

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU111324\
 Data File : VU061616.D
 Acq On : 13 Nov 2024 09:55
 Operator : MD/SY
 Sample : VSTD010
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Nov 14 00:05:41 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR111324WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Nov 14 00:03:09 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.239	114	199719	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.409	117	187131	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.801	152	94966	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	129906	10.067	ug/L	0.00
7) Chloroethane-d5	1.911	69	110284	10.011	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.560	65	58004	10.018	ug/L	0.00
20) 2-Butanone-d5	4.624	46	288507	107.170	ug/L	0.00
24) Chloroform-d	5.052	84	265918	10.367	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.692	65	126313	10.262	ug/L	0.00
32) Benzene-d6	5.718	84	538272	10.398	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.679	67	160018	10.480	ug/L	0.00
41) Toluene-d8	7.888	98	512699	10.625	ug/L	0.00
43) trans-1,3-Dichloroprop...	8.171	79	63559	11.301	ug/L	0.00
46) 2-Hexanone-d5	8.624	63	252111	114.014	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.746	84	127827	10.620	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	12.184	152	176839	10.455	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.383	85	148501	10.004	ug/L	99
3) Chloromethane	1.518	50	135533	10.064	ug/L	100
5) Vinyl chloride	1.602	62	153343	10.319	ug/L	97
6) Bromomethane	1.856	94	93457	10.539	ug/L	99
8) Chloroethane	1.933	64	100391	9.739	ug/L	98
9) Trichlorofluoromethane	2.133	101	222731	10.195	ug/L	97
10) 1,1,2-Trichloro-1,2,2-...	2.576	101	128173	9.925	ug/L	98
12) 1,1-Dichloroethene	2.573	96	123854	10.273	ug/L	96
13) Acetone	2.647	43	171912	99.625	ug/L	97
14) Carbon disulfide	2.789	76	393464	10.161	ug/L	100
15) Methyl Acetate	2.953	43	44568	10.337	ug/L	100
16) Methylene chloride	3.039	84	139970	10.074	ug/L	99
17) Methyl tert-butyl Ether	3.354	73	310481	10.507	ug/L	99
18) trans-1,2-Dichloroethene	3.345	96	134385	10.162	ug/L	98
19) 1,1-Dichloroethane	3.859	63	247867	10.280	ug/L	97
21) 2-Butanone	4.702	43	293253	107.919	ug/L	98
22) cis-1,2-Dichloroethene	4.653	96	154818	10.381	ug/L	99
23) Bromochloromethane	4.965	128	68893	10.400	ug/L	98
25) Chloroform	5.078	83	263868	10.384	ug/L	97
27) 1,2-Dichloroethane	5.782	62	164013	10.285	ug/L	99
29) 1,1,1-Trichloroethane	5.306	97	220459	10.353	ug/L	100
30) Cyclohexane	5.380	56	220256	10.354	ug/L	98
31) Carbon tetrachloride	5.515	117	189308	10.438	ug/L	99
33) Benzene	5.763	78	590768	10.431	ug/L	100
34) Trichloroethene	6.534	95	156584	10.239	ug/L	97
35) Methylcyclohexane	6.753	83	243870	10.574	ug/L	99
37) 1,2-Dichloropropane	6.782	63	149800	10.426	ug/L	100
38) Bromodichloromethane	7.094	83	183881	10.666	ug/L	98
39) cis-1,3-Dichloropropene	7.599	75	224984	11.002	ug/L	100
40) 4-Methyl-2-pentanone	7.779	43	744346	108.046	ug/L	99
42) Toluene	7.959	91	653046	10.709	ug/L	99
44) trans-1,3-Dichloropropene	8.200	75	180580	11.133	ug/L	98

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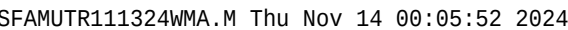
Quant Time: Nov 14 00:05:41 2024
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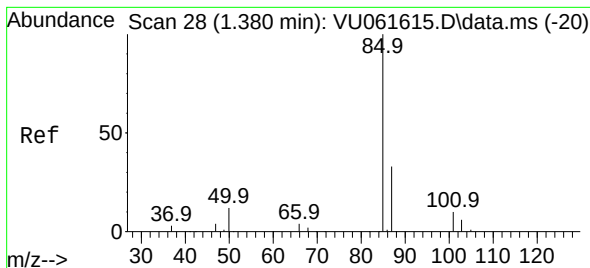
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

45) 1,1,2-Trichloroethane	8.390	97	110429	10.543	ug/L	99
47) Tetrachloroethene	8.544	164	117557	10.230	ug/L	99
48) 2-Hexanone	8.676	43	542974	111.154	ug/L	99
49) Dibromochloromethane	8.801	129	121423	11.056	ug/L	95
50) 1,2-Dibromoethane	8.914	107	106507	10.780	ug/L	99
51) Chlorobenzene	9.438	112	414460	10.559	ug/L	100
52) Ethylbenzene	9.560	91	708005	10.900	ug/L	99
53) m,p-Xylene	9.685	106	276580	11.128	ug/L	98
54) o-Xylene	10.090	106	267929	11.091	ug/L	97
55) Styrene	10.107	104	443303	11.526	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.772	83	134957	10.588	ug/L	95
59) Bromoform	10.280	173	67988	10.816	ug/L	98
60) Isopropylbenzene	10.473	105	707482	10.742	ug/L	99
61) 1,2,3-Trichloropropane	10.811	75	92306	10.318	ug/L	98
62) 1,3,5-Trimethylbenzene	11.078	105	574005	10.885	ug/L	100
63) 1,2,4-Trimethylbenzene	11.457	105	571587	11.136	ug/L	99
64) 1,3-Dichlorobenzene	11.737	146	316816	10.489	ug/L	100
65) 1,4-Dichlorobenzene	11.827	146	316467	10.319	ug/L	99
67) 1,2-Dichlorobenzene	12.203	146	295418	10.517	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.987	75	17024	10.898	ug/L	91
69) 1,3,5-Trichlorobenzene	13.209	180	227413	10.784	ug/L	99
70) 1,2,4-trichlorobenzene	13.830	180	183966	11.256	ug/L	98
71) Naphthalene	14.077	128	279204	12.279	ug/L	99
72) 1,2,3-Trichlorobenzene	14.319	180	155622	11.343	ug/L	99

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

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#2

Dichlorodifluoromethane

Concen: 10.004 ug/L

RT: 1.383 min Scan# 20

Delta R.T. 0.003 min

Lab File: VU061616.D

Acq: 13 Nov 2024 09:55

Instrument :

MSVOA_U

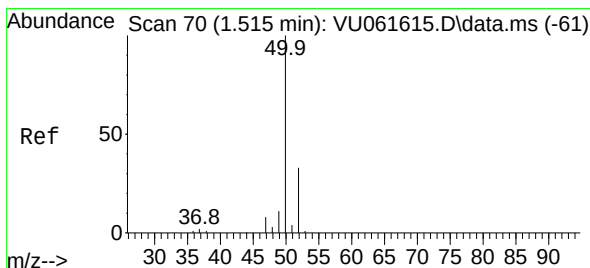
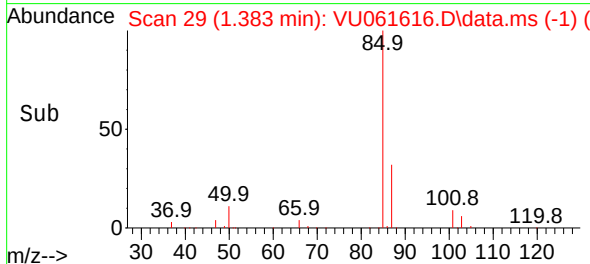
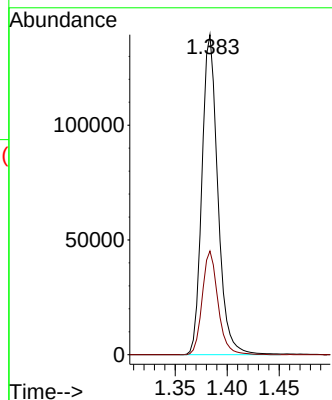
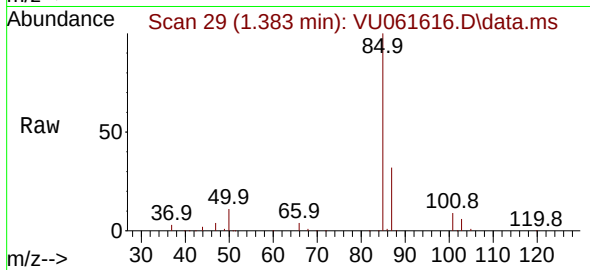
ClientSampleId :

Tgt Ion: 85 Resp: 148501

Ion Ratio Lower Upper

85 100

87 32.0 26.0 39.0



#3

Chloromethane

Concen: 10.064 ug/L

RT: 1.518 min Scan# 71

Delta R.T. 0.003 min

Lab File: VU061616.D

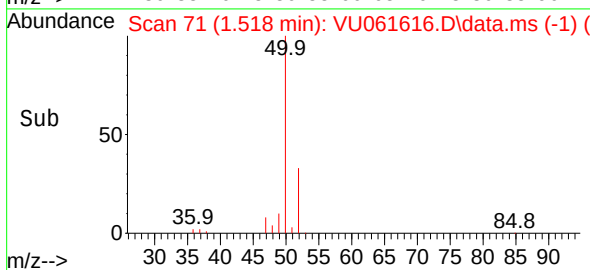
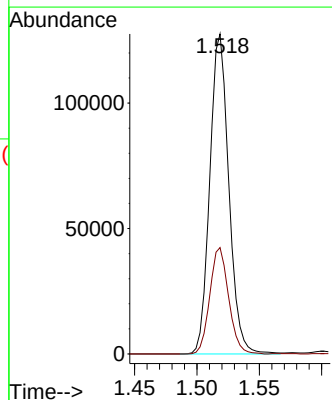
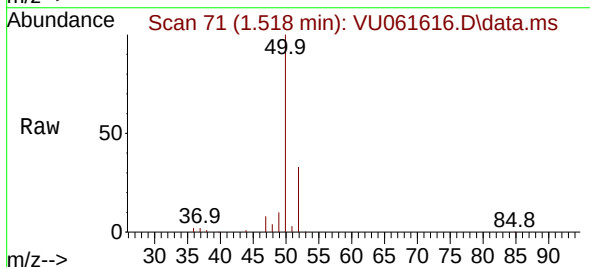
Acq: 13 Nov 2024 09:55

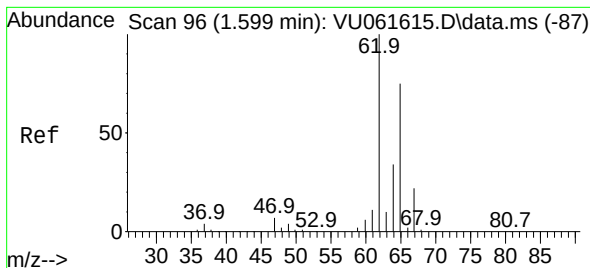
Tgt Ion: 50 Resp: 135533

Ion Ratio Lower Upper

50 100

52 33.2 23.2 43.2





#5

Vinyl chloride

Concen: 10.319 ug/L

RT: 1.602 min Scan# 91

Delta R.T. 0.003 min

Lab File: VU061616.D

Acq: 13 Nov 2024 09:55

Instrument :

MSVOA_U

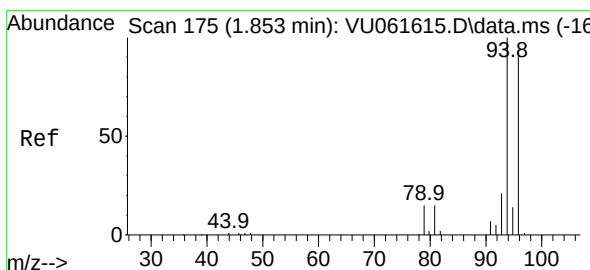
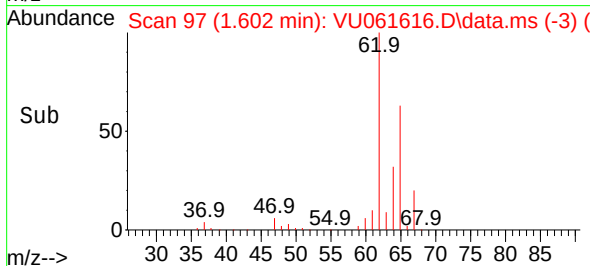
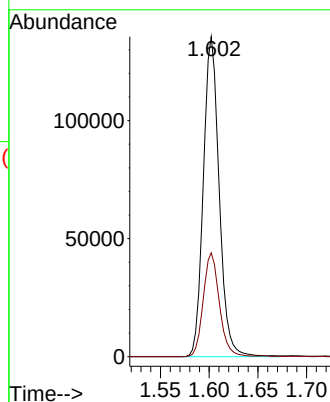
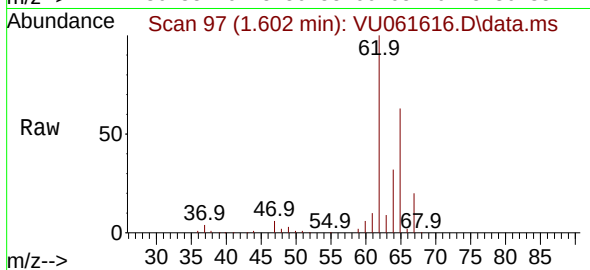
ClientSampleId :

Tgt Ion: 62 Resp: 153343

Ion Ratio Lower Upper

62 100

64 32.4 23.7 44.1



#6

Bromomethane

Concen: 10.539 ug/L

RT: 1.856 min Scan# 176

Delta R.T. 0.003 min

Lab File: VU061616.D

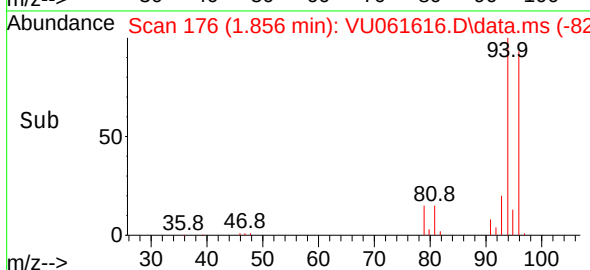
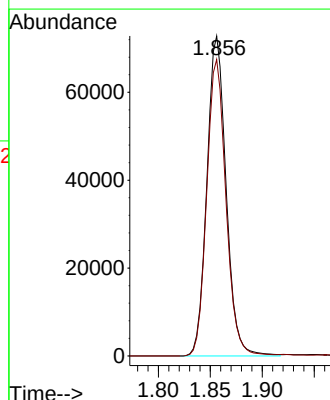
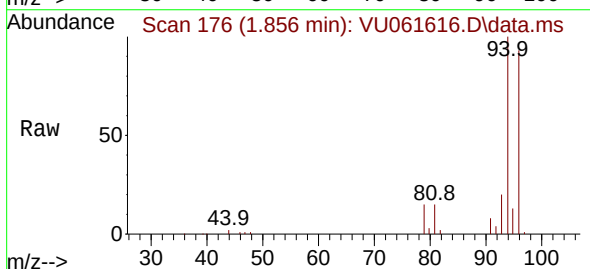
Acq: 13 Nov 2024 09:55

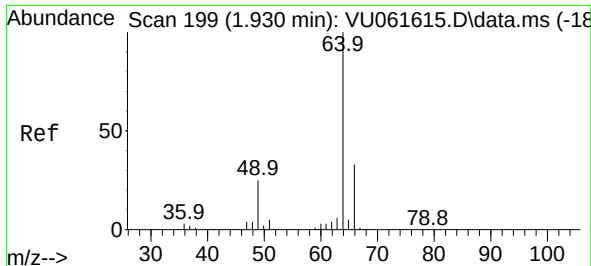
Tgt Ion: 94 Resp: 93457

Ion Ratio Lower Upper

94 100

96 92.7 65.7 121.9

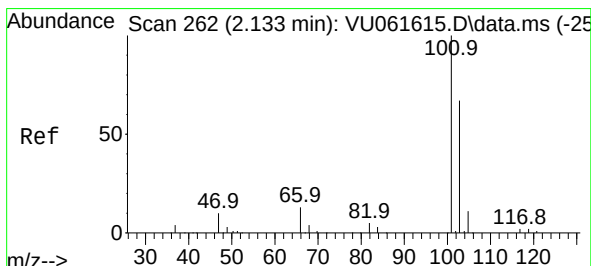
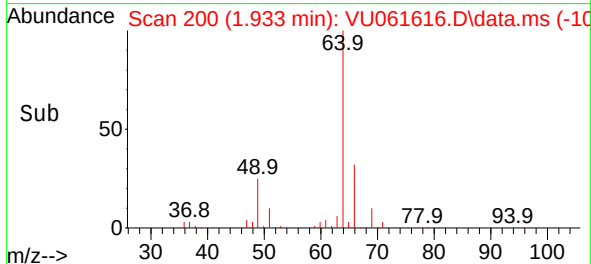
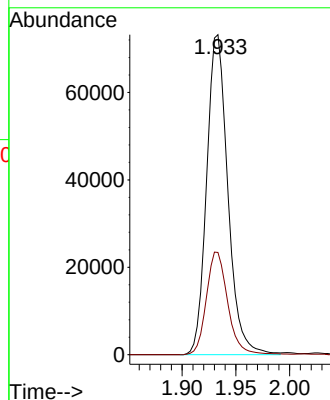
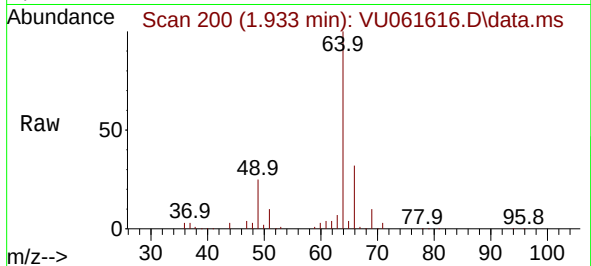




