

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU111924\
 Data File : VU061851.D
 Acq On : 19 Nov 2024 13:49
 Operator : MD/SY
 Sample : VSTD005
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Nov 20 00:27:44 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR111924WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Nov 20 00:25:49 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	189165	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	231702	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	89518	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	42554	3.730	ug/L	0.00
7) Chloroethane-d5	1.911	69	43596	4.322	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.560	65	17915	3.515	ug/L	0.00
20) 2-Butanone-d5	4.624	46	127105	49.569	ug/L	0.00
24) Chloroform-d	5.052	84	110396	4.655	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.692	65	51555	4.568	ug/L	0.00
32) Benzene-d6	5.718	84	198300	3.358	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.682	67	81707	4.461	ug/L	0.00
41) Toluene-d8	7.891	98	214359	3.830	ug/L	0.00
43) trans-1,3-Dichloroprop...	8.174	79	30567	4.516	ug/L	0.00
46) 2-Hexanone-d5	8.627	63	111318	42.354	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.746	84	57979	4.096	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	12.187	152	72333	4.634	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.383	85	73972	5.282	ug/L	100
3) Chloromethane	1.518	50	63987	5.060	ug/L	100
5) Vinyl chloride	1.602	62	76671	5.397	ug/L	100
6) Bromomethane	1.853	94	47826	5.565	ug/L	100
8) Chloroethane	1.930	64	56593	5.635	ug/L	100
9) Trichlorofluoromethane	2.133	101	106575	5.140	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.573	101	65729	5.363	ug/L	100
12) 1,1-Dichloroethene	2.573	96	60327	5.273	ug/L	100
13) Acetone	2.641	43	81188	50.148	ug/L	100
14) Carbon disulfide	2.788	76	186189	5.095	ug/L	100
15) Methyl Acetate	2.952	43	22406	5.415	ug/L	100
16) Methylene chloride	3.039	84	68398	5.181	ug/L	100
17) Methyl tert-butyl Ether	3.354	73	141915	5.110	ug/L	100
18) trans-1,2-Dichloroethene	3.345	96	64412	5.164	ug/L	100
19) 1,1-Dichloroethane	3.859	63	119822	5.246	ug/L	100
21) 2-Butanone	4.705	43	141445	52.868	ug/L	100
22) cis-1,2-Dichloroethene	4.657	96	75791	5.338	ug/L	100
23) Bromochloromethane	4.965	128	34894	5.500	ug/L	100
25) Chloroform	5.078	83	130707	5.408	ug/L	100
27) 1,2-Dichloroethane	5.785	62	79122	5.240	ug/L	100
29) 1,1,1-Trichloroethane	5.306	97	110046	4.349	ug/L	100
30) Cyclohexane	5.377	56	109001	4.336	ug/L	100
31) Carbon tetrachloride	5.515	117	94419	4.381	ug/L	100
33) Benzene	5.766	78	294918	4.388	ug/L	100
34) Trichloroethene	6.538	95	101944	5.355	ug/L	100
35) Methylcyclohexane	6.756	83	156433	5.437	ug/L	100
37) 1,2-Dichloropropane	6.782	63	94997	5.299	ug/L	100
38) Bromodichloromethane	7.097	83	108439	5.111	ug/L	100
39) cis-1,3-Dichloropropene	7.602	75	129131	5.134	ug/L	100
40) 4-Methyl-2-pentanone	7.782	43	440444	51.950	ug/L	100
42) Toluene	7.962	91	439529	5.702	ug/L	100
44) trans-1,3-Dichloropropene	8.203	75	103320	5.180	ug/L	100

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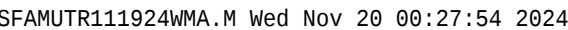
Quant Time: Nov 20 00:27:44 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR111924WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Nov 20 00:25:49 2024
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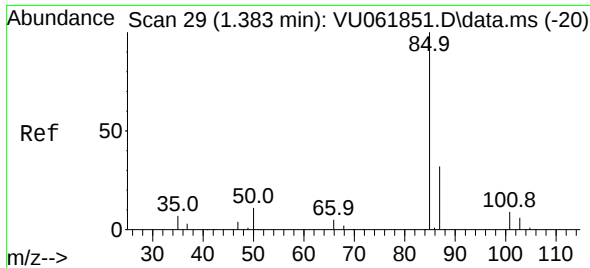
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

45) 1,1,2-Trichloroethane	8.393	97	76335	5.734	ug/L	100
47) Tetrachloroethene	8.544	164	77786	5.405	ug/L	100
48) 2-Hexanone	8.679	43	318804	52.619	ug/L	100
49) Dibromochloromethane	8.801	129	71086	5.237	ug/L	100
50) 1,2-Dibromoethane	8.917	107	69637	5.616	ug/L	100
51) Chlorobenzene	9.441	112	254621	5.223	ug/L	100
52) Ethylbenzene	9.563	91	431411	5.358	ug/L	100
53) m,p-Xylene	9.689	106	164232	5.339	ug/L	100
54) o-Xylene	10.094	106	129579	4.507	ug/L	100
55) Styrene	10.107	104	206955	4.539	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.775	83	65231	4.329	ug/L	100
59) Bromoform	10.283	173	30112	5.090	ug/L	100
60) Isopropylbenzene	10.476	105	337598	5.420	ug/L	100
61) 1,2,3-Trichloropropane	10.814	75	44684	5.293	ug/L	100
62) 1,3,5-Trimethylbenzene	11.081	105	266402	5.355	ug/L	100
63) 1,2,4-Trimethylbenzene	11.460	105	262617	5.419	ug/L	100
64) 1,3-Dichlorobenzene	11.740	146	154403	5.386	ug/L	100
65) 1,4-Dichlorobenzene	11.830	146	152513	5.245	ug/L	100
67) 1,2-Dichlorobenzene	12.206	146	141232	5.297	ug/L	100
68) 1,2-Dibromo-3-chloropr...	12.987	75	7957	5.387	ug/L	100
69) 1,3,5-Trichlorobenzene	13.212	180	107328	5.350	ug/L	100
70) 1,2,4-trichlorobenzene	13.833	180	83523	5.357	ug/L	100
71) Naphthalene	14.081	128	119032	5.304	ug/L	100
72) 1,2,3-Trichlorobenzene	14.322	180	70196	5.369	ug/L	100

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

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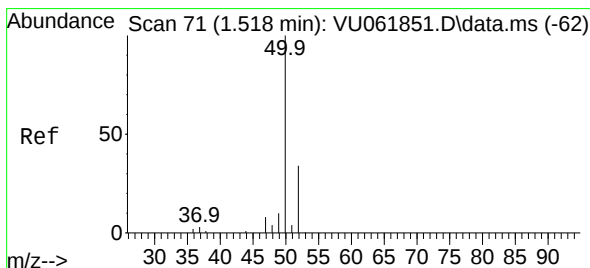
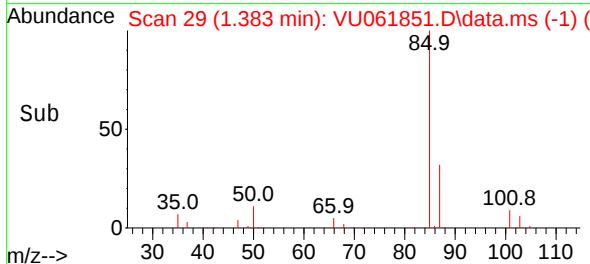
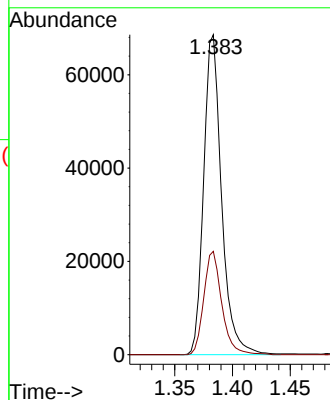
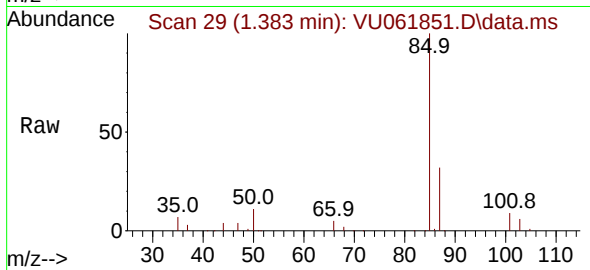




#2
 Dichlorodifluoromethane
 Concen: 5.282 ug/L
 RT: 1.383 min Scan# 29
 Delta R.T. 0.000 min
 Lab File: VU061851.D
 Acq: 19 Nov 2024 13:49

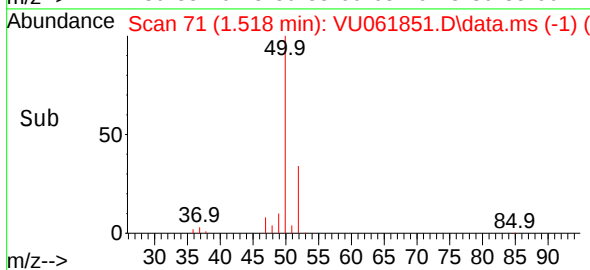
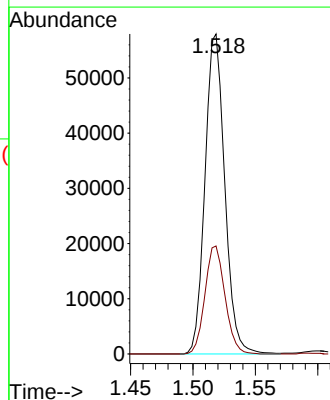
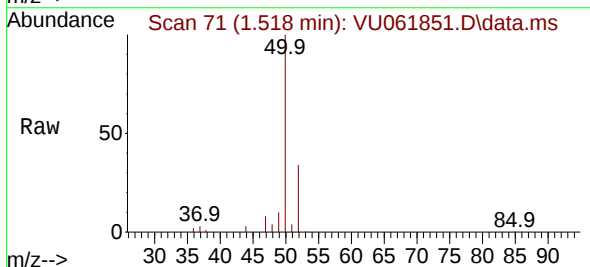
Instrument :
 MSVOA_U
 ClientSampleId :

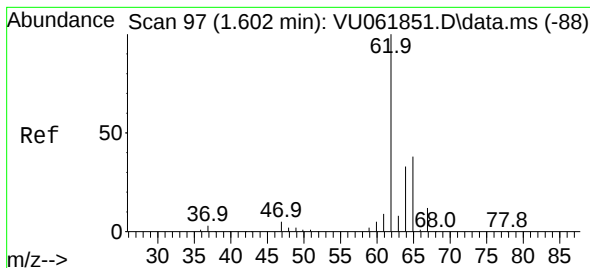
Tgt Ion: 85 Resp: 73972
 Ion Ratio Lower Upper
 85 100
 87 32.5 26.0 39.0



#3
 Chloromethane
 Concen: 5.060 ug/L
 RT: 1.518 min Scan# 71
 Delta R.T. 0.000 min
 Lab File: VU061851.D
 Acq: 19 Nov 2024 13:49

Tgt Ion: 50 Resp: 63987
 Ion Ratio Lower Upper
 50 100
 52 33.8 23.7 43.9





#5

Vinyl chloride

Concen: 5.397 ug/L

RT: 1.602 min Scan# 91

Delta R.T. 0.000 min

Lab File: VU061851.D

Acq: 19 Nov 2024 13:49

Instrument :

MSVOA_U

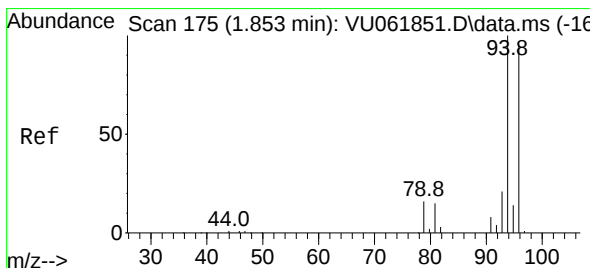
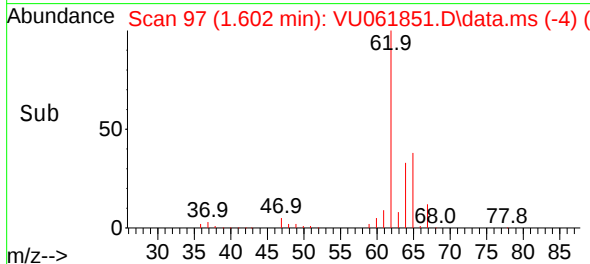
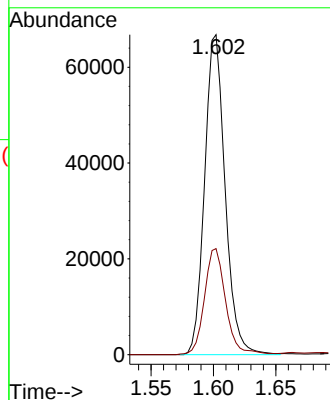
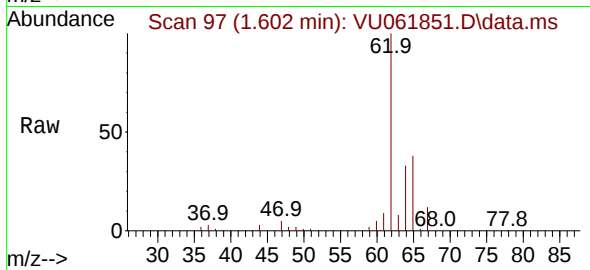
ClientSampleId :

Tgt Ion: 62 Resp: 76671

Ion Ratio Lower Upper

62 100

64 33.1 23.2 43.0



#6

Bromomethane

Concen: 5.565 ug/L

RT: 1.853 min Scan# 175

Delta R.T. 0.000 min

Lab File: VU061851.D

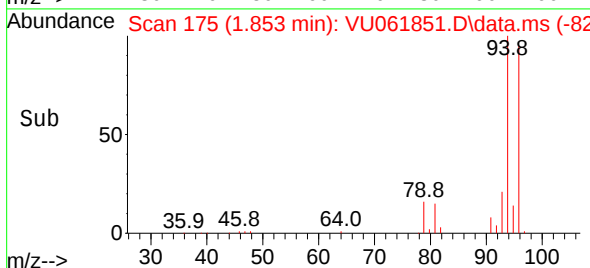
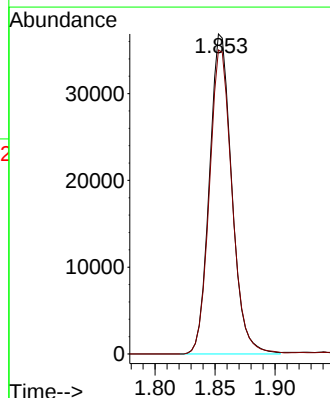
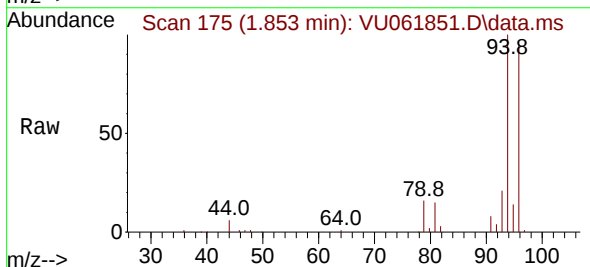
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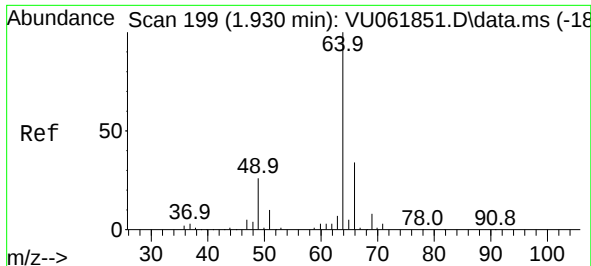
Tgt Ion: 94 Resp: 47826

Ion Ratio Lower Upper

94 100

96 95.0 66.5 123.5

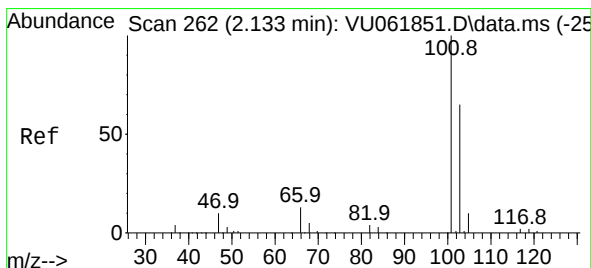
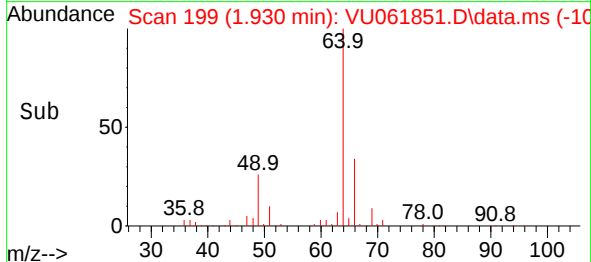
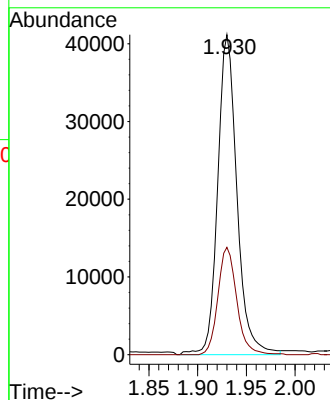
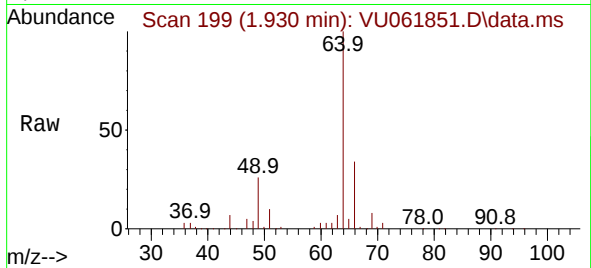




