

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU012424\
 Data File : VU057633.D
 Acq On : 24 Jan 2024 20:58
 Operator : MD/SY
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Jan 25 01:57:35 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR012324WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Jan 25 01:52:13 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	57158	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	52294	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	25284	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.599	65	15366	4.879	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	97.600%
7) Chloroethane-d5	1.914	69	12962	4.912	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	98.200%
11) 1,1-Dichloroethene-d2	2.563	65	7049	4.760	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	95.200%
20) 2-Butanone-d5	4.644	46	35100	59.081	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	118.160%
24) Chloroform-d	5.055	84	33513	5.243	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	104.800%
26) 1,2-Dichloroethane-d4	5.695	65	15632	5.381	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	107.600%
32) Benzene-d6	5.721	84	64016	5.219	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	104.400%
36) 1,2-Dichloropropane-d6	6.685	67	19870	5.371	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	107.400%
41) Toluene-d8	7.891	98	59869	5.142	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	102.800%
43) trans-1,3-Dichloroprop...	8.177	79	7657	5.193	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	103.800%
46) 2-Hexanone-d5	8.631	63	26977	57.340	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	114.680%
56) 1,1,2,2-Tetrachloroeth...	10.750	84	14300	5.766	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	115.400%
66) 1,2-Dichlorobenzene-d4	12.187	152	19791	5.578	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	111.600%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.383	85	25423	5.249	ug/L	99
3) Chloromethane	1.518	50	25401	5.242	ug/L	97
5) Vinyl chloride	1.602	62	27467	5.325	ug/L	100
6) Bromomethane	1.856	94	14070	5.232	ug/L	97
8) Chloroethane	1.933	64	16649	5.390	ug/L	94
9) Trichlorofluoromethane	2.136	101	43134	5.614	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.576	101	23659	5.297	ug/L	99
12) 1,1-Dichloroethene	2.576	96	21848	5.259	ug/L	100
13) Acetone	2.673	43	29410	52.096	ug/L	99
14) Carbon disulfide	2.788	76	68715	5.102	ug/L	100
15) Methyl Acetate	2.962	43	8119	5.590	ug/L	95
16) Methylene chloride	3.042	84	24126	5.411	ug/L	95
17) Methyl tert-butyl Ether	3.354	73	54136	5.480	ug/L	99
18) trans-1,2-Dichloroethene	3.348	96	23190	5.300	ug/L	100
19) 1,1-Dichloroethane	3.862	63	43400	5.372	ug/L	96
21) 2-Butanone	4.721	43	47473	53.611	ug/L	96
22) cis-1,2-Dichloroethene	4.660	96	25578	5.438	ug/L	99
23) Bromochloromethane	4.968	128	10208	5.402	ug/L	97
25) Chloroform	5.081	83	45163	5.268	ug/L	98

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 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Jan 25 01:57:35 2024
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 Quant Title : TRACE VOA SFAM1.0
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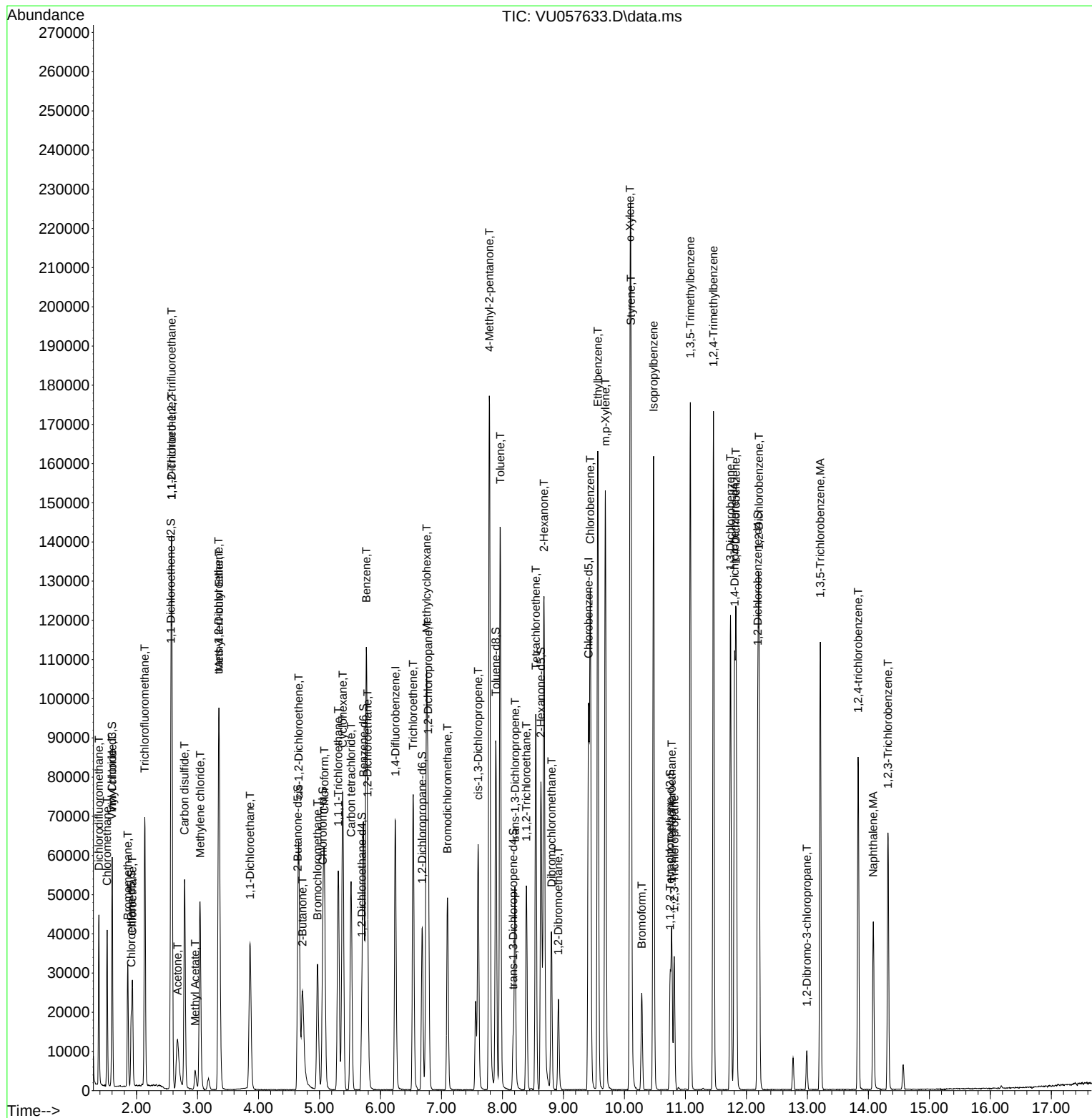
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.788	62	28233	5.654	ug/L	100
29) 1,1,1-Trichloroethane	5.309	97	40749	5.309	ug/L	100
30) Cyclohexane	5.380	56	39601	5.347	ug/L	98
31) Carbon tetrachloride	5.518	117	36085	5.329	ug/L	98
33) Benzene	5.769	78	98984	5.519	ug/L	100
34) Trichloroethene	6.537	95	26407	5.340	ug/L	96
35) Methylcyclohexane	6.756	83	41759	5.228	ug/L	99
37) 1,2-Dichloropropane	6.782	63	25005	5.573	ug/L	99
38) Bromodichloromethane	7.100	83	32233	5.338	ug/L	100
39) cis-1,3-Dichloropropene	7.602	75	36763	5.272	ug/L	98
40) 4-Methyl-2-pentanone	7.785	43	117758	54.995	ug/L	100
42) Toluene	7.965	91	106224	5.493	ug/L	100
44) trans-1,3-Dichloropropene	8.206	75	29358	5.180	ug/L	96
45) 1,1,2-Trichloroethane	8.393	97	16056	5.501	ug/L	99
47) Tetrachloroethene	8.547	164	19931	5.485	ug/L	98
48) 2-Hexanone	8.682	43	84697	56.371	ug/L	96
49) Dibromochloromethane	8.804	129	20355	5.386	ug/L	99
50) 1,2-Dibromoethane	8.917	107	15443	5.452	ug/L	96
51) Chlorobenzene	9.441	112	65616	5.409	ug/L	99
52) Ethylbenzene	9.563	91	117965	5.413	ug/L	99
53) m,p-Xylene	9.688	106	43217	5.375	ug/L	98
54) o-Xylene	10.094	106	42495	5.422	ug/L	98
55) Styrene	10.110	104	65265	5.442	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.775	83	19457	5.494	ug/L	98
59) Bromoform	10.283	173	11076	5.392	ug/L	99
60) Isopropylbenzene	10.479	105	104381	5.269	ug/L	100
61) 1,2,3-Trichloropropane	10.817	75	14198	5.595	ug/L	99
62) 1,3,5-Trimethylbenzene	11.081	105	93581	5.300	ug/L	100
63) 1,2,4-Trimethylbenzene	11.460	105	94650	5.357	ug/L	99
64) 1,3-Dichlorobenzene	11.740	146	47682	5.273	ug/L	99
65) 1,4-Dichlorobenzene	11.830	146	45208	5.223	ug/L	99
67) 1,2-Dichlorobenzene	12.206	146	43725	5.419	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.991	75	2846	5.958	ug/L	93
69) 1,3,5-Trichlorobenzene	13.212	180	34239	5.158	ug/L	99
70) 1,2,4-trichlorobenzene	13.833	180	24846	5.110	ug/L	99
71) Naphthalene	14.081	128	36061	5.239	ug/L	99
72) 1,2,3-Trichlorobenzene	14.322	180	19696	5.204	ug/L	98

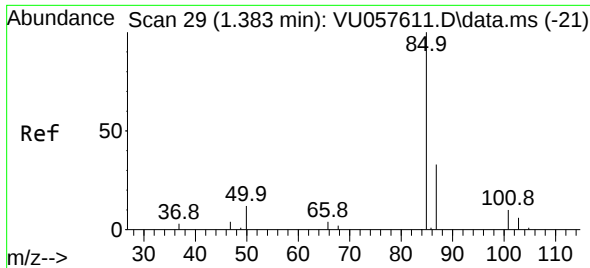
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 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

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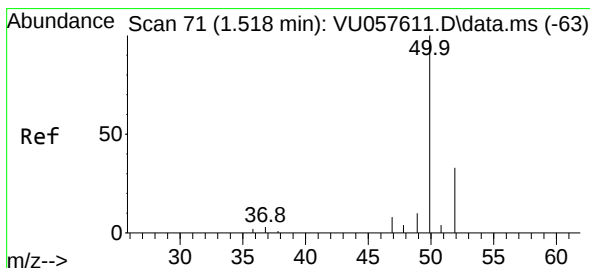
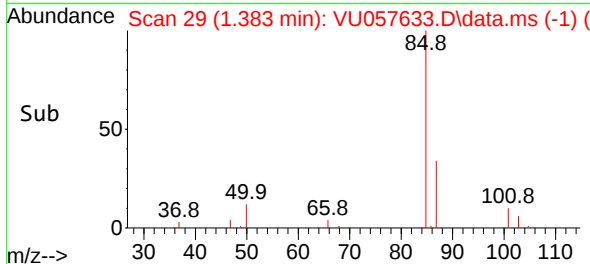
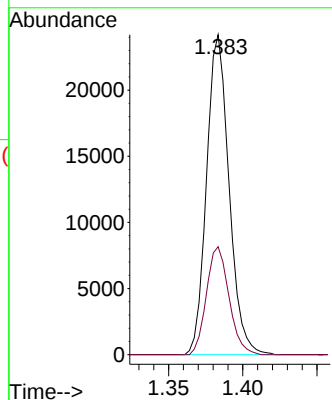
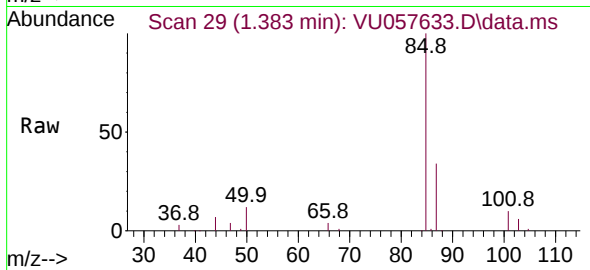




#2
Dichlorodifluoromethane
Concen: 5.249 ug/L
RT: 1.383 min Scan# 29
Delta R.T. 0.000 min
Lab File: VU057633.D
Acq: 24 Jan 2024 20:58

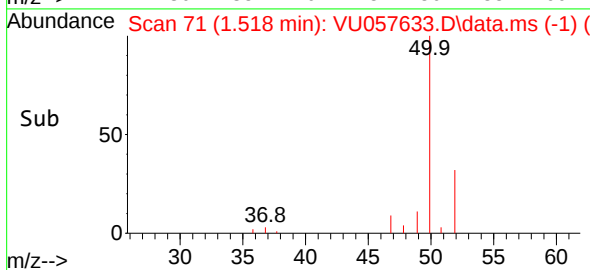
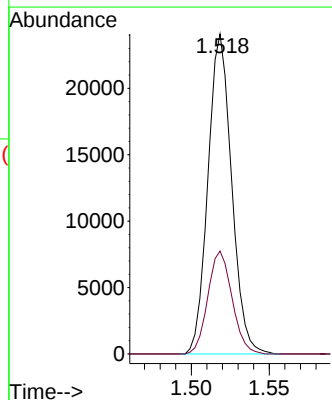
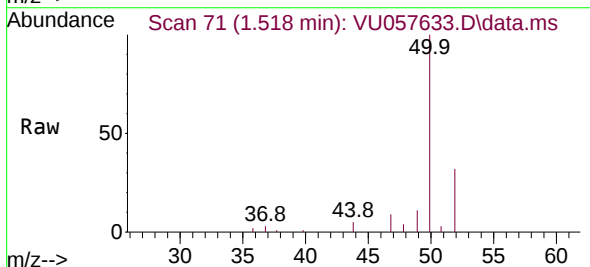
Instrument :
MSVOA_U
ClientSampleId :

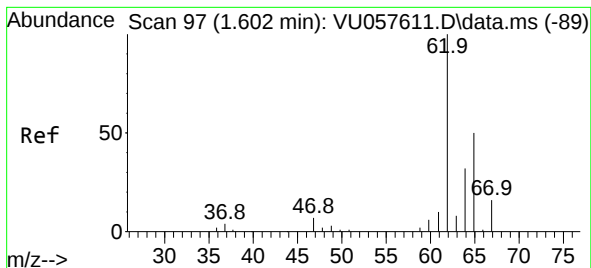
Tgt Ion: 85 Resp: 25423
Ion Ratio Lower Upper
85 100
87 33.8 26.4 39.6



#3
Chloromethane
Concen: 5.242 ug/L
RT: 1.518 min Scan# 71
Delta R.T. 0.000 min
Lab File: VU057633.D
Acq: 24 Jan 2024 20:58

Tgt Ion: 50 Resp: 25401
Ion Ratio Lower Upper
50 100
52 32.1 23.7 43.9





#5

Vinyl chloride

Concen: 5.325 ug/L

RT: 1.602 min Scan# 91

Delta R.T. 0.000 min

Lab File: VU057633.D

Acq: 24 Jan 2024 20:58

Instrument :

MSVOA_U

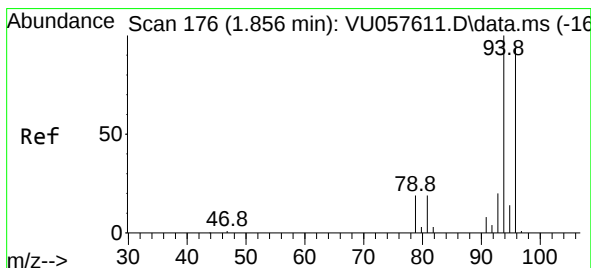
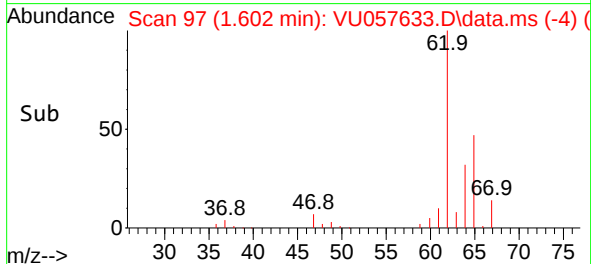
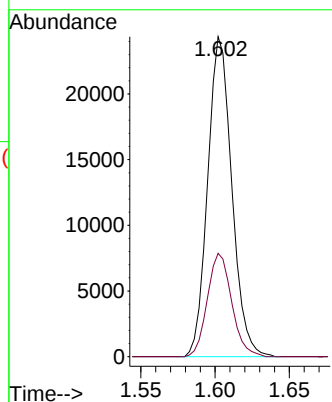
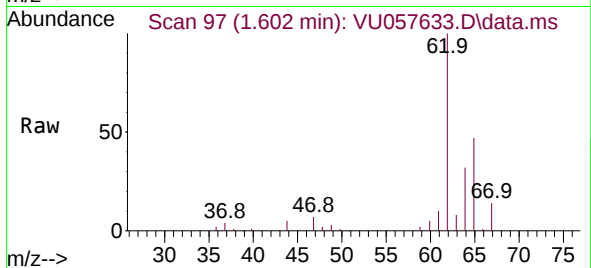
ClientSampleId :

