

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU120924\
 Data File : VU062151.D
 Acq On : 09 Dec 2024 10:52
 Operator : MD/SY
 Sample : VSTD0.556
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Dec 09 12:56:49 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR120924WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Mon Dec 09 12:03:03 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.241	114	109257	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.409	117	102980	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	48833	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	3993	0.745	ug/L	0.00
7) Chloroethane-d5	1.907	69	2930	0.618	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.560	65	1889	0.882	ug/L	0.00
20) 2-Butanone-d5	4.653	46	5036	2.992	ug/L	0.02
24) Chloroform-d	5.058	84	8371	0.640	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.701	65	3952	0.587	ug/L	0.00
32) Benzene-d6	5.721	84	15111	0.753	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.685	67	4237	0.621	ug/L	0.00
41) Toluene-d8	7.894	98	14287	0.854	ug/L	0.00
43) trans-1,3-Dichloroprop...	8.180	79	1865	0.739	ug/L	0.00
46) 2-Hexanone-d5	8.634	63	5086	4.415	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.746	84	3293	0.483	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	12.190	152	4813	0.667	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.383	85	5191	0.543	ug/L	95
3) Chloromethane	1.515	50	4241	0.430	ug/L	96
5) Vinyl chloride	1.602	62	4303	0.425	ug/L	99
6) Bromomethane	1.853	94	2922	0.485	ug/L	97
8) Chloroethane	1.927	64	2619	0.401	ug/L	84
9) Trichlorofluoromethane	2.132	101	7237	0.565	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.573	101	4008	0.509	ug/L	91
12) 1,1-Dichloroethene	2.573	96	3776	0.515	ug/L #	78
14) Carbon disulfide	2.788	76	11940	0.512	ug/L	100
16) Methylene chloride	3.039	84	3911	0.445	ug/L	85
17) Methyl tert-butyl Ether	3.357	73	8705	0.464	ug/L	98
18) trans-1,2-Dichloroethene	3.351	96	3668	0.474	ug/L	91
19) 1,1-Dichloroethane	3.865	63	6899	0.457	ug/L	94
21) 2-Butanone	4.730	43	6090	3.243	ug/L	97
22) cis-1,2-Dichloroethene	4.663	96	4245	0.487	ug/L	84
23) Bromochloromethane	4.975	128	1614	0.426	ug/L #	82
25) Chloroform	5.078	83	7217	0.458	ug/L	89
27) 1,2-Dichloroethane	5.795	62	5022	0.495	ug/L #	93
29) 1,1,1-Trichloroethane	5.306	97	6689	0.564	ug/L	94
30) Cyclohexane	5.370	56	5544	0.447	ug/L	97
31) Carbon tetrachloride	5.515	117	6115	0.607	ug/L	99
33) Benzene	5.766	78	15500	0.498	ug/L	100
34) Trichloroethene	6.537	95	4261	0.513	ug/L	83
35) Methylcyclohexane	6.753	83	6253	0.492	ug/L	96
37) 1,2-Dichloropropane	6.782	63	3731	0.462	ug/L #	90
38) Bromodichloromethane	7.100	83	5091	0.520	ug/L	99
39) cis-1,3-Dichloropropene	7.605	75	5637	0.498	ug/L	99
40) 4-Methyl-2-pentanone	7.788	43	16706	3.832	ug/L #	94
42) Toluene	7.965	91	16082	0.493	ug/L	97
44) trans-1,3-Dichloropropene	8.212	75	4458	0.495	ug/L	99
45) 1,1,2-Trichloroethane	8.393	97	2663	0.447	ug/L	92
47) Tetrachloroethene	8.547	164	3326	0.551	ug/L	94

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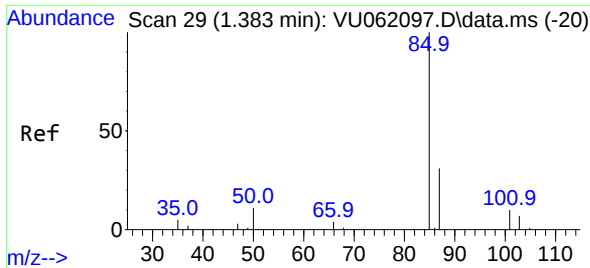
Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Dec 09 12:56:49 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR120924WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Mon Dec 09 12:03:03 2024
 Response via : Initial Calibration

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

48) 2-Hexanone	8.685	43	12768	3.911	ug/L #	91
49) Dibromochloromethane	8.804	129	3225	0.513	ug/L	94
50) 1,2-Dibromoethane	8.920	107	2580	0.437	ug/L #	96
51) Chlorobenzene	9.441	112	10967	0.491	ug/L	96
52) Ethylbenzene	9.563	91	17788	0.455	ug/L	98
53) m,p-Xylene	9.688	106	6295	0.457	ug/L	91
54) o-Xylene	10.093	106	6364	0.457	ug/L	98
55) Styrene	10.113	104	9955	0.434	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.772	83	3265	0.428	ug/L #	94
59) Bromoform	10.286	173	1680	0.463	ug/L #	92
60) Isopropylbenzene	10.476	105	16795	0.441	ug/L	98
61) 1,2,3-Trichloropropane	10.814	75	2362	0.418	ug/L	97
62) 1,3,5-Trimethylbenzene	11.081	105	13903	0.458	ug/L	99
63) 1,2,4-Trimethylbenzene	11.463	105	13924	0.460	ug/L	100
64) 1,3-Dichlorobenzene	11.743	146	8143	0.482	ug/L	97
65) 1,4-Dichlorobenzene	11.830	146	9022	0.551	ug/L	93
67) 1,2-Dichlorobenzene	12.206	146	7824	0.532	ug/L	93
68) 1,2-Dibromo-3-chloropr...	12.997	75	396	0.411	ug/L	88
69) 1,3,5-Trichlorobenzene	13.215	180	5867	0.583	ug/L	96
70) 1,2,4-trichlorobenzene	13.839	180	4972	0.645	ug/L	96
71) Naphthalene	14.096	128	8023	0.646	ug/L #	93
72) 1,2,3-Trichlorobenzene	14.325	180	4725	0.712	ug/L	94

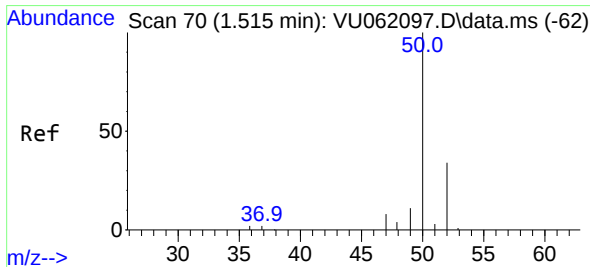
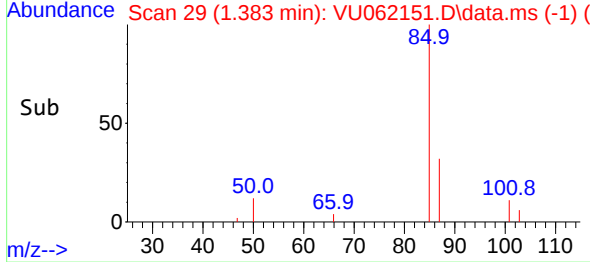
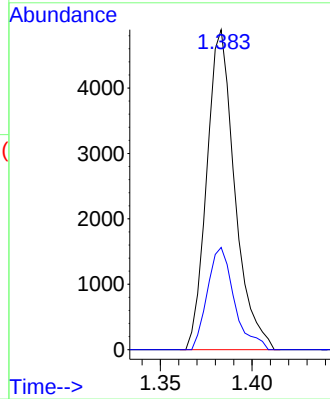
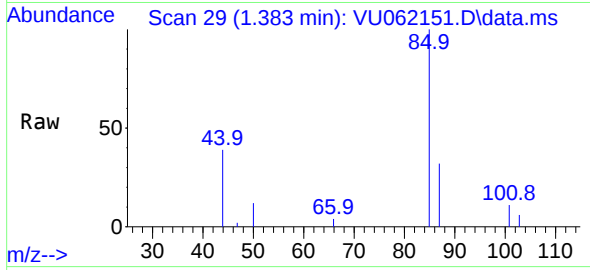
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#2
Dichlorodifluoromethane
Concen: 0.543 ug/L
RT: 1.383 min Scan# 29
Delta R.T. 0.000 min
Lab File: VU062151.D
Acq: 09 Dec 2024 10:52

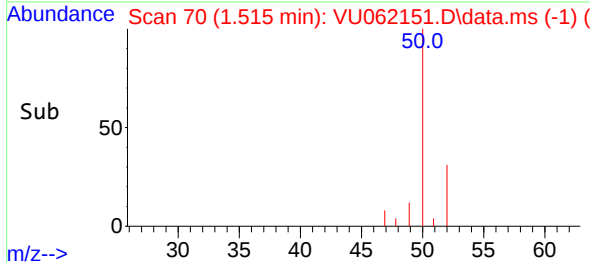
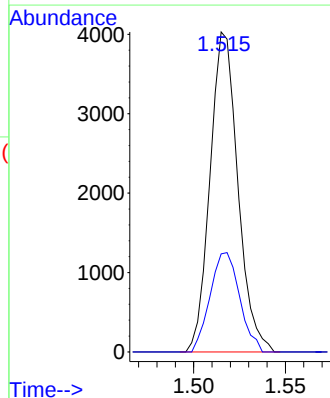
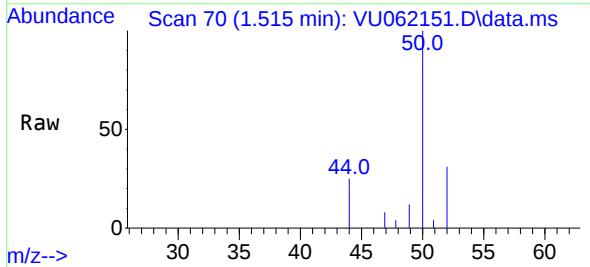
Instrument :
MSVOA_U
ClientSampleId :

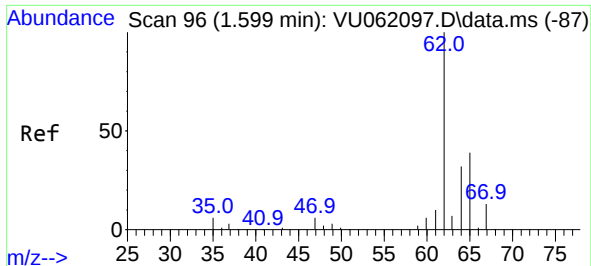
Tgt Ion: 85 Resp: 5191
Ion Ratio Lower Upper
85 100
87 30.6 26.6 40.0



#3
Chloromethane
Concen: 0.430 ug/L
RT: 1.515 min Scan# 70
Delta R.T. -0.000 min
Lab File: VU062151.D
Acq: 09 Dec 2024 10:52

Tgt Ion: 50 Resp: 4241
Ion Ratio Lower Upper
50 100
52 30.6 23.1 42.9

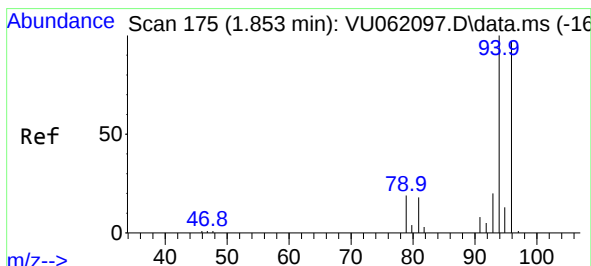
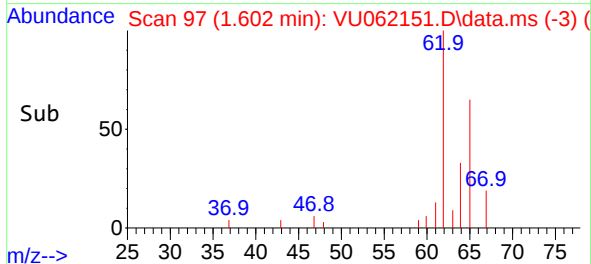
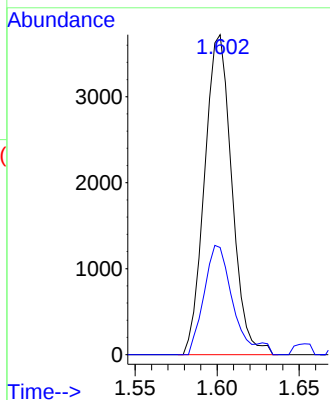
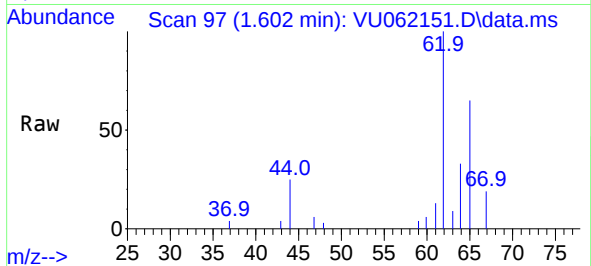




#5
 Vinyl chloride
 Concen: 0.425 ug/L
 RT: 1.602 min Scan# 91
 Delta R.T. 0.003 min
 Lab File: VU062151.D
 Acq: 09 Dec 2024 10:52

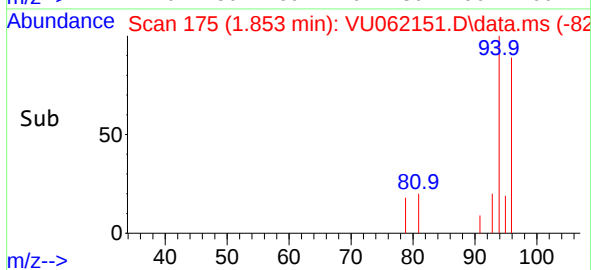
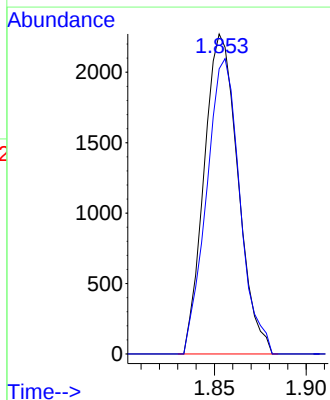
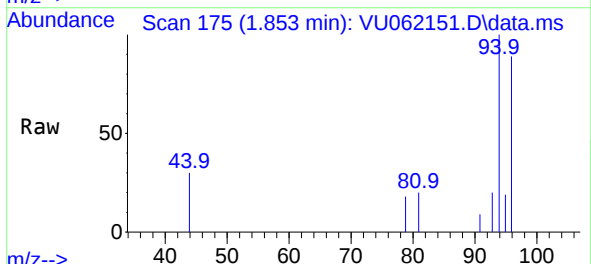
Instrument :
 MSVOA_U
 ClientSampleId :

Tgt Ion: 62 Resp: 4303
 Ion Ratio Lower Upper
 62 100
 64 33.5 23.1 42.9

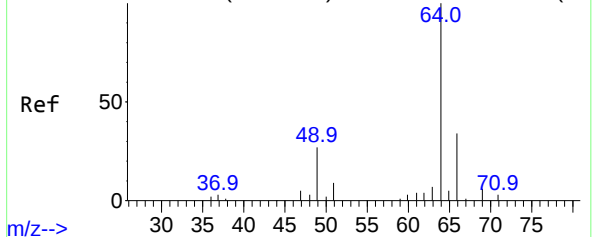


#6
 Bromomethane
 Concen: 0.485 ug/L
 RT: 1.853 min Scan# 175
 Delta R.T. -0.000 min
 Lab File: VU062151.D
 Acq: 09 Dec 2024 10:52

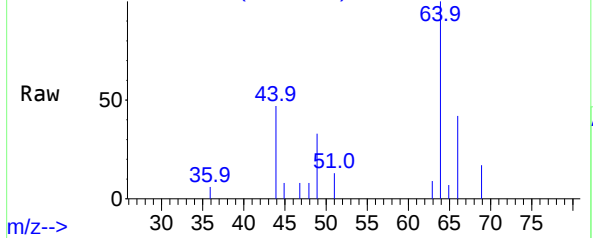
Tgt Ion: 94 Resp: 2922
 Ion Ratio Lower Upper
 94 100
 96 89.1 64.5 119.9



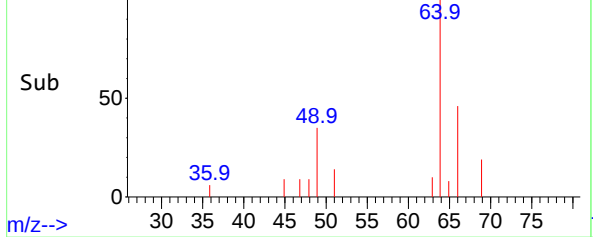
Abundance Scan 199 (1.930 min): VU062097.D\data.ms (-18



m/z--> Scan 198 (1.927 min): VU062151.D\data.ms



Abundance Scan 198 (1.927 min): VU062151.D\data.ms (-10



m/z-->

#8

Chloroethane

Concen: 0.401 ug/L

RT: 1.927 min Scan# 19

Delta R.T. -0.003 min

Lab File: VU062151.D

Acq: 09 Dec 2024 10:52

Instrument :

