

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU031924\
 Data File : VU058152.D
 Acq On : 19 Mar 2024 12:35
 Operator : MD/SY
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Mar 20 05:17:43 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR022924WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Mar 14 04:37:22 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	139501	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	130389	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	60660	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.592	65	42946	4.279	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	85.600%
7) Chloroethane-d5	1.904	69	37472	4.542	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	90.800%
11) 1,1-Dichloroethene-d2	2.560	65	20182	4.647	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	93.000%
20) 2-Butanone-d5	4.618	46	80173	48.480	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	96.960%
24) Chloroform-d	5.052	84	90520	4.768	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.400%
26) 1,2-Dichloroethane-d4	5.692	65	41018	4.769	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.400%
32) Benzene-d6	5.717	84	174957	4.604	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.000%
36) 1,2-Dichloropropane-d6	6.682	67	54245	4.696	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	94.000%
41) Toluene-d8	7.891	98	154566	4.489	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	89.800%
43) trans-1,3-Dichloroprop...	8.174	79	15977	4.022	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	80.400%
46) 2-Hexanone-d5	8.627	63	62449	46.824	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	93.640%
56) 1,1,2,2-Tetrachloroeth...	10.749	84	33820	4.774	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	95.400%
66) 1,2-Dichlorobenzene-d4	12.187	152	44801	4.485	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	89.600%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.377	85	37088	4.388	ug/L	100
3) Chloromethane	1.515	50	45159	4.569	ug/L	97
5) Vinyl chloride	1.599	62	50389	4.740	ug/L	97
6) Bromomethane	1.853	94	26755	4.778	ug/L	100
8) Chloroethane	1.927	64	33211	4.961	ug/L	97
9) Trichlorofluoromethane	2.132	101	76162	5.029	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.573	101	48950	5.170	ug/L	98
12) 1,1-Dichloroethene	2.573	96	40515	4.813	ug/L	93
13) Acetone	2.627	43	56119	45.599	ug/L	97
14) Carbon disulfide	2.788	76	105064	4.037	ug/L	99
15) Methyl Acetate	2.946	43	14333	5.248	ug/L	97
16) Methylene chloride	3.036	84	48543	4.745	ug/L	98
17) Methyl tert-butyl Ether	3.348	73	100908	5.069	ug/L	98
18) trans-1,2-Dichloroethene	3.345	96	43105	4.702	ug/L	98
19) 1,1-Dichloroethane	3.856	63	95189	5.205	ug/L	99
21) 2-Butanone	4.698	43	94927	48.951	ug/L	100
22) cis-1,2-Dichloroethene	4.656	96	51740	5.130	ug/L	98
23) Bromochloromethane	4.968	128	19774	5.280	ug/L	98
25) Chloroform	5.078	83	100355	5.375	ug/L	98

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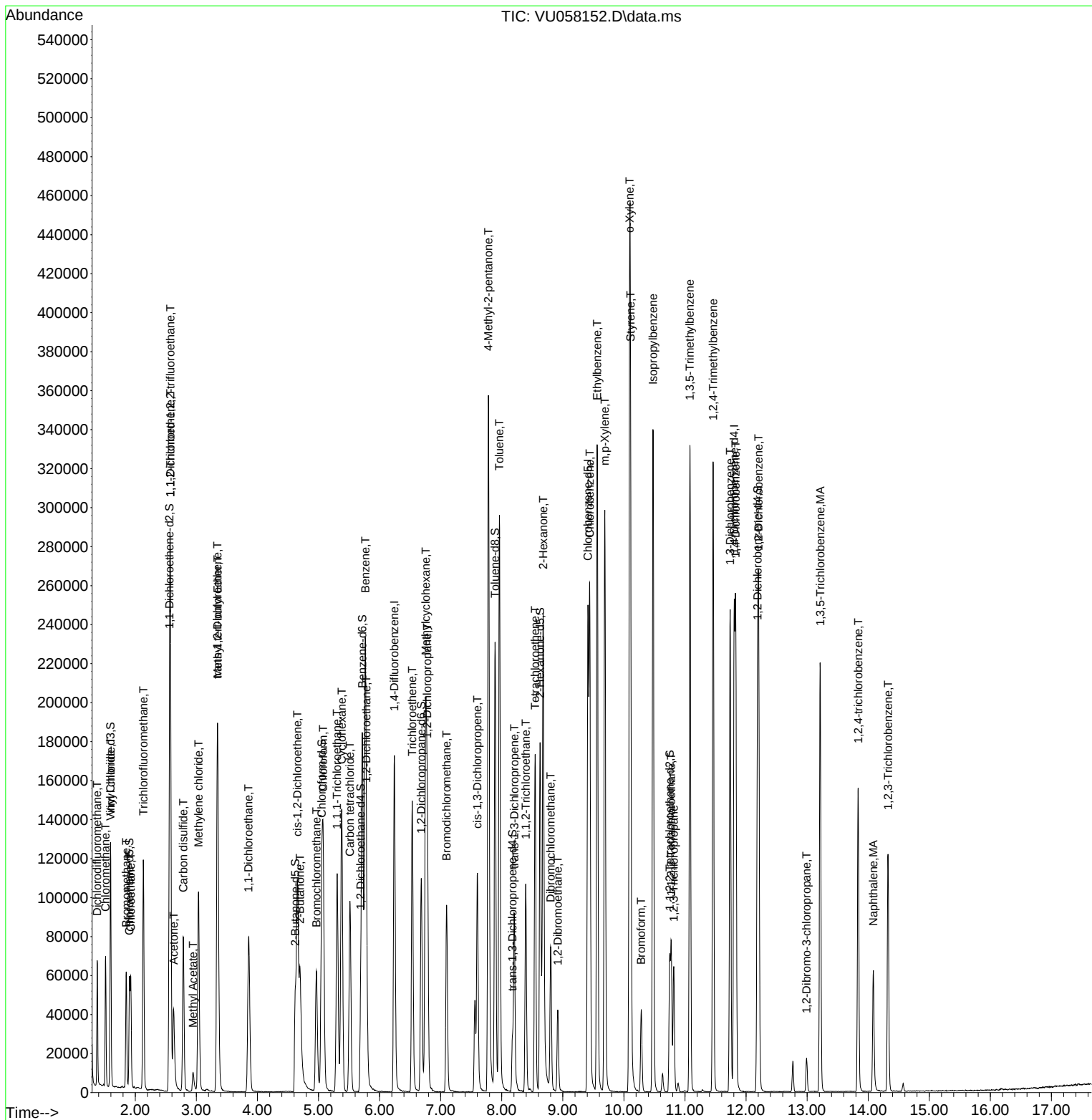
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 ClientSampleId :

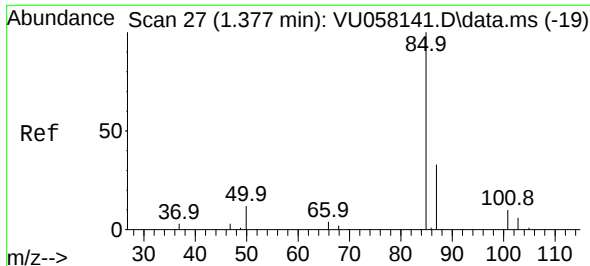
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 Quant Title : TRACE VOA SFAM1.0
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.785	62	54059	5.230	ug/L	99
29) 1,1,1-Trichloroethane	5.306	97	79977	5.153	ug/L	99
30) Cyclohexane	5.380	56	71905	4.588	ug/L	99
31) Carbon tetrachloride	5.515	117	67572	5.011	ug/L	100
33) Benzene	5.766	78	205730	5.142	ug/L	100
34) Trichloroethene	6.534	95	52128	4.952	ug/L	98
35) Methylcyclohexane	6.756	83	74570	4.621	ug/L	99
37) 1,2-Dichloropropane	6.782	63	54550	5.287	ug/L	100
38) Bromodichloromethane	7.097	83	63954	5.109	ug/L	99
39) cis-1,3-Dichloropropene	7.602	75	69331	4.877	ug/L	100
40) 4-Methyl-2-pentanone	7.782	43	246725	51.984	ug/L	99
42) Toluene	7.962	91	214728	5.153	ug/L	99
44) trans-1,3-Dichloropropene	8.206	75	54282	4.792	ug/L	97
45) 1,1,2-Trichloroethane	8.393	97	32760	5.355	ug/L	97
47) Tetrachloroethene	8.547	164	35756	4.896	ug/L	98
48) 2-Hexanone	8.679	43	171417	49.248	ug/L	99
49) Dibromochloromethane	8.801	129	37510	5.180	ug/L	97
50) 1,2-Dibromoethane	8.917	107	28889	5.321	ug/L	98
51) Chlorobenzene	9.441	112	131036	5.015	ug/L	98
52) Ethylbenzene	9.563	91	233093	4.999	ug/L	99
53) m,p-Xylene	9.688	106	84560	5.076	ug/L	98
54) o-Xylene	10.093	106	84124	5.067	ug/L	99
55) Styrene	10.110	104	133249	5.113	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.775	83	37060	5.142	ug/L	94
59) Bromoform	10.283	173	18723	5.534	ug/L	97
60) Isopropylbenzene	10.476	105	218007	5.396	ug/L	100
61) 1,2,3-Trichloropropane	10.817	75	27600	5.555	ug/L	99
62) 1,3,5-Trimethylbenzene	11.081	105	180174	5.288	ug/L	100
63) 1,2,4-Trimethylbenzene	11.463	105	177822	5.288	ug/L	100
64) 1,3-Dichlorobenzene	11.740	146	96458	5.253	ug/L	98
65) 1,4-Dichlorobenzene	11.830	146	90704	5.046	ug/L	99
67) 1,2-Dichlorobenzene	12.206	146	84479	5.269	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.990	75	4993	5.065	ug/L	97
69) 1,3,5-Trichlorobenzene	13.216	180	65996	4.996	ug/L	99
70) 1,2,4-trichlorobenzene	13.836	180	45659	4.601	ug/L	97
71) Naphthalene	14.084	128	53523	3.949	ug/L	99
72) 1,2,3-Trichlorobenzene	14.325	180	36654	4.675	ug/L	98

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

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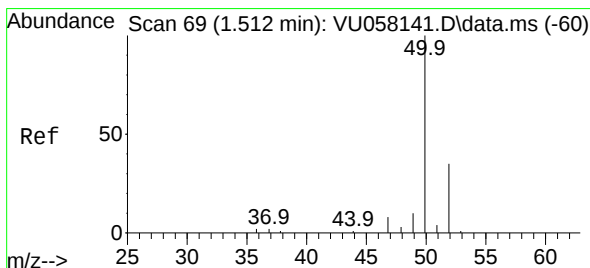
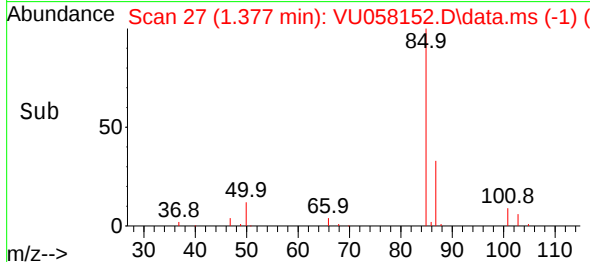
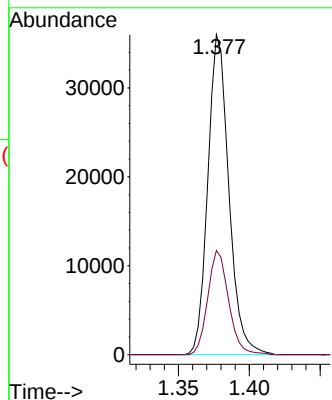
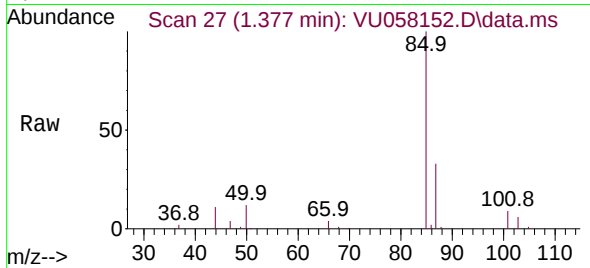




#2
 Dichlorodifluoromethane
 Concen: 4.388 ug/L
 RT: 1.377 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VU058152.D
 Acq: 19 Mar 2024 12:35

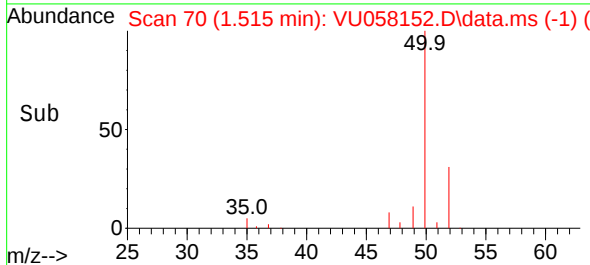
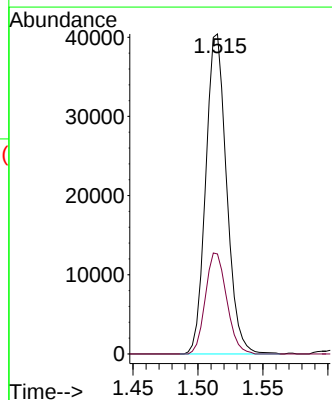
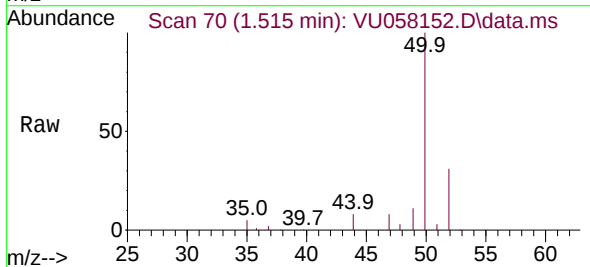
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 MSVOA_U
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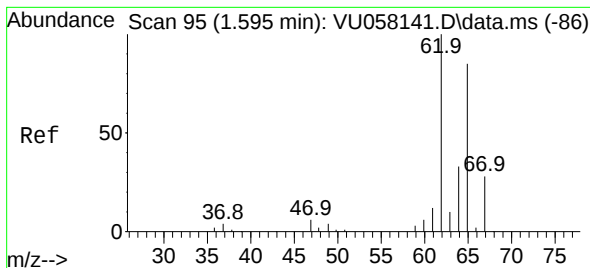
Tgt Ion: 85 Resp: 37088
 Ion Ratio Lower Upper
 85 100
 87 32.3 25.8 38.6



#3
 Chloromethane
 Concen: 4.569 ug/L
 RT: 1.515 min Scan# 70
 Delta R.T. -0.000 min
 Lab File: VU058152.D
 Acq: 19 Mar 2024 12:35

Tgt Ion: 50 Resp: 45159
 Ion Ratio Lower Upper
 50 100
 52 31.3 23.1 42.9





#5

Vinyl chloride

Concen: 4.740 ug/L

RT: 1.599 min Scan# 90

Delta R.T. -0.000 min

Lab File: VU058152.D

Acq: 19 Mar 2024 12:35

Instrument :

MSVOA_U

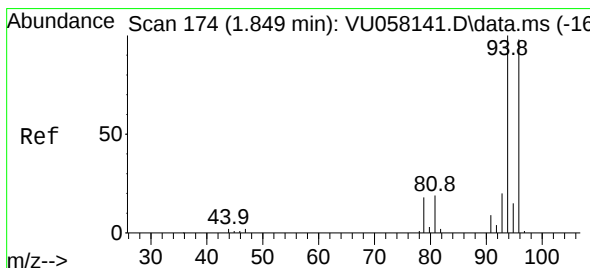
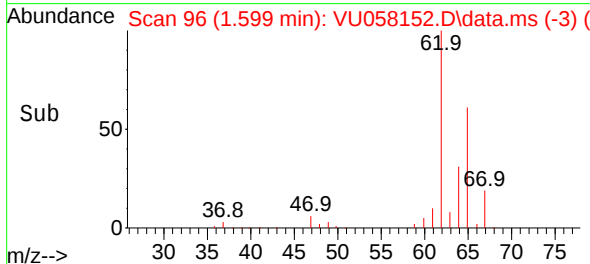
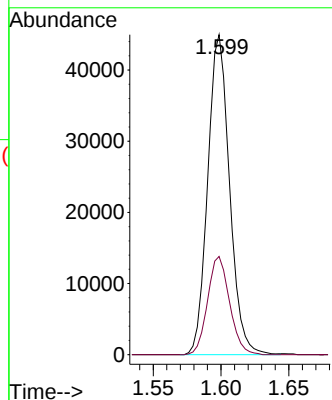
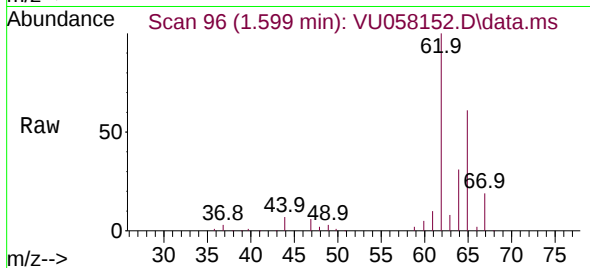
ClientSampleId :

