

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU112124\
 Data File : VU061911.D
 Acq On : 21 Nov 2024 11:15
 Operator : MD/SY
 Sample : VSTDCCC005
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Nov 21 23:04:14 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR112024WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Nov 21 03:29:06 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	169198	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.409	117	159744	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	76910	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	36588	4.408	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	88.200%
7) Chloroethane-d5	1.904	69	29281	3.988	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	79.800%
11) 1,1-Dichloroethene-d2	2.560	65	15114	4.558	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	91.200%
20) 2-Butanone-d5	4.615	46	126819	48.660	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	97.320%
24) Chloroform-d	5.052	84	92403	4.564	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.200%
26) 1,2-Dichloroethane-d4	5.695	65	46949	4.506	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	90.200%
32) Benzene-d6	5.718	84	156114	5.016	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	100.400%
36) 1,2-Dichloropropane-d6	6.682	67	55800	5.276	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	105.600%
41) Toluene-d8	7.891	98	134161	5.168	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	103.400%
43) trans-1,3-Dichloroprop...	8.174	79	20843	5.324	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	106.400%
46) 2-Hexanone-d5	8.624	63	88261	49.390	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	98.780%
56) 1,1,2,2-Tetrachloroeth...	10.746	84	49569	4.691	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	93.800%
66) 1,2-Dichlorobenzene-d4	12.187	152	55439	4.875	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	97.400%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.383	85	73916	4.993	ug/L	99
3) Chloromethane	1.515	50	70835	4.642	ug/L	99
5) Vinyl chloride	1.599	62	69768	4.451	ug/L	99
6) Bromomethane	1.846	94	36938	3.958	ug/L	100
8) Chloroethane	1.927	64	37622	3.722	ug/L	97
9) Trichlorofluoromethane	2.132	101	88697	4.473	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.573	101	56073	4.596	ug/L	96
12) 1,1-Dichloroethene	2.573	96	51295	4.521	ug/L	97
13) Acetone	2.621	43	75163	41.771	ug/L	88
14) Carbon disulfide	2.785	76	162508	4.502	ug/L	99
15) Methyl Acetate	2.946	43	22073	4.777	ug/L	99
16) Methylene chloride	3.036	84	58368	4.284	ug/L	97
17) Methyl tert-butyl Ether	3.354	73	130909	4.501	ug/L	97
18) trans-1,2-Dichloroethene	3.345	96	55097	4.593	ug/L	97
19) 1,1-Dichloroethane	3.859	63	106401	4.554	ug/L	98
21) 2-Butanone	4.695	43	136139	46.812	ug/L	99
22) cis-1,2-Dichloroethene	4.657	96	62538	4.633	ug/L	99
23) Bromochloromethane	4.968	128	26546	4.524	ug/L	91
25) Chloroform	5.078	83	110492	4.524	ug/L	97

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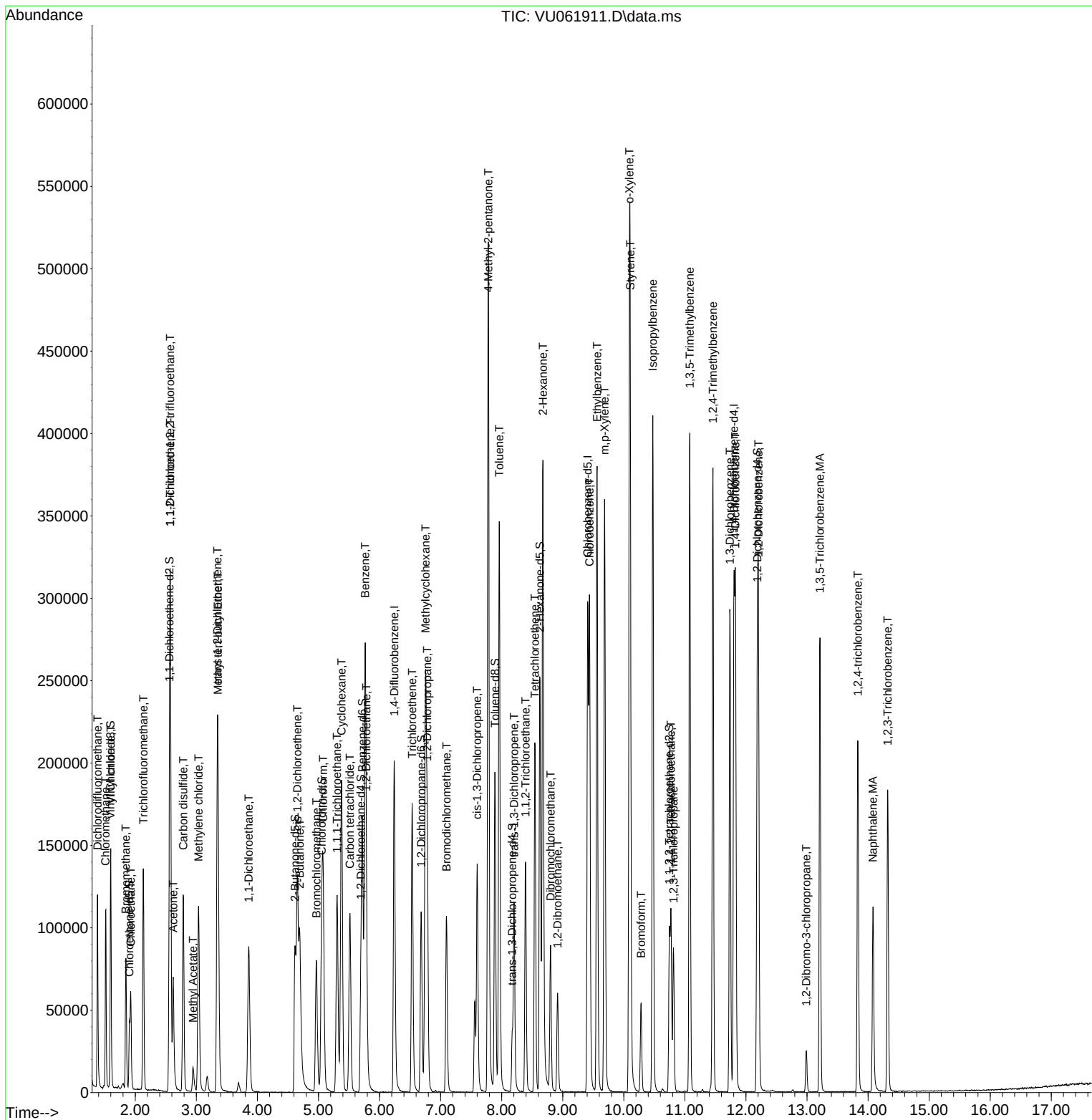
Instrument :
 MSVOA_U
 ClientSampleId :

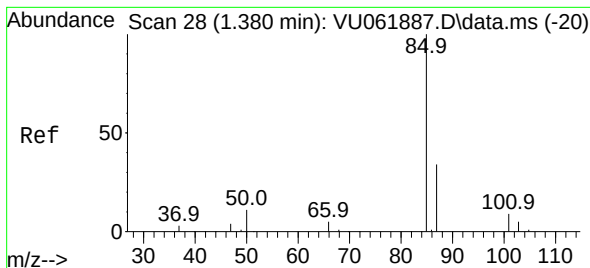
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.785	62	69423	4.418	ug/L	98
29) 1,1,1-Trichloroethane	5.303	97	90162	4.897	ug/L	97
30) Cyclohexane	5.377	56	99931	5.189	ug/L	95
31) Carbon tetrachloride	5.515	117	78495	5.021	ug/L	99
33) Benzene	5.766	78	243043	5.038	ug/L	100
34) Trichloroethene	6.534	95	63658	4.944	ug/L	99
35) Methylcyclohexane	6.753	83	98615	5.007	ug/L	96
37) 1,2-Dichloropropane	6.782	63	64024	5.108	ug/L #	97
38) Bromodichloromethane	7.097	83	73107	4.810	ug/L	99
39) cis-1,3-Dichloropropene	7.598	75	87767	4.994	ug/L	99
40) 4-Methyl-2-pentanone	7.782	43	332010	49.095	ug/L	98
42) Toluene	7.962	91	258051	5.097	ug/L	96
44) trans-1,3-Dichloropropene	8.203	75	68276	4.892	ug/L	95
45) 1,1,2-Trichloroethane	8.389	97	44375	4.806	ug/L	99
47) Tetrachloroethene	8.544	164	46895	5.008	ug/L	94
48) 2-Hexanone	8.676	43	239306	47.251	ug/L	98
49) Dibromochloromethane	8.801	129	45466	4.661	ug/L	93
50) 1,2-Dibromoethane	8.917	107	41284	4.505	ug/L	97
51) Chlorobenzene	9.441	112	156849	4.524	ug/L	98
52) Ethylbenzene	9.563	91	275211	4.543	ug/L	99
53) m,p-Xylene	9.685	106	104503	4.888	ug/L	98
54) o-Xylene	10.094	106	100678	4.666	ug/L	99
55) Styrene	10.106	104	165620	4.659	ug/L	97
57) 1,1,2,2-Tetrachloroethane	10.772	83	54681	4.621	ug/L	99
59) Bromoform	10.283	173	24413	4.270	ug/L	99
60) Isopropylbenzene	10.476	105	272284	4.540	ug/L	99
61) 1,2,3-Trichloropropane	10.814	75	38653	4.347	ug/L	98
62) 1,3,5-Trimethylbenzene	11.081	105	221398	4.628	ug/L	100
63) 1,2,4-Trimethylbenzene	11.460	105	215863	4.526	ug/L	100
64) 1,3-Dichlorobenzene	11.737	146	120118	4.512	ug/L	100
65) 1,4-Dichlorobenzene	11.830	146	118637	4.604	ug/L	99
67) 1,2-Dichlorobenzene	12.206	146	110575	4.776	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.987	75	7381	4.864	ug/L	94
69) 1,3,5-Trichlorobenzene	13.212	180	84985	5.365	ug/L	99
70) 1,2,4-trichlorobenzene	13.833	180	66821	5.504	ug/L	99
71) Naphthalene	14.081	128	100294	5.125	ug/L	100
72) 1,2,3-Trichlorobenzene	14.322	180	56508	5.404	ug/L	99

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

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#2

Dichlorodifluoromethane

Concen: 4.993 ug/L

RT: 1.383 min Scan# 20

Delta R.T. 0.003 min

Lab File: VU061911.D

Acq: 21 Nov 2024 11:15

Instrument :

MSVOA_U

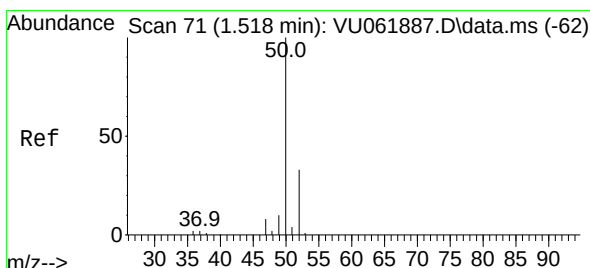
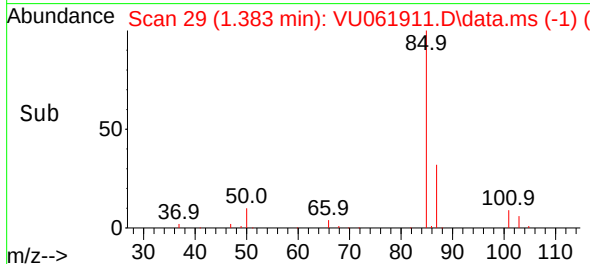
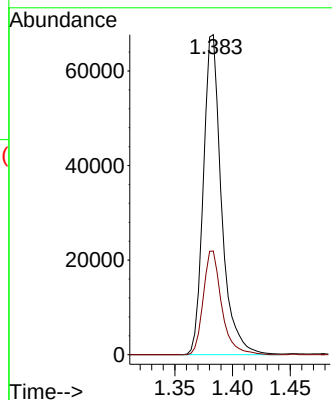
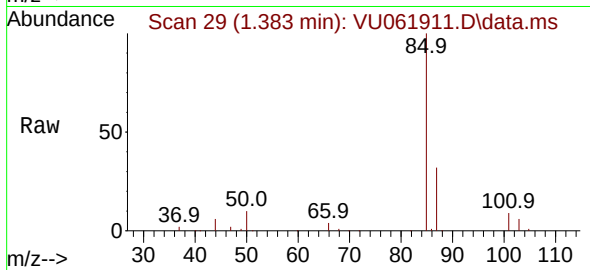
ClientSampleId :

Tgt Ion: 85 Resp: 73916

Ion Ratio Lower Upper

85 100

87 33.0 26.6 40.0



#3

Chloromethane

Concen: 4.642 ug/L

RT: 1.515 min Scan# 70

Delta R.T. -0.003 min

Lab File: VU061911.D

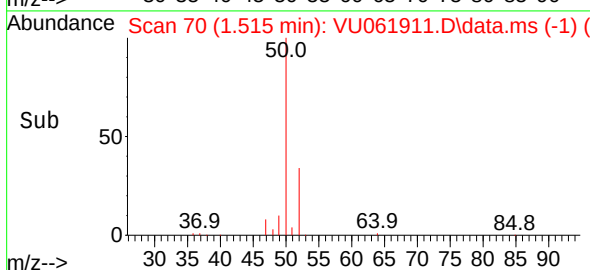
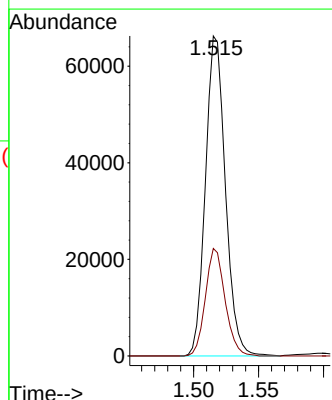
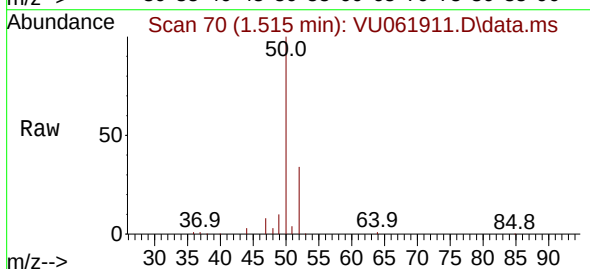
Acq: 21 Nov 2024 11:15

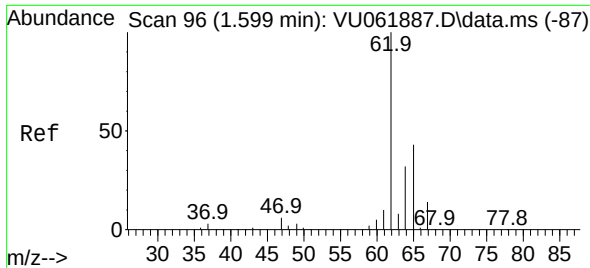
Tgt Ion: 50 Resp: 70835

Ion Ratio Lower Upper

50 100

52 33.6 23.1 42.9

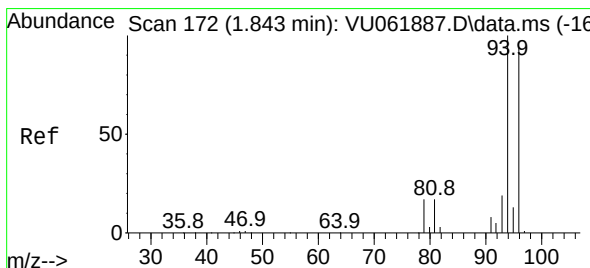
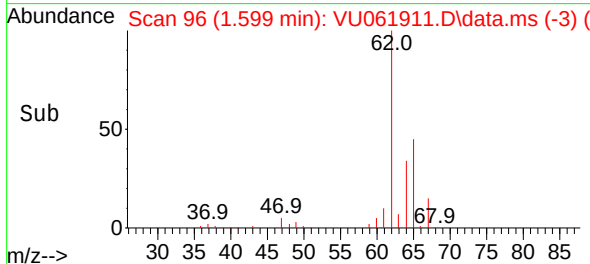
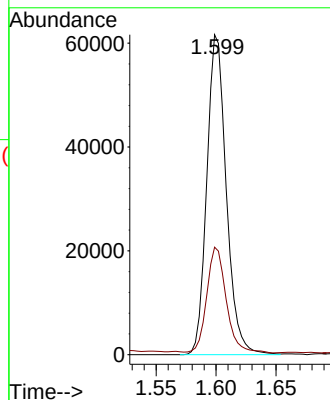
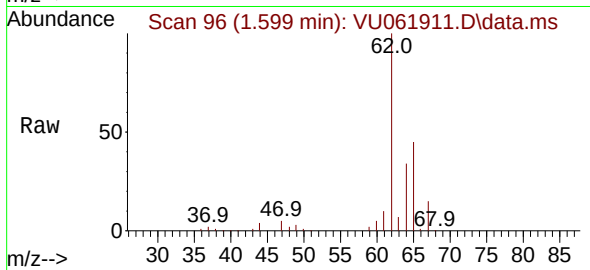




#5
 Vinyl chloride
 Concen: 4.451 ug/L
 RT: 1.599 min Scan# 90
 Delta R.T. 0.000 min
 Lab File: VU061911.D
 Acq: 21 Nov 2024 11:15

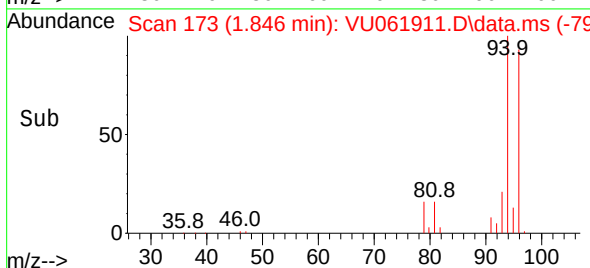
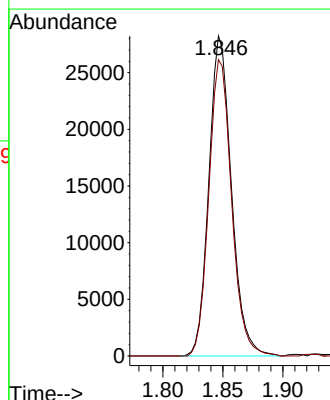
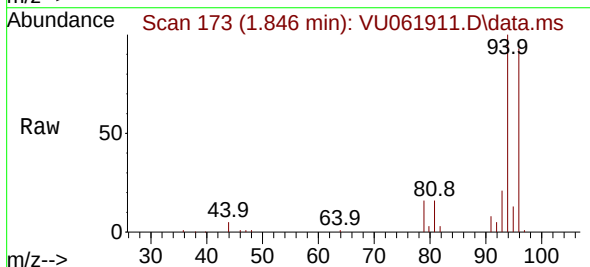
Instrument :
 MSVOA_U
 ClientSampleId :

