

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU111324\
 Data File : VU061613.D
 Acq On : 13 Nov 2024 08:42
 Operator : MD/SY
 Sample : VSTD0.5
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Nov 14 00:03:59 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	6.242	114	195642	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	183344	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	82448	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	6262	0.495	ug/L	0.00
7) Chloroethane-d5	1.911	69	5309	0.492	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.563	65	2791	0.492	ug/L	0.00
20) 2-Butanone-d5	4.660	46	10740	4.073	ug/L	0.03
24) Chloroform-d	5.055	84	11881	0.473	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.702	65	5558	0.461	ug/L	0.00
32) Benzene-d6	5.724	84	23947	0.472	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.685	67	6814	0.455	ug/L	0.00
41) Toluene-d8	7.894	98	21385	0.452	ug/L	0.00
43) trans-1,3-Dichloroprop...	8.181	79	2306	0.418	ug/L	0.00
46) 2-Hexanone-d5	8.637	63	7870	3.633	ug/L	0.01
56) 1,1,2,2-Tetrachloroeth...	10.750	84	5262	0.446	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	12.190	152	6959	0.474	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.383	85	6608	0.454	ug/L	100
3) Chloromethane	1.518	50	6268	0.475	ug/L	87
5) Vinyl chloride	1.602	62	6656	0.457	ug/L	94
6) Bromomethane	1.856	94	3649	0.420	ug/L	97
8) Chloroethane	1.930	64	4914	0.487	ug/L	96
9) Trichlorofluoromethane	2.136	101	9677	0.452	ug/L	96
10) 1,1,2-Trichloro-1,2,2-...	2.576	101	5983	0.473	ug/L	97
12) 1,1-Dichloroethene	2.576	96	5284	0.447	ug/L	97
13) Acetone	2.650	43	8179	4.839	ug/L	98
14) Carbon disulfide	2.789	76	18040	0.476	ug/L	97
15) Methyl Acetate	2.969	43	1995	0.472	ug/L #	64
16) Methylene chloride	3.039	84	6506	0.478	ug/L	94
17) Methyl tert-butyl Ether	3.361	73	12314	0.425	ug/L	97
18) trans-1,2-Dichloroethene	3.351	96	5805	0.448	ug/L	98
19) 1,1-Dichloroethane	3.866	63	10675	0.452	ug/L	98
21) 2-Butanone	4.731	43	10371	3.896	ug/L	83
22) cis-1,2-Dichloroethene	4.669	96	6406	0.438	ug/L	97
23) Bromochloromethane	4.972	128	2924	0.451	ug/L #	95
25) Chloroform	5.078	83	10562	0.424	ug/L	97
27) 1,2-Dichloroethane	5.792	62	6764	0.433	ug/L #	74
29) 1,1,1-Trichloroethane	5.309	97	9143	0.438	ug/L	93
30) Cyclohexane	5.380	56	9176	0.440	ug/L	98
31) Carbon tetrachloride	5.518	117	7790	0.438	ug/L	98
33) Benzene	5.769	78	24623	0.444	ug/L	100
34) Trichloroethene	6.538	95	6688	0.446	ug/L	95
35) Methylcyclohexane	6.756	83	9603	0.425	ug/L	98
37) 1,2-Dichloropropane	6.785	63	6287	0.447	ug/L #	93
38) Bromodichloromethane	7.100	83	7338	0.434	ug/L	95
39) cis-1,3-Dichloropropene	7.605	75	8142	0.406	ug/L	99
40) 4-Methyl-2-pentanone	7.792	43	27229	4.034	ug/L	99
42) Toluene	7.965	91	25440	0.426	ug/L	99
44) trans-1,3-Dichloropropene	8.210	75	6212	0.391	ug/L	95

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU111324\
 Data File : VU061613.D
 Acq On : 13 Nov 2024 08:42
 Operator : MD/SY
 Sample : VSTD0.5
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Nov 14 00:03:59 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)

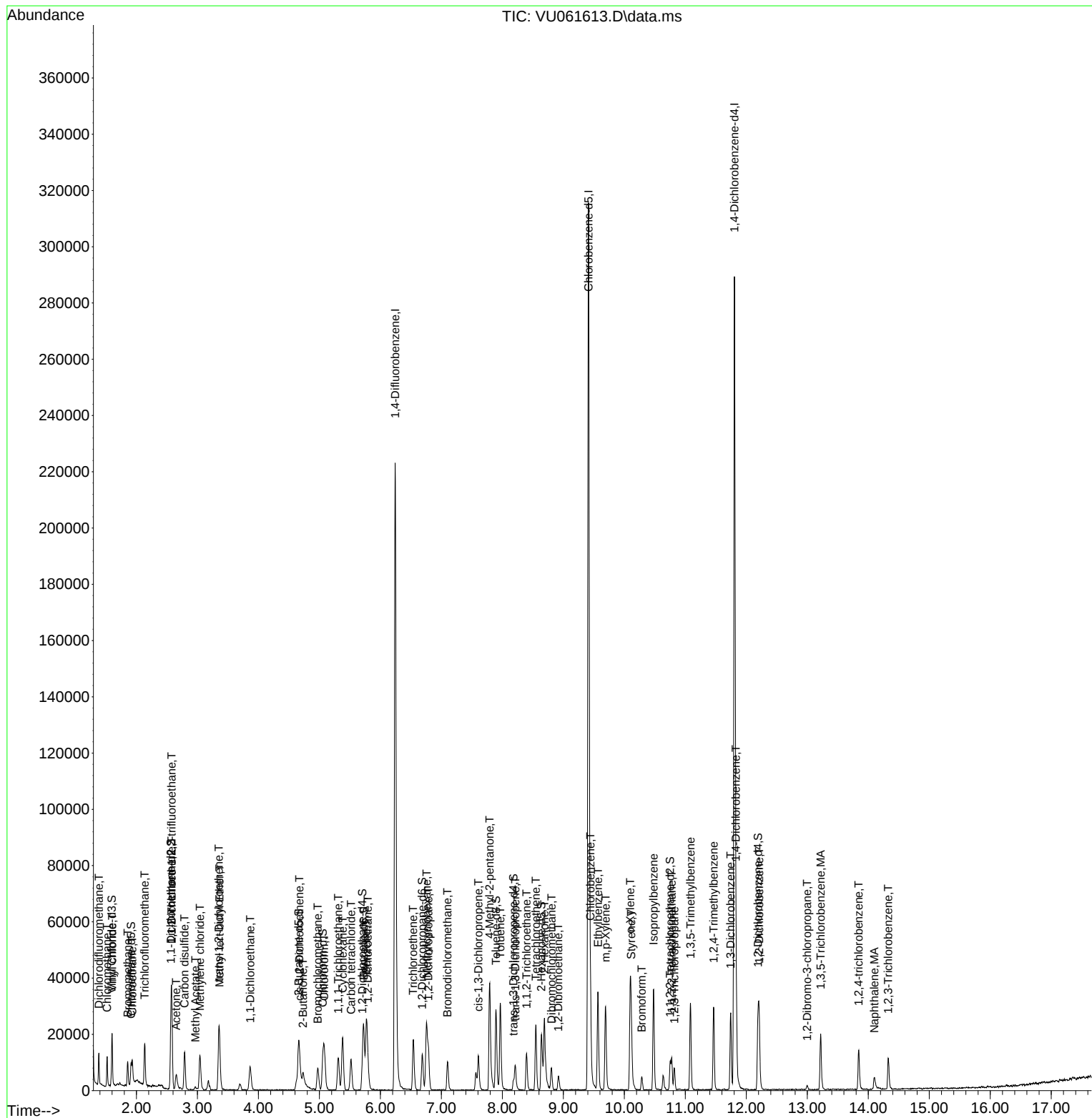
45) 1,1,2-Trichloroethane	8.396	97	4430	0.432	ug/L	93
47) Tetrachloroethene	8.550	164	5218	0.463	ug/L	92
48) 2-Hexanone	8.689	43	17817	3.723	ug/L	93
49) Dibromochloromethane	8.804	129	4238	0.394	ug/L	95
50) 1,2-Dibromoethane	8.917	107	4129	0.427	ug/L #	95
51) Chlorobenzene	9.444	112	17299	0.450	ug/L	95
52) Ethylbenzene	9.566	91	25568	0.402	ug/L	92
53) m,p-Xylene	9.692	106	9768	0.401	ug/L	88
54) o-Xylene	10.097	106	9285	0.392	ug/L	88
55) Styrene	10.113	104	13774	0.366	ug/L	97
57) 1,1,2,2-Tetrachloroethane	10.775	83	5571	0.446	ug/L #	97
59) Bromoform	10.283	173	2420	0.443	ug/L #	91
60) Isopropylbenzene	10.480	105	24243	0.424	ug/L	99
61) 1,2,3-Trichloropropane	10.817	75	3634	0.468	ug/L	97
62) 1,3,5-Trimethylbenzene	11.084	105	18806	0.411	ug/L	96
63) 1,2,4-Trimethylbenzene	11.463	105	17466	0.392	ug/L	100
64) 1,3-Dichlorobenzene	11.743	146	11691	0.446	ug/L	99
65) 1,4-Dichlorobenzene	11.830	146	12238	0.460	ug/L	97
67) 1,2-Dichlorobenzene	12.209	146	10708	0.439	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.997	75	497	0.366	ug/L #	75
69) 1,3,5-Trichlorobenzene	13.219	180	7541	0.412	ug/L	94
70) 1,2,4-trichlorobenzene	13.843	180	5553	0.391	ug/L	94
71) Naphthalene	14.097	128	6158	0.312	ug/L #	90
72) 1,2,3-Trichlorobenzene	14.325	180	4517	0.379	ug/L	98

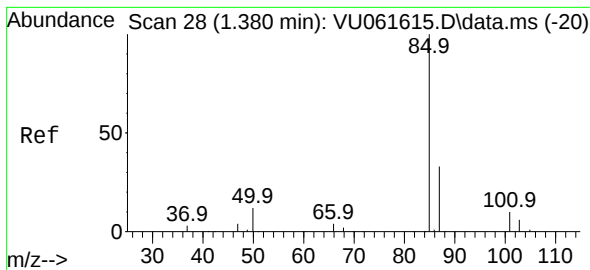
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU111324\
Data File : VU061613.D
Acq On : 13 Nov 2024 08:42
Operator : MD/SY
Sample : VSTD0.5
Misc : 25mL/MSVOA_U/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :

Quant Time: Nov 14 00:03:59 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

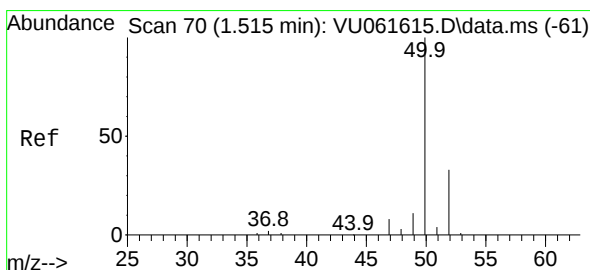
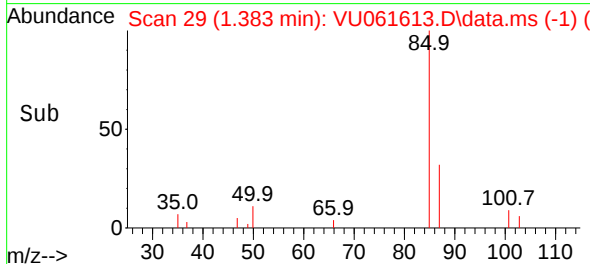
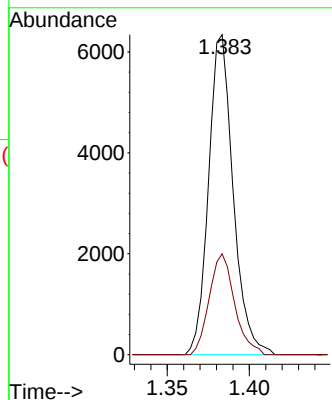
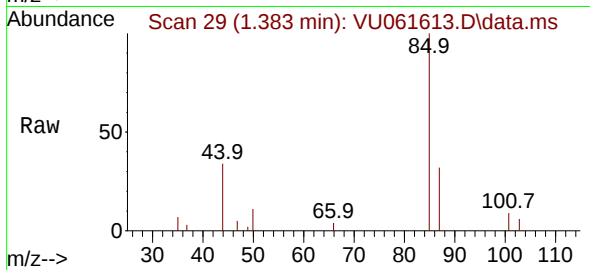




#2
 Dichlorodifluoromethane
 Concen: 0.454 ug/L
 RT: 1.383 min Scan# 20
 Delta R.T. 0.003 min
 Lab File: VU061613.D
 Acq: 13 Nov 2024 08:42

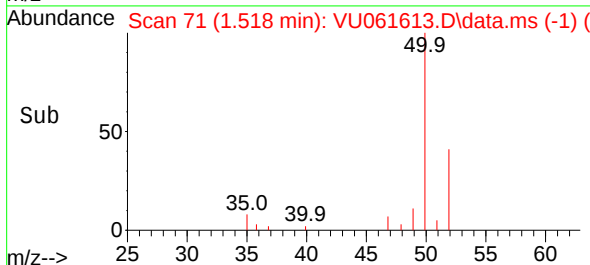
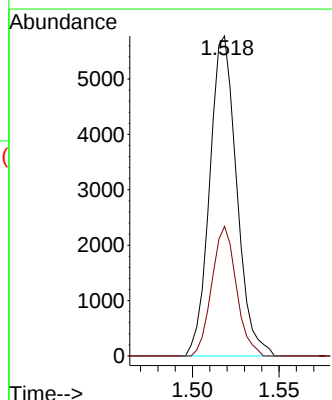
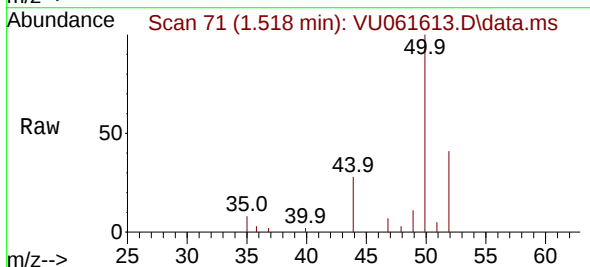
Instrument :
 MSVOA_U
 ClientSampleId :

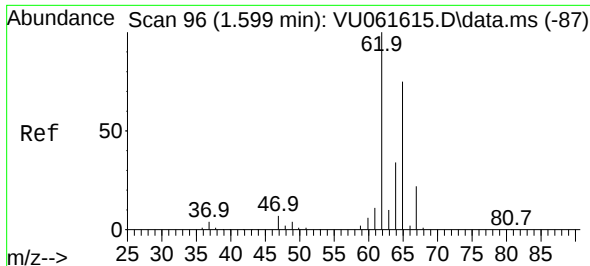
Tgt Ion: 85 Resp: 6608
 Ion Ratio Lower Upper
 85 100
 87 32.5 26.0 39.0



#3
 Chloromethane
 Concen: 0.475 ug/L
 RT: 1.518 min Scan# 71
 Delta R.T. 0.003 min
 Lab File: VU061613.D
 Acq: 13 Nov 2024 08:42

Tgt Ion: 50 Resp: 6268
 Ion Ratio Lower Upper
 50 100
 52 40.5 23.2 43.2

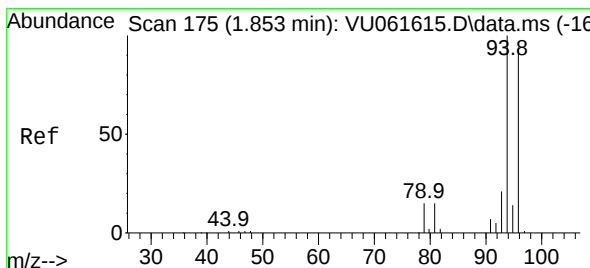
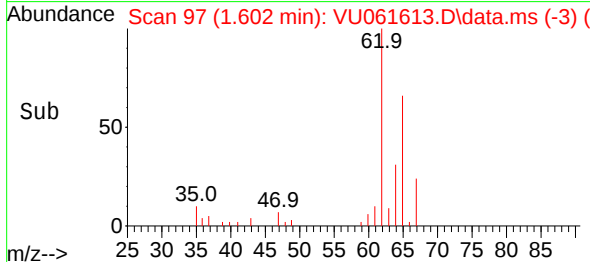
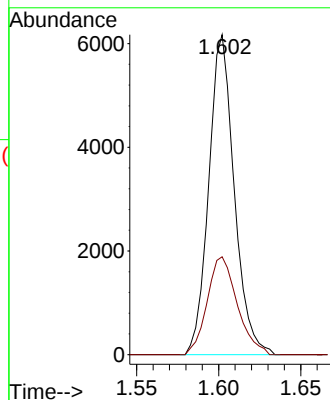
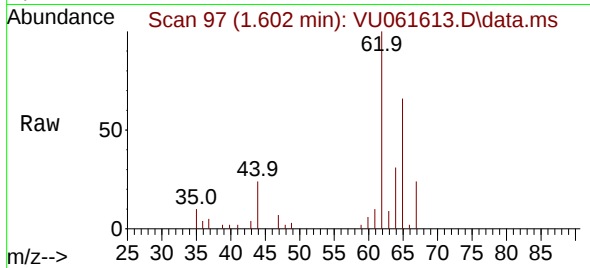




#5
 Vinyl chloride
 Concen: 0.457 ug/L
 RT: 1.602 min Scan# 91
 Delta R.T. 0.003 min
 Lab File: VU061613.D
 Acq: 13 Nov 2024 08:42

