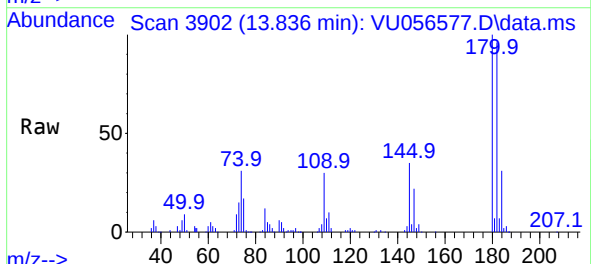
Instrument :
 MSVOA_U
 ClientSampleId :



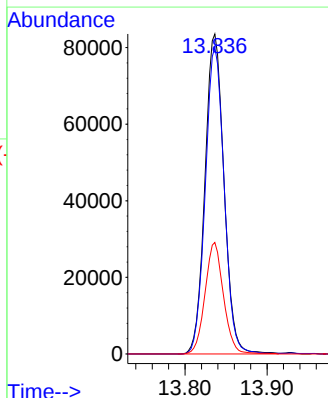
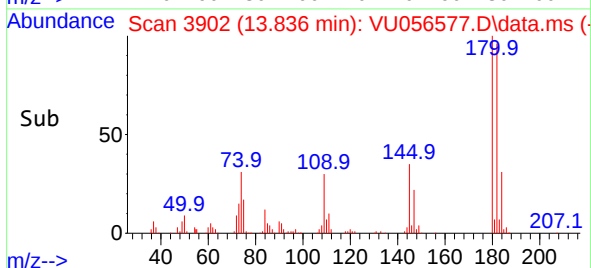
Tgt Ion:180 Resp: 178154
 Ion Ratio Lower Upper
 180 100
 182 95.3 75.1 112.7
 184 30.5 23.5 35.3
 145 33.6 25.4 38.0

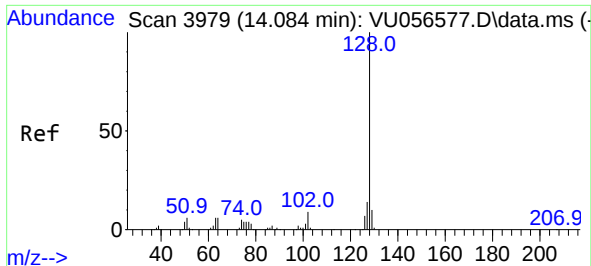


#70
 1,2,4-trichlorobenzene
 Concen: 5.332 ug/L
 RT: 13.836 min Scan# 3902
 Delta R.T. 0.003 min
 Lab File: VU056577.D
 Acq: 22 Nov 2023 09:02



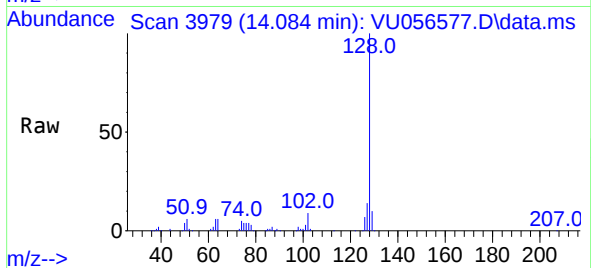
Tgt Ion:180 Resp: 134463
 Ion Ratio Lower Upper
 180 100
 182 95.2 75.4 113.2
 145 33.8 26.8 40.2



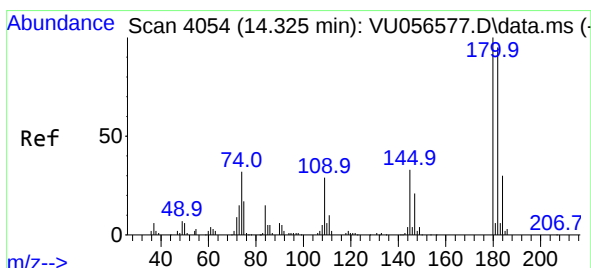
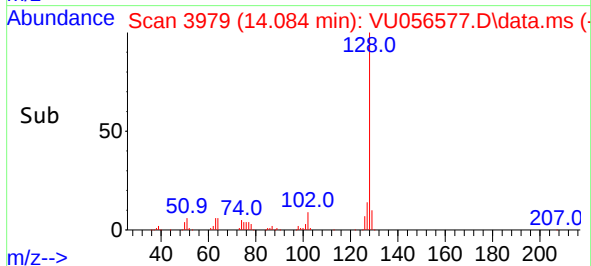
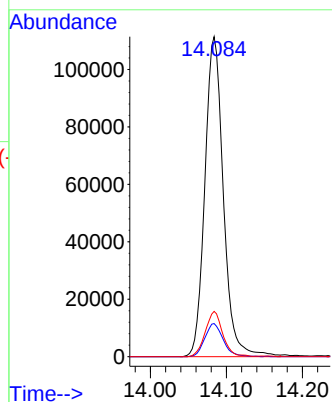


#71
Naphthalene
Concen: 4.950 ug/L
RT: 14.084 min Scan# 3979
Delta R.T. 0.003 min
Lab File: VU056577.D
Acq: 22 Nov 2023 09:02

Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion:128 Resp: 188597
Ion Ratio Lower Upper
128 100
129 10.3 8.6 12.8
127 13.4 10.3 15.5



#72
1,2,3-Trichlorobenzene
Concen: 5.461 ug/L
RT: 14.325 min Scan# 4054
Delta R.T. 0.003 min
Lab File: VU056577.D
Acq: 22 Nov 2023 09:02

Tgt Ion:180 Resp: 113440
Ion Ratio Lower Upper
180 100
182 94.4 78.6 117.8
145 34.6 29.0 43.6

