

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU032724\
 Data File : VU058232.D
 Acq On : 27 Mar 2024 16:35
 Operator : MD/SY
 Sample : VSTDCCC005EC
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Mar 28 04:48:57 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR032124WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Mar 28 04:46:03 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	68625	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	66446	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	32448	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	24026	4.143	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	82.800%
7) Chloroethane-d5	1.907	69	22865	4.830	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	96.600%
11) 1,1-Dichloroethene-d2	2.563	65	9953	4.134	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	82.600%
20) 2-Butanone-d5	4.624	46	57830	56.131	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	112.260%
24) Chloroform-d	5.055	84	51413	4.959	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.200%
26) 1,2-Dichloroethane-d4	5.695	65	25150	5.189	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	103.800%
32) Benzene-d6	5.721	84	98392	4.559	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.200%
36) 1,2-Dichloropropane-d6	6.682	67	31964	5.025	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	100.600%
41) Toluene-d8	7.891	98	87126	4.557	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	91.200%
43) trans-1,3-Dichloroprop...	8.174	79	9959	4.887	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	97.800%
46) 2-Hexanone-d5	8.627	63	43512	52.719	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	105.440%
56) 1,1,2,2-Tetrachloroeth...	10.750	84	21650	5.225	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	104.400%
66) 1,2-Dichlorobenzene-d4	12.187	152	29710	4.917	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	98.400%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.380	85	12802	4.529	ug/L	98
3) Chloromethane	1.515	50	15352	4.261	ug/L	96
5) Vinyl chloride	1.599	62	18214	4.630	ug/L	94
6) Bromomethane	1.853	94	10124	4.798	ug/L	100
8) Chloroethane	1.930	64	13423	5.174	ug/L	98
9) Trichlorofluoromethane	2.136	101	31697	4.957	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.576	101	20598	5.019	ug/L	98
12) 1,1-Dichloroethene	2.573	96	15869	4.613	ug/L	96
13) Acetone	2.644	43	34070	51.096	ug/L	100
14) Carbon disulfide	2.788	76	30415	3.957	ug/L	98
15) Methyl Acetate	2.956	43	7043	5.088	ug/L	97
16) Methylene chloride	3.039	84	21164	4.341	ug/L	98
17) Methyl tert-butyl Ether	3.354	73	44662	4.837	ug/L	99
18) trans-1,2-Dichloroethene	3.345	96	16755	4.660	ug/L	99
19) 1,1-Dichloroethane	3.859	63	40299	4.988	ug/L	99
21) 2-Butanone	4.705	43	48961	48.332	ug/L	98
22) cis-1,2-Dichloroethene	4.660	96	21380	4.812	ug/L	94
23) Bromochloromethane	4.968	128	8746	5.275	ug/L	98
25) Chloroform	5.078	83	42889	5.063	ug/L	95

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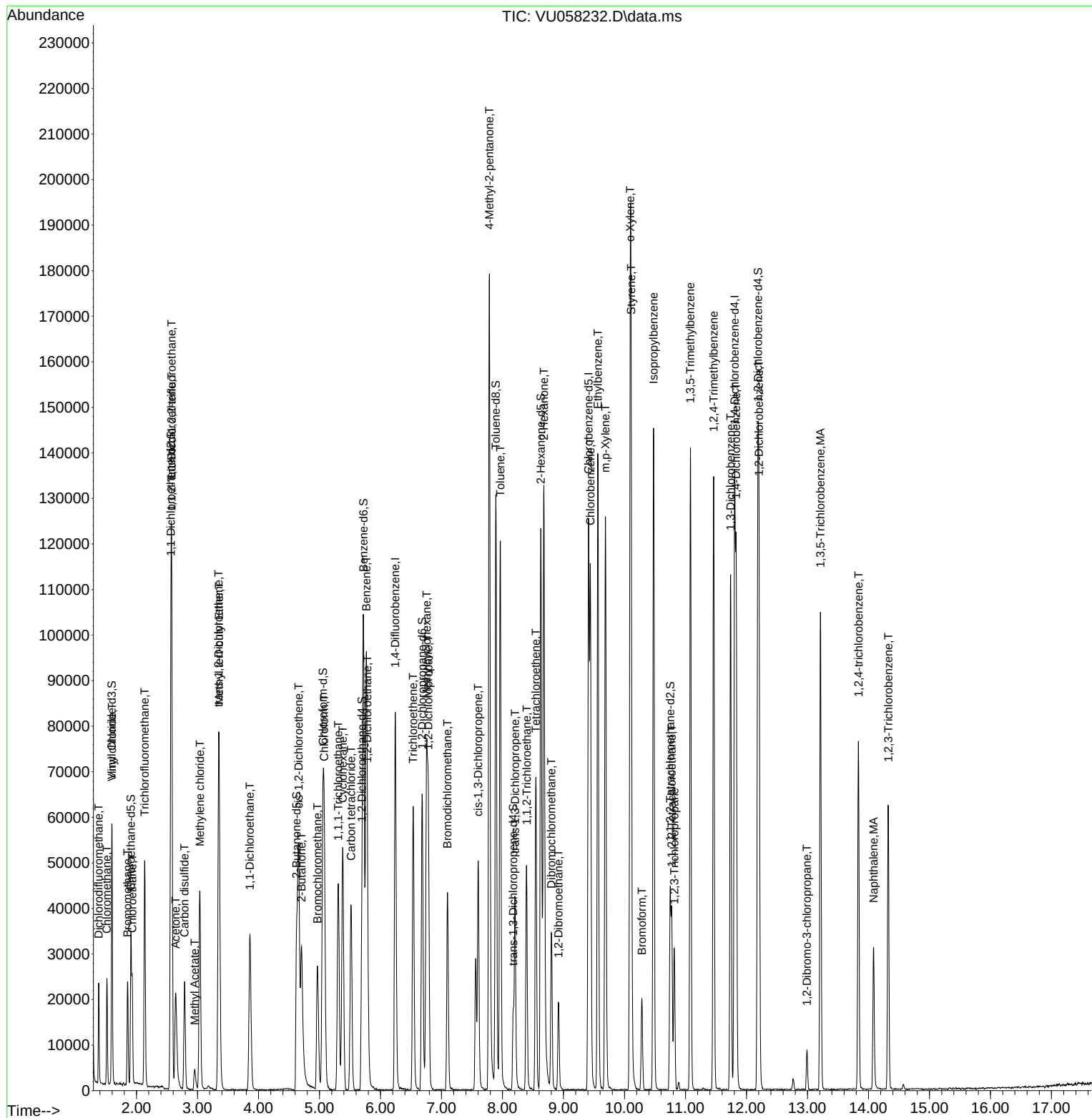
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.785	62	24619	5.118	ug/L	99
29) 1,1,1-Trichloroethane	5.309	97	32583	4.743	ug/L	97
30) Cyclohexane	5.380	56	25500	4.250	ug/L	97
31) Carbon tetrachloride	5.518	117	27800	4.753	ug/L	97
33) Benzene	5.766	78	83963	4.811	ug/L	100
34) Trichloroethene	6.534	95	21563	4.743	ug/L	98
35) Methylcyclohexane	6.756	83	28055	4.425	ug/L	98
37) 1,2-Dichloropropane	6.785	63	23955	4.914	ug/L	99
38) Bromodichloromethane	7.097	83	28399	5.082	ug/L	97
39) cis-1,3-Dichloropropene	7.602	75	30769	4.976	ug/L	96
40) 4-Methyl-2-pentanone	7.785	43	120362	48.826	ug/L	99
42) Toluene	7.965	91	88806	4.816	ug/L	98
44) trans-1,3-Dichloropropene	8.206	75	24769	5.091	ug/L	100
45) 1,1,2-Trichloroethane	8.396	97	15121	4.924	ug/L	98
47) Tetrachloroethene	8.547	164	15056	4.944	ug/L	95
48) 2-Hexanone	8.679	43	89115	49.641	ug/L	94
49) Dibromochloromethane	8.801	129	16758	4.987	ug/L	96
50) 1,2-Dibromoethane	8.917	107	13465	5.094	ug/L	91
51) Chlorobenzene	9.441	112	57681	4.855	ug/L	98
52) Ethylbenzene	9.563	91	97236	4.722	ug/L	99
53) m,p-Xylene	9.688	106	35243	4.804	ug/L	99
54) o-Xylene	10.094	106	36203	4.889	ug/L	99
55) Styrene	10.110	104	59004	5.046	ug/L	95
57) 1,1,2,2-Tetrachloroethane	10.775	83	18312	5.059	ug/L	97
59) Bromoform	10.287	173	8841	5.188	ug/L	99
60) Isopropylbenzene	10.476	105	94103	4.827	ug/L	100
61) 1,2,3-Trichloropropane	10.817	75	12939	4.762	ug/L	98
62) 1,3,5-Trimethylbenzene	11.081	105	76181	4.657	ug/L	99
63) 1,2,4-Trimethylbenzene	11.463	105	75628	4.655	ug/L	99
64) 1,3-Dichlorobenzene	11.740	146	44239	4.873	ug/L	99
65) 1,4-Dichlorobenzene	11.830	146	42854	4.884	ug/L	98
67) 1,2-Dichlorobenzene	12.206	146	41299	4.919	ug/L	97
68) 1,2-Dibromo-3-chloropr...	12.991	75	2340	5.711	ug/L	93
69) 1,3,5-Trichlorobenzene	13.212	180	31843	5.016	ug/L	99
70) 1,2,4-trichlorobenzene	13.836	180	22610	4.775	ug/L	99
71) Naphthalene	14.084	128	26936	4.177	ug/L	99
72) 1,2,3-Trichlorobenzene	14.325	180	19015	4.905	ug/L	100

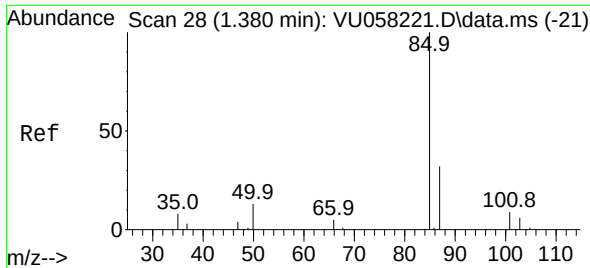
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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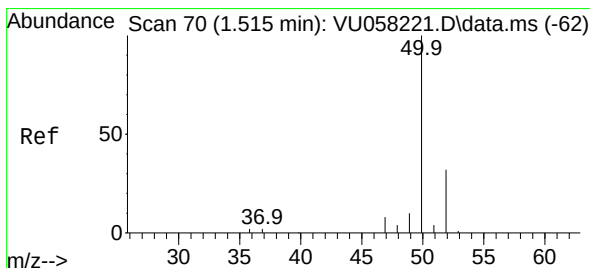
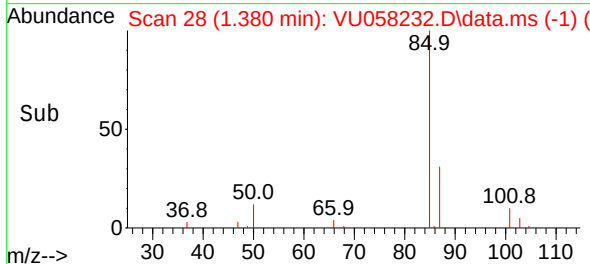
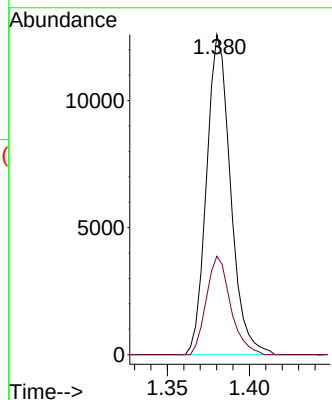
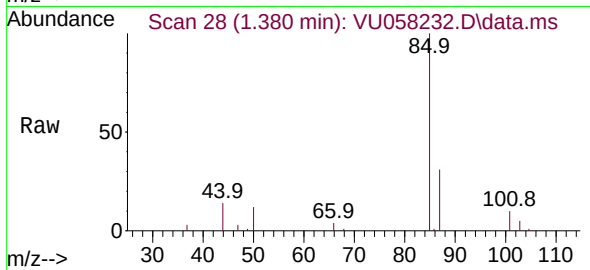




#2
Dichlorodifluoromethane
Concen: 4.529 ug/L
RT: 1.380 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU058232.D
Acq: 27 Mar 2024 16:35

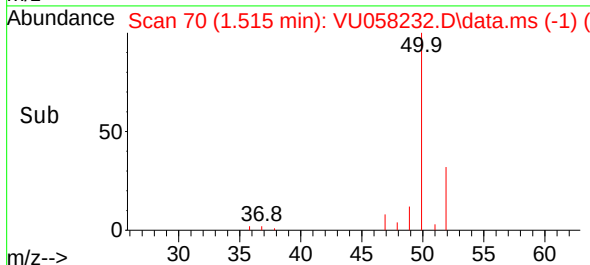
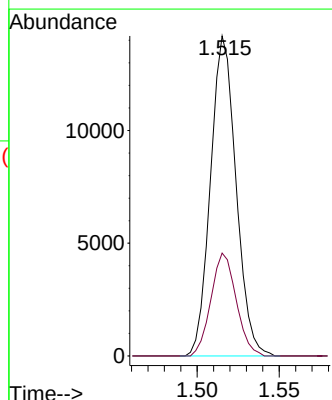
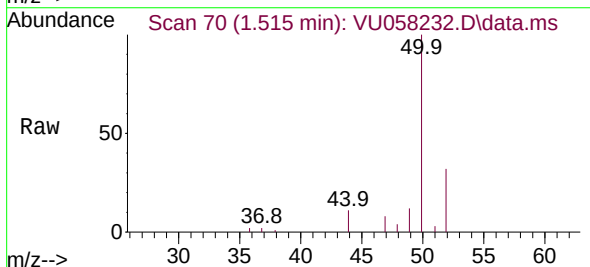
Instrument :
MSVOA_U
ClientSampleId :

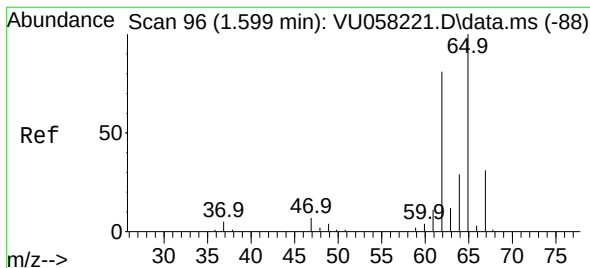
Tgt Ion: 85 Resp: 12802
Ion Ratio Lower Upper
85 100
87 31.0 25.8 38.8



#3
Chloromethane
Concen: 4.261 ug/L
RT: 1.515 min Scan# 70
Delta R.T. 0.000 min
Lab File: VU058232.D
Acq: 27 Mar 2024 16:35

Tgt Ion: 50 Resp: 15352
Ion Ratio Lower Upper
50 100
52 32.2 24.2 45.0





#5

Vinyl chloride

Concen: 4.630 ug/L

RT: 1.599 min Scan# 96

Delta R.T. 0.000 min

Lab File: VU058232.D

Acq: 27 Mar 2024 16:35

Instrument :

MSVOA_U

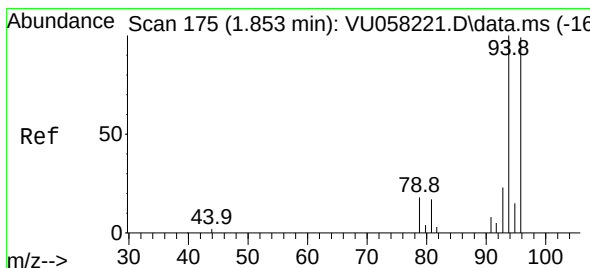
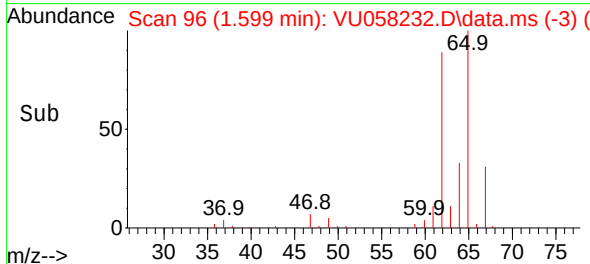
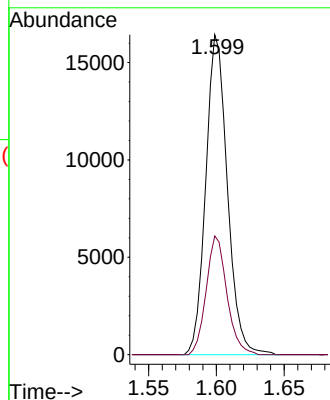
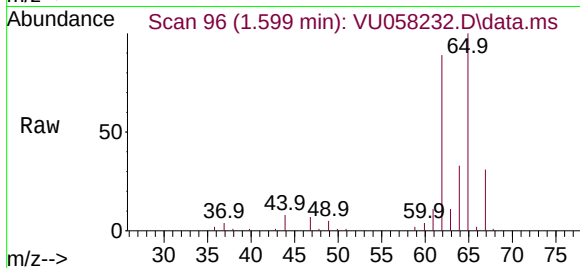
ClientSampleId :

