

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU110724\
 Data File : VU061533.D
 Acq On : 07 Nov 2024 20:22
 Operator : MD/SY
 Sample : P4743-04MS
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 H46R4MS

Quant Time: Nov 08 00:33:06 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR102324WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Nov 08 00:26:16 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	149346	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.409	117	144628	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	70830	5.000	ug/L	0.00

System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	44824	4.418	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	88.400%
7) Chloroethane-d5	1.911	69	43257	4.651	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	93.000%
11) 1,1-Dichloroethene-d2	2.560	65	20434	4.708	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	94.200%
20) 2-Butanone-d5	4.631	46	129481	62.862	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	125.720%
24) Chloroform-d	5.052	84	106709	5.541	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	110.800%
26) 1,2-Dichloroethane-d4	5.692	65	53724	5.597	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	112.000%
32) Benzene-d6	5.718	84	213343	5.235	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	104.800%
36) 1,2-Dichloropropane-d6	6.682	67	65026	5.307	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	106.200%
41) Toluene-d8	7.891	98	197180	5.175	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	103.400%
43) trans-1,3-Dichloroprop...	8.174	79	23563	4.711	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	94.200%
46) 2-Hexanone-d5	8.624	63	120550	58.852	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	117.700%
56) 1,1,2,2-Tetrachloroeth...	10.746	84	54599	5.893	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	117.800%
66) 1,2-Dichlorobenzene-d4	12.184	152	67675	5.396	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	108.000%

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	1.383	85	43298	4.349	ug/L	99
3) Chloromethane	1.518	50	46846	4.462	ug/L	99
5) Vinyl chloride	1.599	62	92875	8.045	ug/L #	61
6) Bromomethane	1.853	94	27010	3.531	ug/L	95
8) Chloroethane	1.930	64	43988	5.176	ug/L	88
9) Trichlorofluoromethane	2.133	101	81577	5.203	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.573	101	43910	4.716	ug/L	99
12) 1,1-Dichloroethene	2.573	96	47274	5.354	ug/L	97
13) Acetone	2.650	43	111550	85.505	ug/L	97
14) Carbon disulfide	2.788	76	123408	4.189	ug/L	99
15) Methyl Acetate	2.956	43	17813	5.514	ug/L	99
16) Methylene chloride	3.039	84	56368	5.417	ug/L	98
17) Methyl tert-butyl Ether	3.354	73	130948	5.472	ug/L	100
18) trans-1,2-Dichloroethene	3.345	96	134261	13.751	ug/L	96
19) 1,1-Dichloroethane	3.859	63	101008	5.485	ug/L	99
21) 2-Butanone	4.711	43	129004	62.375	ug/L	99
22) cis-1,2-Dichloroethene	4.653	96	1129242	101.256	ug/L	99
23) Bromochloromethane	4.965	128	27430	5.845	ug/L	99
25) Chloroform	5.078	83	108434	5.600	ug/L	98

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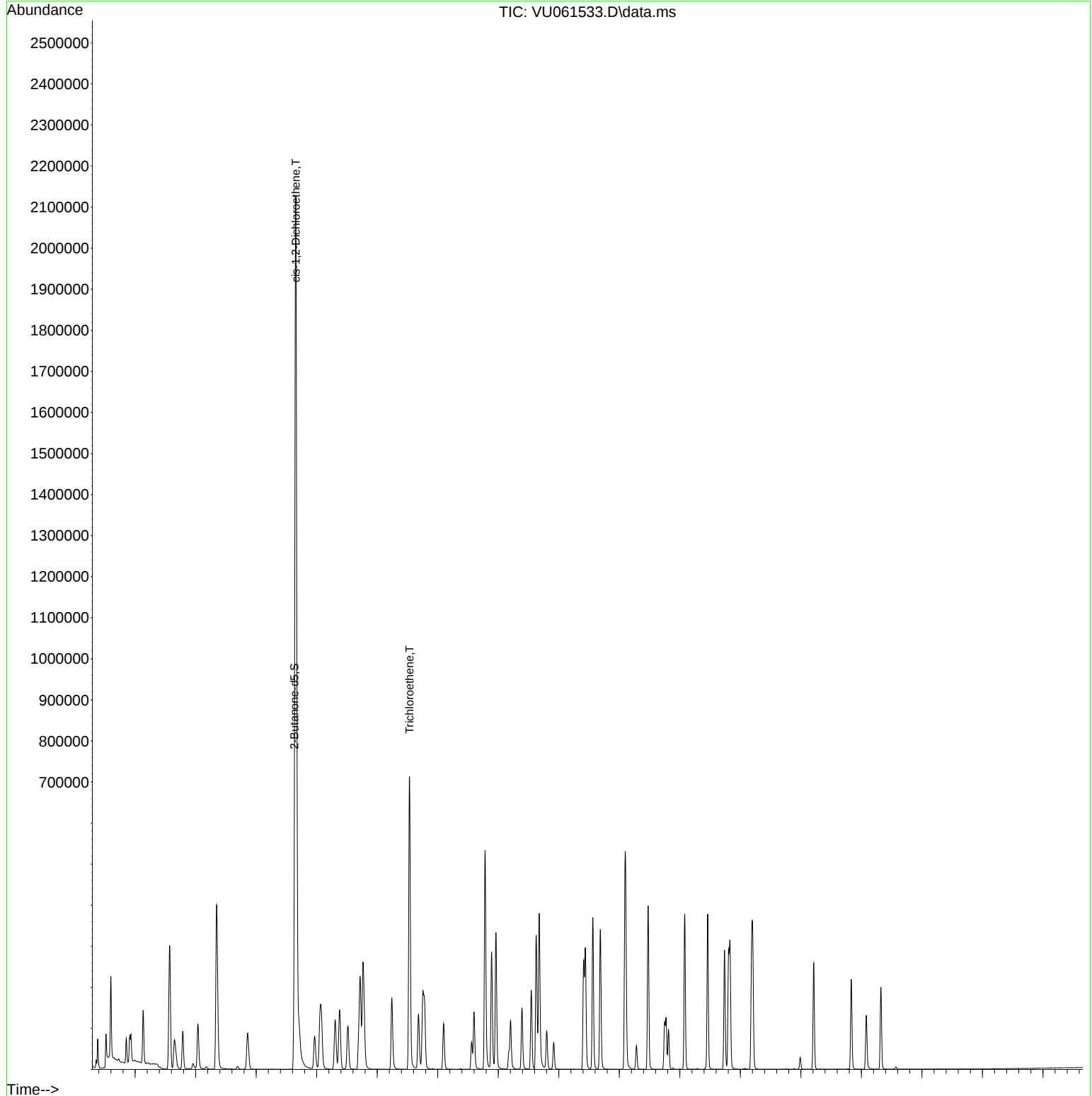
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.785	62	67735	5.536	ug/L	99
29) 1,1,1-Trichloroethane	5.306	97	86450	4.881	ug/L	99
30) Cyclohexane	5.377	56	73745	4.151	ug/L	100
31) Carbon tetrachloride	5.515	117	71206	4.699	ug/L	96
33) Benzene	5.766	78	238253	5.327	ug/L	100
34) Trichloroethene	6.531	95	245038	20.139	ug/L	99
35) Methylcyclohexane	6.753	83	76236	3.937	ug/L	99
37) 1,2-Dichloropropane	6.782	63	60608	5.346	ug/L	100
38) Bromodichloromethane	7.097	83	73807	5.144	ug/L	97
39) cis-1,3-Dichloropropene	7.599	75	85535	4.885	ug/L	100
40) 4-Methyl-2-pentanone	7.782	43	328343	58.190	ug/L	98
42) Toluene	7.962	91	252115	5.190	ug/L	98
44) trans-1,3-Dichloropropene	8.203	75	69318	4.858	ug/L	99
45) 1,1,2-Trichloroethane	8.393	97	46551	5.706	ug/L	98
47) Tetrachloroethene	8.547	164	41264	4.856	ug/L	97
48) 2-Hexanone	8.676	43	236574	59.289	ug/L	99
49) Dibromochloromethane	8.801	129	47116	5.091	ug/L	97
50) 1,2-Dibromoethane	8.917	107	43665	5.509	ug/L	97
51) Chlorobenzene	9.441	112	161195	5.250	ug/L	97
52) Ethylbenzene	9.563	91	267231	5.002	ug/L	99
53) m,p-Xylene	9.689	106	100849	4.955	ug/L	98
54) o-Xylene	10.094	106	100794	5.017	ug/L	98
55) Styrene	10.107	104	162149	5.035	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.772	83	59731	6.076	ug/L	99
59) Bromoform	10.283	173	25506	4.865	ug/L	99
60) Isopropylbenzene	10.476	105	264636	4.891	ug/L	100
61) 1,2,3-Trichloropropane	10.814	75	40256	5.705	ug/L	99
62) 1,3,5-Trimethylbenzene	11.081	105	208434	4.732	ug/L	99
63) 1,2,4-Trimethylbenzene	11.460	105	207709	4.770	ug/L	99
64) 1,3-Dichlorobenzene	11.737	146	119623	5.253	ug/L	98
65) 1,4-Dichlorobenzene	11.830	146	117656	5.068	ug/L	99
67) 1,2-Dichlorobenzene	12.203	146	114491	5.342	ug/L	100
68) 1,2-Dibromo-3-chloropr...	12.991	75	7173	4.842	ug/L	93
69) 1,3,5-Trichlorobenzene	13.213	180	79865	5.116	ug/L	98
70) 1,2,4-trichlorobenzene	13.833	180	65792	5.223	ug/L	99
71) Naphthalene	14.081	128	112961	5.683	ug/L	99
72) 1,2,3-Trichlorobenzene	14.322	180	59882	5.682	ug/L	98