Tgt Ion: 62 Resp: 50389

Ion Ratio Lower Upper

62 100

64 30.7 22.5 41.7



#6

Bromomethane

Concen: 4.778 ug/L

RT: 1.853 min Scan# 175

Delta R.T. -0.000 min

Lab File: VU058152.D

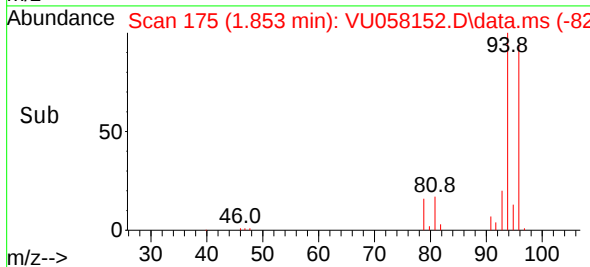
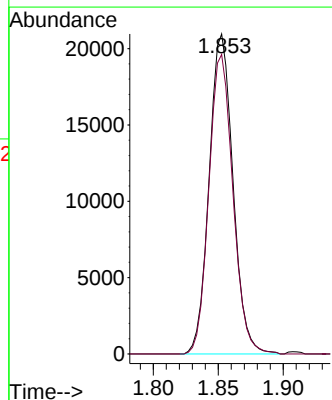
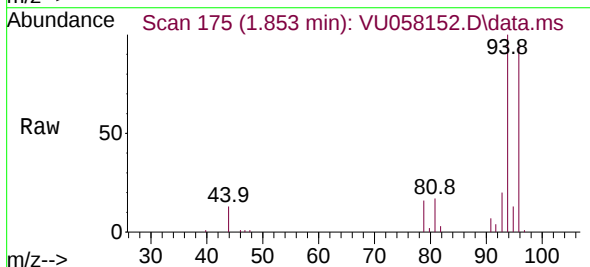
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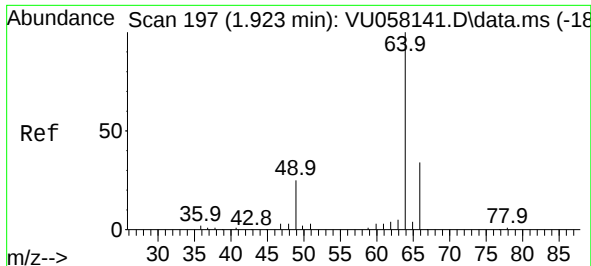
Tgt Ion: 94 Resp: 26755

Ion Ratio Lower Upper

94 100

96 93.6 65.2 121.2





#8

Chloroethane

Concen: 4.961 ug/L

RT: 1.927 min Scan# 197

Delta R.T. -0.000 min MSVOA_U

Lab File: VU058152.D

Acq: 19 Mar 2024 12:35

Instrument :

MSVOA_U

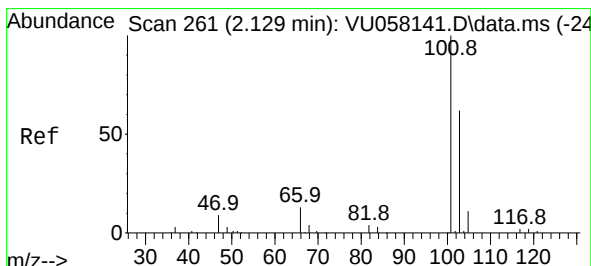
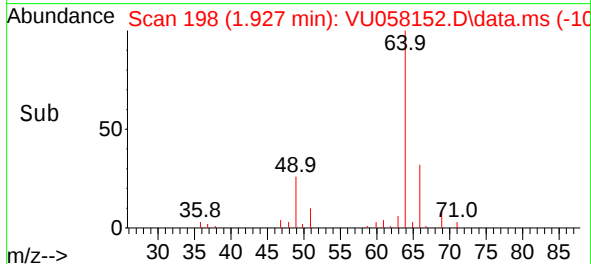
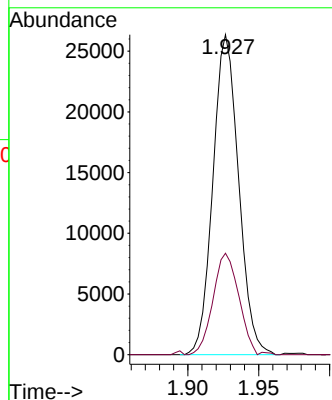
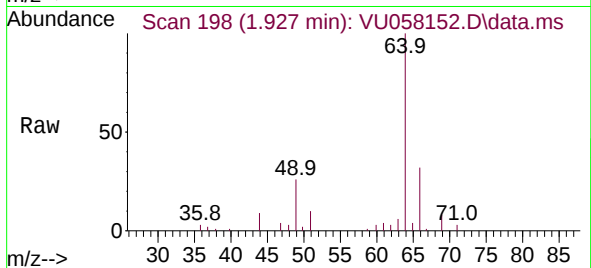
ClientSampleId :

Tgt Ion: 64 Resp: 33211

Ion Ratio Lower Upper

64 100

66 31.7 20.9 38.9



#9

Trichlorofluoromethane

Concen: 5.029 ug/L

RT: 2.132 min Scan# 262

Delta R.T. -0.000 min

Lab File: VU058152.D

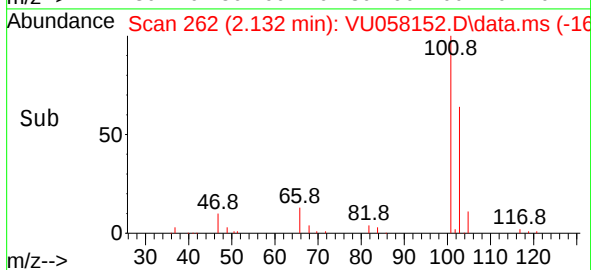
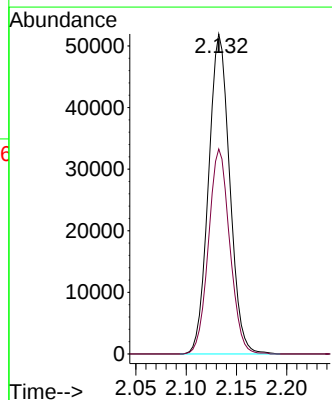
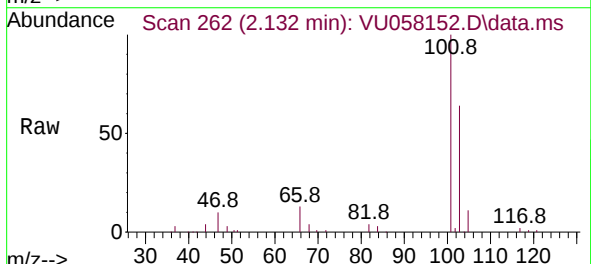
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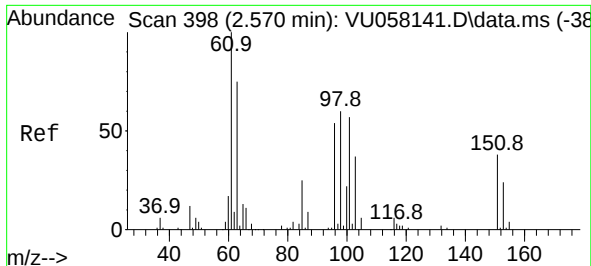
Tgt Ion:101 Resp: 76162

Ion Ratio Lower Upper

101 100

103 64.1 51.4 77.2

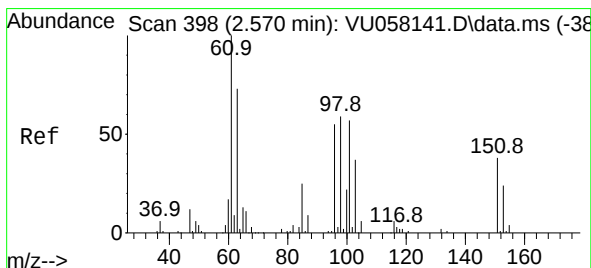
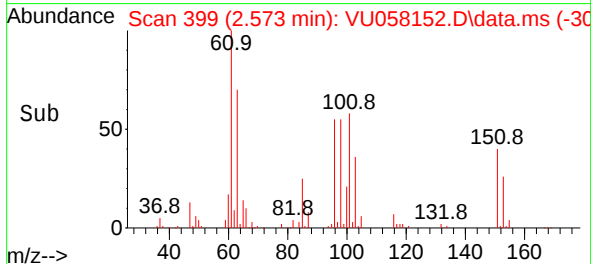
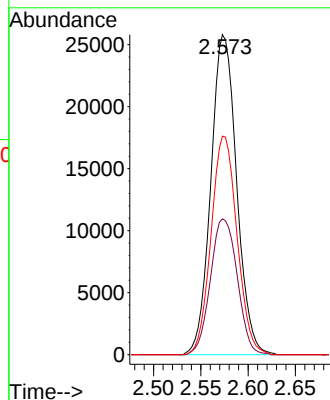
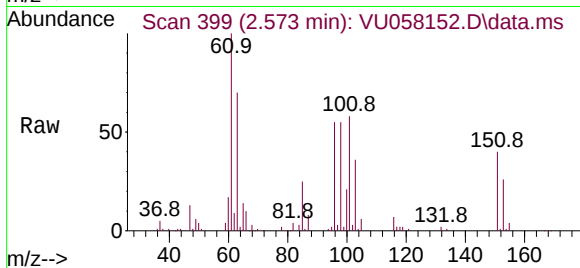




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 5.170 ug/L
 RT: 2.573 min Scan# 399
 Delta R.T. -0.003 min
 Lab File: VU058152.D
 Acq: 19 Mar 2024 12:35

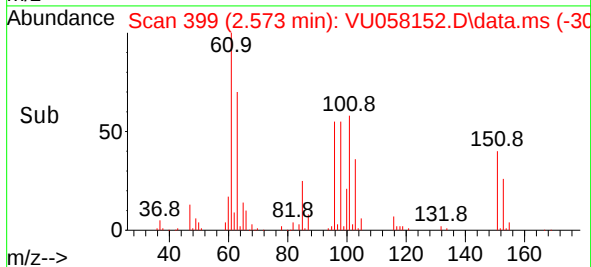
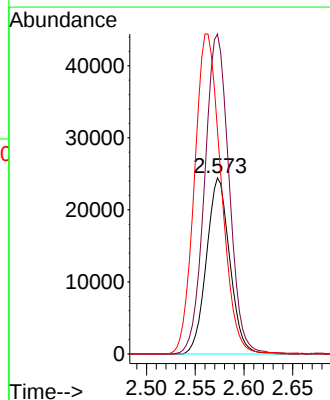
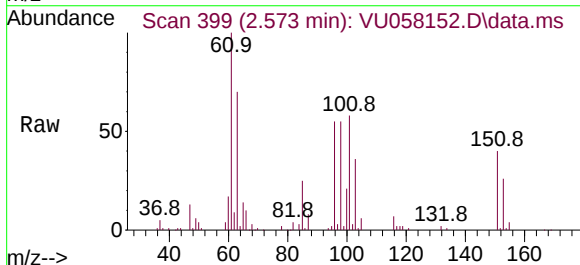
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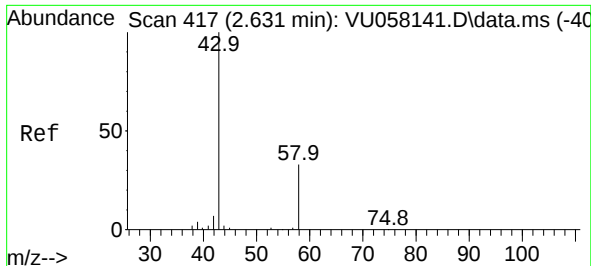
Tgt Ion:101 Resp: 48950
 Ion Ratio Lower Upper
 101 100
 85 44.2 37.3 55.9
 151 68.7 56.0 84.0



#12
 1,1-Dichloroethene
 Concen: 4.813 ug/L
 RT: 2.573 min Scan# 399
 Delta R.T. -0.000 min
 Lab File: VU058152.D
 Acq: 19 Mar 2024 12:35

Tgt Ion: 96 Resp: 40515
 Ion Ratio Lower Upper
 96 100
 61 181.6 131.8 244.8
 63 126.9 98.1 182.1





#13

Acetone

Concen: 45.599 ug/L

RT: 2.627 min Scan# 41

Delta R.T. 0.003 min

Lab File: VU058152.D

Acq: 19 Mar 2024 12:35

Instrument :

MSVOA_U

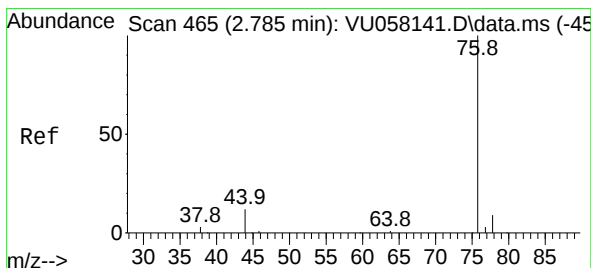
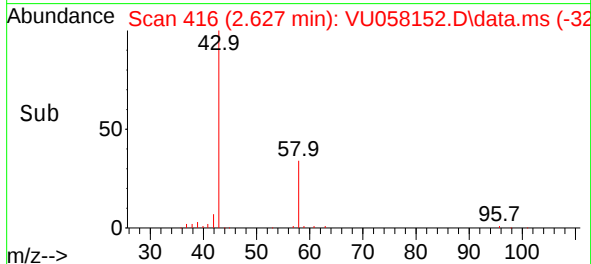
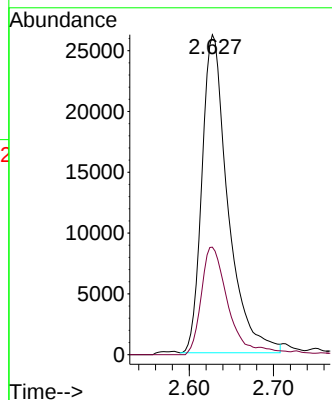
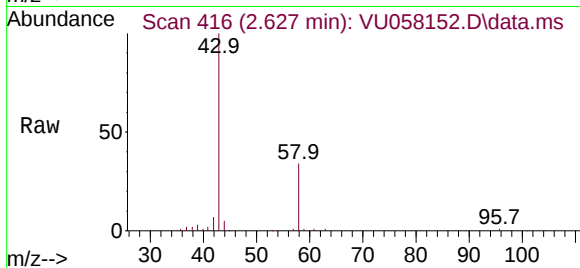
ClientSampleId :

Tgt Ion: 43 Resp: 56119

Ion Ratio Lower Upper

43 100

58 33.4 0.0 63.6



#14

Carbon disulfide

Concen: 4.037 ug/L

RT: 2.788 min Scan# 466

Delta R.T. 0.003 min

Lab File: VU058152.D

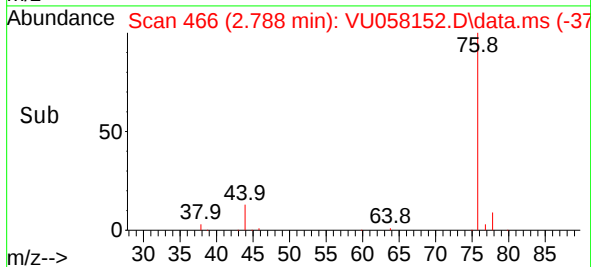
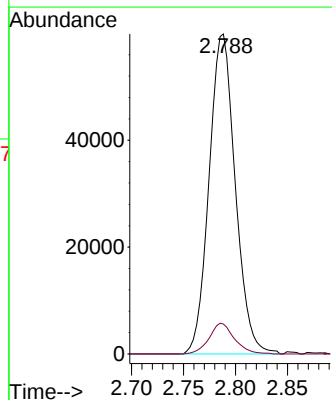
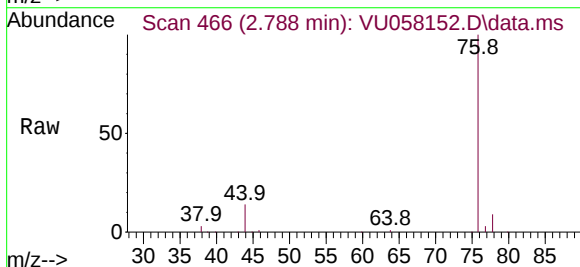
Acq: 19 Mar 2024 12:35

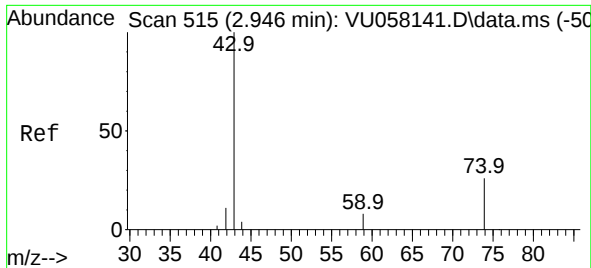
Tgt Ion: 76 Resp: 105064

Ion Ratio Lower Upper

76 100

78 9.4 7.3 10.9





#15

Methyl Acetate

Concen: 5.248 ug/L

RT: 2.946 min Scan# 515

Delta R.T. -0.003 min

Lab File: VU058152.D

Acq: 19 Mar 2024 12:35

Instrument :

MSVOA_U

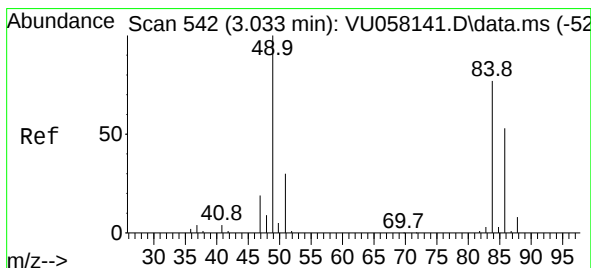
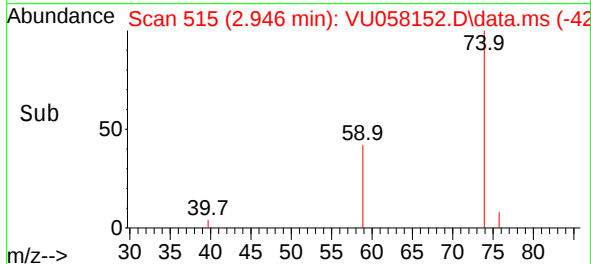
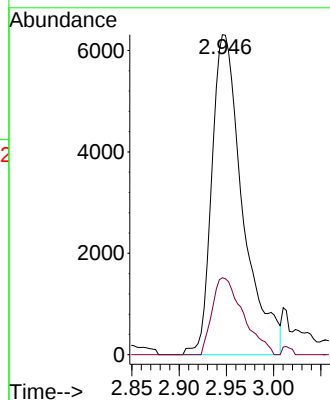
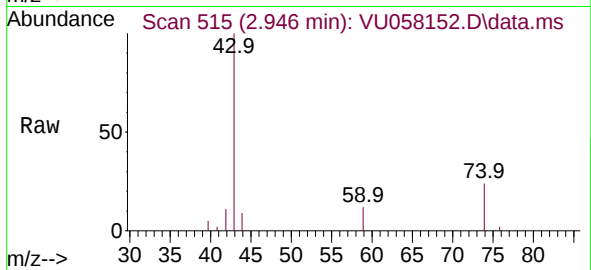
ClientSampleId :