#8
Chloroethane
Concen: 5.635 ug/L
RT: 1.930 min Scan# 199
Delta R.T. 0.000 min
Lab File: VU061851.D
Acq: 19 Nov 2024 13:49

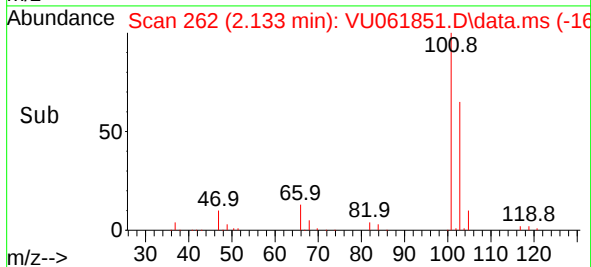
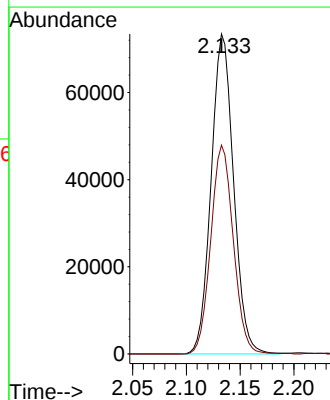
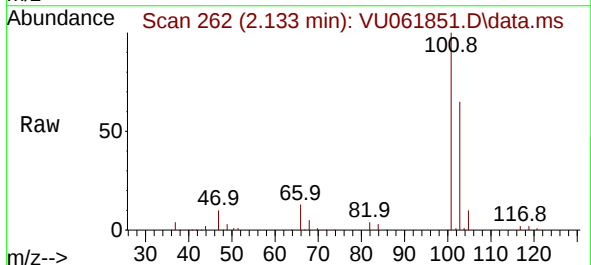
Instrument :
MSVOA_U
ClientSampleId :

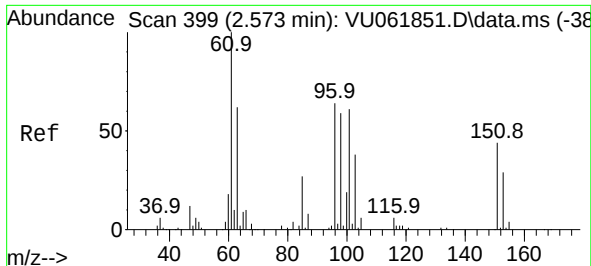
Tgt Ion: 64 Resp: 56593
Ion Ratio Lower Upper
64 100
66 33.5 23.4 43.6



#9
Trichlorofluoromethane
Concen: 5.140 ug/L
RT: 2.133 min Scan# 262
Delta R.T. 0.000 min
Lab File: VU061851.D
Acq: 19 Nov 2024 13:49

Tgt Ion:101 Resp: 106575
Ion Ratio Lower Upper
101 100
103 65.6 52.5 78.7

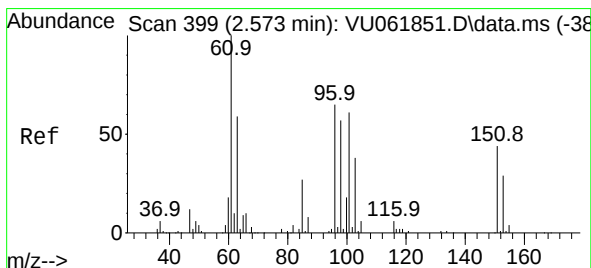
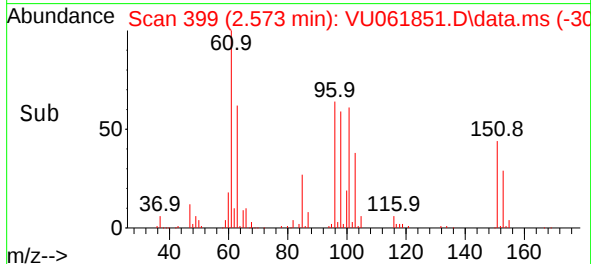
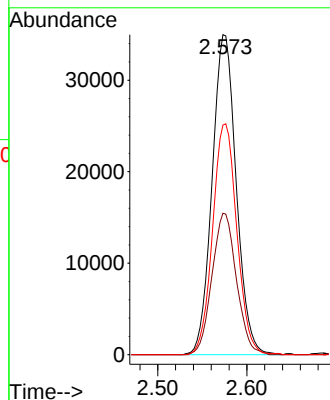
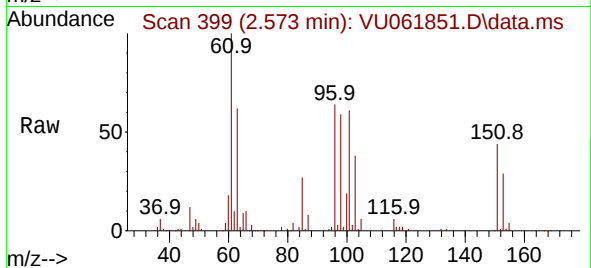




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 5.363 ug/L
RT: 2.573 min Scan# 399
Delta R.T. 0.000 min
Lab File: VU061851.D
Acq: 19 Nov 2024 13:49

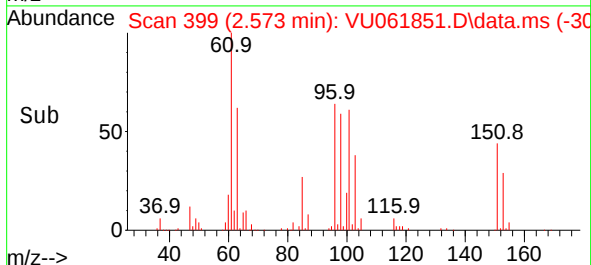
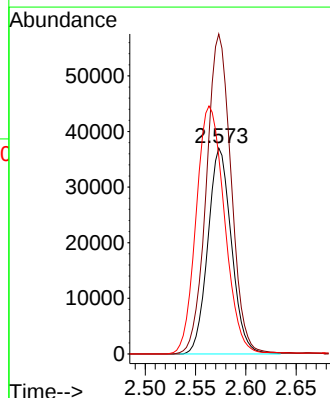
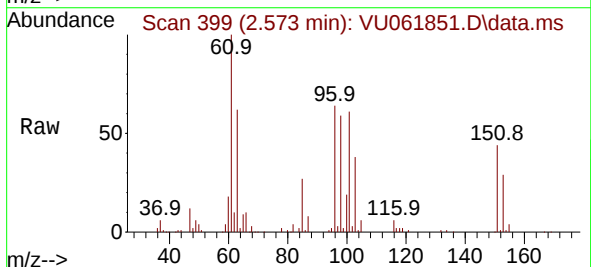
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ClientSampleId :

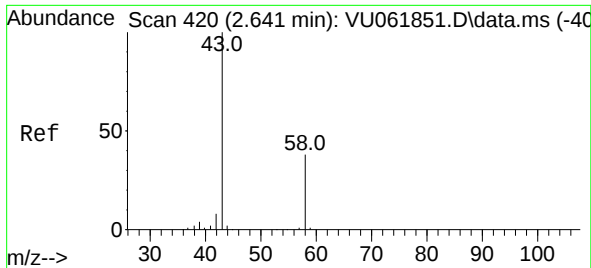
Tgt Ion:101 Resp: 65729
Ion Ratio Lower Upper
101 100
85 44.8 35.8 53.8
151 72.4 57.9 86.9



#12
1,1-Dichloroethene
Concen: 5.273 ug/L
RT: 2.573 min Scan# 399
Delta R.T. 0.000 min
Lab File: VU061851.D
Acq: 19 Nov 2024 13:49

Tgt Ion: 96 Resp: 60327
Ion Ratio Lower Upper
96 100
61 155.4 108.8 202.0
63 96.0 67.2 124.8





#13

Acetone

Concen: 50.148 ug/L

RT: 2.641 min Scan# 41

Delta R.T. 0.000 min

Lab File: VU061851.D

Acq: 19 Nov 2024 13:49

Instrument :

MSVOA_U

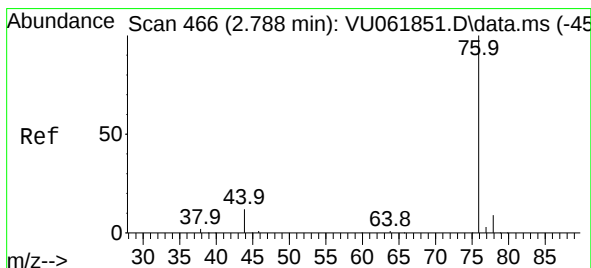
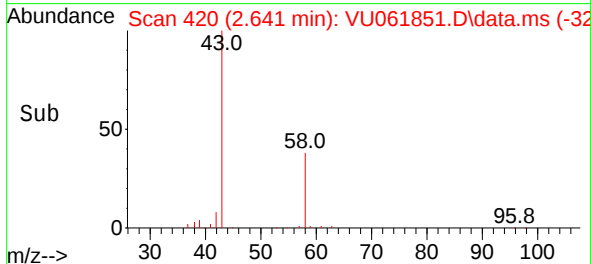
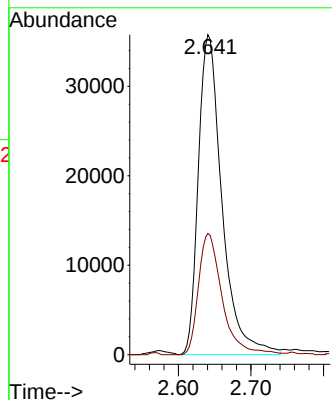
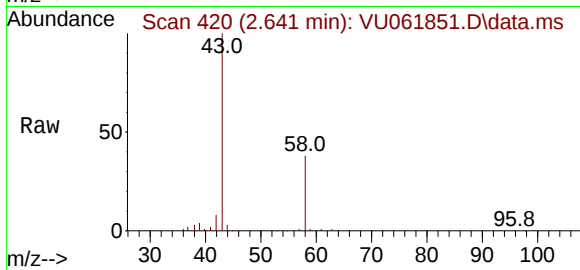
ClientSampleId :

Tgt Ion: 43 Resp: 81188

Ion Ratio Lower Upper

43 100

58 37.9 0.0 75.8



#14

Carbon disulfide

Concen: 5.095 ug/L

RT: 2.788 min Scan# 466

Delta R.T. 0.000 min

Lab File: VU061851.D

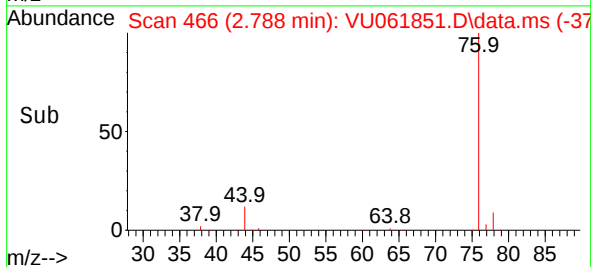
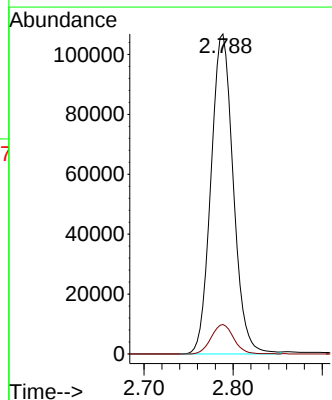
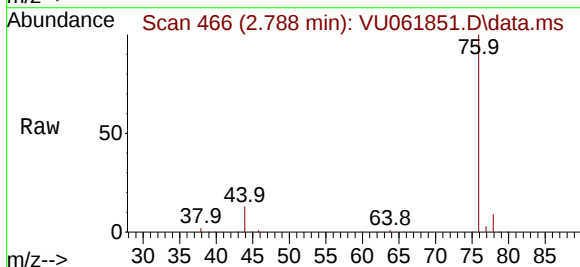
Acq: 19 Nov 2024 13:49

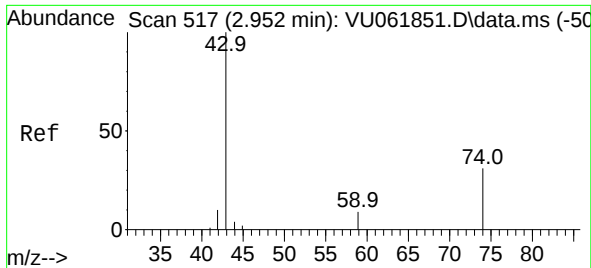
Tgt Ion: 76 Resp: 186189

Ion Ratio Lower Upper

76 100

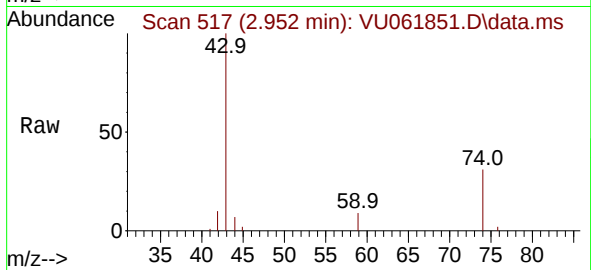
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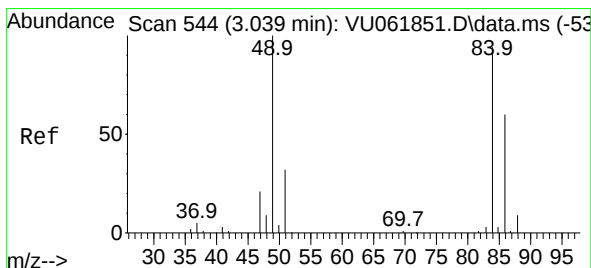
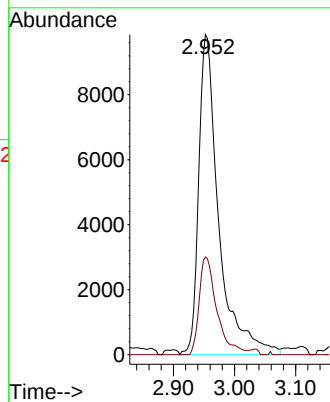
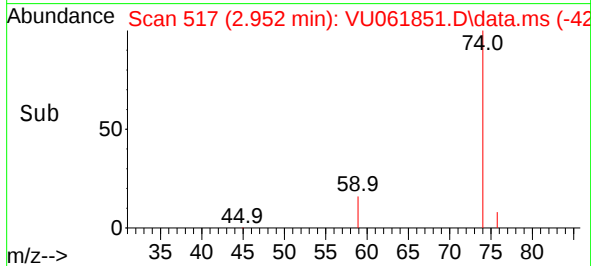


#15
Methyl Acetate
Concen: 5.415 ug/L
RT: 2.952 min Scan# 517
Delta R.T. 0.000 min
Lab File: VU061851.D
Acq: 19 Nov 2024 13:49

Instrument :
MSVOA_U
ClientSampleId :

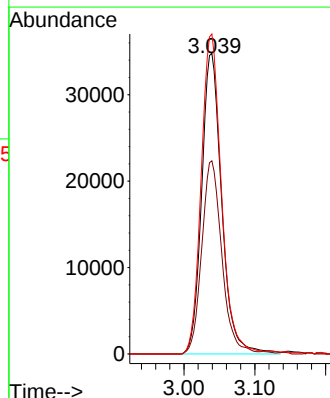
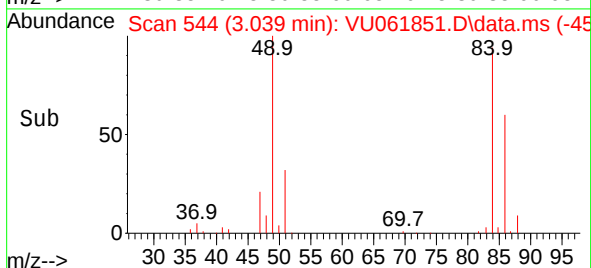
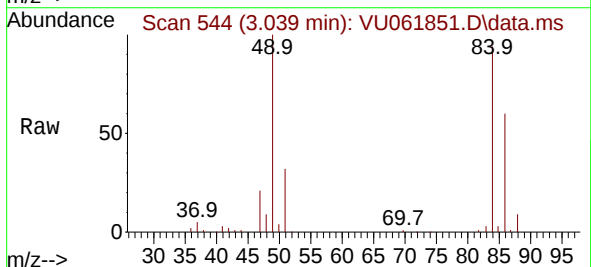


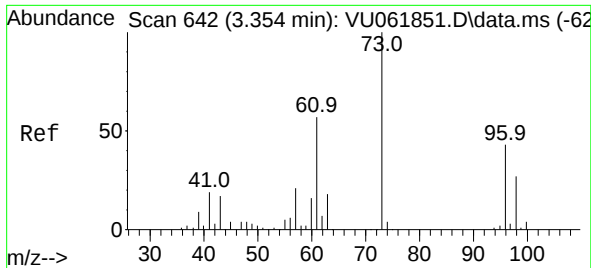
Tgt Ion: 43 Resp: 22406
Ion Ratio Lower Upper
43 100
74 26.9 21.5 32.3



#16
Methylene chloride
Concen: 5.181 ug/L
RT: 3.039 min Scan# 544
Delta R.T. 0.000 min
Lab File: VU061851.D
Acq: 19 Nov 2024 13:49

Tgt Ion: 84 Resp: 68398
Ion Ratio Lower Upper
84 100
86 64.3 45.0 83.6
49 106.5 74.5 138.5

