

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU092223\
 Data File : VU055477.D
 Acq On : 22 Sep 2023 22:18
 Operator : MD/SY
 Sample : 04579-18MSD
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 EYJ00MSD

Quant Time: Sep 25 01:15:18 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR091923WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Mon Sep 25 01:08:17 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	306632	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	311858	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.810	152	178732	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	104785	3.381	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	67.600%
7) Chloroethane-d5	1.911	69	103478	3.789	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	75.800%
11) 1,1-Dichloroethene-d2	2.563	65	47179	3.698	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	74.000%
20) 2-Butanone-d5	4.627	46	305858	54.640	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	109.280%
24) Chloroform-d	5.058	84	268748	4.794	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.800%
26) 1,2-Dichloroethane-d4	5.698	65	127984	4.746	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.000%
32) Benzene-d6	5.724	84	492386	4.514	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.200%
36) 1,2-Dichloropropane-d6	6.685	67	154465	4.739	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	94.800%
41) Toluene-d8	7.894	98	438091	4.406	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	88.200%
43) trans-1,3-Dichloroprop...	8.177	79	56046	4.900	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	98.000%
46) 2-Hexanone-d5	8.630	63	182556	52.474	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	104.940%
56) 1,1,2,2-Tetrachloroeth...	10.753	84	131950	5.402	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	108.000%
66) 1,2-Dichlorobenzene-d4	12.190	152	166807	4.624	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	92.400%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.383	85	138531	4.640	ug/L	100
3) Chloromethane	1.515	50	124473	4.740	ug/L	98
5) Vinyl chloride	1.602	62	139062	4.908	ug/L	99
6) Bromomethane	1.856	94	63837	3.547	ug/L	98
8) Chloroethane	1.933	64	92864	5.023	ug/L	97
9) Trichlorofluoromethane	2.136	101	193295	4.920	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.579	101	114954	4.808	ug/L	98
12) 1,1-Dichloroethene	2.576	96	106477	4.967	ug/L	92
13) Acetone	2.640	43	146689	45.972	ug/L	98
14) Carbon disulfide	2.791	76	330460	5.128	ug/L	100
15) Methyl Acetate	2.952	43	32094	4.412	ug/L	98
16) Methylene chloride	3.039	84	115252	4.487	ug/L	97
17) Methyl tert-butyl Ether	3.357	73	237414	5.105	ug/L	99
18) trans-1,2-Dichloroethene	3.351	96	109940	5.088	ug/L	100
19) 1,1-Dichloroethane	3.865	63	204134	5.108	ug/L	99
21) 2-Butanone	4.708	43	237279	50.701	ug/L	98
22) cis-1,2-Dichloroethene	4.663	96	122366	4.884	ug/L	97
23) Bromochloromethane	4.968	128	53426	5.045	ug/L	97
25) Chloroform	5.084	83	215960	5.104	ug/L	100

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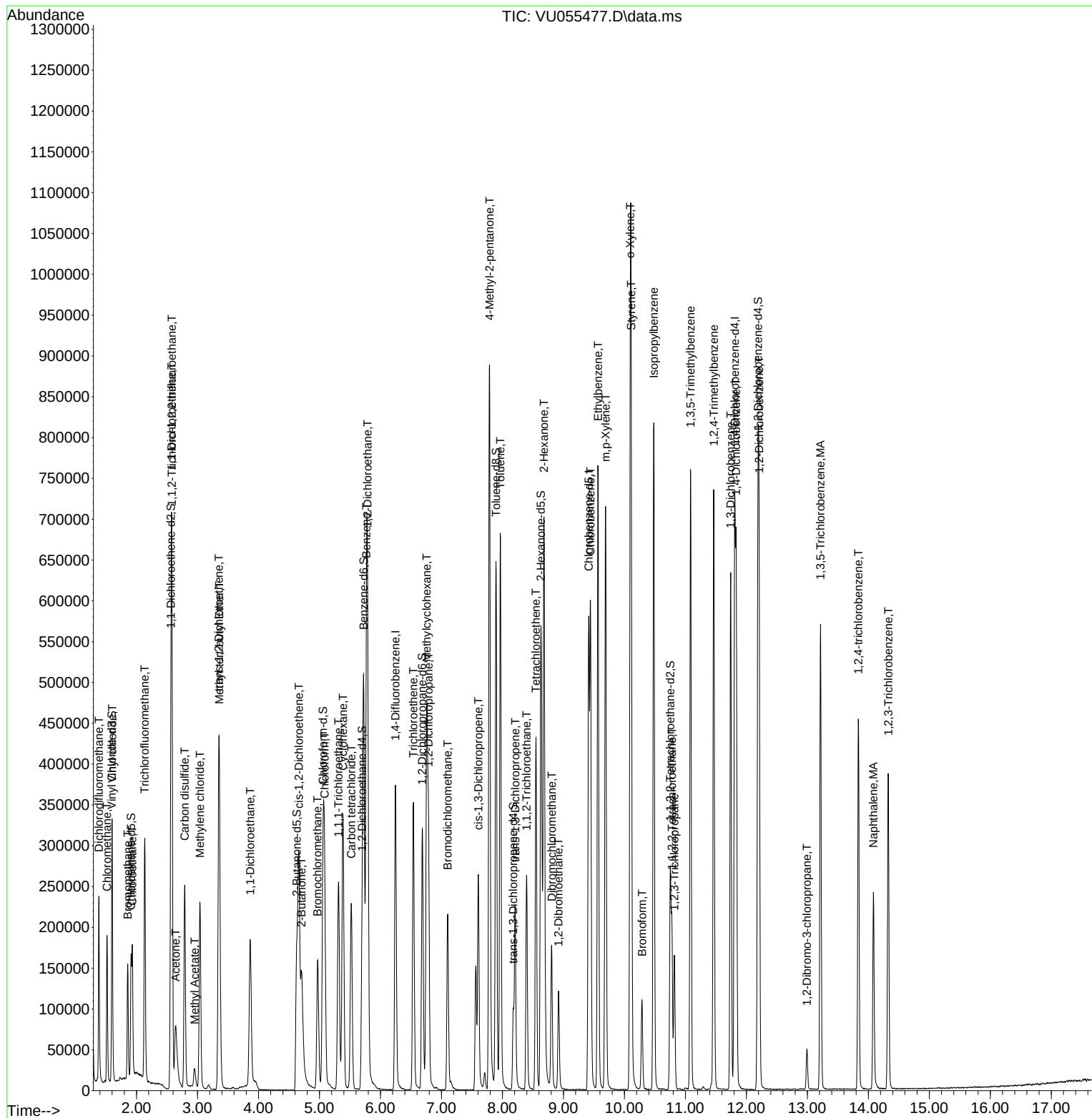
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.788	62	385299	14.848	ug/L	99
29) 1,1,1-Trichloroethane	5.312	97	189667	5.335	ug/L	97
30) Cyclohexane	5.386	56	164454	5.053	ug/L	99
31) Carbon tetrachloride	5.521	117	161054	5.285	ug/L	98
33) Benzene	5.769	78	470842	5.246	ug/L	100
34) Trichloroethene	6.541	95	126201	4.971	ug/L	98
35) Methylcyclohexane	6.759	83	180858	4.945	ug/L	99
37) 1,2-Dichloropropane	6.788	63	116839	4.977	ug/L	98
38) Bromodichloromethane	7.103	83	147332	5.356	ug/L	97
39) cis-1,3-Dichloropropene	7.605	75	164010	5.235	ug/L	99
40) 4-Methyl-2-pentanone	7.788	43	559587	52.551	ug/L	98
42) Toluene	7.965	91	504488	5.269	ug/L	99
44) trans-1,3-Dichloropropene	8.209	75	132403	5.282	ug/L	100
45) 1,1,2-Trichloroethane	8.396	97	83112	5.050	ug/L	98
47) Tetrachloroethene	8.550	164	94878	5.209	ug/L	99
48) 2-Hexanone	8.682	43	439922	53.307	ug/L	98
49) Dibromochloromethane	8.807	129	91252	5.289	ug/L	98
50) 1,2-Dibromoethane	8.920	107	81268	5.320	ug/L #	99
51) Chlorobenzene	9.444	112	314780	5.133	ug/L	97
52) Ethylbenzene	9.566	91	536985	5.232	ug/L	98
53) m,p-Xylene	9.692	106	200789	5.220	ug/L	94
54) o-Xylene	10.097	106	199409	5.332	ug/L	96
55) Styrene	10.113	104	329415	5.448	ug/L	97
57) 1,1,2,2-Tetrachloroethane	10.778	83	99822	5.372	ug/L	99
59) Bromoform	10.290	173	49301	5.146	ug/L	98
60) Isopropylbenzene	10.483	105	533012	5.174	ug/L	99
61) 1,2,3-Trichloropropane	10.820	75	72509	5.197	ug/L	98
62) 1,3,5-Trimethylbenzene	11.087	105	426617	5.179	ug/L	99
63) 1,2,4-Trimethylbenzene	11.466	105	416569	5.166	ug/L	100
64) 1,3-Dichlorobenzene	11.743	146	253352	5.137	ug/L	98
65) 1,4-Dichlorobenzene	11.833	146	253949	5.152	ug/L	99
67) 1,2-Dichlorobenzene	12.209	146	235287	5.204	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.990	75	13355	5.522	ug/L	88
69) 1,3,5-Trichlorobenzene	13.216	180	170589	5.023	ug/L	99
70) 1,2,4-trichlorobenzene	13.836	180	134995	5.214	ug/L	99
71) Naphthalene	14.084	128	197212	5.261	ug/L	99
72) 1,2,3-Trichlorobenzene	14.328	180	118055	5.240	ug/L	98

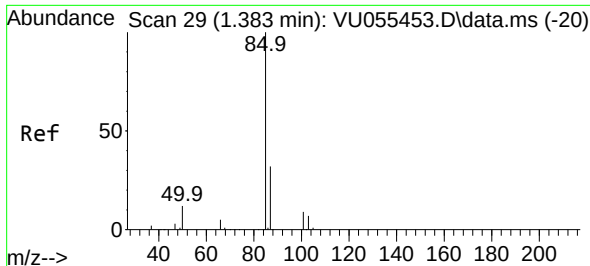
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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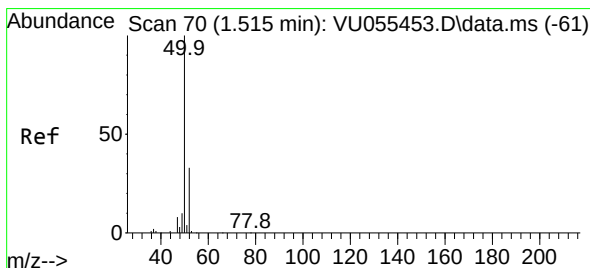
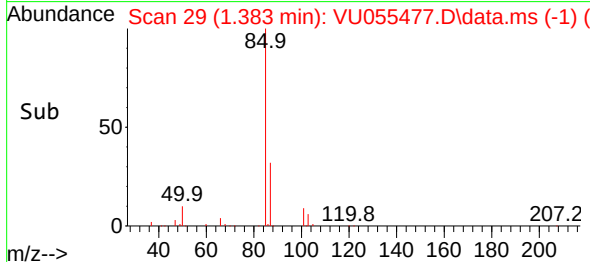
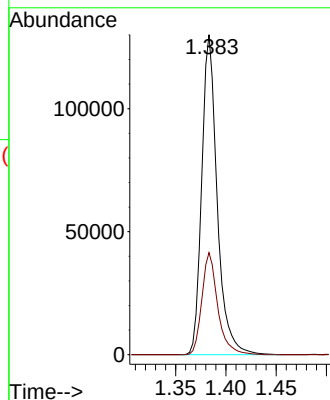
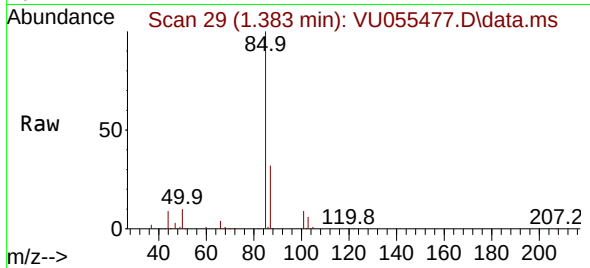




#2
 Dichlorodifluoromethane
 Concen: 4.640 ug/L
 RT: 1.383 min Scan# 29
 Delta R.T. -0.000 min
 Lab File: VU055477.D
 Acq: 22 Sep 2023 22:18

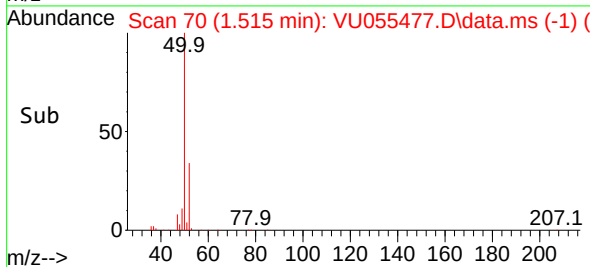
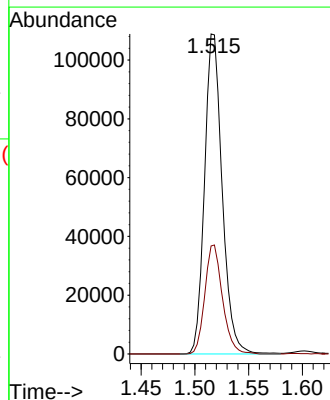
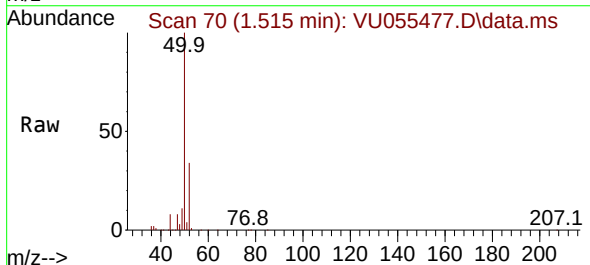
Instrument :
 MSVOA_U
 ClientSampleId :
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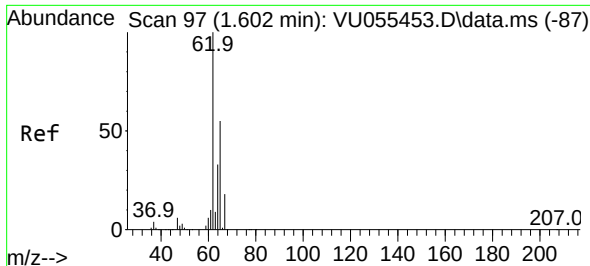
Tgt Ion: 85 Resp: 138531
 Ion Ratio Lower Upper
 85 100
 87 32.7 26.0 39.0



#3
 Chloromethane
 Concen: 4.740 ug/L
 RT: 1.515 min Scan# 70
 Delta R.T. 0.000 min
 Lab File: VU055477.D
 Acq: 22 Sep 2023 22:18

Tgt Ion: 50 Resp: 124473
 Ion Ratio Lower Upper
 50 100
 52 33.7 22.9 42.5

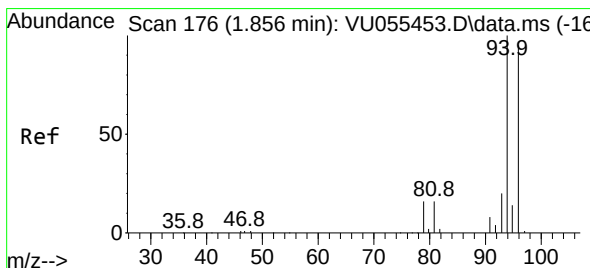
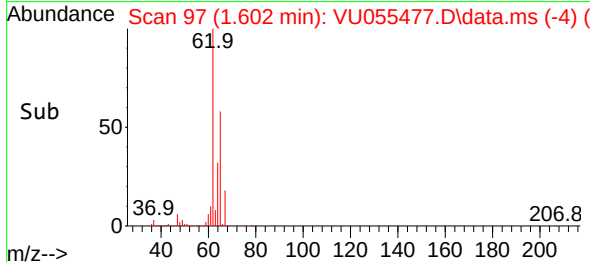
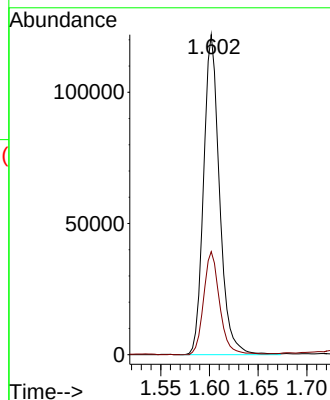
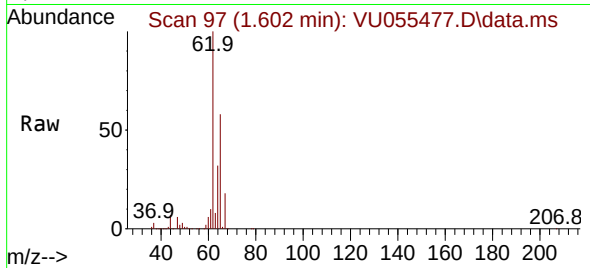




#5
 Vinyl chloride
 Concen: 4.908 ug/L
 RT: 1.602 min Scan# 91
 Delta R.T. -0.000 min
 Lab File: VU055477.D
 Acq: 22 Sep 2023 22:18

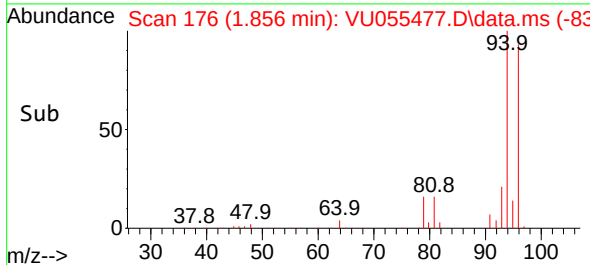
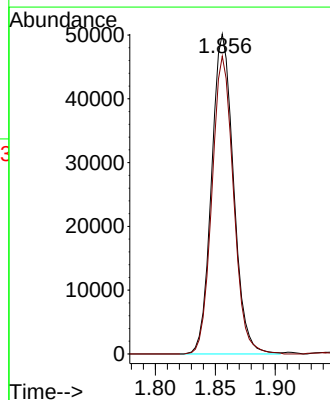
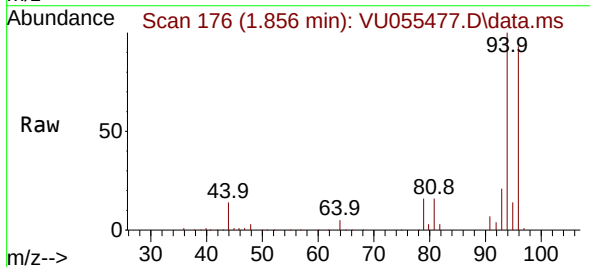
Instrument :
 MSVOA_U
 ClientSampleId :
 EYJ00MSD

