

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU011524\
 Data File : VU057541.D
 Acq On : 15 Jan 2024 19:50
 Operator : MD/SY
 Sample : VSTDCCC005EC
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Jan 16 00:39:16 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR011124WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Jan 16 00:31:32 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	278770	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	259982	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	133366	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.599	65	127171	4.496	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	90.000%
7) Chloroethane-d5	1.914	69	109881	4.993	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	99.800%
11) 1,1-Dichloroethene-d2	2.564	65	57985	4.848	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	97.000%
20) 2-Butanone-d5	4.641	46	297026	55.520	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	111.040%
24) Chloroform-d	5.055	84	261630	5.354	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	107.000%
26) 1,2-Dichloroethane-d4	5.695	65	128371	5.454	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	109.000%
32) Benzene-d6	5.721	84	486534	5.131	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	102.600%
36) 1,2-Dichloropropane-d6	6.682	67	153311	5.186	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	103.800%
41) Toluene-d8	7.891	98	424720	5.306	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	106.200%
43) trans-1,3-Dichloroprop...	8.174	79	54477	5.300	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	106.000%
46) 2-Hexanone-d5	8.631	63	210121	56.462	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	112.920%
56) 1,1,2,2-Tetrachloroeth...	10.750	84	90221	4.518	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	90.400%
66) 1,2-Dichlorobenzene-d4	12.187	152	131949	4.927	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	98.600%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.384	85	104027	5.656	ug/L	99
3) Chloromethane	1.519	50	109434	4.633	ug/L	97
5) Vinyl chloride	1.602	62	113066	5.376	ug/L	98
6) Bromomethane	1.856	94	36768	3.002	ug/L	99
8) Chloroethane	1.933	64	73131	5.576	ug/L	99
9) Trichlorofluoromethane	2.136	101	161639	5.621	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.576	101	103866	5.646	ug/L	99
12) 1,1-Dichloroethene	2.576	96	91419	5.613	ug/L	93
13) Acetone	2.666	43	159111	49.473	ug/L	94
14) Carbon disulfide	2.789	76	270212	5.938	ug/L	100
15) Methyl Acetate	2.959	43	36598	5.034	ug/L	98
16) Methylene chloride	3.043	84	107236	4.869	ug/L	94
17) Methyl tert-butyl Ether	3.354	73	211474	5.234	ug/L	98
18) trans-1,2-Dichloroethene	3.348	96	89764	5.553	ug/L	98
19) 1,1-Dichloroethane	3.863	63	206002	5.647	ug/L	99
21) 2-Butanone	4.721	43	256127	56.299	ug/L	99
22) cis-1,2-Dichloroethene	4.660	96	105525	5.607	ug/L	99
23) Bromochloromethane	4.969	128	44360	5.490	ug/L	98
25) Chloroform	5.081	83	214288	5.665	ug/L	98

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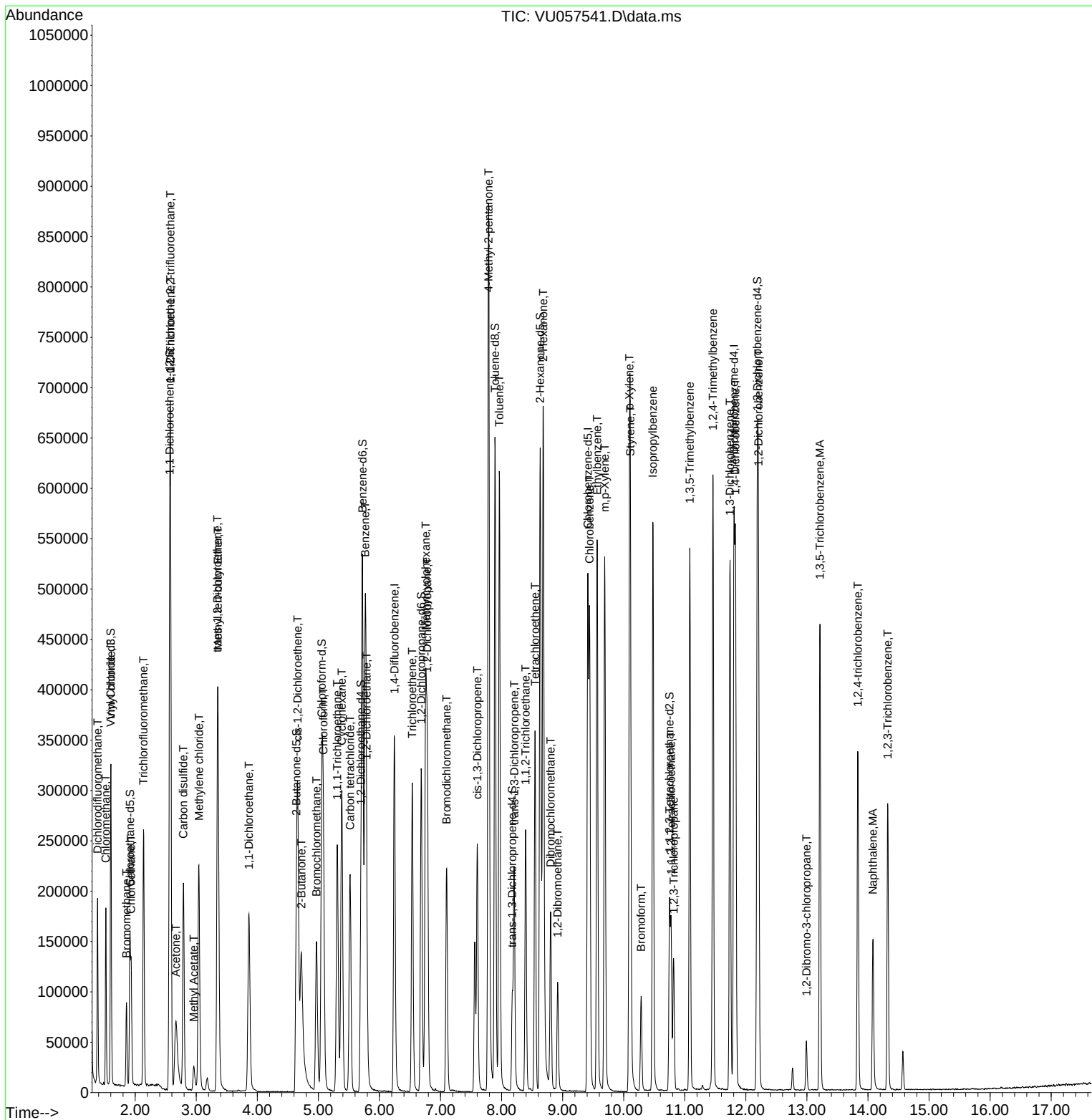
Instrument :
 MSVOA_U
 ClientSampleId :

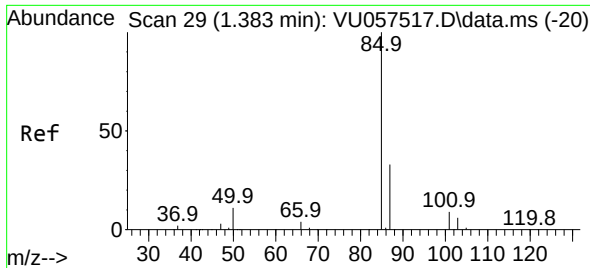
Quant Time: Jan 16 00:39:16 2024
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 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Jan 16 00:31:32 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.788	62	129725	5.694	ug/L	99
29) 1,1,1-Trichloroethane	5.309	97	178096	5.553	ug/L	99
30) Cyclohexane	5.383	56	137751	5.281	ug/L	100
31) Carbon tetrachloride	5.518	117	148588	5.610	ug/L	99
33) Benzene	5.766	78	431528	5.649	ug/L	100
34) Trichloroethene	6.538	95	109539	5.459	ug/L	98
35) Methylcyclohexane	6.756	83	137932	5.170	ug/L	97
37) 1,2-Dichloropropane	6.782	63	121282	5.599	ug/L #	98
38) Bromodichloromethane	7.100	83	149292	5.724	ug/L	99
39) cis-1,3-Dichloropropene	7.602	75	151013	5.273	ug/L	98
40) 4-Methyl-2-pentanone	7.785	43	618121	57.476	ug/L	99
42) Toluene	7.962	91	445709	5.920	ug/L	98
44) trans-1,3-Dichloropropene	8.206	75	127009	5.449	ug/L	99
45) 1,1,2-Trichloroethane	8.393	97	80452	5.758	ug/L	95
47) Tetrachloroethene	8.547	164	73255	5.497	ug/L	98
48) 2-Hexanone	8.682	43	462774	58.923	ug/L	99
49) Dibromochloromethane	8.801	129	87252	5.820	ug/L	97
50) 1,2-Dibromoethane	8.917	107	70034	6.083	ug/L	97
51) Chlorobenzene	9.441	112	234002	4.930	ug/L	98
52) Ethylbenzene	9.563	91	380322	4.912	ug/L	100
53) m,p-Xylene	9.689	106	145812	5.227	ug/L	96
54) o-Xylene	10.094	106	123069	4.598	ug/L	97
55) Styrene	10.110	104	207526	4.709	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.775	83	76538	4.519	ug/L	98
59) Bromoform	10.283	173	38273	4.409	ug/L	98
60) Isopropylbenzene	10.476	105	339184	4.373	ug/L	99
61) 1,2,3-Trichloropropane	10.817	75	54805	4.392	ug/L	96
62) 1,3,5-Trimethylbenzene	11.081	105	276720	4.525	ug/L	98
63) 1,2,4-Trimethylbenzene	11.460	105	325358	5.314	ug/L	100
64) 1,3-Dichlorobenzene	11.740	146	201770	5.343	ug/L	99
65) 1,4-Dichlorobenzene	11.830	146	194024	5.176	ug/L	99
67) 1,2-Dichlorobenzene	12.206	146	187181	5.352	ug/L	100
68) 1,2-Dibromo-3-chloropr...	12.991	75	13358	5.581	ug/L	97
69) 1,3,5-Trichlorobenzene	13.213	180	132510	5.235	ug/L	99
70) 1,2,4-trichlorobenzene	13.833	180	98215	5.731	ug/L	97
71) Naphthalene	14.081	128	124595	5.199	ug/L	99
72) 1,2,3-Trichlorobenzene	14.322	180	81139	5.781	ug/L	97

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

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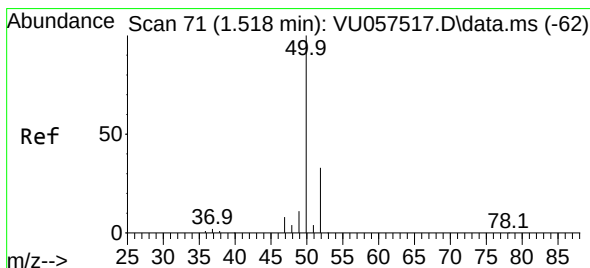
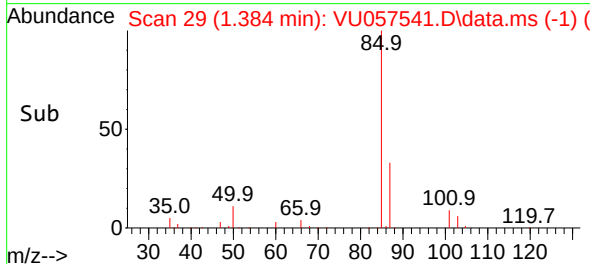
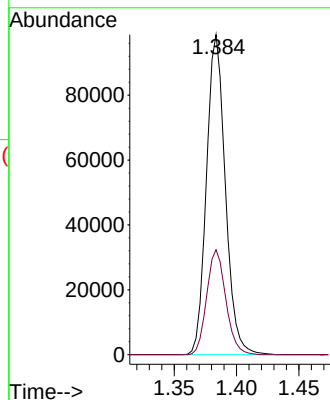
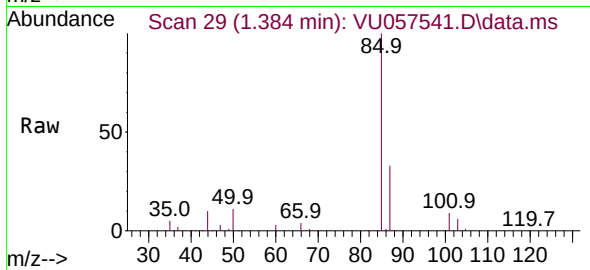




#2
 Dichlorodifluoromethane
 Concen: 5.656 ug/L
 RT: 1.384 min Scan# 29
 Delta R.T. 0.000 min
 Lab File: VU057541.D
 Acq: 15 Jan 2024 19:50

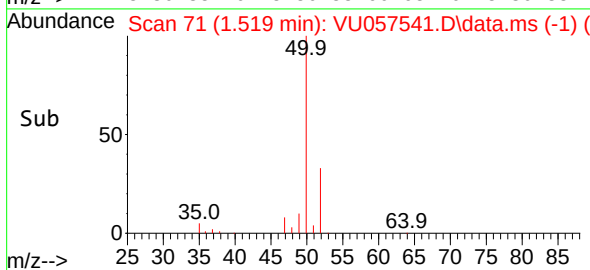
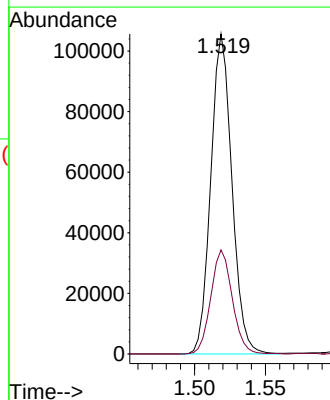
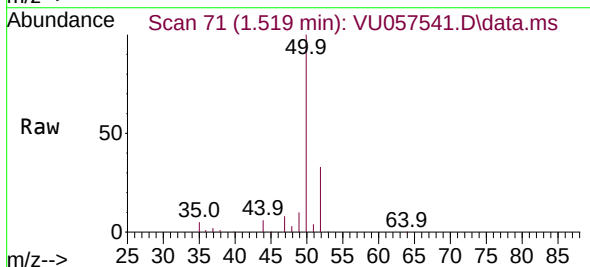
Instrument :
 MSVOA_U
 ClientSampleId :

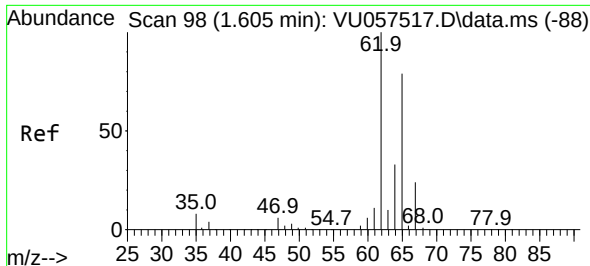
Tgt Ion: 85 Resp: 104027
 Ion Ratio Lower Upper
 85 100
 87 33.2 26.2 39.4



#3
 Chloromethane
 Concen: 4.633 ug/L
 RT: 1.519 min Scan# 71
 Delta R.T. 0.000 min
 Lab File: VU057541.D
 Acq: 15 Jan 2024 19:50

Tgt Ion: 50 Resp: 109434
 Ion Ratio Lower Upper
 50 100
 52 32.5 24.1 44.7

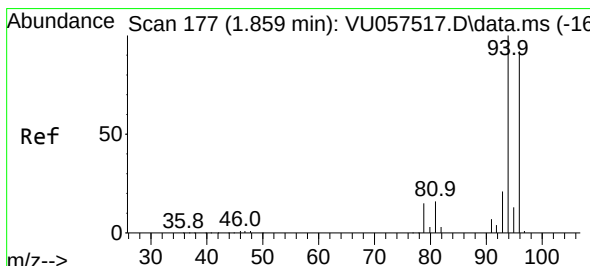
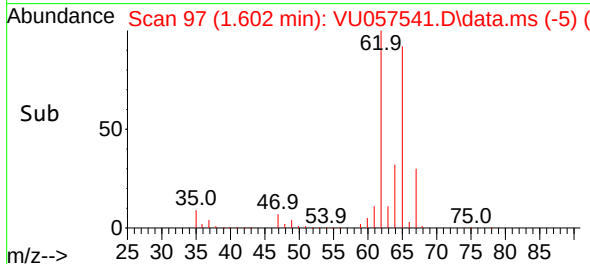
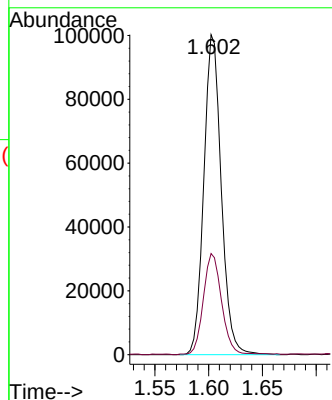
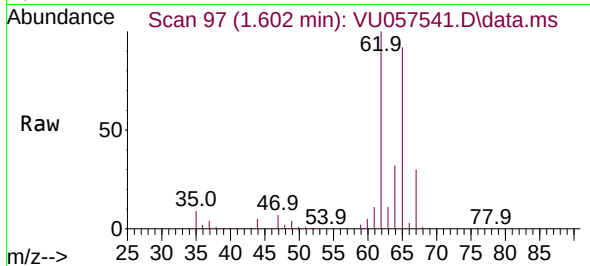




#5
 Vinyl chloride
 Concen: 5.376 ug/L
 RT: 1.602 min Scan# 91
 Delta R.T. -0.003 min
 Lab File: VU057541.D
 Acq: 15 Jan 2024 19:50