Tgt Ion: 62 Resp: 18214

Ion Ratio Lower Upper

62 100

64 37.1 23.4 43.6



#6

Bromomethane

Concen: 4.798 ug/L

RT: 1.853 min Scan# 175

Delta R.T. 0.000 min

Lab File: VU058232.D

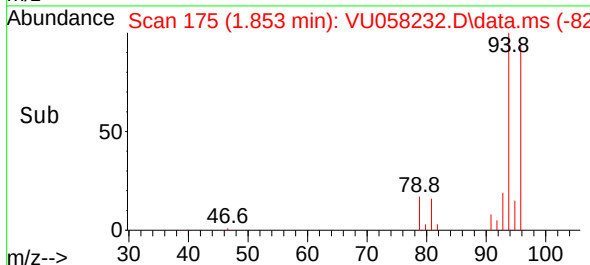
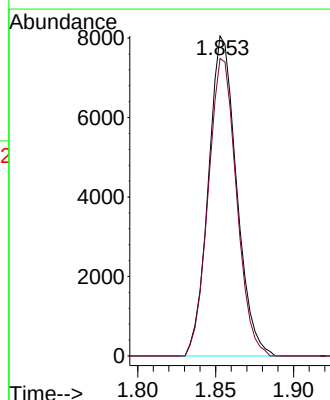
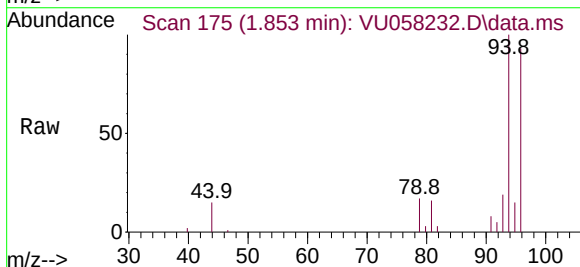
Acq: 27 Mar 2024 16:35

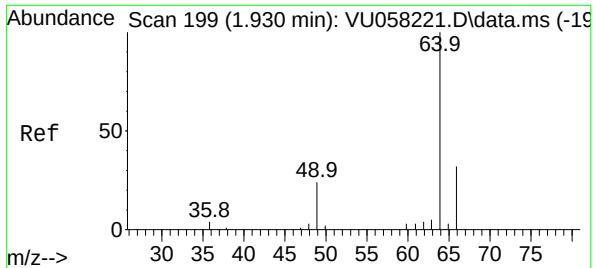
Tgt Ion: 94 Resp: 10124

Ion Ratio Lower Upper

94 100

96 92.9 64.8 120.4

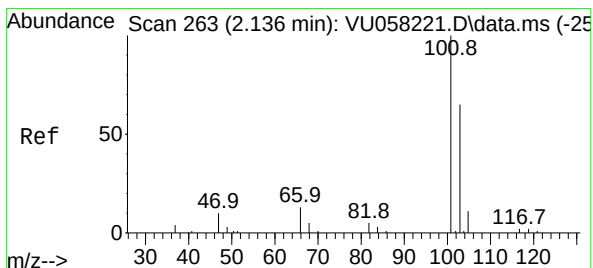
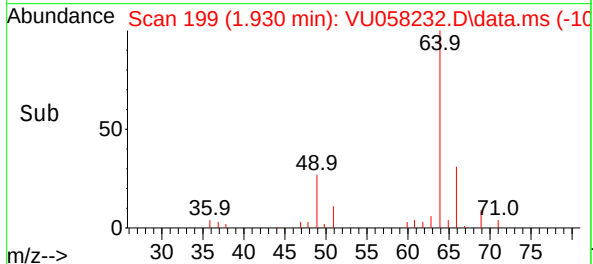
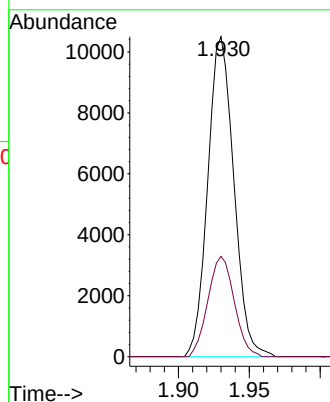
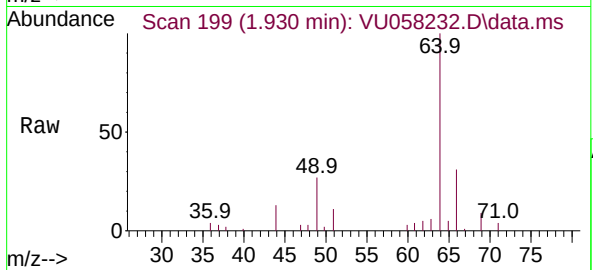




#8
Chloroethane
Concen: 5.174 ug/L
RT: 1.930 min Scan# 199
Delta R.T. 0.000 min
Lab File: VU058232.D
Acq: 27 Mar 2024 16:35

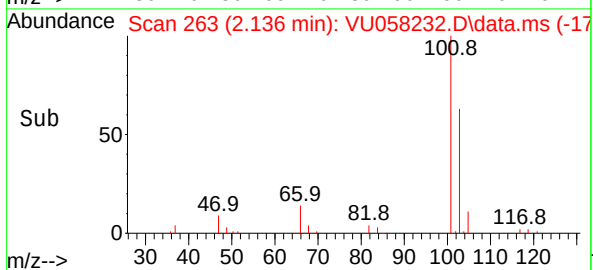
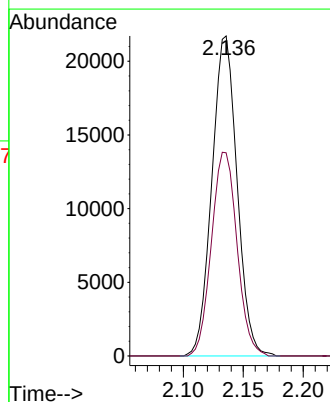
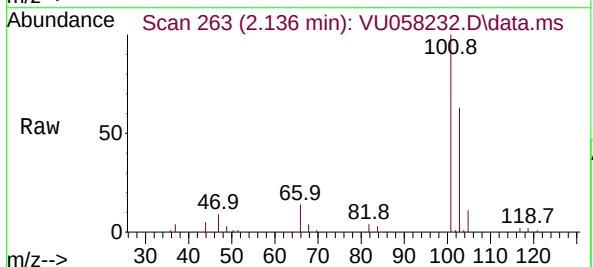
Instrument :
MSVOA_U
ClientSampleId :

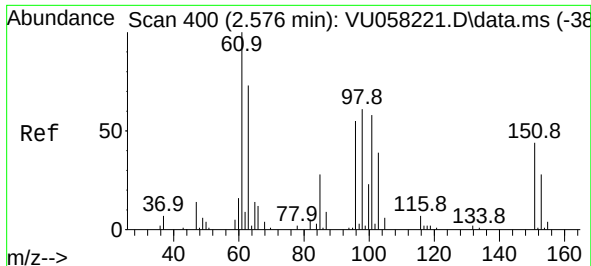
Tgt Ion: 64 Resp: 13423
Ion Ratio Lower Upper
64 100
66 31.3 22.5 41.9



#9
Trichlorofluoromethane
Concen: 4.957 ug/L
RT: 2.136 min Scan# 263
Delta R.T. 0.000 min
Lab File: VU058232.D
Acq: 27 Mar 2024 16:35

Tgt Ion:101 Resp: 31697
Ion Ratio Lower Upper
101 100
103 64.7 52.3 78.5

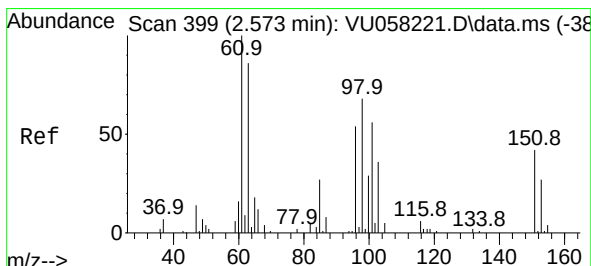
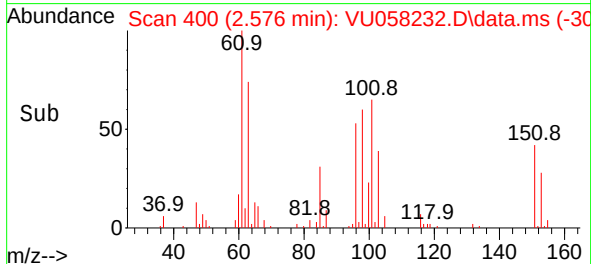
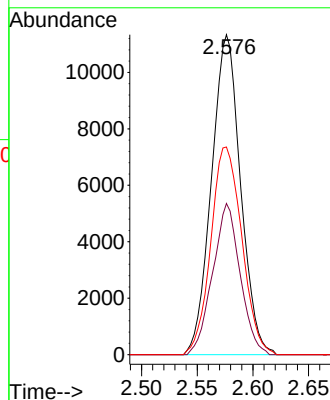
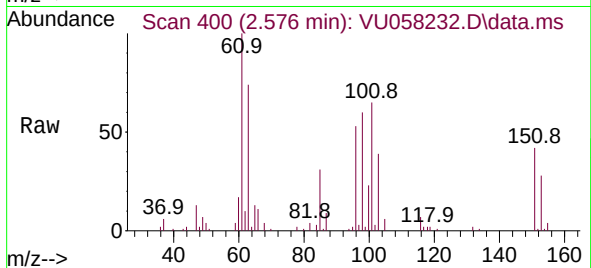




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 5.019 ug/L
RT: 2.576 min Scan# 400
Delta R.T. 0.000 min
Lab File: VU058232.D
Acq: 27 Mar 2024 16:35

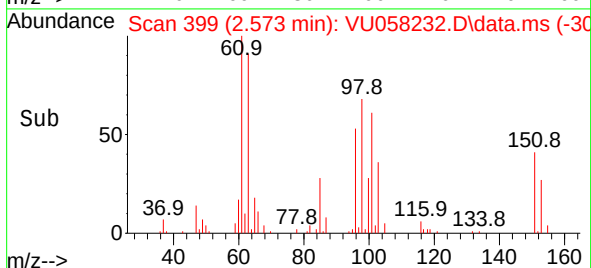
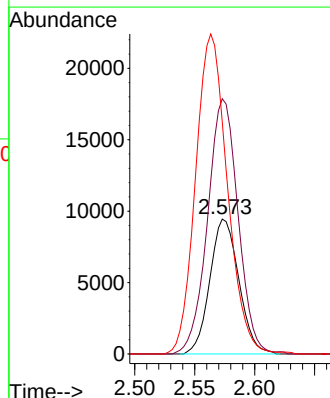
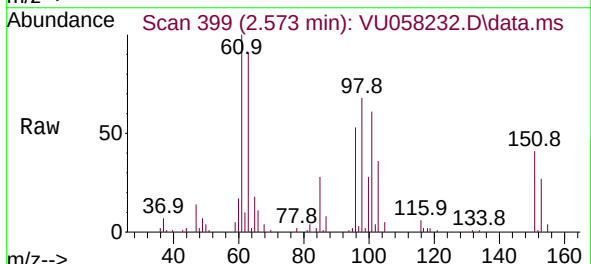
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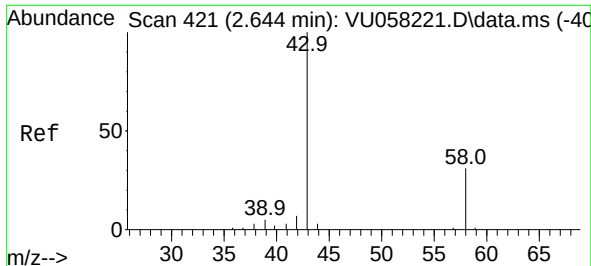
Tgt Ion:101 Resp: 20598
Ion Ratio Lower Upper
101 100
85 44.6 37.9 56.9
151 69.2 55.3 82.9



#12
1,1-Dichloroethene
Concen: 4.613 ug/L
RT: 2.573 min Scan# 399
Delta R.T. 0.000 min
Lab File: VU058232.D
Acq: 27 Mar 2024 16:35

Tgt Ion: 96 Resp: 15869
Ion Ratio Lower Upper
96 100
61 189.3 128.1 237.9
63 172.0 116.8 217.0





#13

Acetone

Concen: 51.096 ug/L

RT: 2.644 min Scan# 41

Delta R.T. 0.000 min

Lab File: VU058232.D

Acq: 27 Mar 2024 16:35

Instrument :

MSVOA_U

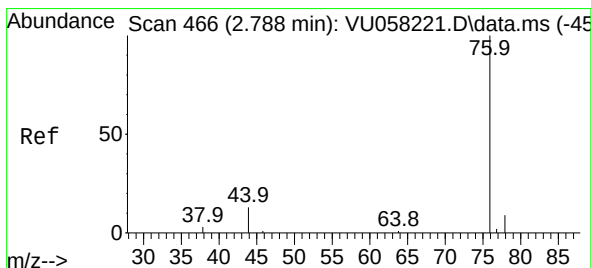
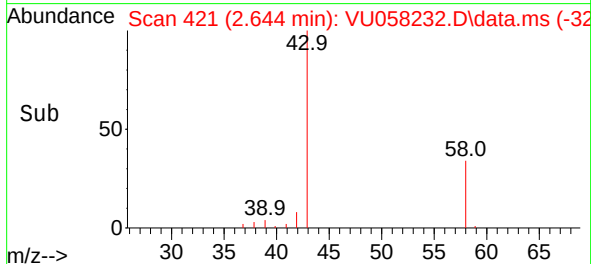
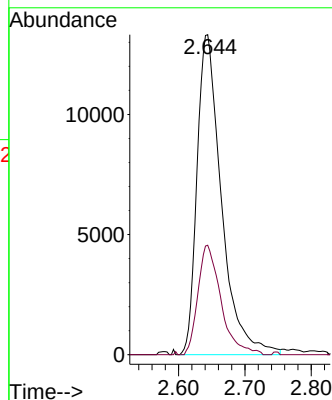
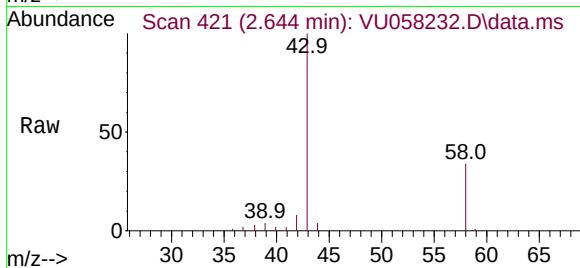
ClientSampleId :

Tgt Ion: 43 Resp: 34070

Ion Ratio Lower Upper

43 100

58 32.2 0.0 64.6



#14

Carbon disulfide

Concen: 3.957 ug/L

RT: 2.788 min Scan# 466

Delta R.T. 0.000 min

Lab File: VU058232.D

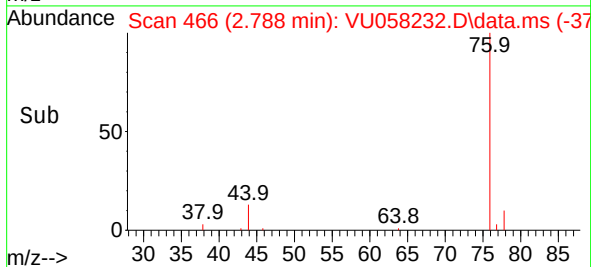
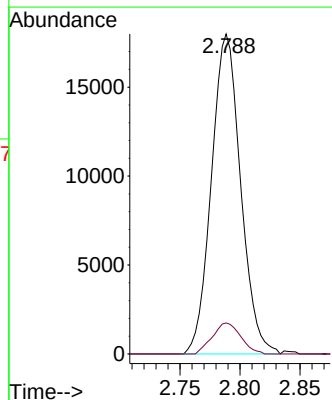
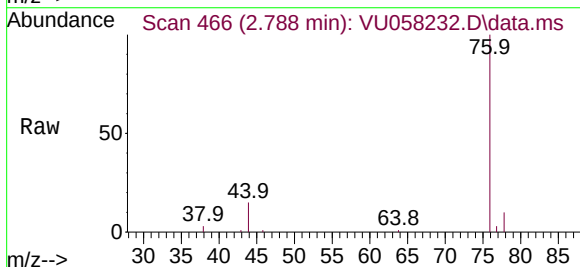
Acq: 27 Mar 2024 16:35

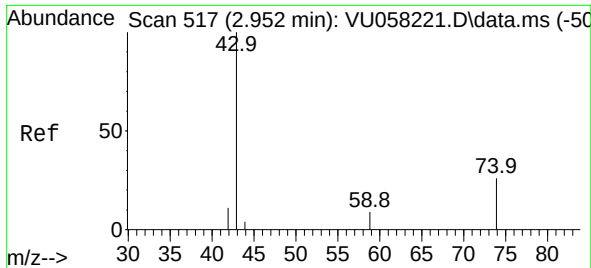
Tgt Ion: 76 Resp: 30415

Ion Ratio Lower Upper

76 100

78 9.7 7.2 10.8

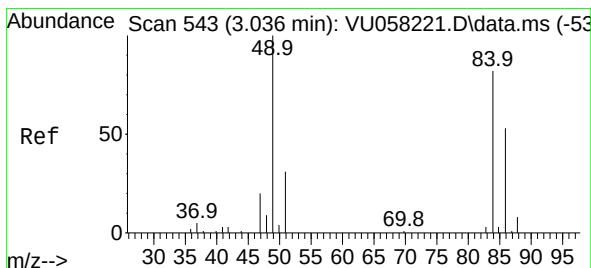
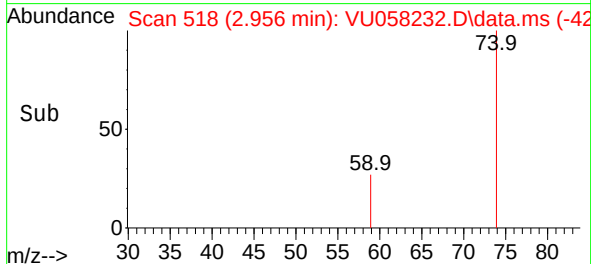
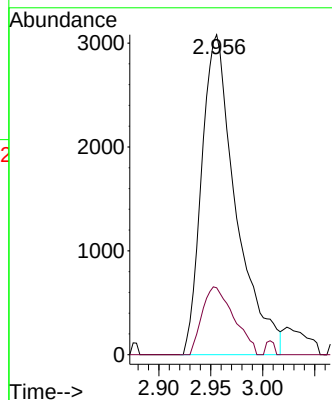
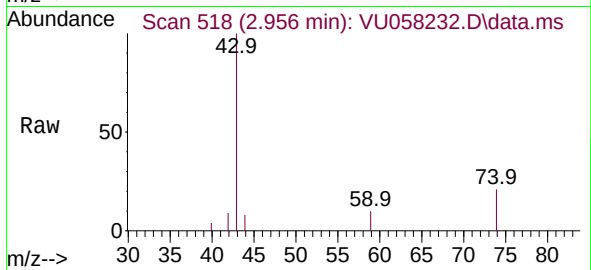