MSVOA_U

ClientSampleId :

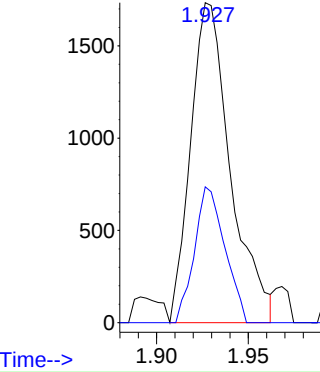
Tgt Ion: 64 Resp: 2619

Ion Ratio Lower Upper

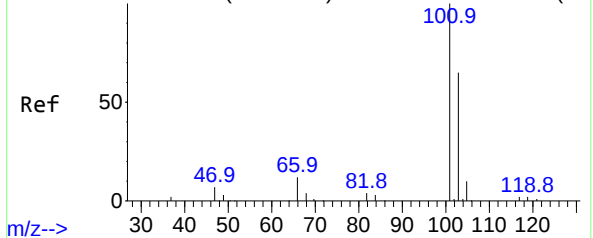
64 100

66 42.4 23.2 43.2

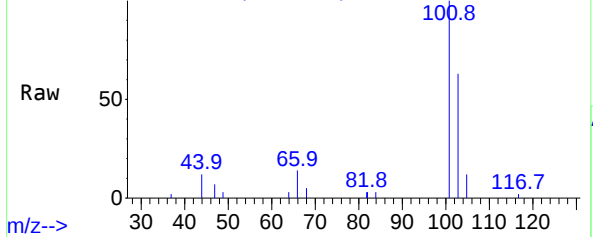
Abundance



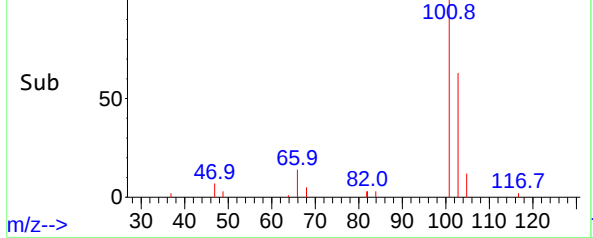
Abundance Scan 262 (2.133 min): VU062097.D\data.ms (-25



m/z--> Scan 262 (2.132 min): VU062151.D\data.ms



Abundance Scan 262 (2.132 min): VU062151.D\data.ms (-16



m/z-->

#9

Trichlorofluoromethane

Concen: 0.565 ug/L

RT: 2.132 min Scan# 262

Delta R.T. -0.000 min

Lab File: VU062151.D

Acq: 09 Dec 2024 10:52

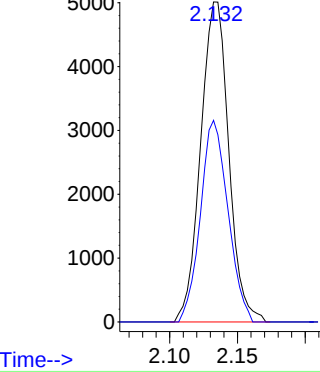
Tgt Ion:101 Resp: 7237

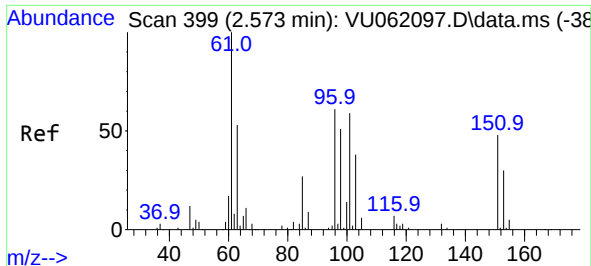
Ion Ratio Lower Upper

101 100

103 61.6 50.6 75.8

Abundance

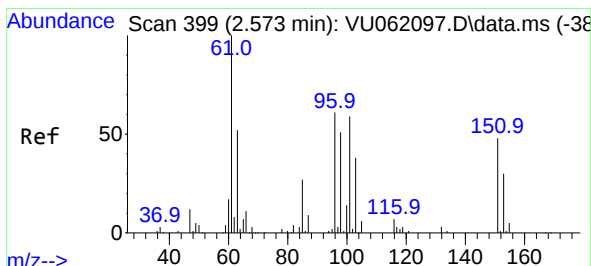
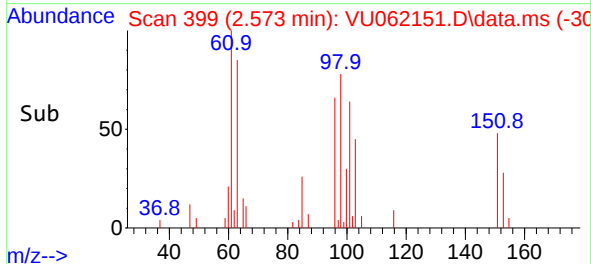
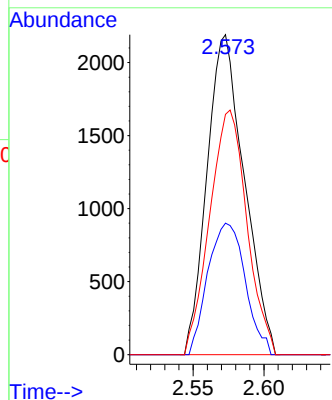
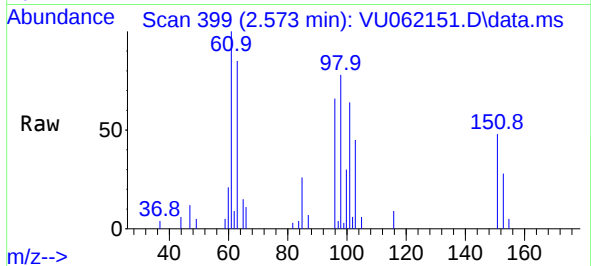




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.509 ug/L
RT: 2.573 min Scan# 399
Delta R.T. -0.000 min
Lab File: VU062151.D
Acq: 09 Dec 2024 10:52

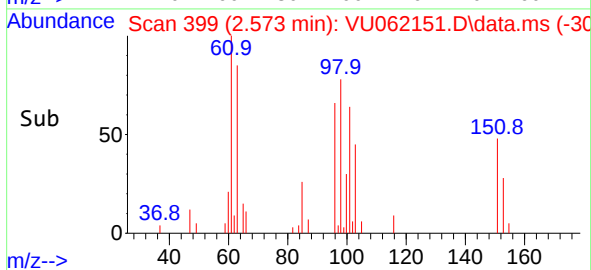
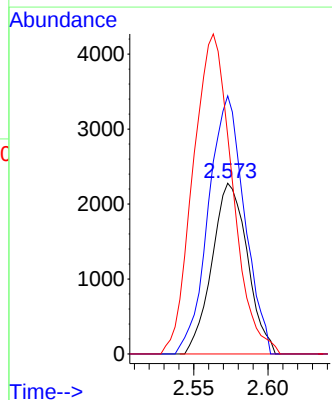
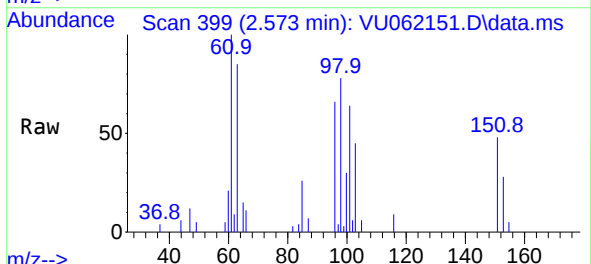
Instrument :
MSVOA_U
ClientSampleId :

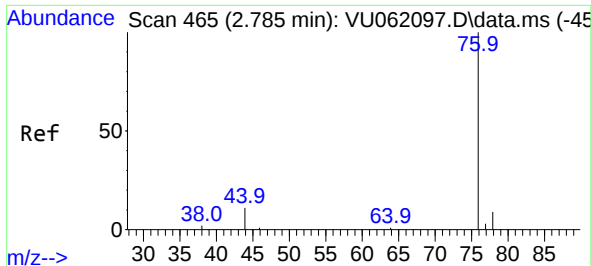
Tgt Ion:101 Resp: 4008
Ion Ratio Lower Upper
101 100
85 41.2 38.0 57.0
151 76.4 55.3 82.9



#12
1,1-Dichloroethene
Concen: 0.515 ug/L
RT: 2.573 min Scan# 399
Delta R.T. -0.000 min
Lab File: VU062151.D
Acq: 09 Dec 2024 10:52

Tgt Ion: 96 Resp: 3776
Ion Ratio Lower Upper
96 100
61 151.2 119.6 222.2
63 127.8 65.0 120.6#

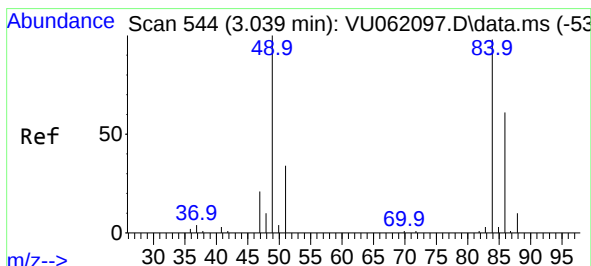
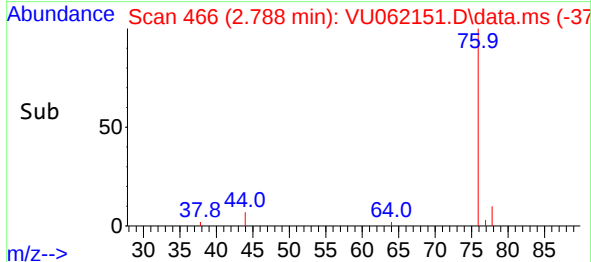
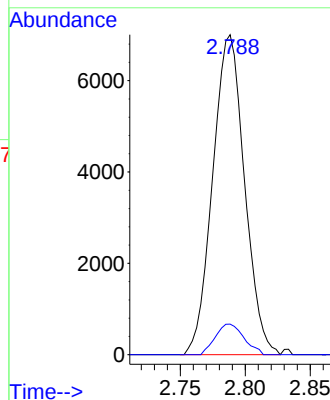
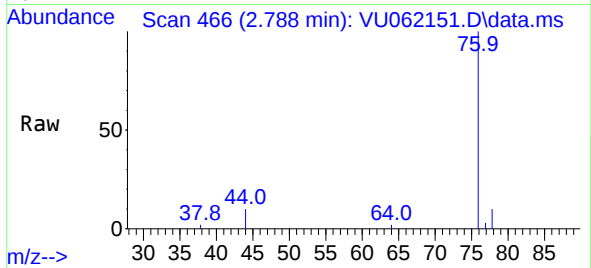




#14
Carbon disulfide
Concen: 0.512 ug/L
RT: 2.788 min Scan# 465
Delta R.T. 0.003 min
Lab File: VU062151.D
Acq: 09 Dec 2024 10:52

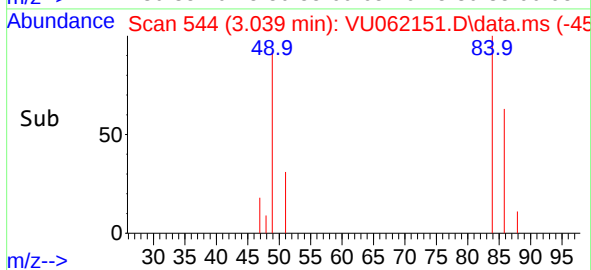
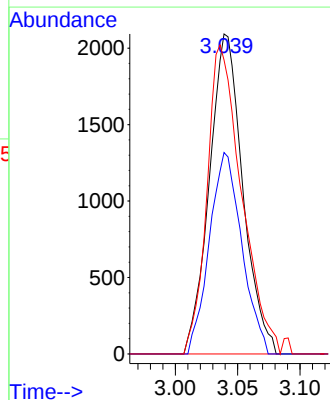
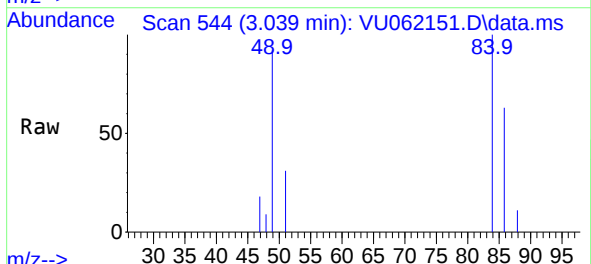
Instrument :
MSVOA_U
ClientSampleId :

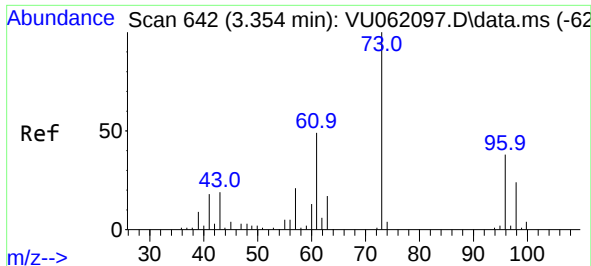
Tgt Ion: 76 Resp: 11940
Ion Ratio Lower Upper
76 100
78 9.6 7.5 11.3



#16
Methylene chloride
Concen: 0.445 ug/L
RT: 3.039 min Scan# 544
Delta R.T. -0.000 min
Lab File: VU062151.D
Acq: 09 Dec 2024 10:52

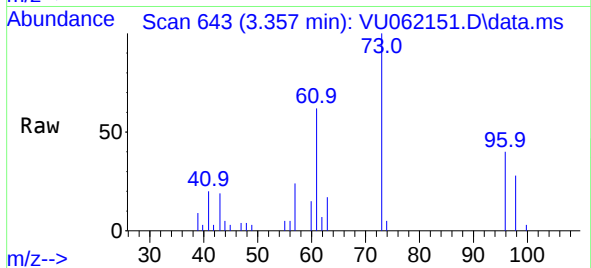
Tgt Ion: 84 Resp: 3911
Ion Ratio Lower Upper
84 100
86 62.9 43.5 80.7
49 91.8 81.9 152.1





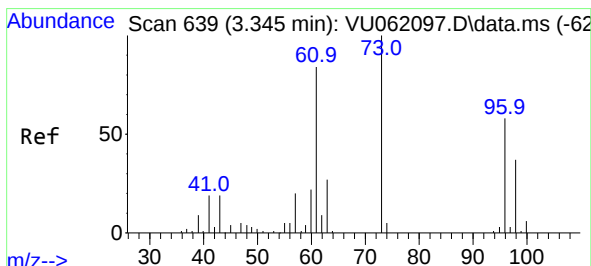
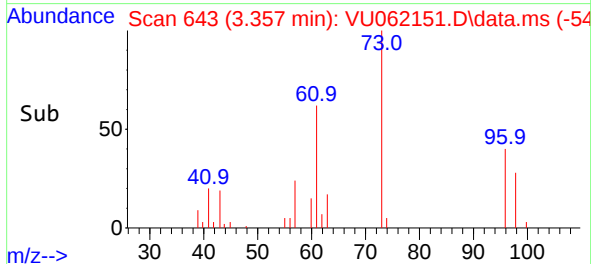
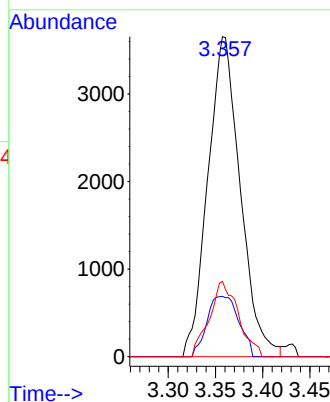
#17
Methyl tert-butyl Ether
Concen: 0.464 ug/L
RT: 3.357 min Scan# 641
Delta R.T. 0.003 min
Lab File: VU062151.D
Acq: 09 Dec 2024 10:52

Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion: 73 Resp: 8705

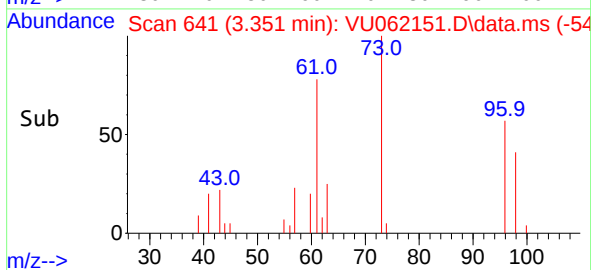
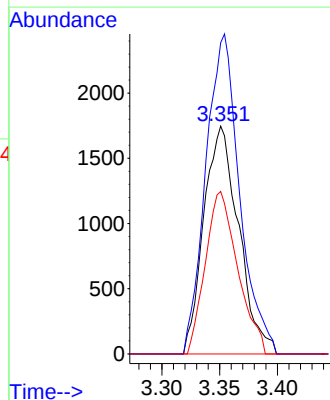
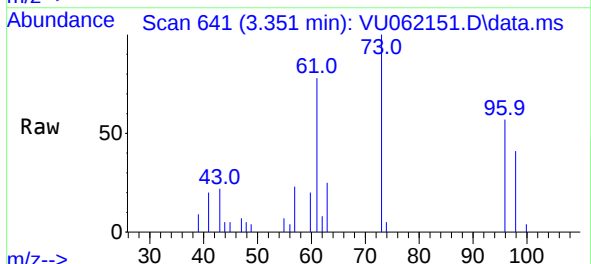
Ion	Ratio	Lower	Upper
73	100		
43	18.5	16.3	24.5
57	21.1	17.1	25.7