Tgt Ion: 62 Resp: 27467

Ion Ratio Lower Upper

62 100

64 32.3 22.8 42.4



#6

Bromomethane

Concen: 5.232 ug/L

RT: 1.856 min Scan# 176

Delta R.T. 0.000 min

Lab File: VU057633.D

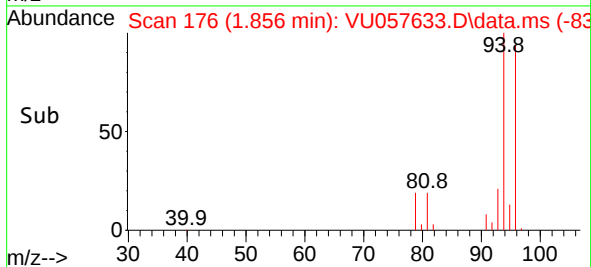
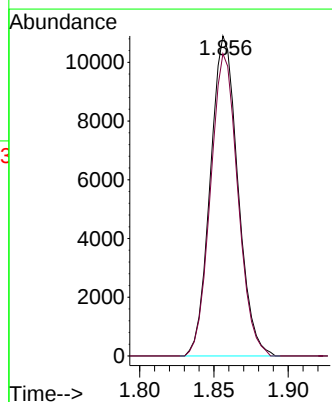
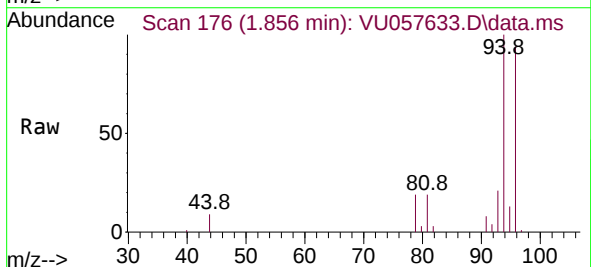
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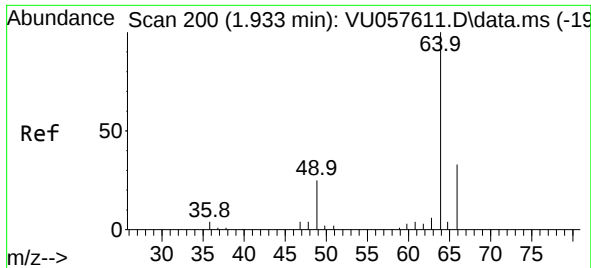
Tgt Ion: 94 Resp: 14070

Ion Ratio Lower Upper

94 100

96 94.4 68.0 126.4

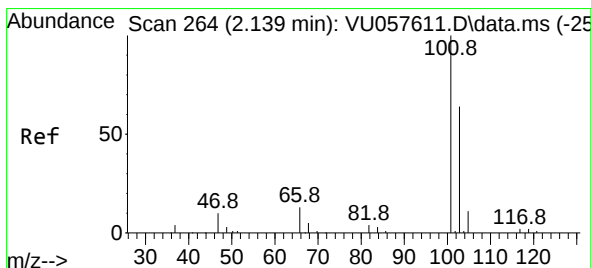
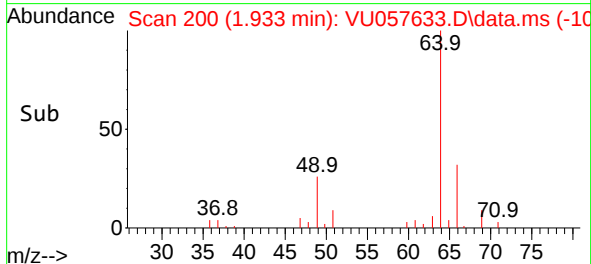
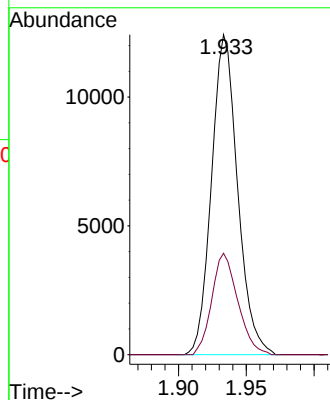
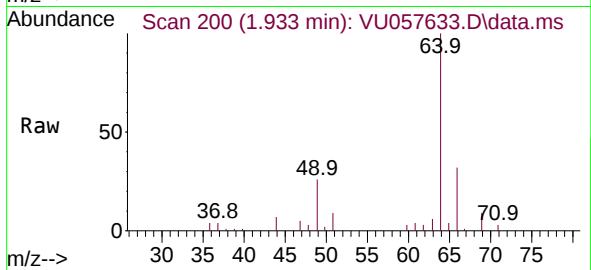




#8
Chloroethane
Concen: 5.390 ug/L
RT: 1.933 min Scan# 200
Delta R.T. 0.000 min
Lab File: VU057633.D
Acq: 24 Jan 2024 20:58

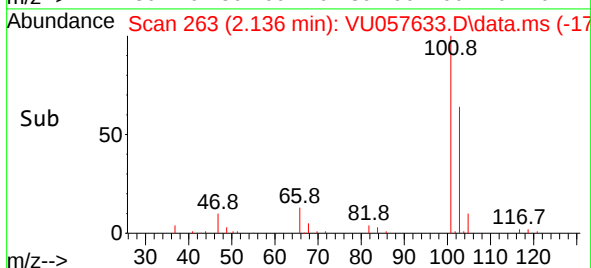
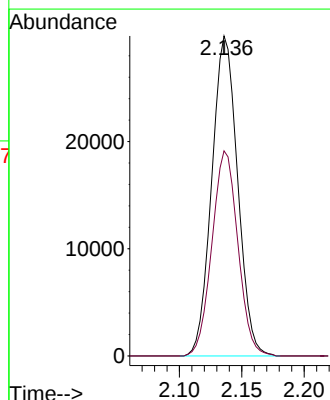
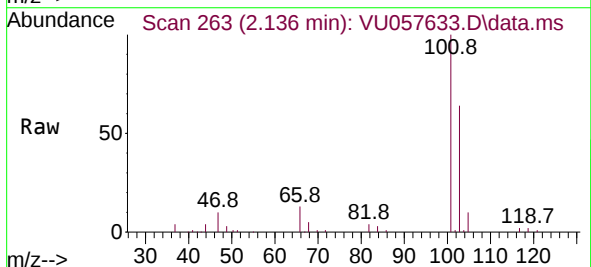
Instrument :
MSVOA_U
ClientSampleId :

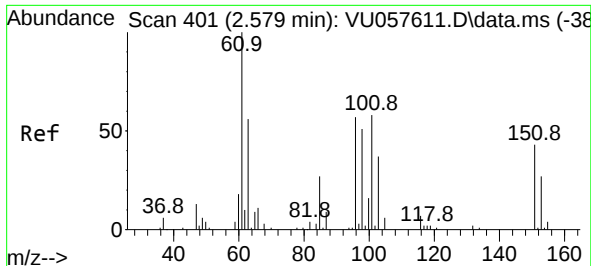
Tgt Ion: 64 Resp: 16649
Ion Ratio Lower Upper
64 100
66 31.7 24.5 45.5



#9
Trichlorofluoromethane
Concen: 5.614 ug/L
RT: 2.136 min Scan# 263
Delta R.T. -0.003 min
Lab File: VU057633.D
Acq: 24 Jan 2024 20:58

Tgt Ion: 101 Resp: 43134
Ion Ratio Lower Upper
101 100
103 64.3 52.2 78.2





#10

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

Concen: 5.297 ug/L

RT: 2.576 min Scan# 400

Delta R.T. -0.003 min

Lab File: VU057633.D

Acq: 24 Jan 2024 20:58

Instrument :

MSVOA_U

ClientSampleId :

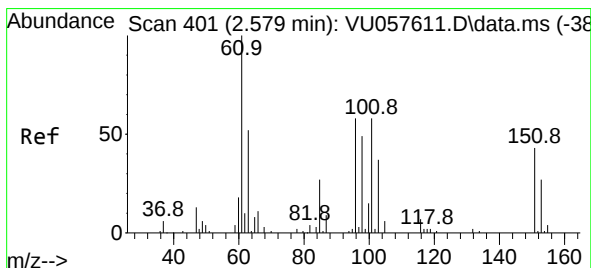
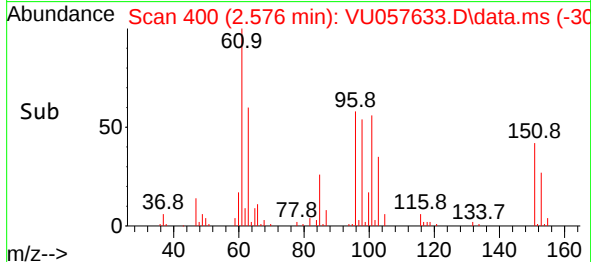
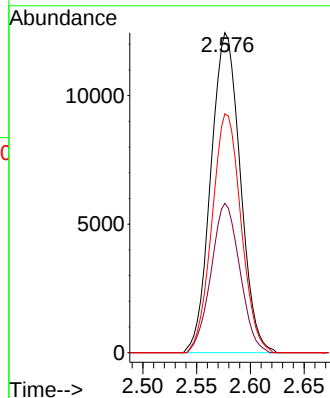
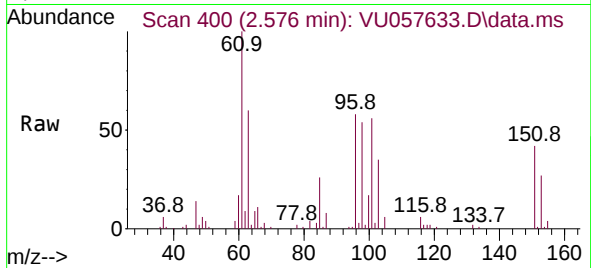
Tgt Ion:101 Resp: 23659

Ion Ratio Lower Upper

101 100

85 45.7 35.8 53.8

151 74.0 60.0 90.0



#12

1,1-Dichloroethene

Concen: 5.259 ug/L

RT: 2.576 min Scan# 400

Delta R.T. -0.003 min

Lab File: VU057633.D

Acq: 24 Jan 2024 20:58

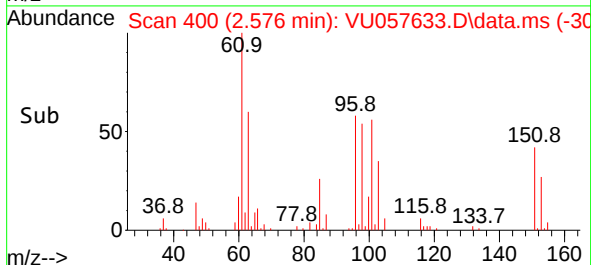
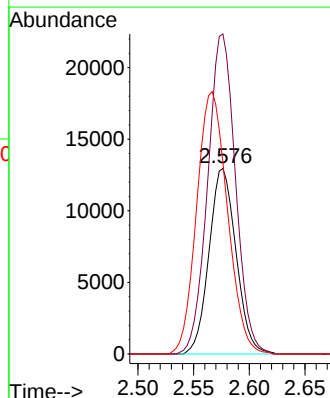
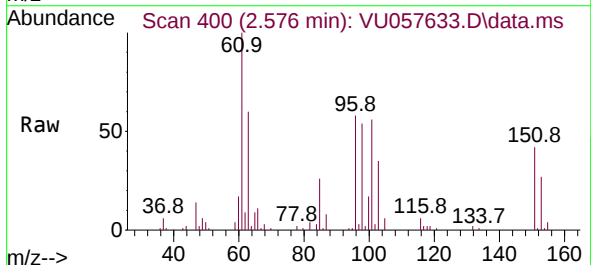
Tgt Ion: 96 Resp: 21848

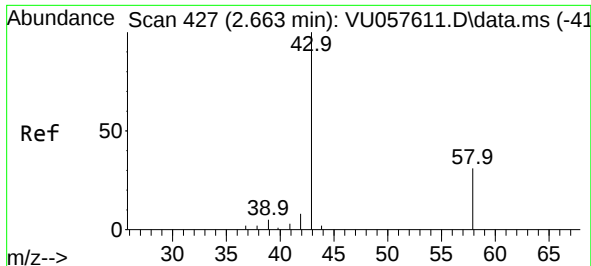
Ion Ratio Lower Upper

96 100

61 172.4 120.7 224.1

63 103.1 72.5 134.7





#13

Acetone

Concen: 52.096 ug/L

RT: 2.673 min Scan# 41

Delta R.T. 0.010 min

Lab File: VU057633.D

Acq: 24 Jan 2024 20:58

Instrument :

MSVOA_U

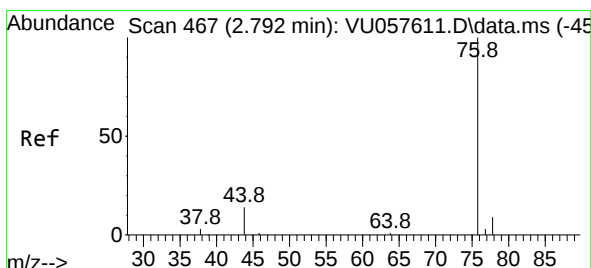
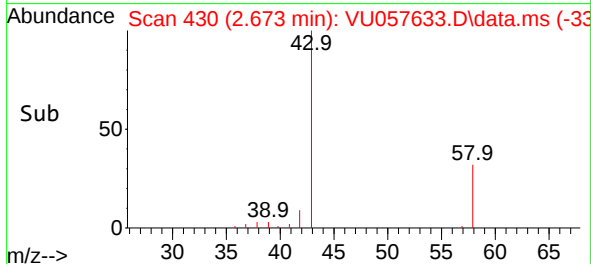
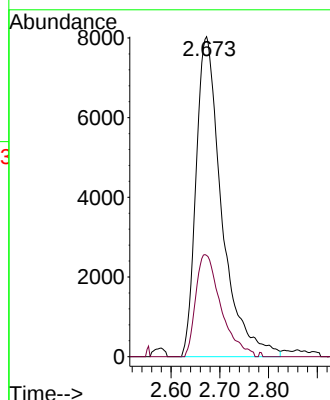
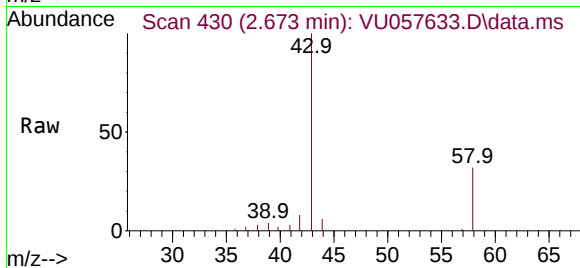
ClientSampleId :

Tgt Ion: 43 Resp: 29410

Ion Ratio Lower Upper

43 100

58 31.3 0.0 61.4



#14

Carbon disulfide

Concen: 5.102 ug/L

RT: 2.788 min Scan# 466

Delta R.T. -0.003 min

Lab File: VU057633.D

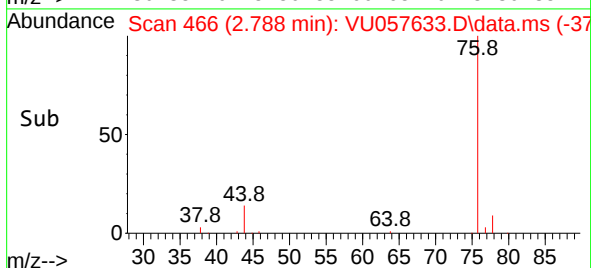
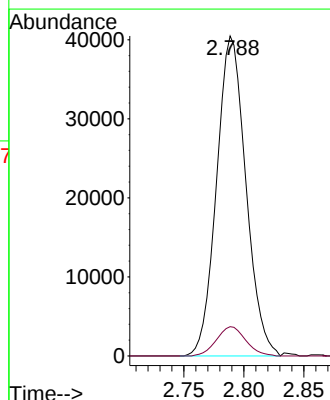
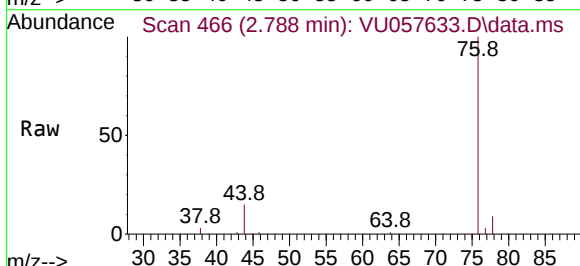
Acq: 24 Jan 2024 20:58

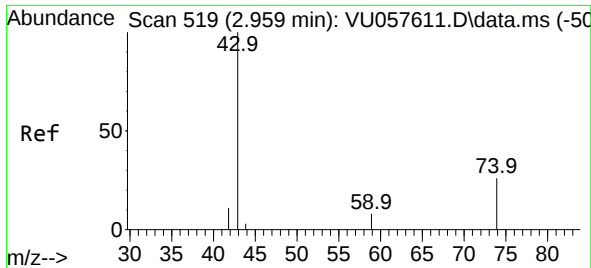
Tgt Ion: 76 Resp: 68715

Ion Ratio Lower Upper

76 100

78 9.2 7.3 10.9

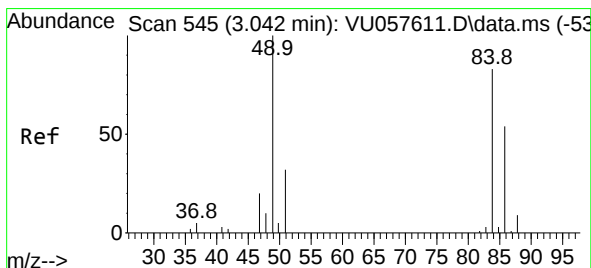
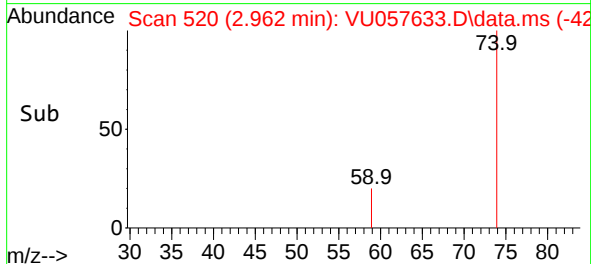
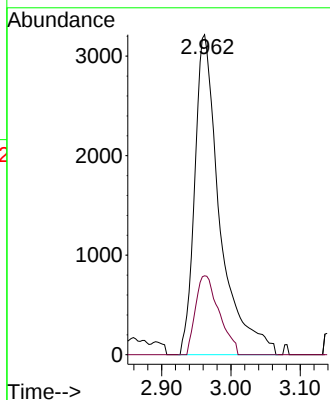
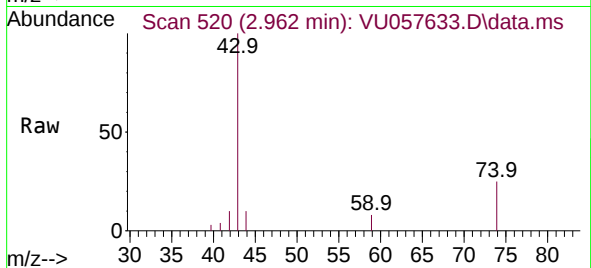