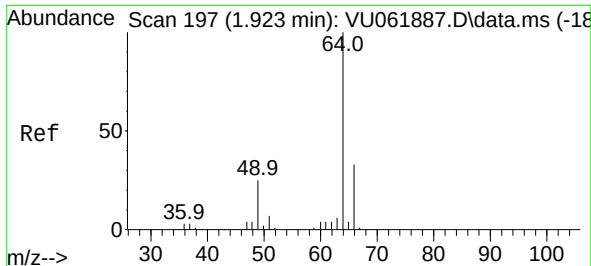
Tgt Ion: 62 Resp: 69768
 Ion Ratio Lower Upper
 62 100
 64 33.6 23.1 42.9



#6
 Bromomethane
 Concen: 3.958 ug/L
 RT: 1.846 min Scan# 173
 Delta R.T. 0.003 min
 Lab File: VU061911.D
 Acq: 21 Nov 2024 11:15

Tgt Ion: 94 Resp: 36938
 Ion Ratio Lower Upper
 94 100
 96 92.6 64.5 119.9





#8

Chloroethane

Concen: 3.722 ug/L

RT: 1.927 min Scan# 197

Delta R.T. 0.003 min

Lab File: VU061911.D

Acq: 21 Nov 2024 11:15

Instrument :

MSVOA_U

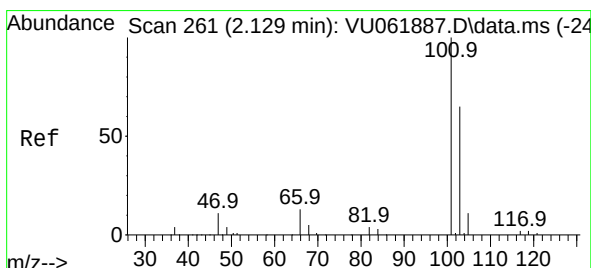
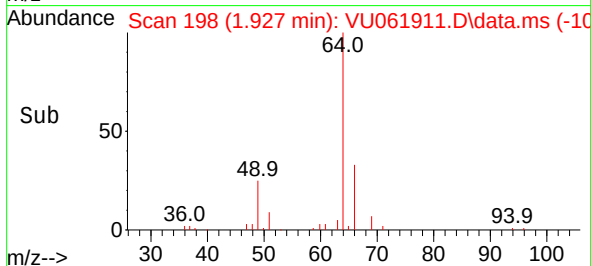
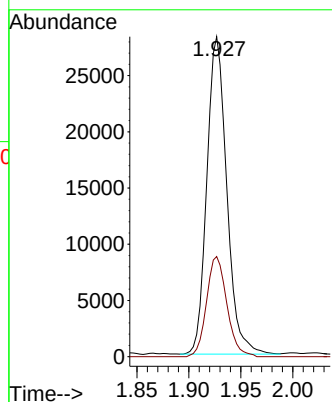
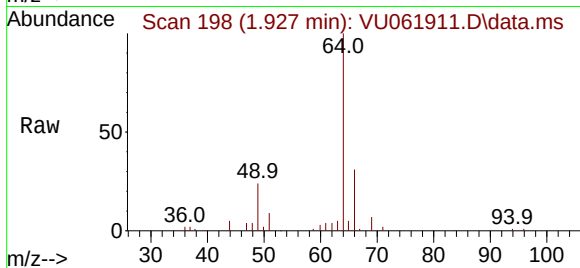
ClientSampleId :

Tgt Ion: 64 Resp: 37622

Ion Ratio Lower Upper

64 100

66 31.3 23.2 43.2



#9

Trichlorofluoromethane

Concen: 4.473 ug/L

RT: 2.132 min Scan# 262

Delta R.T. 0.003 min

Lab File: VU061911.D

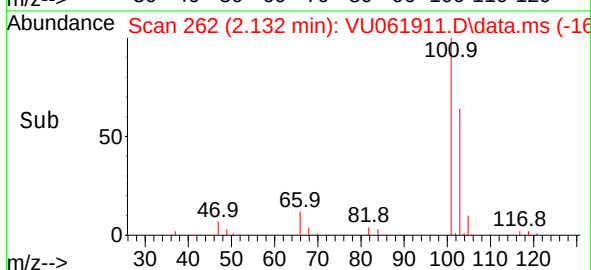
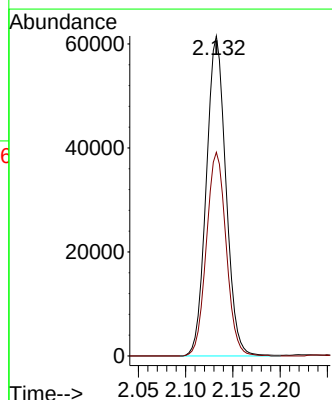
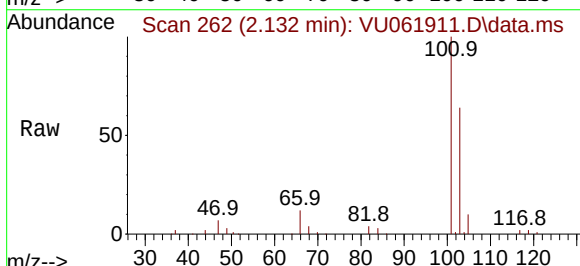
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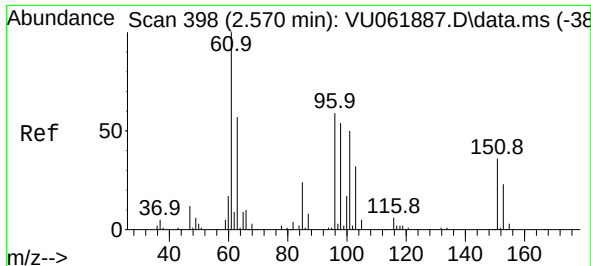
Tgt Ion:101 Resp: 88697

Ion Ratio Lower Upper

101 100

103 64.1 50.6 75.8

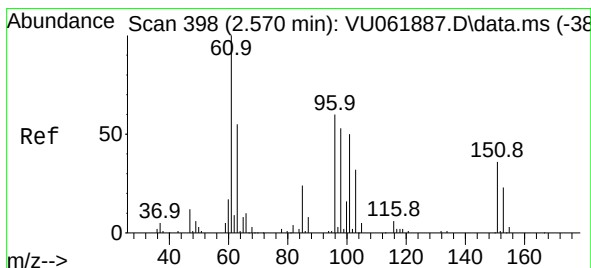
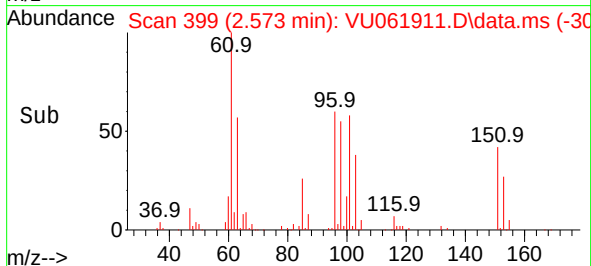
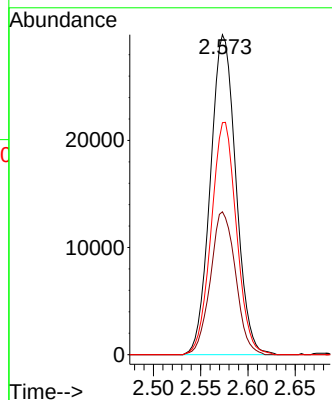
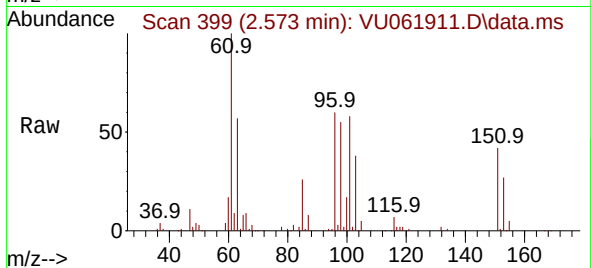




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 4.596 ug/L
RT: 2.573 min Scan# 399
Delta R.T. 0.003 min
Lab File: VU061911.D
Acq: 21 Nov 2024 11:15

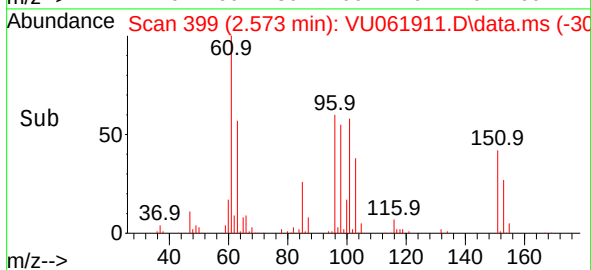
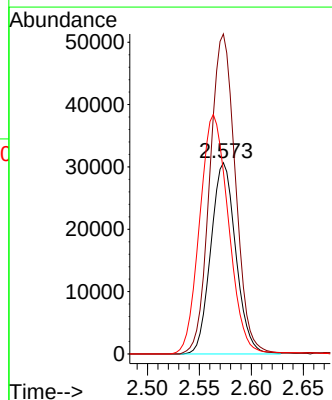
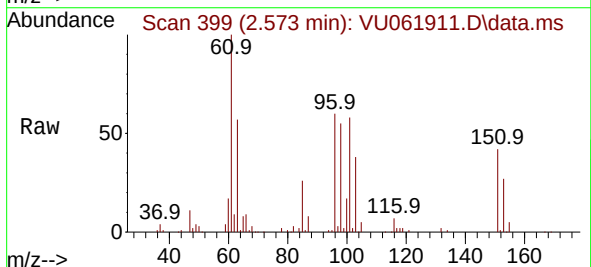
Instrument :
MSVOA_U
ClientSampleId :

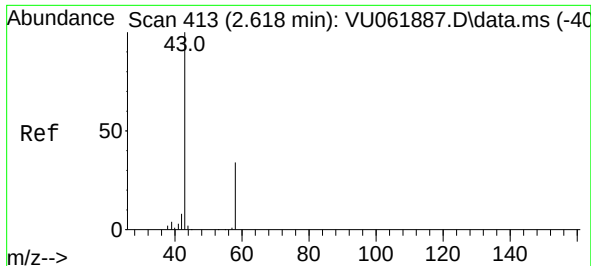
Tgt Ion:101 Resp: 56073
Ion Ratio Lower Upper
101 100
85 44.0 38.0 57.0
151 71.9 55.3 82.9



#12
1,1-Dichloroethene
Concen: 4.521 ug/L
RT: 2.573 min Scan# 399
Delta R.T. 0.003 min
Lab File: VU061911.D
Acq: 21 Nov 2024 11:15

Tgt Ion: 96 Resp: 51295
Ion Ratio Lower Upper
96 100
61 167.3 119.6 222.2
63 95.2 65.0 120.6





#13

Acetone

Concen: 41.771 ug/L

RT: 2.621 min Scan# 413

Delta R.T. 0.003 min

Lab File: VU061911.D

Acq: 21 Nov 2024 11:15

Instrument :

MSVOA_U

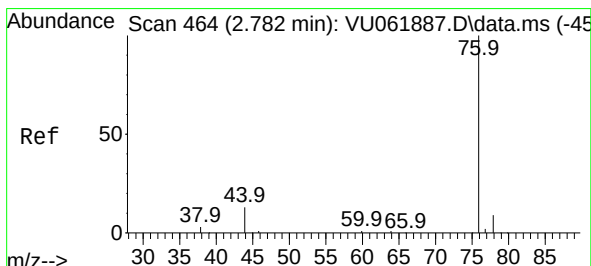
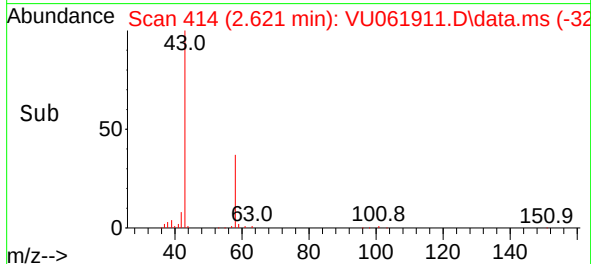
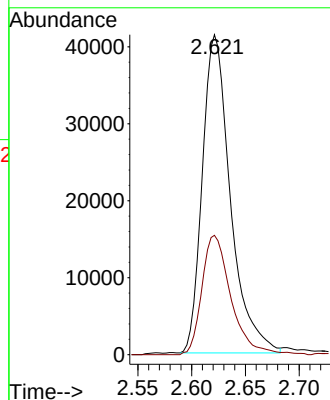
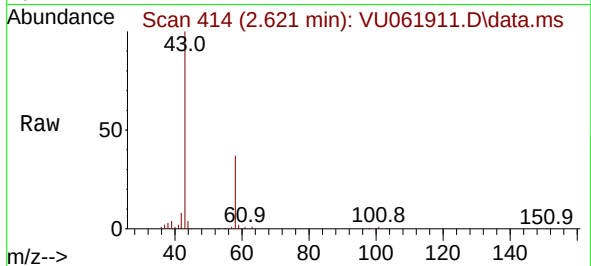
ClientSampleId :

Tgt Ion: 43 Resp: 75163

Ion Ratio Lower Upper

43 100

58 38.8 0.0 64.0



#14

Carbon disulfide

Concen: 4.502 ug/L

RT: 2.785 min Scan# 465

Delta R.T. 0.003 min

Lab File: VU061911.D

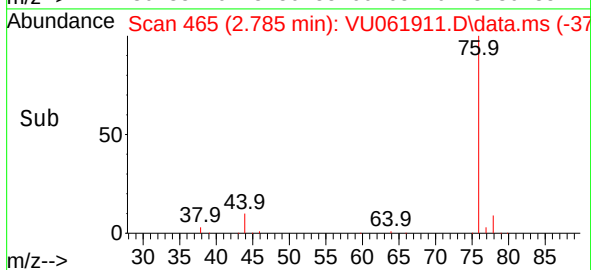
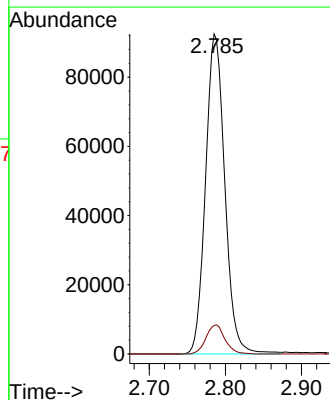
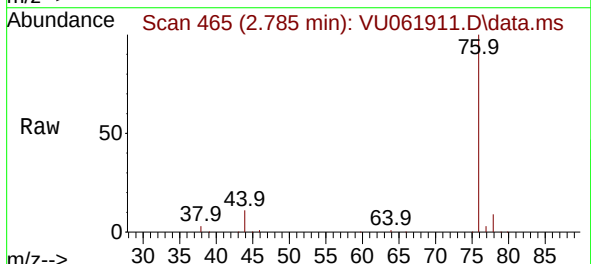
Acq: 21 Nov 2024 11:15

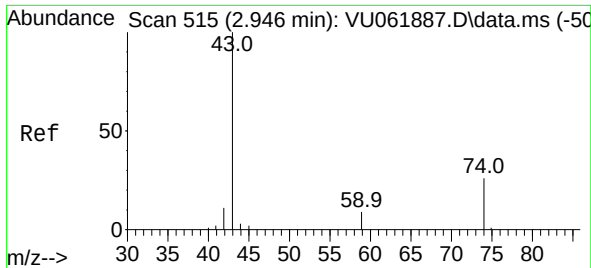
Tgt Ion: 76 Resp: 162508

Ion Ratio Lower Upper

76 100

78 8.9 7.5 11.3





#15

Methyl Acetate

Concen: 4.777 ug/L

RT: 2.946 min Scan# 515

Delta R.T. 0.000 min

Lab File: VU061911.D

Acq: 21 Nov 2024 11:15

Instrument :

MSVOA_U

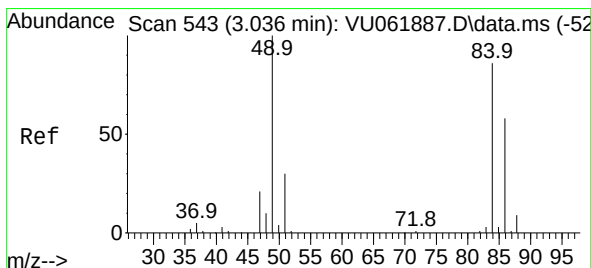
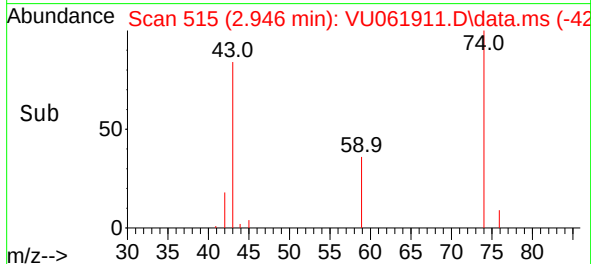
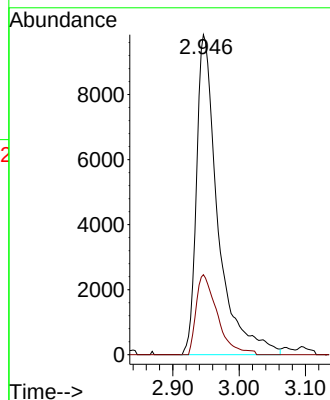
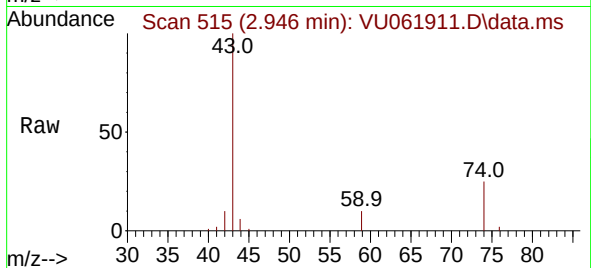
ClientSampleId :