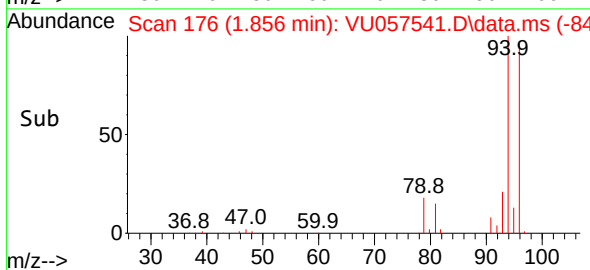
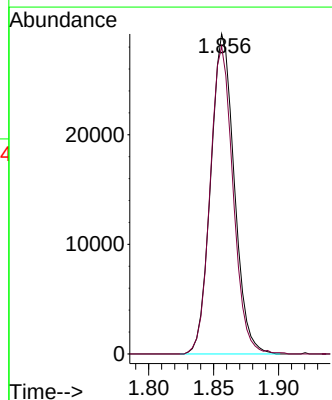
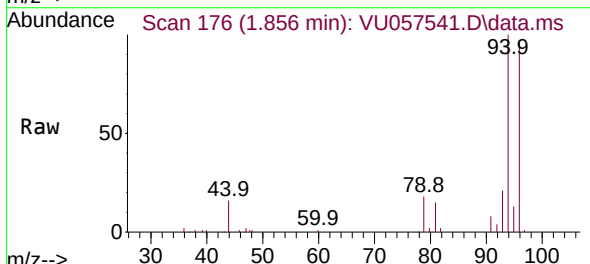
Instrument :
 MSVOA_U
 ClientSampleId :

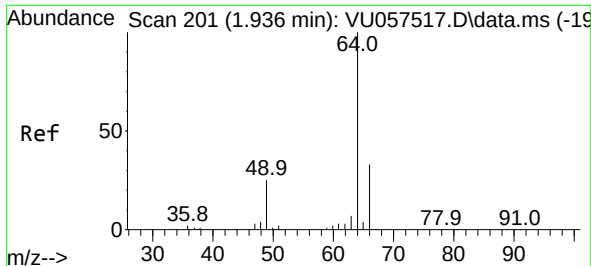
Tgt Ion: 62 Resp: 113066
 Ion Ratio Lower Upper
 62 100
 64 31.6 22.9 42.5



#6
 Bromomethane
 Concen: 3.002 ug/L
 RT: 1.856 min Scan# 176
 Delta R.T. -0.003 min
 Lab File: VU057541.D
 Acq: 15 Jan 2024 19:50

Tgt Ion: 94 Resp: 36768
 Ion Ratio Lower Upper
 94 100
 96 96.1 68.0 126.2





#8

Chloroethane

Concen: 5.576 ug/L

RT: 1.933 min Scan# 20

Delta R.T. -0.003 min

Lab File: VU057541.D

Acq: 15 Jan 2024 19:50

Instrument :

MSVOA_U

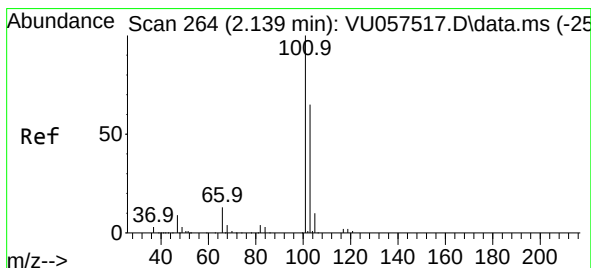
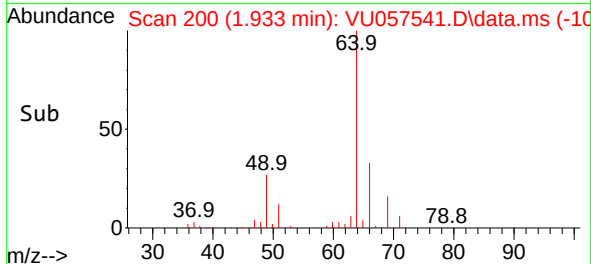
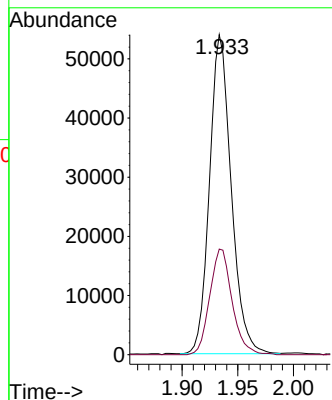
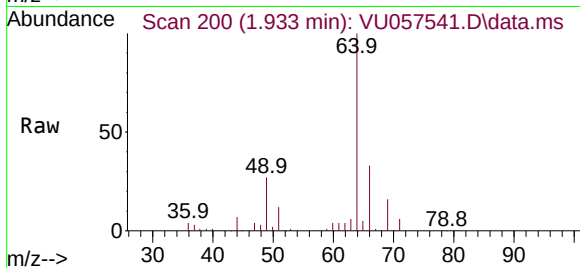
ClientSampleId :

Tgt Ion: 64 Resp: 73131

Ion Ratio Lower Upper

64 100

66 33.0 23.3 43.3



#9

Trichlorofluoromethane

Concen: 5.621 ug/L

RT: 2.136 min Scan# 263

Delta R.T. -0.003 min

Lab File: VU057541.D

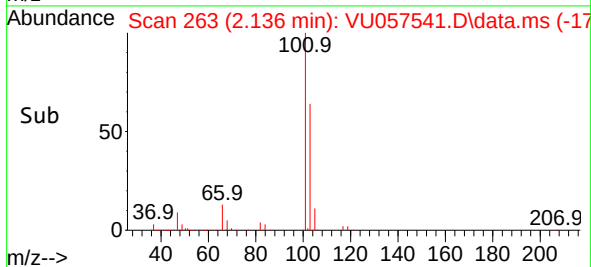
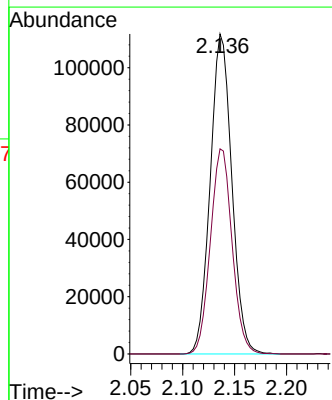
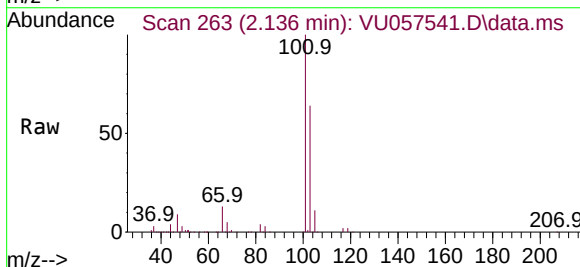
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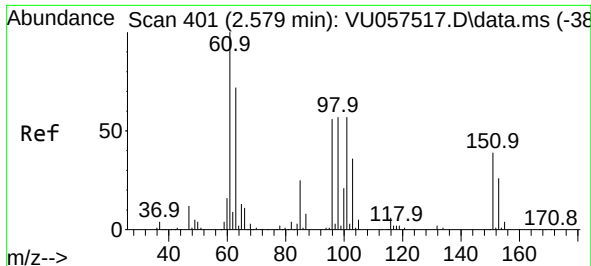
Tgt Ion:101 Resp: 161639

Ion Ratio Lower Upper

101 100

103 64.3 51.2 76.8

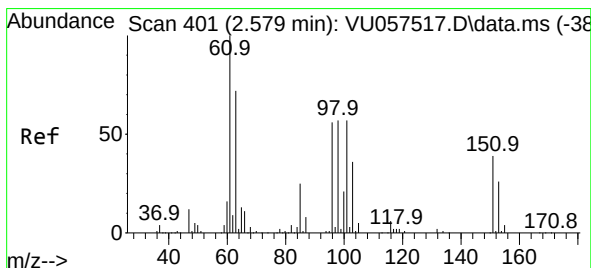
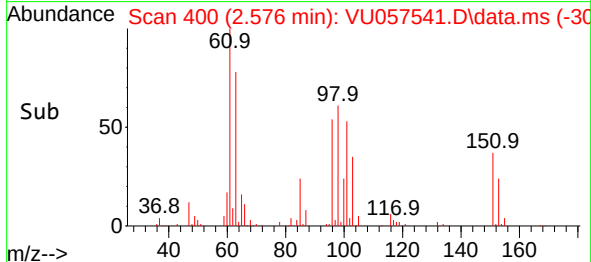
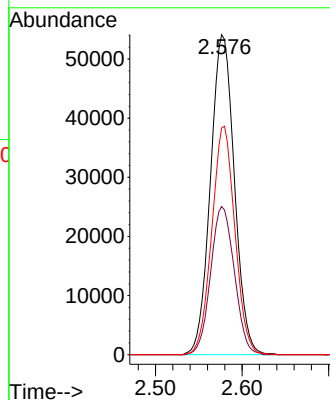
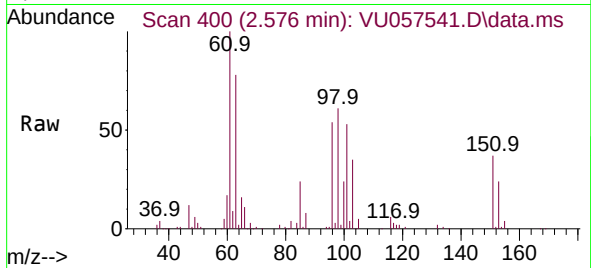




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 5.646 ug/L
 RT: 2.576 min Scan# 400
 Delta R.T. -0.003 min
 Lab File: VU057541.D
 Acq: 15 Jan 2024 19:50

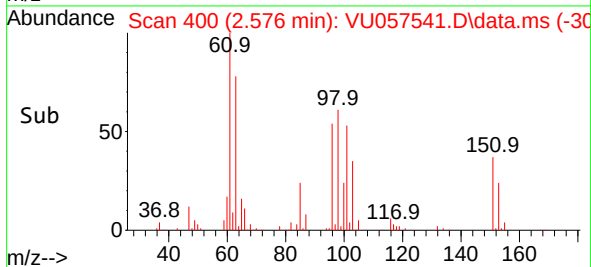
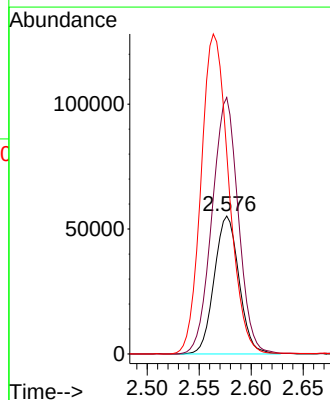
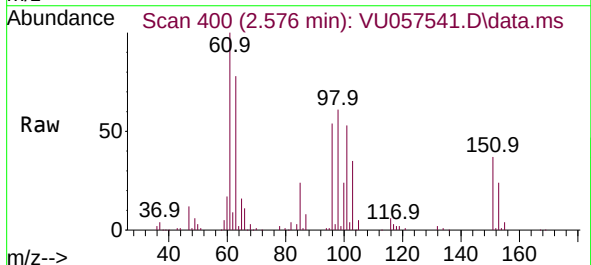
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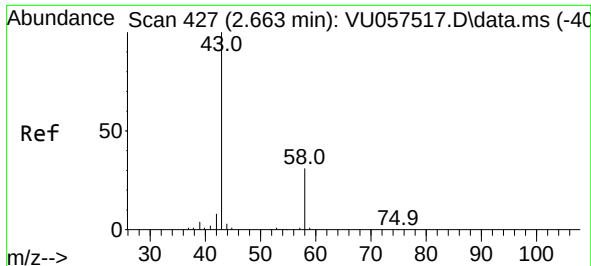
Tgt Ion:101 Resp: 103866
 Ion Ratio Lower Upper
 101 100
 85 45.8 35.1 52.7
 151 69.1 55.4 83.0



#12
 1,1-Dichloroethene
 Concen: 5.613 ug/L
 RT: 2.576 min Scan# 400
 Delta R.T. -0.003 min
 Lab File: VU057541.D
 Acq: 15 Jan 2024 19:50

Tgt Ion: 96 Resp: 91419
 Ion Ratio Lower Upper
 96 100
 61 186.0 130.9 243.1
 63 145.8 114.8 213.2





#13

Acetone

Concen: 49.473 ug/L

RT: 2.666 min Scan# 41

Delta R.T. 0.004 min

Lab File: VU057541.D

Acq: 15 Jan 2024 19:50

Instrument :

MSVOA_U

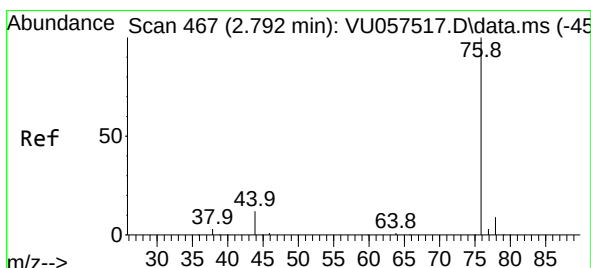
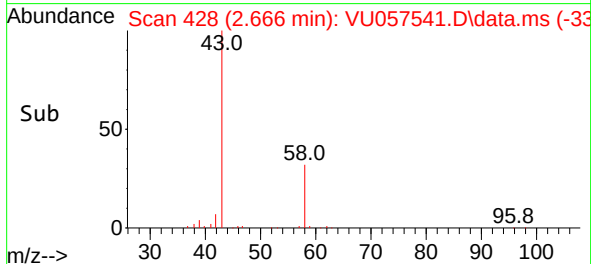
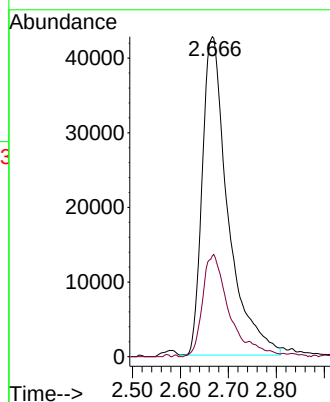
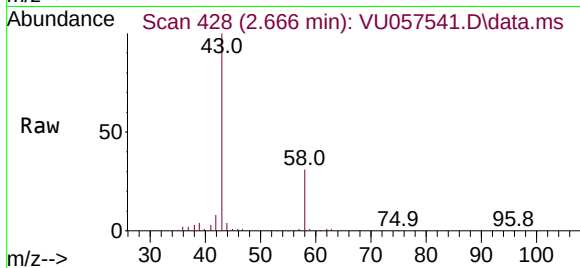
ClientSampleId :

Tgt Ion: 43 Resp: 159111

Ion Ratio Lower Upper

43 100

58 30.5 0.0 67.8



#14

Carbon disulfide

Concen: 5.938 ug/L

RT: 2.789 min Scan# 466

Delta R.T. -0.003 min

Lab File: VU057541.D

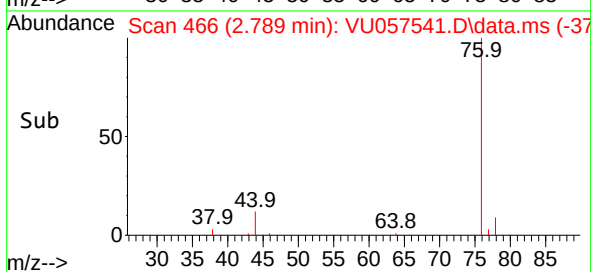
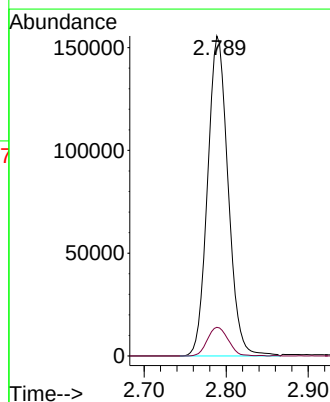
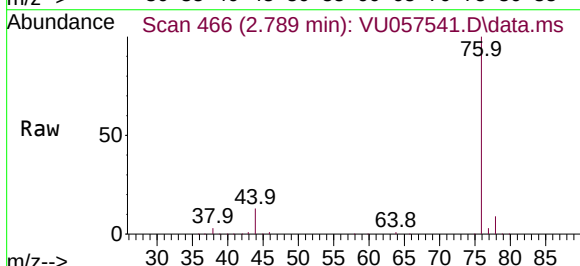
Acq: 15 Jan 2024 19:50

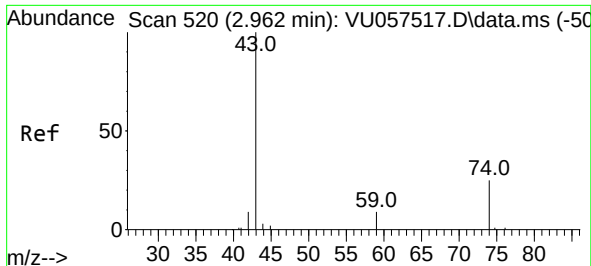
Tgt Ion: 76 Resp: 270212

Ion Ratio Lower Upper

76 100

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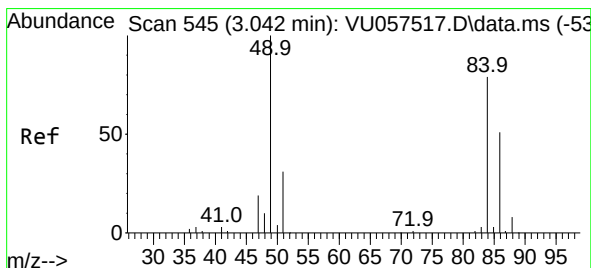
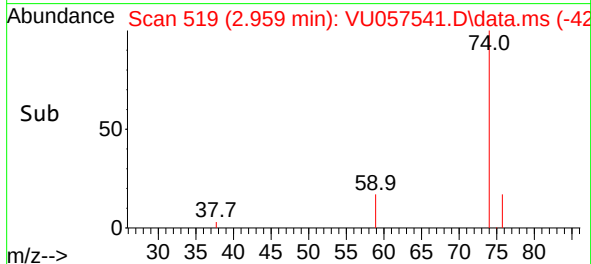
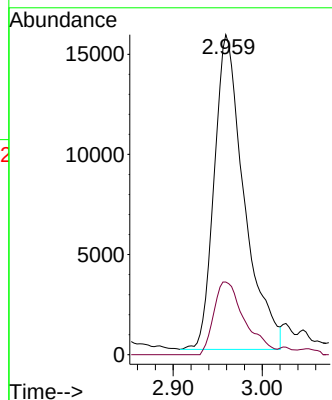
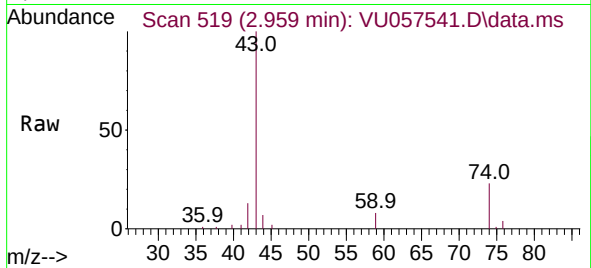