#15
Methyl Acetate
Concen: 5.590 ug/L
RT: 2.962 min Scan# 519
Delta R.T. 0.003 min
Lab File: VU057633.D
Acq: 24 Jan 2024 20:58

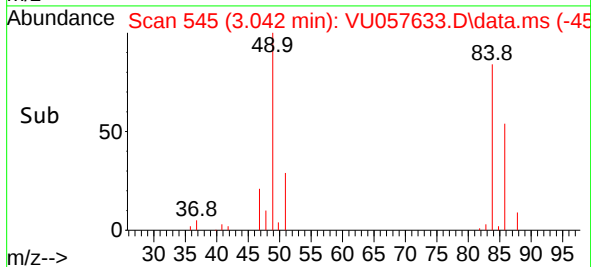
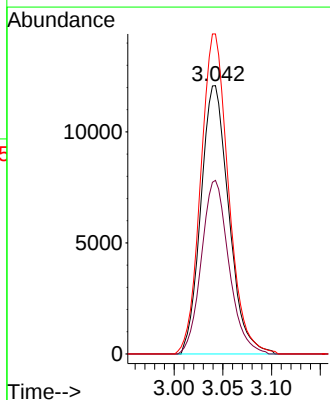
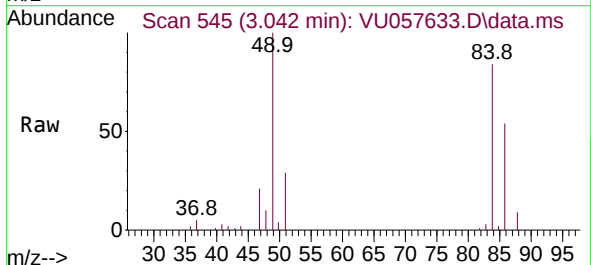
Instrument :
MSVOA_U
ClientSampleId :

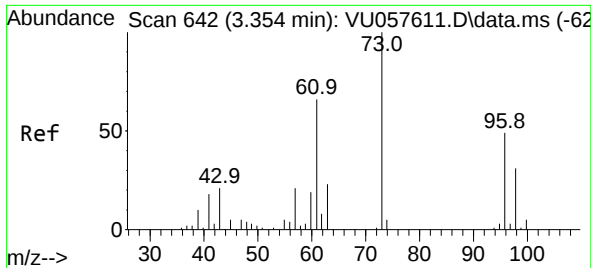
Tgt Ion: 43 Resp: 8119
Ion Ratio Lower Upper
43 100
74 23.1 20.7 31.1



#16
Methylene chloride
Concen: 5.411 ug/L
RT: 3.042 min Scan# 545
Delta R.T. 0.000 min
Lab File: VU057633.D
Acq: 24 Jan 2024 20:58

Tgt Ion: 84 Resp: 24126
Ion Ratio Lower Upper
84 100
86 64.7 43.5 80.9
49 124.5 82.5 153.1

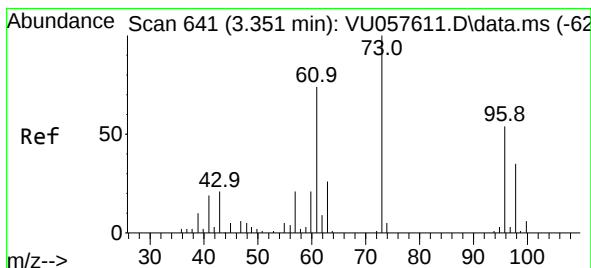
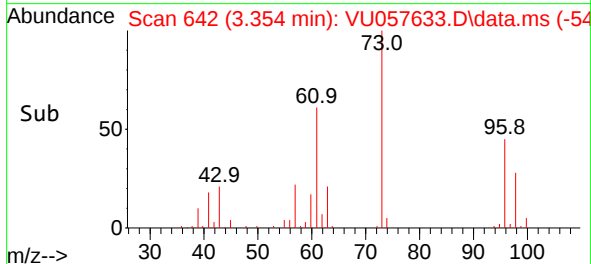
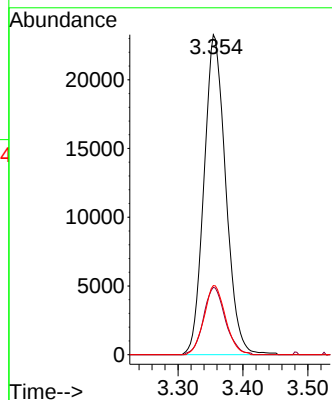
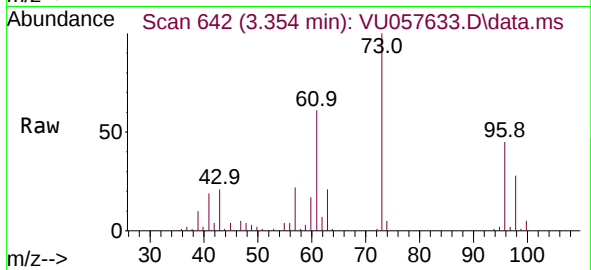




#17
Methyl tert-butyl Ether
Concen: 5.480 ug/L
RT: 3.354 min Scan# 64
Delta R.T. 0.000 min
Lab File: VU057633.D
Acq: 24 Jan 2024 20:58

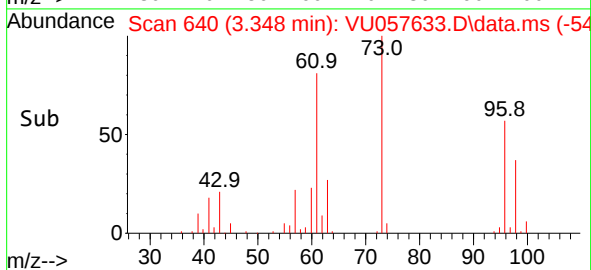
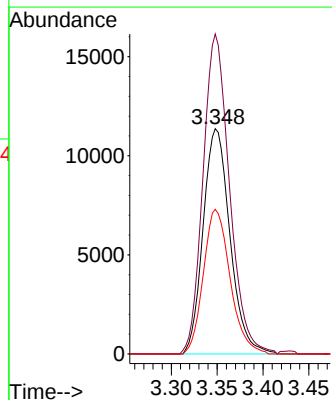
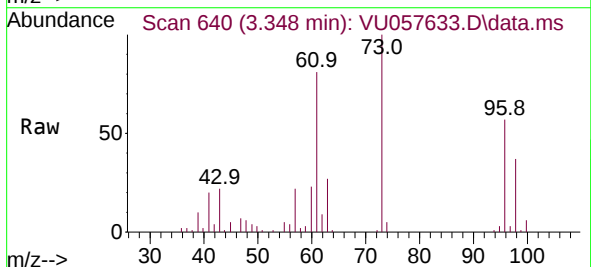
Instrument :
MSVOA_U
ClientSampleId :

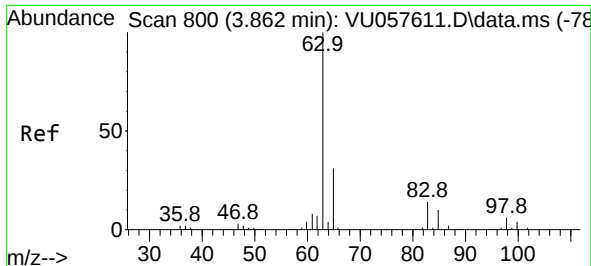
Tgt Ion: 73 Resp: 54136
Ion Ratio Lower Upper
73 100
43 21.2 17.3 25.9
57 21.4 17.7 26.5



#18
trans-1,2-Dichloroethene
Concen: 5.300 ug/L
RT: 3.348 min Scan# 640
Delta R.T. -0.003 min
Lab File: VU057633.D
Acq: 24 Jan 2024 20:58

Tgt Ion: 96 Resp: 23190
Ion Ratio Lower Upper
96 100
61 142.0 99.3 184.5
98 64.2 44.5 82.7





#19

1,1-Dichloroethane

Concen: 5.372 ug/L

RT: 3.862 min Scan# 800

Delta R.T. 0.000 min

Lab File: VU057633.D

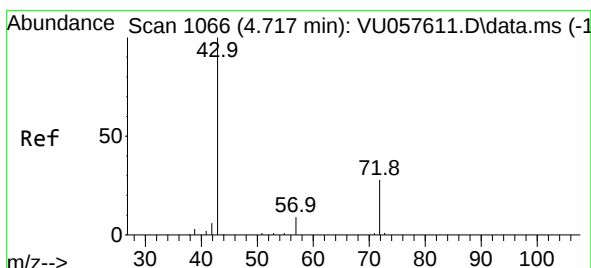
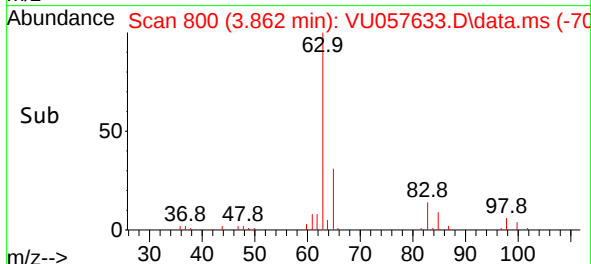
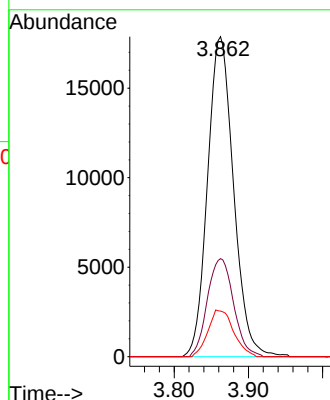
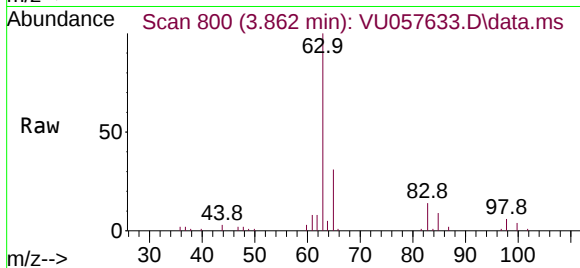
Acq: 24 Jan 2024 20:58

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion:	63	Resp:	43400
Ion	Ratio	Lower	Upper
63	100		
65	29.9	23.0	42.8
83	13.6	9.7	17.9



#21

2-Butanone

Concen: 53.611 ug/L

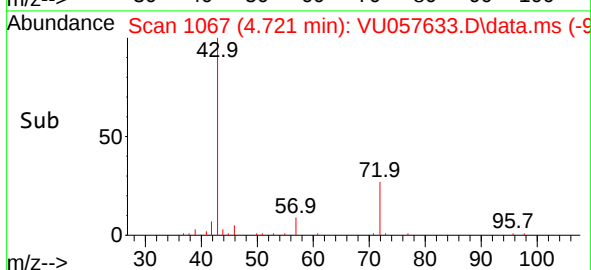
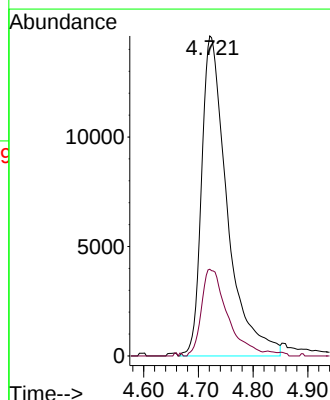
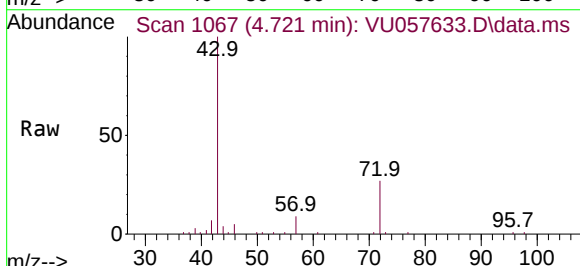
RT: 4.721 min Scan# 1067

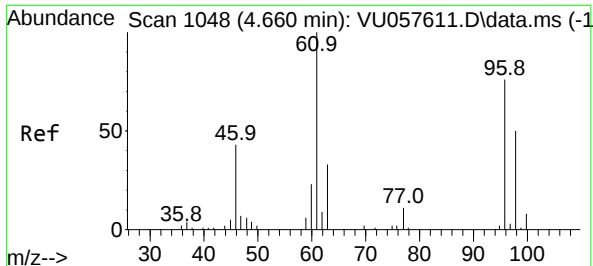
Delta R.T. 0.003 min

Lab File: VU057633.D

Acq: 24 Jan 2024 20:58

Tgt Ion:	43	Resp:	47473
Ion	Ratio	Lower	Upper
43	100		
72	27.4	14.7	44.1

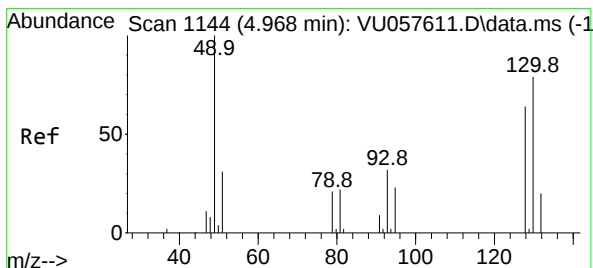
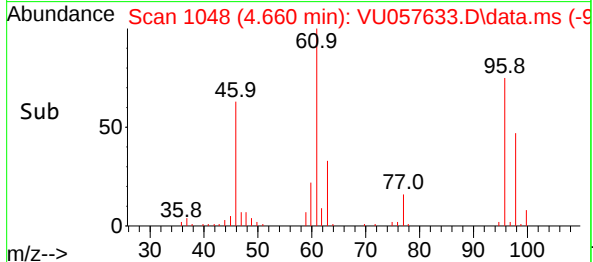
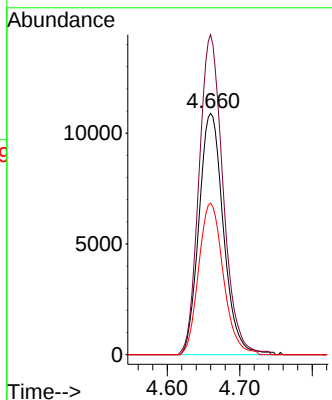
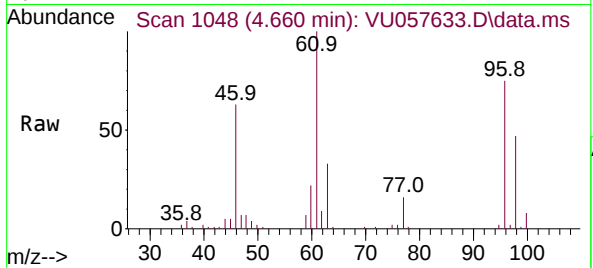




#22
 cis-1,2-Dichloroethene
 Concen: 5.438 ug/L
 RT: 4.660 min Scan# 1048
 Delta R.T. 0.000 min
 Lab File: VU057633.D
 Acq: 24 Jan 2024 20:58

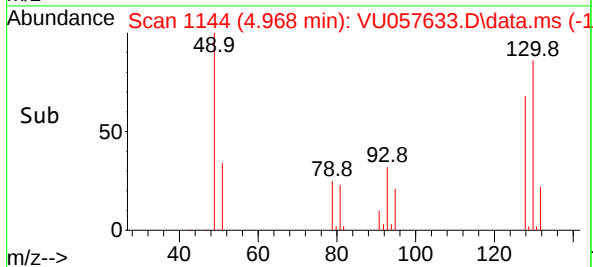
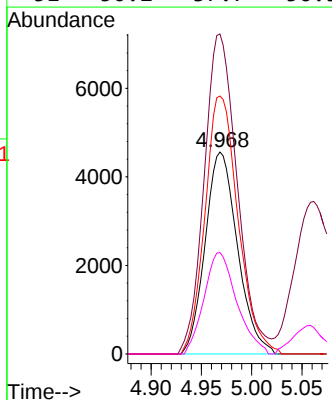
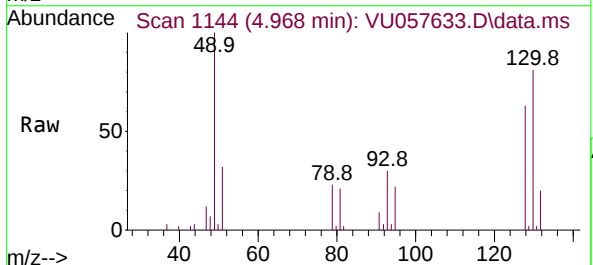
Instrument :
 MSVOA_U
 ClientSampleId :

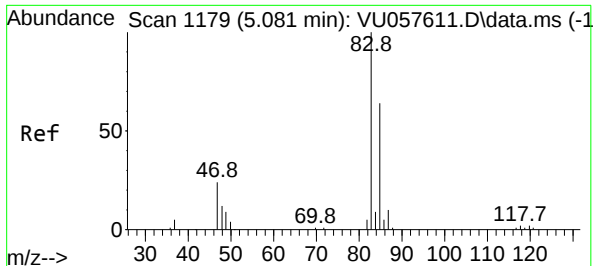
Tgt Ion: 96 Resp: 25578
 Ion Ratio Lower Upper
 96 100
 61 132.6 92.7 172.1
 98 62.7 44.9 83.5



#23
 Bromochloromethane
 Concen: 5.402 ug/L
 RT: 4.968 min Scan# 1144
 Delta R.T. 0.000 min
 Lab File: VU057633.D
 Acq: 24 Jan 2024 20:58

Tgt Ion: 128 Resp: 10208
 Ion Ratio Lower Upper
 128 100
 49 163.7 111.5 207.1
 130 127.8 87.2 162.0
 51 50.2 37.7 56.5





#25

Chloroform

Concen: 5.268 ug/L

RT: 5.081 min Scan# 1179

Delta R.T. 0.000 min

Lab File: VU057633.D

Acq: 24 Jan 2024 20:58

Instrument :