Tgt Ion: 43 Resp: 14333

Ion Ratio Lower Upper

43 100

74 24.1 20.6 31.0



#16

Methylene chloride

Concen: 4.745 ug/L

RT: 3.036 min Scan# 543

Delta R.T. -0.000 min

Lab File: VU058152.D

Acq: 19 Mar 2024 12:35

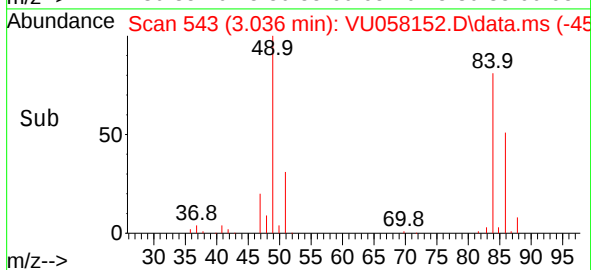
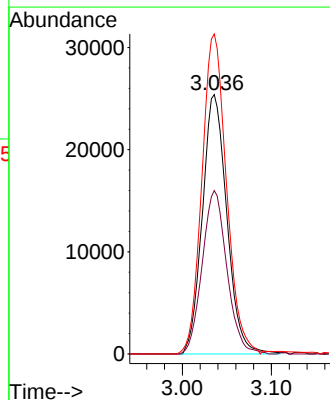
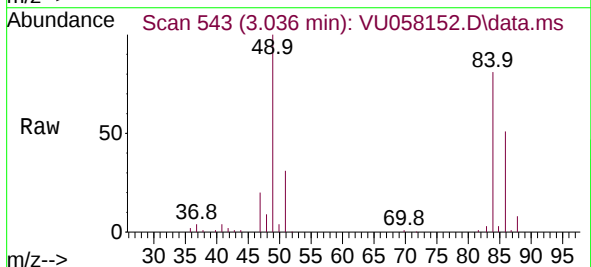
Tgt Ion: 84 Resp: 48543

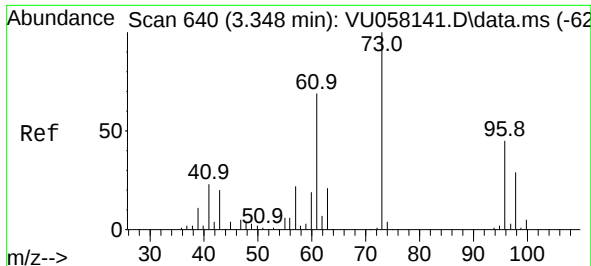
Ion Ratio Lower Upper

84 100

86 63.0 44.4 82.4

49 123.4 88.8 165.0

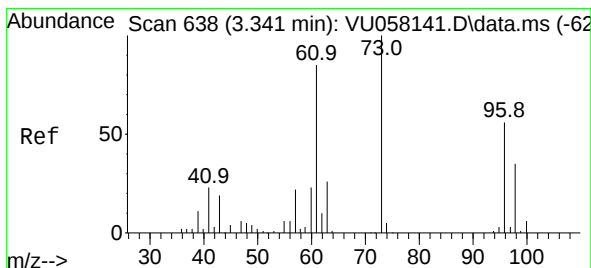
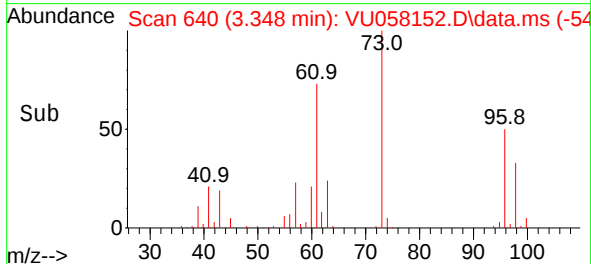
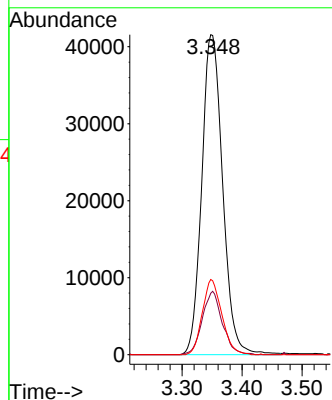
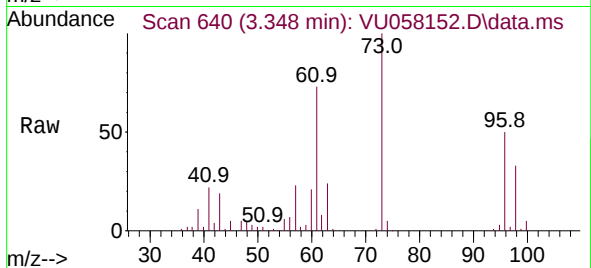




#17
Methyl tert-butyl Ether
Concen: 5.069 ug/L
RT: 3.348 min Scan# 640
Delta R.T. -0.000 min
Lab File: VU058152.D
Acq: 19 Mar 2024 12:35

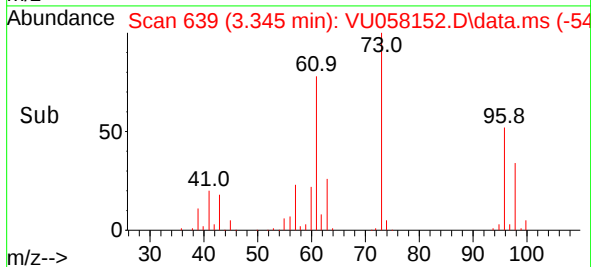
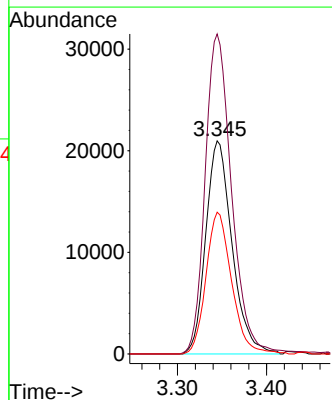
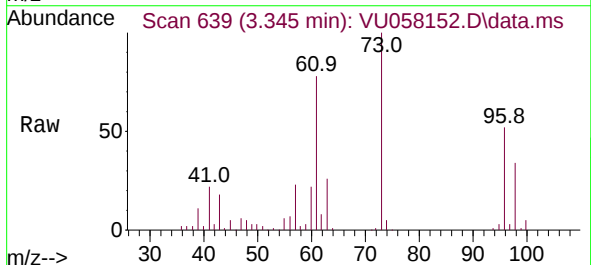
Instrument :
MSVOA_U
ClientSampleId :

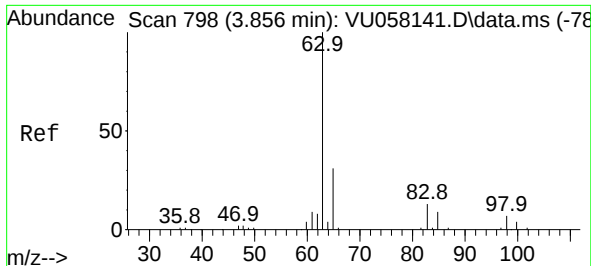
Tgt Ion: 73 Resp: 100908
Ion Ratio Lower Upper
73 100
43 19.1 16.2 24.4
57 21.8 17.9 26.9



#18
trans-1,2-Dichloroethene
Concen: 4.702 ug/L
RT: 3.345 min Scan# 639
Delta R.T. -0.000 min
Lab File: VU058152.D
Acq: 19 Mar 2024 12:35

Tgt Ion: 96 Resp: 43105
Ion Ratio Lower Upper
96 100
61 150.2 107.7 199.9
98 66.5 45.8 85.0

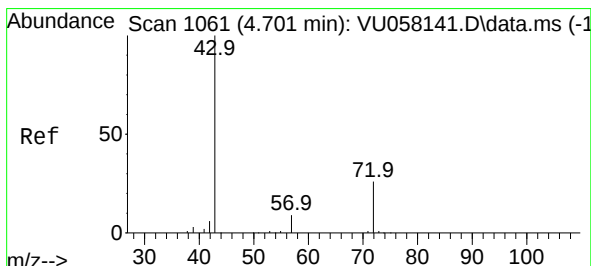
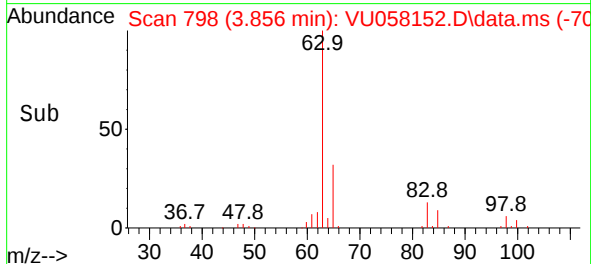
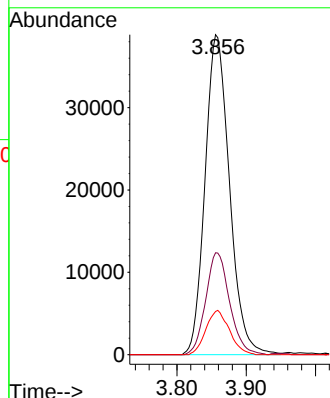
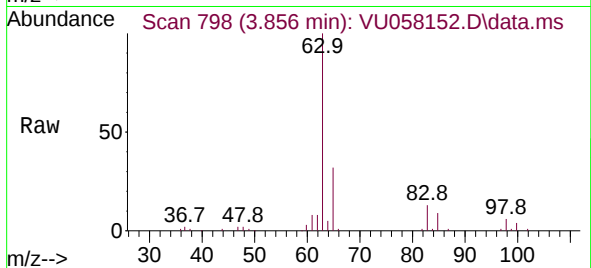




#19
1,1-Dichloroethane
Concen: 5.205 ug/L
RT: 3.856 min Scan# 798
Delta R.T. -0.003 min
Lab File: VU058152.D
Acq: 19 Mar 2024 12:35

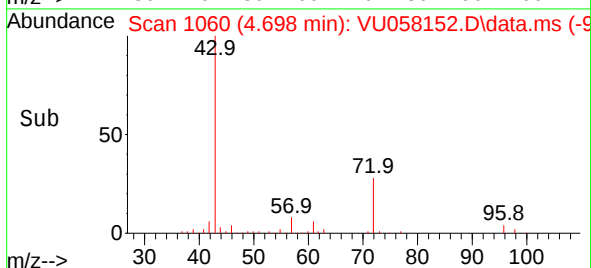
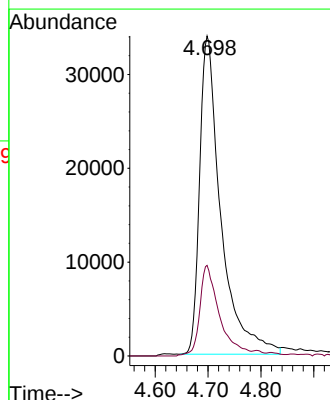
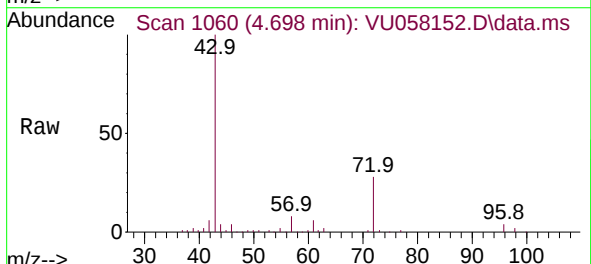
Instrument :
MSVOA_U
ClientSampleId :

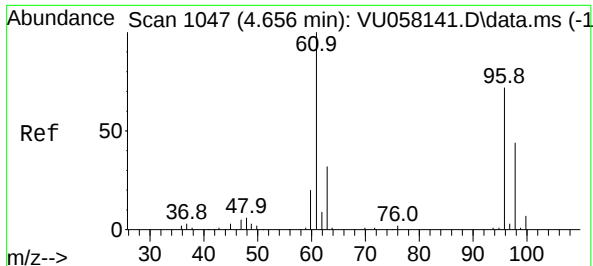
Tgt Ion: 63 Resp: 95189
Ion Ratio Lower Upper
63 100
65 31.9 22.1 41.1
83 13.5 9.0 16.6



#21
2-Butanone
Concen: 48.951 ug/L
RT: 4.698 min Scan# 1060
Delta R.T. -0.000 min
Lab File: VU058152.D
Acq: 19 Mar 2024 12:35

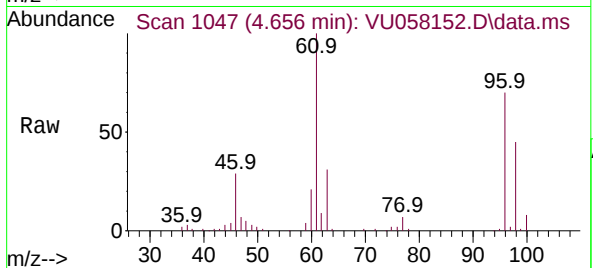
Tgt Ion: 43 Resp: 94927
Ion Ratio Lower Upper
43 100
72 26.2 13.0 39.0





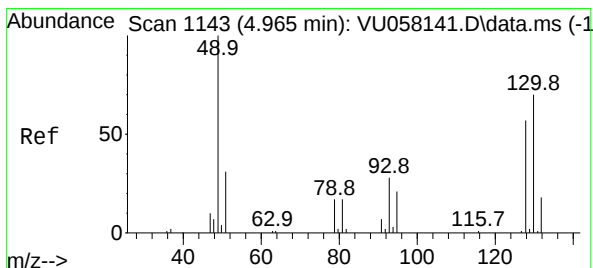
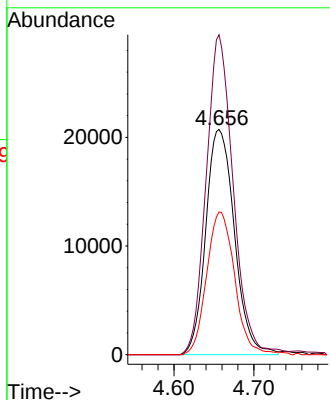
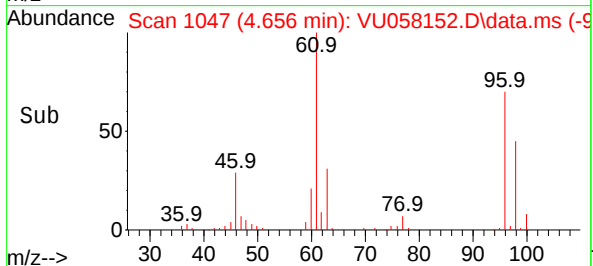
#22
 cis-1,2-Dichloroethene
 Concen: 5.130 ug/L
 RT: 4.656 min Scan# 1047
 Delta R.T. 0.003 min
 Lab File: VU058152.D
 Acq: 19 Mar 2024 12:35

Instrument :
 MSVOA_U
 ClientSampleId :

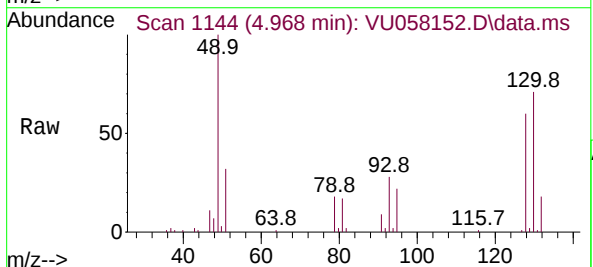


Tgt Ion: 96 Resp: 51740

Ion	Ratio	Lower	Upper
96	100		
61	142.1	97.2	180.4
98	63.4	45.5	84.5

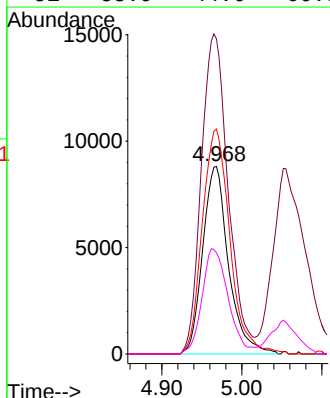
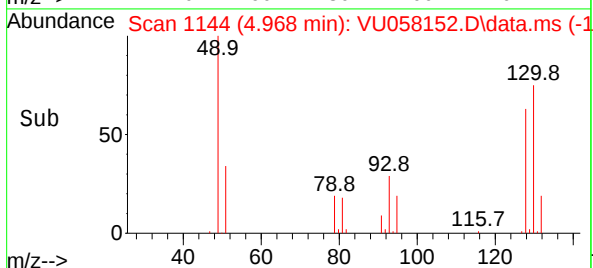


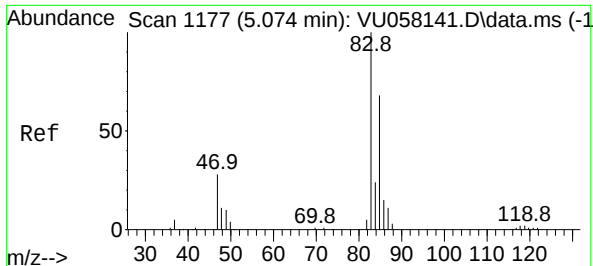
#23
 Bromochloromethane
 Concen: 5.280 ug/L
 RT: 4.968 min Scan# 1144
 Delta R.T. 0.003 min
 Lab File: VU058152.D
 Acq: 19 Mar 2024 12:35



Tgt Ion: 128 Resp: 19774

Ion	Ratio	Lower	Upper
128	100		
49	172.8	122.0	226.6
130	119.9	86.6	160.8
51	53.9	44.6	66.8





#25

Chloroform

Concen: 5.375 ug/L

RT: 5.078 min Scan# 1177

Delta R.T. -0.000 min

Lab File: VU058152.D

Acq: 19 Mar 2024 12:35

Instrument :