#15
Methyl Acetate
Concen: 5.088 ug/L
RT: 2.956 min Scan# 517
Delta R.T. 0.003 min
Lab File: VU058232.D
Acq: 27 Mar 2024 16:35

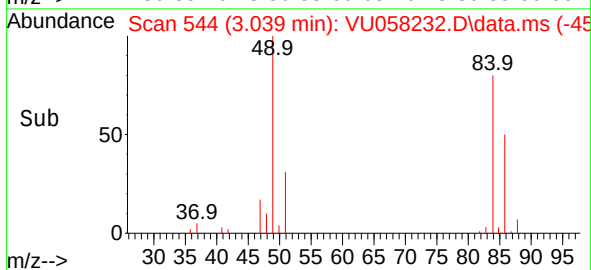
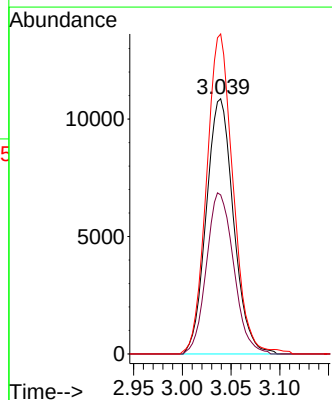
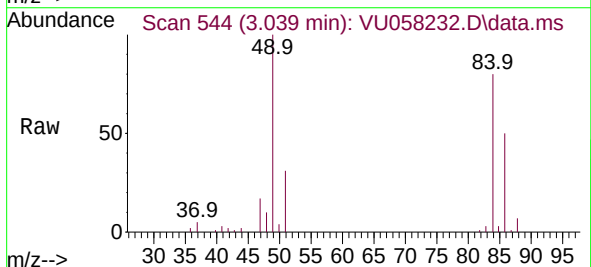
Instrument :
MSVOA_U
ClientSampleId :

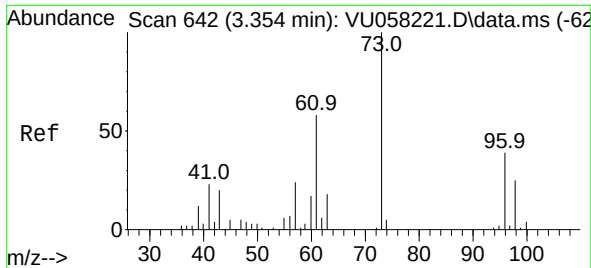
Tgt Ion: 43 Resp: 7043
Ion Ratio Lower Upper
43 100
74 19.7 16.8 25.2



#16
Methylene chloride
Concen: 4.341 ug/L
RT: 3.039 min Scan# 544
Delta R.T. 0.003 min
Lab File: VU058232.D
Acq: 27 Mar 2024 16:35

Tgt Ion: 84 Resp: 21164
Ion Ratio Lower Upper
84 100
86 62.3 45.6 84.6
49 125.4 88.3 163.9

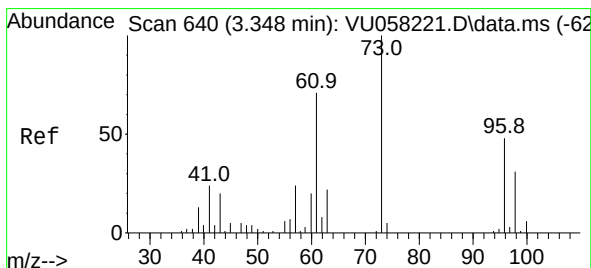
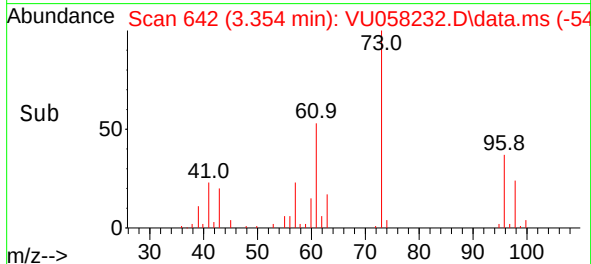
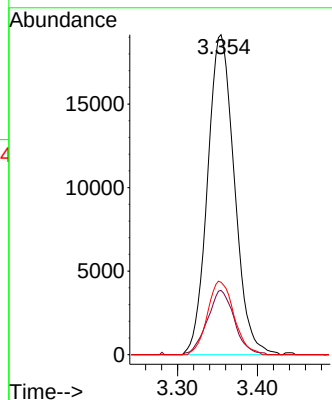
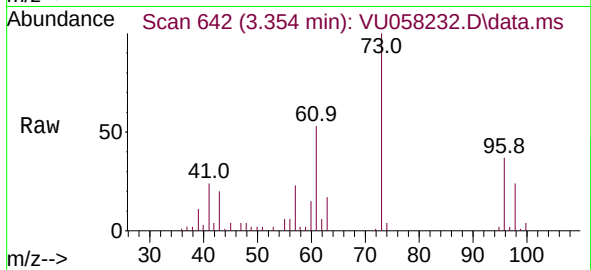




#17
Methyl tert-butyl Ether
Concen: 4.837 ug/L
RT: 3.354 min Scan# 641
Delta R.T. 0.000 min
Lab File: VU058232.D
Acq: 27 Mar 2024 16:35

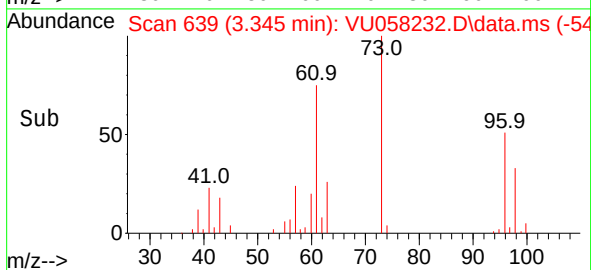
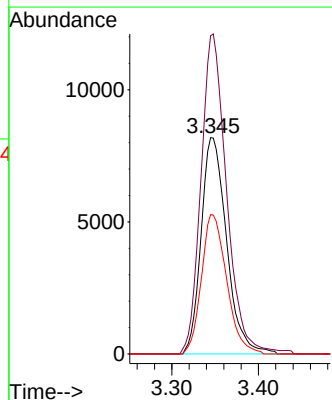
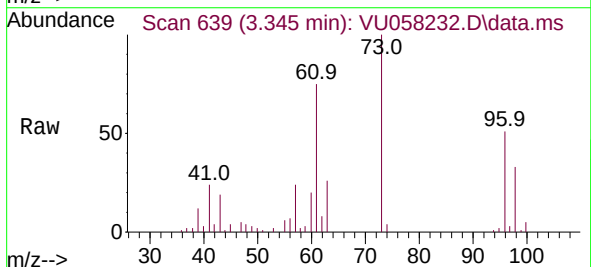
Instrument :
MSVOA_U
ClientSampleId :

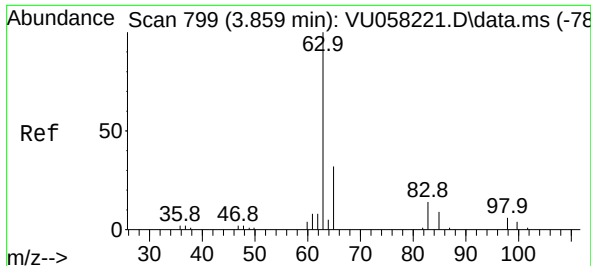
Tgt Ion: 73 Resp: 44662
Ion Ratio Lower Upper
73 100
43 20.2 15.5 23.3
57 22.7 18.0 27.0



#18
trans-1,2-Dichloroethene
Concen: 4.660 ug/L
RT: 3.345 min Scan# 639
Delta R.T. -0.003 min
Lab File: VU058232.D
Acq: 27 Mar 2024 16:35

Tgt Ion: 96 Resp: 16755
Ion Ratio Lower Upper
96 100
61 147.2 102.5 190.3
98 64.5 44.0 81.8

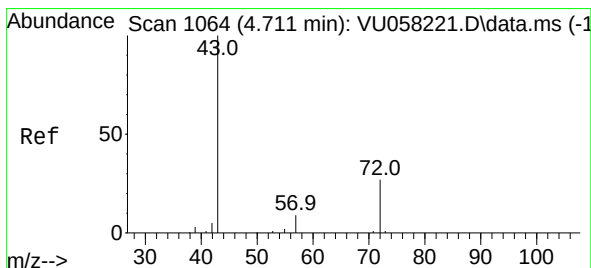
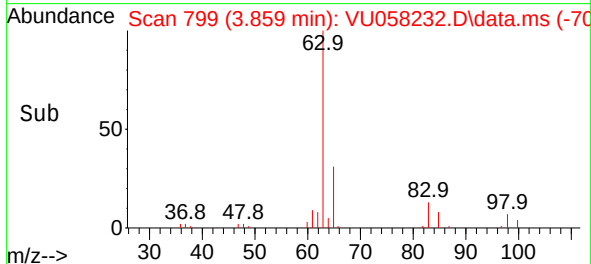
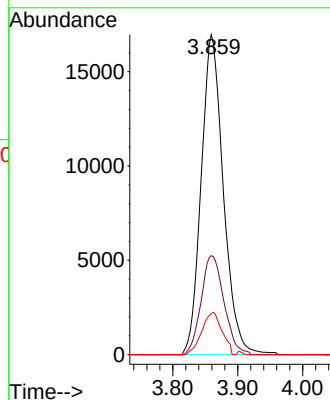
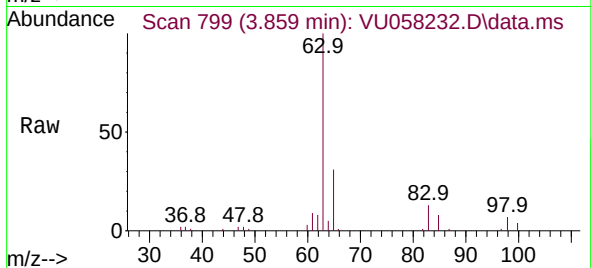




#19
1,1-Dichloroethane
Concen: 4.988 ug/L
RT: 3.859 min Scan# 799
Delta R.T. 0.000 min
Lab File: VU058232.D
Acq: 27 Mar 2024 16:35

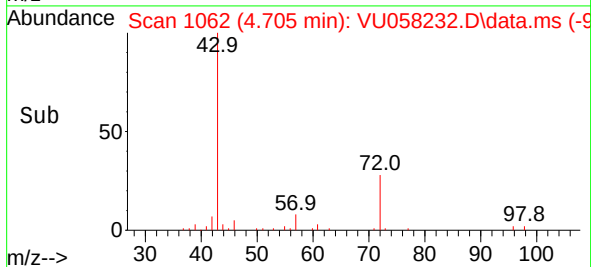
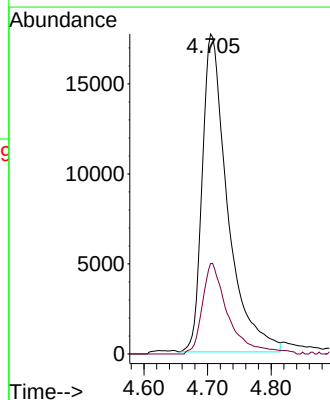
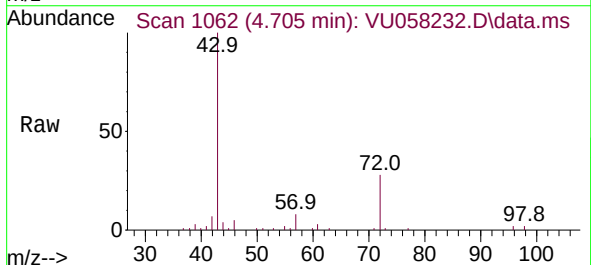
Instrument :
MSVOA_U
ClientSampleId :

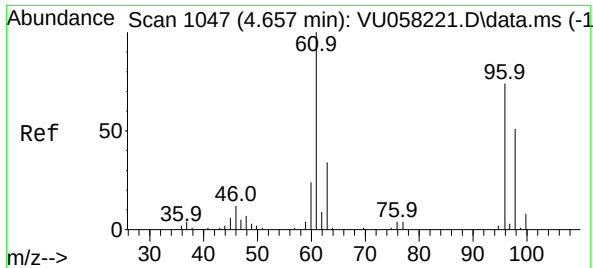
Tgt Ion:	63	Resp:	40299
Ion	Ratio	Lower	Upper
63	100		
65	31.6	22.3	41.5
83	12.8	10.0	18.6



#21
2-Butanone
Concen: 48.332 ug/L
RT: 4.705 min Scan# 1062
Delta R.T. -0.006 min
Lab File: VU058232.D
Acq: 27 Mar 2024 16:35

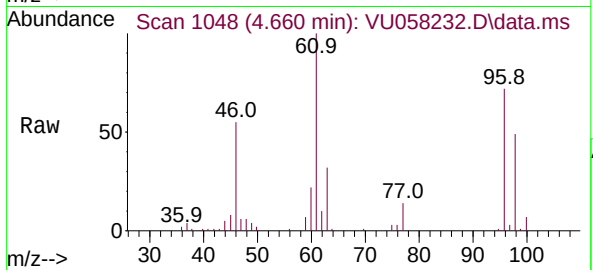
Tgt Ion:	43	Resp:	48961
Ion	Ratio	Lower	Upper
43	100		
72	29.1	14.0	41.9



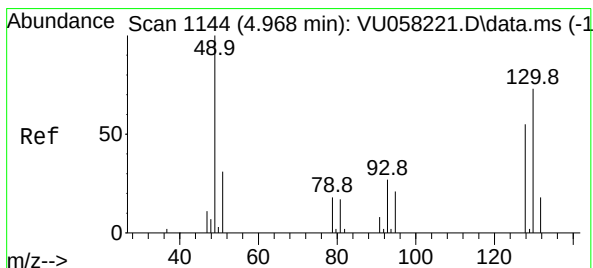
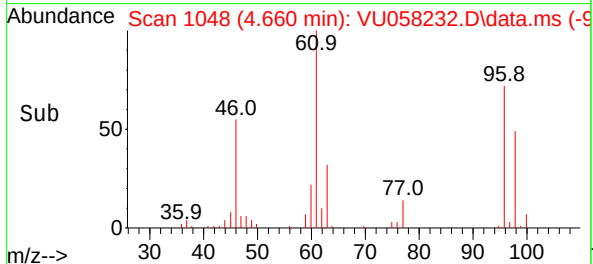
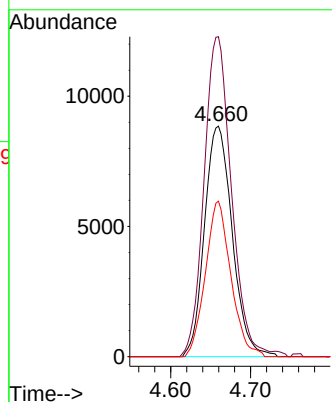


#22
 cis-1,2-Dichloroethene
 Concen: 4.812 ug/L
 RT: 4.660 min Scan# 1048
 Delta R.T. 0.003 min
 Lab File: VU058232.D
 Acq: 27 Mar 2024 16:35

Instrument :
 MSVOA_U
 ClientSampleId :

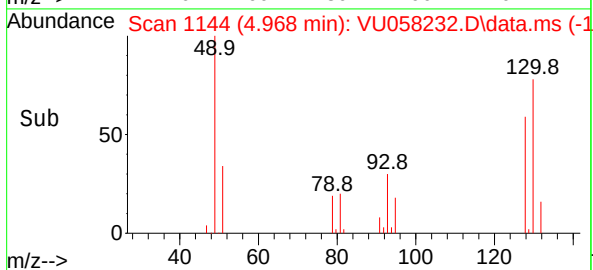
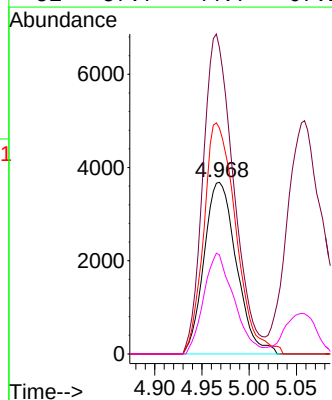
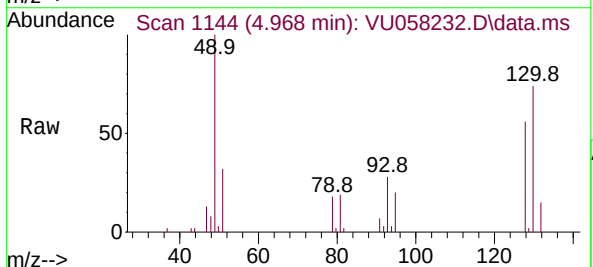


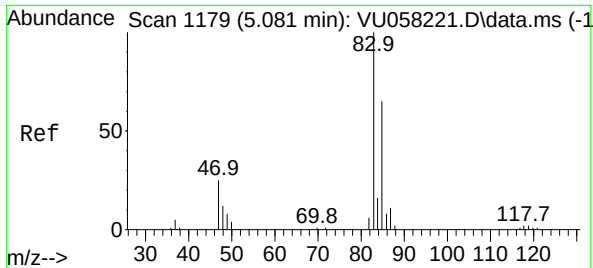
Tgt Ion: 96	Resp: 21380
Ion Ratio	Lower Upper
96 100	
61 138.8	92.8 172.4
98 67.5	43.2 80.2



#23
 Bromochloromethane
 Concen: 5.275 ug/L
 RT: 4.968 min Scan# 1144
 Delta R.T. 0.000 min
 Lab File: VU058232.D
 Acq: 27 Mar 2024 16:35

Tgt	Ion:128	Resp:	8746
Ion	Ratio	Lower	Upper
128	100		
49	184.1	125.0	232.2
130	131.6	92.3	171.5
51	57.7	44.7	67.1