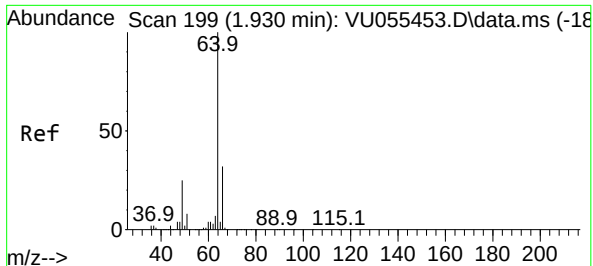
Tgt Ion: 62 Resp: 139062
 Ion Ratio Lower Upper
 62 100
 64 32.2 22.3 41.5



#6
 Bromomethane
 Concen: 3.547 ug/L
 RT: 1.856 min Scan# 176
 Delta R.T. -0.000 min
 Lab File: VU055477.D
 Acq: 22 Sep 2023 22:18

Tgt Ion: 94 Resp: 63837
 Ion Ratio Lower Upper
 94 100
 96 93.1 66.4 123.2





#8

Chloroethane

Concen: 5.023 ug/L

RT: 1.933 min Scan# 200

Delta R.T. 0.003 min

Lab File: VU055477.D

Acq: 22 Sep 2023 22:18

Instrument :

MSVOA_U

ClientSampleId :

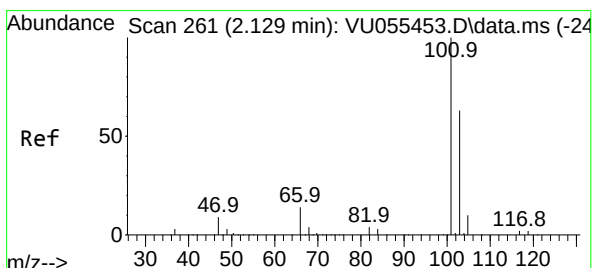
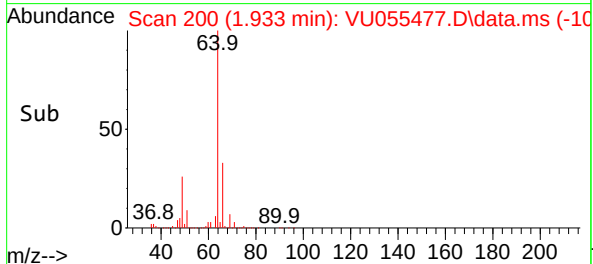
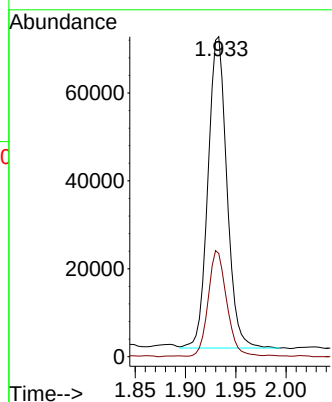
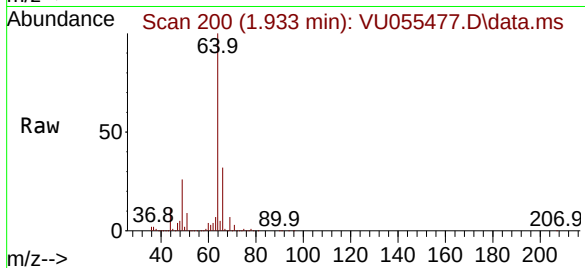
EYJ00MSD

Tgt Ion: 64 Resp: 92864

Ion Ratio Lower Upper

64 100

66 32.3 23.7 44.1



#9

Trichlorofluoromethane

Concen: 4.920 ug/L

RT: 2.136 min Scan# 263

Delta R.T. 0.006 min

Lab File: VU055477.D

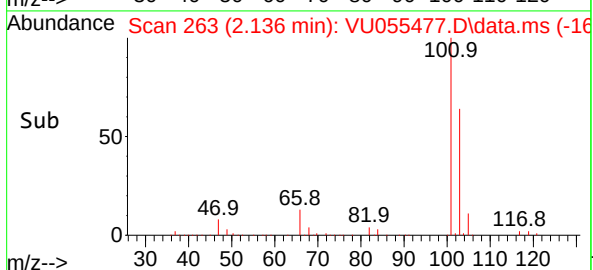
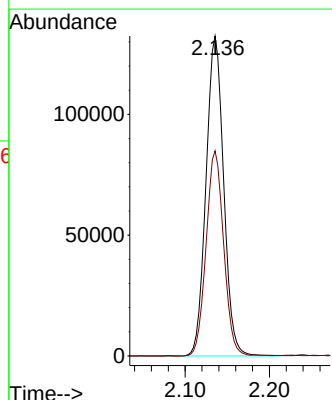
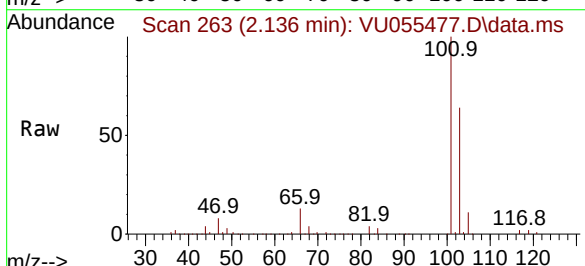
Acq: 22 Sep 2023 22:18

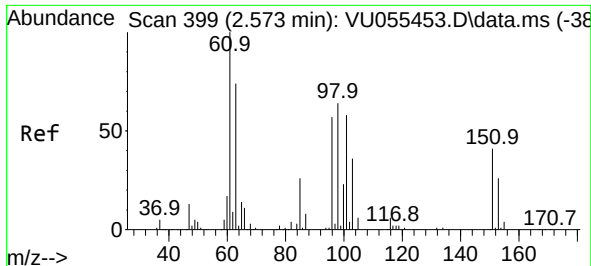
Tgt Ion: 101 Resp: 193295

Ion Ratio Lower Upper

101 100

103 63.9 52.0 78.0





#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 4.808 ug/L

RT: 2.579 min Scan# 401

Delta R.T. 0.006 min

Lab File: VU055477.D

Acq: 22 Sep 2023 22:18

Instrument :

MSVOA_U

ClientSampleId :

EYJ00MSD

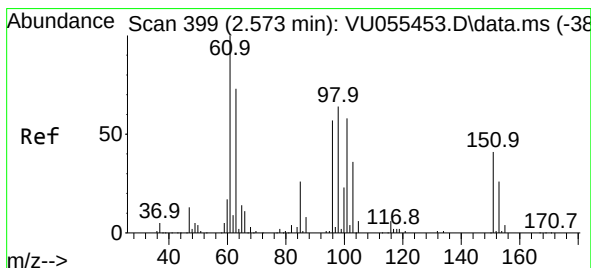
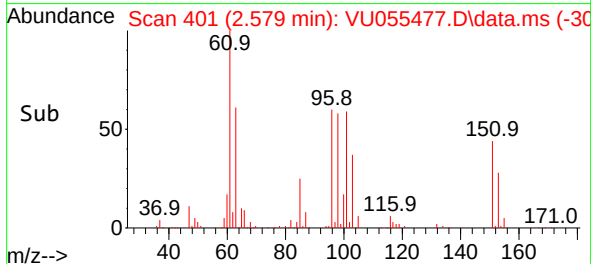
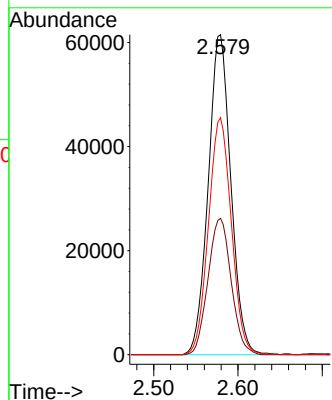
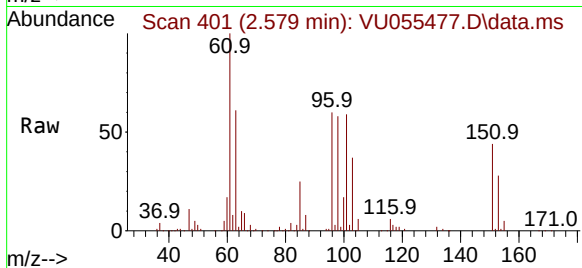
Tgt Ion:101 Resp: 114954

Ion Ratio Lower Upper

101 100

85 43.5 35.8 53.6

151 74.8 58.2 87.4



#12

1,1-Dichloroethene

Concen: 4.967 ug/L

RT: 2.576 min Scan# 400

Delta R.T. 0.003 min

Lab File: VU055477.D

Acq: 22 Sep 2023 22:18

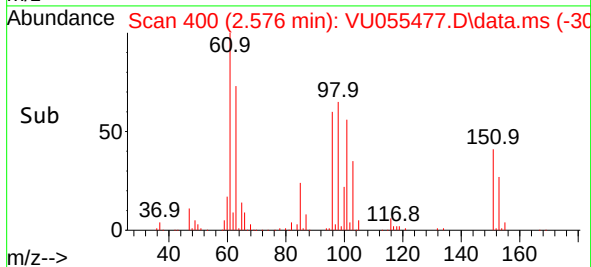
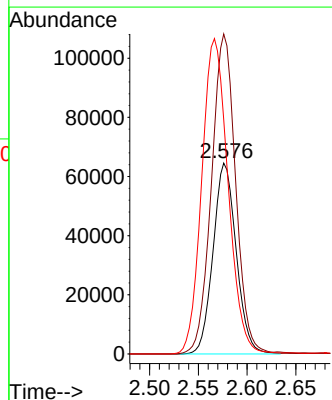
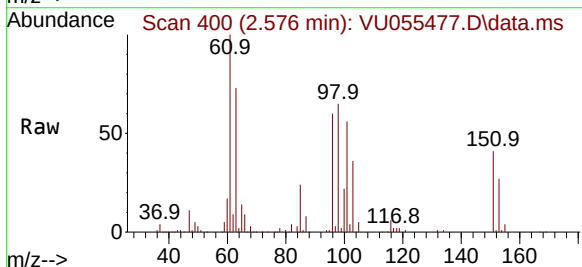
Tgt Ion: 96 Resp: 106477

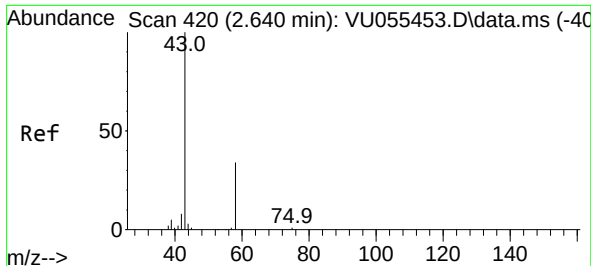
Ion Ratio Lower Upper

96 100

61 167.7 114.5 212.7

63 122.8 98.3 182.5





#13

Acetone

Concen: 45.972 ug/L

RT: 2.640 min Scan# 41

Delta R.T. -0.000 min

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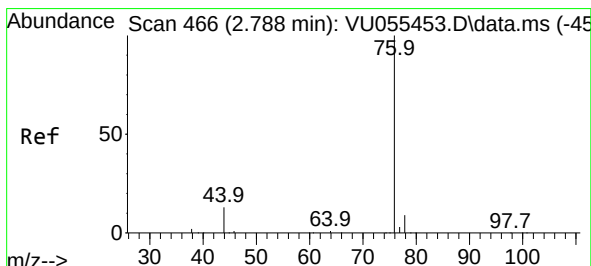
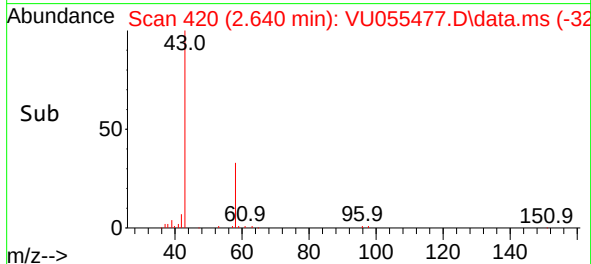
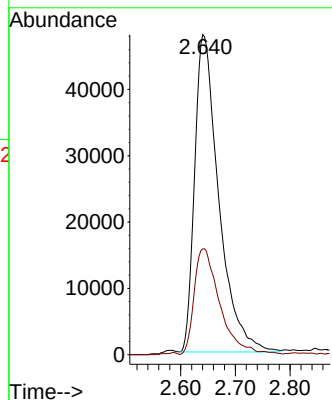
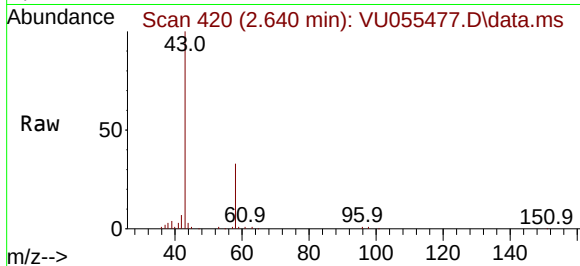
EYJ00MSD

Tgt Ion: 43 Resp: 146689

Ion Ratio Lower Upper

43 100

58 35.1 0.0 72.2



#14

Carbon disulfide

Concen: 5.128 ug/L

RT: 2.791 min Scan# 467

Delta R.T. 0.003 min

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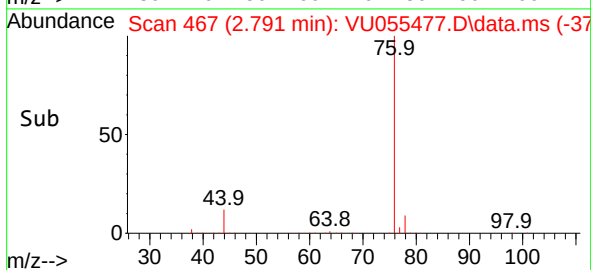
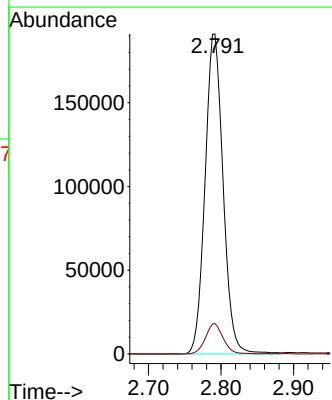
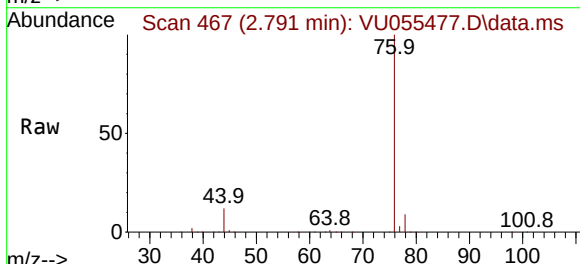
Acq: 22 Sep 2023 22:18

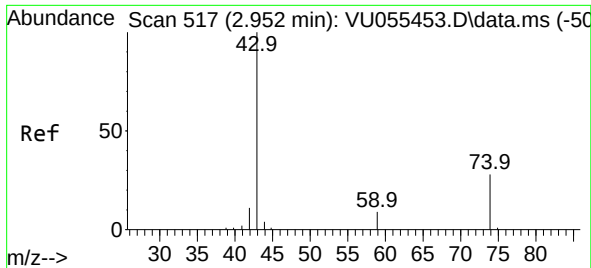
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Ion Ratio Lower Upper

76 100

78 9.5 7.7 11.5

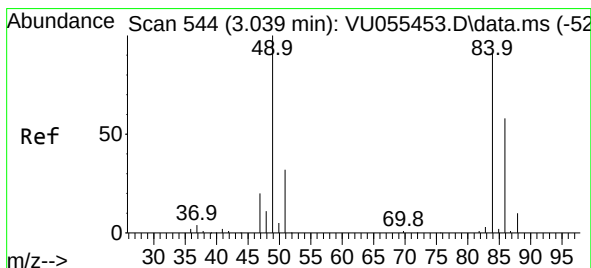
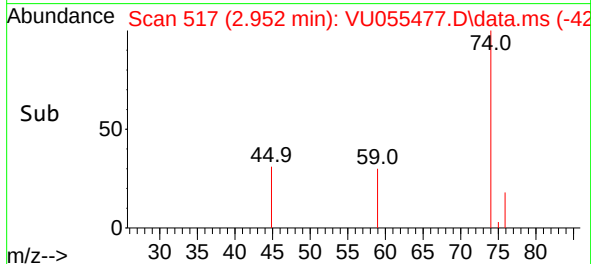
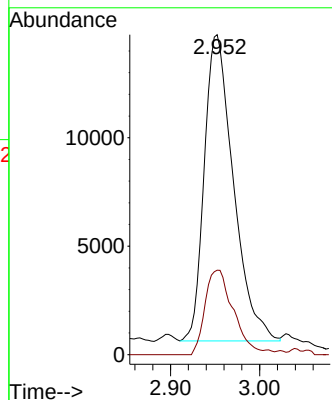
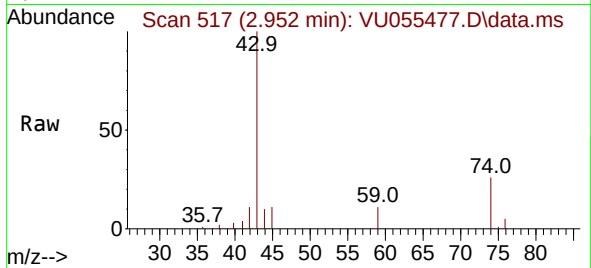




#15
Methyl Acetate
Concen: 4.412 ug/L
RT: 2.952 min Scan# 517
Delta R.T. -0.000 min
Lab File: VU055477.D
Acq: 22 Sep 2023 22:18

