

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU011524\
 Data File : VU057517.D
 Acq On : 15 Jan 2024 09:41
 Operator : MD/SY
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Jan 16 00:25:36 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR011124WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Jan 13 01:34:13 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	313651	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	284924	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	119397	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.599	65	133690	4.201	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	84.000%
7) Chloroethane-d5	1.914	69	111601	4.507	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	90.200%
11) 1,1-Dichloroethene-d2	2.563	65	57610	4.281	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	85.600%
20) 2-Butanone-d5	4.644	46	265597	44.124	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	88.240%
24) Chloroform-d	5.055	84	249390	4.536	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.800%
26) 1,2-Dichloroethane-d4	5.698	65	121263	4.579	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	91.600%
32) Benzene-d6	5.721	84	478118	4.601	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.000%
36) 1,2-Dichloropropane-d6	6.685	67	150272	4.638	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	92.800%
41) Toluene-d8	7.894	98	419225	4.779	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.600%
43) trans-1,3-Dichloroprop...	8.177	79	52356	4.648	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	93.000%
46) 2-Hexanone-d5	8.630	63	155488	38.124	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	76.240%
56) 1,1,2,2-Tetrachloroeth...	10.749	84	86338	3.945	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	79.000%
66) 1,2-Dichlorobenzene-d4	12.187	152	122572	5.112	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	102.200%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.383	85	109286	5.281	ug/L	99
3) Chloromethane	1.518	50	118861	4.472	ug/L	98
5) Vinyl chloride	1.605	62	121716	5.144	ug/L	99
6) Bromomethane	1.859	94	61236	4.444	ug/L	95
8) Chloroethane	1.936	64	76738	5.201	ug/L	100
9) Trichlorofluoromethane	2.139	101	170521	5.271	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.579	101	109716	5.300	ug/L	99
12) 1,1-Dichloroethene	2.579	96	95623	5.218	ug/L	84
13) Acetone	2.663	43	158232	43.729	ug/L	98
14) Carbon disulfide	2.792	76	265181	5.179	ug/L	100
15) Methyl Acetate	2.962	43	37621	4.599	ug/L	98
16) Methylene chloride	3.042	84	111119	4.484	ug/L	98
17) Methyl tert-butyl Ether	3.357	73	220132	4.842	ug/L	99
18) trans-1,2-Dichloroethene	3.351	96	95277	5.239	ug/L	97
19) 1,1-Dichloroethane	3.865	63	213067	5.191	ug/L	99
21) 2-Butanone	4.721	43	248754	48.597	ug/L	97
22) cis-1,2-Dichloroethene	4.663	96	111040	5.244	ug/L	96
23) Bromochloromethane	4.971	128	45612	5.017	ug/L	98
25) Chloroform	5.084	83	219680	5.162	ug/L	99

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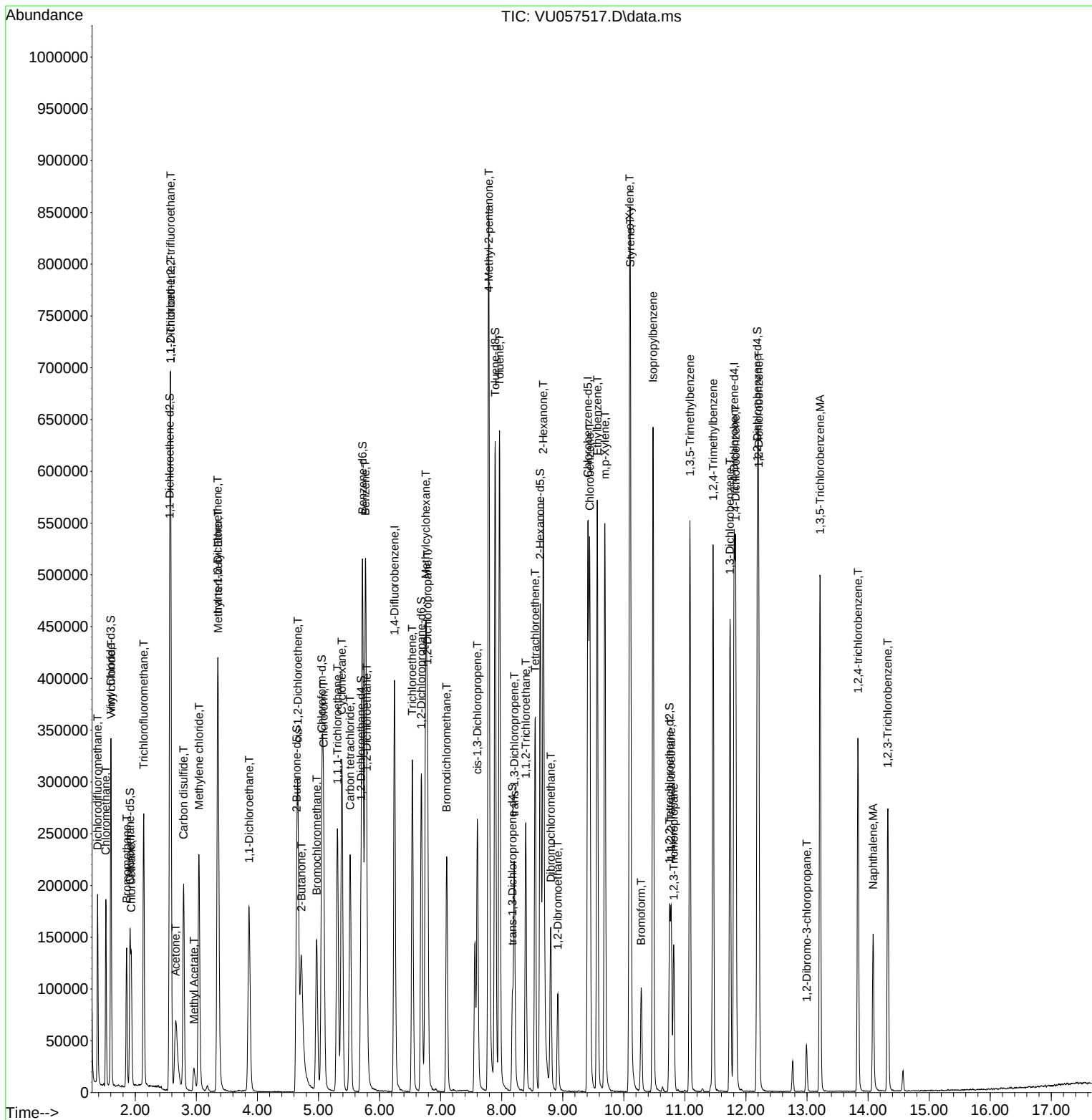
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 ClientSampleId :

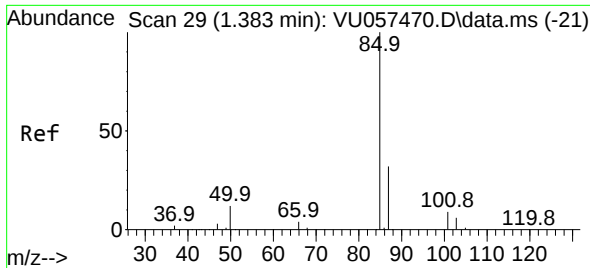
Quant Time: Jan 16 00:25:36 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR011124WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Jan 13 01:34:13 2024
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.791	62	127596	4.978	ug/L	97
29) 1,1,1-Trichloroethane	5.312	97	185793	5.286	ug/L	99
30) Cyclohexane	5.383	56	149556	5.231	ug/L	100
31) Carbon tetrachloride	5.518	117	155973	5.373	ug/L	97
33) Benzene	5.769	78	445818	5.325	ug/L	100
34) Trichloroethene	6.537	95	113490	5.161	ug/L	99
35) Methylcyclohexane	6.759	83	155649	5.324	ug/L	99
37) 1,2-Dichloropropane	6.785	63	125597	5.290	ug/L	99
38) Bromodichloromethane	7.100	83	151472	5.299	ug/L	100
39) cis-1,3-Dichloropropene	7.602	75	160854	5.125	ug/L	99
40) 4-Methyl-2-pentanone	7.788	43	612284	51.949	ug/L	99
42) Toluene	7.965	91	469018	5.684	ug/L	98
44) trans-1,3-Dichloropropene	8.206	75	135589	5.308	ug/L	99
45) 1,1,2-Trichloroethane	8.396	97	77929	5.089	ug/L	98
47) Tetrachloroethene	8.550	164	71257	4.879	ug/L	98
48) 2-Hexanone	8.682	43	399996	46.471	ug/L	98
49) Dibromochloromethane	8.804	129	77564	4.721	ug/L	99
50) 1,2-Dibromoethane	8.920	107	63044	4.997	ug/L #	91
51) Chlorobenzene	9.444	112	258406	4.968	ug/L	99
52) Ethylbenzene	9.566	91	392419	4.624	ug/L	99
53) m,p-Xylene	9.692	106	147886	4.838	ug/L	96
54) o-Xylene	10.097	106	150564	5.133	ug/L	96
55) Styrene	10.110	104	247837	5.131	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.775	83	80585	4.341	ug/L	99
59) Bromoform	10.283	173	43588	5.609	ug/L	99
60) Isopropylbenzene	10.479	105	389723	5.612	ug/L	99
61) 1,2,3-Trichloropropane	10.817	75	57427	5.140	ug/L	97
62) 1,3,5-Trimethylbenzene	11.084	105	291374	5.321	ug/L	96
63) 1,2,4-Trimethylbenzene	11.463	105	277407	5.061	ug/L	99
64) 1,3-Dichlorobenzene	11.740	146	170116	5.032	ug/L	98
65) 1,4-Dichlorobenzene	11.833	146	178787	5.328	ug/L	98
67) 1,2-Dichlorobenzene	12.209	146	189448	6.051	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.994	75	12368	5.772	ug/L	91
69) 1,3,5-Trichlorobenzene	13.216	180	143399	6.328	ug/L	99
70) 1,2,4-trichlorobenzene	13.836	180	98443	6.416	ug/L	98
71) Naphthalene	14.084	128	123568	5.759	ug/L	99
72) 1,2,3-Trichlorobenzene	14.322	180	79797	6.350	ug/L	99

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

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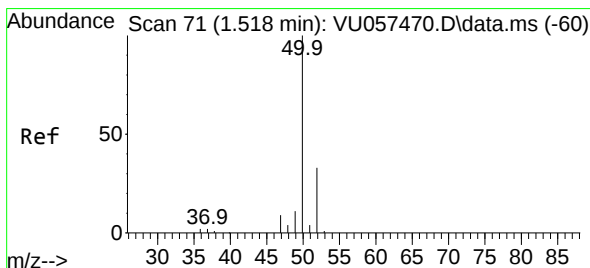
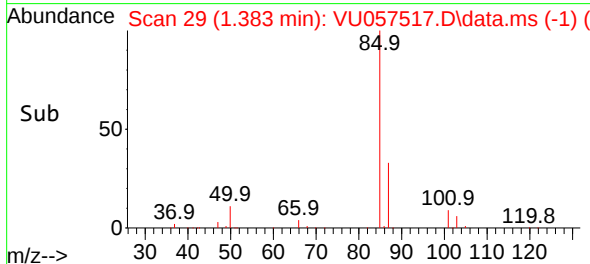
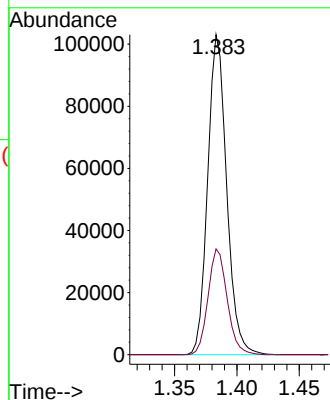
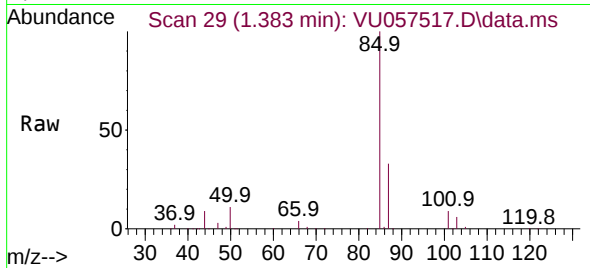




#2
 Dichlorodifluoromethane
 Concen: 5.281 ug/L
 RT: 1.383 min Scan# 29
 Delta R.T. -0.000 min
 Lab File: VU057517.D
 Acq: 15 Jan 2024 09:41

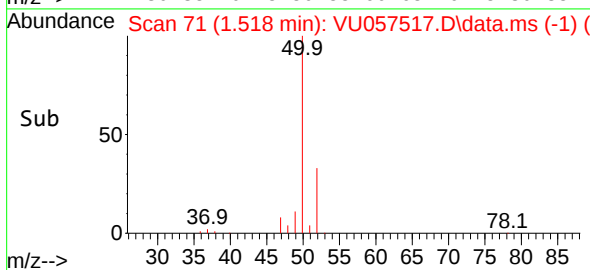
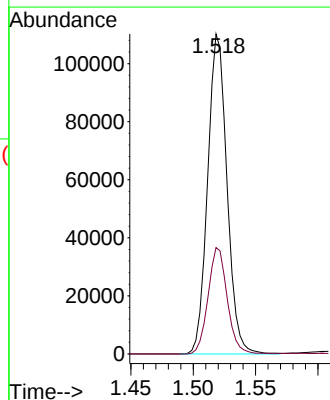
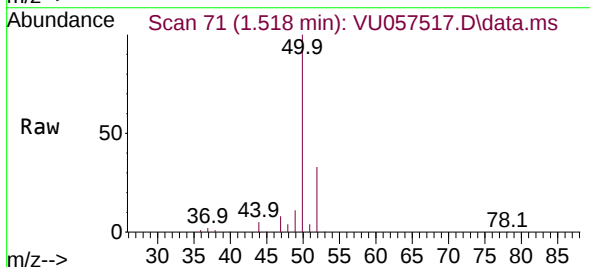
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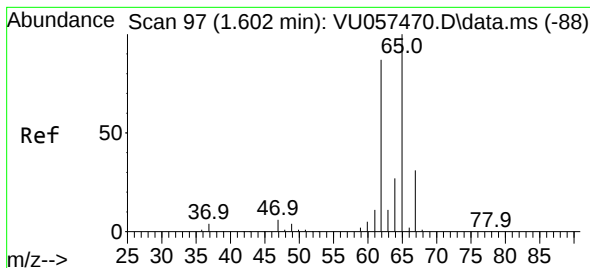
Tgt Ion: 85 Resp: 109286
 Ion Ratio Lower Upper
 85 100
 87 33.3 26.2 39.4



#3
 Chloromethane
 Concen: 4.472 ug/L
 RT: 1.518 min Scan# 71
 Delta R.T. -0.000 min
 Lab File: VU057517.D
 Acq: 15 Jan 2024 09:41

Tgt Ion: 50 Resp: 118861
 Ion Ratio Lower Upper
 50 100
 52 33.3 24.1 44.7





#5

Vinyl chloride

Concen: 5.144 ug/L

RT: 1.605 min Scan# 91

Delta R.T. 0.003 min

Lab File: VU057517.D

Acq: 15 Jan 2024 09:41

Instrument :

MSVOA_U

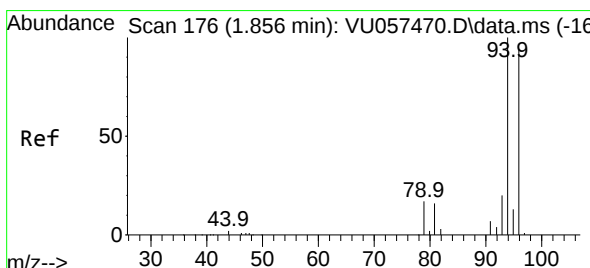
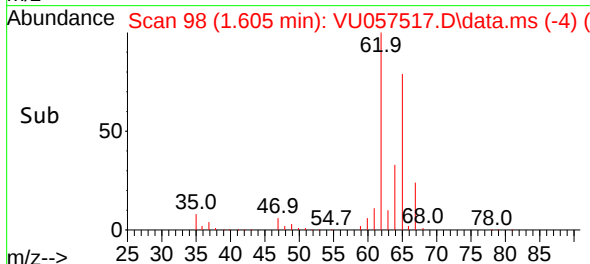
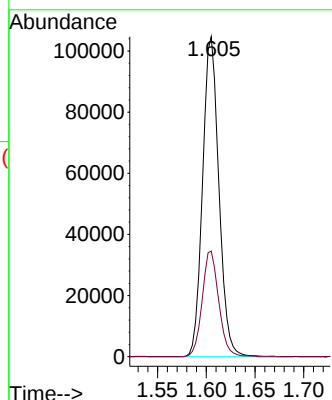
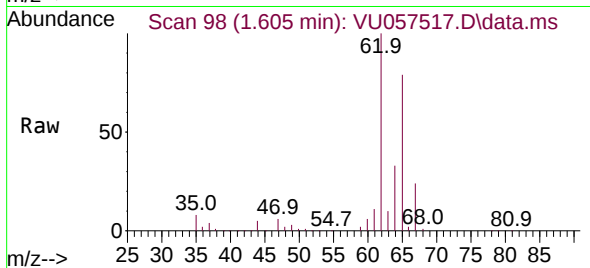
ClientSampleId :

