

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU112123\
 Data File : VU056562.D
 Acq On : 21 Nov 2023 19:35
 Operator : MD/SY
 Sample : VSTDCCC005
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Nov 21 23:38:00 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR111323WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Nov 21 23:30:53 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	253868	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	246585	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	127037	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	103542	5.453	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	= 109.000%		
7) Chloroethane-d5	1.907	69	71674	4.923	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	= 98.400%		
11) 1,1-Dichloroethene-d2	2.563	65	44369	5.295	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	= 105.800%		
20) 2-Butanone-d5	4.618	46	221284	58.443	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	= 116.880%		
24) Chloroform-d	5.055	84	197211	5.369	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	= 107.400%		
26) 1,2-Dichloroethane-d4	5.695	65	95058	5.601	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	= 112.000%		
32) Benzene-d6	5.721	84	377126	5.133	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	= 102.600%		
36) 1,2-Dichloropropane-d6	6.682	67	117307	5.298	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	= 106.000%		
41) Toluene-d8	7.894	98	343400	5.293	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	= 105.800%		
43) trans-1,3-Dichloroprop...	8.174	79	45250	5.328	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	= 106.600%		
46) 2-Hexanone-d5	8.627	63	204012	61.133	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	= 122.260%		
56) 1,1,2,2-Tetrachloroeth...	10.750	84	89166	5.636	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	= 112.800%		
66) 1,2-Dichlorobenzene-d4	12.187	152	118497	5.049	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	= 101.000%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.383	85	96368	4.791	ug/L	99
3) Chloromethane	1.515	50	96779	4.708	ug/L	98
5) Vinyl chloride	1.602	62	96439	4.870	ug/L	96
6) Bromomethane	1.853	94	44988	4.488	ug/L	95
8) Chloroethane	1.930	64	55227	4.565	ug/L	95
9) Trichlorofluoromethane	2.136	101	145688	5.105	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.576	101	85644	5.055	ug/L	99
12) 1,1-Dichloroethene	2.576	96	82507	5.309	ug/L	93
13) Acetone	2.631	43	146291	45.364	ug/L	99
14) Carbon disulfide	2.788	76	215911	4.270	ug/L	98
15) Methyl Acetate	2.946	43	30550	5.323	ug/L	96
16) Methylene chloride	3.039	84	104414	5.077	ug/L	97
17) Methyl tert-butyl Ether	3.354	73	213553	5.656	ug/L	99
18) trans-1,2-Dichloroethene	3.348	96	83521	5.224	ug/L	99
19) 1,1-Dichloroethane	3.862	63	176375	5.569	ug/L	99
21) 2-Butanone	4.698	43	214730	51.315	ug/L	96
22) cis-1,2-Dichloroethene	4.660	96	98804	5.449	ug/L	98
23) Bromochloromethane	4.968	128	42260	5.662	ug/L	96
25) Chloroform	5.081	83	190683	5.557	ug/L	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU112123\
 Data File : VU056562.D
 Acq On : 21 Nov 2023 19:35
 Operator : MD/SY
 Sample : VSTDCCC005
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 26 Sample Multiplier: 1

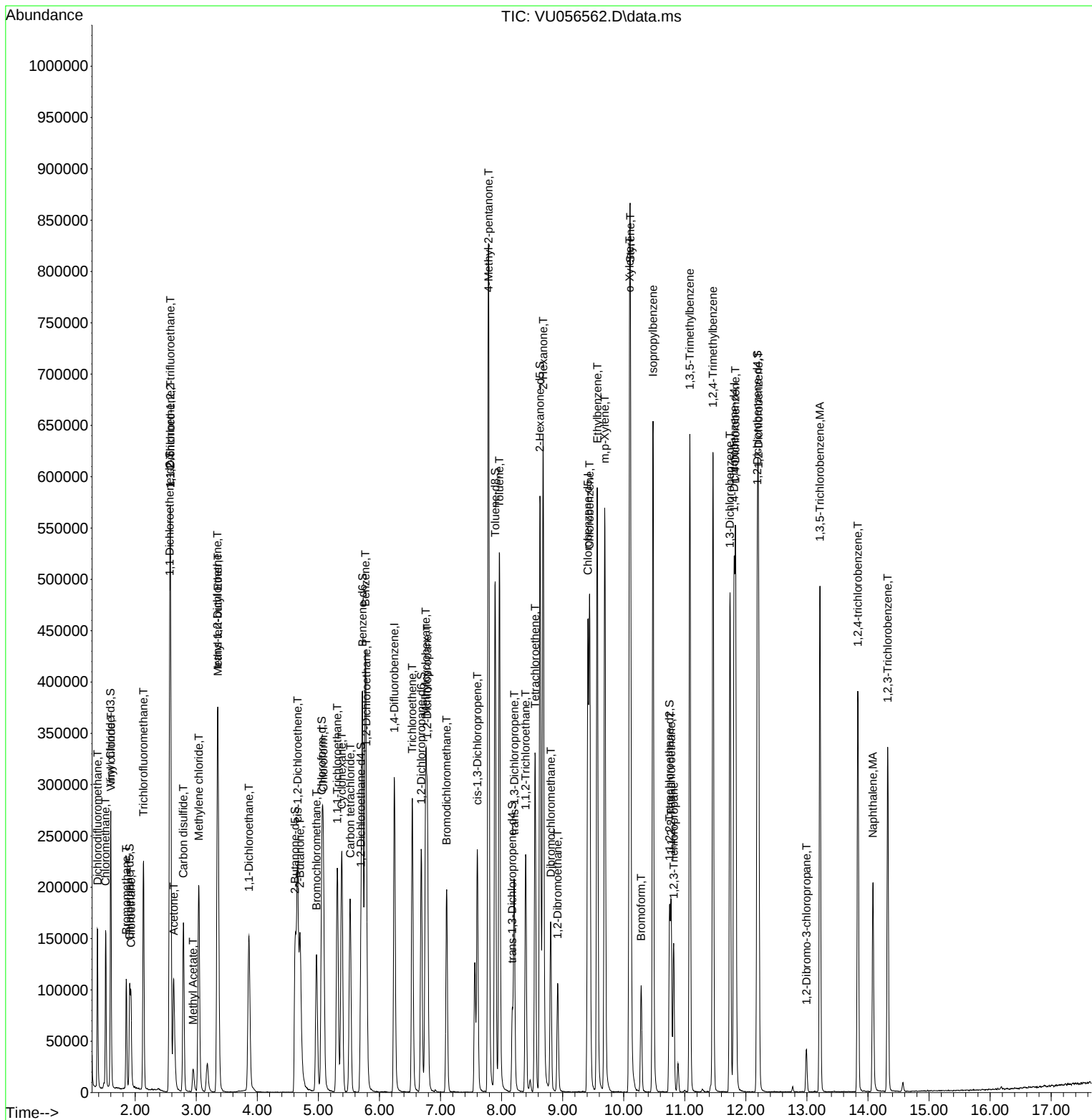
Instrument :
 MSVOA_U
 ClientSampleId :

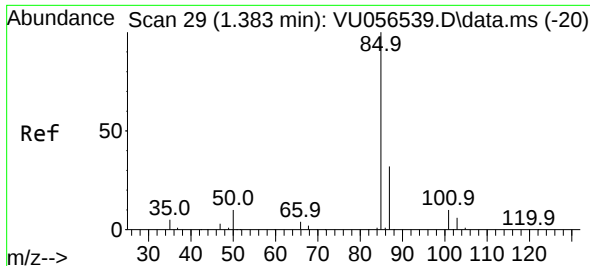
Quant Time: Nov 21 23:38:00 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR111323WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Nov 21 23:30:53 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.785	62	110847	5.689	ug/L	98
29) 1,1,1-Trichloroethane	5.309	97	162503	5.741	ug/L	99
30) Cyclohexane	5.380	56	117206	4.363	ug/L	98
31) Carbon tetrachloride	5.521	117	131333	5.402	ug/L	99
33) Benzene	5.769	78	380046	5.402	ug/L	100
34) Trichloroethene	6.538	95	103379	5.393	ug/L	98
35) Methylcyclohexane	6.756	83	123208	4.452	ug/L	99
37) 1,2-Dichloropropane	6.782	63	102048	5.562	ug/L	100
38) Bromodichloromethane	7.100	83	132929	5.612	ug/L	100
39) cis-1,3-Dichloropropene	7.602	75	146655	5.439	ug/L	97
40) 4-Methyl-2-pentanone	7.785	43	515456	56.672	ug/L	99
42) Toluene	7.962	91	401145	5.507	ug/L	99
44) trans-1,3-Dichloropropene	8.206	75	123894	5.764	ug/L	96
45) 1,1,2-Trichloroethane	8.393	97	72165	5.906	ug/L	97
47) Tetrachloroethene	8.547	164	70466	5.451	ug/L	99
48) 2-Hexanone	8.679	43	394450	55.668	ug/L	98
49) Dibromochloromethane	8.804	129	83387	6.001	ug/L	91
50) 1,2-Dibromoethane	8.917	107	68577	5.944	ug/L	100
51) Chlorobenzene	9.441	112	257627	5.504	ug/L	97
52) Ethylbenzene	9.566	91	438361	5.419	ug/L	99
53) m,p-Xylene	9.689	106	160023	5.381	ug/L	98
54) o-Xylene	10.097	106	160625	5.561	ug/L	97
55) Styrene	10.110	104	275902	5.742	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.775	83	88173	5.909	ug/L	99
59) Bromoform	10.283	173	47785	6.039	ug/L	99
60) Isopropylbenzene	10.480	105	430405	5.253	ug/L	99
61) 1,2,3-Trichloropropane	10.817	75	61579	5.649	ug/L	98
62) 1,3,5-Trimethylbenzene	11.081	105	352839	5.245	ug/L	98
63) 1,2,4-Trimethylbenzene	11.460	105	354290	5.336	ug/L	99
64) 1,3-Dichlorobenzene	11.740	146	199011	5.340	ug/L	98
65) 1,4-Dichlorobenzene	11.830	146	197961	5.296	ug/L	99
67) 1,2-Dichlorobenzene	12.206	146	187941	5.497	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.991	75	12055	5.178	ug/L	87
69) 1,3,5-Trichlorobenzene	13.213	180	146365	5.216	ug/L	99
70) 1,2,4-trichlorobenzene	13.833	180	114379	5.005	ug/L	97
71) Naphthalene	14.081	128	167138	4.841	ug/L	99
72) 1,2,3-Trichlorobenzene	14.322	180	101260	5.379	ug/L	97

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

Quant Time: Nov 21 23:38:00 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR111323WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Tue Nov 21 23:30:53 2023
Response via : Initial Calibration

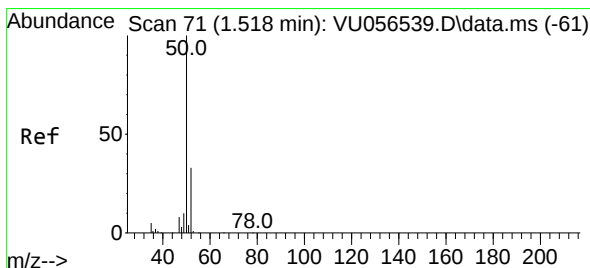
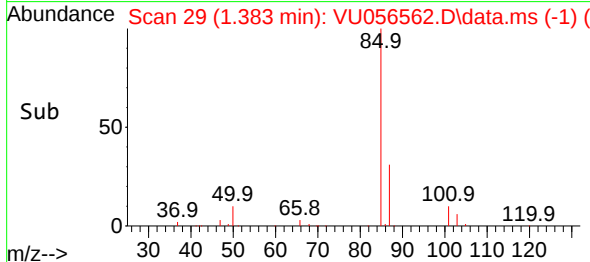
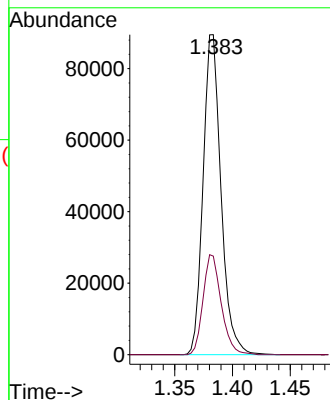
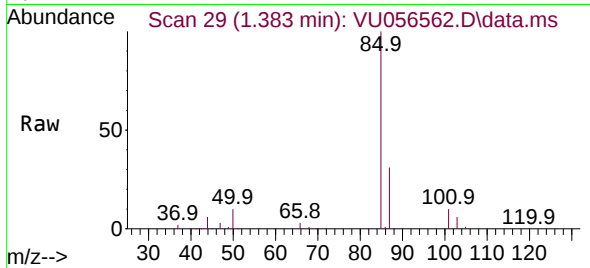




#2
 Dichlorodifluoromethane
 Concen: 4.791 ug/L
 RT: 1.383 min Scan# 29
 Delta R.T. 0.000 min
 Lab File: VU056562.D
 Acq: 21 Nov 2023 19:35

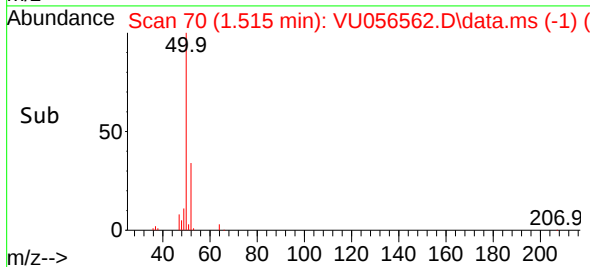
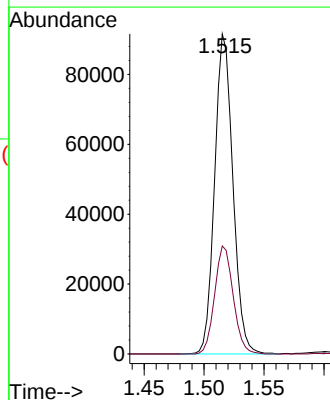
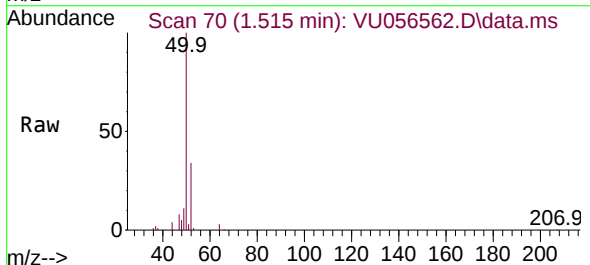
Instrument :
 MSVOA_U
 ClientSampleId :

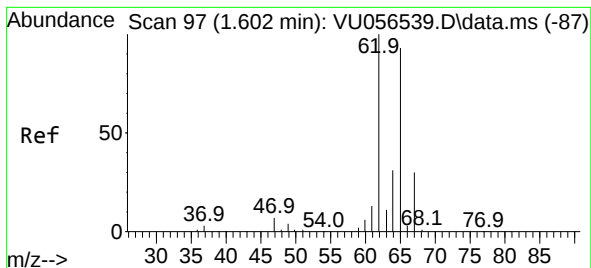
Tgt Ion: 85 Resp: 96368
 Ion Ratio Lower Upper
 85 100
 87 31.7 25.0 37.4



#3
 Chloromethane
 Concen: 4.708 ug/L
 RT: 1.515 min Scan# 70
 Delta R.T. -0.003 min
 Lab File: VU056562.D
 Acq: 21 Nov 2023 19:35

Tgt Ion: 50 Resp: 96779
 Ion Ratio Lower Upper
 50 100
 52 33.8 24.3 45.1





#5

Vinyl chloride

Concen: 4.870 ug/L

RT: 1.602 min Scan# 91

Delta R.T. 0.000 min

Lab File: VU056562.D

Acq: 21 Nov 2023 19:35

Instrument :

MSVOA_U

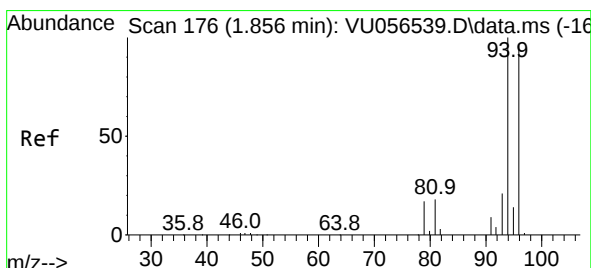
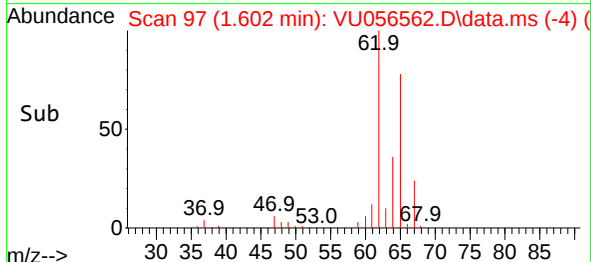
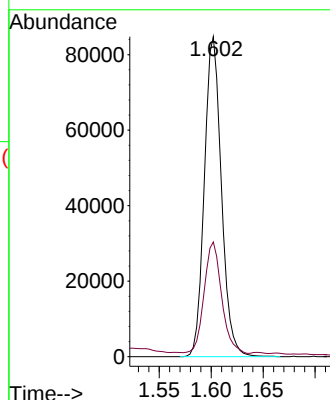
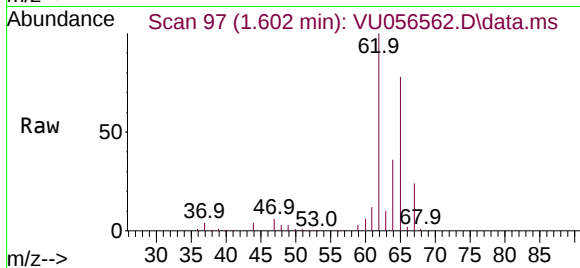
ClientSampleId :