MSVOA_U

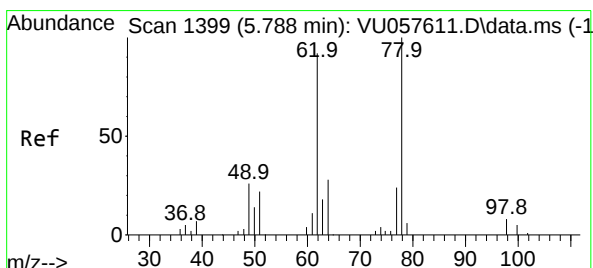
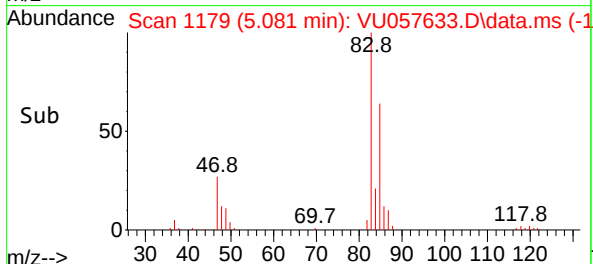
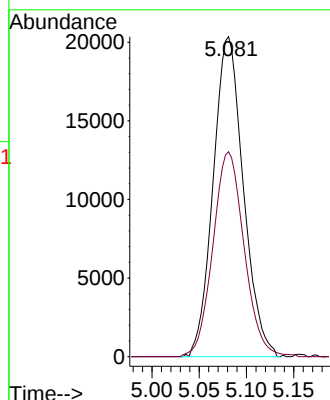
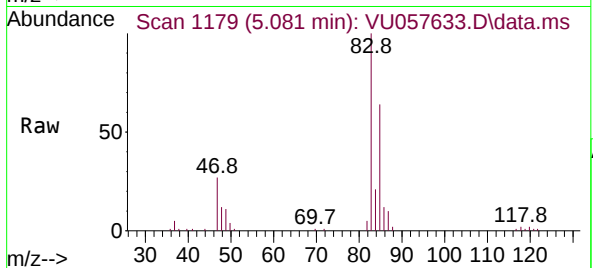
ClientSampleId :

Tgt Ion: 83 Resp: 45163

Ion Ratio Lower Upper

83 100

85 64.0 46.1 85.5



#27

1,2-Dichloroethane

Concen: 5.654 ug/L

RT: 5.788 min Scan# 1399

Delta R.T. 0.000 min

Lab File: VU057633.D

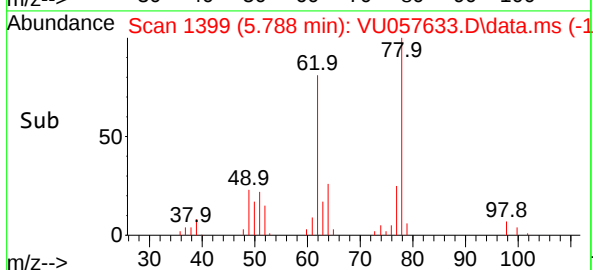
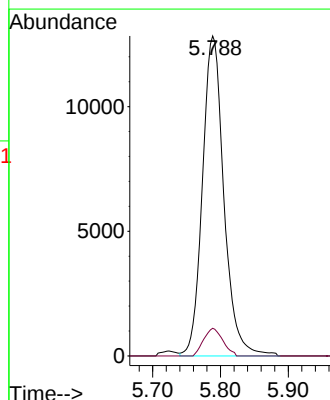
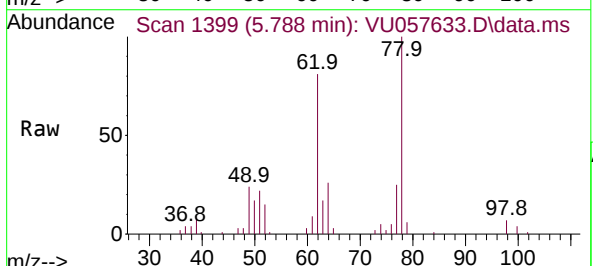
Acq: 24 Jan 2024 20:58

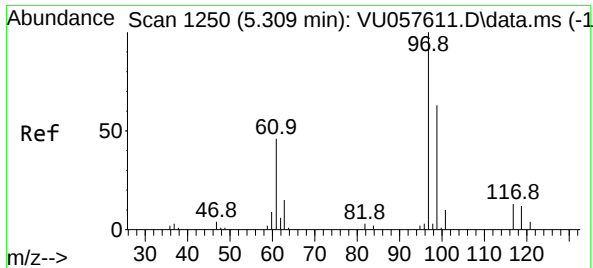
Tgt Ion: 62 Resp: 28233

Ion Ratio Lower Upper

62 100

98 8.6 6.9 10.3

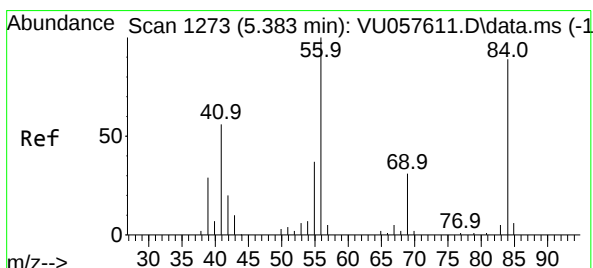
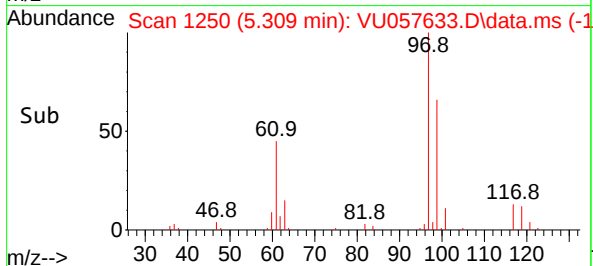
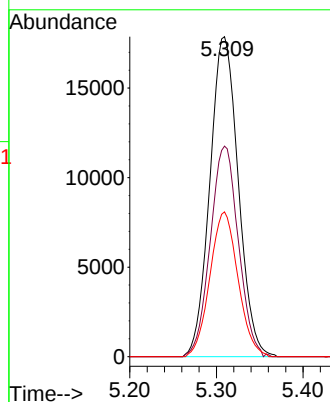
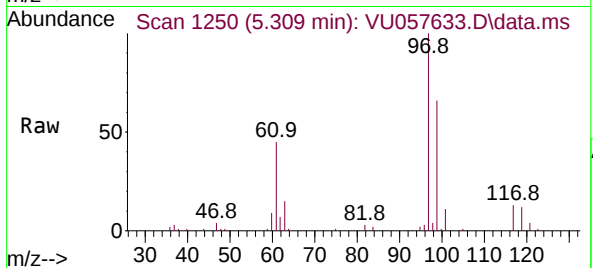




#29
1,1,1-Trichloroethane
Concen: 5.309 ug/L
RT: 5.309 min Scan# 11
Delta R.T. 0.000 min
Lab File: VU057633.D
Acq: 24 Jan 2024 20:58

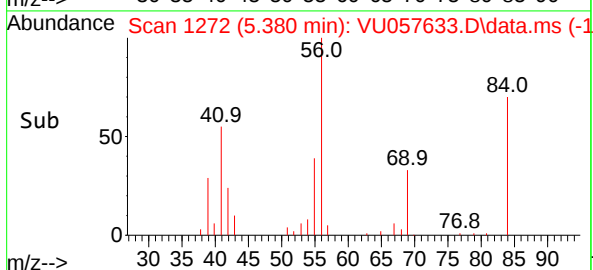
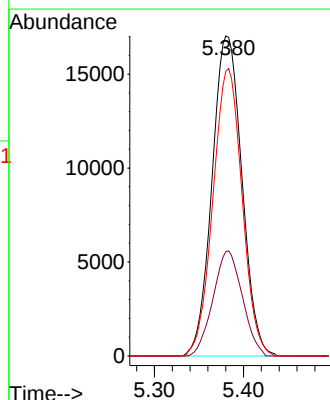
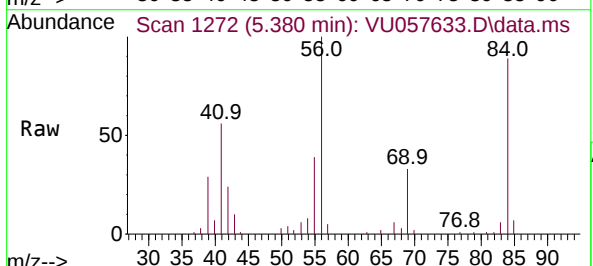
Instrument :
MSVOA_U
ClientSampleId :

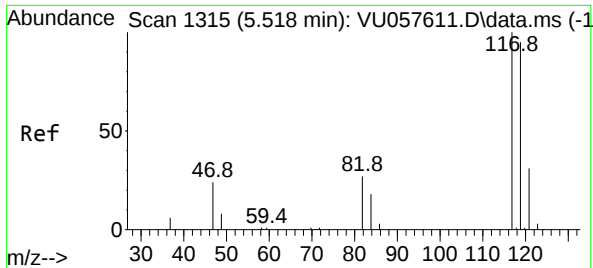
Tgt Ion:	97	Resp:	40749
Ion	Ratio	Lower	Upper
97	100		
99	65.1	52.0	78.0
61	44.8	35.3	52.9



#30
Cyclohexane
Concen: 5.347 ug/L
RT: 5.380 min Scan# 1272
Delta R.T. -0.003 min
Lab File: VU057633.D
Acq: 24 Jan 2024 20:58

Tgt Ion:	56	Resp:	39601
Ion	Ratio	Lower	Upper
56	100		
69	32.2	25.8	38.8
84	87.6	72.0	108.0

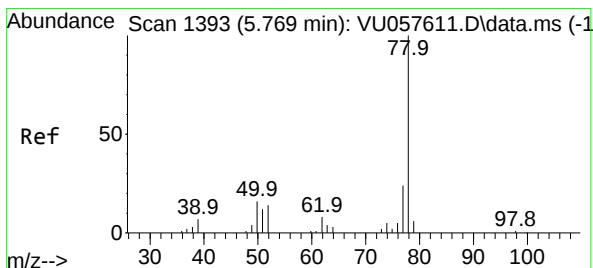
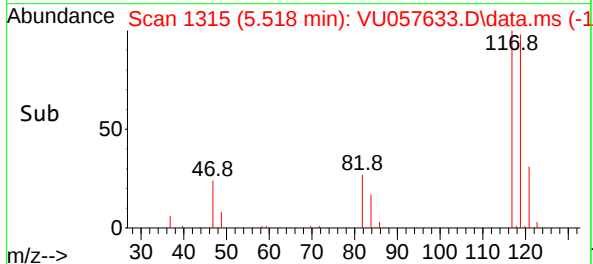
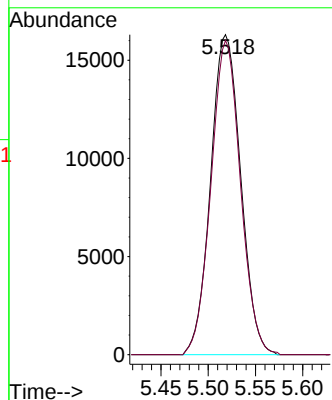
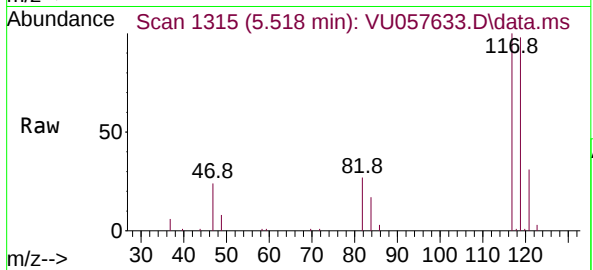




#31
Carbon tetrachloride
Concen: 5.329 ug/L
RT: 5.518 min Scan# 117
Delta R.T. 0.000 min
Lab File: VU057633.D
Acq: 24 Jan 2024 20:58

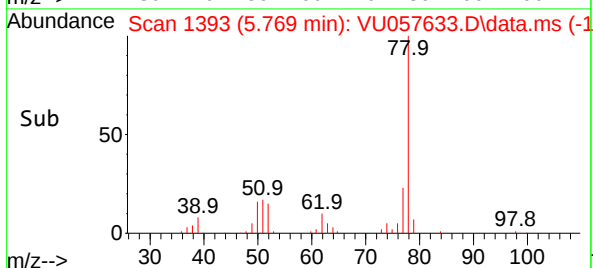
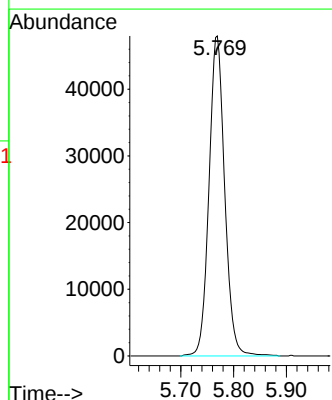
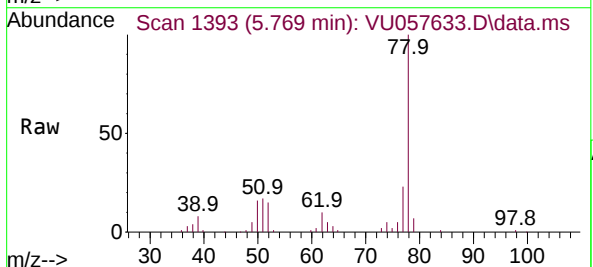
Instrument :
MSVOA_U
ClientSampleId :

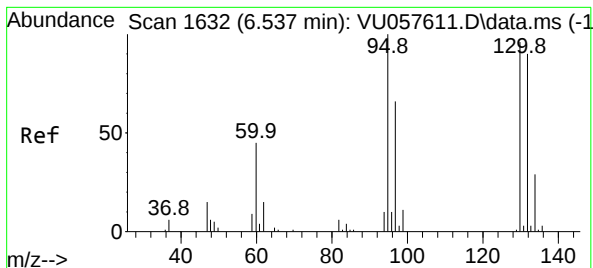
Tgt Ion:117 Resp: 36085
Ion Ratio Lower Upper
117 100
119 96.1 75.6 113.4



#33
Benzene
Concen: 5.519 ug/L
RT: 5.769 min Scan# 1393
Delta R.T. 0.000 min
Lab File: VU057633.D
Acq: 24 Jan 2024 20:58

Tgt Ion: 78 Resp: 98984





#34

Trichloroethene

Concen: 5.340 ug/L

RT: 6.537 min Scan# 1

Delta R.T. 0.000 min

Lab File: VU057633.D

Acq: 24 Jan 2024 20:58

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion: 95 Resp: 26407

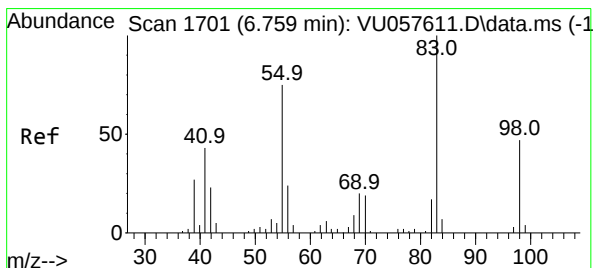
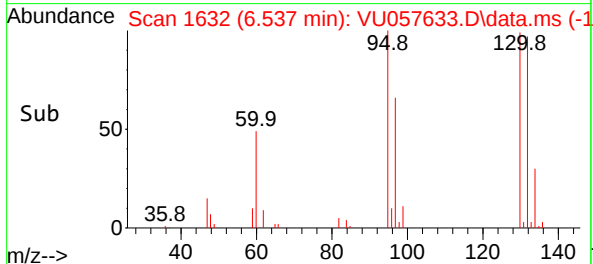
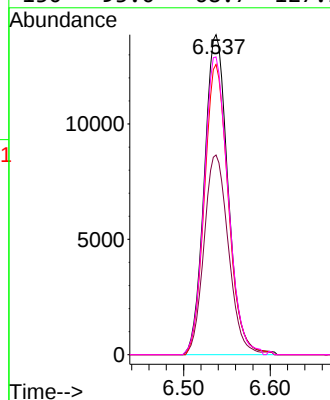
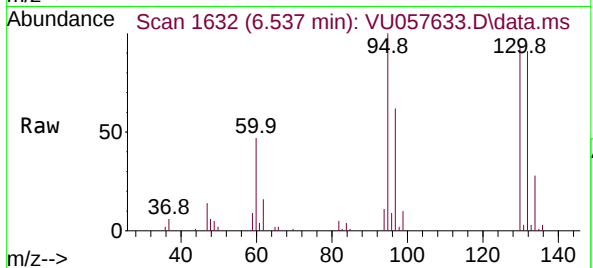
Ion Ratio Lower Upper

95 100

97 62.4 46.1 85.5

132 90.7 66.1 122.8

130 93.0 68.7 127.5



#35

Methylcyclohexane

Concen: 5.228 ug/L

RT: 6.756 min Scan# 1700

Delta R.T. -0.003 min

Lab File: VU057633.D

Acq: 24 Jan 2024 20:58

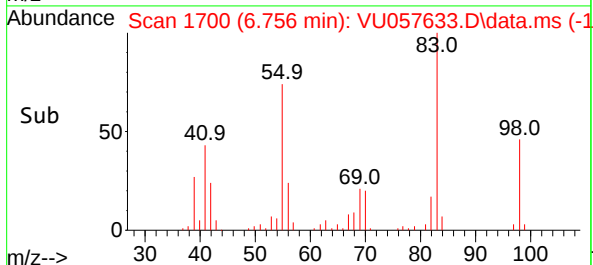
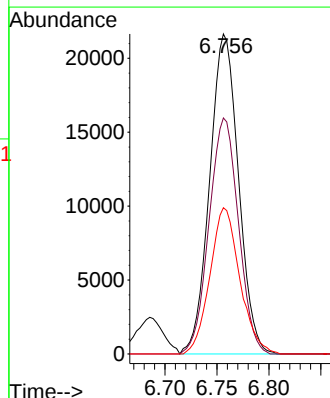
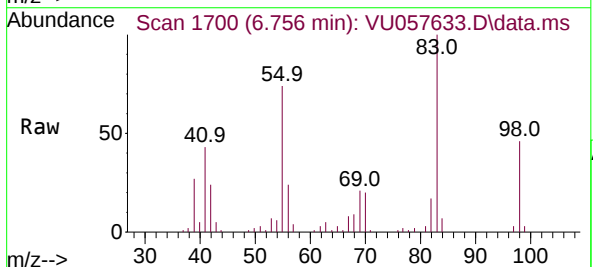
Tgt Ion: 83 Resp: 41759