#8
Chloroethane
Concen: 9.739 ug/L
RT: 1.933 min Scan# 200
Delta R.T. 0.003 min
Lab File: VU061616.D
Acq: 13 Nov 2024 09:55

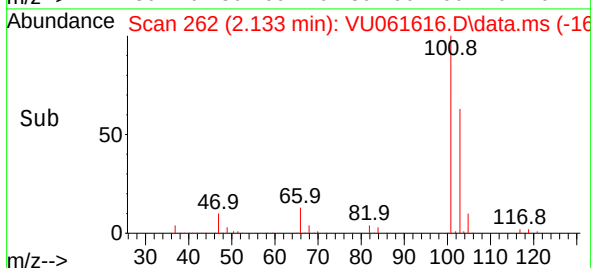
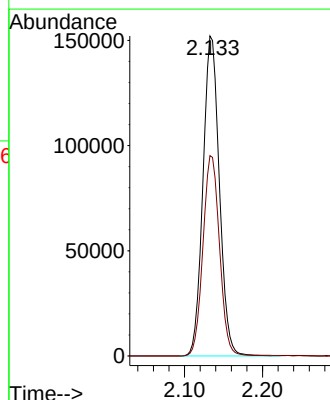
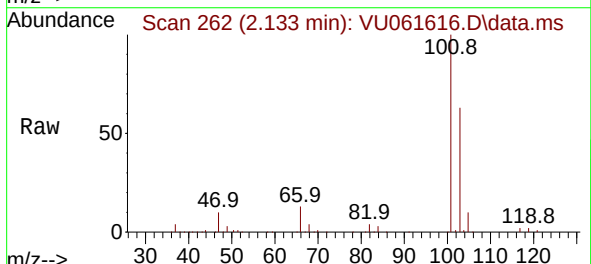
Instrument :
MSVOA_U
ClientSampleId :

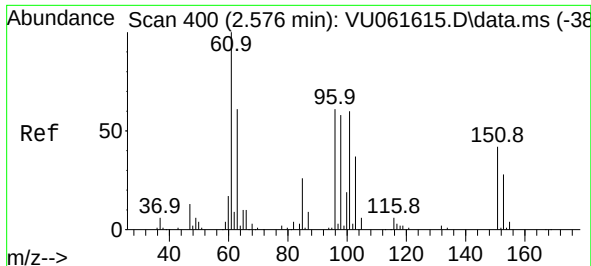
Tgt Ion: 64 Resp: 100391
Ion Ratio Lower Upper
64 100
66 32.0 23.1 42.9



#9
Trichlorofluoromethane
Concen: 10.195 ug/L
RT: 2.133 min Scan# 262
Delta R.T. 0.000 min
Lab File: VU061616.D
Acq: 13 Nov 2024 09:55

Tgt Ion:101 Resp: 222731
Ion Ratio Lower Upper
101 100
103 63.1 52.2 78.2

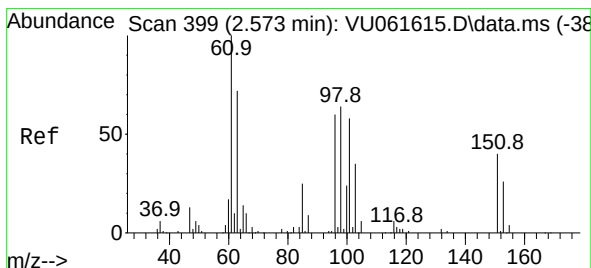
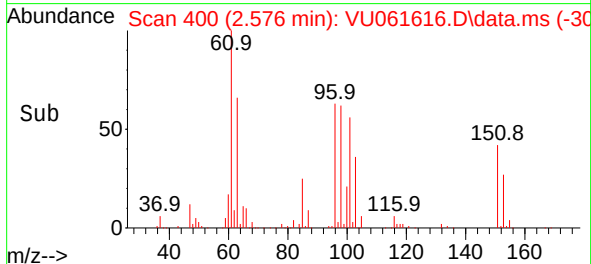
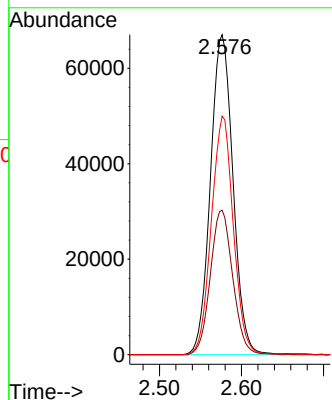
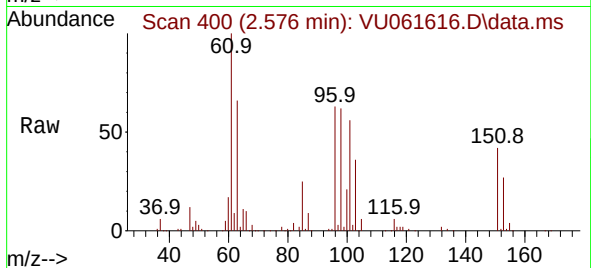




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 9.925 ug/L
RT: 2.576 min Scan# 400
Delta R.T. 0.000 min
Lab File: VU061616.D
Acq: 13 Nov 2024 09:55

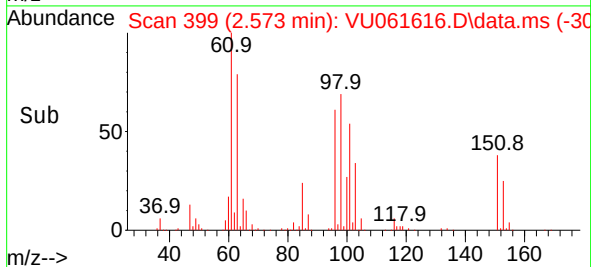
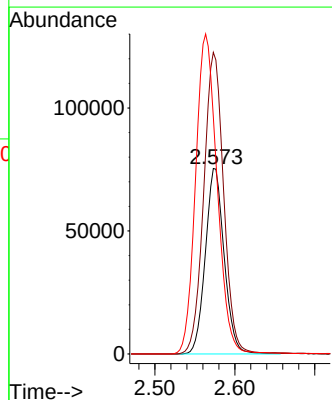
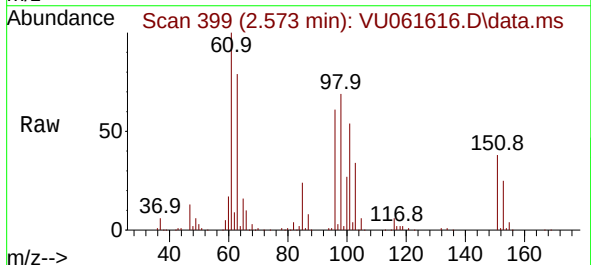
Instrument :
MSVOA_U
ClientSampleId :

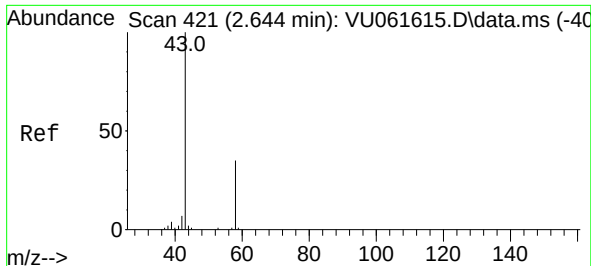
Tgt Ion:101 Resp: 128173
Ion Ratio Lower Upper
101 100
85 44.8 35.1 52.7
151 72.8 56.9 85.3



#12
1,1-Dichloroethene
Concen: 10.273 ug/L
RT: 2.573 min Scan# 399
Delta R.T. 0.000 min
Lab File: VU061616.D
Acq: 13 Nov 2024 09:55

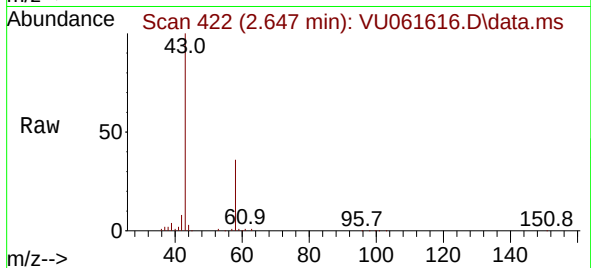
Tgt Ion: 96 Resp: 123854
Ion Ratio Lower Upper
96 100
61 162.6 116.8 217.0
63 127.9 86.1 159.9



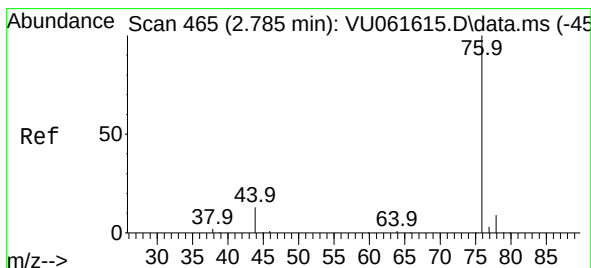
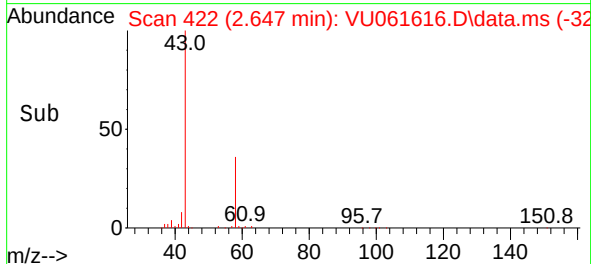
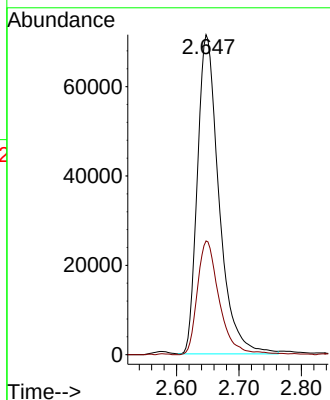


#13
Acetone
Concen: 99.625 ug/L
RT: 2.647 min Scan# 421
Delta R.T. 0.003 min
Lab File: VU061616.D
Acq: 13 Nov 2024 09:55

Instrument :
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ClientSampleId :

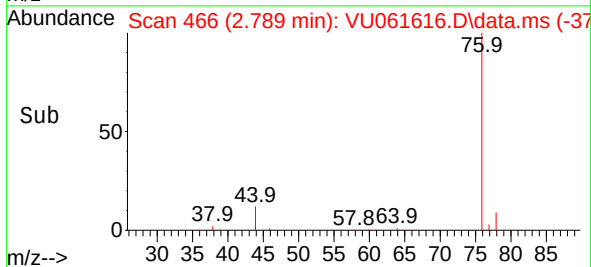
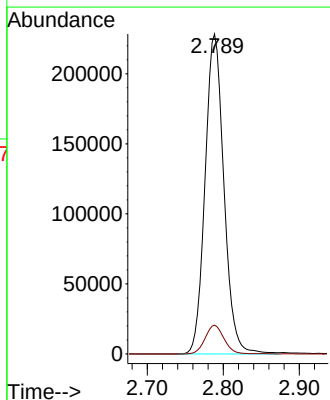
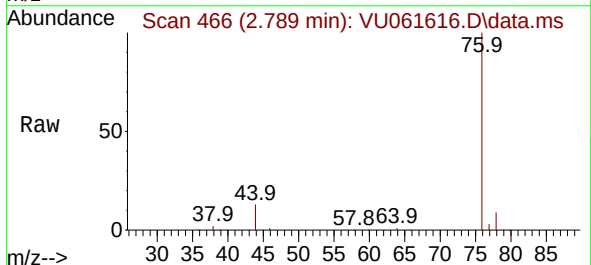


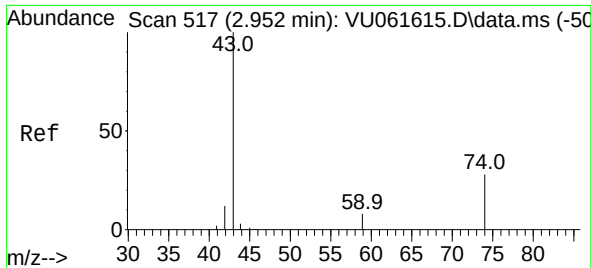
Tgt Ion: 43 Resp: 171912
Ion Ratio Lower Upper
43 100
58 36.4 0.0 69.8



#14
Carbon disulfide
Concen: 10.161 ug/L
RT: 2.789 min Scan# 466
Delta R.T. 0.003 min
Lab File: VU061616.D
Acq: 13 Nov 2024 09:55

Tgt Ion: 76 Resp: 393464
Ion Ratio Lower Upper
76 100
78 9.0 7.3 10.9

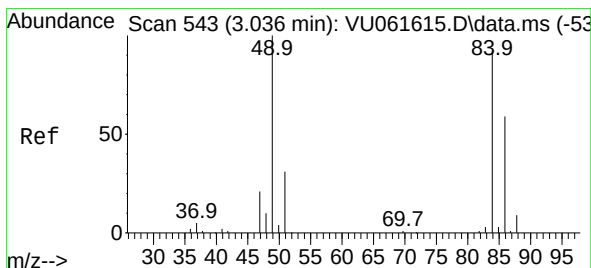
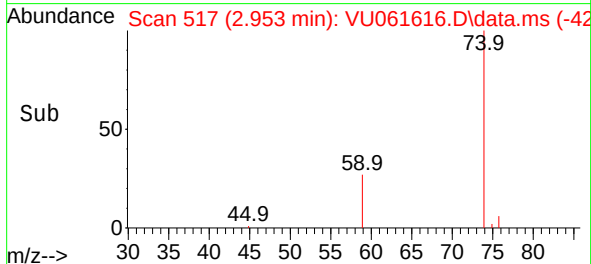
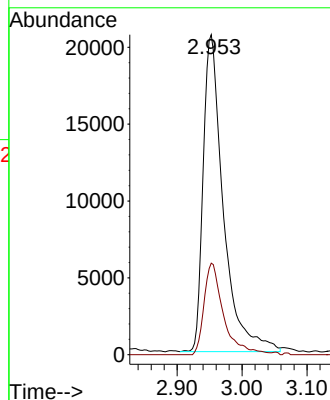
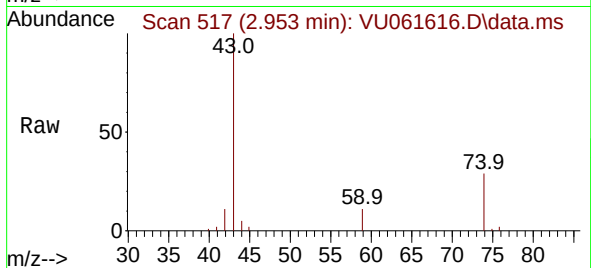




#15
Methyl Acetate
Concen: 10.337 ug/L
RT: 2.953 min Scan# 517
Delta R.T. 0.000 min
Lab File: VU061616.D
Acq: 13 Nov 2024 09:55

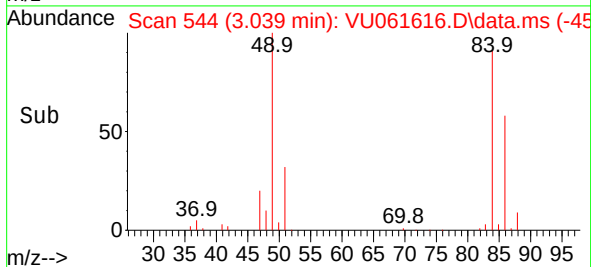
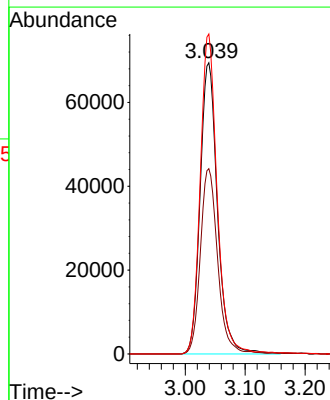
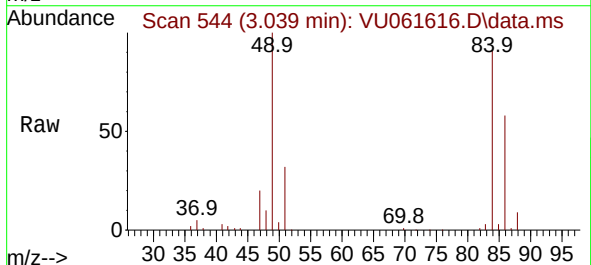
Instrument :
MSVOA_U
ClientSampleId :

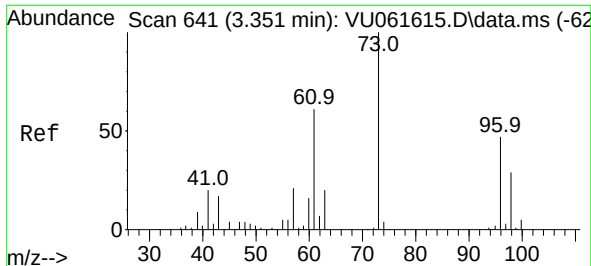
Tgt Ion: 43 Resp: 44568
Ion Ratio Lower Upper
43 100
74 27.9 22.5 33.7



#16
Methylene chloride
Concen: 10.074 ug/L
RT: 3.039 min Scan# 544
Delta R.T. 0.003 min
Lab File: VU061616.D
Acq: 13 Nov 2024 09:55

Tgt Ion: 84 Resp: 139970
Ion Ratio Lower Upper
84 100
86 63.6 45.1 83.7
49 109.9 76.3 141.7