#15
Methyl Acetate
Concen: 5.034 ug/L
RT: 2.959 min Scan# 519
Delta R.T. -0.003 min
Lab File: VU057541.D
Acq: 15 Jan 2024 19:50

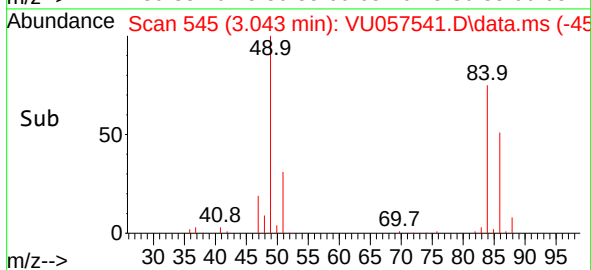
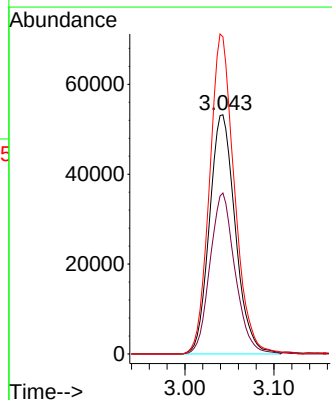
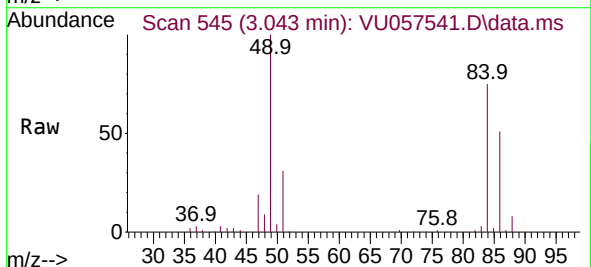
Instrument :
MSVOA_U
ClientSampleId :

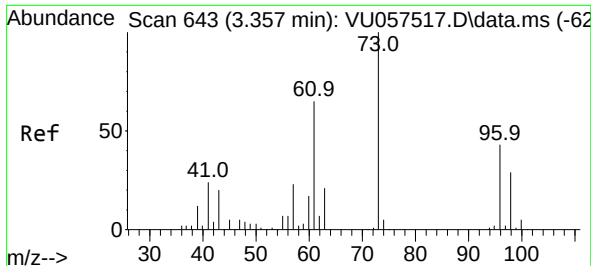
Tgt Ion: 43 Resp: 36598
Ion Ratio Lower Upper
43 100
74 24.0 18.6 27.8



#16
Methylene chloride
Concen: 4.869 ug/L
RT: 3.043 min Scan# 545
Delta R.T. 0.000 min
Lab File: VU057541.D
Acq: 15 Jan 2024 19:50

Tgt Ion: 84 Resp: 107236
Ion Ratio Lower Upper
84 100
86 67.3 45.8 85.2
49 132.5 86.7 161.1

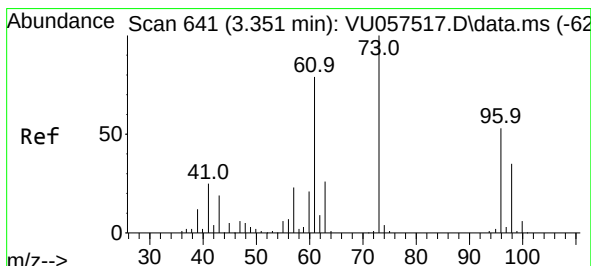
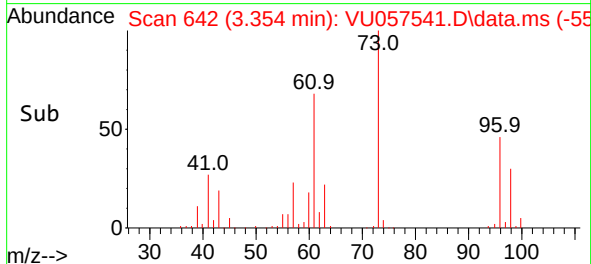
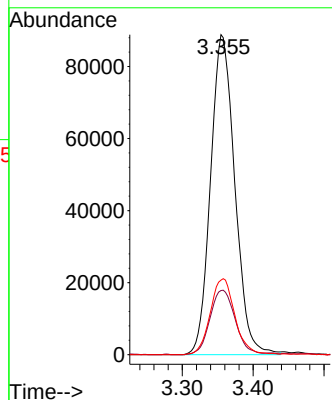
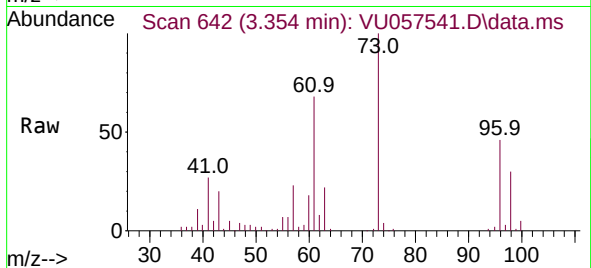




#17
Methyl tert-butyl Ether
Concen: 5.234 ug/L
RT: 3.354 min Scan# 64
Delta R.T. -0.003 min
Lab File: VU057541.D
Acq: 15 Jan 2024 19:50

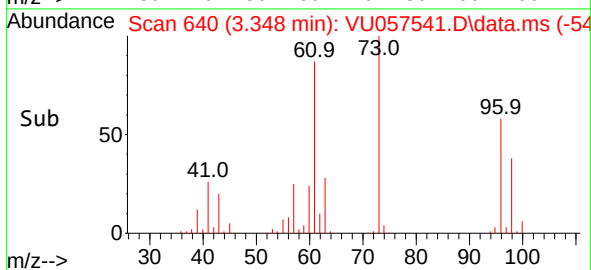
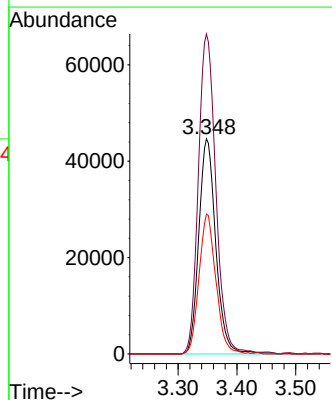
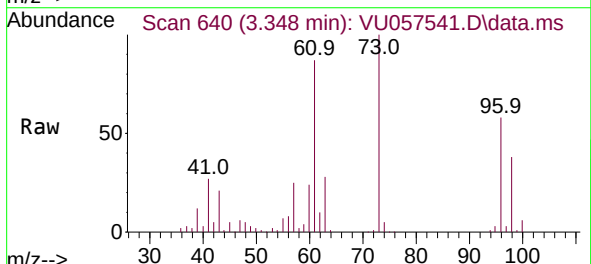
Instrument :
MSVOA_U
ClientSampleId :

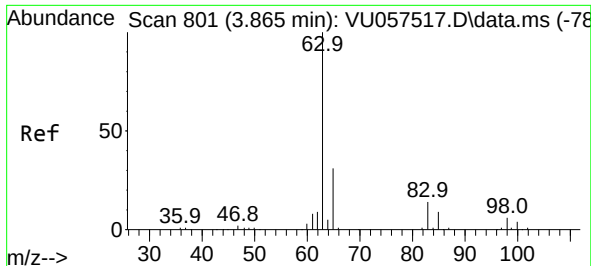
Tgt Ion: 73 Resp: 211474
Ion Ratio Lower Upper
73 100
43 21.0 16.1 24.1
57 24.1 18.2 27.4



#18
trans-1,2-Dichloroethene
Concen: 5.553 ug/L
RT: 3.348 min Scan# 640
Delta R.T. -0.003 min
Lab File: VU057541.D
Acq: 15 Jan 2024 19:50

Tgt Ion: 96 Resp: 89764
Ion Ratio Lower Upper
96 100
61 148.7 105.1 195.3
98 65.0 43.7 81.1





#19

1,1-Dichloroethane

Concen: 5.647 ug/L

RT: 3.863 min Scan# 80

Delta R.T. -0.003 min

Lab File: VU057541.D

Acq: 15 Jan 2024 19:50

Instrument :

MSVOA_U

ClientSampleId :

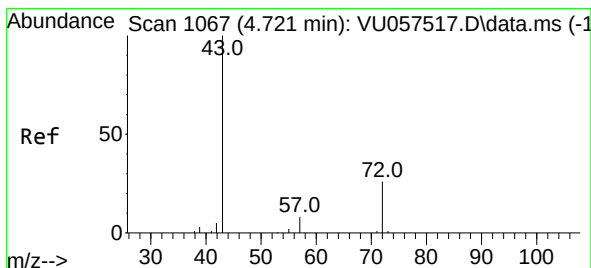
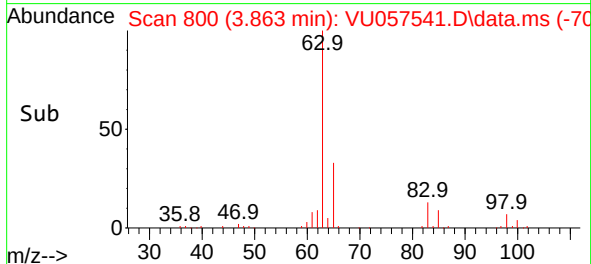
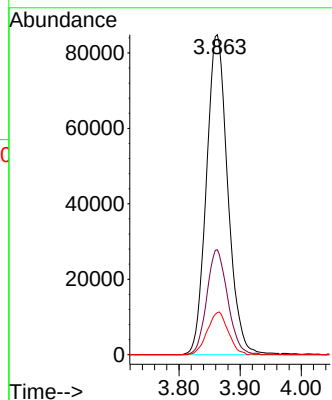
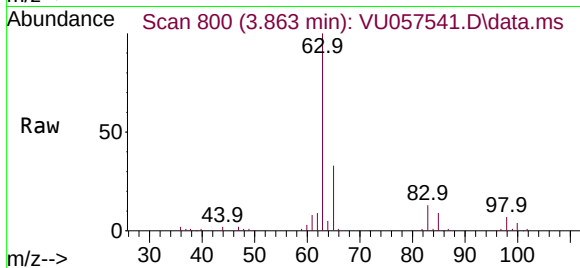
Tgt Ion: 63 Resp: 206002

Ion Ratio Lower Upper

63 100

65 32.8 22.3 41.3

83 13.1 9.1 16.9



#21

2-Butanone

Concen: 56.299 ug/L

RT: 4.721 min Scan# 1067

Delta R.T. 0.000 min

Lab File: VU057541.D

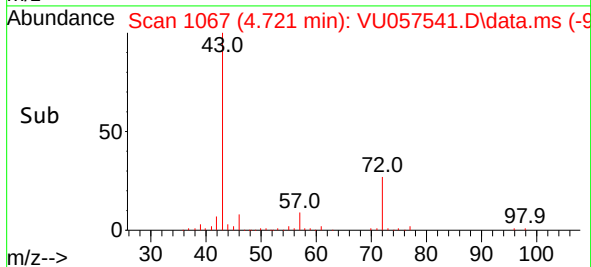
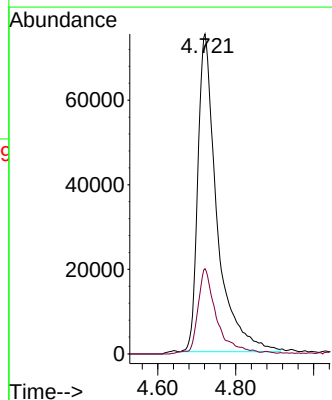
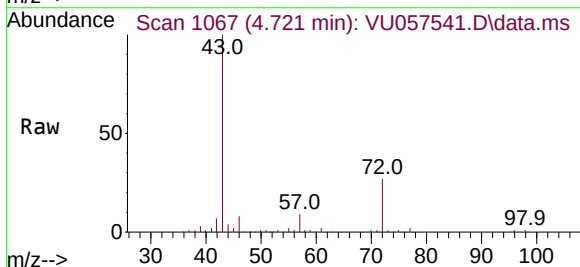
Acq: 15 Jan 2024 19:50

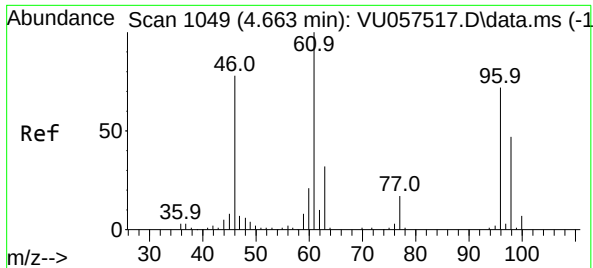
Tgt Ion: 43 Resp: 256127

Ion Ratio Lower Upper

43 100

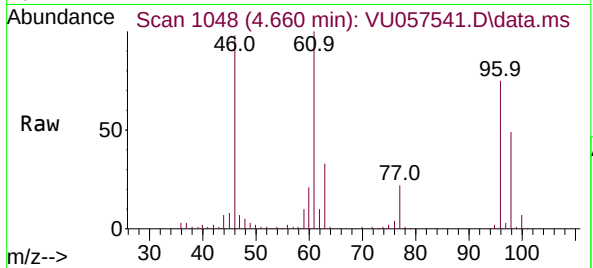
72 26.0 12.7 38.0



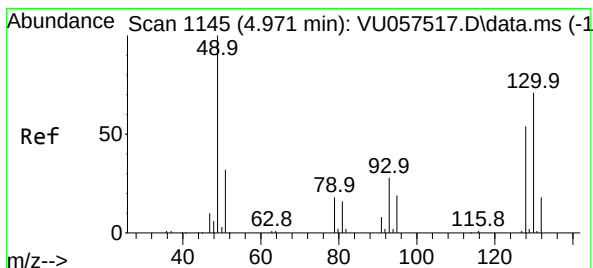
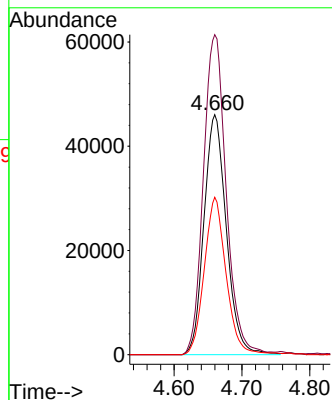
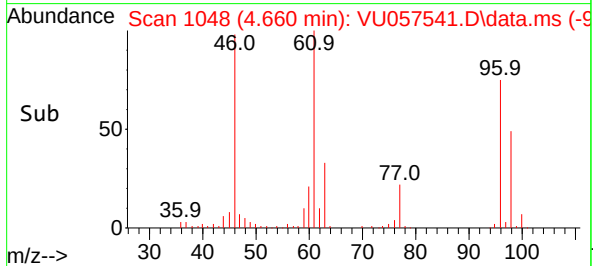


#22
 cis-1,2-Dichloroethene
 Concen: 5.607 ug/L
 RT: 4.660 min Scan# 1049
 Delta R.T. -0.003 min
 Lab File: VU057541.D
 Acq: 15 Jan 2024 19:50

Instrument :
 MSVOA_U
 ClientSampleId :

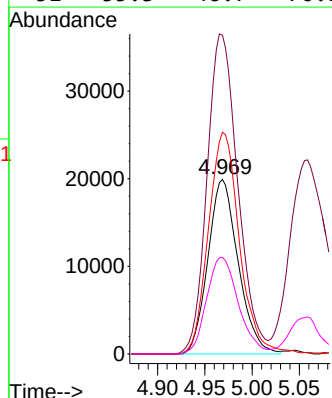
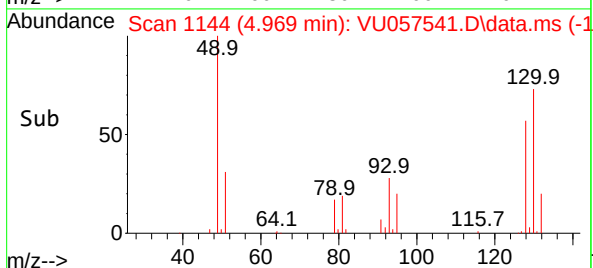
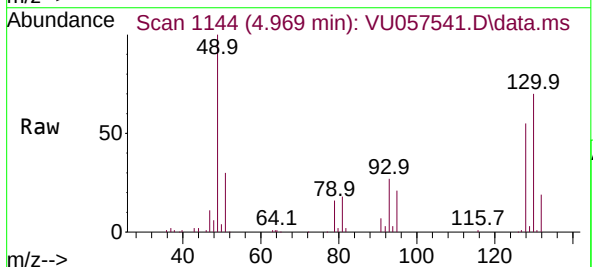


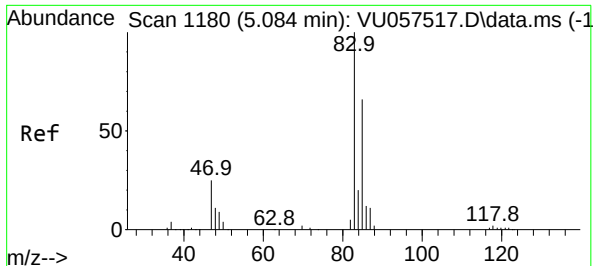
Tgt Ion: 96 Resp: 105525
 Ion Ratio Lower Upper
 96 100
 61 133.3 93.4 173.4
 98 65.6 44.9 83.3



#23
 Bromochloromethane
 Concen: 5.490 ug/L
 RT: 4.969 min Scan# 1144
 Delta R.T. -0.003 min
 Lab File: VU057541.D
 Acq: 15 Jan 2024 19:50

Tgt Ion: 128 Resp: 44360
 Ion Ratio Lower Upper
 128 100
 49 182.6 130.3 241.9
 130 127.0 88.8 165.0
 51 55.3 46.7 70.1





#25

Chloroform

Concen: 5.665 ug/L

RT: 5.081 min Scan# 1180

Delta R.T. -0.003 min

Lab File: VU057541.D

Acq: 15 Jan 2024 19:50

Instrument :