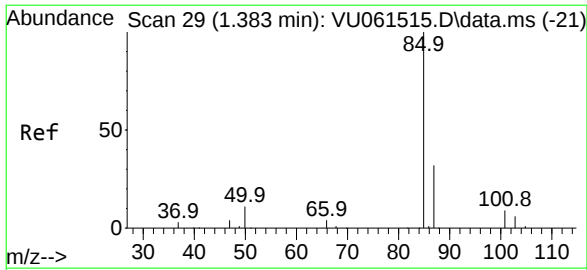
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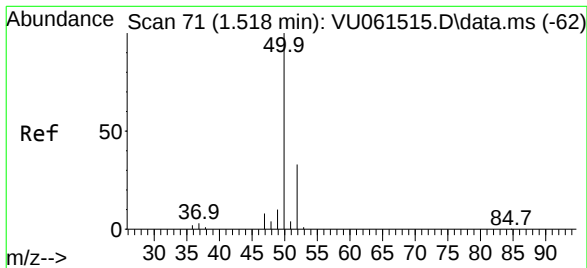
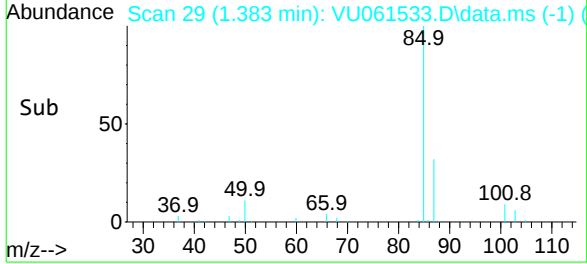
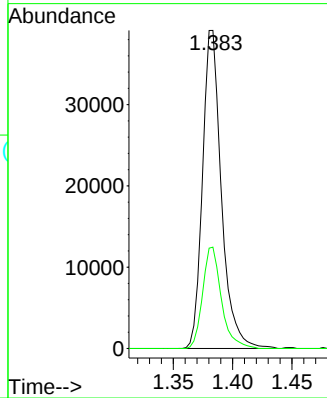
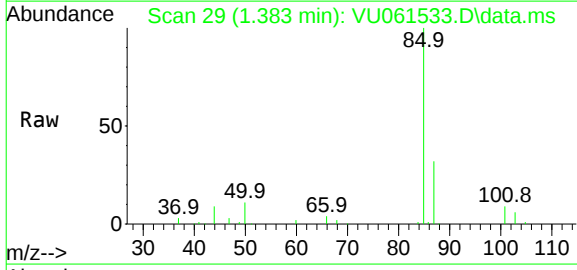




#2
 Dichlorodifluoromethane
 Concen: 4.349 ug/L
 RT: 1.383 min Scan# 29
 Delta R.T. 0.000 min
 Lab File: VU061533.D
 Acq: 07 Nov 2024 20:22

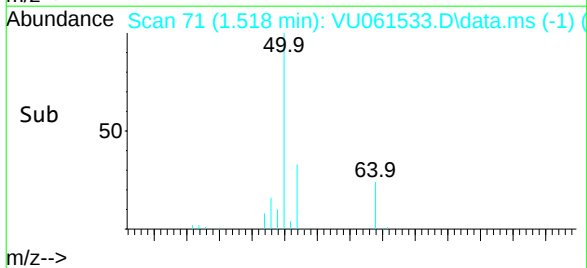
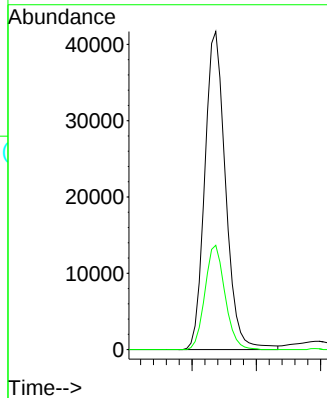
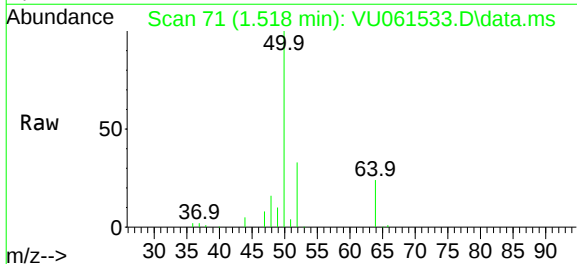
Instrument :
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 ClientSampleId :
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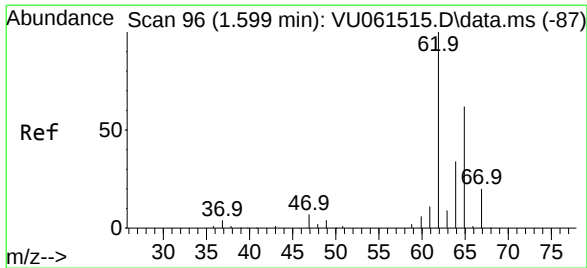
Tgt Ion: 85 Resp: 43298
 Ion Ratio Lower Upper
 85 100
 87 31.7 25.7 38.5



#3
 Chloromethane
 Concen: 4.462 ug/L
 RT: 1.518 min Scan# 71
 Delta R.T. 0.000 min
 Lab File: VU061533.D
 Acq: 07 Nov 2024 20:22

Tgt Ion: 50 Resp: 46846
 Ion Ratio Lower Upper
 50 100
 52 32.8 23.4 43.4

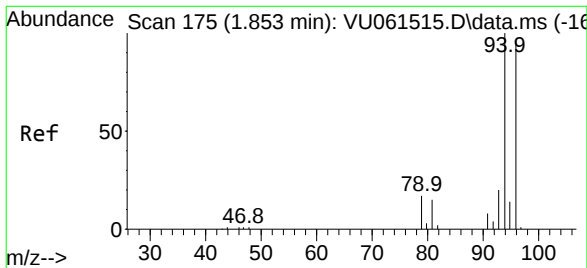
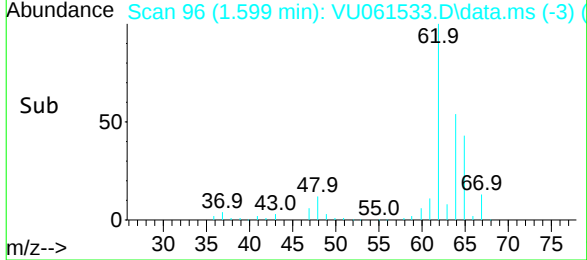
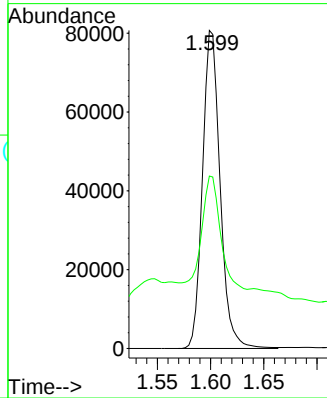
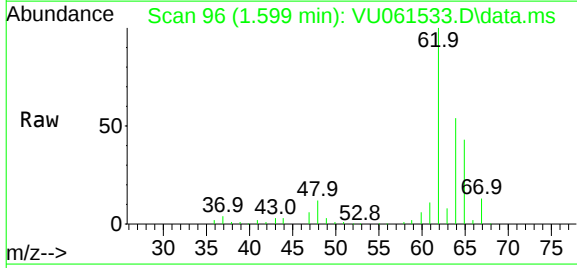




#5
 Vinyl chloride
 Concen: 8.045 ug/L
 RT: 1.599 min Scan# 96
 Delta R.T. 0.000 min
 Lab File: VU061533.D
 Acq: 07 Nov 2024 20:22

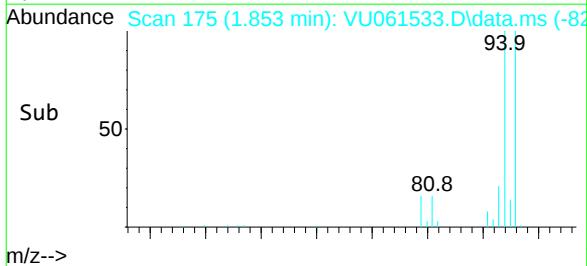
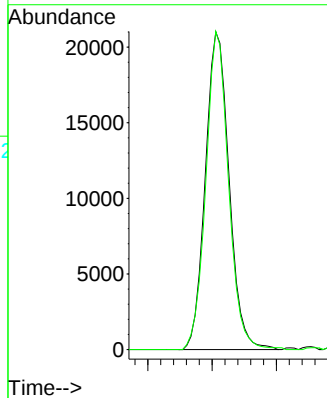
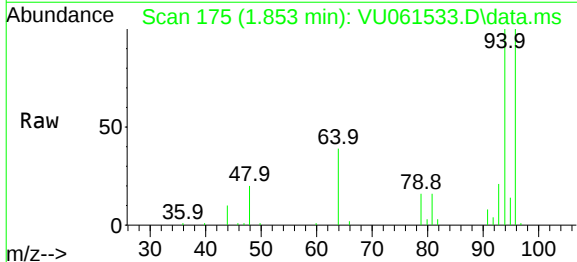
Instrument :
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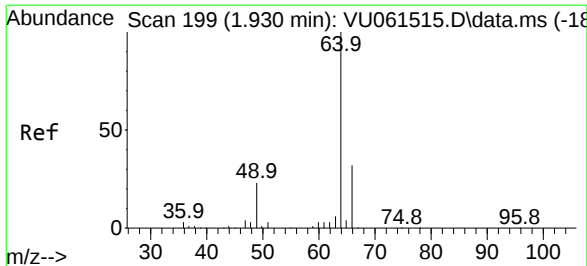
Tgt Ion: 62 Resp: 92875
 Ion Ratio Lower Upper
 62 100
 64 54.2 22.6 42.0#



#6
 Bromomethane
 Concen: 3.531 ug/L
 RT: 1.853 min Scan# 175
 Delta R.T. 0.000 min
 Lab File: VU061533.D
 Acq: 07 Nov 2024 20:22

Tgt Ion: 94 Resp: 27010
 Ion Ratio Lower Upper
 94 100
 96 100.1 66.9 124.3

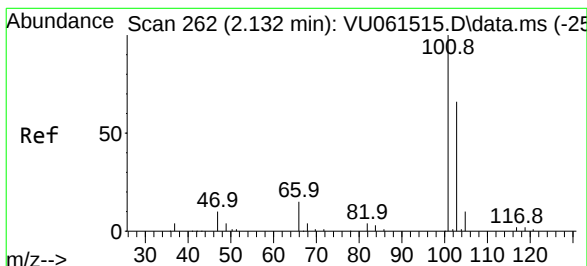
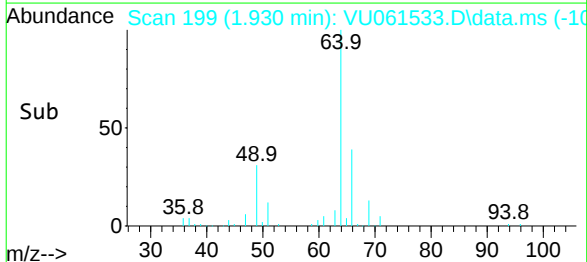
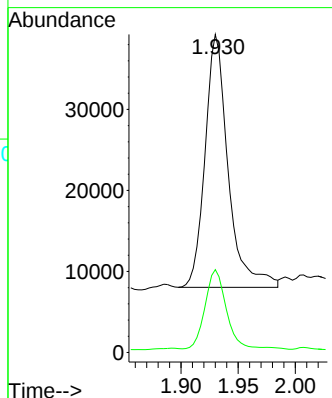
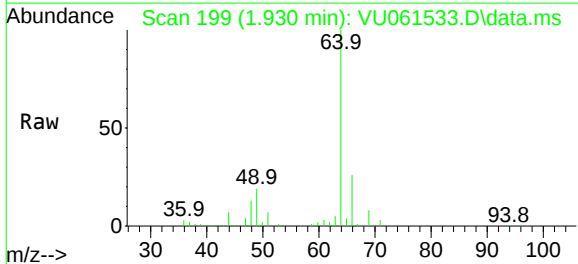