Tgt Ion: 62 Resp: 121716

Ion Ratio Lower Upper

62 100

64 33.0 22.9 42.5



#6

Bromomethane

Concen: 4.444 ug/L

RT: 1.859 min Scan# 177

Delta R.T. 0.003 min

Lab File: VU057517.D

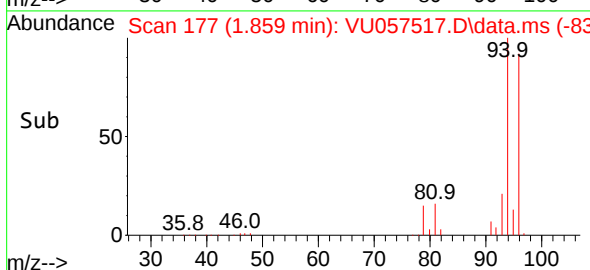
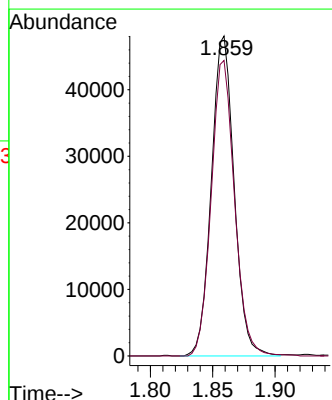
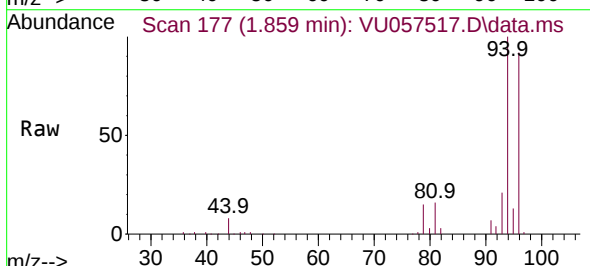
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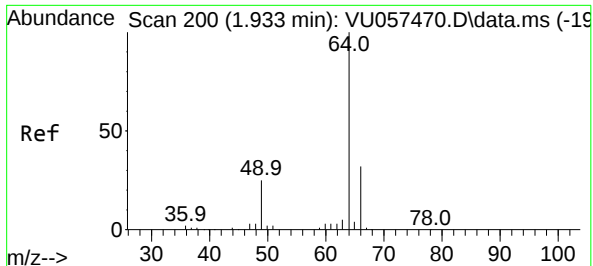
Tgt Ion: 94 Resp: 61236

Ion Ratio Lower Upper

94 100

96 92.4 68.0 126.2





#8

Chloroethane

Concen: 5.201 ug/L

RT: 1.936 min Scan# 200

Delta R.T. 0.003 min

Lab File: VU057517.D

Acq: 15 Jan 2024 09:41

Instrument :

MSVOA_U

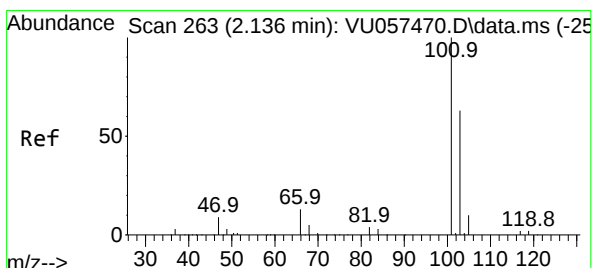
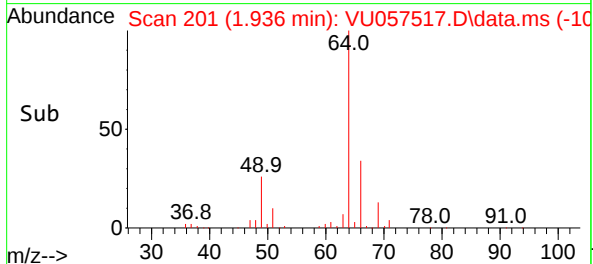
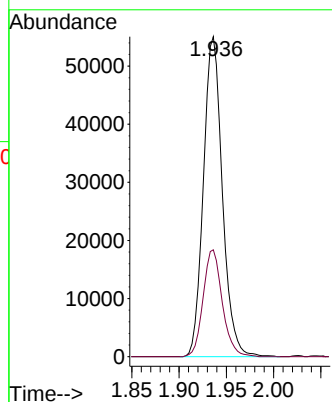
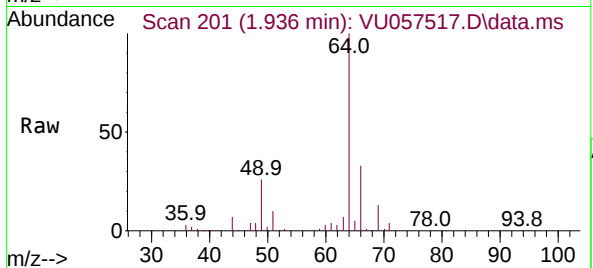
ClientSampleId :

Tgt Ion: 64 Resp: 76738

Ion Ratio Lower Upper

64 100

66 33.4 23.3 43.3



#9

Trichlorofluoromethane

Concen: 5.271 ug/L

RT: 2.139 min Scan# 264

Delta R.T. 0.003 min

Lab File: VU057517.D

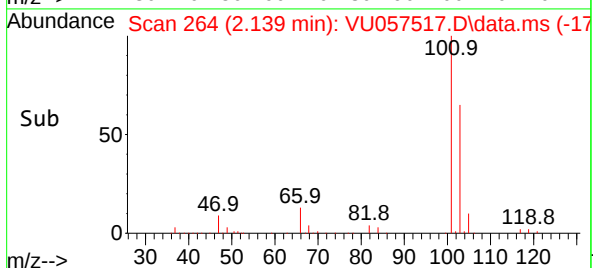
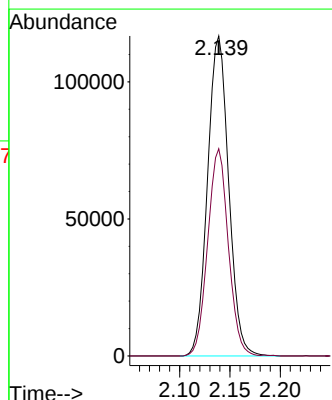
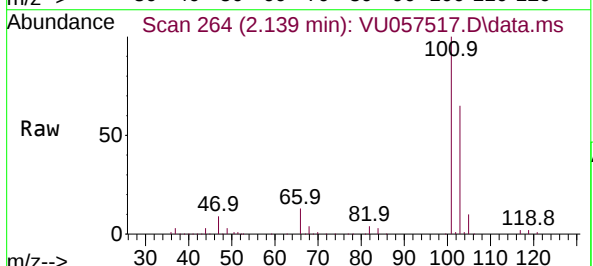
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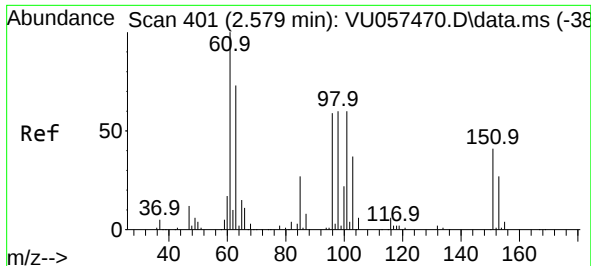
Tgt Ion:101 Resp: 170521

Ion Ratio Lower Upper

101 100

103 63.2 51.2 76.8

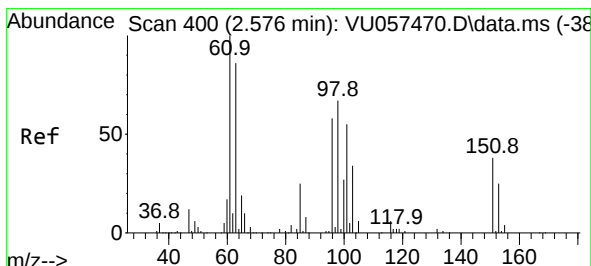
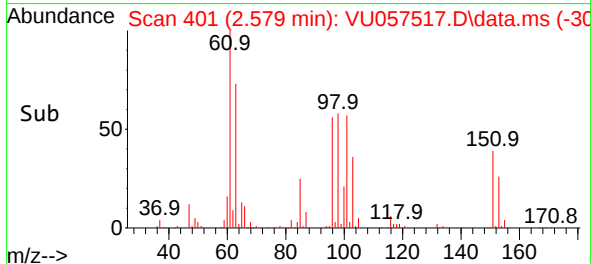
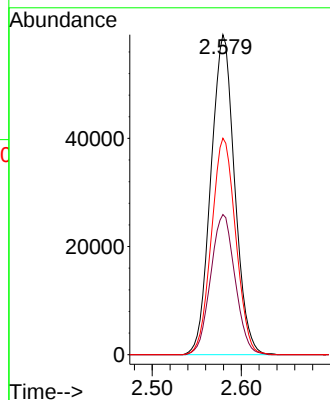
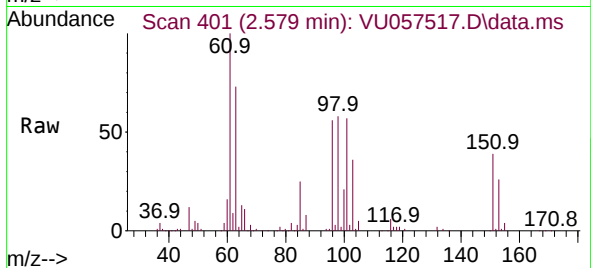




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 5.300 ug/L
 RT: 2.579 min Scan# 401
 Delta R.T. -0.000 min
 Lab File: VU057517.D
 Acq: 15 Jan 2024 09:41

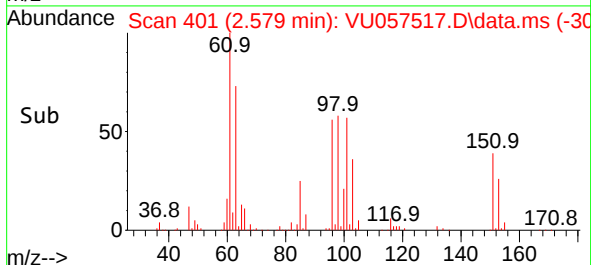
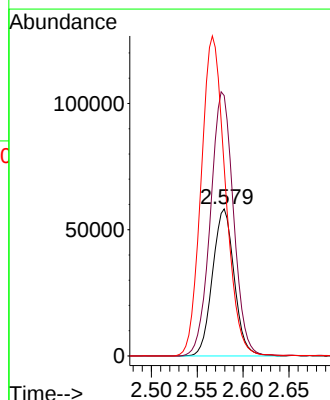
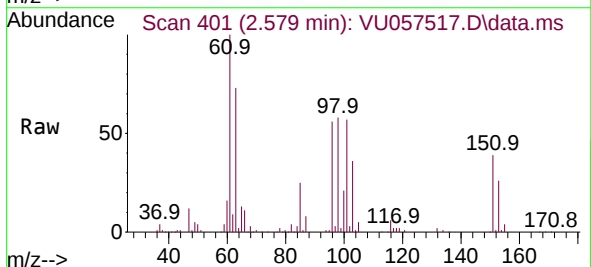
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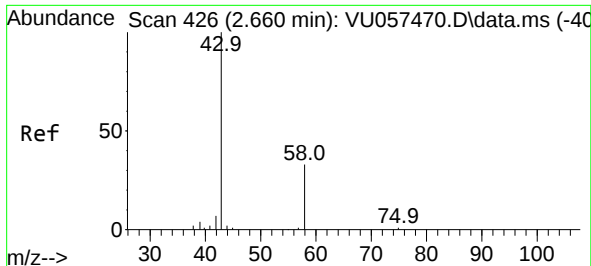
Tgt Ion:101 Resp: 109716
 Ion Ratio Lower Upper
 101 100
 85 44.9 35.1 52.7
 151 69.1 55.4 83.0



#12
 1,1-Dichloroethene
 Concen: 5.218 ug/L
 RT: 2.579 min Scan# 401
 Delta R.T. 0.003 min
 Lab File: VU057517.D
 Acq: 15 Jan 2024 09:41

Tgt Ion: 96 Resp: 95623
 Ion Ratio Lower Upper
 96 100
 61 177.1 130.9 243.1
 63 128.4 114.8 213.2





#13

Acetone

Concen: 43.729 ug/L

RT: 2.663 min Scan# 41

Delta R.T. 0.003 min

Lab File: VU057517.D

Acq: 15 Jan 2024 09:41

Instrument :

MSVOA_U

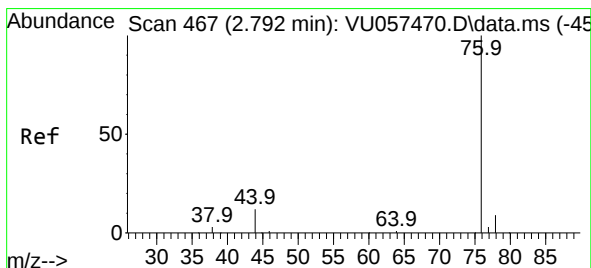
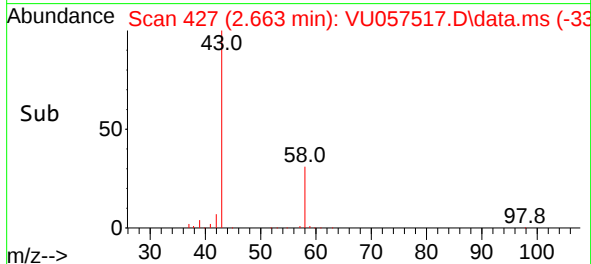
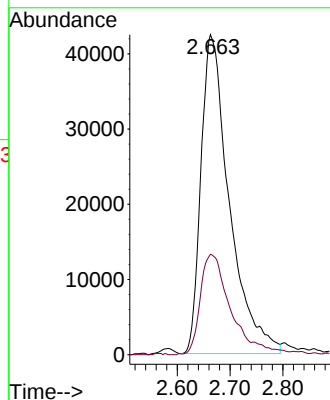
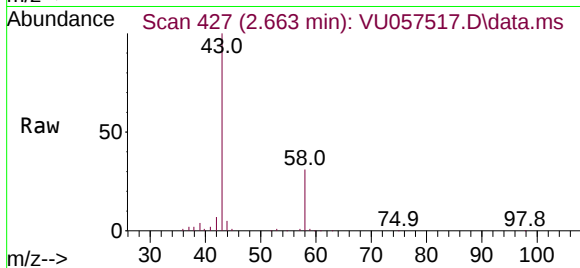
ClientSampleId :

Tgt Ion: 43 Resp: 158232

Ion Ratio Lower Upper

43 100

58 33.0 0.0 67.8



#14

Carbon disulfide

Concen: 5.179 ug/L

RT: 2.792 min Scan# 467

Delta R.T. -0.000 min

Lab File: VU057517.D

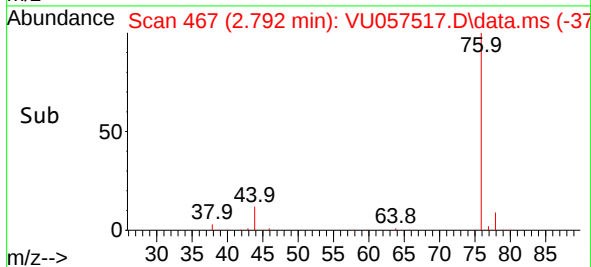
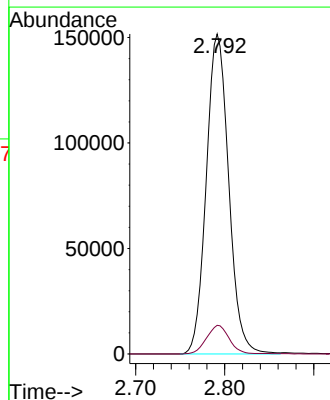
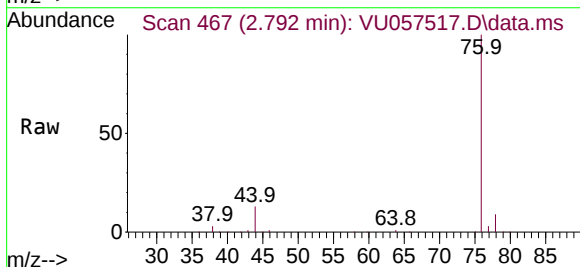
Acq: 15 Jan 2024 09:41

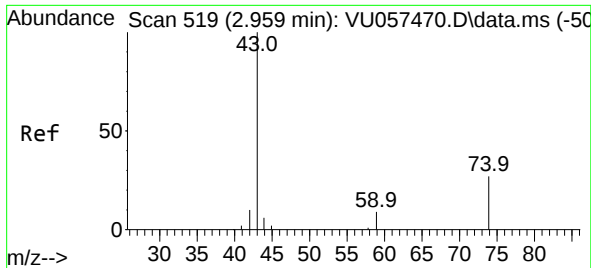
Tgt Ion: 76 Resp: 265181

Ion Ratio Lower Upper

76 100

78 8.9 7.3 10.9

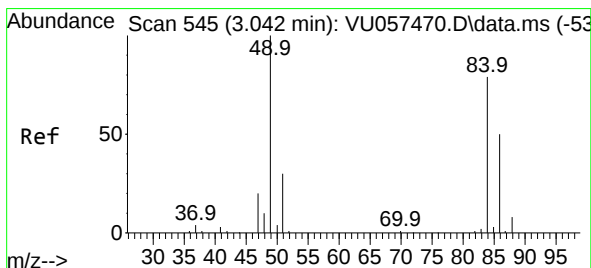
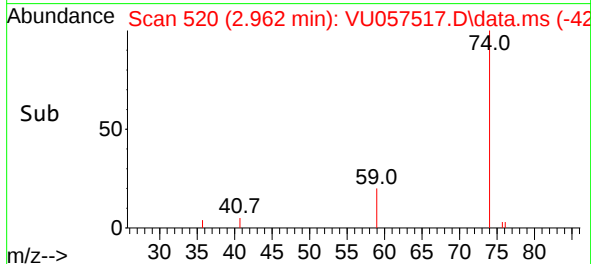
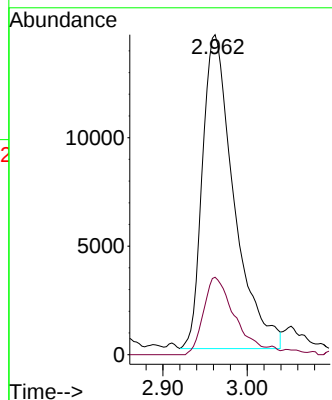
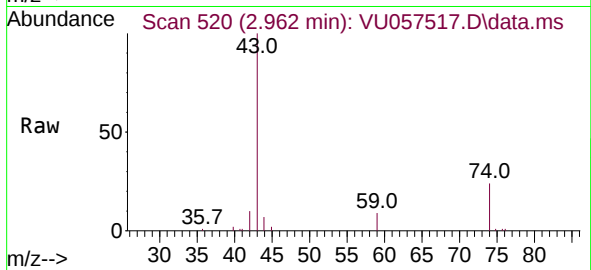