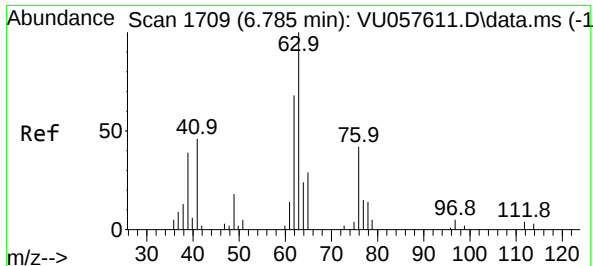
Ion Ratio Lower Upper

83 100

55 75.1 61.4 92.0

98 47.4 38.2 57.4

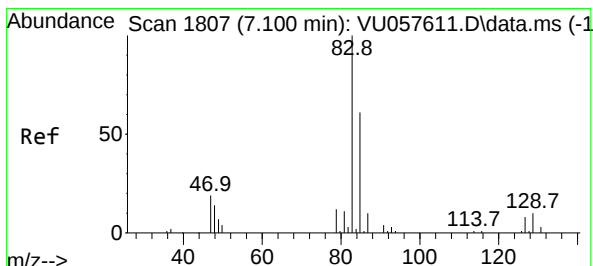
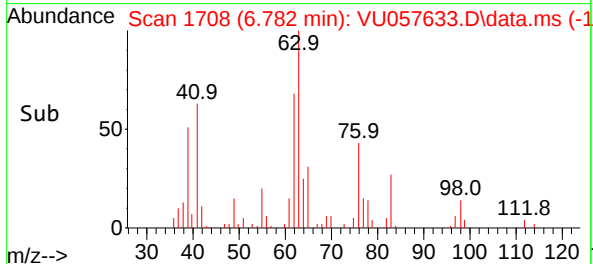
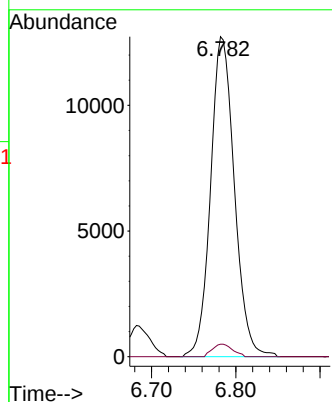
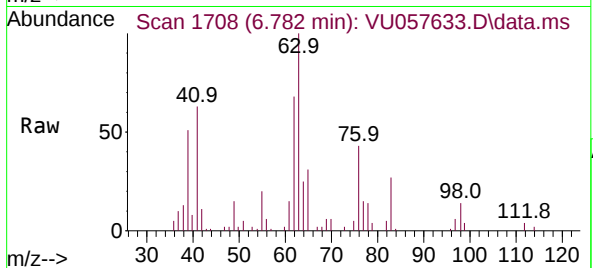




#37
1,2-Dichloropropane
Concen: 5.573 ug/L
RT: 6.782 min Scan# 1
Delta R.T. -0.003 min
Lab File: VU057633.D
Acq: 24 Jan 2024 20:58

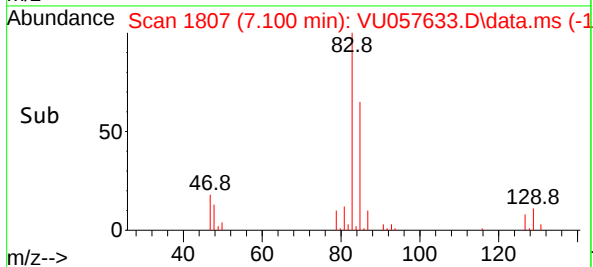
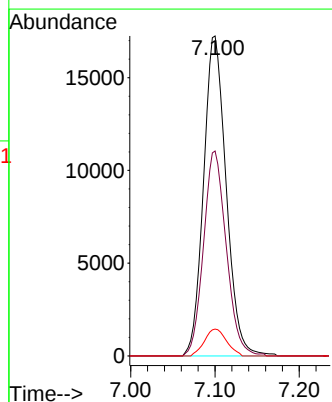
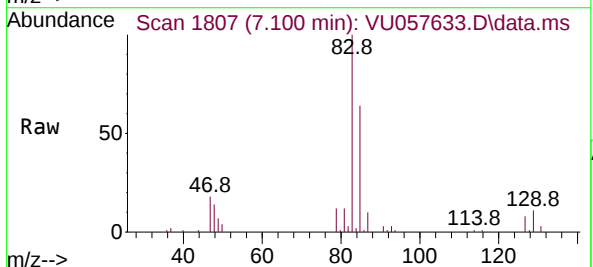
Instrument :
MSVOA_U
ClientSampleId :

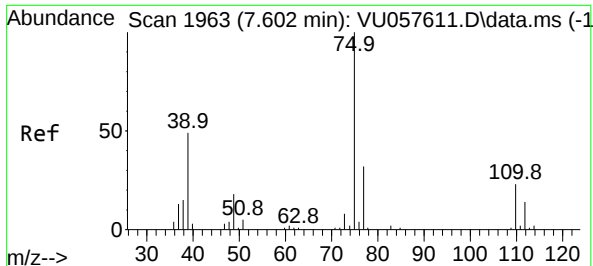
Tgt Ion: 63 Resp: 25005
Ion Ratio Lower Upper
63 100
112 3.3 3.0 4.4



#38
Bromodichloromethane
Concen: 5.338 ug/L
RT: 7.100 min Scan# 1807
Delta R.T. 0.000 min
Lab File: VU057633.D
Acq: 24 Jan 2024 20:58

Tgt Ion: 83 Resp: 32233
Ion Ratio Lower Upper
83 100
85 64.0 44.7 83.1
127 8.4 6.4 9.6





#39

cis-1,3-Dichloropropene

Concen: 5.272 ug/L

RT: 7.602 min Scan# 1963

Delta R.T. 0.000 min

Lab File: VU057633.D

Acq: 24 Jan 2024 20:58

Instrument :

MSVOA_U

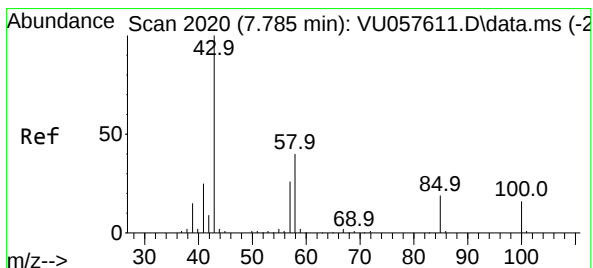
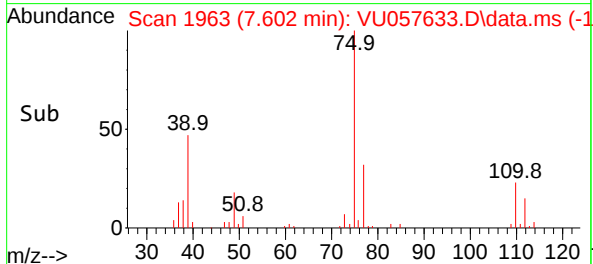
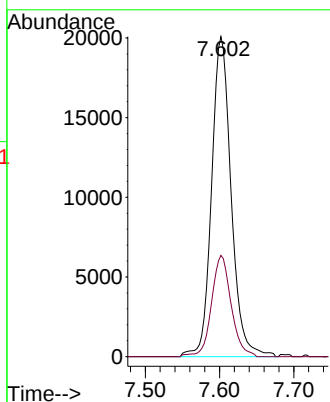
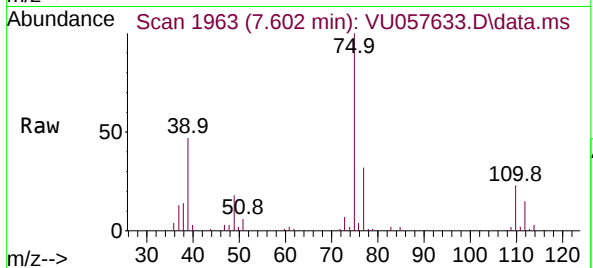
ClientSampleId :

Tgt Ion: 75 Resp: 36763

Ion Ratio Lower Upper

75 100

77 31.6 22.9 42.5



#40

4-Methyl-2-pentanone

Concen: 54.995 ug/L

RT: 7.785 min Scan# 2020

Delta R.T. 0.000 min

Lab File: VU057633.D

Acq: 24 Jan 2024 20:58

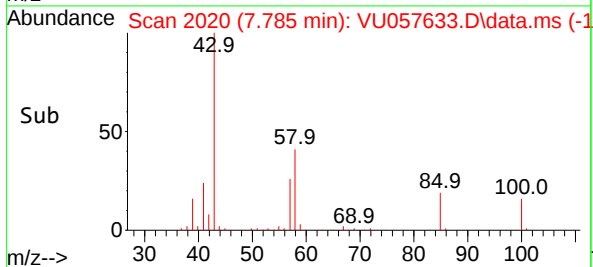
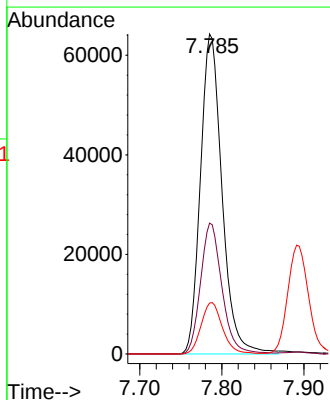
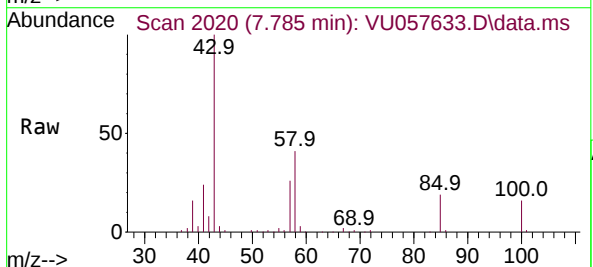
Tgt Ion: 43 Resp: 117758

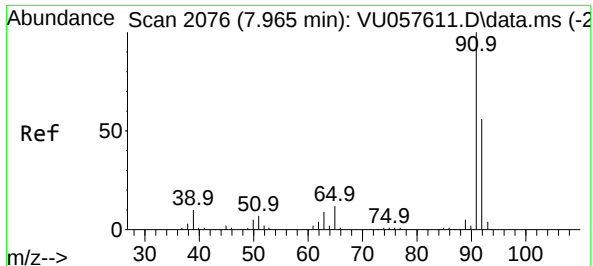
Ion Ratio Lower Upper

43 100

58 40.5 32.3 48.5

100 15.9 12.6 18.8





#42

Toluene

Concen: 5.493 ug/L

RT: 7.965 min Scan# 2076

Delta R.T. 0.000 min

Lab File: VU057633.D

Acq: 24 Jan 2024 20:58

Instrument :

MSVOA_U

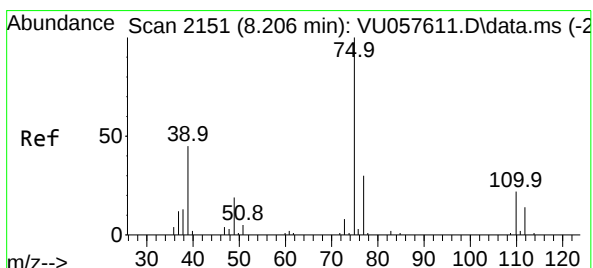
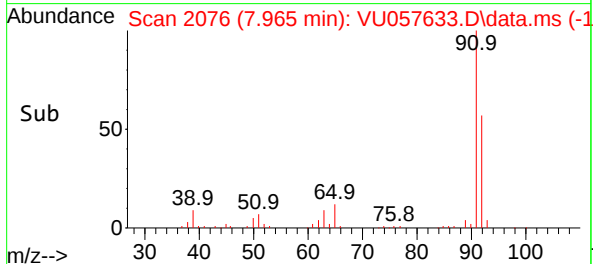
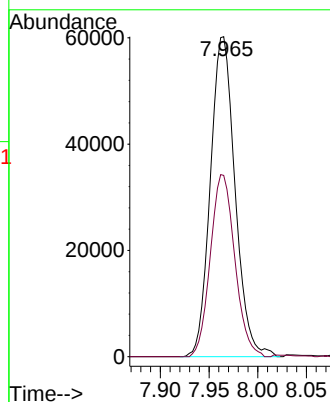
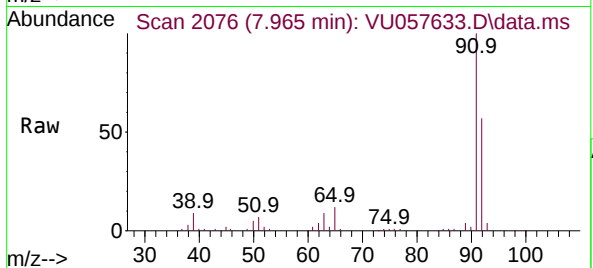
ClientSampleId :

Tgt Ion: 91 Resp: 106224

Ion Ratio Lower Upper

91 100

92 56.7 39.7 73.7



#44

trans-1,3-Dichloropropene

Concen: 5.180 ug/L

RT: 8.206 min Scan# 2151

Delta R.T. 0.000 min

Lab File: VU057633.D

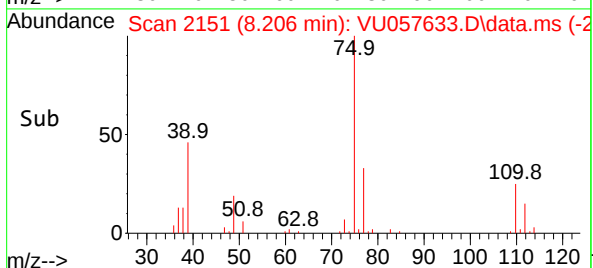
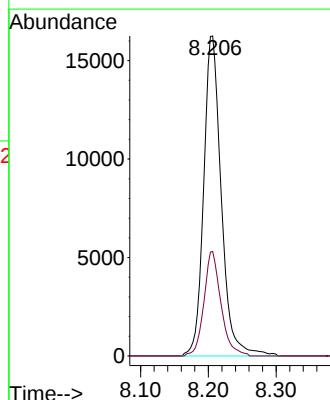
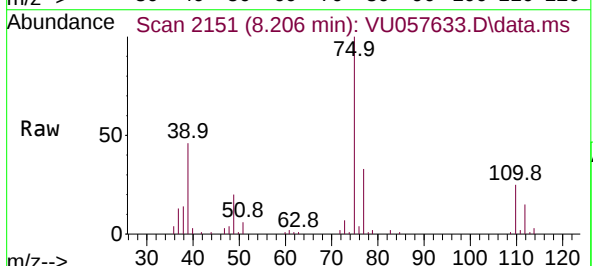
Acq: 24 Jan 2024 20:58

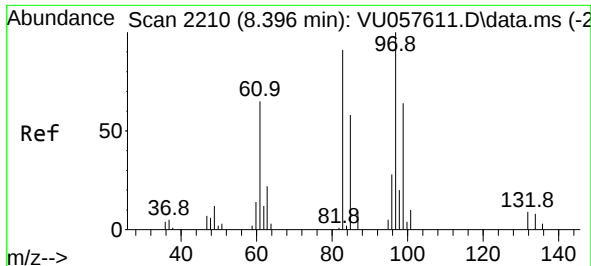
Tgt Ion: 75 Resp: 29358

Ion Ratio Lower Upper

75 100

77 32.7 21.3 39.6

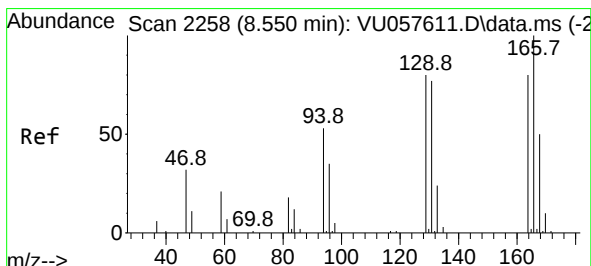
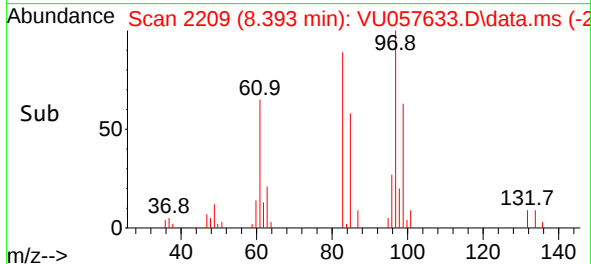
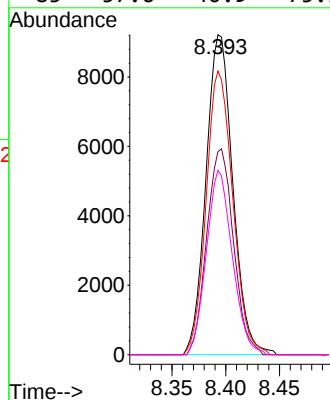
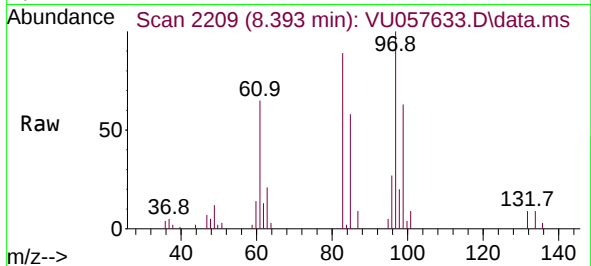




#45
1,1,2-Trichloroethane
Concen: 5.501 ug/L
RT: 8.393 min Scan# 21
Delta R.T. -0.003 min
Lab File: VU057633.D
Acq: 24 Jan 2024 20:58