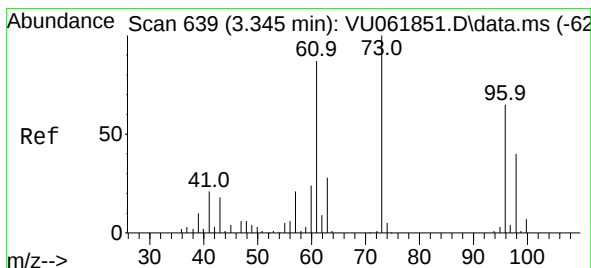
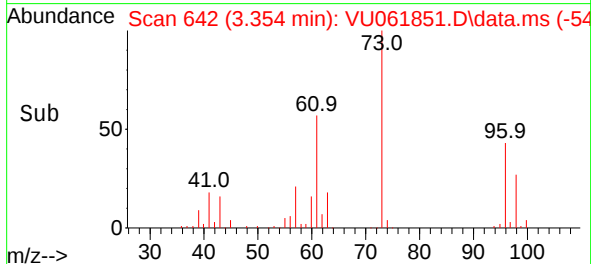
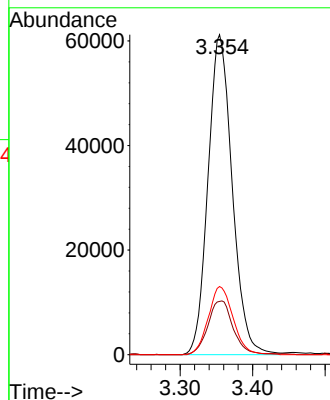
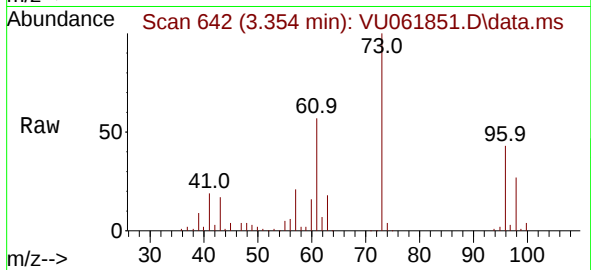




#17
Methyl tert-butyl Ether
Concen: 5.110 ug/L
RT: 3.354 min Scan# 642
Delta R.T. 0.000 min
Lab File: VU061851.D
Acq: 19 Nov 2024 13:49

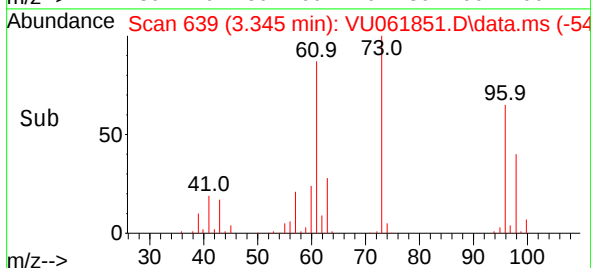
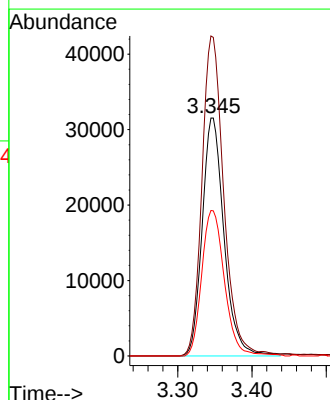
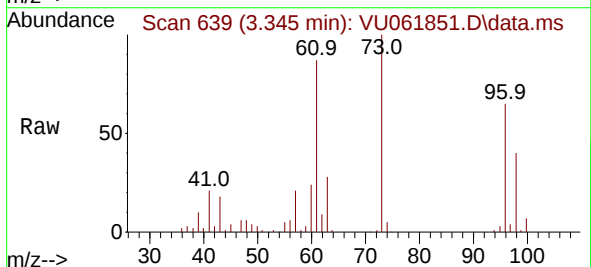
Instrument :
MSVOA_U
ClientSampleId :

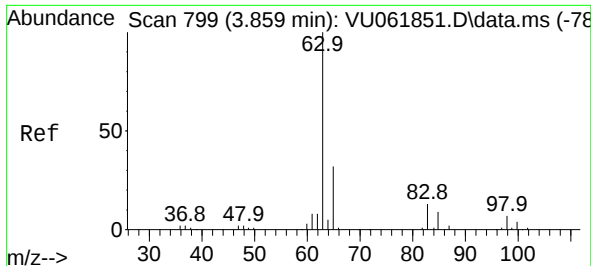
Tgt Ion: 73 Resp: 141915
Ion Ratio Lower Upper
73 100
43 17.8 14.2 21.4
57 21.8 17.4 26.2



#18
trans-1,2-Dichloroethene
Concen: 5.164 ug/L
RT: 3.345 min Scan# 639
Delta R.T. 0.000 min
Lab File: VU061851.D
Acq: 19 Nov 2024 13:49

Tgt Ion: 96 Resp: 64412
Ion Ratio Lower Upper
96 100
61 134.5 94.1 174.8
98 61.1 42.8 79.4

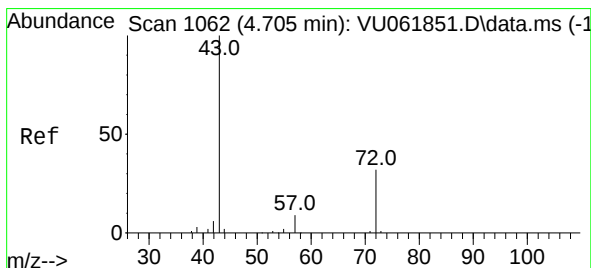
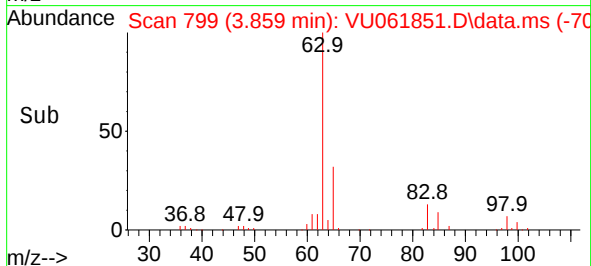
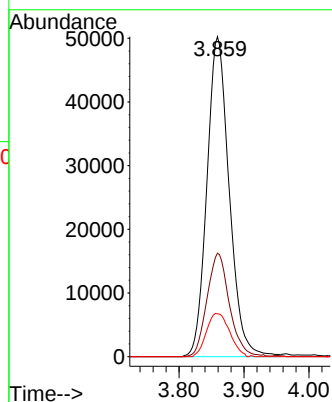
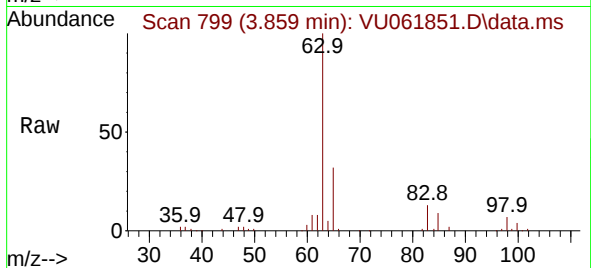




#19
1,1-Dichloroethane
Concen: 5.246 ug/L
RT: 3.859 min Scan# 799
Delta R.T. 0.000 min
Lab File: VU061851.D
Acq: 19 Nov 2024 13:49

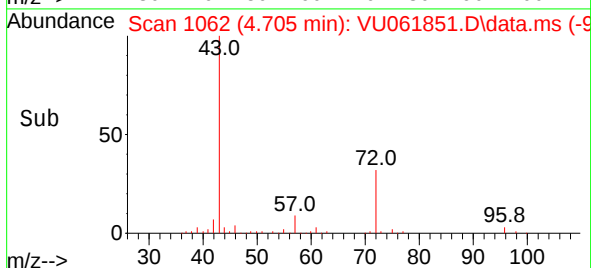
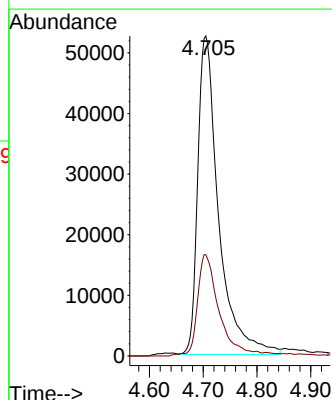
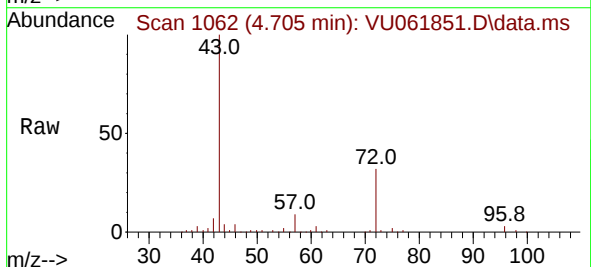
Instrument :
MSVOA_U
ClientSampleId :

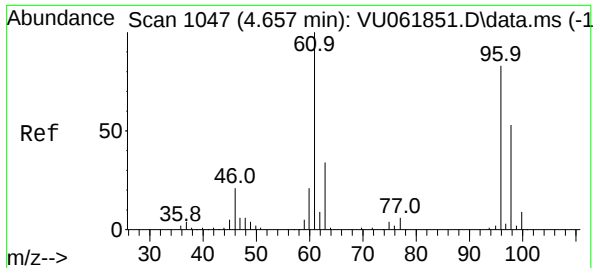
Tgt Ion: 63 Resp: 119822
Ion Ratio Lower Upper
63 100
65 32.3 22.6 42.0
83 13.4 9.4 17.4



#21
2-Butanone
Concen: 52.868 ug/L
RT: 4.705 min Scan# 1062
Delta R.T. 0.000 min
Lab File: VU061851.D
Acq: 19 Nov 2024 13:49

Tgt Ion: 43 Resp: 141445
Ion Ratio Lower Upper
43 100
72 32.2 16.1 48.3



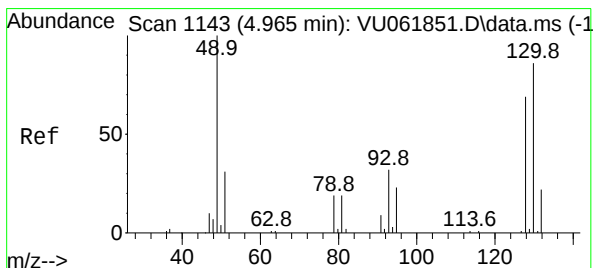
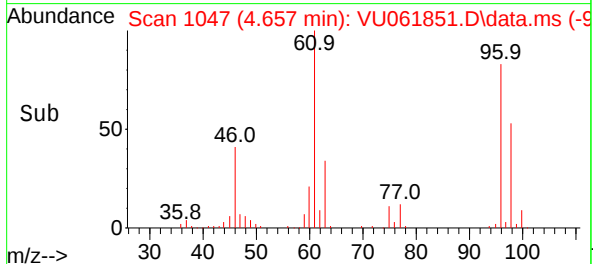
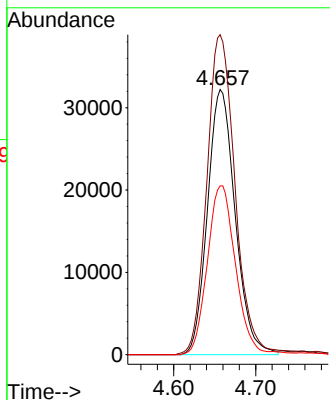
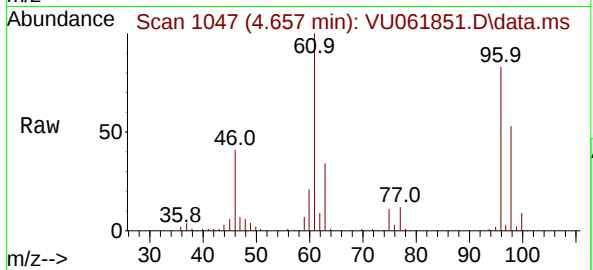


#22
 cis-1,2-Dichloroethene
 Concen: 5.338 ug/L
 RT: 4.657 min Scan# 1047
 Delta R.T. 0.000 min
 Lab File: VU061851.D
 Acq: 19 Nov 2024 13:49

Instrument :
 MSVOA_U
 ClientSampleId :

Tgt Ion: 96 Resp: 75791

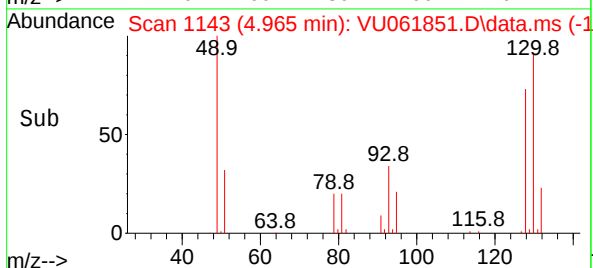
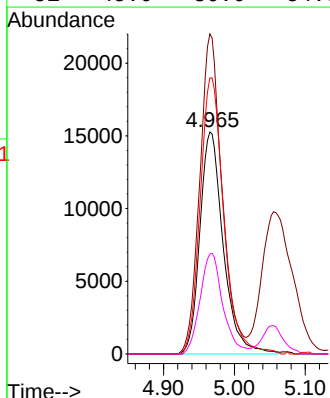
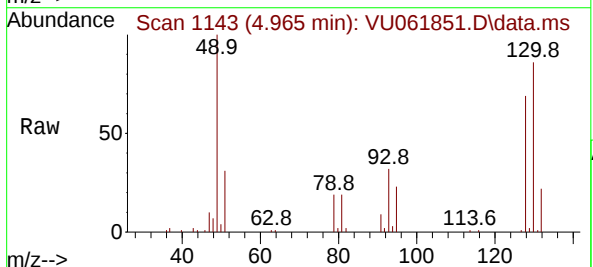
Ion	Ratio	Lower	Upper
96	100		
61	120.7	84.5	156.9
98	63.7	44.6	82.8

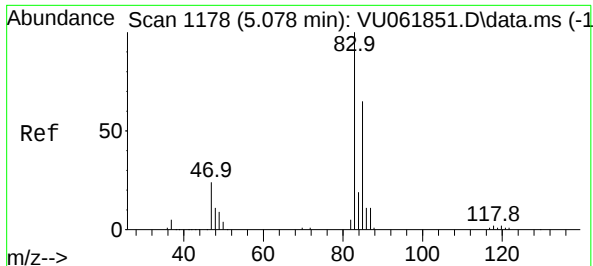


#23
 Bromochloromethane
 Concen: 5.500 ug/L
 RT: 4.965 min Scan# 1143
 Delta R.T. 0.000 min
 Lab File: VU061851.D
 Acq: 19 Nov 2024 13:49

Tgt Ion: 128 Resp: 34894

Ion	Ratio	Lower	Upper
128	100		
49	144.2	100.9	187.5
130	124.3	87.0	161.6
51	45.0	36.0	54.0

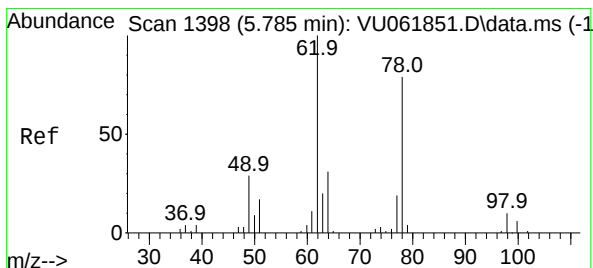
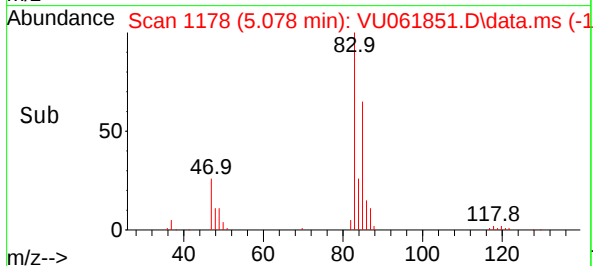
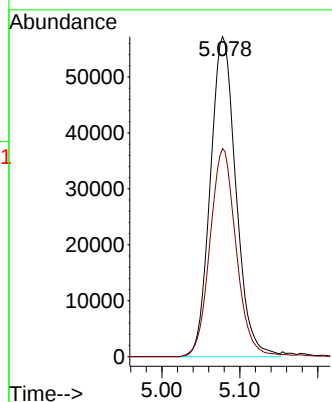
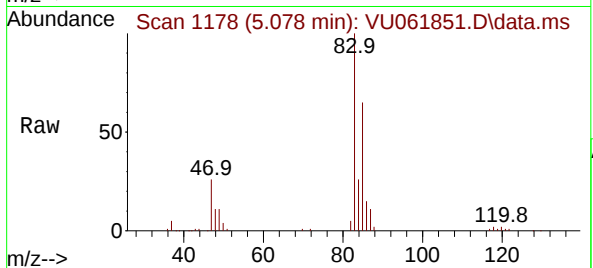




#25
Chloroform
Concen: 5.408 ug/L
RT: 5.078 min Scan# 1178
Delta R.T. 0.000 min
Lab File: VU061851.D
Acq: 19 Nov 2024 13:49