Tgt Ion: 62 Resp: 96439

Ion Ratio Lower Upper

62 100

64 35.8 23.3 43.3



#6

Bromomethane

Concen: 4.488 ug/L

RT: 1.853 min Scan# 175

Delta R.T. -0.003 min

Lab File: VU056562.D

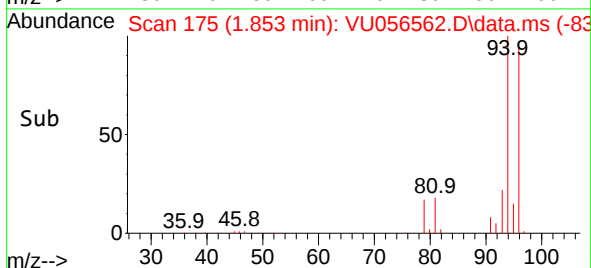
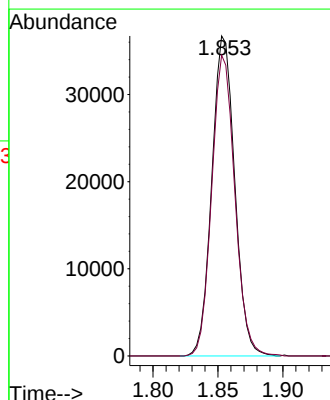
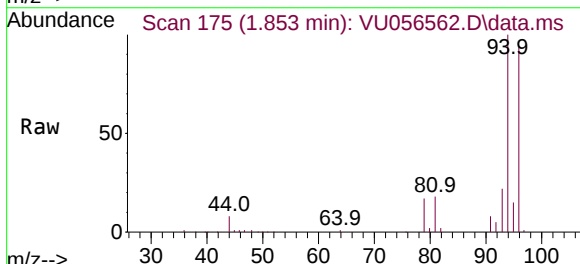
Acq: 21 Nov 2023 19:35

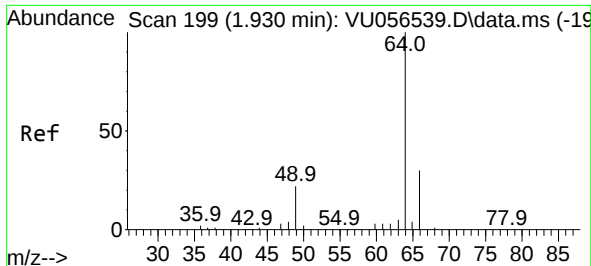
Tgt Ion: 94 Resp: 44988

Ion Ratio Lower Upper

94 100

96 94.0 62.6 116.2

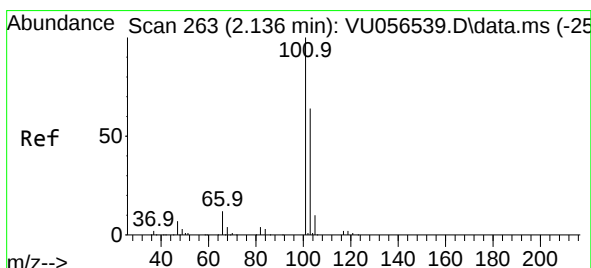
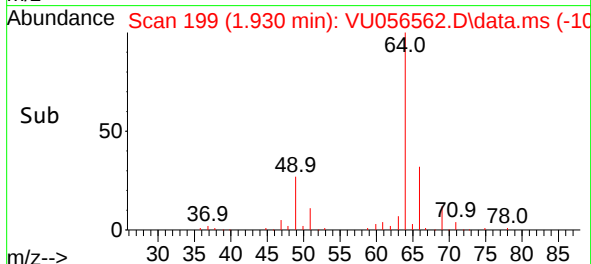
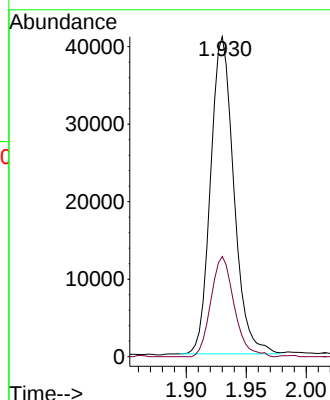
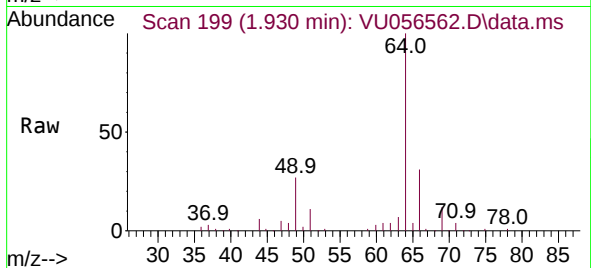




#8
Chloroethane
Concen: 4.565 ug/L
RT: 1.930 min Scan# 199
Delta R.T. 0.000 min
Lab File: VU056562.D
Acq: 21 Nov 2023 19:35

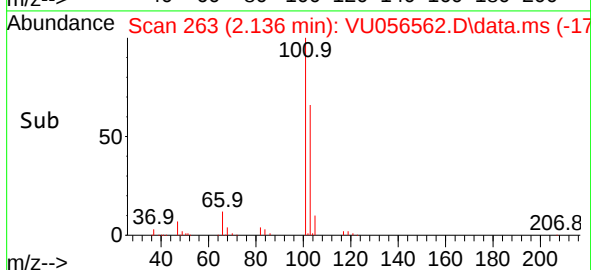
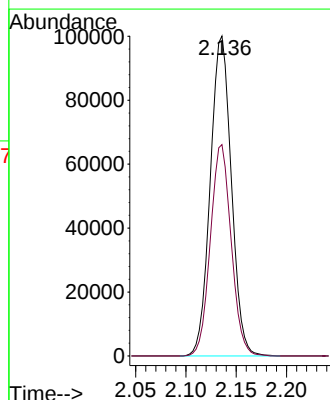
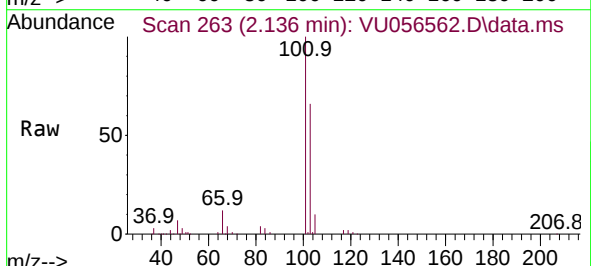
Instrument :
MSVOA_U
ClientSampleId :

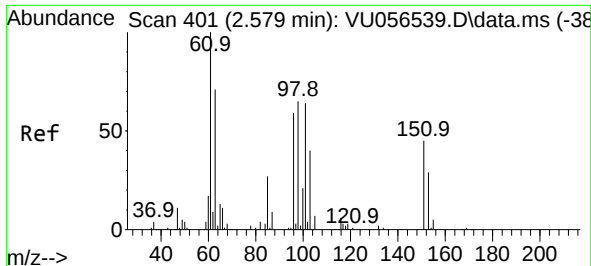
Tgt Ion: 64 Resp: 55227
Ion Ratio Lower Upper
64 100
66 31.3 23.9 44.5



#9
Trichlorofluoromethane
Concen: 5.105 ug/L
RT: 2.136 min Scan# 263
Delta R.T. 0.000 min
Lab File: VU056562.D
Acq: 21 Nov 2023 19:35

Tgt Ion:101 Resp: 145688
Ion Ratio Lower Upper
101 100
103 65.3 52.0 78.0

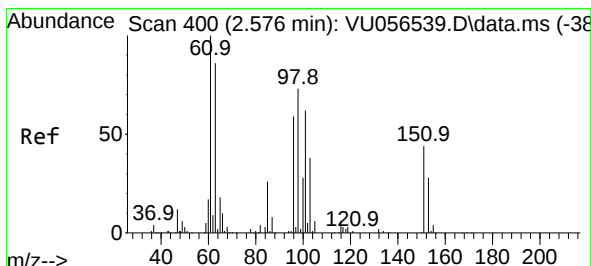
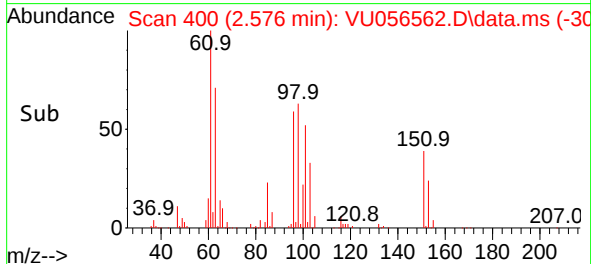
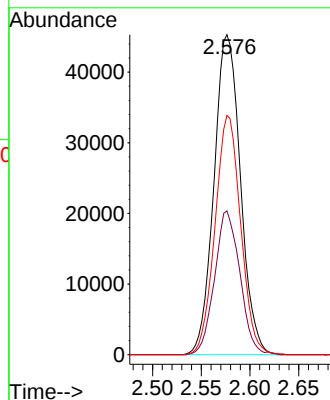
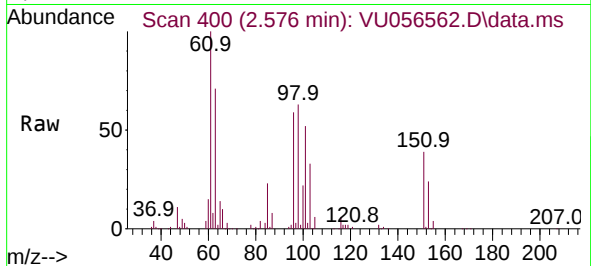




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 5.055 ug/L
 RT: 2.576 min Scan# 401
 Delta R.T. -0.003 min
 Lab File: VU056562.D
 Acq: 21 Nov 2023 19:35

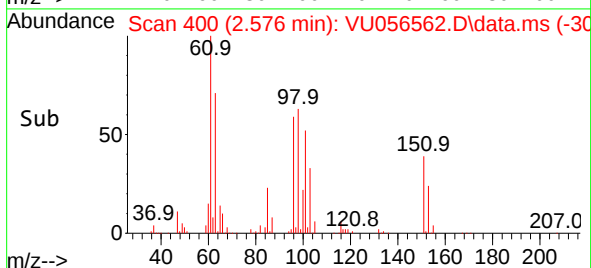
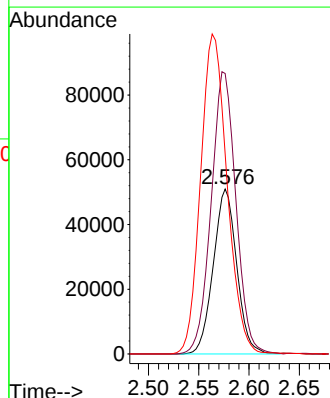
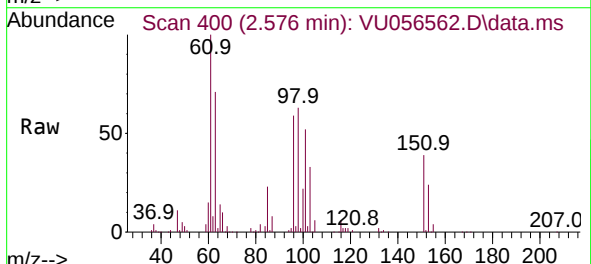
Instrument :
 MSVOA_U
 ClientSampleId :

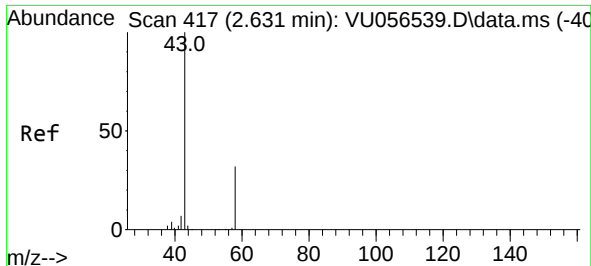
Tgt Ion:101 Resp: 85644
 Ion Ratio Lower Upper
 101 100
 85 42.9 35.4 53.0
 151 72.4 58.0 87.0



#12
 1,1-Dichloroethene
 Concen: 5.309 ug/L
 RT: 2.576 min Scan# 400
 Delta R.T. 0.000 min
 Lab File: VU056562.D
 Acq: 21 Nov 2023 19:35

Tgt Ion: 96 Resp: 82507
 Ion Ratio Lower Upper
 96 100
 61 170.1 123.1 228.7
 63 121.2 93.3 173.3





#13

Acetone

Concen: 45.364 ug/L

RT: 2.631 min Scan# 417

Delta R.T. 0.000 min

Lab File: VU056562.D

Acq: 21 Nov 2023 19:35

Instrument :

MSVOA_U

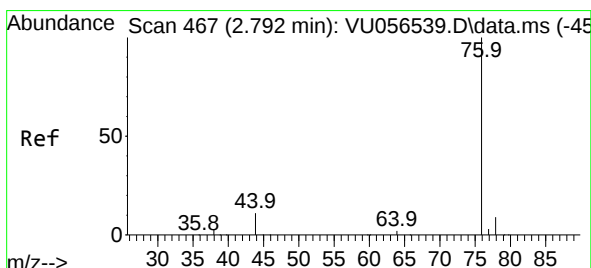
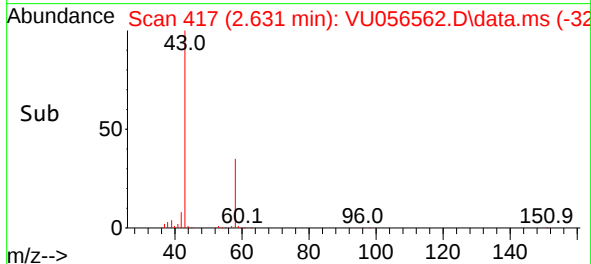
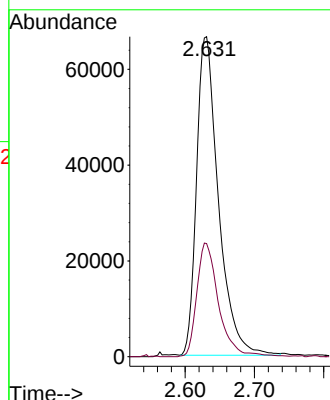
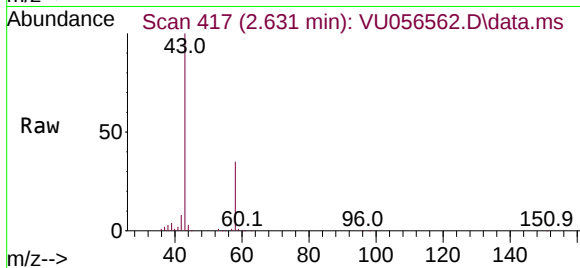
ClientSampleId :

Tgt Ion: 43 Resp: 146291

Ion Ratio Lower Upper

43 100

58 35.5 0.0 70.0



#14

Carbon disulfide

Concen: 4.270 ug/L

RT: 2.788 min Scan# 466

Delta R.T. -0.003 min

Lab File: VU056562.D

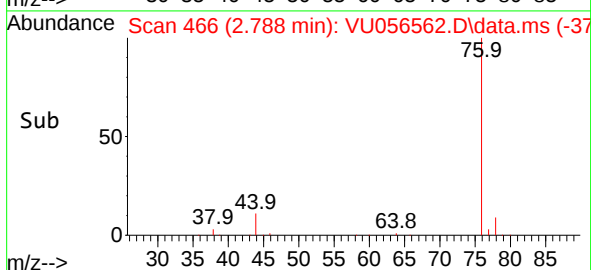
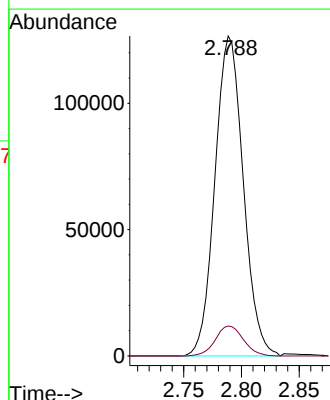
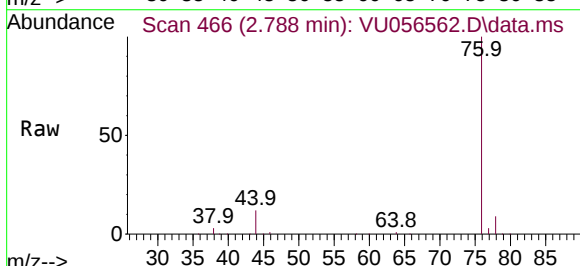
Acq: 21 Nov 2023 19:35

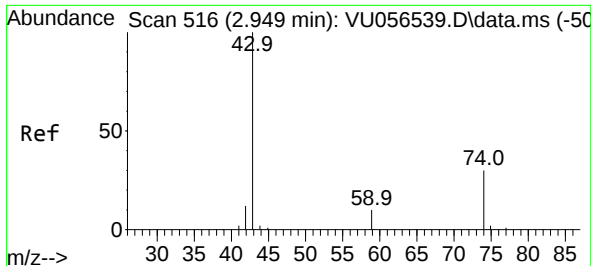
Tgt Ion: 76 Resp: 215911

Ion Ratio Lower Upper

76 100

78 9.3 6.8 10.2

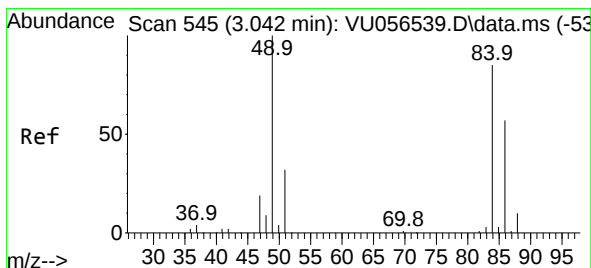
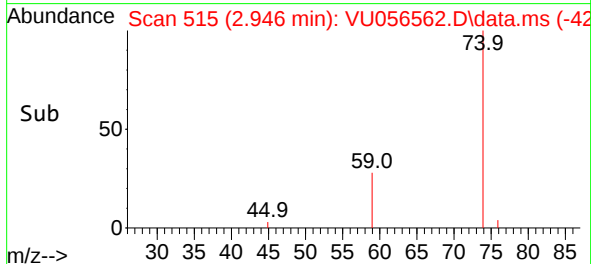
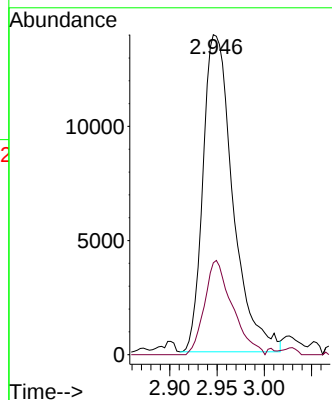
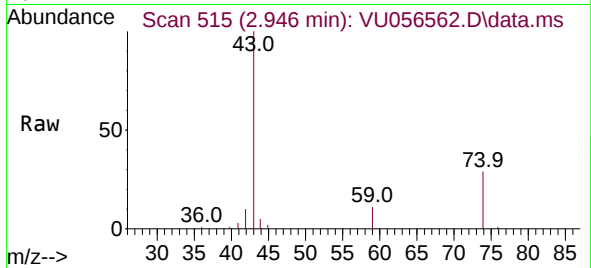