Tgt Ion: 43 Resp: 22073

Ion Ratio Lower Upper

43 100

74 24.7 19.4 29.2



#16

Methylene chloride

Concen: 4.284 ug/L

RT: 3.036 min Scan# 543

Delta R.T. 0.000 min

Lab File: VU061911.D

Acq: 21 Nov 2024 11:15

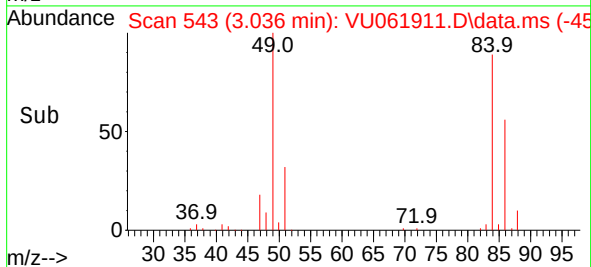
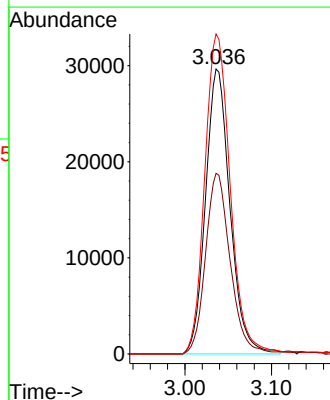
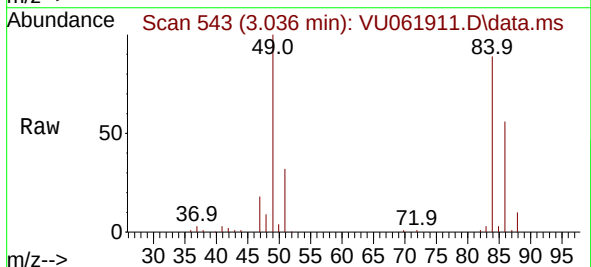
Tgt Ion: 84 Resp: 58368

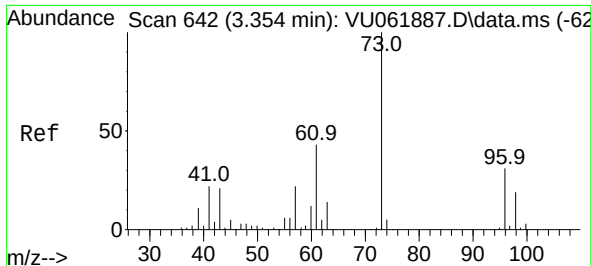
Ion Ratio Lower Upper

84 100

86 63.4 43.5 80.7

49 112.3 81.9 152.1

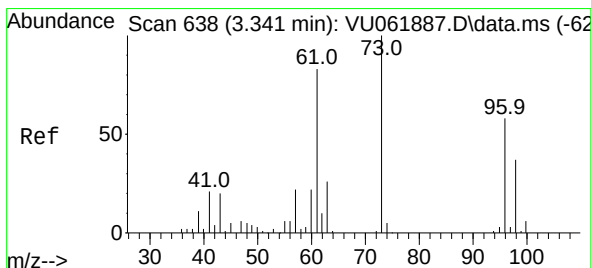
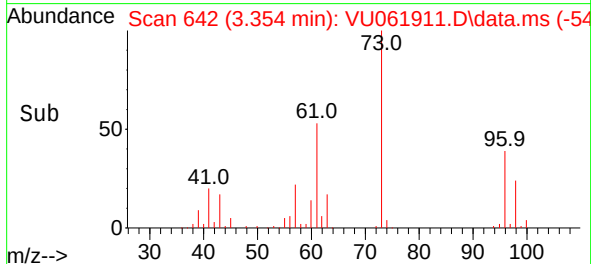
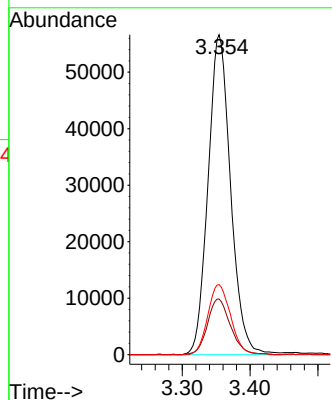
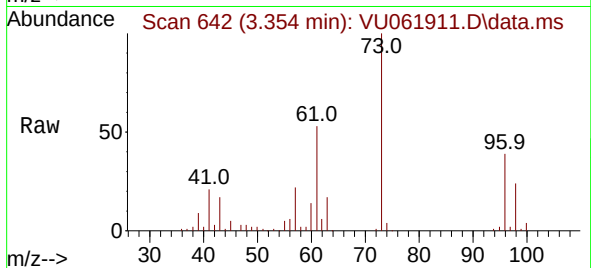




#17
Methyl tert-butyl Ether
Concen: 4.501 ug/L
RT: 3.354 min Scan# 642
Delta R.T. 0.000 min
Lab File: VU061911.D
Acq: 21 Nov 2024 11:15

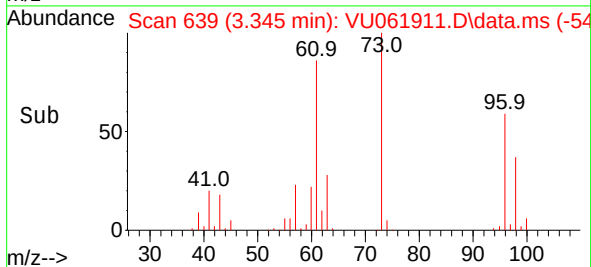
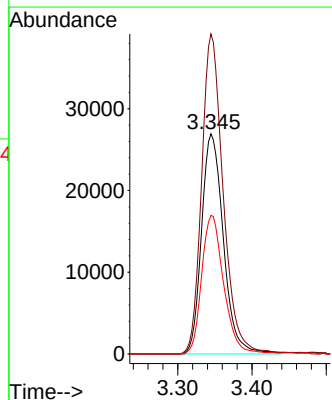
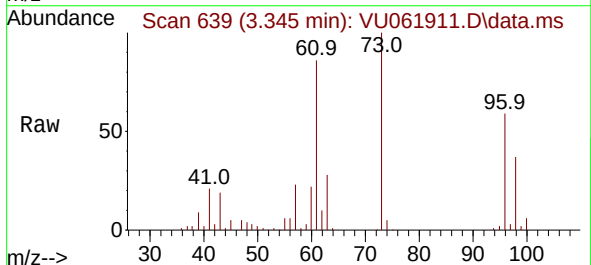
Instrument :
MSVOA_U
ClientSampleId :

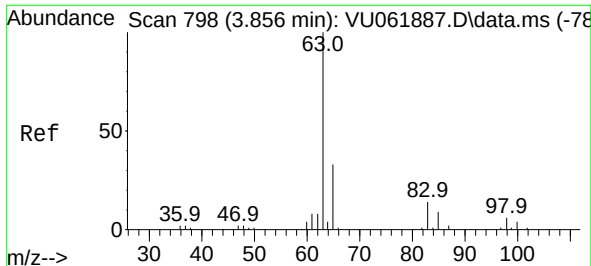
Tgt Ion: 73 Resp: 130909
Ion Ratio Lower Upper
73 100
43 17.9 16.3 24.5
57 22.2 17.1 25.7



#18
trans-1,2-Dichloroethene
Concen: 4.593 ug/L
RT: 3.345 min Scan# 639
Delta R.T. 0.003 min
Lab File: VU061911.D
Acq: 21 Nov 2024 11:15

Tgt Ion: 96 Resp: 55097
Ion Ratio Lower Upper
96 100
61 145.4 104.2 193.4
98 63.0 45.7 84.9

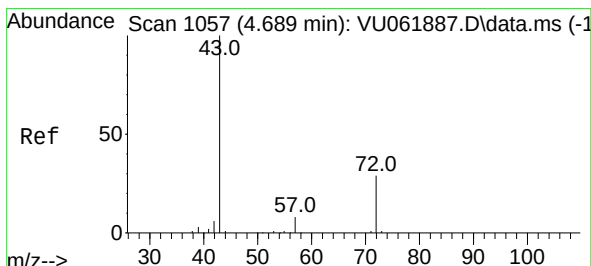
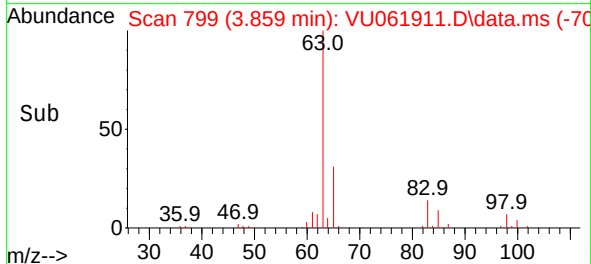
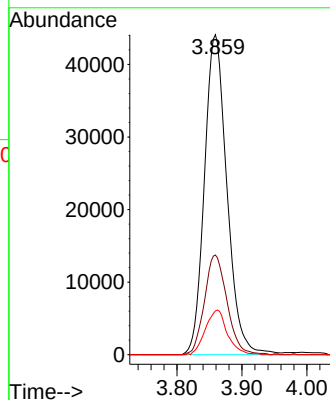
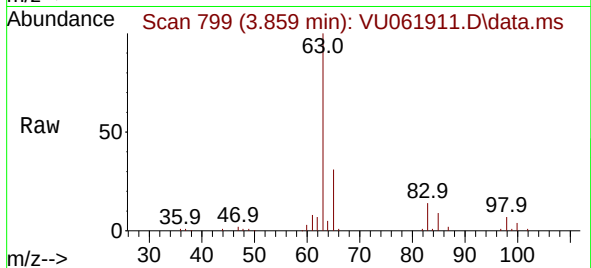




#19
1,1-Dichloroethane
Concen: 4.554 ug/L
RT: 3.859 min Scan# 798
Delta R.T. 0.003 min
Lab File: VU061911.D
Acq: 21 Nov 2024 11:15

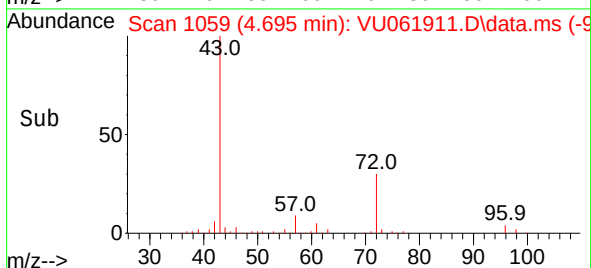
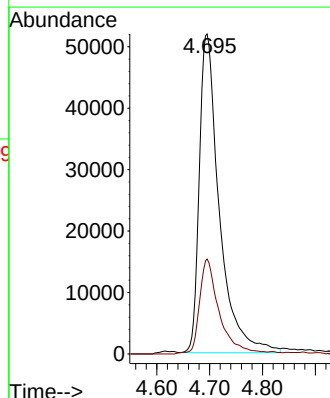
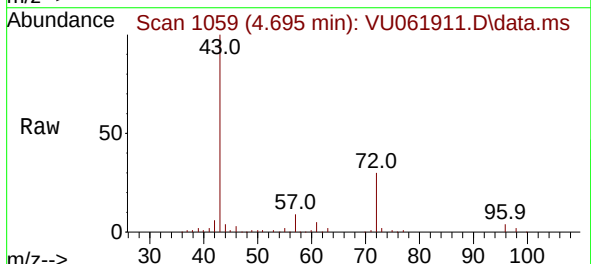
Instrument :
MSVOA_U
ClientSampleId :

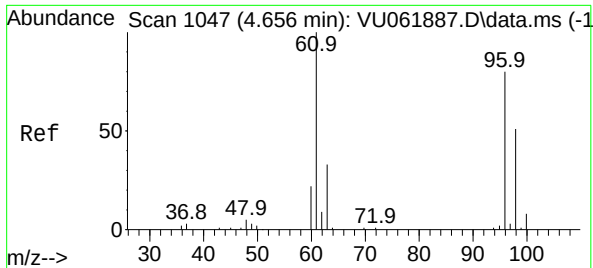
Tgt Ion: 63 Resp: 106401
Ion Ratio Lower Upper
63 100
65 31.2 22.7 42.3
83 13.7 9.9 18.3



#21
2-Butanone
Concen: 46.812 ug/L
RT: 4.695 min Scan# 1059
Delta R.T. 0.007 min
Lab File: VU061911.D
Acq: 21 Nov 2024 11:15

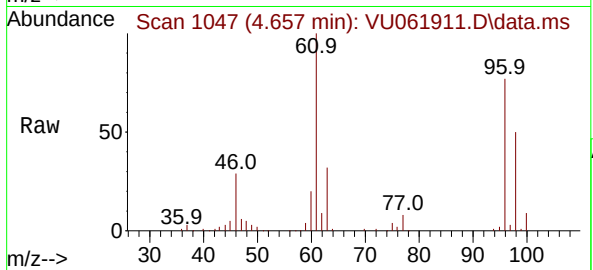
Tgt Ion: 43 Resp: 136139
Ion Ratio Lower Upper
43 100
72 29.3 14.8 44.4





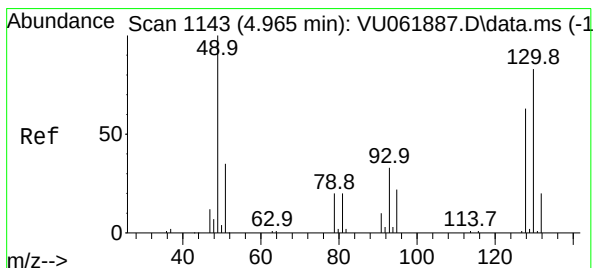
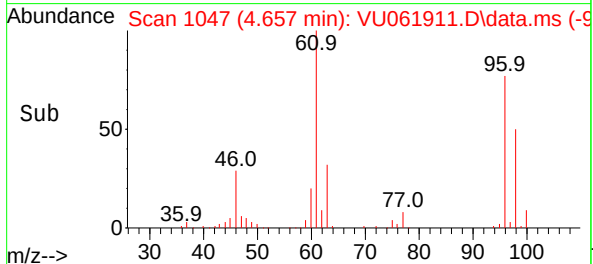
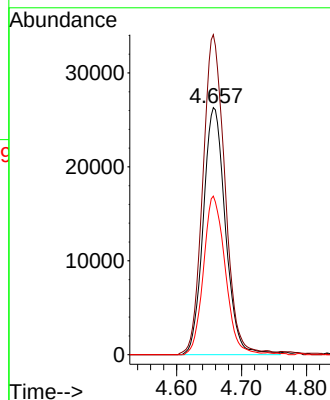
#22
 cis-1,2-Dichloroethene
 Concen: 4.633 ug/L
 RT: 4.657 min Scan# 1047
 Delta R.T. 0.000 min
 Lab File: VU061911.D
 Acq: 21 Nov 2024 11:15

Instrument :
 MSVOA_U
 ClientSampleId :



Tgt Ion: 96 Resp: 62538

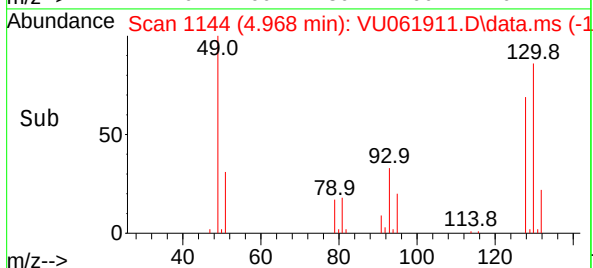
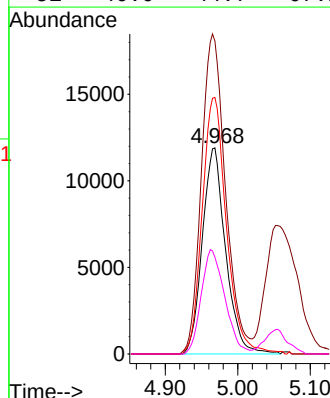
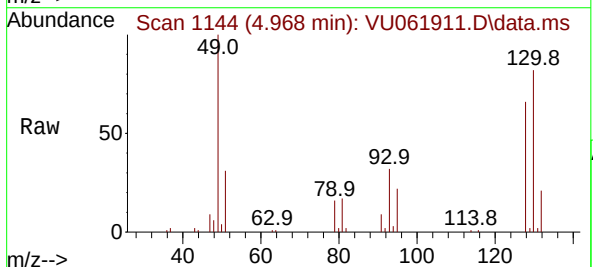
Ion	Ratio	Lower	Upper
96	100		
61	129.5	92.0	170.8
98	64.2	44.5	82.7

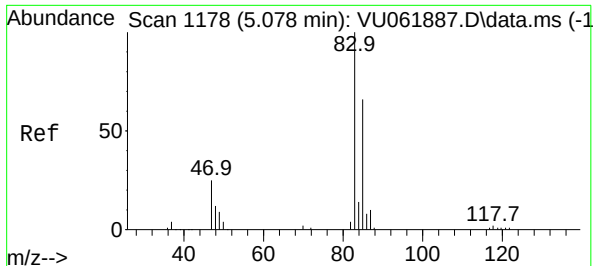


#23
 Bromochloromethane
 Concen: 4.524 ug/L
 RT: 4.968 min Scan# 1144
 Delta R.T. 0.003 min
 Lab File: VU061911.D
 Acq: 21 Nov 2024 11:15

Tgt Ion: 128 Resp: 26546

Ion	Ratio	Lower	Upper
128	100		
49	151.9	115.3	214.1
130	124.5	92.0	170.8
51	46.9	44.7	67.1