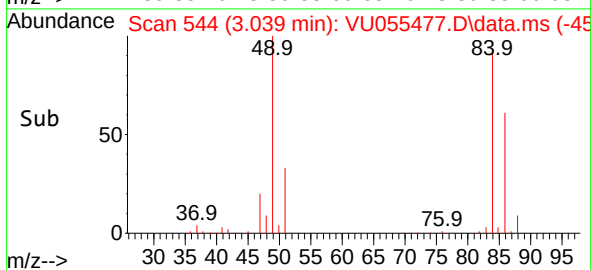
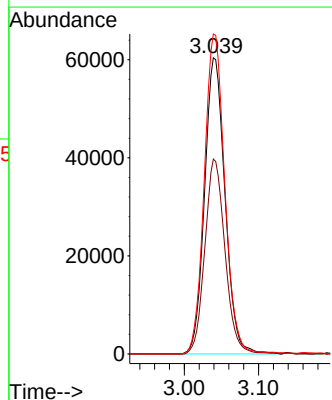
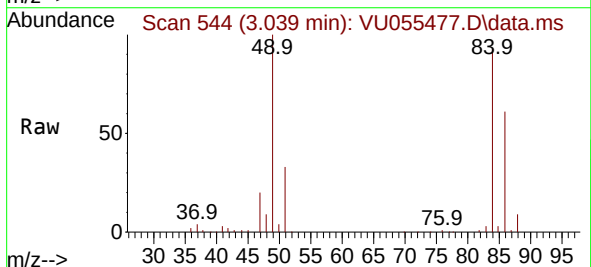
Instrument :
MSVOA_U
ClientSampleId :
EYJ00MSD

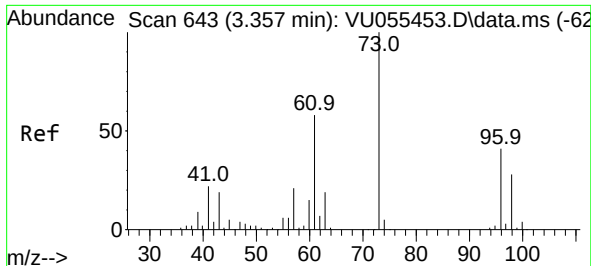
Tgt Ion: 43 Resp: 32094
Ion Ratio Lower Upper
43 100
74 26.6 22.3 33.5



#16
Methylene chloride
Concen: 4.487 ug/L
RT: 3.039 min Scan# 544
Delta R.T. -0.000 min
Lab File: VU055477.D
Acq: 22 Sep 2023 22:18

Tgt Ion: 84 Resp: 115252
Ion Ratio Lower Upper
84 100
86 65.8 44.9 83.3
49 108.1 78.8 146.3

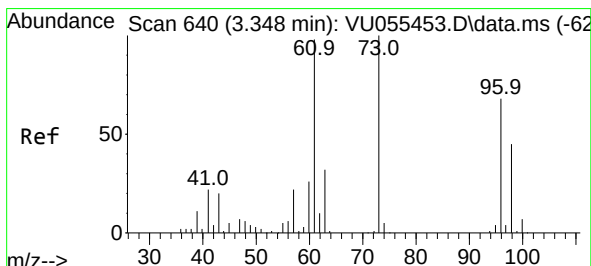
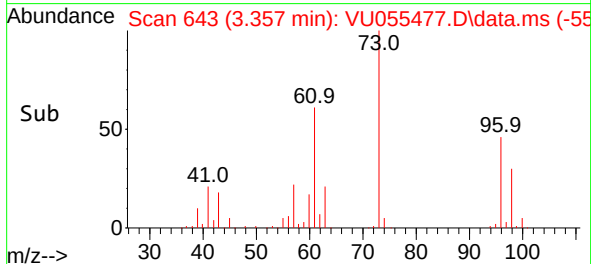
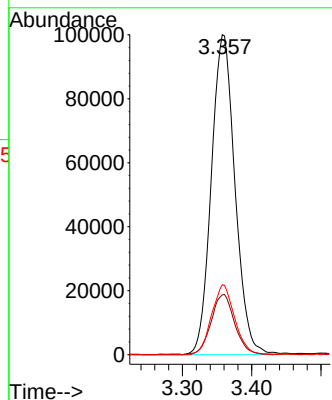
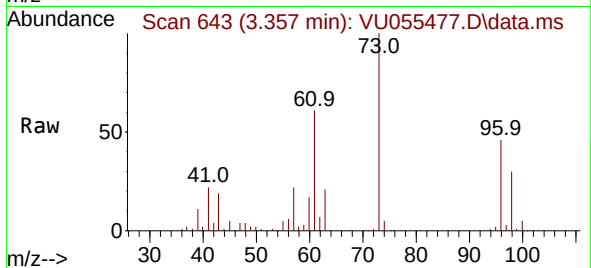




#17
Methyl tert-butyl Ether
Concen: 5.105 ug/L
RT: 3.357 min Scan# 641
Delta R.T. -0.000 min
Lab File: VU055477.D
Acq: 22 Sep 2023 22:18

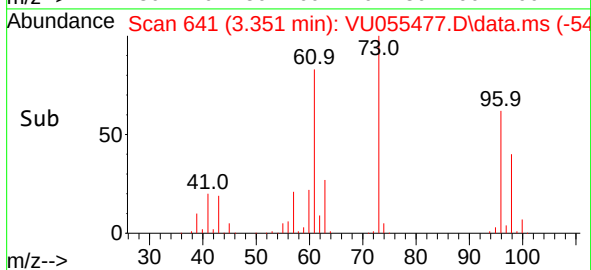
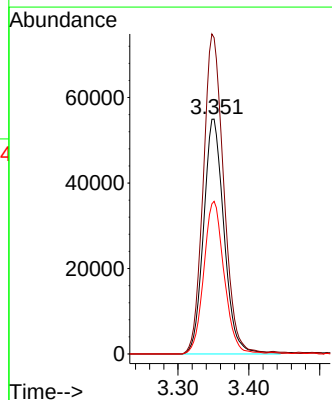
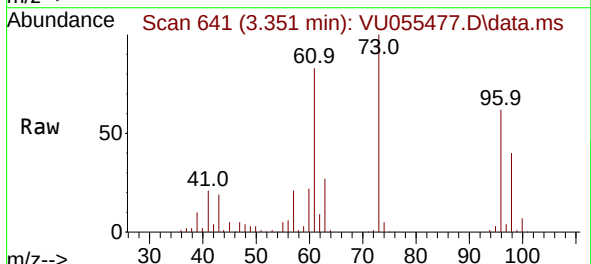
Instrument :
MSVOA_U
ClientSampleId :
EYJ00MSD

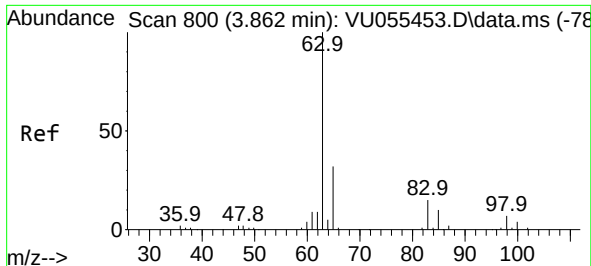
Tgt Ion: 73 Resp: 237414
Ion Ratio Lower Upper
73 100
43 18.9 14.9 22.3
57 21.1 17.3 25.9



#18
trans-1,2-Dichloroethene
Concen: 5.088 ug/L
RT: 3.351 min Scan# 641
Delta R.T. 0.003 min
Lab File: VU055477.D
Acq: 22 Sep 2023 22:18

Tgt Ion: 96 Resp: 109940
Ion Ratio Lower Upper
96 100
61 134.6 94.6 175.6
98 65.0 45.7 84.9





#19

1,1-Dichloroethane

Concen: 5.108 ug/L

RT: 3.865 min Scan# 800

Delta R.T. 0.003 min

Lab File: VU055477.D

Acq: 22 Sep 2023 22:18

Instrument :

MSVOA_U

ClientSampleId :

EYJ00MSD

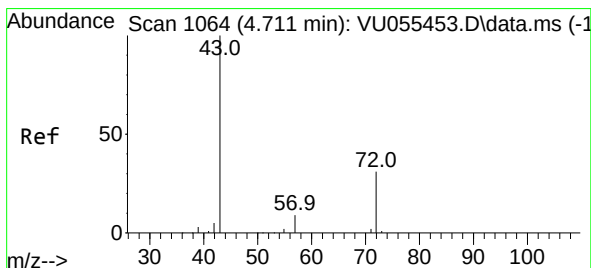
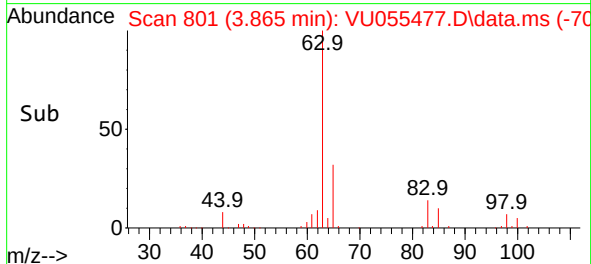
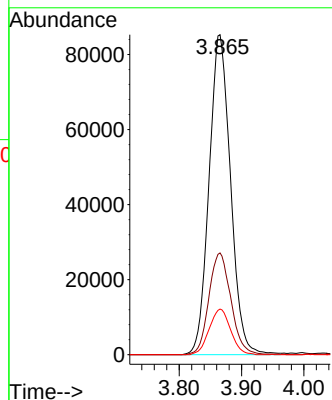
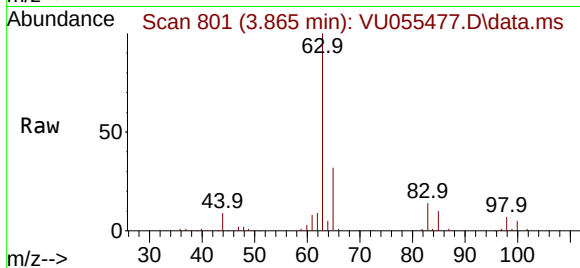
Tgt Ion: 63 Resp: 204134

Ion Ratio Lower Upper

63 100

65 31.8 22.0 41.0

83 14.3 10.1 18.9



#21

2-Butanone

Concen: 50.701 ug/L

RT: 4.708 min Scan# 1063

Delta R.T. -0.003 min

Lab File: VU055477.D

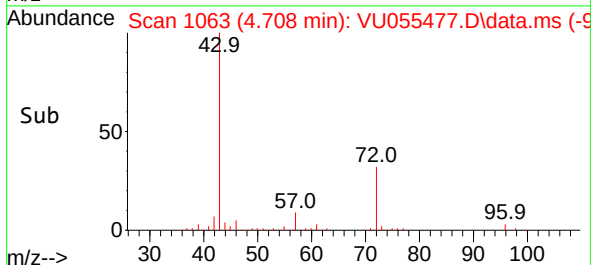
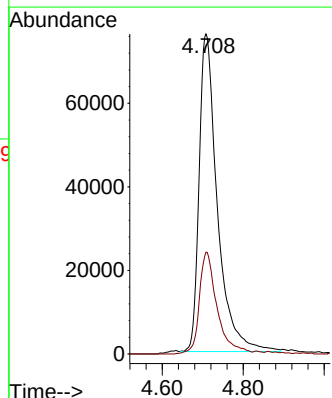
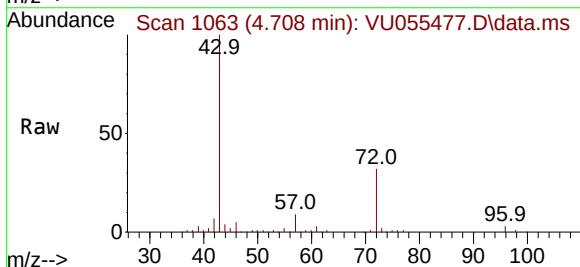
Acq: 22 Sep 2023 22:18

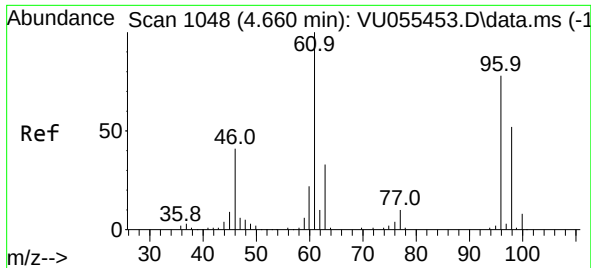
Tgt Ion: 43 Resp: 237279

Ion Ratio Lower Upper

43 100

72 31.2 15.1 45.3

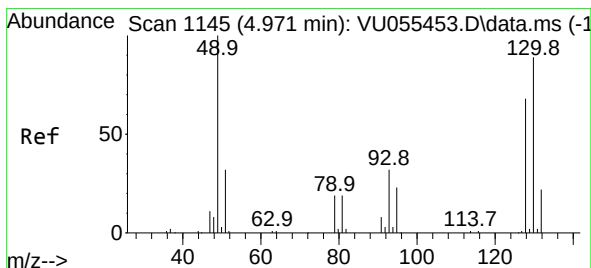
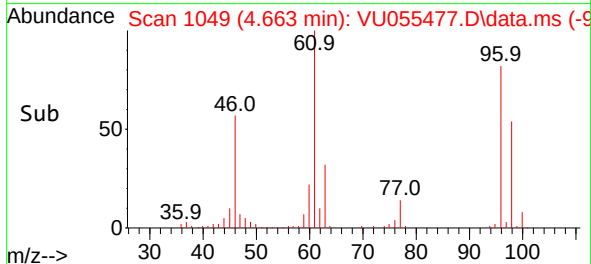
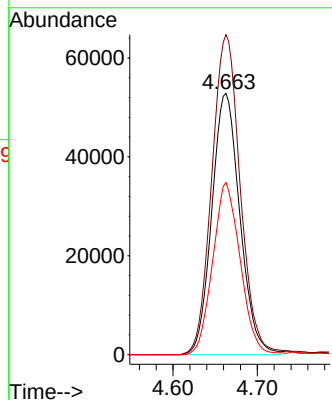
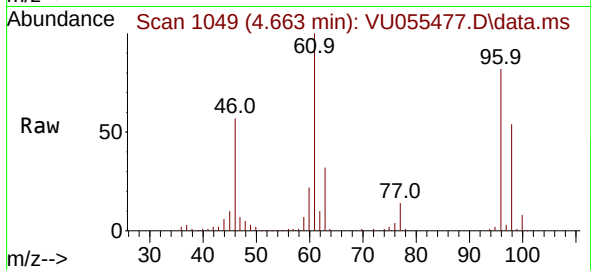




#22
 cis-1,2-Dichloroethene
 Concen: 4.884 ug/L
 RT: 4.663 min Scan# 1048
 Delta R.T. 0.003 min
 Lab File: VU055477.D
 Acq: 22 Sep 2023 22:18

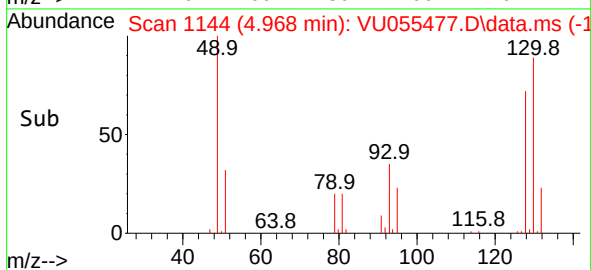
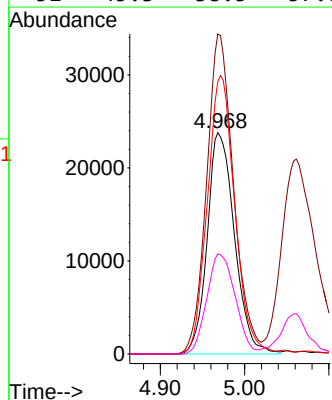
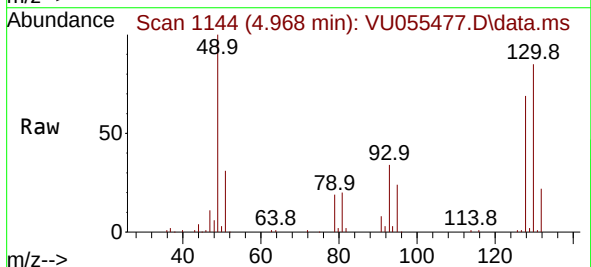
Instrument :
 MSVOA_U
 ClientSampleId :
 EYJ00MSD

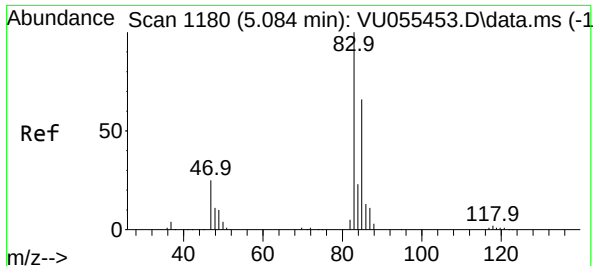
Tgt Ion: 96 Resp: 122366
 Ion Ratio Lower Upper
 96 100
 61 122.5 87.8 163.2
 98 65.9 44.4 82.4



#23
 Bromochloromethane
 Concen: 5.045 ug/L
 RT: 4.968 min Scan# 1144
 Delta R.T. -0.003 min
 Lab File: VU055477.D
 Acq: 22 Sep 2023 22:18

Tgt Ion: 128 Resp: 53426
 Ion Ratio Lower Upper
 128 100
 49 144.6 102.8 191.0
 130 123.2 89.9 166.9
 51 45.3 38.5 57.7





#25

Chloroform

Concen: 5.104 ug/L

RT: 5.084 min Scan# 1180

Delta R.T. -0.000 min

Lab File: VU055477.D

Acq: 22 Sep 2023 22:18

Instrument :

MSVOA_U

ClientSampleId :