MSVOA_U

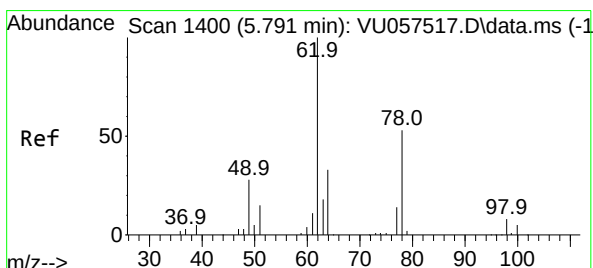
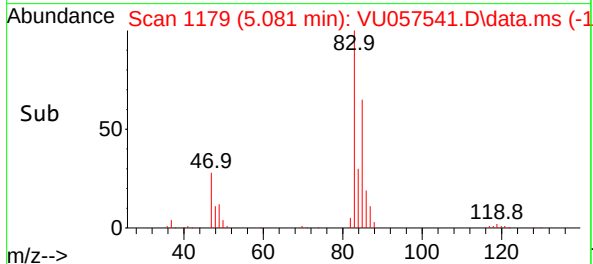
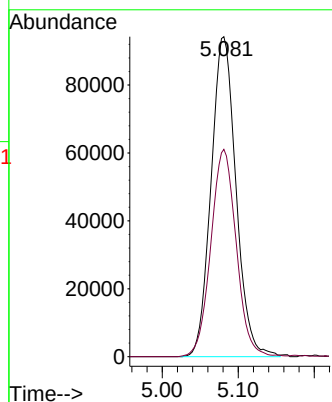
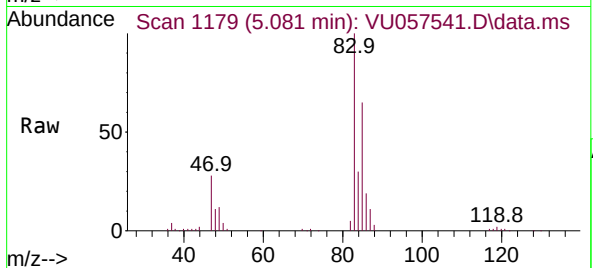
ClientSampleId :

Tgt Ion: 83 Resp: 214288

Ion Ratio Lower Upper

83 100

85 64.8 46.7 86.7



#27

1,2-Dichloroethane

Concen: 5.694 ug/L

RT: 5.788 min Scan# 1399

Delta R.T. -0.003 min

Lab File: VU057541.D

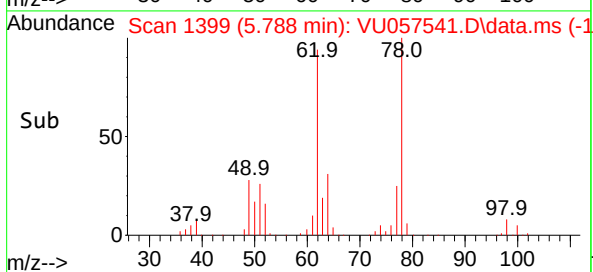
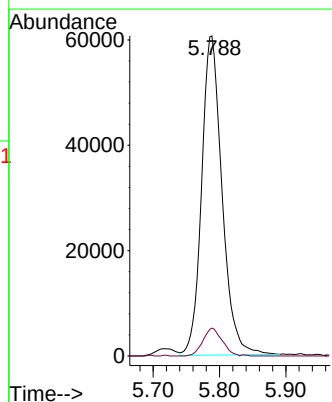
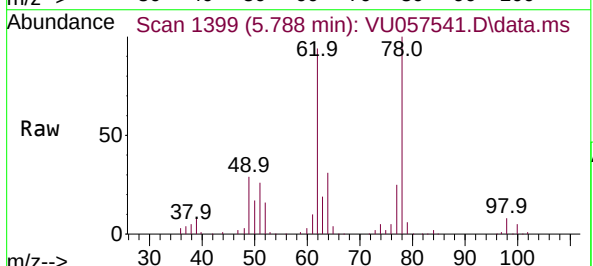
Acq: 15 Jan 2024 19:50

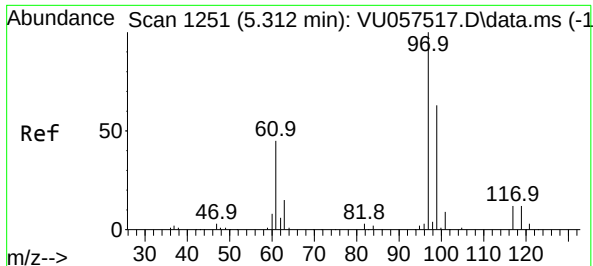
Tgt Ion: 62 Resp: 129725

Ion Ratio Lower Upper

62 100

98 8.7 7.4 11.0





#29

1,1,1-Trichloroethane

Concen: 5.553 ug/L

RT: 5.309 min Scan# 1

Delta R.T. -0.003 min

Lab File: VU057541.D

Acq: 15 Jan 2024 19:50

Instrument :

MSVOA_U

ClientSampleId :

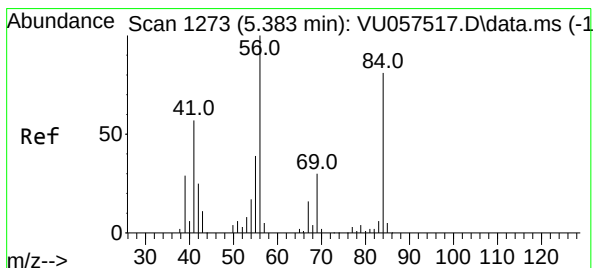
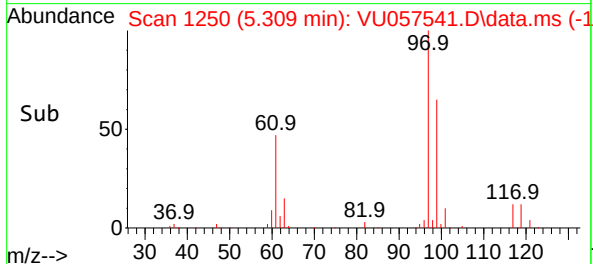
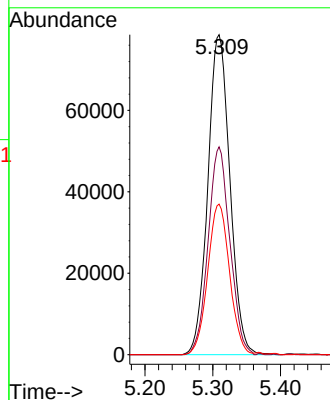
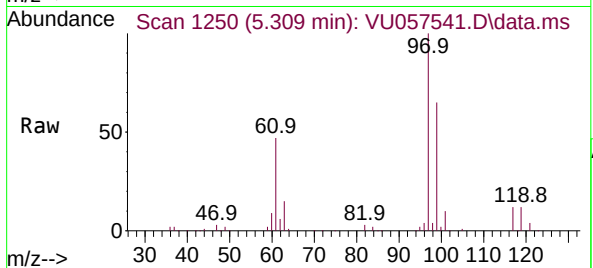
Tgt Ion: 97 Resp: 178096

Ion Ratio Lower Upper

97 100

99 63.9 51.4 77.0

61 46.6 36.9 55.3



#30

Cyclohexane

Concen: 5.281 ug/L

RT: 5.383 min Scan# 1273

Delta R.T. 0.000 min

Lab File: VU057541.D

Acq: 15 Jan 2024 19:50

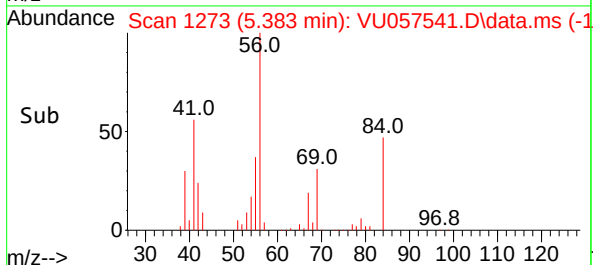
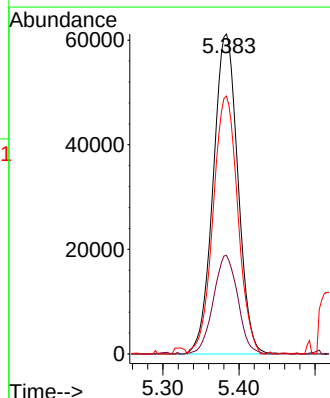
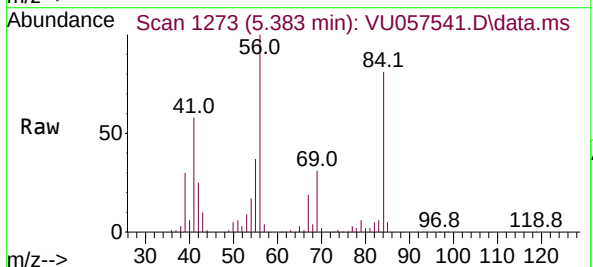
Tgt Ion: 56 Resp: 137751

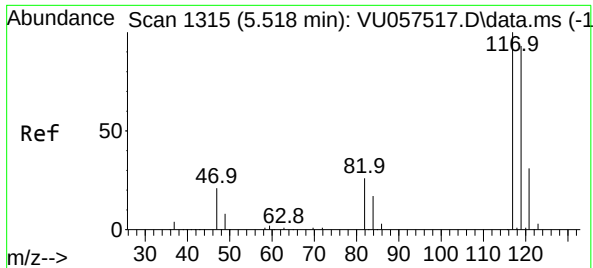
Ion Ratio Lower Upper

56 100

69 30.5 24.1 36.1

84 80.9 64.8 97.2

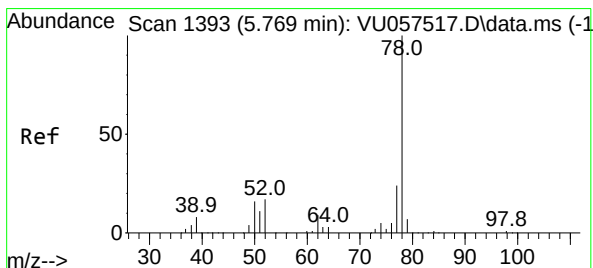
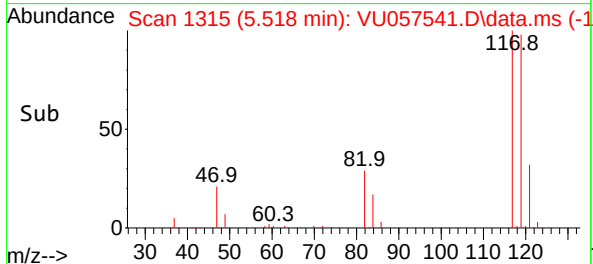
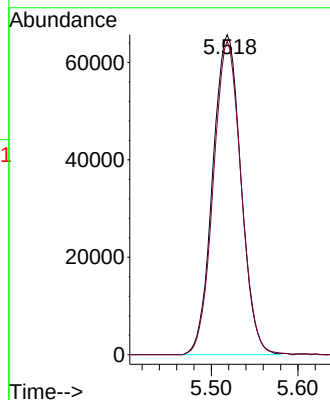
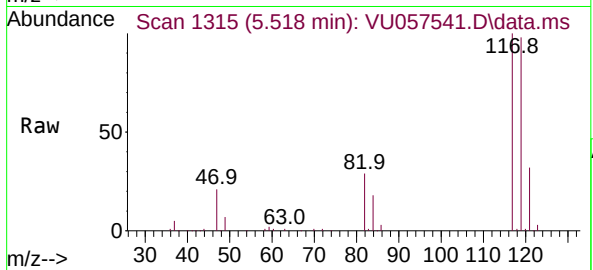




#31
Carbon tetrachloride
Concen: 5.610 ug/L
RT: 5.518 min Scan# 1315
Delta R.T. 0.000 min
Lab File: VU057541.D
Acq: 15 Jan 2024 19:50

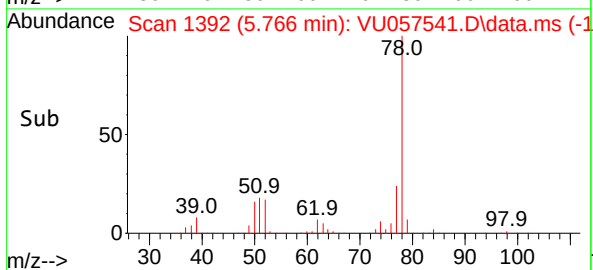
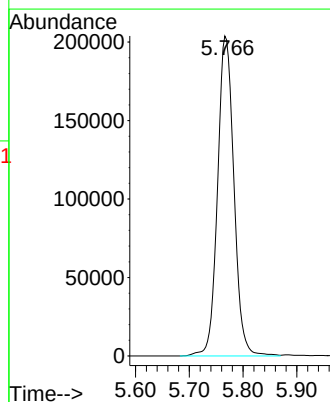
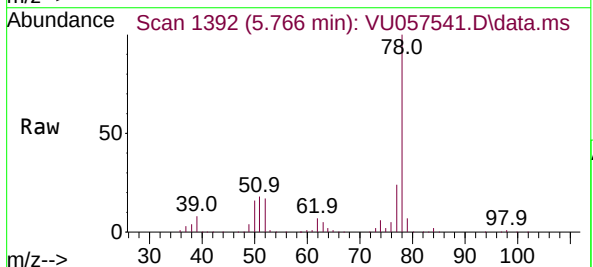
Instrument :
MSVOA_U
ClientSampleId :

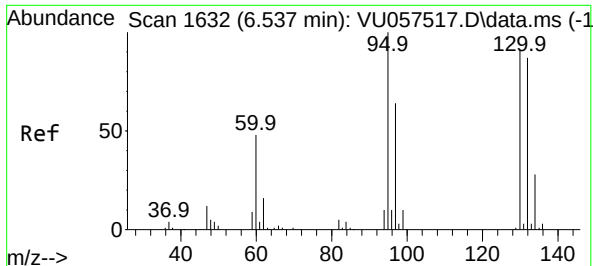
Tgt Ion:117 Resp: 148588
Ion Ratio Lower Upper
117 100
119 96.3 78.0 117.0



#33
Benzene
Concen: 5.649 ug/L
RT: 5.766 min Scan# 1392
Delta R.T. -0.003 min
Lab File: VU057541.D
Acq: 15 Jan 2024 19:50

Tgt Ion: 78 Resp: 431528





#34

Trichloroethene

Concen: 5.459 ug/L

RT: 6.538 min Scan# 1

Delta R.T. 0.000 min

Lab File: VU057541.D

Acq: 15 Jan 2024 19:50

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion: 95 Resp: 109539

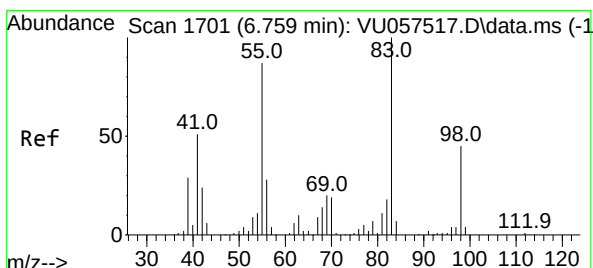
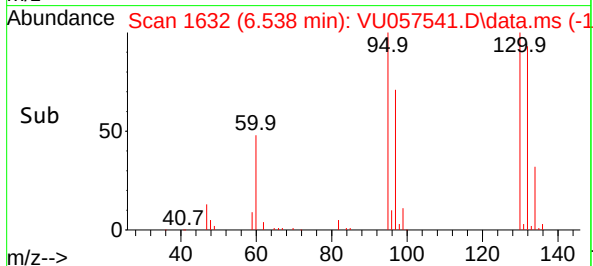
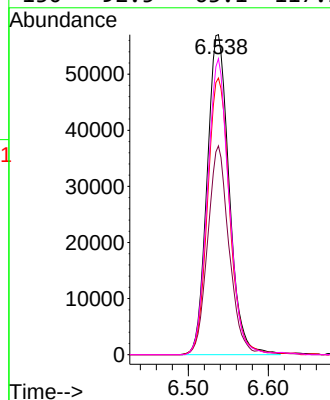
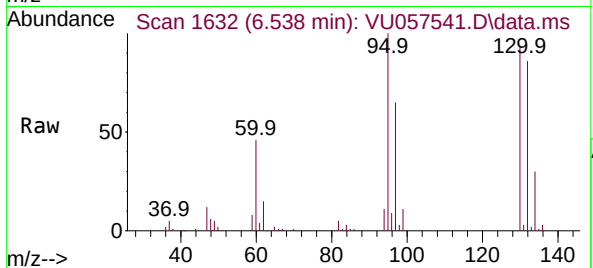
Ion Ratio Lower Upper

95 100

97 65.2 45.0 83.6

132 86.5 61.7 114.5

130 92.5 63.1 117.3



#35

Methylcyclohexane

Concen: 5.170 ug/L

RT: 6.756 min Scan# 1700

Delta R.T. -0.003 min

Lab File: VU057541.D

Acq: 15 Jan 2024 19:50

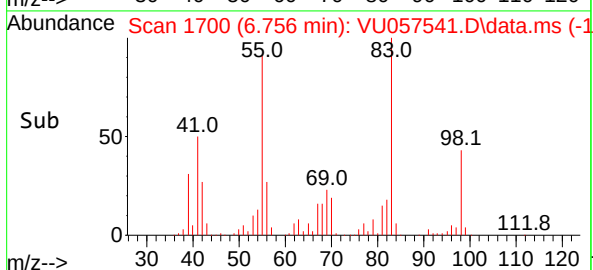
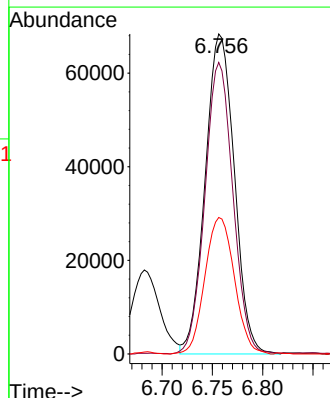
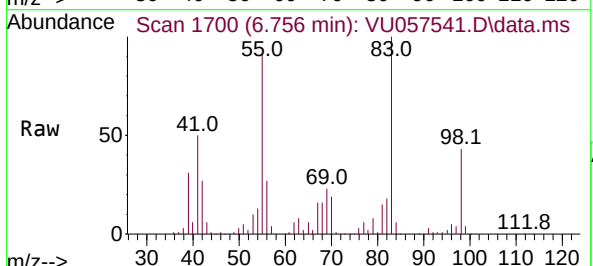
Tgt Ion: 83 Resp: 137932