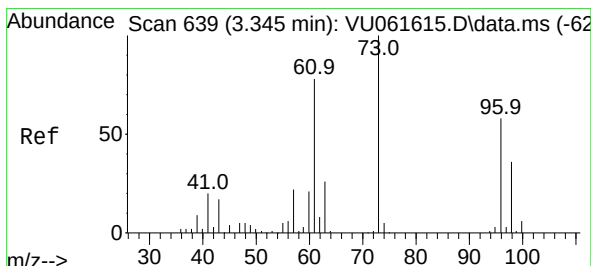
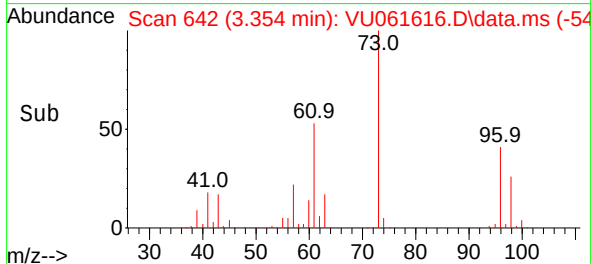
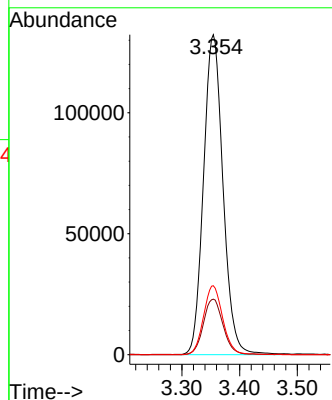
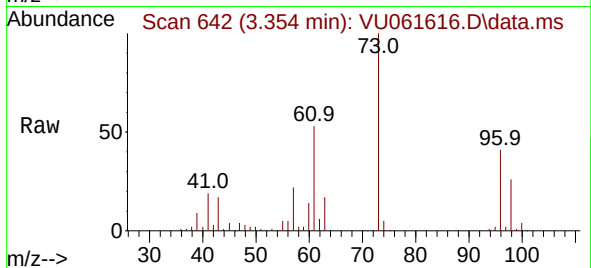




#17
Methyl tert-butyl Ether
Concen: 10.507 ug/L
RT: 3.354 min Scan# 641
Delta R.T. 0.003 min
Lab File: VU061616.D
Acq: 13 Nov 2024 09:55

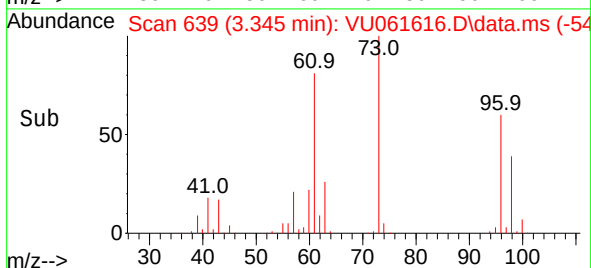
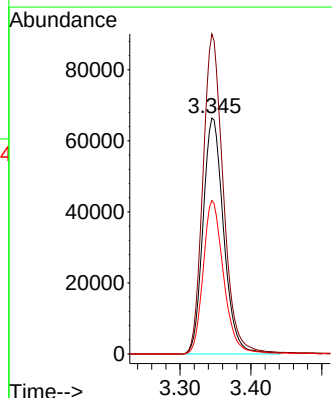
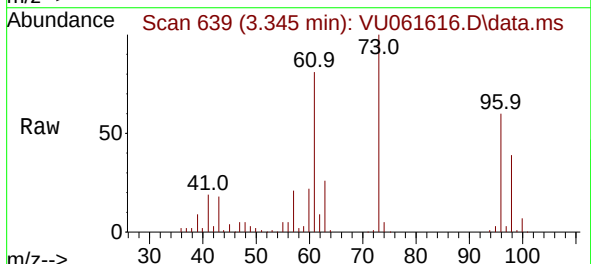
Instrument :
MSVOA_U
ClientSampleId :

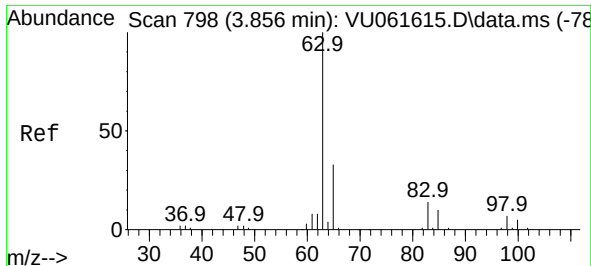
Tgt Ion: 73 Resp: 310481
Ion Ratio Lower Upper
73 100
43 17.2 14.2 21.4
57 21.2 16.9 25.3



#18
trans-1,2-Dichloroethene
Concen: 10.162 ug/L
RT: 3.345 min Scan# 639
Delta R.T. 0.000 min
Lab File: VU061616.D
Acq: 13 Nov 2024 09:55

Tgt Ion: 96 Resp: 134385
Ion Ratio Lower Upper
96 100
61 135.6 94.1 174.8
98 65.0 43.2 80.2

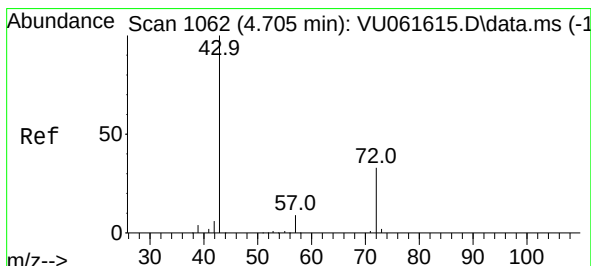
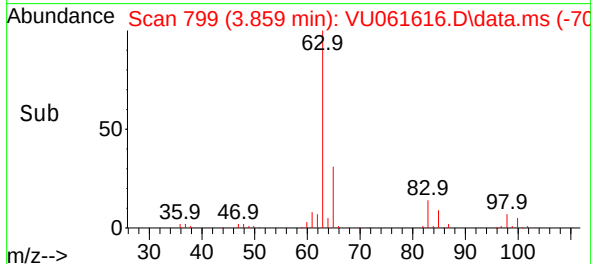
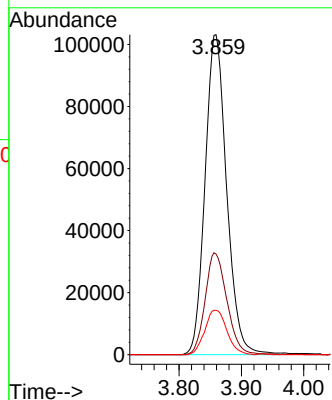
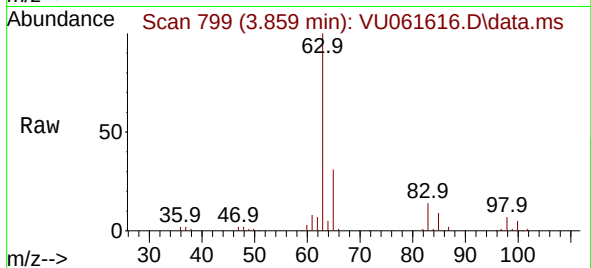




#19
1,1-Dichloroethane
Concen: 10.280 ug/L
RT: 3.859 min Scan# 798
Delta R.T. 0.003 min
Lab File: VU061616.D
Acq: 13 Nov 2024 09:55

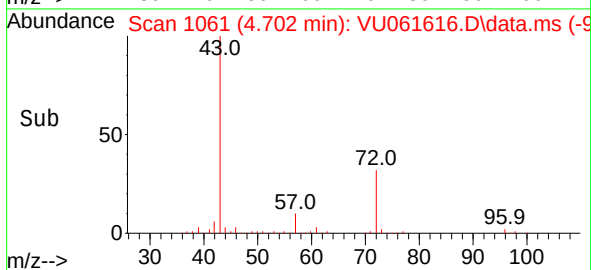
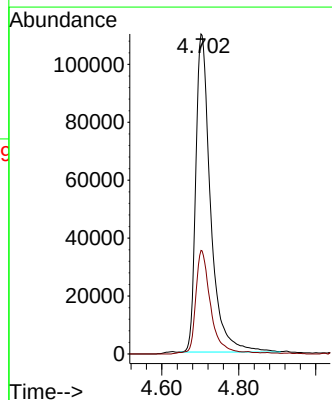
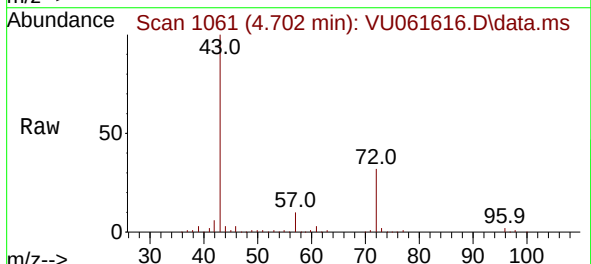
Instrument :
MSVOA_U
ClientSampleId :

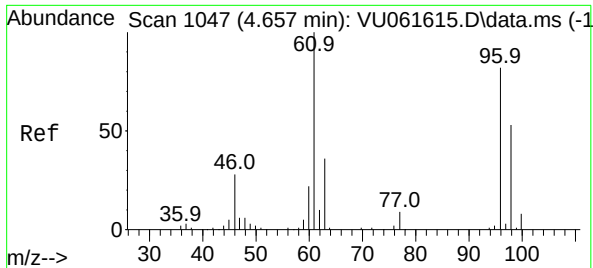
Tgt Ion: 63 Resp: 247867
Ion Ratio Lower Upper
63 100
65 31.5 23.4 43.4
83 13.8 9.6 17.8



#21
2-Butanone
Concen: 107.919 ug/L
RT: 4.702 min Scan# 1061
Delta R.T. -0.003 min
Lab File: VU061616.D
Acq: 13 Nov 2024 09:55

Tgt Ion: 43 Resp: 293253
Ion Ratio Lower Upper
43 100
72 32.6 15.8 47.3

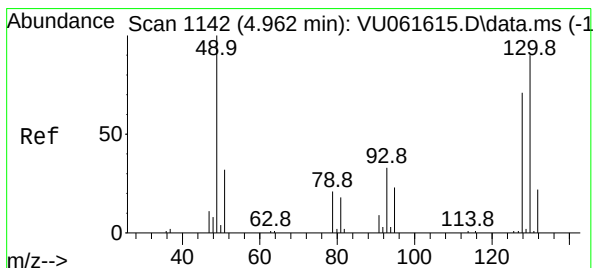
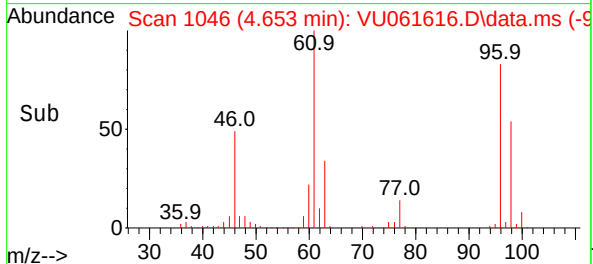
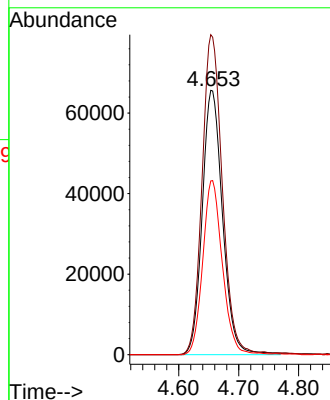
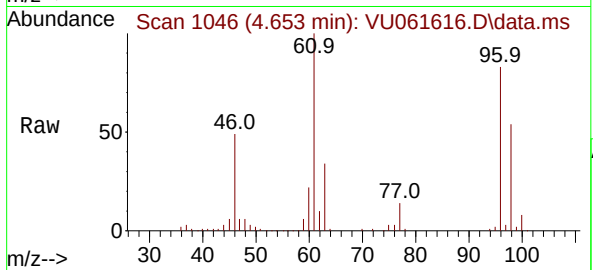




#22
cis-1,2-Dichloroethene
Concen: 10.381 ug/L
RT: 4.653 min Scan# 1046
Delta R.T. -0.003 min
Lab File: VU061616.D
Acq: 13 Nov 2024 09:55

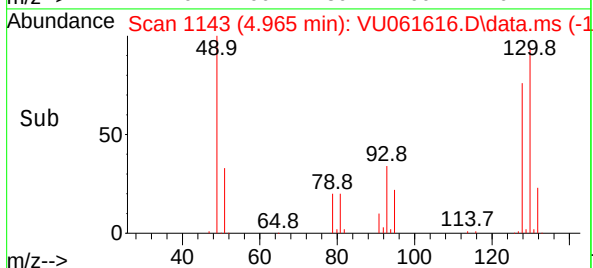
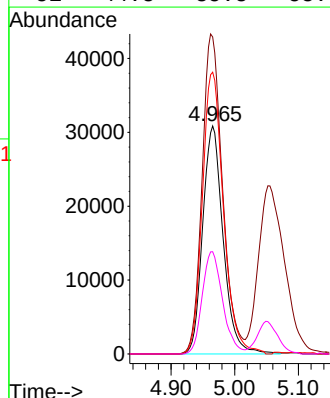
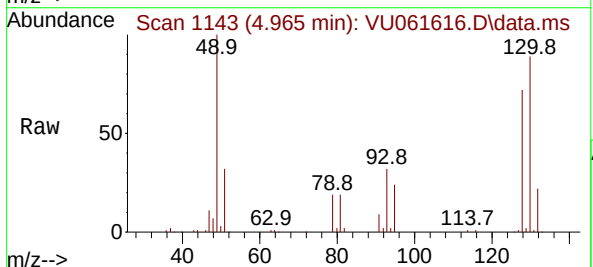
Instrument :
MSVOA_U
ClientSampleId :

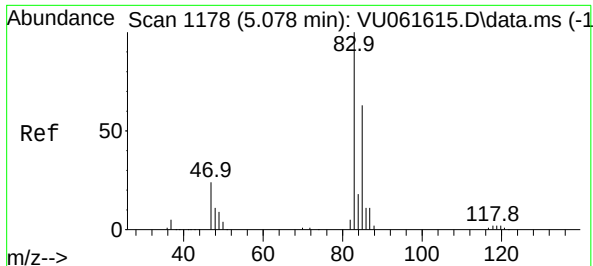
Tgt Ion: 96 Resp: 154818
Ion Ratio Lower Upper
96 100
61 121.1 85.6 159.0
98 65.7 45.6 84.8



#23
Bromochloromethane
Concen: 10.400 ug/L
RT: 4.965 min Scan# 1143
Delta R.T. 0.003 min
Lab File: VU061616.D
Acq: 13 Nov 2024 09:55

Tgt Ion:128 Resp: 68893
Ion Ratio Lower Upper
128 100
49 139.0 99.1 184.1
130 123.6 88.6 164.6
51 44.8 35.8 53.6





#25

Chloroform

Concen: 10.384 ug/L

RT: 5.078 min Scan# 1178

Delta R.T. 0.000 min

Lab File: VU061616.D

Acq: 13 Nov 2024 09:55

Instrument :

MSVOA_U

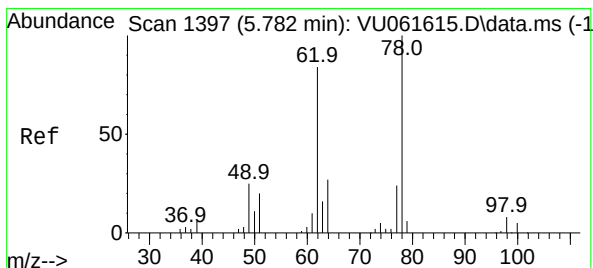
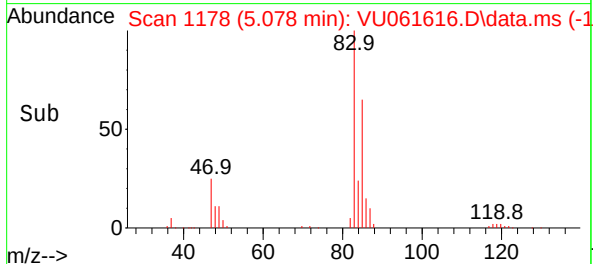
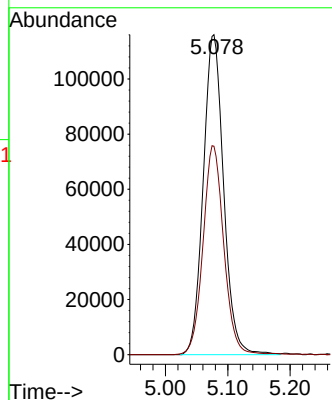
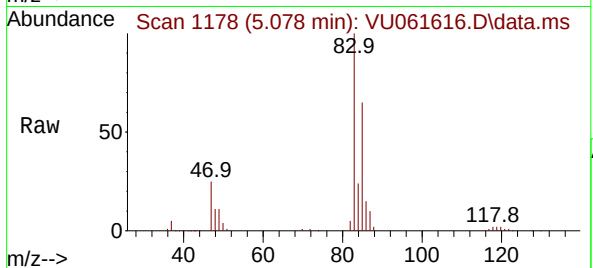
ClientSampleId :