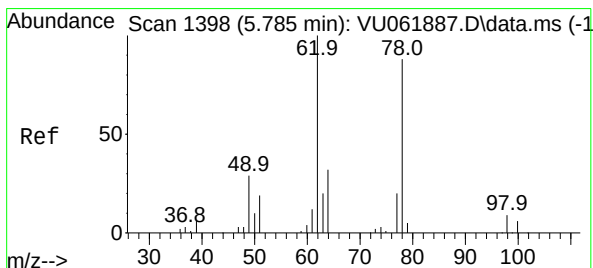
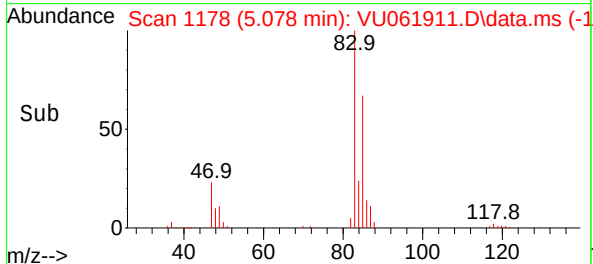
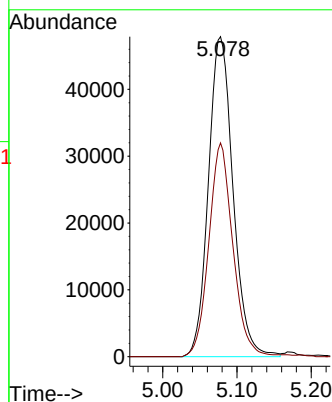
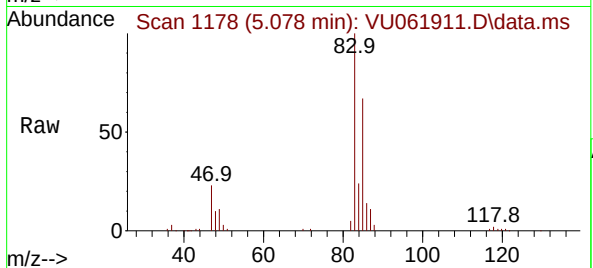




#25
Chloroform
Concen: 4.524 ug/L
RT: 5.078 min Scan# 1178
Delta R.T. 0.000 min
Lab File: VU061911.D
Acq: 21 Nov 2024 11:15

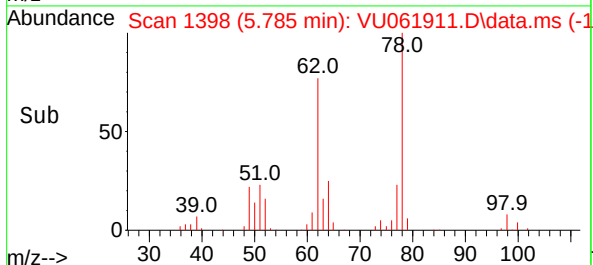
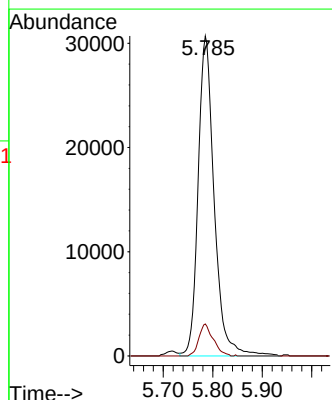
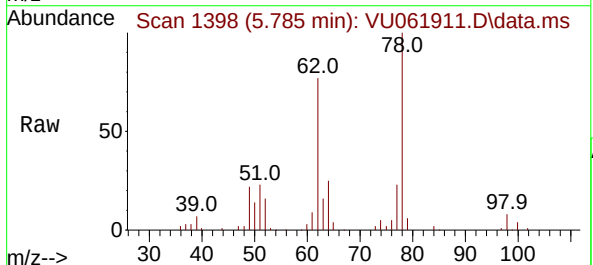
Instrument :
MSVOA_U
ClientSampleId :

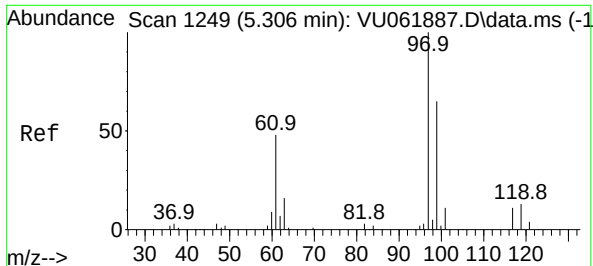
Tgt Ion: 83 Resp: 110492
Ion Ratio Lower Upper
83 100
85 66.8 45.4 84.2



#27
1,2-Dichloroethane
Concen: 4.418 ug/L
RT: 5.785 min Scan# 1398
Delta R.T. 0.000 min
Lab File: VU061911.D
Acq: 21 Nov 2024 11:15

Tgt Ion: 62 Resp: 69423
Ion Ratio Lower Upper
62 100
98 10.0 7.4 11.0

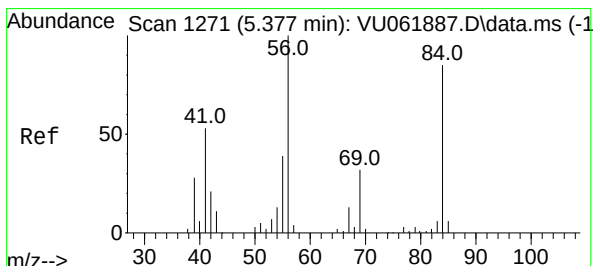
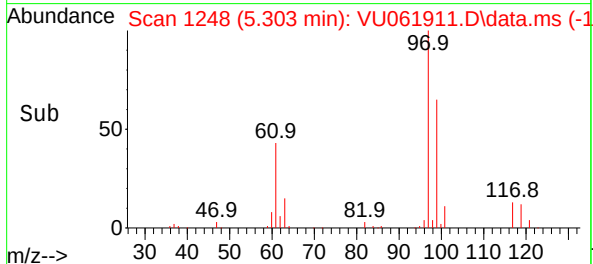
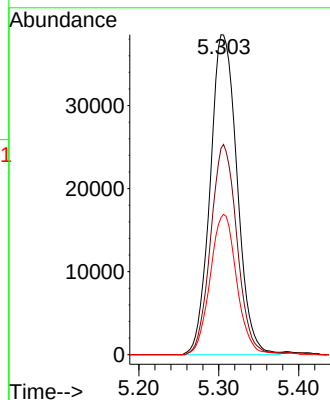
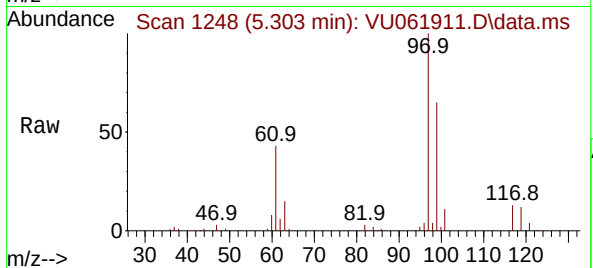




#29
1,1,1-Trichloroethane
Concen: 4.897 ug/L
RT: 5.303 min Scan# 1248
Delta R.T. -0.003 min
Lab File: VU061911.D
Acq: 21 Nov 2024 11:15

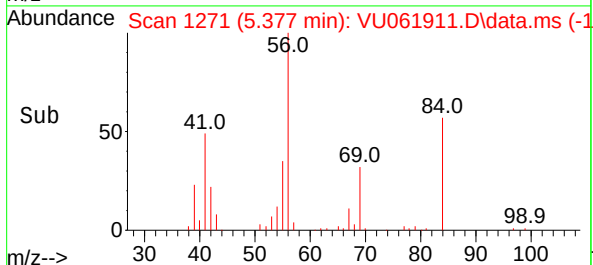
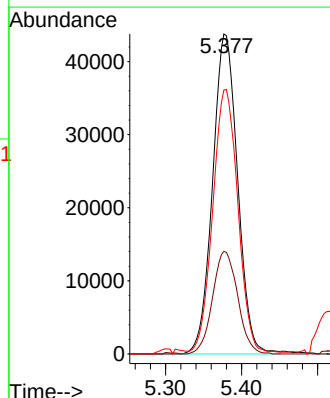
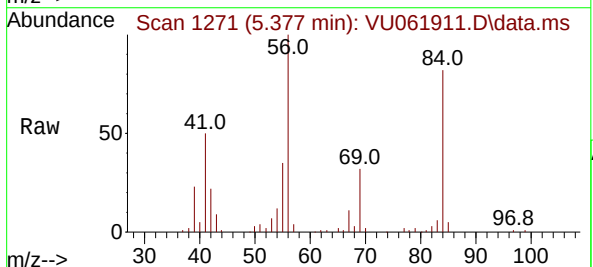
Instrument :
MSVOA_U
ClientSampleId :

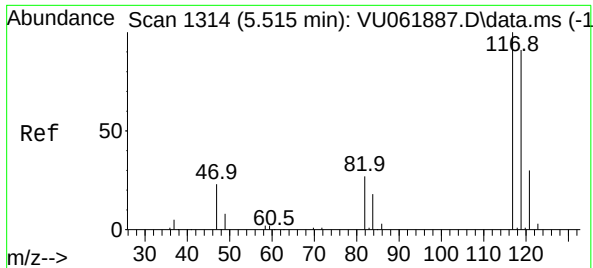
Tgt Ion: 97 Resp: 90162
Ion Ratio Lower Upper
97 100
99 64.2 51.4 77.2
61 43.3 37.8 56.6



#30
Cyclohexane
Concen: 5.189 ug/L
RT: 5.377 min Scan# 1271
Delta R.T. 0.000 min
Lab File: VU061911.D
Acq: 21 Nov 2024 11:15

Tgt Ion: 56 Resp: 99931
Ion Ratio Lower Upper
56 100
69 32.2 25.1 37.7
84 81.9 70.6 105.8

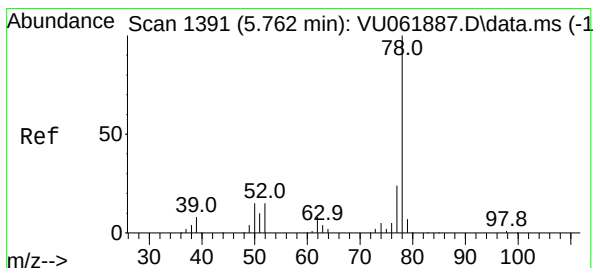
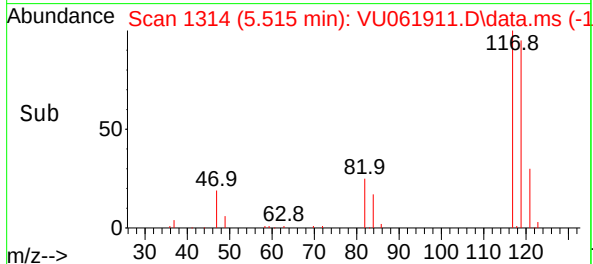
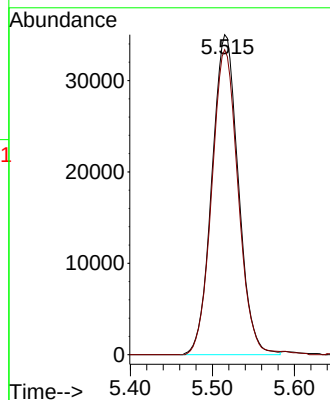
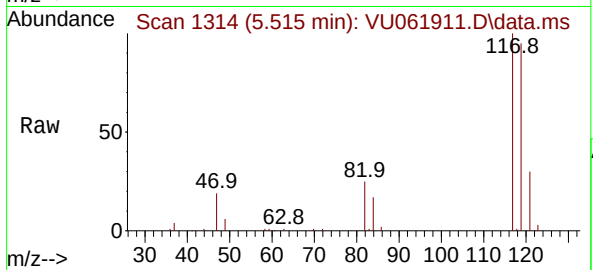




#31
Carbon tetrachloride
Concen: 5.021 ug/L
RT: 5.515 min Scan# 1314
Delta R.T. 0.000 min
Lab File: VU061911.D
Acq: 21 Nov 2024 11:15

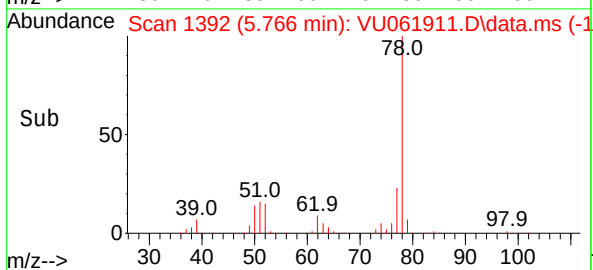
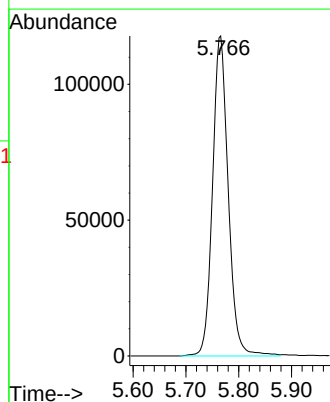
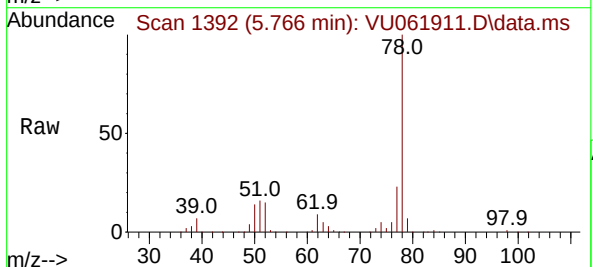
Instrument :
MSVOA_U
ClientSampleId :

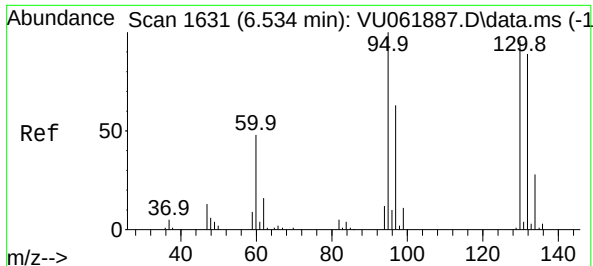
Tgt Ion:117 Resp: 78495
Ion Ratio Lower Upper
117 100
119 95.6 77.5 116.3



#33
Benzene
Concen: 5.038 ug/L
RT: 5.766 min Scan# 1392
Delta R.T. 0.003 min
Lab File: VU061911.D
Acq: 21 Nov 2024 11:15

Tgt Ion: 78 Resp: 243043

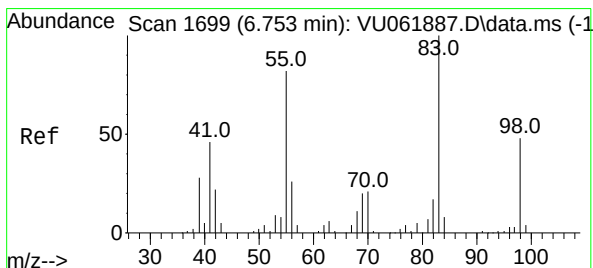
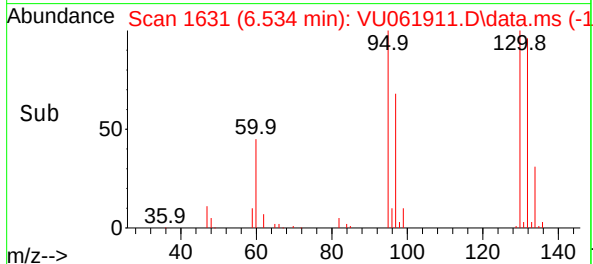
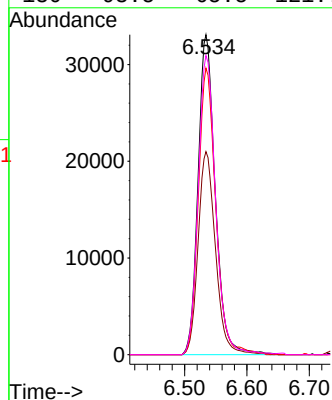
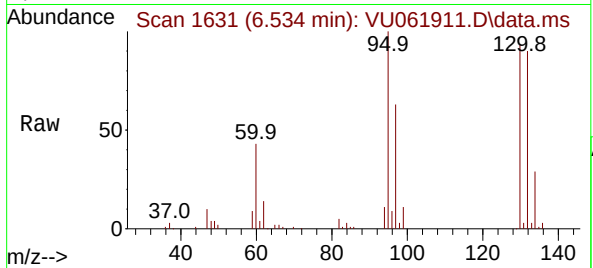




#34
Trichloroethene
Concen: 4.944 ug/L
RT: 6.534 min Scan# 1631
Delta R.T. 0.000 min
Lab File: VU061911.D
Acq: 21 Nov 2024 11:15

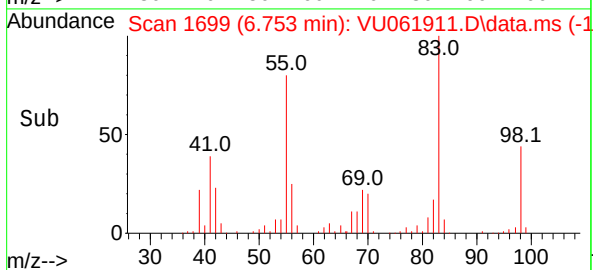
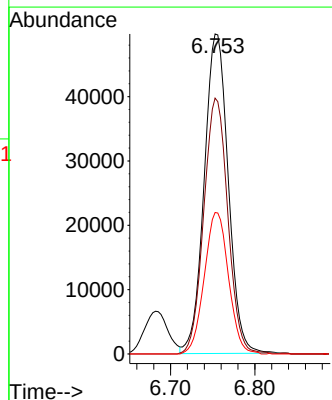
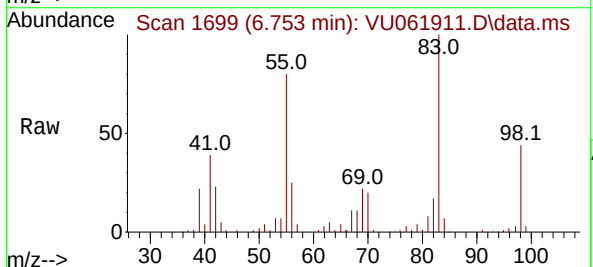
Instrument :
MSVOA_U
ClientSampleId :