#15
Methyl Acetate
Concen: 5.323 ug/L
RT: 2.946 min Scan# 516
Delta R.T. -0.003 min
Lab File: VU056562.D
Acq: 21 Nov 2023 19:35

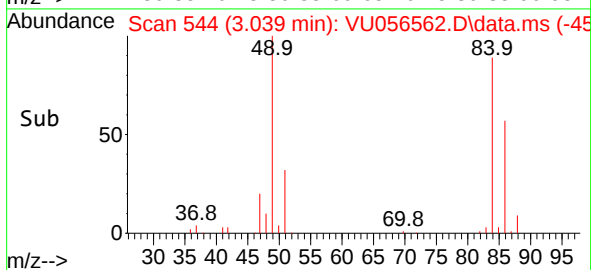
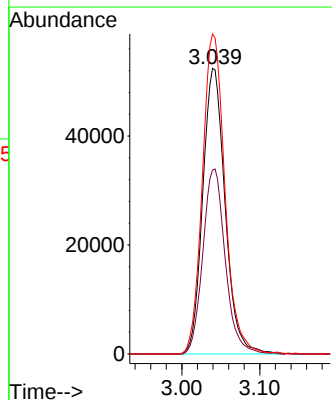
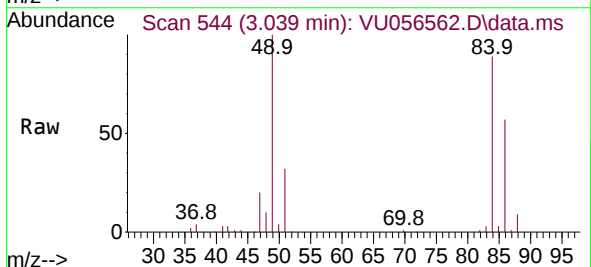
Instrument :
MSVOA_U
ClientSampleId :

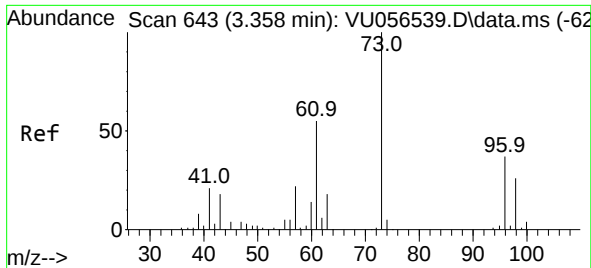
Tgt Ion: 43 Resp: 30550
Ion Ratio Lower Upper
43 100
74 27.6 20.6 31.0



#16
Methylene chloride
Concen: 5.077 ug/L
RT: 3.039 min Scan# 544
Delta R.T. -0.003 min
Lab File: VU056562.D
Acq: 21 Nov 2023 19:35

Tgt Ion: 84 Resp: 104414
Ion Ratio Lower Upper
84 100
86 64.4 44.7 83.1
49 112.1 81.8 152.0

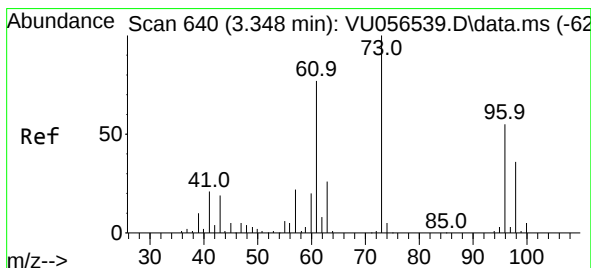
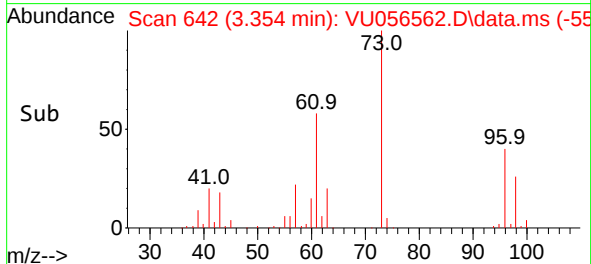
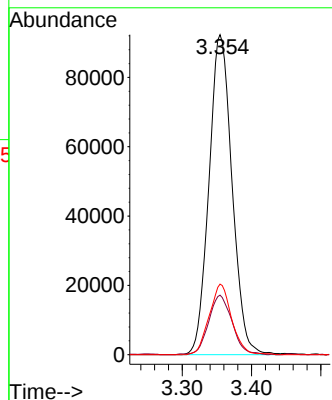
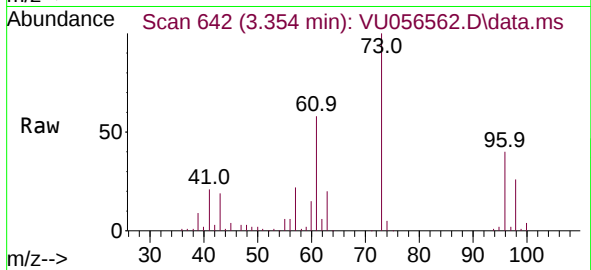




#17
Methyl tert-butyl Ether
Concen: 5.656 ug/L
RT: 3.354 min Scan# 64
Delta R.T. -0.003 min
Lab File: VU056562.D
Acq: 21 Nov 2023 19:35

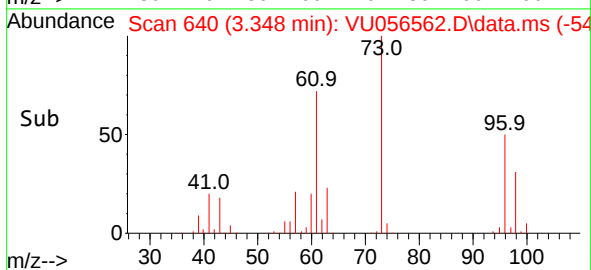
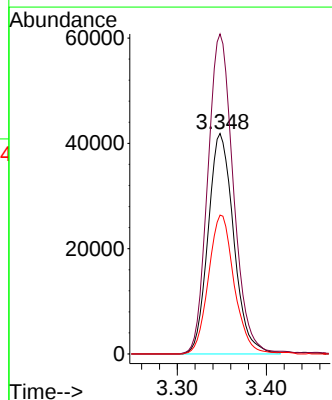
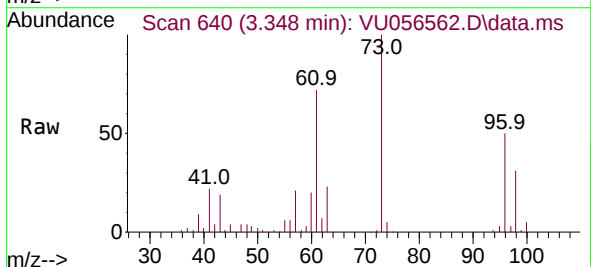
Instrument :
MSVOA_U
ClientSampleId :

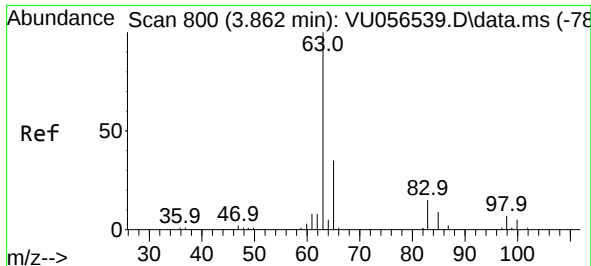
Tgt Ion: 73 Resp: 213553
Ion Ratio Lower Upper
73 100
43 18.9 15.1 22.7
57 21.3 17.8 26.8



#18
trans-1,2-Dichloroethene
Concen: 5.224 ug/L
RT: 3.348 min Scan# 640
Delta R.T. 0.000 min
Lab File: VU056562.D
Acq: 21 Nov 2023 19:35

Tgt Ion: 96 Resp: 83521
Ion Ratio Lower Upper
96 100
61 145.1 101.7 188.9
98 63.0 43.0 80.0





#19

1,1-Dichloroethane

Concen: 5.569 ug/L

RT: 3.862 min Scan# 80

Delta R.T. 0.000 min

Lab File: VU056562.D

Acq: 21 Nov 2023 19:35

Instrument :

MSVOA_U

ClientSampleId :

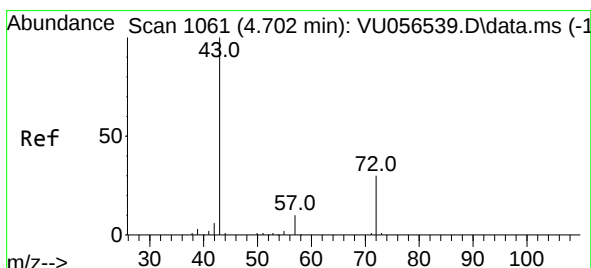
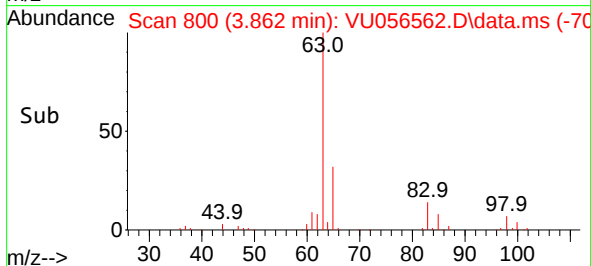
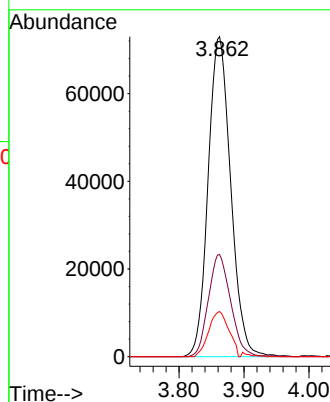
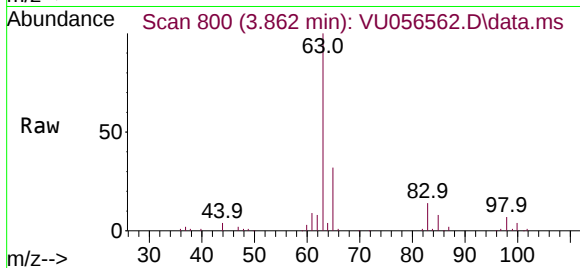
Tgt Ion: 63 Resp: 176375

Ion Ratio Lower Upper

63 100

65 31.9 21.8 40.6

83 14.1 9.7 17.9



#21

2-Butanone

Concen: 51.315 ug/L

RT: 4.698 min Scan# 1060

Delta R.T. -0.003 min

Lab File: VU056562.D

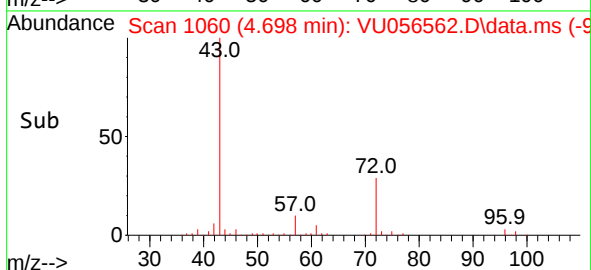
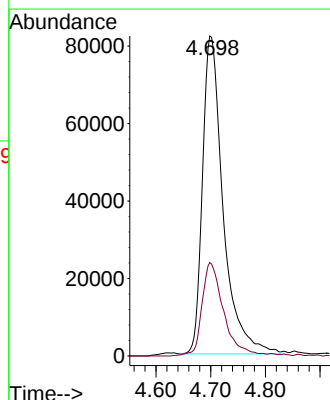
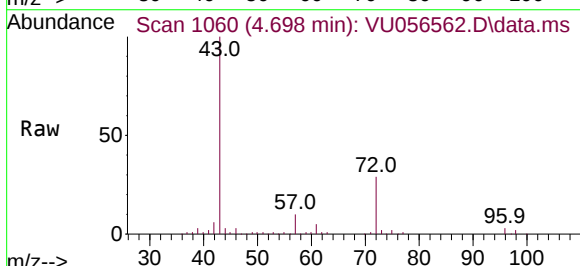
Acq: 21 Nov 2023 19:35

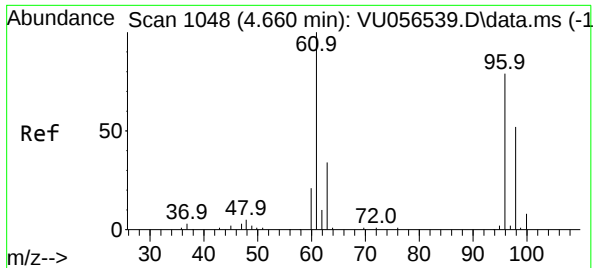
Tgt Ion: 43 Resp: 214730

Ion Ratio Lower Upper

43 100

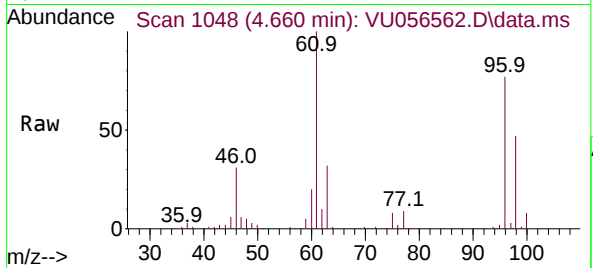
72 30.4 14.2 42.6



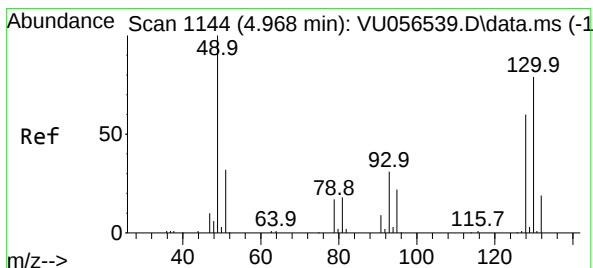
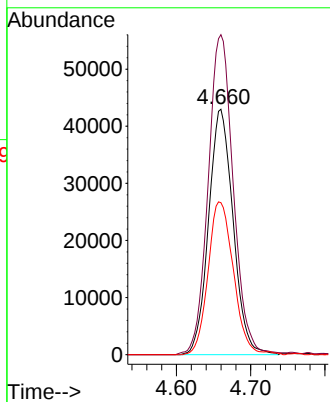
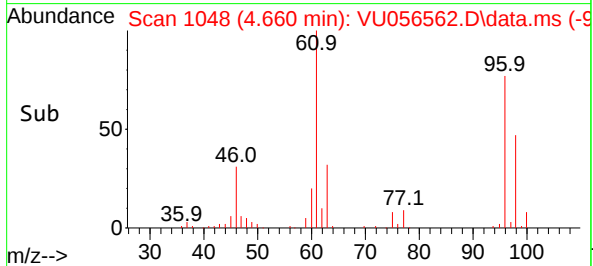


#22
 cis-1,2-Dichloroethene
 Concen: 5.449 ug/L
 RT: 4.660 min Scan# 1048
 Delta R.T. 0.000 min
 Lab File: VU056562.D
 Acq: 21 Nov 2023 19:35

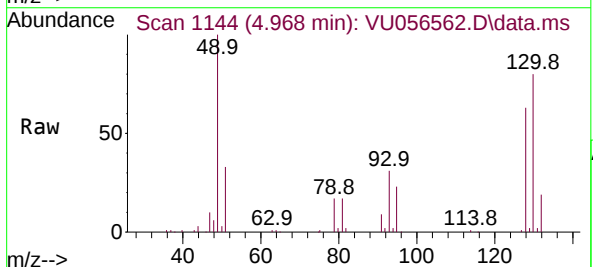
Instrument :
 MSVOA_U
 ClientSampleId :



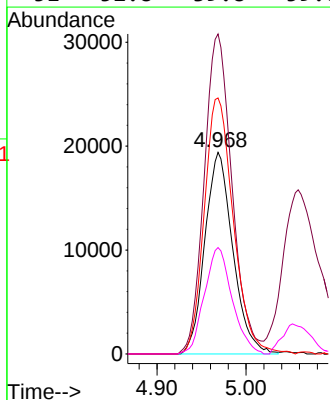
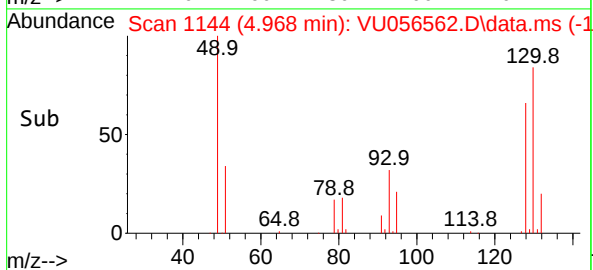
Tgt Ion:	96	Resp:	98804
Ion	Ratio	Lower	Upper
96	100		
61	130.3	93.2	173.2
98	61.9	44.8	83.2

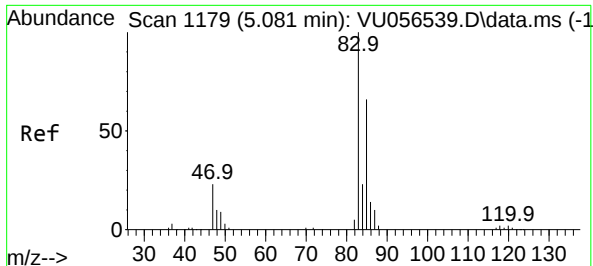


#23
 Bromochloromethane
 Concen: 5.662 ug/L
 RT: 4.968 min Scan# 1144
 Delta R.T. 0.000 min
 Lab File: VU056562.D
 Acq: 21 Nov 2023 19:35



Tgt Ion:	128	Resp:	42260
Ion	Ratio	Lower	Upper
128	100		
49	158.7	113.4	210.6
130	127.0	84.8	157.6
51	52.8	39.8	59.6





#25

Chloroform

Concen: 5.557 ug/L

RT: 5.081 min Scan# 1179

Delta R.T. 0.000 min

Lab File: VU056562.D

Acq: 21 Nov 2023 19:35

Instrument :