#8
Chloroethane
Concen: 5.176 ug/L
RT: 1.930 min Scan# 199
Delta R.T. 0.000 min
Lab File: VU061533.D
Acq: 07 Nov 2024 20:22

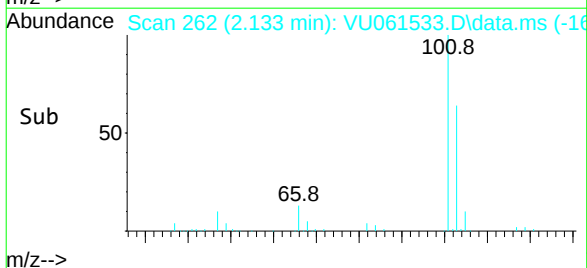
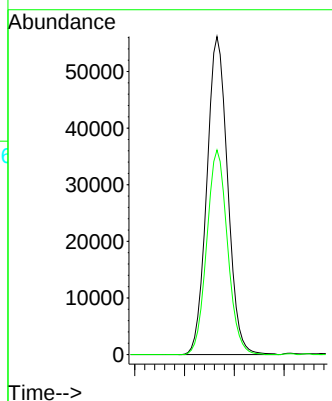
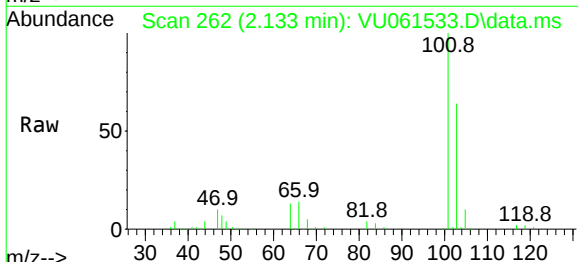
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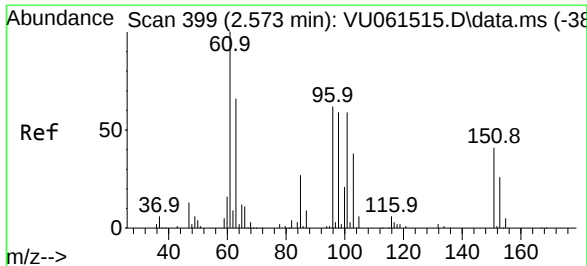
Tgt Ion: 64 Resp: 43988
Ion Ratio Lower Upper
64 100
66 26.0 23.1 42.9



#9
Trichlorofluoromethane
Concen: 5.203 ug/L
RT: 2.133 min Scan# 262
Delta R.T. 0.000 min
Lab File: VU061533.D
Acq: 07 Nov 2024 20:22

Tgt Ion:101 Resp: 81577
Ion Ratio Lower Upper
101 100
103 64.2 50.6 75.8

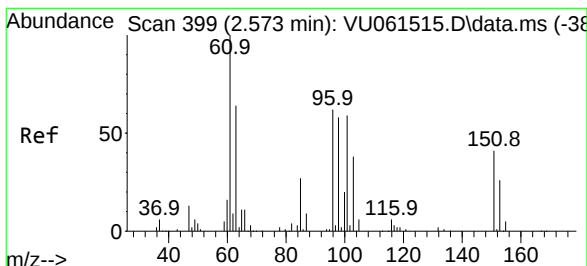
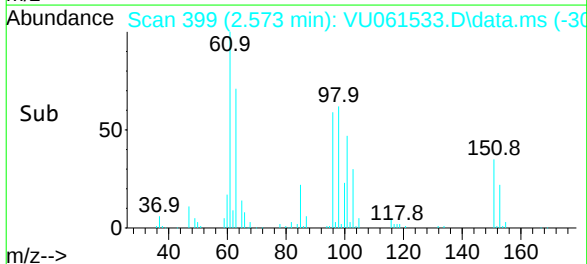
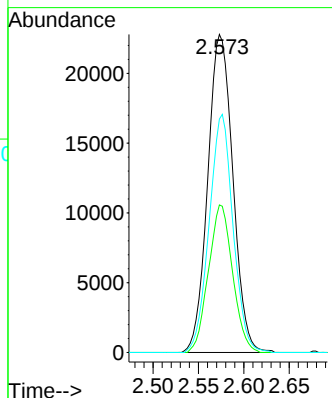
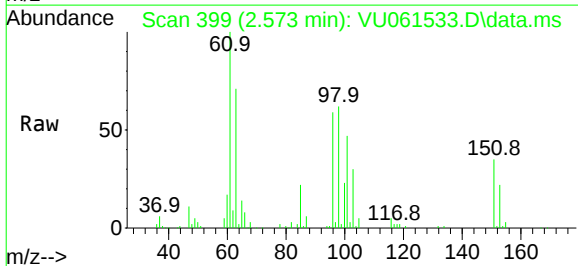




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 4.716 ug/L
RT: 2.573 min Scan# 399
Delta R.T. 0.000 min
Lab File: VU061533.D
Acq: 07 Nov 2024 20:22

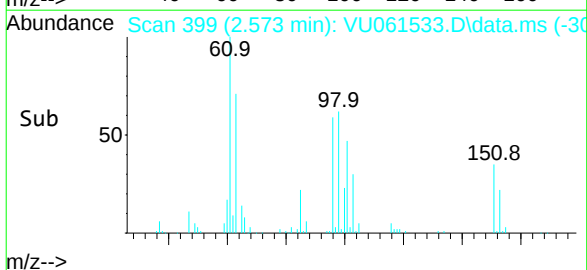
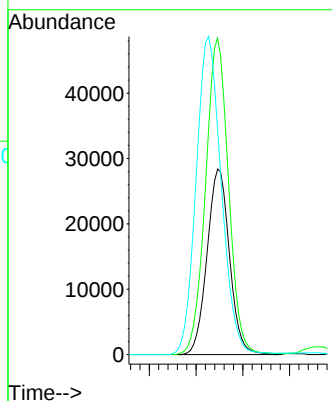
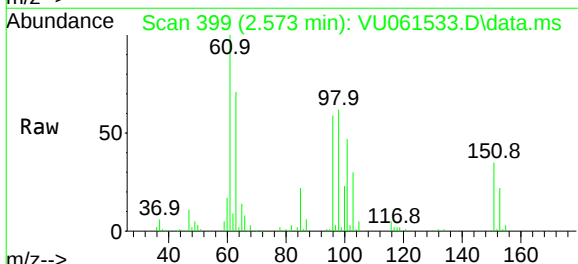
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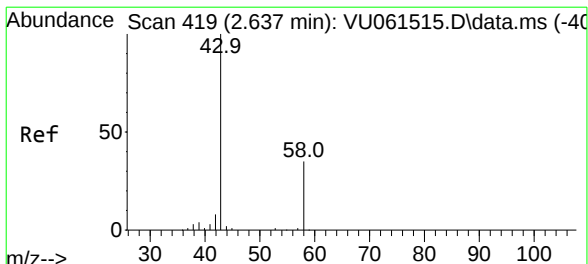
Tgt Ion: 101 Resp: 43910
Ion Ratio Lower Upper
101 100
85 44.5 35.6 53.4
151 71.3 55.9 83.9



#12
1,1-Dichloroethene
Concen: 5.354 ug/L
RT: 2.573 min Scan# 399
Delta R.T. 0.000 min
Lab File: VU061533.D
Acq: 07 Nov 2024 20:22

Tgt Ion: 96 Resp: 47274
Ion Ratio Lower Upper
96 100
61 170.5 119.1 221.1
63 120.6 89.4 166.0



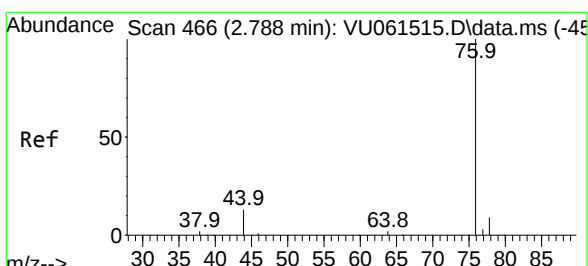
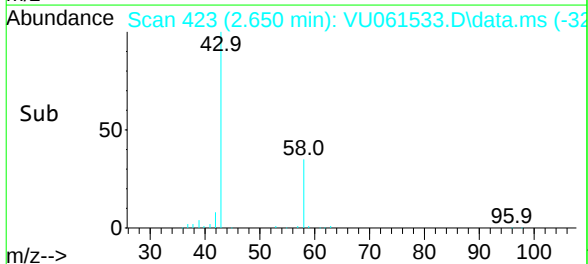
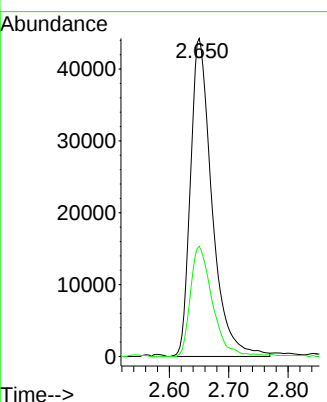
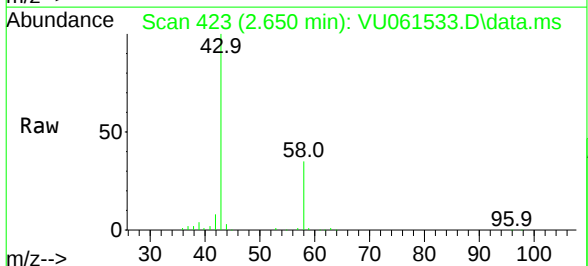


#13
 Acetone
 Concen: 85.505 ug/L
 RT: 2.650 min Scan# 42
 Delta R.T. 0.013 min
 Lab File: VU061533.D
 Acq: 07 Nov 2024 20:22

Instrument :
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Tgt Ion: 43 Resp: 111550