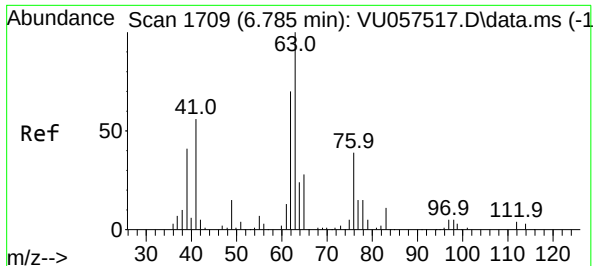
Ion Ratio Lower Upper

83 100

55 87.7 68.7 103.1

98 43.1 36.3 54.5





#37

1,2-Dichloropropane

Concen: 5.599 ug/L

RT: 6.782 min Scan# 1

Delta R.T. -0.003 min

Lab File: VU057541.D

Acq: 15 Jan 2024 19:50

Instrument :

MSVOA_U

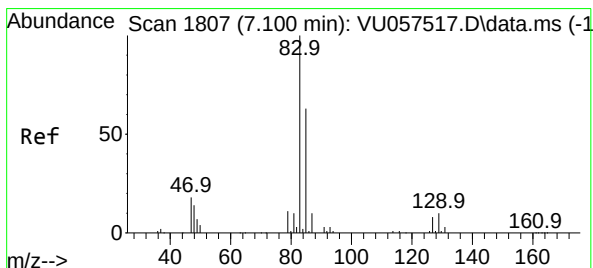
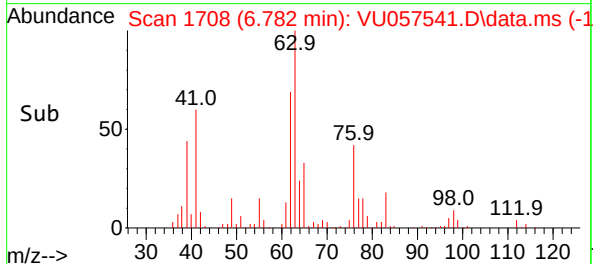
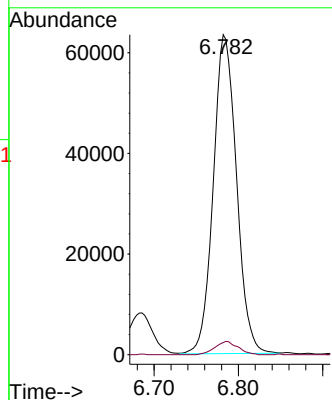
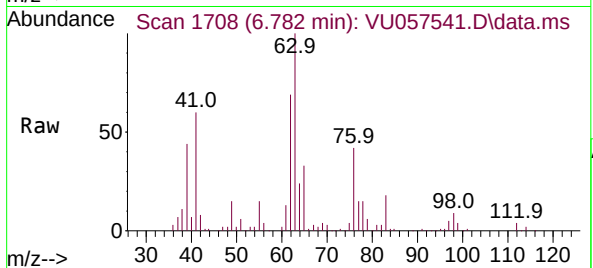
ClientSampleId :

Tgt Ion: 63 Resp: 121282

Ion Ratio Lower Upper

63 100

112 4.1 2.7 4.1#



#38

Bromodichloromethane

Concen: 5.724 ug/L

RT: 7.100 min Scan# 1807

Delta R.T. 0.000 min

Lab File: VU057541.D

Acq: 15 Jan 2024 19:50

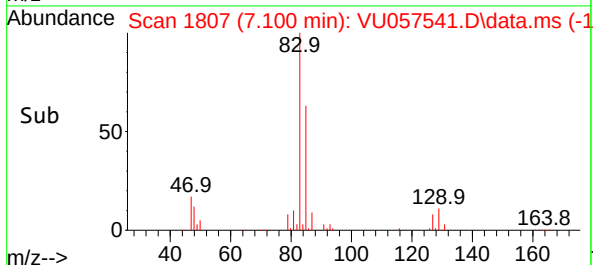
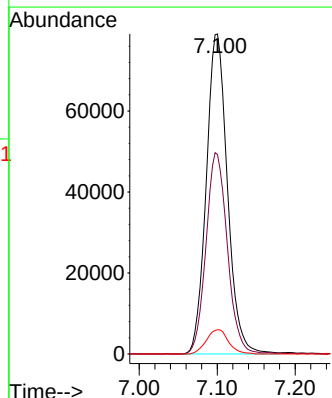
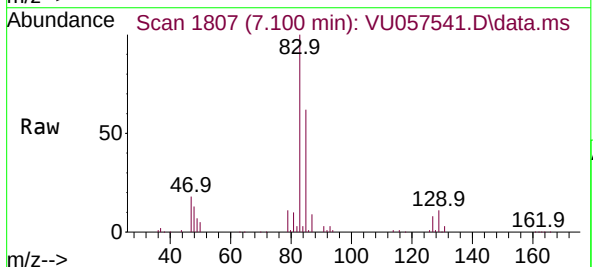
Tgt Ion: 83 Resp: 149292

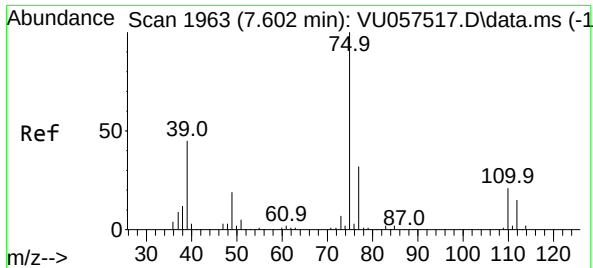
Ion Ratio Lower Upper

83 100

85 62.3 44.3 82.3

127 7.6 6.1 9.1

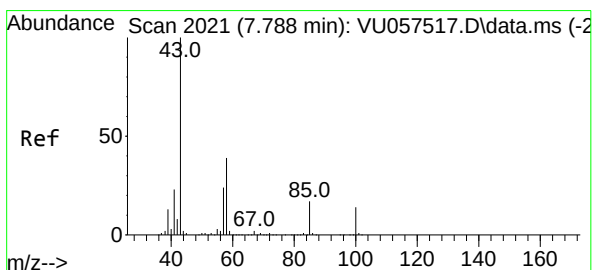
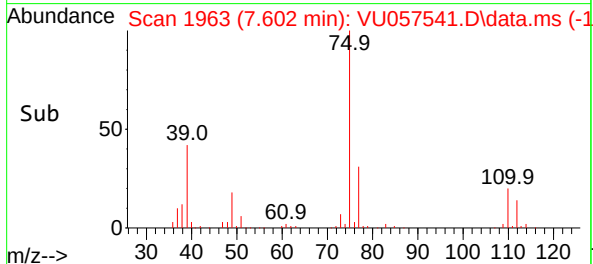
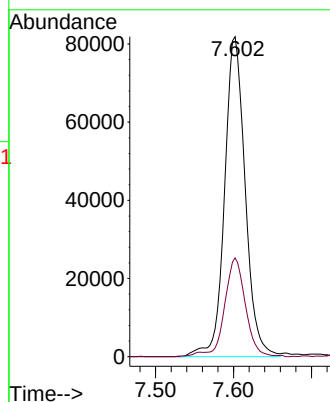
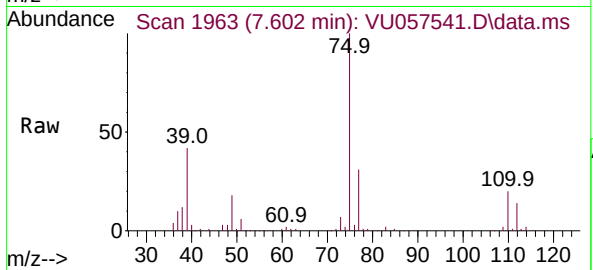




#39
 cis-1,3-Dichloropropene
 Concen: 5.273 ug/L
 RT: 7.602 min Scan# 1963
 Delta R.T. 0.000 min
 Lab File: VU057541.D
 Acq: 15 Jan 2024 19:50

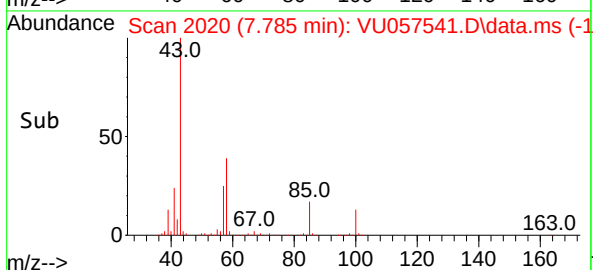
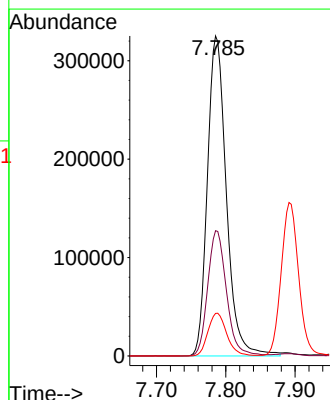
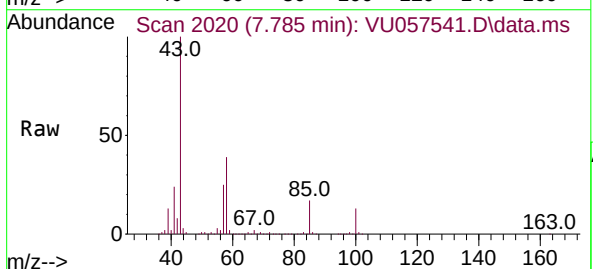
Instrument :
 MSVOA_U
 ClientSampleId :

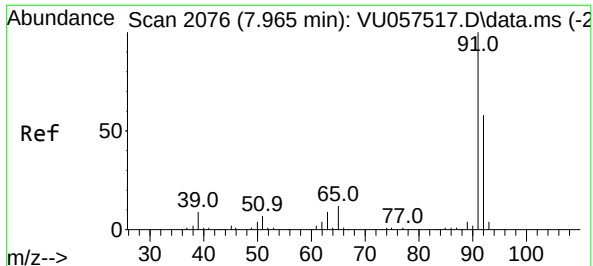
Tgt Ion: 75 Resp: 151013
 Ion Ratio Lower Upper
 75 100
 77 30.8 22.5 41.9



#40
 4-Methyl-2-pentanone
 Concen: 57.476 ug/L
 RT: 7.785 min Scan# 2020
 Delta R.T. -0.003 min
 Lab File: VU057541.D
 Acq: 15 Jan 2024 19:50

Tgt Ion: 43 Resp: 618121
 Ion Ratio Lower Upper
 43 100
 58 38.7 31.4 47.2
 100 13.3 10.7 16.1





#42

Toluene

Concen: 5.920 ug/L

RT: 7.962 min Scan# 2076

Delta R.T. -0.003 min

Lab File: VU057541.D

Acq: 15 Jan 2024 19:50

Instrument :

MSVOA_U

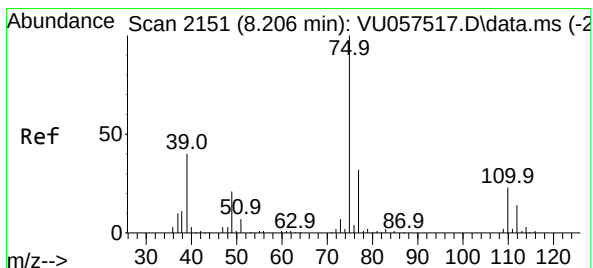
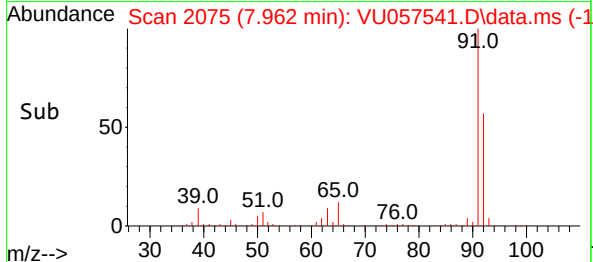
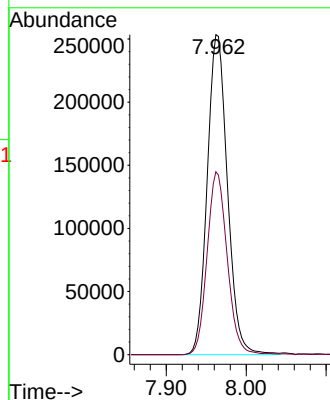
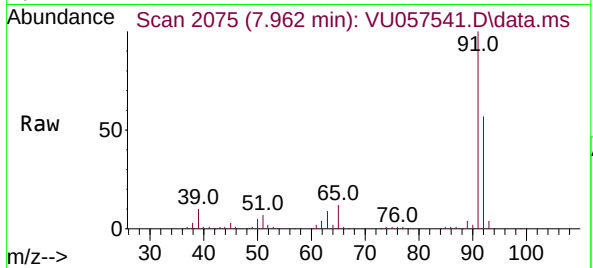
ClientSampleId :

Tgt Ion: 91 Resp: 445709

Ion Ratio Lower Upper

91 100

92 57.2 41.2 76.4



#44

trans-1,3-Dichloropropene

Concen: 5.449 ug/L

RT: 8.206 min Scan# 2151

Delta R.T. 0.000 min

Lab File: VU057541.D

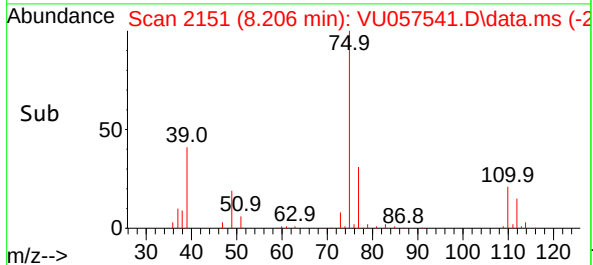
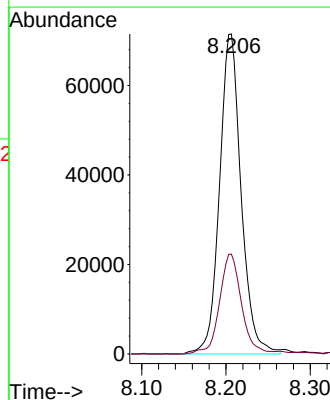
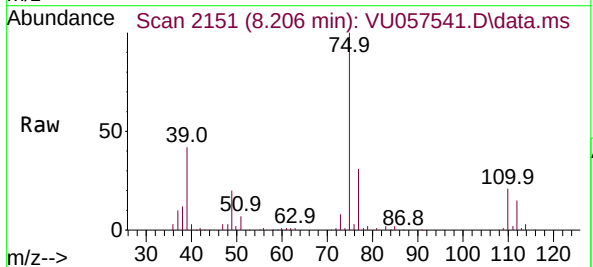
Acq: 15 Jan 2024 19:50

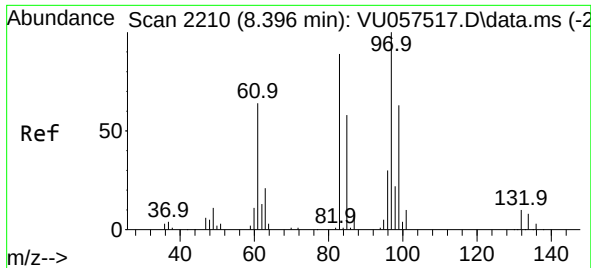
Tgt Ion: 75 Resp: 127009

Ion Ratio Lower Upper

75 100

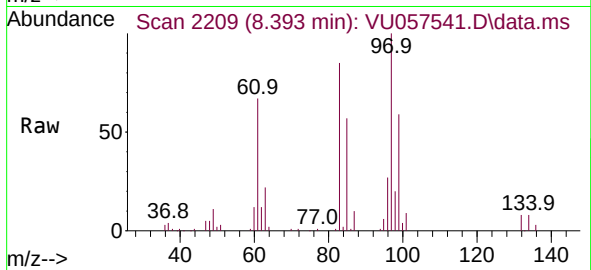
77 31.2 22.1 41.1



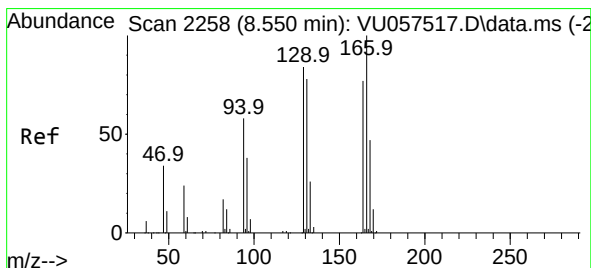
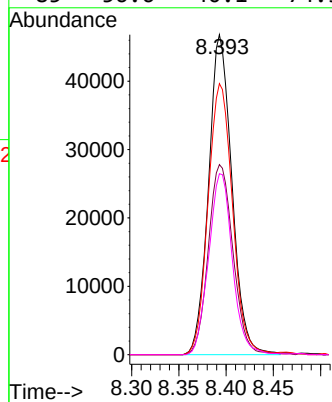
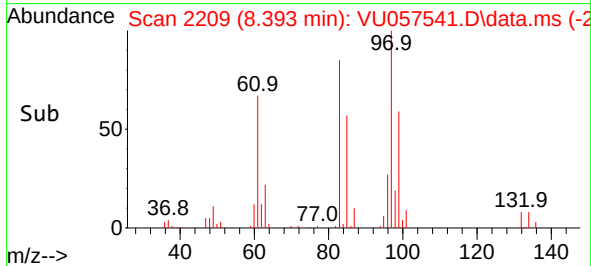


#45
1,1,2-Trichloroethane
Concen: 5.758 ug/L
RT: 8.393 min Scan# 21
Delta R.T. -0.003 min
Lab File: VU057541.D
Acq: 15 Jan 2024 19:50