MSVOA_U

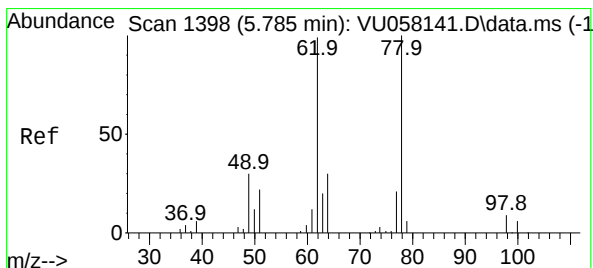
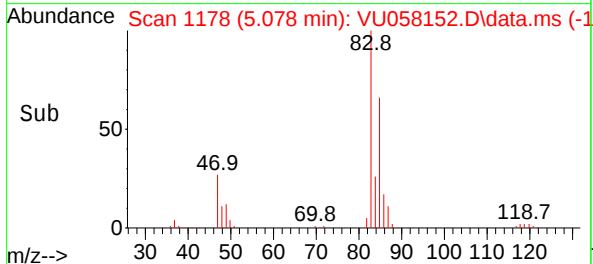
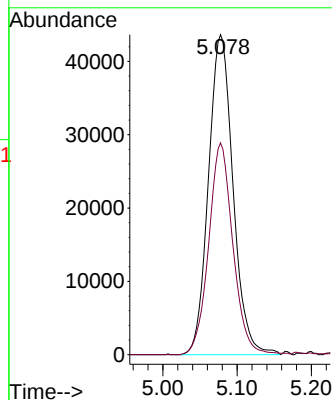
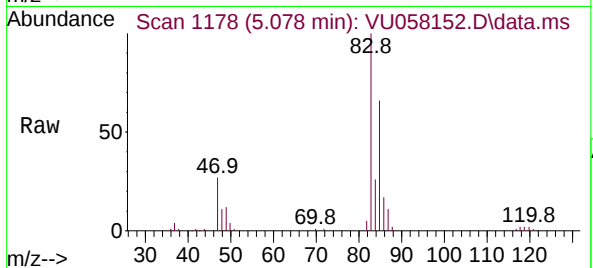
ClientSampleId :

Tgt Ion: 83 Resp: 100355

Ion Ratio Lower Upper

83 100

85 66.2 45.4 84.4



#27

1,2-Dichloroethane

Concen: 5.230 ug/L

RT: 5.785 min Scan# 1398

Delta R.T. -0.000 min

Lab File: VU058152.D

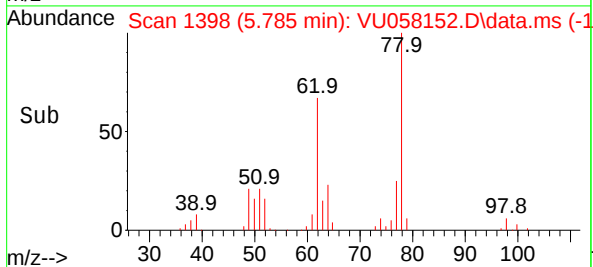
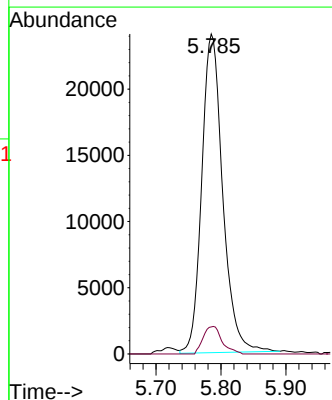
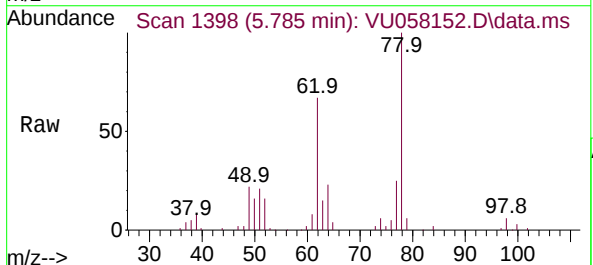
Acq: 19 Mar 2024 12:35

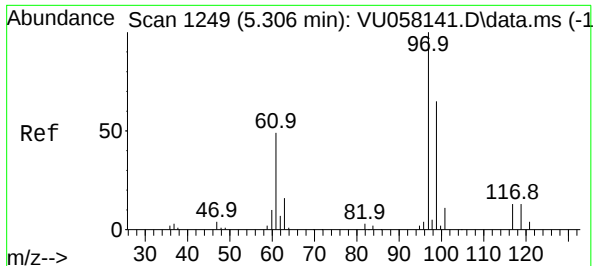
Tgt Ion: 62 Resp: 54059

Ion Ratio Lower Upper

62 100

98 8.5 7.0 10.4

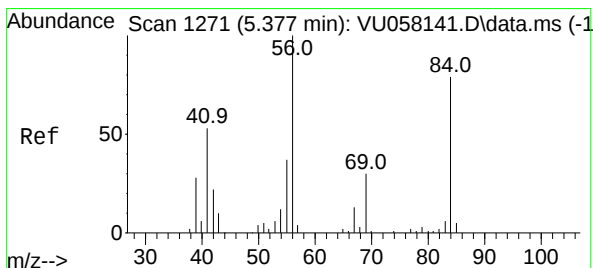
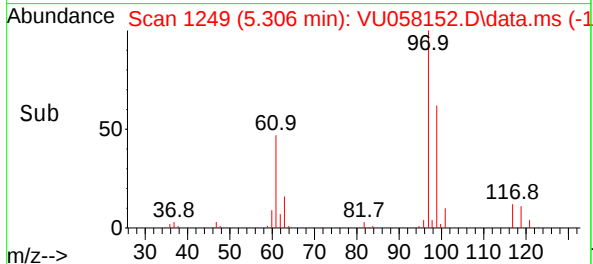
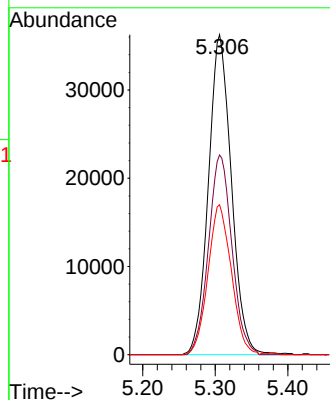
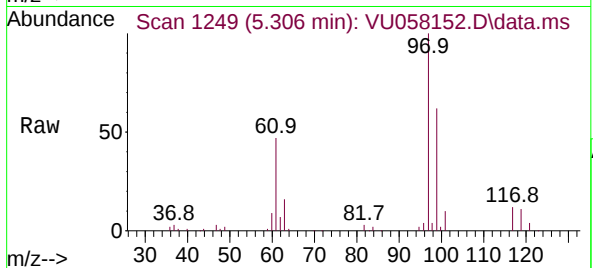




#29
1,1,1-Trichloroethane
Concen: 5.153 ug/L
RT: 5.306 min Scan# 1249
Delta R.T. -0.000 min
Lab File: VU058152.D
Acq: 19 Mar 2024 12:35

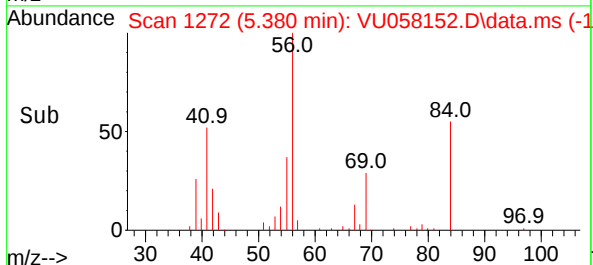
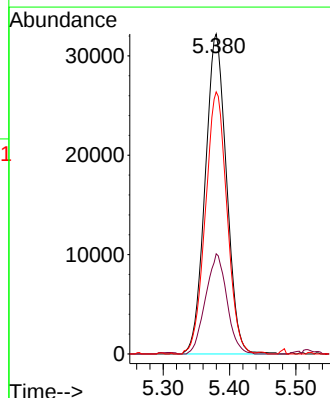
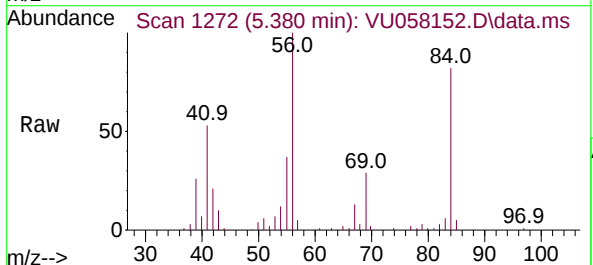
Instrument :
MSVOA_U
ClientSampleId :

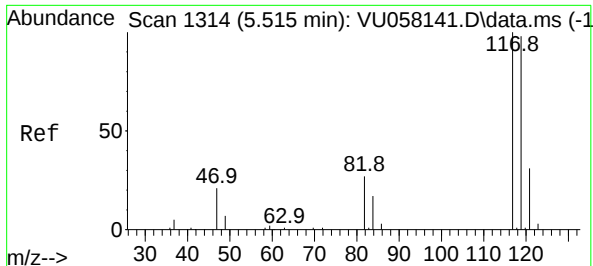
Tgt Ion:	97	Resp:	79977
Ion	Ratio	Lower	Upper
97	100		
99	63.6	51.2	76.8
61	47.5	37.4	56.2



#30
Cyclohexane
Concen: 4.588 ug/L
RT: 5.380 min Scan# 1272
Delta R.T. -0.000 min
Lab File: VU058152.D
Acq: 19 Mar 2024 12:35

Tgt Ion:	56	Resp:	71905
Ion	Ratio	Lower	Upper
56	100		
69	31.3	24.2	36.2
84	82.9	66.6	99.8

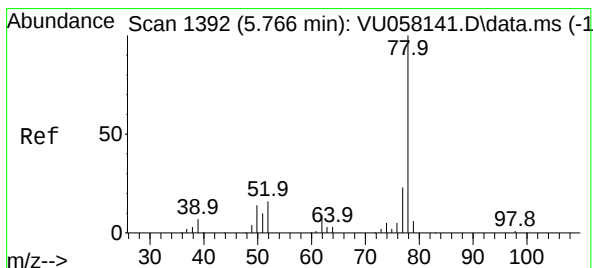
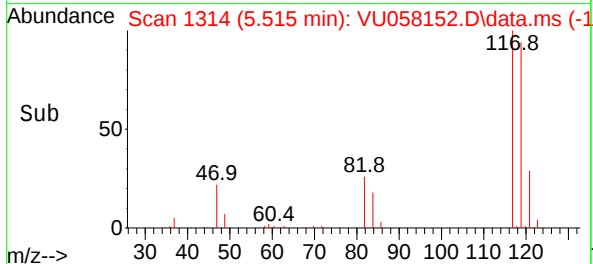
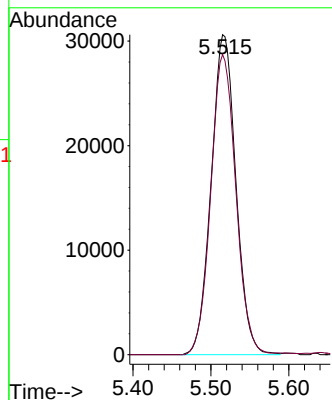
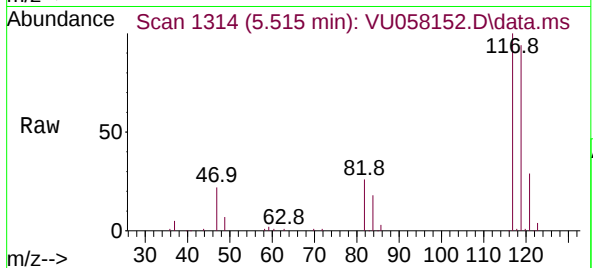




#31
Carbon tetrachloride
Concen: 5.011 ug/L
RT: 5.515 min Scan# 1314
Delta R.T. -0.000 min
Lab File: VU058152.D
Acq: 19 Mar 2024 12:35

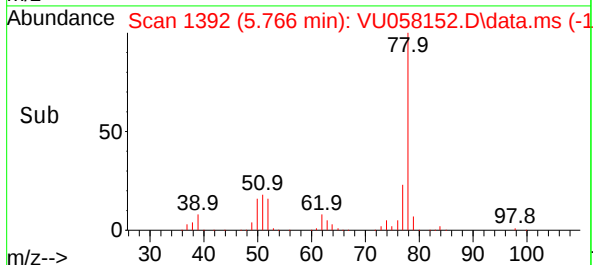
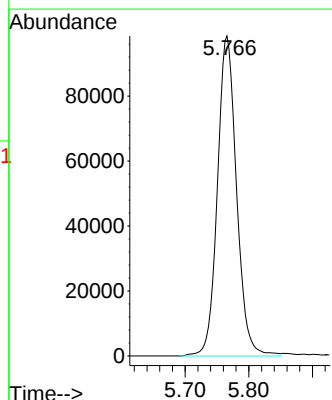
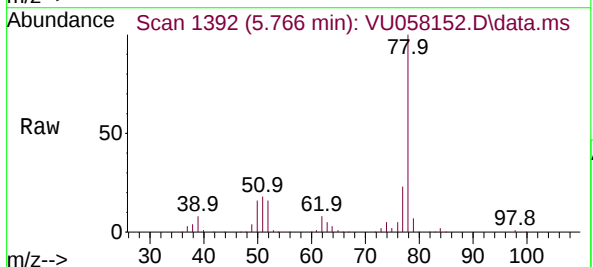
Instrument :
MSVOA_U
ClientSampleId :

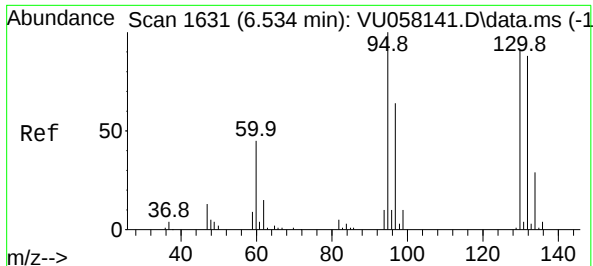
Tgt Ion:117 Resp: 67572
Ion Ratio Lower Upper
117 100
119 94.9 75.8 113.8



#33
Benzene
Concen: 5.142 ug/L
RT: 5.766 min Scan# 1392
Delta R.T. -0.000 min
Lab File: VU058152.D
Acq: 19 Mar 2024 12:35

Tgt Ion: 78 Resp: 205730





#34

Trichloroethene

Concen: 4.952 ug/L

RT: 6.534 min Scan# 1

Delta R.T. -0.000 min

Lab File: VU058152.D

Acq: 19 Mar 2024 12:35

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion: 95 Resp: 52128

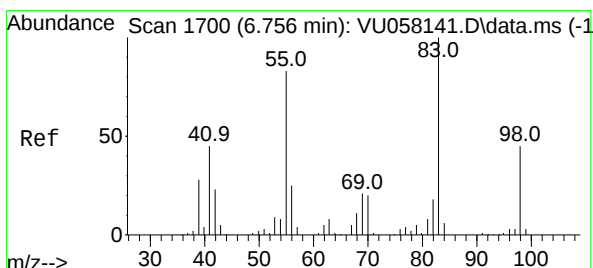
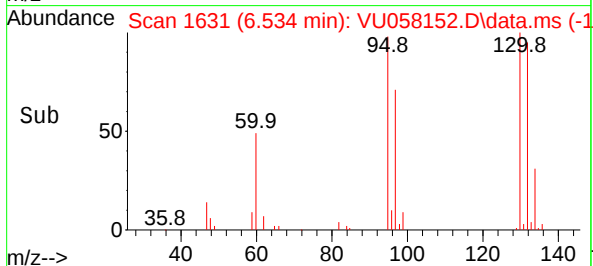
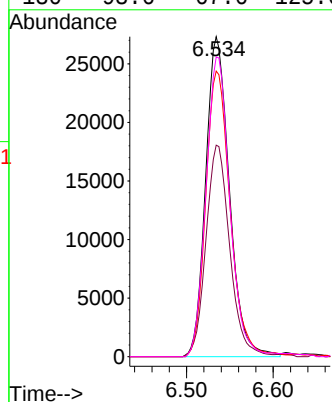
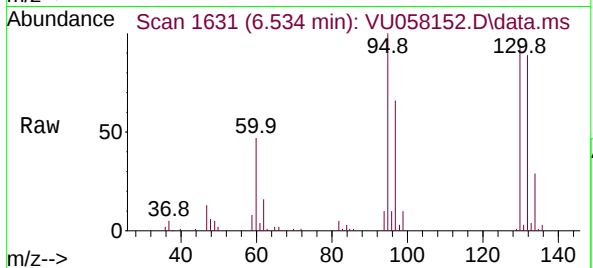
Ion Ratio Lower Upper

95 100

97 66.1 45.3 84.1

132 89.3 63.1 117.1

130 93.6 67.6 125.6



#35

Methylcyclohexane

Concen: 4.621 ug/L

RT: 6.756 min Scan# 1700

Delta R.T. -0.000 min

Lab File: VU058152.D

Acq: 19 Mar 2024 12:35

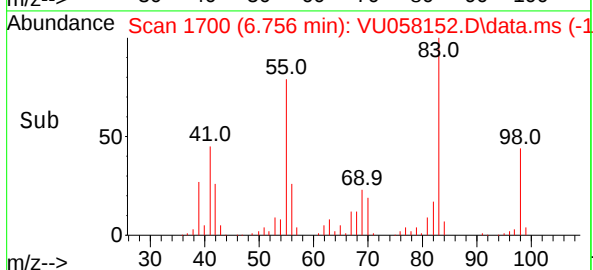
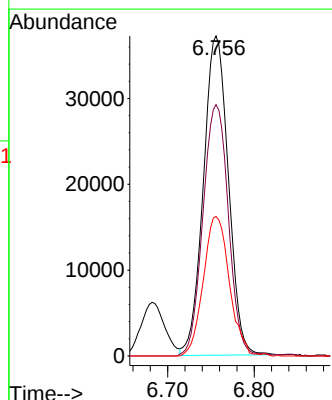
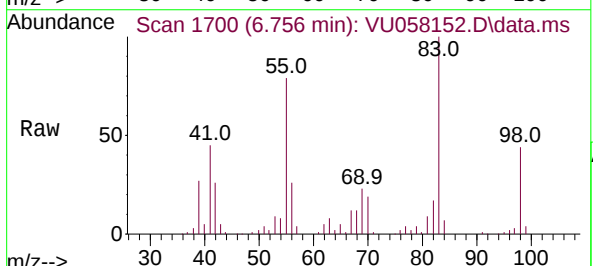
Tgt Ion: 83 Resp: 74570