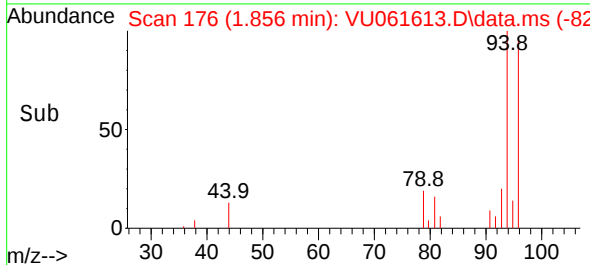
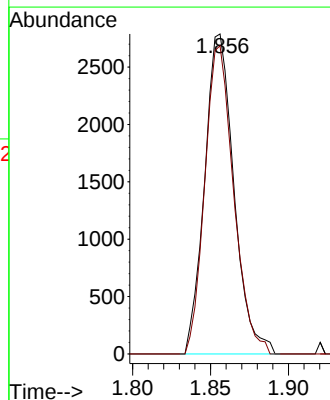
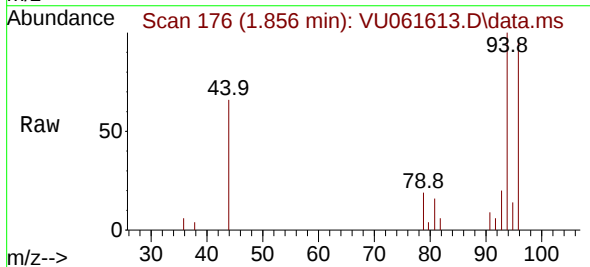
Instrument :
 MSVOA_U
 ClientSampleId :

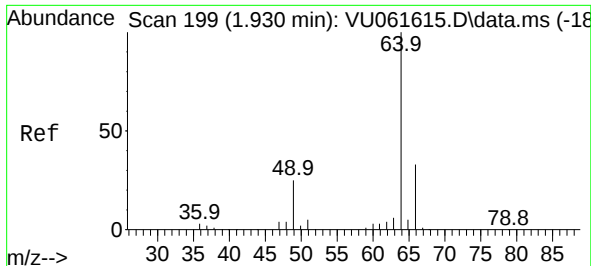
Tgt Ion: 62 Resp: 6656
 Ion Ratio Lower Upper
 62 100
 64 30.6 23.7 44.1



#6
 Bromomethane
 Concen: 0.420 ug/L
 RT: 1.856 min Scan# 176
 Delta R.T. 0.003 min
 Lab File: VU061613.D
 Acq: 13 Nov 2024 08:42

Tgt Ion: 94 Resp: 3649
 Ion Ratio Lower Upper
 94 100
 96 96.3 65.7 121.9

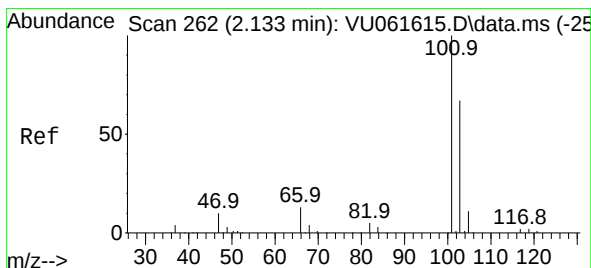
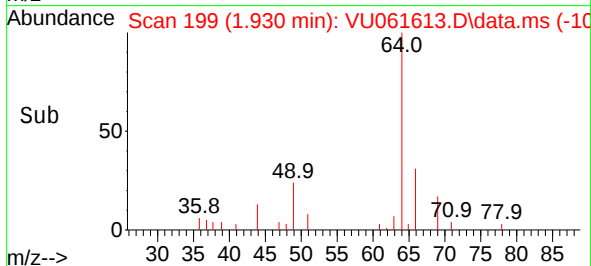
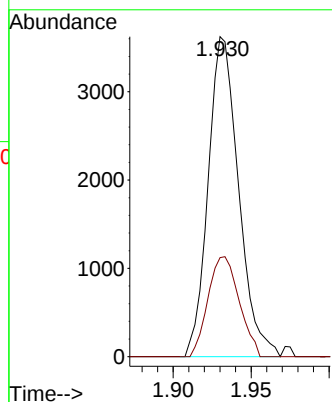
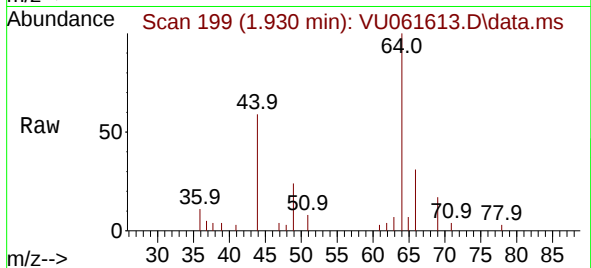




#8
Chloroethane
Concen: 0.487 ug/L
RT: 1.930 min Scan# 199
Delta R.T. 0.000 min
Lab File: VU061613.D
Acq: 13 Nov 2024 08:42

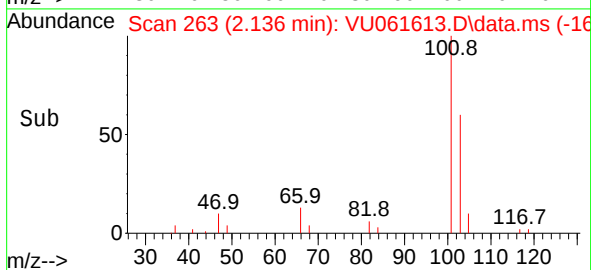
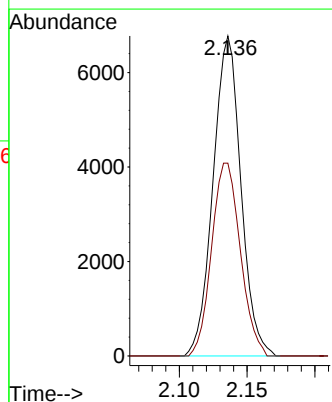
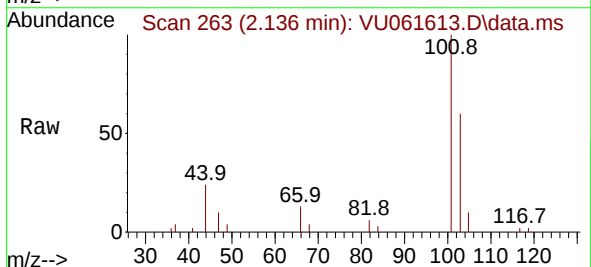
Instrument :
MSVOA_U
ClientSampleId :

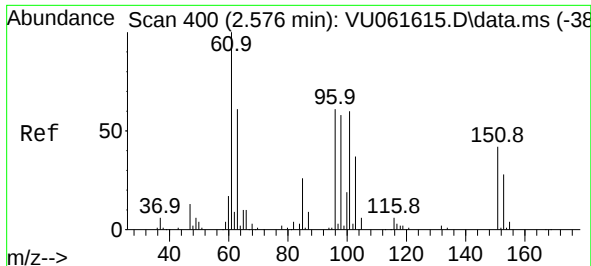
Tgt Ion: 64 Resp: 4914
Ion Ratio Lower Upper
64 100
66 30.9 23.1 42.9



#9
Trichlorofluoromethane
Concen: 0.452 ug/L
RT: 2.136 min Scan# 263
Delta R.T. 0.003 min
Lab File: VU061613.D
Acq: 13 Nov 2024 08:42

Tgt Ion:101 Resp: 9677
Ion Ratio Lower Upper
101 100
103 62.1 52.2 78.2

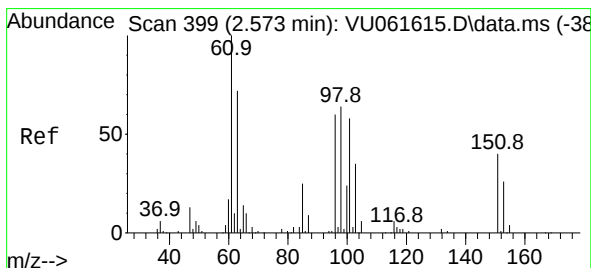
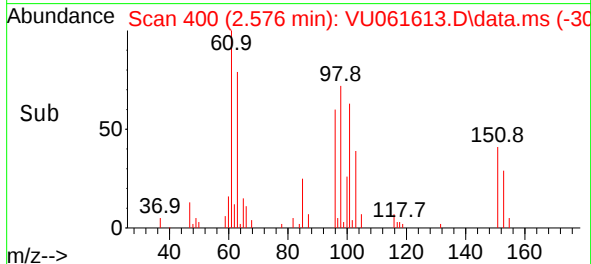
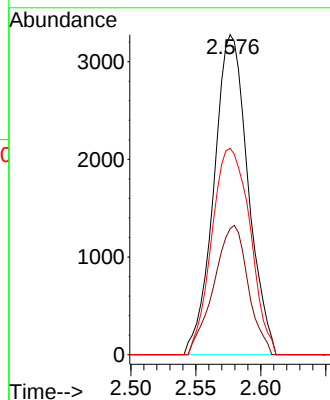
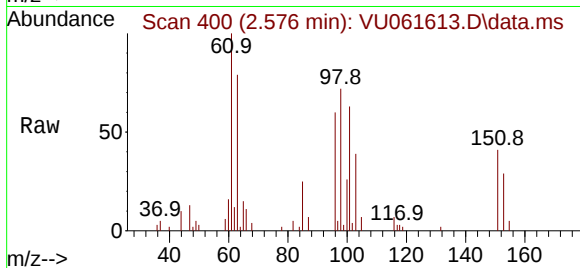




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.473 ug/L
RT: 2.576 min Scan# 400
Delta R.T. 0.000 min
Lab File: VU061613.D
Acq: 13 Nov 2024 08:42

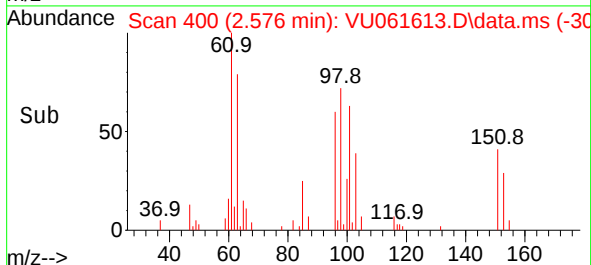
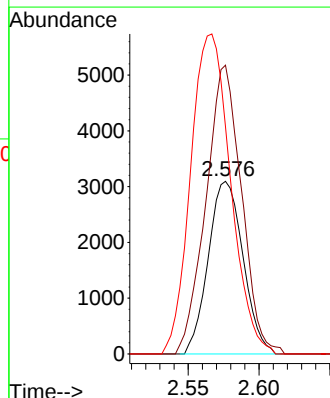
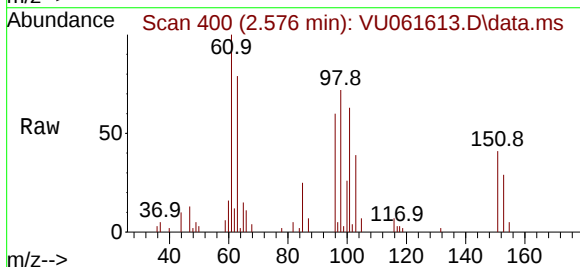
Instrument :
MSVOA_U
ClientSampleId :

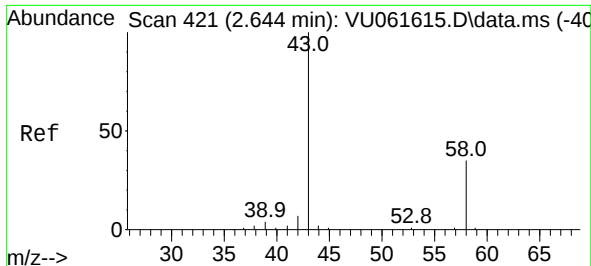
Tgt Ion:	101	Resp:	5983
Ion	Ratio	Lower	Upper
101	100		
85	40.6	35.1	52.7
151	72.2	56.9	85.3



#12
1,1-Dichloroethene
Concen: 0.447 ug/L
RT: 2.576 min Scan# 400
Delta R.T. 0.003 min
Lab File: VU061613.D
Acq: 13 Nov 2024 08:42

Tgt Ion:	96	Resp:	5284
Ion	Ratio	Lower	Upper
96	100		
61	167.2	116.8	217.0
63	131.7	86.1	159.9





#13

Acetone

Concen: 4.839 ug/L

RT: 2.650 min Scan# 41

Delta R.T. 0.006 min

Lab File: VU061613.D

Acq: 13 Nov 2024 08:42

Instrument :

MSVOA_U

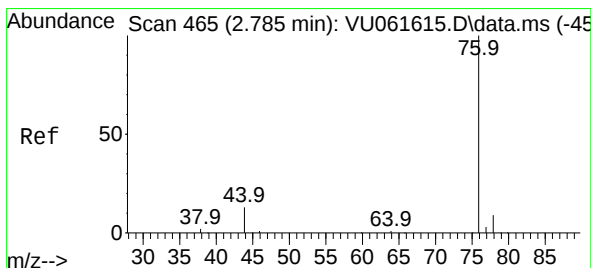
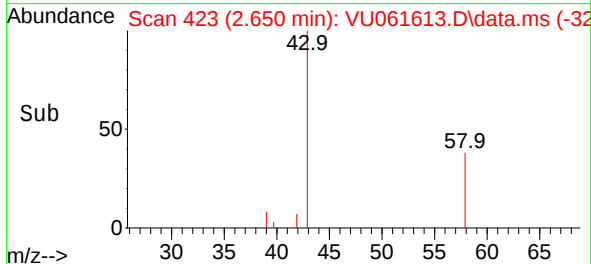
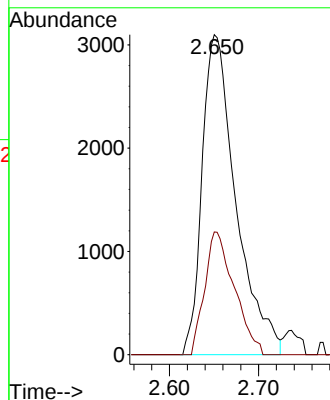
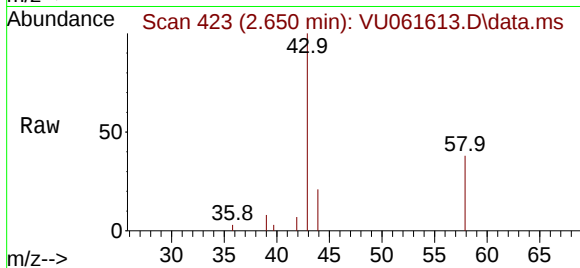
ClientSampleId :

Tgt Ion: 43 Resp: 8179

Ion Ratio Lower Upper

43 100

58 33.5 0.0 69.8



#14

Carbon disulfide

Concen: 0.476 ug/L

RT: 2.789 min Scan# 466

Delta R.T. 0.003 min

Lab File: VU061613.D

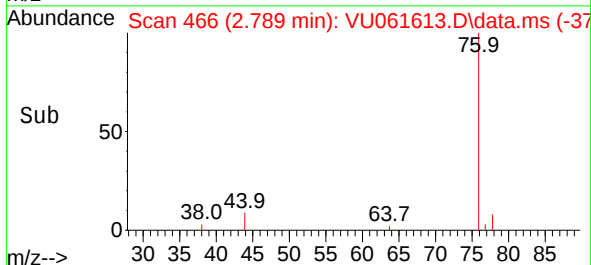
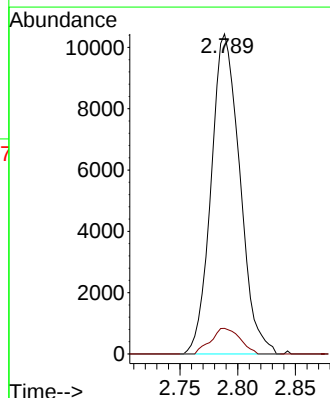
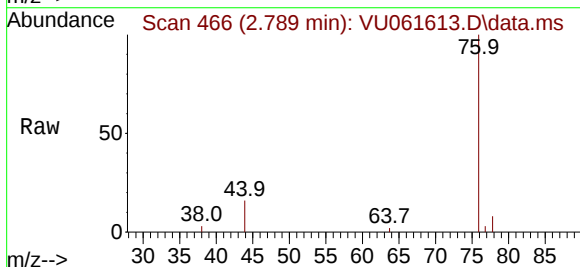
Acq: 13 Nov 2024 08:42

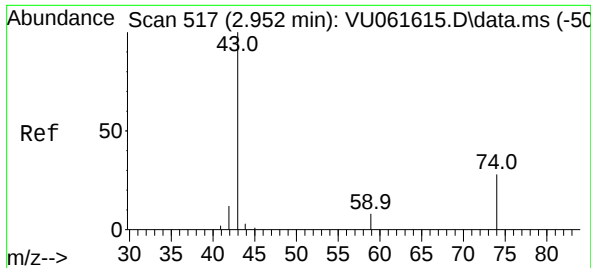
Tgt Ion: 76 Resp: 18040

Ion Ratio Lower Upper

76 100

78 8.0 7.3 10.9

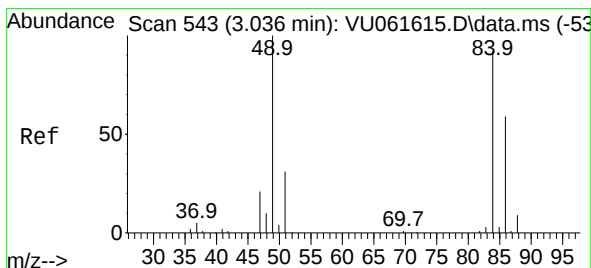
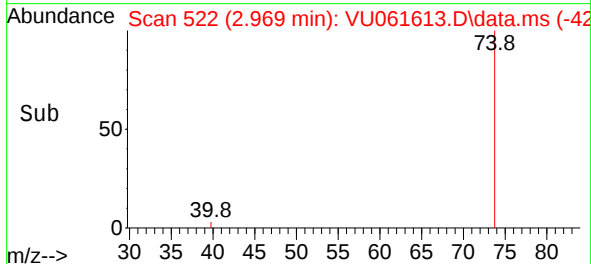
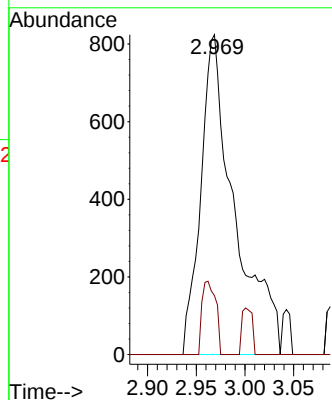
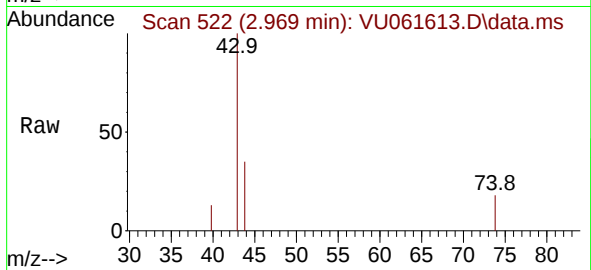