#15
Methyl Acetate
Concen: 4.599 ug/L
RT: 2.962 min Scan# 519
Delta R.T. 0.003 min
Lab File: VU057517.D
Acq: 15 Jan 2024 09:41

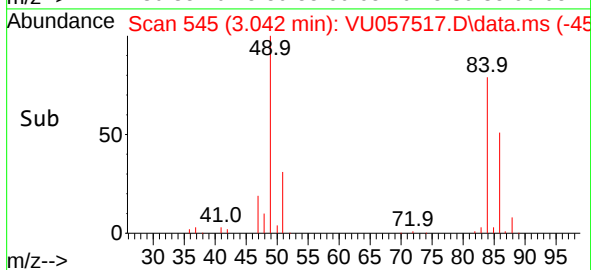
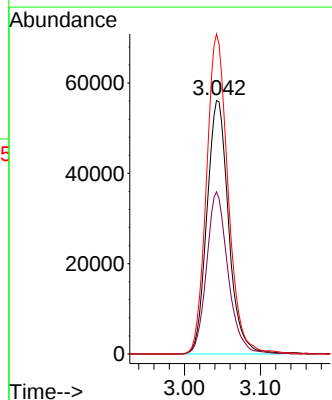
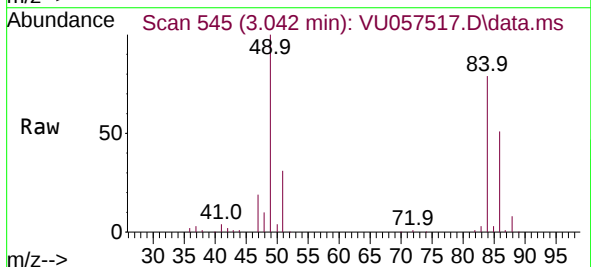
Instrument :
MSVOA_U
ClientSampleId :

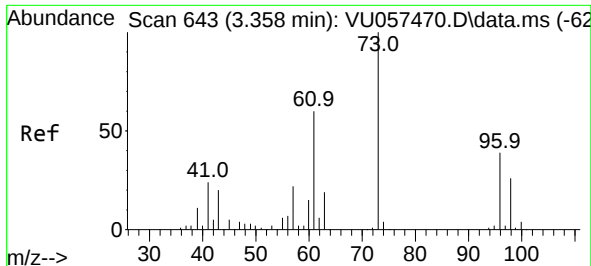
Tgt Ion: 43 Resp: 37621
Ion Ratio Lower Upper
43 100
74 24.3 18.6 27.8



#16
Methylene chloride
Concen: 4.484 ug/L
RT: 3.042 min Scan# 545
Delta R.T. -0.000 min
Lab File: VU057517.D
Acq: 15 Jan 2024 09:41

Tgt Ion: 84 Resp: 111119
Ion Ratio Lower Upper
84 100
86 63.9 45.8 85.2
49 126.1 86.7 161.1

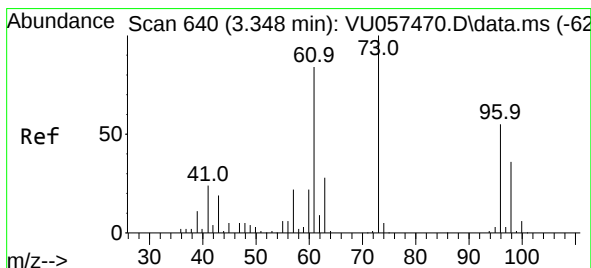
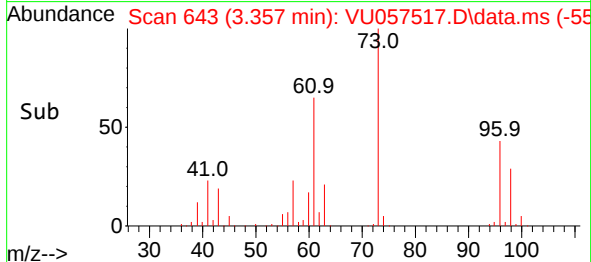
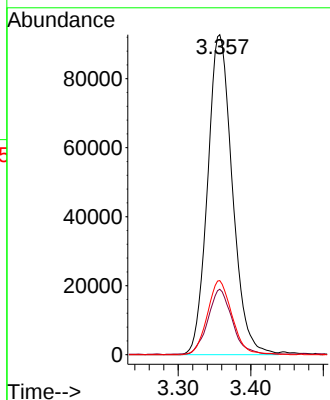
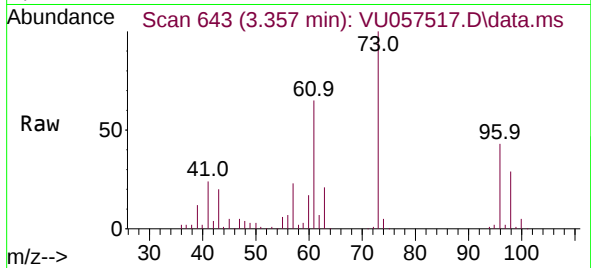




#17
Methyl tert-butyl Ether
Concen: 4.842 ug/L
RT: 3.357 min Scan# 641
Delta R.T. -0.000 min
Lab File: VU057517.D
Acq: 15 Jan 2024 09:41

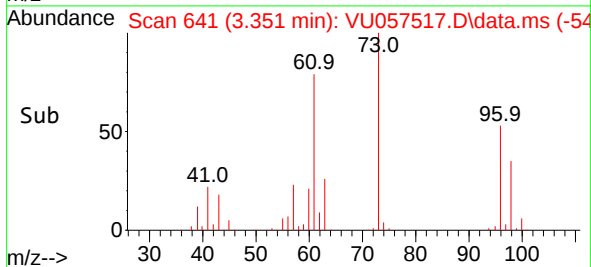
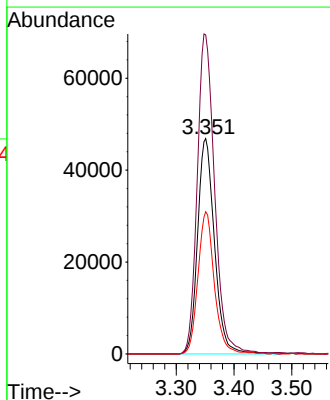
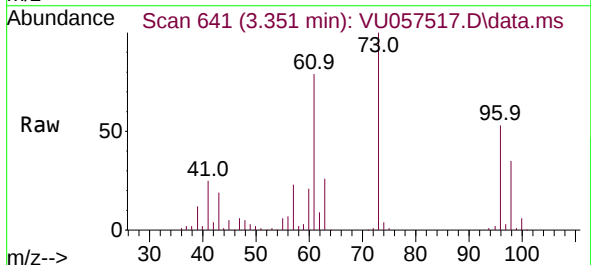
Instrument :
MSVOA_U
ClientSampleId :

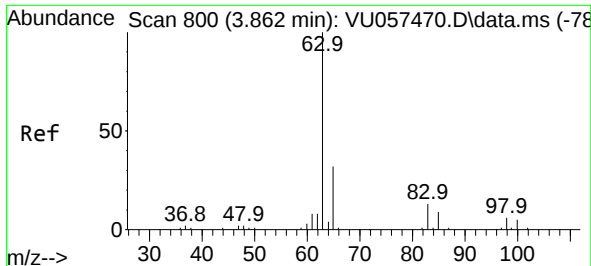
Tgt Ion: 73 Resp: 220132
Ion Ratio Lower Upper
73 100
43 20.3 16.1 24.1
57 23.1 18.2 27.4



#18
trans-1,2-Dichloroethene
Concen: 5.239 ug/L
RT: 3.351 min Scan# 641
Delta R.T. 0.003 min
Lab File: VU057517.D
Acq: 15 Jan 2024 09:41

Tgt Ion: 96 Resp: 95277
Ion Ratio Lower Upper
96 100
61 148.1 105.1 195.3
98 66.1 43.7 81.1





#19

1,1-Dichloroethane

Concen: 5.191 ug/L

RT: 3.865 min Scan# 800

Delta R.T. 0.003 min

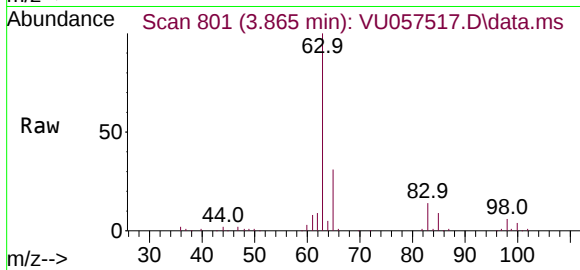
Lab File: VU057517.D

Acq: 15 Jan 2024 09:41

Instrument :

MSVOA_U

ClientSampleId :



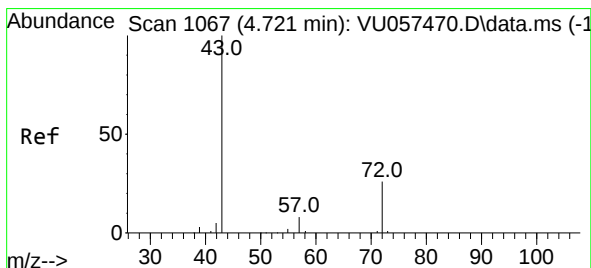
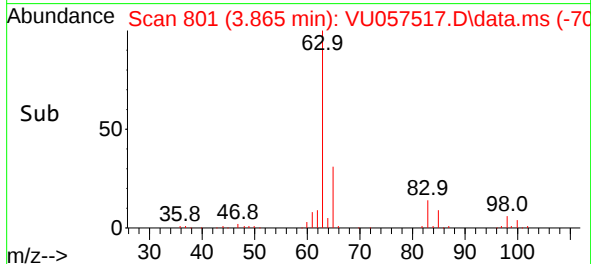
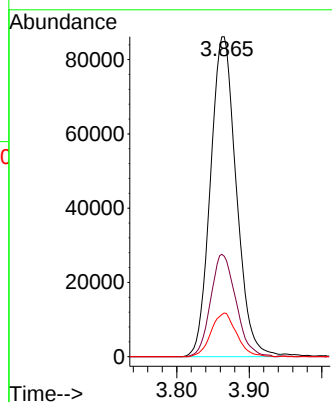
Tgt Ion: 63 Resp: 213067

Ion Ratio Lower Upper

63 100

65 31.4 22.3 41.3

83 13.7 9.1 16.9



#21

2-Butanone

Concen: 48.597 ug/L

RT: 4.721 min Scan# 1067

Delta R.T. -0.000 min

Lab File: VU057517.D

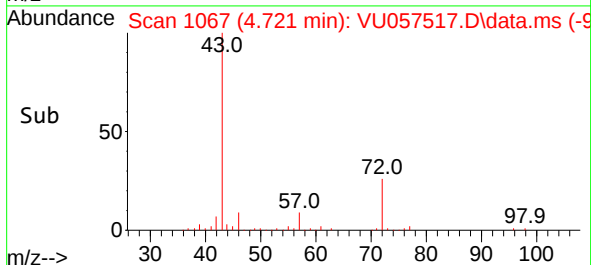
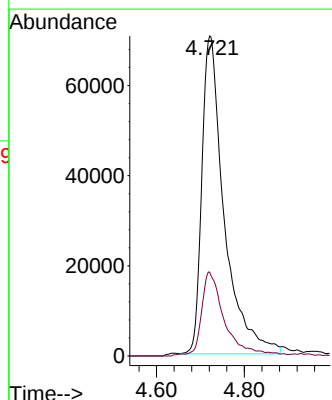
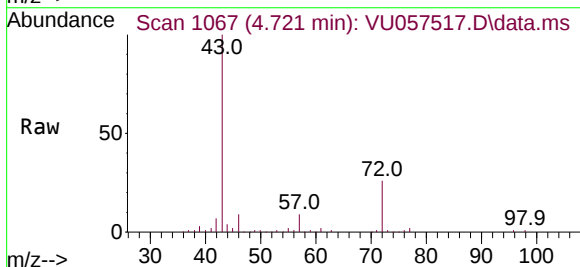
Acq: 15 Jan 2024 09:41

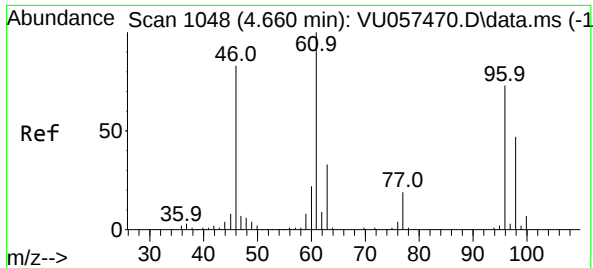
Tgt Ion: 43 Resp: 248754

Ion Ratio Lower Upper

43 100

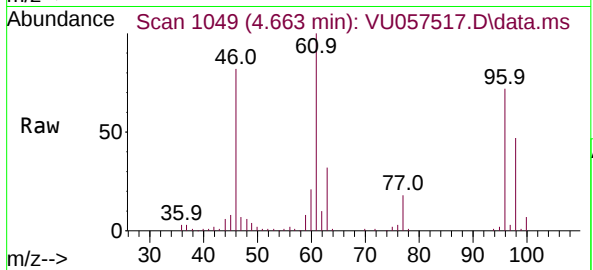
72 26.7 12.7 38.0



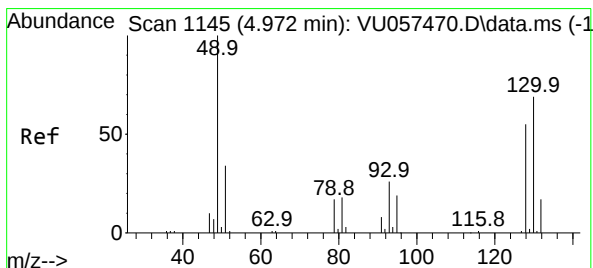
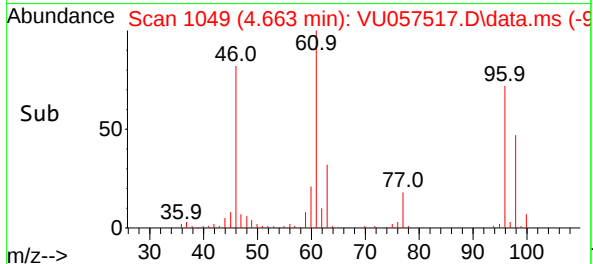
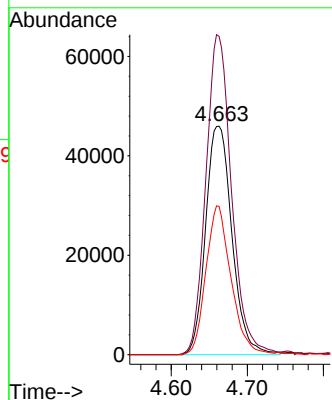


#22
cis-1,2-Dichloroethene
Concen: 5.244 ug/L
RT: 4.663 min Scan# 1048
Delta R.T. 0.003 min
Lab File: VU057517.D
Acq: 15 Jan 2024 09:41

Instrument :
MSVOA_U
ClientSampleId :

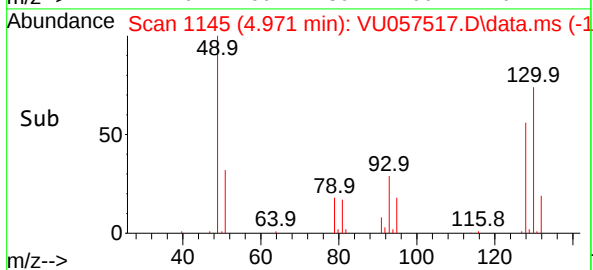
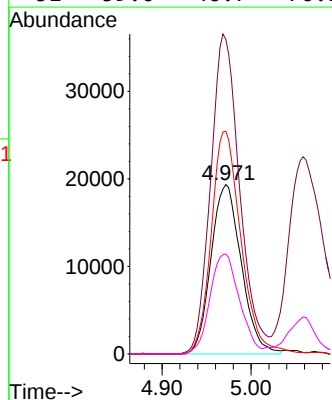
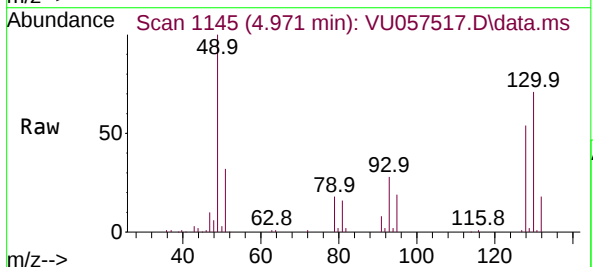


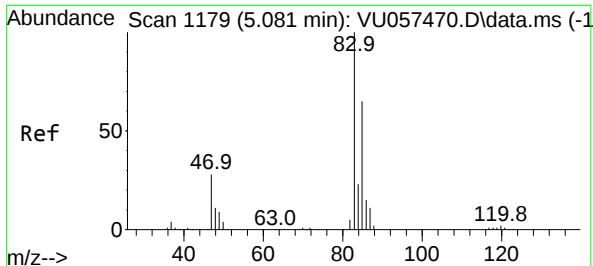
Tgt Ion: 96 Resp: 111040
Ion Ratio Lower Upper
96 100
61 139.4 93.4 173.4
98 64.9 44.9 83.3



#23
Bromochloromethane
Concen: 5.017 ug/L
RT: 4.971 min Scan# 1145
Delta R.T. -0.000 min
Lab File: VU057517.D
Acq: 15 Jan 2024 09:41

Tgt Ion:128 Resp: 45612
Ion Ratio Lower Upper
128 100
49 185.6 130.3 241.9
130 131.4 88.8 165.0
51 59.0 46.7 70.1





#25

Chloroform

Concen: 5.162 ug/L

RT: 5.084 min Scan# 11

Delta R.T. 0.003 min

Lab File: VU057517.D

Acq: 15 Jan 2024 09:41

Instrument :