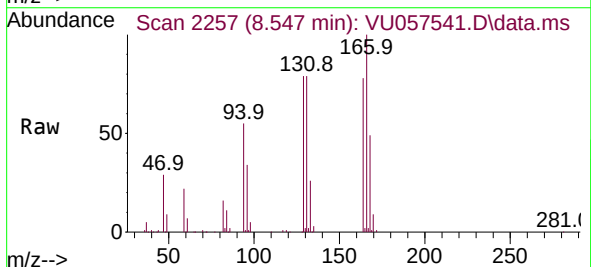
Instrument :
MSVOA_U
ClientSampleId :



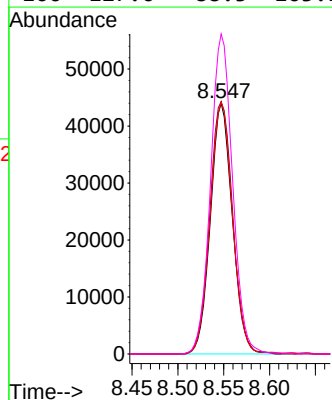
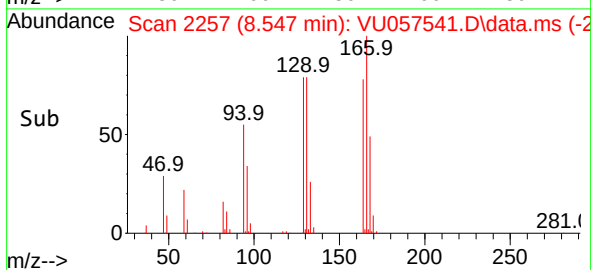
Tgt Ion:	97	Resp:	80452
Ion	Ratio	Lower	Upper
97	100		
99	59.4	45.5	84.5
83	84.7	63.8	118.6
85	56.6	40.1	74.5

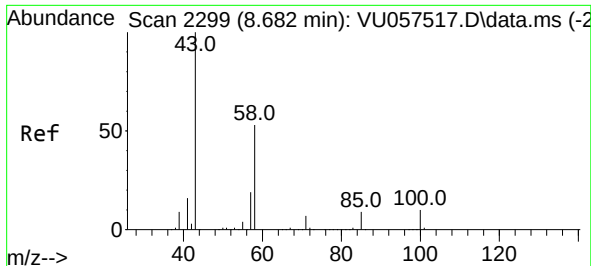


#47
Tetrachloroethene
Concen: 5.497 ug/L
RT: 8.547 min Scan# 2257
Delta R.T. -0.003 min
Lab File: VU057541.D
Acq: 15 Jan 2024 19:50



Tgt Ion:	164	Resp:	73255
Ion	Ratio	Lower	Upper
164	100		
129	100.7	74.8	138.8
131	100.4	70.3	130.7
166	127.6	88.3	163.9

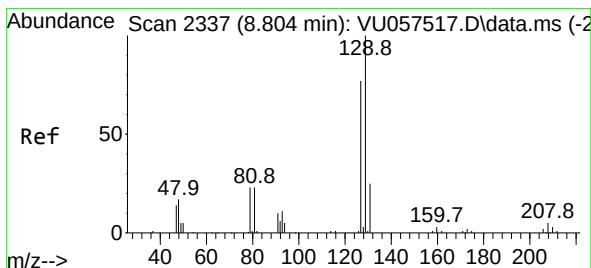
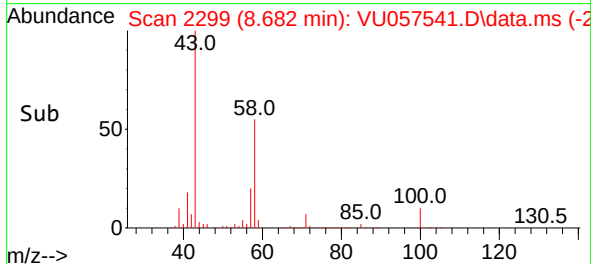
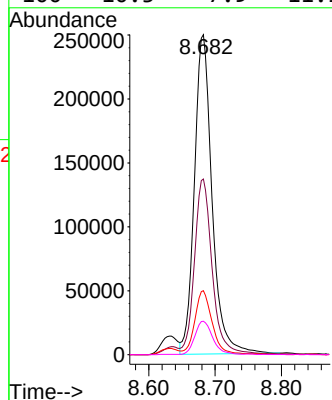
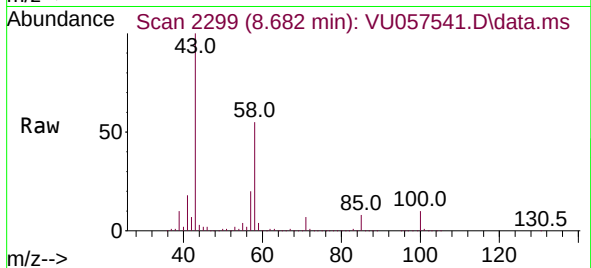




#48
2-Hexanone
Concen: 58.923 ug/L
RT: 8.682 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU057541.D
Acq: 15 Jan 2024 19:50

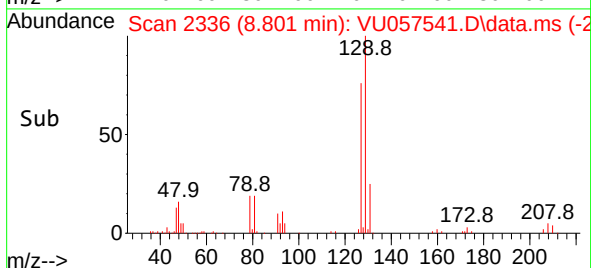
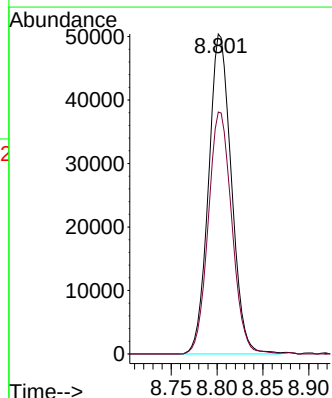
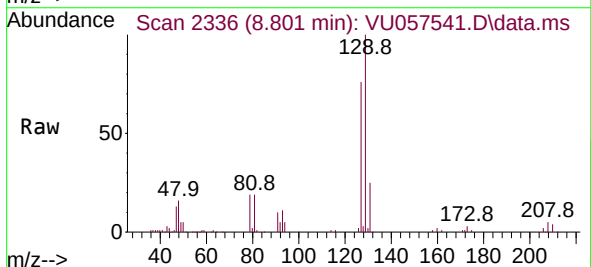
Instrument :
MSVOA_U
ClientSampleId :

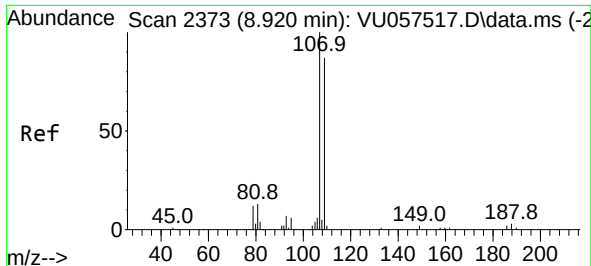
Tgt Ion: 43 Resp: 462774
Ion Ratio Lower Upper
43 100
58 54.6 43.1 64.7
57 19.7 15.5 23.3
100 10.3 7.9 11.9



#49
Dibromochloromethane
Concen: 5.820 ug/L
RT: 8.801 min Scan# 2336
Delta R.T. -0.003 min
Lab File: VU057541.D
Acq: 15 Jan 2024 19:50

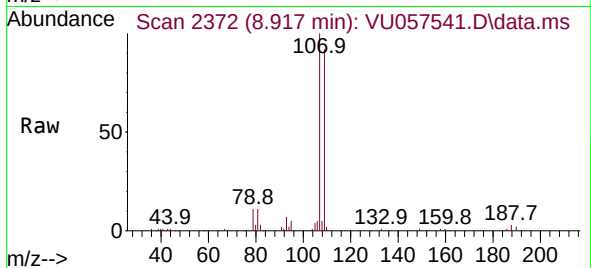
Tgt Ion: 129 Resp: 87252
Ion Ratio Lower Upper
129 100
127 75.6 54.7 101.7



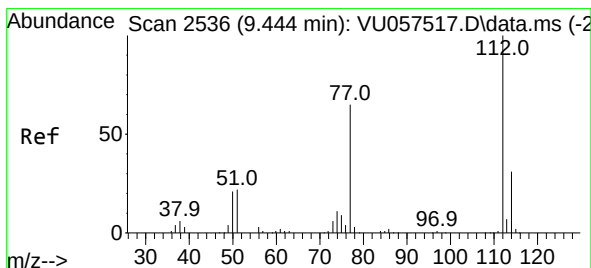
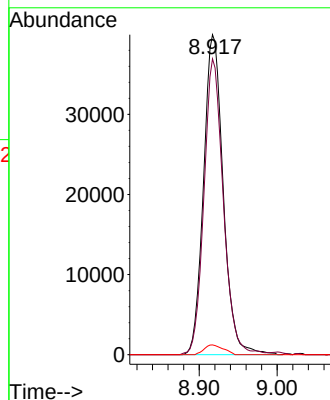
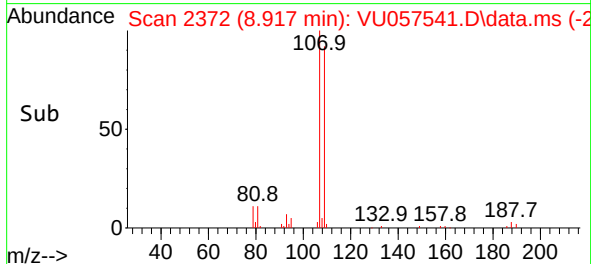


#50
1,2-Dibromoethane
Concen: 6.083 ug/L
RT: 8.917 min Scan# 21
Delta R.T. -0.003 min
Lab File: VU057541.D
Acq: 15 Jan 2024 19:50

Instrument :
MSVOA_U
ClientSampleId :

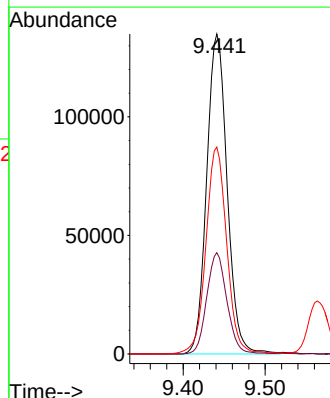
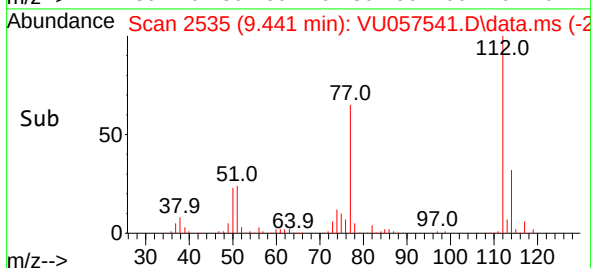
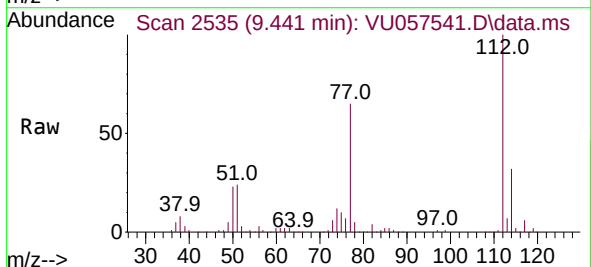


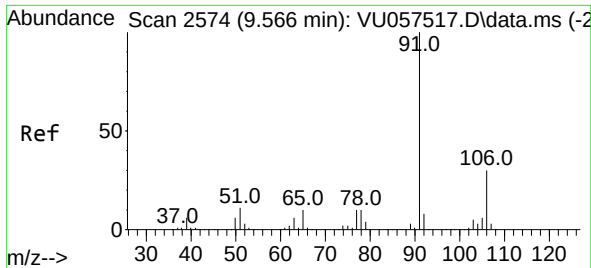
Tgt Ion:107 Resp: 70034
Ion Ratio Lower Upper
107 100
109 92.4 67.1 124.7
188 3.1 3.0 4.4



#51
Chlorobenzene
Concen: 4.930 ug/L
RT: 9.441 min Scan# 2535
Delta R.T. -0.003 min
Lab File: VU057541.D
Acq: 15 Jan 2024 19:50

Tgt Ion:112 Resp: 234002
Ion Ratio Lower Upper
112 100
114 31.6 22.0 40.8
77 64.6 53.4 80.0

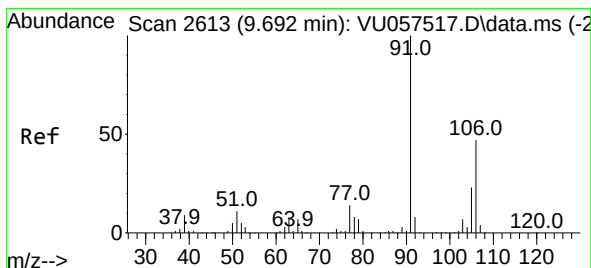
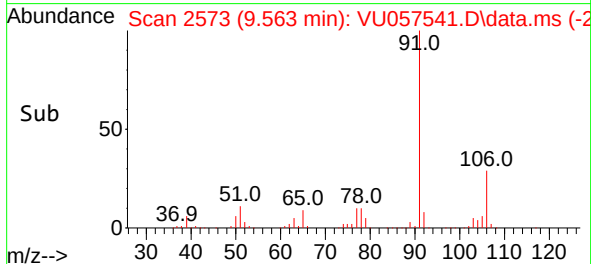
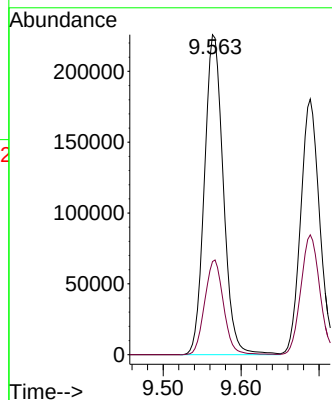
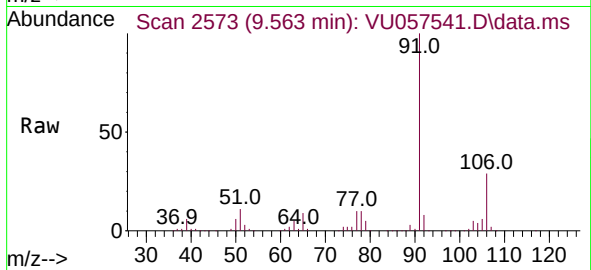




#52
Ethylbenzene
Concen: 4.912 ug/L
RT: 9.563 min Scan# 21
Delta R.T. -0.003 min
Lab File: VU057541.D
Acq: 15 Jan 2024 19:50

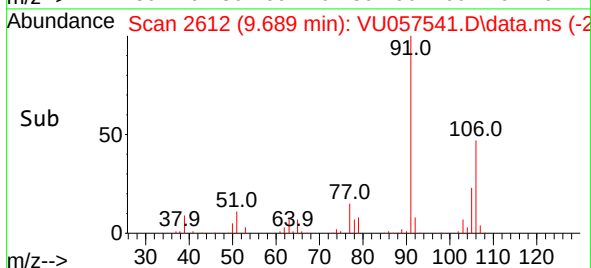
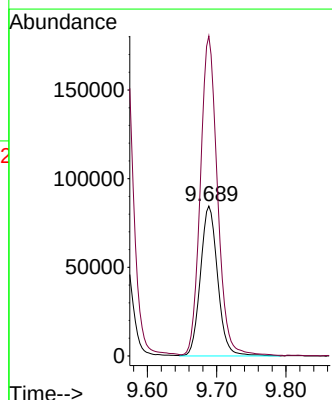
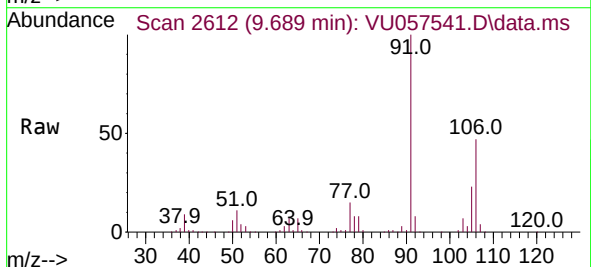
Instrument :
MSVOA_U
ClientSampleId :

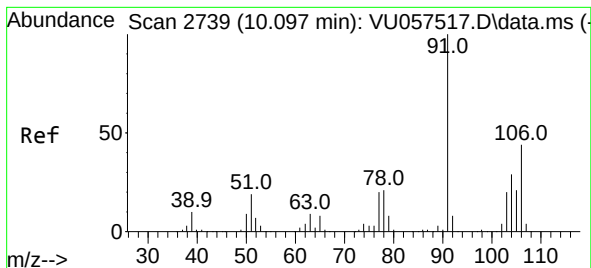
Tgt Ion: 91 Resp: 380322
Ion Ratio Lower Upper
91 100
106 29.1 20.5 38.1



#53
m,p-Xylene
Concen: 5.227 ug/L
RT: 9.689 min Scan# 2612
Delta R.T. -0.003 min
Lab File: VU057541.D
Acq: 15 Jan 2024 19:50

Tgt Ion: 106 Resp: 145812
Ion Ratio Lower Upper
106 100
91 213.4 153.4 285.0





#54

o-Xylene

Concen: 4.598 ug/L

RT: 10.094 min Scan# 21

Delta R.T. -0.003 min

Lab File: VU057541.D

Acq: 15 Jan 2024 19:50

Instrument :