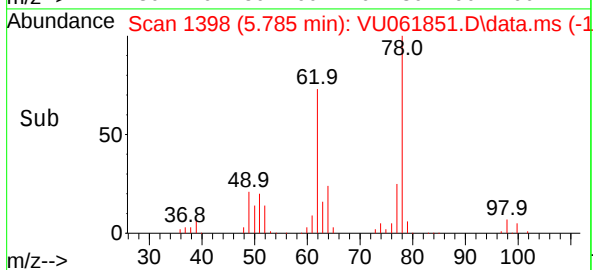
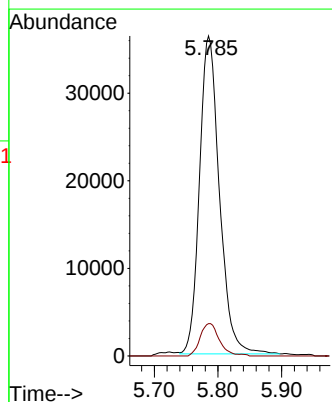
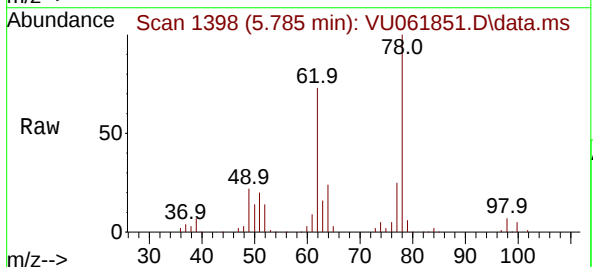
Instrument :
MSVOA_U
ClientSampleId :

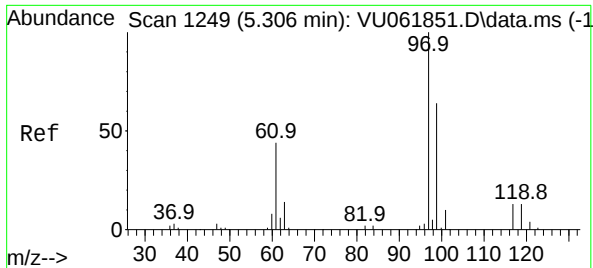
Tgt Ion: 83 Resp: 130707
Ion Ratio Lower Upper
83 100
85 65.0 45.5 84.5



#27
1,2-Dichloroethane
Concen: 5.240 ug/L
RT: 5.785 min Scan# 1398
Delta R.T. 0.000 min
Lab File: VU061851.D
Acq: 19 Nov 2024 13:49

Tgt Ion: 62 Resp: 79122
Ion Ratio Lower Upper
62 100
98 10.1 8.1 12.1

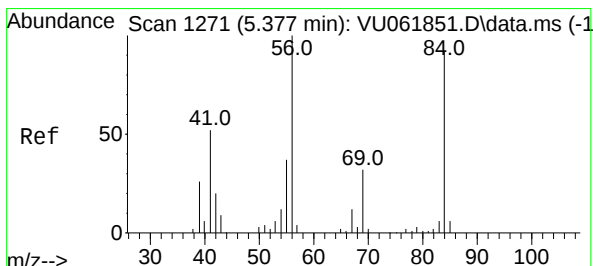
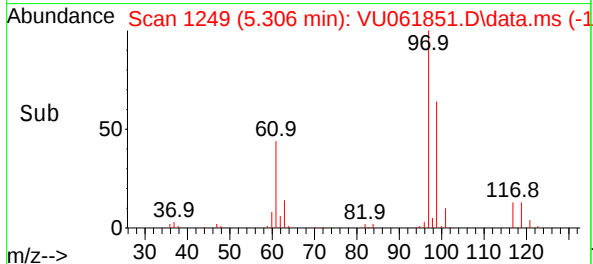
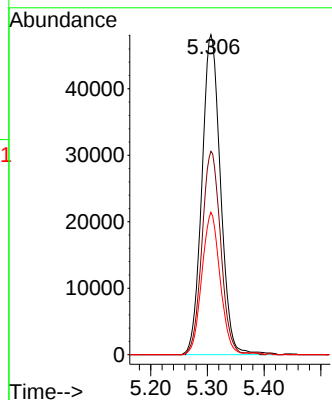
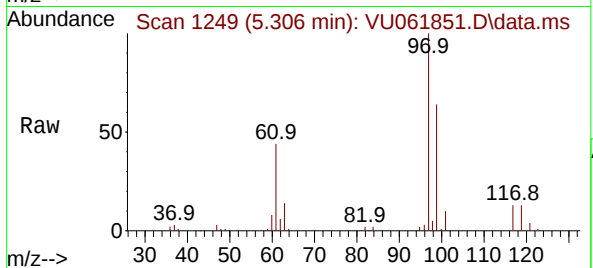




#29
1,1,1-Trichloroethane
Concen: 4.349 ug/L
RT: 5.306 min Scan# 1249
Delta R.T. 0.000 min
Lab File: VU061851.D
Acq: 19 Nov 2024 13:49

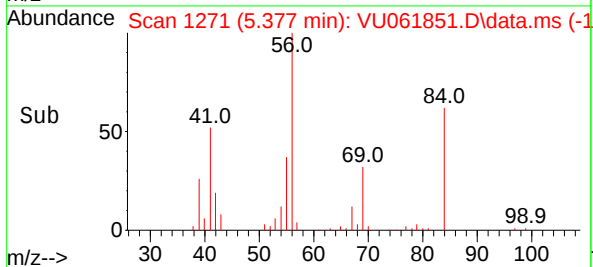
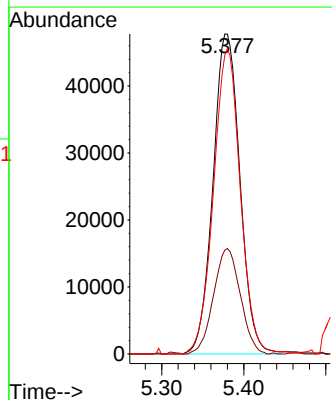
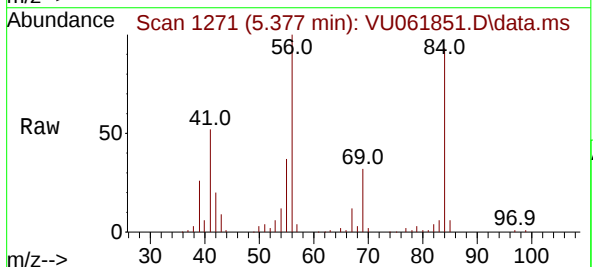
Instrument :
MSVOA_U
ClientSampleId :

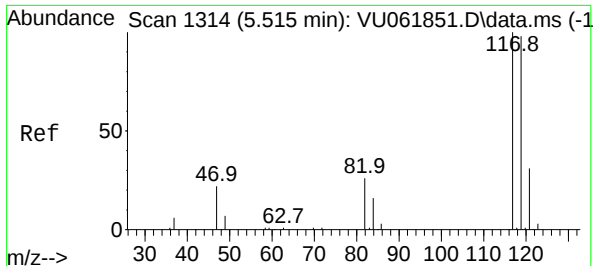
Tgt Ion: 97 Resp: 110046
Ion Ratio Lower Upper
97 100
99 63.7 51.0 76.4
61 43.5 34.8 52.2



#30
Cyclohexane
Concen: 4.336 ug/L
RT: 5.377 min Scan# 1271
Delta R.T. 0.000 min
Lab File: VU061851.D
Acq: 19 Nov 2024 13:49

Tgt Ion: 56 Resp: 109001
Ion Ratio Lower Upper
56 100
69 32.8 26.2 39.4
84 95.0 76.0 114.0

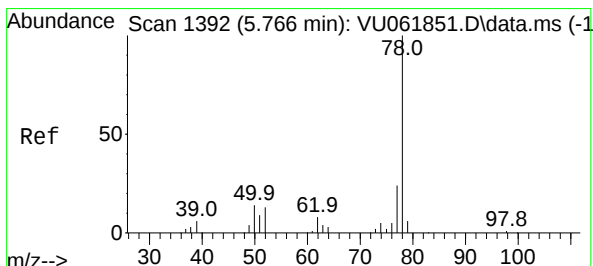
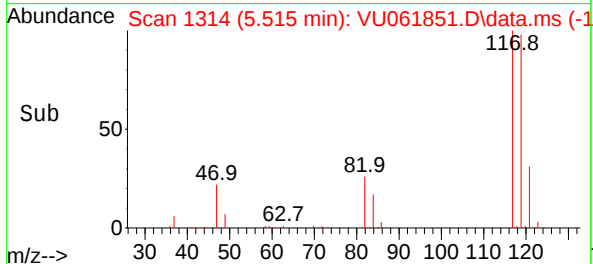
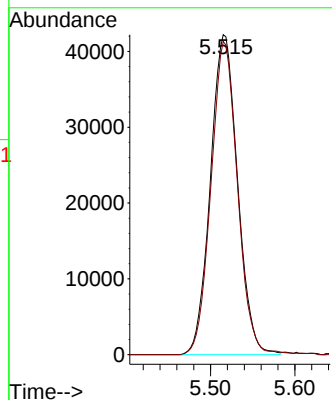
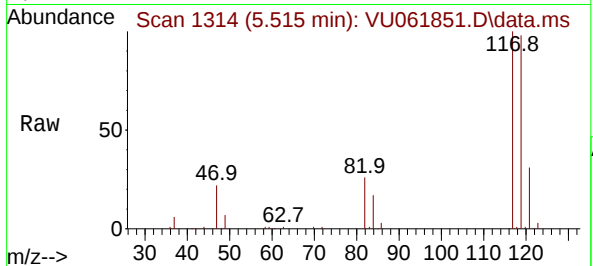




#31
Carbon tetrachloride
Concen: 4.381 ug/L
RT: 5.515 min Scan# 1314
Delta R.T. 0.000 min
Lab File: VU061851.D
Acq: 19 Nov 2024 13:49

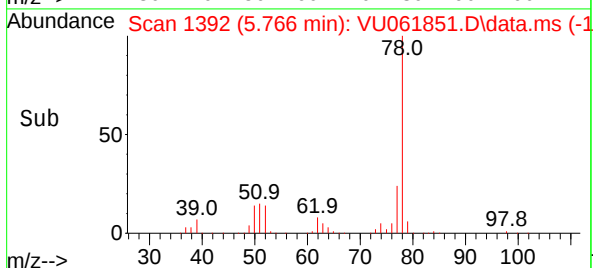
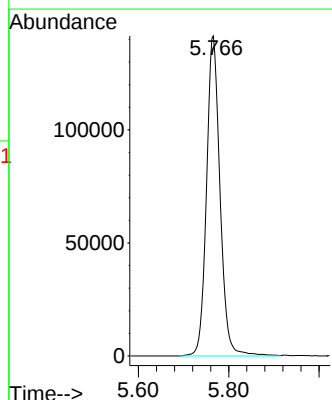
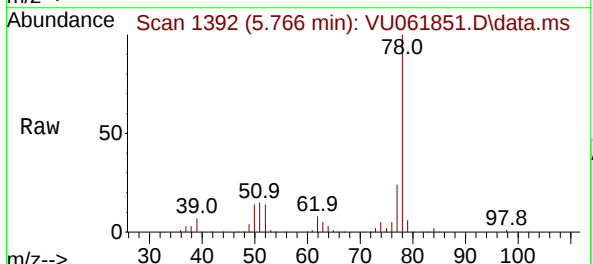
Instrument :
MSVOA_U
ClientSampleId :

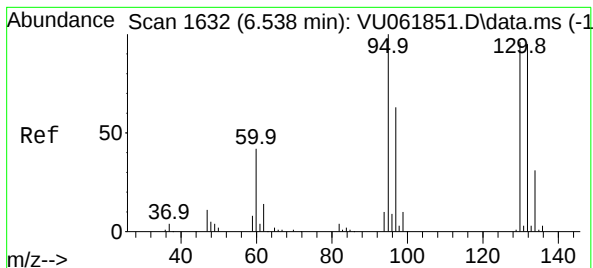
Tgt Ion:117 Resp: 94419
Ion Ratio Lower Upper
117 100
119 95.6 76.5 114.7



#33
Benzene
Concen: 4.388 ug/L
RT: 5.766 min Scan# 1392
Delta R.T. 0.000 min
Lab File: VU061851.D
Acq: 19 Nov 2024 13:49

Tgt Ion: 78 Resp: 294918





#34

Trichloroethene

Concen: 5.355 ug/L

RT: 6.538 min Scan# 1

Delta R.T. 0.000 min

Lab File: VU061851.D

Acq: 19 Nov 2024 13:49

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion: 95 Resp: 101944

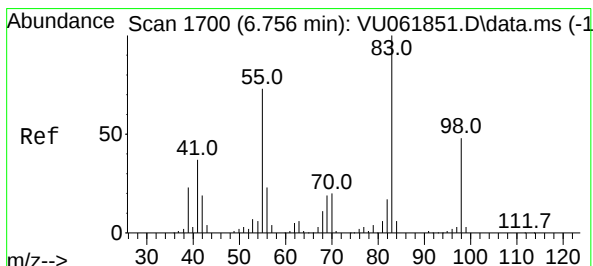
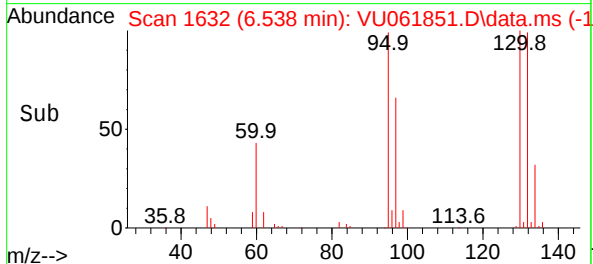
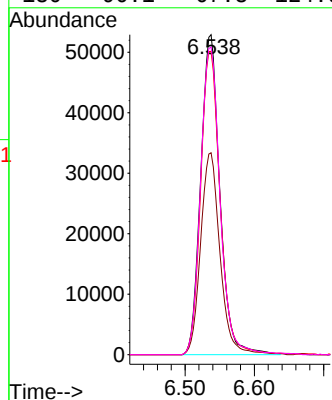
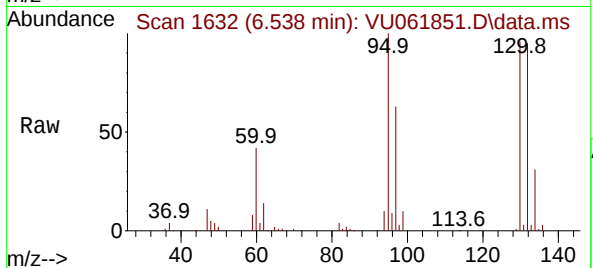
Ion Ratio Lower Upper

95 100

97 63.1 44.2 82.0

132 94.8 66.4 123.2

130 96.1 67.3 124.9



#35

Methylcyclohexane

Concen: 5.437 ug/L

RT: 6.756 min Scan# 1700

Delta R.T. 0.000 min

Lab File: VU061851.D

Acq: 19 Nov 2024 13:49

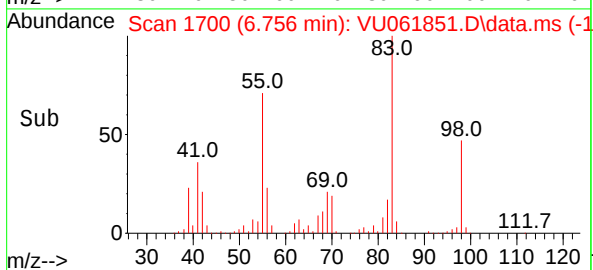
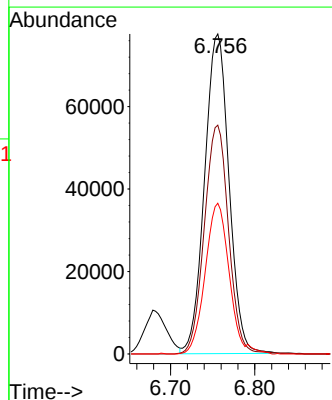
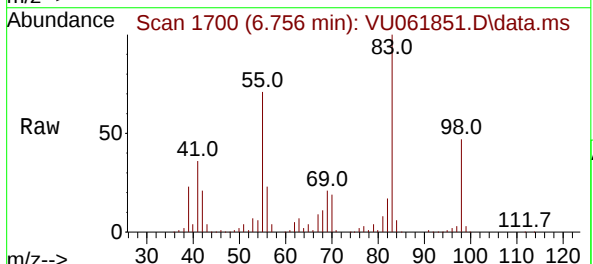
Tgt Ion: 83 Resp: 156433

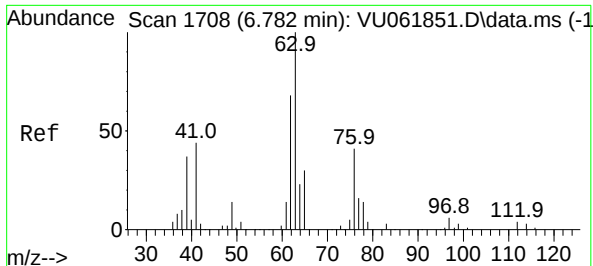
Ion Ratio Lower Upper

83 100

55 71.1 56.9 85.3

98 46.5 37.2 55.8

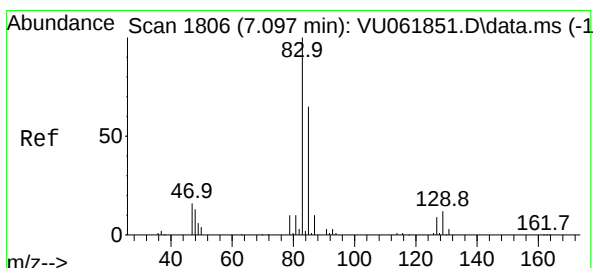
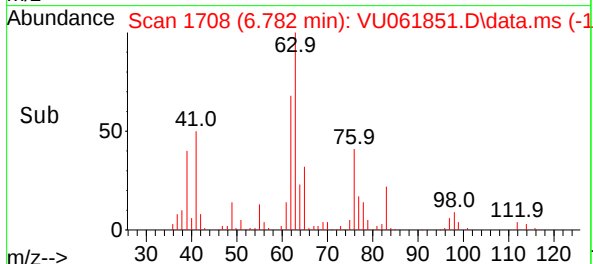
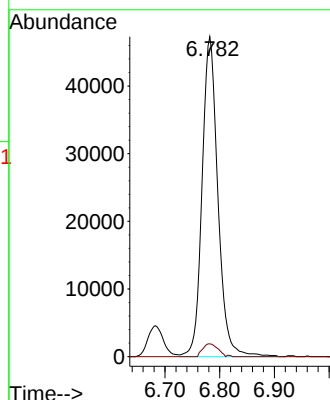
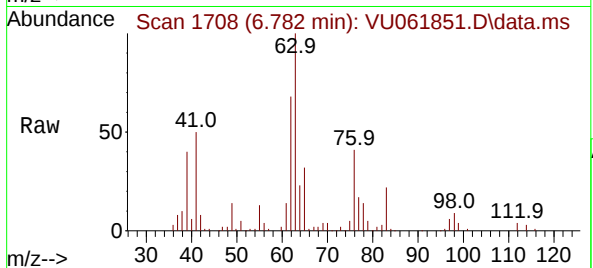