MSVOA_U

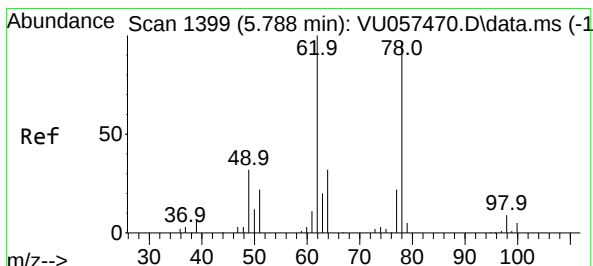
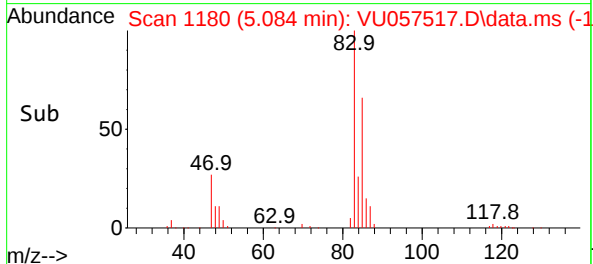
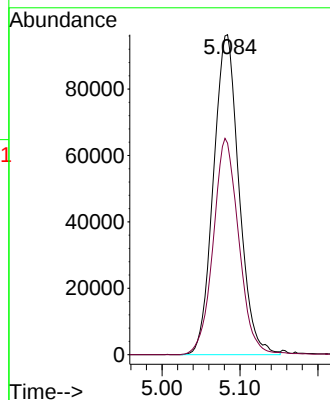
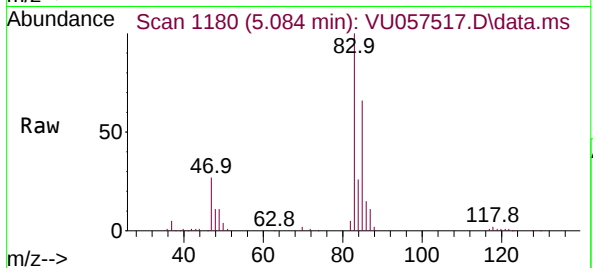
ClientSampleId :

Tgt Ion: 83 Resp: 219680

Ion Ratio Lower Upper

83 100

85 66.1 46.7 86.7



#27

1,2-Dichloroethane

Concen: 4.978 ug/L

RT: 5.791 min Scan# 1400

Delta R.T. 0.003 min

Lab File: VU057517.D

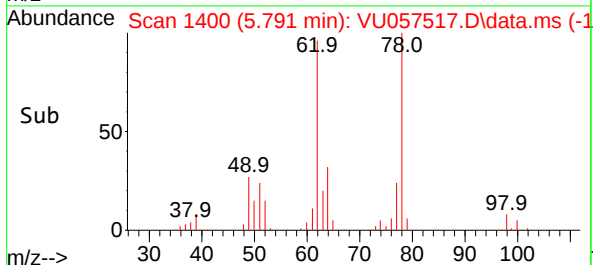
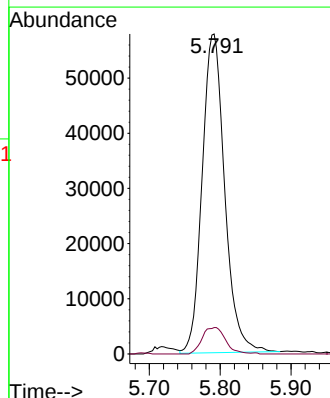
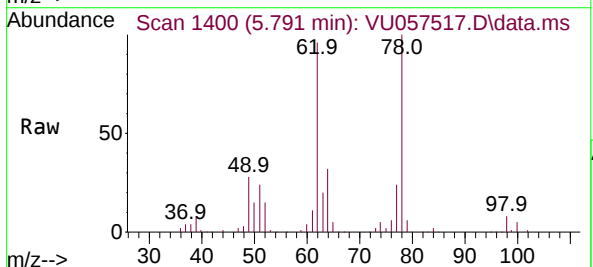
Acq: 15 Jan 2024 09:41

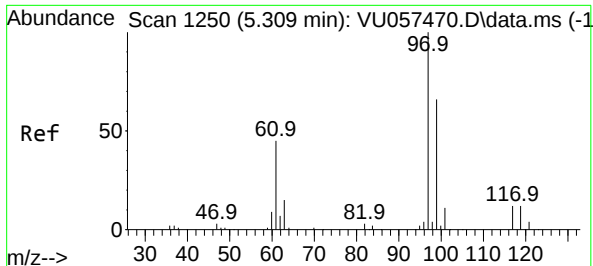
Tgt Ion: 62 Resp: 127596

Ion Ratio Lower Upper

62 100

98 8.2 7.4 11.0

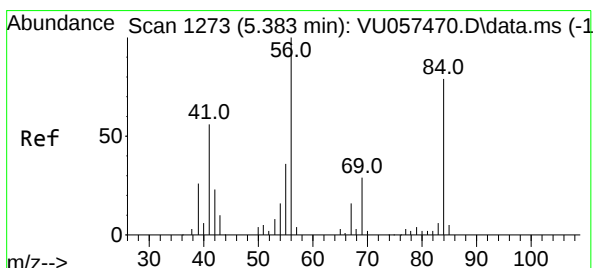
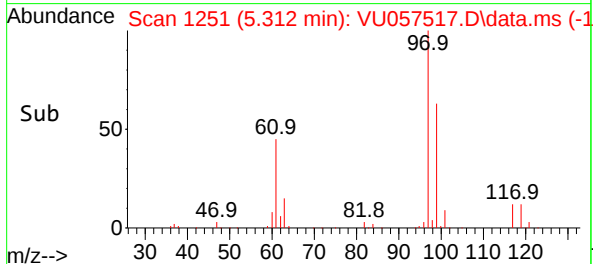
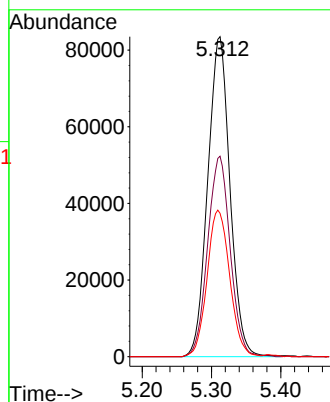
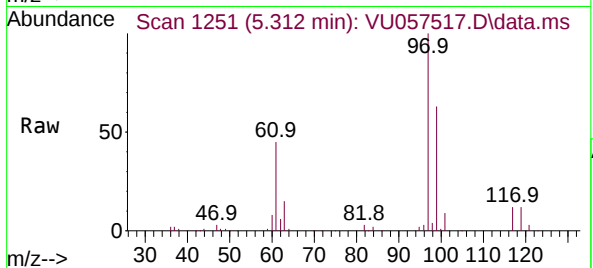




#29
1,1,1-Trichloroethane
Concen: 5.286 ug/L
RT: 5.312 min Scan# 1251
Delta R.T. 0.003 min
Lab File: VU057517.D
Acq: 15 Jan 2024 09:41

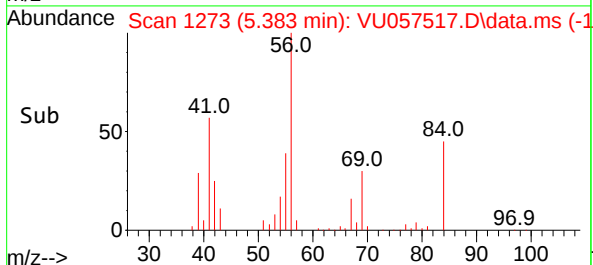
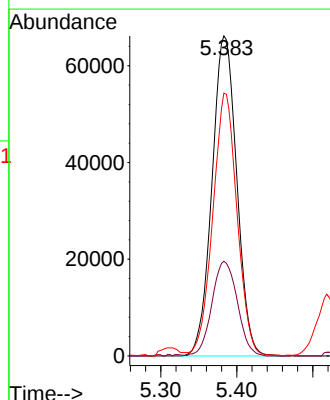
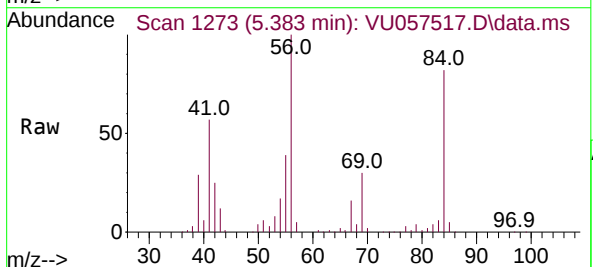
Instrument :
MSVOA_U
ClientSampleId :

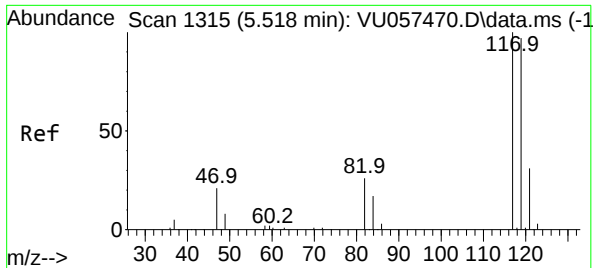
Tgt Ion: 97 Resp: 185793
Ion Ratio Lower Upper
97 100
99 63.6 51.4 77.0
61 46.7 36.9 55.3



#30
Cyclohexane
Concen: 5.231 ug/L
RT: 5.383 min Scan# 1273
Delta R.T. -0.000 min
Lab File: VU057517.D
Acq: 15 Jan 2024 09:41

Tgt Ion: 56 Resp: 149556
Ion Ratio Lower Upper
56 100
69 30.4 24.1 36.1
84 80.7 64.8 97.2

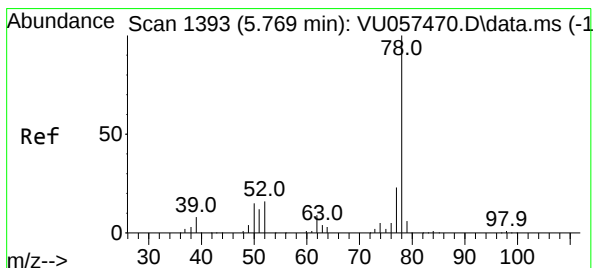
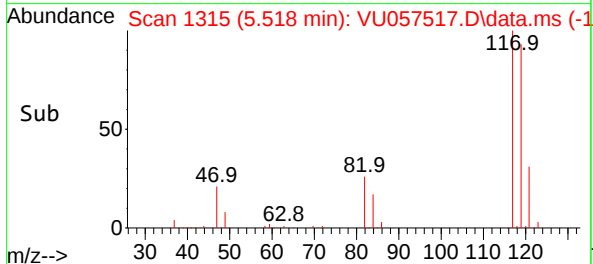
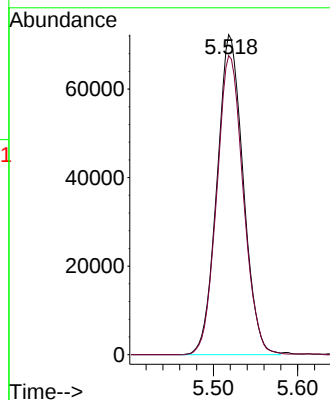
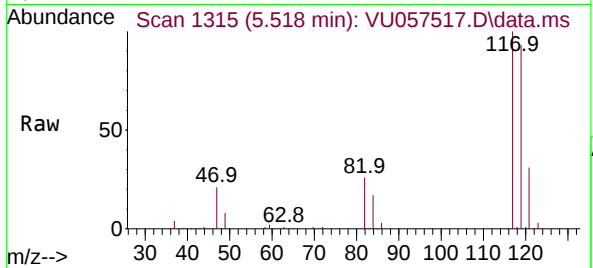




#31
Carbon tetrachloride
Concen: 5.373 ug/L
RT: 5.518 min Scan# 1315
Delta R.T. -0.000 min
Lab File: VU057517.D
Acq: 15 Jan 2024 09:41

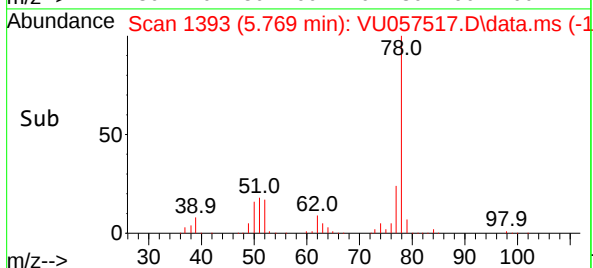
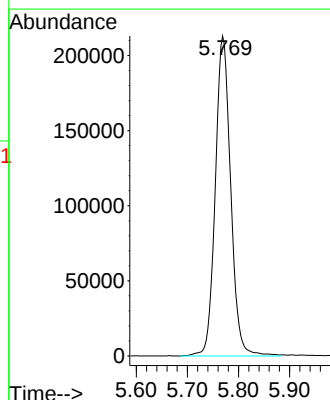
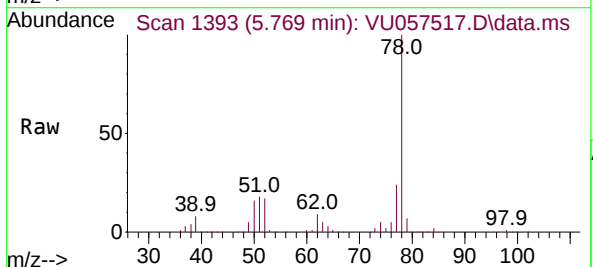
Instrument :
MSVOA_U
ClientSampleId :

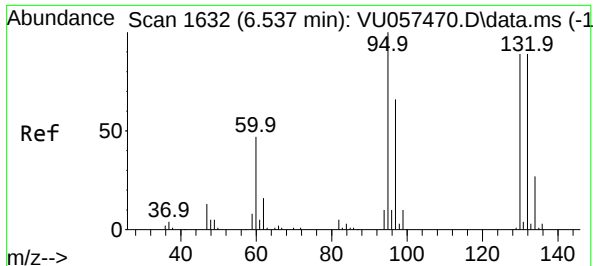
Tgt Ion:117 Resp: 155973
Ion Ratio Lower Upper
117 100
119 94.6 78.0 117.0



#33
Benzene
Concen: 5.325 ug/L
RT: 5.769 min Scan# 1393
Delta R.T. -0.000 min
Lab File: VU057517.D
Acq: 15 Jan 2024 09:41

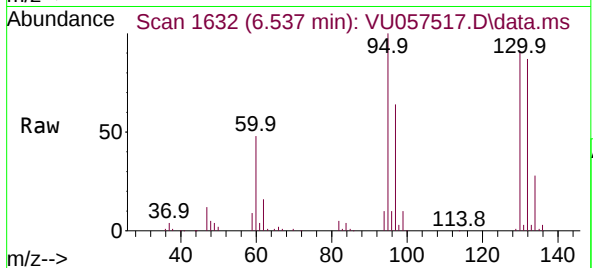
Tgt Ion: 78 Resp: 445818





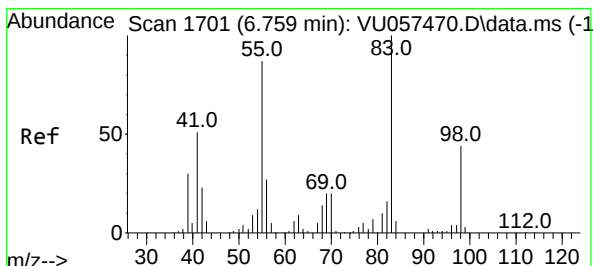
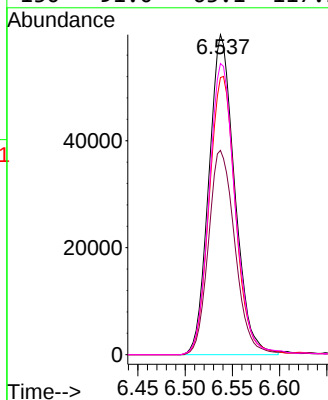
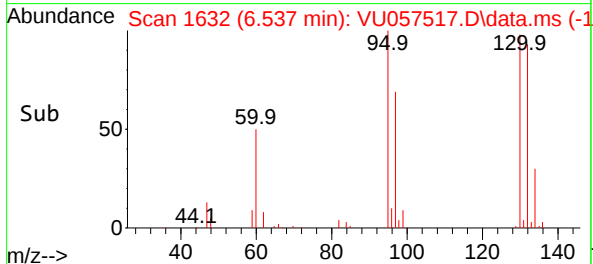
#34
Trichloroethene
Concen: 5.161 ug/L
RT: 6.537 min Scan# 1
Delta R.T. -0.000 min
Lab File: VU057517.D
Acq: 15 Jan 2024 09:41

Instrument :
MSVOA_U
ClientSampleId :

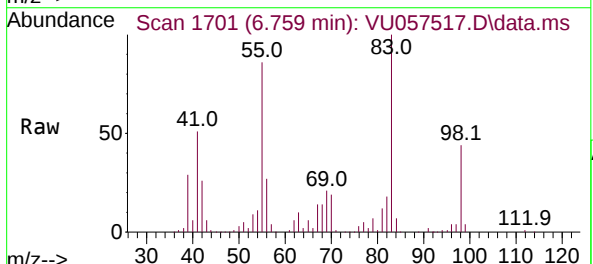


Tgt Ion: 95 Resp: 113490

Ion	Ratio	Lower	Upper
95	100		
97	63.9	45.0	83.6
132	86.6	61.7	114.5
130	91.0	63.1	117.3

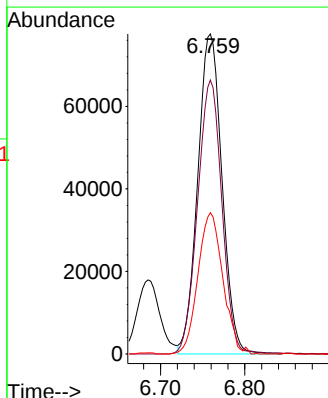
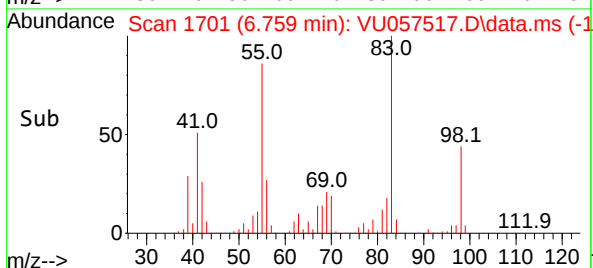