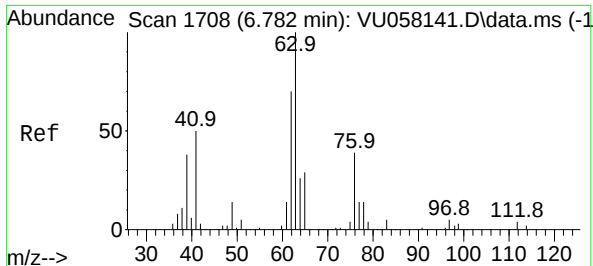
Ion Ratio Lower Upper

83 100

55 80.5 63.0 94.6

98 45.5 36.2 54.4

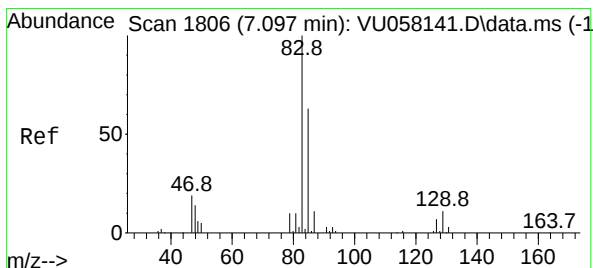
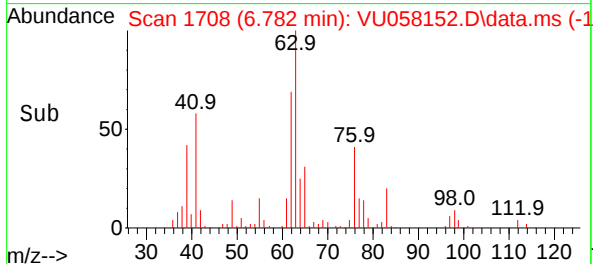
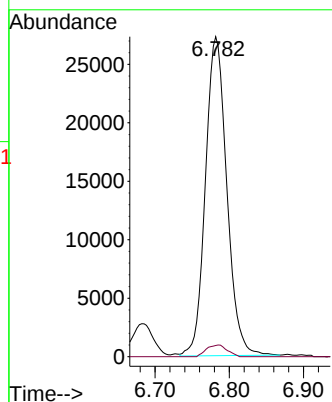
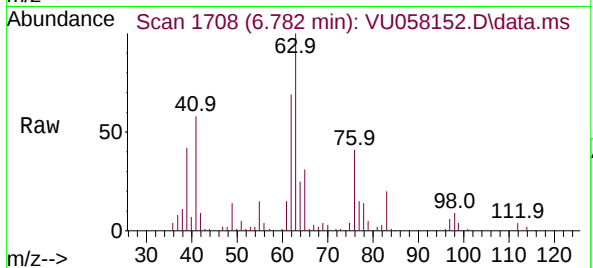




#37
1,2-Dichloropropane
Concen: 5.287 ug/L
RT: 6.782 min Scan# 11
Delta R.T. -0.000 min
Lab File: VU058152.D
Acq: 19 Mar 2024 12:35

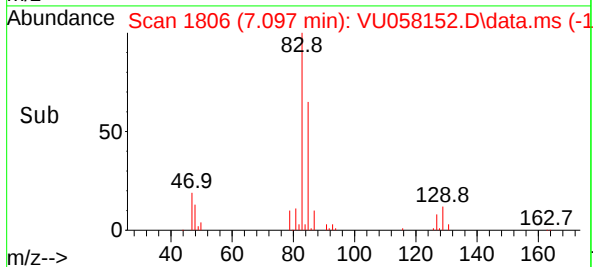
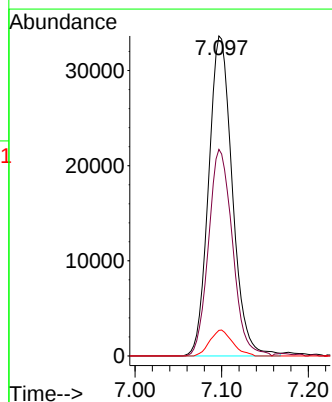
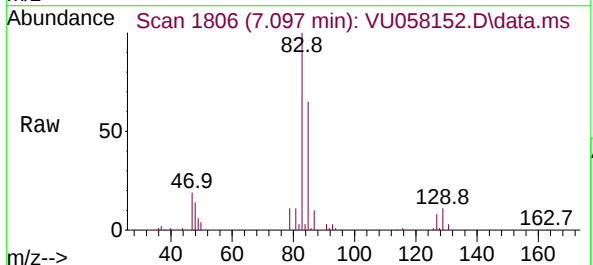
Instrument :
MSVOA_U
ClientSampleId :

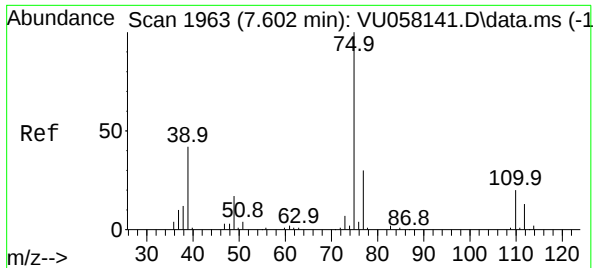
Tgt Ion: 63 Resp: 54550
Ion Ratio Lower Upper
63 100
112 3.6 3.0 4.4



#38
Bromodichloromethane
Concen: 5.109 ug/L
RT: 7.097 min Scan# 1806
Delta R.T. -0.003 min
Lab File: VU058152.D
Acq: 19 Mar 2024 12:35

Tgt Ion: 83 Resp: 63954
Ion Ratio Lower Upper
83 100
85 64.5 44.5 82.7
127 8.0 6.6 9.8

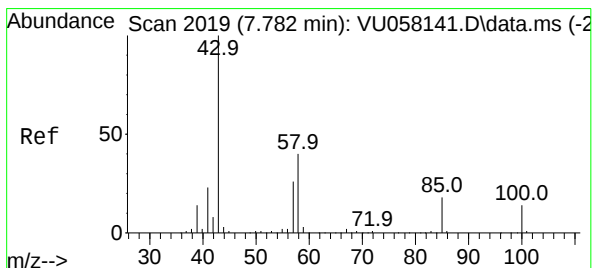
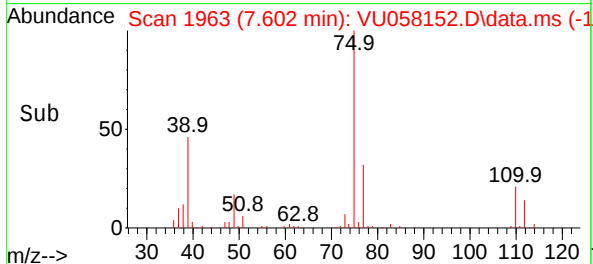
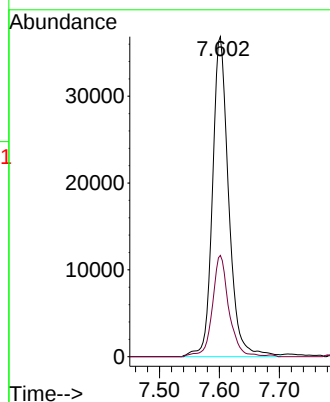
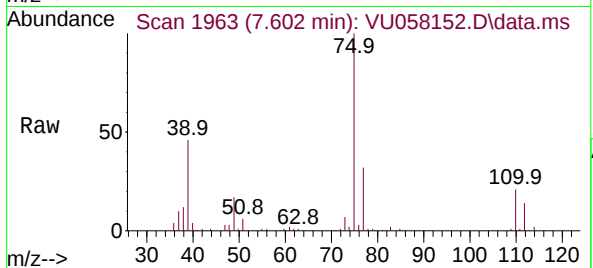




#39
cis-1,3-Dichloropropene
Concen: 4.877 ug/L
RT: 7.602 min Scan# 1963
Delta R.T. -0.000 min
Lab File: VU058152.D
Acq: 19 Mar 2024 12:35

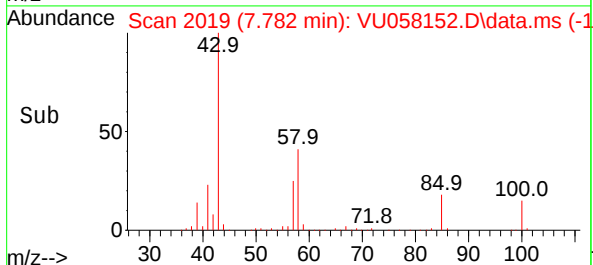
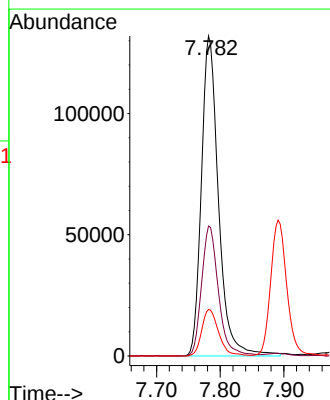
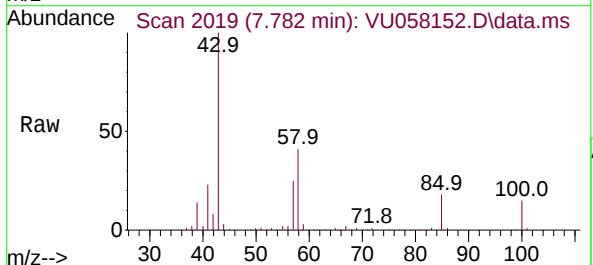
Instrument :
MSVOA_U
ClientSampleId :

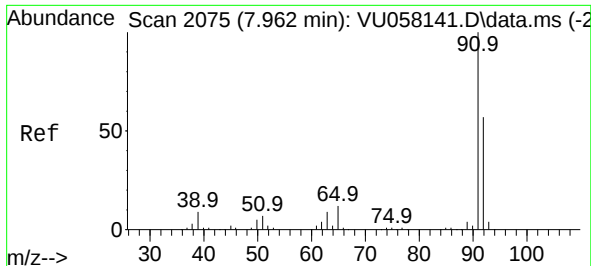
Tgt Ion: 75 Resp: 69331
Ion Ratio Lower Upper
75 100
77 31.7 22.3 41.5



#40
4-Methyl-2-pentanone
Concen: 51.984 ug/L
RT: 7.782 min Scan# 2019
Delta R.T. -0.000 min
Lab File: VU058152.D
Acq: 19 Mar 2024 12:35

Tgt Ion: 43 Resp: 246725
Ion Ratio Lower Upper
43 100
58 40.1 31.7 47.5
100 14.3 11.3 16.9





#42

Toluene

Concen: 5.153 ug/L

RT: 7.962 min Scan# 2075

Delta R.T. -0.000 min

Lab File: VU058152.D

Acq: 19 Mar 2024 12:35

Instrument :

MSVOA_U

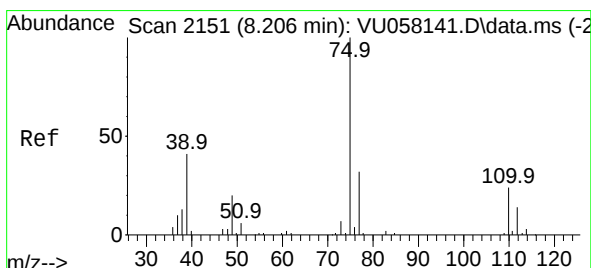
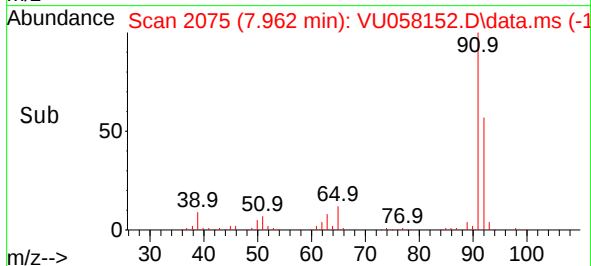
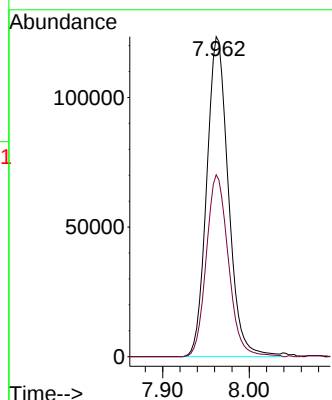
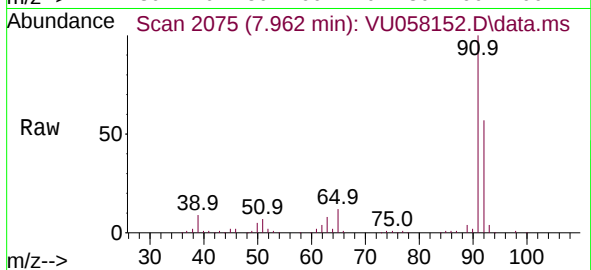
ClientSampleId :

Tgt Ion: 91 Resp: 214728

Ion Ratio Lower Upper

91 100

92 56.8 40.2 74.6



#44

trans-1,3-Dichloropropene

Concen: 4.792 ug/L

RT: 8.206 min Scan# 2151

Delta R.T. -0.000 min

Lab File: VU058152.D

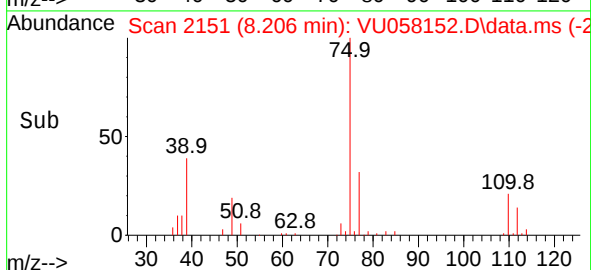
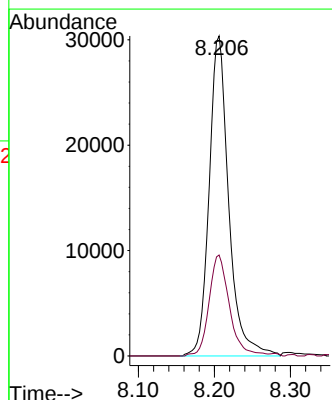
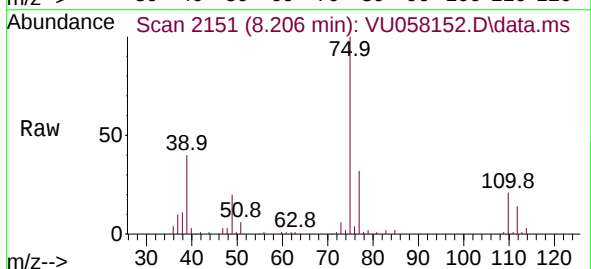
Acq: 19 Mar 2024 12:35

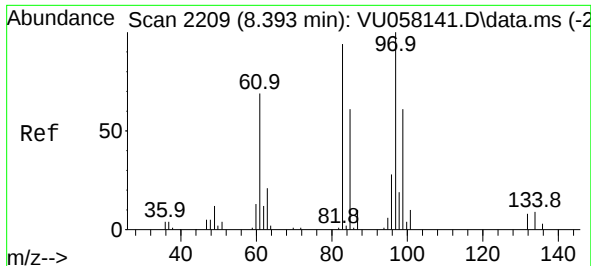
Tgt Ion: 75 Resp: 54282

Ion Ratio Lower Upper

75 100

77 31.6 23.1 42.9

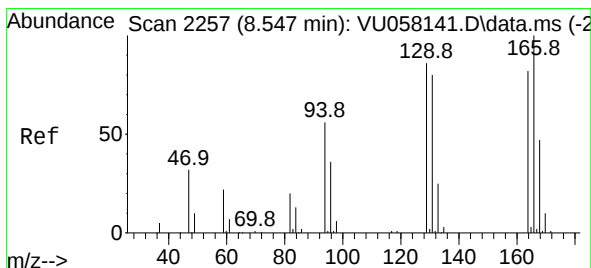
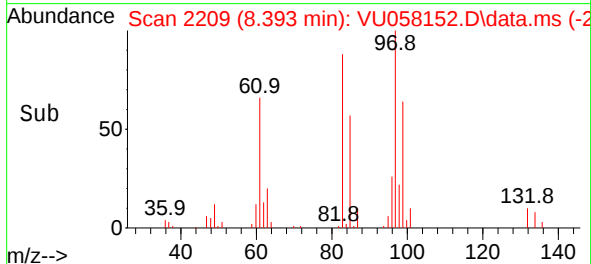
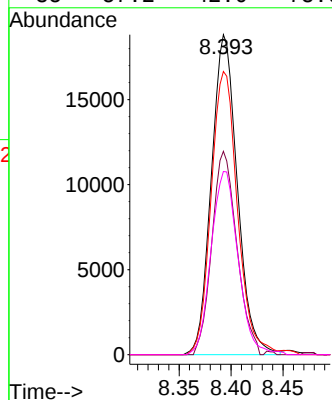
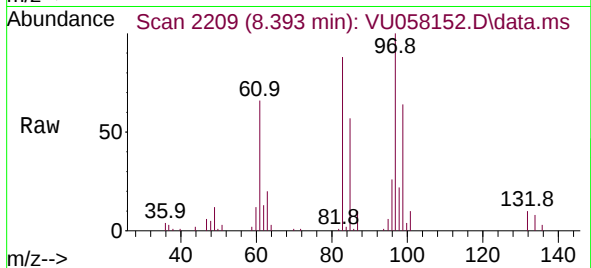




#45
1,1,2-Trichloroethane
Concen: 5.355 ug/L
RT: 8.393 min Scan# 2209
Delta R.T. -0.000 min
Lab File: VU058152.D
Acq: 19 Mar 2024 12:35