#37
1,2-Dichloropropane
Concen: 5.299 ug/L
RT: 6.782 min Scan# 1708
Delta R.T. 0.000 min
Lab File: VU061851.D
Acq: 19 Nov 2024 13:49

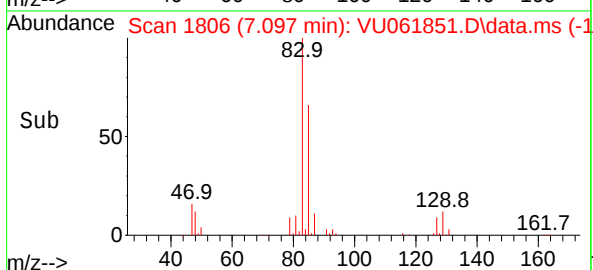
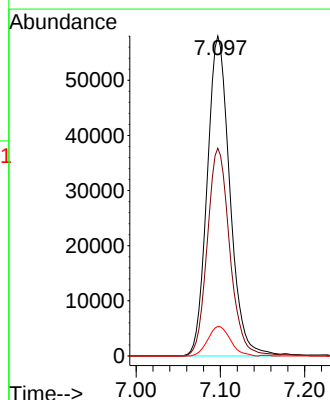
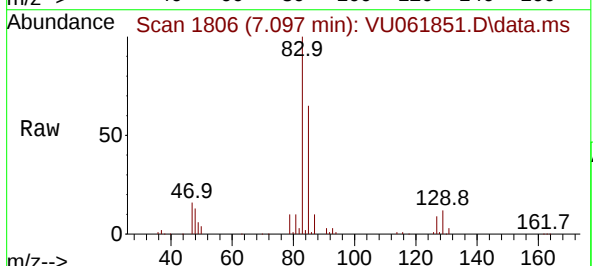
Instrument :
MSVOA_U
ClientSampleId :

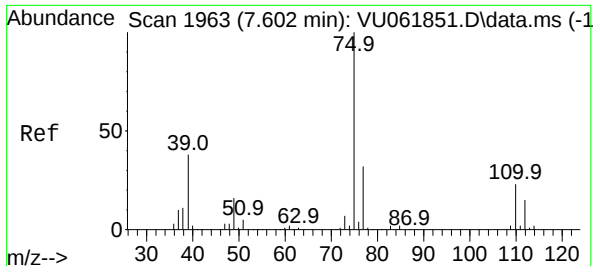
Tgt Ion: 63 Resp: 94997
Ion Ratio Lower Upper
63 100
112 3.8 3.0 4.6



#38
Bromodichloromethane
Concen: 5.111 ug/L
RT: 7.097 min Scan# 1806
Delta R.T. 0.000 min
Lab File: VU061851.D
Acq: 19 Nov 2024 13:49

Tgt Ion: 83 Resp: 108439
Ion Ratio Lower Upper
83 100
85 64.9 45.4 84.4
127 9.2 7.4 11.0

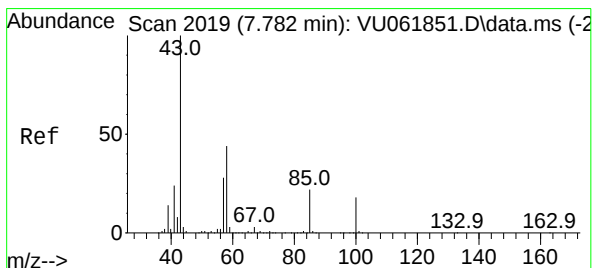
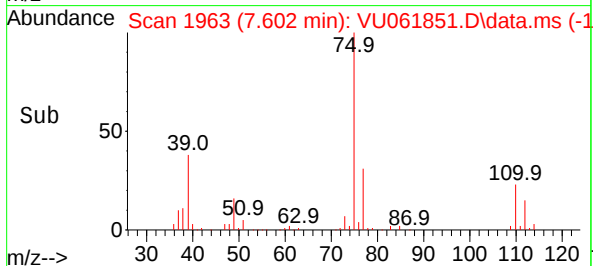
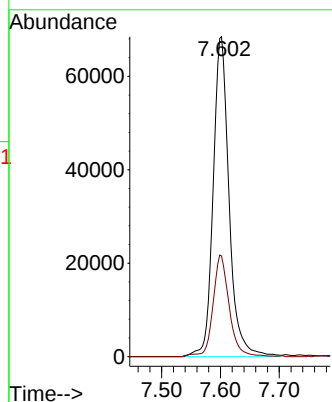
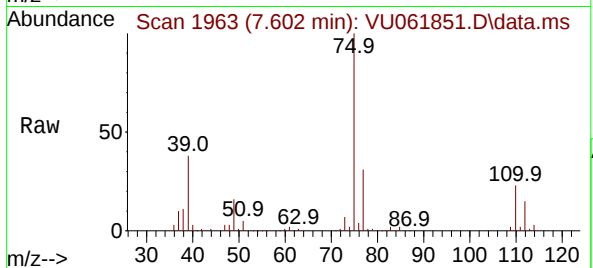




#39
 cis-1,3-Dichloropropene
 Concen: 5.134 ug/L
 RT: 7.602 min Scan# 1963
 Delta R.T. 0.000 min
 Lab File: VU061851.D
 Acq: 19 Nov 2024 13:49

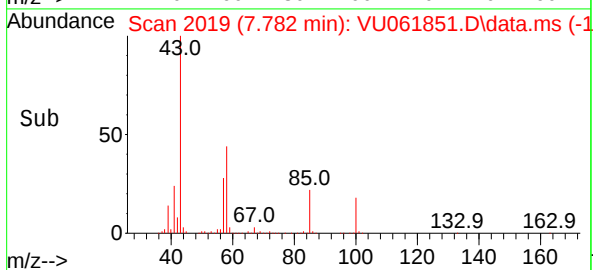
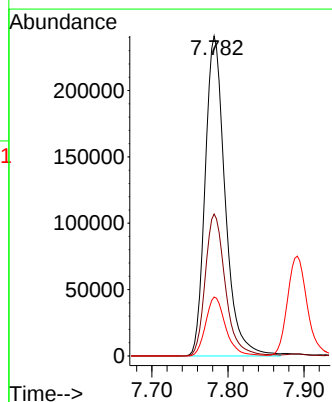
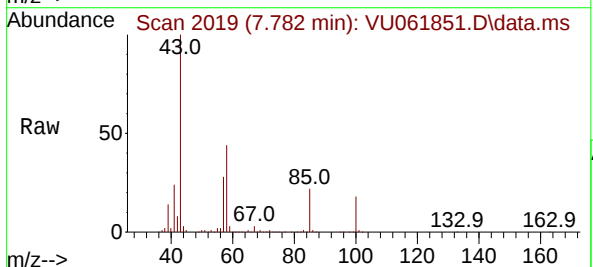
Instrument :
 MSVOA_U
 ClientSampleId :

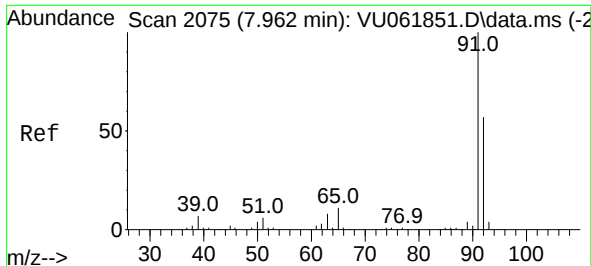
Tgt Ion: 75 Resp: 129131
 Ion Ratio Lower Upper
 75 100
 77 31.5 22.0 41.0



#40
 4-Methyl-2-pentanone
 Concen: 51.950 ug/L
 RT: 7.782 min Scan# 2019
 Delta R.T. 0.000 min
 Lab File: VU061851.D
 Acq: 19 Nov 2024 13:49

Tgt Ion: 43 Resp: 440444
 Ion Ratio Lower Upper
 43 100
 58 44.7 35.8 53.6
 100 18.4 14.7 22.1





#42

Toluene

Concen: 5.702 ug/L

RT: 7.962 min Scan# 2075

Delta R.T. 0.000 min

Lab File: VU061851.D

Acq: 19 Nov 2024 13:49

Instrument :

MSVOA_U

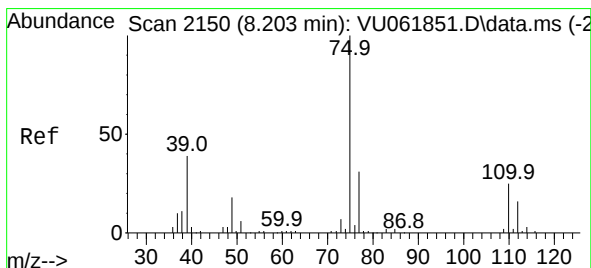
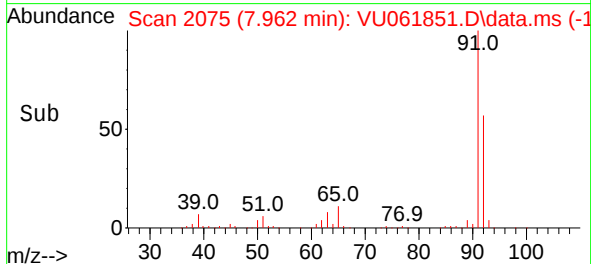
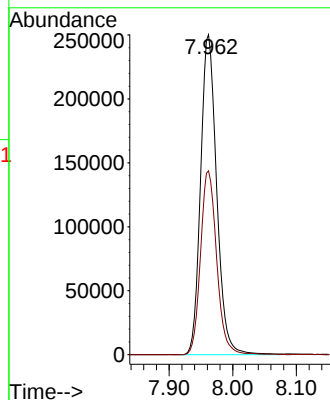
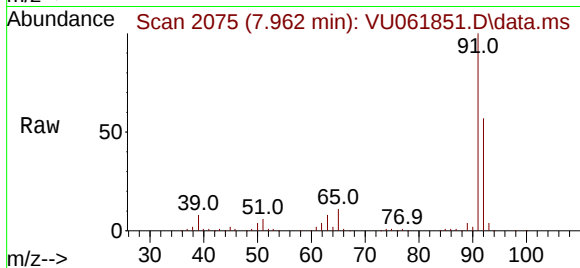
ClientSampleId :

Tgt Ion: 91 Resp: 439529

Ion Ratio Lower Upper

91 100

92 57.5 40.3 74.8



#44

trans-1,3-Dichloropropene

Concen: 5.180 ug/L

RT: 8.203 min Scan# 2150

Delta R.T. 0.000 min

Lab File: VU061851.D

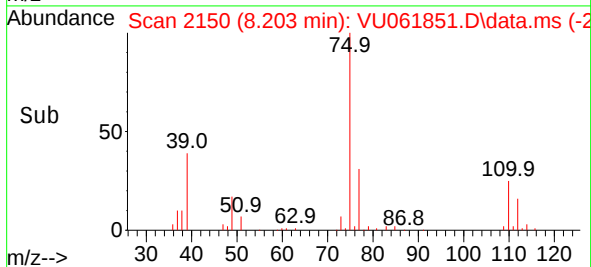
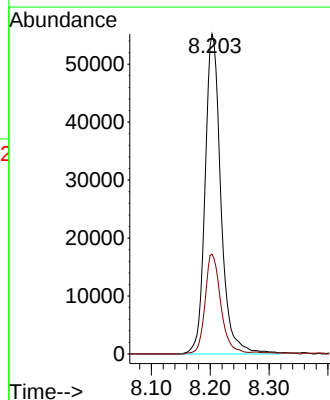
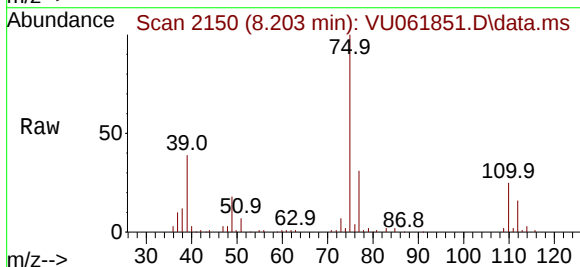
Acq: 19 Nov 2024 13:49

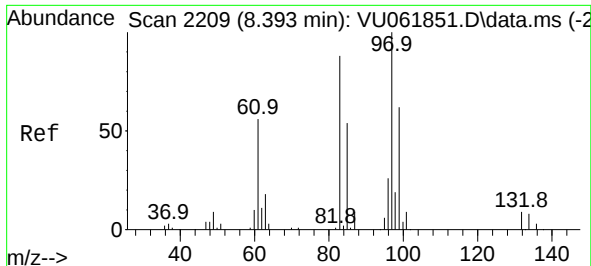
Tgt Ion: 75 Resp: 103320

Ion Ratio Lower Upper

75 100

77 31.2 21.8 40.6

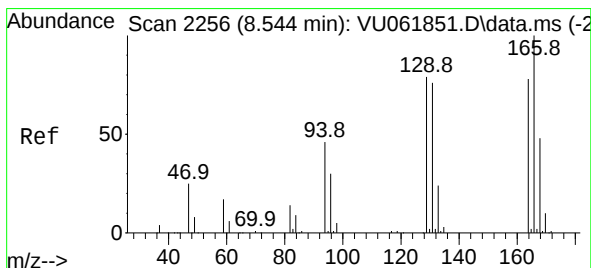
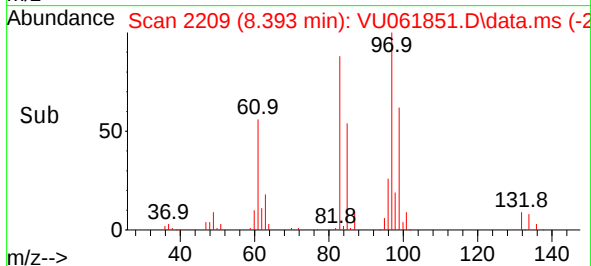
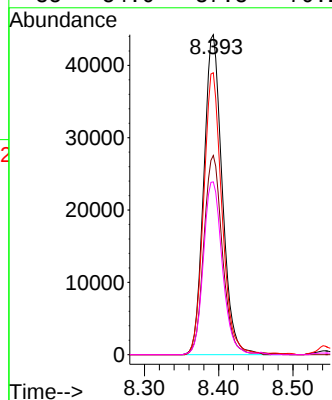
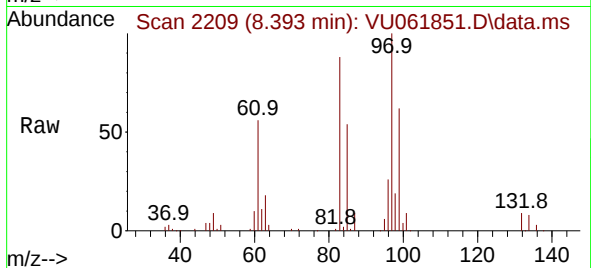




#45
1,1,2-Trichloroethane
Concen: 5.734 ug/L
RT: 8.393 min Scan# 2209
Delta R.T. 0.000 min
Lab File: VU061851.D
Acq: 19 Nov 2024 13:49

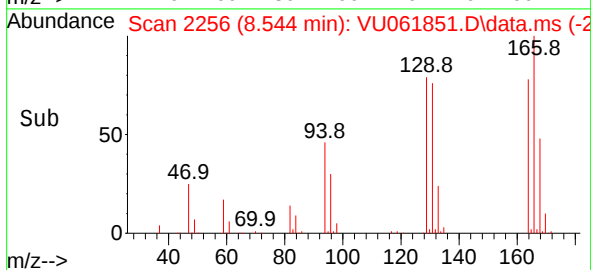
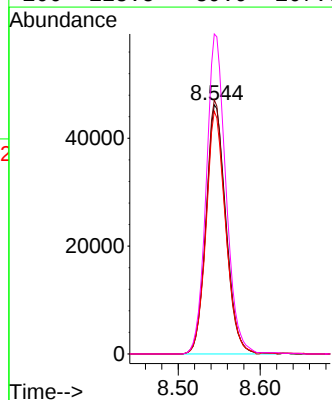
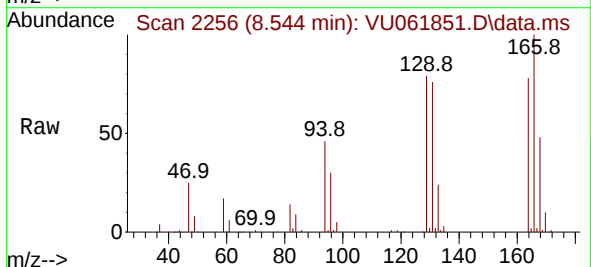
Instrument :
MSVOA_U
ClientSampleId :