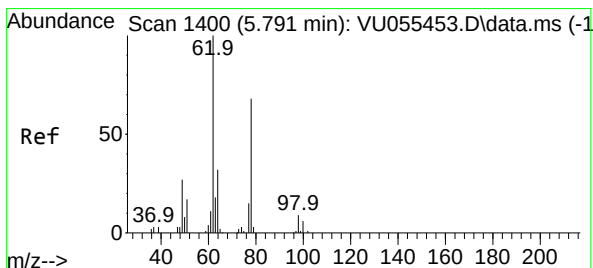
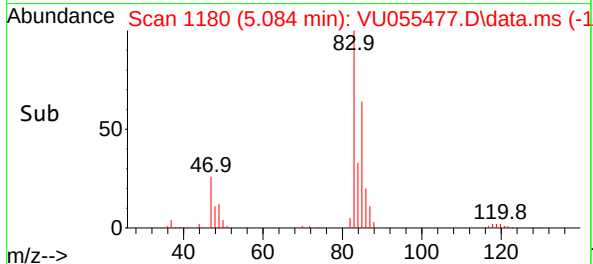
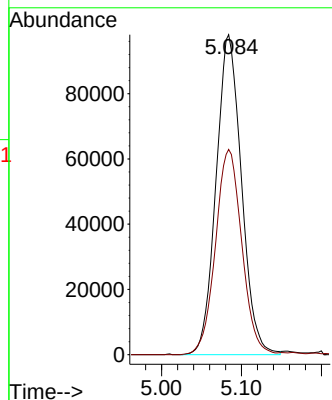
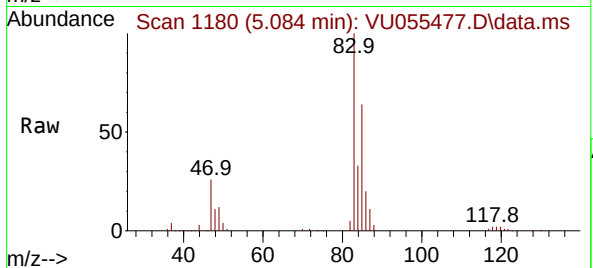
EYJ00MSD

Tgt Ion: 83 Resp: 215960

Ion Ratio Lower Upper

83 100

85 64.2 44.9 83.5



#27

1,2-Dichloroethane

Concen: 14.848 ug/L

RT: 5.788 min Scan# 1399

Delta R.T. -0.003 min

Lab File: VU055477.D

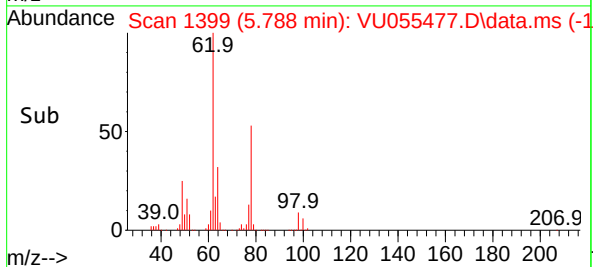
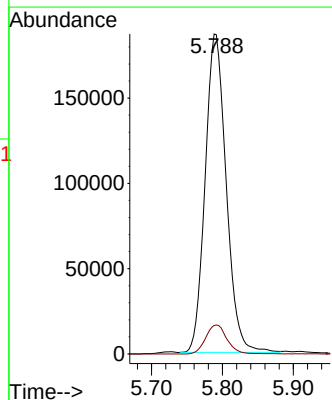
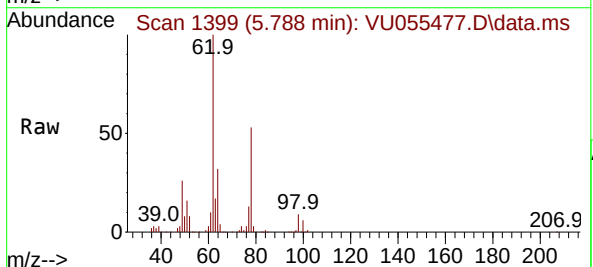
Acq: 22 Sep 2023 22:18

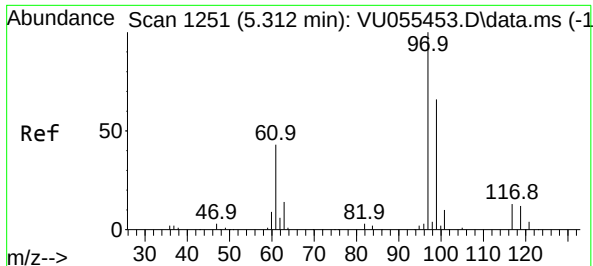
Tgt Ion: 62 Resp: 385299

Ion Ratio Lower Upper

62 100

98 8.9 7.0 10.4





#29

1,1,1-Trichloroethane

Concen: 5.335 ug/L

RT: 5.312 min Scan# 1

Delta R.T. -0.000 min

Lab File: VU055477.D

Acq: 22 Sep 2023 22:18

Instrument :

MSVOA_U

ClientSampleId :

EYJ00MSD

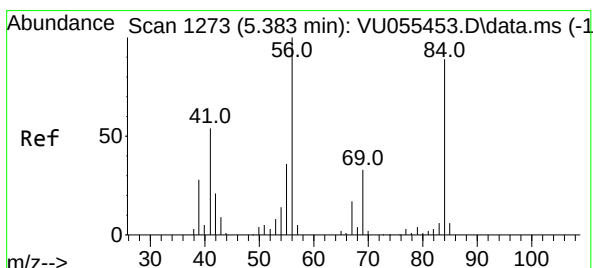
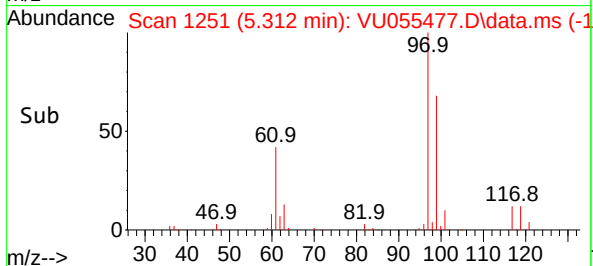
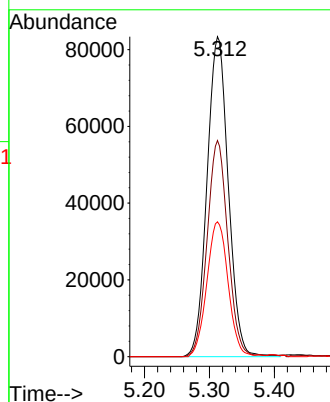
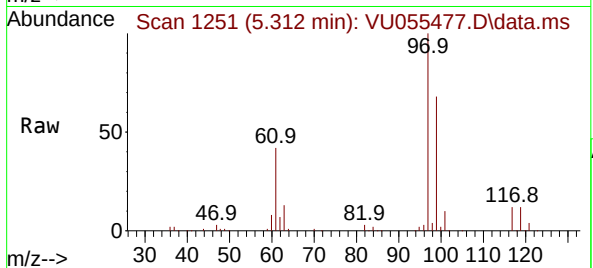
Tgt Ion: 97 Resp: 189667

Ion Ratio Lower Upper

97 100

99 65.9 50.7 76.1

61 42.2 34.6 51.8



#30

Cyclohexane

Concen: 5.053 ug/L

RT: 5.386 min Scan# 1274

Delta R.T. 0.003 min

Lab File: VU055477.D

Acq: 22 Sep 2023 22:18

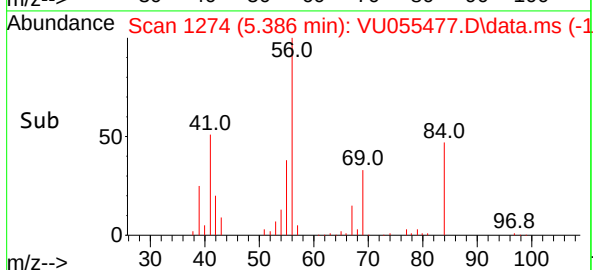
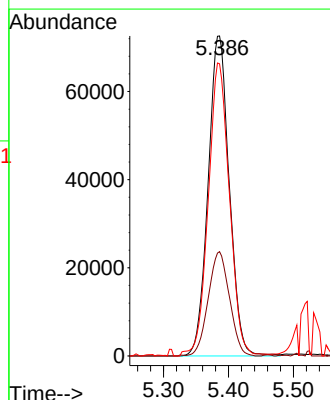
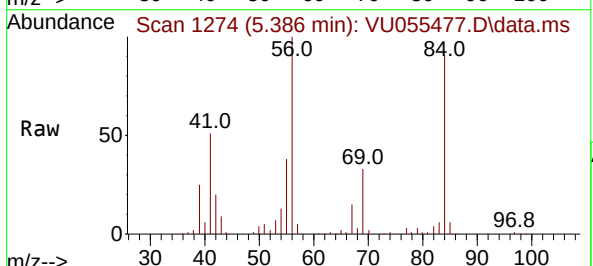
Tgt Ion: 56 Resp: 164454

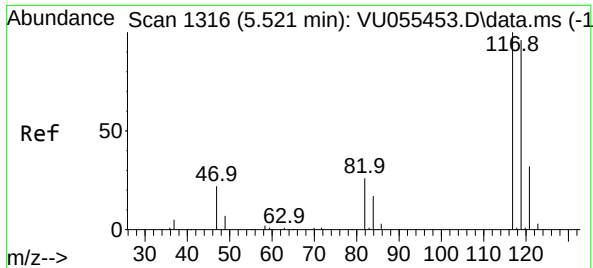
Ion Ratio Lower Upper

56 100

69 32.7 26.5 39.7

84 91.6 72.6 108.8

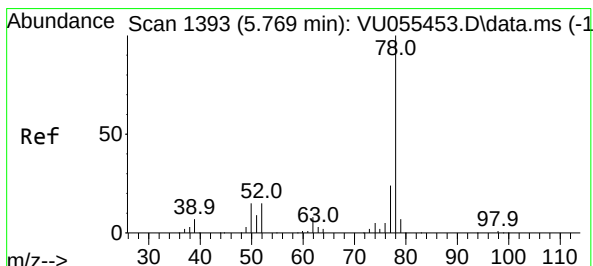
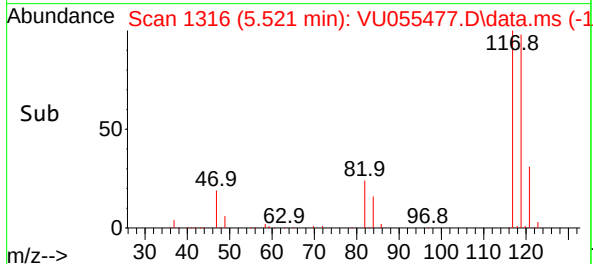
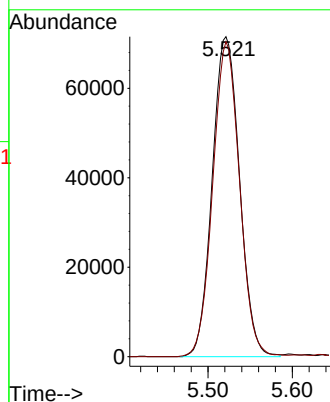
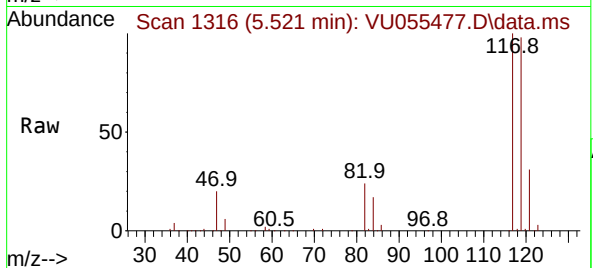




#31
Carbon tetrachloride
Concen: 5.285 ug/L
RT: 5.521 min Scan# 117
Delta R.T. -0.000 min
Lab File: VU055477.D
Acq: 22 Sep 2023 22:18

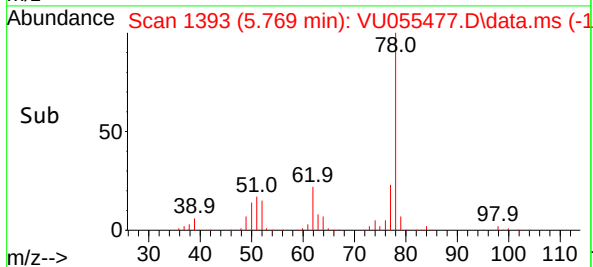
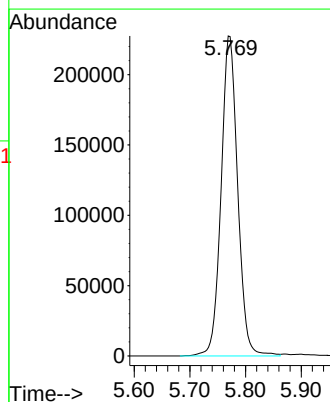
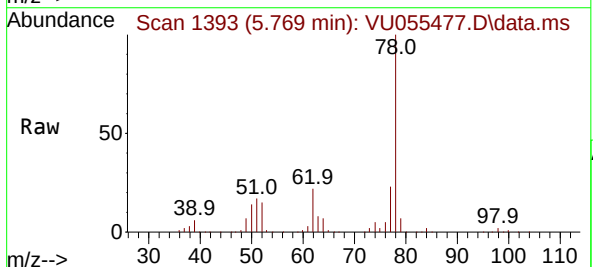
Instrument :
MSVOA_U
ClientSampleId :
EYJ00MSD

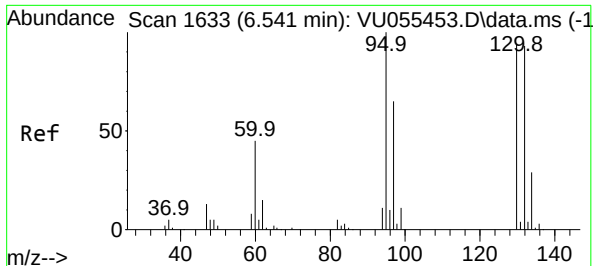
Tgt Ion:117 Resp: 161054
Ion Ratio Lower Upper
117 100
119 96.3 75.2 112.8



#33
Benzene
Concen: 5.246 ug/L
RT: 5.769 min Scan# 1393
Delta R.T. 0.000 min
Lab File: VU055477.D
Acq: 22 Sep 2023 22:18

Tgt Ion: 78 Resp: 470842

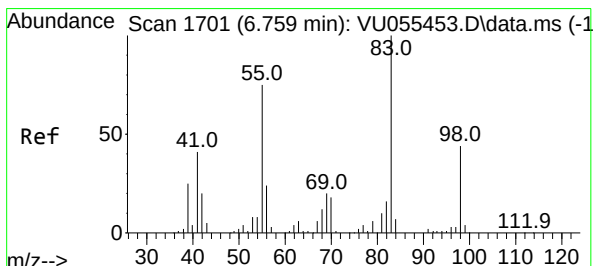
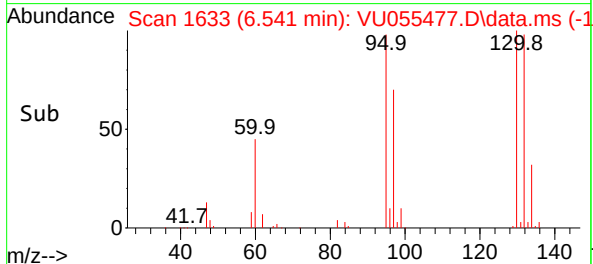
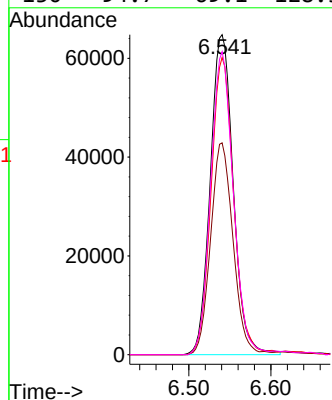
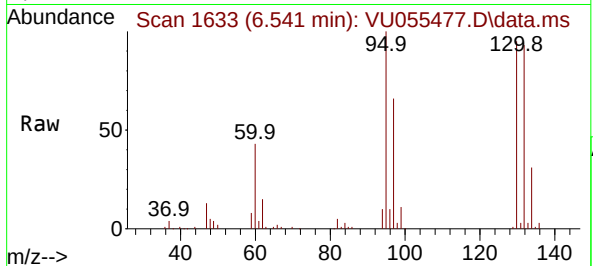




#34
Trichloroethene
Concen: 4.971 ug/L
RT: 6.541 min Scan# 1633
Delta R.T. -0.000 min
Lab File: VU055477.D
Acq: 22 Sep 2023 22:18

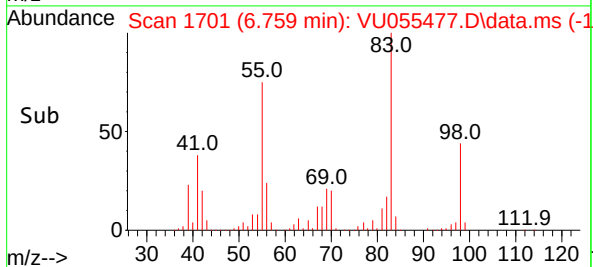
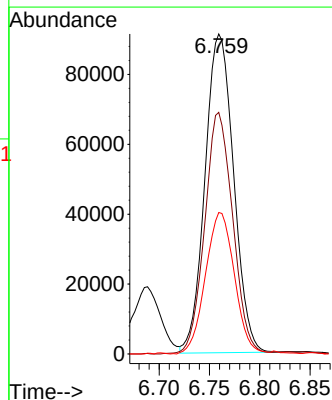
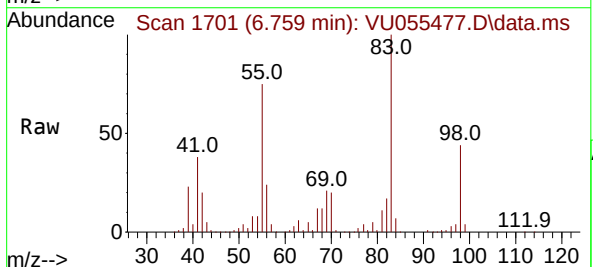
Instrument :
MSVOA_U
ClientSampleId :
EYJ00MSD