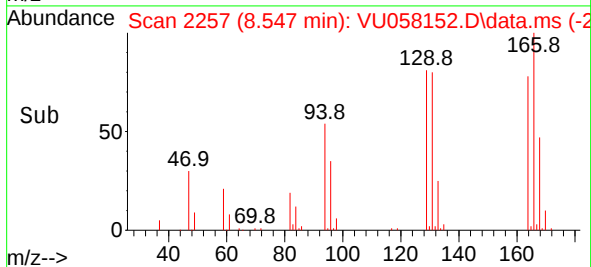
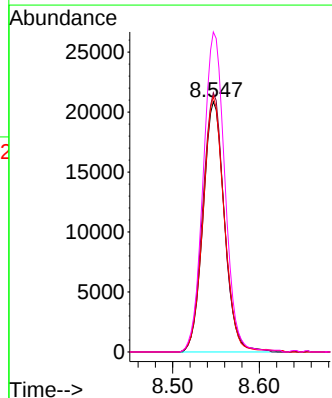
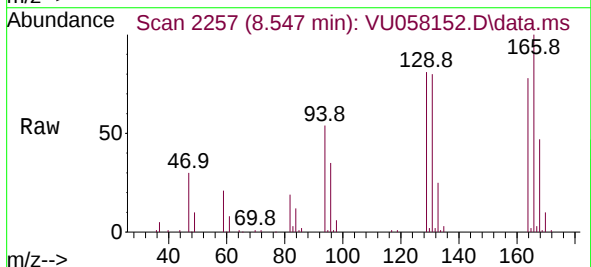
Instrument :
MSVOA_U
ClientSampleId :

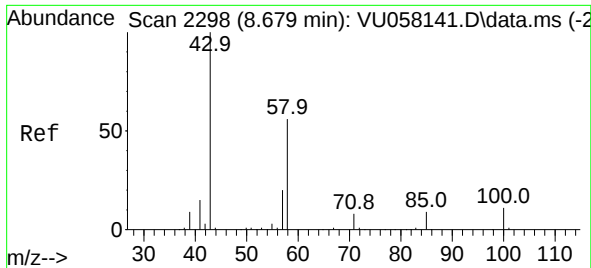
Tgt Ion:	97	Resp:	32760
Ion	Ratio	Lower	Upper
97	100		
99	63.6	44.2	82.2
83	88.5	64.2	119.2
85	57.2	42.0	78.0



#47
Tetrachloroethene
Concen: 4.896 ug/L
RT: 8.547 min Scan# 2257
Delta R.T. -0.003 min
Lab File: VU058152.D
Acq: 19 Mar 2024 12:35

Tgt Ion:	164	Resp:	35756
Ion	Ratio	Lower	Upper
164	100		
129	103.6	69.3	128.7
131	102.1	69.9	129.9
166	127.9	90.1	167.3

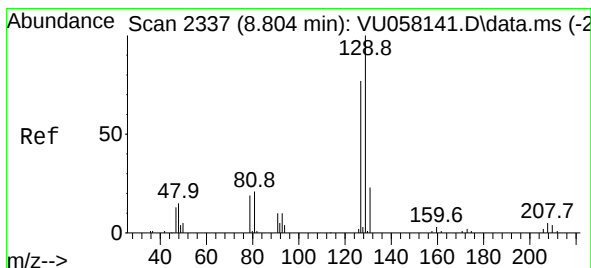
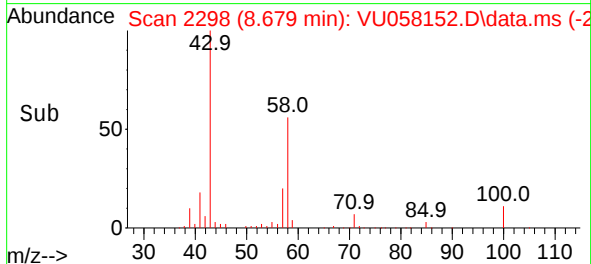
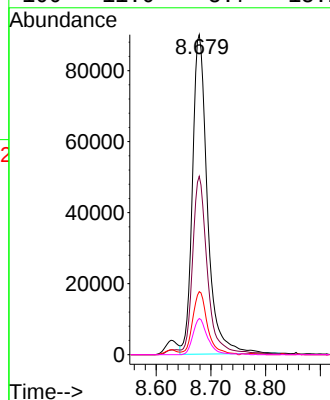
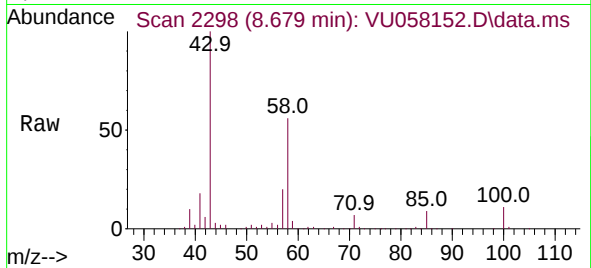




#48
2-Hexanone
Concen: 49.248 ug/L
RT: 8.679 min Scan# 2141
Delta R.T. -0.000 min
Lab File: VU058152.D
Acq: 19 Mar 2024 12:35

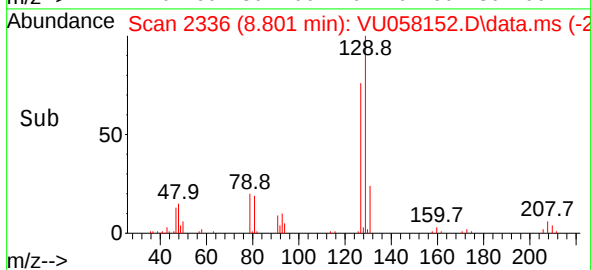
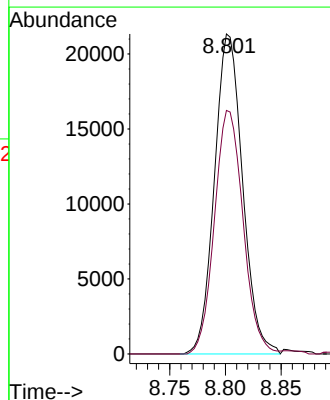
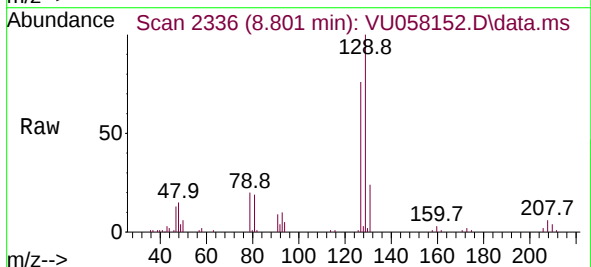
Instrument :
MSVOA_U
ClientSampleId :

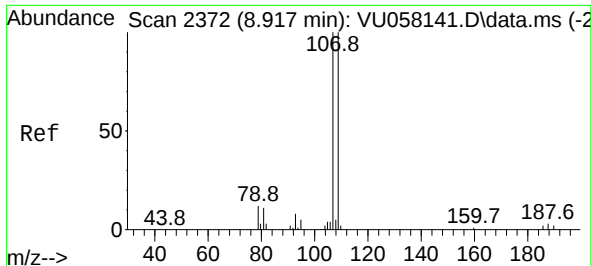
Tgt Ion: 43 Resp: 171417
Ion Ratio Lower Upper
43 100
58 54.8 43.3 64.9
57 19.6 15.2 22.8
100 11.0 8.7 13.1



#49
Dibromochloromethane
Concen: 5.180 ug/L
RT: 8.801 min Scan# 2336
Delta R.T. -0.003 min
Lab File: VU058152.D
Acq: 19 Mar 2024 12:35

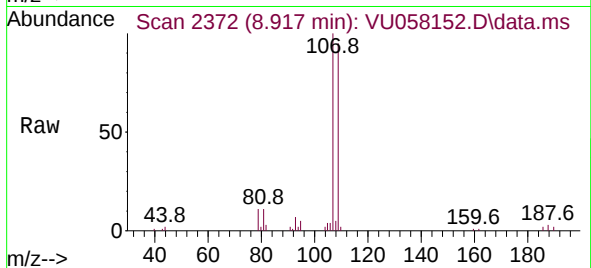
Tgt Ion:129 Resp: 37510
Ion Ratio Lower Upper
129 100
127 76.1 55.2 102.6



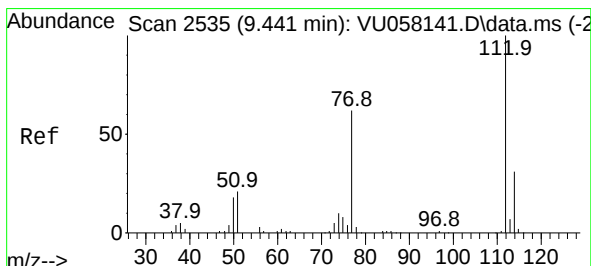
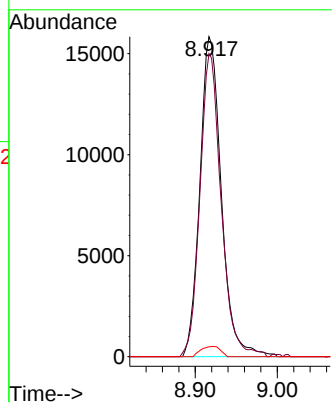
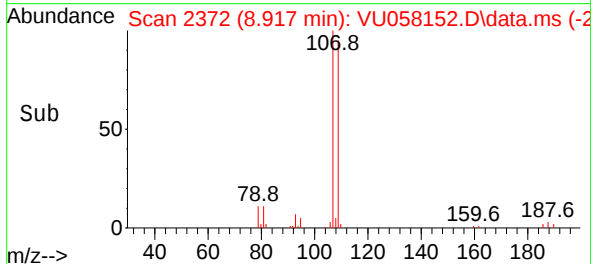


#50
1,2-Dibromoethane
Concen: 5.321 ug/L
RT: 8.917 min Scan# 2372
Delta R.T. -0.000 min
Lab File: VU058152.D
Acq: 19 Mar 2024 12:35

Instrument :
MSVOA_U
ClientSampleId :

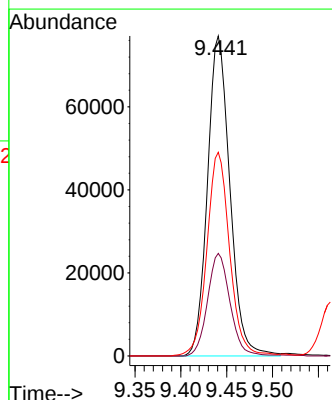
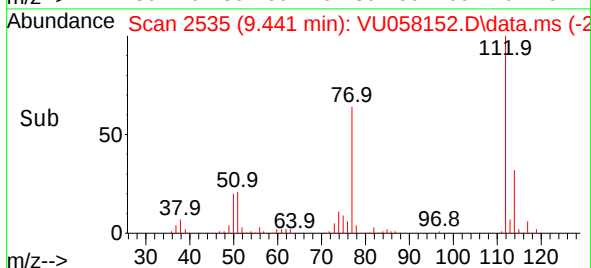
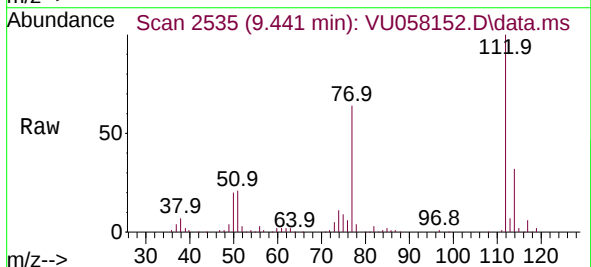


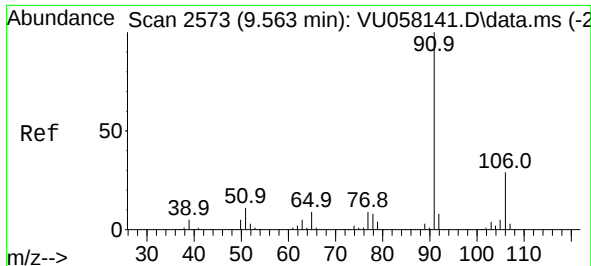
Tgt Ion:107 Resp: 28889
Ion Ratio Lower Upper
107 100
109 94.7 67.8 125.8
188 3.1 2.4 3.6



#51
Chlorobenzene
Concen: 5.015 ug/L
RT: 9.441 min Scan# 2535
Delta R.T. -0.000 min
Lab File: VU058152.D
Acq: 19 Mar 2024 12:35

Tgt Ion:112 Resp: 131036
Ion Ratio Lower Upper
112 100
114 32.1 22.7 42.1
77 63.6 52.3 78.5

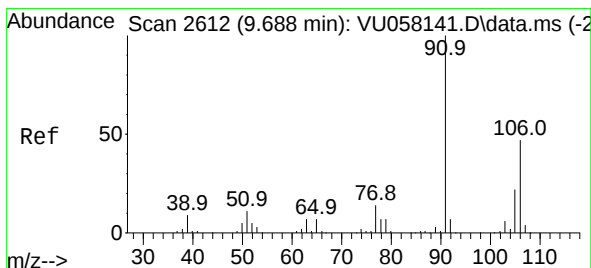
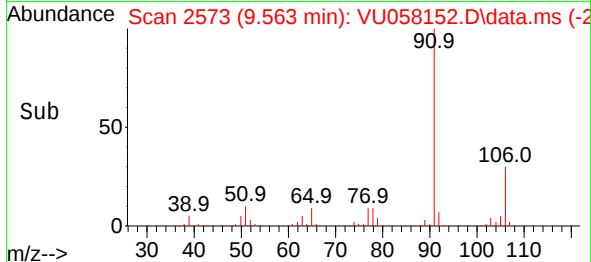
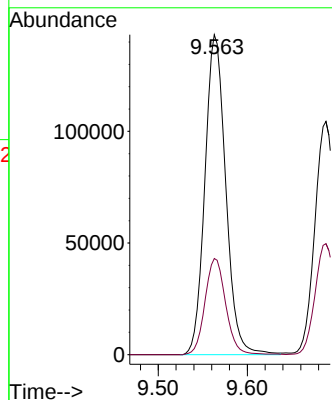
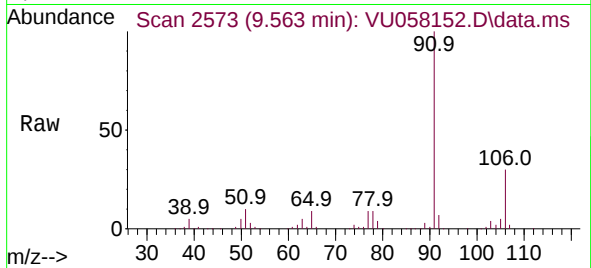




#52
Ethylbenzene
Concen: 4.999 ug/L
RT: 9.563 min Scan# 2573
Delta R.T. -0.000 min
Lab File: VU058152.D
Acq: 19 Mar 2024 12:35

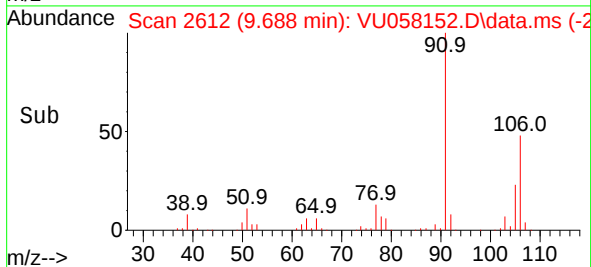
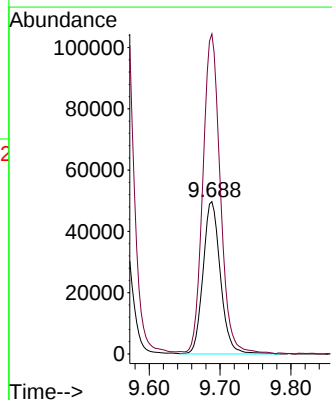
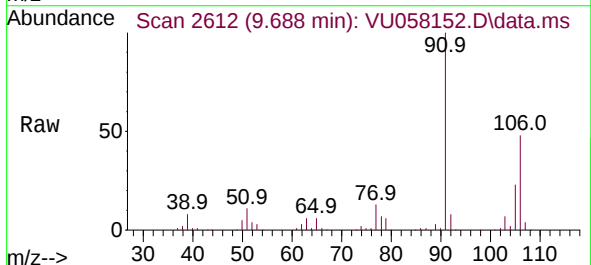
Instrument :
MSVOA_U
ClientSampleId :

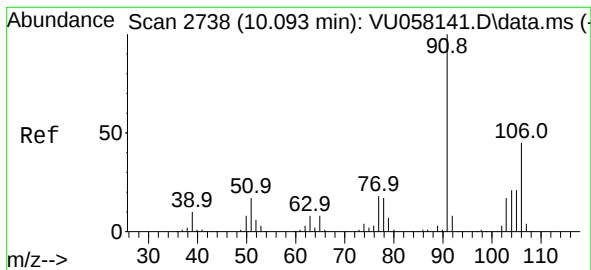
Tgt Ion: 91 Resp: 233093
Ion Ratio Lower Upper
91 100
106 30.1 20.9 38.7



#53
m,p-Xylene
Concen: 5.076 ug/L
RT: 9.688 min Scan# 2612
Delta R.T. -0.000 min
Lab File: VU058152.D
Acq: 19 Mar 2024 12:35

Tgt Ion:106 Resp: 84560
Ion Ratio Lower Upper
106 100
91 210.1 148.8 276.4





#54

o-Xylene

Concen: 5.067 ug/L

RT: 10.093 min Scan# 2738

Delta R.T. -0.000 min

Lab File: VU058152.D

Acq: 19 Mar 2024 12:35

Instrument :