Tgt Ion: 83 Resp: 263868

Ion Ratio Lower Upper

83 100

85 65.2 44.1 81.9



#27

1,2-Dichloroethane

Concen: 10.285 ug/L

RT: 5.782 min Scan# 1397

Delta R.T. 0.000 min

Lab File: VU061616.D

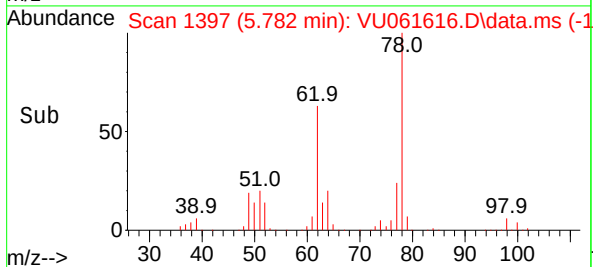
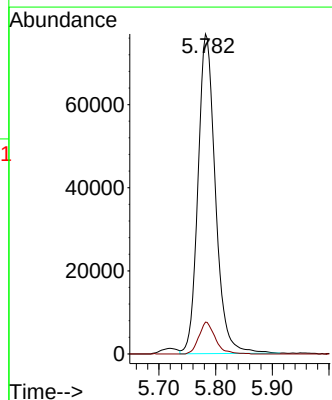
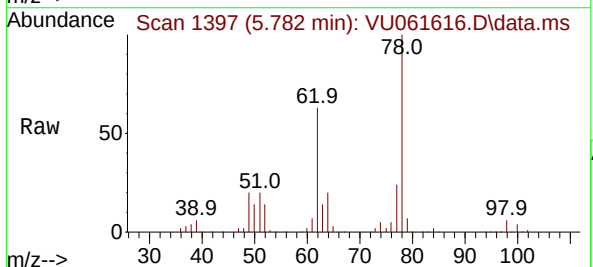
Acq: 13 Nov 2024 09:55

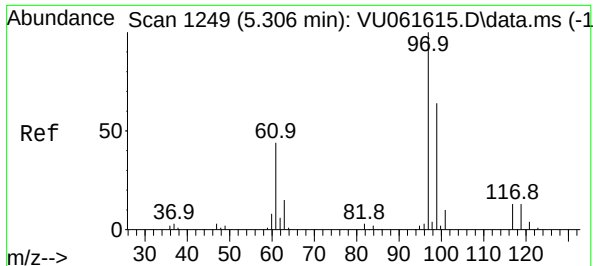
Tgt Ion: 62 Resp: 164013

Ion Ratio Lower Upper

62 100

98 10.0 7.7 11.5

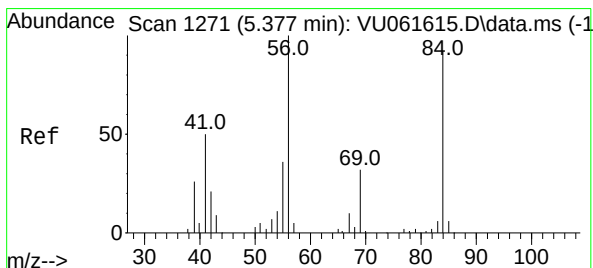
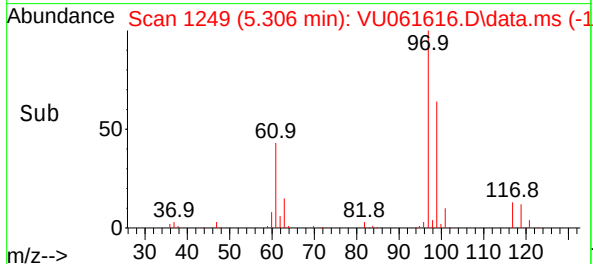
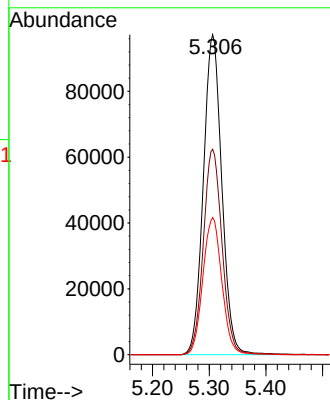
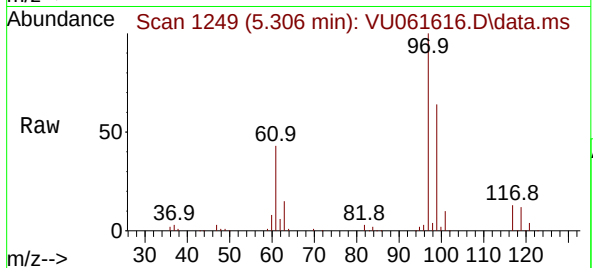




#29
1,1,1-Trichloroethane
Concen: 10.353 ug/L
RT: 5.306 min Scan# 1249
Delta R.T. 0.000 min
Lab File: VU061616.D
Acq: 13 Nov 2024 09:55

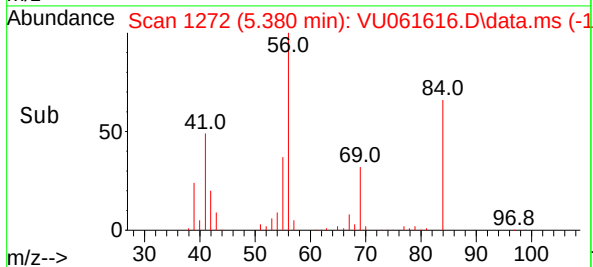
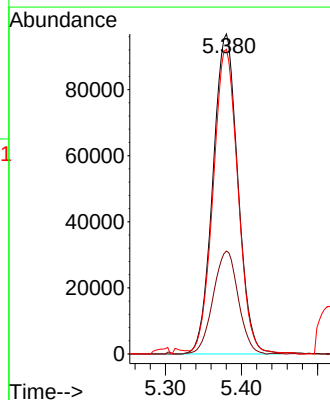
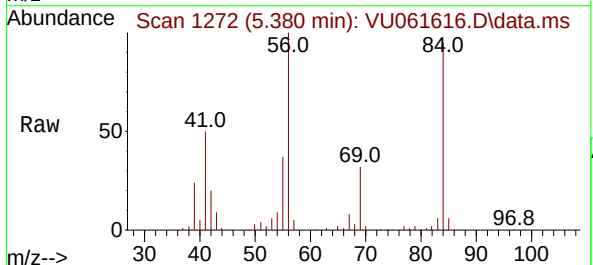
Instrument :
MSVOA_U
ClientSampleId :

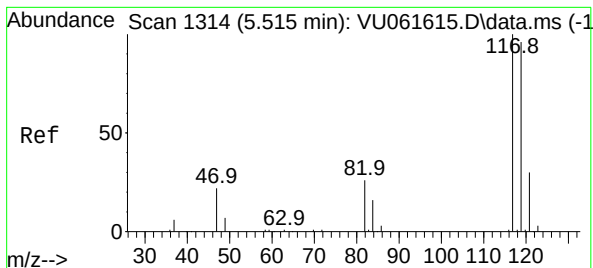
Tgt Ion: 97 Resp: 220459
Ion Ratio Lower Upper
97 100
99 64.6 51.7 77.5
61 44.1 35.4 53.0



#30
Cyclohexane
Concen: 10.354 ug/L
RT: 5.380 min Scan# 1272
Delta R.T. 0.003 min
Lab File: VU061616.D
Acq: 13 Nov 2024 09:55

Tgt Ion: 56 Resp: 220256
Ion Ratio Lower Upper
56 100
69 32.4 25.6 38.4
84 94.8 74.3 111.5





#31

Carbon tetrachloride

Concen: 10.438 ug/L

RT: 5.515 min Scan# 1314

Delta R.T. 0.000 min

Lab File: VU061616.D

Acq: 13 Nov 2024 09:55

Instrument :

MSVOA_U

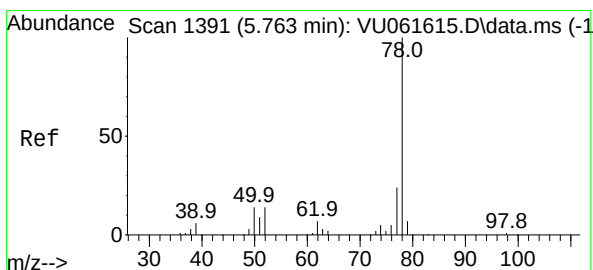
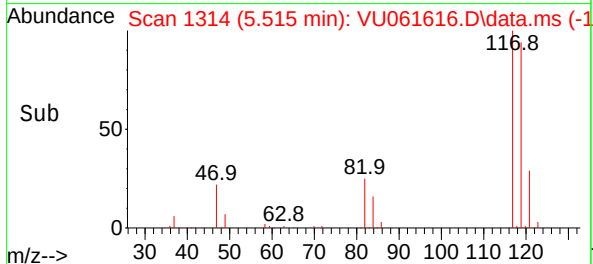
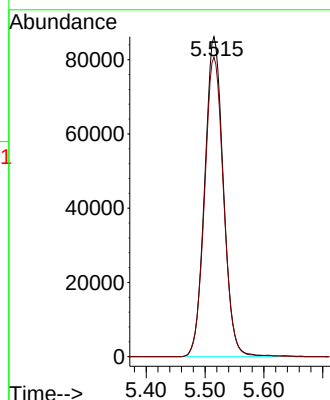
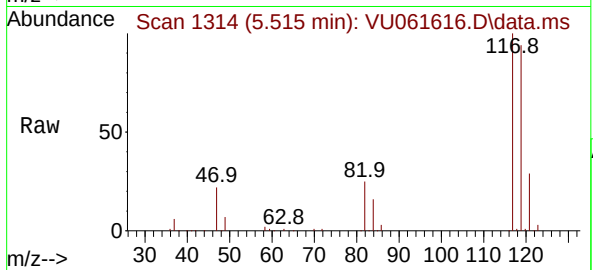
ClientSampleId :

Tgt Ion:117 Resp: 189308

Ion Ratio Lower Upper

117 100

119 95.2 76.6 114.8



#33

Benzene

Concen: 10.431 ug/L

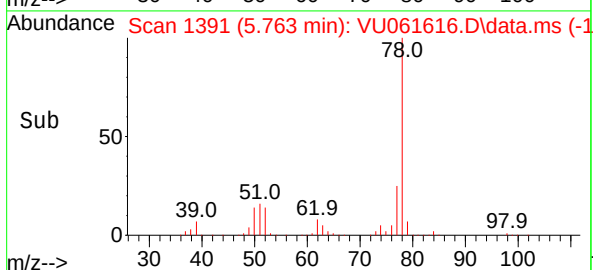
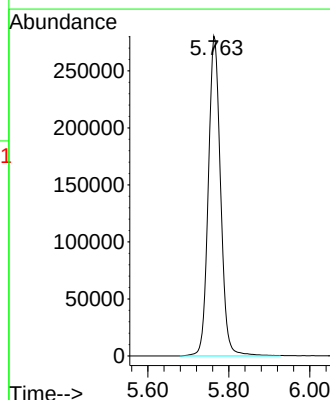
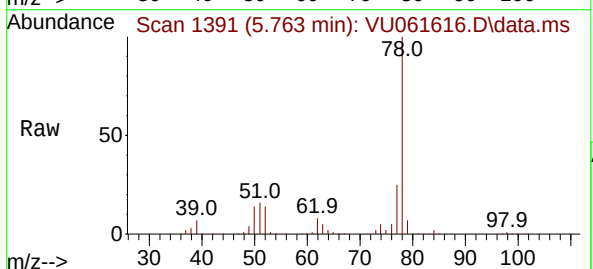
RT: 5.763 min Scan# 1391

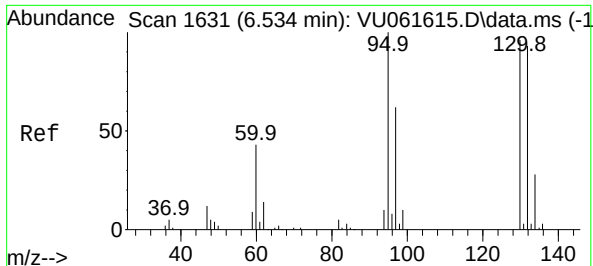
Delta R.T. 0.000 min

Lab File: VU061616.D

Acq: 13 Nov 2024 09:55

Tgt Ion: 78 Resp: 590768





#34

Trichloroethene

Concen: 10.239 ug/L

RT: 6.534 min Scan# 1

Delta R.T. 0.000 min

Lab File: VU061616.D

Acq: 13 Nov 2024 09:55

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion: 95 Resp: 156584

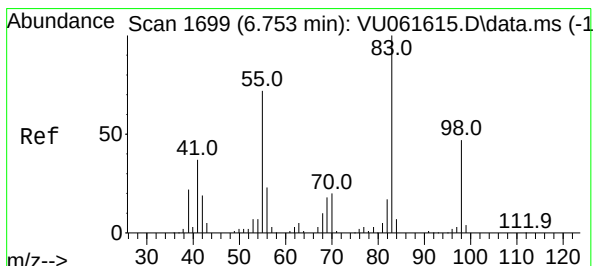
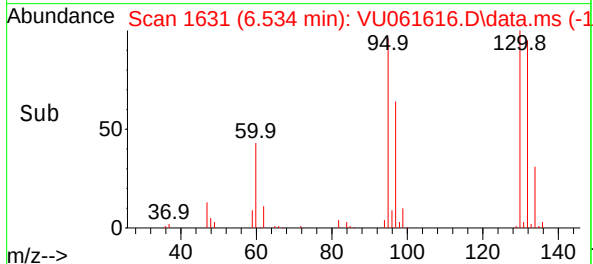
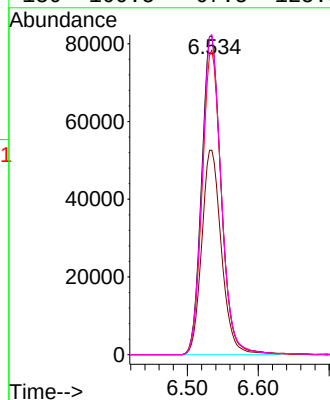
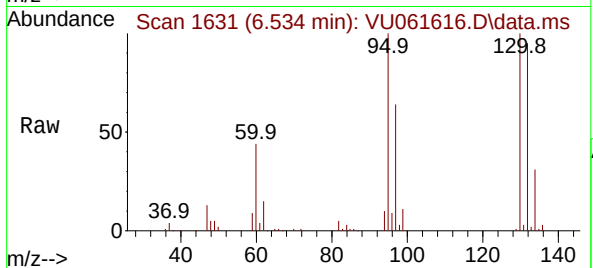
Ion Ratio Lower Upper

95 100

97 64.2 43.5 80.9

132 95.6 65.2 121.0

130 100.5 67.5 125.3



#35

Methylcyclohexane

Concen: 10.574 ug/L

RT: 6.753 min Scan# 1699

Delta R.T. 0.000 min

Lab File: VU061616.D

Acq: 13 Nov 2024 09:55

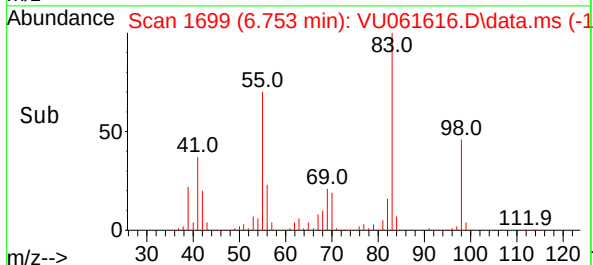
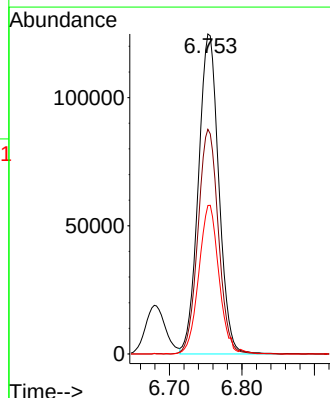
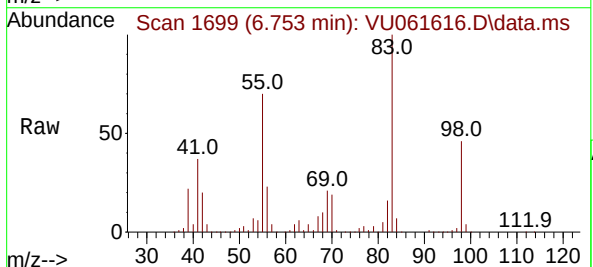
Tgt Ion: 83 Resp: 243870

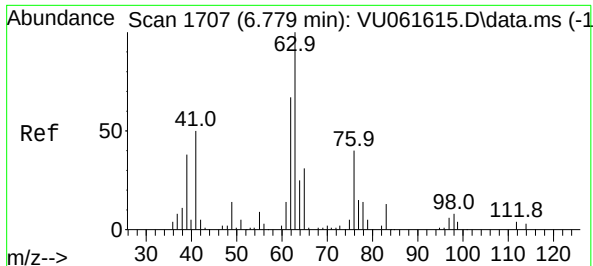
Ion Ratio Lower Upper

83 100

55 70.4 56.4 84.6

98 45.6 37.7 56.5

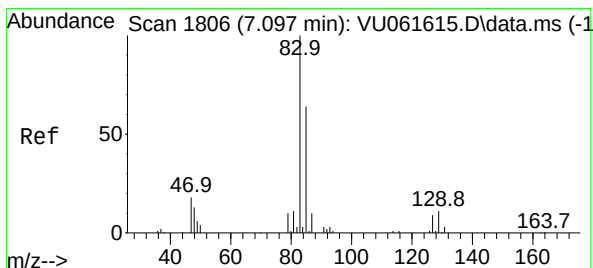
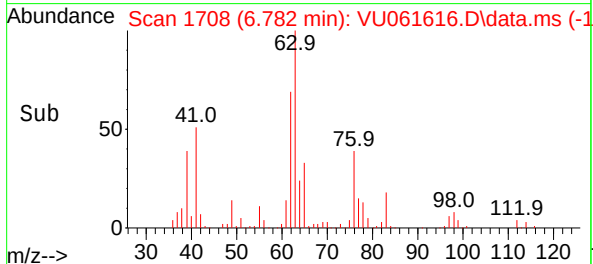
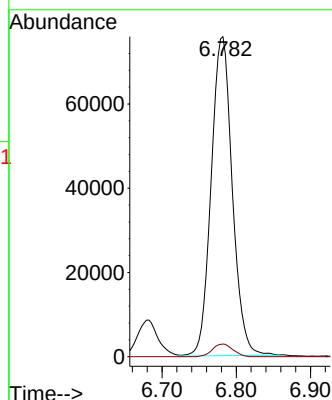
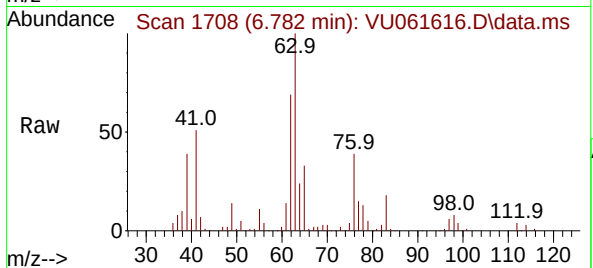