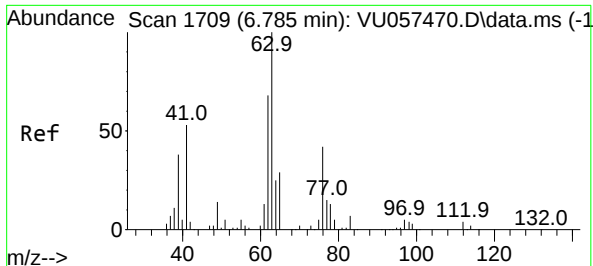
#35
Methylcyclohexane
Concen: 5.324 ug/L
RT: 6.759 min Scan# 1701
Delta R.T. -0.000 min
Lab File: VU057517.D
Acq: 15 Jan 2024 09:41



Tgt Ion: 83 Resp: 155649

Ion	Ratio	Lower	Upper
83	100		
55	85.5	68.7	103.1
98	45.0	36.3	54.5

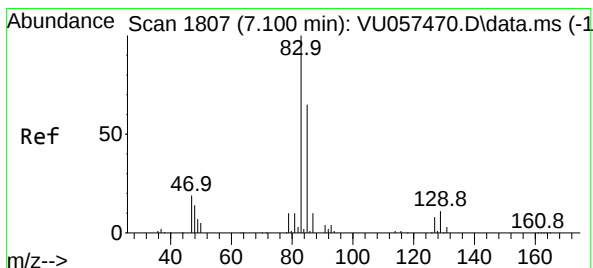
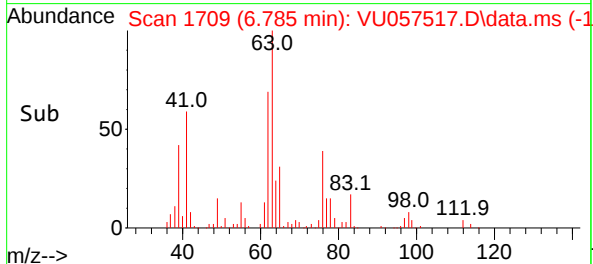
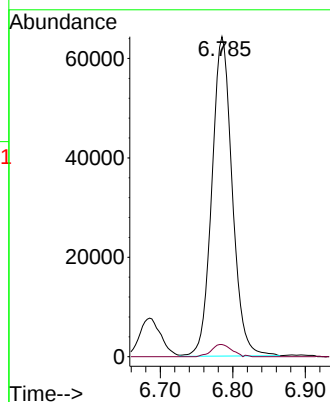
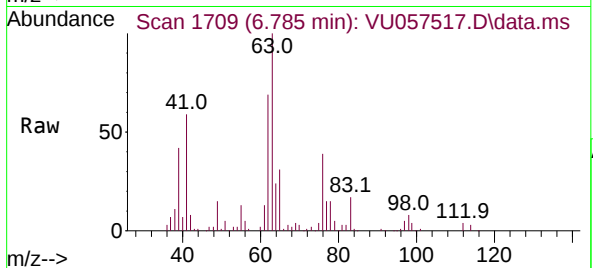




#37
1,2-Dichloropropane
Concen: 5.290 ug/L
RT: 6.785 min Scan# 1709
Delta R.T. -0.000 min
Lab File: VU057517.D
Acq: 15 Jan 2024 09:41

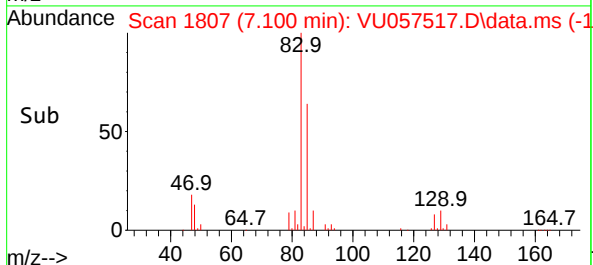
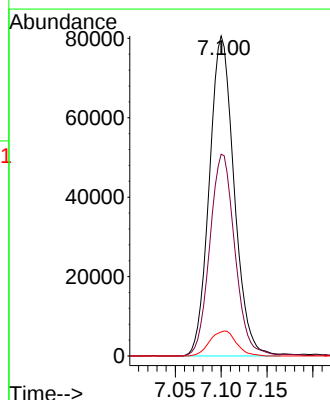
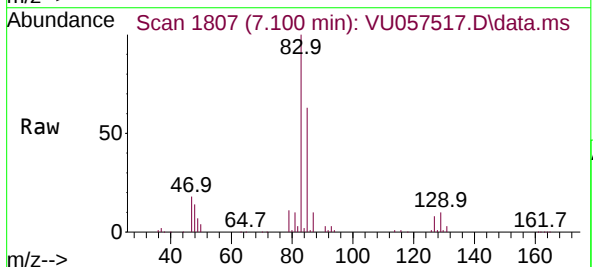
Instrument :
MSVOA_U
ClientSampleId :

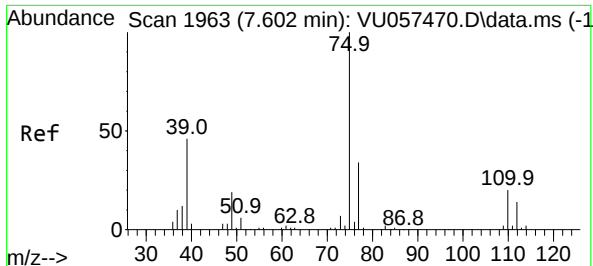
Tgt Ion: 63 Resp: 125597
Ion Ratio Lower Upper
63 100
112 3.8 2.7 4.1



#38
Bromodichloromethane
Concen: 5.299 ug/L
RT: 7.100 min Scan# 1807
Delta R.T. -0.000 min
Lab File: VU057517.D
Acq: 15 Jan 2024 09:41

Tgt Ion: 83 Resp: 151472
Ion Ratio Lower Upper
83 100
85 63.1 44.3 82.3
127 7.5 6.1 9.1





#39

cis-1,3-Dichloropropene

Concen: 5.125 ug/L

RT: 7.602 min Scan# 1963

Delta R.T. -0.000 min

Lab File: VU057517.D

Acq: 15 Jan 2024 09:41

Instrument :

MSVOA_U

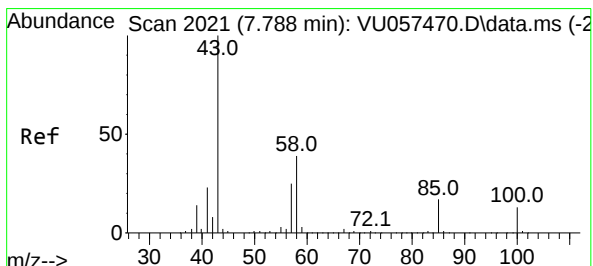
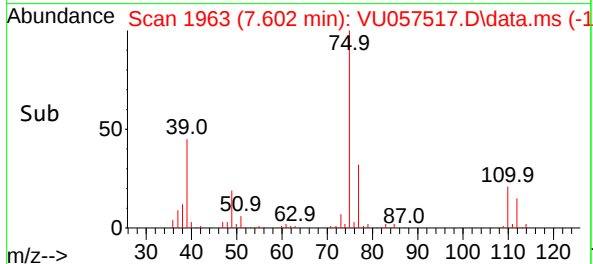
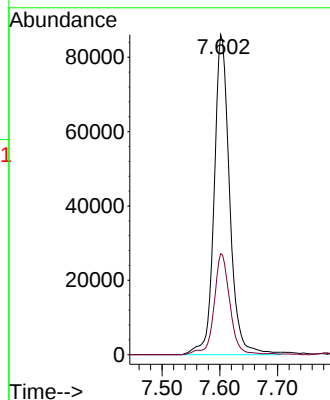
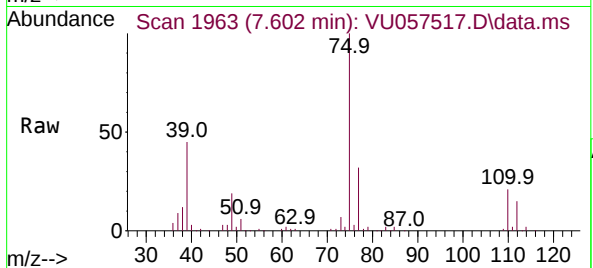
ClientSampleId :

Tgt Ion: 75 Resp: 160854

Ion Ratio Lower Upper

75 100

77 31.5 22.5 41.9



#40

4-Methyl-2-pentanone

Concen: 51.949 ug/L

RT: 7.788 min Scan# 2021

Delta R.T. -0.000 min

Lab File: VU057517.D

Acq: 15 Jan 2024 09:41

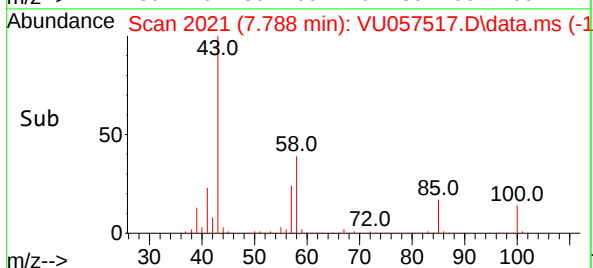
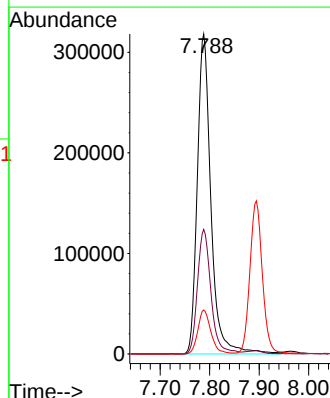
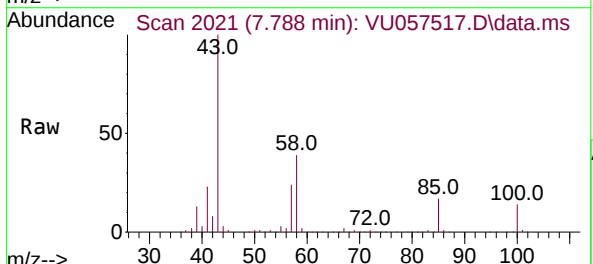
Tgt Ion: 43 Resp: 612284

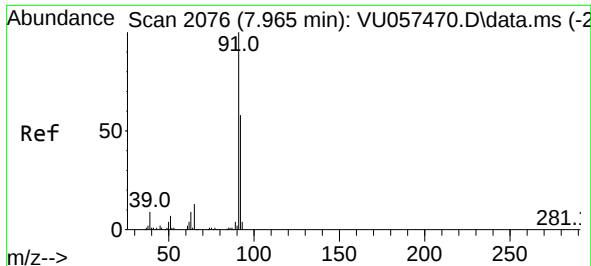
Ion Ratio Lower Upper

43 100

58 38.5 31.4 47.2

100 13.2 10.7 16.1





#42

Toluene

Concen: 5.684 ug/L

RT: 7.965 min Scan# 2076

Delta R.T. -0.000 min

Lab File: VU057517.D

Acq: 15 Jan 2024 09:41

Instrument :

MSVOA_U

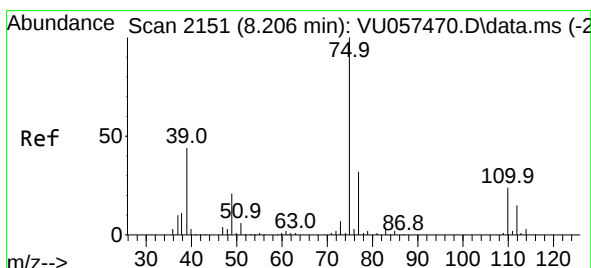
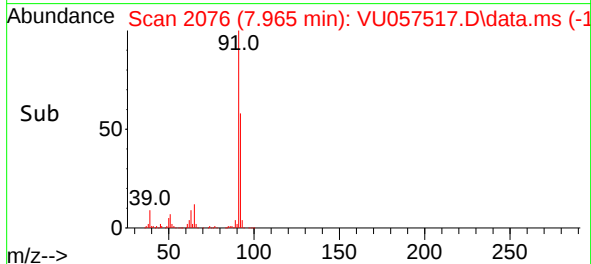
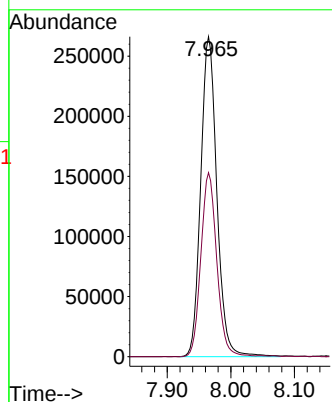
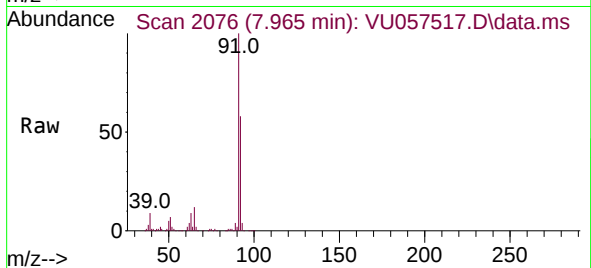
ClientSampleId :

Tgt Ion: 91 Resp: 469018

Ion Ratio Lower Upper

91 100

92 57.5 41.2 76.4



#44

trans-1,3-Dichloropropene

Concen: 5.308 ug/L

RT: 8.206 min Scan# 2151

Delta R.T. -0.000 min

Lab File: VU057517.D

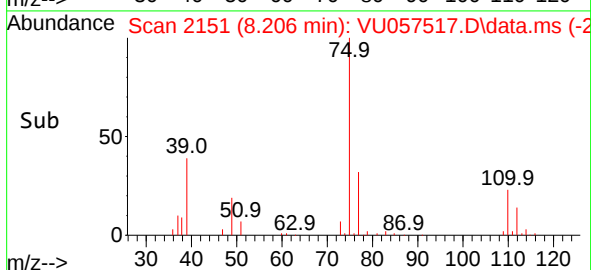
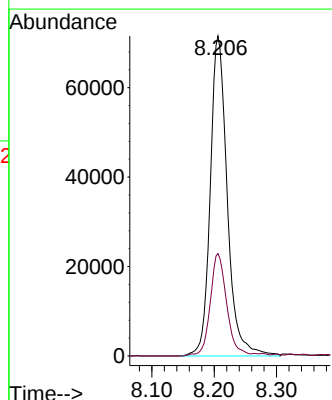
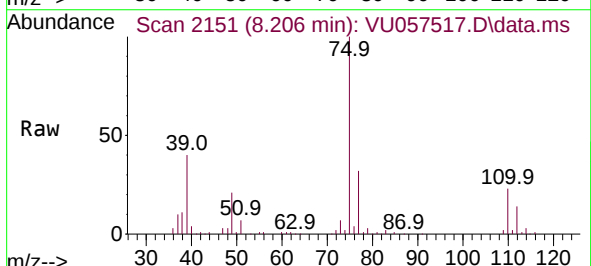
Acq: 15 Jan 2024 09:41

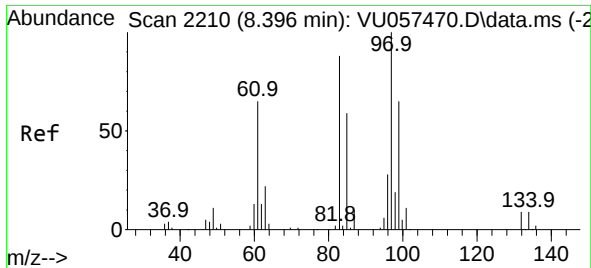
Tgt Ion: 75 Resp: 135589

Ion Ratio Lower Upper

75 100

77 32.0 22.1 41.1

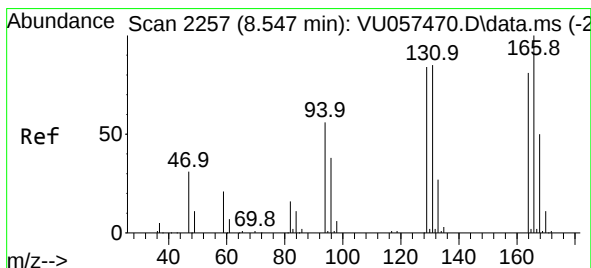
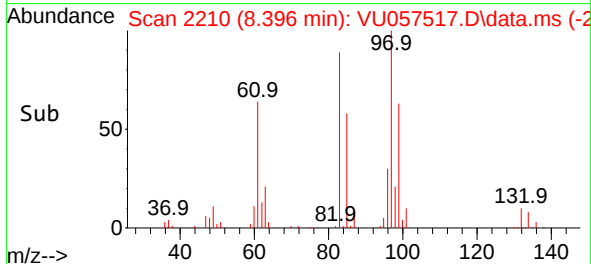
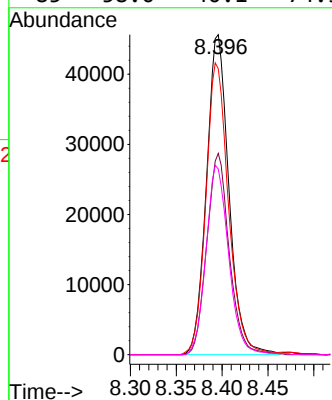
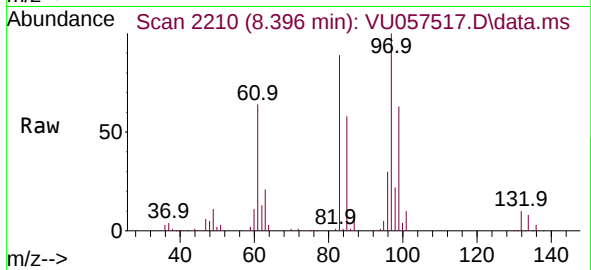




#45
1,1,2-Trichloroethane
Concen: 5.089 ug/L
RT: 8.396 min Scan# 2110
Delta R.T. -0.000 min
Lab File: VU057517.D
Acq: 15 Jan 2024 09:41