MSVOA_U

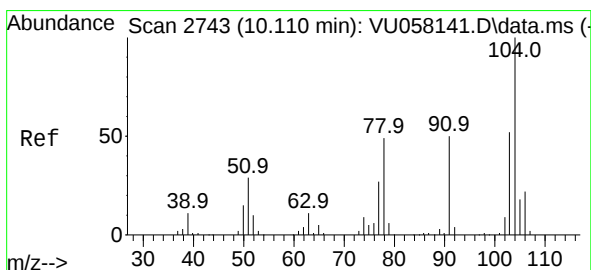
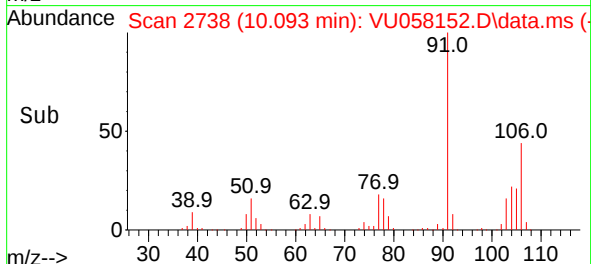
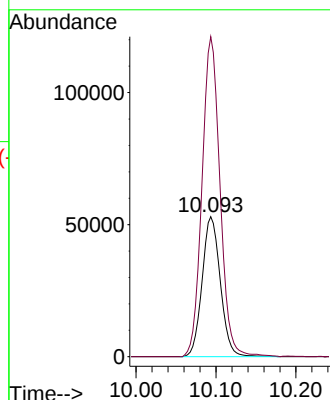
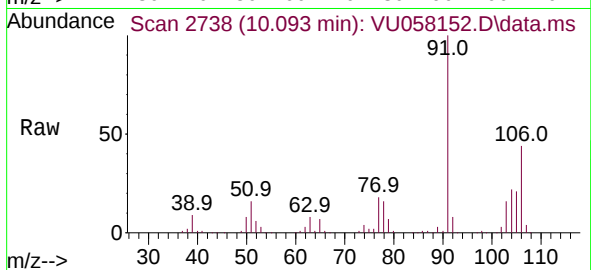
ClientSampleId :

Tgt Ion:106 Resp: 84124

Ion Ratio Lower Upper

106 100

91 228.7 158.3 294.1



#55

Styrene

Concen: 5.113 ug/L

RT: 10.110 min Scan# 2743

Delta R.T. -0.000 min

Lab File: VU058152.D

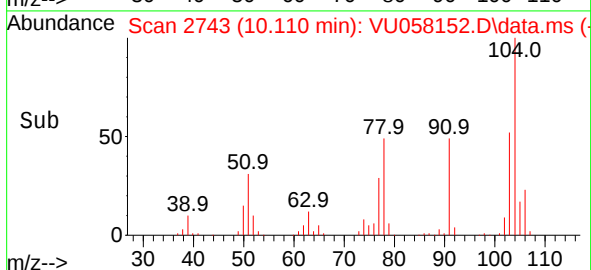
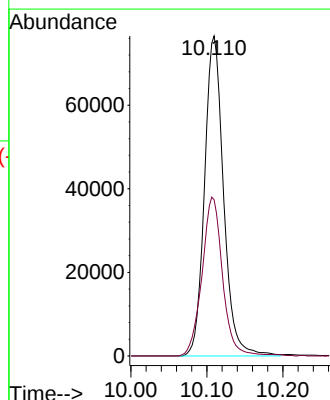
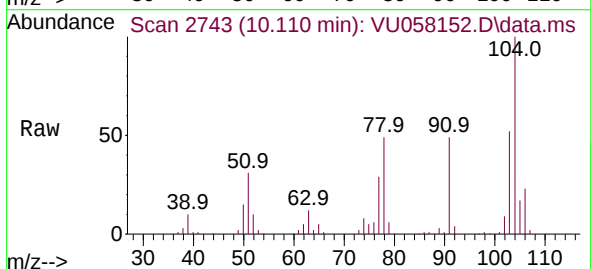
Acq: 19 Mar 2024 12:35

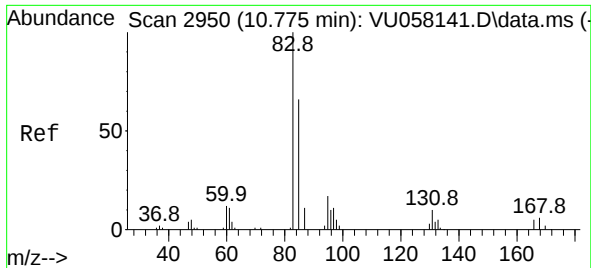
Tgt Ion:104 Resp: 133249

Ion Ratio Lower Upper

104 100

78 48.8 34.2 63.4





#57

1,1,2,2-Tetrachloroethane

Concen: 5.142 ug/L

RT: 10.775 min Scan# 2950

Delta R.T. -0.000 min

Lab File: VU058152.D

Acq: 19 Mar 2024 12:35

Instrument :

MSVOA_U

ClientSampleId :

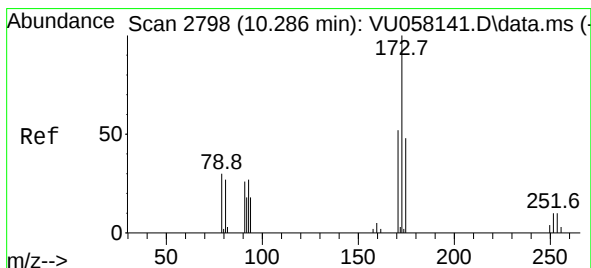
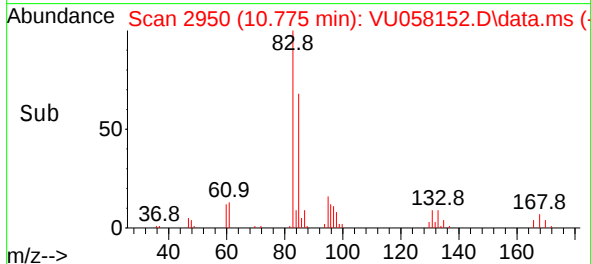
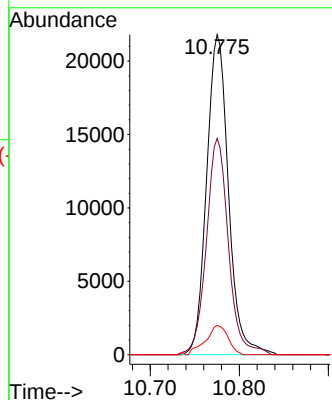
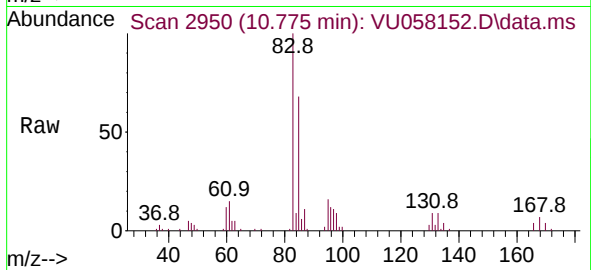
Tgt Ion: 83 Resp: 37060

Ion Ratio Lower Upper

83 100

85 67.5 44.0 81.6

131 9.1 6.9 10.3



#59

Bromoform

Concen: 5.534 ug/L

RT: 10.283 min Scan# 2797

Delta R.T. -0.003 min

Lab File: VU058152.D

Acq: 19 Mar 2024 12:35

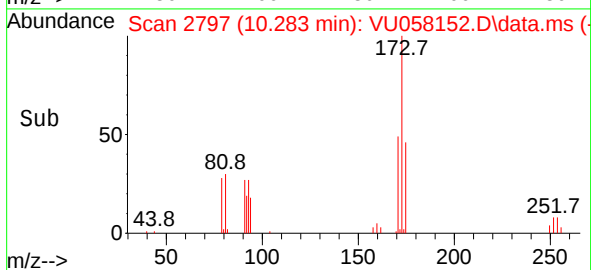
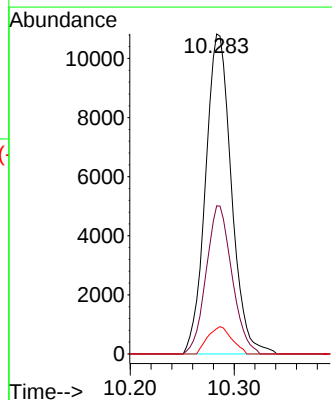
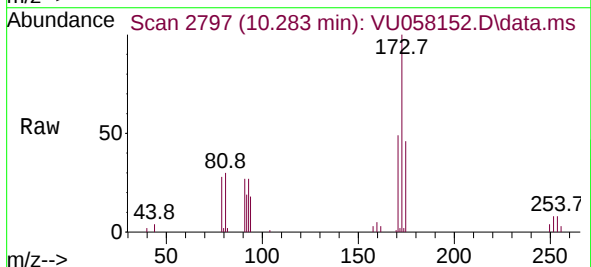
Tgt Ion:173 Resp: 18723

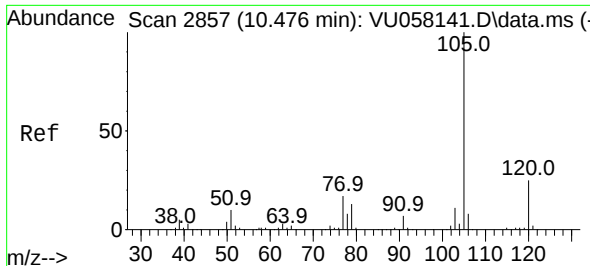
Ion Ratio Lower Upper

173 100

175 46.2 38.6 57.8

254 7.9 7.3 10.9

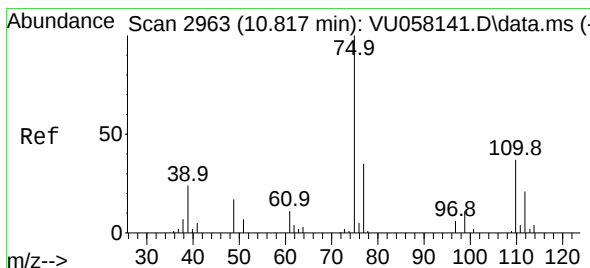
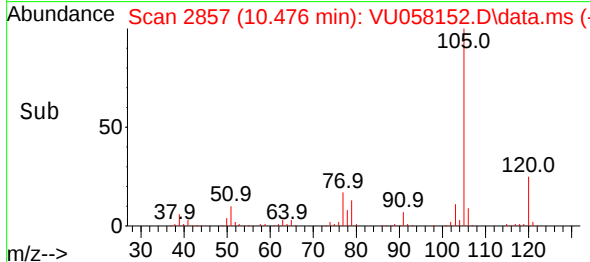
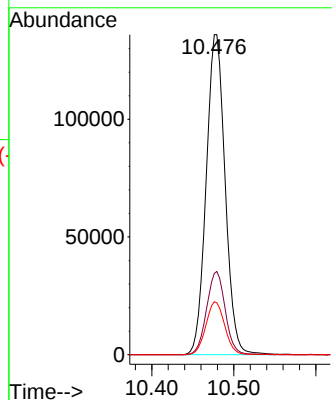
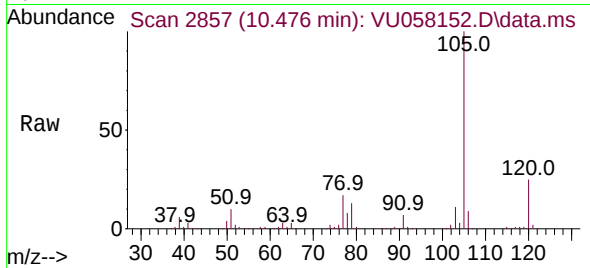




#60
Isopropylbenzene
Concen: 5.396 ug/L
RT: 10.476 min Scan# 2857
Delta R.T. -0.000 min
Lab File: VU058152.D
Acq: 19 Mar 2024 12:35

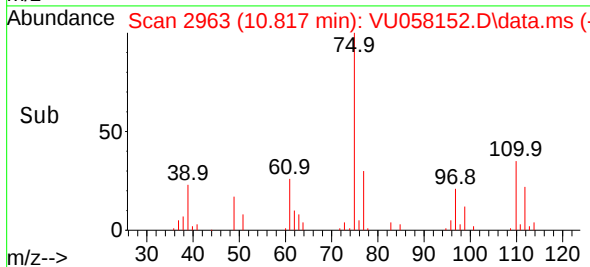
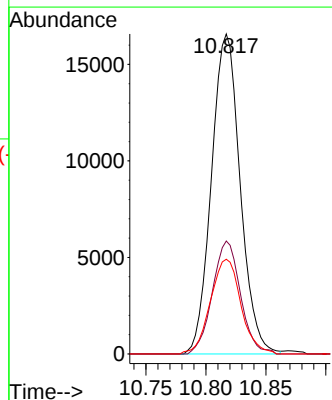
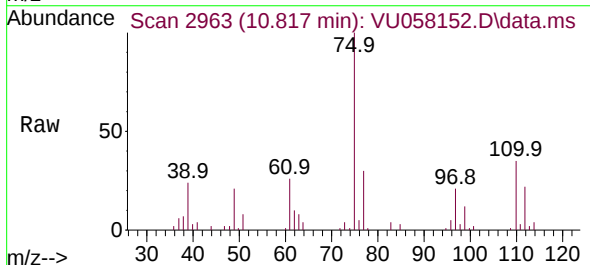
Instrument :
MSVOA_U
ClientSampleId :

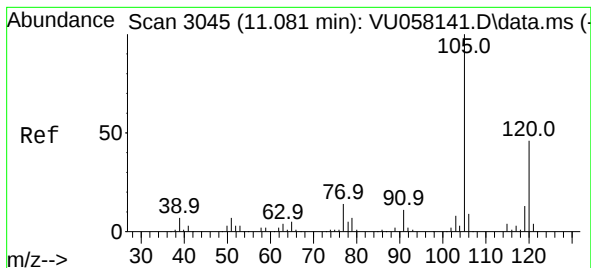
Tgt Ion:105 Resp: 218007
Ion Ratio Lower Upper
105 100
120 25.5 20.4 30.6
77 16.5 13.2 19.8



#61
1,2,3-Trichloropropane
Concen: 5.555 ug/L
RT: 10.817 min Scan# 2963
Delta R.T. 0.003 min
Lab File: VU058152.D
Acq: 19 Mar 2024 12:35

Tgt Ion: 75 Resp: 27600
Ion Ratio Lower Upper
75 100
110 34.4 28.0 42.0
77 31.3 24.7 37.1





#62

1,3,5-Trimethylbenzene

Concen: 5.288 ug/L

RT: 11.081 min Scan# 3045

Delta R.T. -0.003 min

Lab File: VU058152.D

Acq: 19 Mar 2024 12:35

Instrument :

MSVOA_U

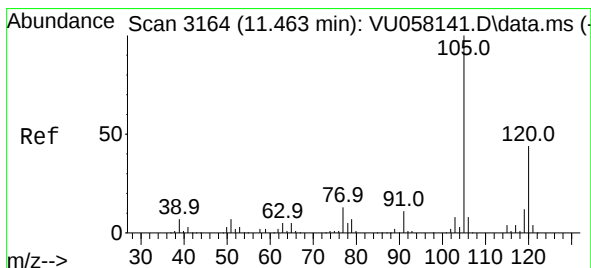
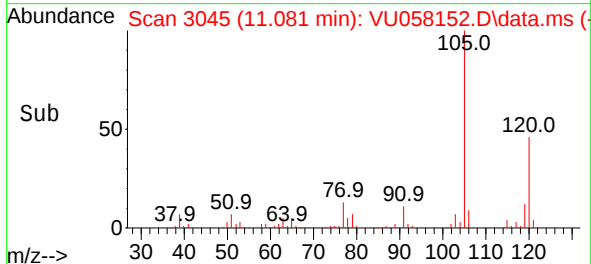
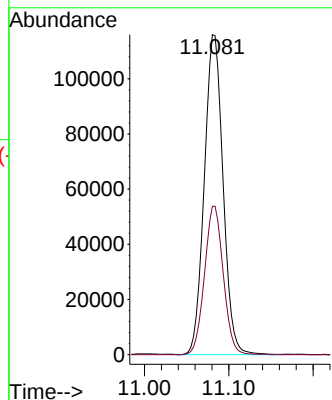
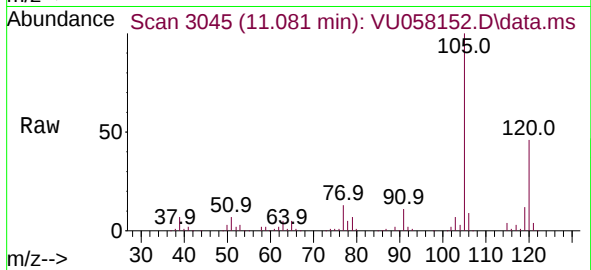
ClientSampleId :

Tgt Ion:105 Resp: 180174

Ion Ratio Lower Upper

105 100

120 46.3 37.1 55.7



#63

1,2,4-Trimethylbenzene

Concen: 5.288 ug/L

RT: 11.463 min Scan# 3164

Delta R.T. -0.000 min

Lab File: VU058152.D

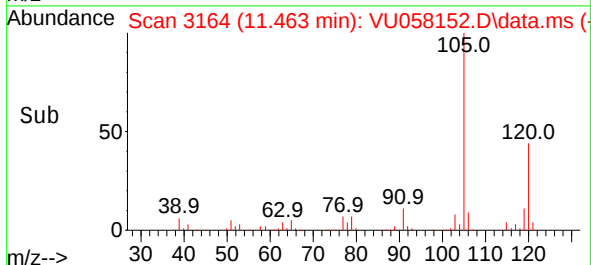
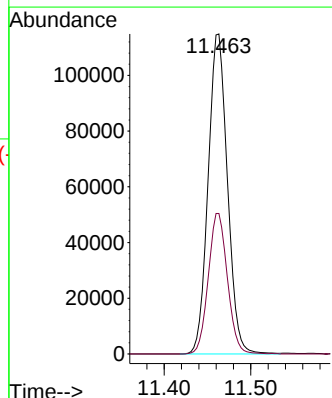
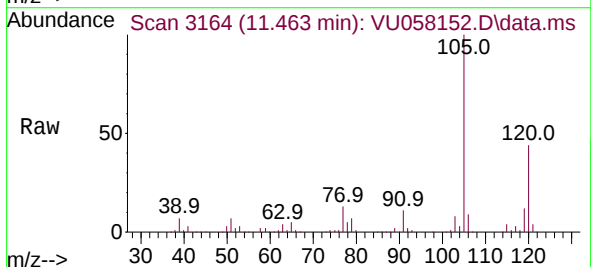
Acq: 19 Mar 2024 12:35