MSVOA_U

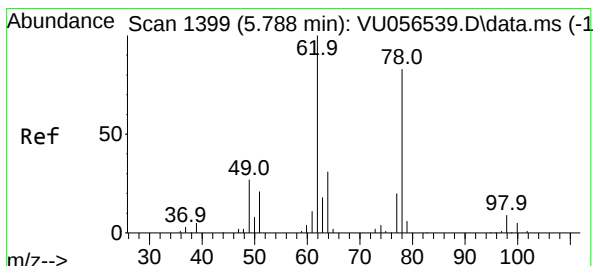
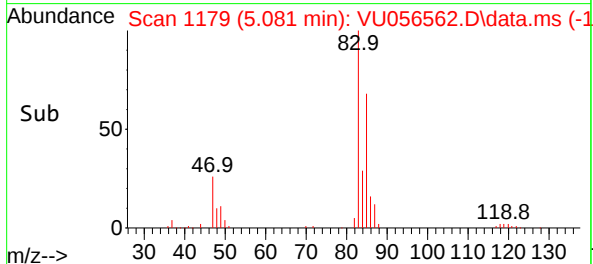
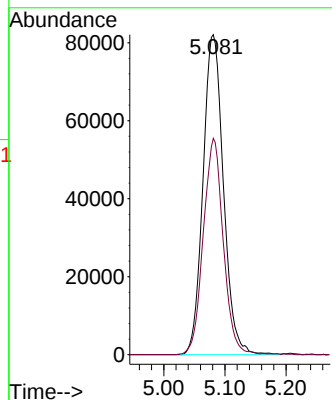
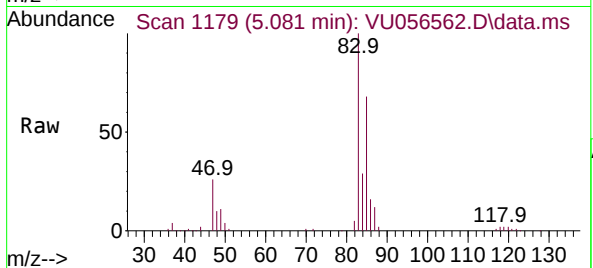
ClientSampleId :

Tgt Ion: 83 Resp: 190683

Ion Ratio Lower Upper

83 100

85 67.6 47.0 87.2



#27

1,2-Dichloroethane

Concen: 5.689 ug/L

RT: 5.785 min Scan# 1398

Delta R.T. -0.003 min

Lab File: VU056562.D

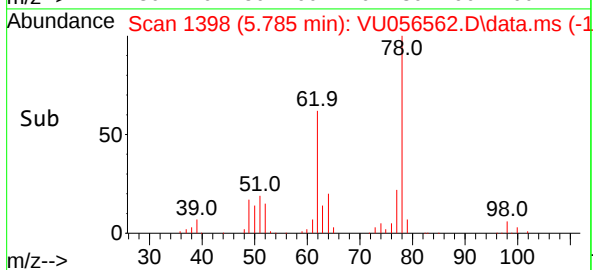
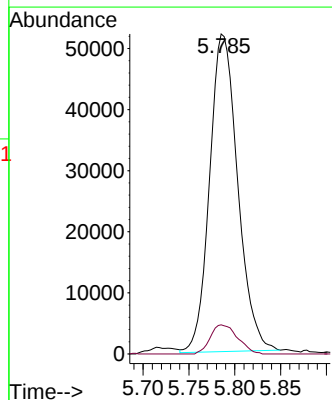
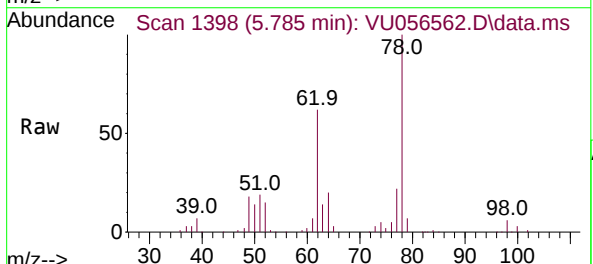
Acq: 21 Nov 2023 19:35

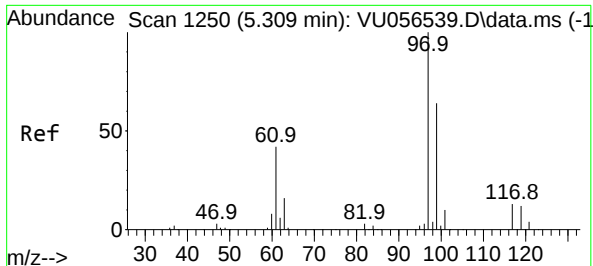
Tgt Ion: 62 Resp: 110847

Ion Ratio Lower Upper

62 100

98 9.1 6.6 10.0





#29

1,1,1-Trichloroethane

Concen: 5.741 ug/L

RT: 5.309 min Scan# 1

Delta R.T. 0.000 min

Lab File: VU056562.D

Acq: 21 Nov 2023 19:35

Instrument :

MSVOA_U

ClientSampleId :

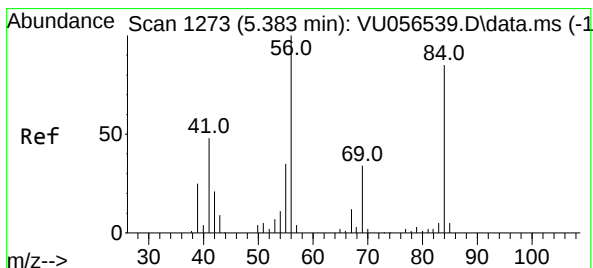
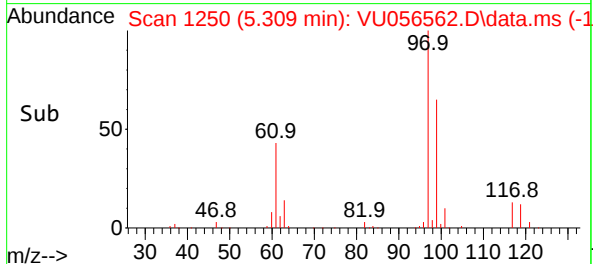
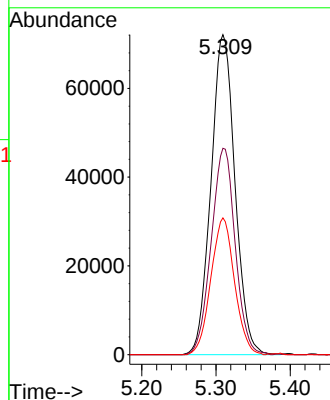
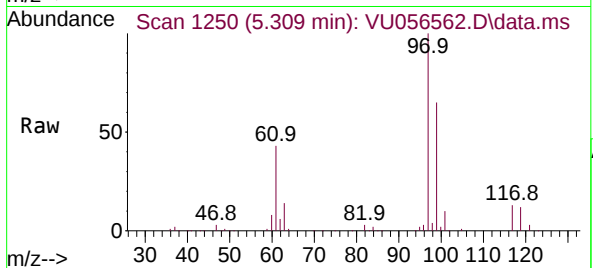
Tgt Ion: 97 Resp: 162503

Ion Ratio Lower Upper

97 100

99 64.3 51.6 77.4

61 42.0 34.3 51.5



#30

Cyclohexane

Concen: 4.363 ug/L

RT: 5.380 min Scan# 1272

Delta R.T. -0.003 min

Lab File: VU056562.D

Acq: 21 Nov 2023 19:35

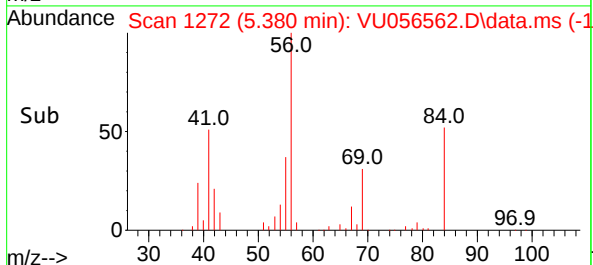
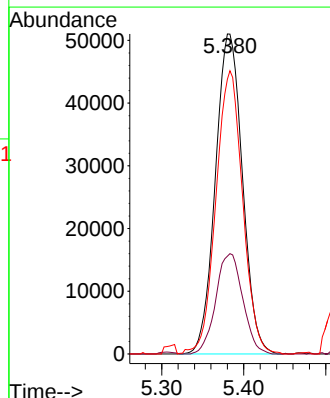
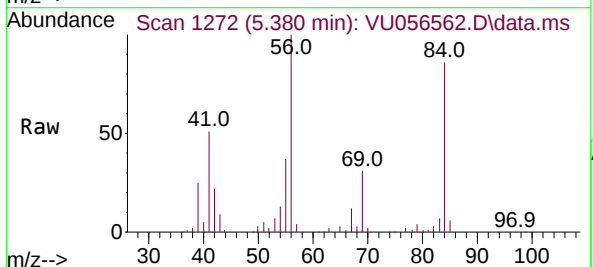
Tgt Ion: 56 Resp: 117206

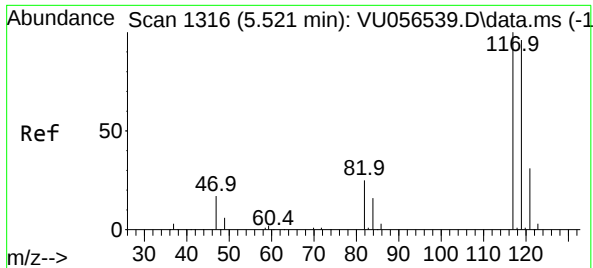
Ion Ratio Lower Upper

56 100

69 31.2 25.4 38.2

84 87.4 68.6 103.0

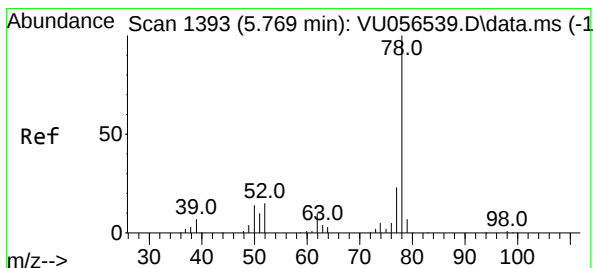
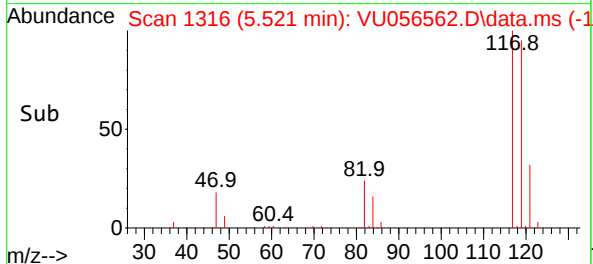
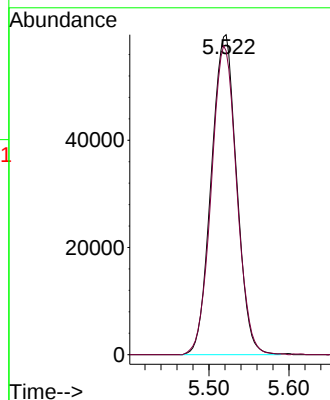
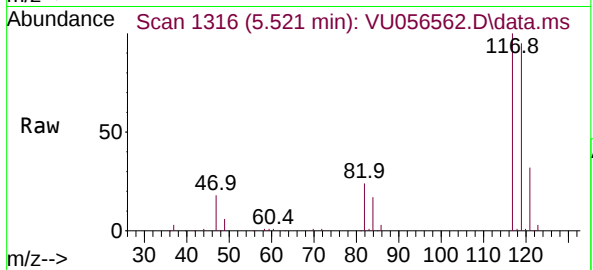




#31
Carbon tetrachloride
Concen: 5.402 ug/L
RT: 5.521 min Scan# 1316
Delta R.T. 0.000 min
Lab File: VU056562.D
Acq: 21 Nov 2023 19:35

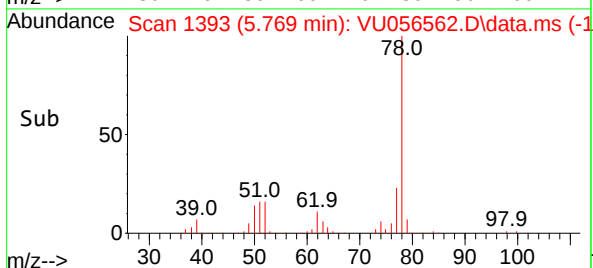
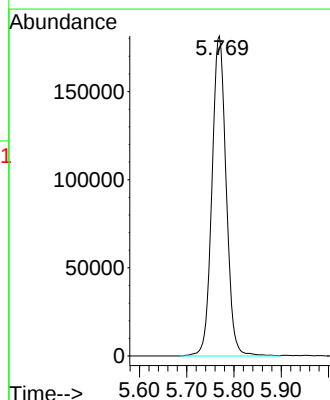
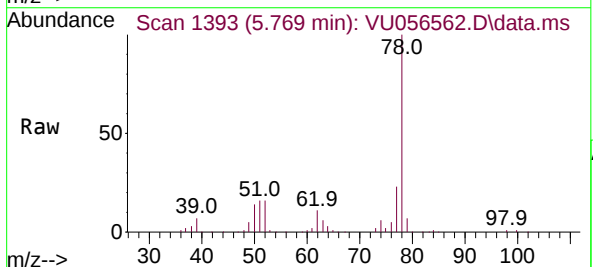
Instrument :
MSVOA_U
ClientSampleId :

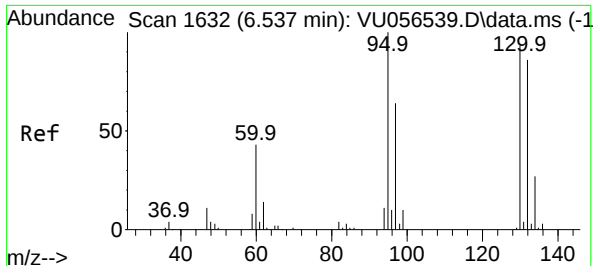
Tgt Ion:117 Resp: 131333
Ion Ratio Lower Upper
117 100
119 96.8 78.1 117.1



#33
Benzene
Concen: 5.402 ug/L
RT: 5.769 min Scan# 1393
Delta R.T. 0.000 min
Lab File: VU056562.D
Acq: 21 Nov 2023 19:35

Tgt Ion: 78 Resp: 380046

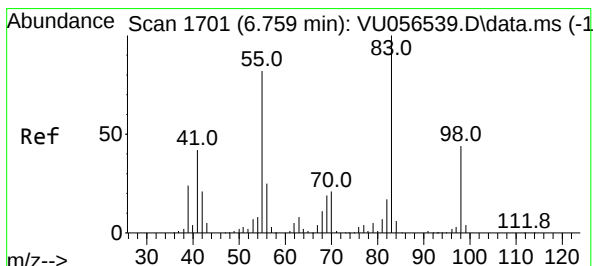
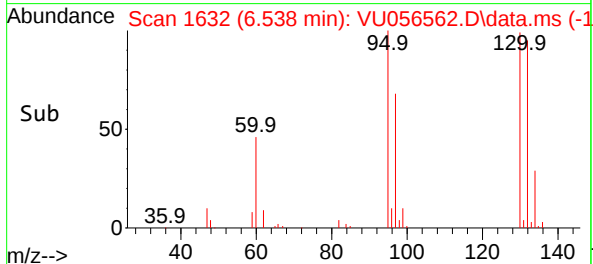
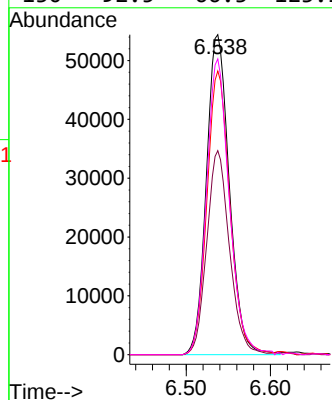
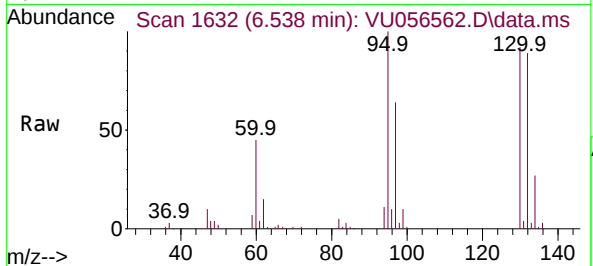




#34
Trichloroethene
Concen: 5.393 ug/L
RT: 6.538 min Scan# 1
Delta R.T. 0.000 min
Lab File: VU056562.D
Acq: 21 Nov 2023 19:35

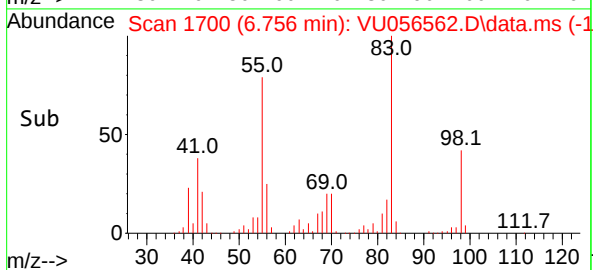
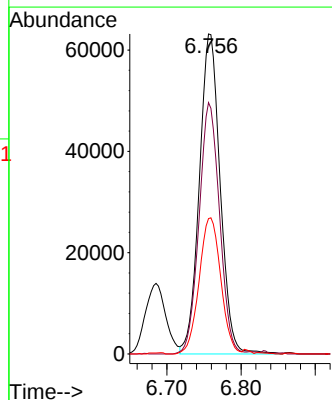
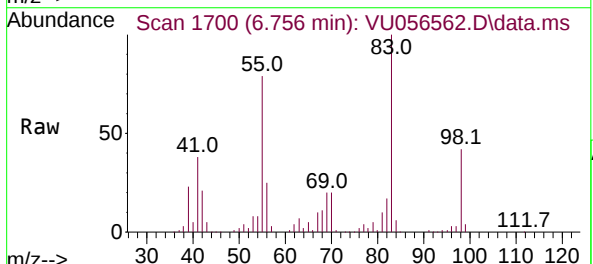
Instrument :
MSVOA_U
ClientSampleId :