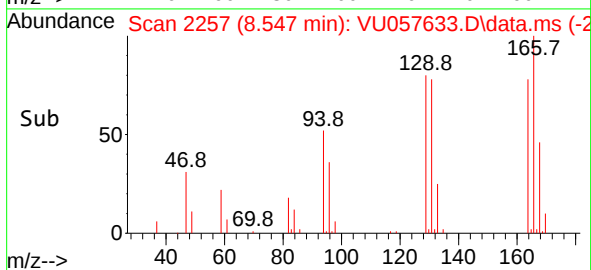
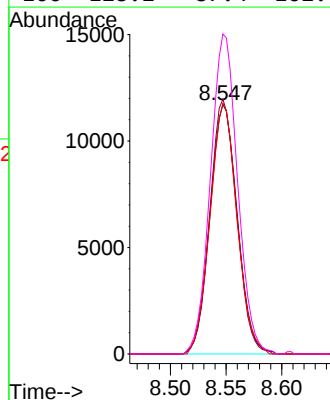
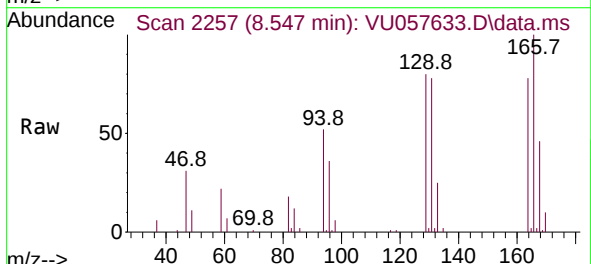
Instrument :
MSVOA_U
ClientSampleId :

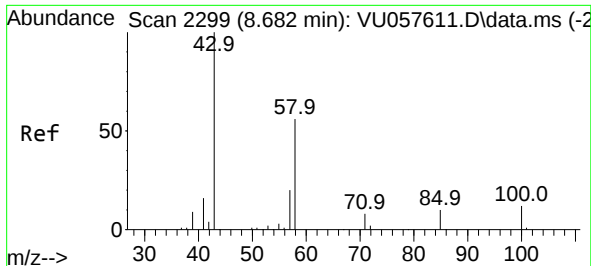
Tgt Ion: 97	Resp: 16056
Ion Ratio	Lower Upper
97 100	
99 63.5	45.1 83.7
83 88.6	62.3 115.7
85 57.6	40.9 75.9



#47
Tetrachloroethene
Concen: 5.485 ug/L
RT: 8.547 min Scan# 2257
Delta R.T. -0.003 min
Lab File: VU057633.D
Acq: 24 Jan 2024 20:58

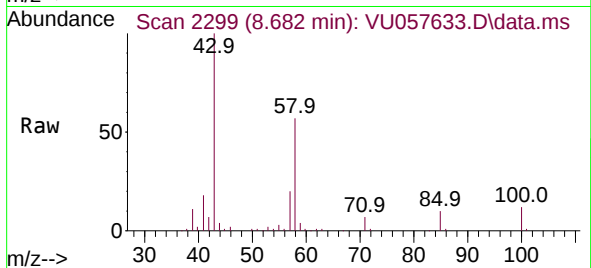
Tgt Ion: 164	Resp: 19931
Ion Ratio	Lower Upper
164 100	
129 102.1	71.3 132.5
131 100.4	68.1 126.5
166 128.2	87.4 162.4



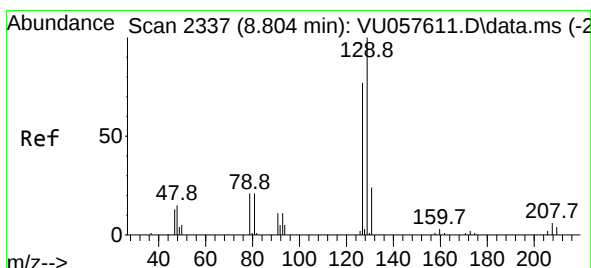
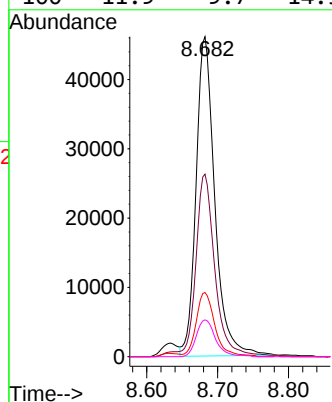
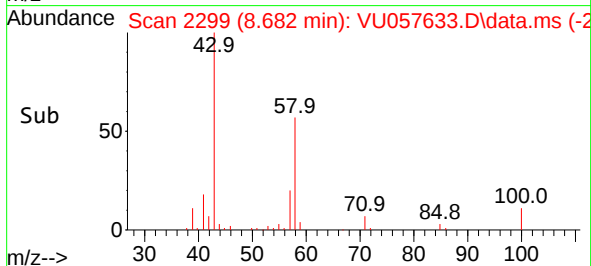


#48
2-Hexanone
Concen: 56.371 ug/L
RT: 8.682 min Scan# 2299
Delta R.T. 0.000 min
Lab File: VU057633.D
Acq: 24 Jan 2024 20:58

Instrument :
MSVOA_U
ClientSampleId :

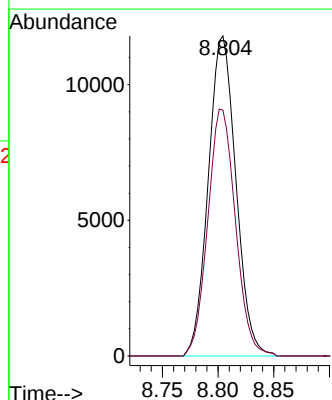
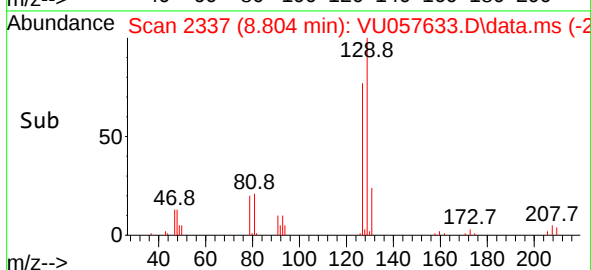
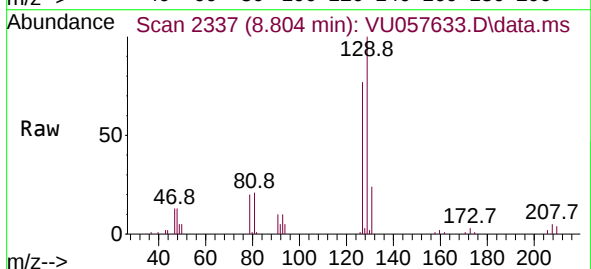


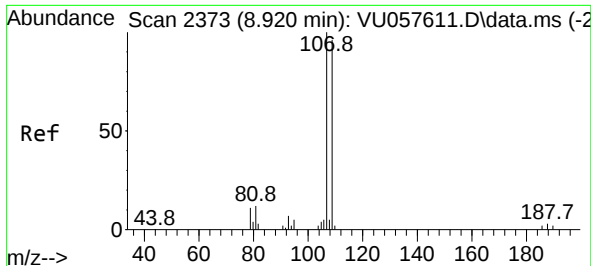
Tgt Ion: 43 Resp: 84697
Ion Ratio Lower Upper
43 100
58 59.1 44.3 66.5
57 20.2 15.5 23.3
100 11.9 9.7 14.5



#49
Dibromochloromethane
Concen: 5.386 ug/L
RT: 8.804 min Scan# 2337
Delta R.T. 0.000 min
Lab File: VU057633.D
Acq: 24 Jan 2024 20:58

Tgt Ion: 129 Resp: 20355
Ion Ratio Lower Upper
129 100
127 76.9 54.5 101.1

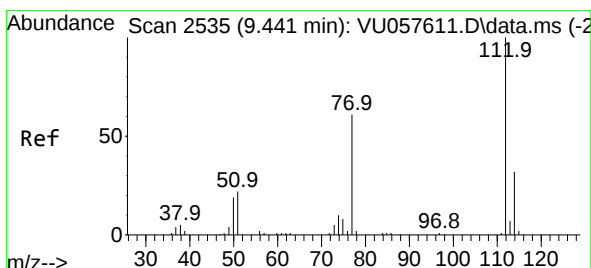
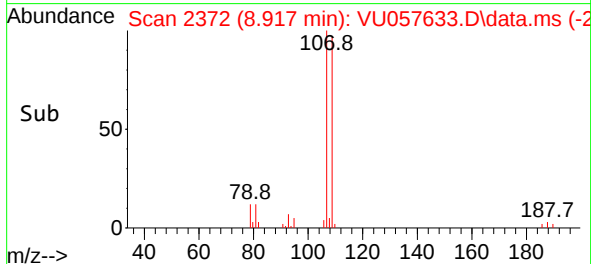
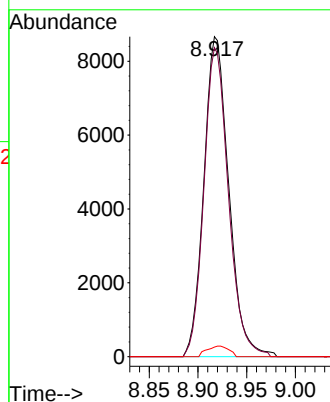
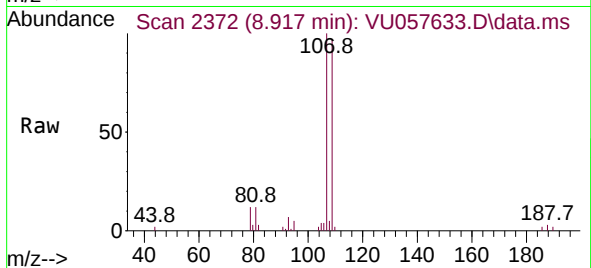




#50
1,2-Dibromoethane
Concen: 5.452 ug/L
RT: 8.917 min Scan# 21
Delta R.T. -0.003 min
Lab File: VU057633.D
Acq: 24 Jan 2024 20:58

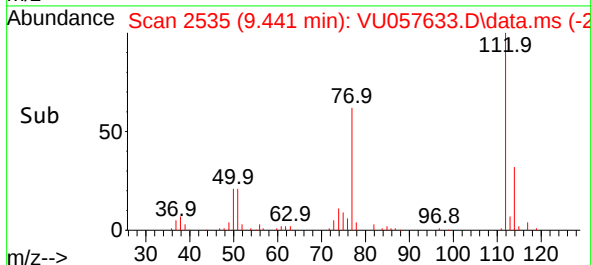
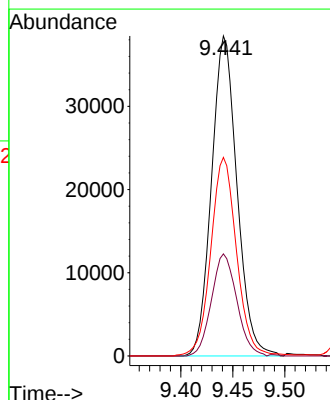
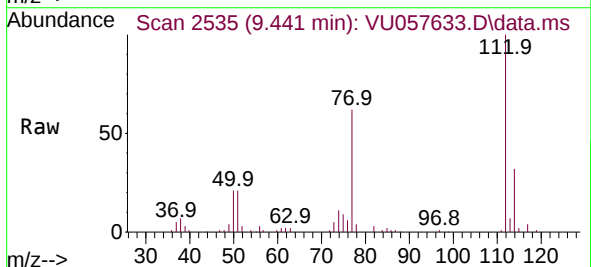
Instrument :
MSVOA_U
ClientSampleId :

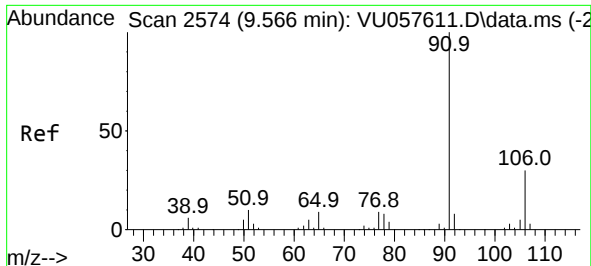
Tgt Ion:107 Resp: 15443
Ion Ratio Lower Upper
107 100
109 96.6 64.5 119.9
188 3.0 2.9 4.3



#51
Chlorobenzene
Concen: 5.409 ug/L
RT: 9.441 min Scan# 2535
Delta R.T. 0.000 min
Lab File: VU057633.D
Acq: 24 Jan 2024 20:58

Tgt Ion:112 Resp: 65616
Ion Ratio Lower Upper
112 100
114 31.9 22.0 40.8
77 62.1 49.2 73.8





#52

Ethylbenzene

Concen: 5.413 ug/L

RT: 9.563 min Scan# 2

Delta R.T. -0.003 min

Lab File: VU057633.D

Acq: 24 Jan 2024 20:58

Instrument :

MSVOA_U

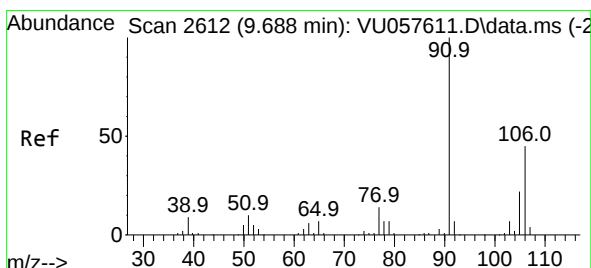
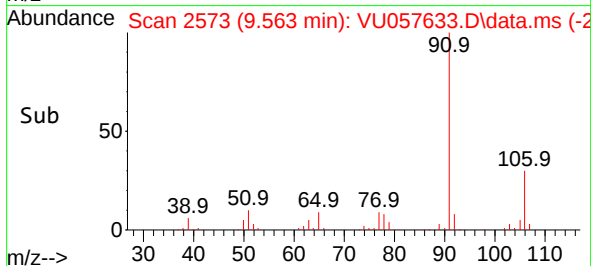
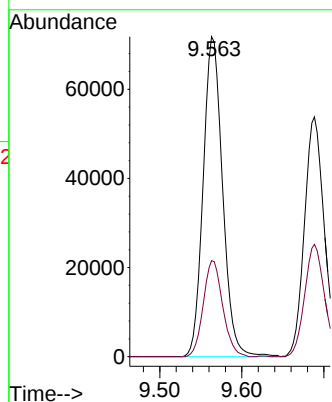
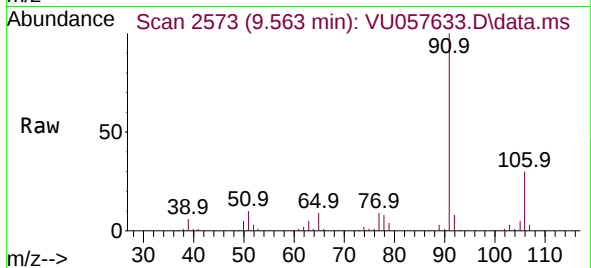
ClientSampleId :

Tgt Ion: 91 Resp: 117965

Ion Ratio Lower Upper

91 100

106 30.0 21.3 39.5



#53

m,p-Xylene

Concen: 5.375 ug/L

RT: 9.688 min Scan# 2612

Delta R.T. 0.000 min

Lab File: VU057633.D

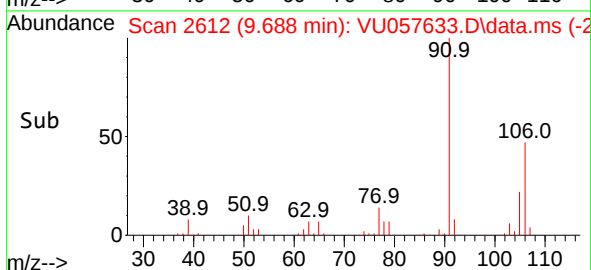
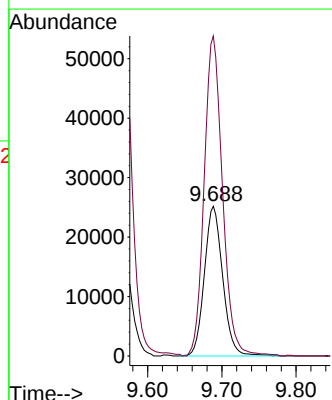
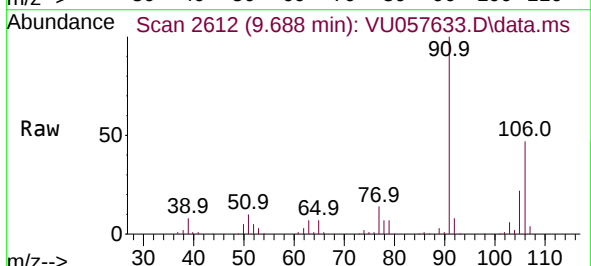
Acq: 24 Jan 2024 20:58

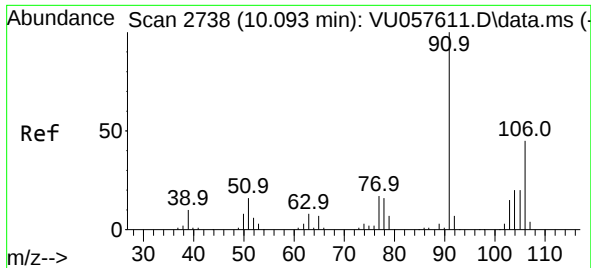
Tgt Ion:106 Resp: 43217

Ion Ratio Lower Upper

106 100

91 213.6 146.9 272.9

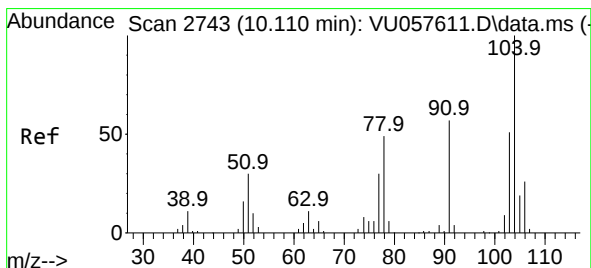
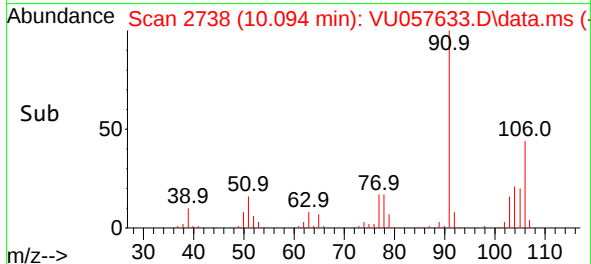
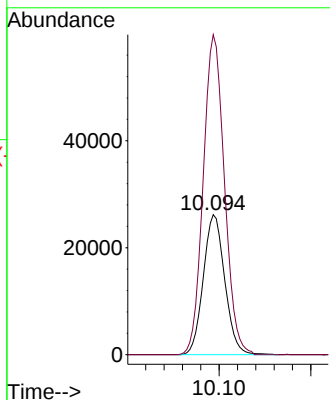
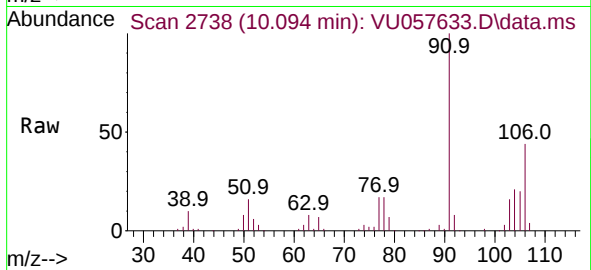