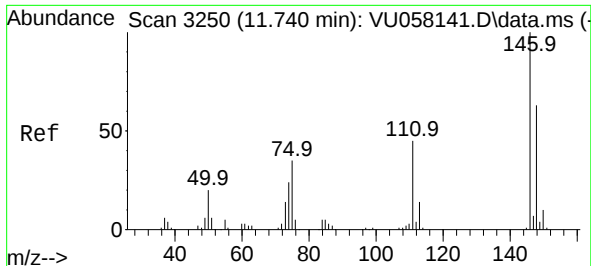
Tgt Ion:105 Resp: 177822

Ion Ratio Lower Upper

105 100

120 43.5 34.8 52.2





#64

1,3-Dichlorobenzene

Concen: 5.253 ug/L

RT: 11.740 min Scan# 3250

Delta R.T. -0.000 min

Lab File: VU058152.D

Acq: 19 Mar 2024 12:35

Instrument :

MSVOA_U

ClientSampleId :

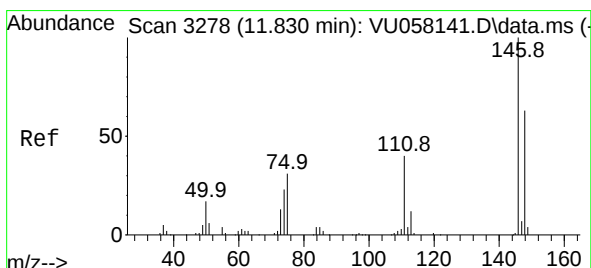
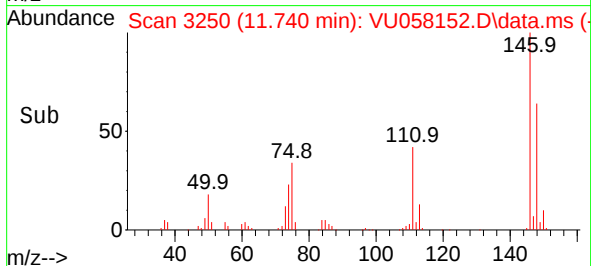
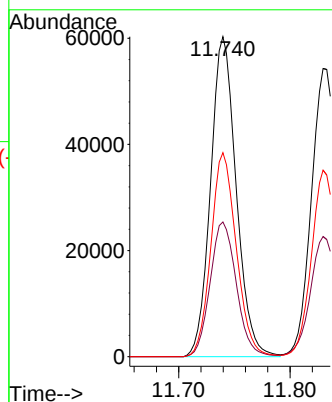
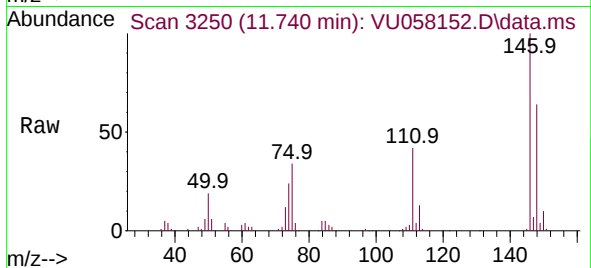
Tgt Ion:146 Resp: 96458

Ion Ratio Lower Upper

146 100

111 42.1 30.9 57.5

148 63.7 45.4 84.4



#65

1,4-Dichlorobenzene

Concen: 5.046 ug/L

RT: 11.830 min Scan# 3278

Delta R.T. -0.000 min

Lab File: VU058152.D

Acq: 19 Mar 2024 12:35

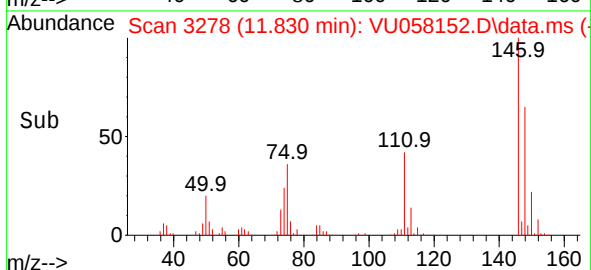
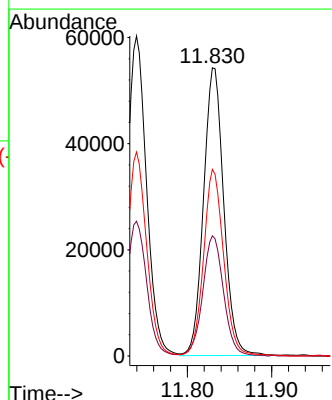
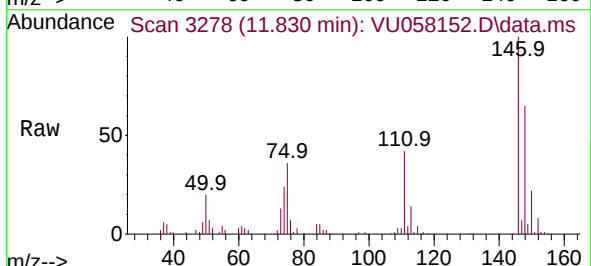
Tgt Ion:146 Resp: 90704

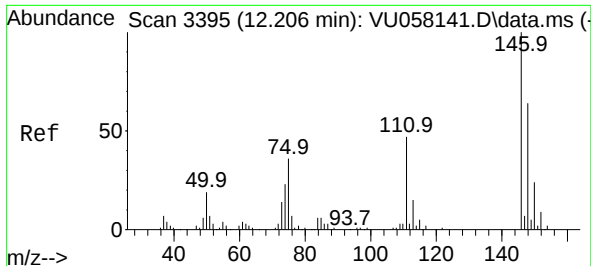
Ion Ratio Lower Upper

146 100

111 41.7 30.1 55.9

148 64.7 45.0 83.6





#67

1,2-Dichlorobenzene

Concen: 5.269 ug/L

RT: 12.206 min Scan# 3395

Delta R.T. -0.000 min

Lab File: VU058152.D

Acq: 19 Mar 2024 12:35

Instrument :

MSVOA_U

ClientSampleId :

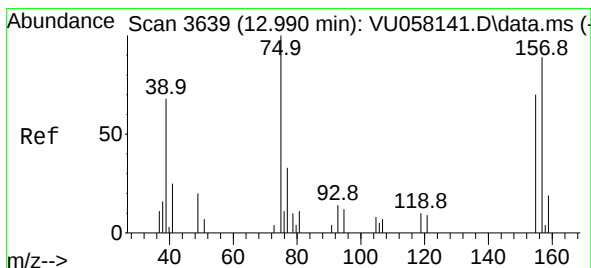
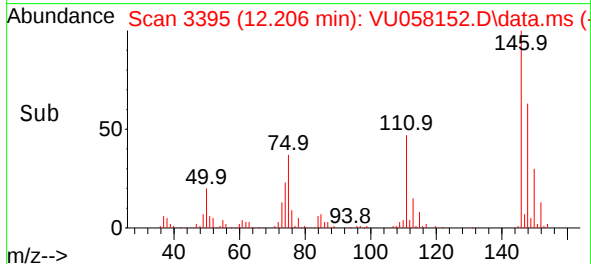
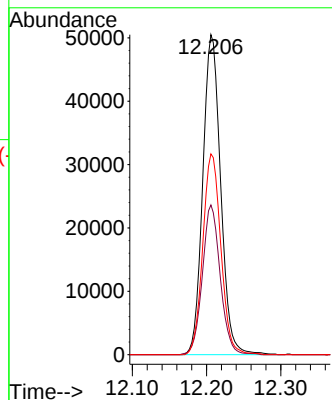
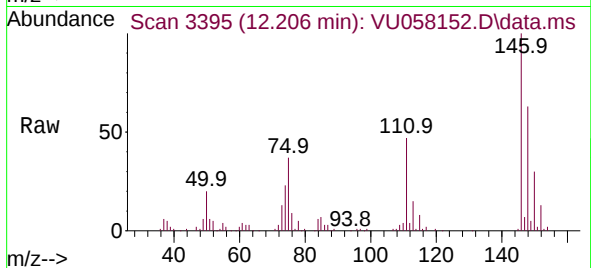
Tgt Ion:146 Resp: 84479

Ion Ratio Lower Upper

146 100

111 46.8 37.4 56.0

148 62.7 50.8 76.2



#68

1,2-Dibromo-3-chloropropane

Concen: 5.065 ug/L

RT: 12.990 min Scan# 3639

Delta R.T. -0.000 min

Lab File: VU058152.D

Acq: 19 Mar 2024 12:35

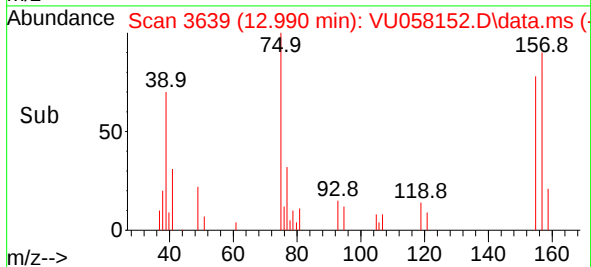
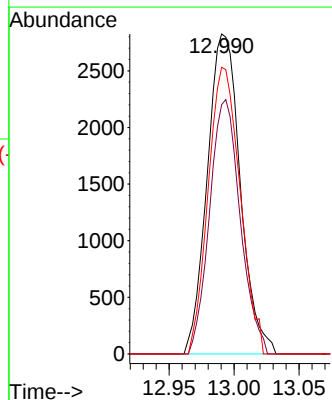
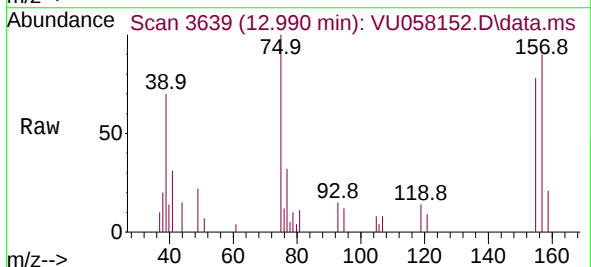
Tgt Ion: 75 Resp: 4993

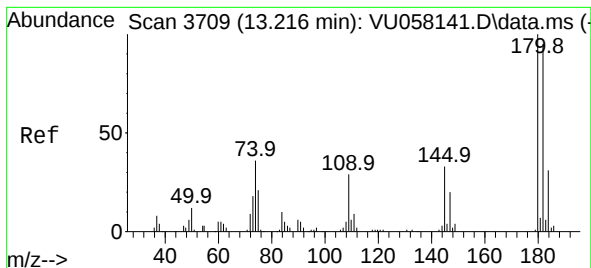
Ion Ratio Lower Upper

75 100

155 77.9 61.0 91.6

157 89.6 74.6 112.0





#69

1,3,5-Trichlorobenzene

Concen: 4.996 ug/L

RT: 13.216 min Scan# 3709

Delta R.T. 0.003 min

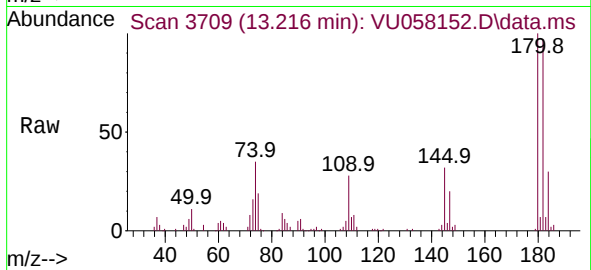
Lab File: VU058152.D

Acq: 19 Mar 2024 12:35

Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion:180 Resp: 65996

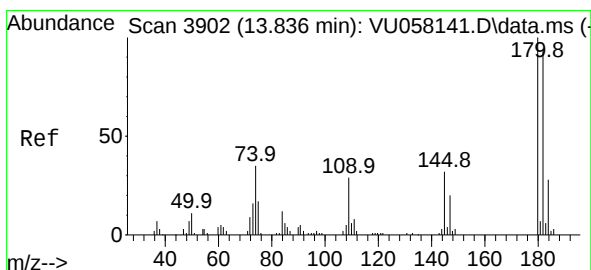
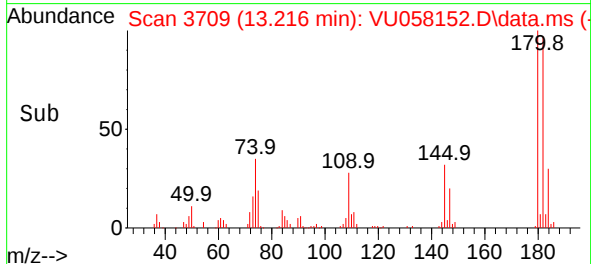
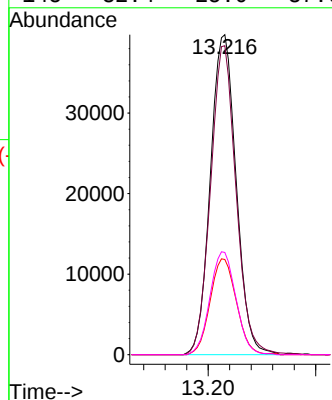
Ion Ratio Lower Upper

180 100

182 95.7 76.3 114.5

184 30.5 24.6 36.8

145 32.4 25.0 37.6



#70

1,2,4-trichlorobenzene

Concen: 4.601 ug/L

RT: 13.836 min Scan# 3902

Delta R.T. -0.000 min

Lab File: VU058152.D

Acq: 19 Mar 2024 12:35

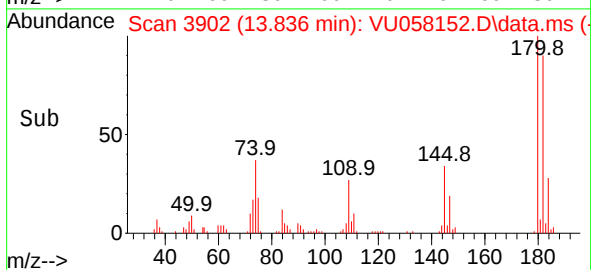
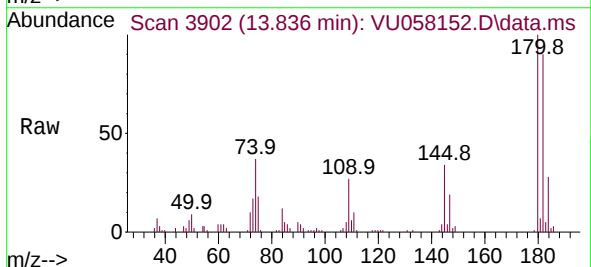
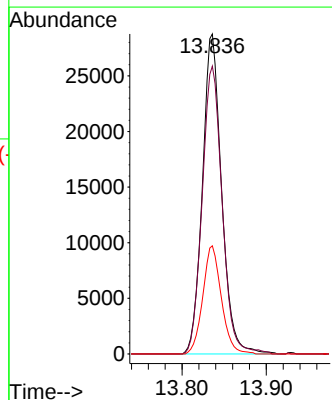
Tgt Ion:180 Resp: 45659

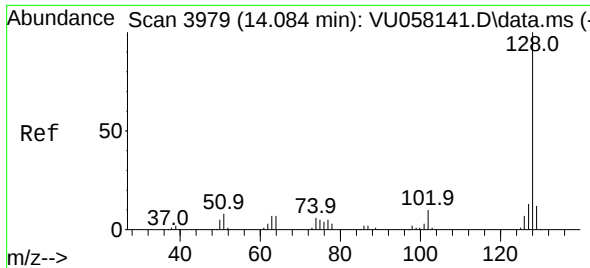
Ion Ratio Lower Upper

180 100

182 93.5 77.9 116.9

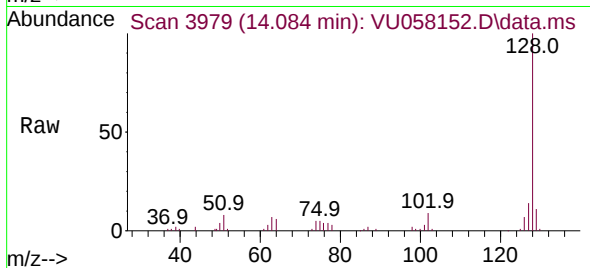
145 32.7 25.8 38.8



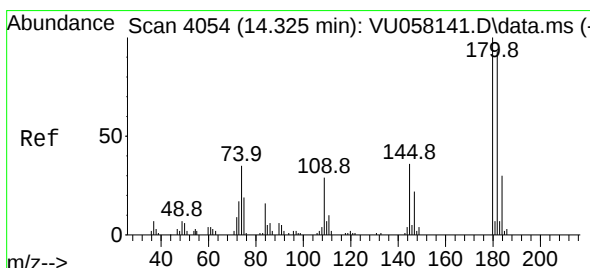
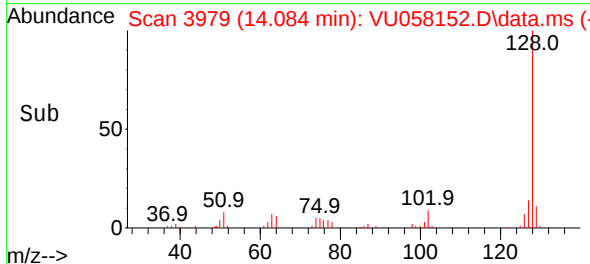
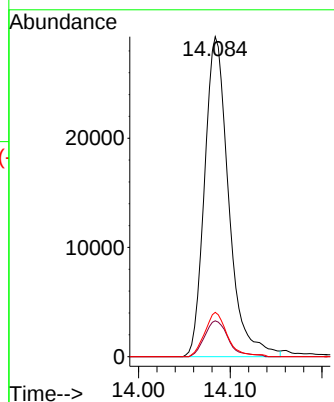


#71
Naphthalene
Concen: 3.949 ug/L
RT: 14.084 min Scan# 3979
Delta R.T. -0.000 min
Lab File: VU058152.D
Acq: 19 Mar 2024 12:35

Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion:128 Resp: 53523
Ion Ratio Lower Upper
128 100
129 11.1 9.0 13.6
127 13.0 10.6 16.0



#72
1,2,3-Trichlorobenzene
Concen: 4.675 ug/L
RT: 14.325 min Scan# 4054
Delta R.T. -0.000 min
Lab File: VU058152.D
Acq: 19 Mar 2024 12:35

Tgt Ion:180 Resp: 36654
Ion Ratio Lower Upper
180 100
182 95.1 77.6 116.4
145 34.7 28.7 43.1