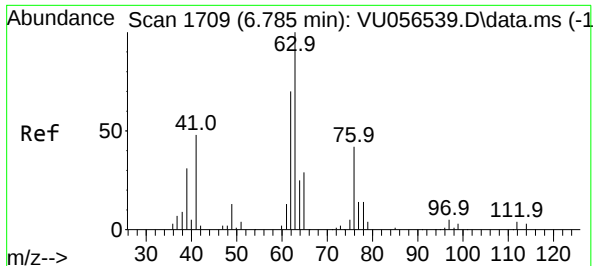
Tgt Ion: 95 Resp: 103379
Ion Ratio Lower Upper
95 100
97 63.8 46.5 86.3
132 88.6 62.0 115.2
130 92.5 66.3 123.1



#35
Methylcyclohexane
Concen: 4.452 ug/L
RT: 6.756 min Scan# 1700
Delta R.T. -0.003 min
Lab File: VU056562.D
Acq: 21 Nov 2023 19:35

Tgt Ion: 83 Resp: 123208
Ion Ratio Lower Upper
83 100
55 77.1 62.9 94.3
98 44.1 35.3 52.9





#37

1,2-Dichloropropane

Concen: 5.562 ug/L

RT: 6.782 min Scan# 1

Delta R.T. -0.003 min

Lab File: VU056562.D

Acq: 21 Nov 2023 19:35

Instrument :

MSVOA_U

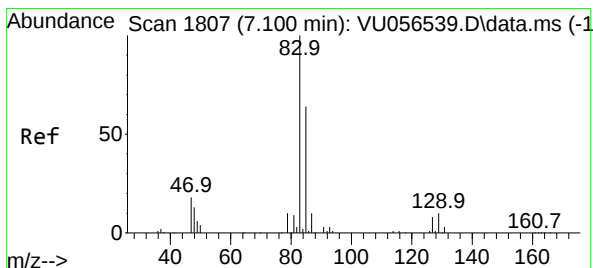
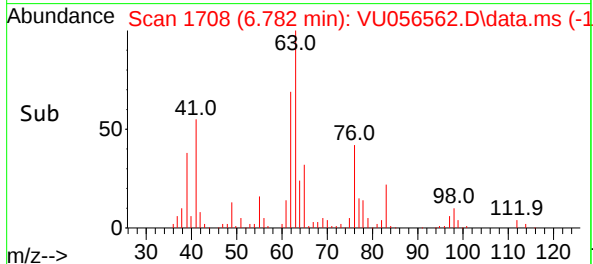
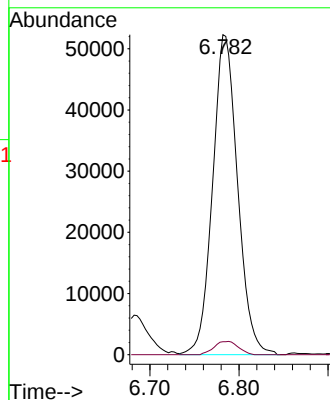
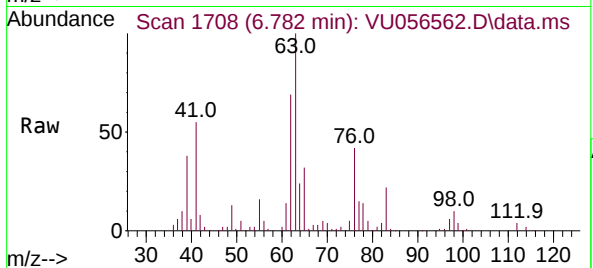
ClientSampleId :

Tgt Ion: 63 Resp: 102048

Ion Ratio Lower Upper

63 100

112 4.0 3.2 4.8



#38

Bromodichloromethane

Concen: 5.612 ug/L

RT: 7.100 min Scan# 1807

Delta R.T. 0.000 min

Lab File: VU056562.D

Acq: 21 Nov 2023 19:35

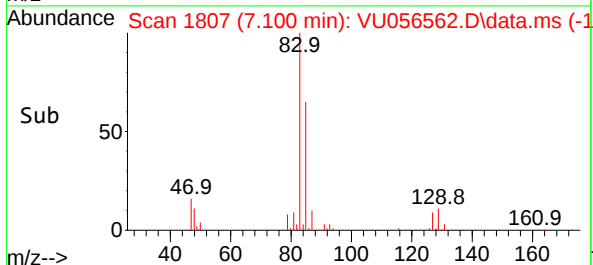
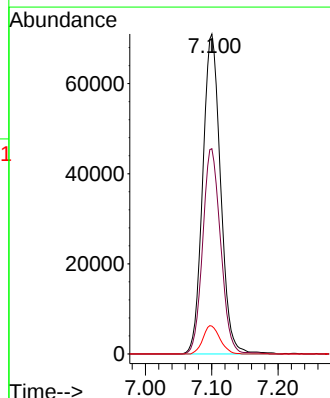
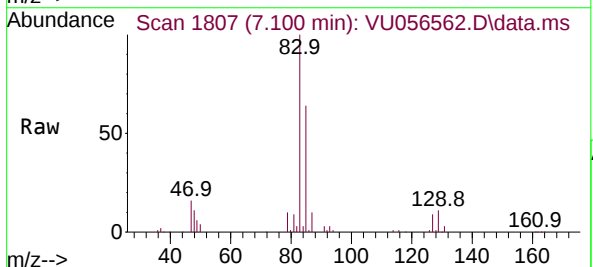
Tgt Ion: 83 Resp: 132929

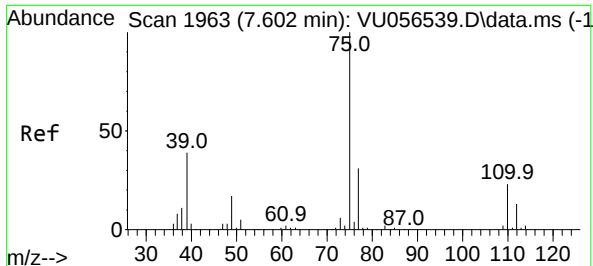
Ion Ratio Lower Upper

83 100

85 64.2 44.9 83.5

127 8.7 6.9 10.3





#39

cis-1,3-Dichloropropene

Concen: 5.439 ug/L

RT: 7.602 min Scan# 1963

Delta R.T. 0.000 min

Lab File: VU056562.D

Acq: 21 Nov 2023 19:35

Instrument :

MSVOA_U

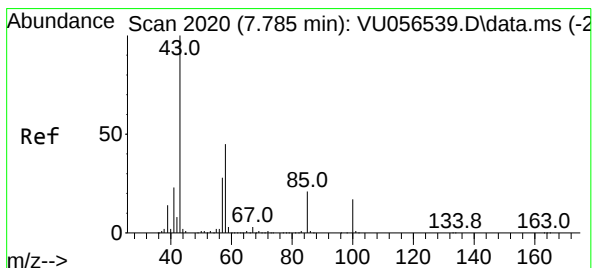
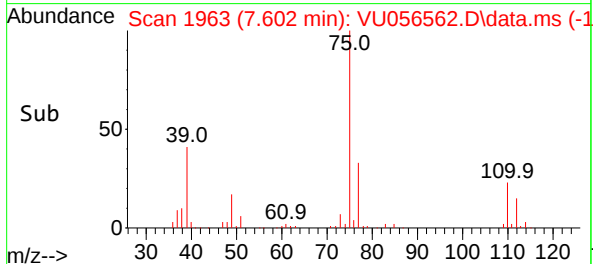
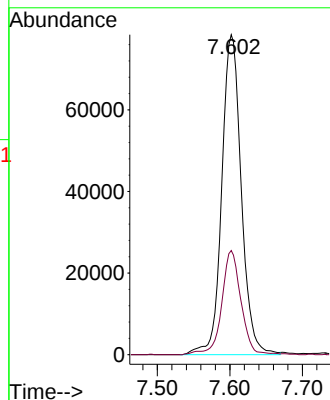
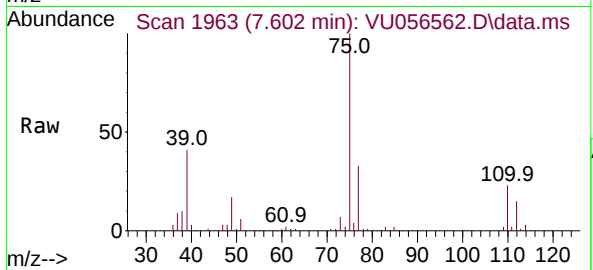
ClientSampleId :

Tgt Ion: 75 Resp: 146655

Ion Ratio Lower Upper

75 100

77 32.6 21.5 39.9



#40

4-Methyl-2-pentanone

Concen: 56.672 ug/L

RT: 7.785 min Scan# 2020

Delta R.T. 0.000 min

Lab File: VU056562.D

Acq: 21 Nov 2023 19:35

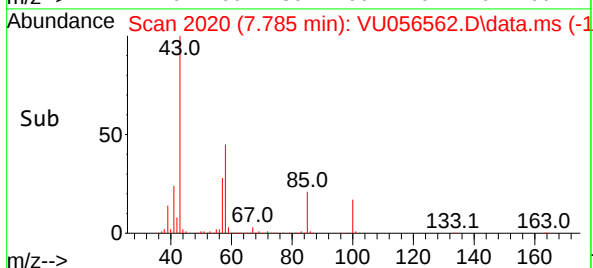
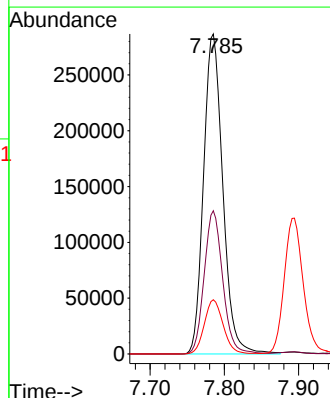
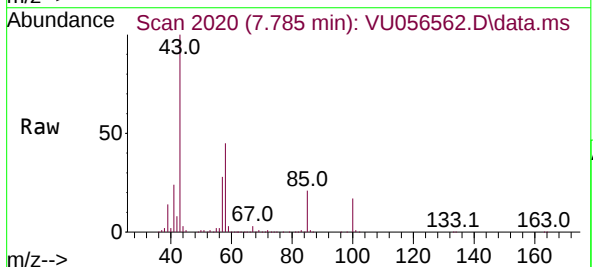
Tgt Ion: 43 Resp: 515456

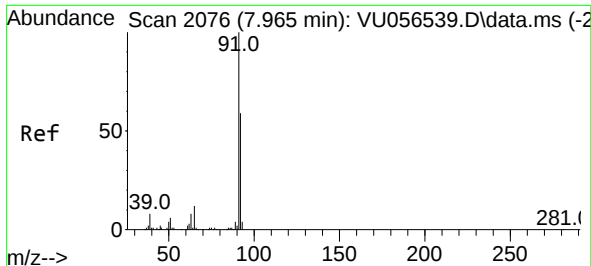
Ion Ratio Lower Upper

43 100

58 43.2 33.8 50.8

100 16.6 13.0 19.4





#42

Toluene

Concen: 5.507 ug/L

RT: 7.962 min Scan# 2076

Delta R.T. -0.003 min

Lab File: VU056562.D

Acq: 21 Nov 2023 19:35

Instrument :

MSVOA_U

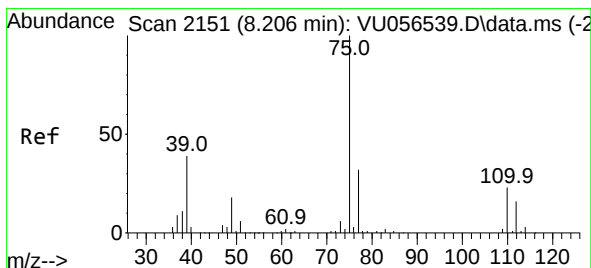
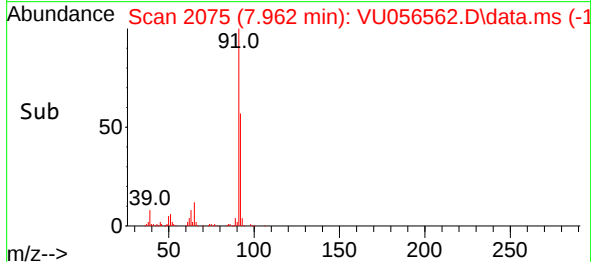
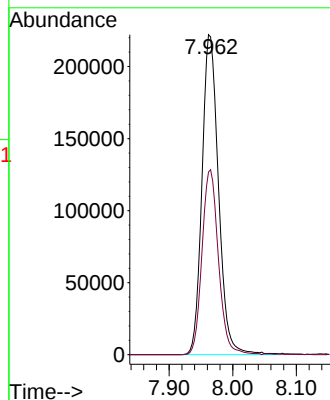
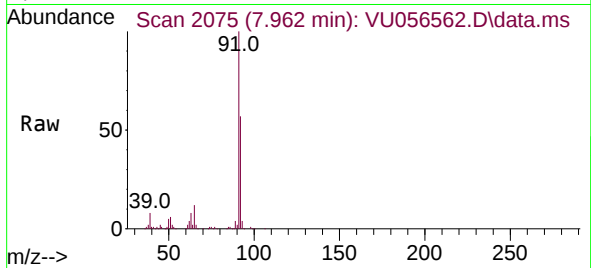
ClientSampleId :

Tgt Ion: 91 Resp: 401145

Ion Ratio Lower Upper

91 100

92 57.1 40.6 75.4



#44

trans-1,3-Dichloropropene

Concen: 5.764 ug/L

RT: 8.206 min Scan# 2151

Delta R.T. 0.000 min

Lab File: VU056562.D

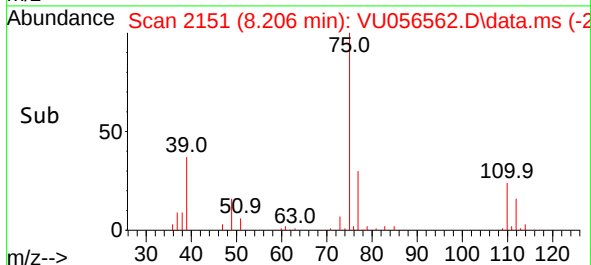
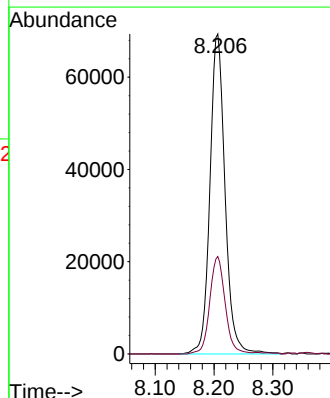
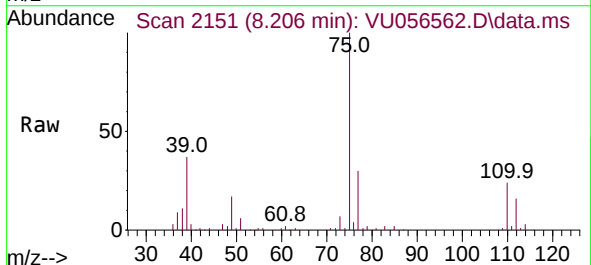
Acq: 21 Nov 2023 19:35

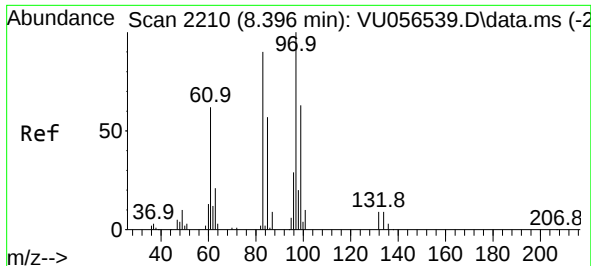
Tgt Ion: 75 Resp: 123894

Ion Ratio Lower Upper

75 100

77 30.4 22.8 42.4

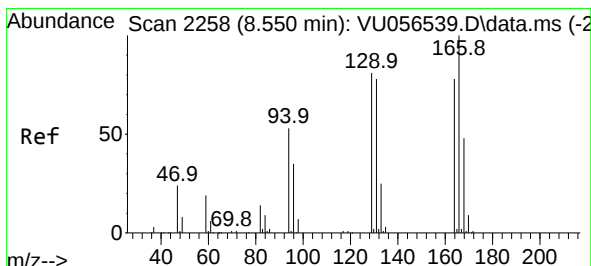
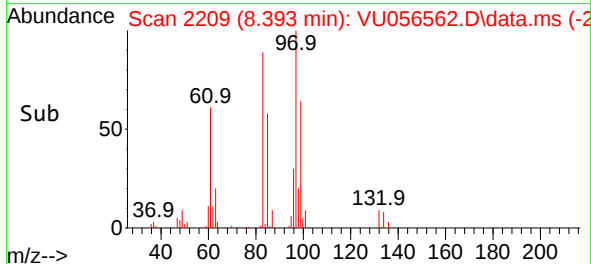
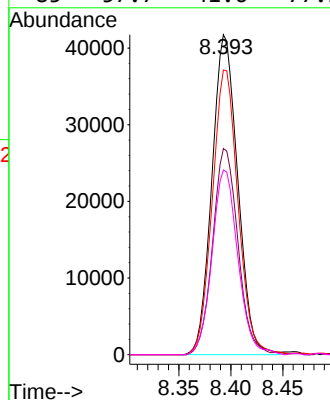
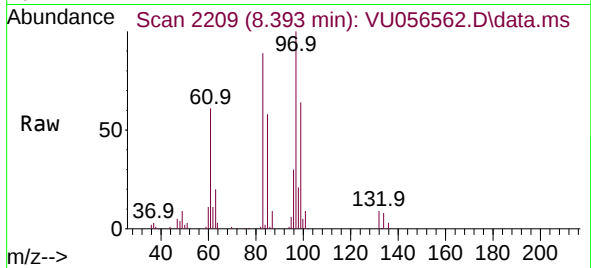




#45
1,1,2-Trichloroethane
Concen: 5.906 ug/L
RT: 8.393 min Scan# 21
Delta R.T. -0.003 min
Lab File: VU056562.D
Acq: 21 Nov 2023 19:35