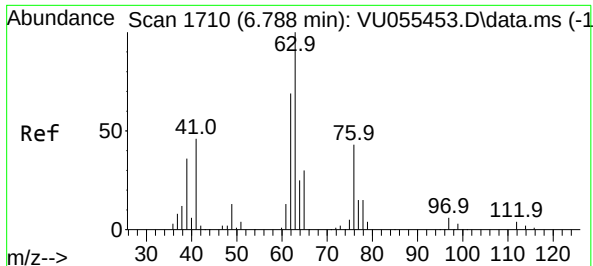
Tgt Ion: 95 Resp: 126201
Ion Ratio Lower Upper
95 100
97 66.2 45.4 84.2
132 92.9 65.2 121.2
130 94.7 69.1 128.3



#35
Methylcyclohexane
Concen: 4.945 ug/L
RT: 6.759 min Scan# 1701
Delta R.T. -0.000 min
Lab File: VU055477.D
Acq: 22 Sep 2023 22:18

Tgt Ion: 83 Resp: 180858
Ion Ratio Lower Upper
83 100
55 74.4 59.1 88.7
98 44.9 36.3 54.5





#37

1,2-Dichloropropane

Concen: 4.977 ug/L

RT: 6.788 min Scan# 11

Delta R.T. 0.000 min

Lab File: VU055477.D

Acq: 22 Sep 2023 22:18

Instrument :

MSVOA_U

ClientSampleId :

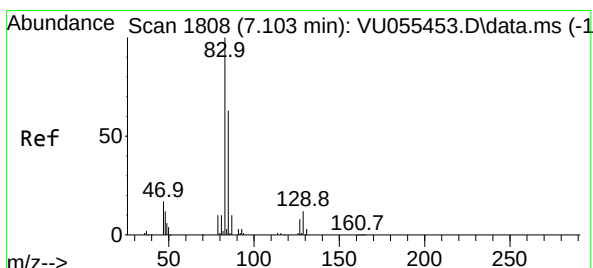
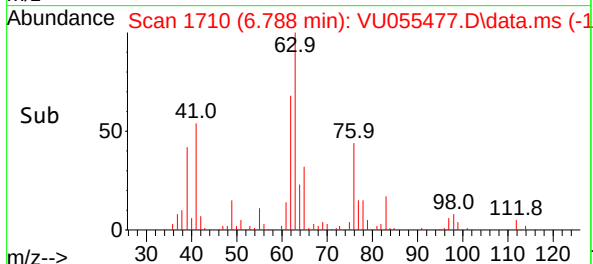
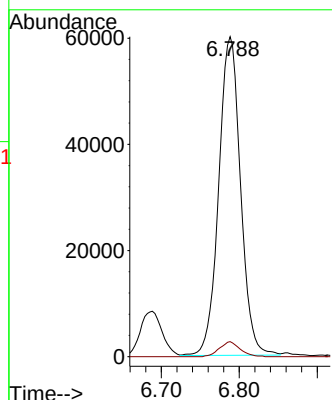
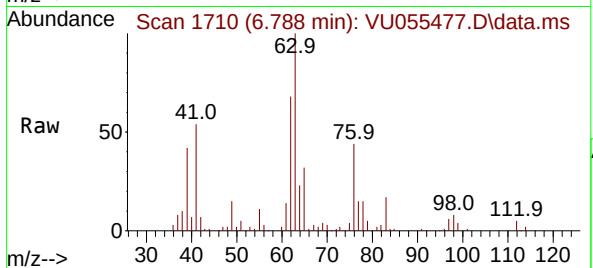
EYJ00MSD

Tgt Ion: 63 Resp: 116839

Ion Ratio Lower Upper

63 100

112 4.4 3.0 4.6



#38

Bromodichloromethane

Concen: 5.356 ug/L

RT: 7.103 min Scan# 1808

Delta R.T. 0.000 min

Lab File: VU055477.D

Acq: 22 Sep 2023 22:18

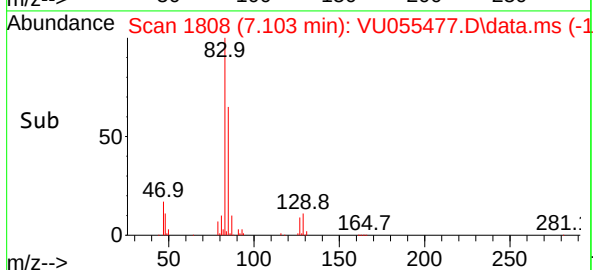
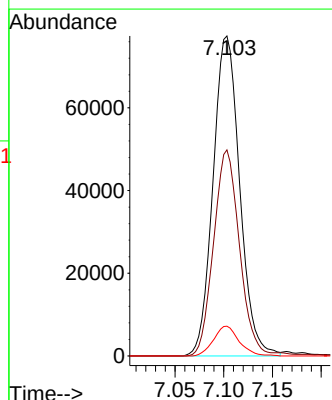
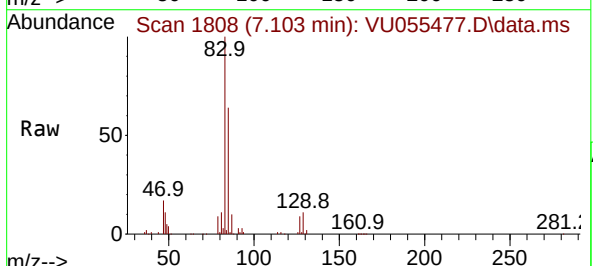
Tgt Ion: 83 Resp: 147332

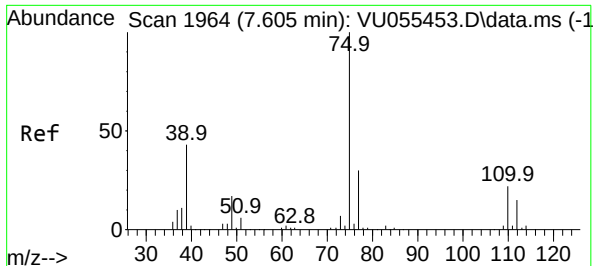
Ion Ratio Lower Upper

83 100

85 64.4 46.8 86.8

127 9.3 7.2 10.8





#39

cis-1,3-Dichloropropene

Concen: 5.235 ug/L

RT: 7.605 min Scan# 1964

Delta R.T. -0.000 min

Lab File: VU055477.D

Acq: 22 Sep 2023 22:18

Instrument :

MSVOA_U

ClientSampleId :

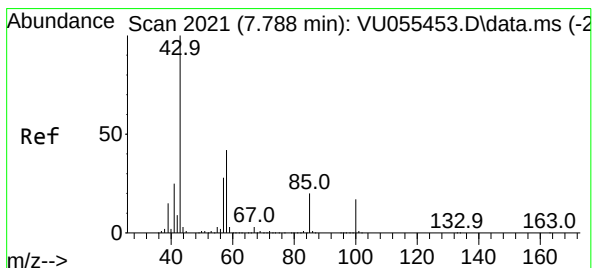
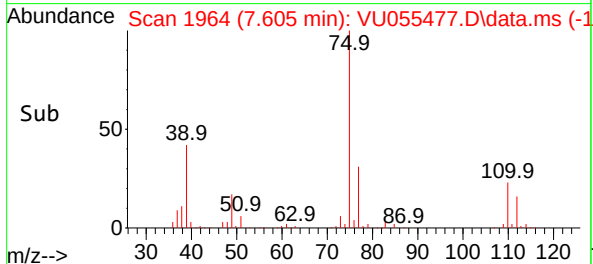
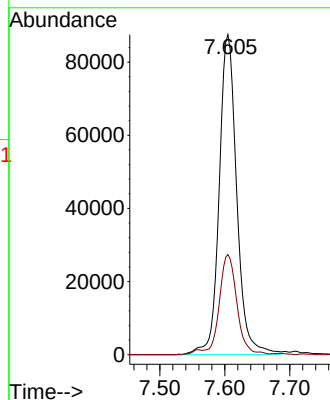
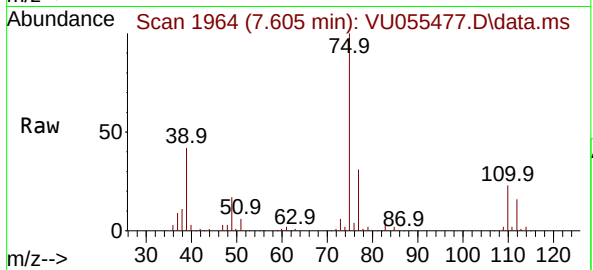
EYJ00MSD

Tgt Ion: 75 Resp: 164010

Ion Ratio Lower Upper

75 100

77 31.3 21.6 40.2



#40

4-Methyl-2-pentanone

Concen: 52.551 ug/L

RT: 7.788 min Scan# 2021

Delta R.T. -0.000 min

Lab File: VU055477.D

Acq: 22 Sep 2023 22:18

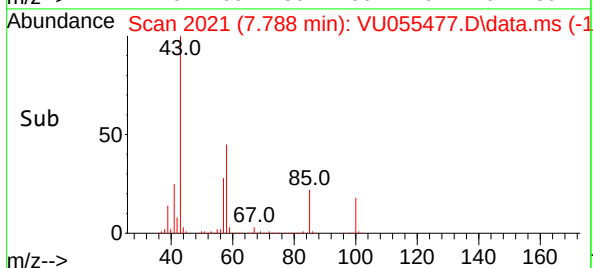
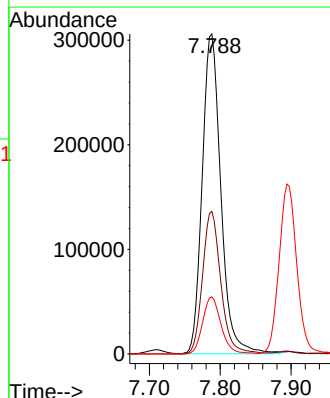
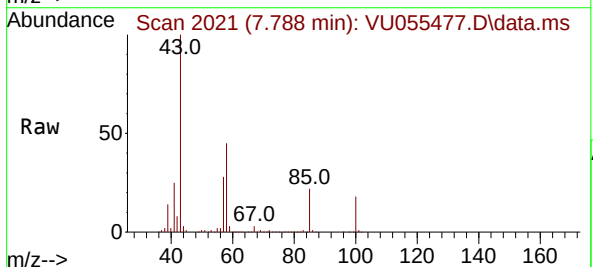
Tgt Ion: 43 Resp: 559587

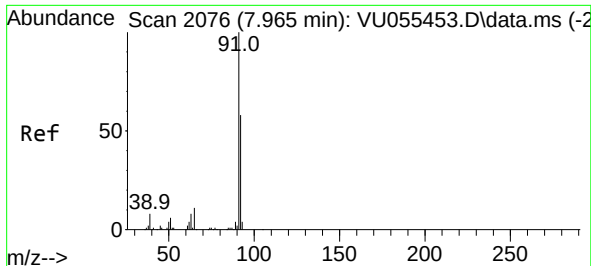
Ion Ratio Lower Upper

43 100

58 43.8 34.2 51.4

100 17.6 13.4 20.0





#42

Toluene

Concen: 5.269 ug/L

RT: 7.965 min Scan# 2076

Delta R.T. -0.000 min

Lab File: VU055477.D

Acq: 22 Sep 2023 22:18

Instrument :

MSVOA_U

ClientSampleId :

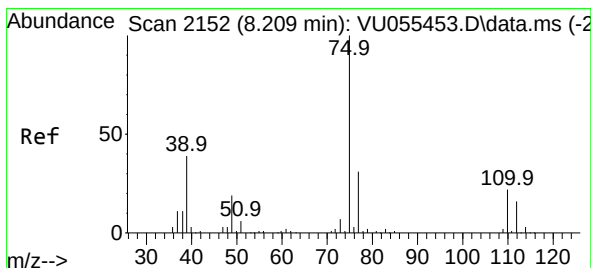
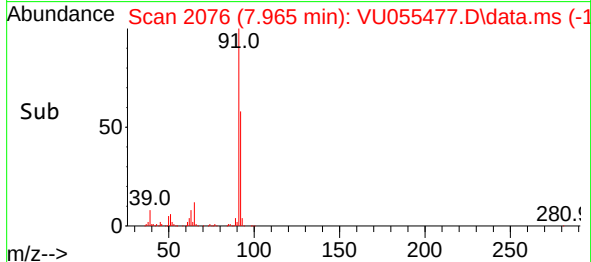
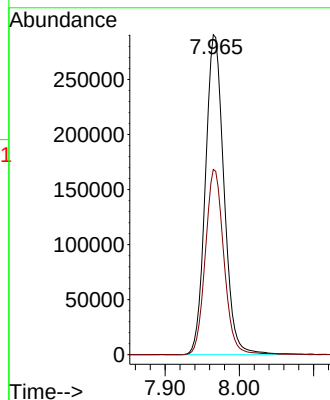
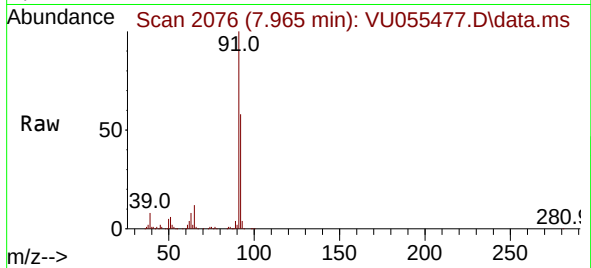
EYJ00MSD

Tgt Ion: 91 Resp: 504488

Ion Ratio Lower Upper

91 100

92 57.9 40.3 74.8



#44

trans-1,3-Dichloropropene

Concen: 5.282 ug/L

RT: 8.209 min Scan# 2152

Delta R.T. 0.000 min

Lab File: VU055477.D

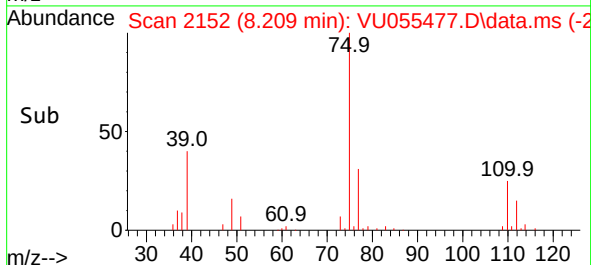
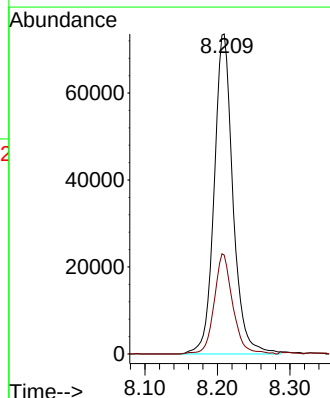
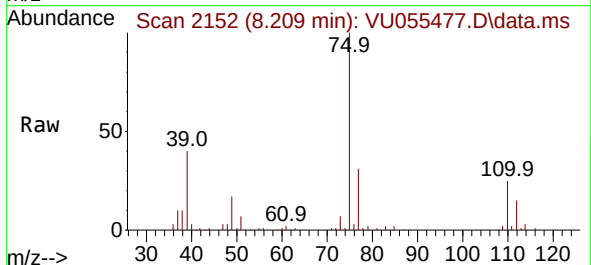
Acq: 22 Sep 2023 22:18

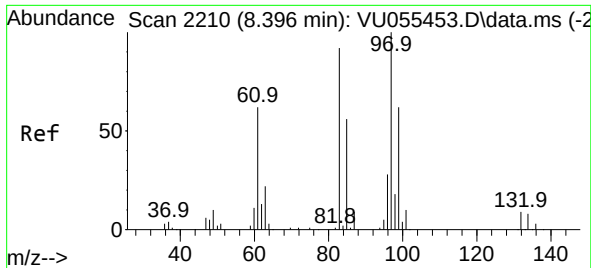
Tgt Ion: 75 Resp: 132403

Ion Ratio Lower Upper

75 100

77 30.9 21.8 40.4

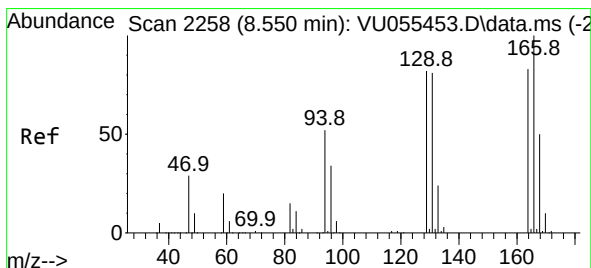
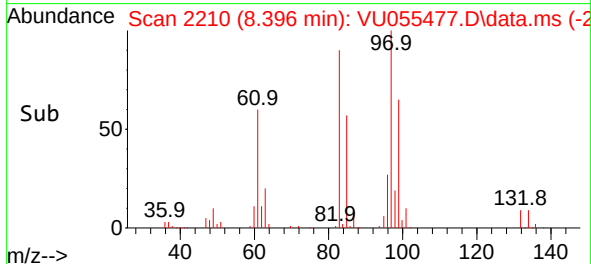
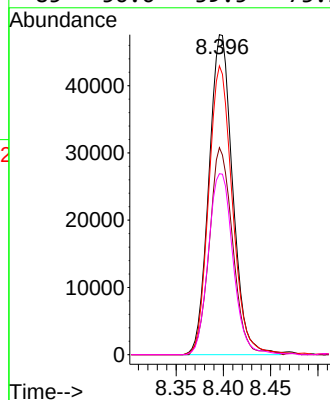
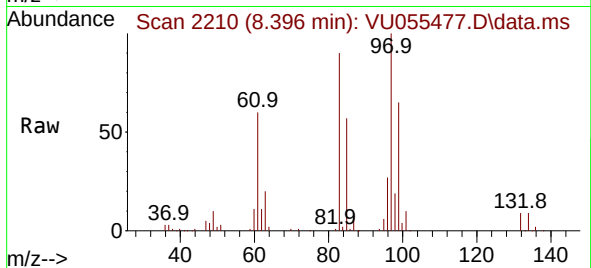




#45
1,1,2-Trichloroethane
Concen: 5.050 ug/L
RT: 8.396 min Scan# 2110
Delta R.T. -0.000 min
Lab File: VU055477.D
Acq: 22 Sep 2023 22:18