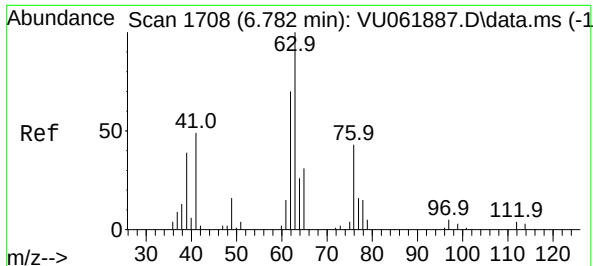
Tgt Ion: 95 Resp: 63658
Ion Ratio Lower Upper
95 100
97 63.5 45.9 85.3
132 89.5 63.8 118.4
130 93.5 65.5 121.7



#35
Methylcyclohexane
Concen: 5.007 ug/L
RT: 6.753 min Scan# 1699
Delta R.T. 0.000 min
Lab File: VU061911.D
Acq: 21 Nov 2024 11:15

Tgt Ion: 83 Resp: 98615
Ion Ratio Lower Upper
83 100
55 80.2 60.7 91.1
98 44.5 34.8 52.2

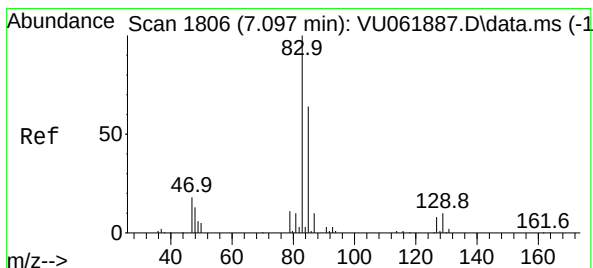
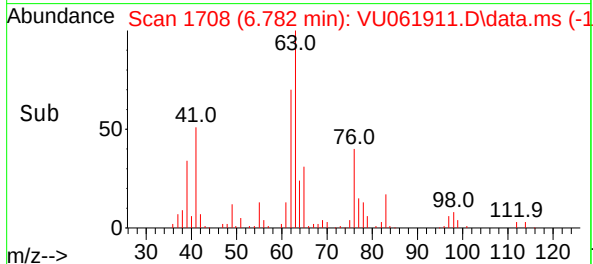
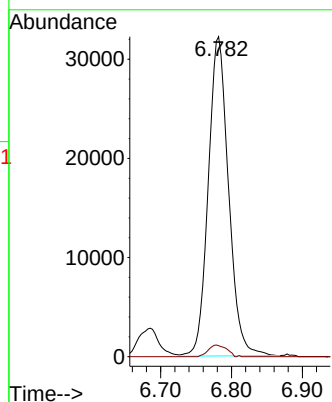
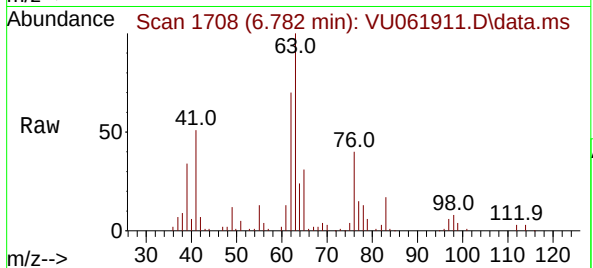




#37
1,2-Dichloropropane
Concen: 5.108 ug/L
RT: 6.782 min Scan# 1
Delta R.T. 0.000 min
Lab File: VU061911.D
Acq: 21 Nov 2024 11:15

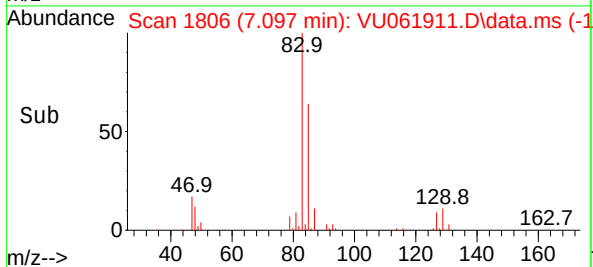
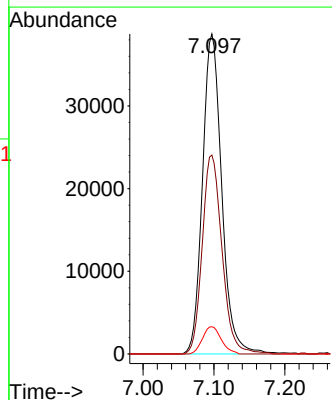
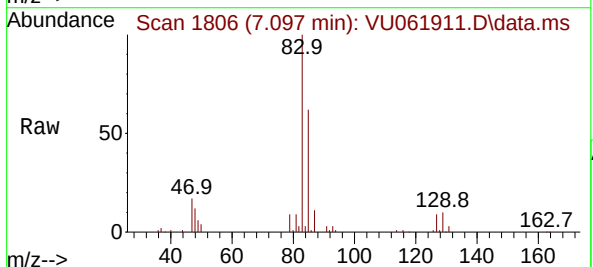
Instrument :
MSVOA_U
ClientSampleId :

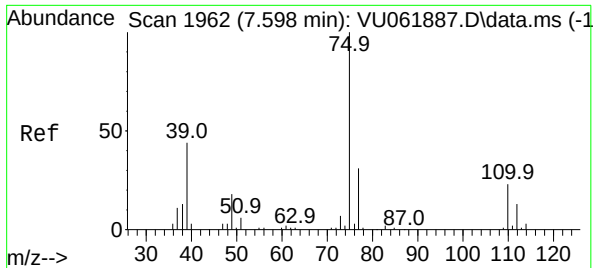
Tgt Ion: 63 Resp: 64024
Ion Ratio Lower Upper
63 100
112 3.3 3.4 5.0#



#38
Bromodichloromethane
Concen: 4.810 ug/L
RT: 7.097 min Scan# 1806
Delta R.T. 0.000 min
Lab File: VU061911.D
Acq: 21 Nov 2024 11:15

Tgt Ion: 83 Resp: 73107
Ion Ratio Lower Upper
83 100
85 62.1 44.1 81.9
127 8.5 6.9 10.3

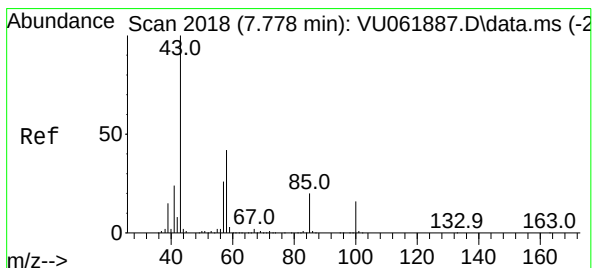
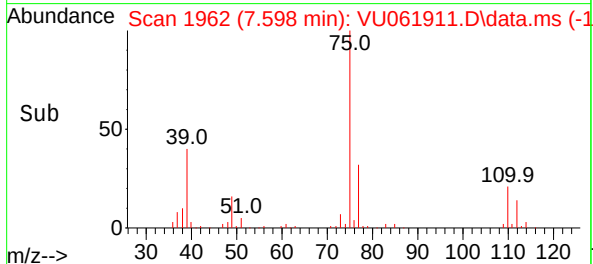
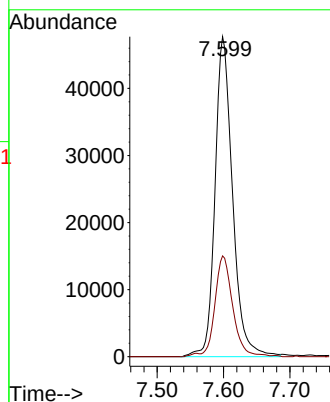
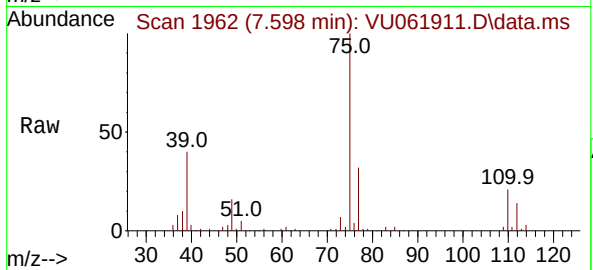




#39
 cis-1,3-Dichloropropene
 Concen: 4.994 ug/L
 RT: 7.598 min Scan# 1962
 Delta R.T. 0.000 min
 Lab File: VU061911.D
 Acq: 21 Nov 2024 11:15

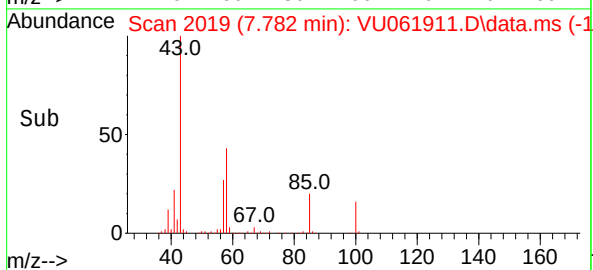
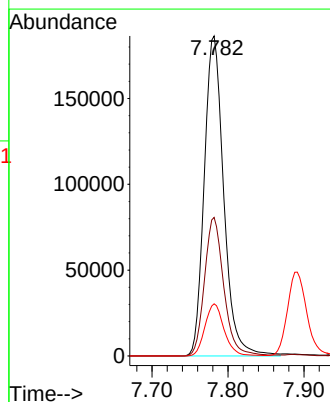
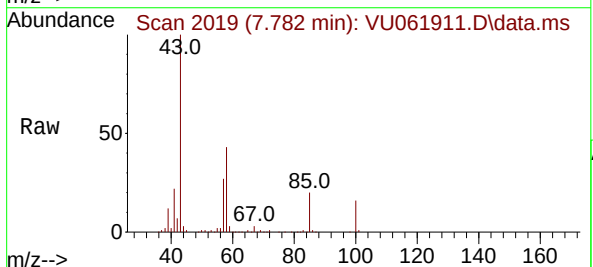
Instrument :
 MSVOA_U
 ClientSampleId :

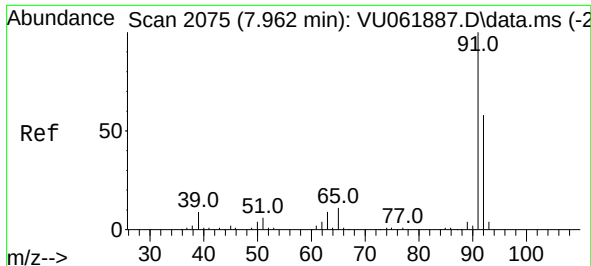
Tgt Ion: 75 Resp: 87767
 Ion Ratio Lower Upper
 75 100
 77 31.5 22.3 41.3



#40
 4-Methyl-2-pentanone
 Concen: 49.095 ug/L
 RT: 7.782 min Scan# 2019
 Delta R.T. 0.003 min
 Lab File: VU061911.D
 Acq: 21 Nov 2024 11:15

Tgt Ion: 43 Resp: 332010
 Ion Ratio Lower Upper
 43 100
 58 42.8 33.3 49.9
 100 16.1 12.4 18.6





#42

Toluene

Concen: 5.097 ug/L

RT: 7.962 min Scan# 2075

Delta R.T. 0.000 min

Lab File: VU061911.D

Acq: 21 Nov 2024 11:15

Instrument :

MSVOA_U

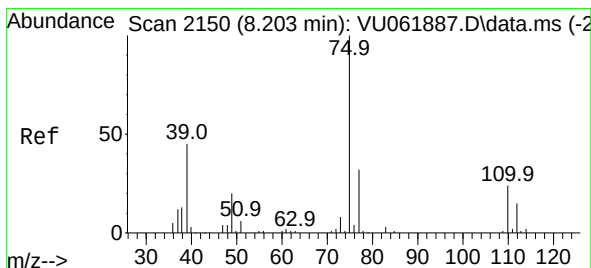
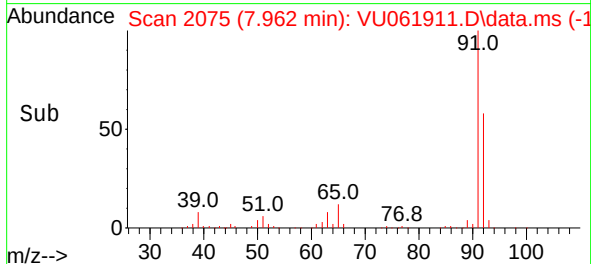
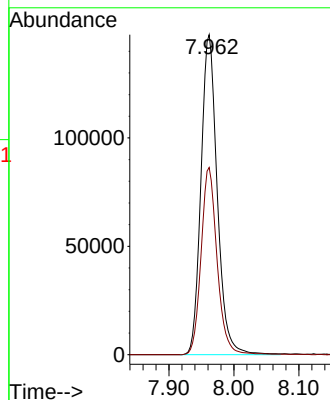
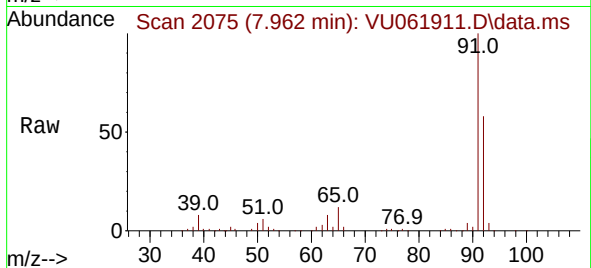
ClientSampleId :

Tgt Ion: 91 Resp: 258051

Ion Ratio Lower Upper

91 100

92 58.5 39.0 72.4



#44

trans-1,3-Dichloropropene

Concen: 4.892 ug/L

RT: 8.203 min Scan# 2150

Delta R.T. 0.000 min

Lab File: VU061911.D

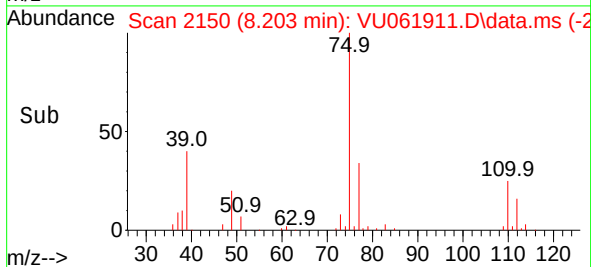
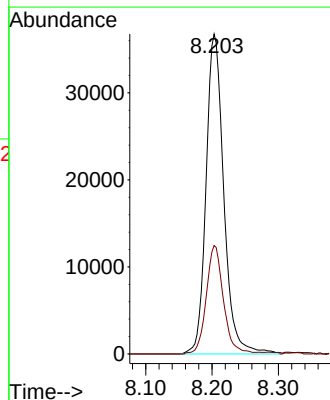
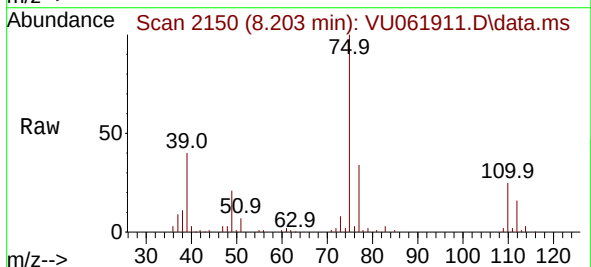
Acq: 21 Nov 2024 11:15

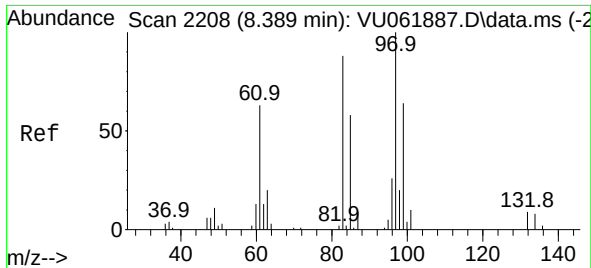
Tgt Ion: 75 Resp: 68276

Ion Ratio Lower Upper

75 100

77 33.9 21.8 40.4

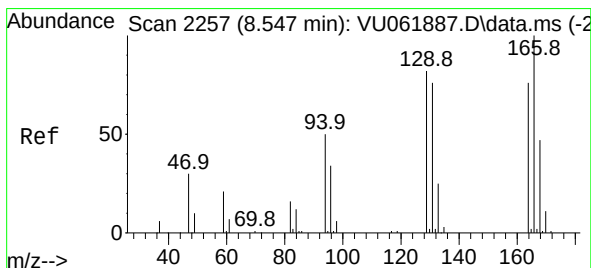
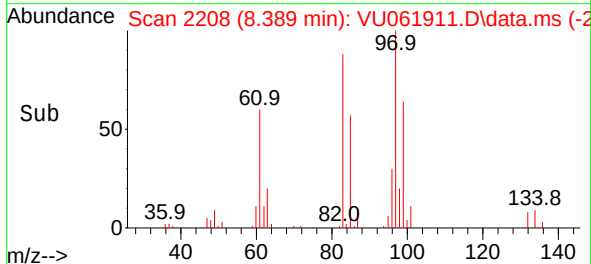
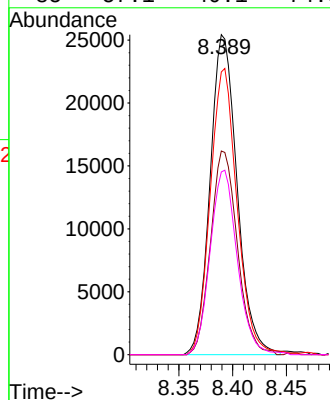
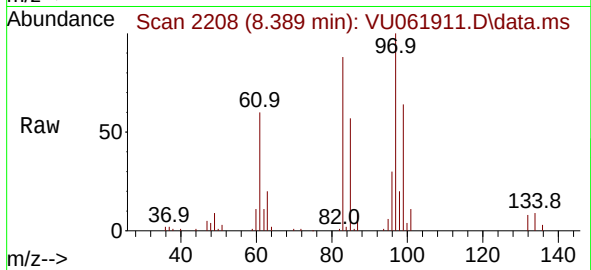




#45
1,1,2-Trichloroethane
Concen: 4.806 ug/L
RT: 8.389 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU061911.D
Acq: 21 Nov 2024 11:15