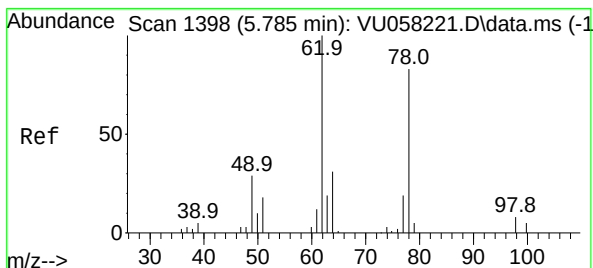
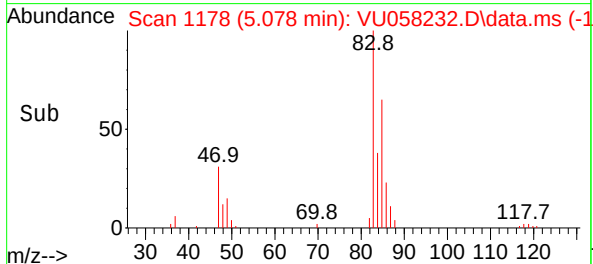
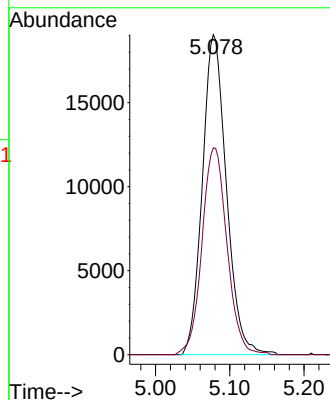
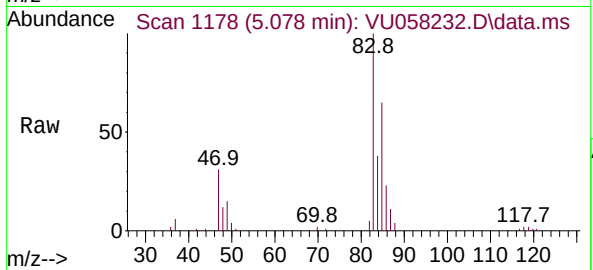




#25
Chloroform
Concen: 5.063 ug/L
RT: 5.078 min Scan# 1179
Delta R.T. -0.003 min
Lab File: VU058232.D
Acq: 27 Mar 2024 16:35

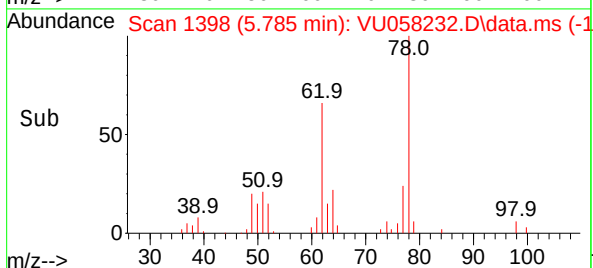
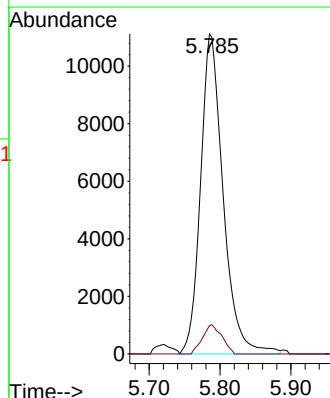
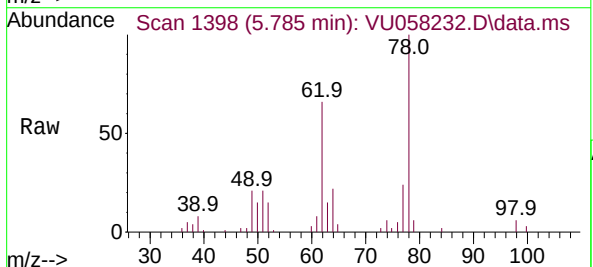
Instrument :
MSVOA_U
ClientSampleId :

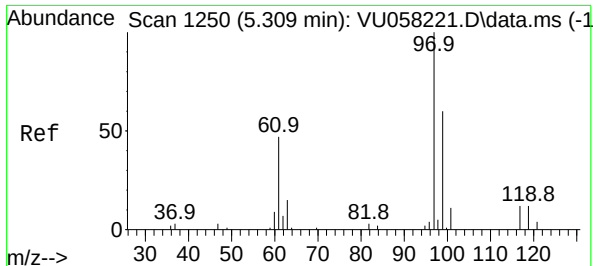
Tgt Ion: 83 Resp: 42889
Ion Ratio Lower Upper
83 100
85 64.6 47.9 88.9



#27
1,2-Dichloroethane
Concen: 5.118 ug/L
RT: 5.785 min Scan# 1398
Delta R.T. 0.000 min
Lab File: VU058232.D
Acq: 27 Mar 2024 16:35

Tgt Ion: 62 Resp: 24619
Ion Ratio Lower Upper
62 100
98 8.8 6.6 10.0

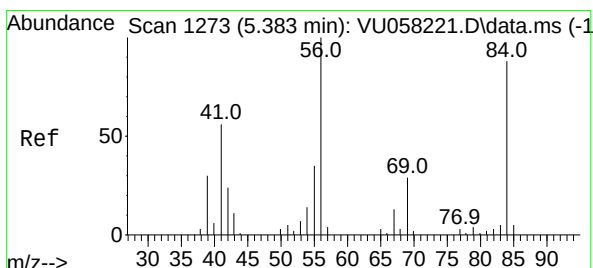
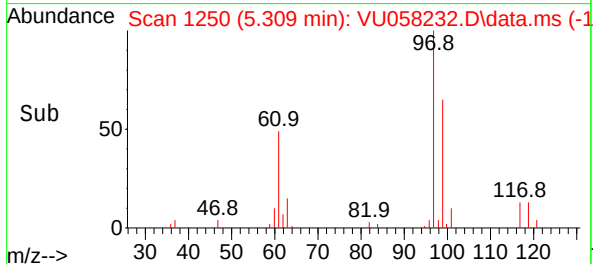
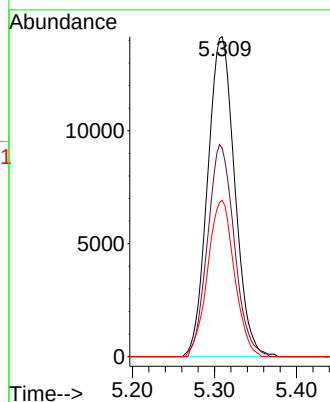
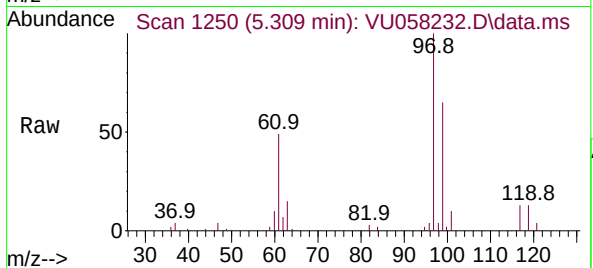




#29
1,1,1-Trichloroethane
Concen: 4.743 ug/L
RT: 5.309 min Scan# 1250
Delta R.T. 0.000 min
Lab File: VU058232.D
Acq: 27 Mar 2024 16:35

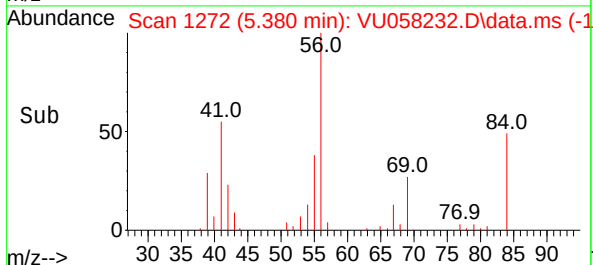
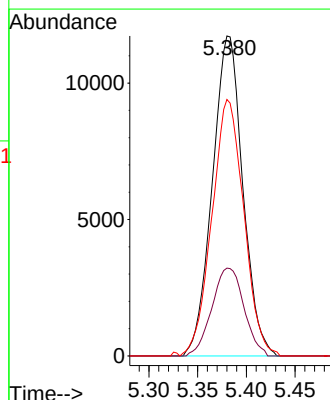
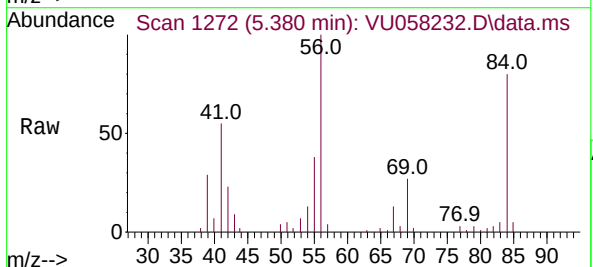
Instrument :
MSVOA_U
ClientSampleId :

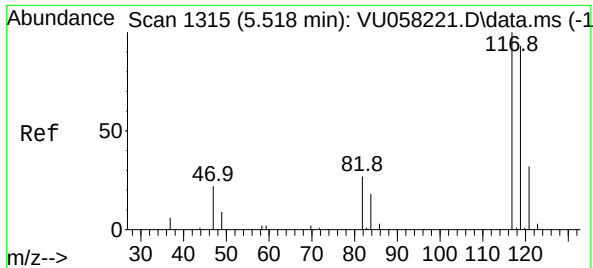
Tgt Ion: 97 Resp: 32583
Ion Ratio Lower Upper
97 100
99 65.1 50.5 75.7
61 48.3 36.3 54.5



#30
Cyclohexane
Concen: 4.250 ug/L
RT: 5.380 min Scan# 1272
Delta R.T. -0.003 min
Lab File: VU058232.D
Acq: 27 Mar 2024 16:35

Tgt Ion: 56 Resp: 25500
Ion Ratio Lower Upper
56 100
69 28.9 24.2 36.2
84 84.0 69.7 104.5

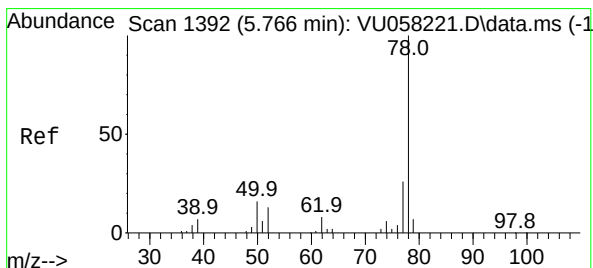
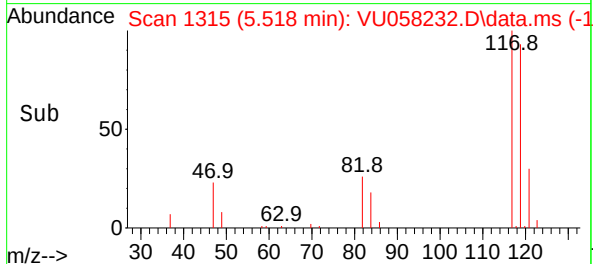
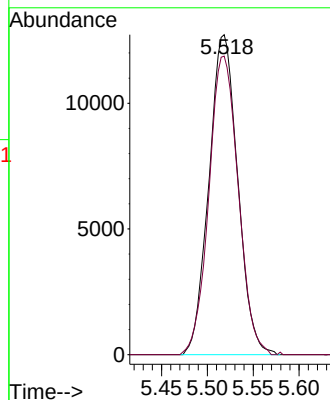
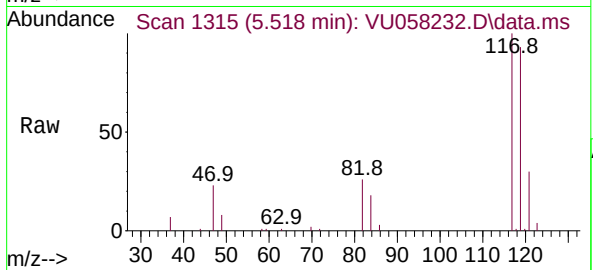




#31
Carbon tetrachloride
Concen: 4.753 ug/L
RT: 5.518 min Scan# 1315
Delta R.T. 0.000 min
Lab File: VU058232.D
Acq: 27 Mar 2024 16:35

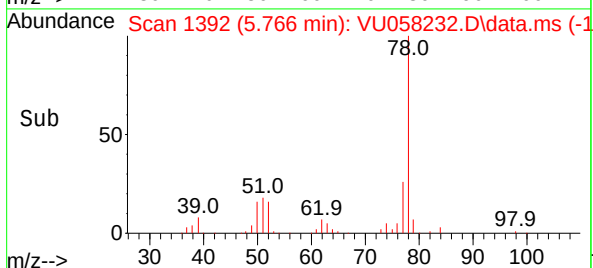
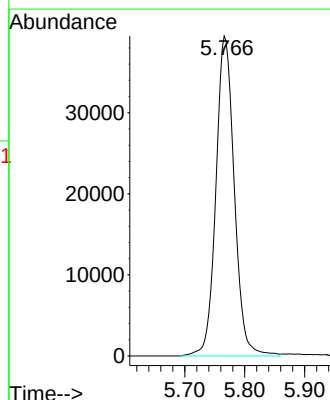
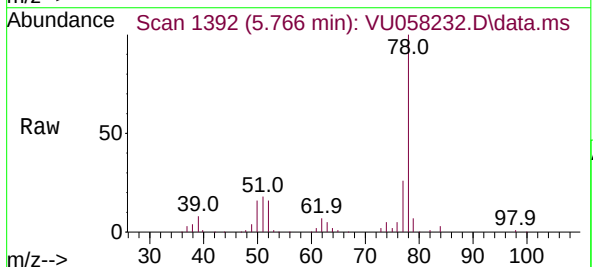
Instrument :
MSVOA_U
ClientSampleId :

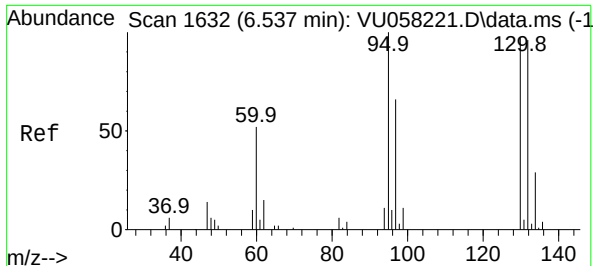
Tgt Ion:117 Resp: 27800
Ion Ratio Lower Upper
117 100
119 95.0 78.1 117.1



#33
Benzene
Concen: 4.811 ug/L
RT: 5.766 min Scan# 1392
Delta R.T. 0.000 min
Lab File: VU058232.D
Acq: 27 Mar 2024 16:35

Tgt Ion: 78 Resp: 83963





#34

Trichloroethene

Concen: 4.743 ug/L

RT: 6.534 min Scan# 1

Delta R.T. -0.003 min

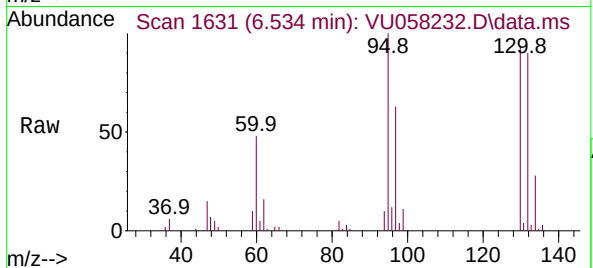
Lab File: VU058232.D

Acq: 27 Mar 2024 16:35

Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion: 95 Resp: 21563

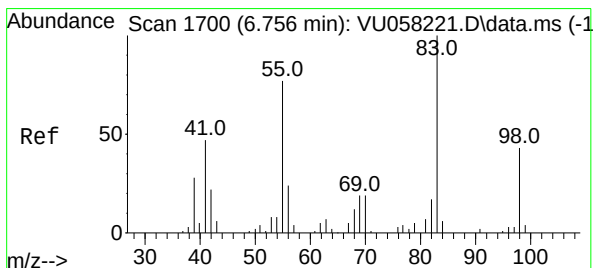
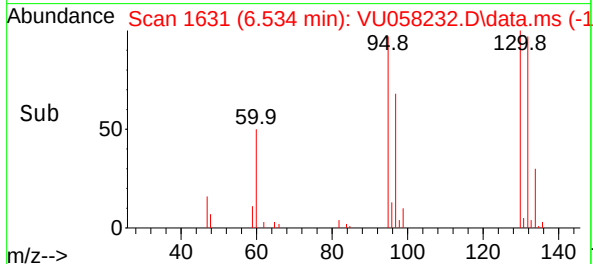
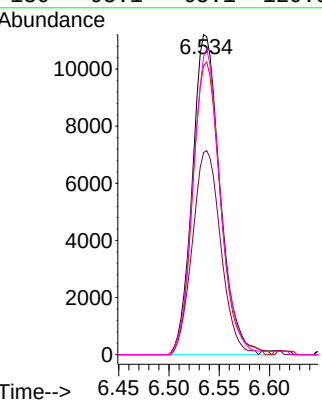
Ion Ratio Lower Upper

95 100

97 63.1 47.7 88.7

132 90.3 63.6 118.2

130 93.1 65.1 120.9



#35

Methylcyclohexane

Concen: 4.425 ug/L

RT: 6.756 min Scan# 1700

Delta R.T. 0.000 min

Lab File: VU058232.D

Acq: 27 Mar 2024 16:35

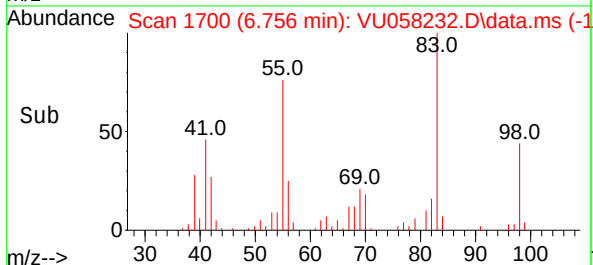
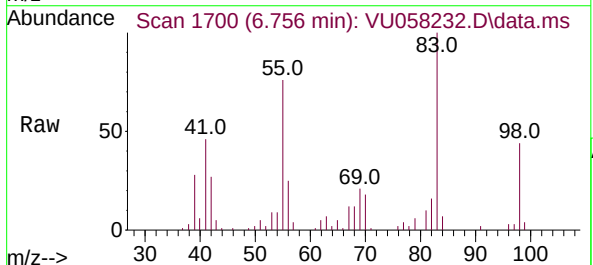
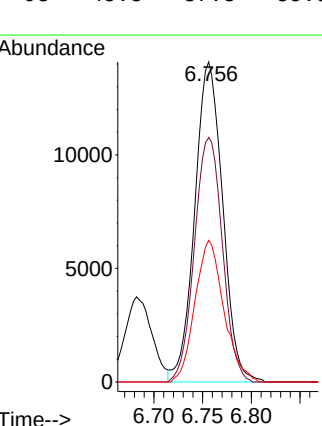
Tgt Ion: 83 Resp: 28055