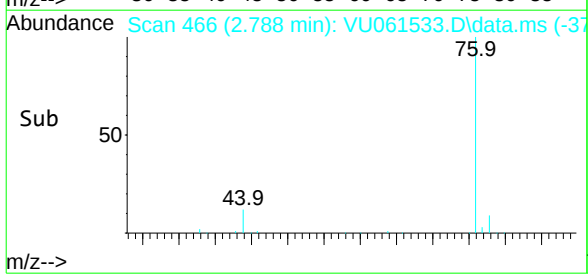
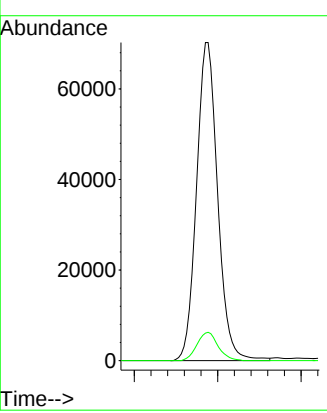
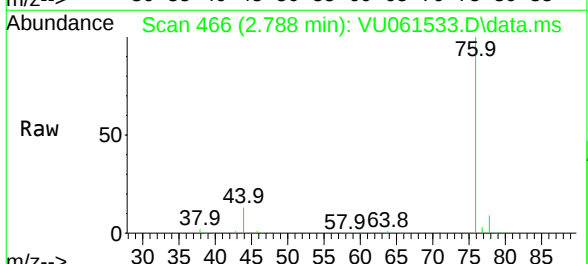
Ion	Ratio	Lower	Upper
43	100		
58	35.0	0.0	73.2

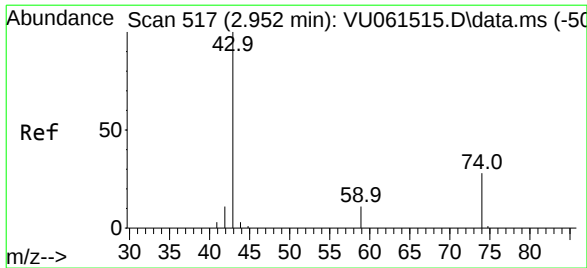


#14
 Carbon disulfide
 Concen: 4.189 ug/L
 RT: 2.788 min Scan# 466
 Delta R.T. 0.000 min
 Lab File: VU061533.D
 Acq: 07 Nov 2024 20:22

Tgt Ion: 76 Resp: 123408

Ion	Ratio	Lower	Upper
76	100		
78	8.9	7.4	11.2

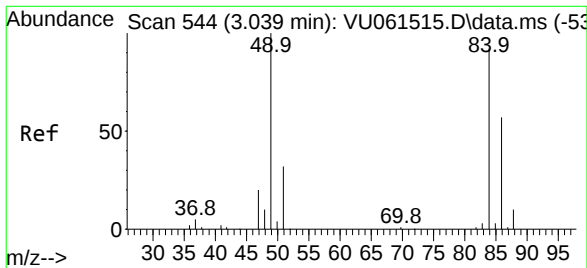
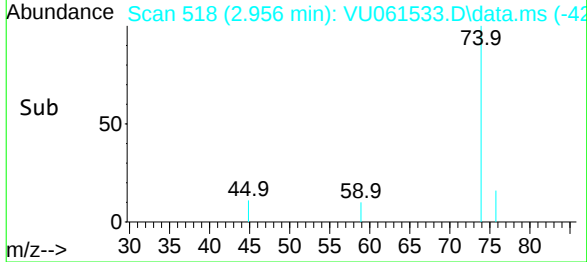
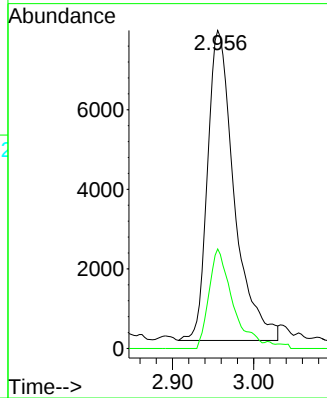
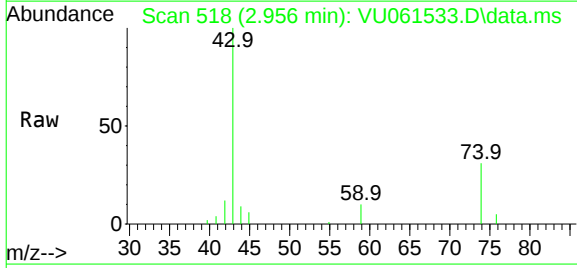




#15
Methyl Acetate
Concen: 5.514 ug/L
RT: 2.956 min Scan# 518
Delta R.T. 0.003 min
Lab File: VU061533.D
Acq: 07 Nov 2024 20:22

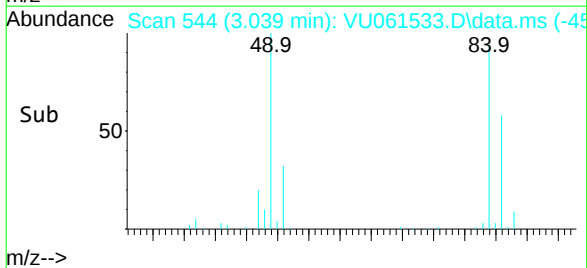
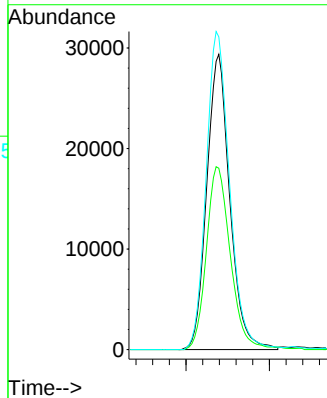
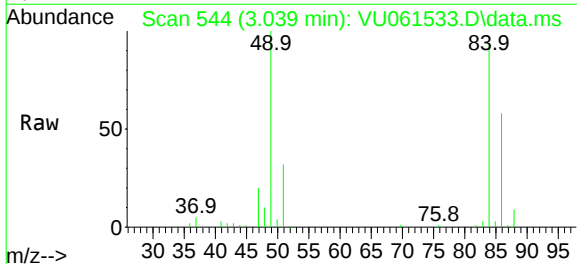
Instrument :
MSVOA_U
ClientSampleId :
H46R4MS

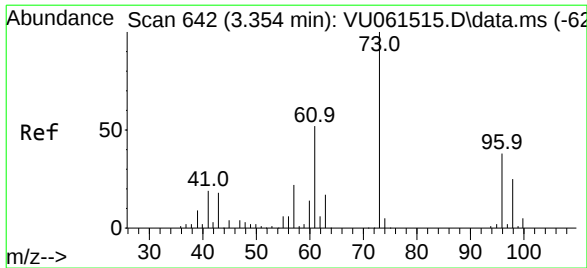
Tgt Ion: 43 Resp: 17813
Ion Ratio Lower Upper
43 100
74 28.3 22.2 33.4



#16
Methylene chloride
Concen: 5.417 ug/L
RT: 3.039 min Scan# 544
Delta R.T. 0.000 min
Lab File: VU061533.D
Acq: 07 Nov 2024 20:22

Tgt Ion: 84 Resp: 56368
Ion Ratio Lower Upper
84 100
86 61.4 43.5 80.7
49 105.9 75.7 140.7

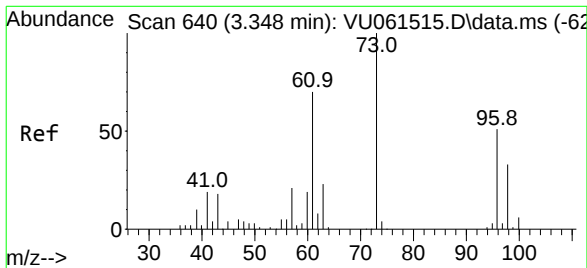
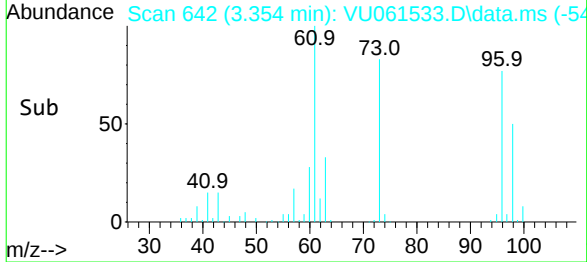
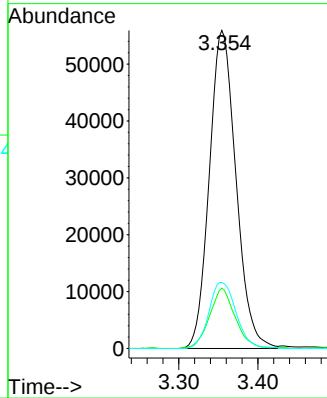
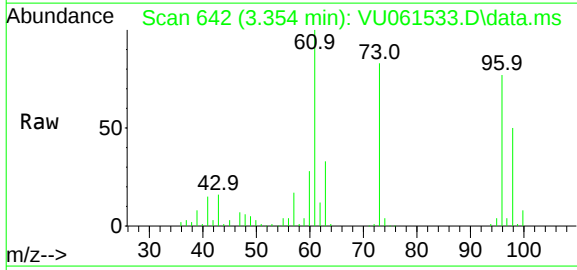




#17
Methyl tert-butyl Ether
Concen: 5.472 ug/L
RT: 3.354 min Scan# 642
Delta R.T. 0.000 min
Lab File: VU061533.D
Acq: 07 Nov 2024 20:22

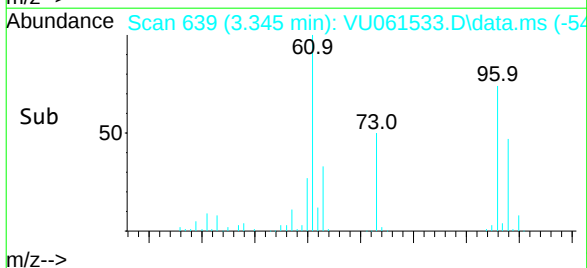
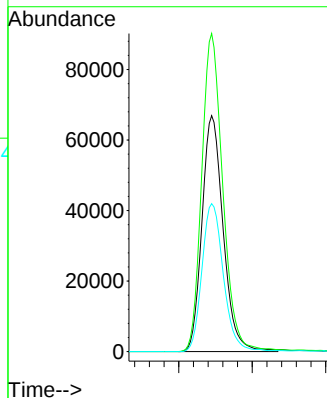
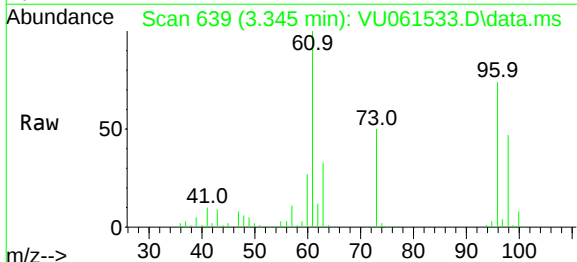
Instrument :
MSVOA_U
ClientSampleId :
H46R4MS

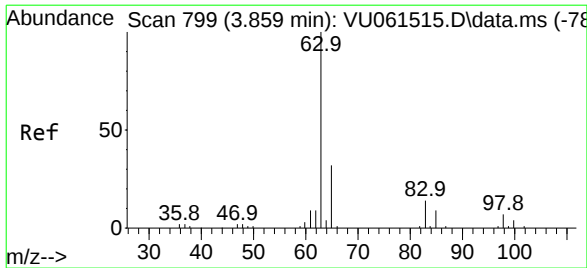
Tgt Ion:	73	Resp:	130948
Ion	Ratio	Lower	Upper
73	100		
43	18.5	15.0	22.4
57	21.2	17.0	25.6