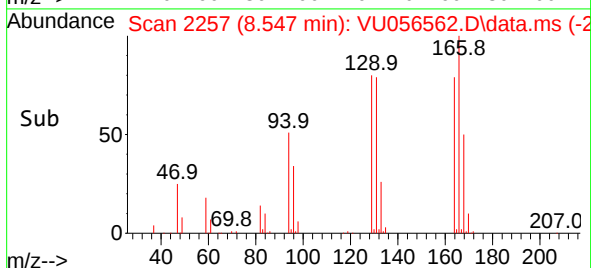
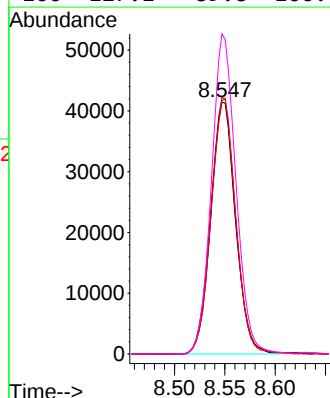
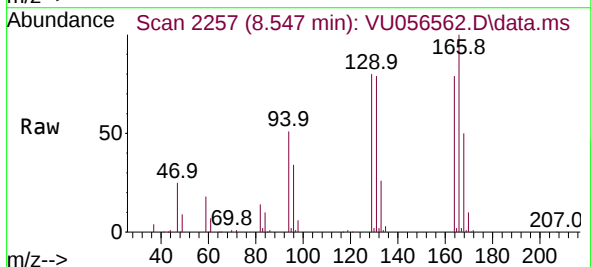
Instrument :
MSVOA_U
ClientSampleId :

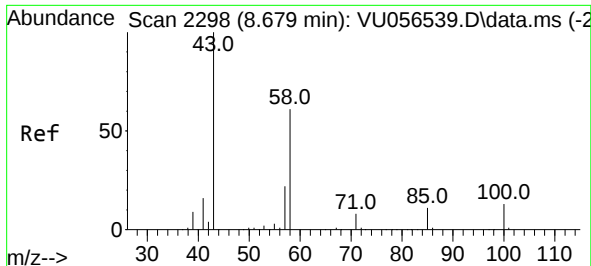
Tgt Ion: 97	Resp:	72165
Ion Ratio	Lower	Upper
97	100	
99	64.4	44.3 82.3
83	88.9	65.4 121.4
85	57.7	41.6 77.3



#47
Tetrachloroethene
Concen: 5.451 ug/L
RT: 8.547 min Scan# 2257
Delta R.T. -0.003 min
Lab File: VU056562.D
Acq: 21 Nov 2023 19:35

Tgt Ion: 164	Resp:	70466
Ion Ratio	Lower	Upper
164	100	
129	101.9	71.0 131.9
131	100.4	70.3 130.7
166	127.1	89.8 166.8

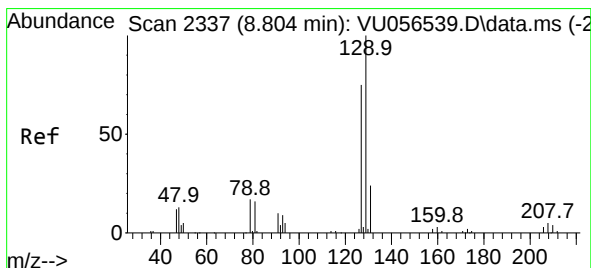
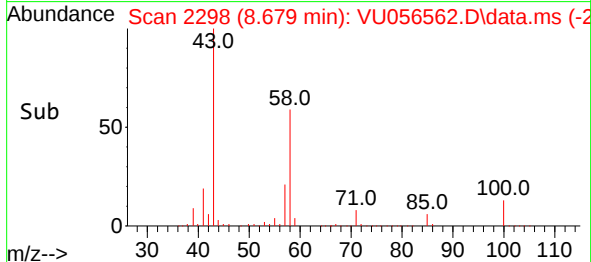
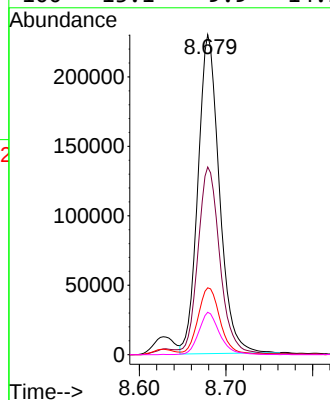
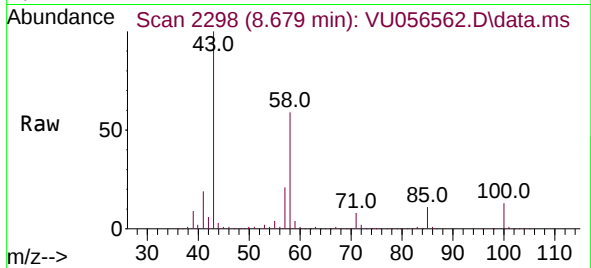




#48
2-Hexanone
Concen: 55.668 ug/L
RT: 8.679 min Scan# 2298
Delta R.T. 0.000 min
Lab File: VU056562.D
Acq: 21 Nov 2023 19:35

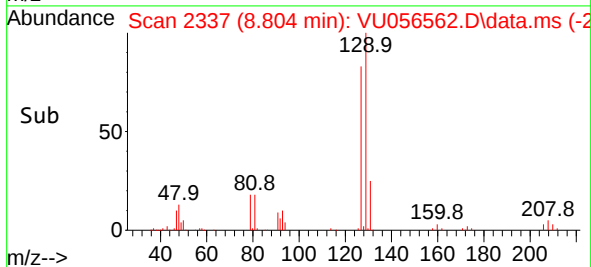
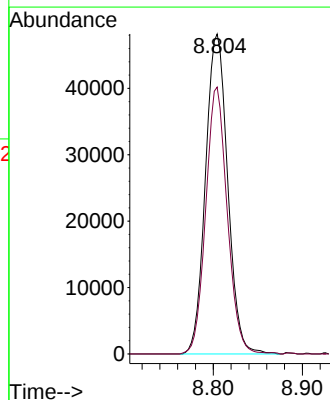
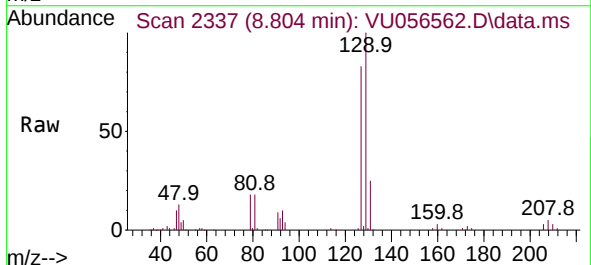
Instrument :
MSVOA_U
ClientSampleId :

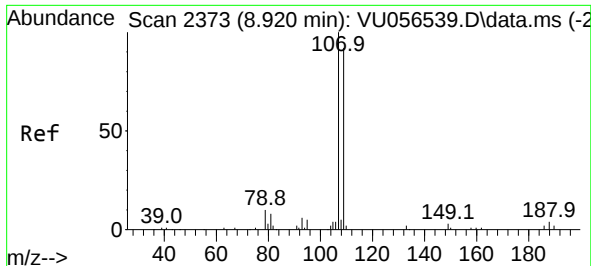
Tgt Ion:	43	Resp:	394450
Ion	Ratio	Lower	Upper
43	100		
58	59.6	48.7	73.1
57	21.9	16.8	25.2
100	13.1	9.9	14.9



#49
Dibromochloromethane
Concen: 6.001 ug/L
RT: 8.804 min Scan# 2337
Delta R.T. 0.000 min
Lab File: VU056562.D
Acq: 21 Nov 2023 19:35

Tgt Ion:	129	Resp:	83387
Ion	Ratio	Lower	Upper
129	100		
127	83.4	52.9	98.3





#50

1,2-Dibromoethane

Concen: 5.944 ug/L

RT: 8.917 min Scan# 21

Delta R.T. -0.003 min

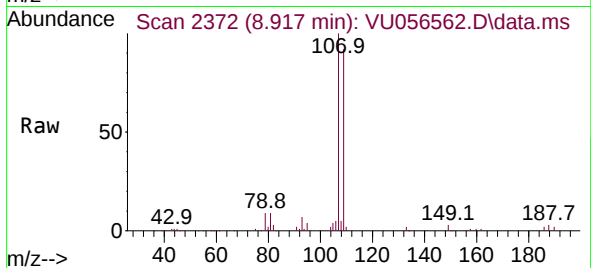
Lab File: VU056562.D

Acq: 21 Nov 2023 19:35

Instrument :

MSVOA_U

ClientSampleId :



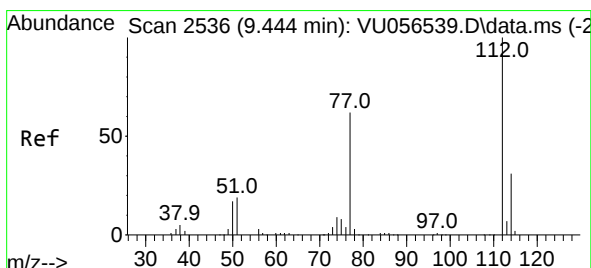
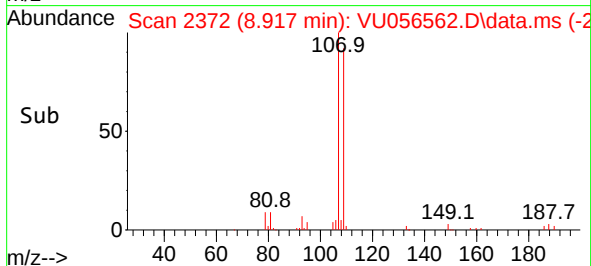
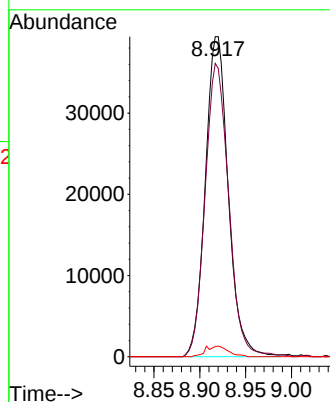
Tgt Ion:107 Resp: 68577

Ion Ratio Lower Upper

107 100

109 91.6 64.2 119.2

188 3.2 2.6 4.0



#51

Chlorobenzene

Concen: 5.504 ug/L

RT: 9.441 min Scan# 2535

Delta R.T. -0.003 min

Lab File: VU056562.D

Acq: 21 Nov 2023 19:35

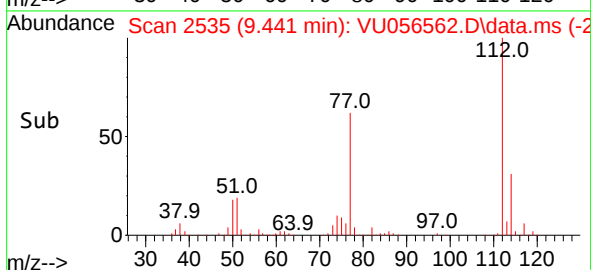
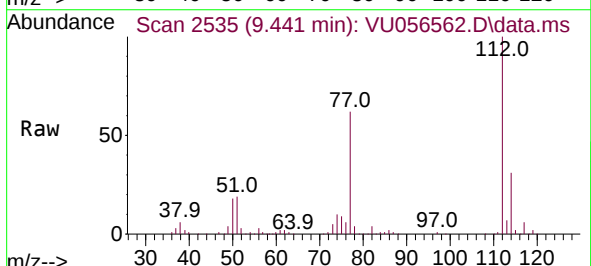
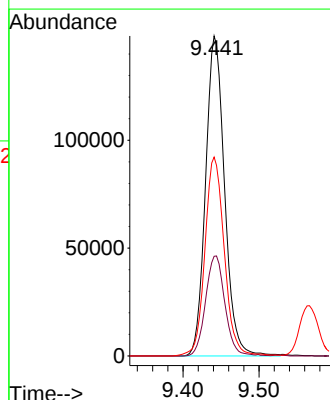
Tgt Ion:112 Resp: 257627

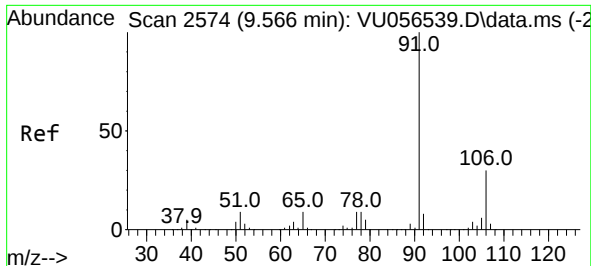
Ion Ratio Lower Upper

112 100

114 31.2 22.5 41.7

77 62.1 51.7 77.5

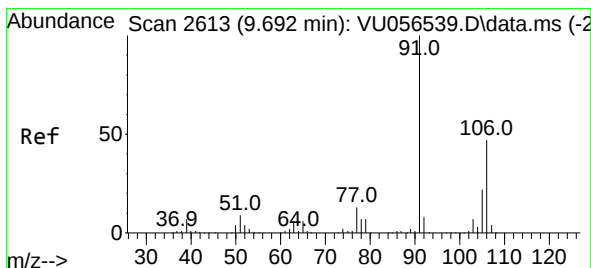
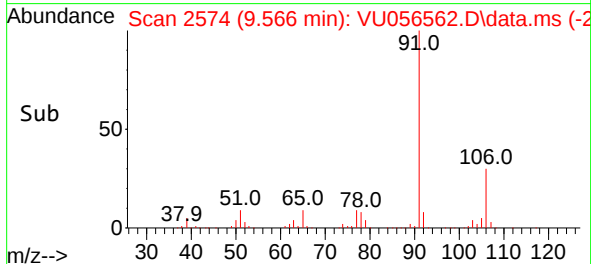
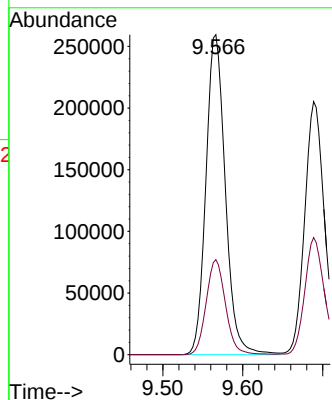
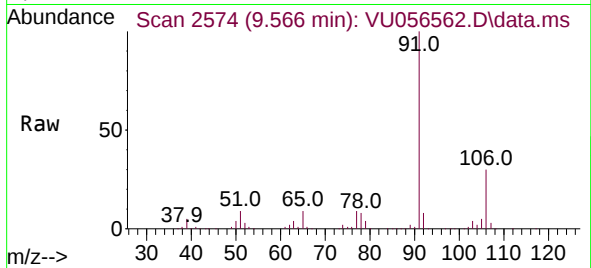




#52
Ethylbenzene
Concen: 5.419 ug/L
RT: 9.566 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU056562.D
Acq: 21 Nov 2023 19:35

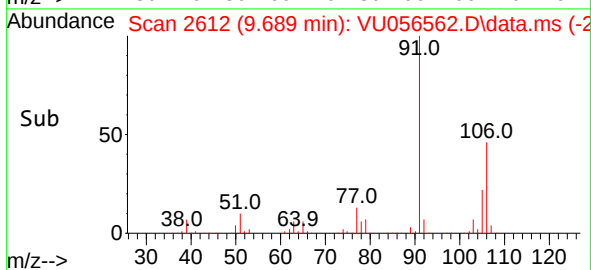
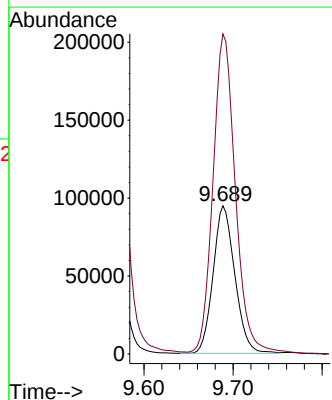
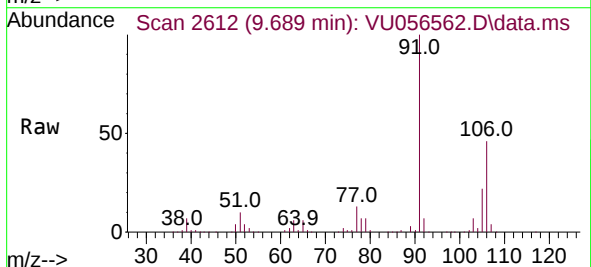
Instrument :
MSVOA_U
ClientSampleId :

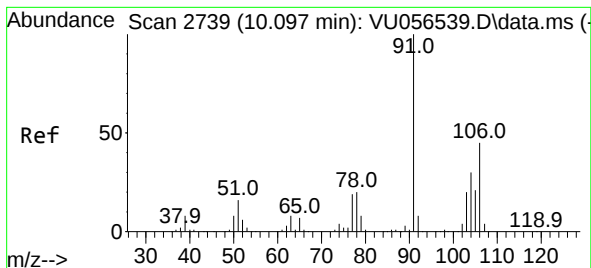
Tgt Ion: 91 Resp: 438361
Ion Ratio Lower Upper
91 100
106 29.7 21.1 39.1



#53
m,p-Xylene
Concen: 5.381 ug/L
RT: 9.689 min Scan# 2612
Delta R.T. -0.003 min
Lab File: VU056562.D
Acq: 21 Nov 2023 19:35

Tgt Ion: 106 Resp: 160023
Ion Ratio Lower Upper
106 100
91 216.1 149.6 277.8





#54

o-Xylene

Concen: 5.561 ug/L

RT: 10.097 min Scan# 21

Delta R.T. 0.000 min

Lab File: VU056562.D

Acq: 21 Nov 2023 19:35

Instrument :