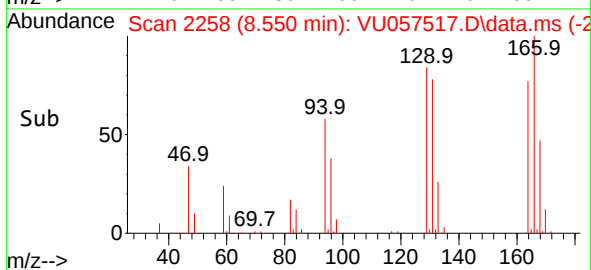
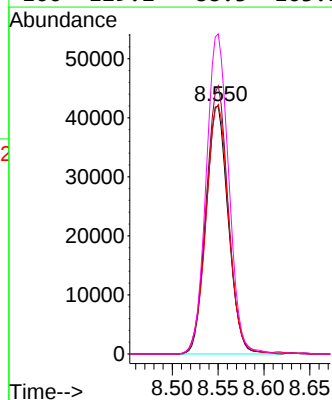
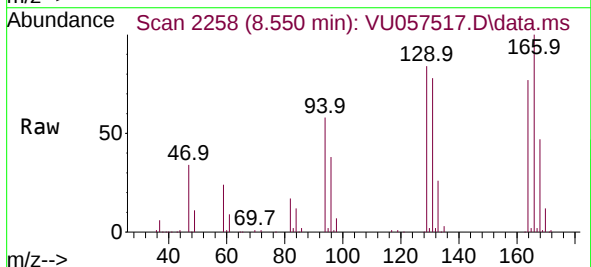
Instrument :
MSVOA_U
ClientSampleId :

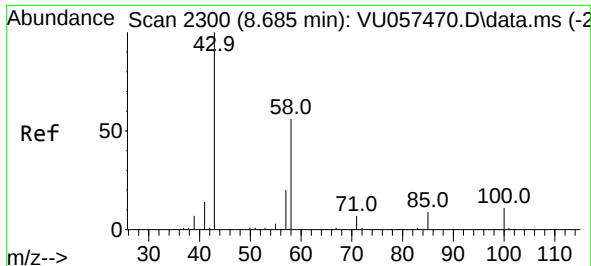
Tgt Ion: 97	Resp: 77929
Ion Ratio	Lower Upper
97 100	
99 62.9	45.5 84.5
83 89.3	63.8 118.6
85 58.0	40.1 74.5



#47
Tetrachloroethene
Concen: 4.879 ug/L
RT: 8.550 min Scan# 2258
Delta R.T. 0.003 min
Lab File: VU057517.D
Acq: 15 Jan 2024 09:41

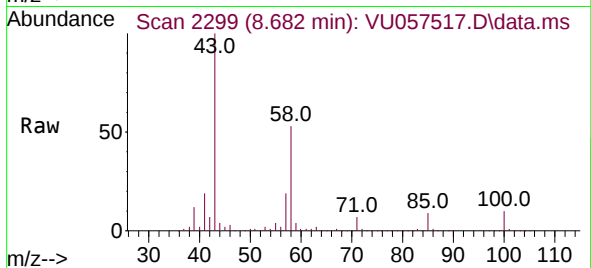
Tgt	Ion:164	Resp:	71257
Ion	Ratio	Lower	Upper
164	100		
129	108.3	74.8	138.8
131	100.7	70.3	130.7
166	129.2	88.3	163.9



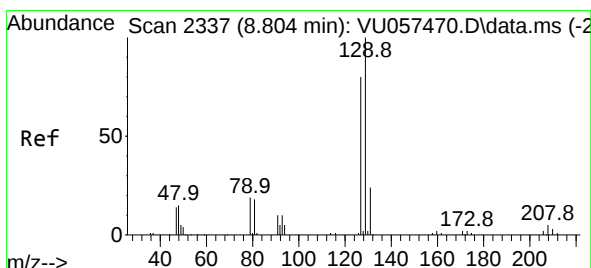
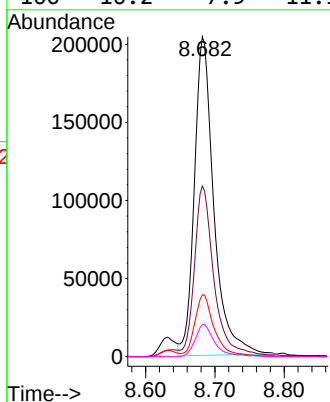
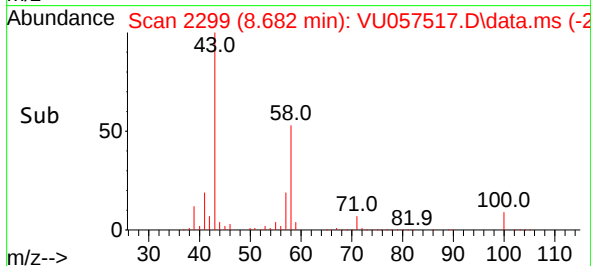


#48
2-Hexanone
Concen: 46.471 ug/L
RT: 8.682 min Scan# 21
Delta R.T. -0.003 min
Lab File: VU057517.D
Acq: 15 Jan 2024 09:41

Instrument :
MSVOA_U
ClientSampleId :

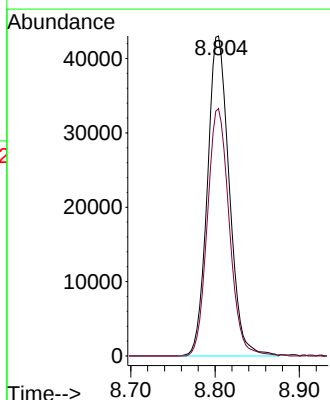
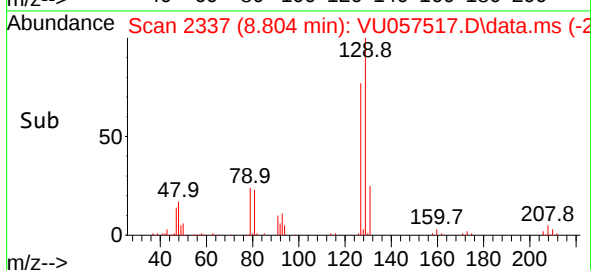
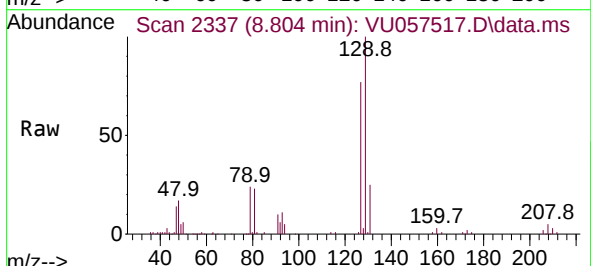


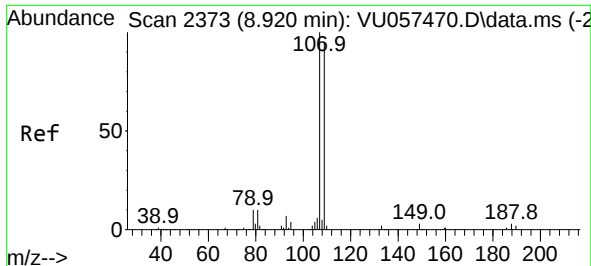
Tgt Ion: 43 Resp: 399996
Ion Ratio Lower Upper
43 100
58 52.3 43.1 64.7
57 19.1 15.5 23.3
100 10.2 7.9 11.9



#49
Dibromochloromethane
Concen: 4.721 ug/L
RT: 8.804 min Scan# 2337
Delta R.T. -0.000 min
Lab File: VU057517.D
Acq: 15 Jan 2024 09:41

Tgt Ion:129 Resp: 77564
Ion Ratio Lower Upper
129 100
127 77.3 54.7 101.7





#50

1,2-Dibromoethane

Concen: 4.997 ug/L

RT: 8.920 min Scan# 21

Delta R.T. -0.000 min

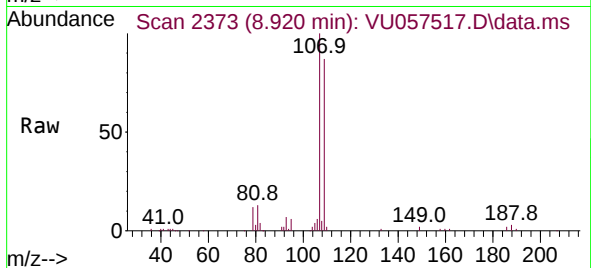
Lab File: VU057517.D

Acq: 15 Jan 2024 09:41

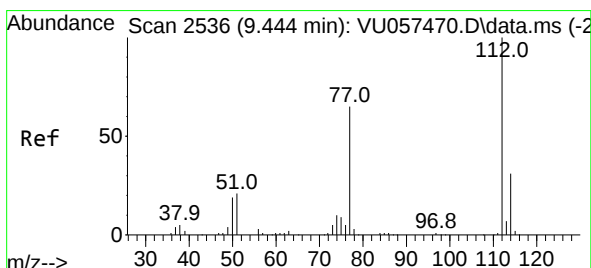
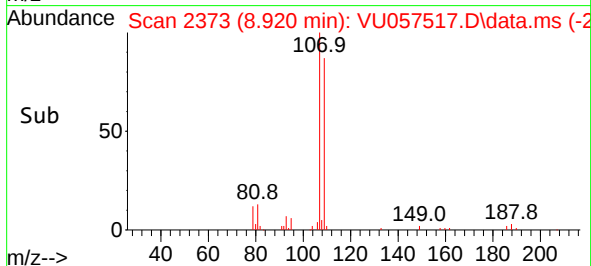
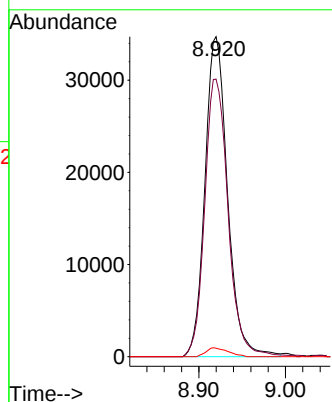
Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion:	107	Resp:	63044
Ion	Ratio	Lower	Upper
107	100		
109	86.8	67.1	124.7
188	2.6	3.0	4.4#



#51

Chlorobenzene

Concen: 4.968 ug/L

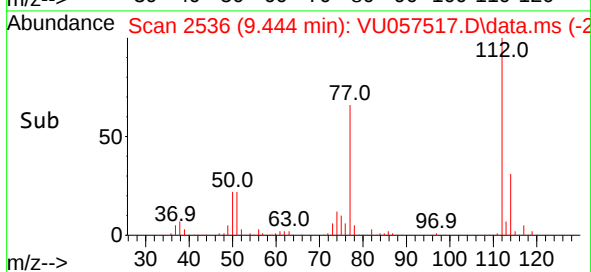
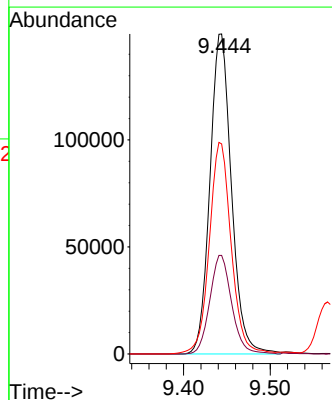
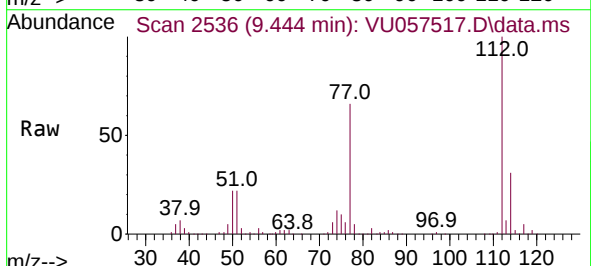
RT: 9.444 min Scan# 2536

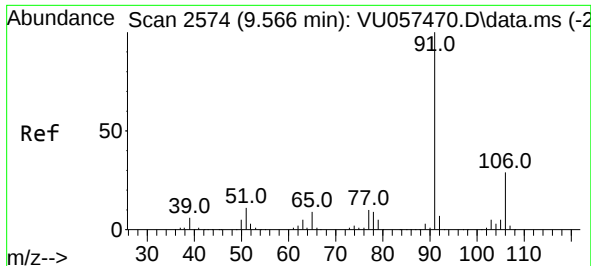
Delta R.T. -0.000 min

Lab File: VU057517.D

Acq: 15 Jan 2024 09:41

Tgt Ion:	112	Resp:	258406
Ion	Ratio	Lower	Upper
112	100		
114	30.8	22.0	40.8
77	65.7	53.4	80.0

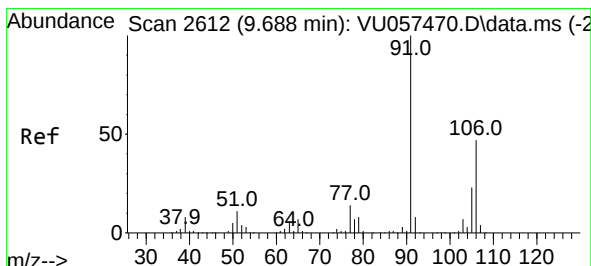
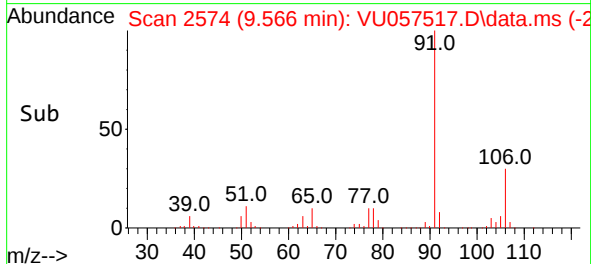
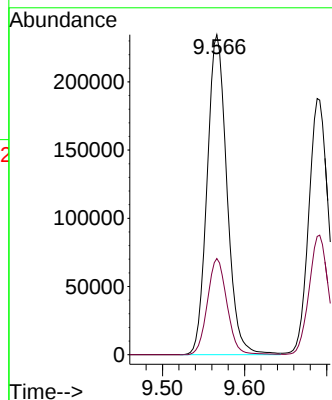
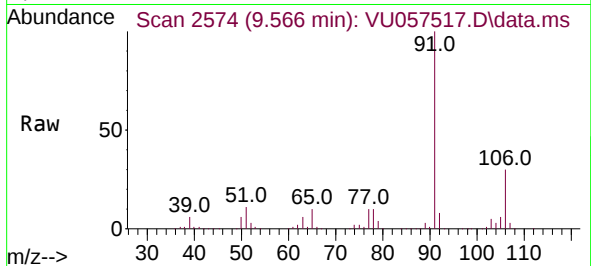




#52
Ethylbenzene
Concen: 4.624 ug/L
RT: 9.566 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU057517.D
Acq: 15 Jan 2024 09:41

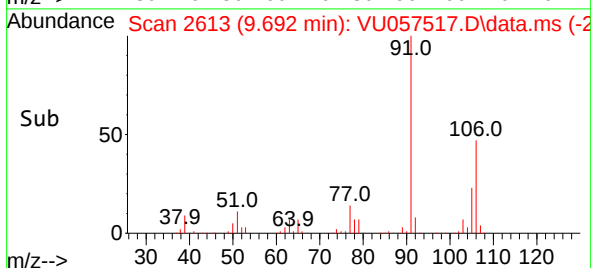
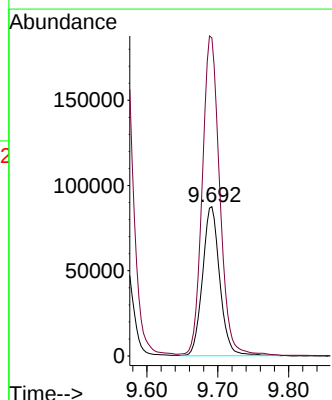
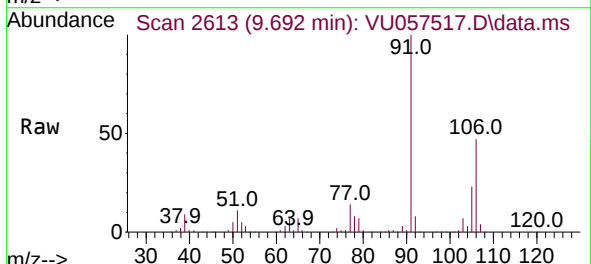
Instrument :
MSVOA_U
ClientSampleId :

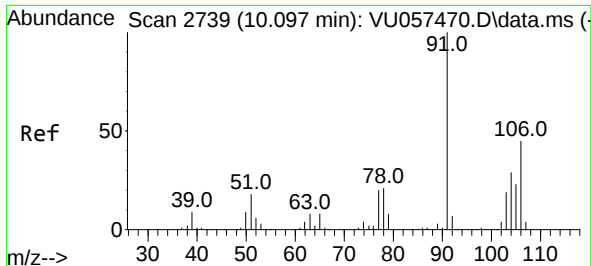
Tgt Ion: 91 Resp: 392419
Ion Ratio Lower Upper
91 100
106 30.0 20.5 38.1



#53
m,p-Xylene
Concen: 4.838 ug/L
RT: 9.692 min Scan# 2613
Delta R.T. 0.003 min
Lab File: VU057517.D
Acq: 15 Jan 2024 09:41