#15
Methyl Acetate
Concen: 0.472 ug/L
RT: 2.969 min Scan# 51
Delta R.T. 0.016 min
Lab File: VU061613.D
Acq: 13 Nov 2024 08:42

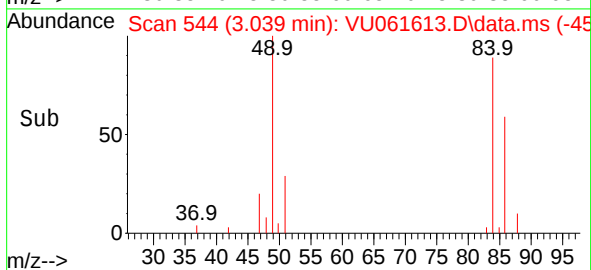
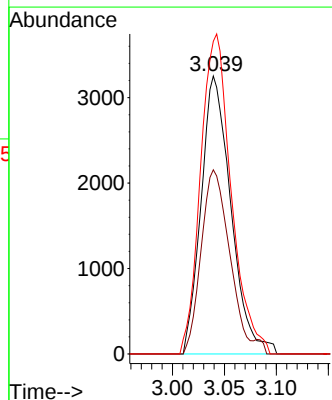
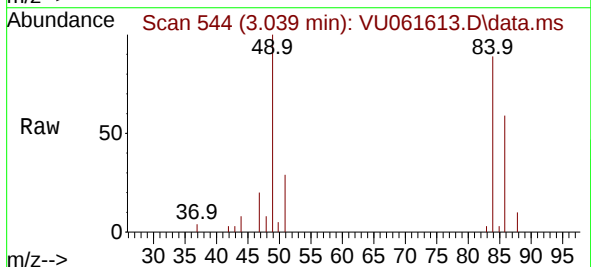
Instrument :
MSVOA_U
ClientSampleId :

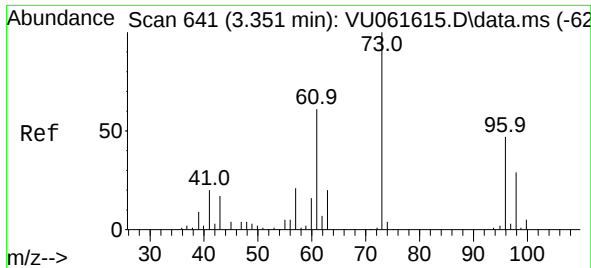
Tgt Ion: 43 Resp: 1995
Ion Ratio Lower Upper
43 100
74 9.2 22.5 33.7#



#16
Methylene chloride
Concen: 0.478 ug/L
RT: 3.039 min Scan# 544
Delta R.T. 0.003 min
Lab File: VU061613.D
Acq: 13 Nov 2024 08:42

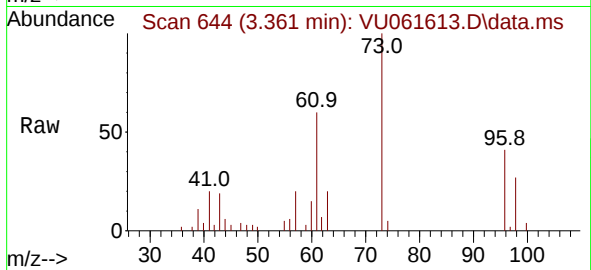
Tgt Ion: 84 Resp: 6506
Ion Ratio Lower Upper
84 100
86 66.3 45.1 83.7
49 117.7 76.3 141.7



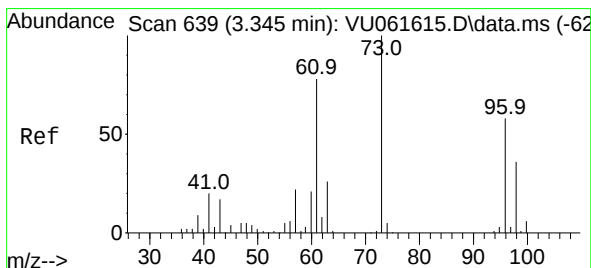
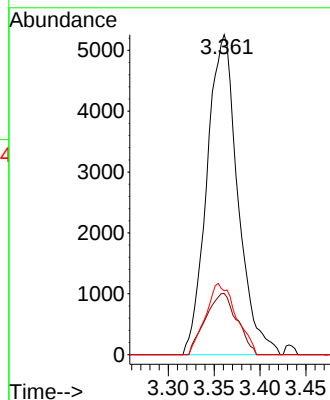
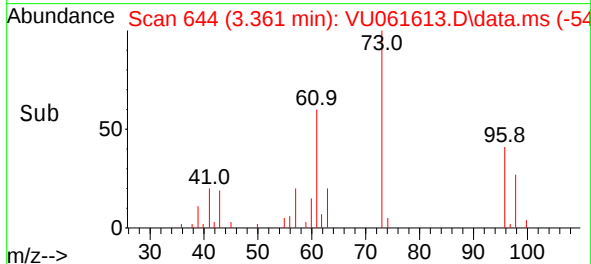


#17
Methyl tert-butyl Ether
Concen: 0.425 ug/L
RT: 3.361 min Scan# 641
Delta R.T. 0.010 min
Lab File: VU061613.D
Acq: 13 Nov 2024 08:42

Instrument :
MSVOA_U
ClientSampleId :

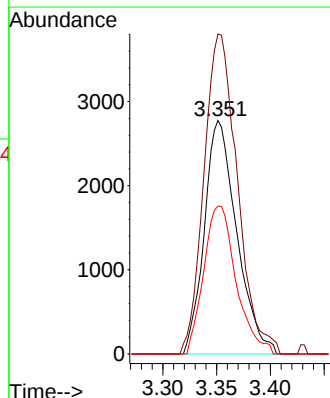
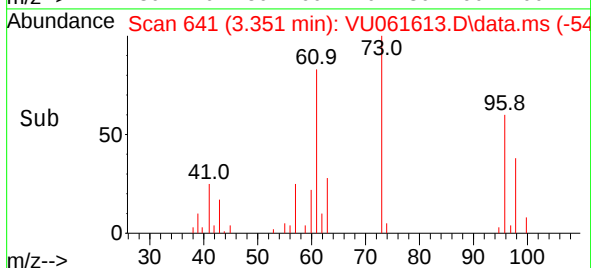
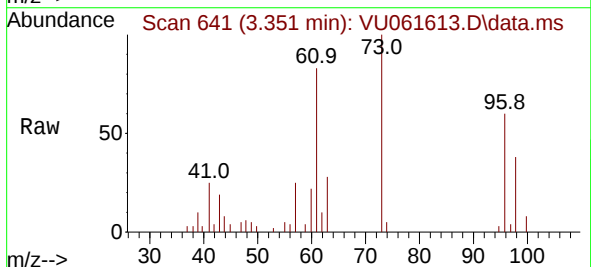


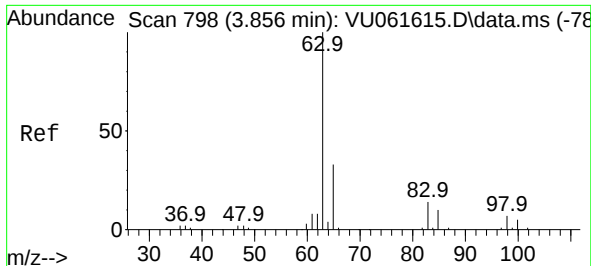
Tgt Ion: 73	Resp: 12314
Ion Ratio	Lower Upper
73 100	
43 19.5	14.2 21.4
57 22.0	16.9 25.3



#18
trans-1,2-Dichloroethene
Concen: 0.448 ug/L
RT: 3.351 min Scan# 641
Delta R.T. 0.006 min
Lab File: VU061613.D
Acq: 13 Nov 2024 08:42

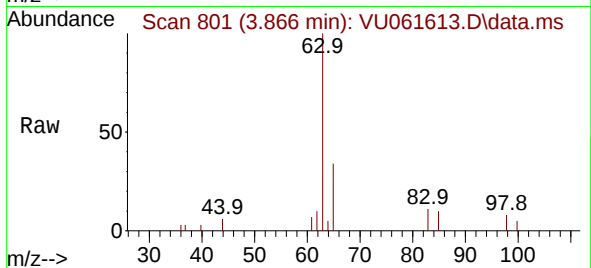
Tgt Ion: 96	Resp: 5805		
Ion Ratio	Lower	Upper	
96 100			
61 137.0	94.1	174.8	
98 63.4	43.2	80.2	



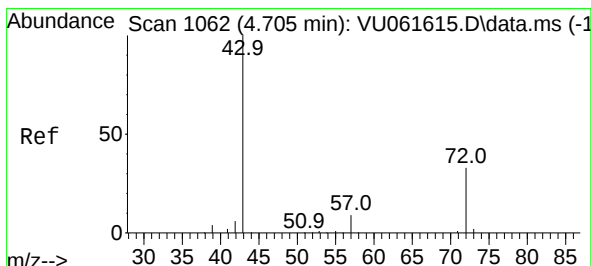
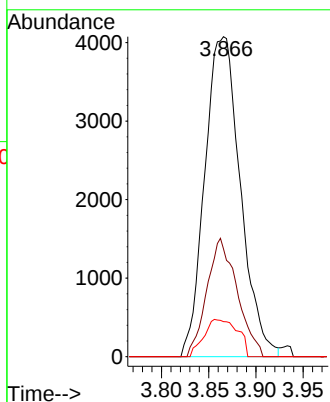
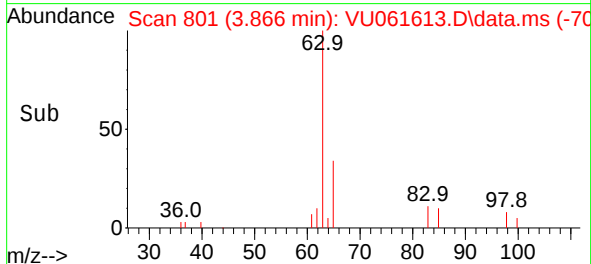


#19
1,1-Dichloroethane
Concen: 0.452 ug/L
RT: 3.866 min Scan# 801
Delta R.T. 0.010 min
Lab File: VU061613.D
Acq: 13 Nov 2024 08:42

Instrument :
MSVOA_U
ClientSampleId :

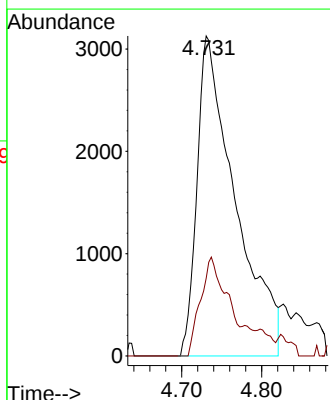
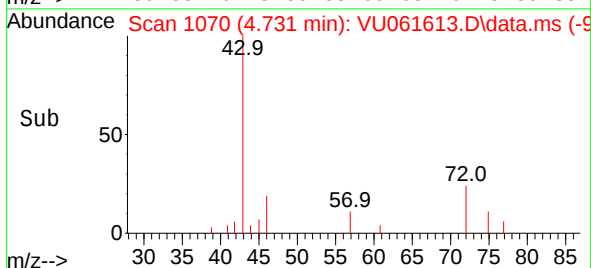
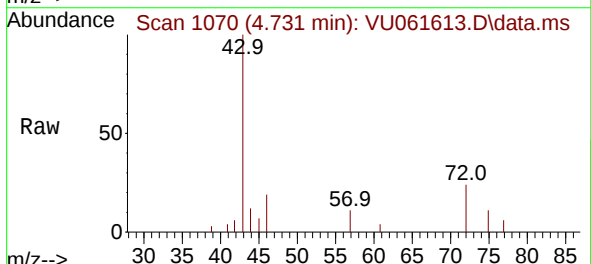


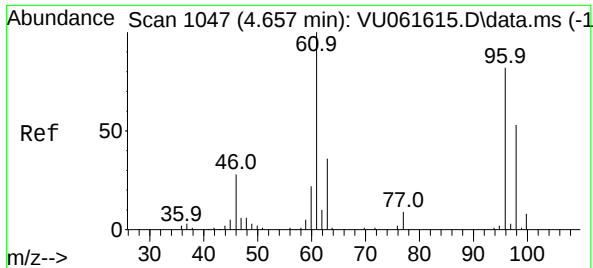
Tgt Ion:	63	Resp:	10675
Ion Ratio	Lower	Upper	
63	100		
65	33.7	23.4	43.4
83	10.9	9.6	17.8



#21
2-Butanone
Concen: 3.896 ug/L
RT: 4.731 min Scan# 1070
Delta R.T. 0.026 min
Lab File: VU061613.D
Acq: 13 Nov 2024 08:42

Tgt Ion:	43	Resp:	10371
Ion Ratio	Lower	Upper	
43	100		
72	21.9	15.8	47.3

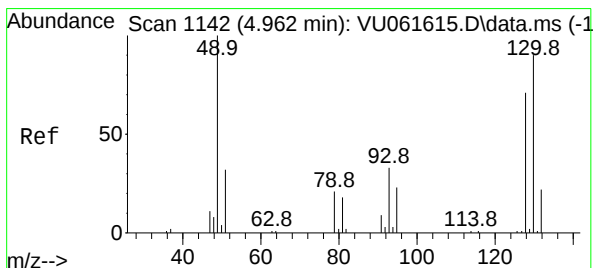
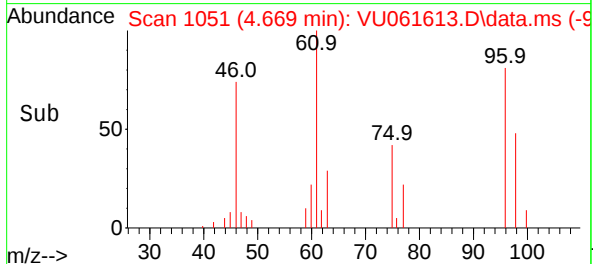
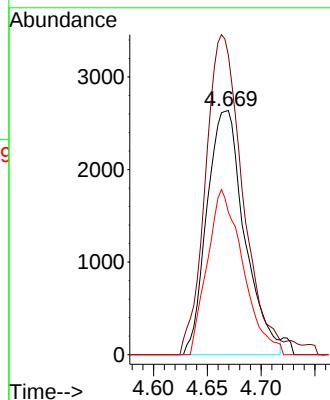
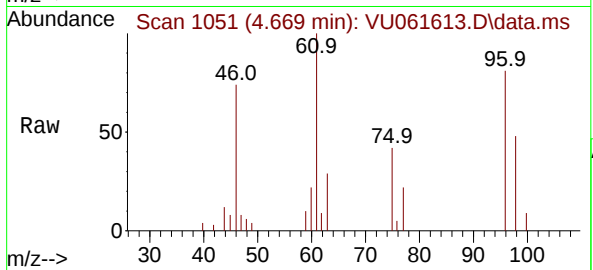




#22
cis-1,2-Dichloroethene
Concen: 0.438 ug/L
RT: 4.669 min Scan# 1051
Delta R.T. 0.013 min
Lab File: VU061613.D
Acq: 13 Nov 2024 08:42

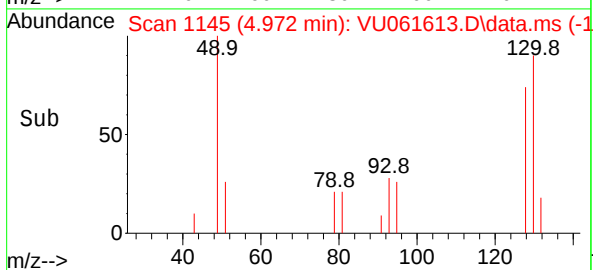
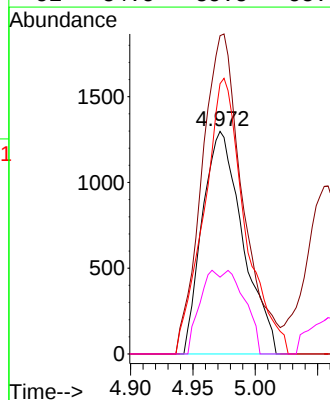
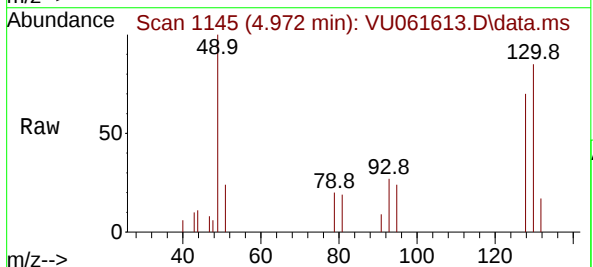
Instrument :
MSVOA_U
ClientSampleId :

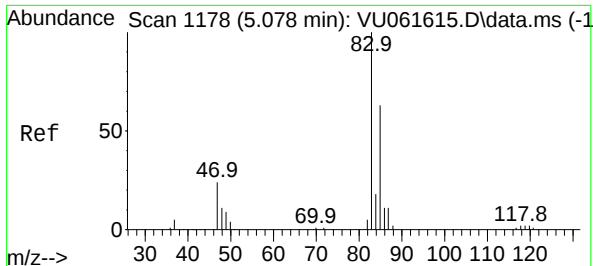
Tgt Ion: 96 Resp: 6406
Ion Ratio Lower Upper
96 100
61 122.8 85.6 159.0
98 58.4 45.6 84.8



#23
Bromochloromethane
Concen: 0.451 ug/L
RT: 4.972 min Scan# 1145
Delta R.T. 0.010 min
Lab File: VU061613.D
Acq: 13 Nov 2024 08:42

Tgt Ion: 128 Resp: 2924
Ion Ratio Lower Upper
128 100
49 143.0 99.1 184.1
130 121.4 88.6 164.6
51 34.5 35.8 53.6#





#25

Chloroform

Concen: 0.424 ug/L

RT: 5.078 min Scan# 1178

Delta R.T. 0.000 min

Lab File: VU061613.D

Acq: 13 Nov 2024 08:42

Instrument :