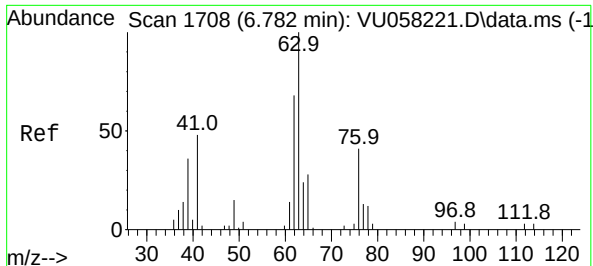
Ion Ratio Lower Upper

83 100

55 76.5 62.7 94.1

98 45.8 37.3 55.9

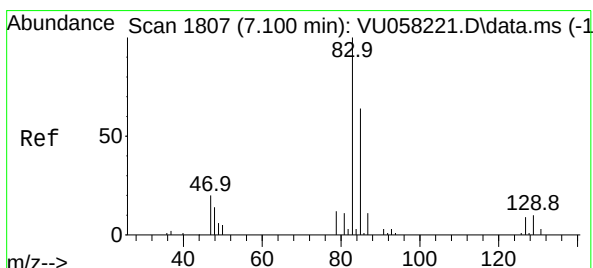
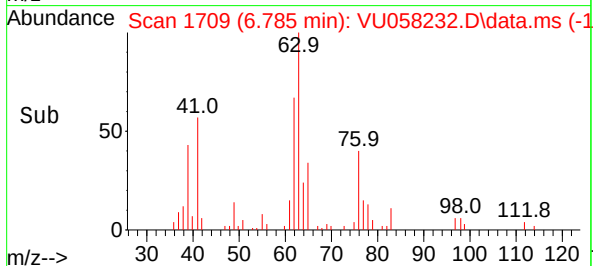
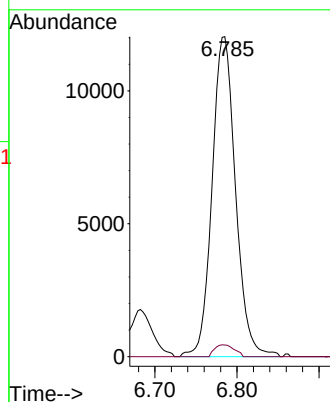
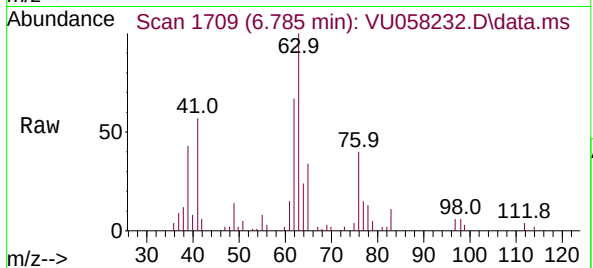




#37
1,2-Dichloropropane
Concen: 4.914 ug/L
RT: 6.785 min Scan# 11
Delta R.T. 0.003 min
Lab File: VU058232.D
Acq: 27 Mar 2024 16:35

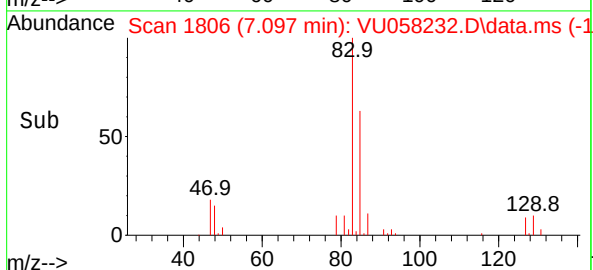
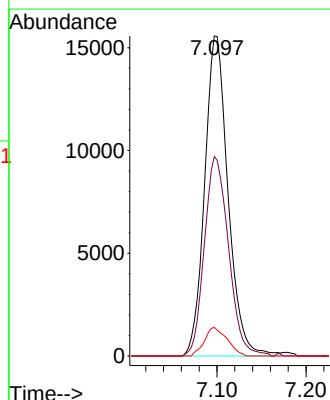
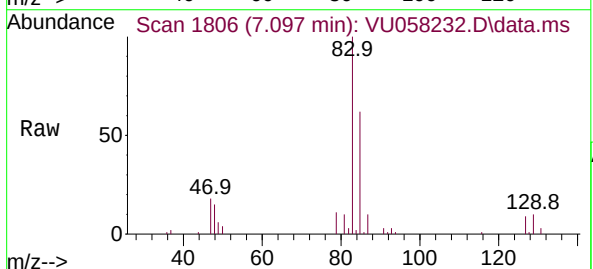
Instrument :
MSVOA_U
ClientSampleId :

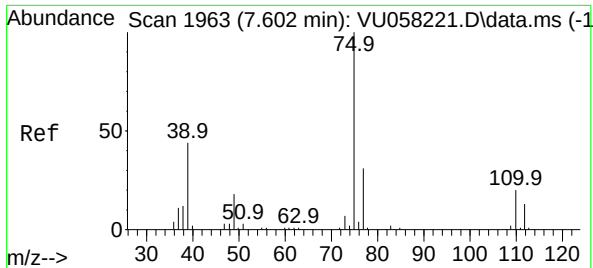
Tgt Ion: 63 Resp: 23955
Ion Ratio Lower Upper
63 100
112 3.1 2.7 4.1



#38
Bromodichloromethane
Concen: 5.082 ug/L
RT: 7.097 min Scan# 1806
Delta R.T. -0.003 min
Lab File: VU058232.D
Acq: 27 Mar 2024 16:35

Tgt Ion: 83 Resp: 28399
Ion Ratio Lower Upper
83 100
85 62.3 45.6 84.8
127 8.9 7.1 10.7

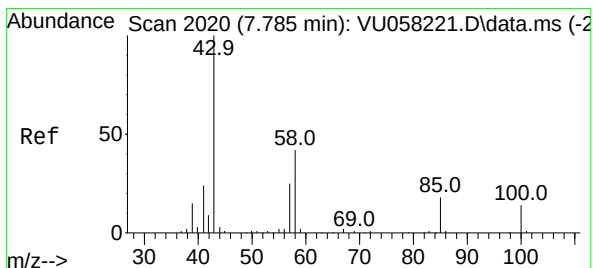
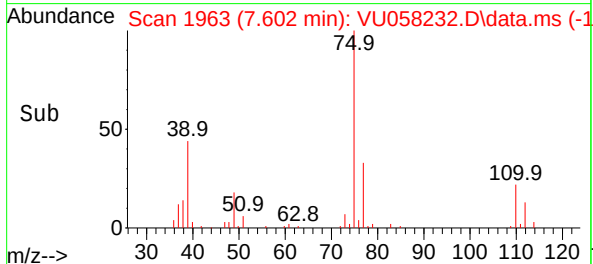
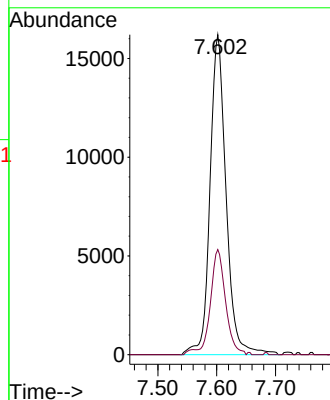
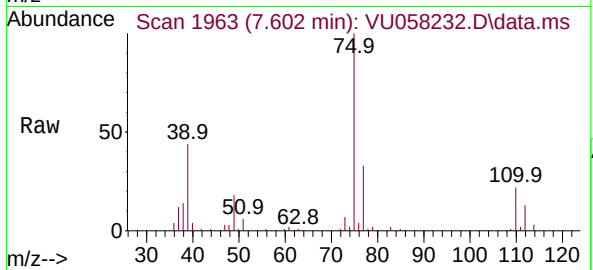




#39
 cis-1,3-Dichloropropene
 Concen: 4.976 ug/L
 RT: 7.602 min Scan# 1963
 Delta R.T. 0.000 min
 Lab File: VU058232.D
 Acq: 27 Mar 2024 16:35

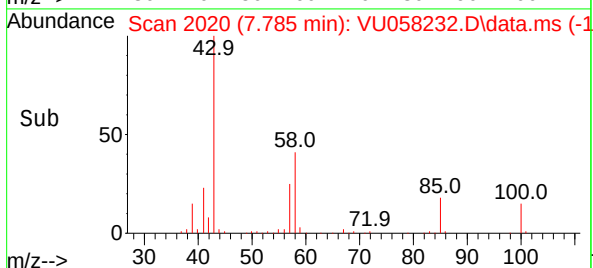
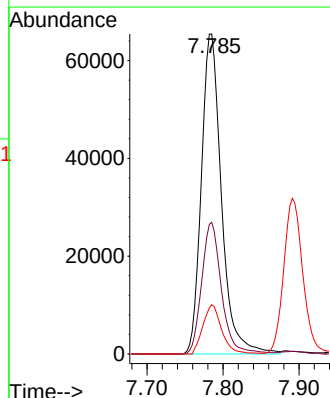
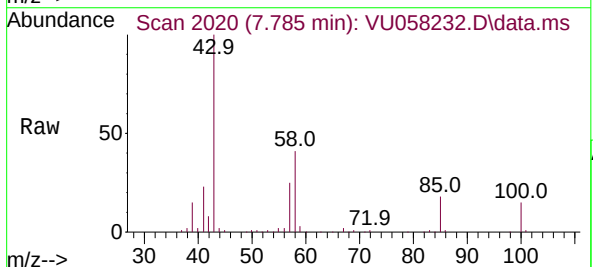
Instrument :
 MSVOA_U
 ClientSampleId :

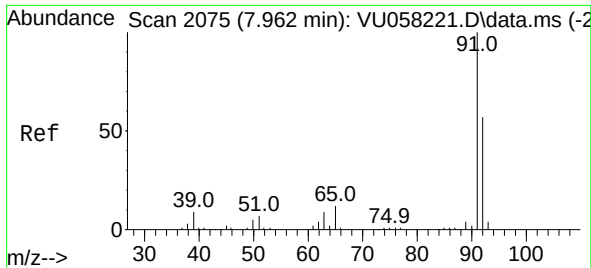
Tgt Ion: 75 Resp: 30769
 Ion Ratio Lower Upper
 75 100
 77 32.8 21.4 39.8



#40
 4-Methyl-2-pentanone
 Concen: 48.826 ug/L
 RT: 7.785 min Scan# 2020
 Delta R.T. 0.000 min
 Lab File: VU058232.D
 Acq: 27 Mar 2024 16:35

Tgt Ion: 43 Resp: 120362
 Ion Ratio Lower Upper
 43 100
 58 40.5 33.2 49.8
 100 14.4 11.5 17.3





#42

Toluene

Concen: 4.816 ug/L

RT: 7.965 min Scan# 2075

Delta R.T. 0.003 min

Lab File: VU058232.D

Acq: 27 Mar 2024 16:35

Instrument :

MSVOA_U

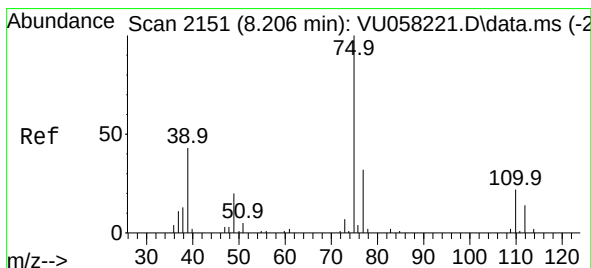
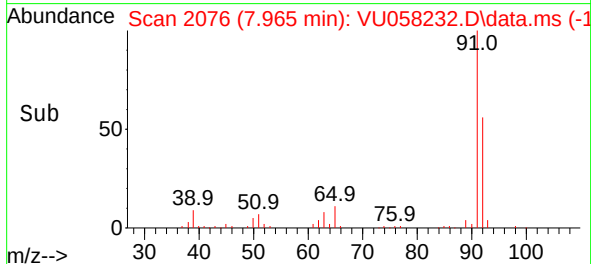
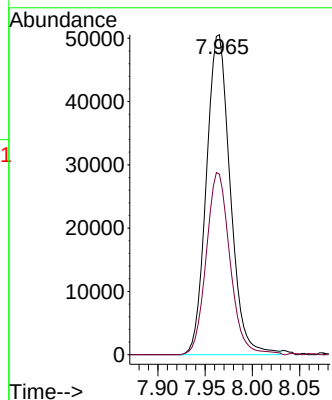
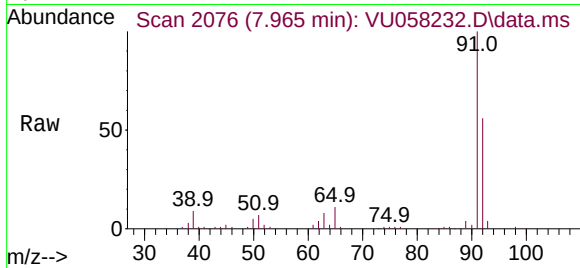
ClientSampleId :

Tgt Ion: 91 Resp: 88806

Ion Ratio Lower Upper

91 100

92 56.5 40.7 75.5



#44

trans-1,3-Dichloropropene

Concen: 5.091 ug/L

RT: 8.206 min Scan# 2151

Delta R.T. 0.000 min

Lab File: VU058232.D

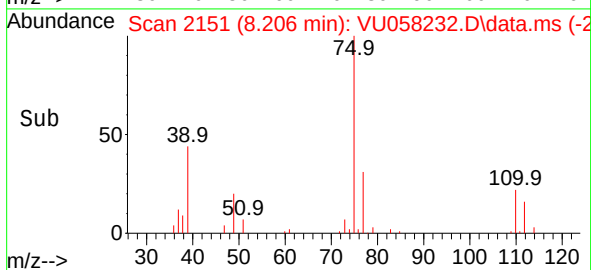
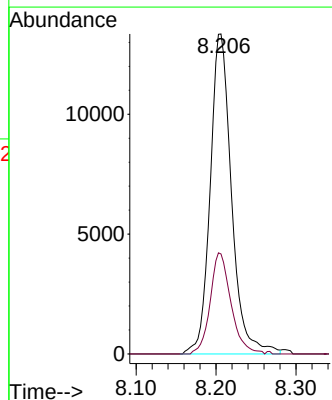
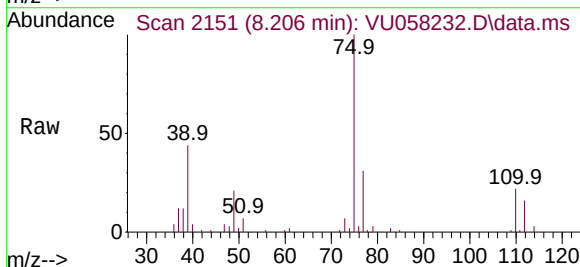
Acq: 27 Mar 2024 16:35

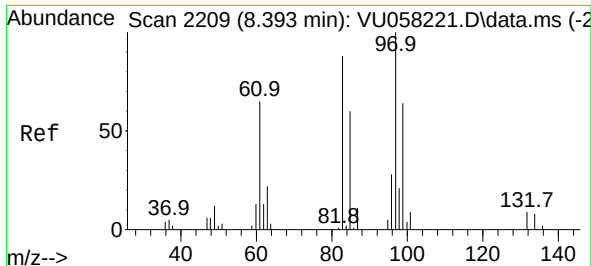
Tgt Ion: 75 Resp: 24769

Ion Ratio Lower Upper

75 100

77 31.3 21.7 40.3





#45

1,1,2-Trichloroethane

Concen: 4.924 ug/L

RT: 8.396 min Scan# 2209

Delta R.T. 0.003 min

Lab File: VU058232.D

Acq: 27 Mar 2024 16:35

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion: 97 Resp: 15121

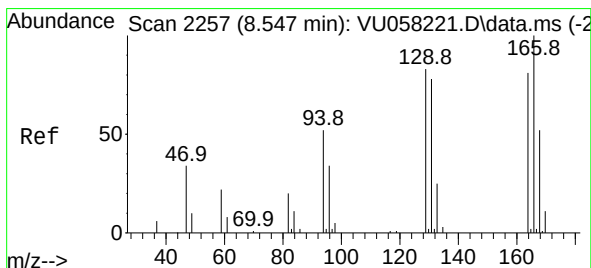
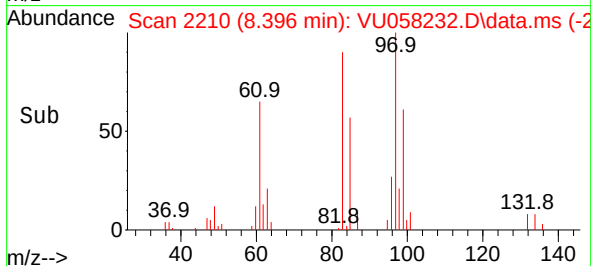
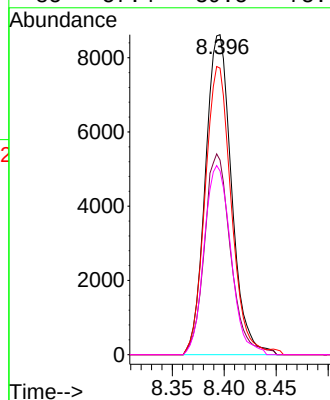
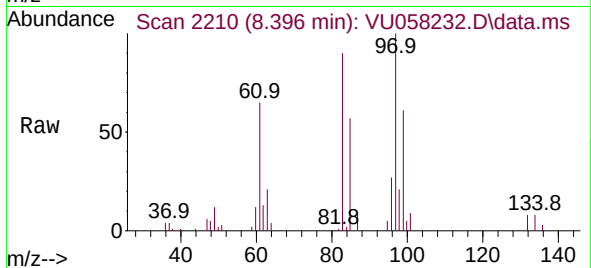
Ion Ratio Lower Upper