MSVOA_U

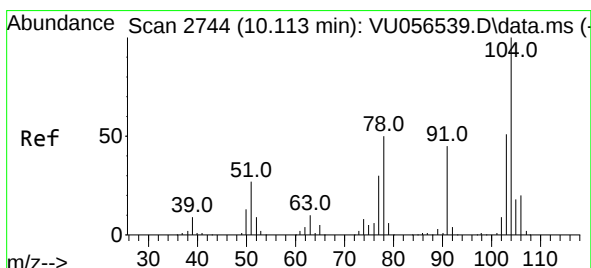
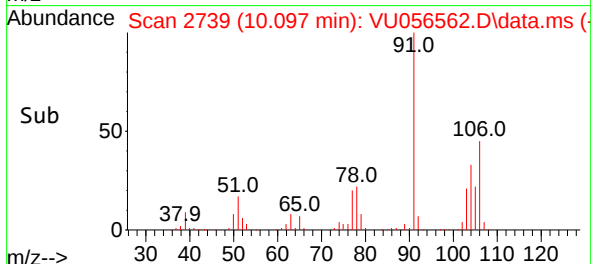
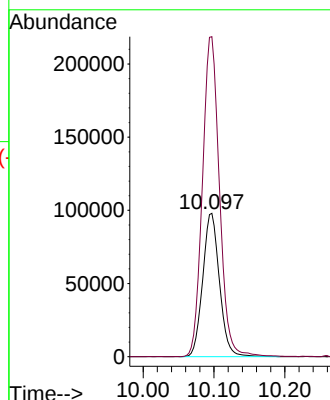
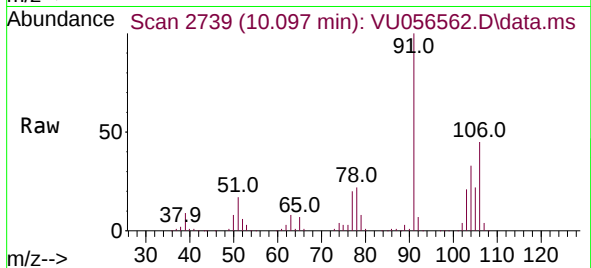
ClientSampleId :

Tgt Ion:106 Resp: 160625

Ion Ratio Lower Upper

106 100

91 223.3 159.3 295.9



#55

Styrene

Concen: 5.742 ug/L

RT: 10.110 min Scan# 2743

Delta R.T. -0.003 min

Lab File: VU056562.D

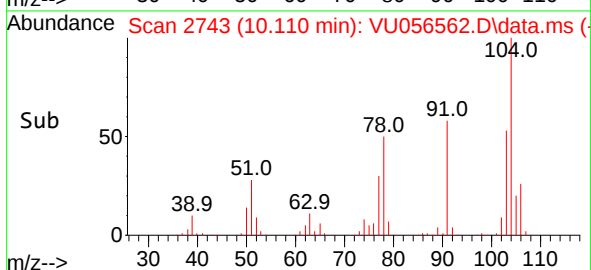
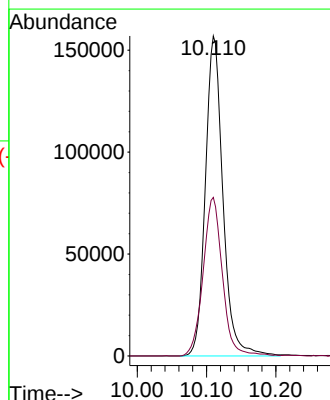
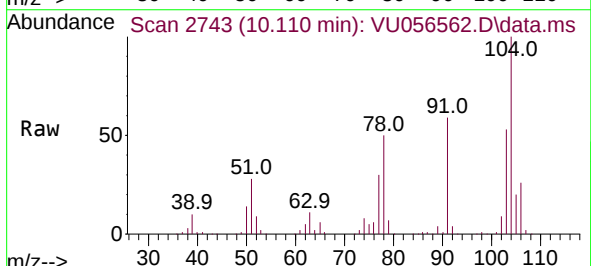
Acq: 21 Nov 2023 19:35

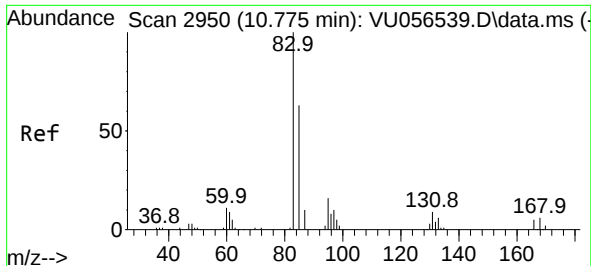
Tgt Ion:104 Resp: 275902

Ion Ratio Lower Upper

104 100

78 49.5 34.2 63.6

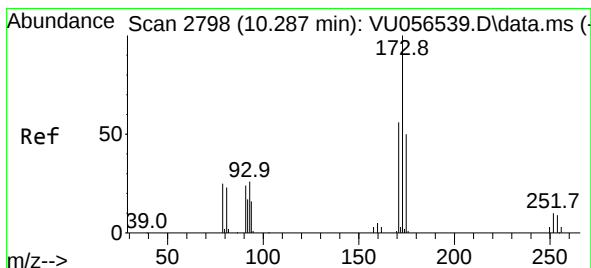
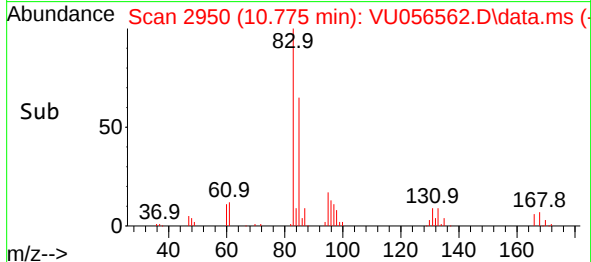
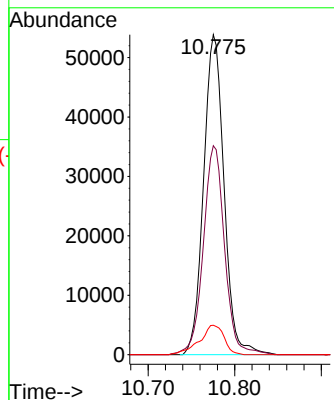
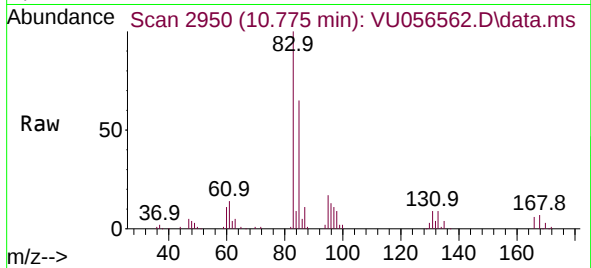




#57
1,1,2,2-Tetrachloroethane
Concen: 5.909 ug/L
RT: 10.775 min Scan# 2950
Delta R.T. 0.000 min
Lab File: VU056562.D
Acq: 21 Nov 2023 19:35

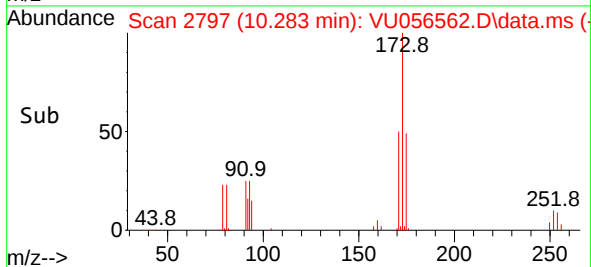
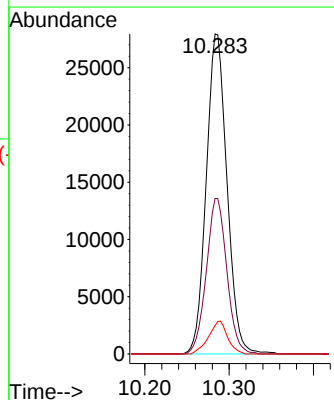
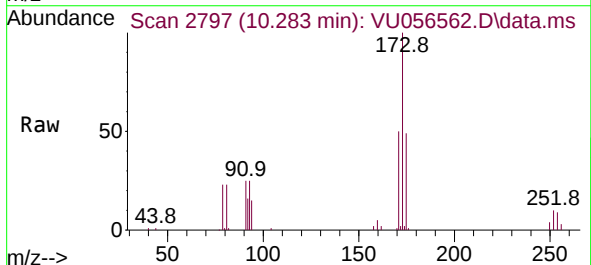
Instrument :
MSVOA_U
ClientSampleId :

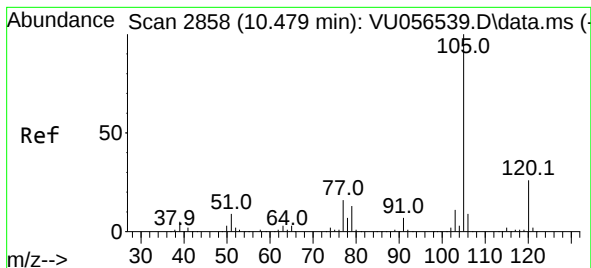
Tgt Ion: 83 Resp: 88173
Ion Ratio Lower Upper
83 100
85 65.3 46.3 86.1
131 9.2 6.7 10.1



#59
Bromoform
Concen: 6.039 ug/L
RT: 10.283 min Scan# 2797
Delta R.T. -0.003 min
Lab File: VU056562.D
Acq: 21 Nov 2023 19:35

Tgt Ion:173 Resp: 47785
Ion Ratio Lower Upper
173 100
175 48.1 38.9 58.3
254 9.4 6.7 10.1





#60

Isopropylbenzene

Concen: 5.253 ug/L

RT: 10.480 min Scan# 2858

Delta R.T. 0.000 min

Lab File: VU056562.D

Acq: 21 Nov 2023 19:35

Instrument :

MSVOA_U

ClientSampleId :

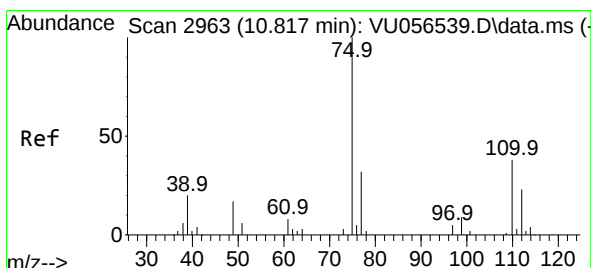
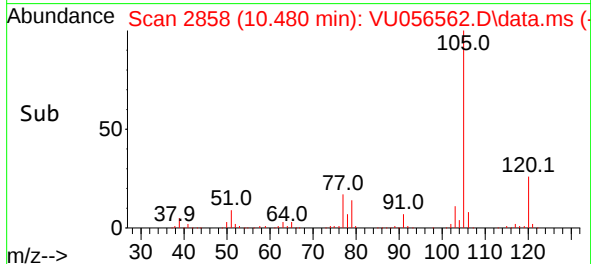
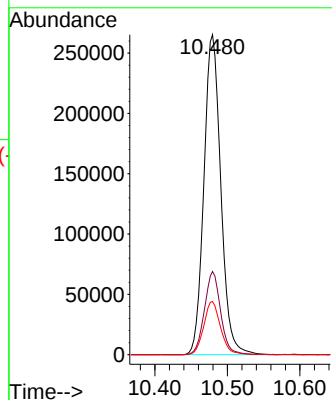
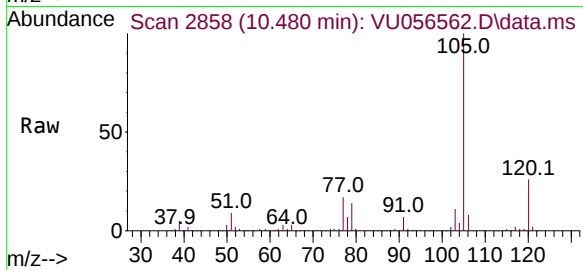
Tgt Ion:105 Resp: 430405

Ion Ratio Lower Upper

105 100

120 24.9 20.4 30.6

77 16.6 13.3 19.9



#61

1,2,3-Trichloropropane

Concen: 5.649 ug/L

RT: 10.817 min Scan# 2963

Delta R.T. 0.000 min

Lab File: VU056562.D

Acq: 21 Nov 2023 19:35

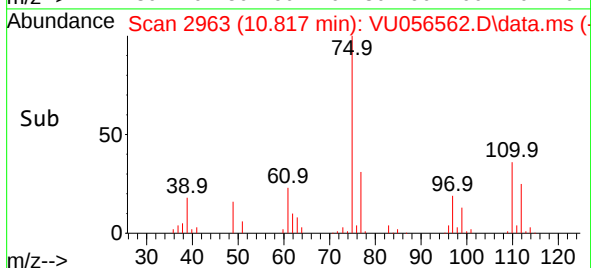
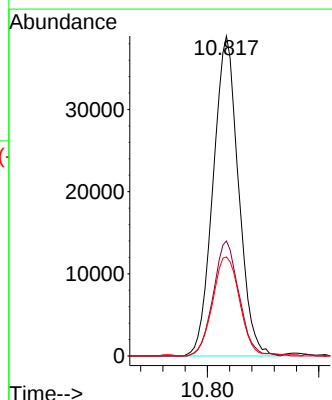
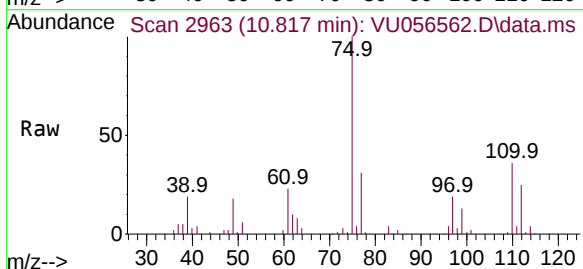
Tgt Ion: 75 Resp: 61579

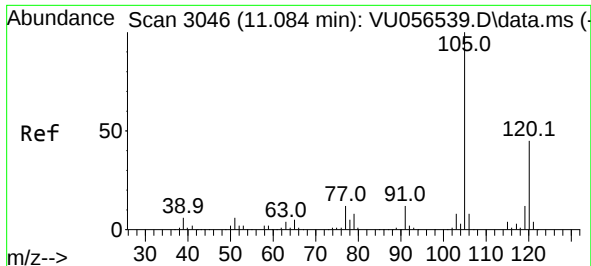
Ion Ratio Lower Upper

75 100

110 36.4 30.4 45.6

77 33.3 27.0 40.6





#62

1,3,5-Trimethylbenzene

Concen: 5.245 ug/L

RT: 11.081 min Scan# 3045

Delta R.T. -0.003 min

Lab File: VU056562.D

Acq: 21 Nov 2023 19:35

Instrument :

MSVOA_U

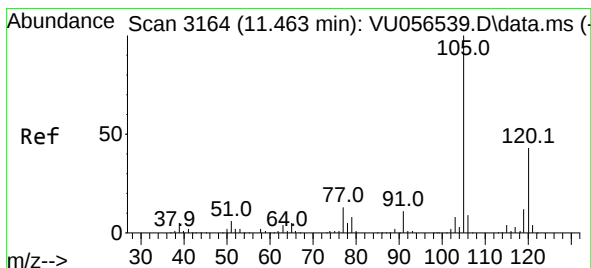
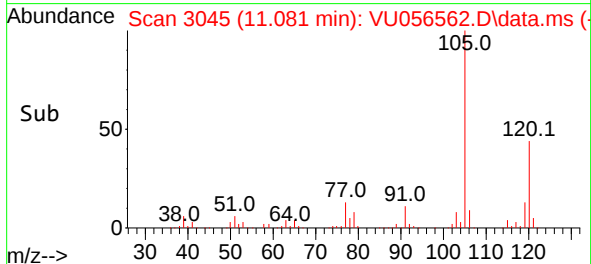
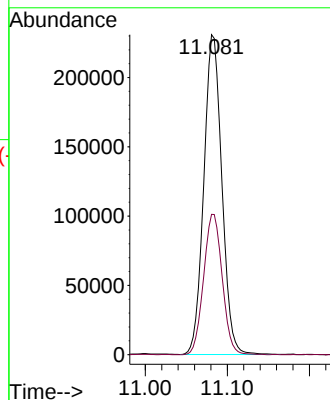
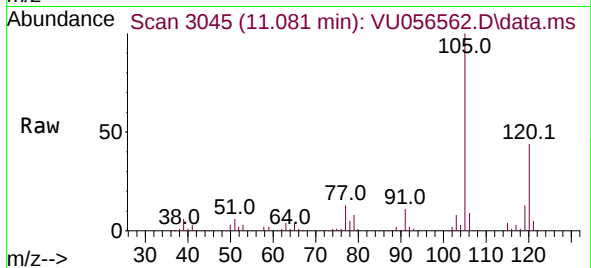
ClientSampleId :

Tgt Ion:105 Resp: 352839

Ion Ratio Lower Upper

105 100

120 45.2 37.2 55.8



#63

1,2,4-Trimethylbenzene

Concen: 5.336 ug/L

RT: 11.460 min Scan# 3163

Delta R.T. -0.003 min

Lab File: VU056562.D

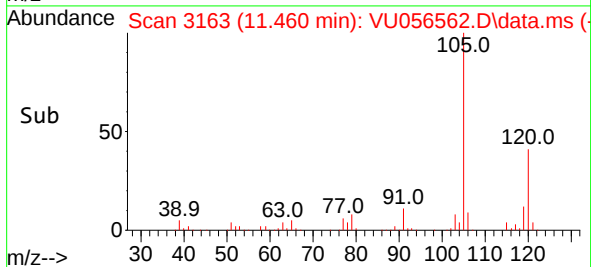
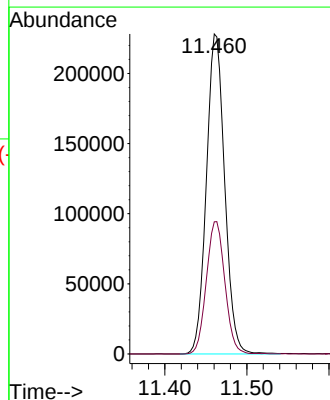
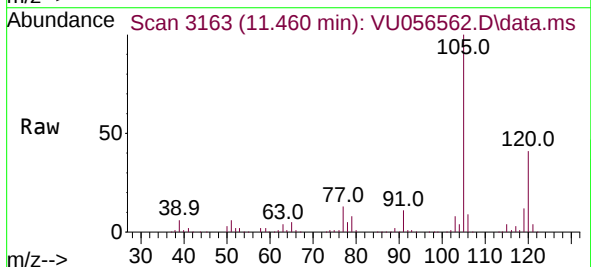
Acq: 21 Nov 2023 19:35