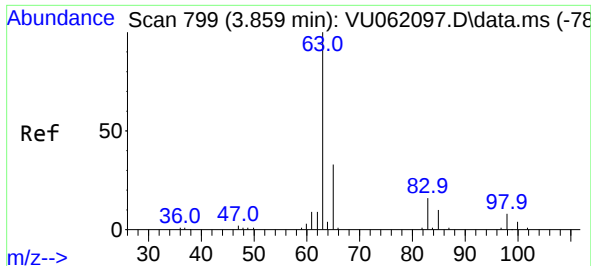


#18
trans-1,2-Dichloroethene
Concen: 0.474 ug/L
RT: 3.351 min Scan# 641
Delta R.T. 0.006 min
Lab File: VU062151.D
Acq: 09 Dec 2024 10:52

Tgt Ion: 96 Resp: 3668

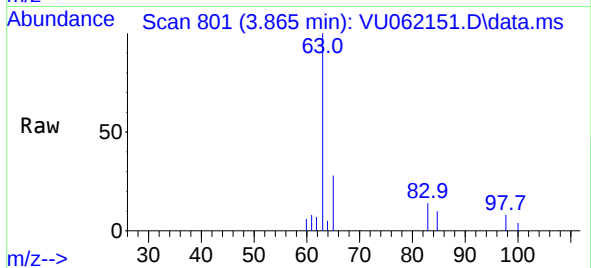
Ion	Ratio	Lower	Upper
96	100		
61	136.6	104.2	193.4
98	71.4	45.7	84.9



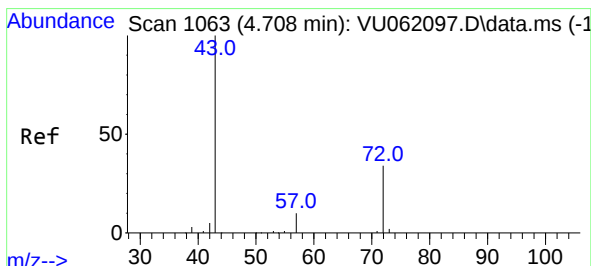
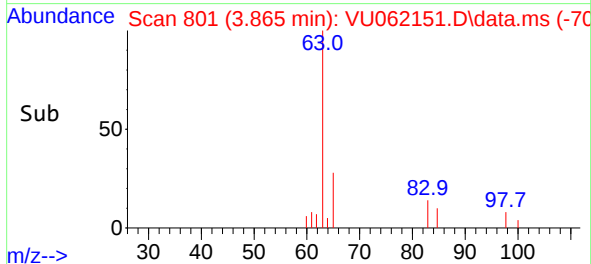
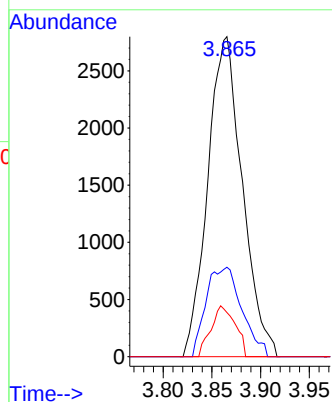


#19
1,1-Dichloroethane
Concen: 0.457 ug/L
RT: 3.865 min Scan# 801
Delta R.T. 0.006 min
Lab File: VU062151.D
Acq: 09 Dec 2024 10:52

Instrument :
MSVOA_U
ClientSampleId :

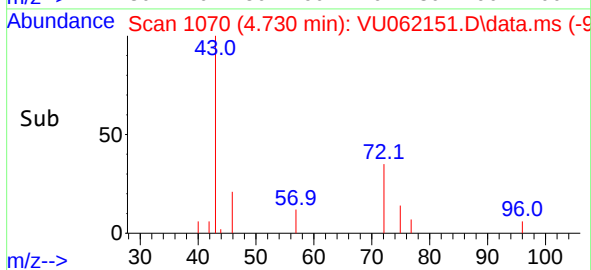
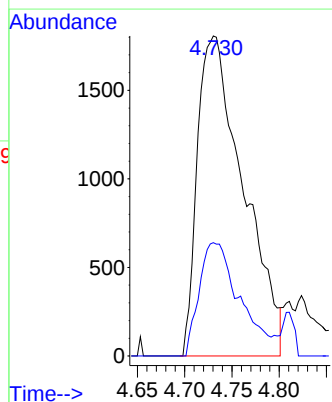
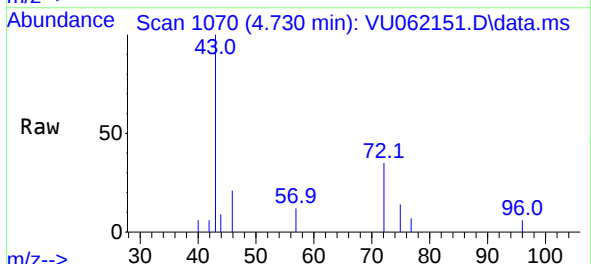


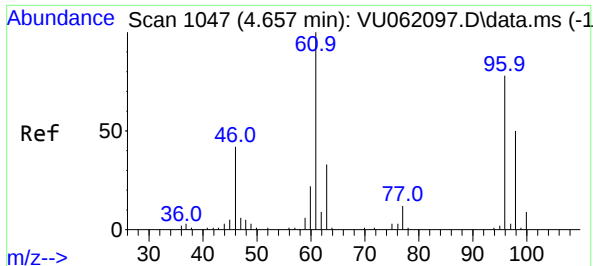
Tgt Ion: 63 Resp: 6899
Ion Ratio Lower Upper
63 100
65 27.9 22.7 42.3
83 13.8 9.9 18.3



#21
2-Butanone
Concen: 3.243 ug/L
RT: 4.730 min Scan# 1070
Delta R.T. 0.022 min
Lab File: VU062151.D
Acq: 09 Dec 2024 10:52

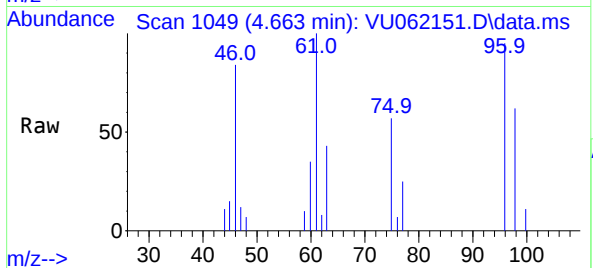
Tgt Ion: 43 Resp: 6090
Ion Ratio Lower Upper
43 100
72 31.1 14.8 44.4



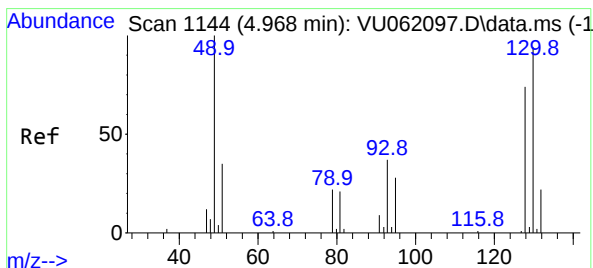
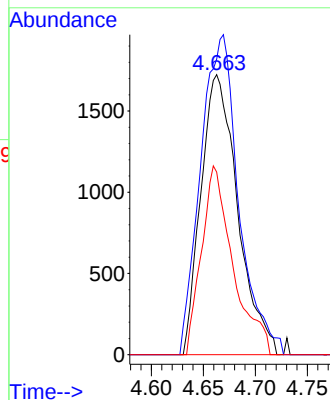
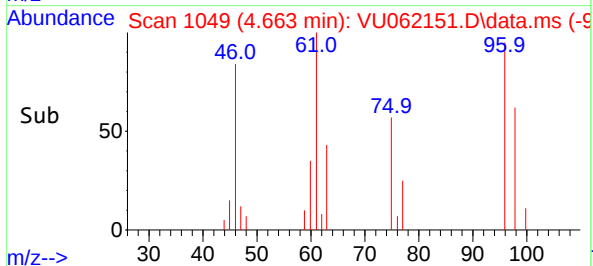


#22
cis-1,2-Dichloroethene
Concen: 0.487 ug/L
RT: 4.663 min Scan# 1047
Delta R.T. 0.006 min
Lab File: VU062151.D
Acq: 09 Dec 2024 10:52

Instrument :
MSVOA_U
ClientSampleId :

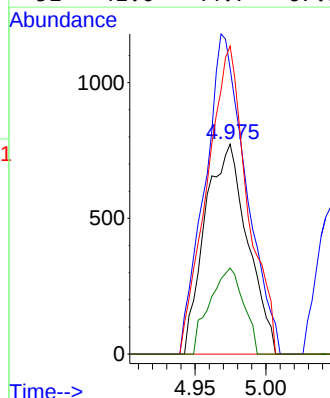
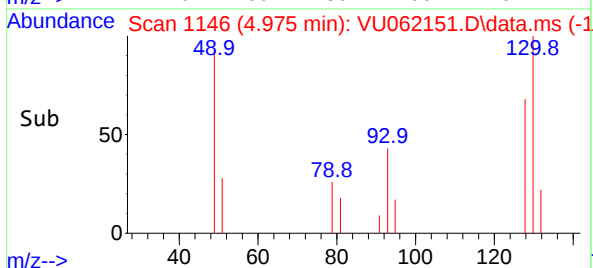
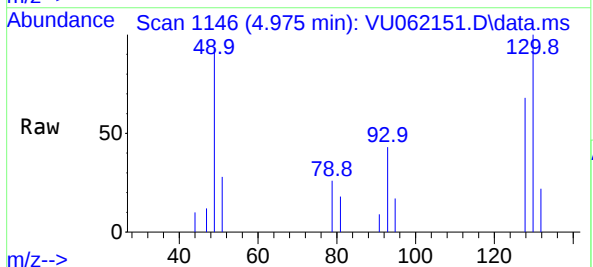


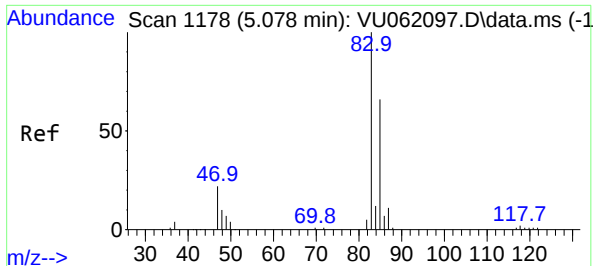
Tgt Ion: 96 Resp: 4245
Ion Ratio Lower Upper
96 100
61 105.5 92.0 170.8
98 65.2 44.5 82.7



#23
Bromochloromethane
Concen: 0.426 ug/L
RT: 4.975 min Scan# 1146
Delta R.T. 0.007 min
Lab File: VU062151.D
Acq: 09 Dec 2024 10:52

Tgt Ion: 128 Resp: 1614
Ion Ratio Lower Upper
128 100
49 136.2 115.3 214.1
130 146.7 92.0 170.8
51 41.0 44.7 67.1#

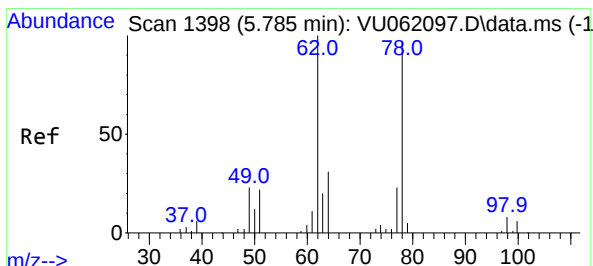
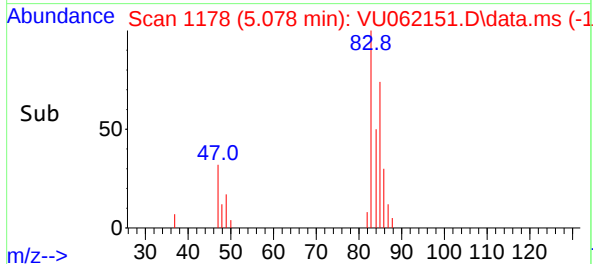
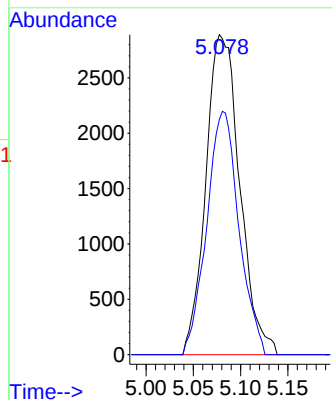
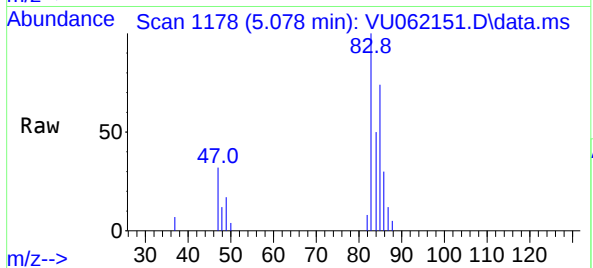




#25
Chloroform
Concen: 0.458 ug/L
RT: 5.078 min Scan# 1178
Delta R.T. -0.000 min
Lab File: VU062151.D
Acq: 09 Dec 2024 10:52

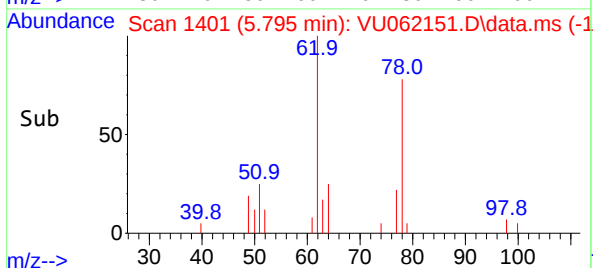
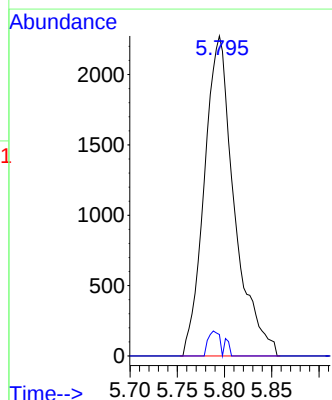
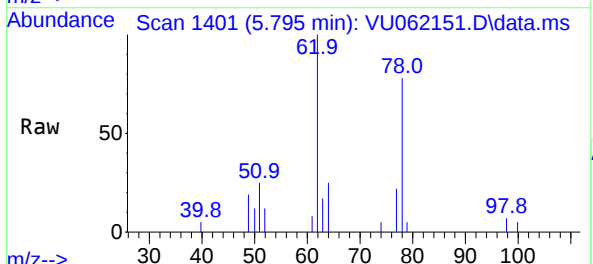
Instrument :
MSVOA_U
ClientSampleId :

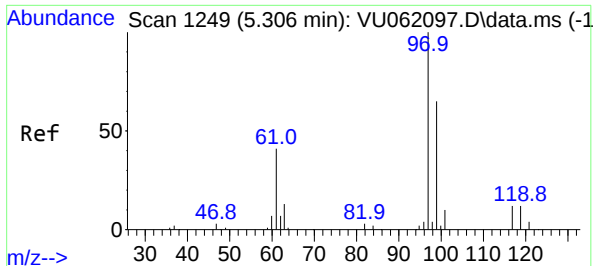
Tgt Ion: 83 Resp: 7217
Ion Ratio Lower Upper
83 100
85 73.5 45.4 84.2



#27
1,2-Dichloroethane
Concen: 0.495 ug/L
RT: 5.795 min Scan# 1401
Delta R.T. 0.009 min
Lab File: VU062151.D
Acq: 09 Dec 2024 10:52