97 100

99 60.8 44.5 82.7

83 89.5 64.1 119.1

85 57.4 39.5 73.4



#47

Tetrachloroethene

Concen: 4.944 ug/L

RT: 8.547 min Scan# 2257

Delta R.T. 0.000 min

Lab File: VU058232.D

Acq: 27 Mar 2024 16:35

Tgt Ion:164 Resp: 15056

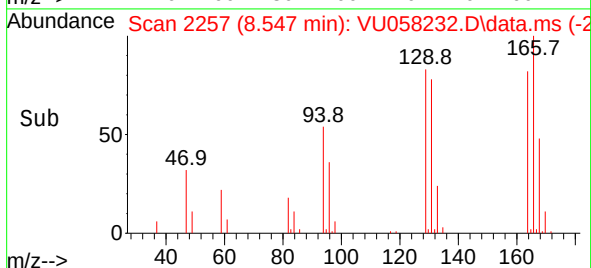
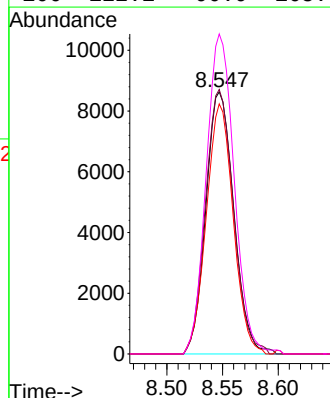
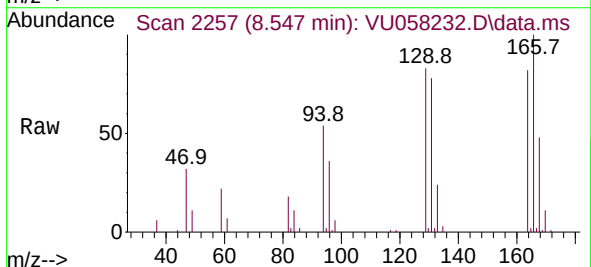
Ion Ratio Lower Upper

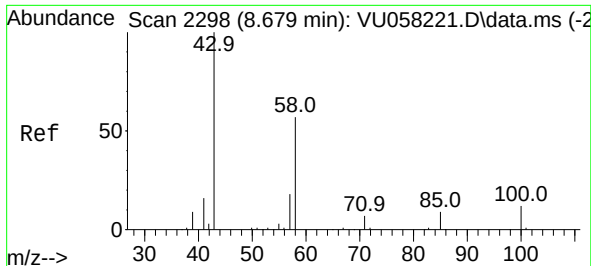
164 100

129 101.0 71.3 132.3

131 95.5 70.8 131.4

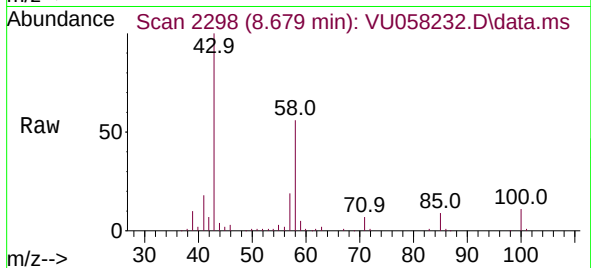
166 122.1 90.9 168.9



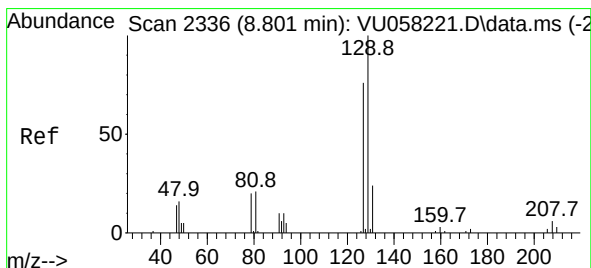
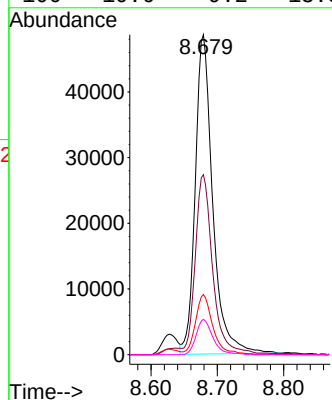
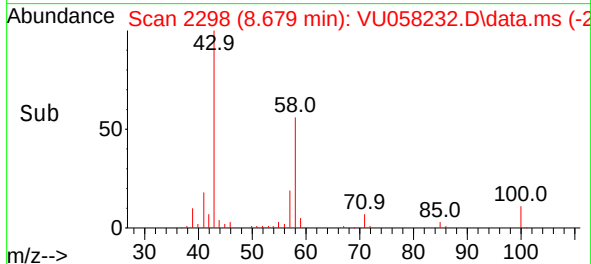


#48
2-Hexanone
Concen: 49.641 ug/L
RT: 8.679 min Scan# 2298
Delta R.T. 0.000 min
Lab File: VU058232.D
Acq: 27 Mar 2024 16:35

Instrument :
MSVOA_U
ClientSampleId :

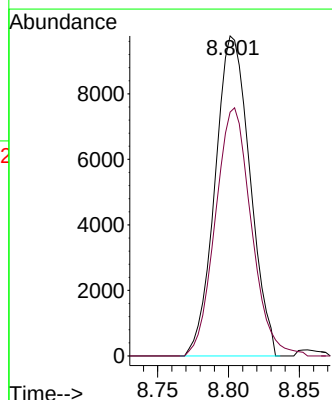
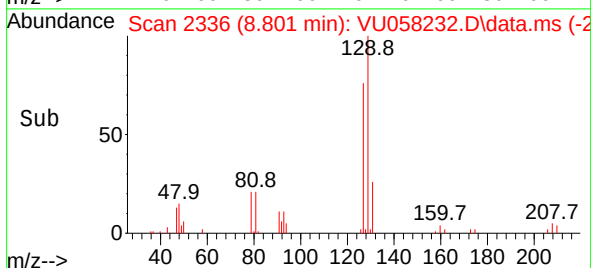
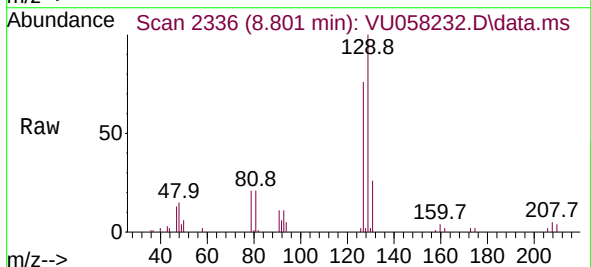


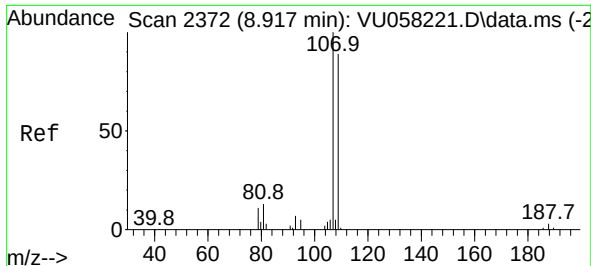
Tgt Ion	Ratio	Lower	Upper
43	100		
58	55.1	48.3	72.5
57	18.8	16.3	24.5
100	10.6	9.2	13.8



#49
Dibromochloromethane
Concen: 4.987 ug/L
RT: 8.801 min Scan# 2336
Delta R.T. 0.000 min
Lab File: VU058232.D
Acq: 27 Mar 2024 16:35

Tgt Ion	Ratio	Lower	Upper
129	100		
127	76.2	55.7	103.5

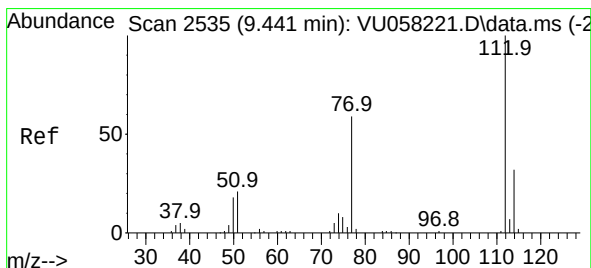
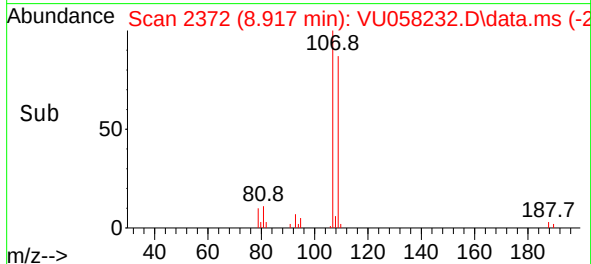
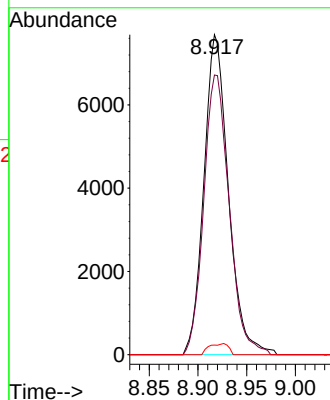
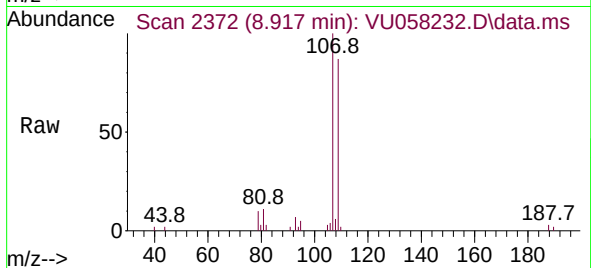




#50
1,2-Dibromoethane
Concen: 5.094 ug/L
RT: 8.917 min Scan# 2372
Delta R.T. 0.000 min
Lab File: VU058232.D
Acq: 27 Mar 2024 16:35

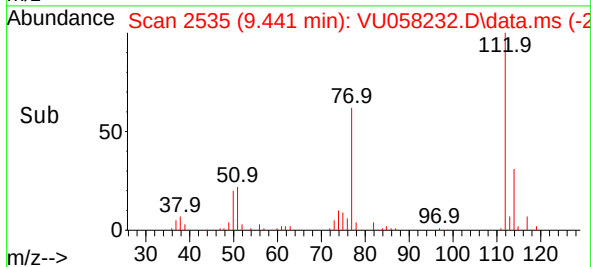
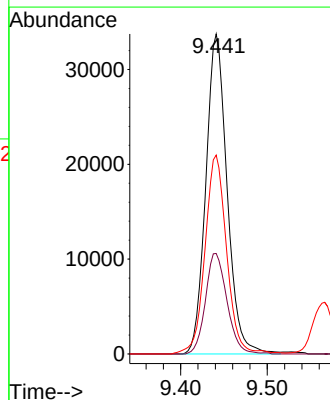
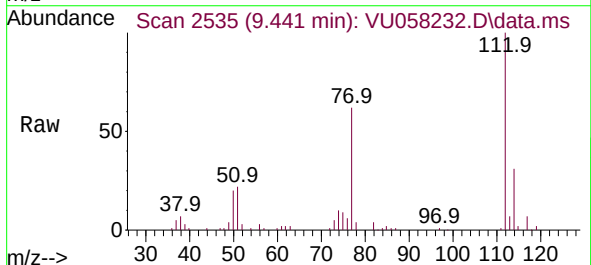
Instrument :
MSVOA_U
ClientSampleId :

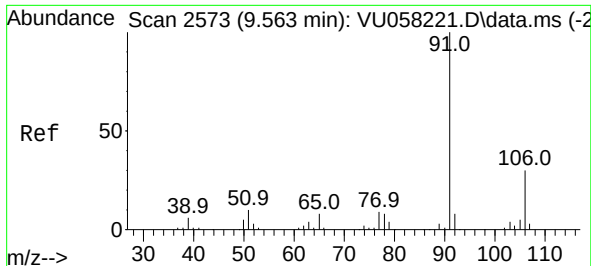
Tgt Ion:107 Resp: 13465
Ion Ratio Lower Upper
107 100
109 87.4 67.8 125.8
188 3.0 2.5 3.7



#51
Chlorobenzene
Concen: 4.855 ug/L
RT: 9.441 min Scan# 2535
Delta R.T. 0.000 min
Lab File: VU058232.D
Acq: 27 Mar 2024 16:35

Tgt Ion:112 Resp: 57681
Ion Ratio Lower Upper
112 100
114 31.4 22.7 42.3
77 62.2 48.9 73.3

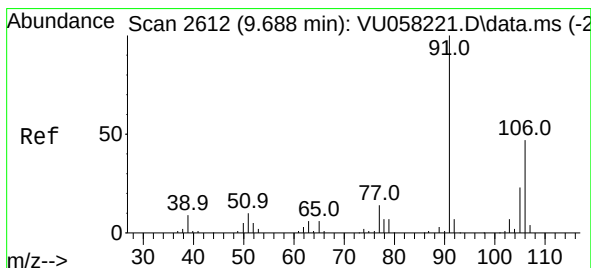
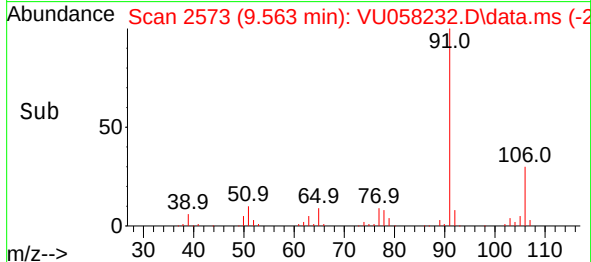
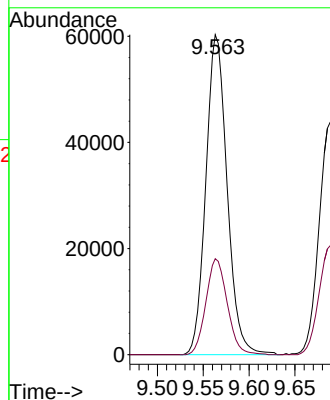
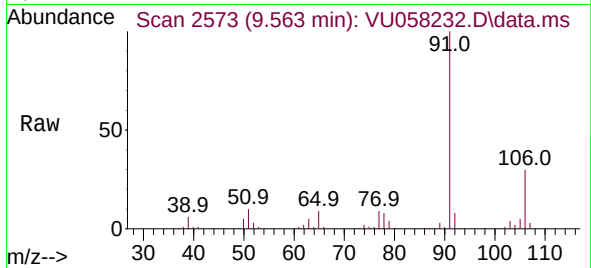




#52
Ethylbenzene
Concen: 4.722 ug/L
RT: 9.563 min Scan# 2573
Delta R.T. 0.000 min
Lab File: VU058232.D
Acq: 27 Mar 2024 16:35

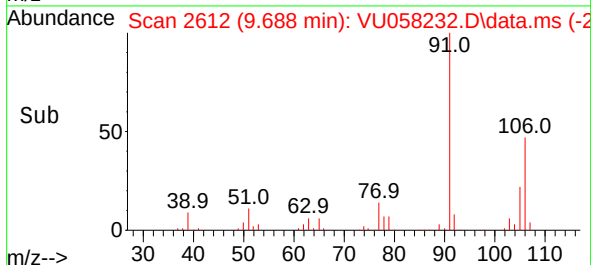
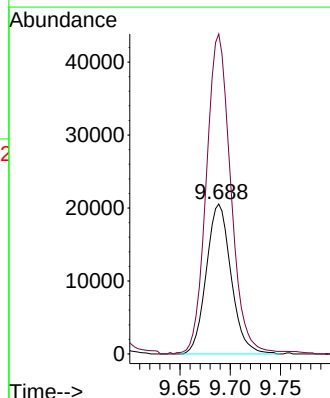
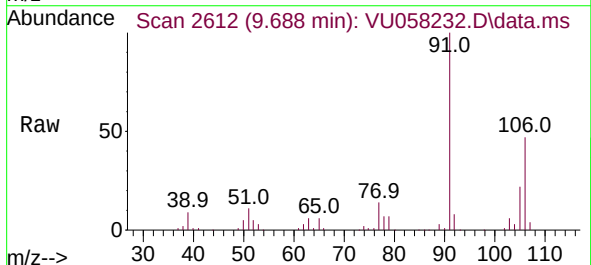
Instrument :
MSVOA_U
ClientSampleId :

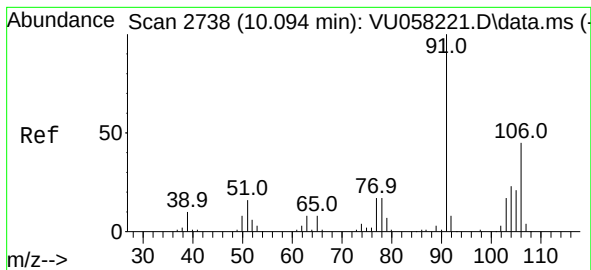
Tgt Ion: 91 Resp: 97236
Ion Ratio Lower Upper
91 100
106 30.0 20.6 38.2



#53
m,p-Xylene
Concen: 4.804 ug/L
RT: 9.688 min Scan# 2612
Delta R.T. 0.000 min
Lab File: VU058232.D
Acq: 27 Mar 2024 16:35

Tgt Ion:106 Resp: 35243
Ion Ratio Lower Upper
106 100
91 213.4 151.0 280.4





#54

o-Xylene

Concen: 4.889 ug/L

RT: 10.094 min Scan# 2738

Delta R.T. 0.000 min

Lab File: VU058232.D

Acq: 27 Mar 2024 16:35

Instrument :