MSVOA_U

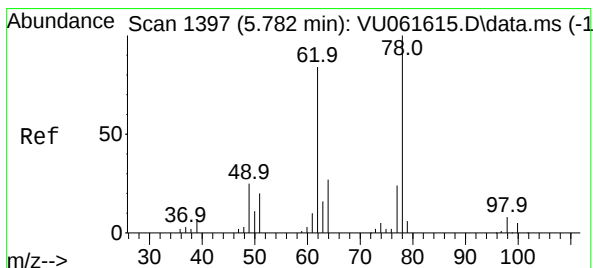
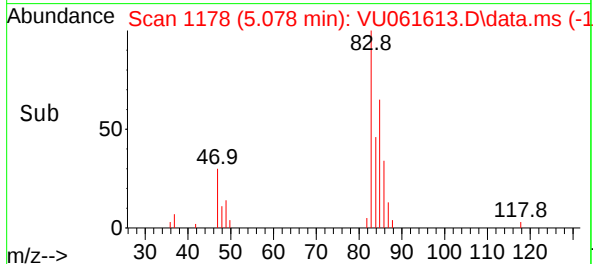
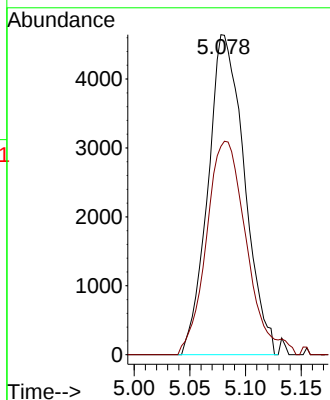
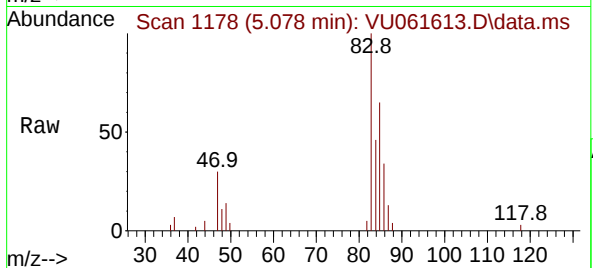
ClientSampleId :

Tgt Ion: 83 Resp: 10562

Ion Ratio Lower Upper

83 100

85 65.1 44.1 81.9



#27

1,2-Dichloroethane

Concen: 0.433 ug/L

RT: 5.792 min Scan# 1400

Delta R.T. 0.010 min

Lab File: VU061613.D

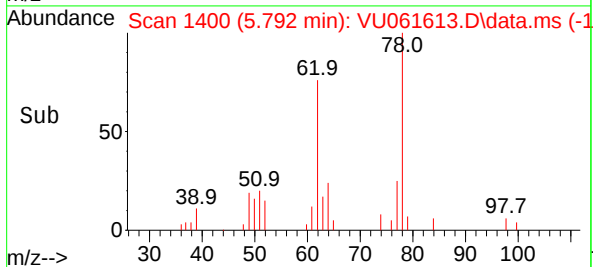
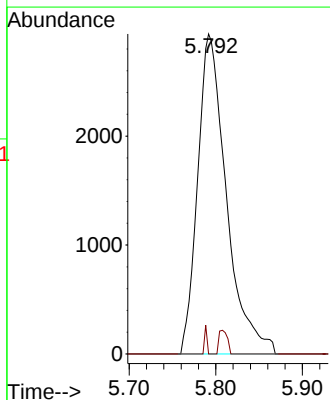
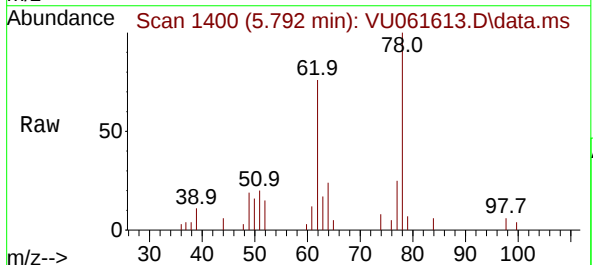
Acq: 13 Nov 2024 08:42

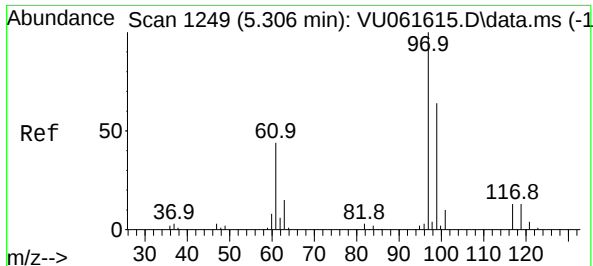
Tgt Ion: 62 Resp: 6764

Ion Ratio Lower Upper

62 100

98 0.0 7.7 11.5#

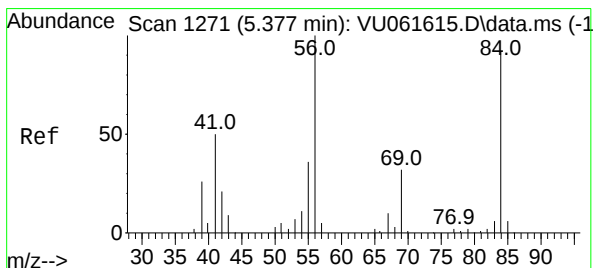
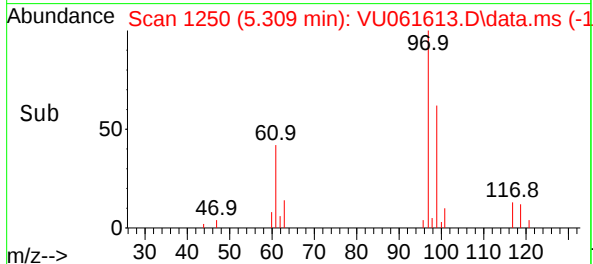
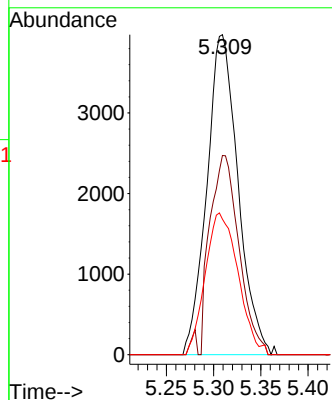
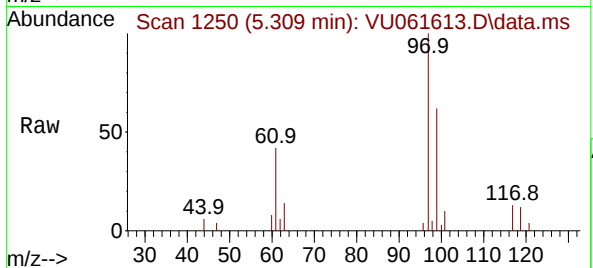




#29
1,1,1-Trichloroethane
Concen: 0.438 ug/L
RT: 5.309 min Scan# 11
Delta R.T. 0.003 min
Lab File: VU061613.D
Acq: 13 Nov 2024 08:42

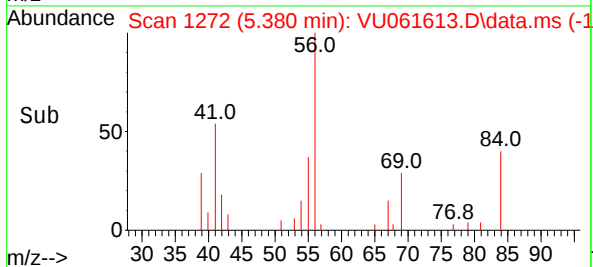
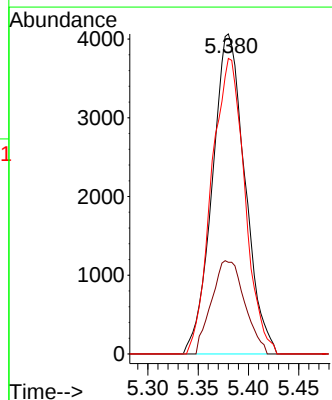
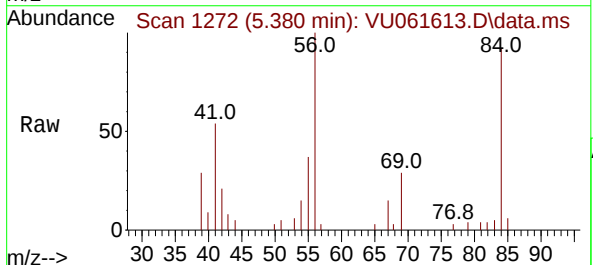
Instrument :
MSVOA_U
ClientSampleId :

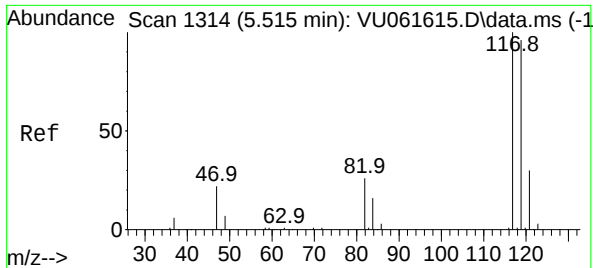
Tgt Ion: 97 Resp: 9143
Ion Ratio Lower Upper
97 100
99 57.8 51.7 77.5
61 46.5 35.4 53.0



#30
Cyclohexane
Concen: 0.440 ug/L
RT: 5.380 min Scan# 1272
Delta R.T. 0.003 min
Lab File: VU061613.D
Acq: 13 Nov 2024 08:42

Tgt Ion: 56 Resp: 9176
Ion Ratio Lower Upper
56 100
69 29.5 25.6 38.4
84 93.6 74.3 111.5

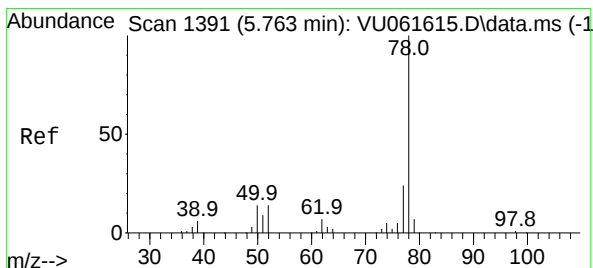
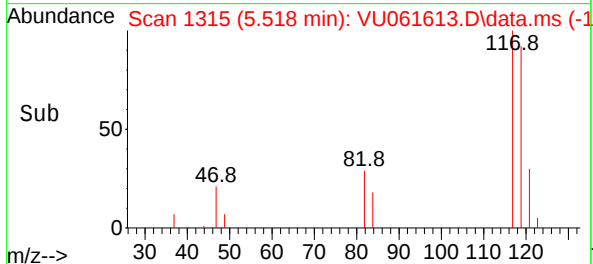
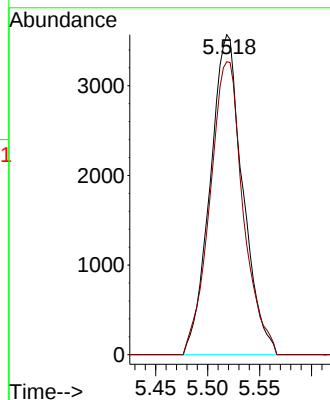
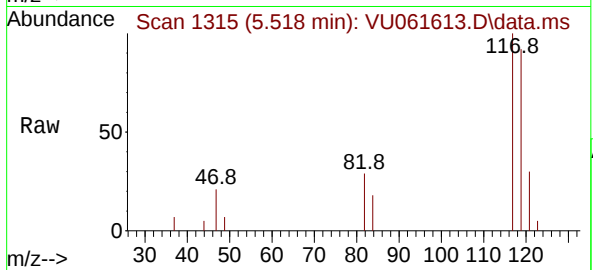




#31
Carbon tetrachloride
Concen: 0.438 ug/L
RT: 5.518 min Scan# 1314
Delta R.T. 0.003 min
Lab File: VU061613.D
Acq: 13 Nov 2024 08:42

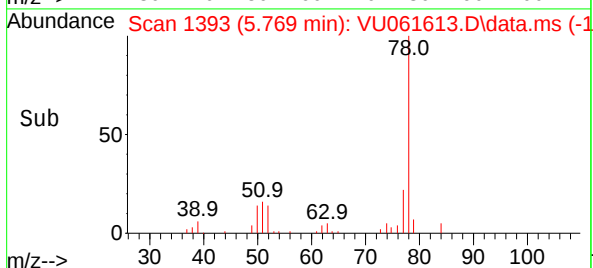
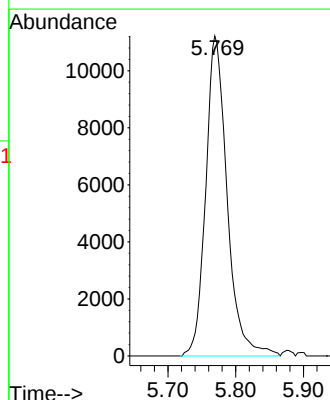
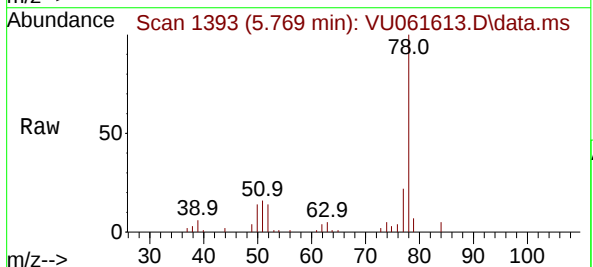
Instrument :
MSVOA_U
ClientSampleId :

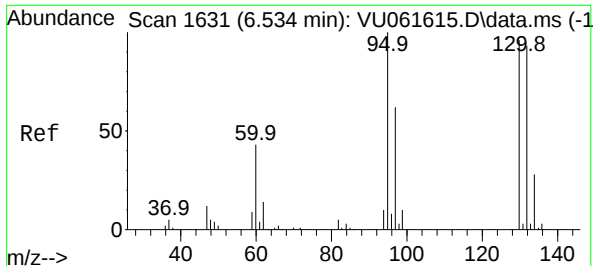
Tgt Ion:117 Resp: 7790
Ion Ratio Lower Upper
117 100
119 93.3 76.6 114.8



#33
Benzene
Concen: 0.444 ug/L
RT: 5.769 min Scan# 1393
Delta R.T. 0.006 min
Lab File: VU061613.D
Acq: 13 Nov 2024 08:42

Tgt Ion: 78 Resp: 24623





#34

Trichloroethene

Concen: 0.446 ug/L

RT: 6.538 min Scan# 1

Delta R.T. 0.003 min

Lab File: VU061613.D

Acq: 13 Nov 2024 08:42

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion: 95 Resp: 6688

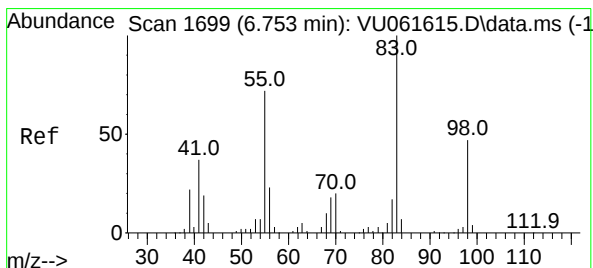
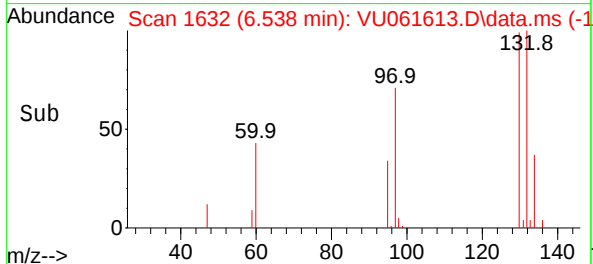
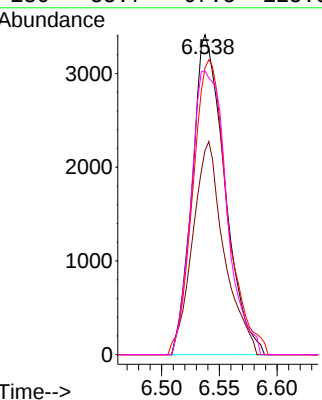
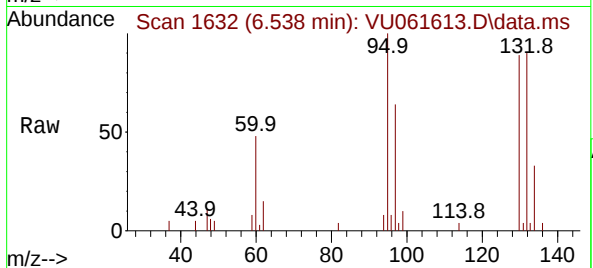
Ion Ratio Lower Upper

95 100

97 63.8 43.5 80.9

132 89.6 65.2 121.0

130 88.7 67.5 125.3



#35

Methylcyclohexane

Concen: 0.425 ug/L

RT: 6.756 min Scan# 1700

Delta R.T. 0.003 min

Lab File: VU061613.D

Acq: 13 Nov 2024 08:42

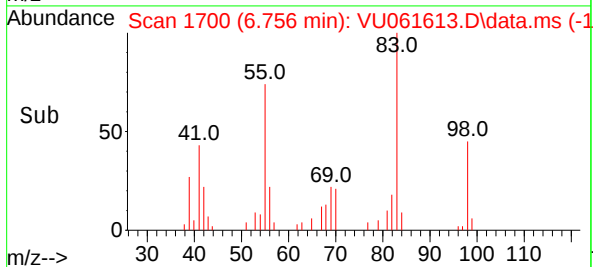
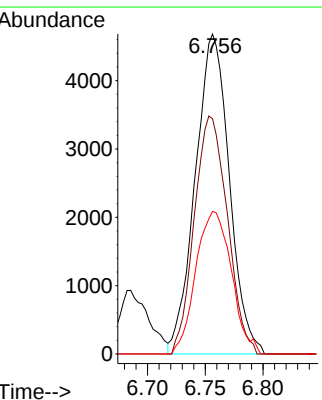
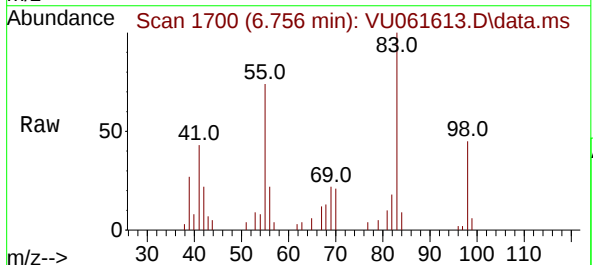
Tgt Ion: 83 Resp: 9603