MSVOA_U

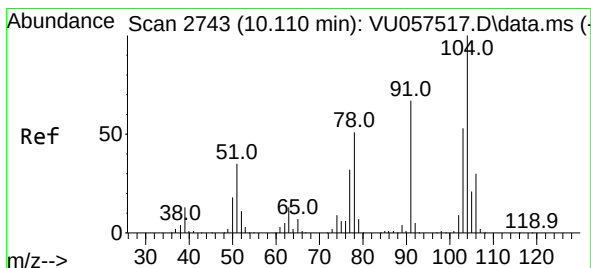
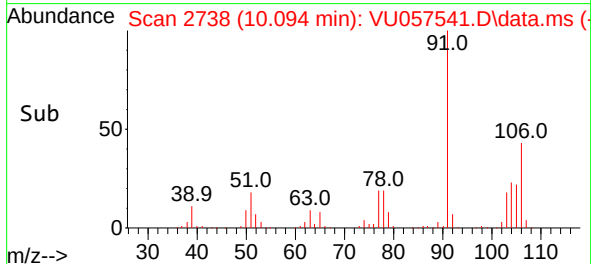
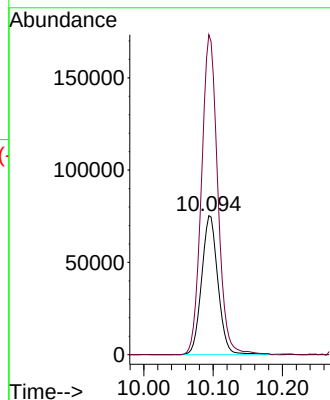
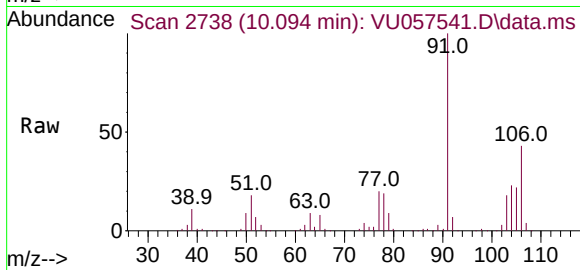
ClientSampleId :

Tgt Ion:106 Resp: 123069

Ion Ratio Lower Upper

106 100

91 230.2 165.1 306.5



#55

Styrene

Concen: 4.709 ug/L

RT: 10.110 min Scan# 2743

Delta R.T. 0.000 min

Lab File: VU057541.D

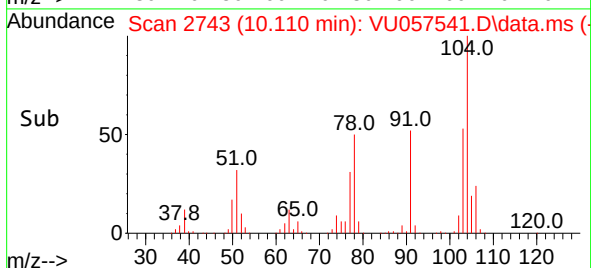
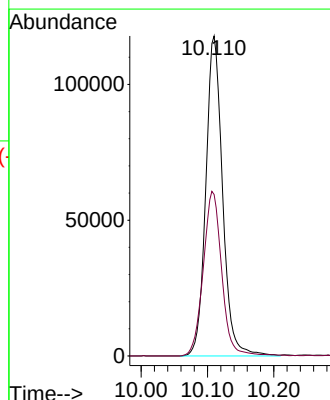
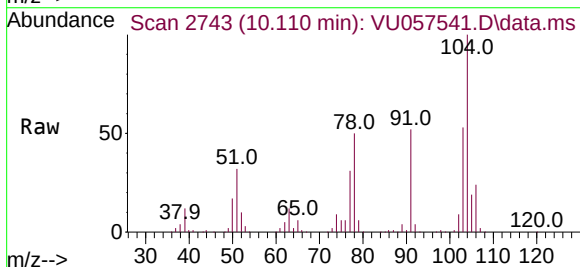
Acq: 15 Jan 2024 19:50

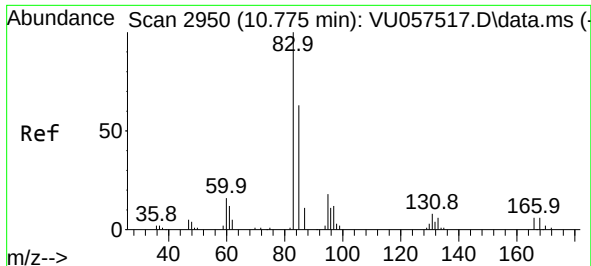
Tgt Ion:104 Resp: 207526

Ion Ratio Lower Upper

104 100

78 50.4 35.1 65.3

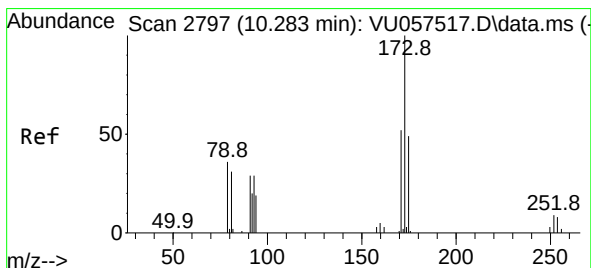
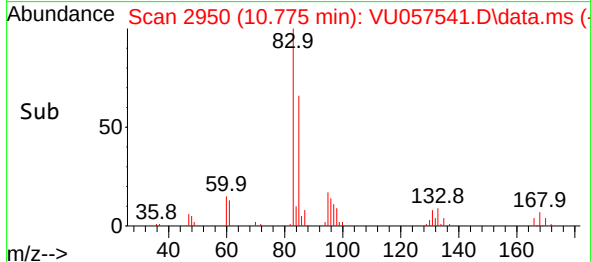
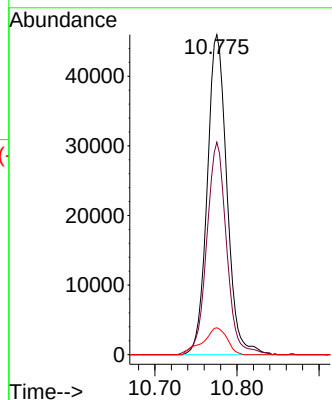
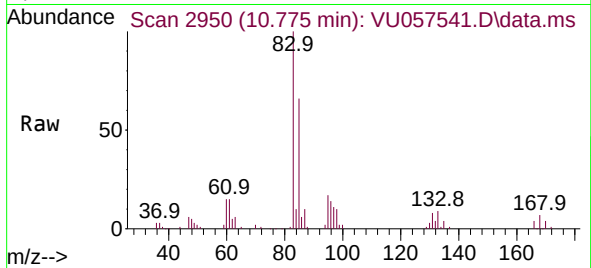




#57
1,1,2,2-Tetrachloroethane
Concen: 4.519 ug/L
RT: 10.775 min Scan# 2950
Delta R.T. 0.000 min
Lab File: VU057541.D
Acq: 15 Jan 2024 19:50

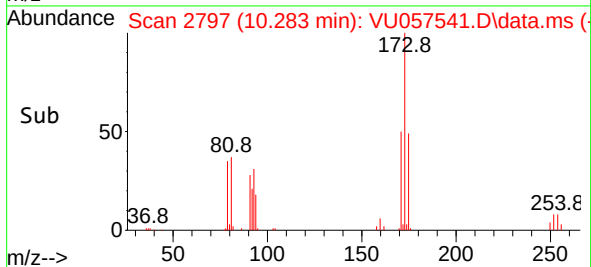
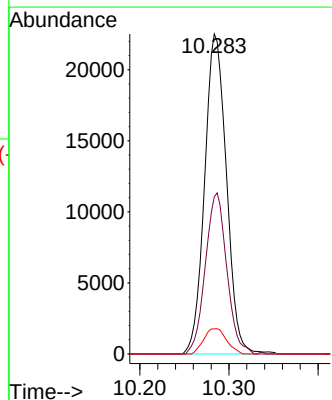
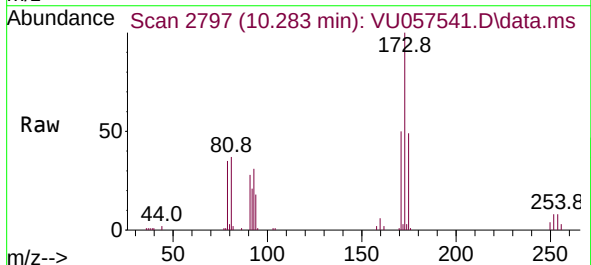
Instrument :
MSVOA_U
ClientSampleId :

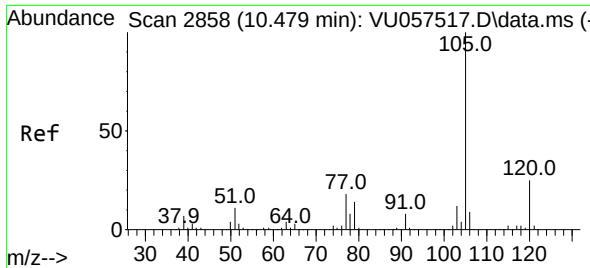
Tgt Ion: 83 Resp: 76538
Ion Ratio Lower Upper
83 100
85 66.4 45.1 83.9
131 8.4 6.7 10.1



#59
Bromoform
Concen: 4.409 ug/L
RT: 10.283 min Scan# 2797
Delta R.T. 0.000 min
Lab File: VU057541.D
Acq: 15 Jan 2024 19:50

Tgt Ion:173 Resp: 38273
Ion Ratio Lower Upper
173 100
175 49.4 38.3 57.5
254 8.2 6.6 9.8

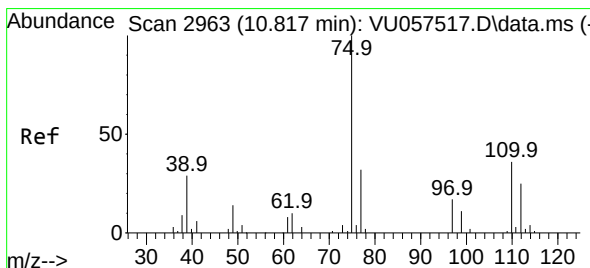
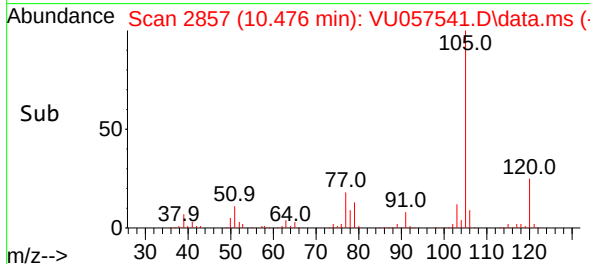
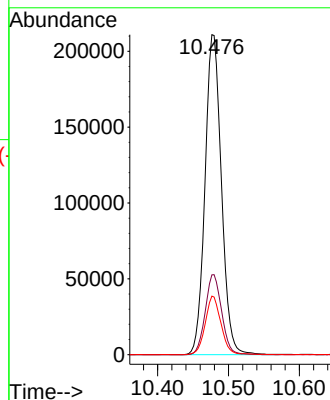
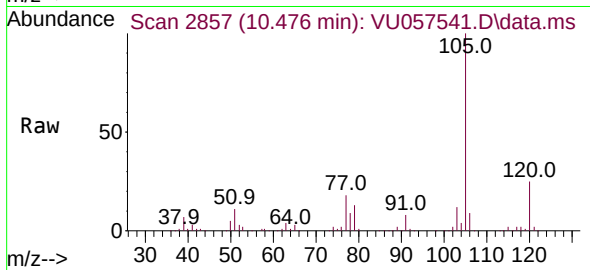




#60
Isopropylbenzene
Concen: 4.373 ug/L
RT: 10.476 min Scan# 2858
Delta R.T. -0.003 min
Lab File: VU057541.D
Acq: 15 Jan 2024 19:50

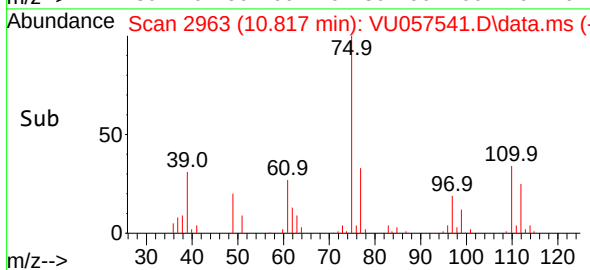
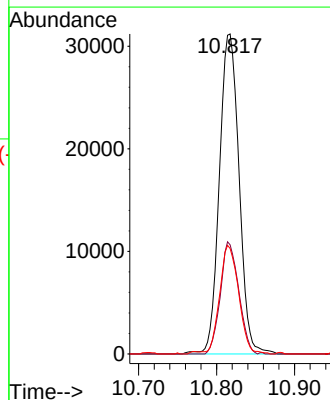
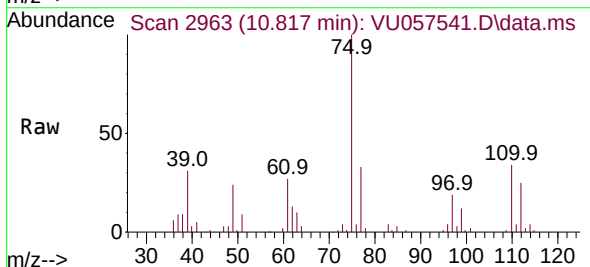
Instrument :
MSVOA_U
ClientSampleId :

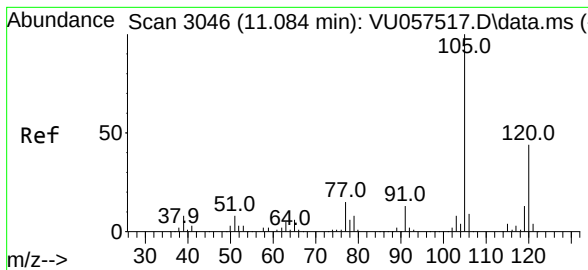
Tgt Ion:105 Resp: 339184
Ion Ratio Lower Upper
105 100
120 25.0 19.4 29.2
77 17.7 14.4 21.6



#61
1,2,3-Trichloropropane
Concen: 4.392 ug/L
RT: 10.817 min Scan# 2963
Delta R.T. 0.000 min
Lab File: VU057541.D
Acq: 15 Jan 2024 19:50

Tgt Ion: 75 Resp: 54805
Ion Ratio Lower Upper
75 100
110 32.7 29.4 44.0
77 32.8 26.2 39.4

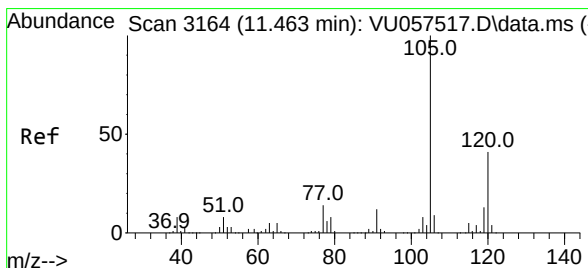
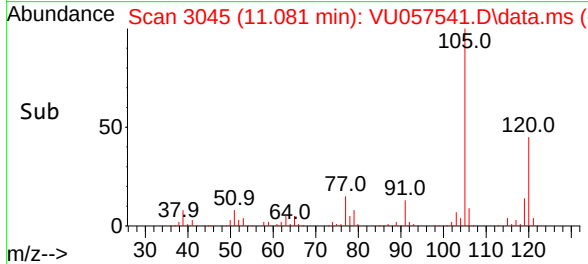
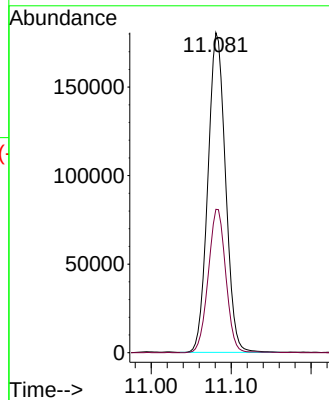
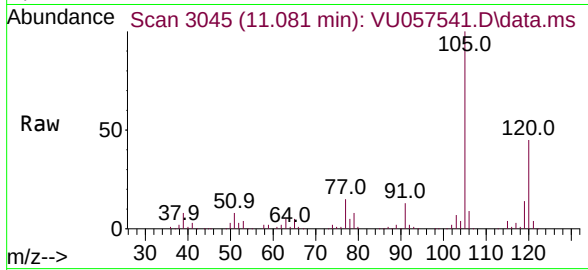




#62
 1,3,5-Trimethylbenzene
 Concen: 4.525 ug/L
 RT: 11.081 min Scan# 3046
 Delta R.T. -0.003 min
 Lab File: VU057541.D
 Acq: 15 Jan 2024 19:50

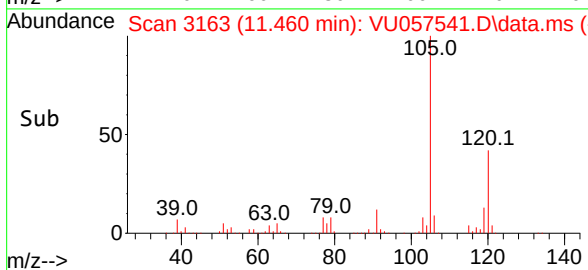
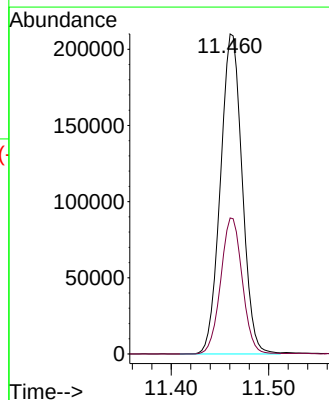
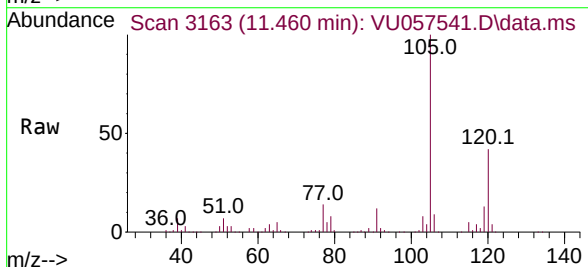
Instrument :
 MSVOA_U
 ClientSampleId :

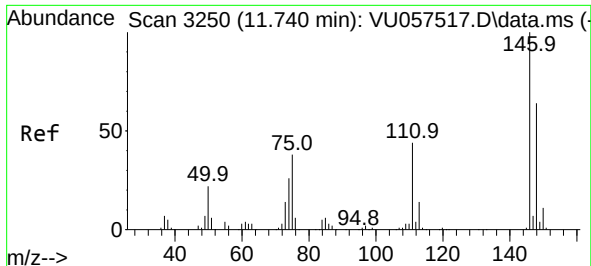
Tgt Ion:105 Resp: 276720
 Ion Ratio Lower Upper
 105 100
 120 44.8 37.0 55.6