#37
1,2-Dichloropropane
Concen: 10.426 ug/L
RT: 6.782 min Scan# 11
Delta R.T. 0.003 min
Lab File: VU061616.D
Acq: 13 Nov 2024 09:55

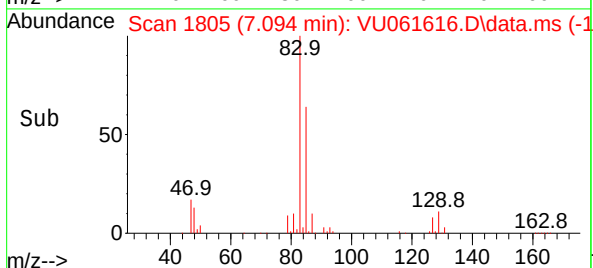
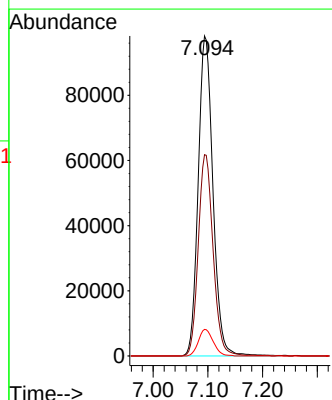
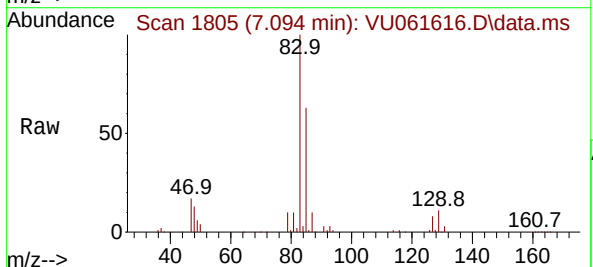
Instrument :
MSVOA_U
ClientSampleId :

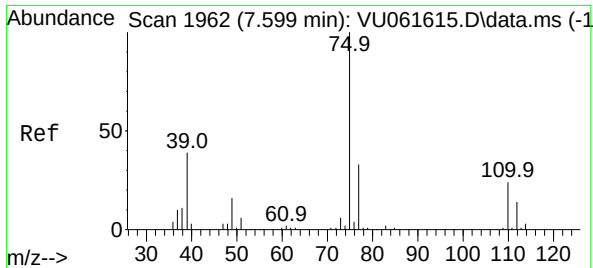
Tgt Ion: 63 Resp: 149800
Ion Ratio Lower Upper
63 100
112 3.8 3.0 4.4



#38
Bromodichloromethane
Concen: 10.666 ug/L
RT: 7.094 min Scan# 1805
Delta R.T. -0.003 min
Lab File: VU061616.D
Acq: 13 Nov 2024 09:55

Tgt Ion: 83 Resp: 183881
Ion Ratio Lower Upper
83 100
85 62.9 45.0 83.6
127 8.3 6.9 10.3

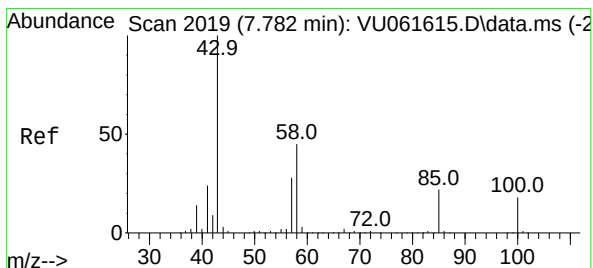
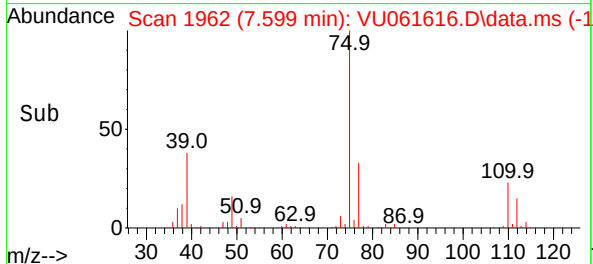
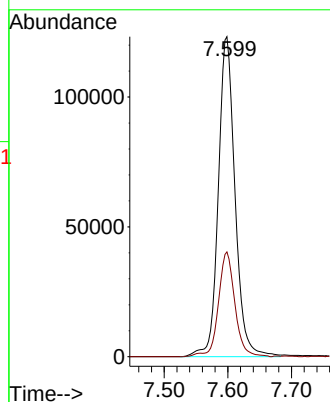
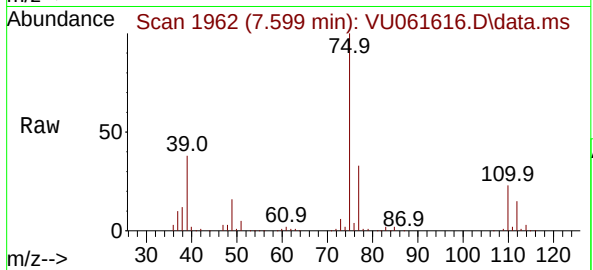




#39
 cis-1,3-Dichloropropene
 Concen: 11.002 ug/L
 RT: 7.599 min Scan# 1962
 Delta R.T. 0.000 min
 Lab File: VU061616.D
 Acq: 13 Nov 2024 09:55

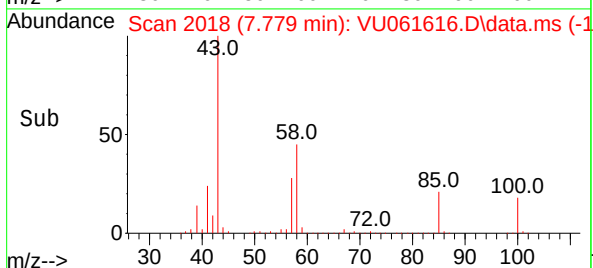
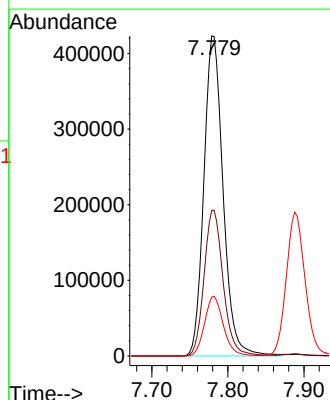
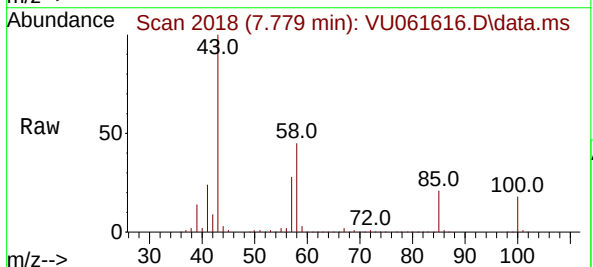
Instrument :
 MSVOA_U
 ClientSampleId :

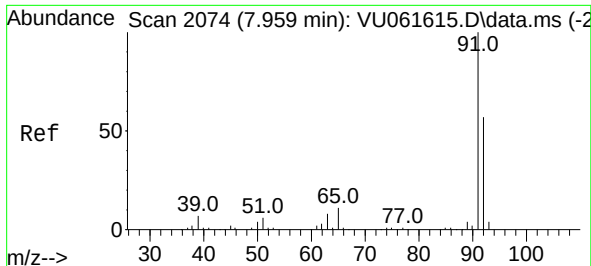
Tgt Ion: 75 Resp: 224984
 Ion Ratio Lower Upper
 75 100
 77 32.7 22.9 42.5



#40
 4-Methyl-2-pentanone
 Concen: 108.046 ug/L
 RT: 7.779 min Scan# 2018
 Delta R.T. -0.003 min
 Lab File: VU061616.D
 Acq: 13 Nov 2024 09:55

Tgt Ion: 43 Resp: 744346
 Ion Ratio Lower Upper
 43 100
 58 45.2 35.7 53.5
 100 18.3 14.2 21.2





#42

Toluene

Concen: 10.709 ug/L

RT: 7.959 min Scan# 2074

Delta R.T. 0.000 min

Lab File: VU061616.D

Acq: 13 Nov 2024 09:55

Instrument :

MSVOA_U

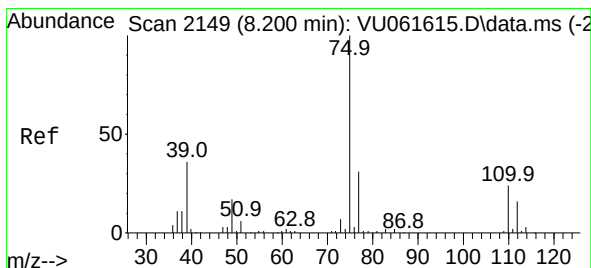
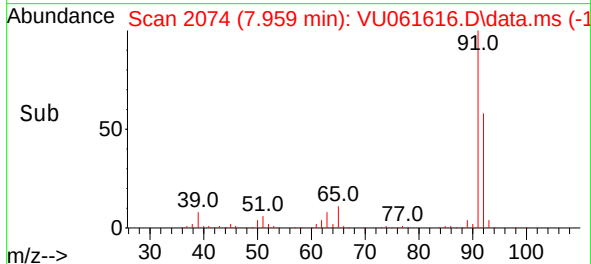
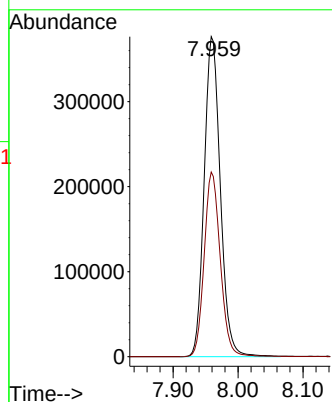
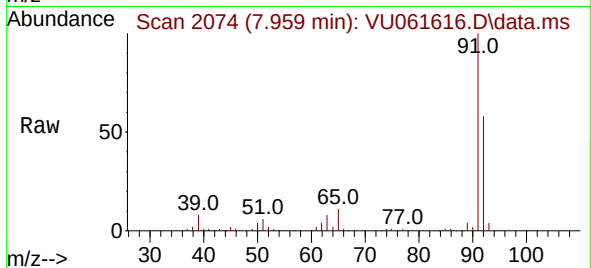
ClientSampleId :

Tgt Ion: 91 Resp: 653046

Ion Ratio Lower Upper

91 100

92 57.7 39.7 73.7



#44

trans-1,3-Dichloropropene

Concen: 11.133 ug/L

RT: 8.200 min Scan# 2149

Delta R.T. 0.000 min

Lab File: VU061616.D

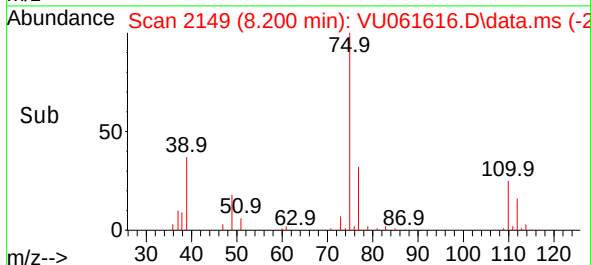
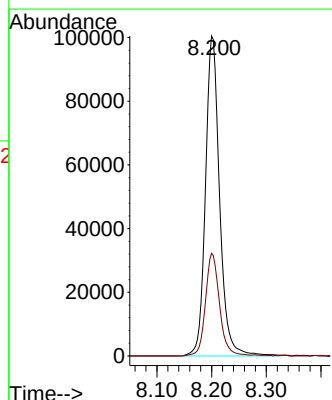
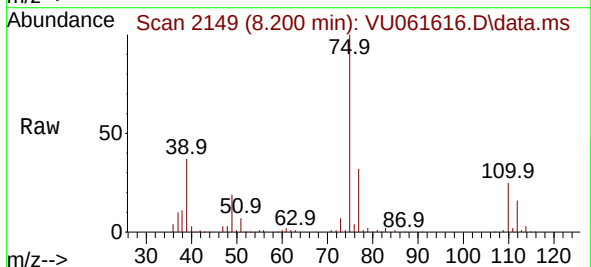
Acq: 13 Nov 2024 09:55

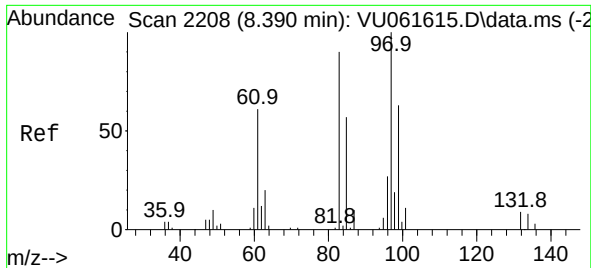
Tgt Ion: 75 Resp: 180580

Ion Ratio Lower Upper

75 100

77 32.1 21.7 40.3

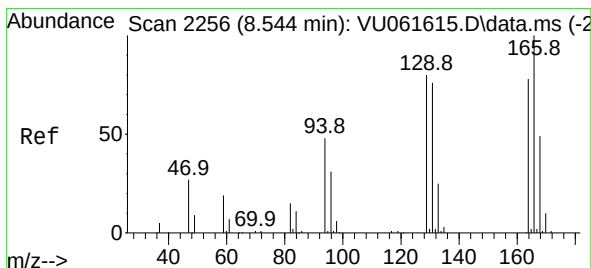
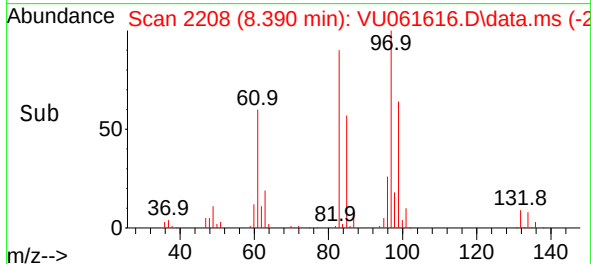
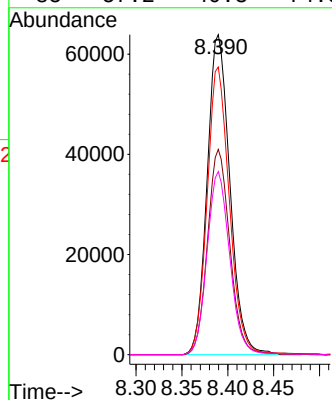
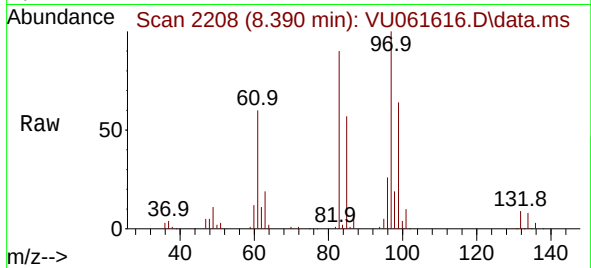




#45
1,1,2-Trichloroethane
Concen: 10.543 ug/L
RT: 8.390 min Scan# 2208
Delta R.T. 0.000 min
Lab File: VU061616.D
Acq: 13 Nov 2024 09:55

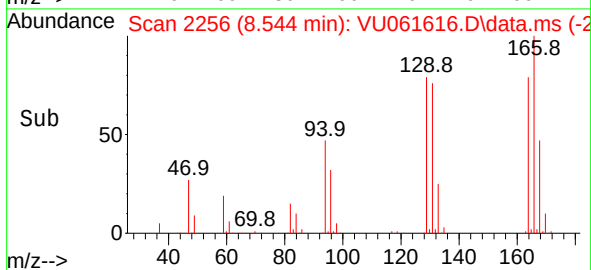
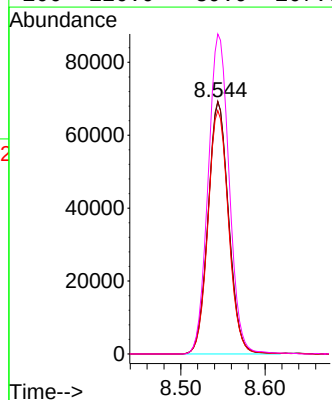
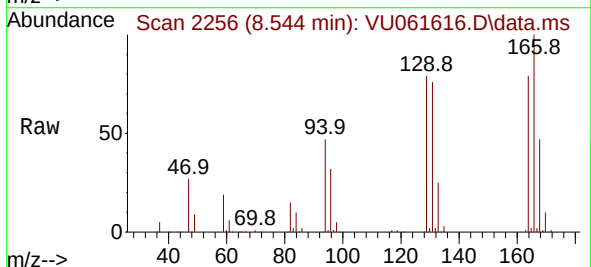
Instrument :
MSVOA_U
ClientSampleId :