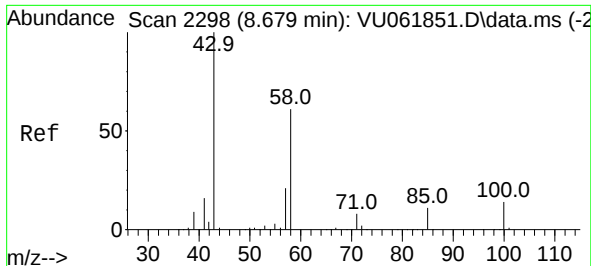
Tgt Ion:	97	Resp:	76335
Ion	Ratio	Lower	Upper
97	100		
99	62.3	43.6	81.0
83	88.1	61.7	114.5
85	54.0	37.8	70.2



#47
Tetrachloroethene
Concen: 5.405 ug/L
RT: 8.544 min Scan# 2256
Delta R.T. 0.000 min
Lab File: VU061851.D
Acq: 19 Nov 2024 13:49

Tgt Ion:	164	Resp:	77786
Ion	Ratio	Lower	Upper
164	100		
129	102.0	71.4	132.6
131	97.4	68.2	126.6
166	128.5	89.9	167.0





#48

2-Hexanone

Concen: 52.619 ug/L

RT: 8.679 min Scan# 2298

Delta R.T. 0.000 min

Lab File: VU061851.D

Acq: 19 Nov 2024 13:49

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion: 43 Resp: 318804

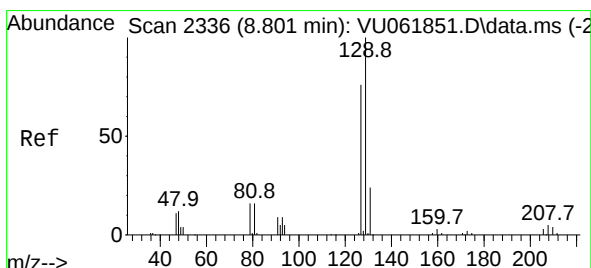
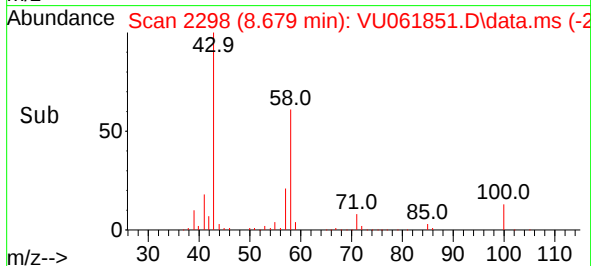
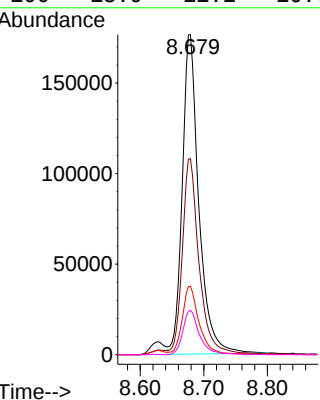
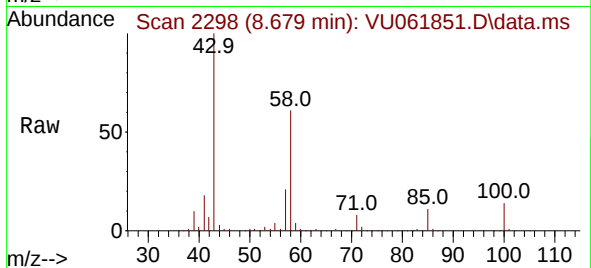
Ion Ratio Lower Upper

43 100

58 62.0 49.6 74.4

57 22.0 17.6 26.4

100 13.9 11.1 16.7



#49

Dibromochloromethane

Concen: 5.237 ug/L

RT: 8.801 min Scan# 2336

Delta R.T. 0.000 min

Lab File: VU061851.D

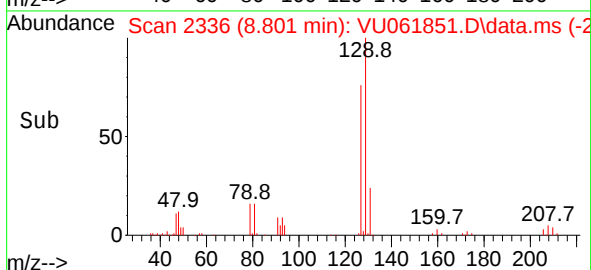
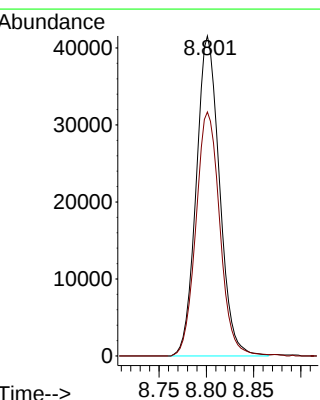
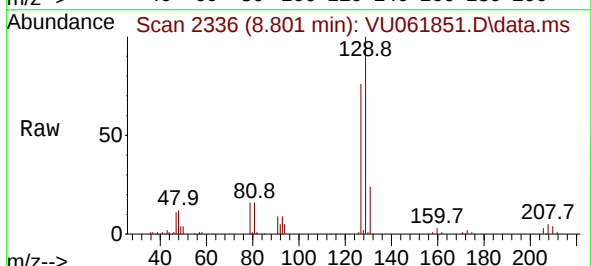
Acq: 19 Nov 2024 13:49

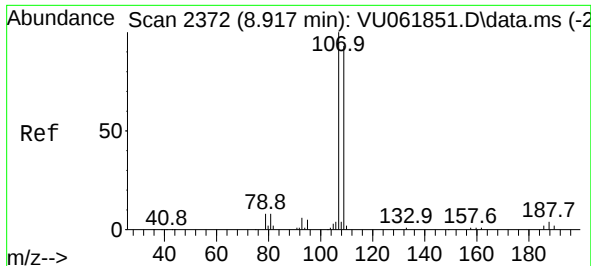
Tgt Ion: 129 Resp: 71086

Ion Ratio Lower Upper

129 100

127 76.3 53.4 99.2

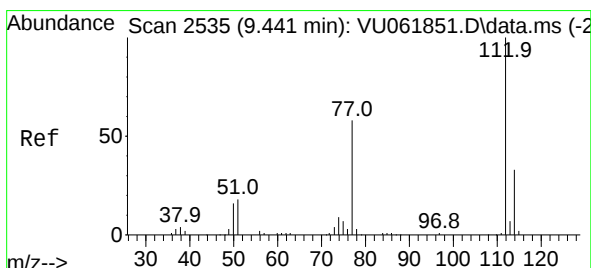
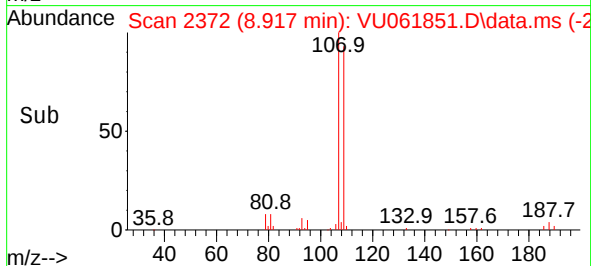
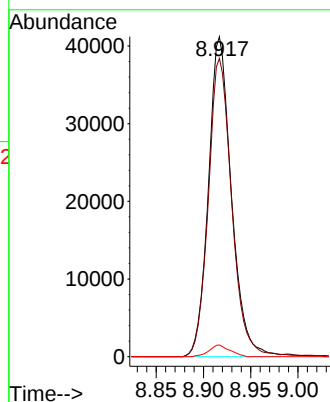
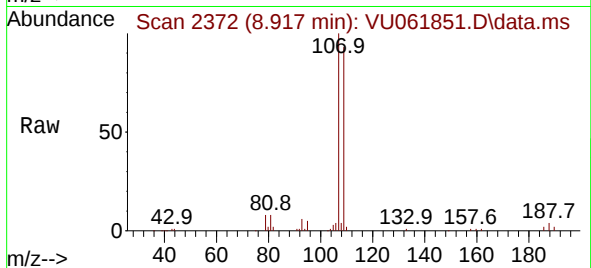




#50
1,2-Dibromoethane
Concen: 5.616 ug/L
RT: 8.917 min Scan# 2372
Delta R.T. 0.000 min
Lab File: VU061851.D
Acq: 19 Nov 2024 13:49

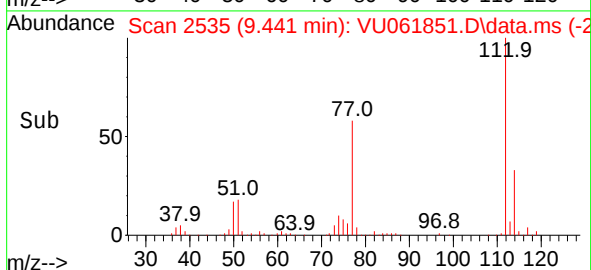
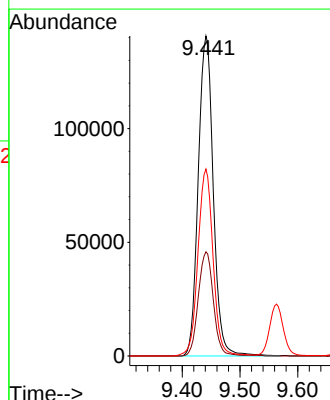
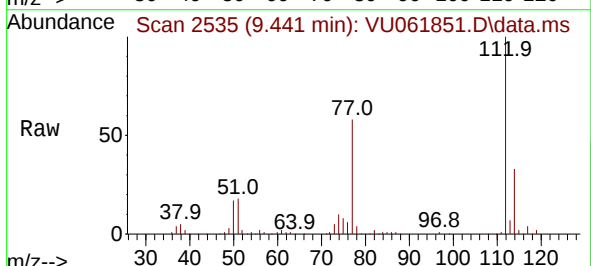
Instrument :
MSVOA_U
ClientSampleId :

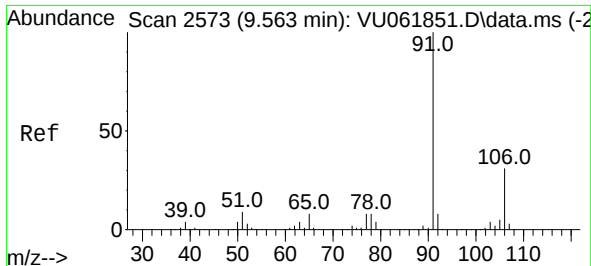
Tgt Ion:107 Resp: 69637
Ion Ratio Lower Upper
107 100
109 93.2 65.2 121.2
188 3.7 3.0 4.4



#51
Chlorobenzene
Concen: 5.223 ug/L
RT: 9.441 min Scan# 2535
Delta R.T. 0.000 min
Lab File: VU061851.D
Acq: 19 Nov 2024 13:49

Tgt Ion:112 Resp: 254621
Ion Ratio Lower Upper
112 100
114 32.5 22.7 42.3
77 58.4 46.7 70.1





#52

Ethylbenzene

Concen: 5.358 ug/L

RT: 9.563 min Scan# 2573

Delta R.T. 0.000 min

Lab File: VU061851.D

Acq: 19 Nov 2024 13:49

Instrument :

MSVOA_U

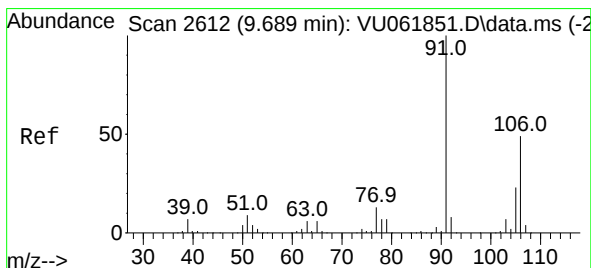
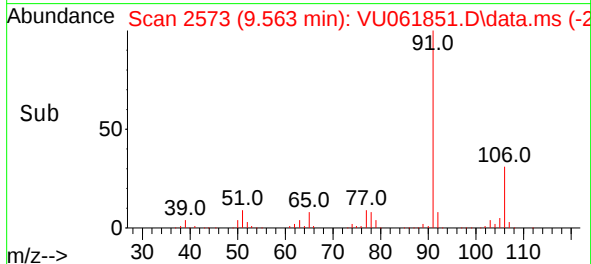
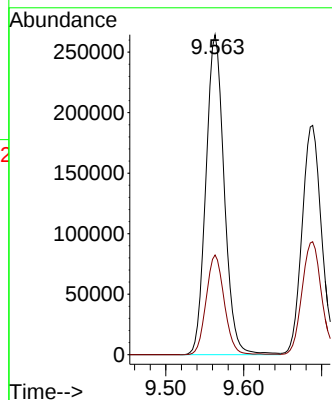
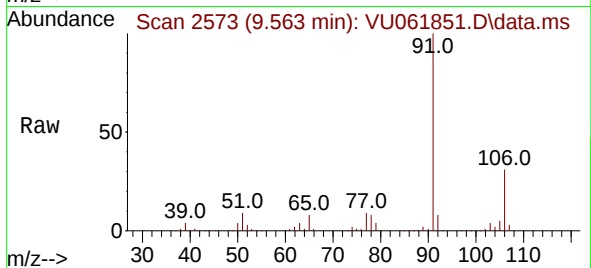
ClientSampleId :

Tgt Ion: 91 Resp: 431411

Ion Ratio Lower Upper

91 100

106 31.2 21.8 40.6



#53

m,p-Xylene

Concen: 5.339 ug/L

RT: 9.689 min Scan# 2612

Delta R.T. 0.000 min

Lab File: VU061851.D

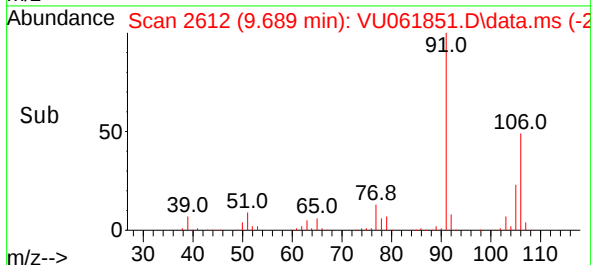
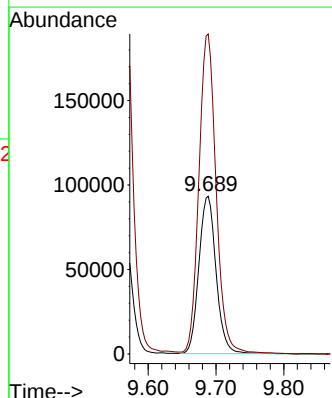
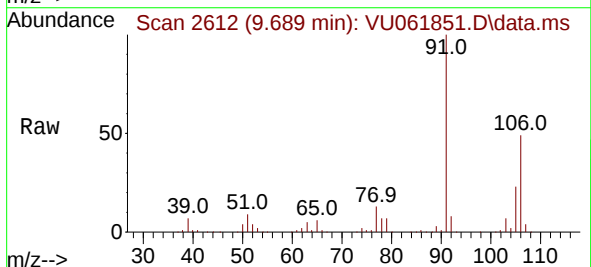
Acq: 19 Nov 2024 13:49

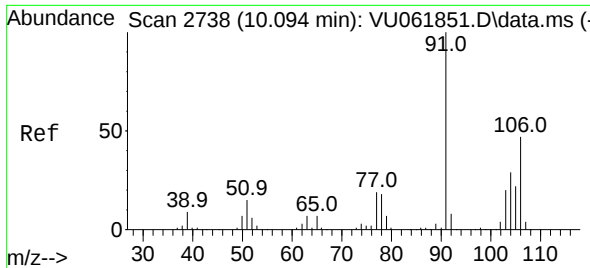
Tgt Ion:106 Resp: 164232

Ion Ratio Lower Upper

106 100

91 202.9 142.0 263.8

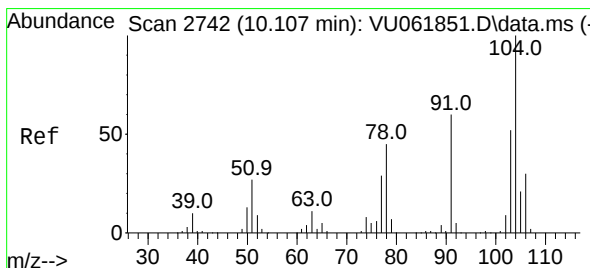
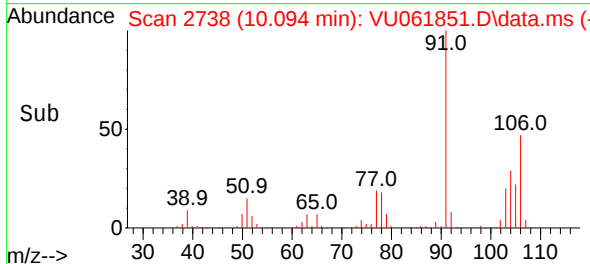
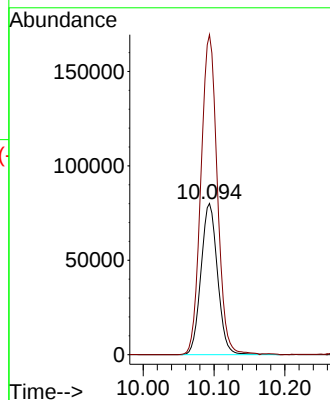
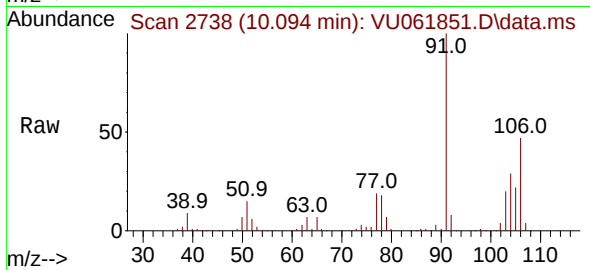