Tgt Ion: 106 Resp: 147886
Ion Ratio Lower Upper
106 100
91 213.1 153.4 285.0

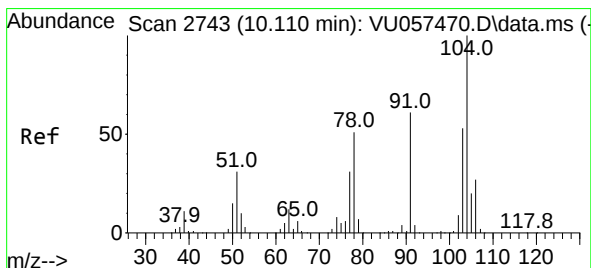
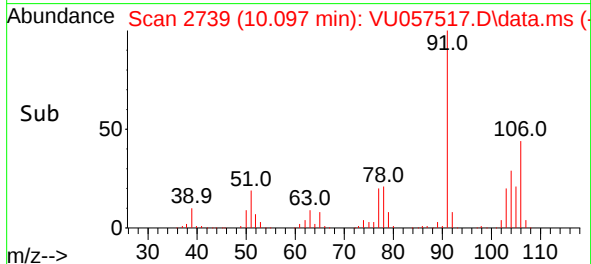
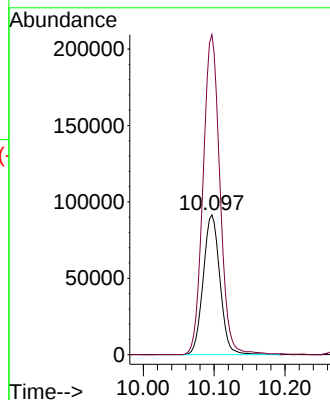
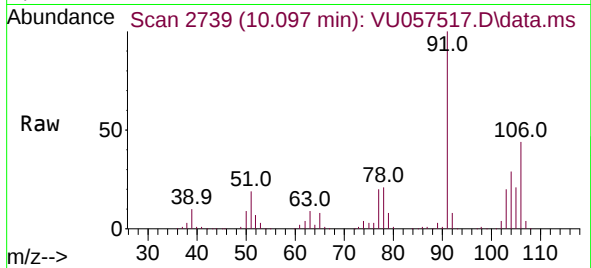




#54
o-Xylene
Concen: 5.133 ug/L
RT: 10.097 min Scan# 2739
Delta R.T. -0.000 min
Lab File: VU057517.D
Acq: 15 Jan 2024 09:41

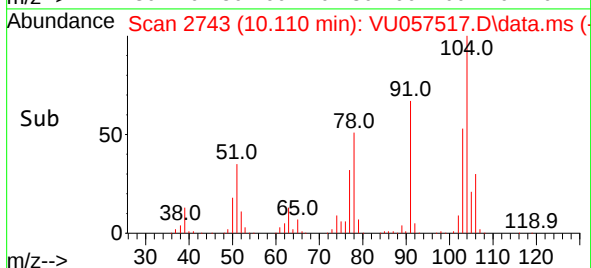
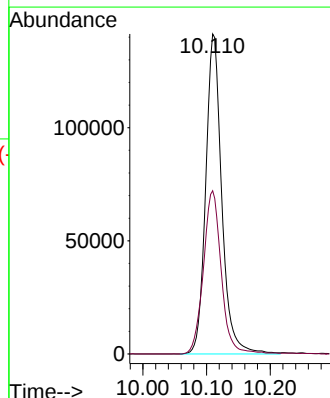
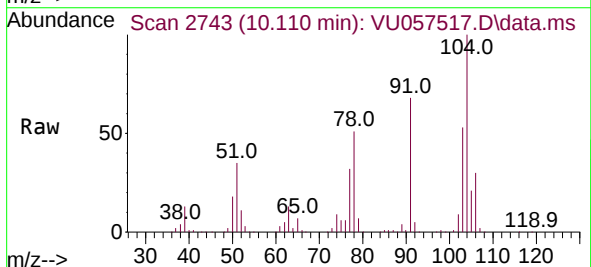
Instrument :
MSVOA_U
ClientSampleId :

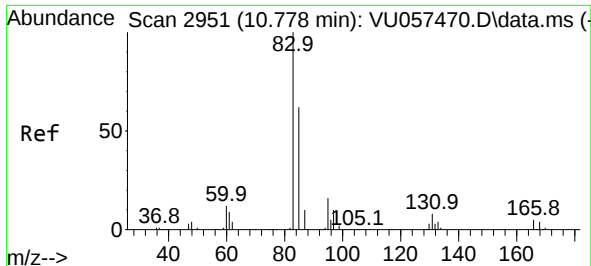
Tgt Ion:106 Resp: 150564
Ion Ratio Lower Upper
106 100
91 228.8 165.1 306.5



#55
Styrene
Concen: 5.131 ug/L
RT: 10.110 min Scan# 2743
Delta R.T. -0.000 min
Lab File: VU057517.D
Acq: 15 Jan 2024 09:41

Tgt Ion:104 Resp: 247837
Ion Ratio Lower Upper
104 100
78 51.0 35.1 65.3

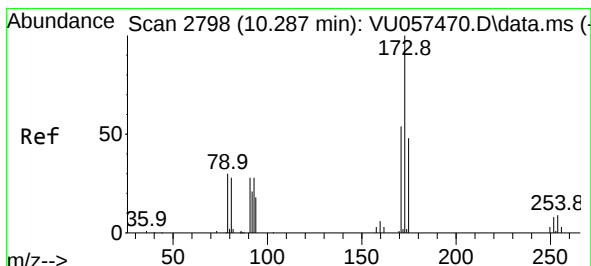
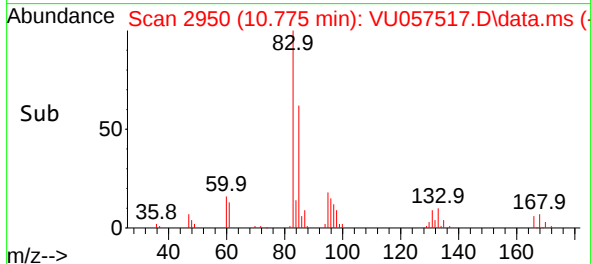
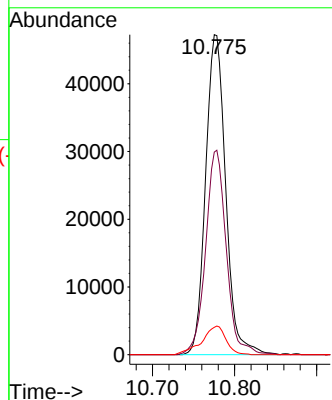
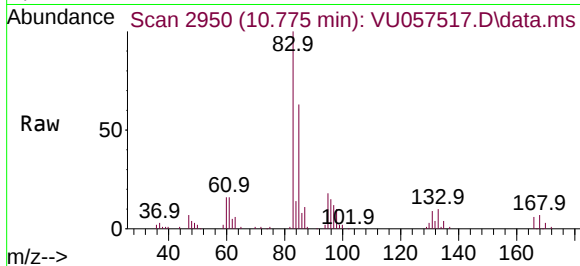




#57
1,1,2,2-Tetrachloroethane
Concen: 4.341 ug/L
RT: 10.775 min Scan# 2951
Delta R.T. -0.003 min
Lab File: VU057517.D
Acq: 15 Jan 2024 09:41

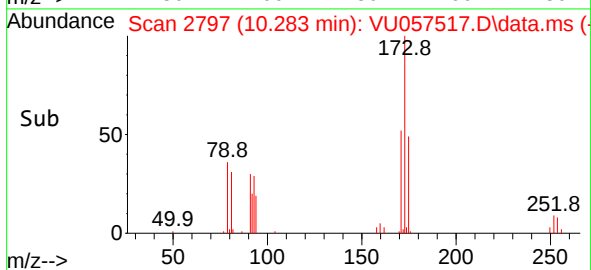
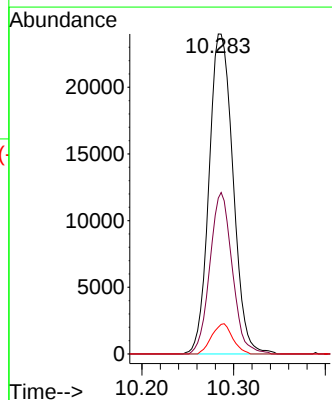
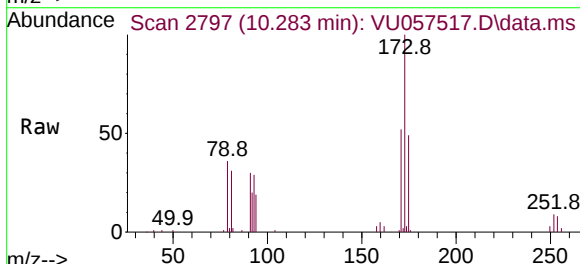
Instrument :
MSVOA_U
ClientSampleId :

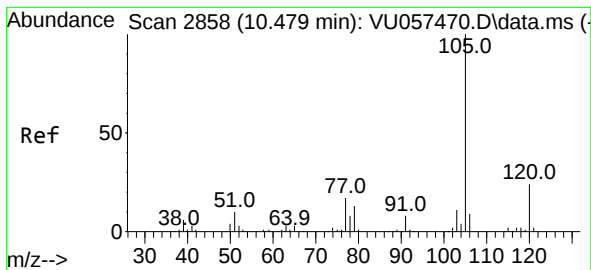
Tgt Ion: 83 Resp: 80585
Ion Ratio Lower Upper
83 100
85 63.3 45.1 83.9
131 8.5 6.7 10.1



#59
Bromoform
Concen: 5.609 ug/L
RT: 10.283 min Scan# 2797
Delta R.T. -0.003 min
Lab File: VU057517.D
Acq: 15 Jan 2024 09:41

Tgt Ion:173 Resp: 43588
Ion Ratio Lower Upper
173 100
175 47.0 38.3 57.5
254 8.2 6.6 9.8





#60

Isopropylbenzene

Concen: 5.612 ug/L

RT: 10.479 min Scan# 2858

Delta R.T. -0.000 min

Lab File: VU057517.D

Acq: 15 Jan 2024 09:41

Instrument :

MSVOA_U

ClientSampleId :

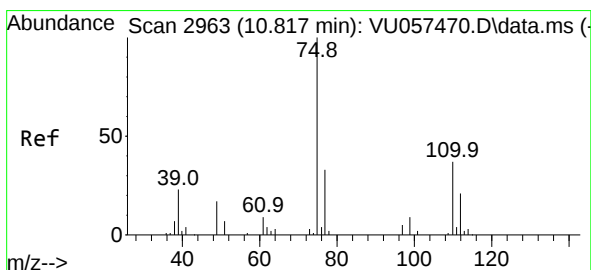
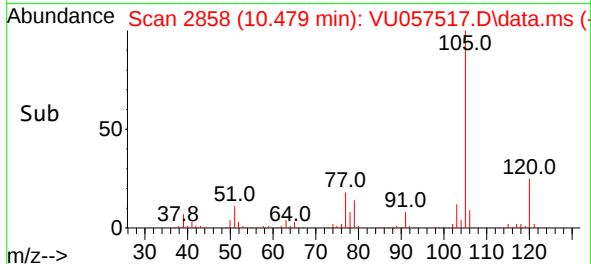
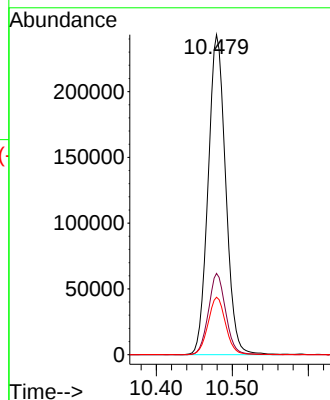
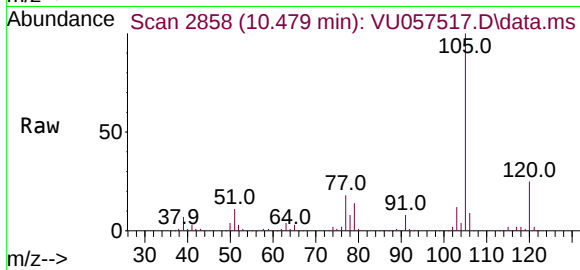
Tgt Ion:105 Resp: 389723

Ion Ratio Lower Upper

105 100

120 24.9 19.4 29.2

77 18.0 14.4 21.6



#61

1,2,3-Trichloropropane

Concen: 5.140 ug/L

RT: 10.817 min Scan# 2963

Delta R.T. -0.000 min

Lab File: VU057517.D

Acq: 15 Jan 2024 09:41

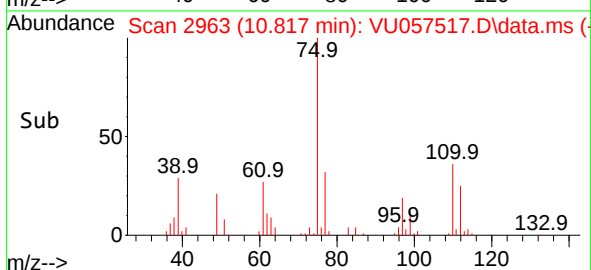
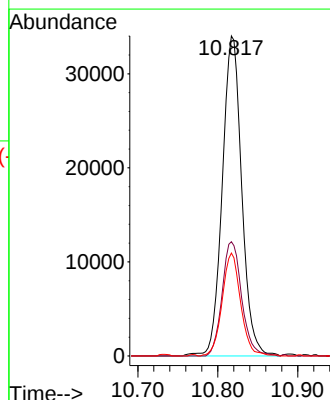
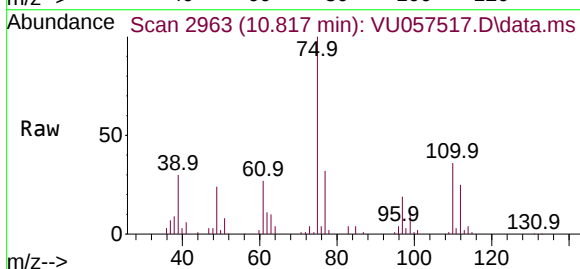
Tgt Ion: 75 Resp: 57427

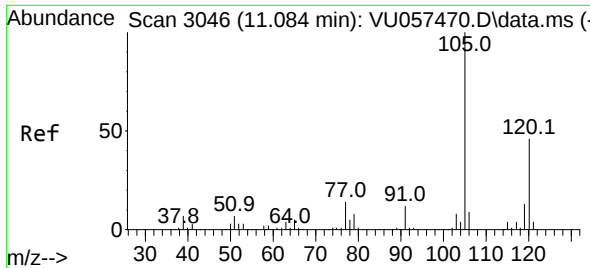
Ion Ratio Lower Upper

75 100

110 35.9 29.4 44.0

77 30.5 26.2 39.4

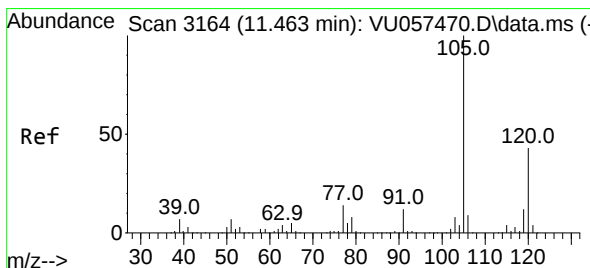
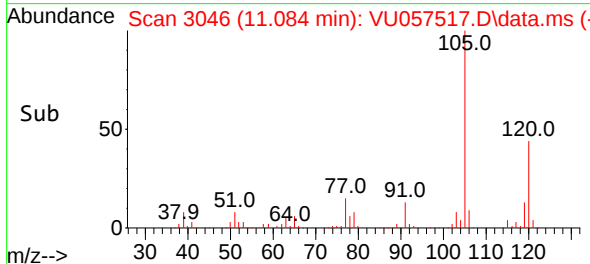
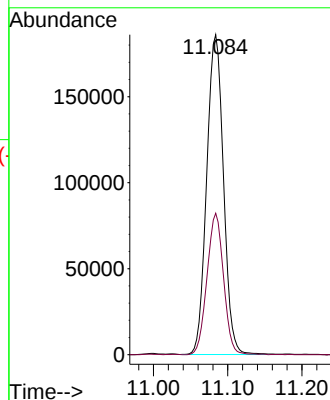
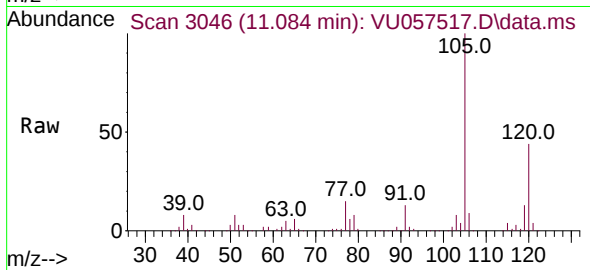




#62
 1,3,5-Trimethylbenzene
 Concen: 5.321 ug/L
 RT: 11.084 min Scan# 3046
 Delta R.T. -0.000 min
 Lab File: VU057517.D
 Acq: 15 Jan 2024 09:41

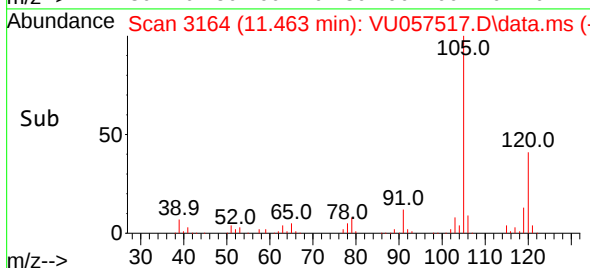
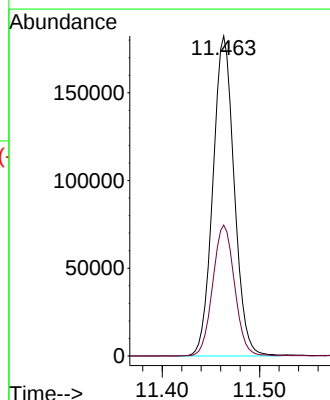
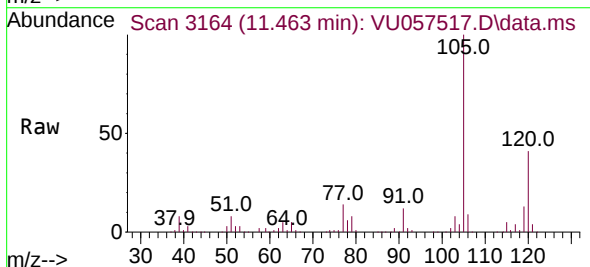
Instrument :
 MSVOA_U
 ClientSampleId :

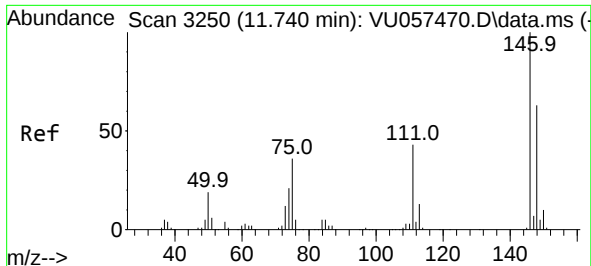
Tgt Ion:105 Resp: 291374
 Ion Ratio Lower Upper
 105 100
 120 43.6 37.0 55.6