Tgt Ion: 62 Resp: 5022
Ion Ratio Lower Upper
62 100
98 6.7 7.4 11.0#

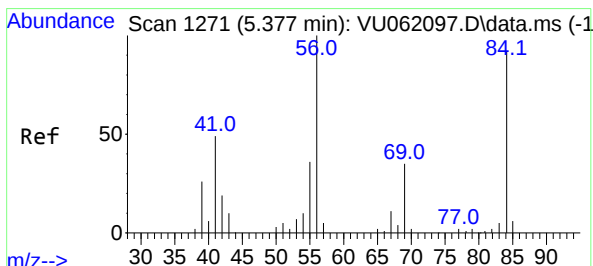
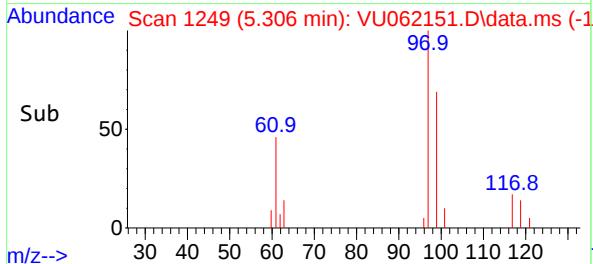
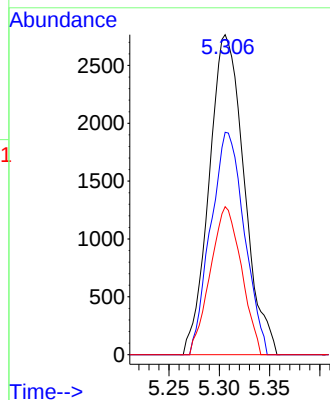
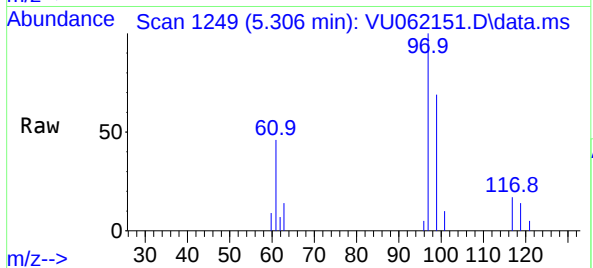




#29
1,1,1-Trichloroethane
Concen: 0.564 ug/L
RT: 5.306 min Scan# 11
Delta R.T. -0.000 min
Lab File: VU062151.D
Acq: 09 Dec 2024 10:52

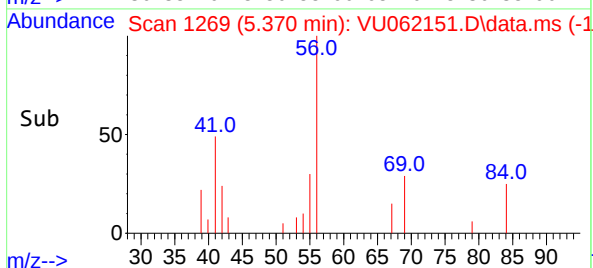
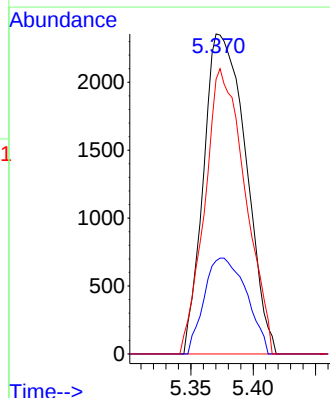
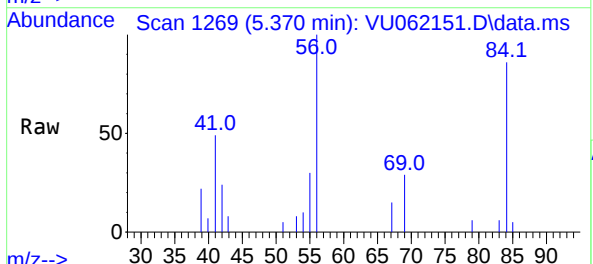
Instrument :
MSVOA_U
ClientSampleId :

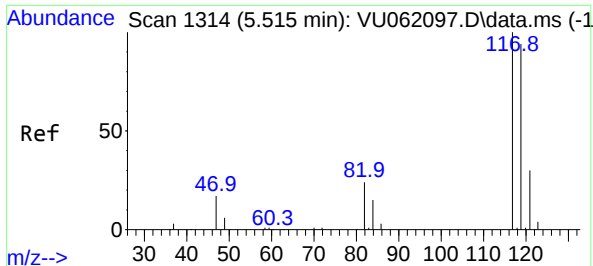
Tgt Ion:	97	Resp:	6689
Ion	Ratio	Lower	Upper
97	100		
99	66.8	51.4	77.2
61	41.2	37.8	56.6



#30
Cyclohexane
Concen: 0.447 ug/L
RT: 5.370 min Scan# 1269
Delta R.T. -0.007 min
Lab File: VU062151.D
Acq: 09 Dec 2024 10:52

Tgt Ion:	56	Resp:	5544
Ion	Ratio	Lower	Upper
56	100		
69	29.9	25.1	37.7
84	85.4	70.6	105.8

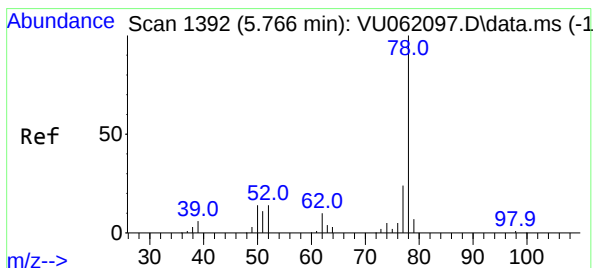
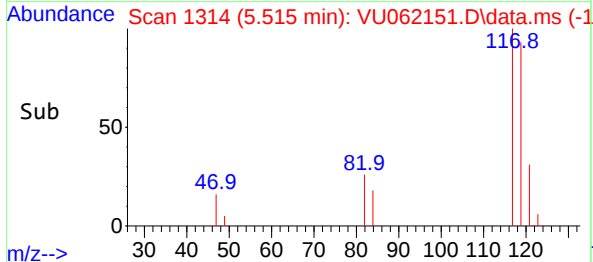
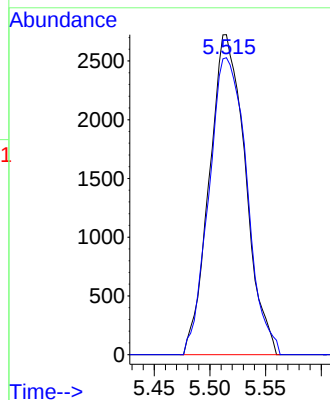
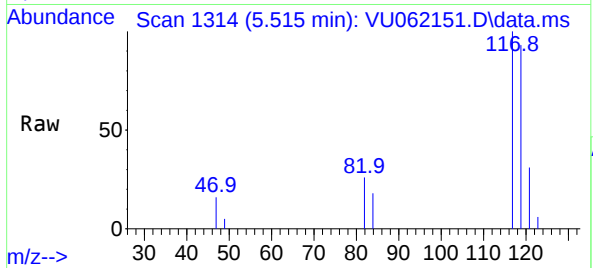




#31
Carbon tetrachloride
Concen: 0.607 ug/L
RT: 5.515 min Scan# 117
Delta R.T. -0.000 min
Lab File: VU062151.D
Acq: 09 Dec 2024 10:52

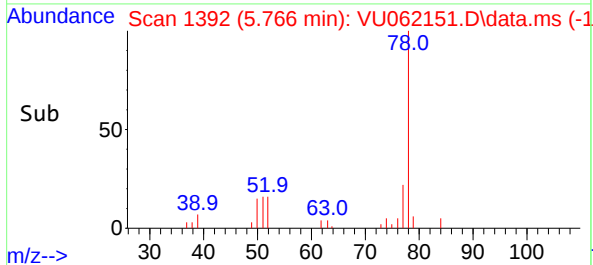
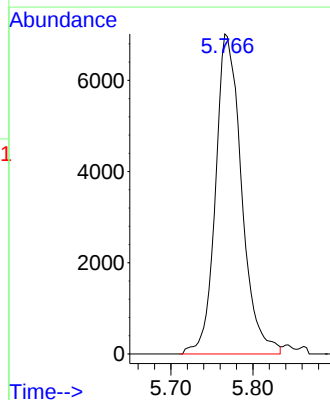
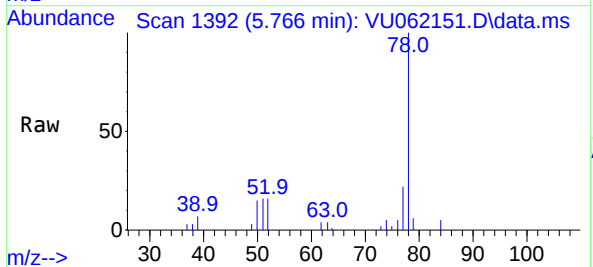
Instrument :
MSVOA_U
ClientSampleId :

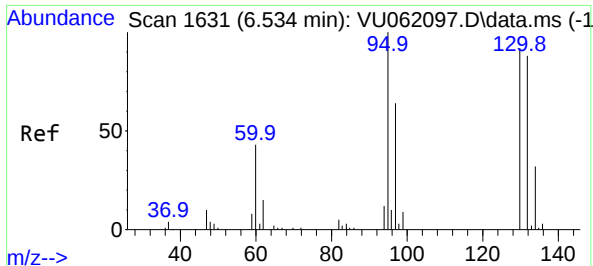
Tgt Ion:117 Resp: 6115
Ion Ratio Lower Upper
117 100
119 97.6 77.5 116.3



#33
Benzene
Concen: 0.498 ug/L
RT: 5.766 min Scan# 1392
Delta R.T. -0.000 min
Lab File: VU062151.D
Acq: 09 Dec 2024 10:52

Tgt Ion: 78 Resp: 15500

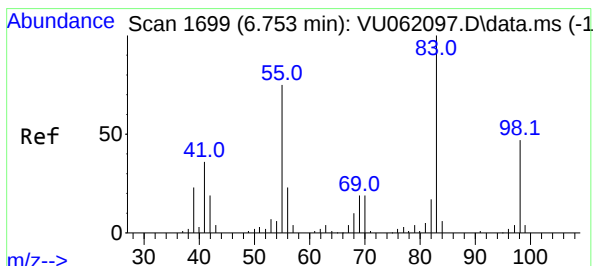
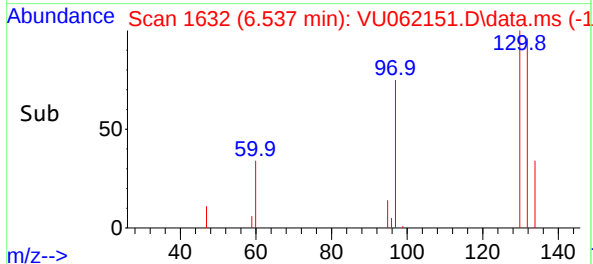
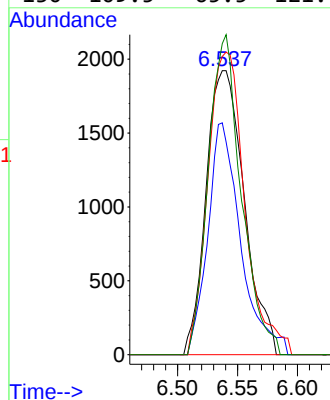
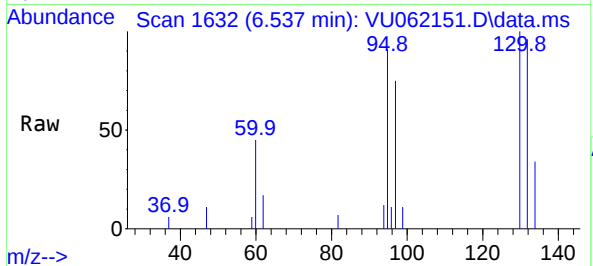




#34
Trichloroethene
Concen: 0.513 ug/L
RT: 6.537 min Scan# 1
Delta R.T. 0.003 min
Lab File: VU062151.D
Acq: 09 Dec 2024 10:52

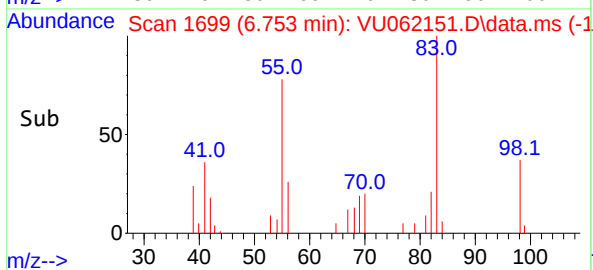
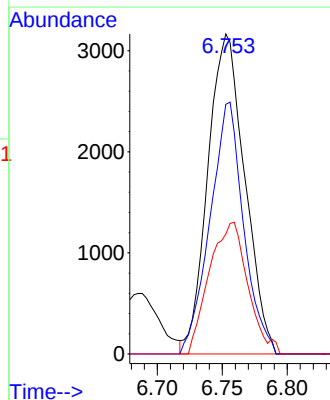
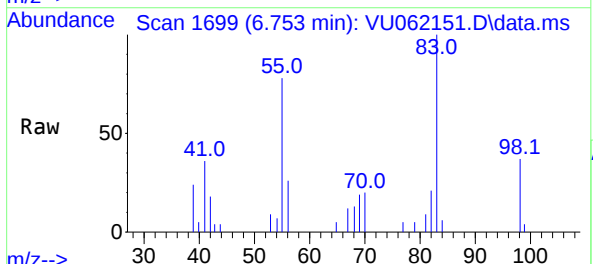
Instrument :
MSVOA_U
ClientSampleId :

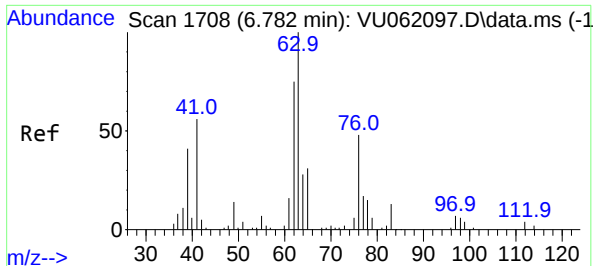
Tgt Ion: 95 Resp: 4261
Ion Ratio Lower Upper
95 100
97 81.6 45.9 85.3
132 105.0 63.8 118.4
130 109.5 65.5 121.7



#35
Methylcyclohexane
Concen: 0.492 ug/L
RT: 6.753 min Scan# 1699
Delta R.T. -0.000 min
Lab File: VU062151.D
Acq: 09 Dec 2024 10:52

Tgt Ion: 83 Resp: 6253
Ion Ratio Lower Upper
83 100
55 71.5 60.7 91.1
98 43.0 34.8 52.2

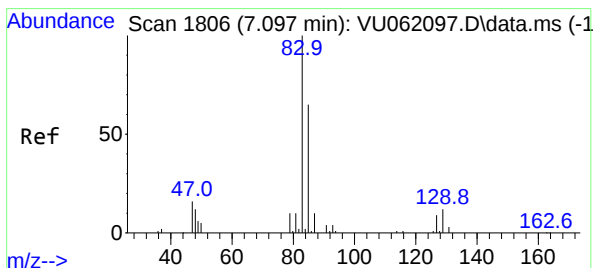
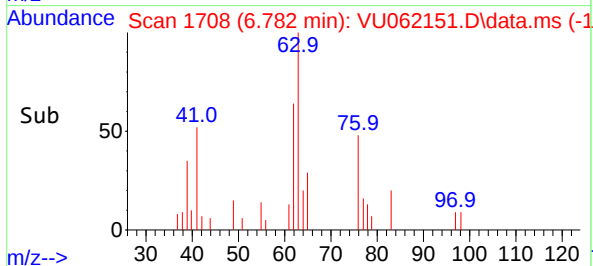
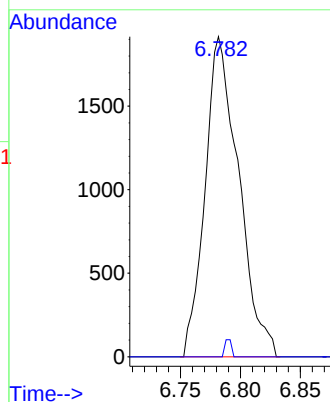
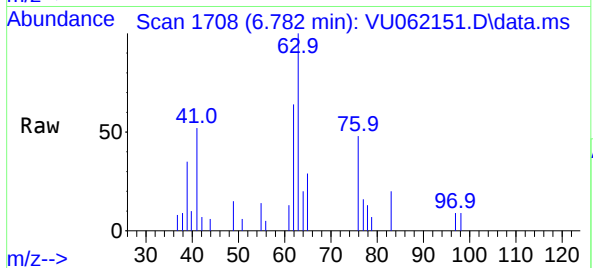




#37
1,2-Dichloropropane
Concen: 0.462 ug/L
RT: 6.782 min Scan# 11
Delta R.T. -0.000 min
Lab File: VU062151.D
Acq: 09 Dec 2024 10:52

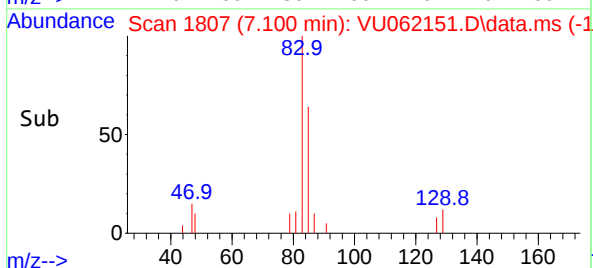
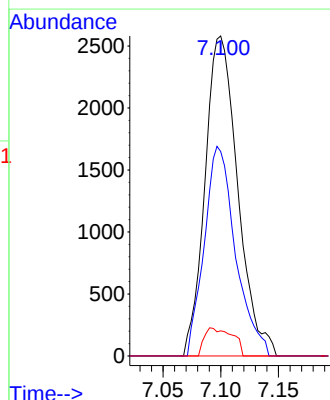
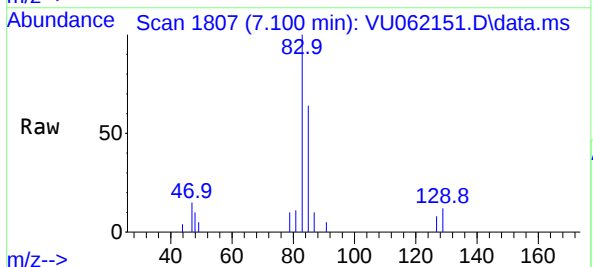
Instrument :
MSVOA_U
ClientSampleId :