#18
trans-1,2-Dichloroethene
Concen: 13.751 ug/L
RT: 3.345 min Scan# 639
Delta R.T. -0.003 min
Lab File: VU061533.D
Acq: 07 Nov 2024 20:22

Tgt Ion:	96	Resp:	134261
Ion	Ratio	Lower	Upper
96	100		
61	134.8	97.9	181.7
98	62.7	46.2	85.8

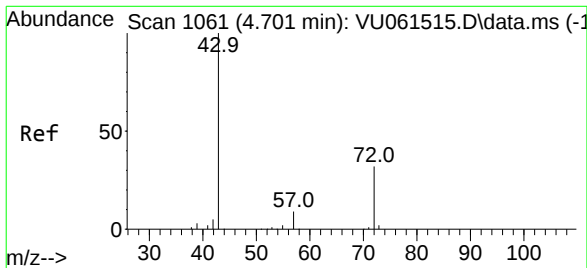
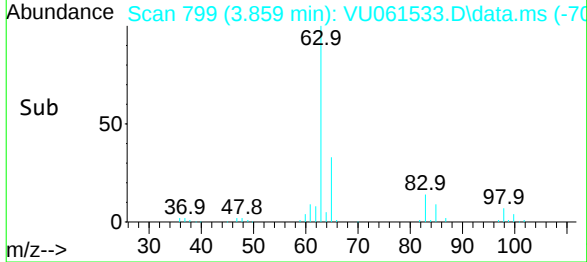
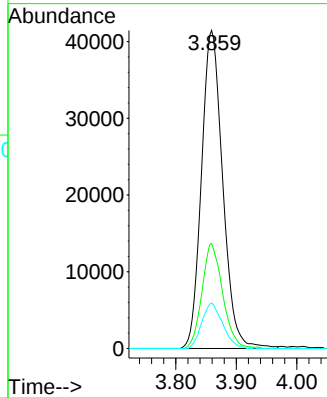
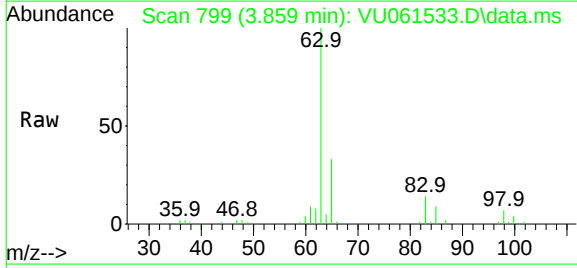




#19
1,1-Dichloroethane
Concen: 5.485 ug/L
RT: 3.859 min Scan# 799
Delta R.T. 0.000 min
Lab File: VU061533.D
Acq: 07 Nov 2024 20:22

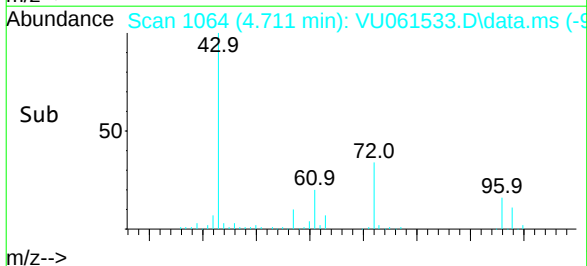
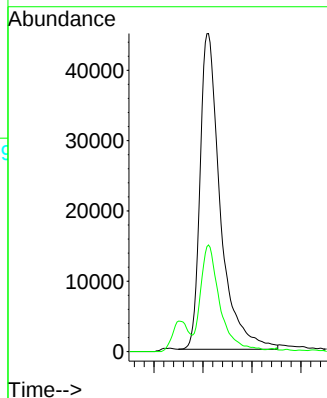
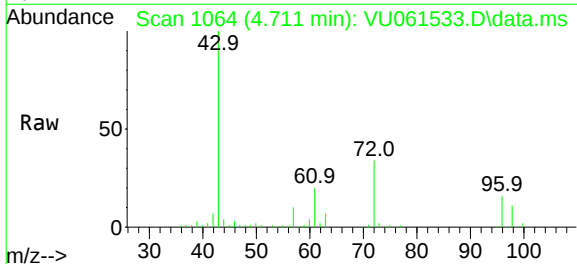
Instrument :
MSVOA_U
ClientSampleId :
H46R4MS

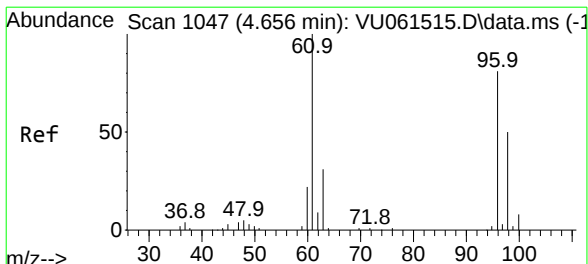
Tgt Ion: 63 Resp: 101008
Ion Ratio Lower Upper
63 100
65 33.0 23.0 42.6
83 14.3 9.7 17.9



#21
2-Butanone
Concen: 62.375 ug/L
RT: 4.711 min Scan# 1064
Delta R.T. 0.010 min
Lab File: VU061533.D
Acq: 07 Nov 2024 20:22

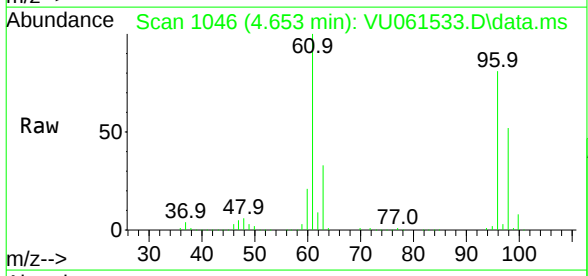
Tgt Ion: 43 Resp: 129004
Ion Ratio Lower Upper
43 100
72 31.1 15.9 47.6





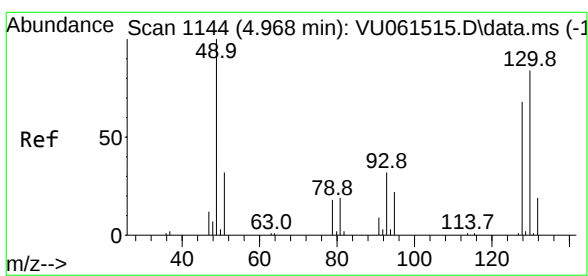
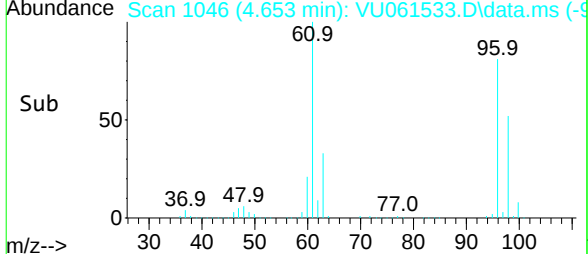
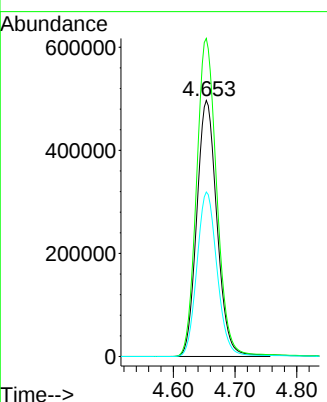
#22
 cis-1,2-Dichloroethene
 Concen: 101.256 ug/L
 RT: 4.653 min Scan# 1046
 Delta R.T. -0.003 min
 Lab File: VU061533.D
 Acq: 07 Nov 2024 20:22

Instrument :
 MSVOA_U
 ClientSampleId :
 H46R4MS



Tgt Ion: 96 Resp: 1129242

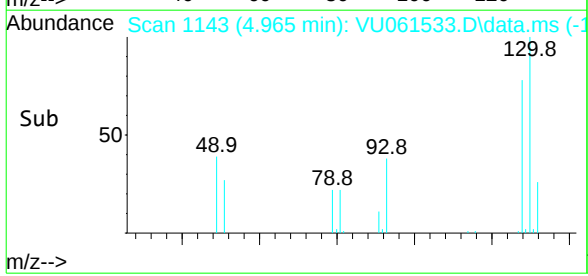
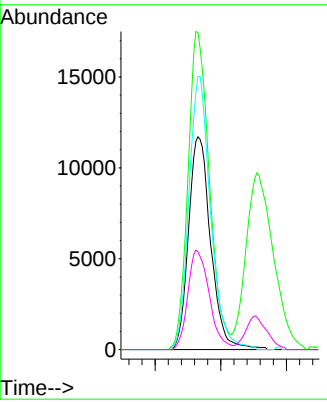
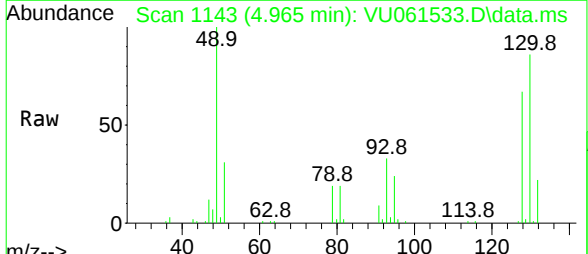
Ion	Ratio	Lower	Upper
96	100		
61	124.2	88.1	163.5
98	64.2	45.0	83.6

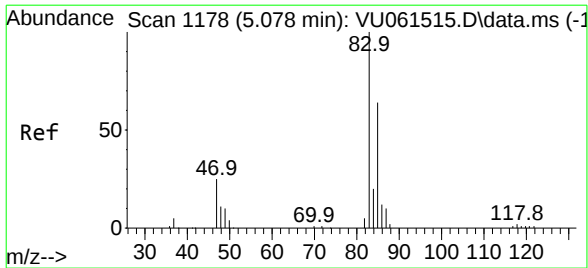


#23
 Bromochloromethane
 Concen: 5.845 ug/L
 RT: 4.965 min Scan# 1143
 Delta R.T. -0.003 min
 Lab File: VU061533.D
 Acq: 07 Nov 2024 20:22

Tgt Ion: 128 Resp: 27430

Ion	Ratio	Lower	Upper
128	100		
49	149.0	105.1	195.1
130	128.3	89.6	166.4
51	45.9	38.7	58.1