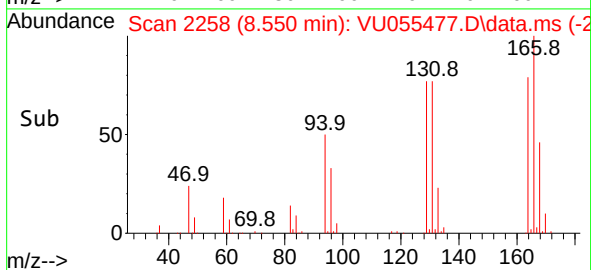
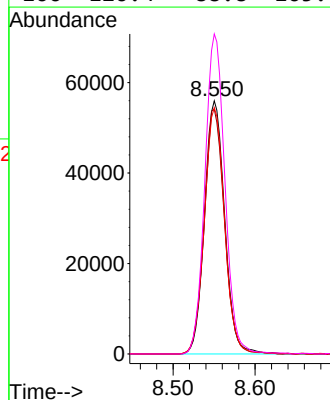
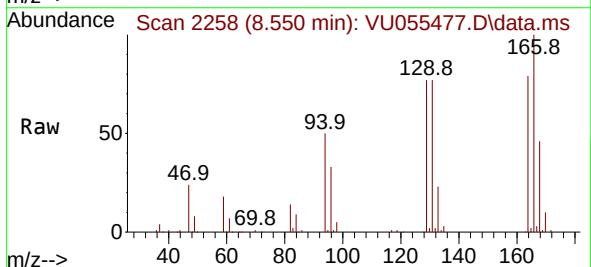
Instrument :
MSVOA_U
ClientSampleId :
EYJ00MSD

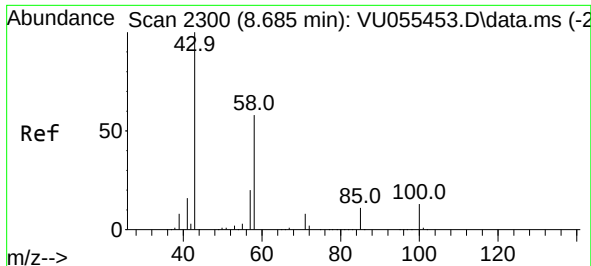
Tgt Ion:	97	Resp:	83112
Ion	Ratio	Lower	Upper
97	100		
99	64.7	44.1	81.9
83	90.2	61.5	114.1
85	56.6	39.5	73.3



#47
Tetrachloroethene
Concen: 5.209 ug/L
RT: 8.550 min Scan# 2258
Delta R.T. -0.000 min
Lab File: VU055477.D
Acq: 22 Sep 2023 22:18

Tgt Ion:	164	Resp:	94878
Ion	Ratio	Lower	Upper
164	100		
129	96.7	67.4	125.2
131	97.3	66.4	123.2
166	126.4	88.8	165.0

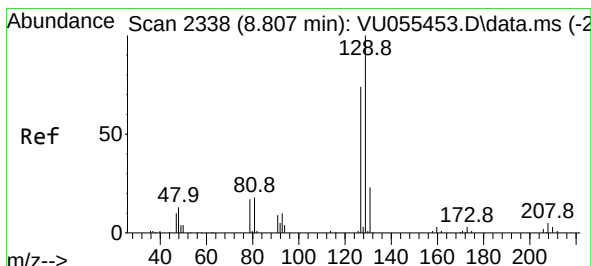
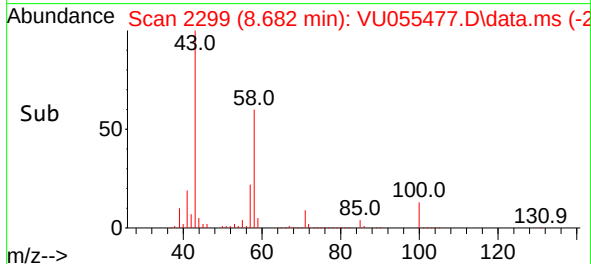
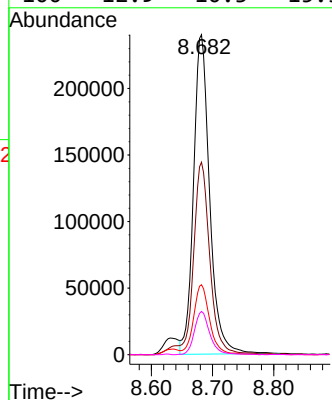
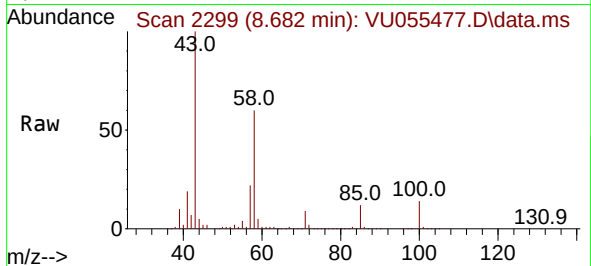




#48
2-Hexanone
Concen: 53.307 ug/L
RT: 8.682 min Scan# 21
Delta R.T. -0.003 min
Lab File: VU055477.D
Acq: 22 Sep 2023 22:18

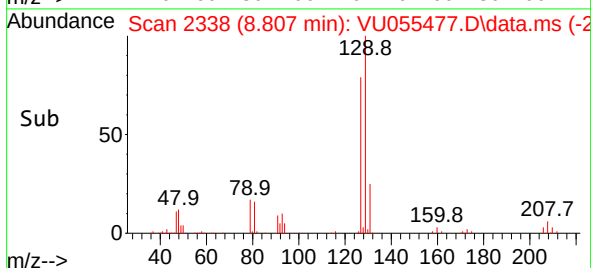
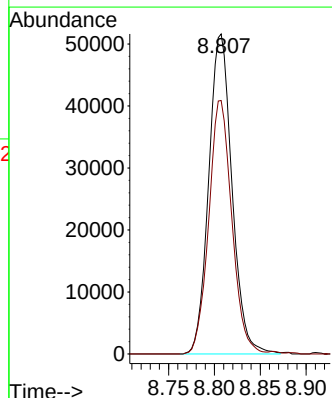
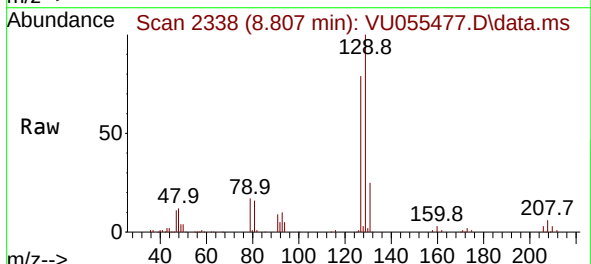
Instrument :
MSVOA_U
ClientSampleId :
EYJ00MSD

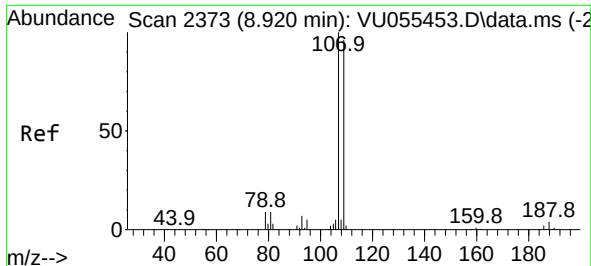
Tgt Ion: 43 Resp: 439922
Ion Ratio Lower Upper
43 100
58 62.2 48.5 72.7
57 22.1 17.0 25.4
100 12.9 10.3 15.5



#49
Dibromochloromethane
Concen: 5.289 ug/L
RT: 8.807 min Scan# 2338
Delta R.T. -0.000 min
Lab File: VU055477.D
Acq: 22 Sep 2023 22:18

Tgt Ion: 129 Resp: 91252
Ion Ratio Lower Upper
129 100
127 79.2 56.8 105.6





#50

1,2-Dibromoethane

Concen: 5.320 ug/L

RT: 8.920 min Scan# 21

Delta R.T. 0.000 min

Lab File: VU055477.D

Acq: 22 Sep 2023 22:18

Instrument :

MSVOA_U

ClientSampleId :

EYJ00MSD

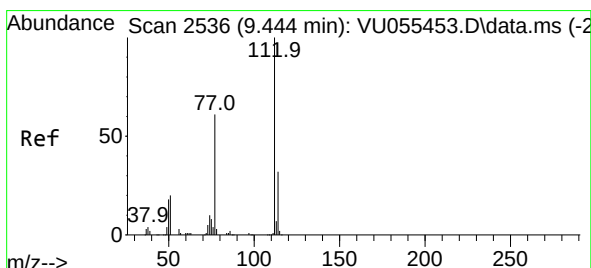
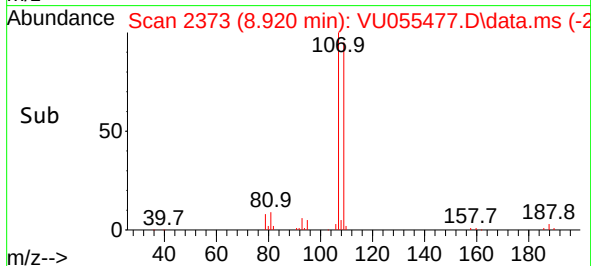
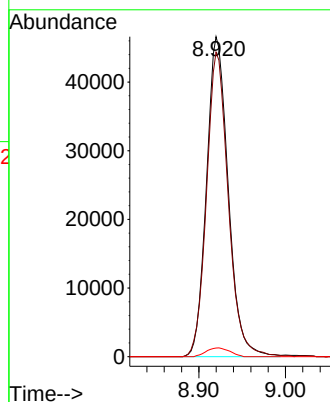
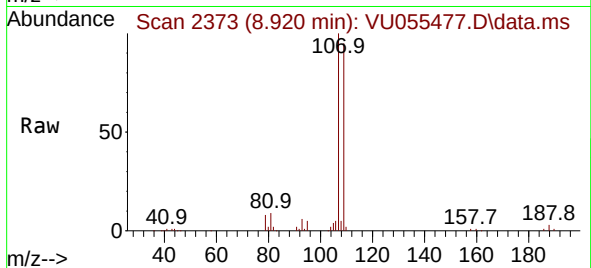
Tgt Ion:107 Resp: 81268

Ion Ratio Lower Upper

107 100

109 95.1 66.1 122.8

188 2.7 3.2 4.8#



#51

Chlorobenzene

Concen: 5.133 ug/L

RT: 9.444 min Scan# 2536

Delta R.T. -0.000 min

Lab File: VU055477.D

Acq: 22 Sep 2023 22:18

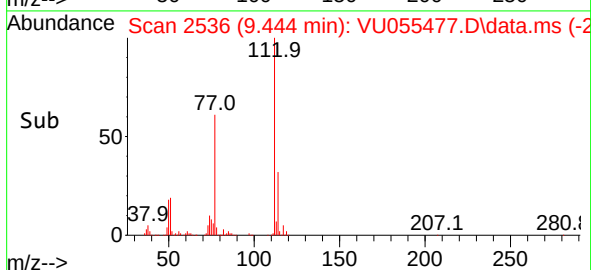
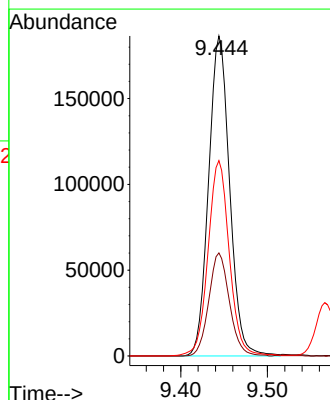
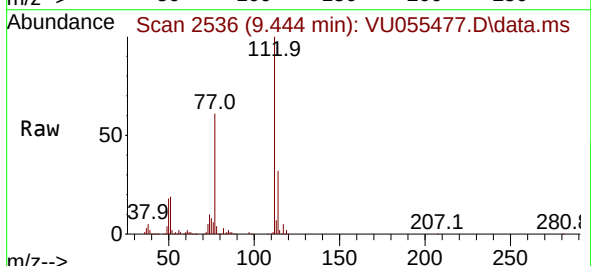
Tgt Ion:112 Resp: 314780

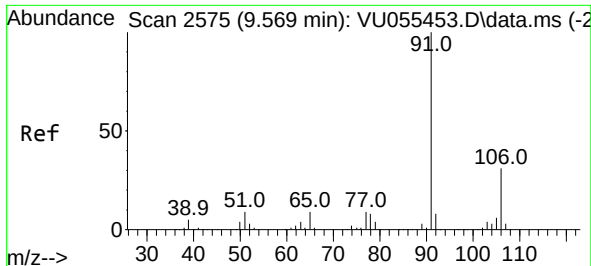
Ion Ratio Lower Upper

112 100

114 32.2 22.0 40.8

77 61.0 46.9 70.3

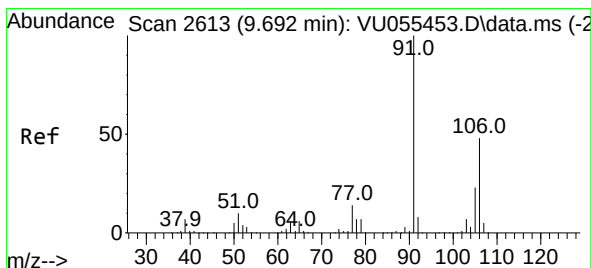
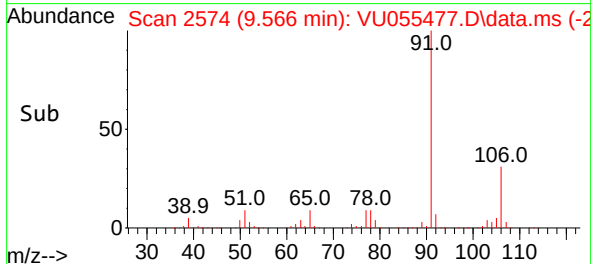
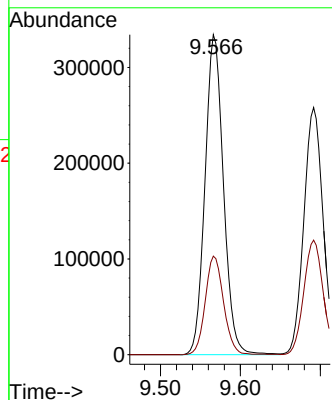
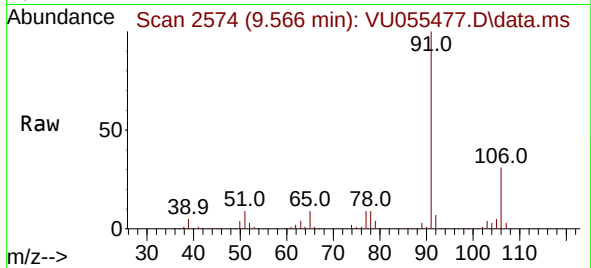




#52
Ethylbenzene
Concen: 5.232 ug/L
RT: 9.566 min Scan# 21
Delta R.T. -0.003 min
Lab File: VU055477.D
Acq: 22 Sep 2023 22:18

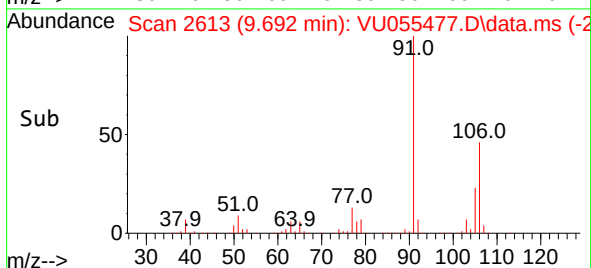
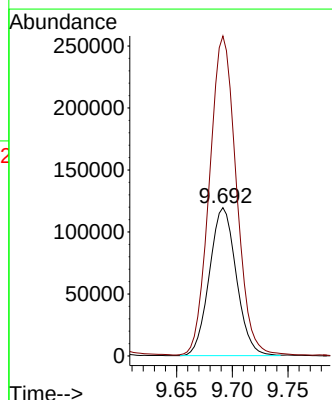
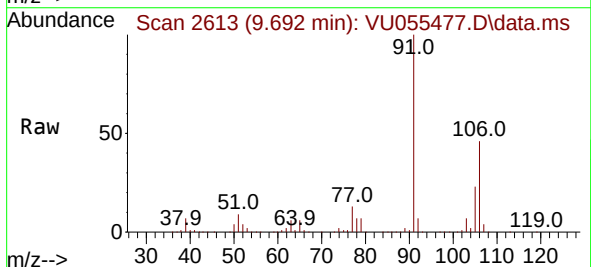
Instrument :
MSVOA_U
ClientSampleId :
EYJ00MSD

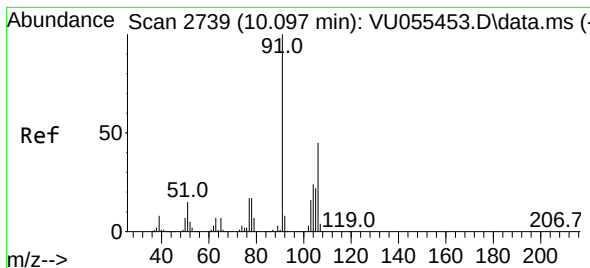
Tgt Ion: 91 Resp: 536985
Ion Ratio Lower Upper
91 100
106 30.8 22.4 41.6



#53
m,p-Xylene
Concen: 5.220 ug/L
RT: 9.692 min Scan# 2613
Delta R.T. -0.000 min
Lab File: VU055477.D
Acq: 22 Sep 2023 22:18

Tgt Ion:106 Resp: 200789
Ion Ratio Lower Upper
106 100
91 215.8 144.8 269.0





#54

o-Xylene

Concen: 5.332 ug/L

RT: 10.097 min Scan# 21

Delta R.T. 0.000 min

Lab File: VU055477.D

Acq: 22 Sep 2023 22:18

Instrument :

MSVOA_U

ClientSampleId :