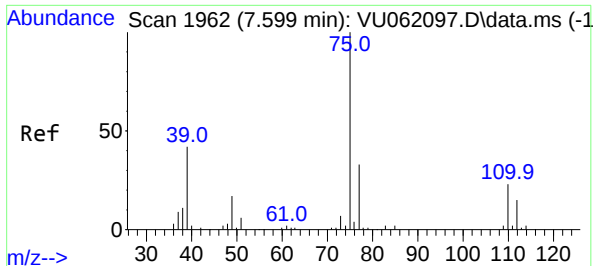
Tgt Ion: 63 Resp: 3731
Ion Ratio Lower Upper
63 100
112 1.0 3.4 5.0#



#38
Bromodichloromethane
Concen: 0.520 ug/L
RT: 7.100 min Scan# 1807
Delta R.T. 0.003 min
Lab File: VU062151.D
Acq: 09 Dec 2024 10:52

Tgt Ion: 83 Resp: 5091
Ion Ratio Lower Upper
83 100
85 63.9 44.1 81.9
127 7.9 6.9 10.3

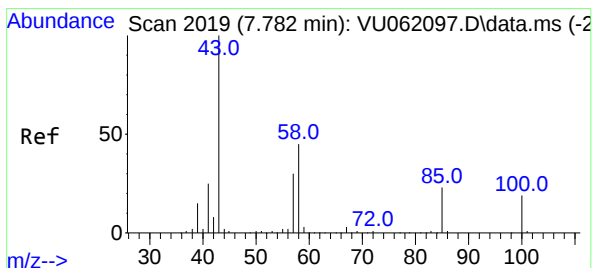
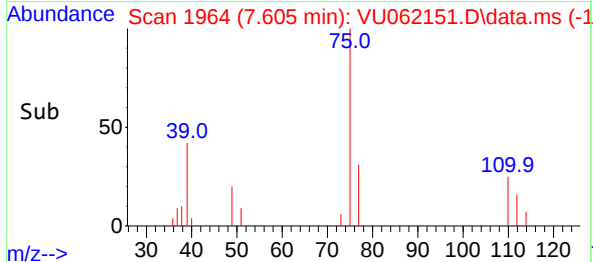
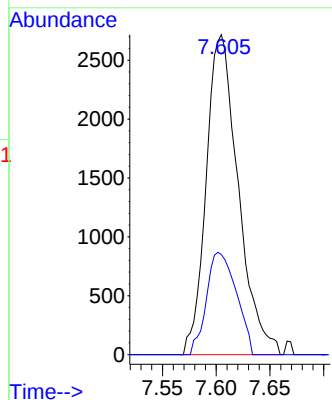
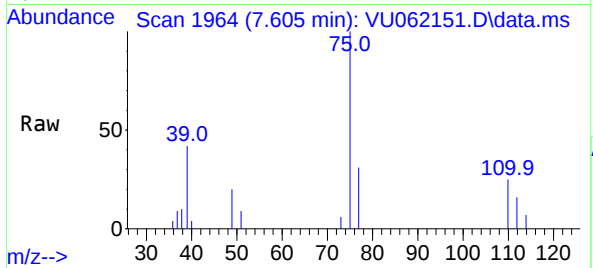




#39
 cis-1,3-Dichloropropene
 Concen: 0.498 ug/L
 RT: 7.605 min Scan# 1962
 Delta R.T. 0.006 min
 Lab File: VU062151.D
 Acq: 09 Dec 2024 10:52

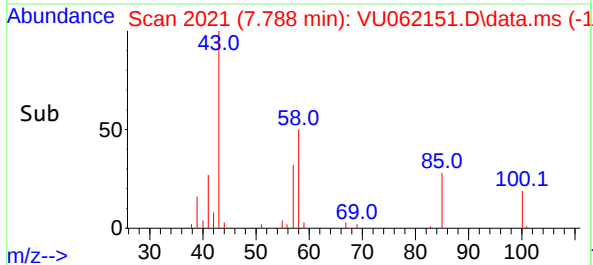
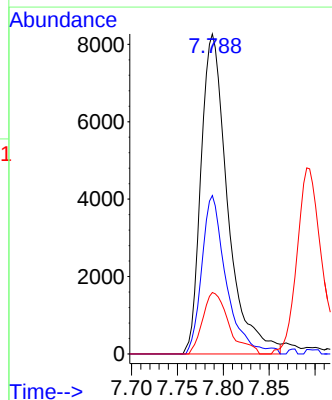
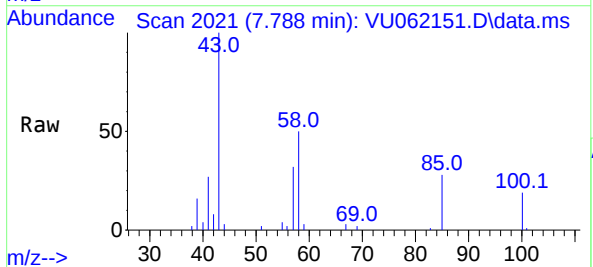
Instrument :
 MSVOA_U
 ClientSampleId :

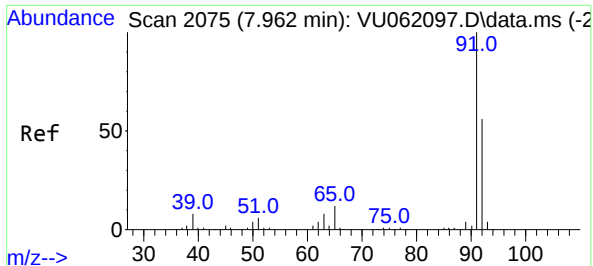
Tgt Ion: 75 Resp: 5637
 Ion Ratio Lower Upper
 75 100
 77 31.3 22.3 41.3



#40
 4-Methyl-2-pentanone
 Concen: 3.832 ug/L
 RT: 7.788 min Scan# 2021
 Delta R.T. 0.006 min
 Lab File: VU062151.D
 Acq: 09 Dec 2024 10:52

Tgt Ion: 43 Resp: 16706
 Ion Ratio Lower Upper
 43 100
 58 44.9 33.3 49.9
 100 18.9 12.4 18.6#

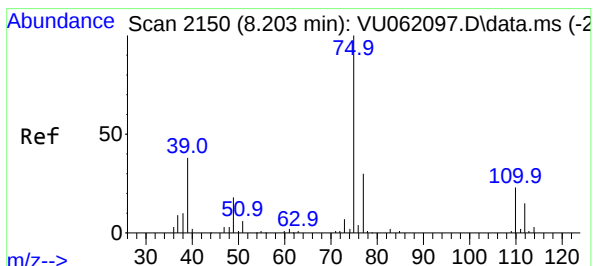
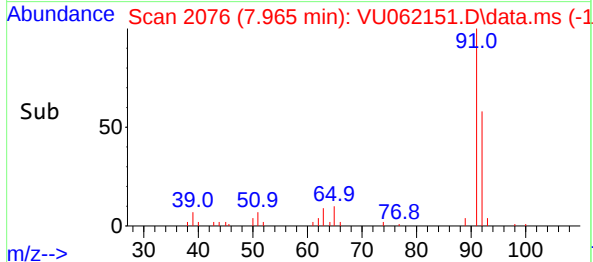
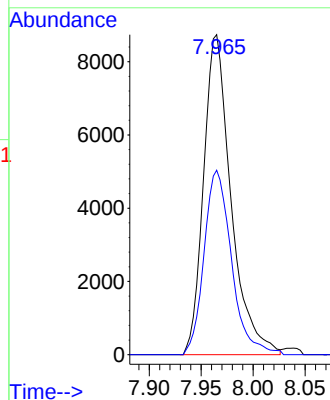
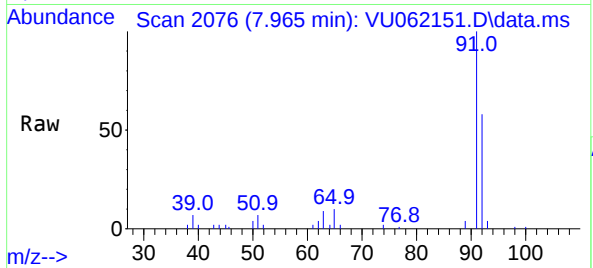




#42
Toluene
Concen: 0.493 ug/L
RT: 7.965 min Scan# 2075
Delta R.T. 0.003 min
Lab File: VU062151.D
Acq: 09 Dec 2024 10:52

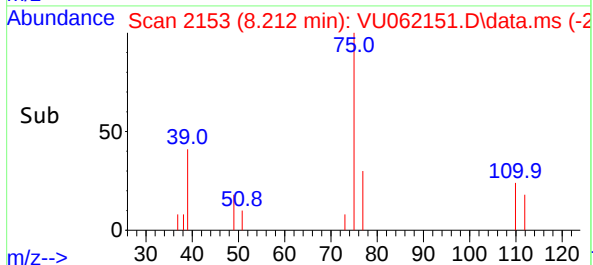
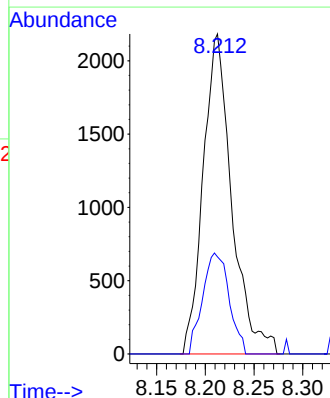
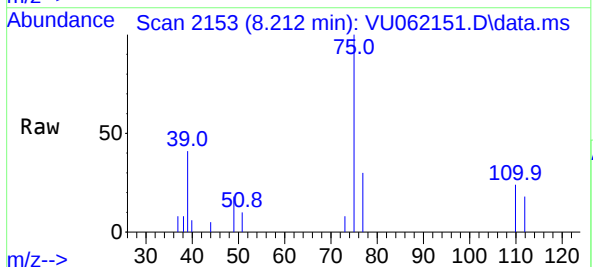
Instrument :
MSVOA_U
ClientSampleId :

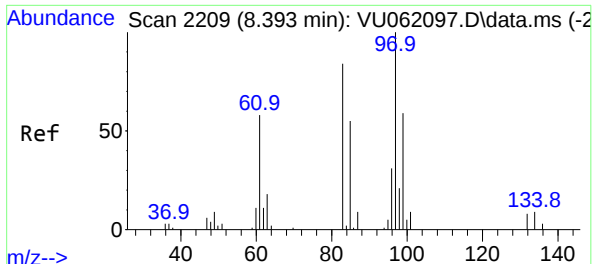
Tgt Ion: 91 Resp: 16082
Ion Ratio Lower Upper
91 100
92 57.7 39.0 72.4



#44
trans-1,3-Dichloropropene
Concen: 0.495 ug/L
RT: 8.212 min Scan# 2153
Delta R.T. 0.009 min
Lab File: VU062151.D
Acq: 09 Dec 2024 10:52

Tgt Ion: 75 Resp: 4458
Ion Ratio Lower Upper
75 100
77 30.4 21.8 40.4



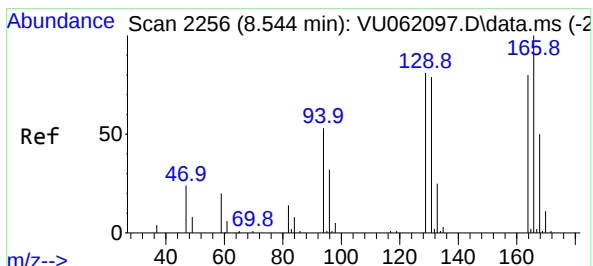
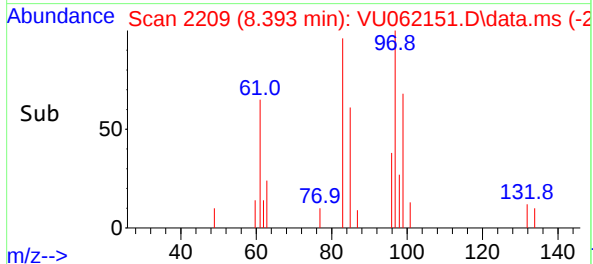
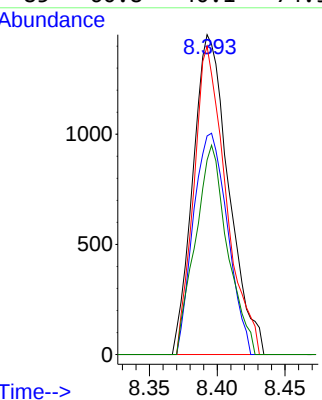
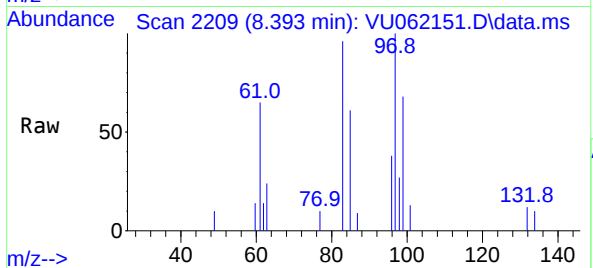


#45
1,1,2-Trichloroethane
Concen: 0.447 ug/L
RT: 8.393 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU062151.D
Acq: 09 Dec 2024 10:52

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 97 Resp: 2663

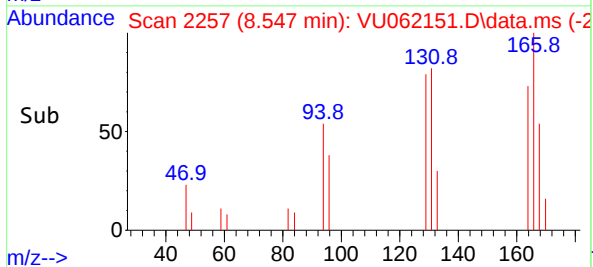
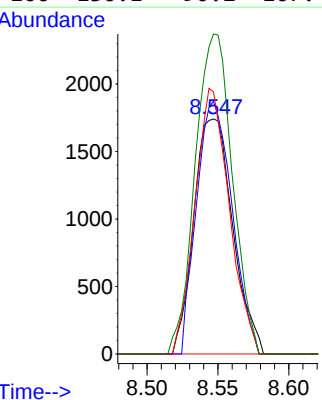
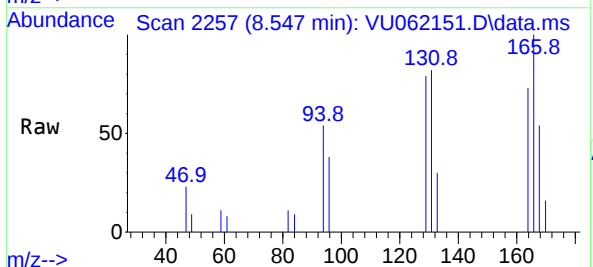
Ion	Ratio	Lower	Upper
97	100		
99	68.3	43.0	79.8
83	96.3	61.7	114.5
85	60.8	40.1	74.5

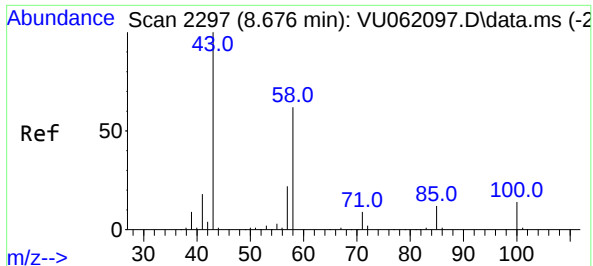


#47
Tetrachloroethene
Concen: 0.551 ug/L
RT: 8.547 min Scan# 2257
Delta R.T. 0.003 min
Lab File: VU062151.D
Acq: 09 Dec 2024 10:52

Tgt Ion: 164 Resp: 3326

Ion	Ratio	Lower	Upper
164	100		
129	107.5	73.2	136.0
131	111.5	72.3	134.3
166	136.1	90.2	167.4