#54
o-Xylene
Concen: 5.422 ug/L
RT: 10.094 min Scan# 2738
Delta R.T. 0.000 min
Lab File: VU057633.D
Acq: 24 Jan 2024 20:58

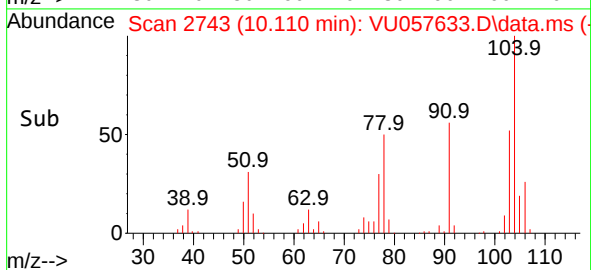
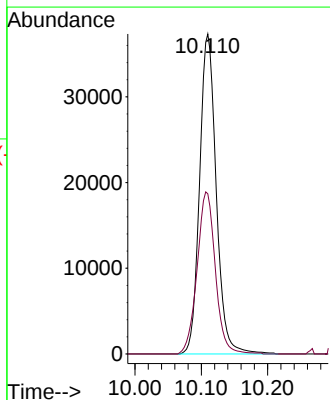
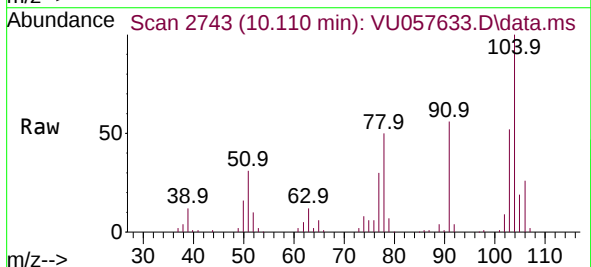
Instrument :
MSVOA_U
ClientSampleId :

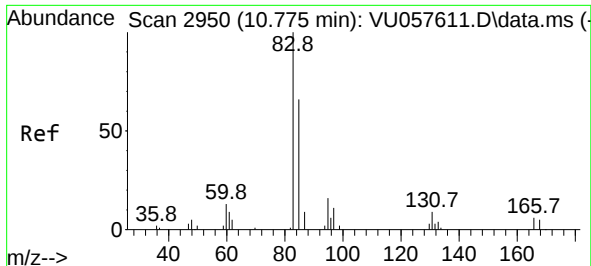
Tgt Ion:106 Resp: 42495
Ion Ratio Lower Upper
106 100
91 228.7 158.1 293.5



#55
Styrene
Concen: 5.442 ug/L
RT: 10.110 min Scan# 2743
Delta R.T. 0.000 min
Lab File: VU057633.D
Acq: 24 Jan 2024 20:58

Tgt Ion:104 Resp: 65265
Ion Ratio Lower Upper
104 100
78 50.0 34.3 63.7





#57

1,1,2,2-Tetrachloroethane

Concen: 5.494 ug/L

RT: 10.775 min Scan# 2950

Delta R.T. 0.000 min

Lab File: VU057633.D

Acq: 24 Jan 2024 20:58

Instrument :

MSVOA_U

ClientSampleId :

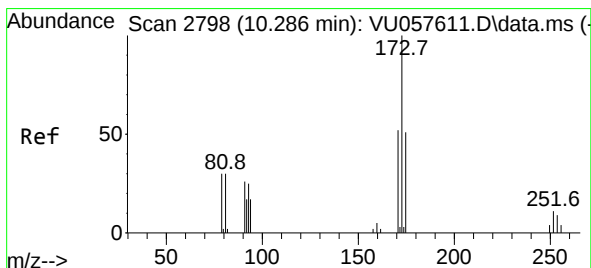
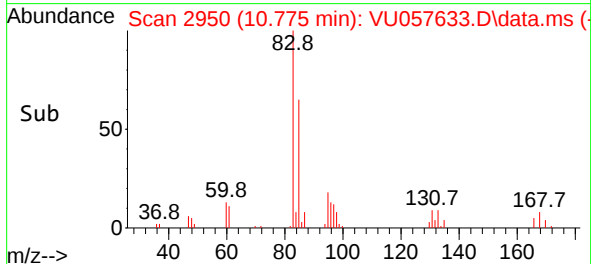
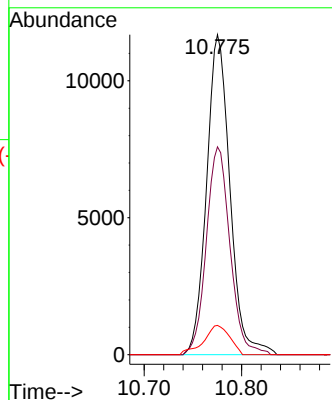
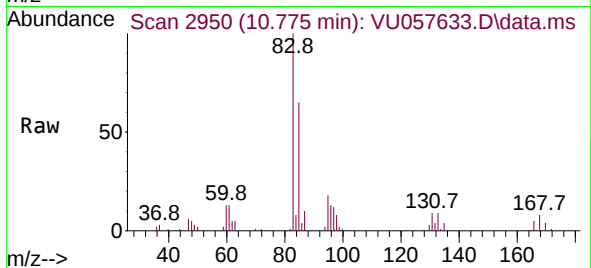
Tgt Ion: 83 Resp: 19457

Ion Ratio Lower Upper

83 100

85 64.9 44.4 82.5

131 9.2 8.3 12.5



#59

Bromoform

Concen: 5.392 ug/L

RT: 10.283 min Scan# 2797

Delta R.T. -0.003 min

Lab File: VU057633.D

Acq: 24 Jan 2024 20:58

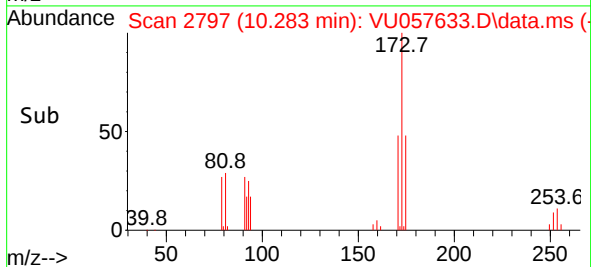
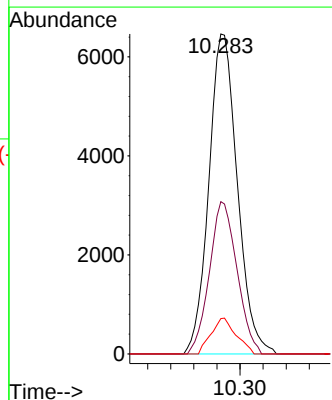
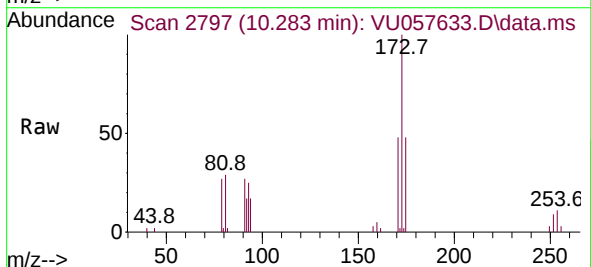
Tgt Ion:173 Resp: 11076

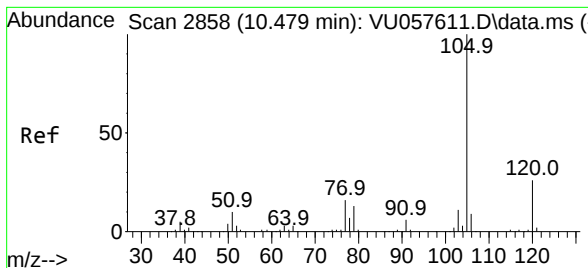
Ion Ratio Lower Upper

173 100

175 46.0 37.5 56.3

254 9.8 7.2 10.8





#60

Isopropylbenzene

Concen: 5.269 ug/L

RT: 10.479 min Scan# 2858

Delta R.T. 0.000 min

Lab File: VU057633.D

Acq: 24 Jan 2024 20:58

Instrument :

MSVOA_U

ClientSampleId :

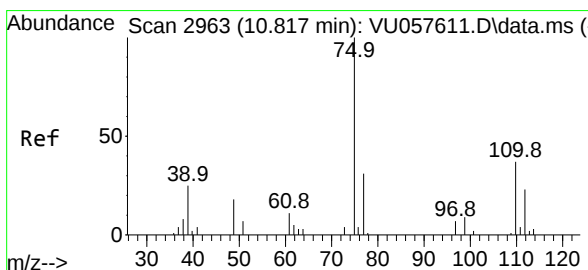
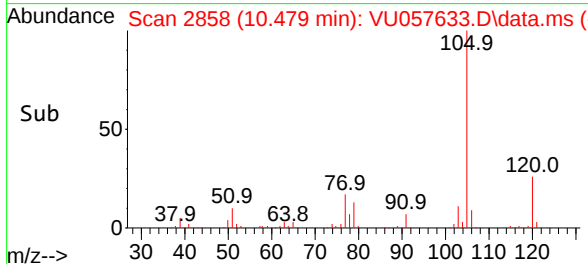
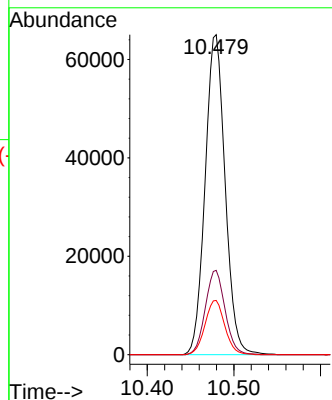
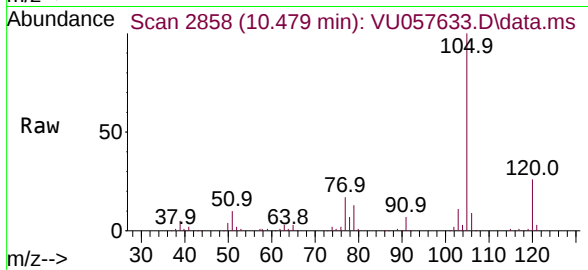
Tgt Ion:105 Resp: 104381

Ion Ratio Lower Upper

105 100

120 26.0 20.8 31.2

77 16.8 13.2 19.8



#61

1,2,3-Trichloropropane

Concen: 5.595 ug/L

RT: 10.817 min Scan# 2963

Delta R.T. 0.000 min

Lab File: VU057633.D

Acq: 24 Jan 2024 20:58

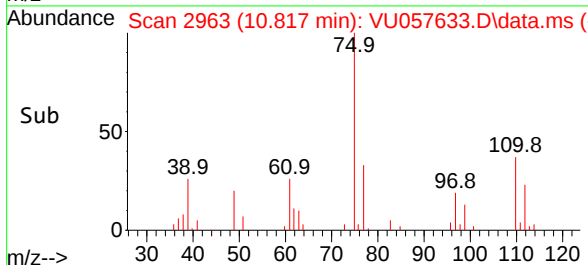
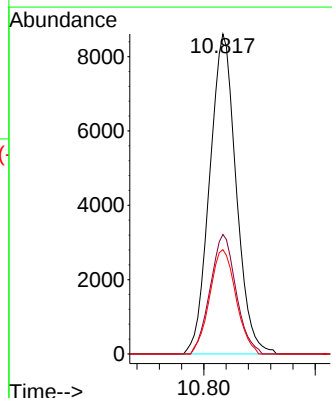
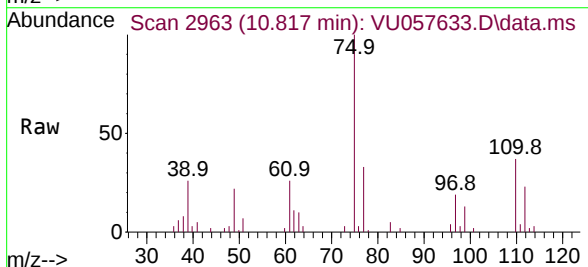
Tgt Ion: 75 Resp: 14198

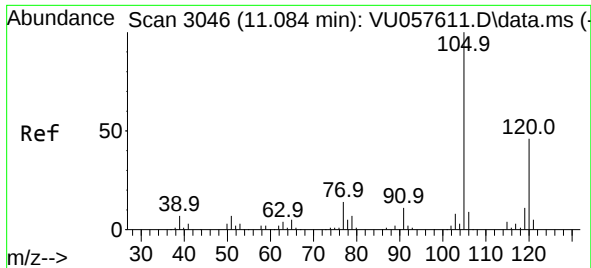
Ion Ratio Lower Upper

75 100

110 36.4 30.1 45.1

77 32.3 25.5 38.3

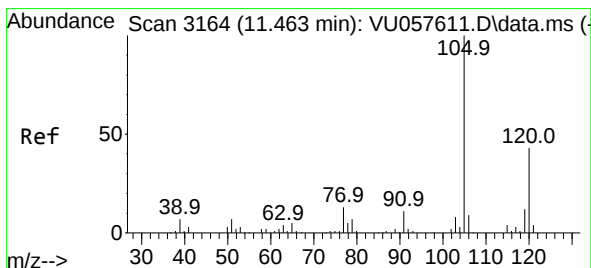
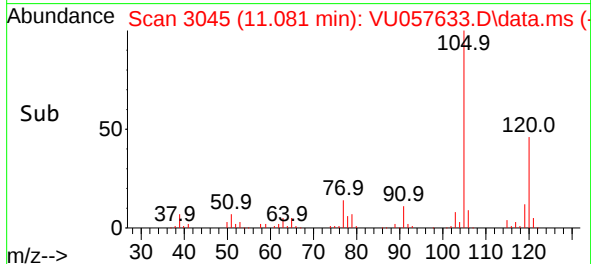
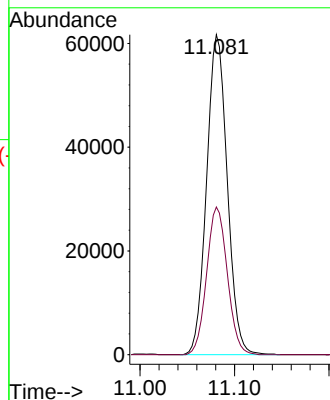
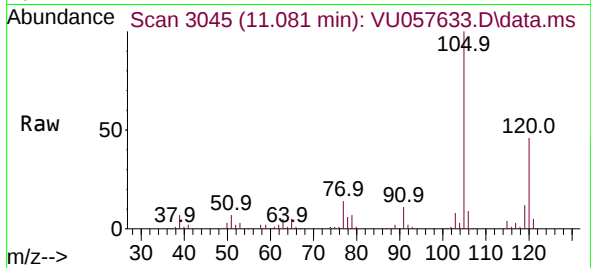




#62
1,3,5-Trimethylbenzene
Concen: 5.300 ug/L
RT: 11.081 min Scan# 3046
Delta R.T. -0.003 min
Lab File: VU057633.D
Acq: 24 Jan 2024 20:58

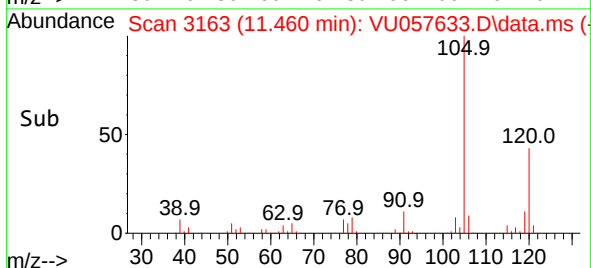
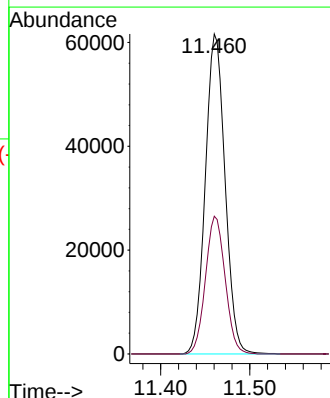
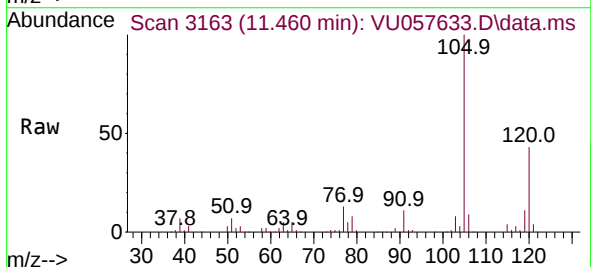
Instrument :
MSVOA_U
ClientSampleId :

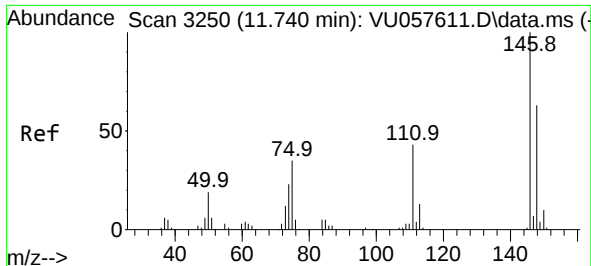
Tgt Ion:105 Resp: 93581
Ion Ratio Lower Upper
105 100
120 46.3 36.9 55.3