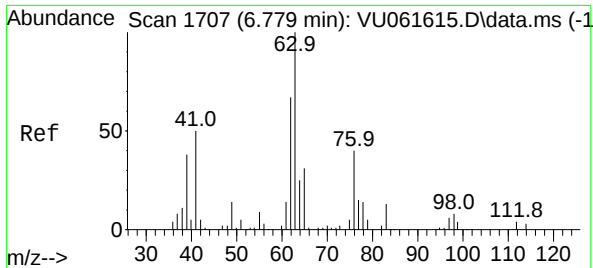
Ion Ratio Lower Upper

83 100

55 72.3 56.4 84.6

98 46.6 37.7 56.5

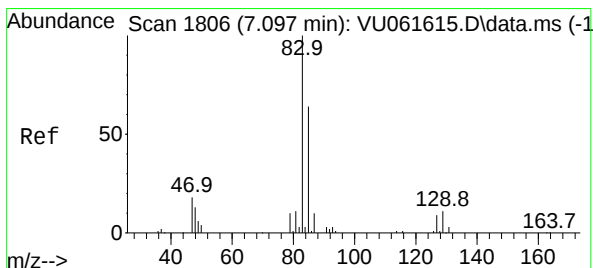
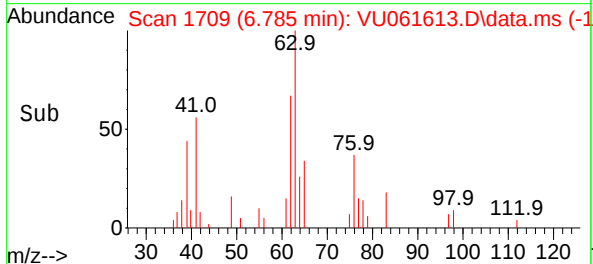
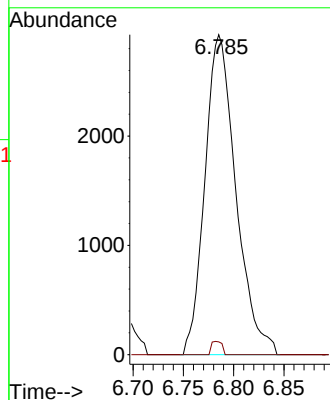
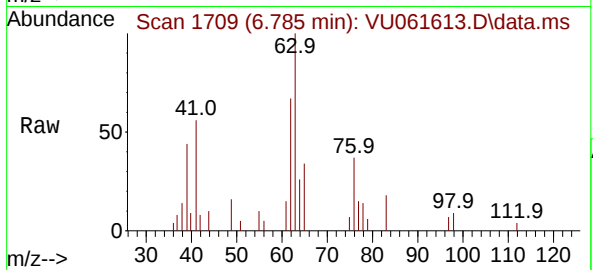




#37
1,2-Dichloropropane
Concen: 0.447 ug/L
RT: 6.785 min Scan# 11
Delta R.T. 0.006 min
Lab File: VU061613.D
Acq: 13 Nov 2024 08:42

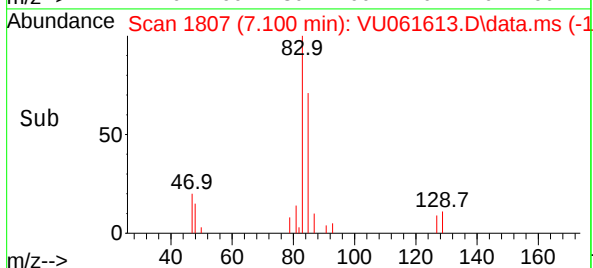
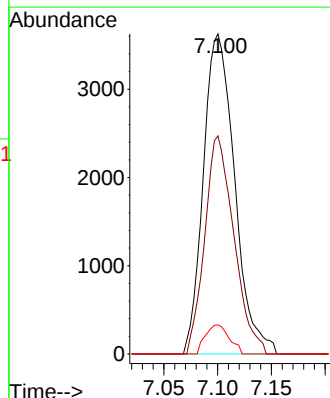
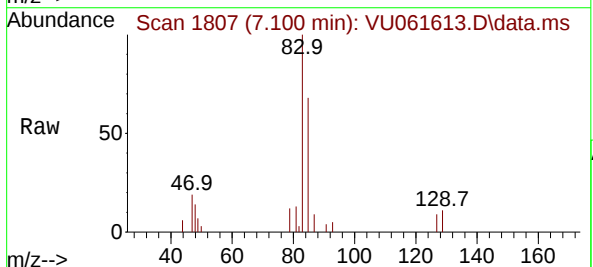
Instrument :
MSVOA_U
ClientSampleId :

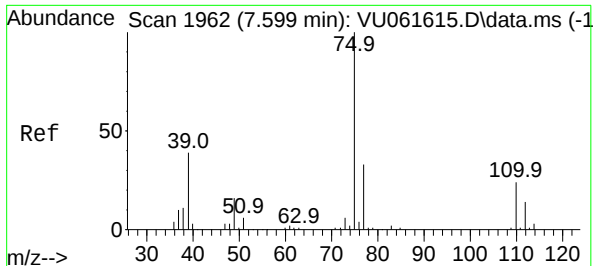
Tgt Ion: 63 Resp: 6287
Ion Ratio Lower Upper
63 100
112 1.4 3.0 4.4#



#38
Bromodichloromethane
Concen: 0.434 ug/L
RT: 7.100 min Scan# 1807
Delta R.T. 0.003 min
Lab File: VU061613.D
Acq: 13 Nov 2024 08:42

Tgt Ion: 83 Resp: 7338
Ion Ratio Lower Upper
83 100
85 68.2 45.0 83.6
127 9.1 6.9 10.3

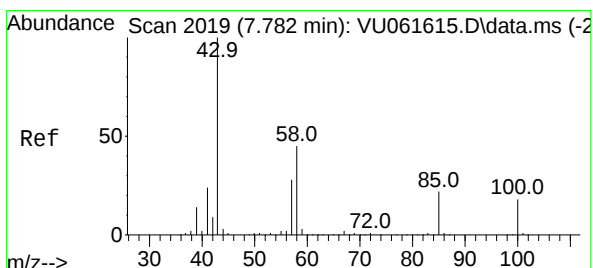
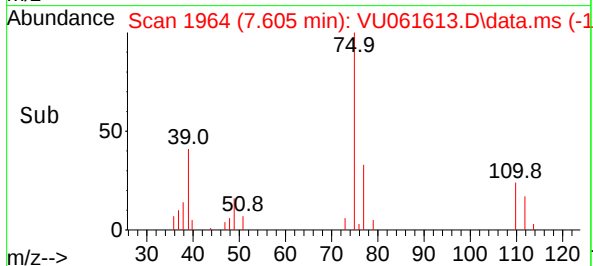
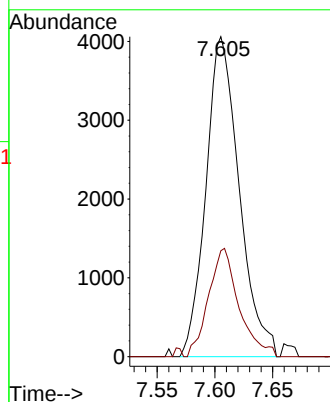
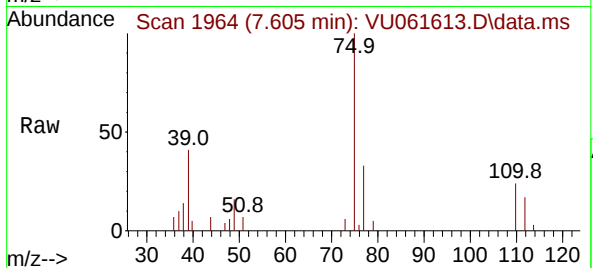




#39
 cis-1,3-Dichloropropene
 Concen: 0.406 ug/L
 RT: 7.605 min Scan# 1962
 Delta R.T. 0.006 min
 Lab File: VU061613.D
 Acq: 13 Nov 2024 08:42

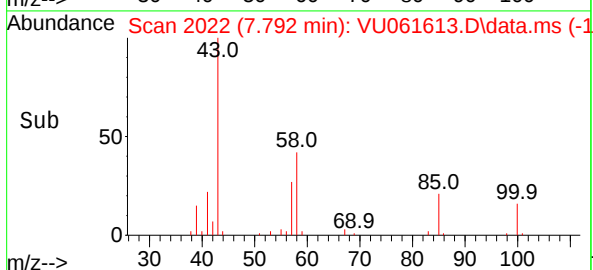
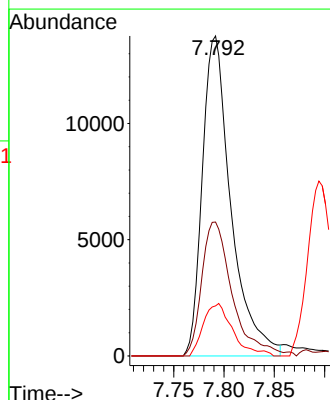
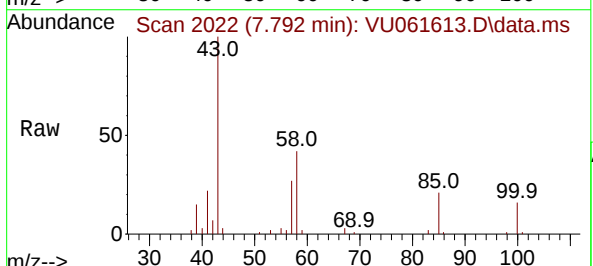
Instrument :
 MSVOA_U
 ClientSampleId :

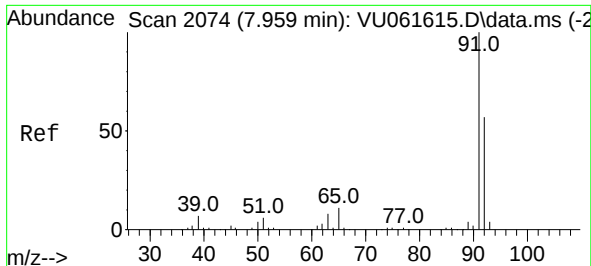
Tgt Ion: 75 Resp: 8142
 Ion Ratio Lower Upper
 75 100
 77 33.1 22.9 42.5



#40
 4-Methyl-2-pentanone
 Concen: 4.034 ug/L
 RT: 7.792 min Scan# 2022
 Delta R.T. 0.010 min
 Lab File: VU061613.D
 Acq: 13 Nov 2024 08:42

Tgt Ion: 43 Resp: 27229
 Ion Ratio Lower Upper
 43 100
 58 44.7 35.7 53.5
 100 16.8 14.2 21.2





#42

Toluene

Concen: 0.426 ug/L

RT: 7.965 min Scan# 2074

Delta R.T. 0.006 min

Lab File: VU061613.D

Acq: 13 Nov 2024 08:42

Instrument :

MSVOA_U

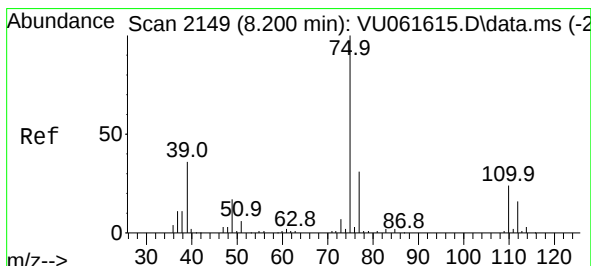
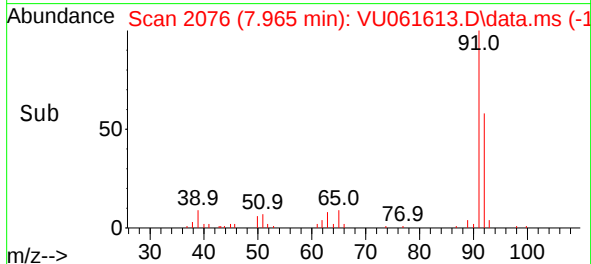
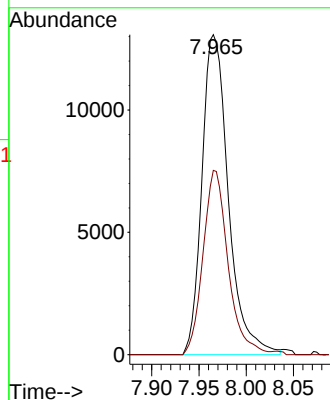
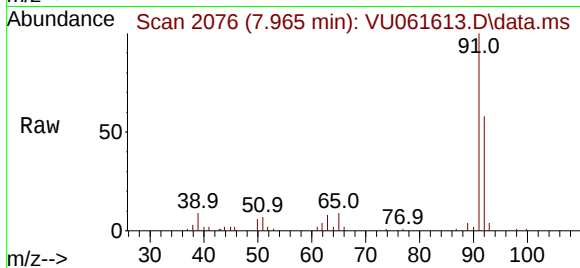
ClientSampleId :

Tgt Ion: 91 Resp: 25440

Ion Ratio Lower Upper

91 100

92 57.6 39.7 73.7



#44

trans-1,3-Dichloropropene

Concen: 0.391 ug/L

RT: 8.210 min Scan# 2152

Delta R.T. 0.010 min

Lab File: VU061613.D

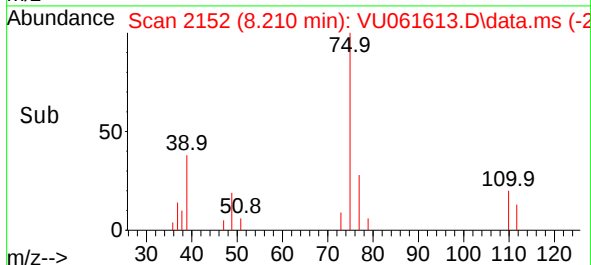
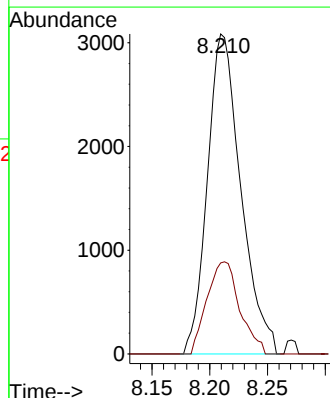
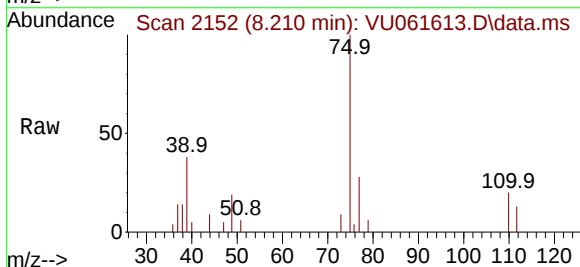
Acq: 13 Nov 2024 08:42

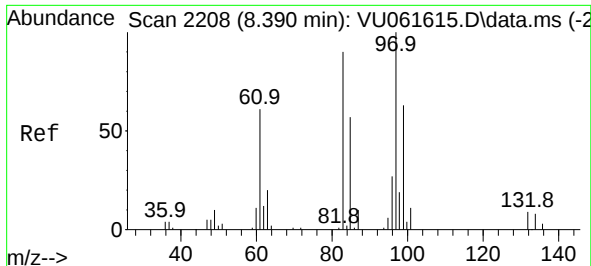
Tgt Ion: 75 Resp: 6212

Ion Ratio Lower Upper

75 100

77 28.5 21.7 40.3



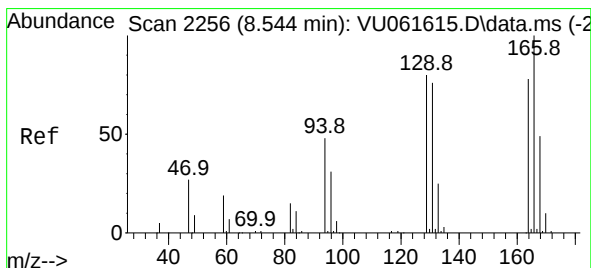
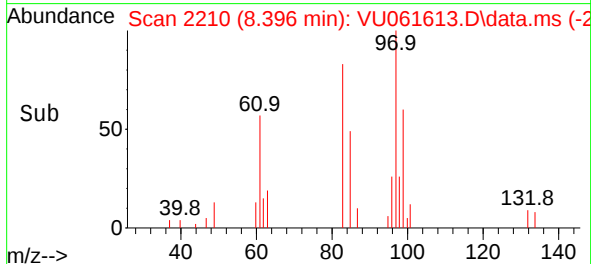
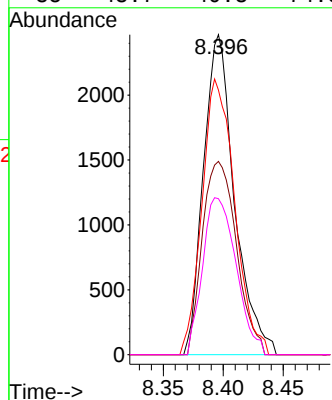
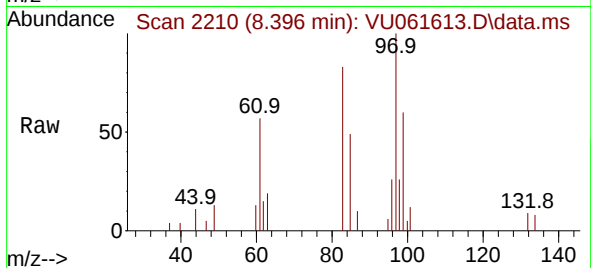


#45
1,1,2-Trichloroethane
Concen: 0.432 ug/L
RT: 8.396 min Scan# 21
Delta R.T. 0.006 min
Lab File: VU061613.D
Acq: 13 Nov 2024 08:42