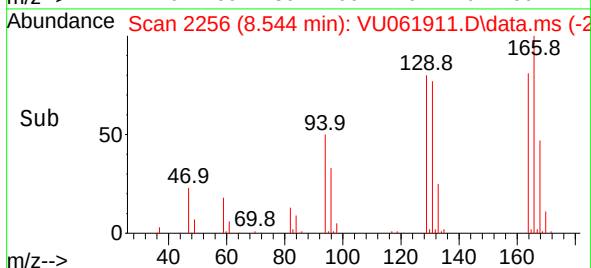
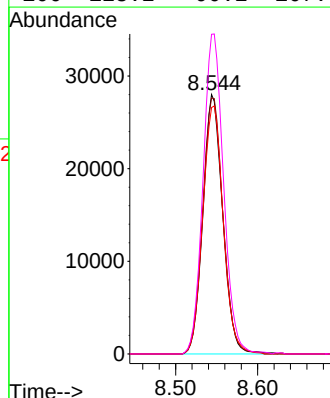
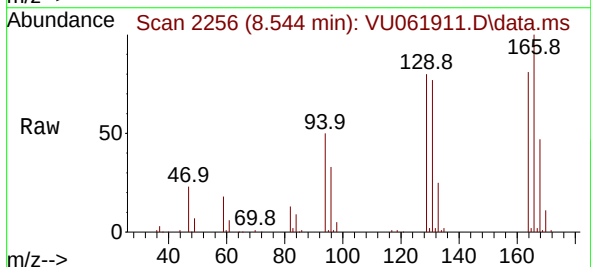
Instrument :
MSVOA_U
ClientSampleId :

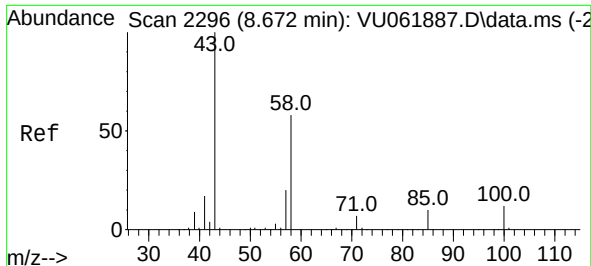
Tgt Ion:	97	Resp:	44375
Ion	Ratio	Lower	Upper
97	100		
99	63.6	43.0	79.8
83	88.3	61.7	114.5
85	57.1	40.1	74.5



#47
Tetrachloroethene
Concen: 5.008 ug/L
RT: 8.544 min Scan# 2256
Delta R.T. -0.003 min
Lab File: VU061911.D
Acq: 21 Nov 2024 11:15

Tgt Ion:	164	Resp:	46895
Ion	Ratio	Lower	Upper
164	100		
129	98.6	73.2	136.0
131	94.9	72.3	134.3
166	123.2	90.2	167.4



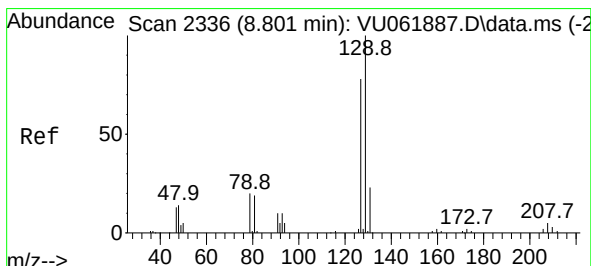
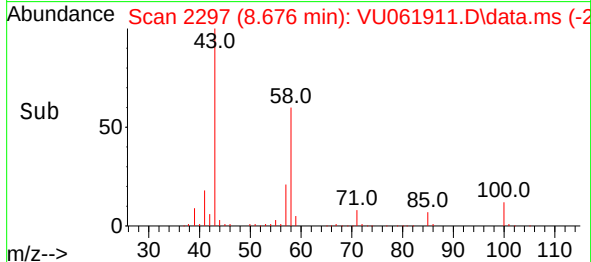
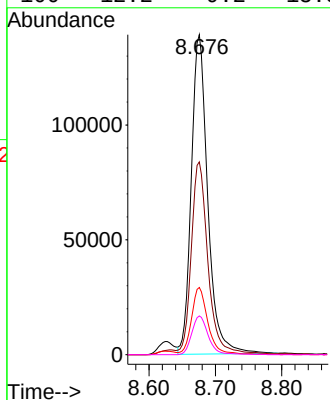
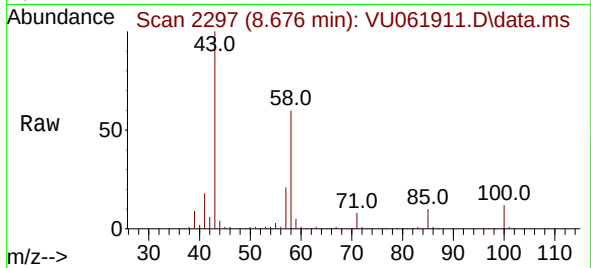


#48
2-Hexanone
Concen: 47.251 ug/L
RT: 8.676 min Scan# 21
Delta R.T. 0.003 min
Lab File: VU061911.D
Acq: 21 Nov 2024 11:15

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 43 Resp: 239306

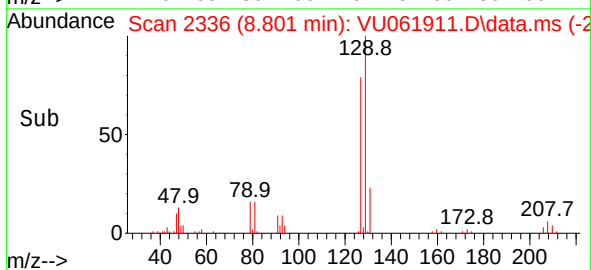
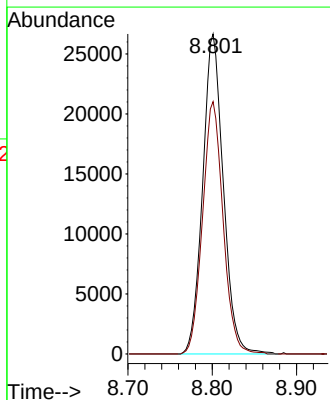
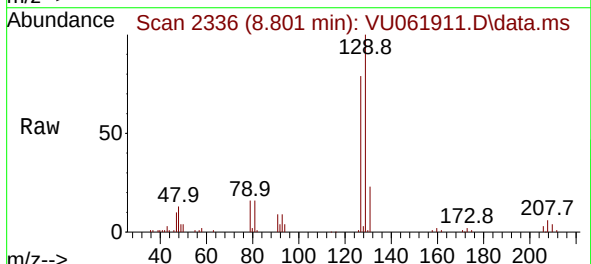
Ion	Ratio	Lower	Upper
43	100		
58	60.7	47.5	71.3
57	20.4	15.6	23.4
100	12.2	9.2	13.8

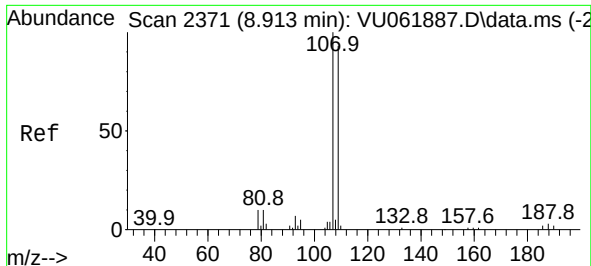


#49
Dibromochloromethane
Concen: 4.661 ug/L
RT: 8.801 min Scan# 2336
Delta R.T. 0.000 min
Lab File: VU061911.D
Acq: 21 Nov 2024 11:15

Tgt Ion: 129 Resp: 45466

Ion	Ratio	Lower	Upper
129	100		
127	78.8	51.1	94.9





#50

1,2-Dibromoethane

Concen: 4.505 ug/L

RT: 8.917 min Scan# 24

Delta R.T. 0.003 min

Lab File: VU061911.D

Acq: 21 Nov 2024 11:15

Instrument :

MSVOA_U

ClientSampleId :

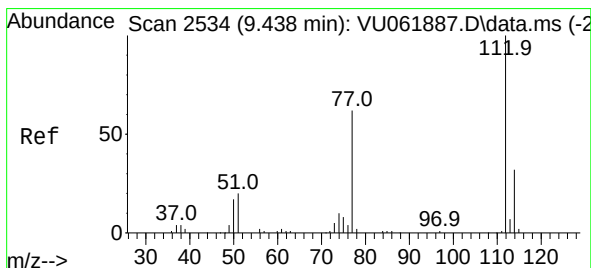
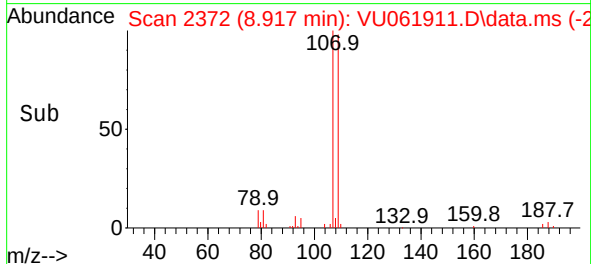
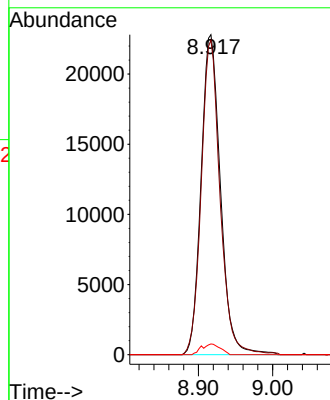
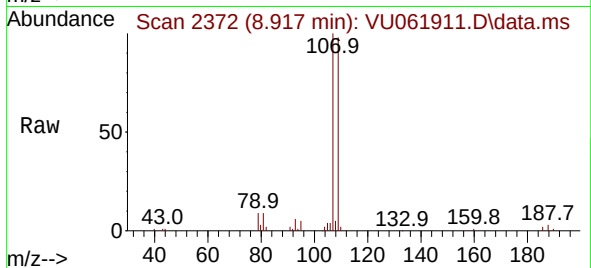
Tgt Ion:107 Resp: 41284

Ion Ratio Lower Upper

107 100

109 98.3 66.8 124.2

188 3.3 2.3 3.5



#51

Chlorobenzene

Concen: 4.524 ug/L

RT: 9.441 min Scan# 2535

Delta R.T. 0.003 min

Lab File: VU061911.D

Acq: 21 Nov 2024 11:15

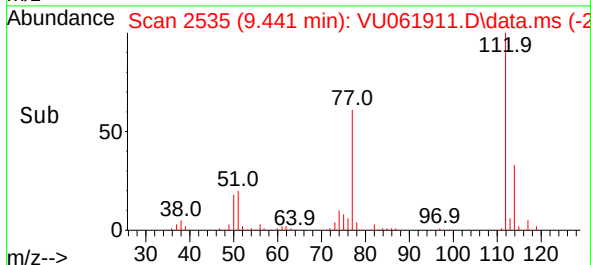
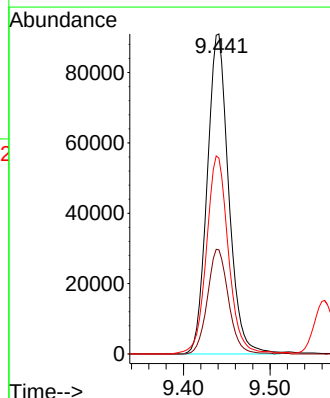
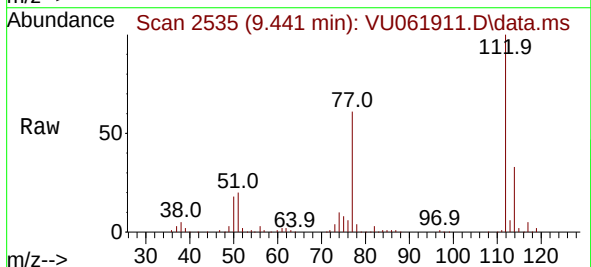
Tgt Ion:112 Resp: 156849

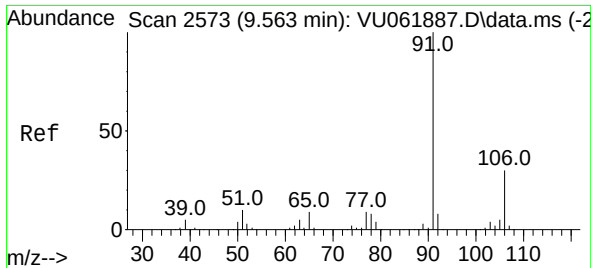
Ion Ratio Lower Upper

112 100

114 32.5 23.0 42.6

77 61.2 50.5 75.7





#52

Ethylbenzene

Concen: 4.543 ug/L

RT: 9.563 min Scan# 2573

Delta R.T. 0.000 min

Lab File: VU061911.D

Acq: 21 Nov 2024 11:15

Instrument :

MSVOA_U

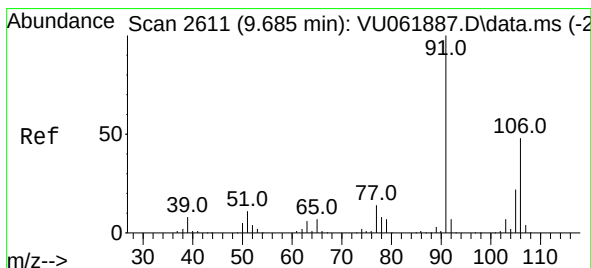
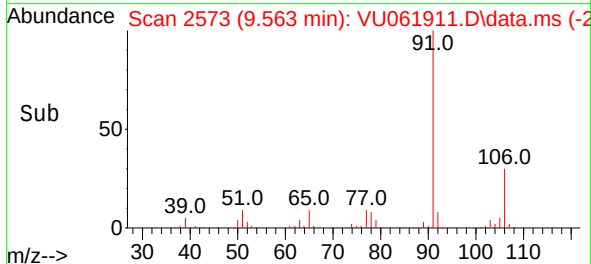
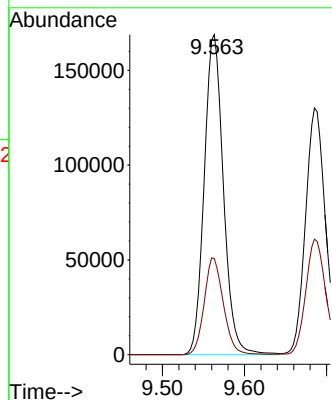
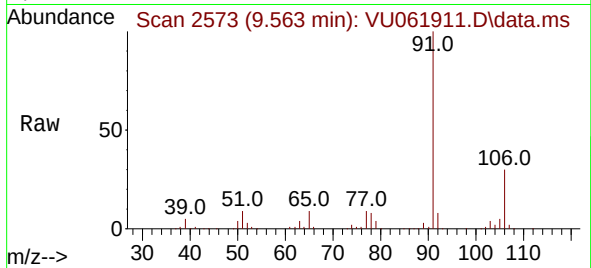
ClientSampleId :

Tgt Ion: 91 Resp: 275211

Ion Ratio Lower Upper

91 100

106 30.1 21.6 40.0



#53

m,p-Xylene

Concen: 4.888 ug/L

RT: 9.685 min Scan# 2611

Delta R.T. 0.000 min

Lab File: VU061911.D

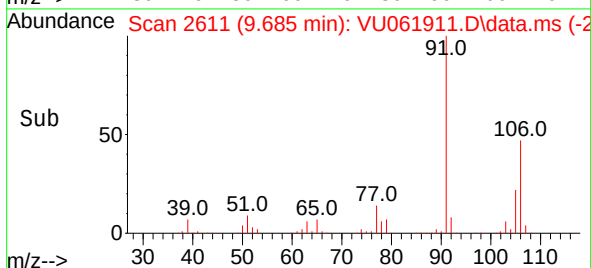
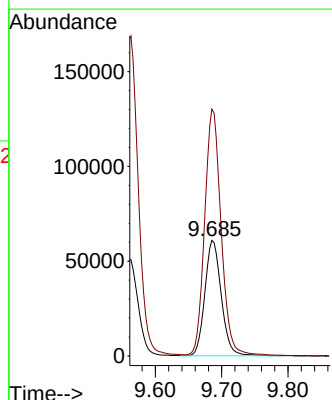
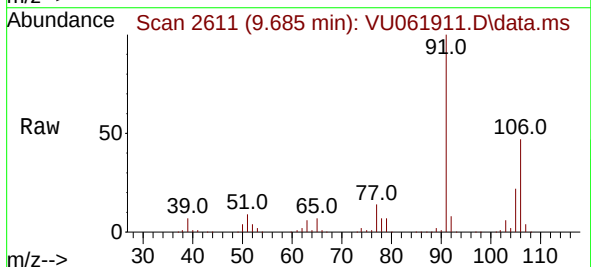
Acq: 21 Nov 2024 11:15

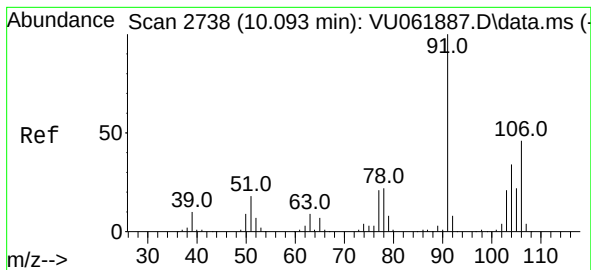
Tgt Ion:106 Resp: 104503

Ion Ratio Lower Upper

106 100

91 213.7 147.6 274.0





#54

o-Xylene

Concen: 4.666 ug/L

RT: 10.094 min Scan# 2738

Delta R.T. 0.000 min

Lab File: VU061911.D

Acq: 21 Nov 2024 11:15

Instrument :