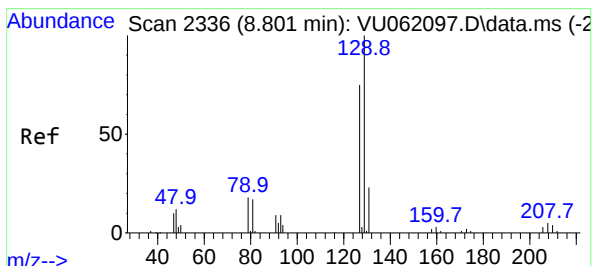
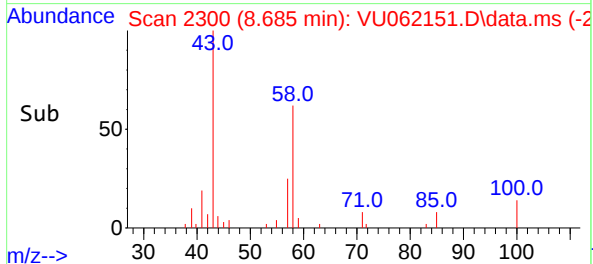
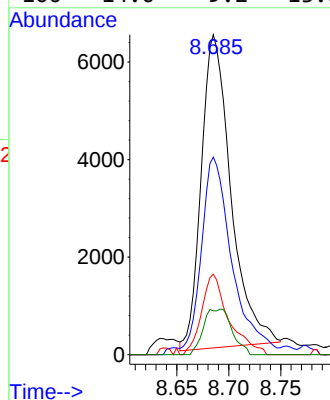
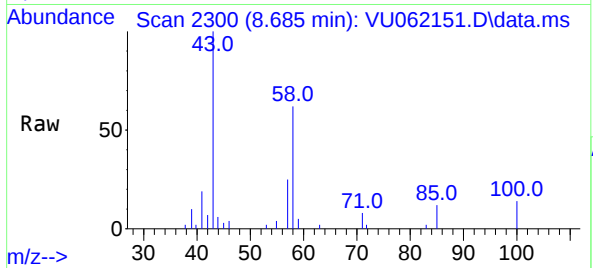




#48
2-Hexanone
Concen: 3.911 ug/L
RT: 8.685 min Scan# 21
Delta R.T. 0.009 min
Lab File: VU062151.D
Acq: 09 Dec 2024 10:52

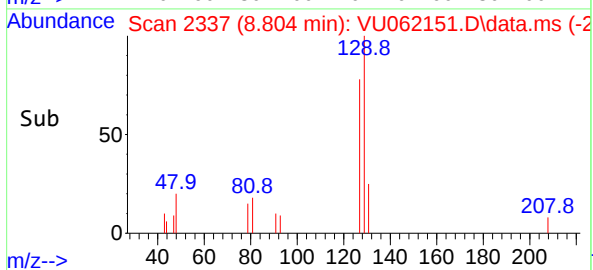
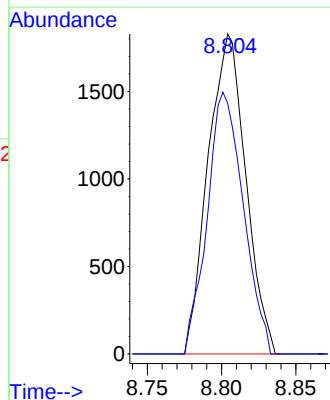
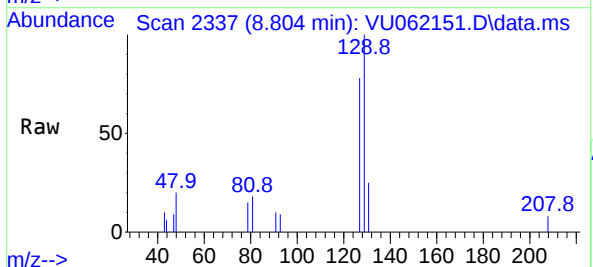
Instrument :
MSVOA_U
ClientSampleId :

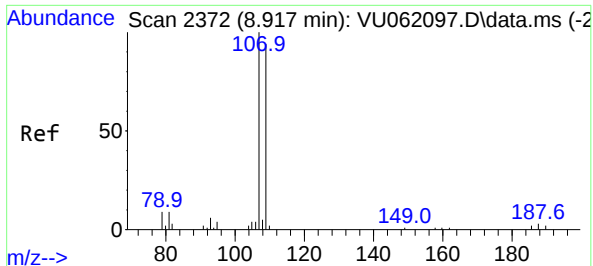
Tgt Ion: 43	Resp: 12768
Ion Ratio	Lower Upper
43 100	
58 66.2	47.5 71.3
57 23.5	15.6 23.4#
100 14.0	9.2 13.8#



#49
Dibromochloromethane
Concen: 0.513 ug/L
RT: 8.804 min Scan# 2337
Delta R.T. 0.003 min
Lab File: VU062151.D
Acq: 09 Dec 2024 10:52

Tgt Ion:129	Resp:	3225	
Ion	Ratio	Lower	Upper
129	100		
127	78.2	51.1	94.9

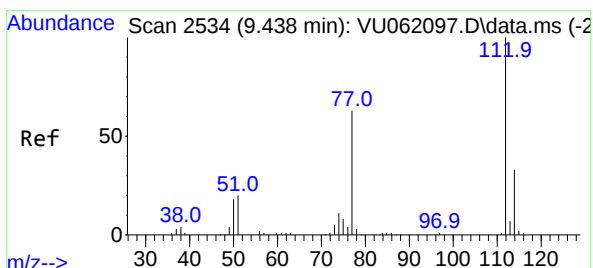
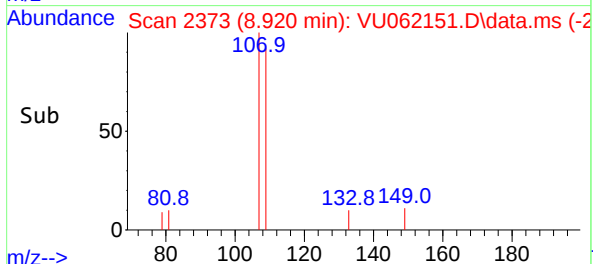
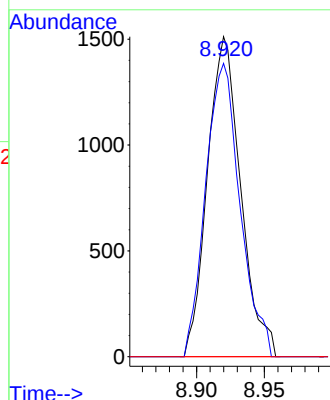
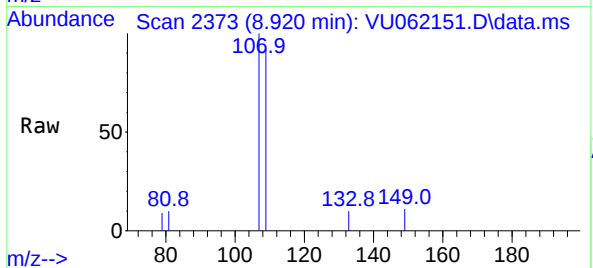




#50
1,2-Dibromoethane
Concen: 0.437 ug/L
RT: 8.920 min Scan# 21
Delta R.T. 0.003 min
Lab File: VU062151.D
Acq: 09 Dec 2024 10:52

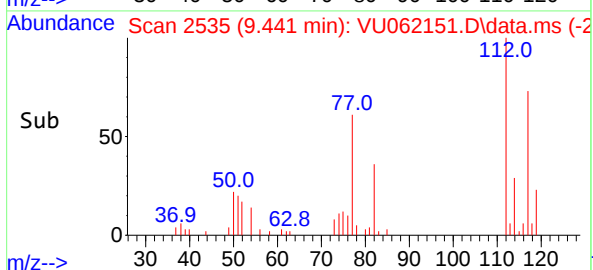
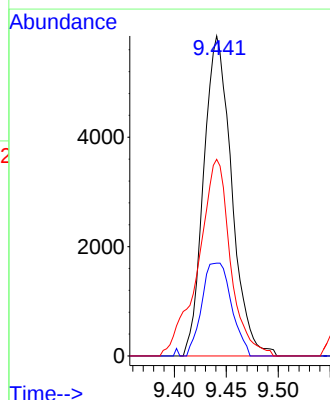
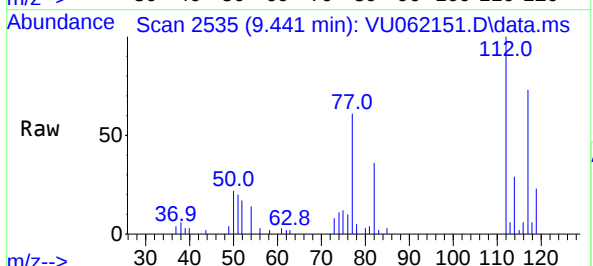
Instrument :
MSVOA_U
ClientSampleId :

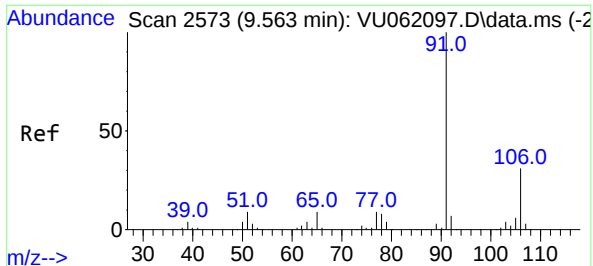
Tgt Ion:107 Resp: 2580
Ion Ratio Lower Upper
107 100
109 91.7 66.8 124.2
188 0.0 2.3 3.5#



#51
Chlorobenzene
Concen: 0.491 ug/L
RT: 9.441 min Scan# 2535
Delta R.T. 0.003 min
Lab File: VU062151.D
Acq: 09 Dec 2024 10:52

Tgt Ion:112 Resp: 10967
Ion Ratio Lower Upper
112 100
114 29.0 23.0 42.6
77 61.5 50.5 75.7

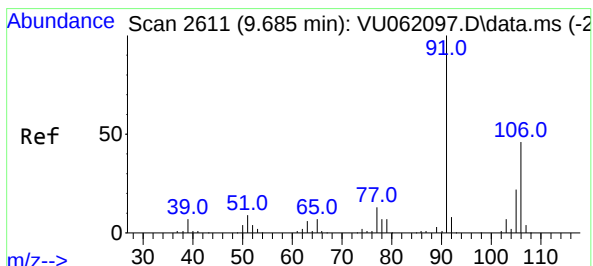
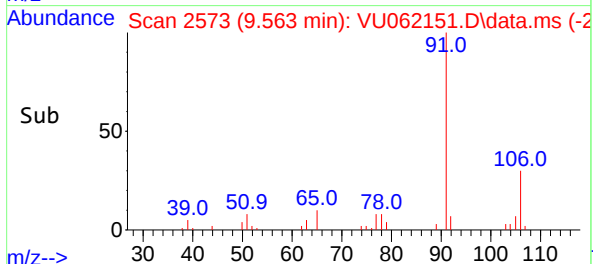
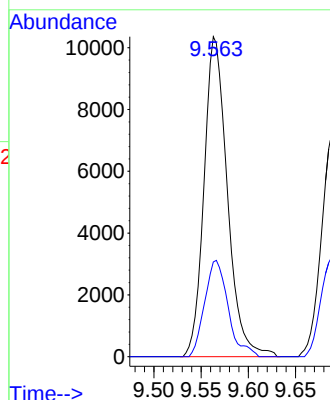
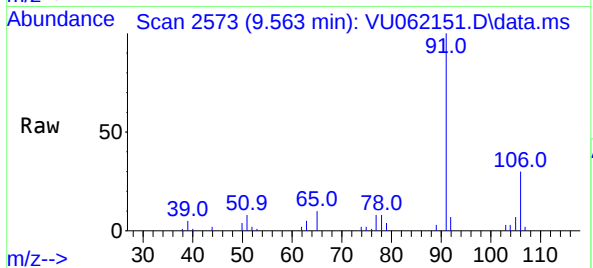




#52
Ethylbenzene
Concen: 0.455 ug/L
RT: 9.563 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU062151.D
Acq: 09 Dec 2024 10:52

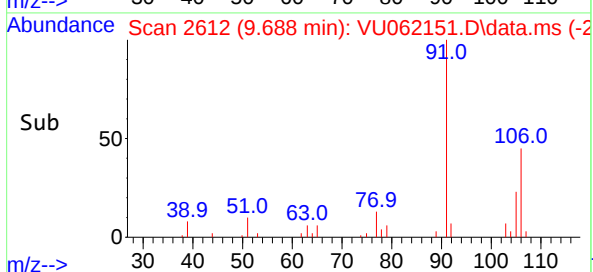
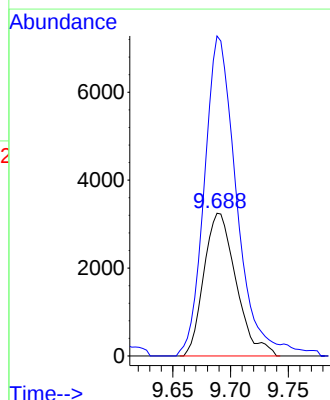
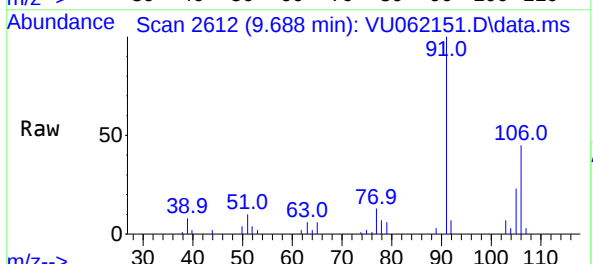
Instrument :
MSVOA_U
ClientSampleId :

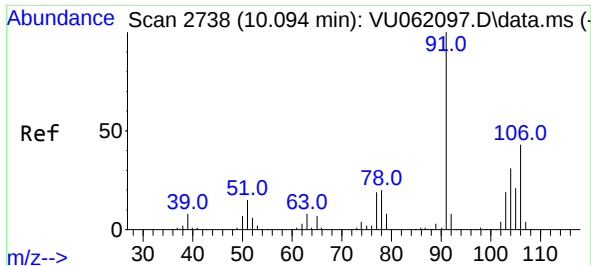
Tgt Ion: 91 Resp: 17788
Ion Ratio Lower Upper
91 100
106 29.6 21.6 40.0



#53
m,p-Xylene
Concen: 0.457 ug/L
RT: 9.688 min Scan# 2612
Delta R.T. 0.003 min
Lab File: VU062151.D
Acq: 09 Dec 2024 10:52

Tgt Ion:106 Resp: 6295
Ion Ratio Lower Upper
106 100
91 224.3 147.6 274.0

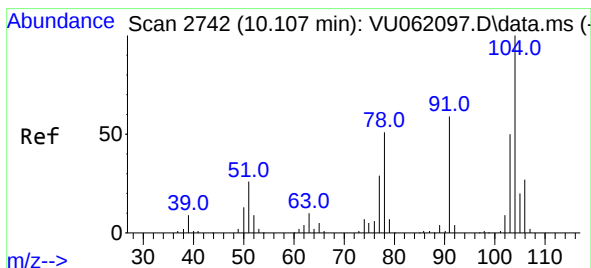
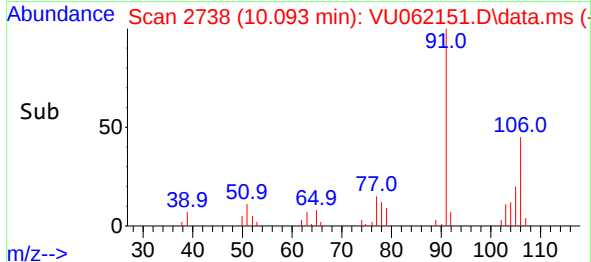
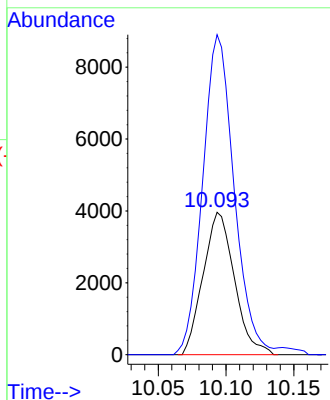
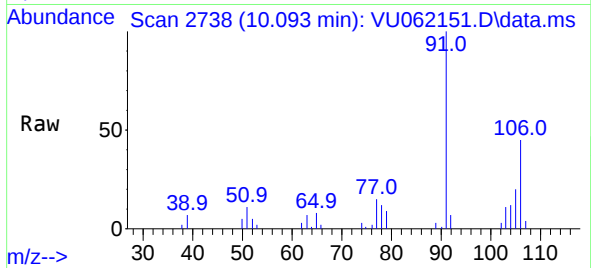




#54
o-Xylene
Concen: 0.457 ug/L
RT: 10.093 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU062151.D
Acq: 09 Dec 2024 10:52

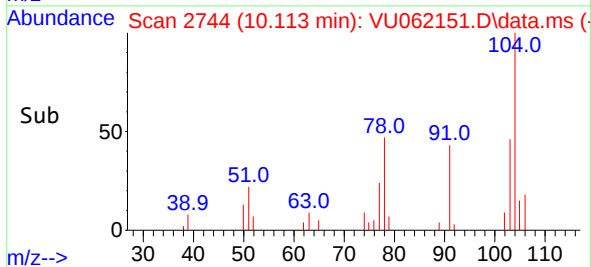
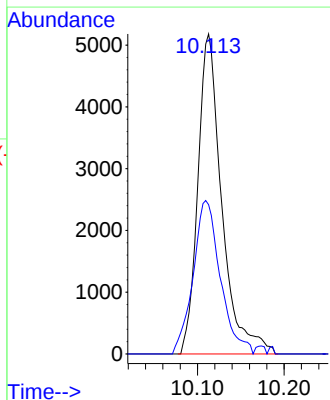
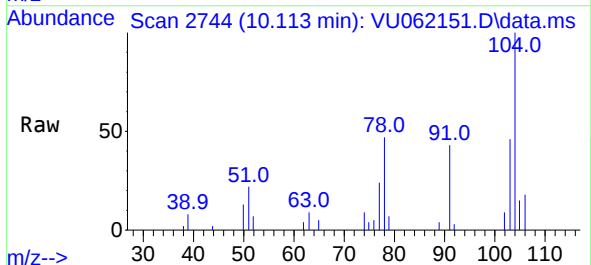
Instrument :
MSVOA_U
ClientSampleId :