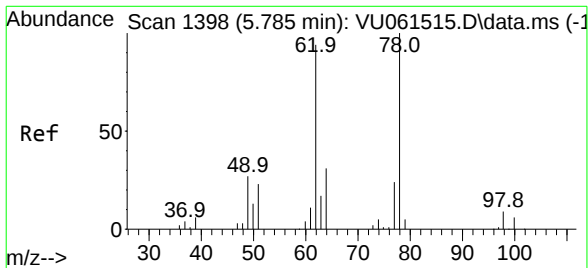
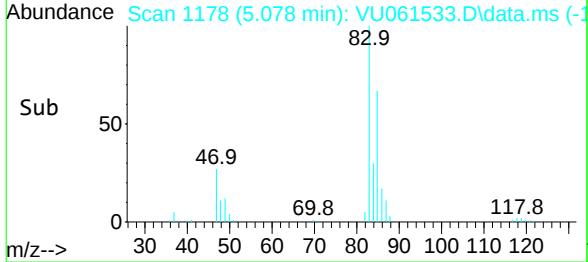
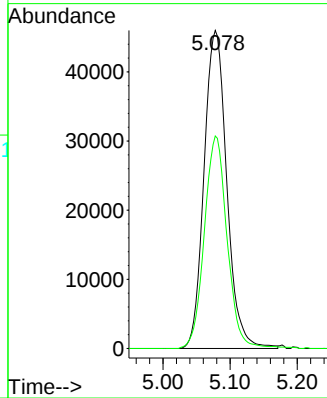
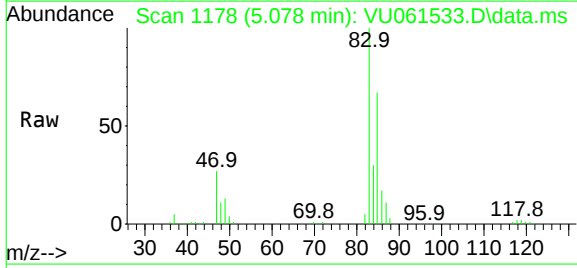




#25
Chloroform
Concen: 5.600 ug/L
RT: 5.078 min Scan# 1178
Delta R.T. 0.000 min
Lab File: VU061533.D
Acq: 07 Nov 2024 20:22

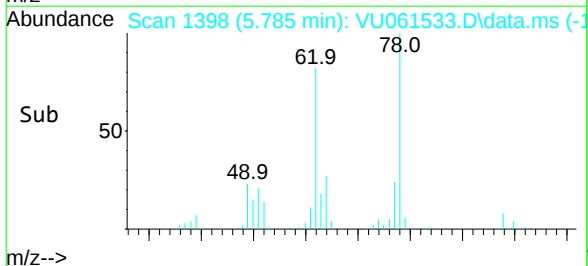
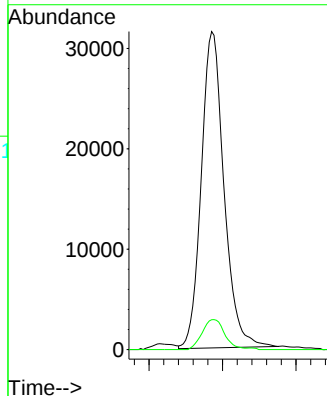
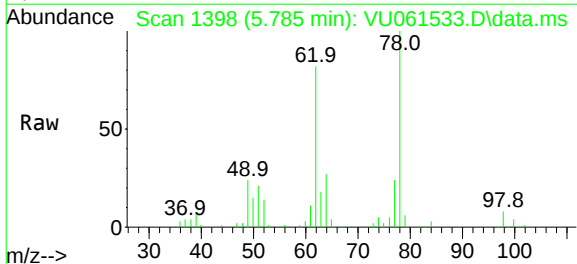
Instrument :
MSVOA_U
ClientSampleId :
H46R4MS

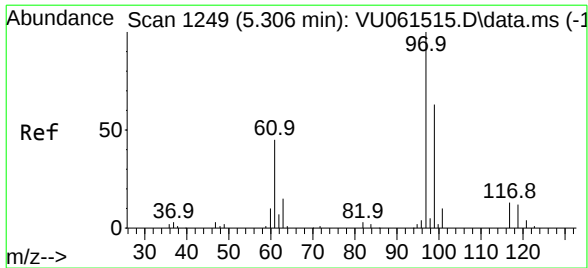
Tgt Ion: 83 Resp: 108434
Ion Ratio Lower Upper
83 100
85 66.8 45.6 84.6



#27
1,2-Dichloroethane
Concen: 5.536 ug/L
RT: 5.785 min Scan# 1398
Delta R.T. 0.000 min
Lab File: VU061533.D
Acq: 07 Nov 2024 20:22

Tgt Ion: 62 Resp: 67735
Ion Ratio Lower Upper
62 100
98 9.4 7.4 11.0

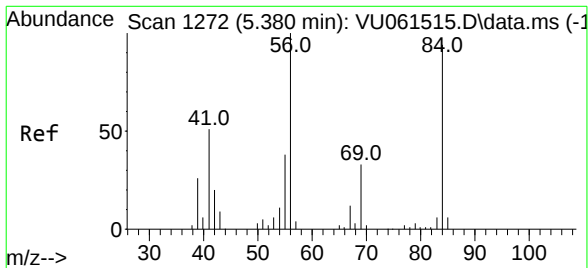
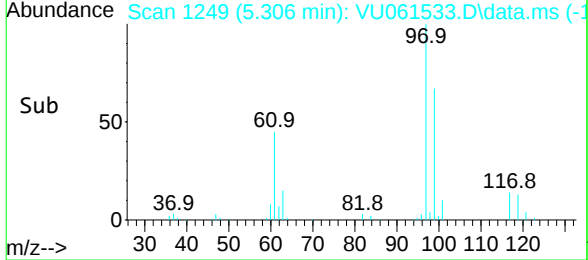
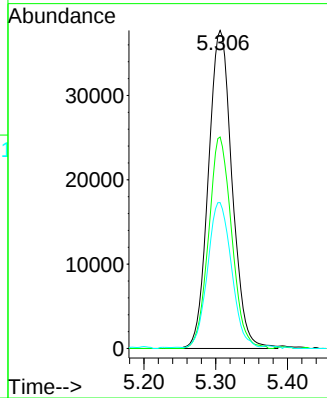
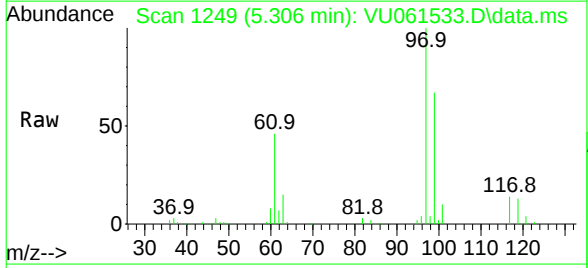




#29
1,1,1-Trichloroethane
Concen: 4.881 ug/L
RT: 5.306 min Scan# 1249
Delta R.T. 0.000 min
Lab File: VU061533.D
Acq: 07 Nov 2024 20:22

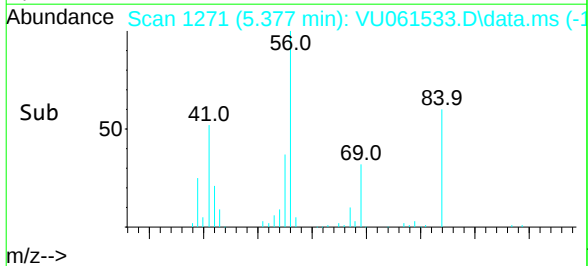
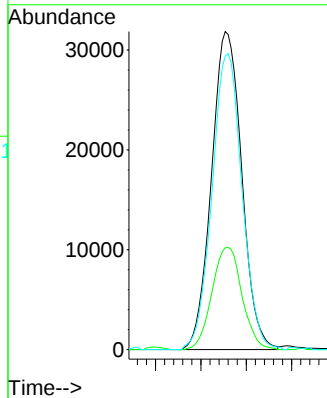
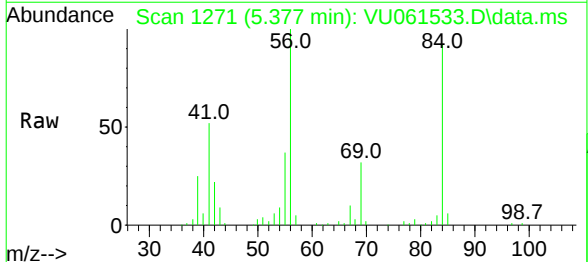
Instrument :
MSVOA_U
ClientSampleId :
H46R4MS

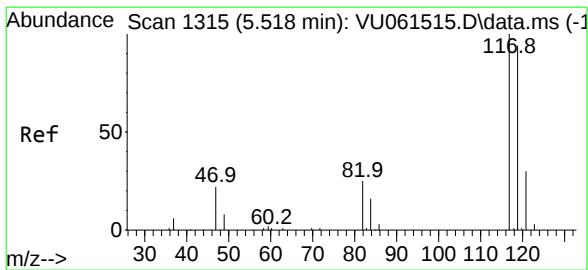
Tgt Ion:	97	Resp:	86450
Ion	Ratio	Lower	Upper
97	100		
99	64.8	50.8	76.2
61	45.8	36.1	54.1



#30
Cyclohexane
Concen: 4.151 ug/L
RT: 5.377 min Scan# 1271
Delta R.T. -0.003 min
Lab File: VU061533.D
Acq: 07 Nov 2024 20:22

Tgt Ion:	56	Resp:	73745
Ion	Ratio	Lower	Upper
56	100		
69	31.9	25.8	38.6
84	92.2	73.9	110.9

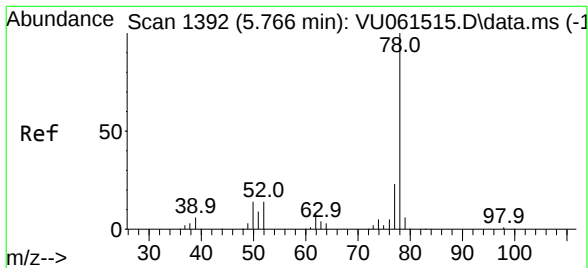
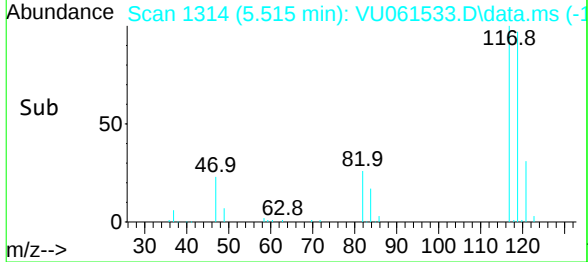
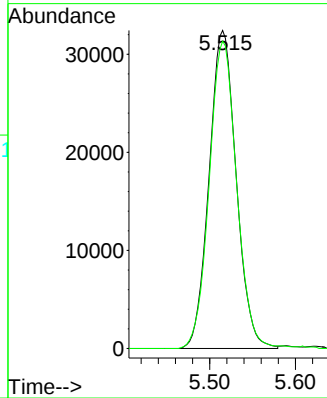
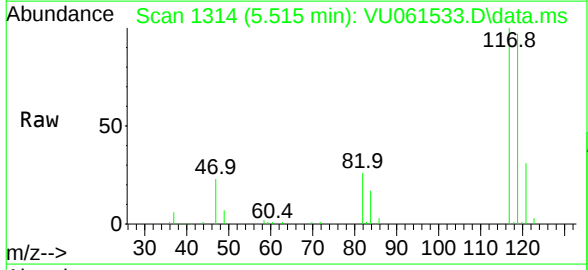