#63
1,2,4-Trimethylbenzene
Concen: 5.357 ug/L
RT: 11.460 min Scan# 3163
Delta R.T. -0.003 min
Lab File: VU057633.D
Acq: 24 Jan 2024 20:58

Tgt Ion:105 Resp: 94650
Ion Ratio Lower Upper
105 100
120 42.9 35.0 52.4

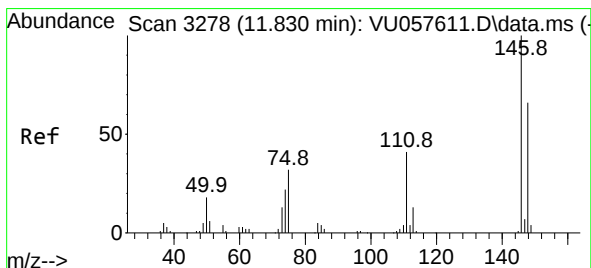
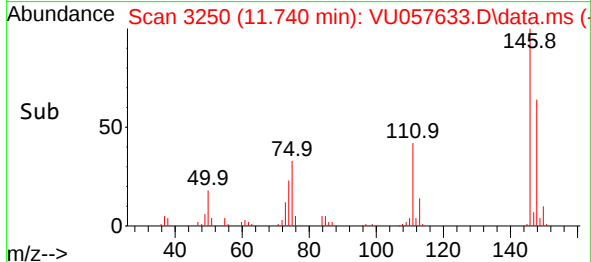
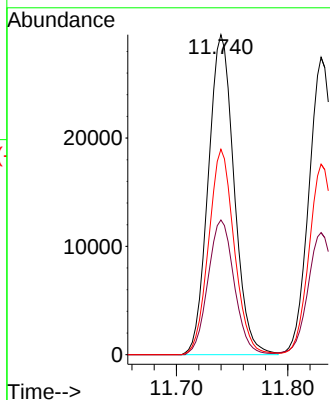
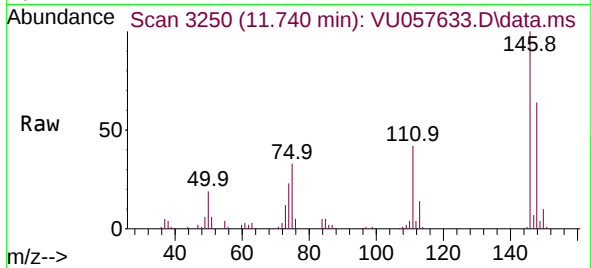




#64
1,3-Dichlorobenzene
Concen: 5.273 ug/L
RT: 11.740 min Scan# 31
Delta R.T. 0.000 min
Lab File: VU057633.D
Acq: 24 Jan 2024 20:58

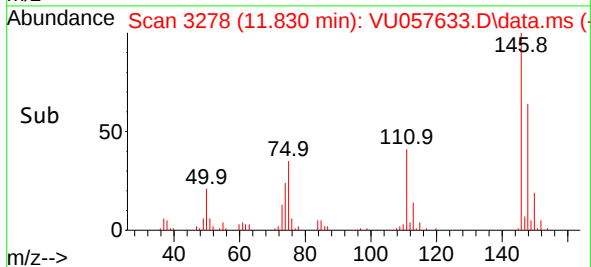
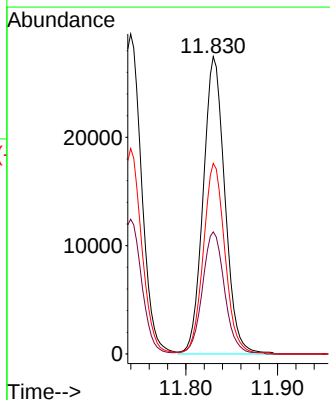
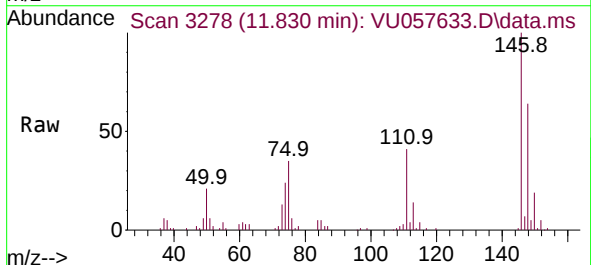
Instrument :
MSVOA_U
ClientSampleId :

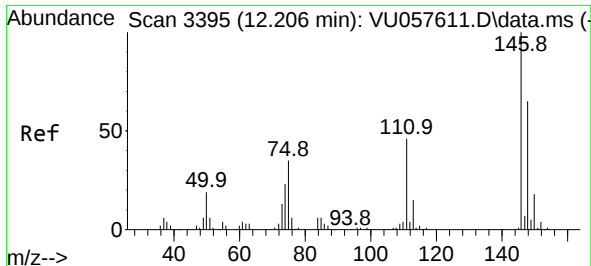
Tgt Ion:146 Resp: 47682
Ion Ratio Lower Upper
146 100
111 42.1 29.6 55.0
148 64.2 44.2 82.2



#65
1,4-Dichlorobenzene
Concen: 5.223 ug/L
RT: 11.830 min Scan# 3278
Delta R.T. 0.000 min
Lab File: VU057633.D
Acq: 24 Jan 2024 20:58

Tgt Ion:146 Resp: 45208
Ion Ratio Lower Upper
146 100
111 41.1 29.5 54.7
148 64.1 44.4 82.4





#67

1,2-Dichlorobenzene

Concen: 5.419 ug/L

RT: 12.206 min Scan# 31

Delta R.T. 0.000 min

Lab File: VU057633.D

Acq: 24 Jan 2024 20:58

Instrument :

MSVOA_U

ClientSampleId :

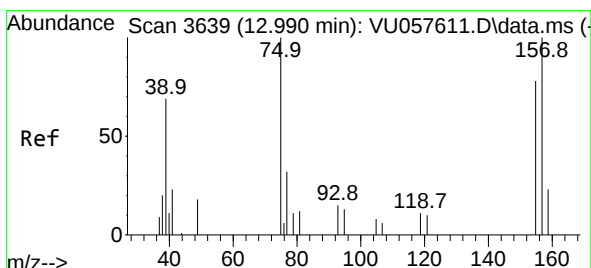
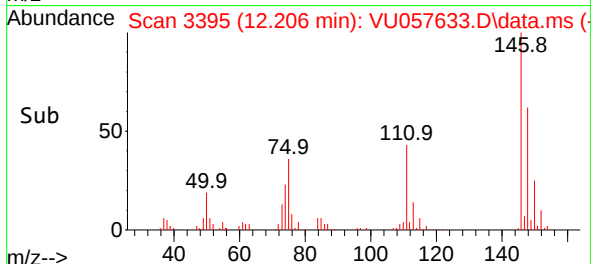
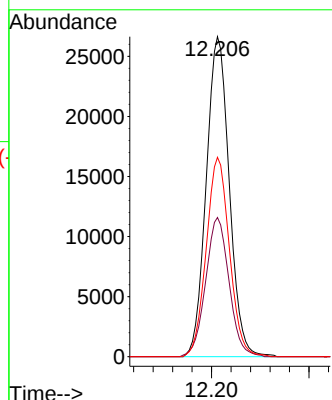
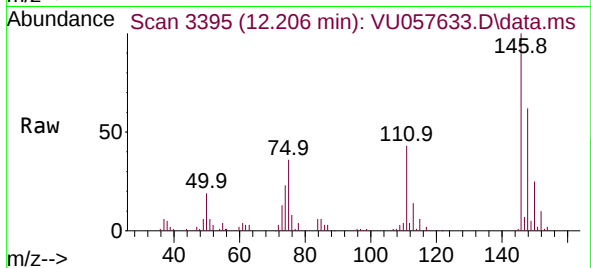
Tgt Ion:146 Resp: 43725

Ion Ratio Lower Upper

146 100

111 43.5 35.7 53.5

148 62.3 50.4 75.6



#68

1,2-Dibromo-3-chloropropane

Concen: 5.958 ug/L

RT: 12.991 min Scan# 3639

Delta R.T. 0.000 min

Lab File: VU057633.D

Acq: 24 Jan 2024 20:58

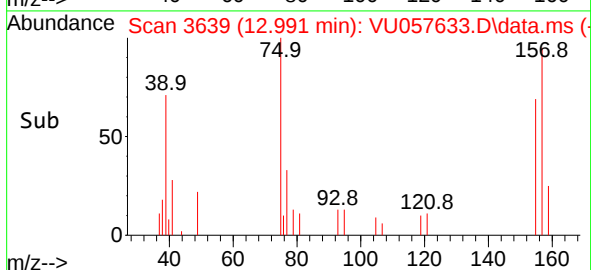
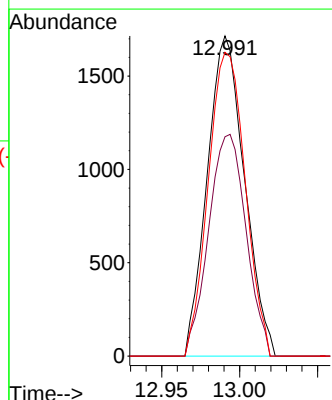
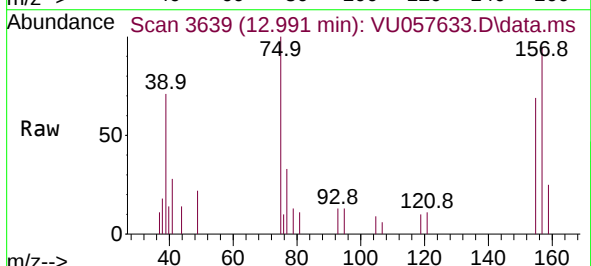
Tgt Ion: 75 Resp: 2846

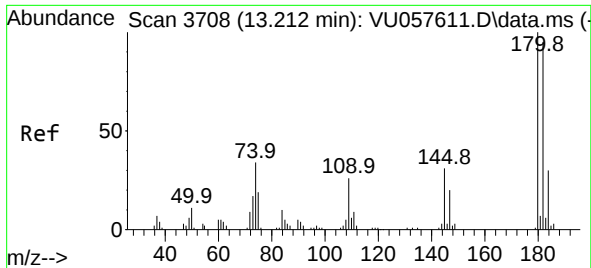
Ion Ratio Lower Upper

75 100

155 68.5 62.8 94.2

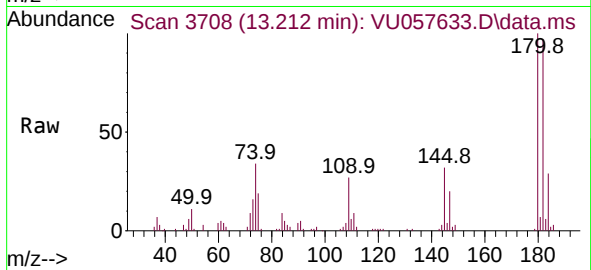
157 94.9 78.9 118.3



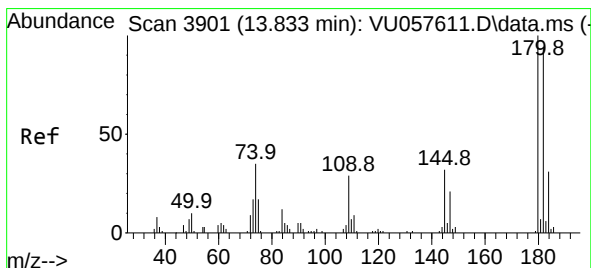
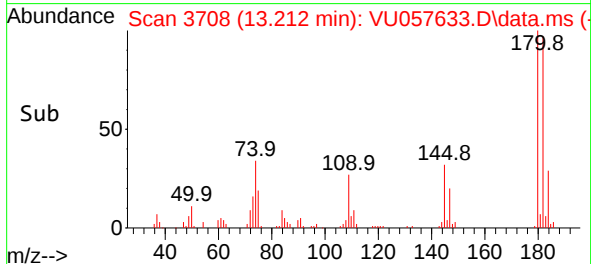
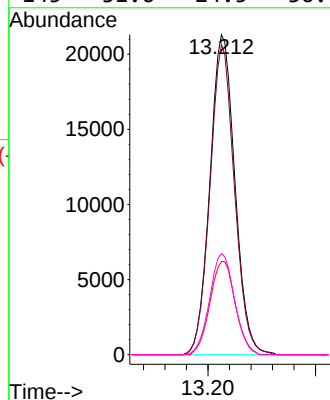


#69
 1,3,5-Trichlorobenzene
 Concen: 5.158 ug/L
 RT: 13.212 min Scan# 3708
 Delta R.T. 0.000 min
 Lab File: VU057633.D
 Acq: 24 Jan 2024 20:58

Instrument :
 MSVOA_U
 ClientSampleId :

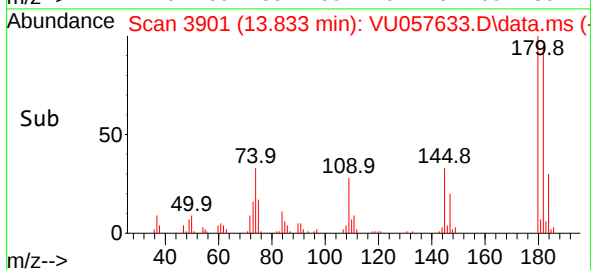
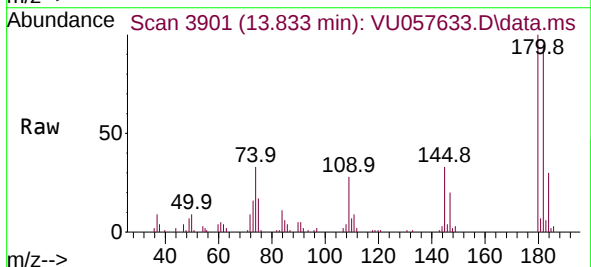
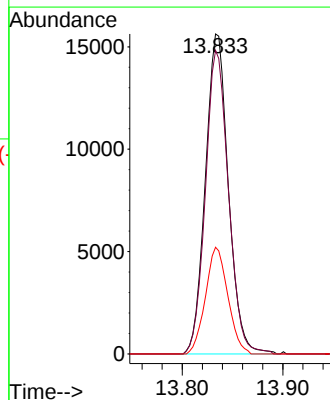


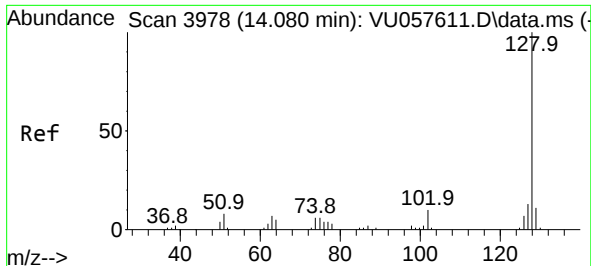
Tgt Ion:180 Resp: 34239
 Ion Ratio Lower Upper
 180 100
 182 94.9 75.4 113.2
 184 29.5 24.1 36.1
 145 31.6 24.5 36.7



#70
 1,2,4-trichlorobenzene
 Concen: 5.110 ug/L
 RT: 13.833 min Scan# 3901
 Delta R.T. 0.000 min
 Lab File: VU057633.D
 Acq: 24 Jan 2024 20:58

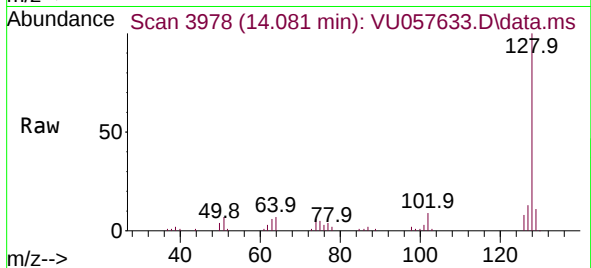
Tgt Ion:180 Resp: 24846
 Ion Ratio Lower Upper
 180 100
 182 95.0 74.9 112.3
 145 32.4 25.4 38.2



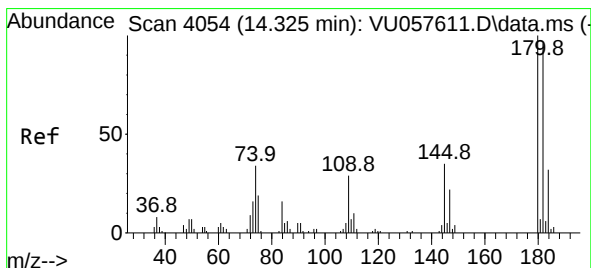
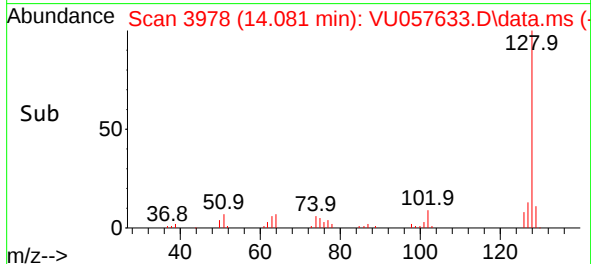
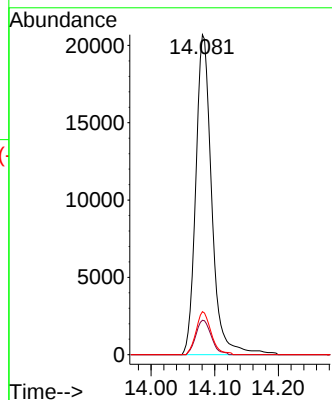


#71
Naphthalene
Concen: 5.239 ug/L
RT: 14.081 min Scan# 3978
Delta R.T. 0.000 min
Lab File: VU057633.D
Acq: 24 Jan 2024 20:58

Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion:128 Resp: 36061
Ion Ratio Lower Upper
128 100
129 10.4 8.6 13.0
127 12.7 10.0 15.0



#72
1,2,3-Trichlorobenzene
Concen: 5.204 ug/L
RT: 14.322 min Scan# 4053
Delta R.T. -0.003 min
Lab File: VU057633.D
Acq: 24 Jan 2024 20:58

Tgt Ion:180 Resp: 19696
Ion Ratio Lower Upper
180 100
182 94.8 78.1 117.1
145 33.8 26.7 40.1