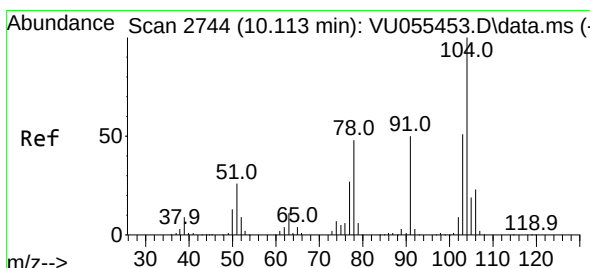
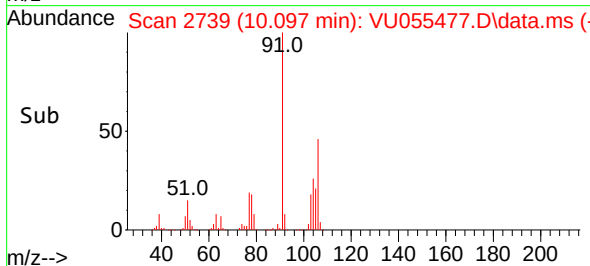
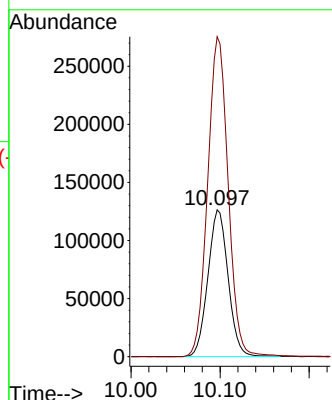
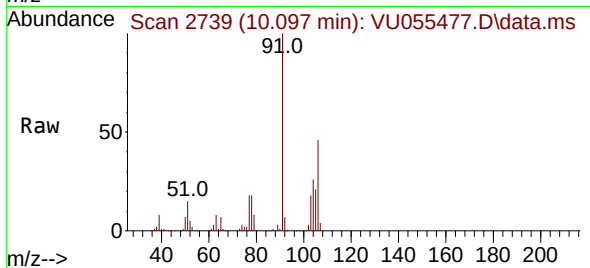
EYJ00MSD

Tgt Ion:106 Resp: 199409

Ion Ratio Lower Upper

106 100

91 217.9 157.6 292.8



#55

Styrene

Concen: 5.448 ug/L

RT: 10.113 min Scan# 2744

Delta R.T. -0.000 min

Lab File: VU055477.D

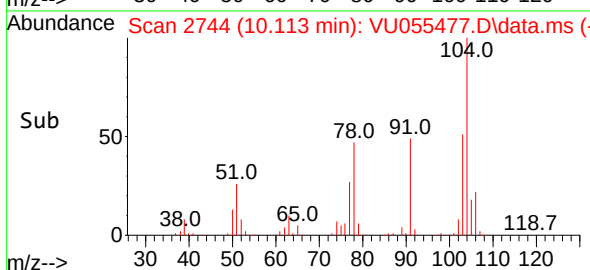
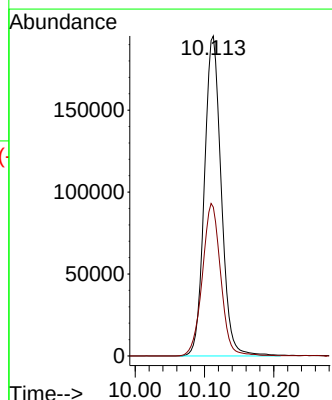
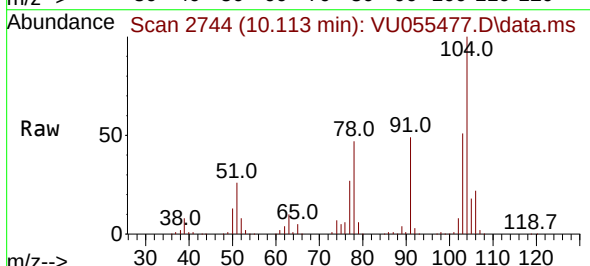
Acq: 22 Sep 2023 22:18

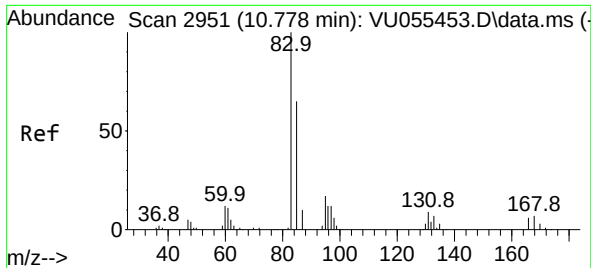
Tgt Ion:104 Resp: 329415

Ion Ratio Lower Upper

104 100

78 46.5 31.2 58.0

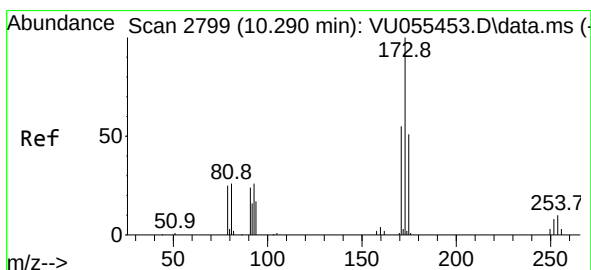
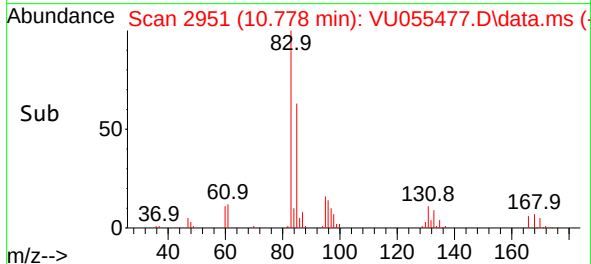
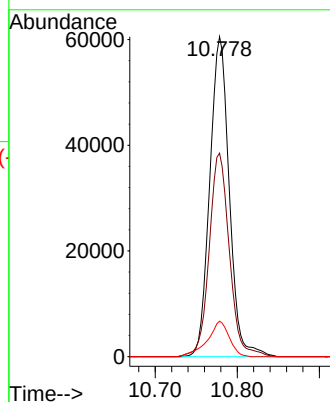
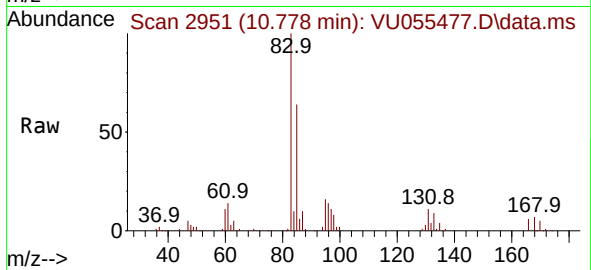




#57
1,1,2,2-Tetrachloroethane
Concen: 5.372 ug/L
RT: 10.778 min Scan# 2951
Delta R.T. -0.000 min
Lab File: VU055477.D
Acq: 22 Sep 2023 22:18

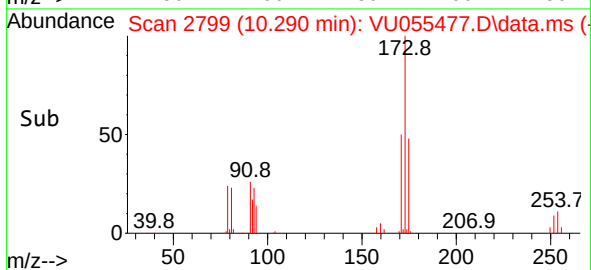
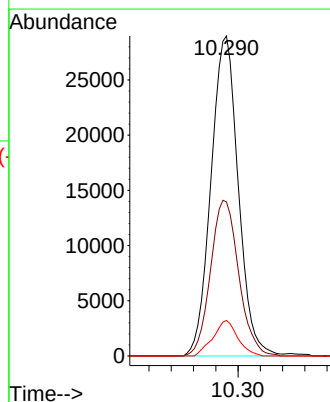
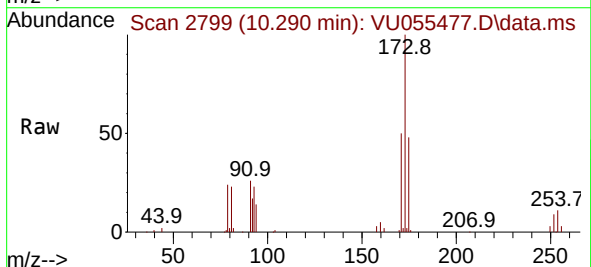
Instrument :
MSVOA_U
ClientSampleId :
EYJ00MSD

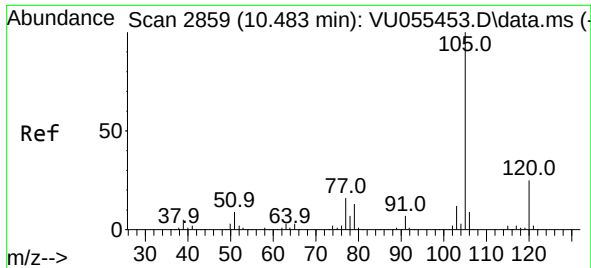
Tgt Ion:	83	Resp:	99822
Ion Ratio	Lower	Upper	
83	100		
85	63.6	44.4	82.5
131	11.1	7.4	11.2



#59
Bromoform
Concen: 5.146 ug/L
RT: 10.290 min Scan# 2799
Delta R.T. 0.000 min
Lab File: VU055477.D
Acq: 22 Sep 2023 22:18

Tgt Ion:	173	Resp:	49301
Ion Ratio	Lower	Upper	
173	100		
175	50.2	39.4	59.2
254	10.1	7.3	10.9

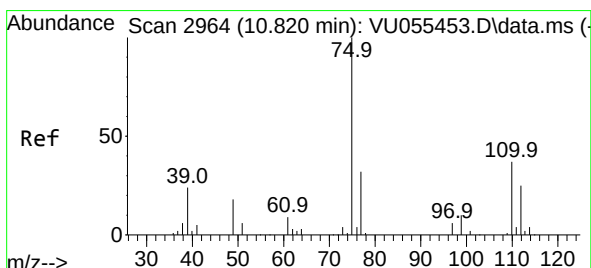
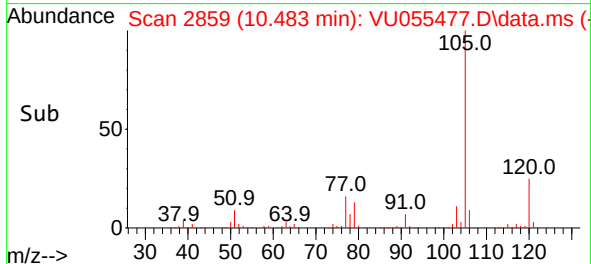
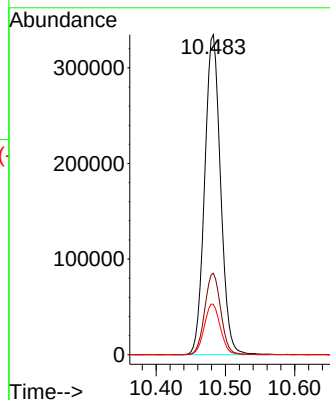
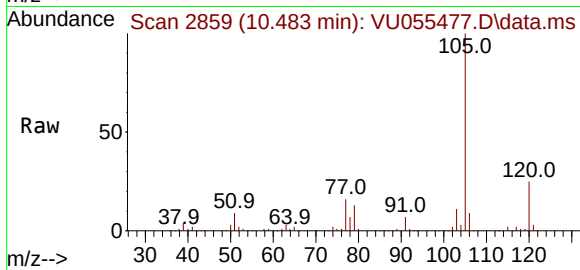




#60
Isopropylbenzene
Concen: 5.174 ug/L
RT: 10.483 min Scan# 2859
Delta R.T. -0.000 min
Lab File: VU055477.D
Acq: 22 Sep 2023 22:18

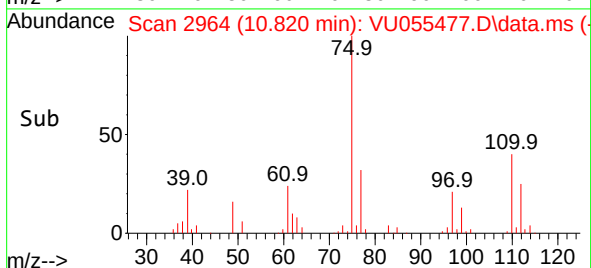
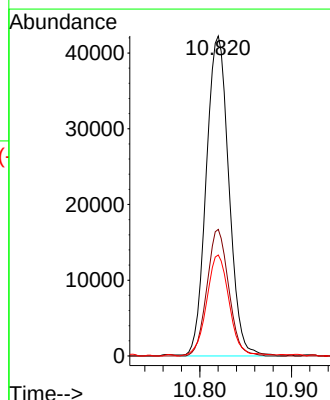
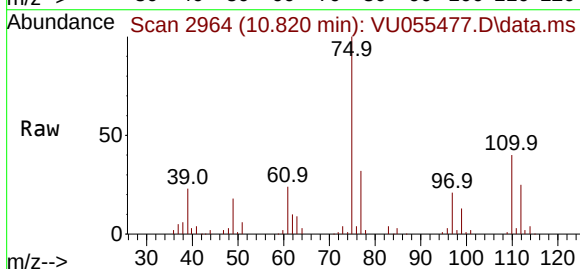
Instrument :
MSVOA_U
ClientSampleId :
EYJ00MSD

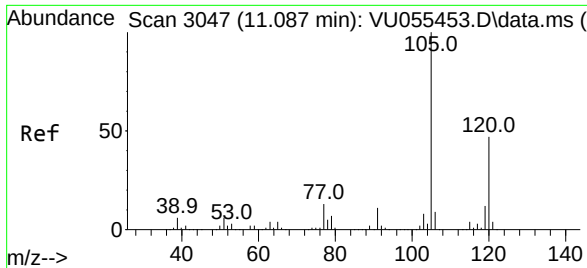
Tgt Ion:105 Resp: 533012
Ion Ratio Lower Upper
105 100
120 25.6 20.8 31.2
77 16.1 12.6 19.0



#61
1,2,3-Trichloropropane
Concen: 5.197 ug/L
RT: 10.820 min Scan# 2964
Delta R.T. -0.000 min
Lab File: VU055477.D
Acq: 22 Sep 2023 22:18

Tgt Ion: 75 Resp: 72509
Ion Ratio Lower Upper
75 100
110 37.9 30.6 45.8
77 31.6 26.7 40.1

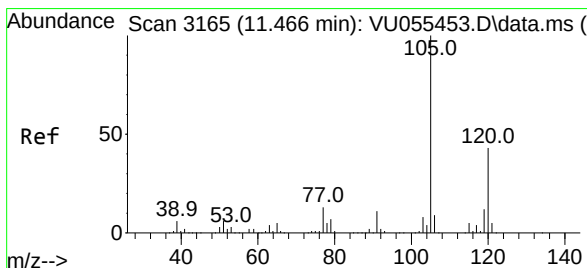
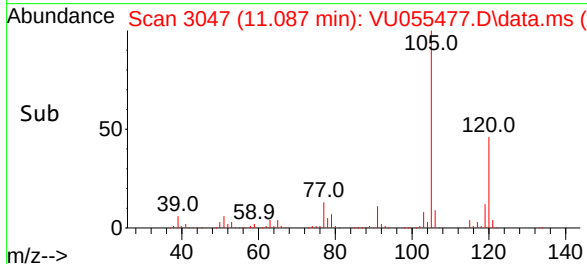
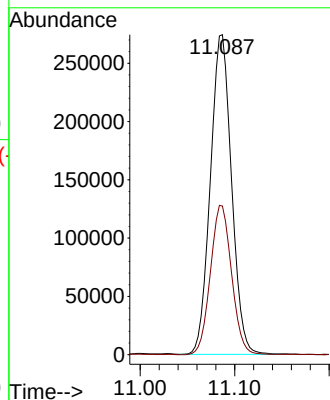
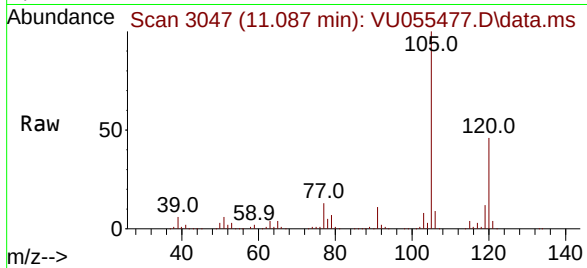




#62
 1,3,5-Trimethylbenzene
 Concen: 5.179 ug/L
 RT: 11.087 min Scan# 3047
 Delta R.T. -0.000 min
 Lab File: VU055477.D
 Acq: 22 Sep 2023 22:18

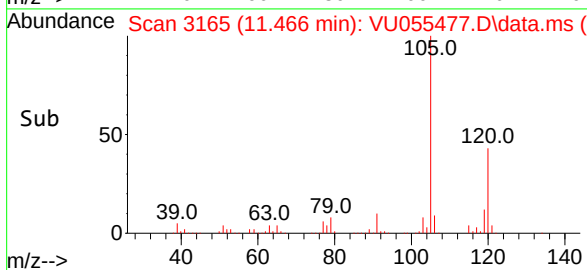
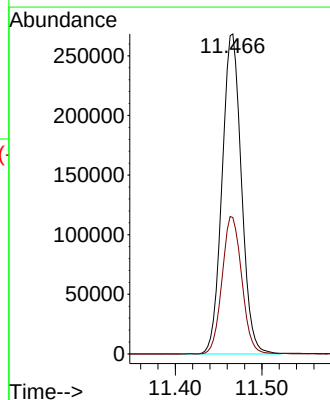
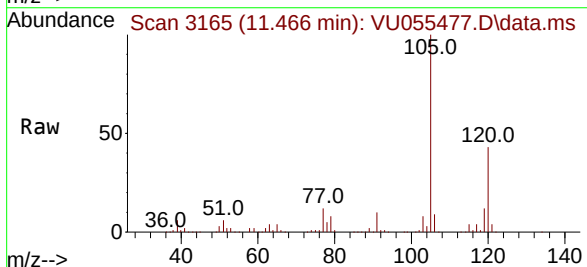
Instrument :
 MSVOA_U
 ClientSampleId :
 EYJ00MSD

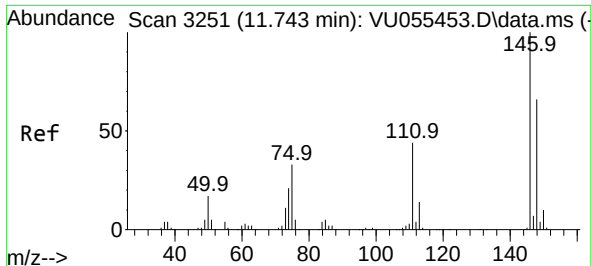
Tgt Ion:105 Resp: 426617
 Ion Ratio Lower Upper
 105 100
 120 46.8 38.1 57.1