#31
Carbon tetrachloride
Concen: 4.699 ug/L
RT: 5.515 min Scan# 1315
Delta R.T. -0.003 min
Lab File: VU061533.D
Acq: 07 Nov 2024 20:22

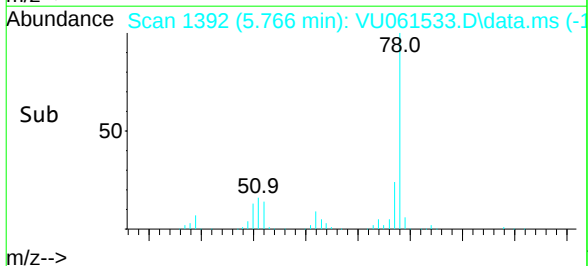
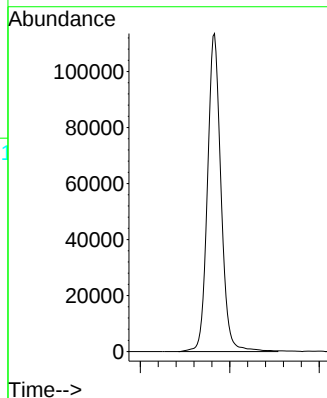
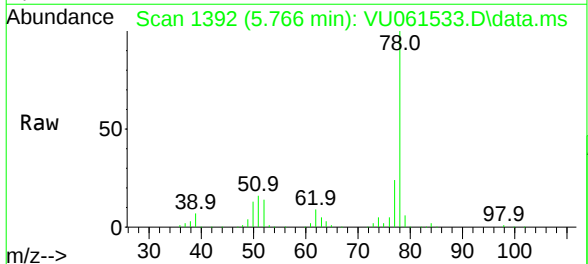
Instrument :
MSVOA_U
ClientSampleId :
H46R4MS

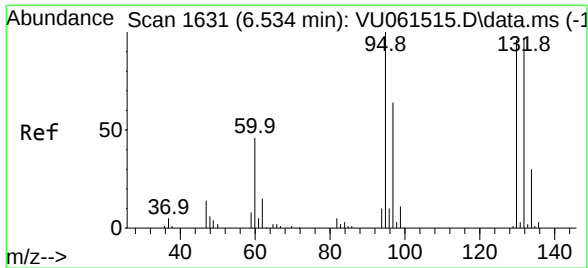
Tgt Ion:117 Resp: 71206
Ion Ratio Lower Upper
117 100
119 98.0 75.5 113.3



#33
Benzene
Concen: 5.327 ug/L
RT: 5.766 min Scan# 1392
Delta R.T. 0.000 min
Lab File: VU061533.D
Acq: 07 Nov 2024 20:22

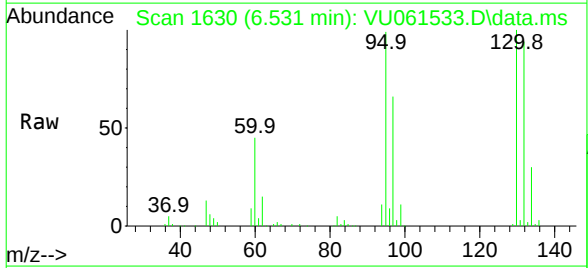
Tgt Ion: 78 Resp: 238253



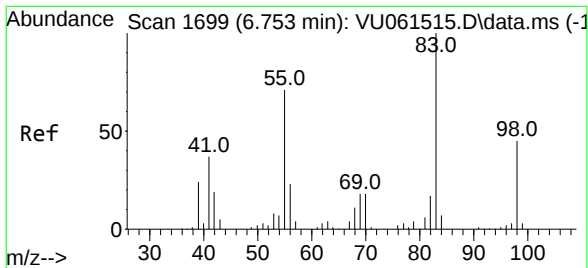
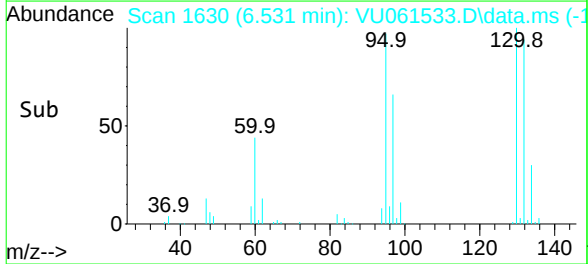
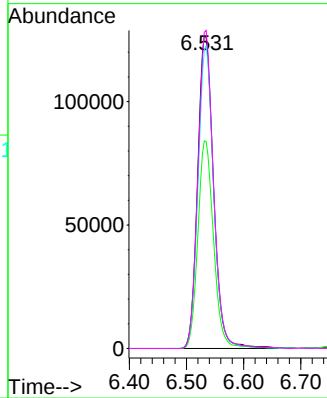


#34
Trichloroethene
Concen: 20.139 ug/L
RT: 6.531 min Scan# 1630
Delta R.T. -0.003 min
Lab File: VU061533.D
Acq: 07 Nov 2024 20:22

Instrument :
MSVOA_U
ClientSampleId :
H46R4MS

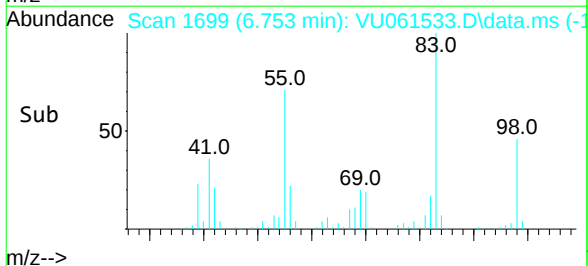
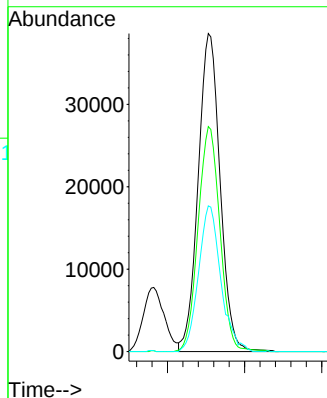
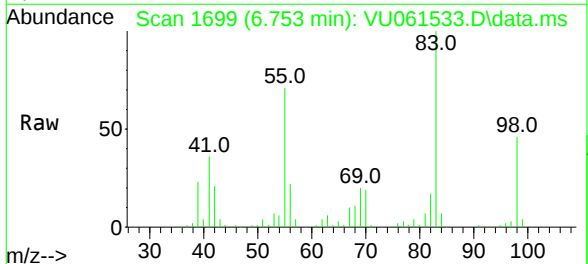


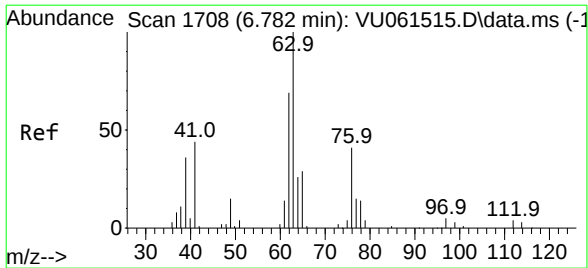
Tgt Ion: 95 Resp: 245038
Ion Ratio Lower Upper
95 100
97 66.3 46.1 85.7
132 95.4 66.1 122.7
130 101.1 69.0 128.2



#35
Methylcyclohexane
Concen: 3.937 ug/L
RT: 6.753 min Scan# 1699
Delta R.T. 0.000 min
Lab File: VU061533.D
Acq: 07 Nov 2024 20:22

Tgt Ion: 83 Resp: 76236
Ion Ratio Lower Upper
83 100
55 70.3 55.9 83.9
98 46.4 35.9 53.9

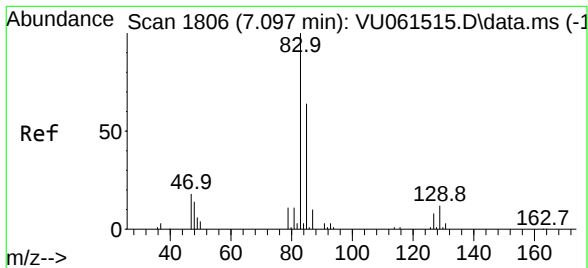
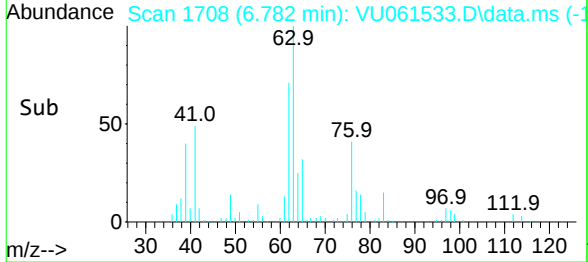
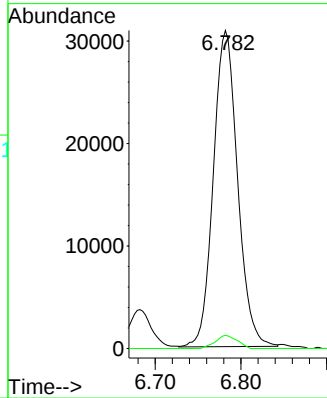
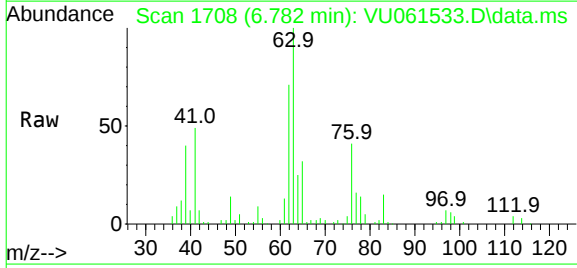




#37
1,2-Dichloropropane
Concen: 5.346 ug/L
RT: 6.782 min Scan# 1708
Delta R.T. 0.000 min
Lab File: VU061533.D
Acq: 07 Nov 2024 20:22