MSVOA_U

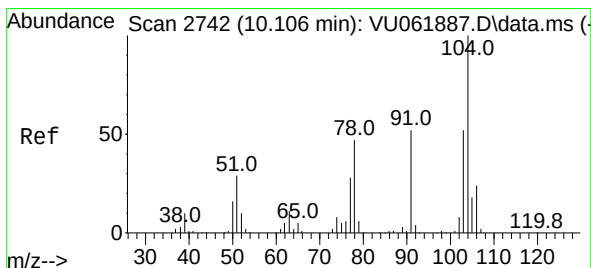
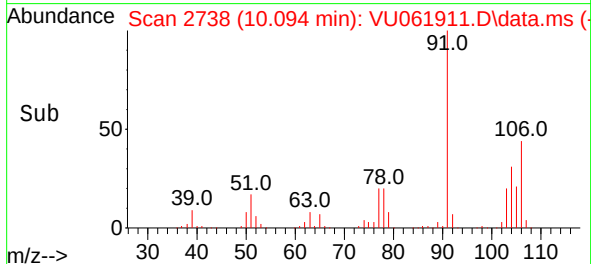
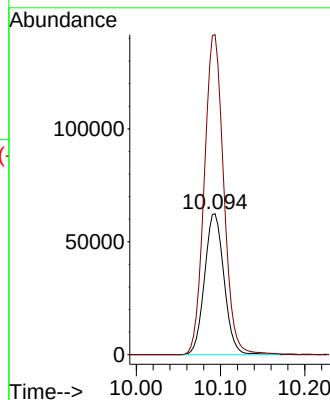
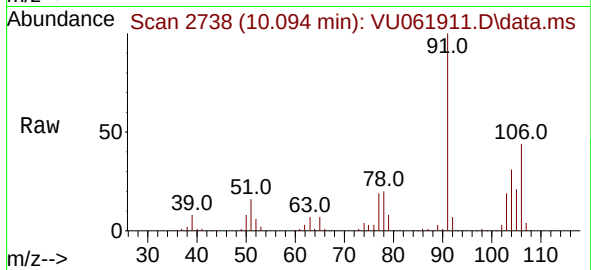
ClientSampleId :

Tgt Ion:106 Resp: 100678

Ion Ratio Lower Upper

106 100

91 226.9 159.8 296.8



#55

Styrene

Concen: 4.659 ug/L

RT: 10.106 min Scan# 2742

Delta R.T. 0.000 min

Lab File: VU061911.D

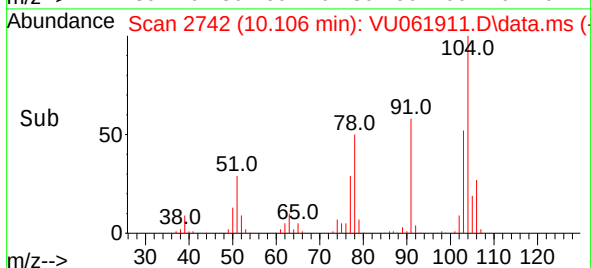
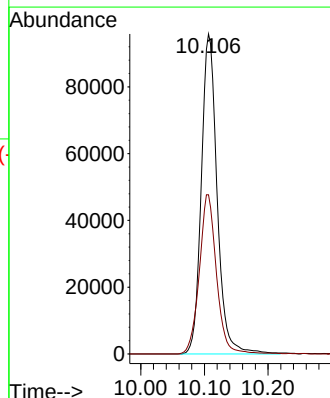
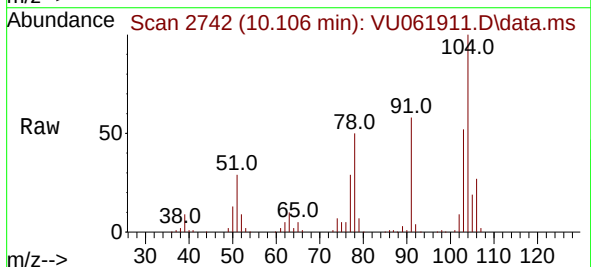
Acq: 21 Nov 2024 11:15

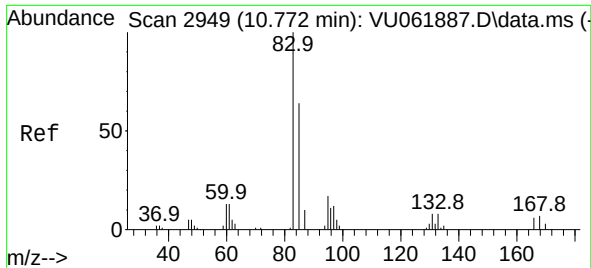
Tgt Ion:104 Resp: 165620

Ion Ratio Lower Upper

104 100

78 49.7 33.2 61.7

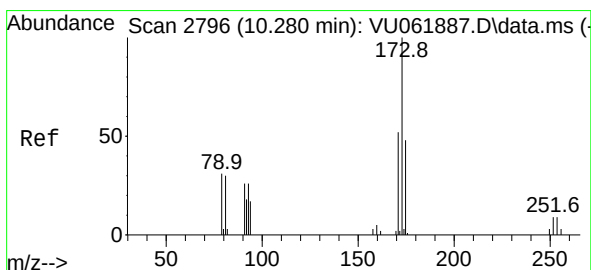
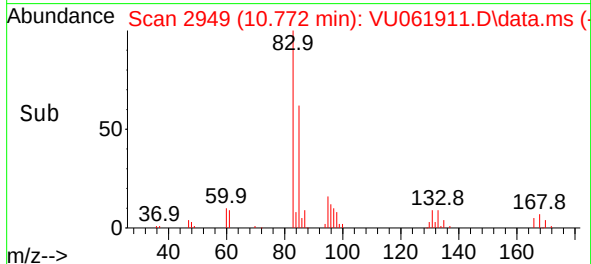
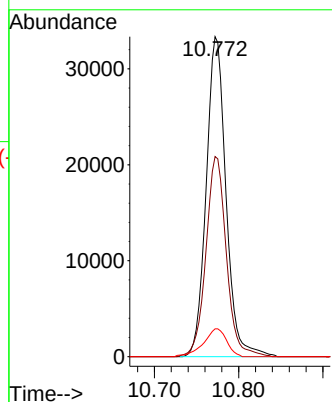
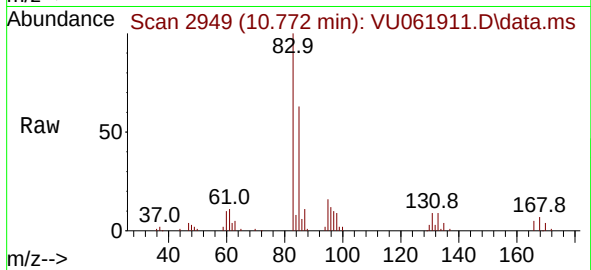




#57
1,1,2,2-Tetrachloroethane
Concen: 4.621 ug/L
RT: 10.772 min Scan# 2949
Delta R.T. 0.000 min
Lab File: VU061911.D
Acq: 21 Nov 2024 11:15

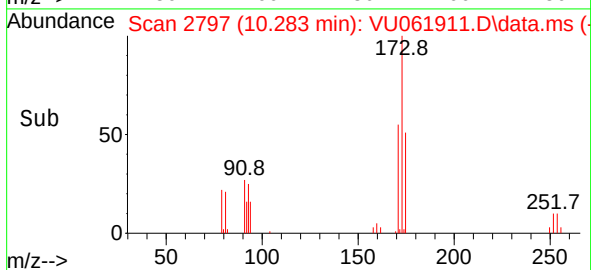
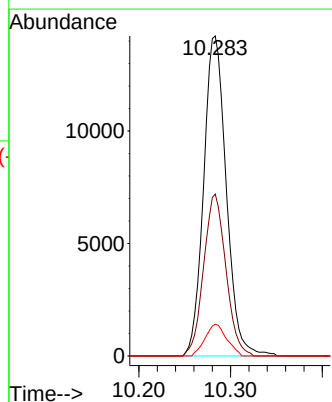
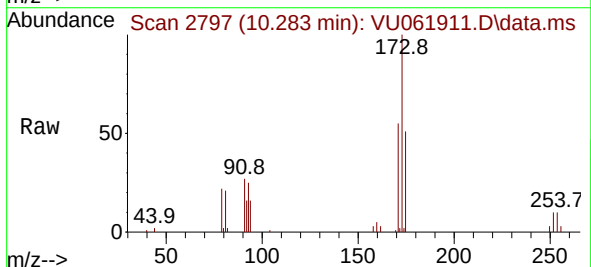
Instrument :
MSVOA_U
ClientSampleId :

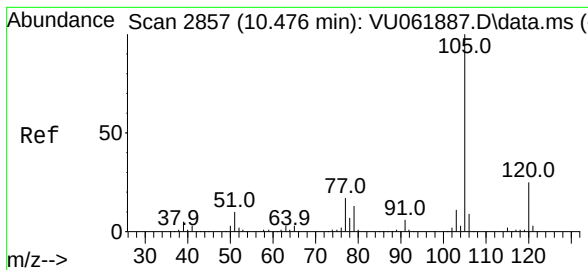
Tgt Ion:	83	Resp:	54681
Ion	Ratio	Lower	Upper
83	100		
85	62.6	44.4	82.4
131	8.7	7.3	10.9



#59
Bromoform
Concen: 4.270 ug/L
RT: 10.283 min Scan# 2797
Delta R.T. 0.003 min
Lab File: VU061911.D
Acq: 21 Nov 2024 11:15

Tgt Ion:	173	Resp:	24413
Ion	Ratio	Lower	Upper
173	100		
175	49.7	39.0	58.4
254	9.4	7.4	11.0





#60

Isopropylbenzene

Concen: 4.540 ug/L

RT: 10.476 min Scan# 2857

Delta R.T. 0.000 min

Lab File: VU061911.D

Acq: 21 Nov 2024 11:15

Instrument :

MSVOA_U

ClientSampleId :

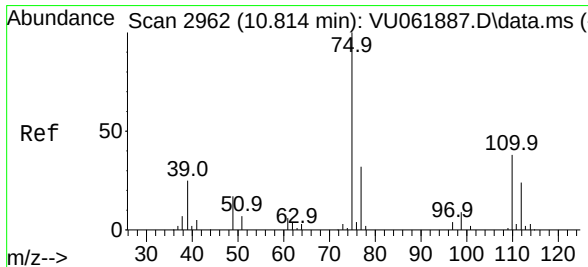
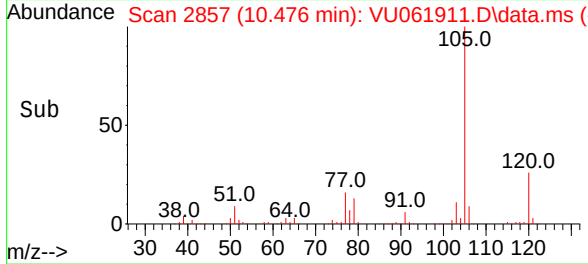
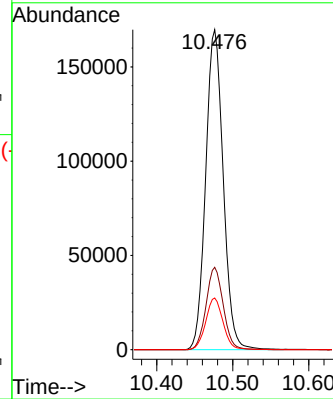
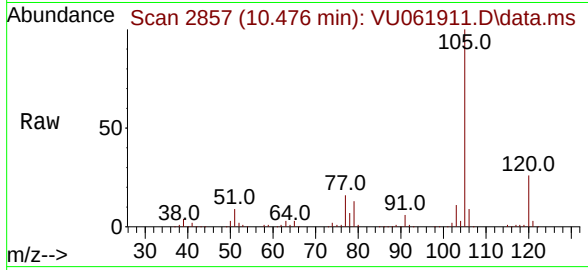
Tgt Ion:105 Resp: 272284

Ion Ratio Lower Upper

105 100

120 25.2 20.6 31.0

77 16.0 13.0 19.6



#61

1,2,3-Trichloropropane

Concen: 4.347 ug/L

RT: 10.814 min Scan# 2962

Delta R.T. 0.000 min

Lab File: VU061911.D

Acq: 21 Nov 2024 11:15

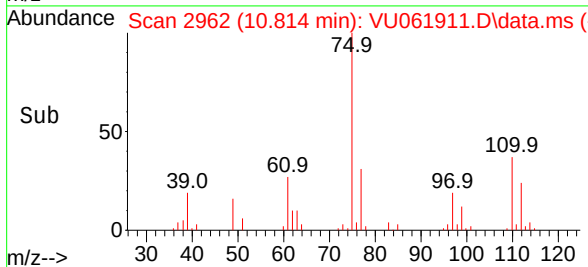
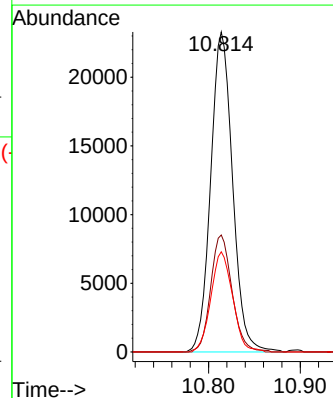
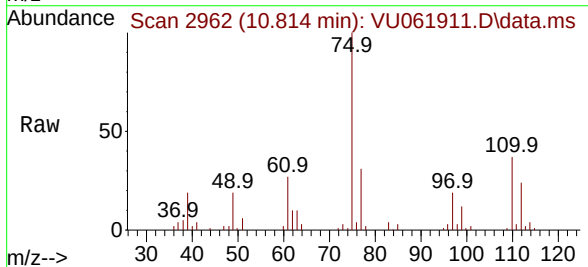
Tgt Ion: 75 Resp: 38653

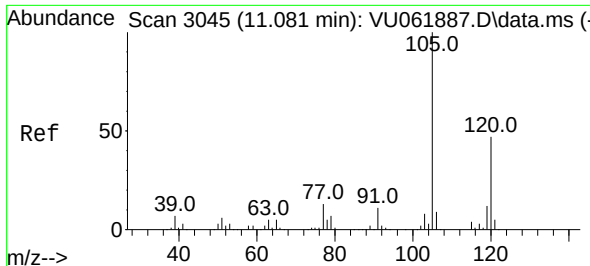
Ion Ratio Lower Upper

75 100

110 35.7 28.9 43.3

77 31.0 26.5 39.7





#62

1,3,5-Trimethylbenzene

Concen: 4.628 ug/L

RT: 11.081 min Scan# 3045

Delta R.T. 0.000 min

Lab File: VU061911.D

Acq: 21 Nov 2024 11:15

Instrument :

MSVOA_U

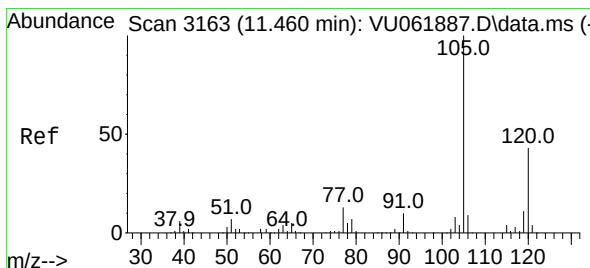
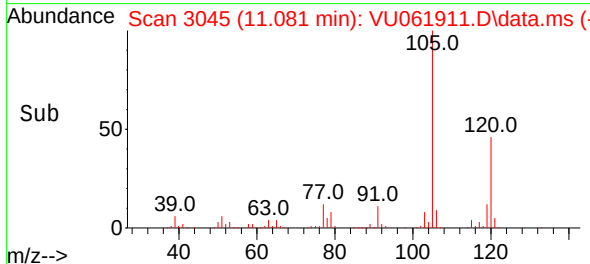
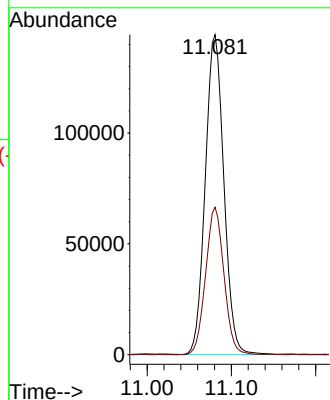
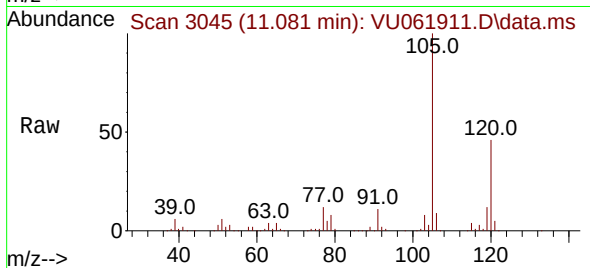
ClientSampleId :

Tgt Ion:105 Resp: 221398

Ion Ratio Lower Upper

105 100

120 45.6 36.7 55.1



#63

1,2,4-Trimethylbenzene

Concen: 4.526 ug/L

RT: 11.460 min Scan# 3163

Delta R.T. 0.000 min

Lab File: VU061911.D

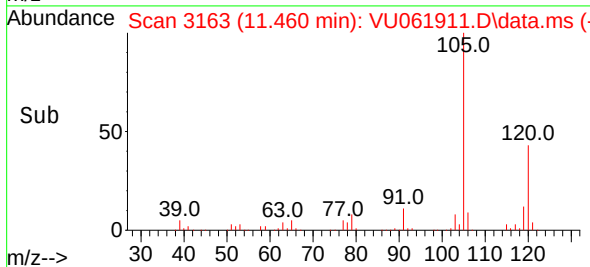
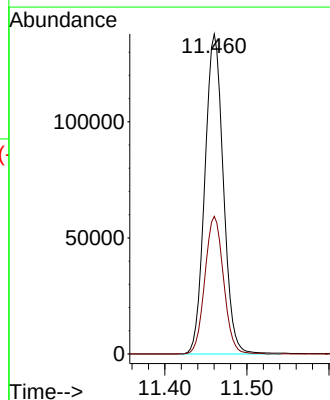
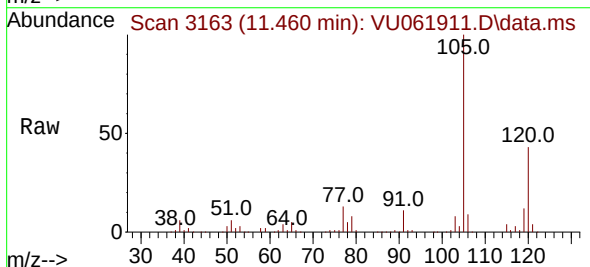
Acq: 21 Nov 2024 11:15