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 97 Resp: 4430

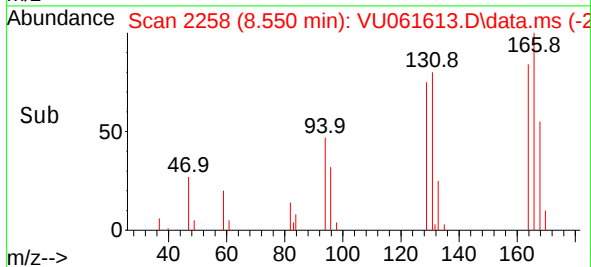
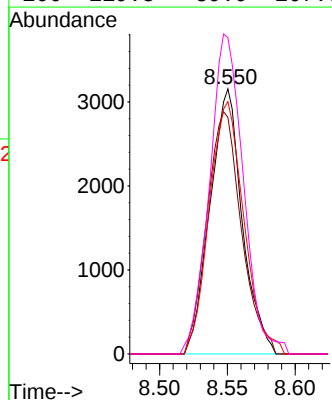
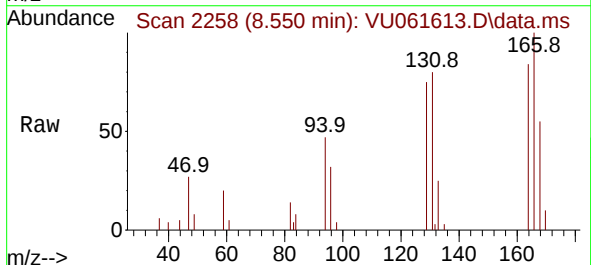
Ion	Ratio	Lower	Upper
97	100		
99	60.4	43.8	81.3
83	82.7	63.2	117.4
85	48.7	40.3	74.8

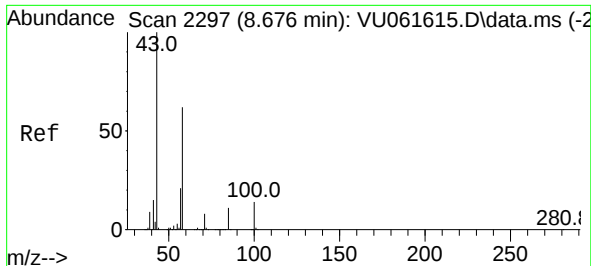


#47
Tetrachloroethene
Concen: 0.463 ug/L
RT: 8.550 min Scan# 2258
Delta R.T. 0.006 min
Lab File: VU061613.D
Acq: 13 Nov 2024 08:42

Tgt Ion: 164 Resp: 5218

Ion	Ratio	Lower	Upper
164	100		
129	89.3	71.7	133.3
131	95.2	68.2	126.6
166	119.3	89.9	167.0

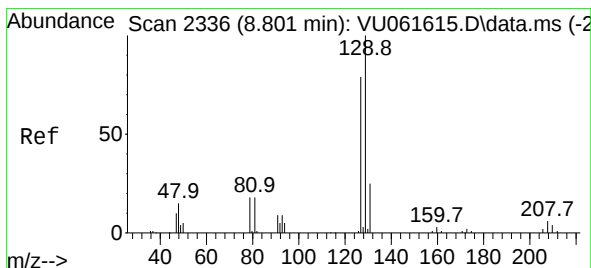
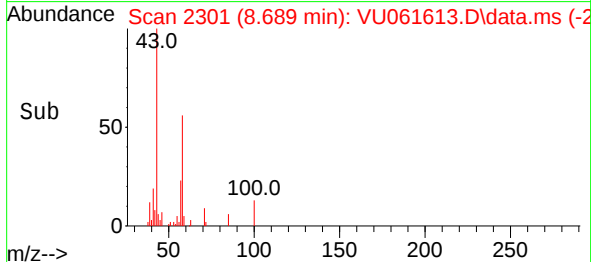
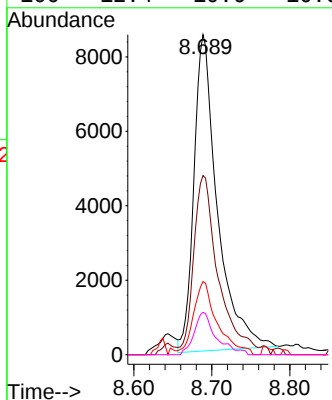
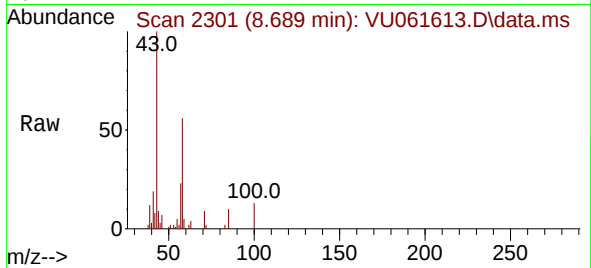




#48
2-Hexanone
Concen: 3.723 ug/L
RT: 8.689 min Scan# 2297
Delta R.T. 0.013 min
Lab File: VU061613.D
Acq: 13 Nov 2024 08:42

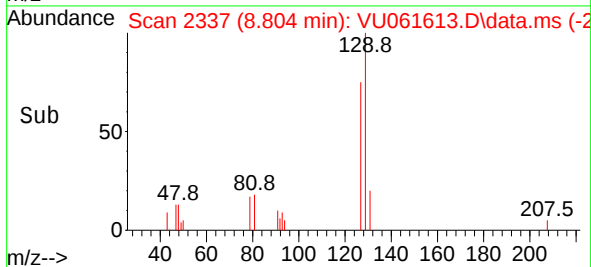
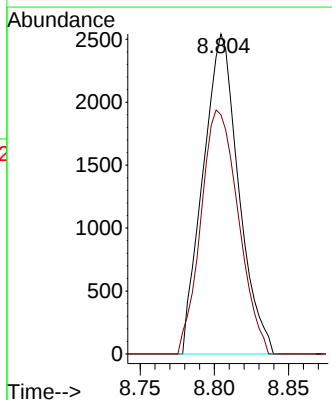
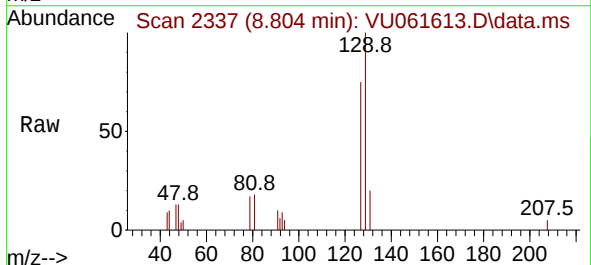
Instrument :
MSVOA_U
ClientSampleId :

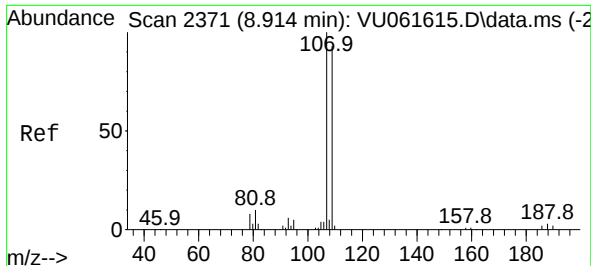
Tgt Ion:	43	Resp:	17817
Ion	Ratio	Lower	Upper
43	100		
58	55.1	49.4	74.2
57	23.3	16.3	24.5
100	12.4	10.6	16.0



#49
Dibromochloromethane
Concen: 0.394 ug/L
RT: 8.804 min Scan# 2337
Delta R.T. 0.003 min
Lab File: VU061613.D
Acq: 13 Nov 2024 08:42

Tgt Ion:	129	Resp:	4238
Ion	Ratio	Lower	Upper
129	100		
127	74.7	55.1	102.3





#50

1,2-Dibromoethane

Concen: 0.427 ug/L

RT: 8.917 min Scan# 24

Delta R.T. 0.003 min

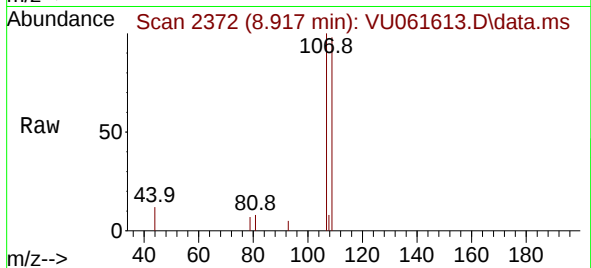
Lab File: VU061613.D

Acq: 13 Nov 2024 08:42

Instrument :

MSVOA_U

ClientSampleId :



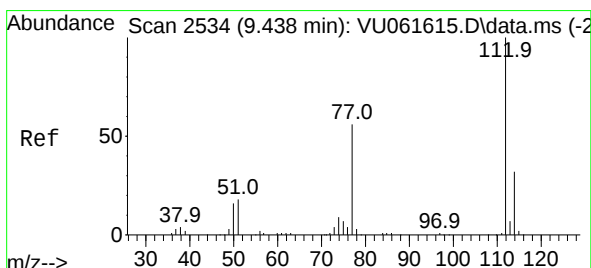
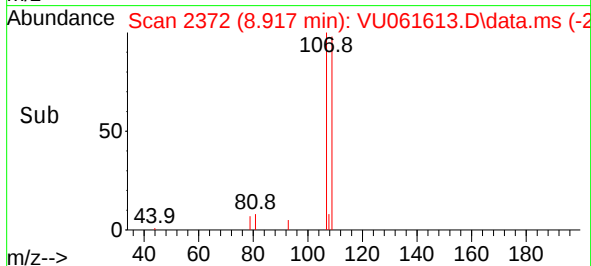
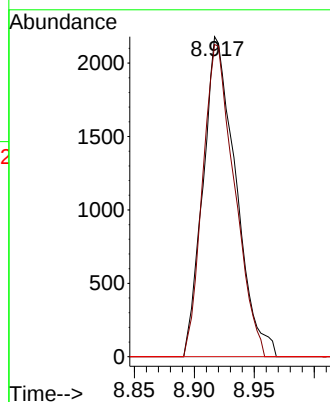
Tgt Ion:107 Resp: 4129

Ion Ratio Lower Upper

107 100

109 97.6 64.8 120.4

188 0.0 2.5 3.7#



#51

Chlorobenzene

Concen: 0.450 ug/L

RT: 9.444 min Scan# 2536

Delta R.T. 0.006 min

Lab File: VU061613.D

Acq: 13 Nov 2024 08:42

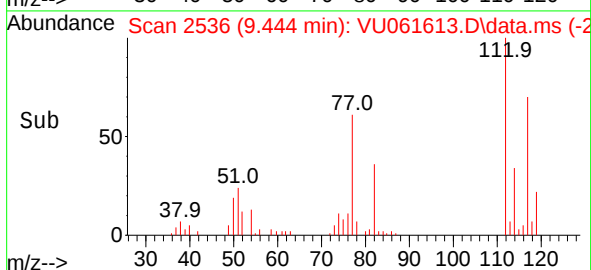
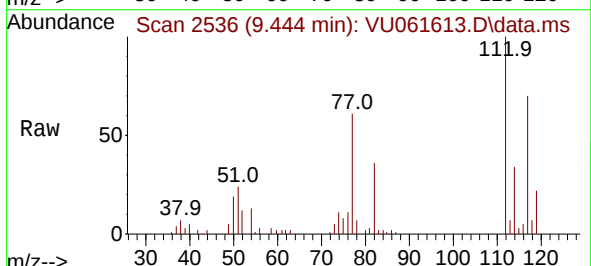
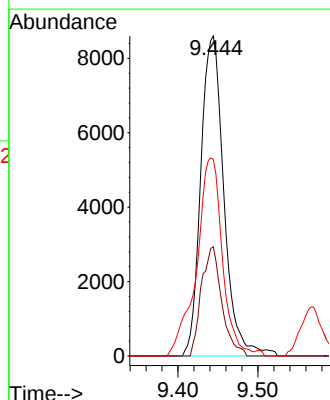
Tgt Ion:112 Resp: 17299

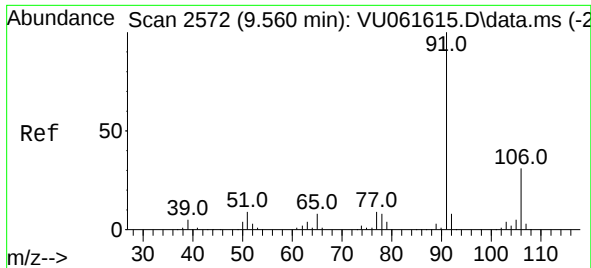
Ion Ratio Lower Upper

112 100

114 34.1 22.5 41.9

77 61.4 45.3 67.9

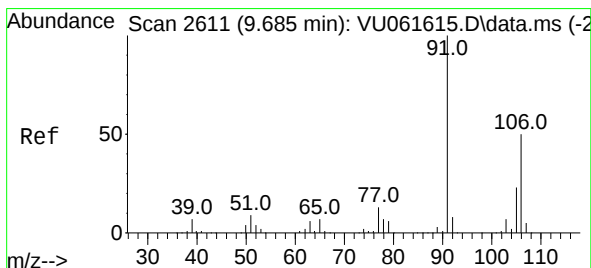
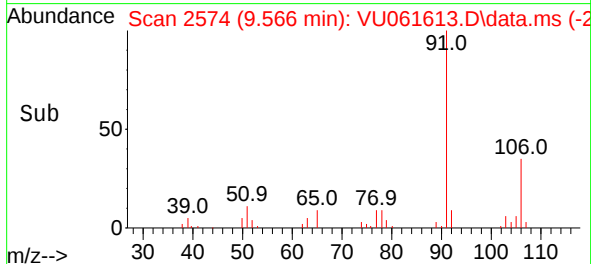
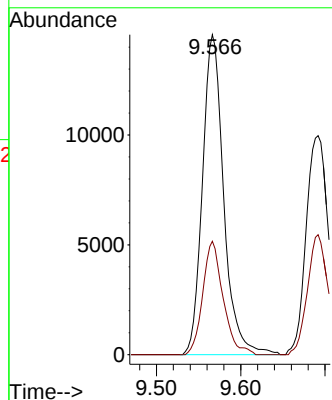
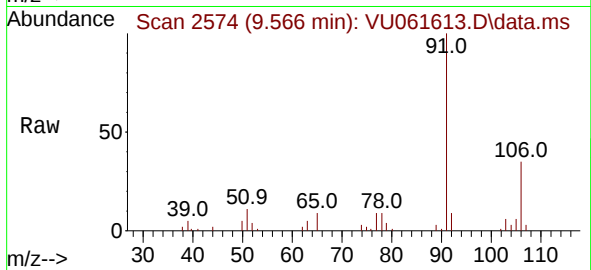




#52
Ethylbenzene
Concen: 0.402 ug/L
RT: 9.566 min Scan# 2572
Delta R.T. 0.006 min
Lab File: VU061613.D
Acq: 13 Nov 2024 08:42

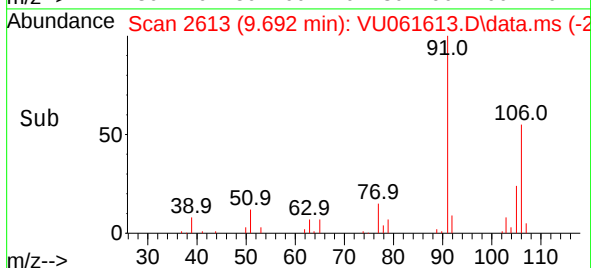
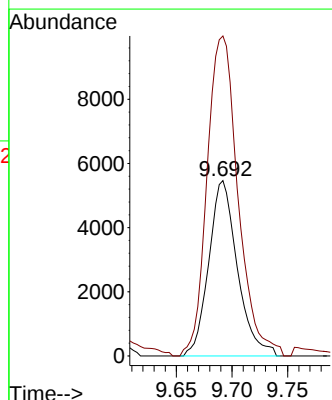
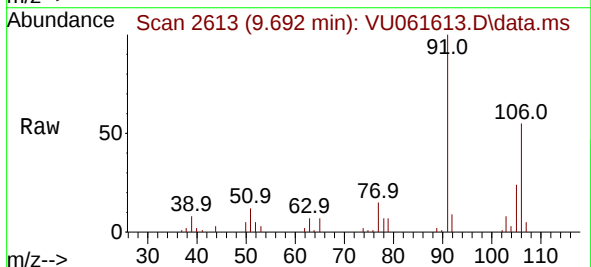
Instrument :
MSVOA_U
ClientSampleId :

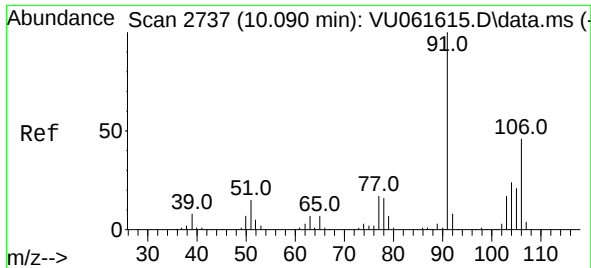
Tgt Ion: 91 Resp: 25568
Ion Ratio Lower Upper
91 100
106 35.4 21.7 40.3



#53
m,p-Xylene
Concen: 0.401 ug/L
RT: 9.692 min Scan# 2613
Delta R.T. 0.006 min
Lab File: VU061613.D
Acq: 13 Nov 2024 08:42