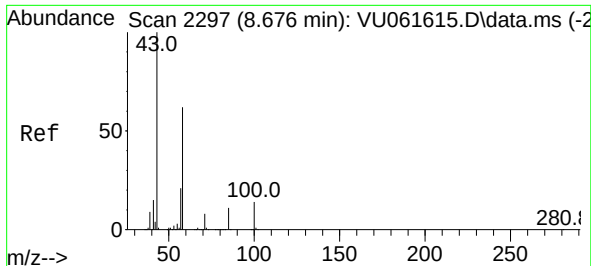
Tgt Ion:	97	Resp:	110429
Ion	Ratio	Lower	Upper
97	100		
99	64.2	43.8	81.3
83	89.9	63.2	117.4
85	57.2	40.3	74.8



#47
Tetrachloroethene
Concen: 10.230 ug/L
RT: 8.544 min Scan# 2256
Delta R.T. 0.000 min
Lab File: VU061616.D
Acq: 13 Nov 2024 09:55

Tgt Ion:	164	Resp:	117557
Ion	Ratio	Lower	Upper
164	100		
129	100.3	71.7	133.3
131	96.6	68.2	126.6
166	126.9	89.9	167.0

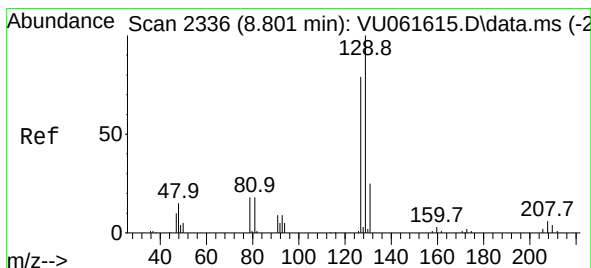
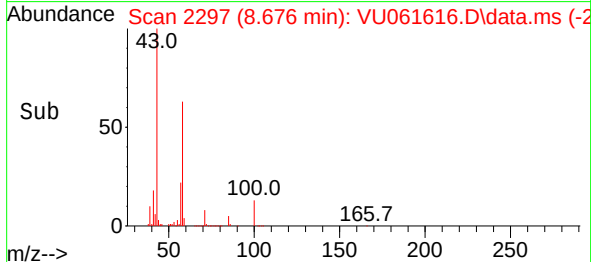
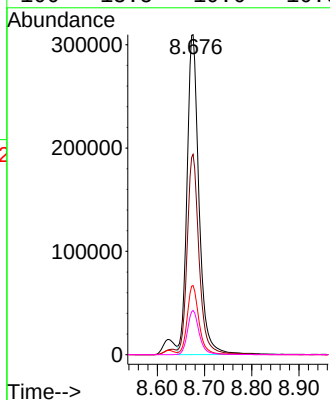
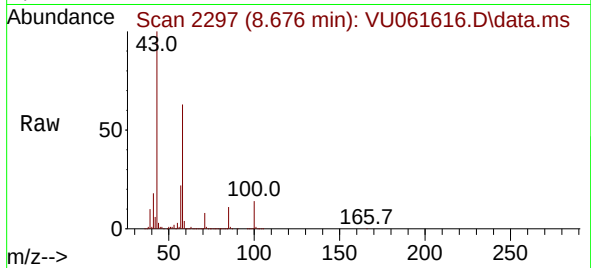




#48
2-Hexanone
Concen: 111.154 ug/L
RT: 8.676 min Scan# 2297
Delta R.T. 0.000 min
Lab File: VU061616.D
Acq: 13 Nov 2024 09:55

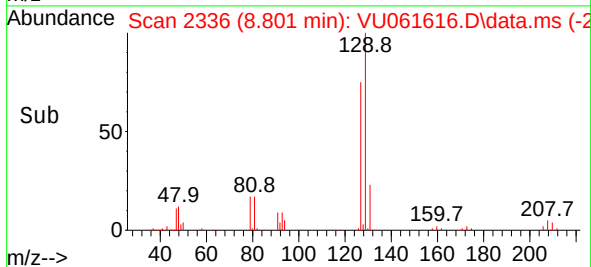
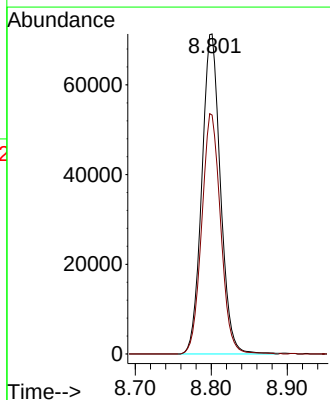
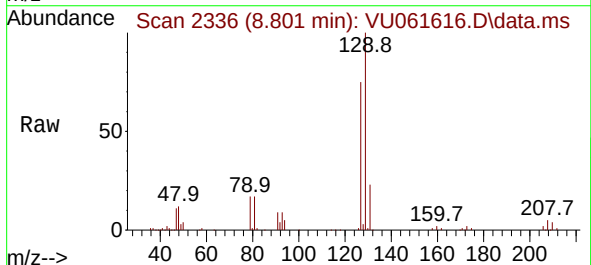
Instrument :
MSVOA_U
ClientSampleId :

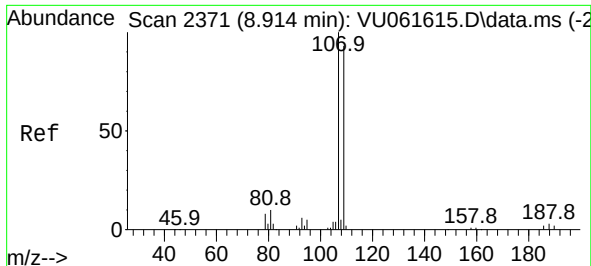
Tgt Ion: 43 Resp: 542974
Ion Ratio Lower Upper
43 100
58 62.4 49.4 74.2
57 21.1 16.3 24.5
100 13.5 10.6 16.0



#49
Dibromochloromethane
Concen: 11.056 ug/L
RT: 8.801 min Scan# 2336
Delta R.T. 0.000 min
Lab File: VU061616.D
Acq: 13 Nov 2024 09:55

Tgt Ion: 129 Resp: 121423
Ion Ratio Lower Upper
129 100
127 74.6 55.1 102.3





#50

1,2-Dibromoethane

Concen: 10.780 ug/L

RT: 8.914 min Scan# 2371

Delta R.T. 0.000 min

Lab File: VU061616.D

Acq: 13 Nov 2024 09:55

Instrument :

MSVOA_U

ClientSampleId :

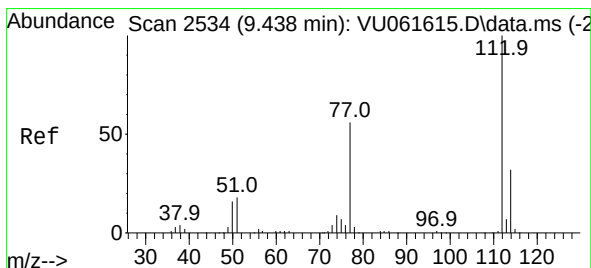
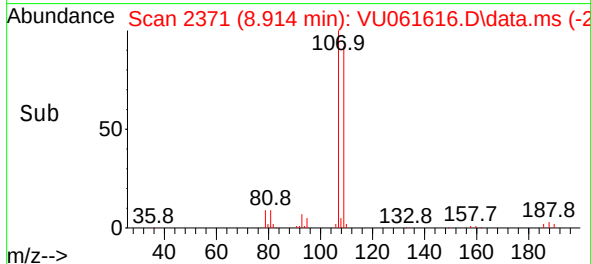
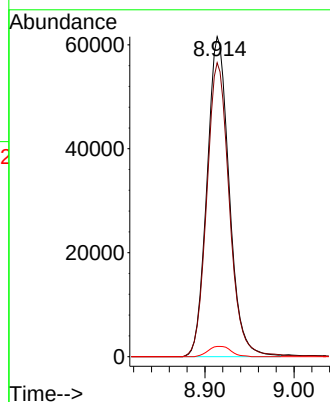
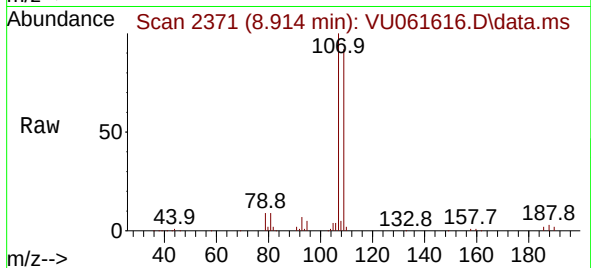
Tgt Ion:107 Resp: 106507

Ion Ratio Lower Upper

107 100

109 91.8 64.8 120.4

188 3.2 2.5 3.7



#51

Chlorobenzene

Concen: 10.559 ug/L

RT: 9.438 min Scan# 2534

Delta R.T. 0.000 min

Lab File: VU061616.D

Acq: 13 Nov 2024 09:55

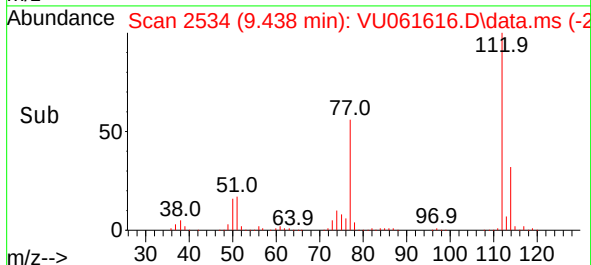
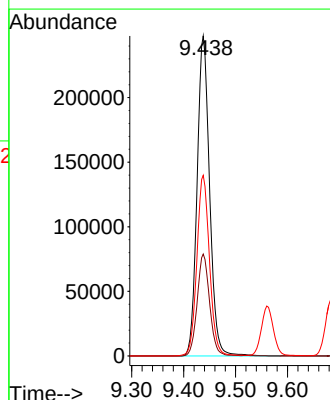
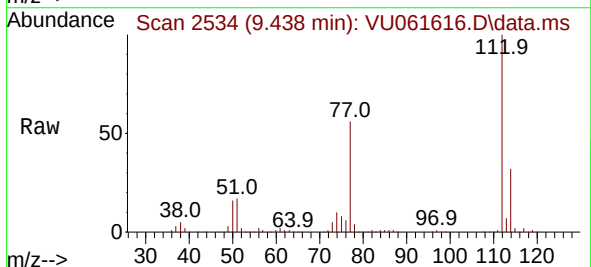
Tgt Ion:112 Resp: 414460

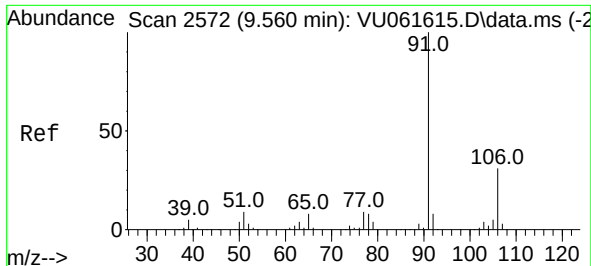
Ion Ratio Lower Upper

112 100

114 31.8 22.5 41.9

77 56.5 45.3 67.9





#52

Ethylbenzene

Concen: 10.900 ug/L

RT: 9.560 min Scan# 2572

Delta R.T. 0.000 min

Lab File: VU061616.D

Acq: 13 Nov 2024 09:55

Instrument :

MSVOA_U

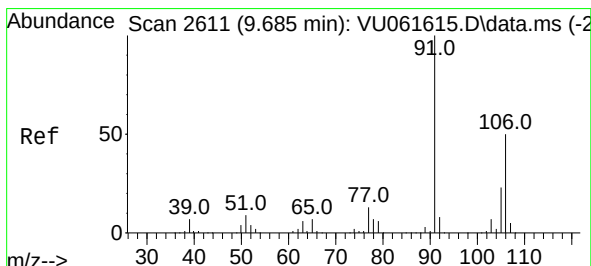
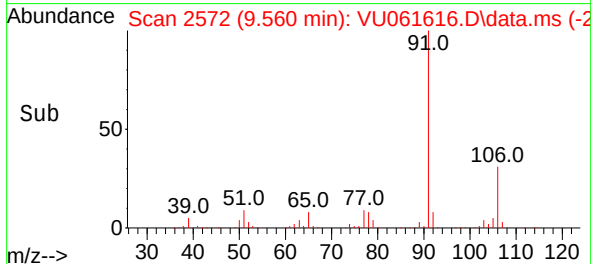
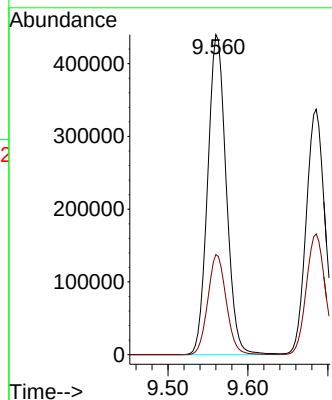
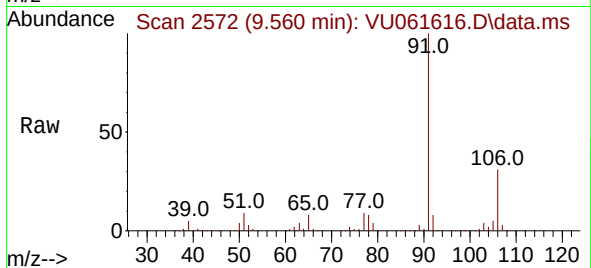
ClientSampleId :

Tgt Ion: 91 Resp: 708005

Ion Ratio Lower Upper

91 100

106 31.3 21.7 40.3



#53

m,p-Xylene

Concen: 11.128 ug/L

RT: 9.685 min Scan# 2611

Delta R.T. 0.000 min

Lab File: VU061616.D

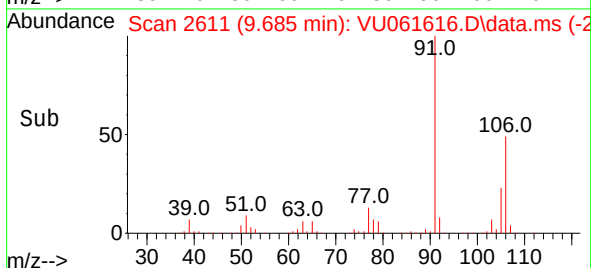
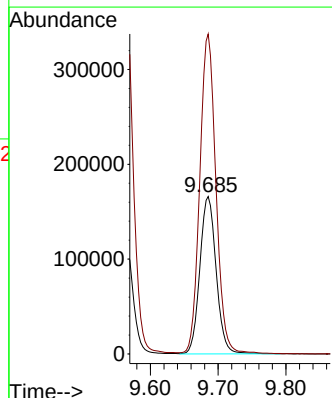
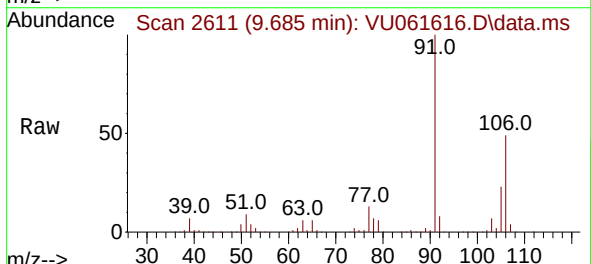
Acq: 13 Nov 2024 09:55

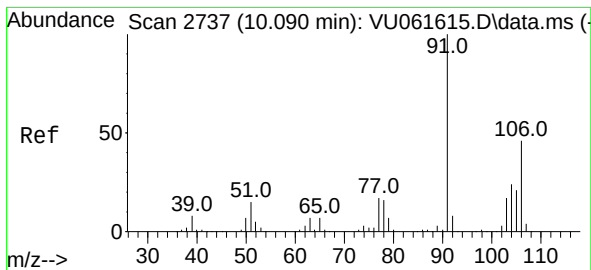
Tgt Ion:106 Resp: 276580

Ion Ratio Lower Upper

106 100

91 203.3 140.4 260.8





#54

o-Xylene

Concen: 11.091 ug/L

RT: 10.090 min Scan# 2737

Delta R.T. 0.000 min

Lab File: VU061616.D

Acq: 13 Nov 2024 09:55

Instrument :

MSVOA_U

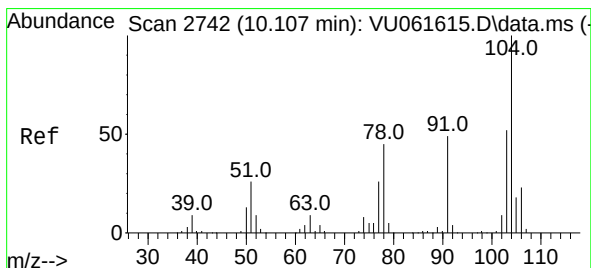
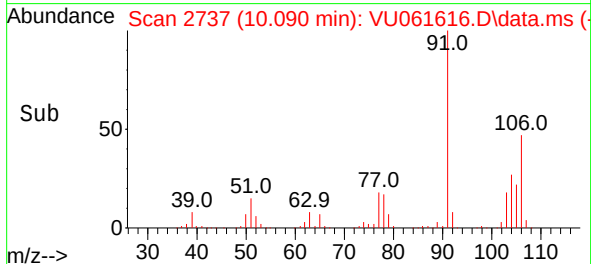
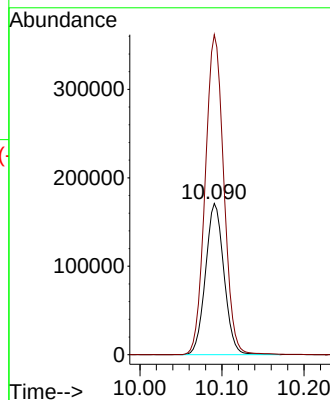
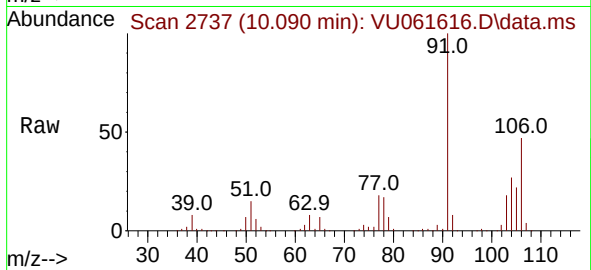
ClientSampleId :