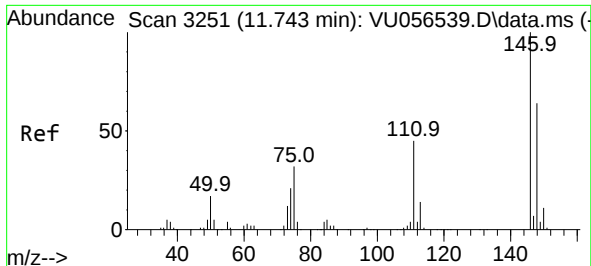
Tgt Ion:105 Resp: 354290

Ion Ratio Lower Upper

105 100

120 41.8 34.0 51.0

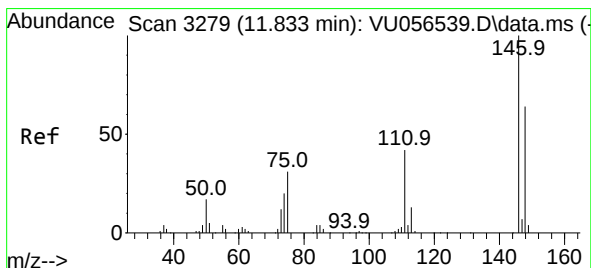
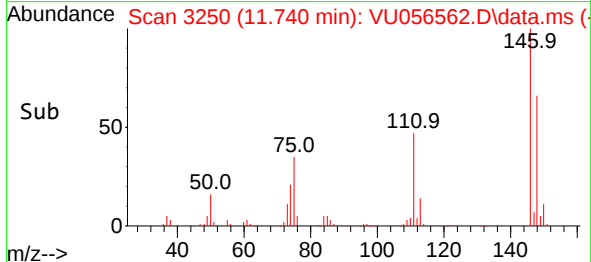
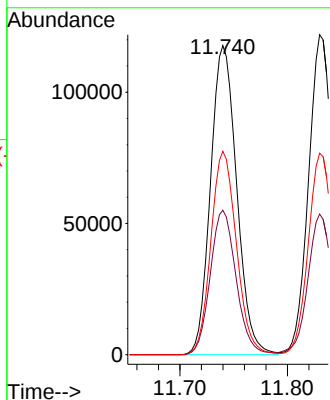
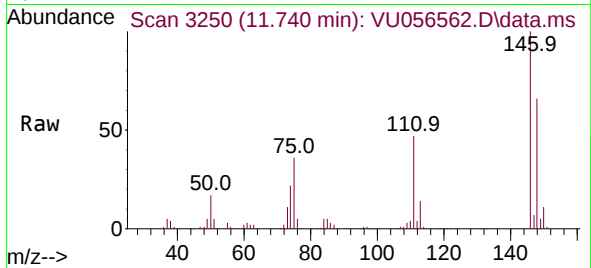




#64
1,3-Dichlorobenzene
Concen: 5.340 ug/L
RT: 11.740 min Scan# 31
Delta R.T. -0.003 min
Lab File: VU056562.D
Acq: 21 Nov 2023 19:35

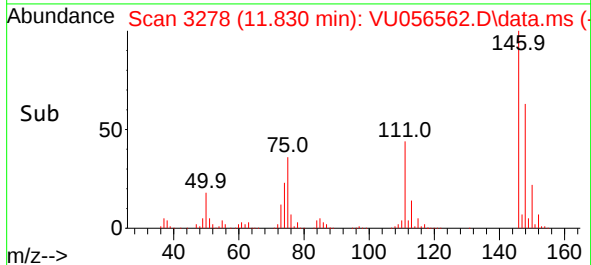
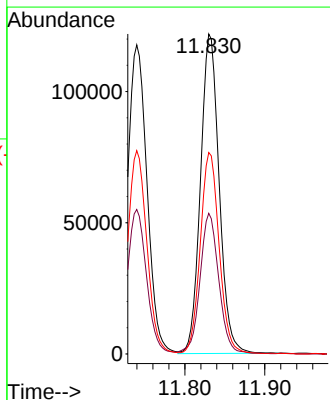
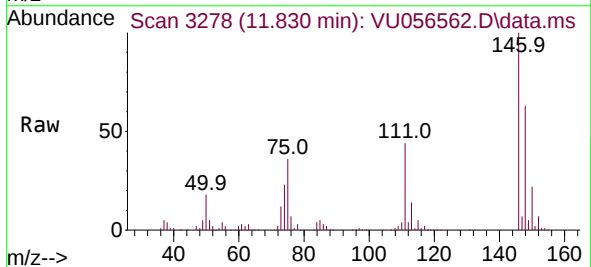
Instrument :
MSVOA_U
ClientSampleId :

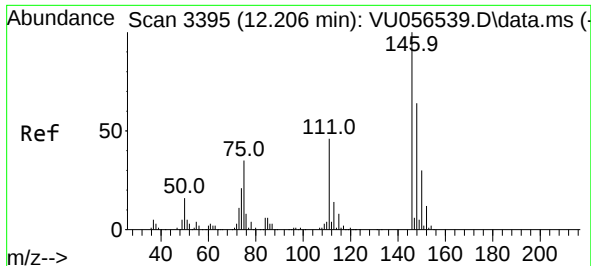
Tgt Ion:146 Resp: 199011
Ion Ratio Lower Upper
146 100
111 46.7 31.1 57.7
148 65.8 45.1 83.9



#65
1,4-Dichlorobenzene
Concen: 5.296 ug/L
RT: 11.830 min Scan# 3278
Delta R.T. -0.003 min
Lab File: VU056562.D
Acq: 21 Nov 2023 19:35

Tgt Ion:146 Resp: 197961
Ion Ratio Lower Upper
146 100
111 43.9 30.5 56.7
148 63.0 44.8 83.2





#67

1,2-Dichlorobenzene

Concen: 5.497 ug/L

RT: 12.206 min Scan# 31

Delta R.T. 0.000 min

Lab File: VU056562.D

Acq: 21 Nov 2023 19:35

Instrument :

MSVOA_U

ClientSampleId :

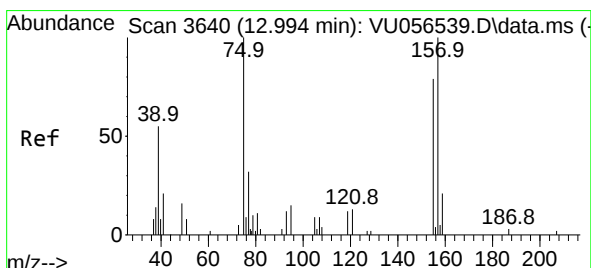
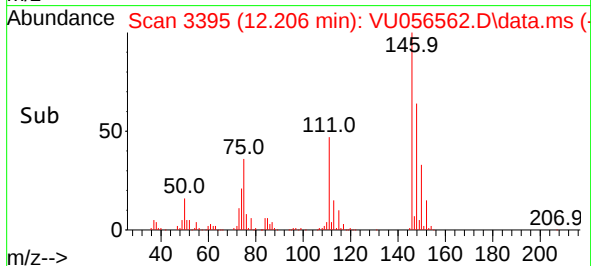
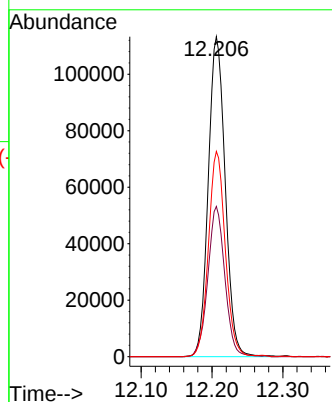
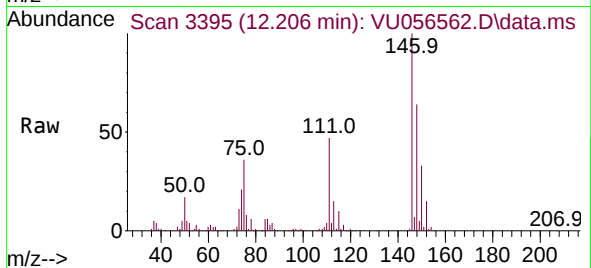
Tgt Ion:146 Resp: 187941

Ion Ratio Lower Upper

146 100

111 47.0 38.3 57.5

148 64.1 52.2 78.4



#68

1,2-Dibromo-3-chloropropane

Concen: 5.178 ug/L

RT: 12.991 min Scan# 3639

Delta R.T. -0.003 min

Lab File: VU056562.D

Acq: 21 Nov 2023 19:35

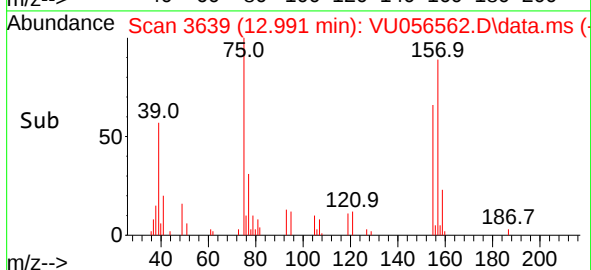
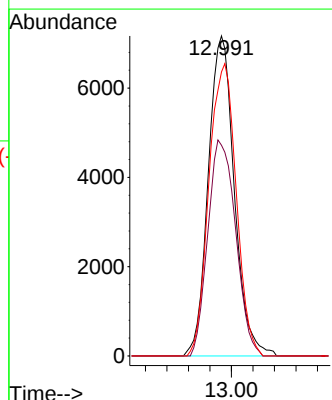
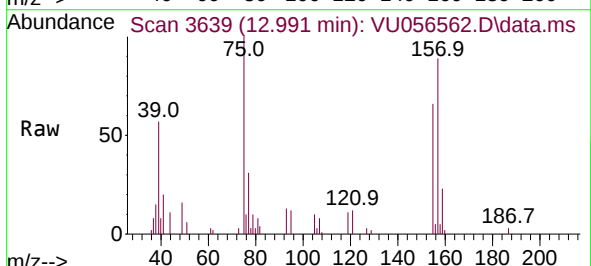
Tgt Ion: 75 Resp: 12055

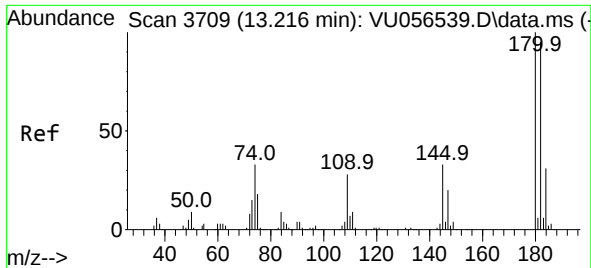
Ion Ratio Lower Upper

75 100

155 65.8 62.4 93.6

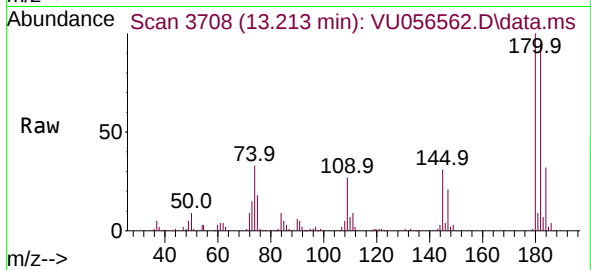
157 88.7 80.2 120.2



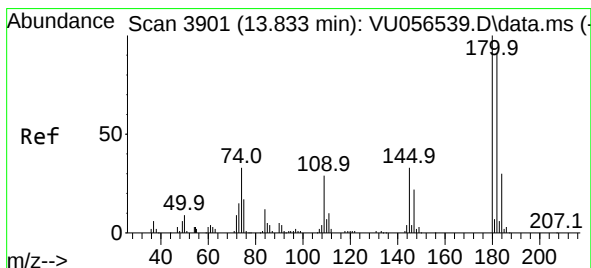
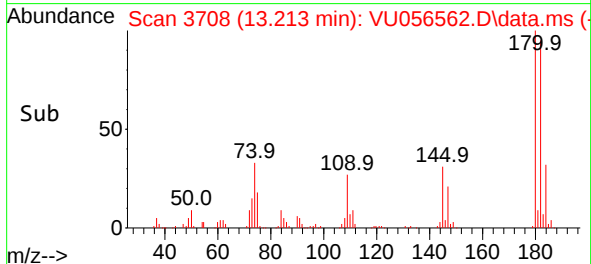
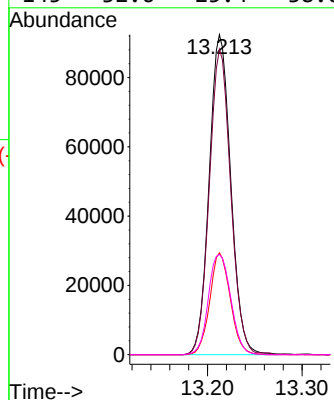


#69
 1,3,5-Trichlorobenzene
 Concen: 5.216 ug/L
 RT: 13.213 min Scan# 31
 Delta R.T. -0.003 min
 Lab File: VU056562.D
 Acq: 21 Nov 2023 19:35

Instrument :
 MSVOA_U
 ClientSampleId :

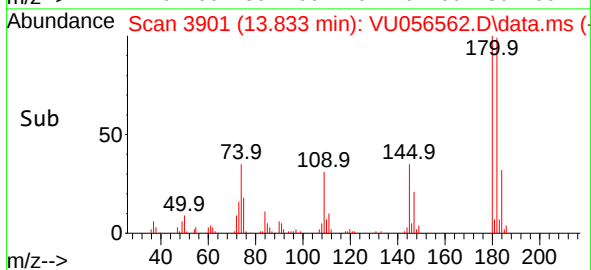
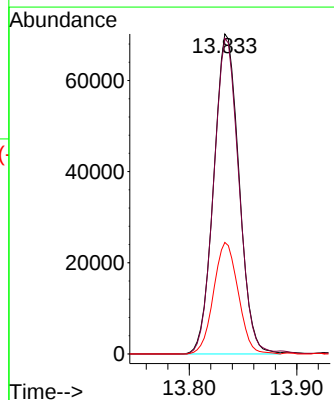
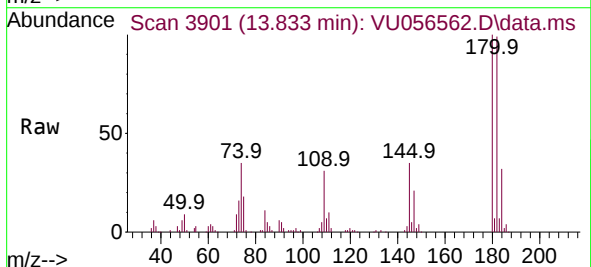


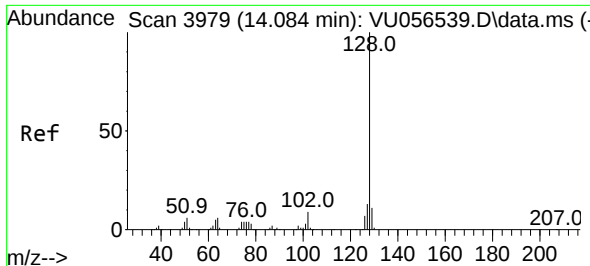
Tgt Ion:180 Resp: 146365
 Ion Ratio Lower Upper
 180 100
 182 94.7 75.1 112.7
 184 30.3 23.5 35.3
 145 32.6 25.4 38.0



#70
 1,2,4-trichlorobenzene
 Concen: 5.005 ug/L
 RT: 13.833 min Scan# 3901
 Delta R.T. 0.000 min
 Lab File: VU056562.D
 Acq: 21 Nov 2023 19:35

Tgt Ion:180 Resp: 114379
 Ion Ratio Lower Upper
 180 100
 182 98.3 75.4 113.2
 145 34.0 26.8 40.2

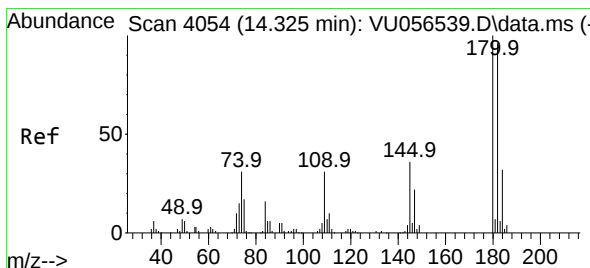
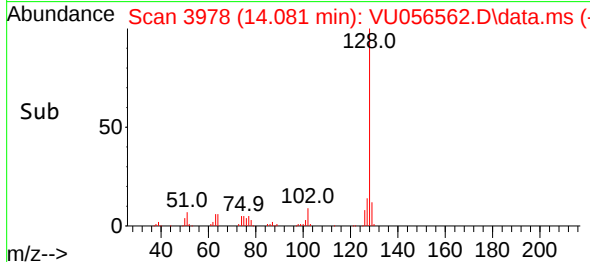
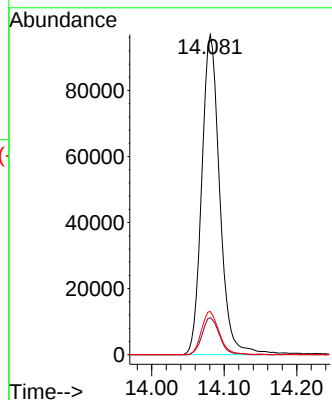
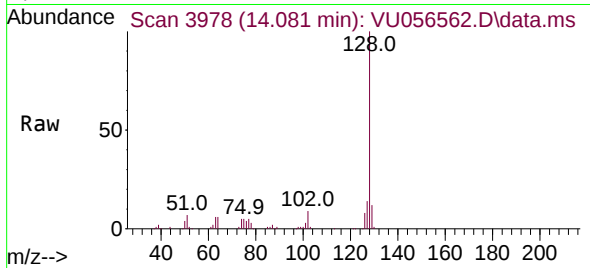




#71
Naphthalene
Concen: 4.841 ug/L
RT: 14.081 min Scan# 3979
Delta R.T. -0.003 min
Lab File: VU056562.D
Acq: 21 Nov 2023 19:35

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion:128 Resp: 167138
Ion Ratio Lower Upper
128 100
129 11.1 8.6 12.8
127 13.2 10.3 15.5



#72
1,2,3-Trichlorobenzene
Concen: 5.379 ug/L
RT: 14.322 min Scan# 4053
Delta R.T. -0.003 min
Lab File: VU056562.D
Acq: 21 Nov 2023 19:35

Tgt Ion:180 Resp: 101260
Ion Ratio Lower Upper
180 100
182 93.8 78.6 117.8
145 36.1 29.0 43.6