Tgt Ion:106 Resp: 9768
Ion Ratio Lower Upper
106 100
91 182.5 140.4 260.8

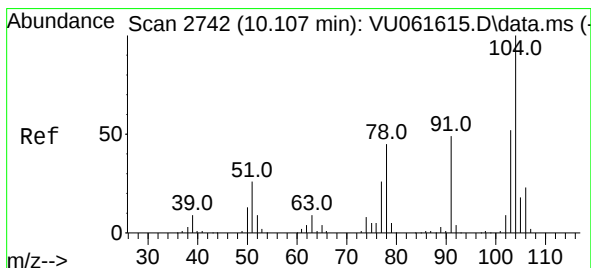
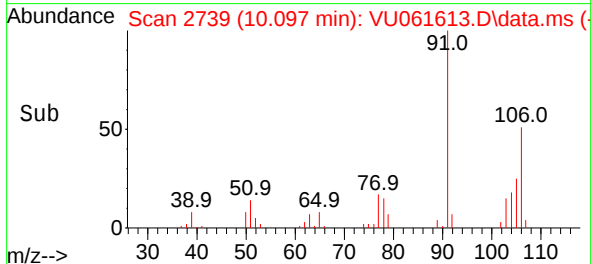
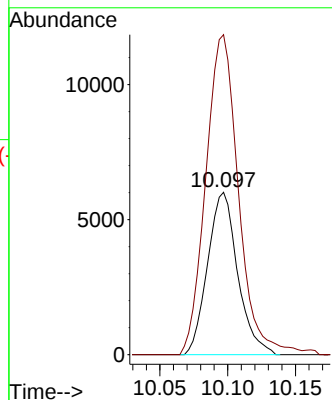
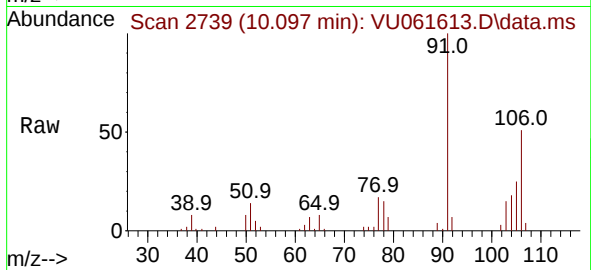




#54
o-Xylene
Concen: 0.392 ug/L
RT: 10.097 min Scan# 21
Delta R.T. 0.006 min
Lab File: VU061613.D
Acq: 13 Nov 2024 08:42

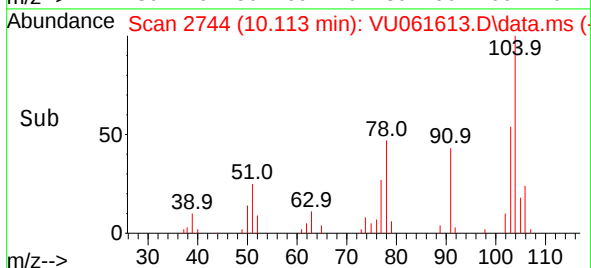
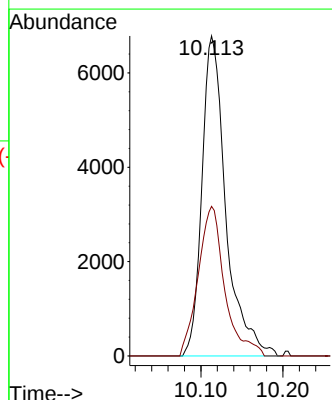
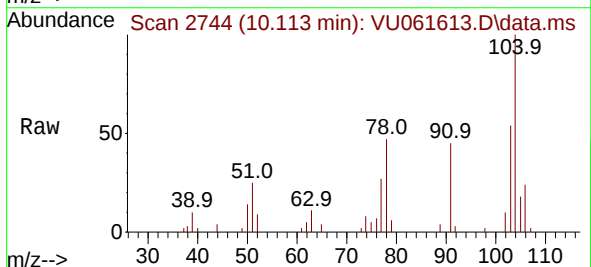
Instrument :
MSVOA_U
ClientSampleId :

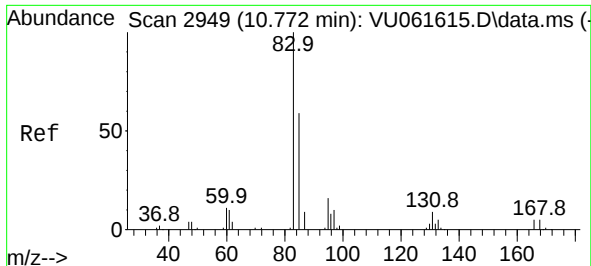
Tgt Ion:106 Resp: 9285
Ion Ratio Lower Upper
106 100
91 197.1 151.3 280.9



#55
Styrene
Concen: 0.366 ug/L
RT: 10.113 min Scan# 2744
Delta R.T. 0.006 min
Lab File: VU061613.D
Acq: 13 Nov 2024 08:42

Tgt Ion:104 Resp: 13774
Ion Ratio Lower Upper
104 100
78 46.8 31.6 58.6





#57

1,1,2,2-Tetrachloroethane

Concen: 0.446 ug/L

RT: 10.775 min Scan# 2949

Delta R.T. 0.003 min

Lab File: VU061613.D

Acq: 13 Nov 2024 08:42

Instrument :

MSVOA_U

ClientSampleId :

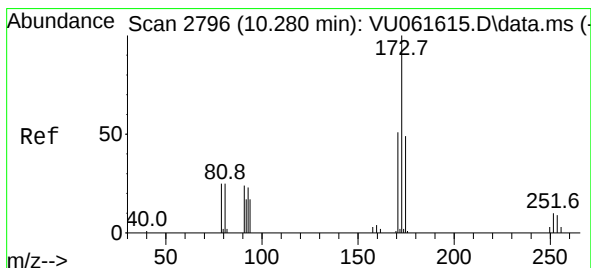
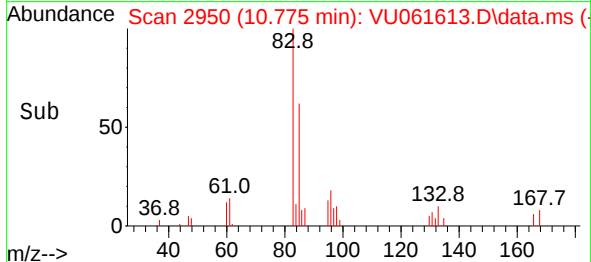
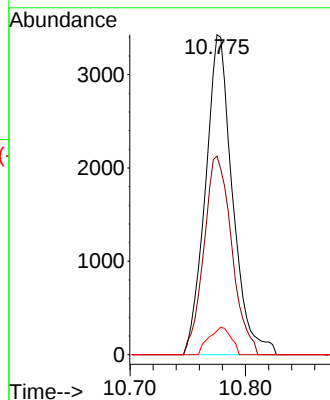
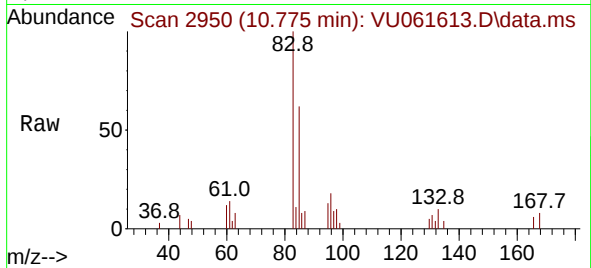
Tgt Ion: 83 Resp: 5571

Ion Ratio Lower Upper

83 100

85 62.0 41.9 77.9

131 7.4 7.8 11.6#



#59

Bromoform

Concen: 0.443 ug/L

RT: 10.283 min Scan# 2797

Delta R.T. 0.003 min

Lab File: VU061613.D

Acq: 13 Nov 2024 08:42

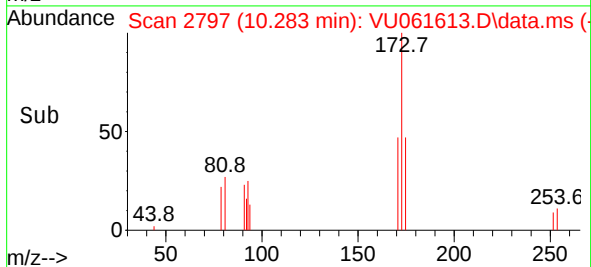
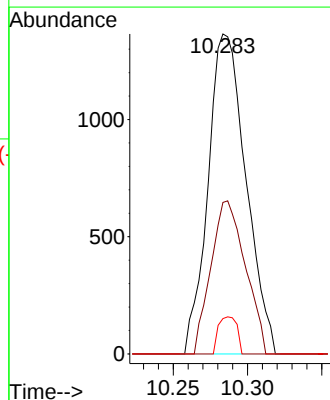
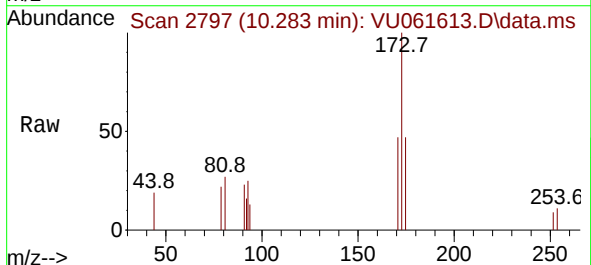
Tgt Ion:173 Resp: 2420

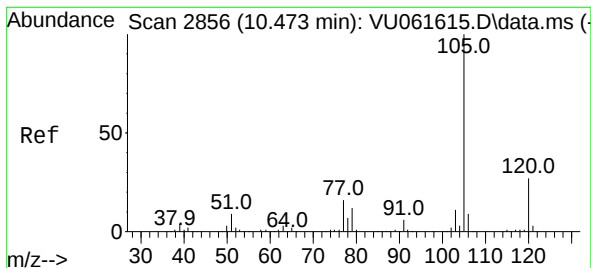
Ion Ratio Lower Upper

173 100

175 43.6 39.3 58.9

254 5.7 7.8 11.8#





#60

Isopropylbenzene

Concen: 0.424 ug/L

RT: 10.480 min Scan# 2856

Delta R.T. 0.006 min

Lab File: VU061613.D

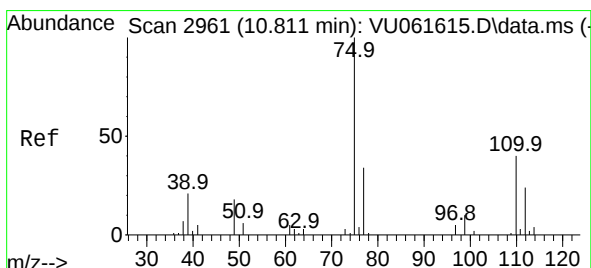
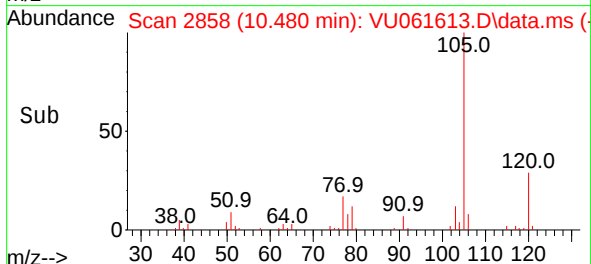
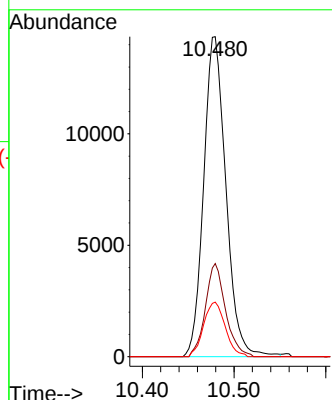
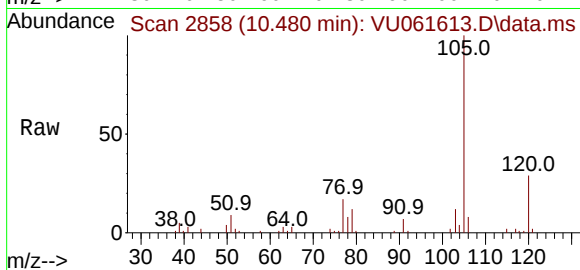
Acq: 13 Nov 2024 08:42

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion:	105	Resp:	24243
Ion Ratio	Lower	Upper	
105	100		
120	26.3	21.6	32.4
77	16.6	12.8	19.2



#61

1,2,3-Trichloropropane

Concen: 0.468 ug/L

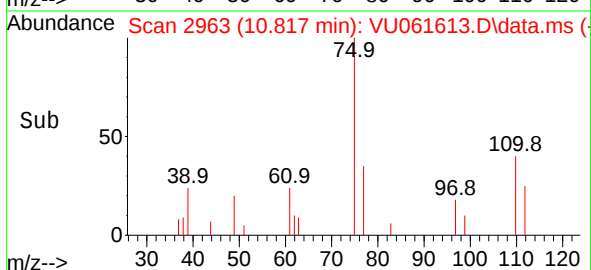
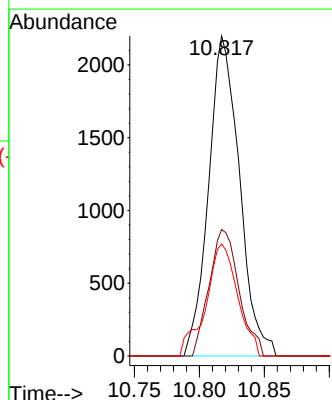
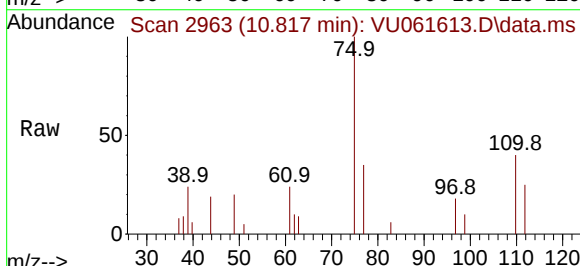
RT: 10.817 min Scan# 2963

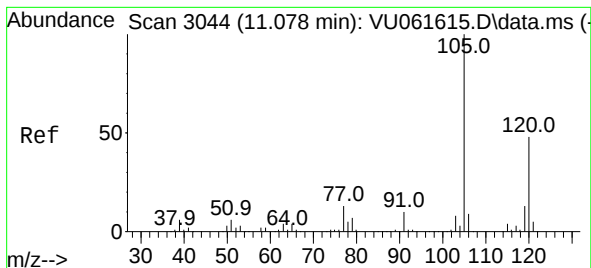
Delta R.T. 0.006 min

Lab File: VU061613.D

Acq: 13 Nov 2024 08:42

Tgt Ion:	75	Resp:	3634
Ion Ratio	Lower	Upper	
75	100		
110	38.2	31.3	46.9
77	35.8	26.0	39.0





#62

1,3,5-Trimethylbenzene

Concen: 0.411 ug/L

RT: 11.084 min Scan# 3044

Delta R.T. 0.006 min

Lab File: VU061613.D

Acq: 13 Nov 2024 08:42

Instrument :

MSVOA_U

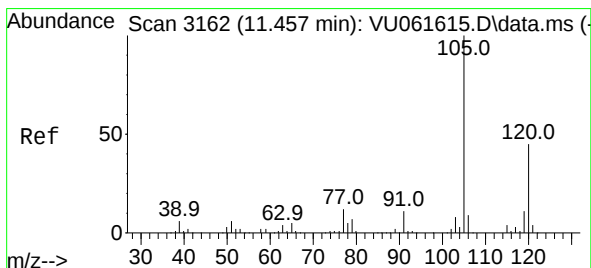
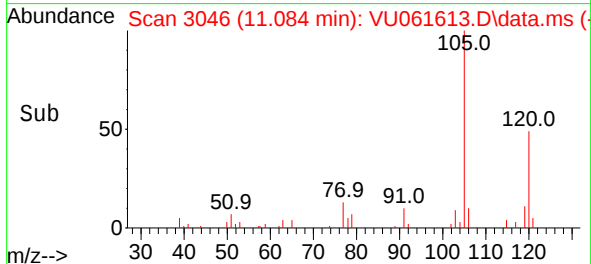
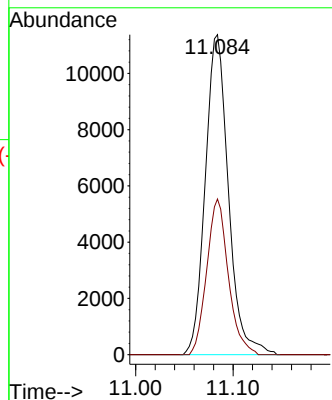
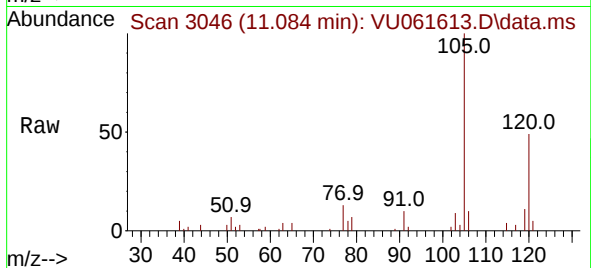
ClientSampleId :

Tgt Ion:105 Resp: 18806

Ion Ratio Lower Upper

105 100

120 45.4 38.5 57.7



#63

1,2,4-Trimethylbenzene

Concen: 0.392 ug/L

RT: 11.463 min Scan# 3164

Delta R.T. 0.006 min

Lab File: VU061613.D

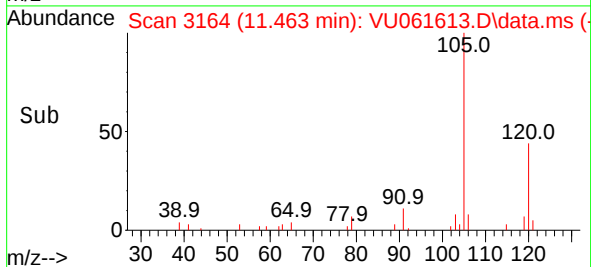
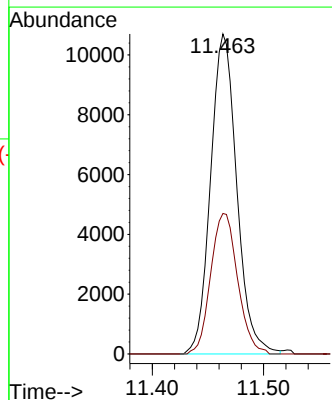
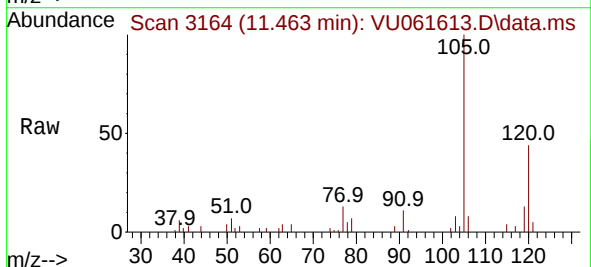
Acq: 13 Nov 2024 08:42