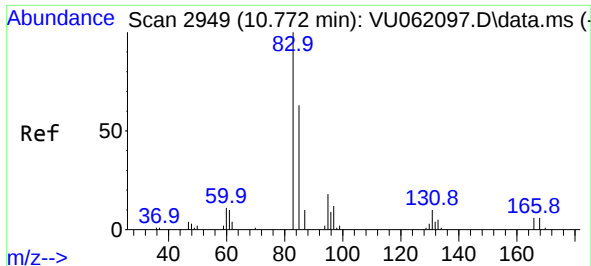
Tgt Ion:106 Resp: 6364
Ion Ratio Lower Upper
106 100
91 224.6 159.8 296.8



#55
Styrene
Concen: 0.434 ug/L
RT: 10.113 min Scan# 2744
Delta R.T. 0.006 min
Lab File: VU062151.D
Acq: 09 Dec 2024 10:52

Tgt Ion:104 Resp: 9955
Ion Ratio Lower Upper
104 100
78 46.7 33.2 61.7

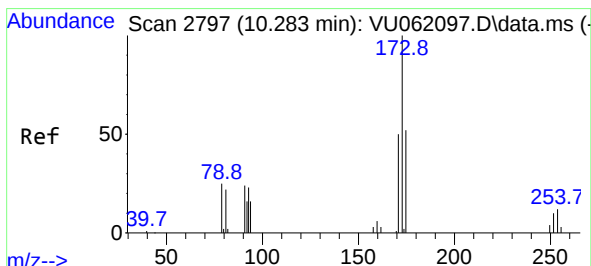
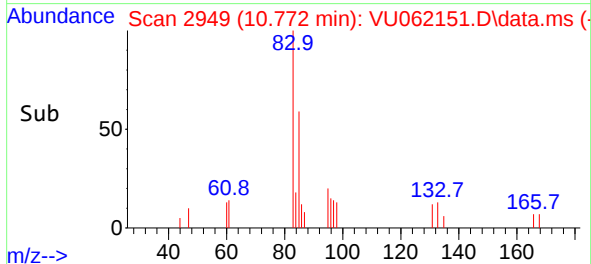
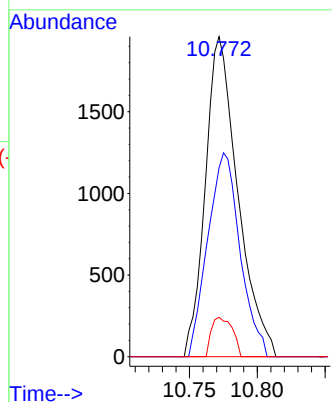
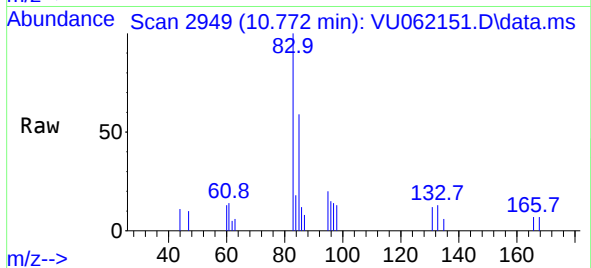




#57
1,1,2,2-Tetrachloroethane
Concen: 0.428 ug/L
RT: 10.772 min Scan# 2949
Delta R.T. -0.000 min
Lab File: VU062151.D
Acq: 09 Dec 2024 10:52

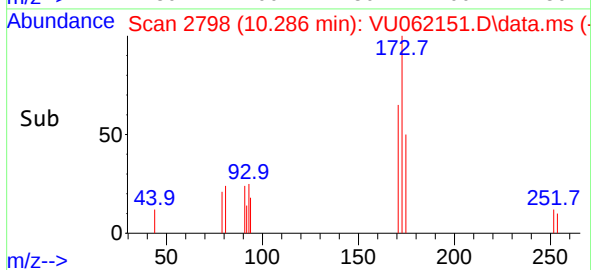
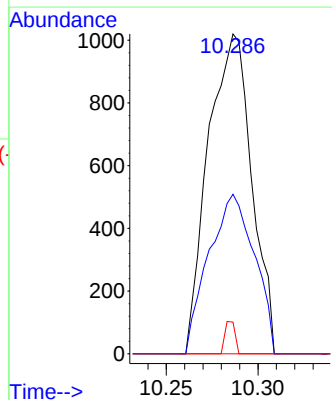
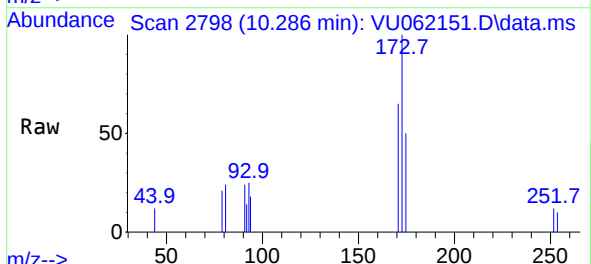
Instrument :
MSVOA_U
ClientSampleId :

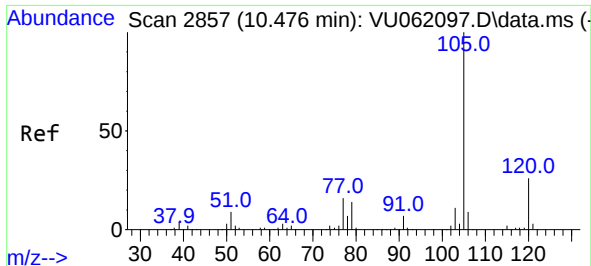
Tgt Ion:	83	Resp:	3265
Ion	Ratio	Lower	Upper
83	100		
85	59.0	44.4	82.4
131	12.3	7.3	10.9#



#59
Bromoform
Concen: 0.463 ug/L
RT: 10.286 min Scan# 2798
Delta R.T. 0.003 min
Lab File: VU062151.D
Acq: 09 Dec 2024 10:52

Tgt Ion:	173	Resp:	1680
Ion	Ratio	Lower	Upper
173	100		
175	52.5	39.0	58.4
254	2.3	7.4	11.0#



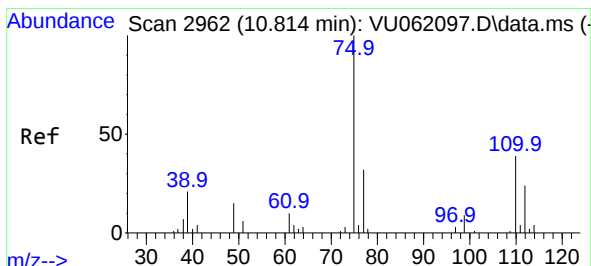
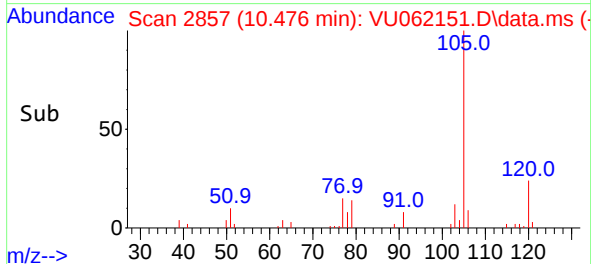
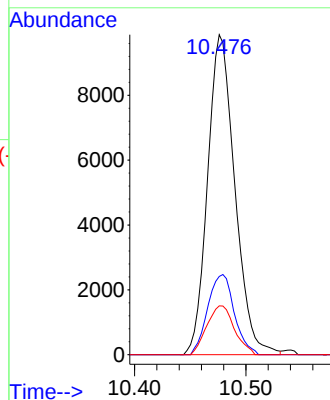
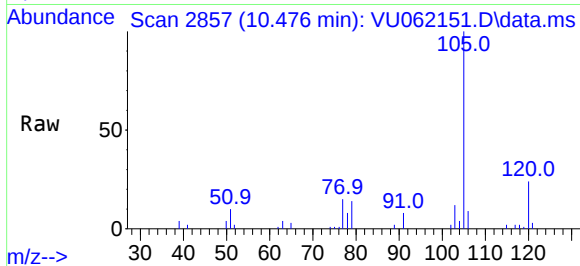


#60
Isopropylbenzene
Concen: 0.441 ug/L
RT: 10.476 min Scan# 2857
Delta R.T. -0.000 min
Lab File: VU062151.D
Acq: 09 Dec 2024 10:52

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion:105 Resp: 16795

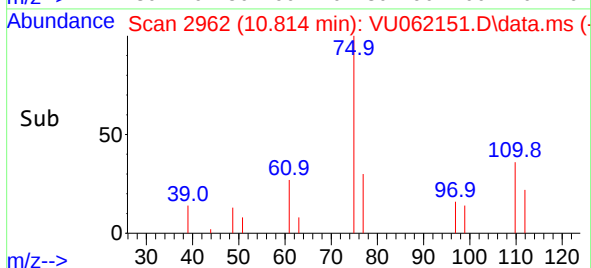
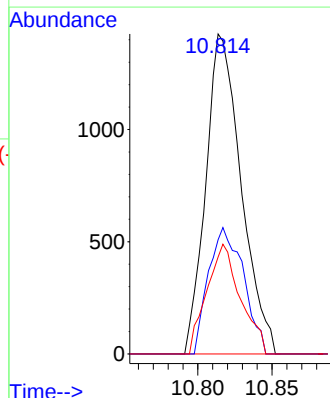
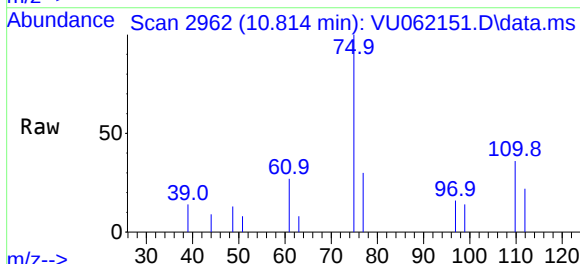
Ion	Ratio	Lower	Upper
105	100		
120	24.4	20.6	31.0
77	15.4	13.0	19.6

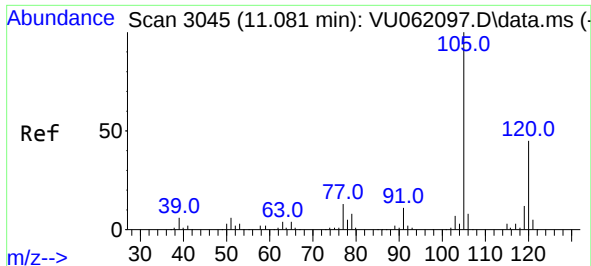


#61
1,2,3-Trichloropropane
Concen: 0.418 ug/L
RT: 10.814 min Scan# 2962
Delta R.T. -0.000 min
Lab File: VU062151.D
Acq: 09 Dec 2024 10:52

Tgt Ion: 75 Resp: 2362

Ion	Ratio	Lower	Upper
75	100		
110	39.0	28.9	43.3
77	32.7	26.5	39.7

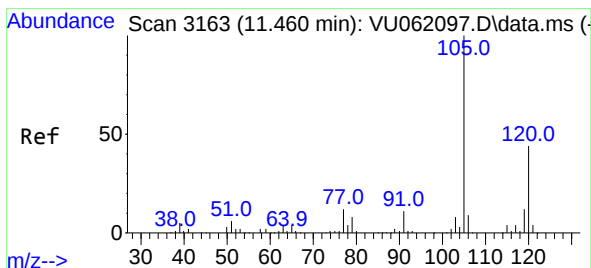
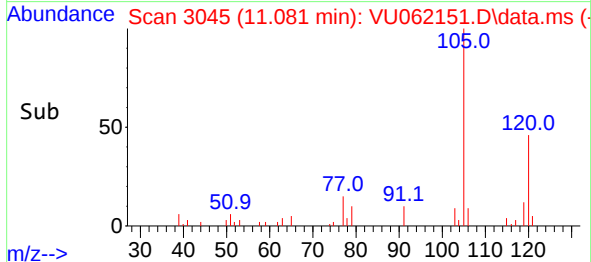
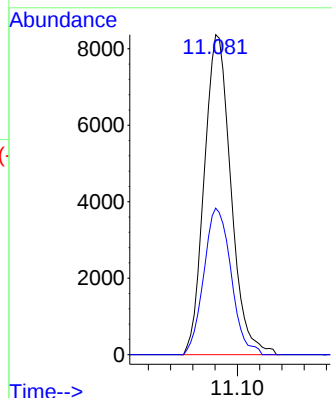
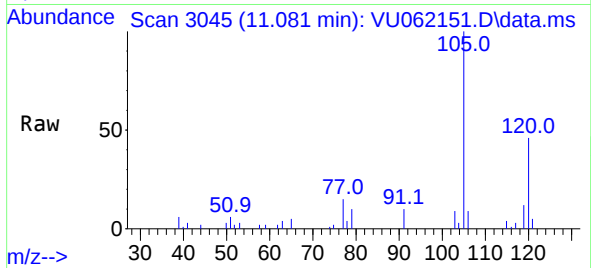




#62
1,3,5-Trimethylbenzene
Concen: 0.458 ug/L
RT: 11.081 min Scan# 3045
Delta R.T. -0.000 min
Lab File: VU062151.D
Acq: 09 Dec 2024 10:52

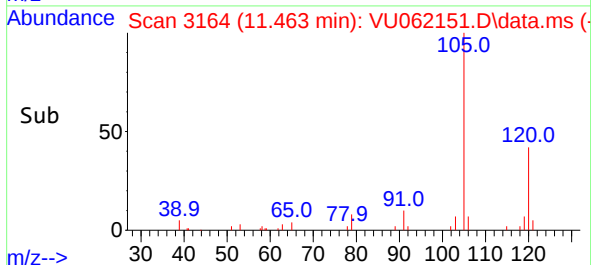
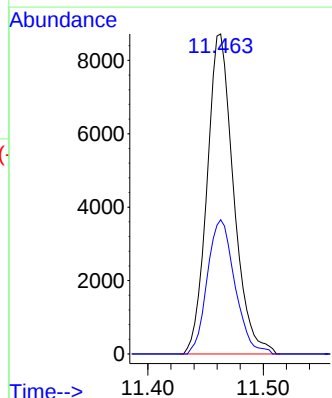
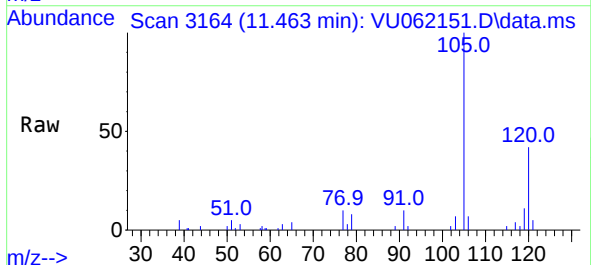
Instrument :
MSVOA_U
ClientSampleId :

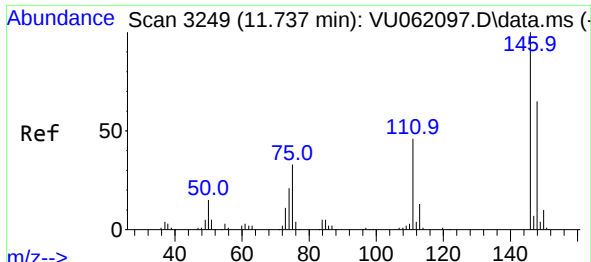
Tgt Ion:105 Resp: 13903
Ion Ratio Lower Upper
105 100
120 46.8 36.7 55.1



#63
1,2,4-Trimethylbenzene
Concen: 0.460 ug/L
RT: 11.463 min Scan# 3164
Delta R.T. 0.003 min
Lab File: VU062151.D
Acq: 09 Dec 2024 10:52

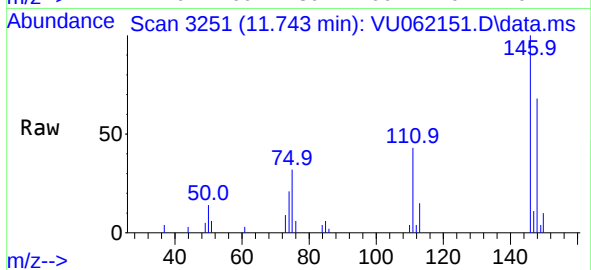
Tgt Ion:105 Resp: 13924
Ion Ratio Lower Upper
105 100
120 43.6 34.7 52.1