MSVOA_U

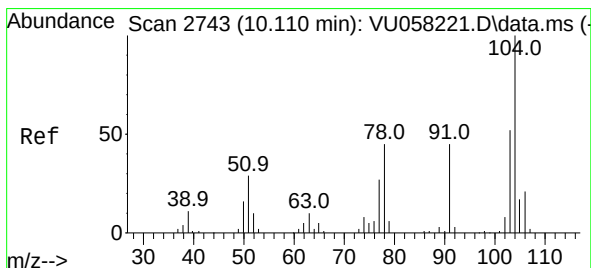
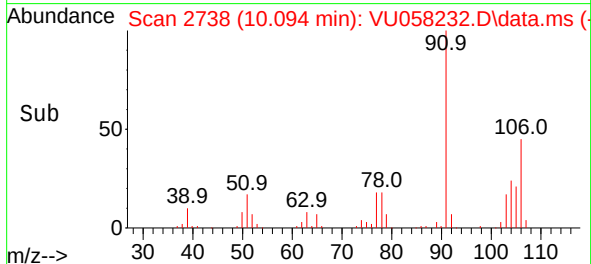
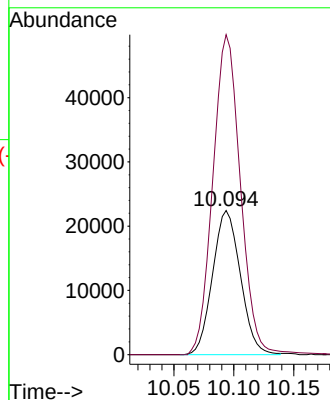
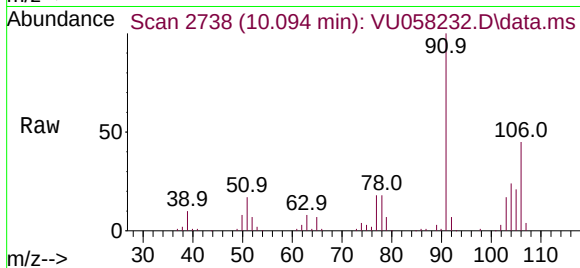
ClientSampleId :

Tgt Ion:106 Resp: 36203

Ion Ratio Lower Upper

106 100

91 222.0 154.3 286.7



#55

Styrene

Concen: 5.046 ug/L

RT: 10.110 min Scan# 2743

Delta R.T. 0.000 min

Lab File: VU058232.D

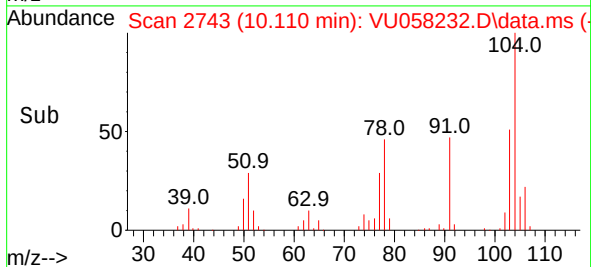
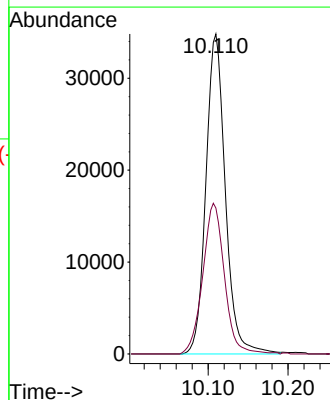
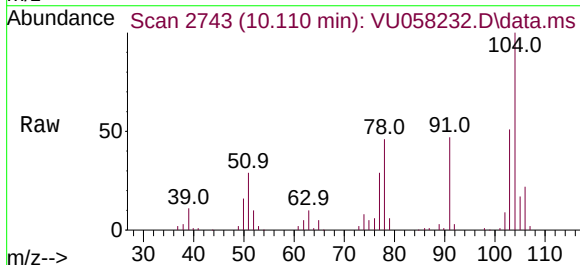
Acq: 27 Mar 2024 16:35

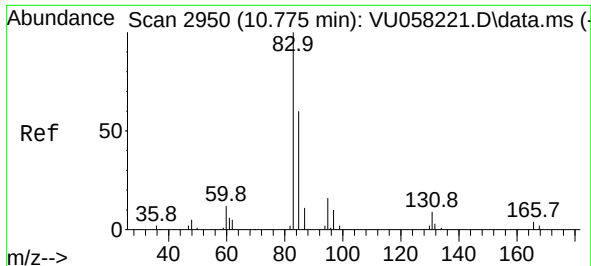
Tgt Ion:104 Resp: 59004

Ion Ratio Lower Upper

104 100

78 45.6 34.5 64.1





#57

1,1,2,2-Tetrachloroethane

Concen: 5.059 ug/L

RT: 10.775 min Scan# 2950

Delta R.T. 0.000 min

Lab File: VU058232.D

Acq: 27 Mar 2024 16:35

Instrument :

MSVOA_U

ClientSampleId :

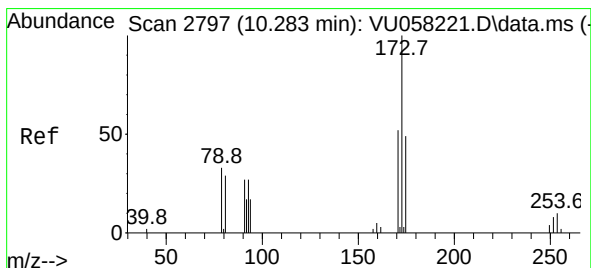
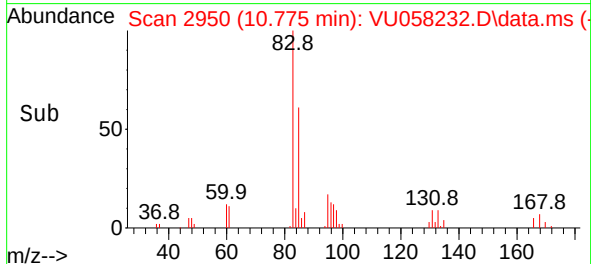
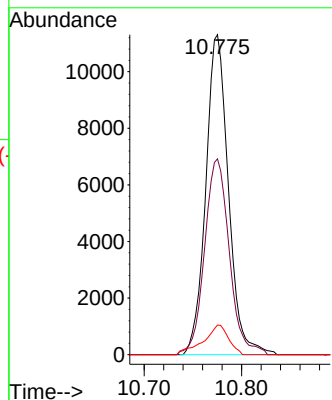
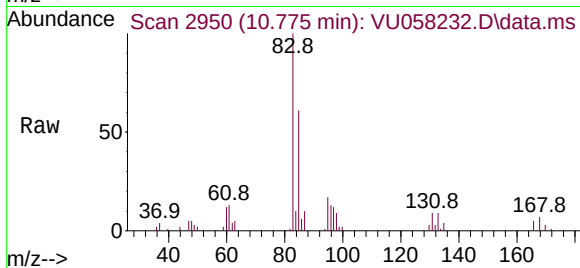
Tgt Ion: 83 Resp: 18312

Ion Ratio Lower Upper

83 100

85 61.2 44.7 82.9

131 9.2 7.0 10.6



#59

Bromoform

Concen: 5.188 ug/L

RT: 10.287 min Scan# 2798

Delta R.T. 0.003 min

Lab File: VU058232.D

Acq: 27 Mar 2024 16:35

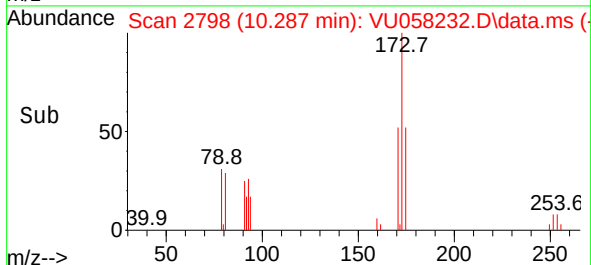
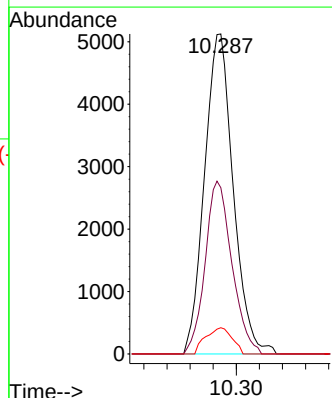
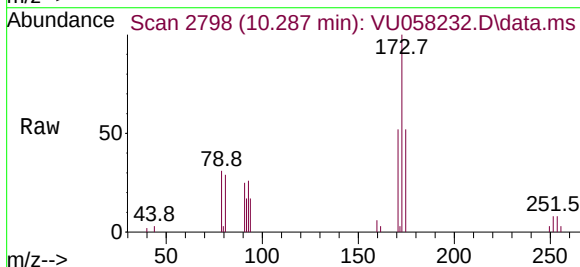
Tgt Ion:173 Resp: 8841

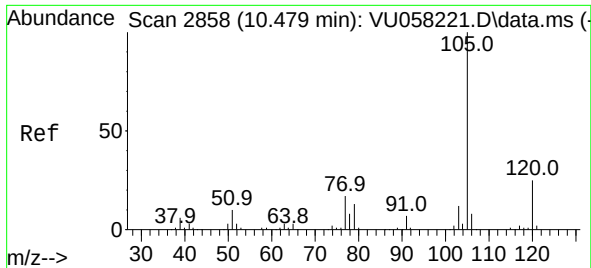
Ion Ratio Lower Upper

173 100

175 50.3 40.9 61.3

254 7.5 5.8 8.8

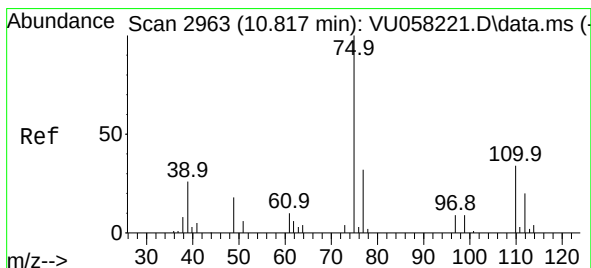
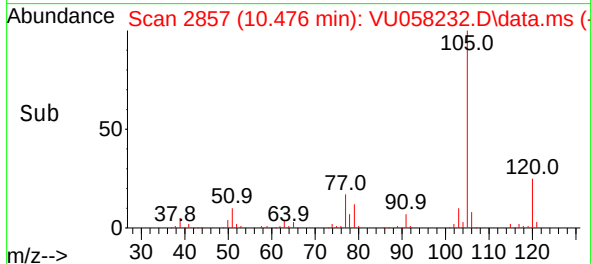
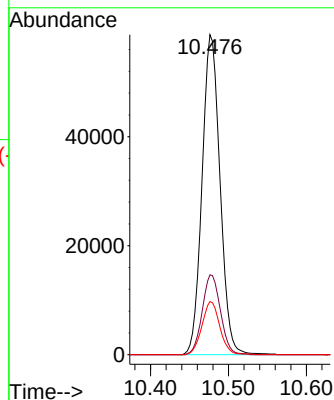
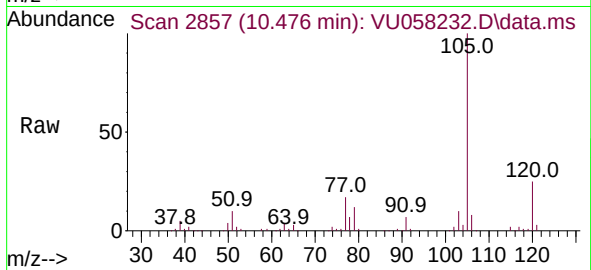




#60
Isopropylbenzene
Concen: 4.827 ug/L
RT: 10.476 min Scan# 21
Delta R.T. -0.003 min
Lab File: VU058232.D
Acq: 27 Mar 2024 16:35

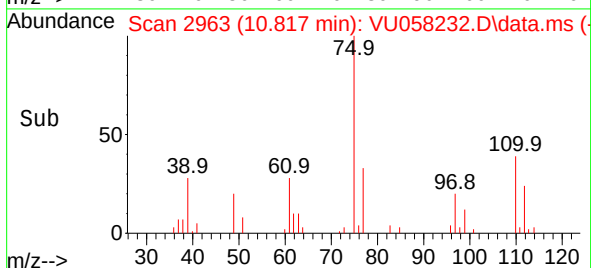
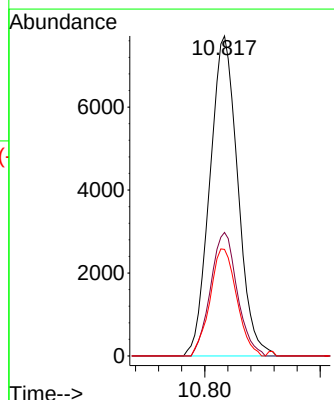
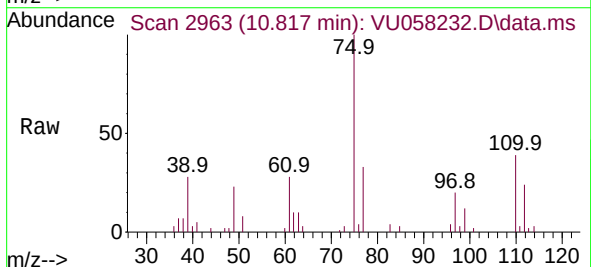
Instrument :
MSVOA_U
ClientSampleId :

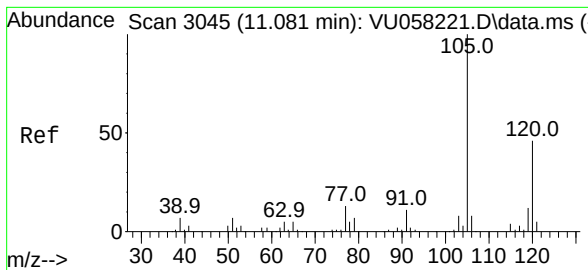
Tgt Ion:105 Resp: 94103
Ion Ratio Lower Upper
105 100
120 25.3 20.5 30.7
77 16.5 13.2 19.8



#61
1,2,3-Trichloropropane
Concen: 4.762 ug/L
RT: 10.817 min Scan# 2963
Delta R.T. 0.000 min
Lab File: VU058232.D
Acq: 27 Mar 2024 16:35

Tgt Ion: 75 Resp: 12939
Ion Ratio Lower Upper
75 100
110 36.9 28.1 42.1
77 32.0 25.1 37.7

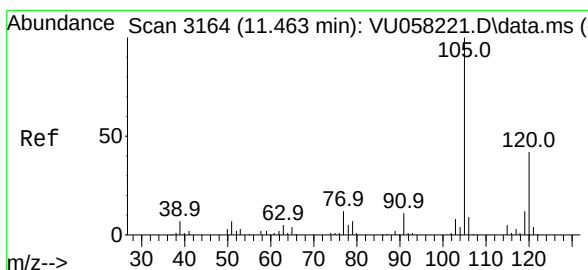
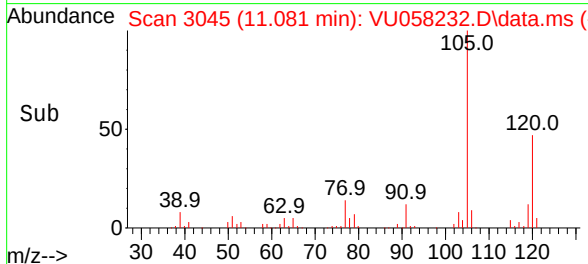
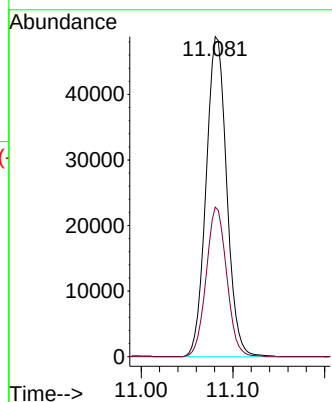
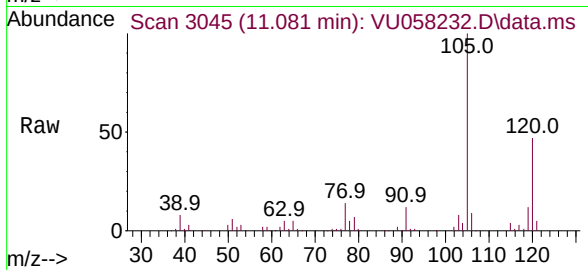




#62
 1,3,5-Trimethylbenzene
 Concen: 4.657 ug/L
 RT: 11.081 min Scan# 3045
 Delta R.T. 0.000 min
 Lab File: VU058232.D
 Acq: 27 Mar 2024 16:35

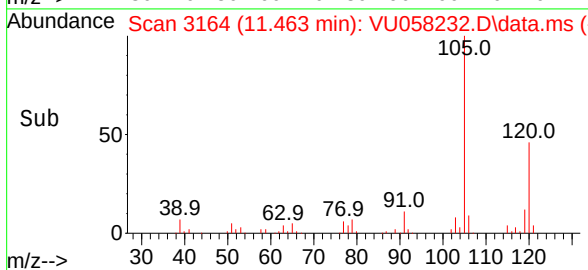
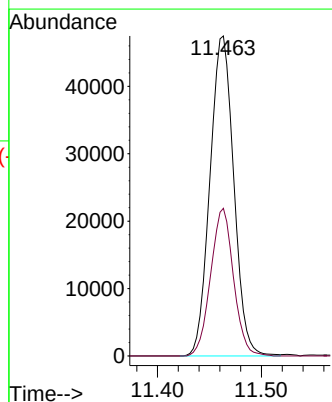
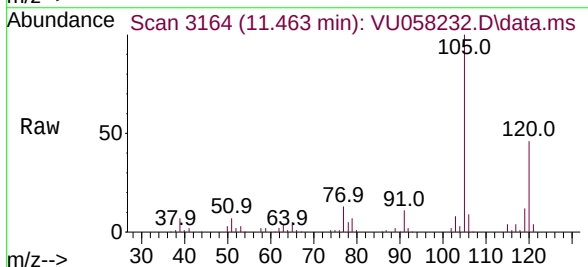
Instrument :
 MSVOA_U
 ClientSampleId :

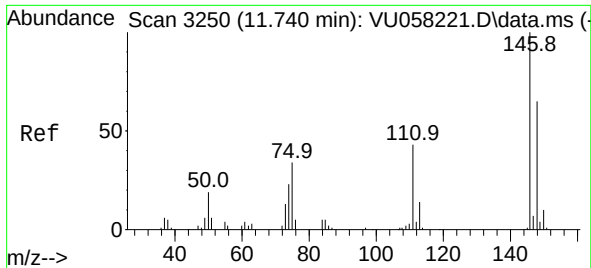
Tgt Ion:105 Resp: 76181
 Ion Ratio Lower Upper
 105 100
 120 46.5 36.7 55.1