#63
 1,2,4-Trimethylbenzene
 Concen: 5.314 ug/L
 RT: 11.460 min Scan# 3163
 Delta R.T. -0.003 min
 Lab File: VU057541.D
 Acq: 15 Jan 2024 19:50

Tgt Ion:105 Resp: 325358
 Ion Ratio Lower Upper
 105 100
 120 42.1 33.8 50.8

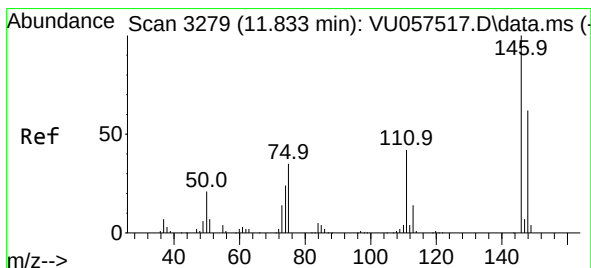
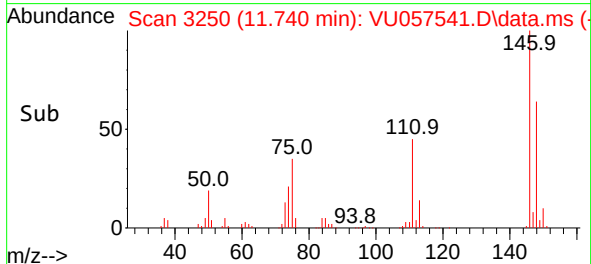
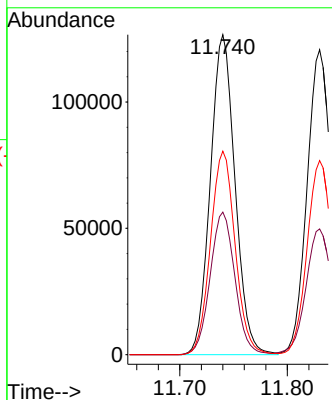
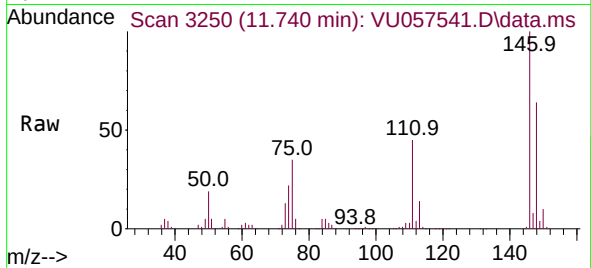




#64
1,3-Dichlorobenzene
Concen: 5.343 ug/L
RT: 11.740 min Scan# 31
Delta R.T. 0.000 min
Lab File: VU057541.D
Acq: 15 Jan 2024 19:50

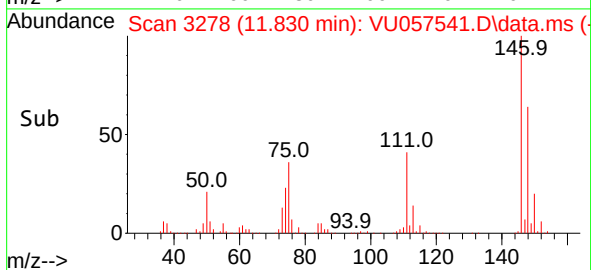
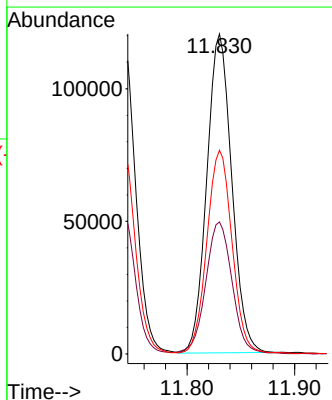
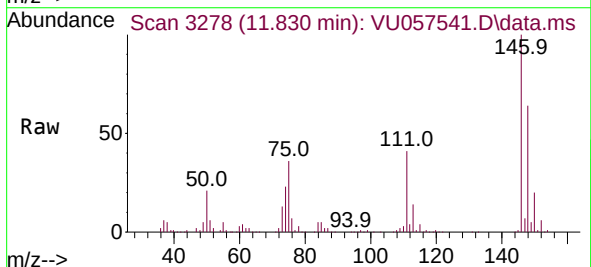
Instrument :
MSVOA_U
ClientSampleId :

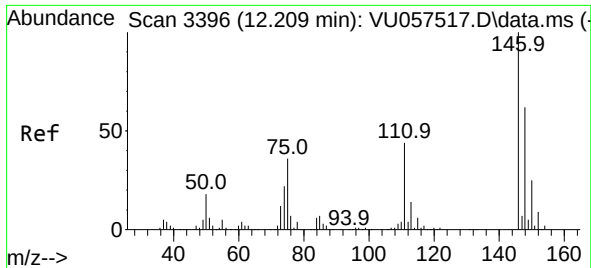
Tgt Ion:146 Resp: 201770
Ion Ratio Lower Upper
146 100
111 44.6 31.1 57.9
148 63.6 43.2 80.2



#65
1,4-Dichlorobenzene
Concen: 5.176 ug/L
RT: 11.830 min Scan# 3278
Delta R.T. -0.003 min
Lab File: VU057541.D
Acq: 15 Jan 2024 19:50

Tgt Ion:146 Resp: 194024
Ion Ratio Lower Upper
146 100
111 41.2 30.3 56.3
148 63.7 44.7 83.1





#67

1,2-Dichlorobenzene

Concen: 5.352 ug/L

RT: 12.206 min Scan# 31

Delta R.T. -0.003 min

Lab File: VU057541.D

Acq: 15 Jan 2024 19:50

Instrument :

MSVOA_U

ClientSampleId :

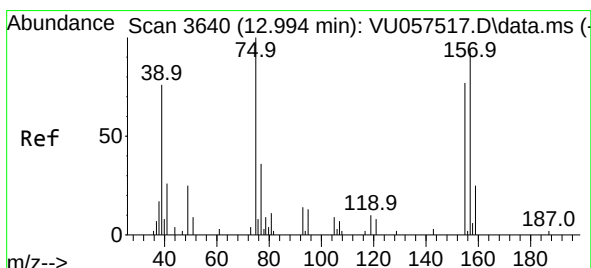
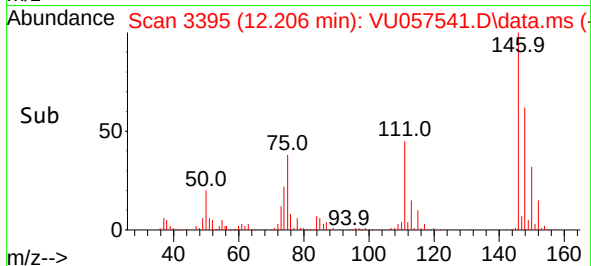
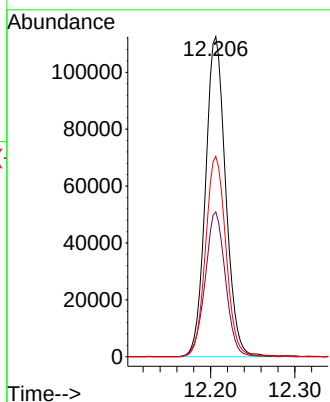
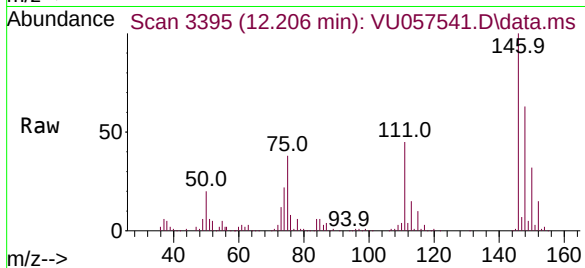
Tgt Ion:146 Resp: 187181

Ion Ratio Lower Upper

146 100

111 45.2 36.2 54.4

148 62.5 49.9 74.9



#68

1,2-Dibromo-3-chloropropane

Concen: 5.581 ug/L

RT: 12.991 min Scan# 3639

Delta R.T. -0.003 min

Lab File: VU057541.D

Acq: 15 Jan 2024 19:50

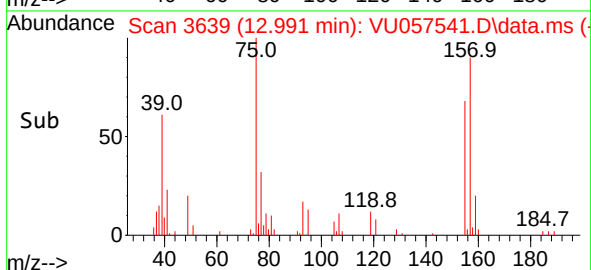
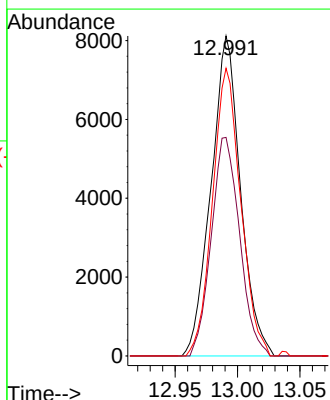
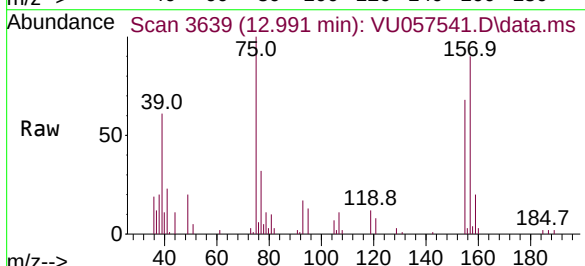
Tgt Ion: 75 Resp: 13358

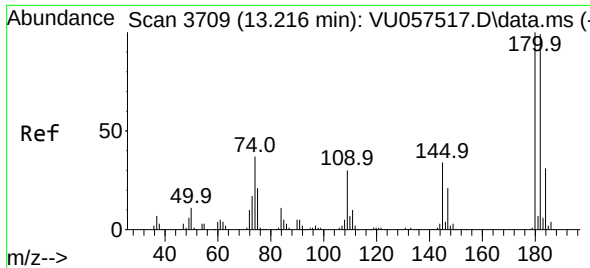
Ion Ratio Lower Upper

75 100

155 68.3 55.4 83.0

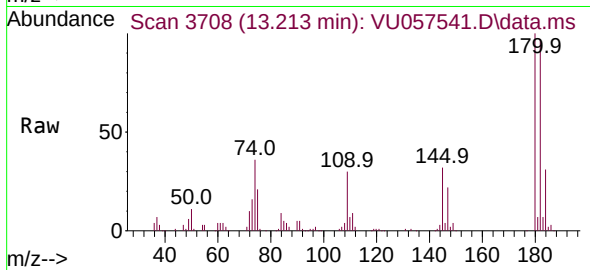
157 89.9 68.6 102.8



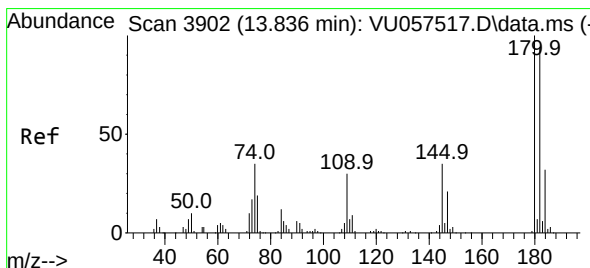
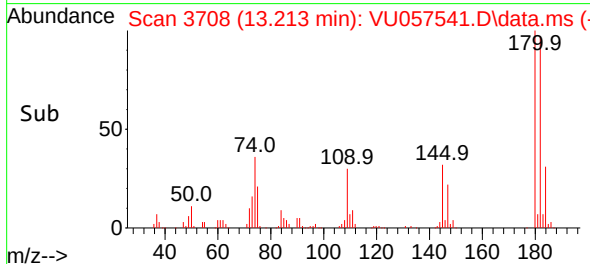
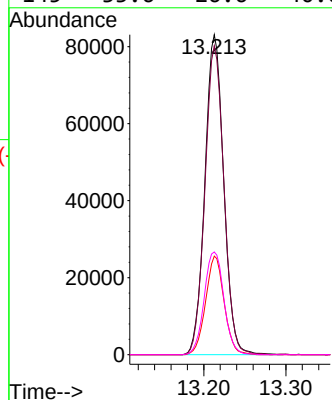


#69
 1,3,5-Trichlorobenzene
 Concen: 5.235 ug/L
 RT: 13.213 min Scan# 31
 Delta R.T. -0.003 min
 Lab File: VU057541.D
 Acq: 15 Jan 2024 19:50

Instrument :
 MSVOA_U
 ClientSampleId :

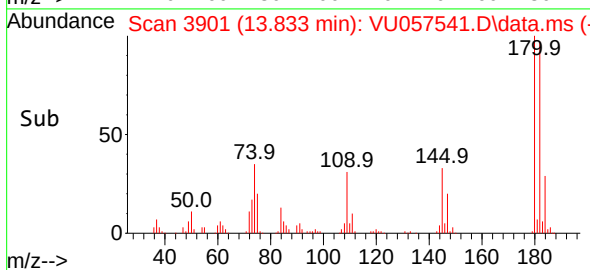
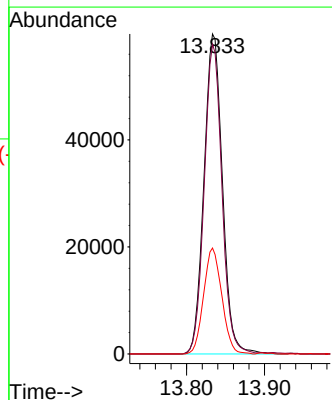
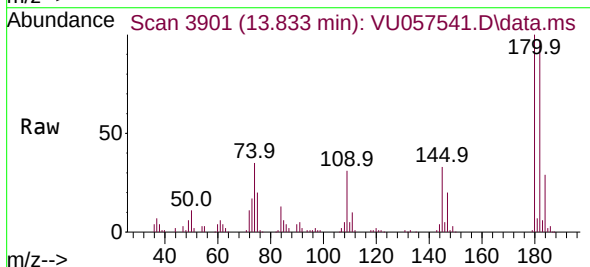


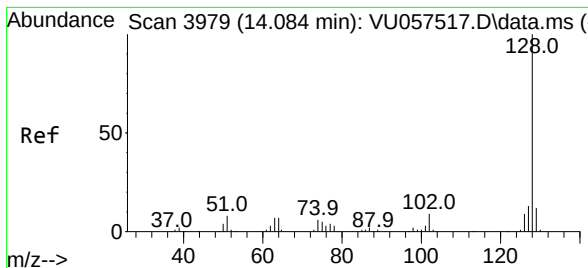
Tgt Ion:180 Resp: 132510
 Ion Ratio Lower Upper
 180 100
 182 97.1 76.6 115.0
 184 30.3 24.6 37.0
 145 33.6 26.6 40.0



#70
 1,2,4-trichlorobenzene
 Concen: 5.731 ug/L
 RT: 13.833 min Scan# 3901
 Delta R.T. -0.003 min
 Lab File: VU057541.D
 Acq: 15 Jan 2024 19:50

Tgt Ion:180 Resp: 98215
 Ion Ratio Lower Upper
 180 100
 182 93.1 77.1 115.7
 145 32.7 27.6 41.4





#71

Naphthalene

Concen: 5.199 ug/L

RT: 14.081 min Scan# 3979

Delta R.T. -0.003 min

Lab File: VU057541.D

Acq: 15 Jan 2024 19:50

Instrument :

MSVOA_U

ClientSampleId :

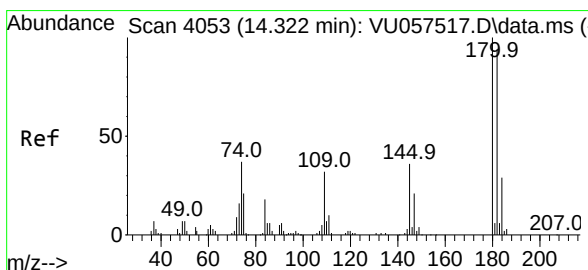
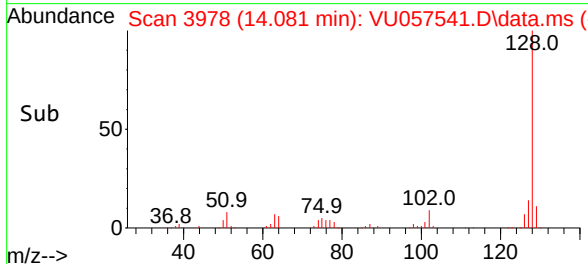
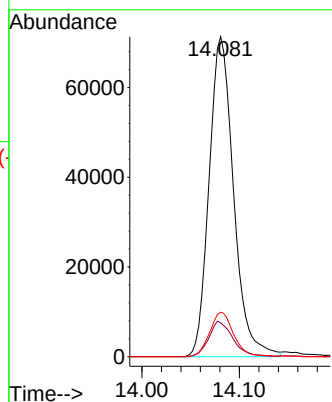
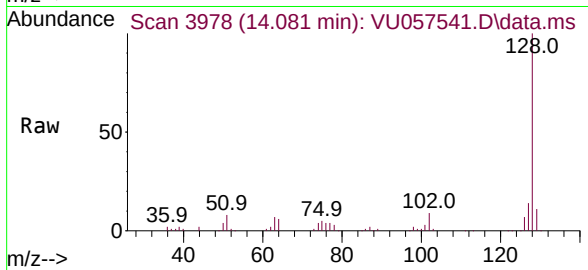
Tgt Ion:128 Resp: 124595

Ion Ratio Lower Upper

128 100

129 10.9 8.5 12.7

127 13.7 10.5 15.7



#72

1,2,3-Trichlorobenzene

Concen: 5.781 ug/L

RT: 14.322 min Scan# 4053

Delta R.T. 0.000 min

Lab File: VU057541.D

Acq: 15 Jan 2024 19:50

Tgt Ion:180 Resp: 81139

Ion Ratio Lower Upper

180 100

182 94.1 77.0 115.6

145 35.3 30.0 45.0