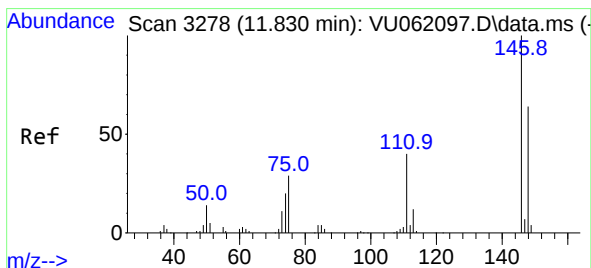
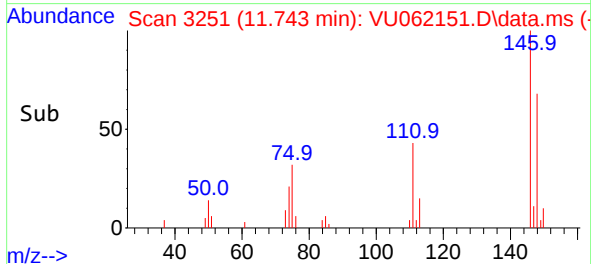
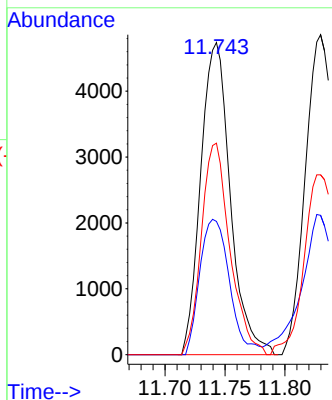


#64
1,3-Dichlorobenzene
Concen: 0.482 ug/L
RT: 11.743 min Scan# 31
Delta R.T. 0.006 min
Lab File: VU062151.D
Acq: 09 Dec 2024 10:52

Instrument :
MSVOA_U
ClientSampleId :

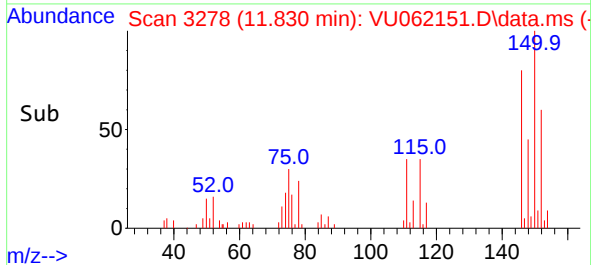
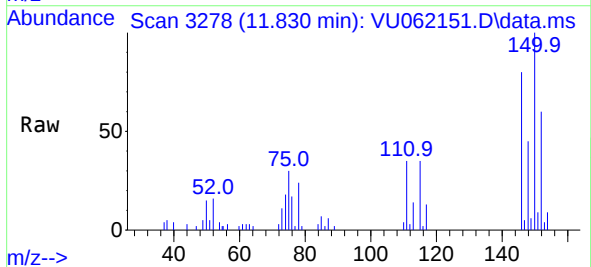
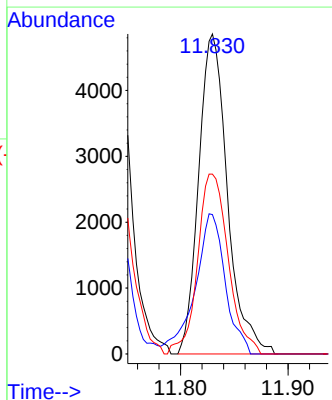


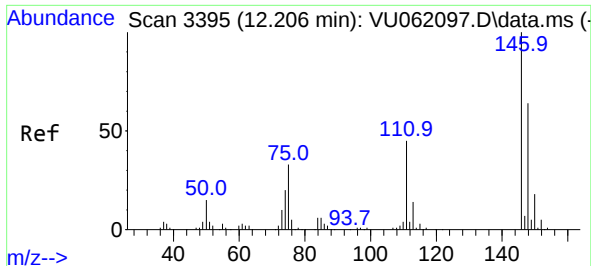
Tgt Ion:146 Resp: 8143
Ion Ratio Lower Upper
146 100
111 42.7 30.7 57.1
148 67.8 45.1 83.7



#65
1,4-Dichlorobenzene
Concen: 0.551 ug/L
RT: 11.830 min Scan# 3278
Delta R.T. -0.000 min
Lab File: VU062151.D
Acq: 09 Dec 2024 10:52

Tgt Ion:146 Resp: 9022
Ion Ratio Lower Upper
146 100
111 43.5 29.3 54.3
148 56.2 44.6 82.8





#67

1,2-Dichlorobenzene

Concen: 0.532 ug/L

RT: 12.206 min Scan# 31

Delta R.T. -0.000 min

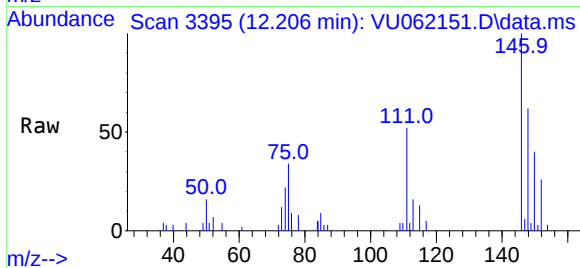
Lab File: VU062151.D

Acq: 09 Dec 2024 10:52

Instrument :

MSVOA_U

ClientSampleId :



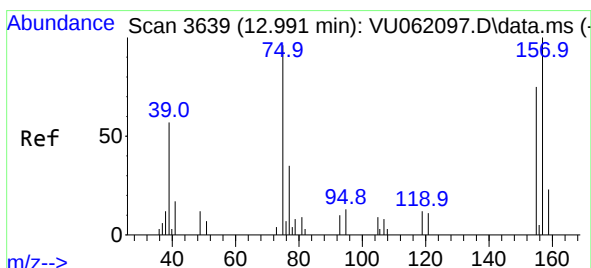
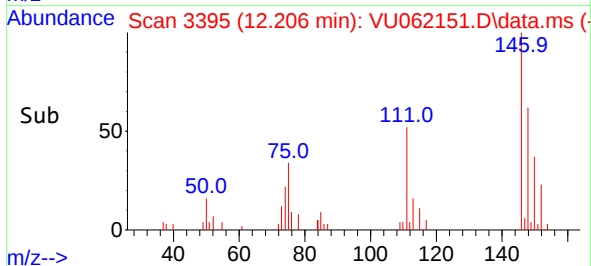
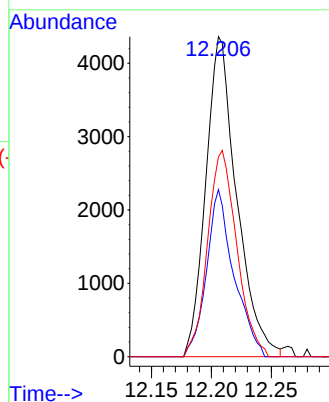
Tgt Ion:146 Resp: 7824

Ion Ratio Lower Upper

146 100

111 52.2 36.0 54.0

148 62.4 52.3 78.5



#68

1,2-Dibromo-3-chloropropane

Concen: 0.411 ug/L

RT: 12.997 min Scan# 3641

Delta R.T. 0.006 min

Lab File: VU062151.D

Acq: 09 Dec 2024 10:52

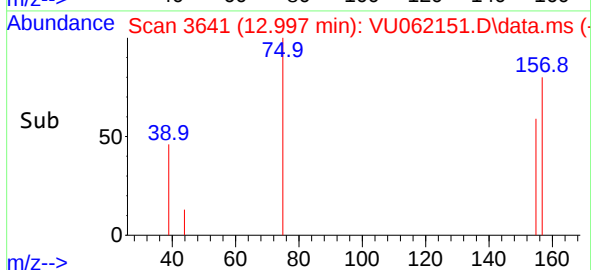
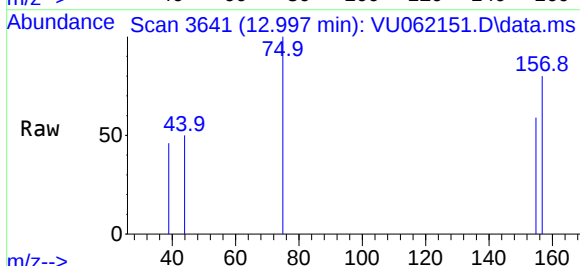
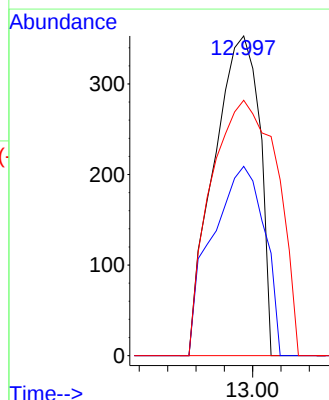
Tgt Ion: 75 Resp: 396

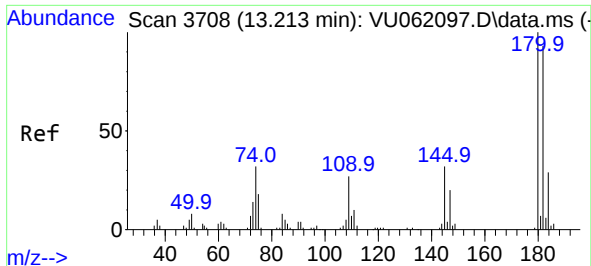
Ion Ratio Lower Upper

75 100

155 59.2 55.2 82.8

157 79.9 73.5 110.3





#69

1,3,5-Trichlorobenzene

Concen: 0.583 ug/L

RT: 13.215 min Scan# 31

Delta R.T. 0.003 min

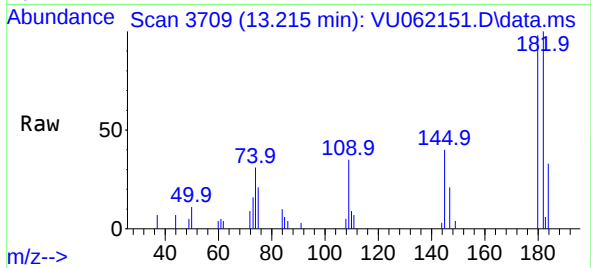
Lab File: VU062151.D

Acq: 09 Dec 2024 10:52

Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion:180 Resp: 5867

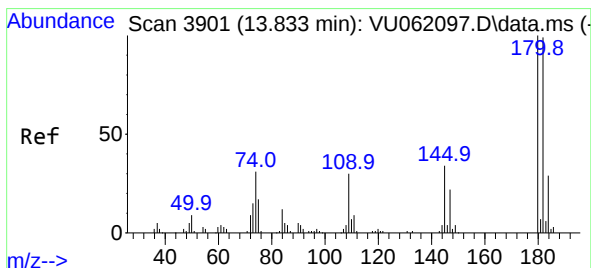
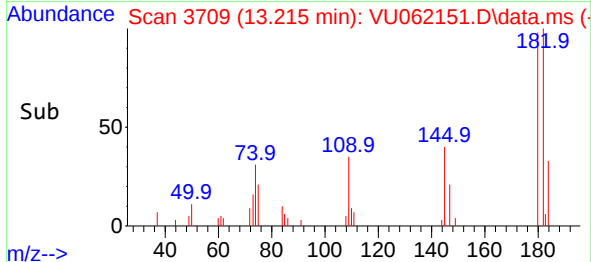
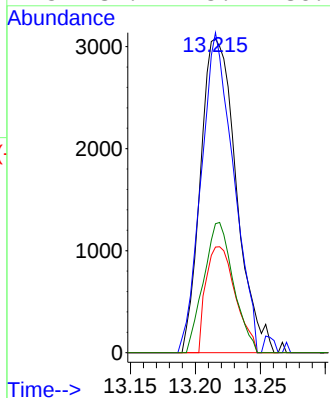
Ion Ratio Lower Upper

180 100

182 92.4 76.7 115.1

184 27.9 24.8 37.2

145 34.7 25.4 38.0



#70

1,2,4-trichlorobenzene

Concen: 0.645 ug/L

RT: 13.839 min Scan# 3903

Delta R.T. 0.006 min

Lab File: VU062151.D

Acq: 09 Dec 2024 10:52

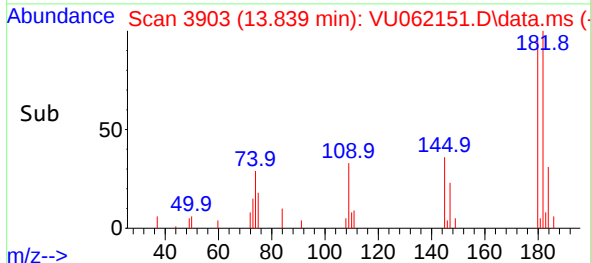
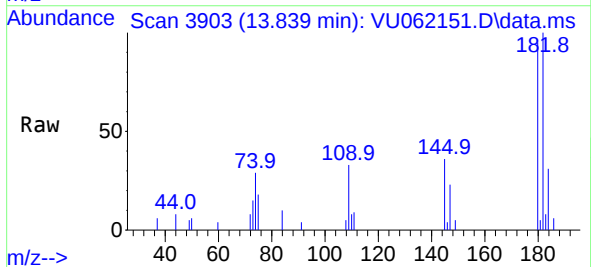
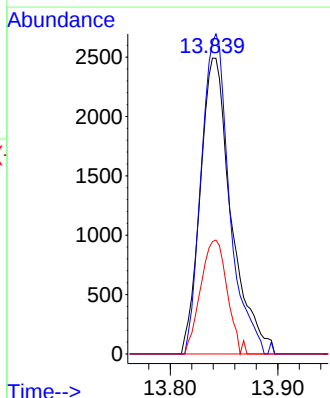
Tgt Ion:180 Resp: 4972

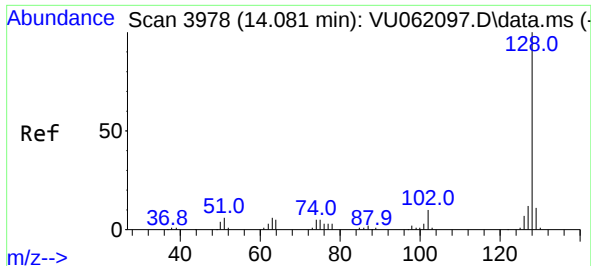
Ion Ratio Lower Upper

180 100

182 98.1 74.5 111.7

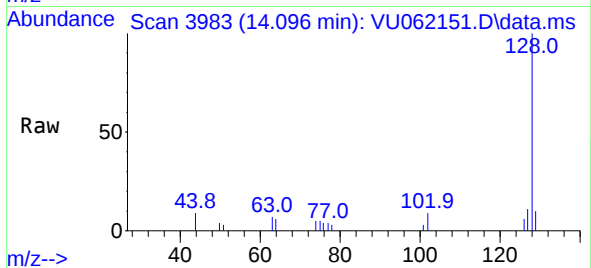
145 33.0 25.6 38.4



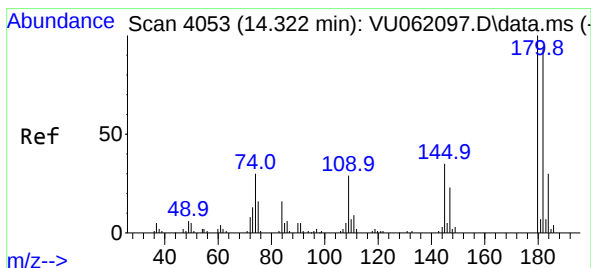
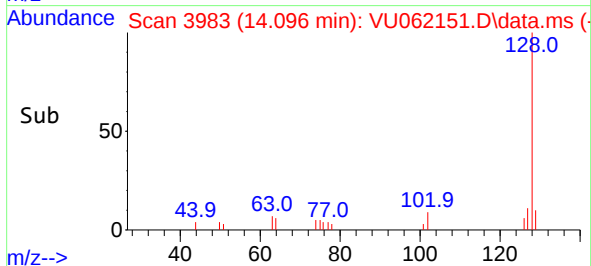
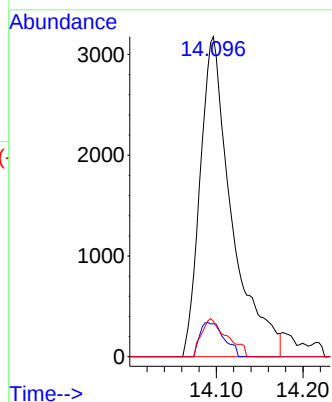


#71
Naphthalene
Concen: 0.646 ug/L
RT: 14.096 min Scan# 3978
Delta R.T. 0.016 min
Lab File: VU062151.D
Acq: 09 Dec 2024 10:52

Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion:128 Resp: 8023
Ion Ratio Lower Upper
128 100
129 8.2 8.5 12.7#
127 9.6 10.2 15.4#



#72
1,2,3-Trichlorobenzene
Concen: 0.712 ug/L
RT: 14.325 min Scan# 4054
Delta R.T. 0.003 min
Lab File: VU062151.D
Acq: 09 Dec 2024 10:52

Tgt Ion:180 Resp: 4725
Ion Ratio Lower Upper
180 100
182 89.9 76.1 114.1
145 29.8 27.4 41.0