#63
 1,2,4-Trimethylbenzene
 Concen: 4.655 ug/L
 RT: 11.463 min Scan# 3164
 Delta R.T. 0.000 min
 Lab File: VU058232.D
 Acq: 27 Mar 2024 16:35

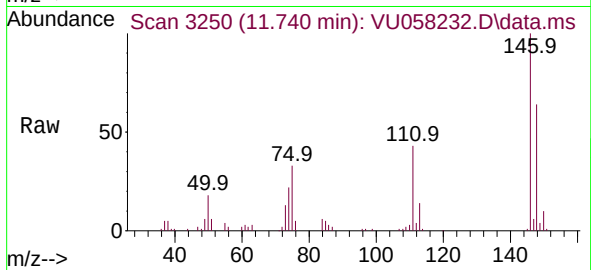
Tgt Ion:105 Resp: 75628
 Ion Ratio Lower Upper
 105 100
 120 44.2 35.9 53.9



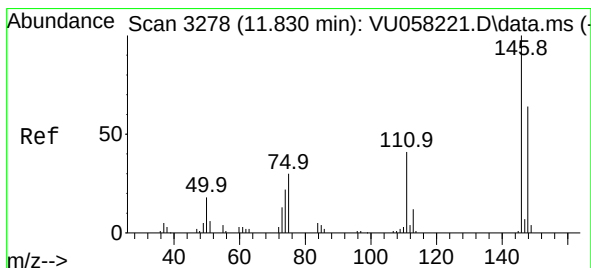
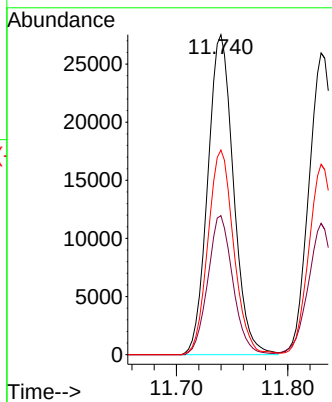
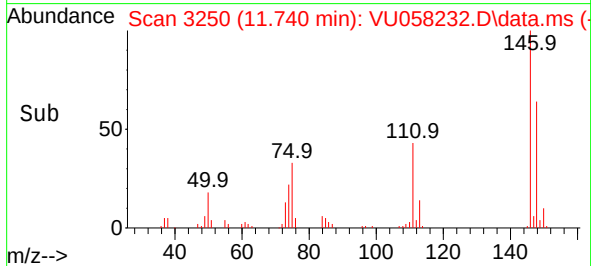


#64
1,3-Dichlorobenzene
Concen: 4.873 ug/L
RT: 11.740 min Scan# 3250
Delta R.T. 0.000 min
Lab File: VU058232.D
Acq: 27 Mar 2024 16:35

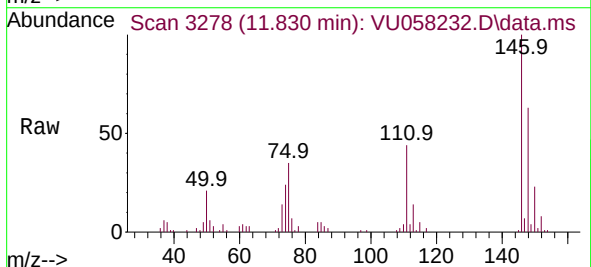
Instrument :
MSVOA_U
ClientSampleId :



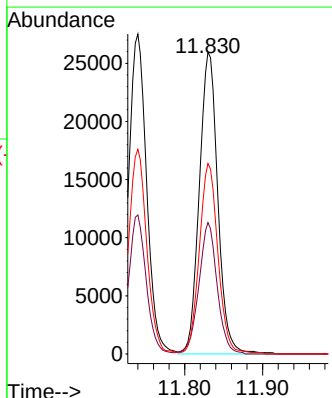
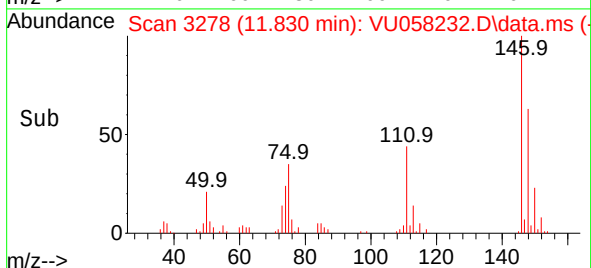
Tgt Ion:146 Resp: 44239
Ion Ratio Lower Upper
146 100
111 43.5 29.9 55.5
148 64.0 44.4 82.4

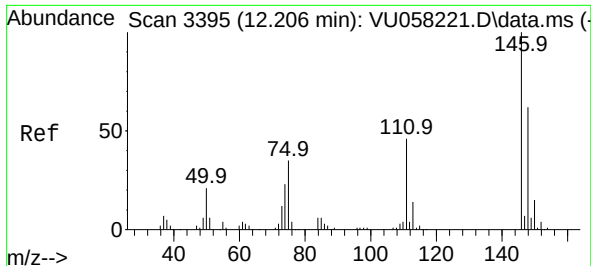


#65
1,4-Dichlorobenzene
Concen: 4.884 ug/L
RT: 11.830 min Scan# 3278
Delta R.T. 0.000 min
Lab File: VU058232.D
Acq: 27 Mar 2024 16:35



Tgt Ion:146 Resp: 42854
Ion Ratio Lower Upper
146 100
111 43.5 29.0 53.8
148 63.1 44.5 82.7





#67

1,2-Dichlorobenzene

Concen: 4.919 ug/L

RT: 12.206 min Scan# 341

Delta R.T. 0.000 min

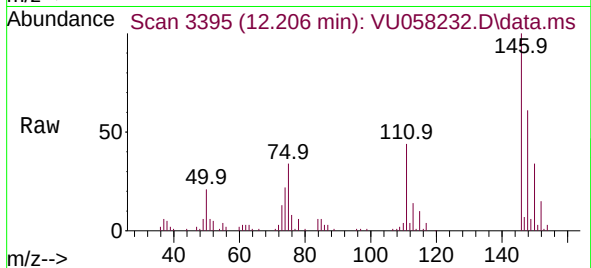
Lab File: VU058232.D

Acq: 27 Mar 2024 16:35

Instrument :

MSVOA_U

ClientSampleId :



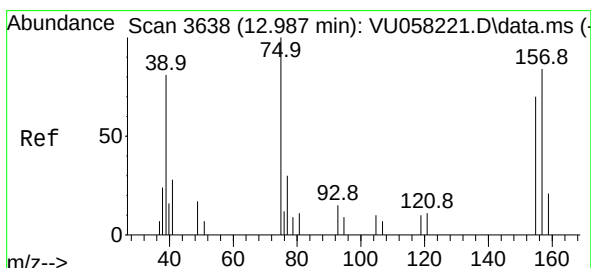
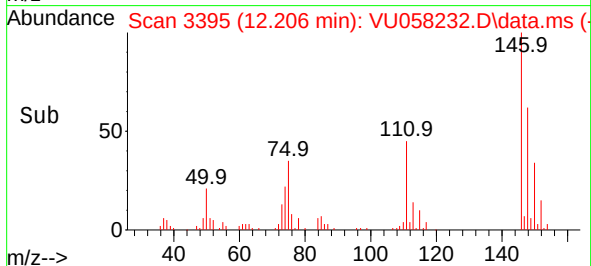
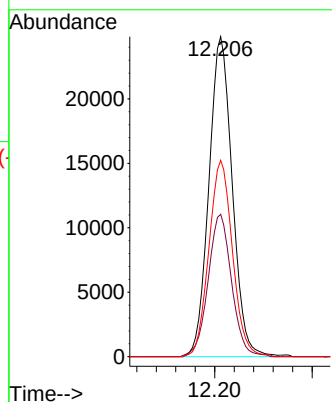
Tgt Ion:146 Resp: 41299

Ion Ratio Lower Upper

146 100

111 44.5 35.9 53.9

148 61.3 52.4 78.6



#68

1,2-Dibromo-3-chloropropane

Concen: 5.711 ug/L

RT: 12.991 min Scan# 3639

Delta R.T. 0.003 min

Lab File: VU058232.D

Acq: 27 Mar 2024 16:35

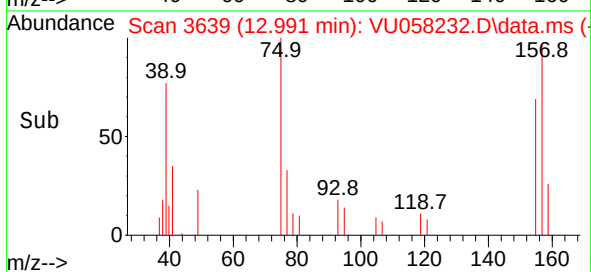
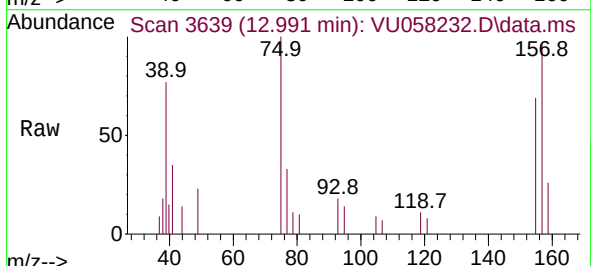
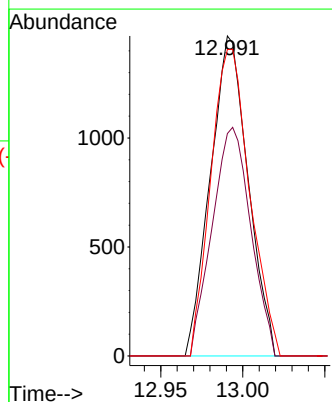
Tgt Ion: 75 Resp: 2340

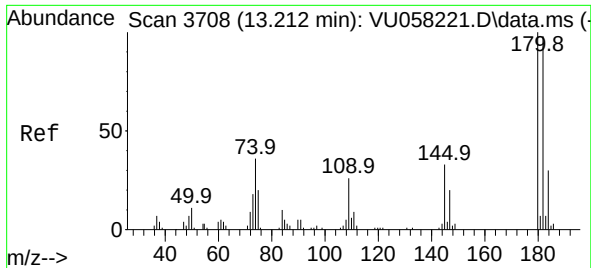
Ion Ratio Lower Upper

75 100

155 69.5 60.2 90.2

157 95.8 82.6 123.8





#69

1,3,5-Trichlorobenzene

Concen: 5.016 ug/L

RT: 13.212 min Scan# 31

Delta R.T. 0.000 min

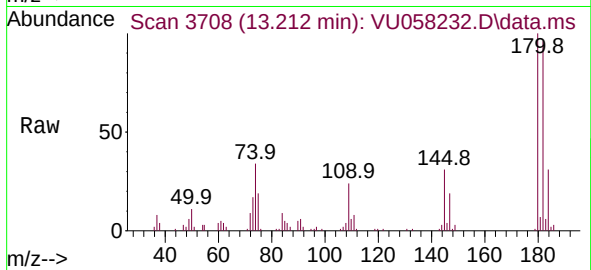
Lab File: VU058232.D

Acq: 27 Mar 2024 16:35

Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion:180 Resp: 31843

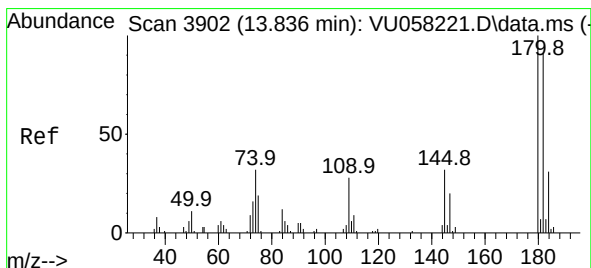
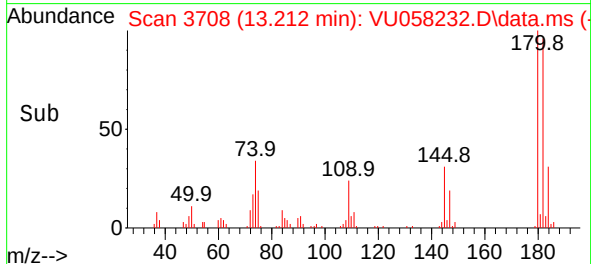
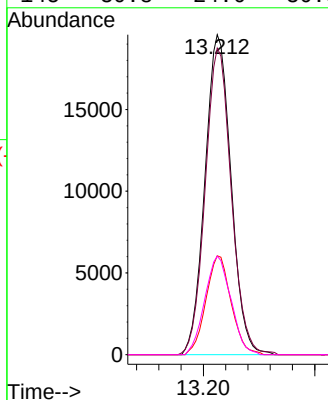
Ion Ratio Lower Upper

180 100

182 95.7 75.4 113.0

184 29.9 24.8 37.2

145 30.8 24.6 36.8



#70

1,2,4-trichlorobenzene

Concen: 4.775 ug/L

RT: 13.836 min Scan# 3902

Delta R.T. 0.000 min

Lab File: VU058232.D

Acq: 27 Mar 2024 16:35

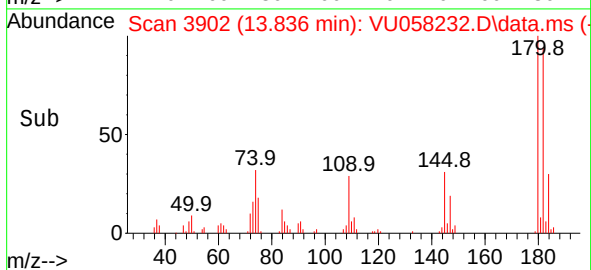
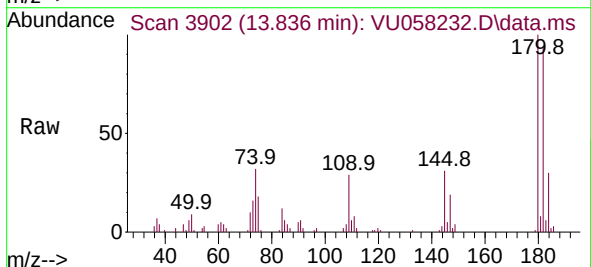
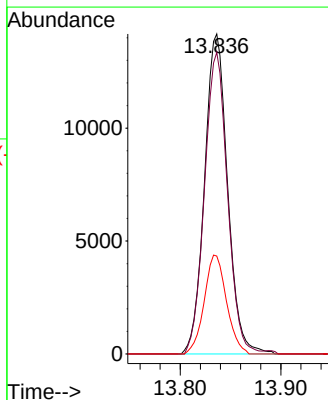
Tgt Ion:180 Resp: 22610

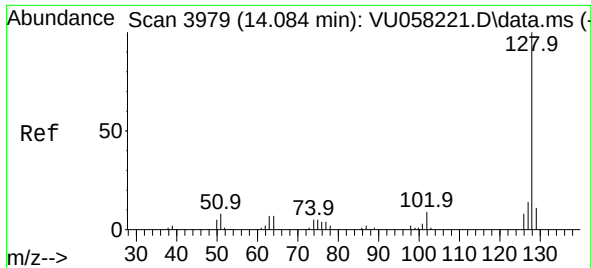
Ion Ratio Lower Upper

180 100

182 93.6 74.5 111.7

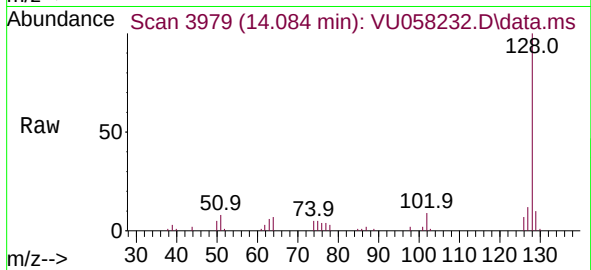
145 29.8 24.5 36.7



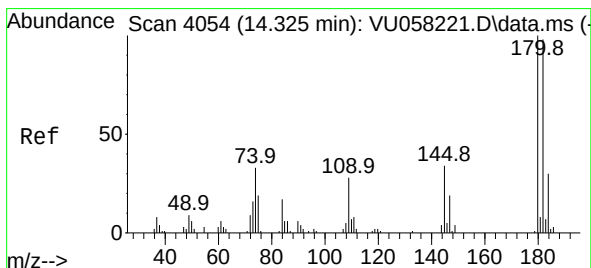
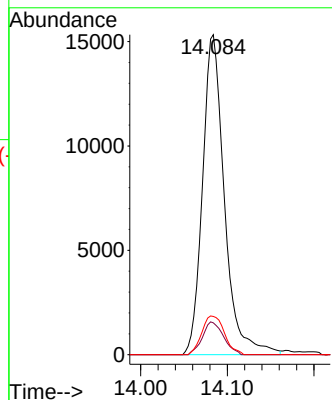
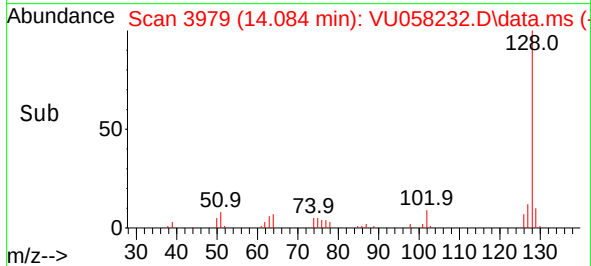


#71
Naphthalene
Concen: 4.177 ug/L
RT: 14.084 min Scan# 3979
Delta R.T. 0.000 min
Lab File: VU058232.D
Acq: 27 Mar 2024 16:35

Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion:128 Resp: 26936
Ion Ratio Lower Upper
128 100
129 9.9 8.1 12.1
127 12.5 10.2 15.4



#72
1,2,3-Trichlorobenzene
Concen: 4.905 ug/L
RT: 14.325 min Scan# 4054
Delta R.T. 0.000 min
Lab File: VU058232.D
Acq: 27 Mar 2024 16:35

Tgt Ion:180 Resp: 19015
Ion Ratio Lower Upper
180 100
182 93.5 74.4 111.6
145 33.0 26.3 39.5