Tgt Ion:106 Resp: 267929

Ion Ratio Lower Upper

106 100

91 211.6 151.3 280.9



#55

Styrene

Concen: 11.526 ug/L

RT: 10.107 min Scan# 2742

Delta R.T. 0.000 min

Lab File: VU061616.D

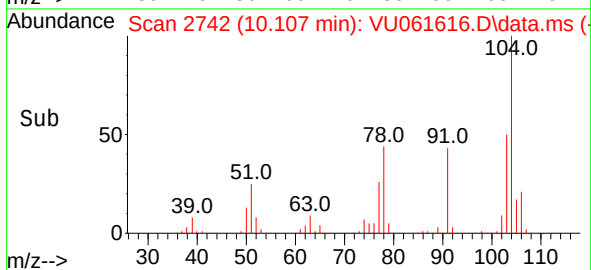
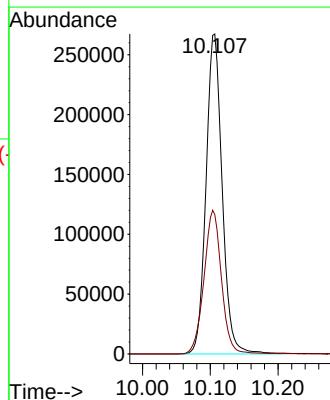
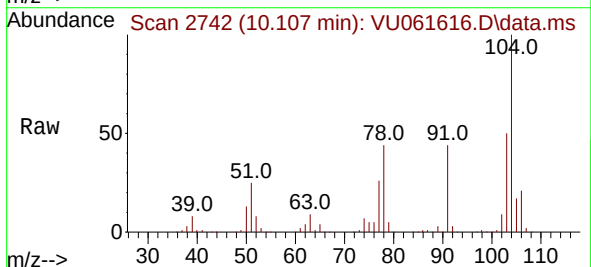
Acq: 13 Nov 2024 09:55

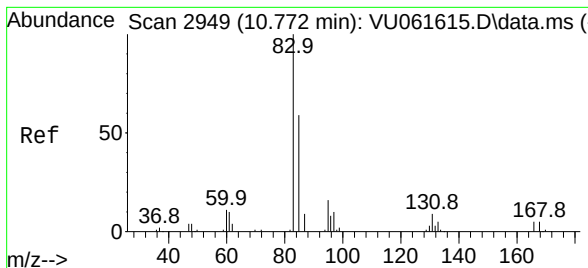
Tgt Ion:104 Resp: 443303

Ion Ratio Lower Upper

104 100

78 43.6 31.6 58.6





#57

1,1,2,2-Tetrachloroethane

Concen: 10.588 ug/L

RT: 10.772 min Scan# 2949

Delta R.T. 0.000 min

Lab File: VU061616.D

Acq: 13 Nov 2024 09:55

Instrument :

MSVOA_U

ClientSampleId :

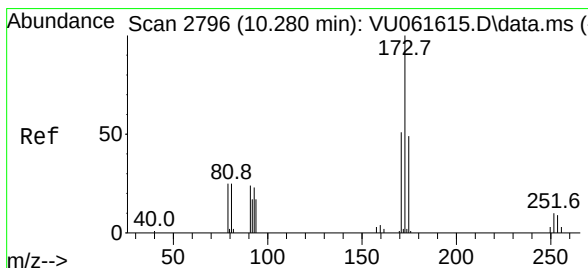
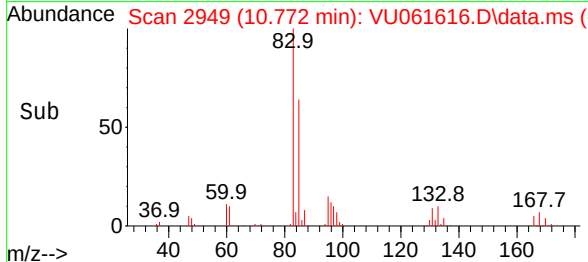
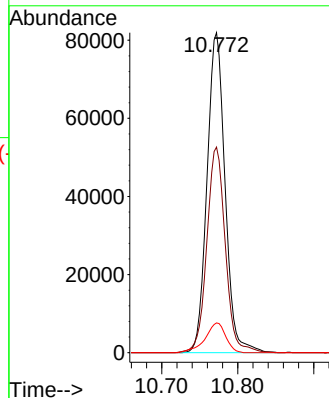
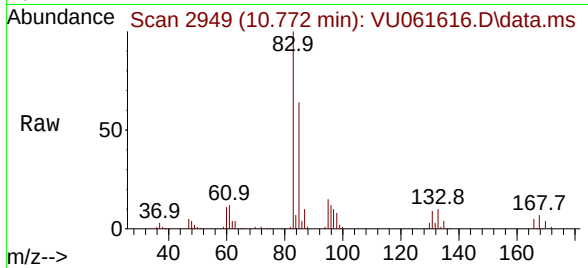
Tgt Ion: 83 Resp: 134957

Ion Ratio Lower Upper

83 100

85 64.3 41.9 77.9

131 9.3 7.8 11.6



#59

Bromoform

Concen: 10.816 ug/L

RT: 10.280 min Scan# 2796

Delta R.T. 0.000 min

Lab File: VU061616.D

Acq: 13 Nov 2024 09:55

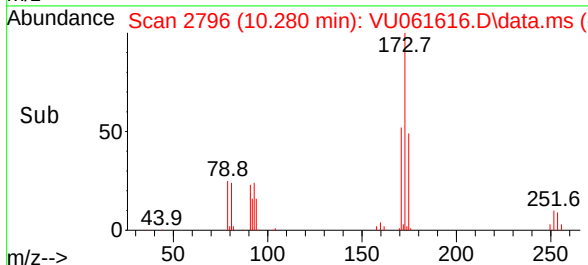
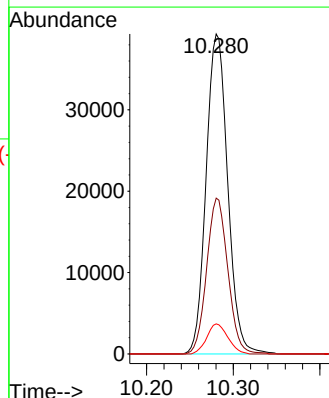
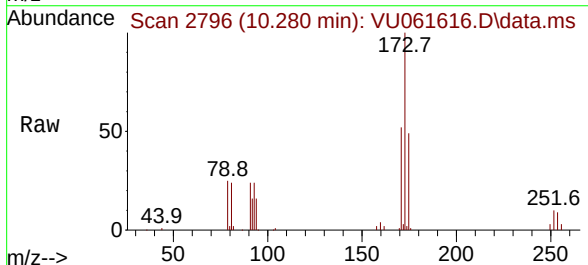
Tgt Ion:173 Resp: 67988

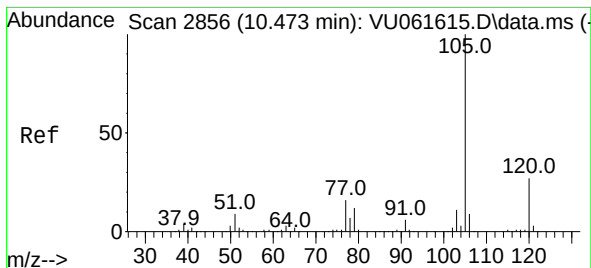
Ion Ratio Lower Upper

173 100

175 47.8 39.3 58.9

254 9.2 7.8 11.8





#60

Isopropylbenzene

Concen: 10.742 ug/L

RT: 10.473 min Scan# 2856

Delta R.T. 0.000 min

Lab File: VU061616.D

Acq: 13 Nov 2024 09:55

Instrument :

MSVOA_U

ClientSampleId :

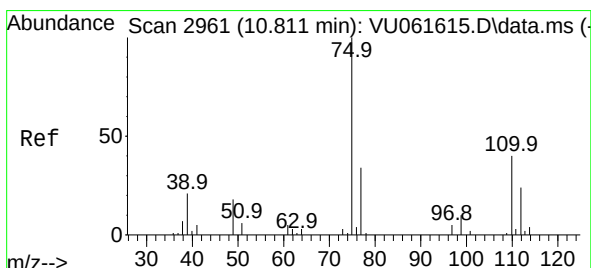
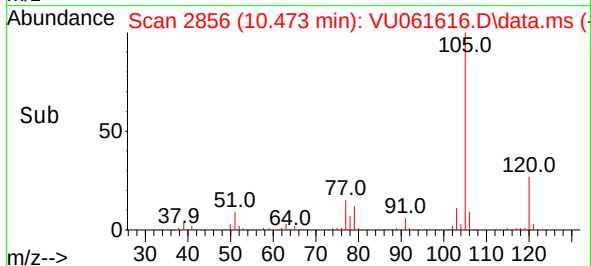
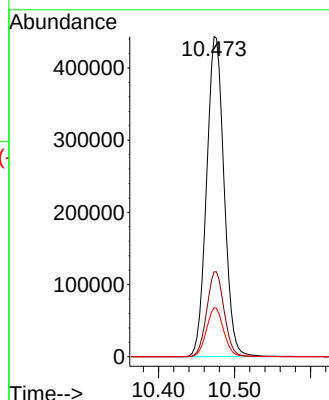
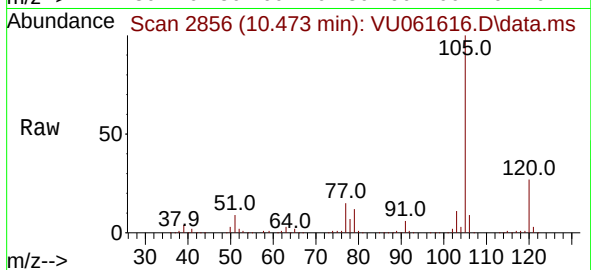
Tgt Ion:105 Resp: 707482

Ion Ratio Lower Upper

105 100

120 26.4 21.6 32.4

77 15.1 12.8 19.2



#61

1,2,3-Trichloropropane

Concen: 10.318 ug/L

RT: 10.811 min Scan# 2961

Delta R.T. 0.000 min

Lab File: VU061616.D

Acq: 13 Nov 2024 09:55

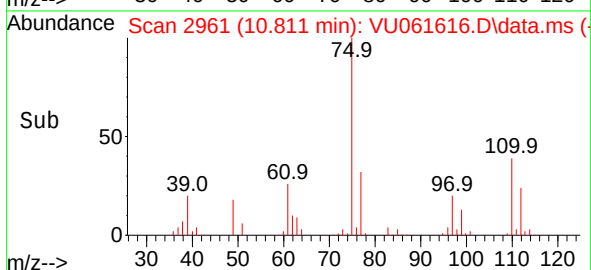
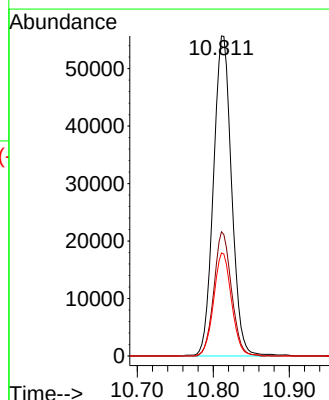
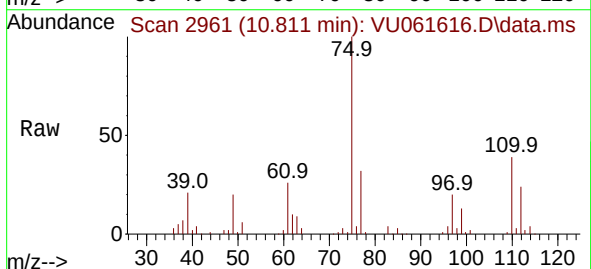
Tgt Ion: 75 Resp: 92306

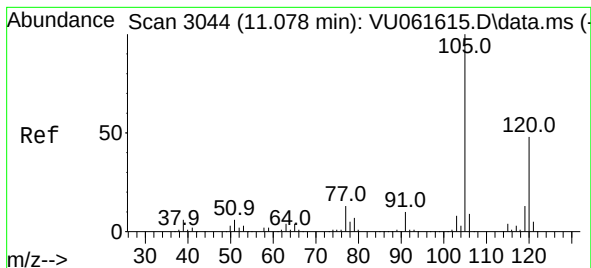
Ion Ratio Lower Upper

75 100

110 37.4 31.3 46.9

77 31.7 26.0 39.0

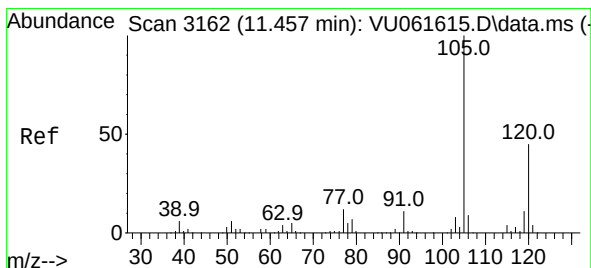
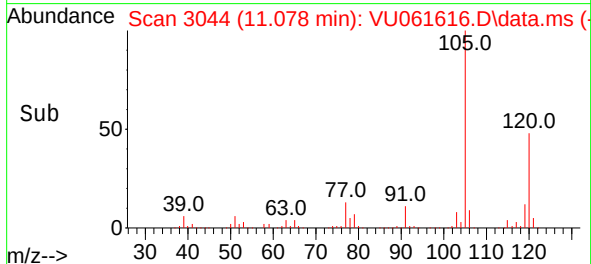
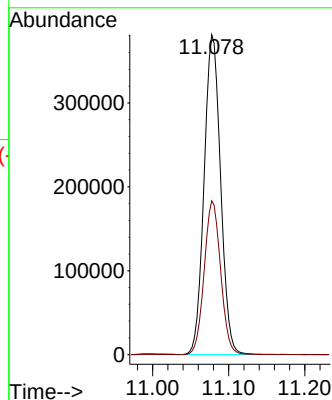
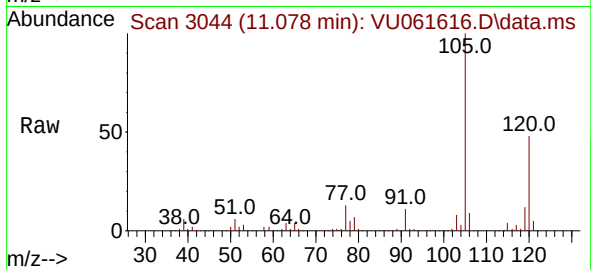




#62
1,3,5-Trimethylbenzene
Concen: 10.885 ug/L
RT: 11.078 min Scan# 3044
Delta R.T. 0.000 min
Lab File: VU061616.D
Acq: 13 Nov 2024 09:55

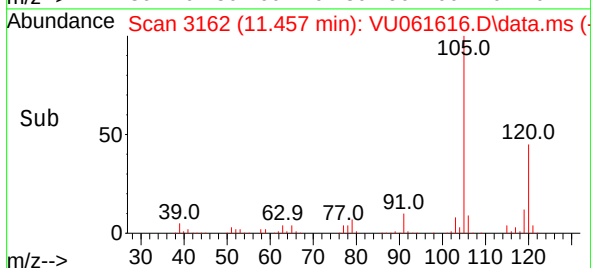
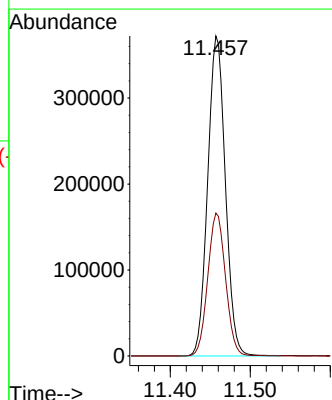
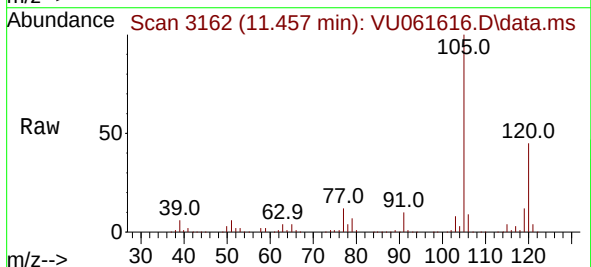
Instrument :
MSVOA_U
ClientSampleId :

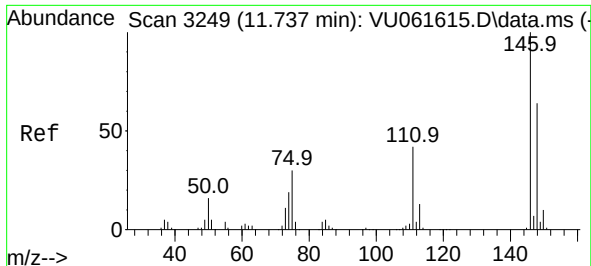
Tgt Ion:105 Resp: 574005
Ion Ratio Lower Upper
105 100
120 48.0 38.5 57.7



#63
1,2,4-Trimethylbenzene
Concen: 11.136 ug/L
RT: 11.457 min Scan# 3162
Delta R.T. 0.000 min
Lab File: VU061616.D
Acq: 13 Nov 2024 09:55