#63
 1,2,4-Trimethylbenzene
 Concen: 5.166 ug/L
 RT: 11.466 min Scan# 3165
 Delta R.T. -0.000 min
 Lab File: VU055477.D
 Acq: 22 Sep 2023 22:18

Tgt Ion:105 Resp: 416569
 Ion Ratio Lower Upper
 105 100
 120 43.7 34.9 52.3

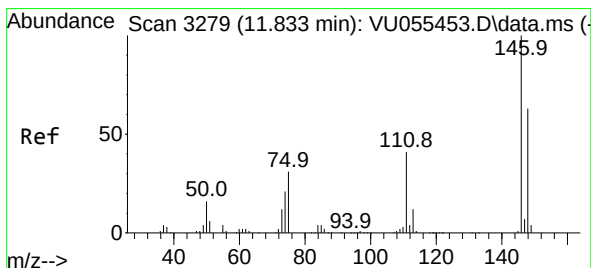
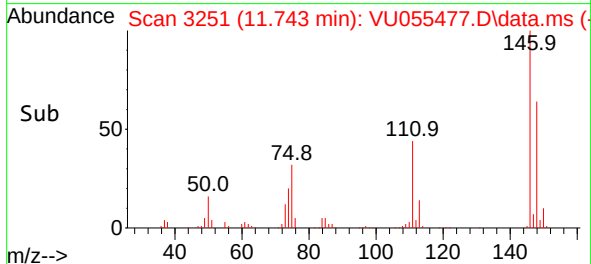
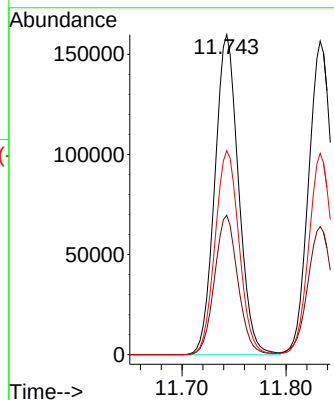
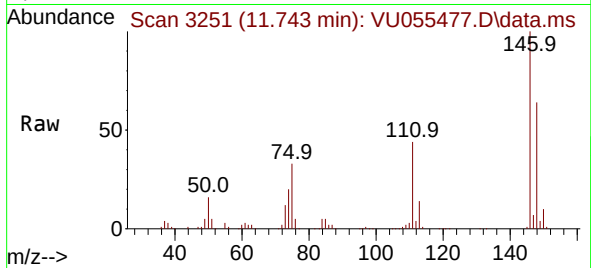




#64
1,3-Dichlorobenzene
Concen: 5.137 ug/L
RT: 11.743 min Scan# 31
Delta R.T. -0.000 min
Lab File: VU055477.D
Acq: 22 Sep 2023 22:18

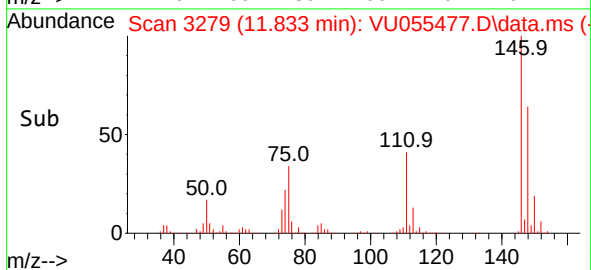
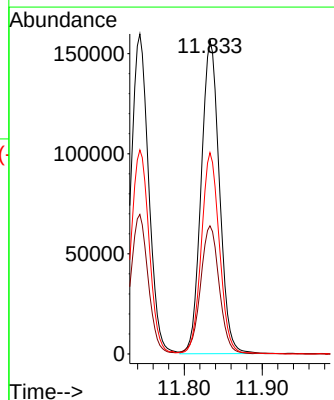
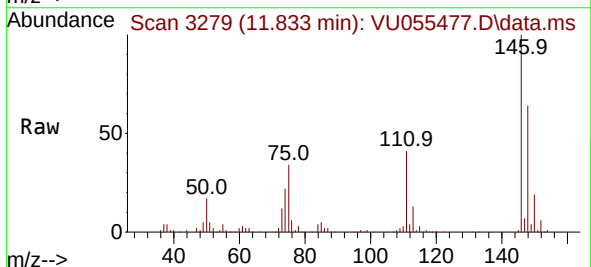
Instrument :
MSVOA_U
ClientSampleId :
EYJ00MSD

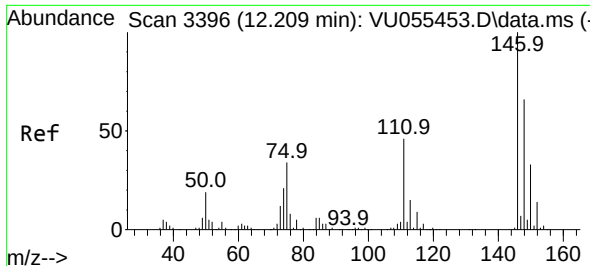
Tgt Ion:146 Resp: 253352
Ion Ratio Lower Upper
146 100
111 43.6 28.8 53.6
148 63.7 44.6 82.8



#65
1,4-Dichlorobenzene
Concen: 5.152 ug/L
RT: 11.833 min Scan# 3279
Delta R.T. -0.000 min
Lab File: VU055477.D
Acq: 22 Sep 2023 22:18

Tgt Ion:146 Resp: 253949
Ion Ratio Lower Upper
146 100
111 40.9 29.0 53.8
148 64.2 45.4 84.4





#67

1,2-Dichlorobenzene

Concen: 5.204 ug/L

RT: 12.209 min Scan# 31

Delta R.T. -0.000 min

Lab File: VU055477.D

Acq: 22 Sep 2023 22:18

Instrument :

MSVOA_U

ClientSampleId :

EYJ00MSD

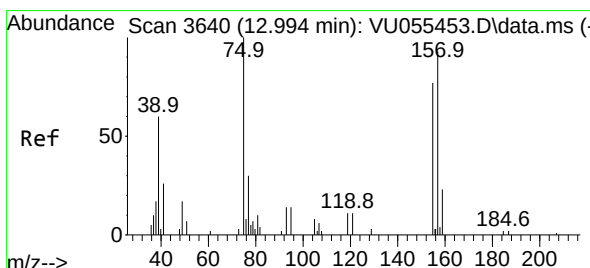
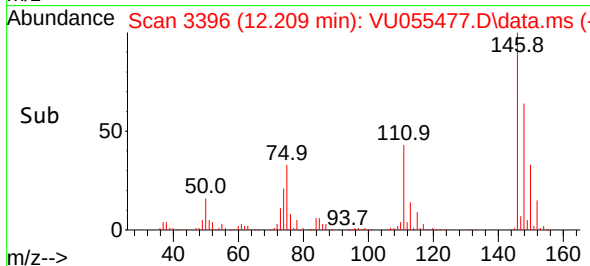
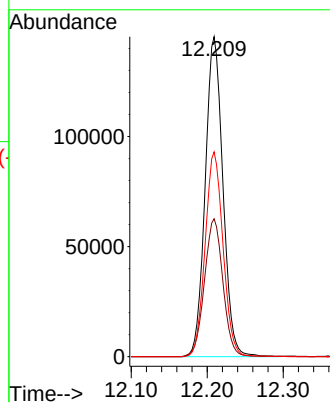
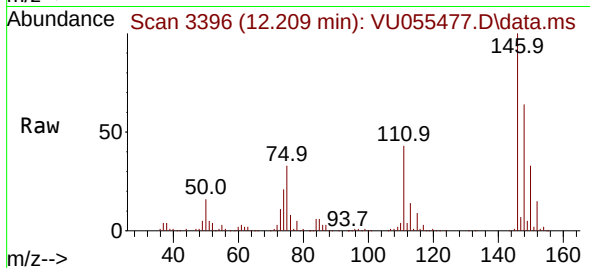
Tgt Ion:146 Resp: 235287

Ion Ratio Lower Upper

146 100

111 43.1 34.6 52.0

148 64.0 51.8 77.8



#68

1,2-Dibromo-3-chloropropane

Concen: 5.522 ug/L

RT: 12.990 min Scan# 3639

Delta R.T. -0.003 min

Lab File: VU055477.D

Acq: 22 Sep 2023 22:18

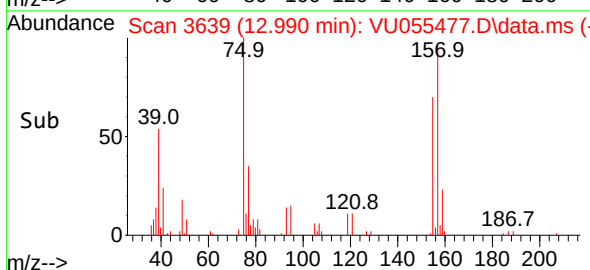
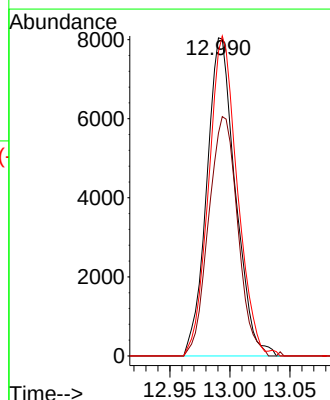
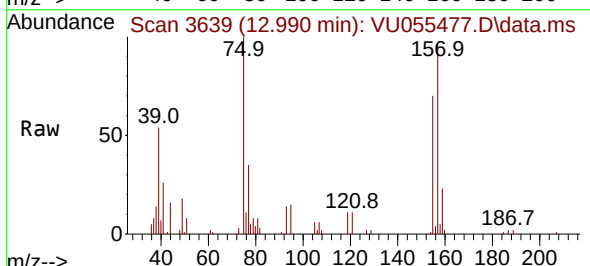
Tgt Ion: 75 Resp: 13355

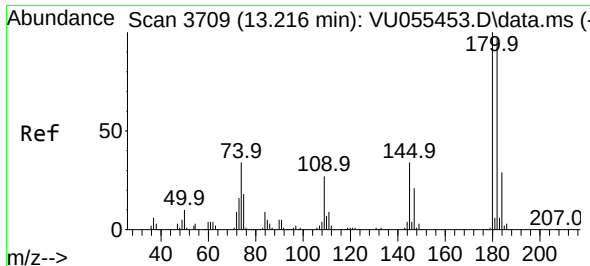
Ion Ratio Lower Upper

75 100

155 70.0 69.2 103.8

157 95.6 81.9 122.9





#69

1,3,5-Trichlorobenzene

Concen: 5.023 ug/L

RT: 13.216 min Scan# 31

Delta R.T. -0.000 min

Lab File: VU055477.D

Acq: 22 Sep 2023 22:18

Instrument :

MSVOA_U

ClientSampleId :

EYJ00MSD

Tgt Ion:180 Resp: 170589

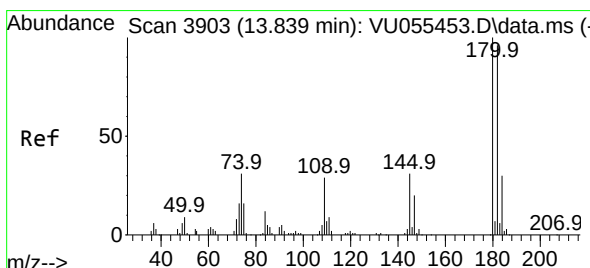
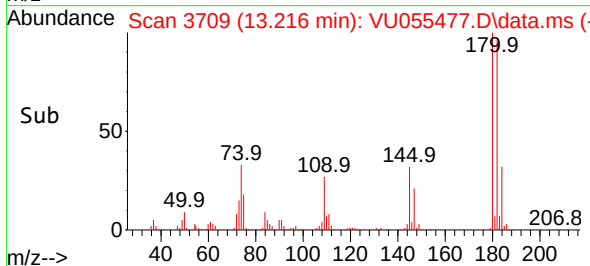
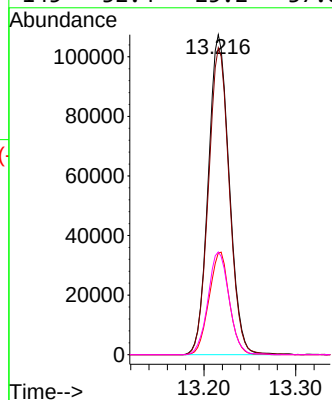
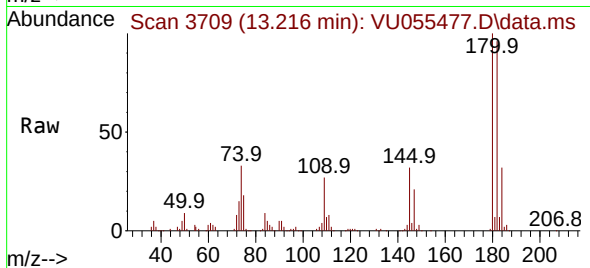
Ion Ratio Lower Upper

180 100

182 95.6 77.1 115.7

184 31.2 24.0 36.0

145 32.4 25.2 37.8



#70

1,2,4-trichlorobenzene

Concen: 5.214 ug/L

RT: 13.836 min Scan# 3902

Delta R.T. -0.003 min

Lab File: VU055477.D

Acq: 22 Sep 2023 22:18

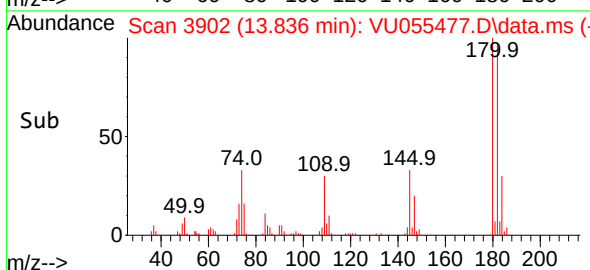
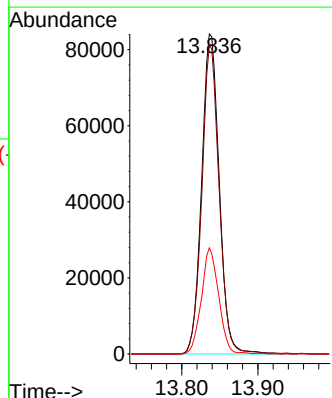
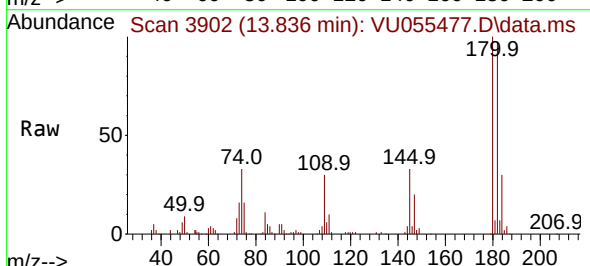
Tgt Ion:180 Resp: 134995

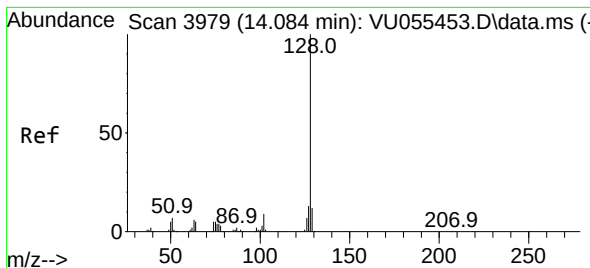
Ion Ratio Lower Upper

180 100

182 94.8 76.4 114.6

145 32.6 25.4 38.0





#71

Naphthalene

Concen: 5.261 ug/L

RT: 14.084 min Scan# 3979

Delta R.T. -0.000 min

Lab File: VU055477.D

Acq: 22 Sep 2023 22:18

Instrument :

MSVOA_U

ClientSampleId :

EYJ00MSD

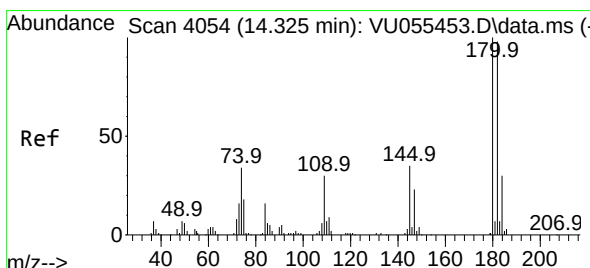
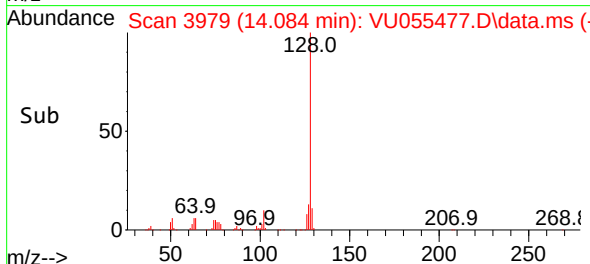
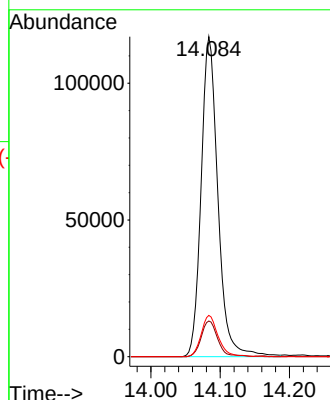
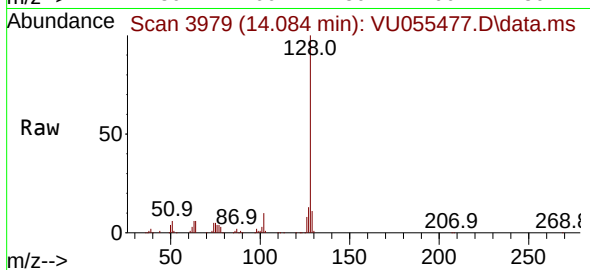
Tgt Ion:128 Resp: 197212

Ion Ratio Lower Upper

128 100

129 11.0 8.5 12.7

127 13.0 10.2 15.4



#72

1,2,3-Trichlorobenzene

Concen: 5.240 ug/L

RT: 14.328 min Scan# 4055

Delta R.T. 0.003 min

Lab File: VU055477.D

Acq: 22 Sep 2023 22:18

Tgt Ion:180 Resp: 118055

Ion Ratio Lower Upper

180 100

182 96.4 76.2 114.4

145 34.8 26.0 39.0