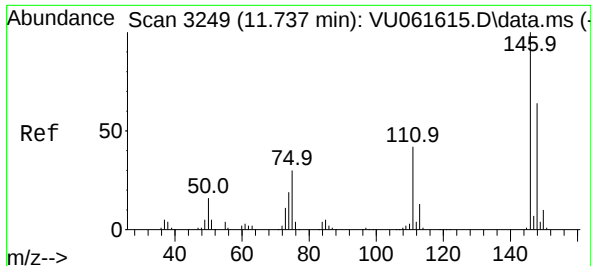
Tgt Ion:105 Resp: 17466

Ion Ratio Lower Upper

105 100

120 45.2 36.3 54.5





#64

1,3-Dichlorobenzene

Concen: 0.446 ug/L

RT: 11.743 min Scan# 31

Delta R.T. 0.006 min

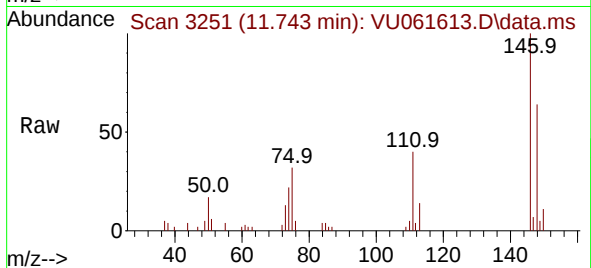
Lab File: VU061613.D

Acq: 13 Nov 2024 08:42

Instrument :

MSVOA_U

ClientSampleId :



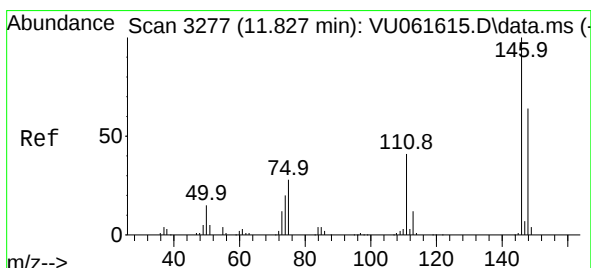
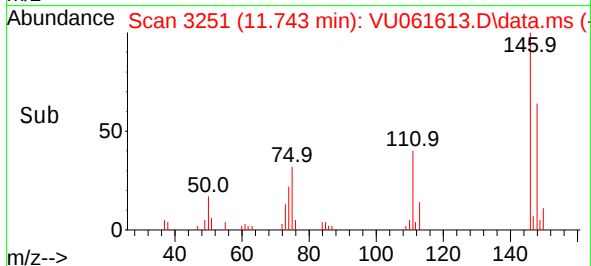
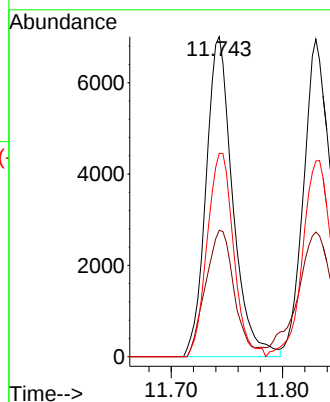
Tgt Ion:146 Resp: 11691

Ion Ratio Lower Upper

146 100

111 43.9 29.3 54.3

148 63.6 44.5 82.7



#65

1,4-Dichlorobenzene

Concen: 0.460 ug/L

RT: 11.830 min Scan# 3278

Delta R.T. 0.003 min

Lab File: VU061613.D

Acq: 13 Nov 2024 08:42

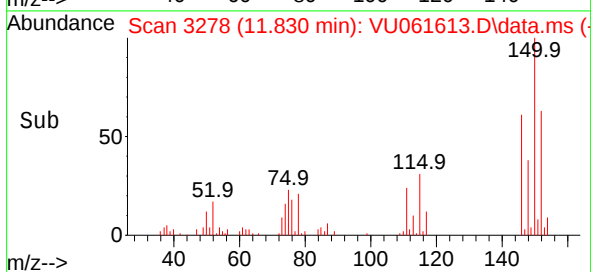
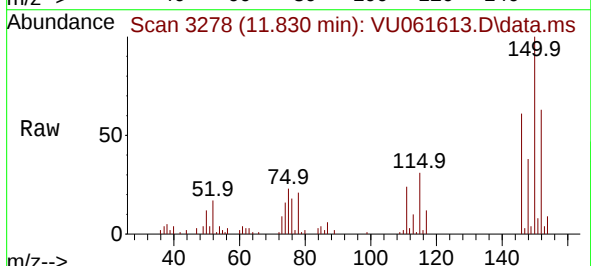
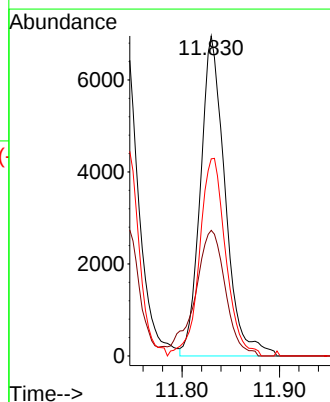
Tgt Ion:146 Resp: 12238

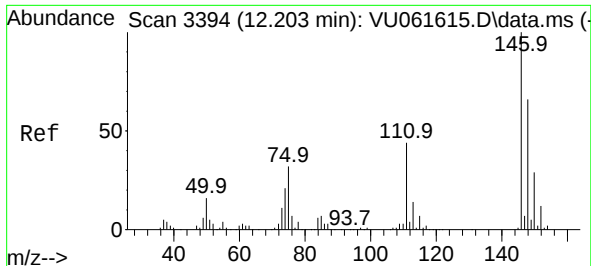
Ion Ratio Lower Upper

146 100

111 39.2 28.8 53.4

148 61.6 44.7 83.1





#67

1,2-Dichlorobenzene

Concen: 0.439 ug/L

RT: 12.209 min Scan# 3411

Delta R.T. 0.006 min

Lab File: VU061613.D

Acq: 13 Nov 2024 08:42

Instrument :

MSVOA_U

ClientSampleId :

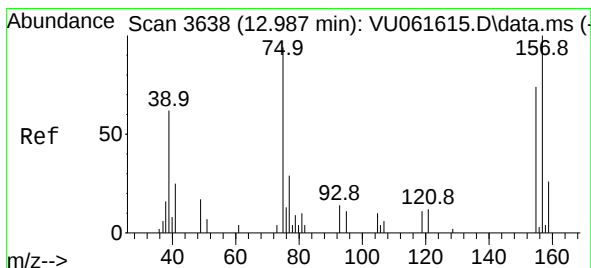
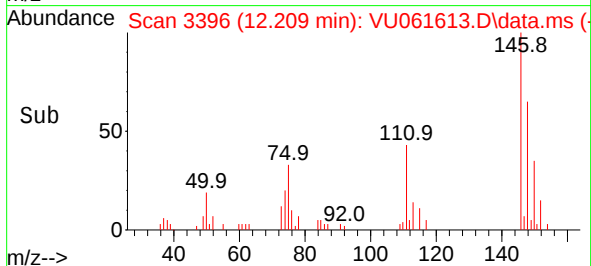
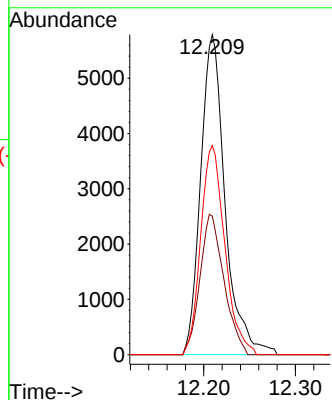
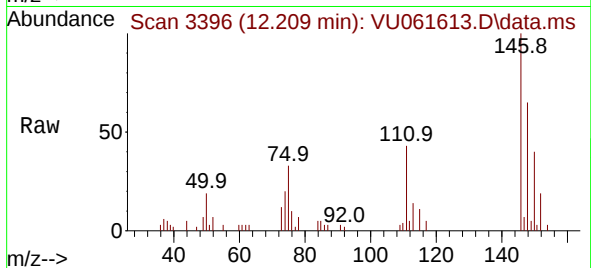
Tgt Ion:146 Resp: 10708

Ion Ratio Lower Upper

146 100

111 43.3 35.2 52.8

148 65.3 52.6 79.0



#68

1,2-Dibromo-3-chloropropane

Concen: 0.366 ug/L

RT: 12.997 min Scan# 3641

Delta R.T. 0.010 min

Lab File: VU061613.D

Acq: 13 Nov 2024 08:42

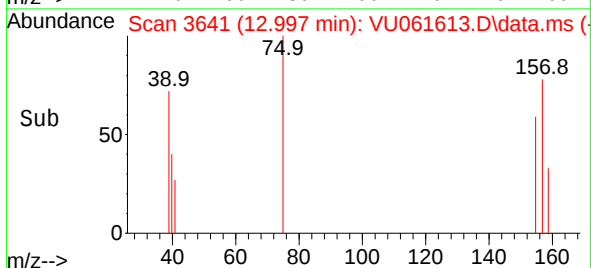
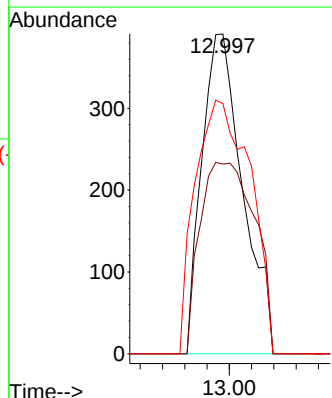
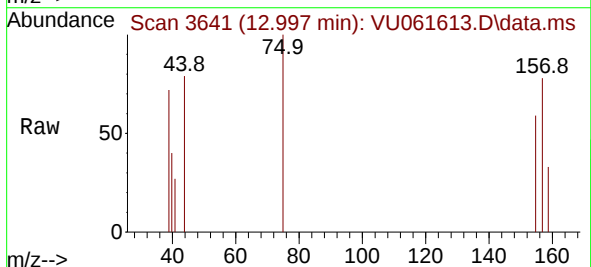
Tgt Ion: 75 Resp: 497

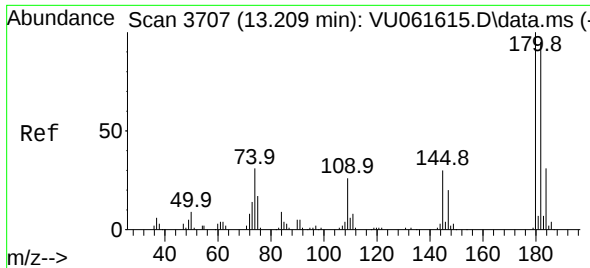
Ion Ratio Lower Upper

75 100

155 59.3 62.6 93.8#

157 78.3 84.9 127.3#





#69

1,3,5-Trichlorobenzene

Concen: 0.412 ug/L

RT: 13.219 min Scan# 3707

Delta R.T. 0.010 min

Lab File: VU061613.D

Acq: 13 Nov 2024 08:42

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion:180 Resp: 7541

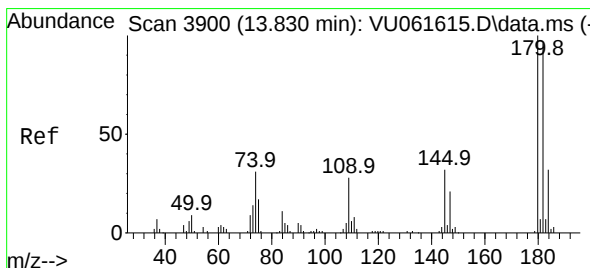
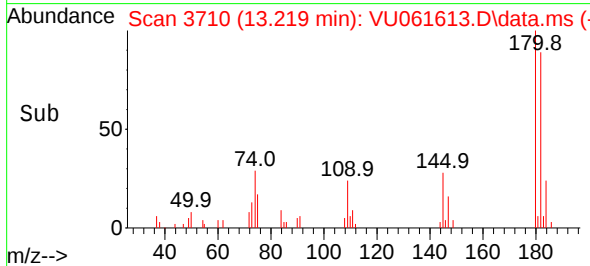
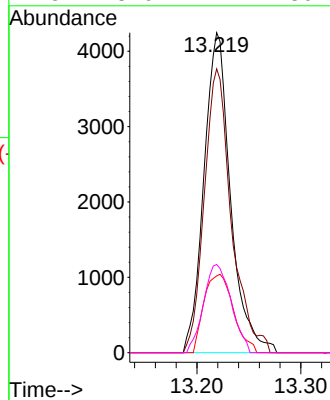
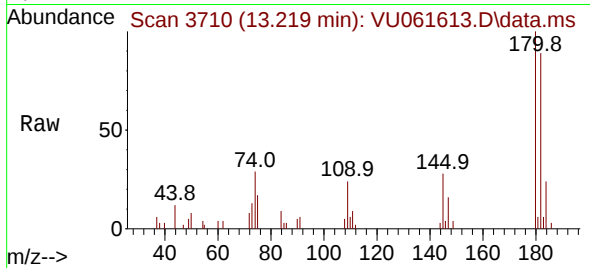
Ion Ratio Lower Upper

180 100

182 90.2 77.1 115.7

184 27.1 24.7 37.1

145 28.6 24.1 36.1



#70

1,2,4-trichlorobenzene

Concen: 0.391 ug/L

RT: 13.843 min Scan# 3904

Delta R.T. 0.013 min

Lab File: VU061613.D

Acq: 13 Nov 2024 08:42

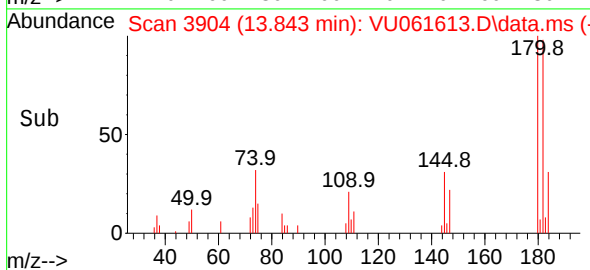
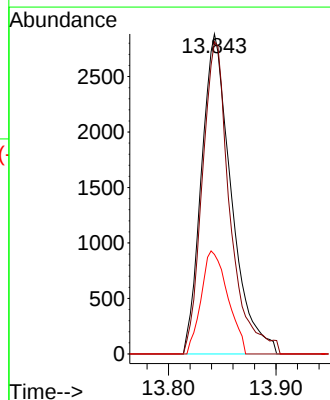
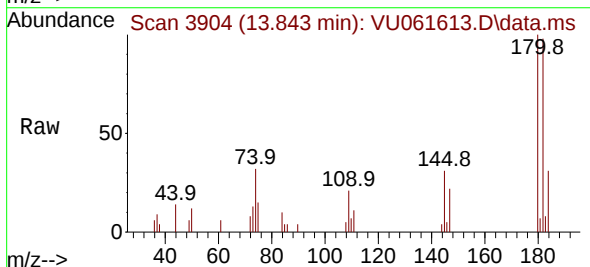
Tgt Ion:180 Resp: 5553

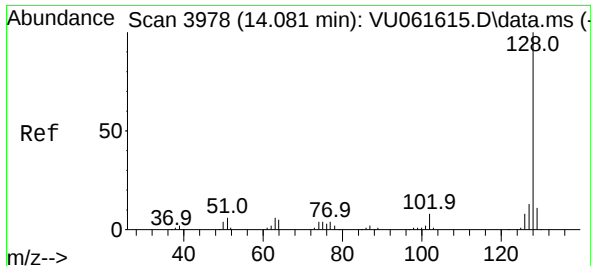
Ion Ratio Lower Upper

180 100

182 90.3 77.4 116.0

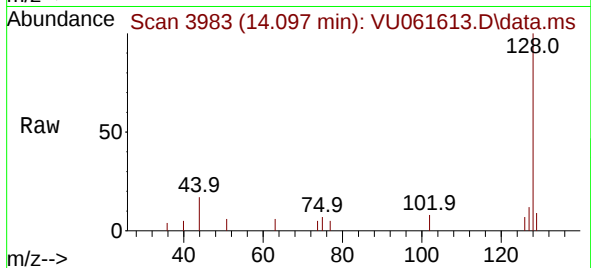
145 28.7 24.5 36.7



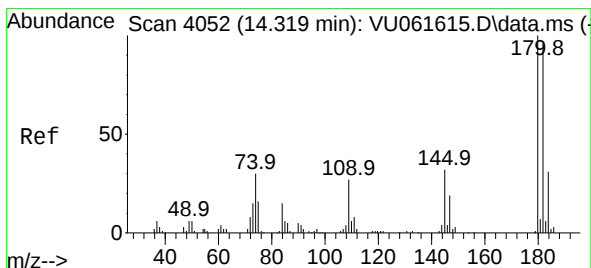
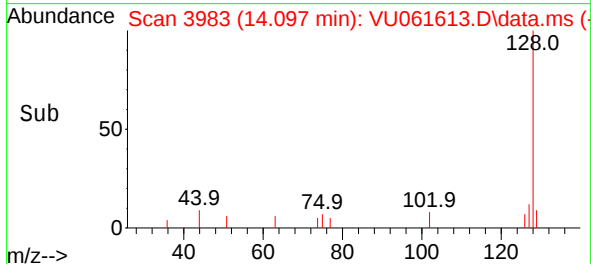
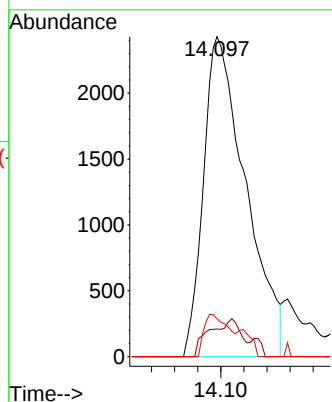


#71
Naphthalene
Concen: 0.312 ug/L
RT: 14.097 min Scan# 3978
Delta R.T. 0.016 min
Lab File: VU061613.D
Acq: 13 Nov 2024 08:42

Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion:128 Resp: 6158
Ion Ratio Lower Upper
128 100
129 8.7 8.5 12.7
127 7.7 10.4 15.6#



#72
1,2,3-Trichlorobenzene
Concen: 0.379 ug/L
RT: 14.325 min Scan# 4054
Delta R.T. 0.006 min
Lab File: VU061613.D
Acq: 13 Nov 2024 08:42

Tgt Ion:180 Resp: 4517
Ion Ratio Lower Upper
180 100
182 96.4 76.6 114.8
145 30.2 26.3 39.5