#54
o-Xylene
Concen: 4.507 ug/L
RT: 10.094 min Scan# 2738
Delta R.T. 0.000 min
Lab File: VU061851.D
Acq: 19 Nov 2024 13:49

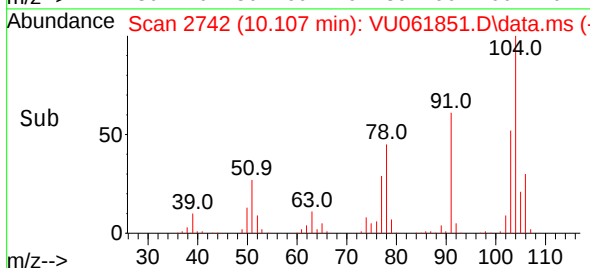
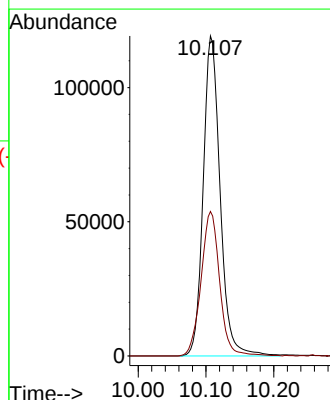
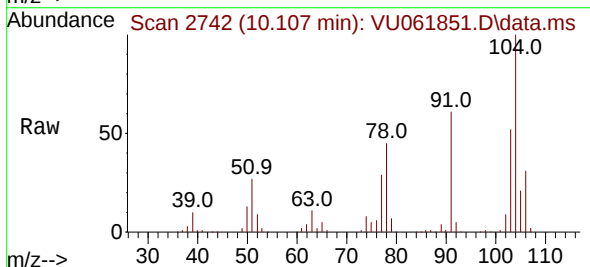
Instrument :
MSVOA_U
ClientSampleId :

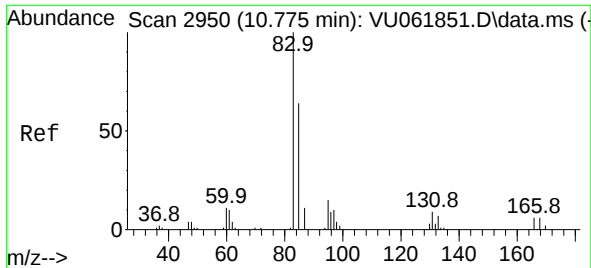
Tgt Ion:106 Resp: 129579
Ion Ratio Lower Upper
106 100
91 211.7 148.2 275.2



#55
Styrene
Concen: 4.539 ug/L
RT: 10.107 min Scan# 2742
Delta R.T. 0.000 min
Lab File: VU061851.D
Acq: 19 Nov 2024 13:49

Tgt Ion:104 Resp: 206955
Ion Ratio Lower Upper
104 100
78 45.2 31.6 58.8





#57

1,1,2,2-Tetrachloroethane

Concen: 4.329 ug/L

RT: 10.775 min Scan# 2950

Delta R.T. 0.000 min

Lab File: VU061851.D

Acq: 19 Nov 2024 13:49

Instrument :

MSVOA_U

ClientSampleId :

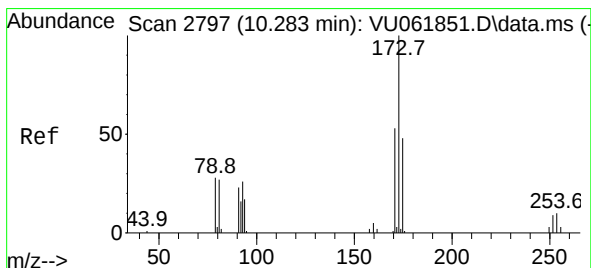
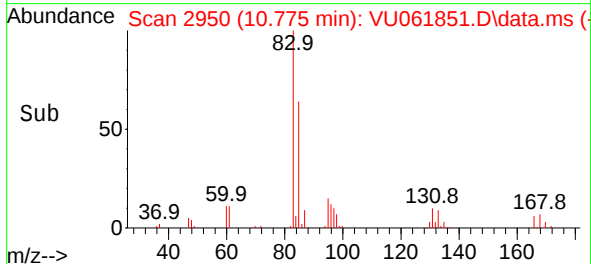
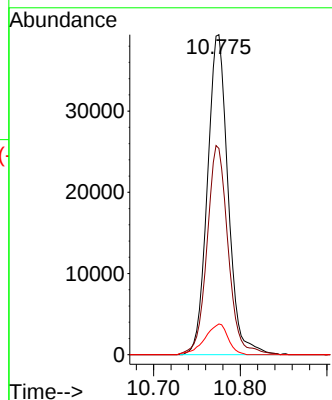
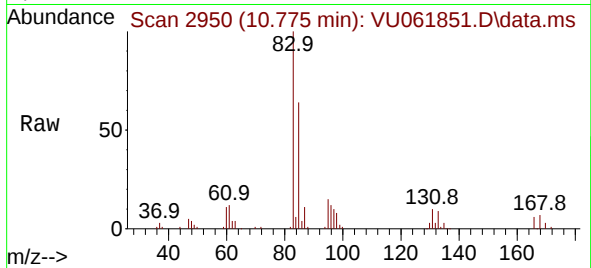
Tgt Ion: 83 Resp: 65231

Ion Ratio Lower Upper

83 100

85 64.4 45.1 83.7

131 9.6 7.7 11.5



#59

Bromoform

Concen: 5.090 ug/L

RT: 10.283 min Scan# 2797

Delta R.T. 0.000 min

Lab File: VU061851.D

Acq: 19 Nov 2024 13:49

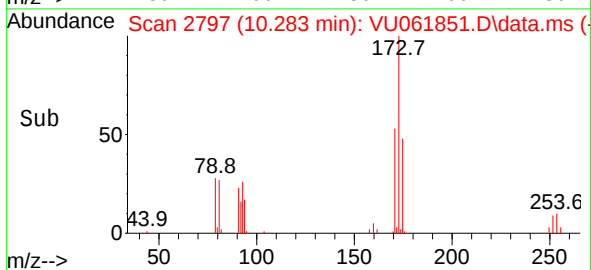
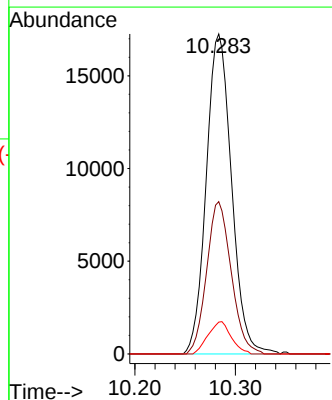
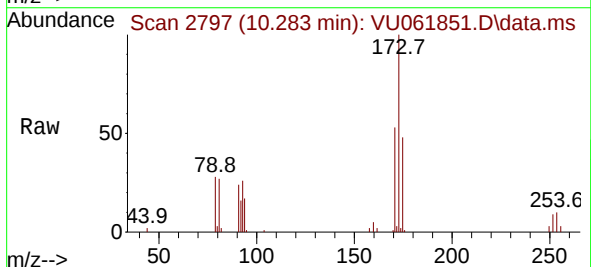
Tgt Ion:173 Resp: 30112

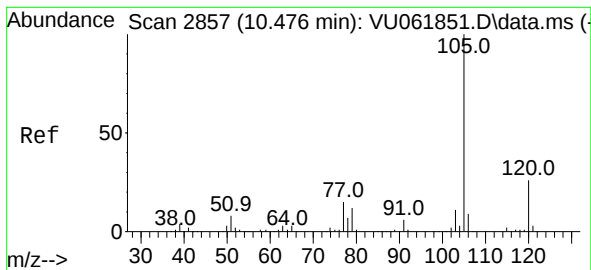
Ion Ratio Lower Upper

173 100

175 46.3 37.0 55.6

254 9.2 7.4 11.0





#60

Isopropylbenzene

Concen: 5.420 ug/L

RT: 10.476 min Scan# 2857

Delta R.T. 0.000 min

Lab File: VU061851.D

Acq: 19 Nov 2024 13:49

Instrument :

MSVOA_U

ClientSampleId :

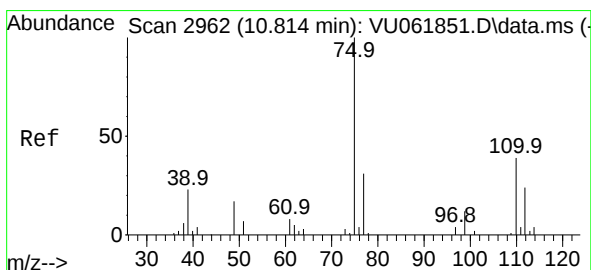
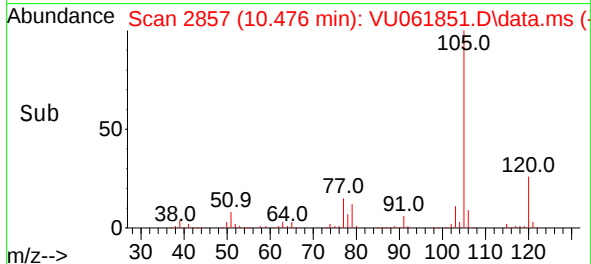
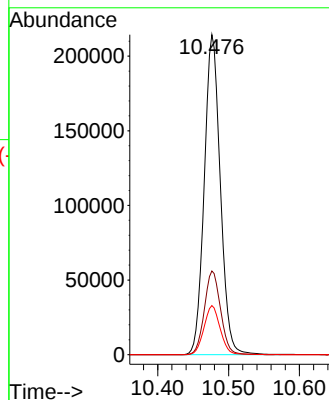
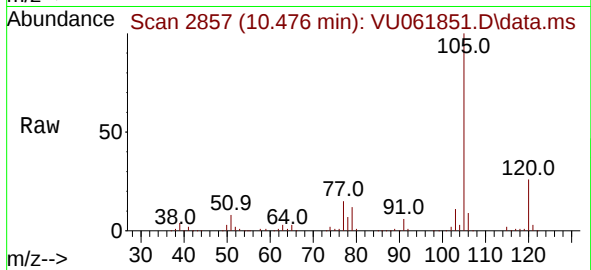
Tgt Ion:105 Resp: 337598

Ion Ratio Lower Upper

105 100

120 26.4 21.1 31.7

77 15.4 12.3 18.5



#61

1,2,3-Trichloropropane

Concen: 5.293 ug/L

RT: 10.814 min Scan# 2962

Delta R.T. 0.000 min

Lab File: VU061851.D

Acq: 19 Nov 2024 13:49

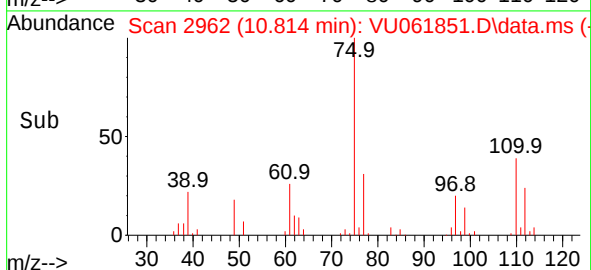
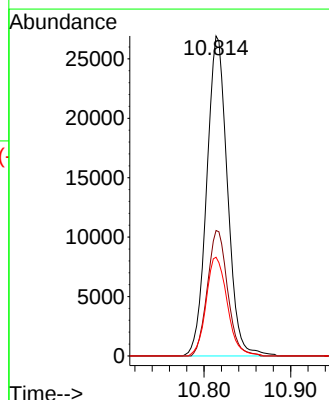
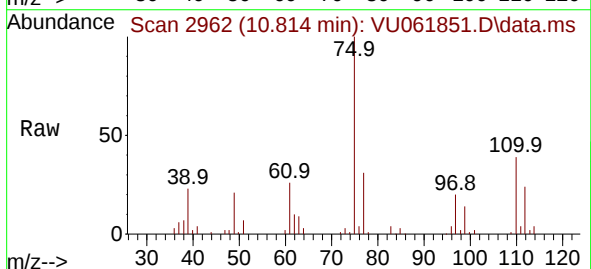
Tgt Ion: 75 Resp: 44684

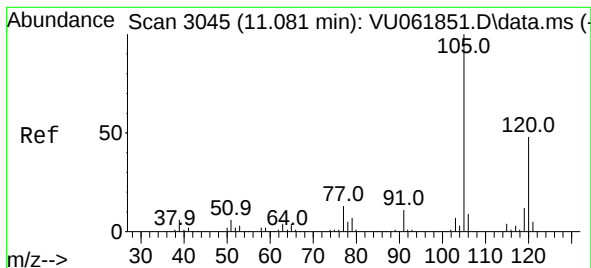
Ion Ratio Lower Upper

75 100

110 38.3 30.6 46.0

77 31.6 25.3 37.9





#62

1,3,5-Trimethylbenzene

Concen: 5.355 ug/L

RT: 11.081 min Scan# 3045

Delta R.T. 0.000 min

Lab File: VU061851.D

Acq: 19 Nov 2024 13:49

Instrument :

MSVOA_U

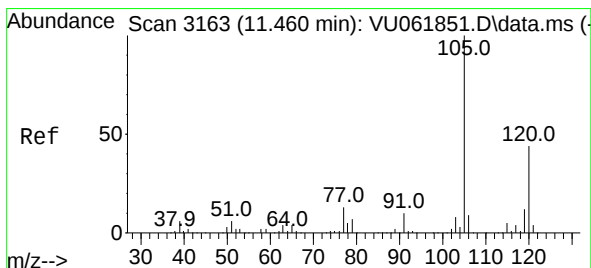
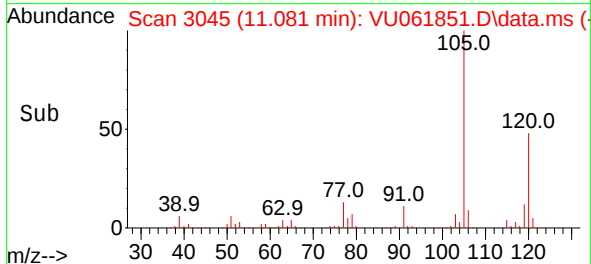
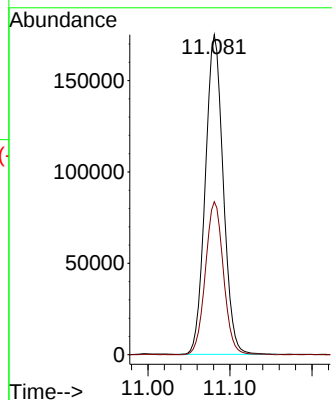
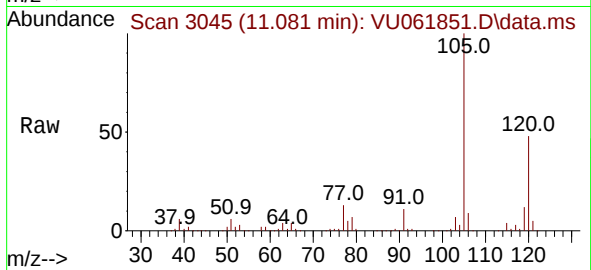
ClientSampleId :

Tgt Ion:105 Resp: 266402

Ion Ratio Lower Upper

105 100

120 48.3 38.6 58.0



#63

1,2,4-Trimethylbenzene

Concen: 5.419 ug/L

RT: 11.460 min Scan# 3163

Delta R.T. 0.000 min

Lab File: VU061851.D

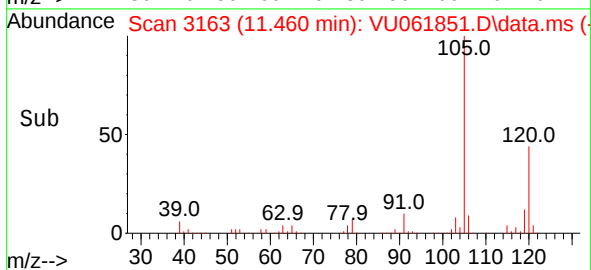
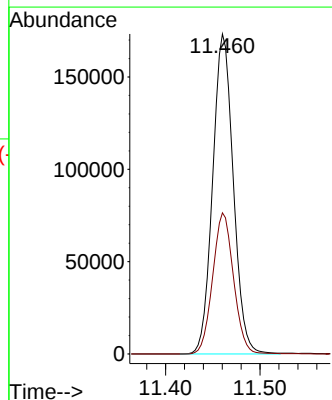
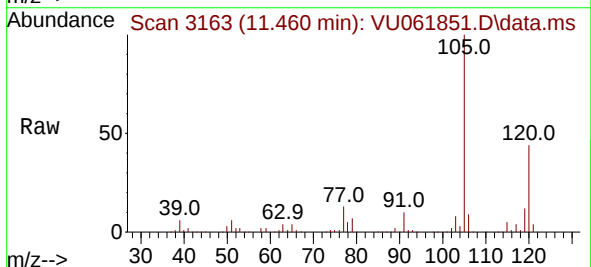
Acq: 19 Nov 2024 13:49