Tgt Ion:105 Resp: 571587
Ion Ratio Lower Upper
105 100
120 44.8 36.3 54.5

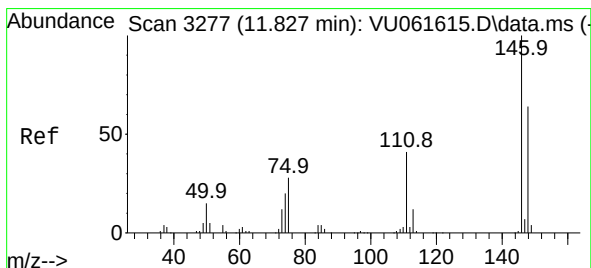
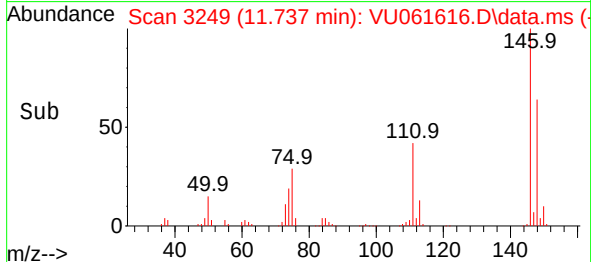
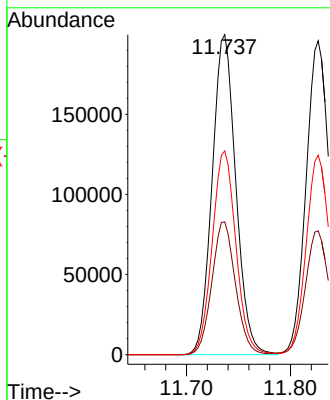
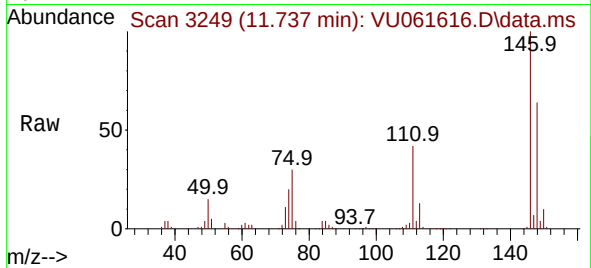




#64
1,3-Dichlorobenzene
Concen: 10.489 ug/L
RT: 11.737 min Scan# 3249
Delta R.T. 0.000 min
Lab File: VU061616.D
Acq: 13 Nov 2024 09:55

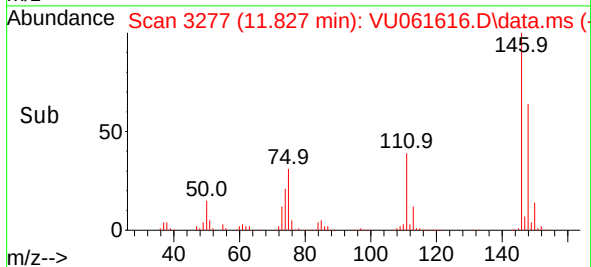
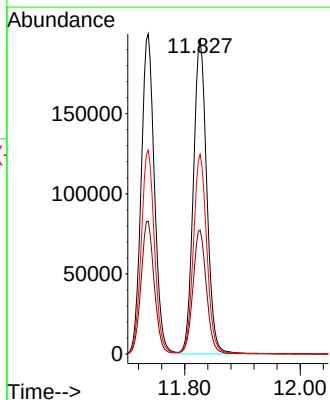
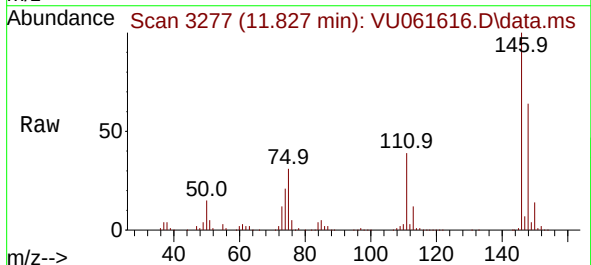
Instrument :
MSVOA_U
ClientSampleId :

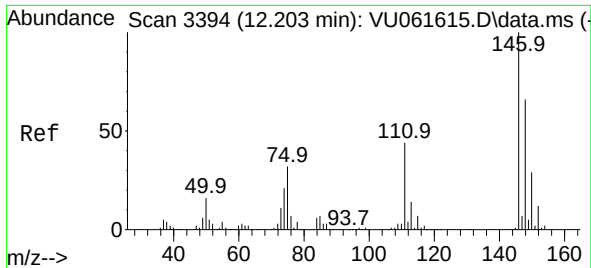
Tgt Ion:146 Resp: 316816
Ion Ratio Lower Upper
146 100
111 41.5 29.3 54.3
148 63.7 44.5 82.7



#65
1,4-Dichlorobenzene
Concen: 10.319 ug/L
RT: 11.827 min Scan# 3277
Delta R.T. 0.000 min
Lab File: VU061616.D
Acq: 13 Nov 2024 09:55

Tgt Ion:146 Resp: 316467
Ion Ratio Lower Upper
146 100
111 39.4 28.8 53.4
148 63.6 44.7 83.1





#67

1,2-Dichlorobenzene

Concen: 10.517 ug/L

RT: 12.203 min Scan# 3394

Delta R.T. 0.000 min

Lab File: VU061616.D

Acq: 13 Nov 2024 09:55

Instrument :

MSVOA_U

ClientSampleId :

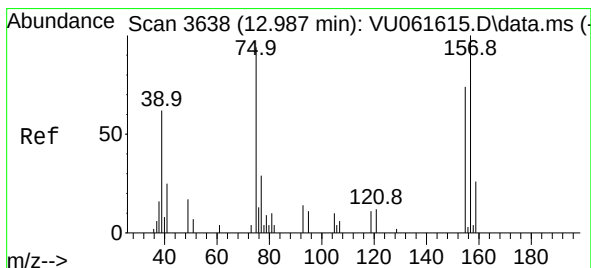
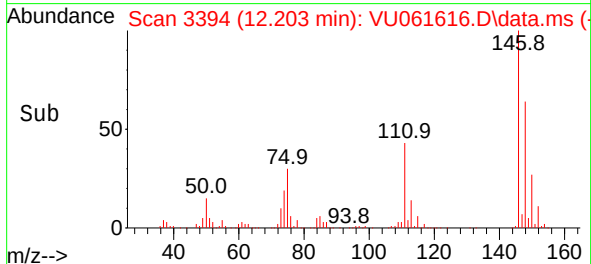
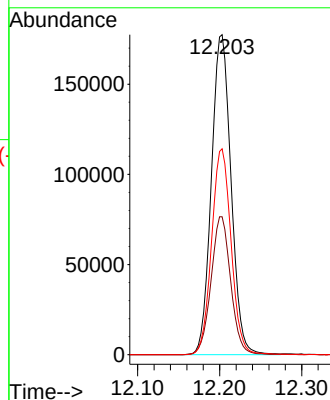
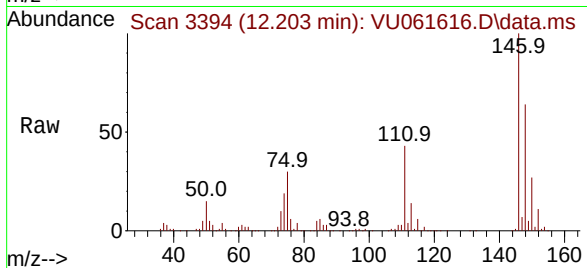
Tgt Ion:146 Resp: 295418

Ion Ratio Lower Upper

146 100

111 43.1 35.2 52.8

148 64.4 52.6 79.0



#68

1,2-Dibromo-3-chloropropane

Concen: 10.898 ug/L

RT: 12.987 min Scan# 3638

Delta R.T. 0.000 min

Lab File: VU061616.D

Acq: 13 Nov 2024 09:55

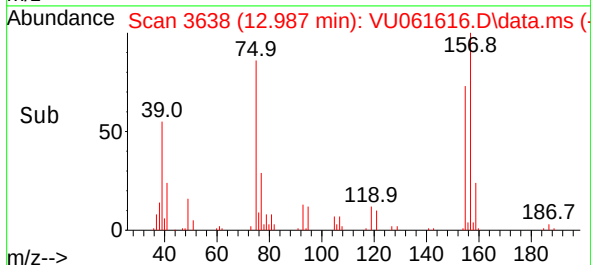
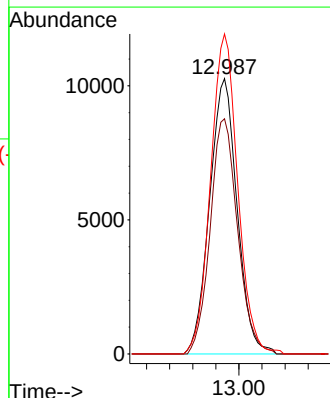
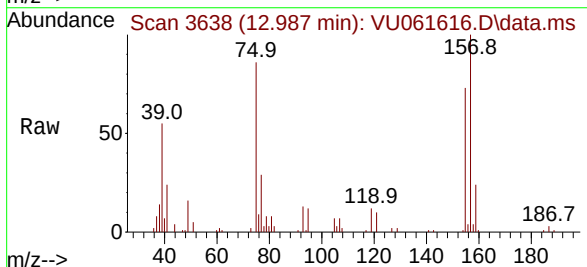
Tgt Ion: 75 Resp: 17024

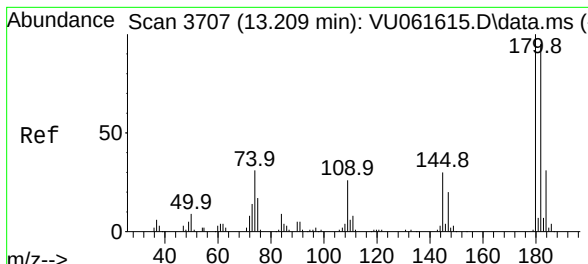
Ion Ratio Lower Upper

75 100

155 85.4 62.6 93.8

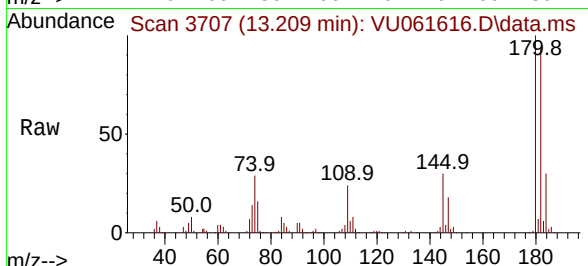
157 116.2 84.9 127.3





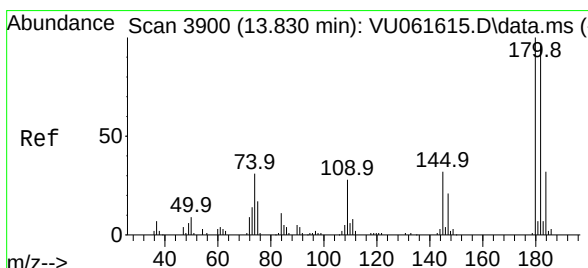
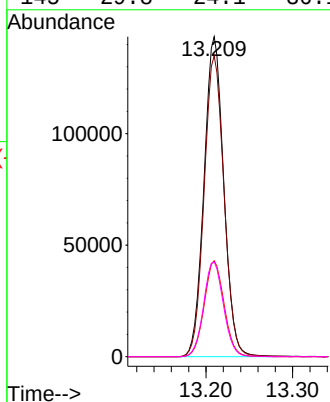
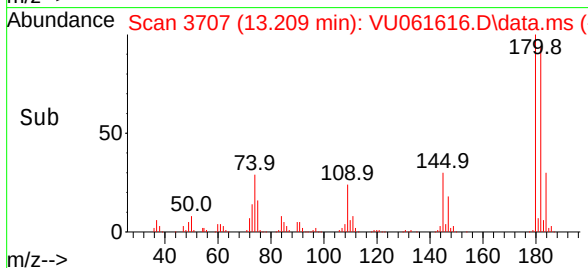
#69
 1,3,5-Trichlorobenzene
 Concen: 10.784 ug/L
 RT: 13.209 min Scan# 31
 Delta R.T. 0.000 min
 Lab File: VU061616.D
 Acq: 13 Nov 2024 09:55

Instrument :
 MSVOA_U
 ClientSampleId :

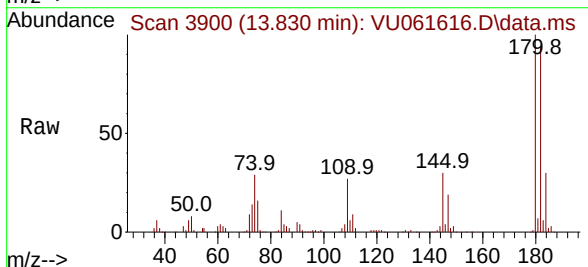


Tgt Ion:180 Resp: 227413

Ion	Ratio	Lower	Upper
180	100		
182	94.7	77.1	115.7
184	30.1	24.7	37.1
145	29.8	24.1	36.1

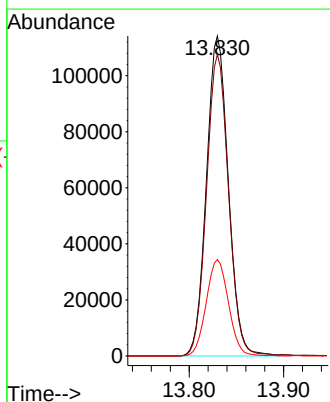
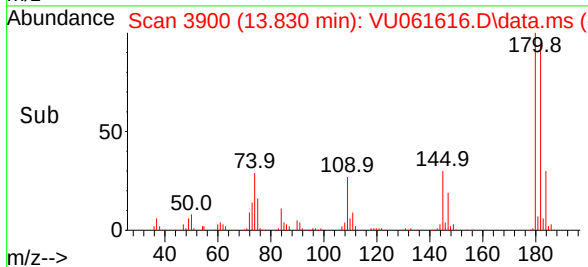


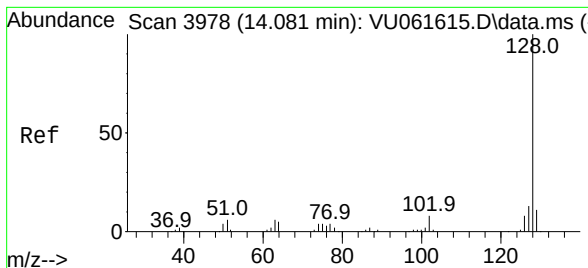
#70
 1,2,4-trichlorobenzene
 Concen: 11.256 ug/L
 RT: 13.830 min Scan# 3900
 Delta R.T. 0.000 min
 Lab File: VU061616.D
 Acq: 13 Nov 2024 09:55



Tgt Ion:180 Resp: 183966

Ion	Ratio	Lower	Upper
180	100		
182	94.5	77.4	116.0
145	30.6	24.5	36.7





#71

Naphthalene

Concen: 12.279 ug/L

RT: 14.077 min Scan# 3977

Delta R.T. -0.003 min

Lab File: VU061616.D

Acq: 13 Nov 2024 09:55

Instrument :

MSVOA_U

ClientSampleId :

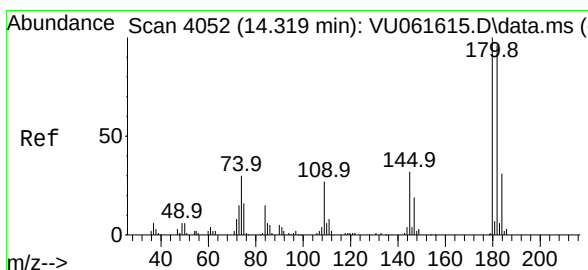
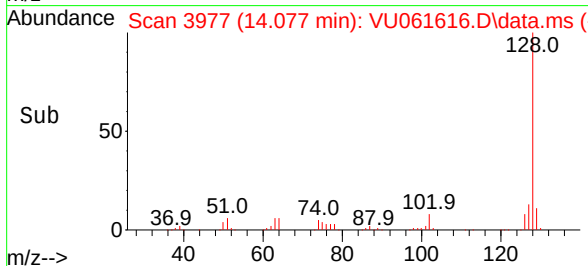
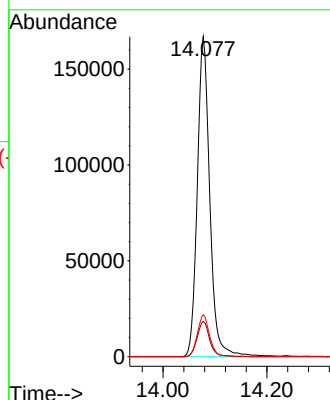
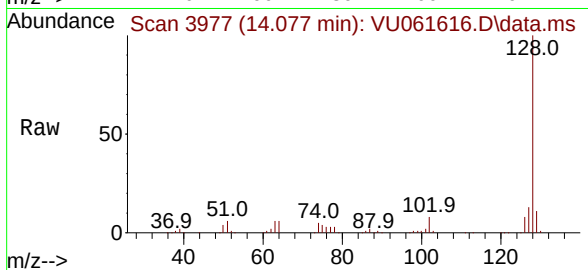
Tgt Ion:128 Resp: 279204

Ion Ratio Lower Upper

128 100

129 10.9 8.5 12.7

127 12.9 10.4 15.6



#72

1,2,3-Trichlorobenzene

Concen: 11.343 ug/L

RT: 14.319 min Scan# 4052

Delta R.T. 0.000 min

Lab File: VU061616.D

Acq: 13 Nov 2024 09:55

Tgt Ion:180 Resp: 155622

Ion Ratio Lower Upper

180 100

182 94.7 76.6 114.8

145 32.2 26.3 39.5