#63
 1,2,4-Trimethylbenzene
 Concen: 5.061 ug/L
 RT: 11.463 min Scan# 3164
 Delta R.T. -0.000 min
 Lab File: VU057517.D
 Acq: 15 Jan 2024 09:41

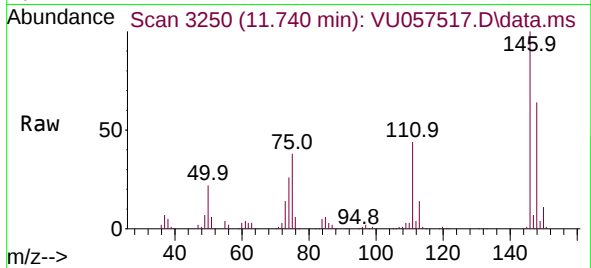
Tgt Ion:105 Resp: 277407
 Ion Ratio Lower Upper
 105 100
 120 41.8 33.8 50.8



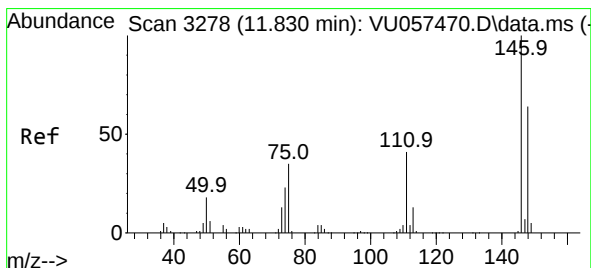
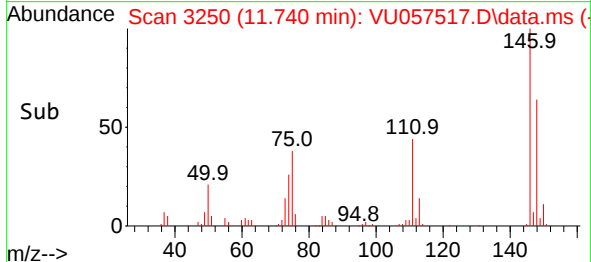
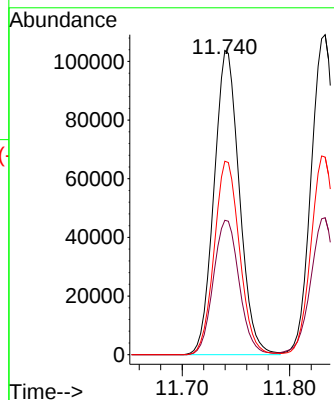


#64
1,3-Dichlorobenzene
Concen: 5.032 ug/L
RT: 11.740 min Scan# 31
Delta R.T. -0.000 min
Lab File: VU057517.D
Acq: 15 Jan 2024 09:41

Instrument :
MSVOA_U
ClientSampleId :

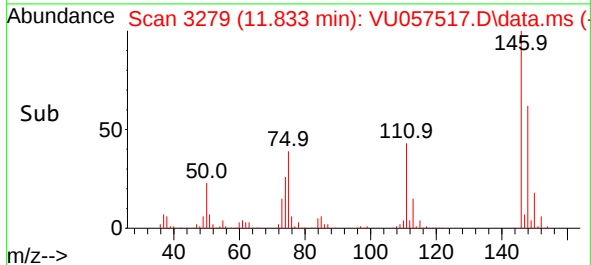
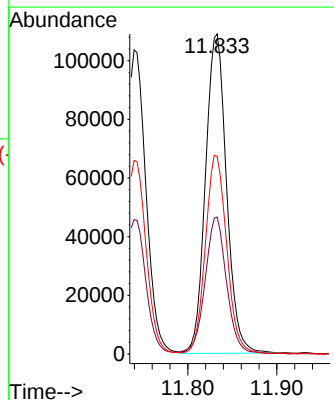
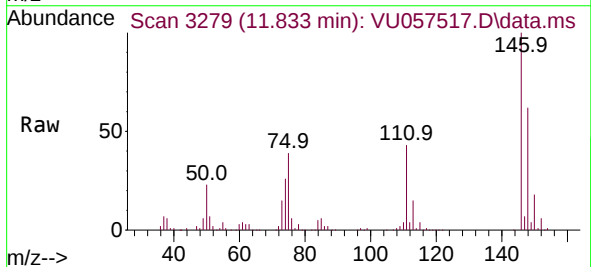


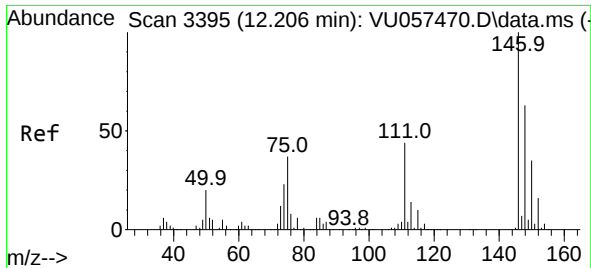
Tgt Ion:146 Resp: 170116
Ion Ratio Lower Upper
146 100
111 44.2 31.1 57.9
148 63.6 43.2 80.2



#65
1,4-Dichlorobenzene
Concen: 5.328 ug/L
RT: 11.833 min Scan# 3279
Delta R.T. 0.003 min
Lab File: VU057517.D
Acq: 15 Jan 2024 09:41

Tgt Ion:146 Resp: 178787
Ion Ratio Lower Upper
146 100
111 42.8 30.3 56.3
148 61.8 44.7 83.1

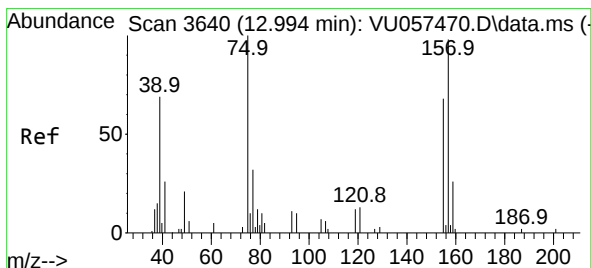
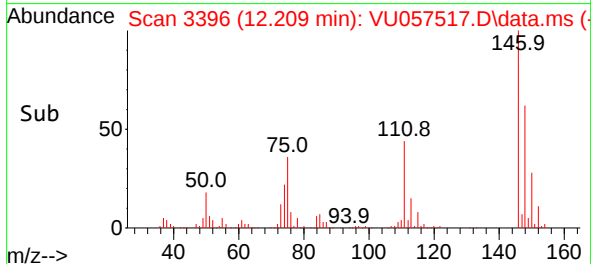
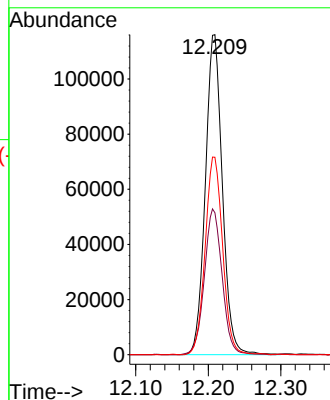
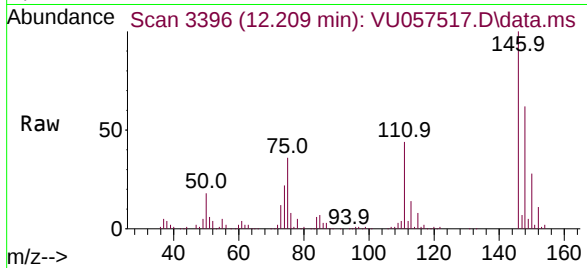




#67
1,2-Dichlorobenzene
Concen: 6.051 ug/L
RT: 12.209 min Scan# 311
Delta R.T. 0.003 min
Lab File: VU057517.D
Acq: 15 Jan 2024 09:41

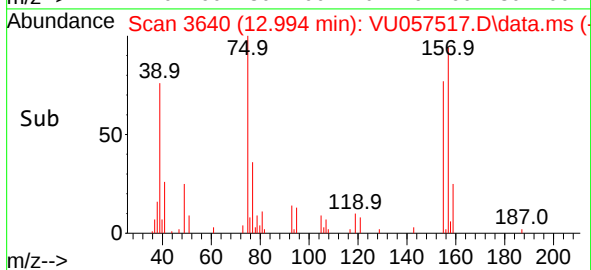
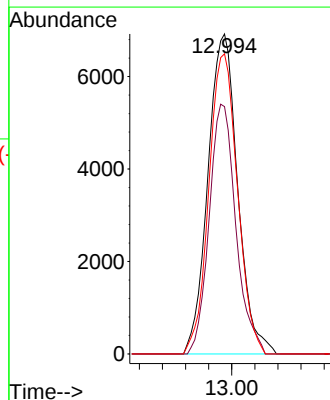
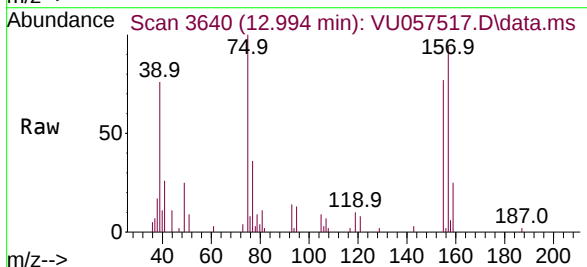
Instrument :
MSVOA_U
ClientSampleId :

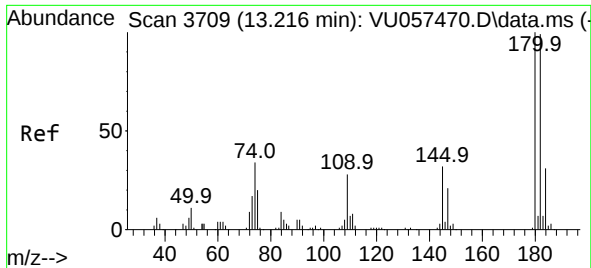
Tgt Ion:146 Resp: 189448
Ion Ratio Lower Upper
146 100
111 44.3 36.2 54.4
148 61.7 49.9 74.9



#68
1,2-Dibromo-3-chloropropane
Concen: 5.772 ug/L
RT: 12.994 min Scan# 3640
Delta R.T. -0.000 min
Lab File: VU057517.D
Acq: 15 Jan 2024 09:41

Tgt Ion: 75 Resp: 12368
Ion Ratio Lower Upper
75 100
155 77.3 55.4 83.0
157 93.8 68.6 102.8





#69

1,3,5-Trichlorobenzene

Concen: 6.328 ug/L

RT: 13.216 min Scan# 31

Delta R.T. -0.000 min

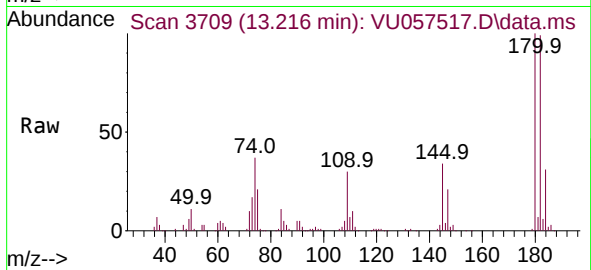
Lab File: VU057517.D

Acq: 15 Jan 2024 09:41

Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion:180 Resp: 143399

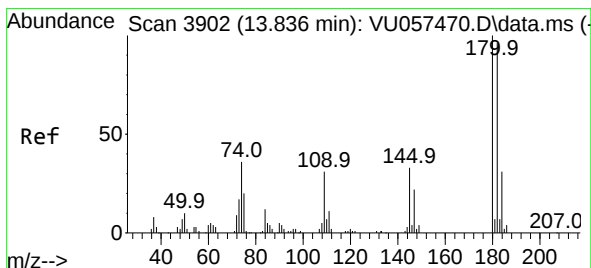
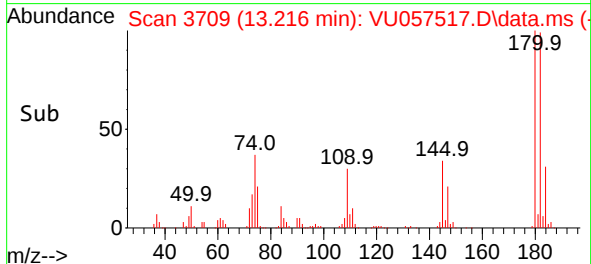
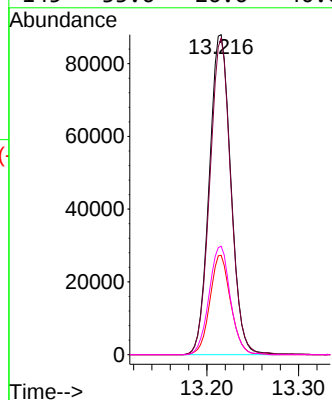
Ion Ratio Lower Upper

180 100

182 96.4 76.6 115.0

184 30.0 24.6 37.0

145 33.6 26.6 40.0



#70

1,2,4-trichlorobenzene

Concen: 6.416 ug/L

RT: 13.836 min Scan# 3902

Delta R.T. -0.000 min

Lab File: VU057517.D

Acq: 15 Jan 2024 09:41

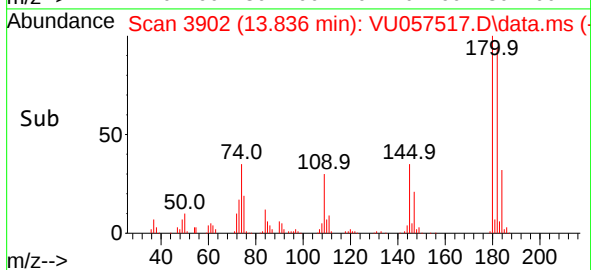
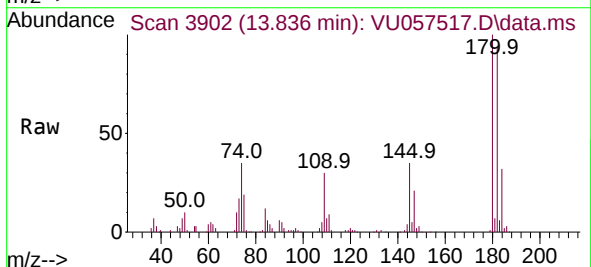
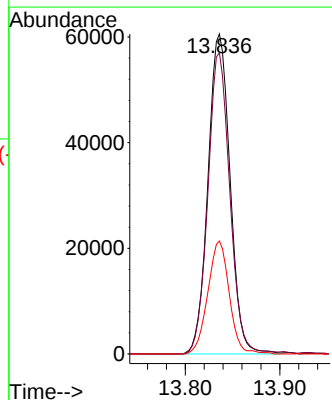
Tgt Ion:180 Resp: 98443

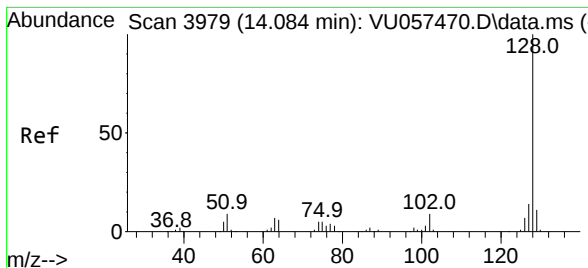
Ion Ratio Lower Upper

180 100

182 93.5 77.1 115.7

145 34.2 27.6 41.4





#71

Naphthalene

Concen: 5.759 ug/L

RT: 14.084 min Scan# 3979

Delta R.T. -0.000 min

Lab File: VU057517.D

Acq: 15 Jan 2024 09:41

Instrument :

MSVOA_U

ClientSampleId :

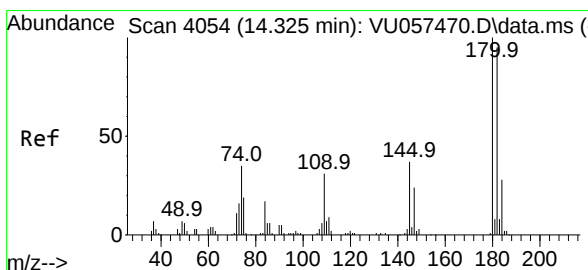
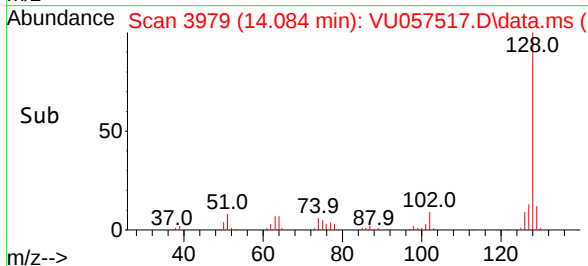
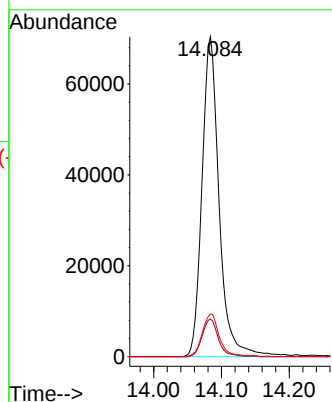
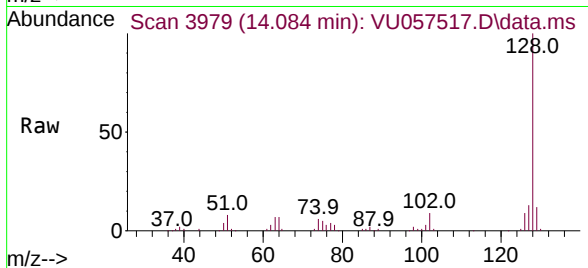
Tgt Ion:128 Resp: 123568

Ion Ratio Lower Upper

128 100

129 11.0 8.5 12.7

127 13.4 10.5 15.7



#72

1,2,3-Trichlorobenzene

Concen: 6.350 ug/L

RT: 14.322 min Scan# 4053

Delta R.T. -0.003 min

Lab File: VU057517.D

Acq: 15 Jan 2024 09:41

Tgt Ion:180 Resp: 79797

Ion Ratio Lower Upper

180 100

182 96.8 77.0 115.6

145 35.7 30.0 45.0