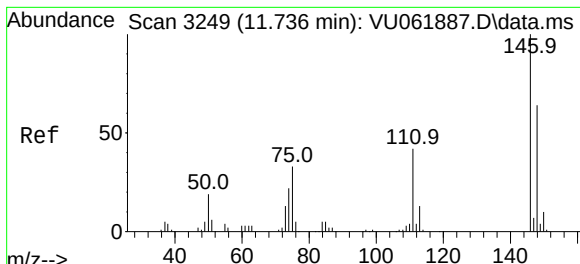
Tgt Ion:105 Resp: 215863

Ion Ratio Lower Upper

105 100

120 43.4 34.7 52.1





#64

1,3-Dichlorobenzene

Concen: 4.512 ug/L

RT: 11.737 min Scan# 3249

Delta R.T. 0.000 min

Lab File: VU061911.D

Acq: 21 Nov 2024 11:15

Instrument :

MSVOA_U

ClientSampleId :

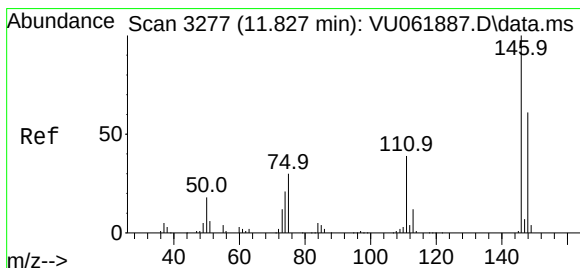
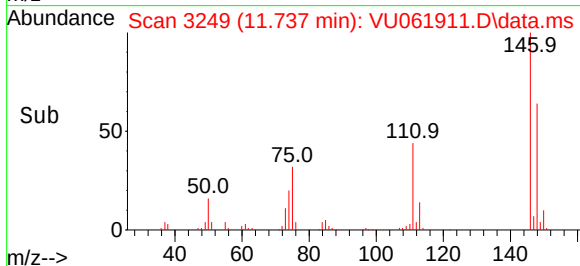
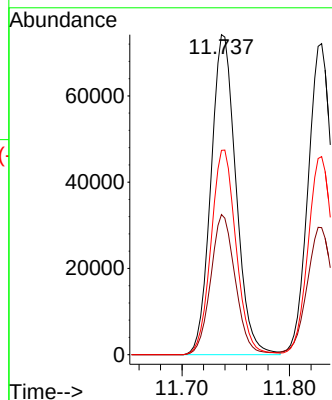
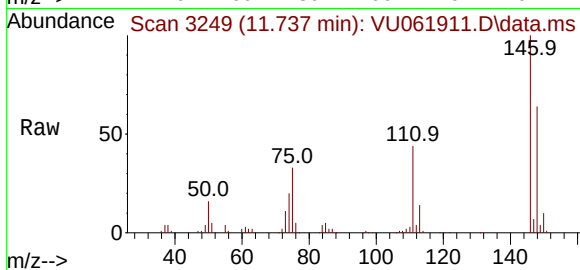
Tgt Ion:146 Resp: 120118

Ion Ratio Lower Upper

146 100

111 43.8 30.7 57.1

148 63.9 45.1 83.7



#65

1,4-Dichlorobenzene

Concen: 4.604 ug/L

RT: 11.830 min Scan# 3278

Delta R.T. 0.003 min

Lab File: VU061911.D

Acq: 21 Nov 2024 11:15

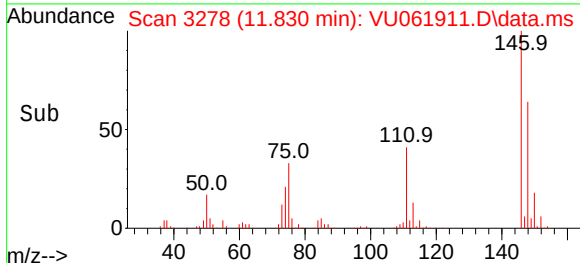
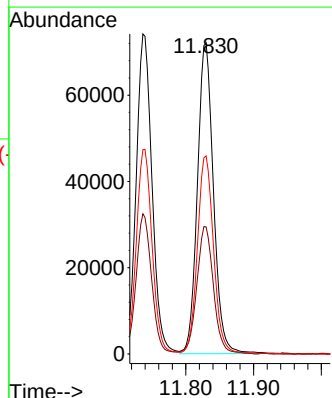
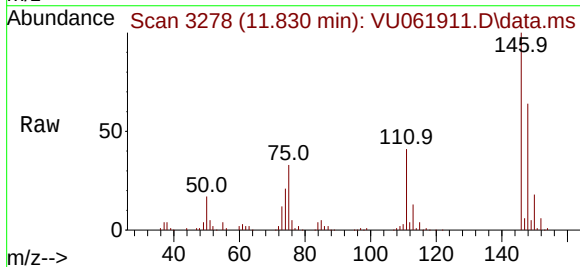
Tgt Ion:146 Resp: 118637

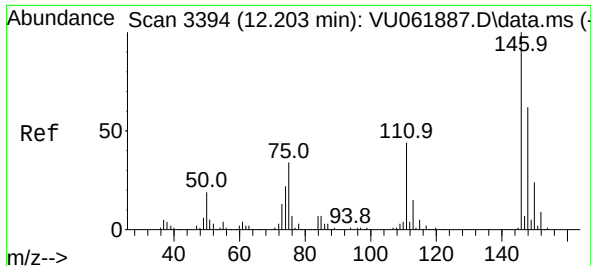
Ion Ratio Lower Upper

146 100

111 40.8 29.3 54.3

148 63.7 44.6 82.8





#67

1,2-Dichlorobenzene

Concen: 4.776 ug/L

RT: 12.206 min Scan# 3394

Delta R.T. 0.003 min

Lab File: VU061911.D

Acq: 21 Nov 2024 11:15

Instrument :

MSVOA_U

ClientSampleId :

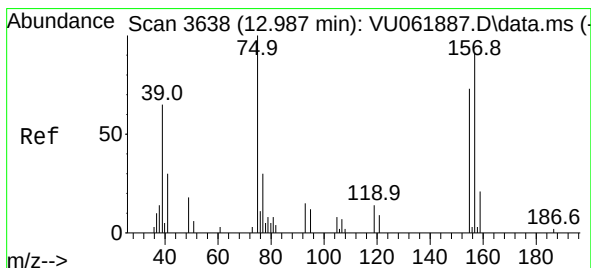
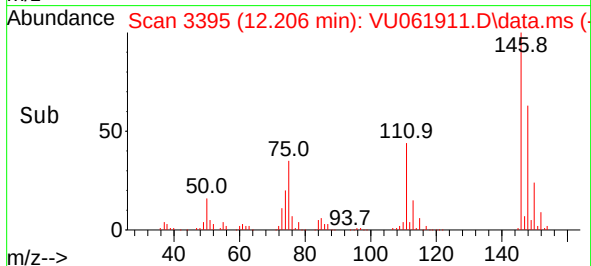
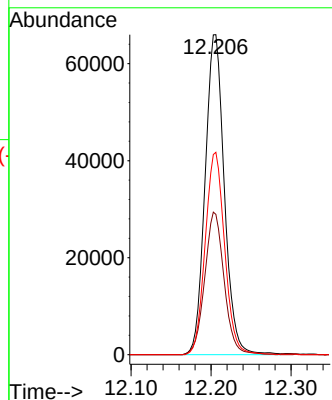
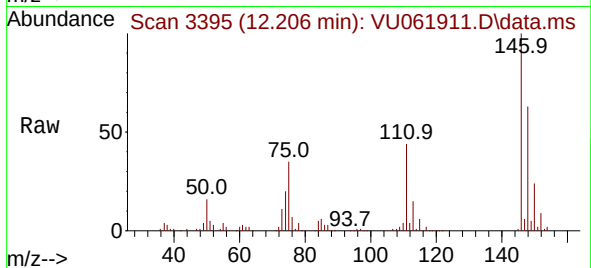
Tgt Ion:146 Resp: 110575

Ion Ratio Lower Upper

146 100

111 43.9 36.0 54.0

148 63.3 52.3 78.5



#68

1,2-Dibromo-3-chloropropane

Concen: 4.864 ug/L

RT: 12.987 min Scan# 3638

Delta R.T. 0.000 min

Lab File: VU061911.D

Acq: 21 Nov 2024 11:15

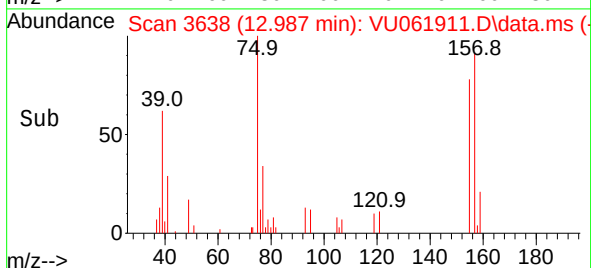
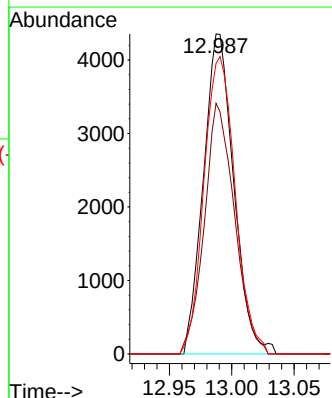
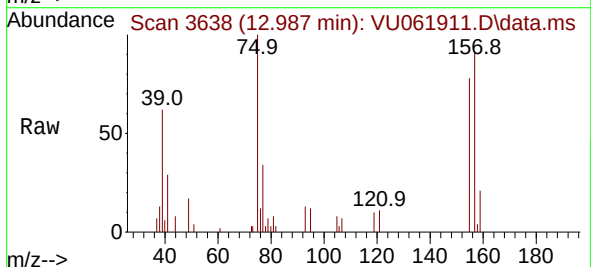
Tgt Ion: 75 Resp: 7381

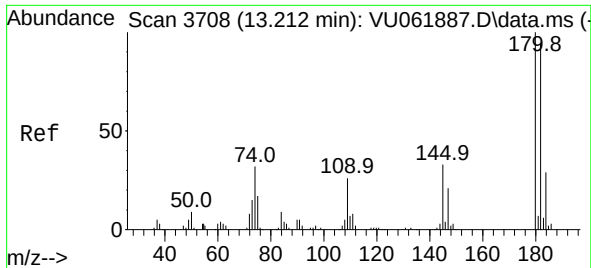
Ion Ratio Lower Upper

75 100

155 78.3 55.2 82.8

157 90.8 73.5 110.3





#69

1,3,5-Trichlorobenzene

Concen: 5.365 ug/L

RT: 13.212 min Scan# 3708

Delta R.T. 0.000 min

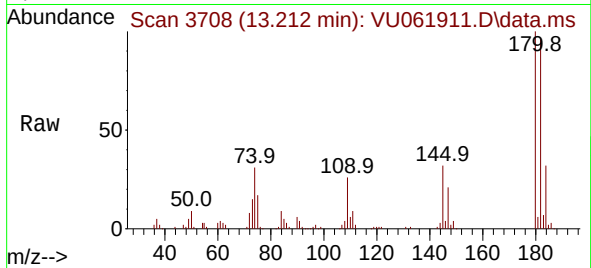
Lab File: VU061911.D

Acq: 21 Nov 2024 11:15

Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion:180 Resp: 84985

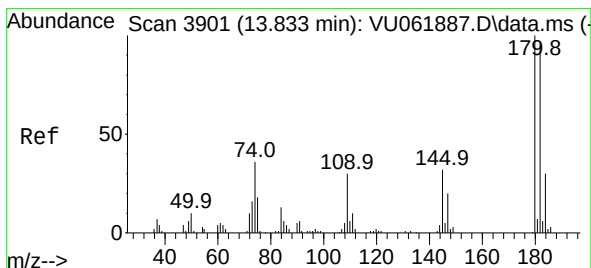
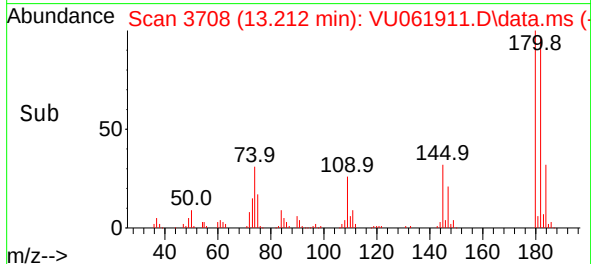
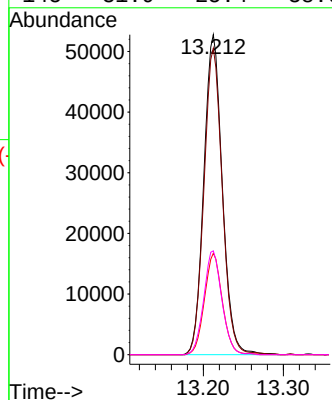
Ion Ratio Lower Upper

180 100

182 95.1 76.7 115.1

184 30.6 24.8 37.2

145 31.9 25.4 38.0



#70

1,2,4-trichlorobenzene

Concen: 5.504 ug/L

RT: 13.833 min Scan# 3901

Delta R.T. 0.000 min

Lab File: VU061911.D

Acq: 21 Nov 2024 11:15

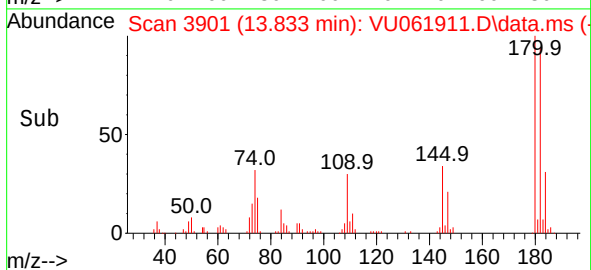
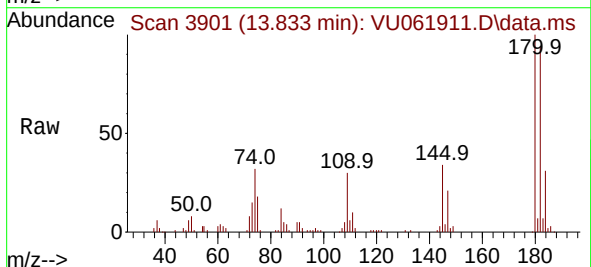
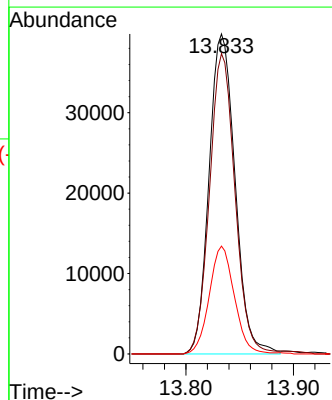
Tgt Ion:180 Resp: 66821

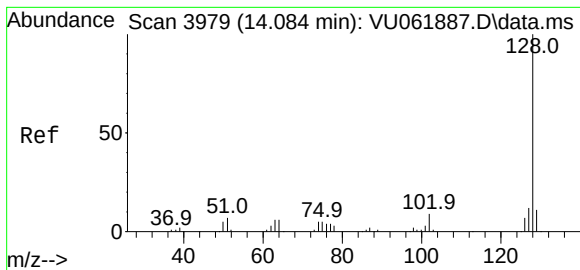
Ion Ratio Lower Upper

180 100

182 92.5 74.5 111.7

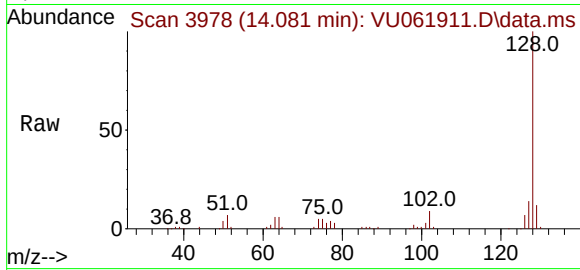
145 32.5 25.6 38.4



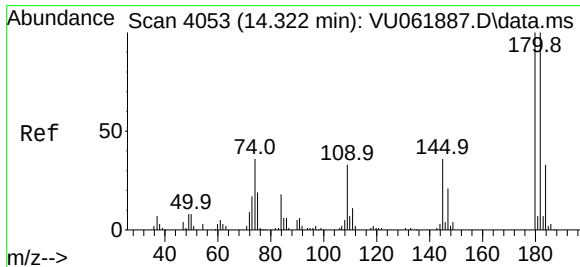
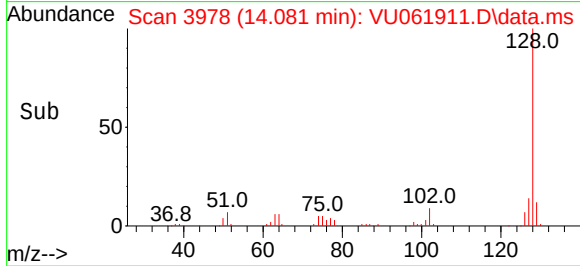
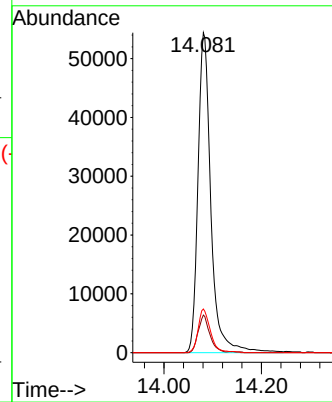


#71
Naphthalene
Concen: 5.125 ug/L
RT: 14.081 min Scan# 3979
Delta R.T. -0.003 min
Lab File: VU061911.D
Acq: 21 Nov 2024 11:15

Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion:128 Resp: 100294
Ion Ratio Lower Upper
128 100
129 10.5 8.5 12.7
127 12.8 10.2 15.4



#72
1,2,3-Trichlorobenzene
Concen: 5.404 ug/L
RT: 14.322 min Scan# 4053
Delta R.T. 0.000 min
Lab File: VU061911.D
Acq: 21 Nov 2024 11:15

Tgt Ion:180 Resp: 56508
Ion Ratio Lower Upper
180 100
182 95.9 76.1 114.1
145 35.1 27.4 41.0