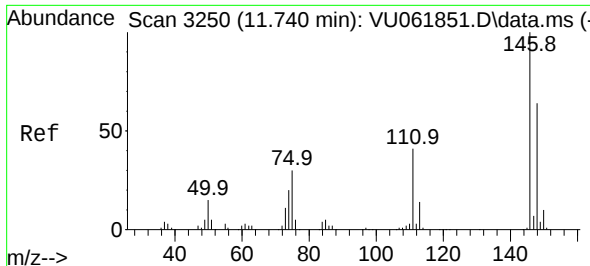
Tgt Ion:105 Resp: 262617

Ion Ratio Lower Upper

105 100

120 44.6 35.7 53.5

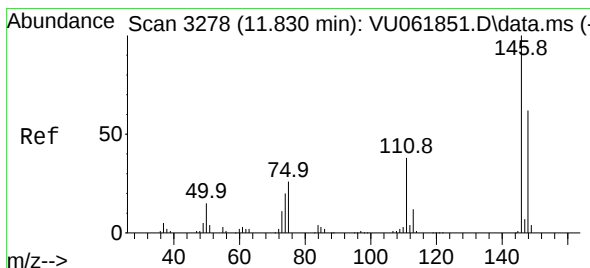
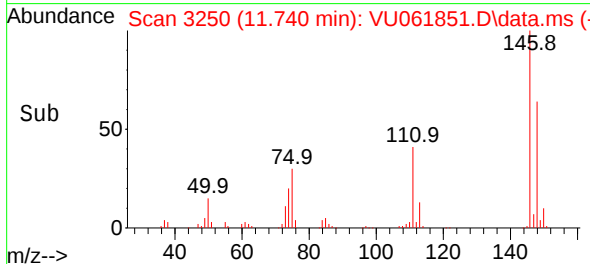
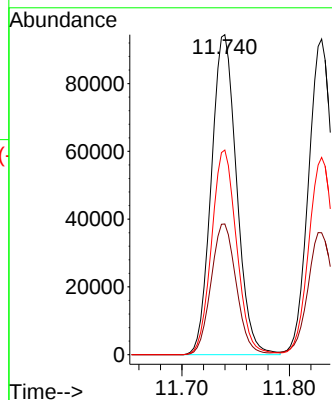
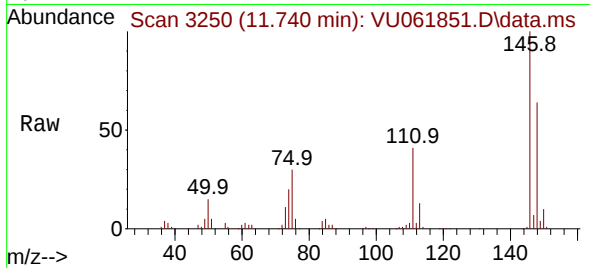




#64
1,3-Dichlorobenzene
Concen: 5.386 ug/L
RT: 11.740 min Scan# 3250
Delta R.T. 0.000 min
Lab File: VU061851.D
Acq: 19 Nov 2024 13:49

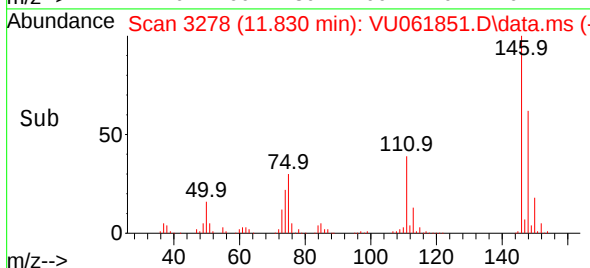
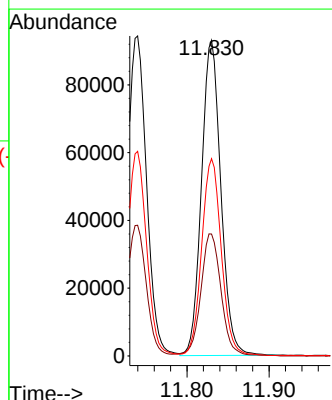
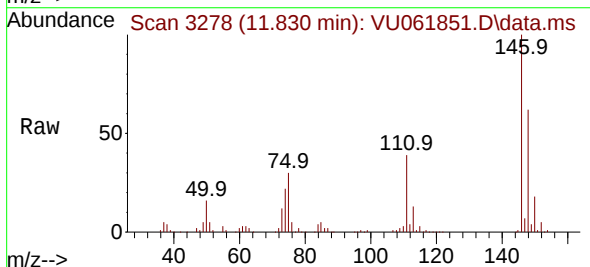
Instrument :
MSVOA_U
ClientSampleId :

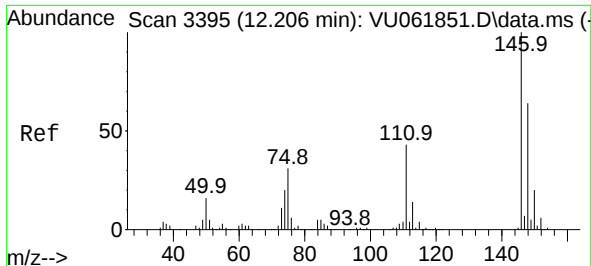
Tgt Ion:146 Resp: 154403
Ion Ratio Lower Upper
146 100
111 40.9 28.6 53.2
148 64.0 44.8 83.2



#65
1,4-Dichlorobenzene
Concen: 5.245 ug/L
RT: 11.830 min Scan# 3278
Delta R.T. 0.000 min
Lab File: VU061851.D
Acq: 19 Nov 2024 13:49

Tgt Ion:146 Resp: 152513
Ion Ratio Lower Upper
146 100
111 38.6 27.0 50.2
148 62.5 43.8 81.3





#67

1,2-Dichlorobenzene

Concen: 5.297 ug/L

RT: 12.206 min Scan# 3395

Delta R.T. 0.000 min

Lab File: VU061851.D

Acq: 19 Nov 2024 13:49

Instrument :

MSVOA_U

ClientSampleId :

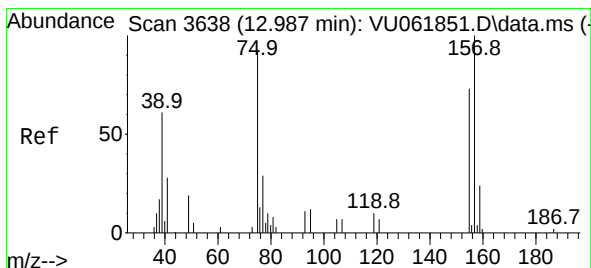
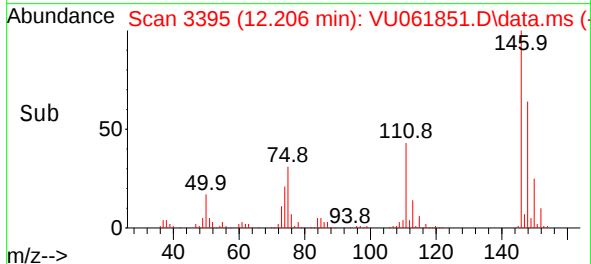
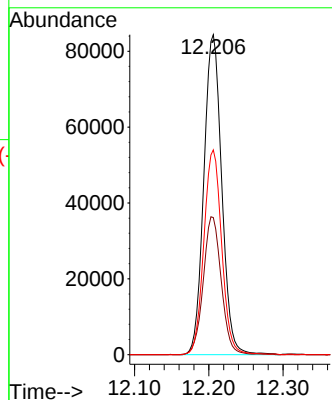
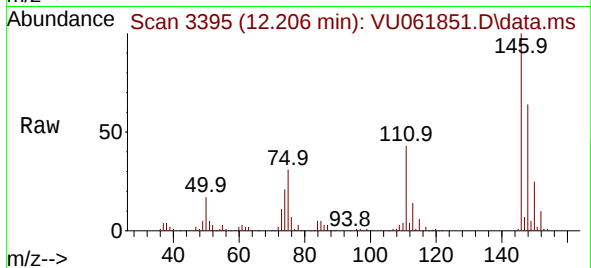
Tgt Ion:146 Resp: 141232

Ion Ratio Lower Upper

146 100

111 42.9 34.3 51.5

148 64.0 51.2 76.8



#68

1,2-Dibromo-3-chloropropane

Concen: 5.387 ug/L

RT: 12.987 min Scan# 3638

Delta R.T. 0.000 min

Lab File: VU061851.D

Acq: 19 Nov 2024 13:49

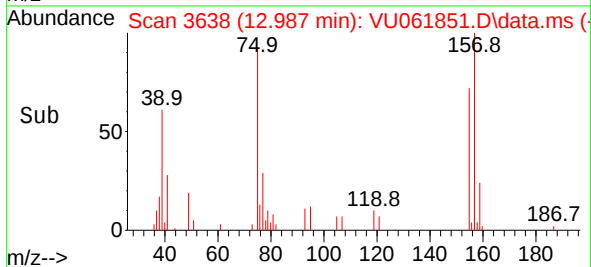
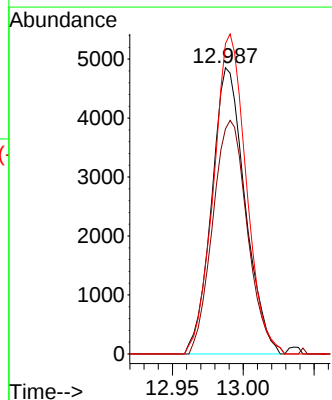
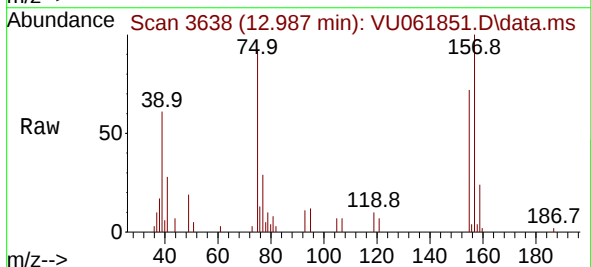
Tgt Ion: 75 Resp: 7957

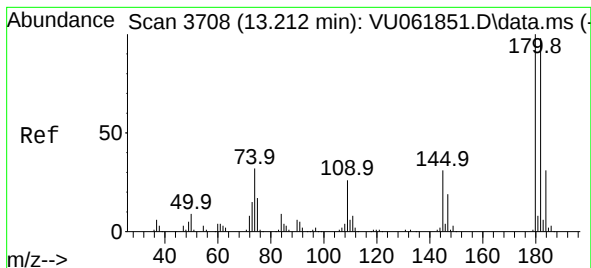
Ion Ratio Lower Upper

75 100

155 78.6 62.9 94.3

157 108.4 86.7 130.1





#69

1,3,5-Trichlorobenzene

Concen: 5.350 ug/L

RT: 13.212 min Scan# 3708

Delta R.T. 0.000 min

Lab File: VU061851.D

Acq: 19 Nov 2024 13:49

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion:180 Resp: 107328

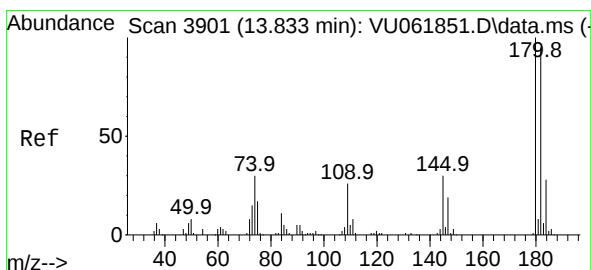
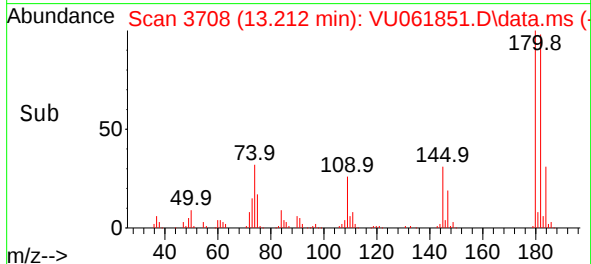
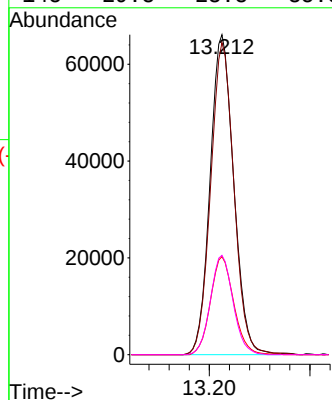
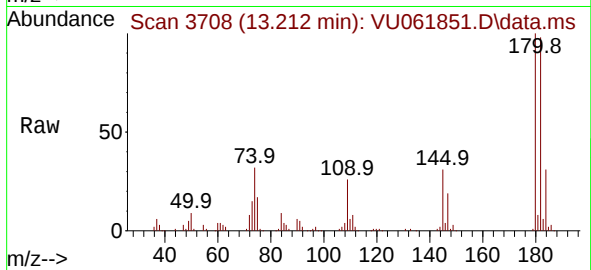
Ion Ratio Lower Upper

180 100

182 96.3 77.0 115.6

184 30.3 24.2 36.4

145 29.8 23.8 35.8



#70

1,2,4-trichlorobenzene

Concen: 5.357 ug/L

RT: 13.833 min Scan# 3901

Delta R.T. 0.000 min

Lab File: VU061851.D

Acq: 19 Nov 2024 13:49

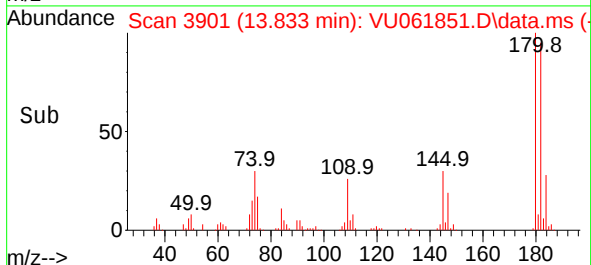
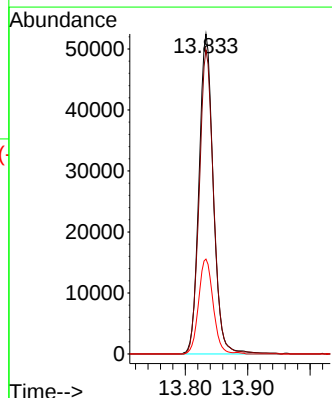
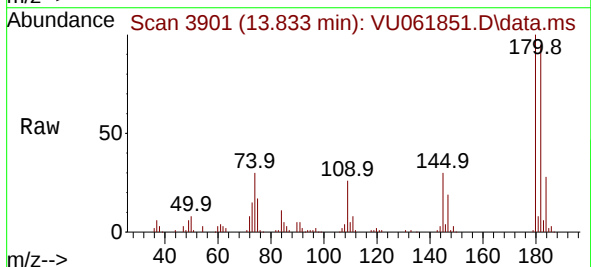
Tgt Ion:180 Resp: 83523

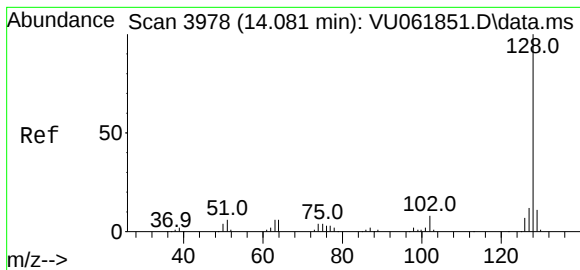
Ion Ratio Lower Upper

180 100

182 95.2 76.2 114.2

145 30.1 24.1 36.1

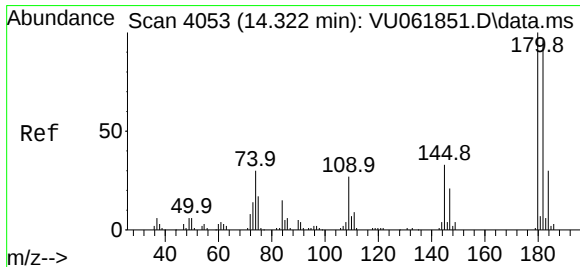
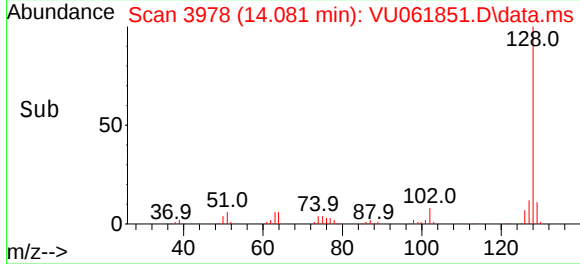
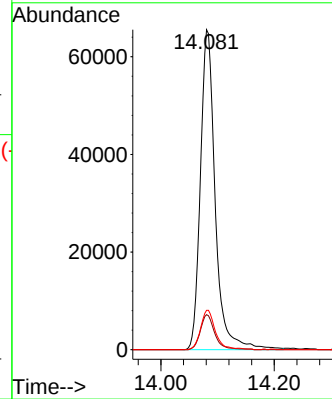
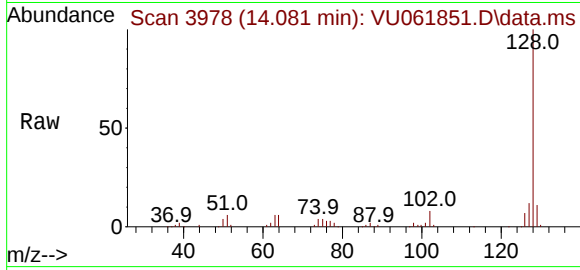




#71
Naphthalene
Concen: 5.304 ug/L
RT: 14.081 min Scan# 3978
Delta R.T. 0.000 min
Lab File: VU061851.D
Acq: 19 Nov 2024 13:49

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion:128 Resp: 119032
Ion Ratio Lower Upper
128 100
129 10.7 8.6 12.8
127 12.3 9.8 14.8



#72
1,2,3-Trichlorobenzene
Concen: 5.369 ug/L
RT: 14.322 min Scan# 4053
Delta R.T. 0.000 min
Lab File: VU061851.D
Acq: 19 Nov 2024 13:49

Tgt Ion:180 Resp: 70196
Ion Ratio Lower Upper
180 100
182 95.8 76.6 115.0
145 32.5 26.0 39.0