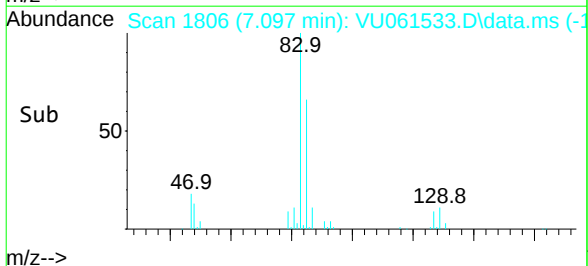
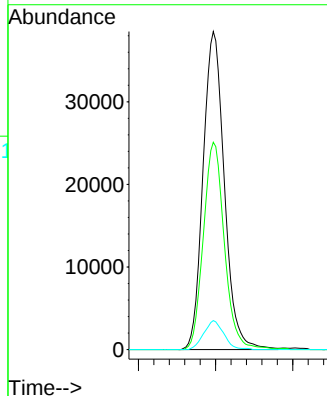
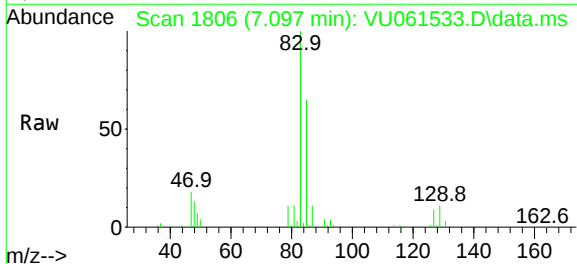
Instrument :
MSVOA_U
ClientSampleId :
H46R4MS

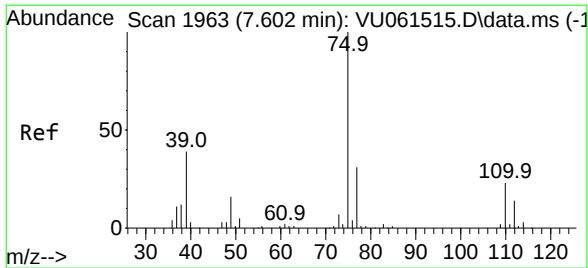
Tgt Ion: 63 Resp: 60608
Ion Ratio Lower Upper
63 100
112 3.7 3.0 4.4



#38
Bromodichloromethane
Concen: 5.144 ug/L
RT: 7.097 min Scan# 1806
Delta R.T. 0.000 min
Lab File: VU061533.D
Acq: 07 Nov 2024 20:22

Tgt Ion: 83 Resp: 73807
Ion Ratio Lower Upper
83 100
85 65.2 43.8 81.4
127 9.1 7.4 11.0

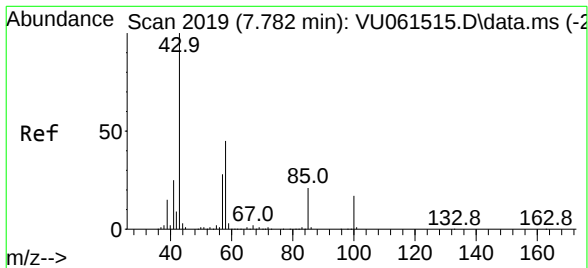
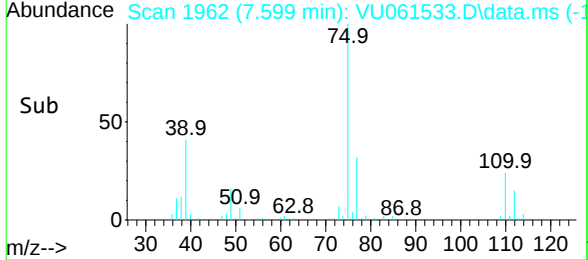
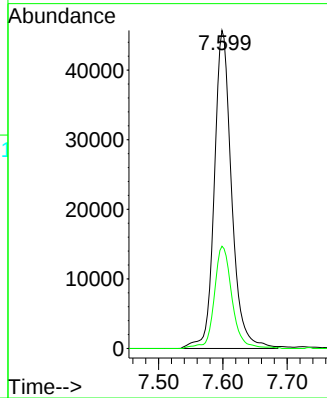
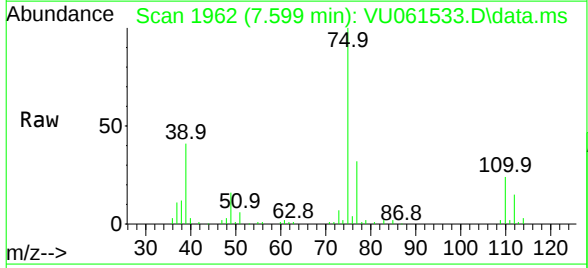




#39
 cis-1,3-Dichloropropene
 Concen: 4.885 ug/L
 RT: 7.599 min Scan# 19
 Delta R.T. -0.003 min
 Lab File: VU061533.D
 Acq: 07 Nov 2024 20:22

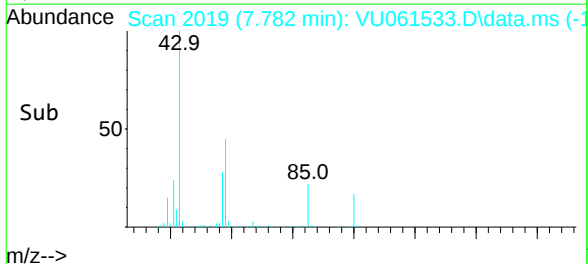
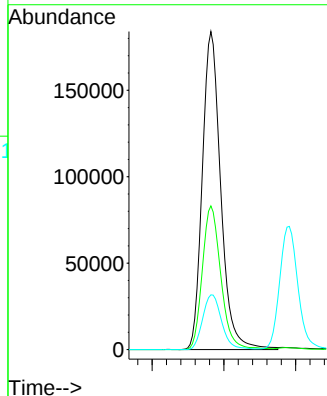
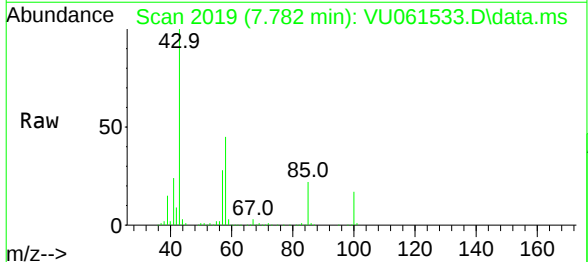
Instrument :
 MSVOA_U
 ClientSampleId :
 H46R4MS

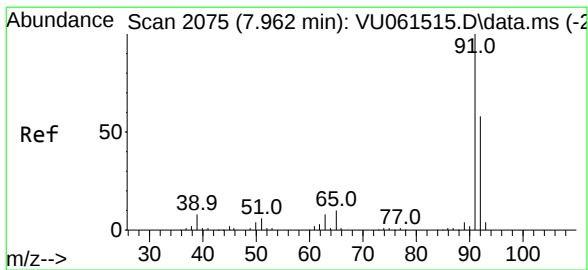
Tgt Ion: 75 Resp: 85535
 Ion Ratio Lower Upper
 75 100
 77 32.1 22.5 41.7



#40
 4-Methyl-2-pentanone
 Concen: 58.190 ug/L
 RT: 7.782 min Scan# 2019
 Delta R.T. 0.000 min
 Lab File: VU061533.D
 Acq: 07 Nov 2024 20:22

Tgt Ion: 43 Resp: 328343
 Ion Ratio Lower Upper
 43 100
 58 45.3 35.1 52.7
 100 17.7 14.0 21.0





#42

Toluene

Concen: 5.190 ug/L

RT: 7.962 min Scan# 2075

Delta R.T. 0.000 min

Lab File: VU061533.D

Acq: 07 Nov 2024 20:22

Instrument :

MSVOA_U

ClientSampleId :

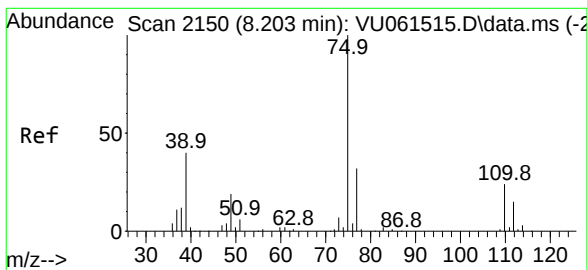
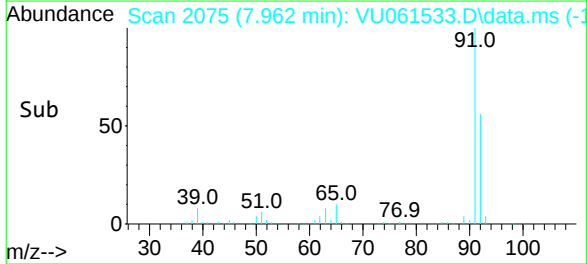
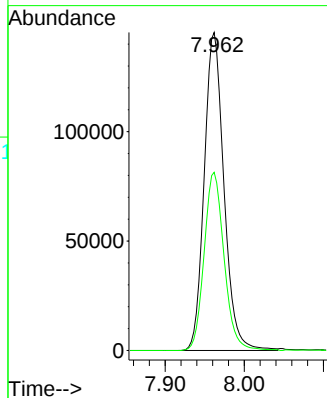
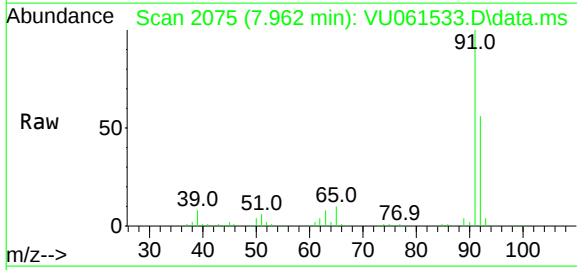
H46R4MS

Tgt Ion: 91 Resp: 252115

Ion Ratio Lower Upper

91 100

92 56.0 40.3 74.8



#44

trans-1,3-Dichloropropene

Concen: 4.858 ug/L

RT: 8.203 min Scan# 2150

Delta R.T. 0.000 min

Lab File: VU061533.D

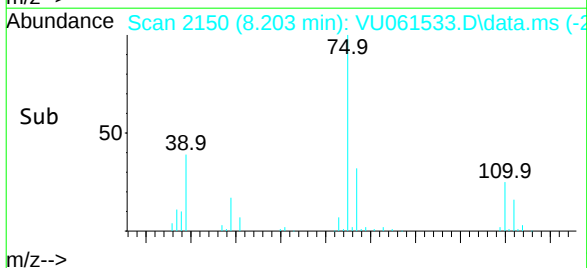
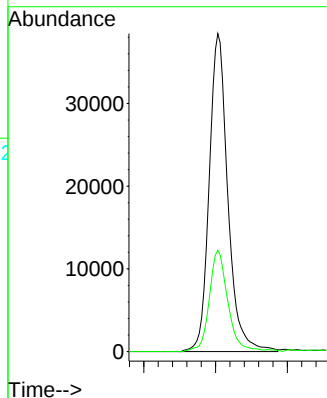
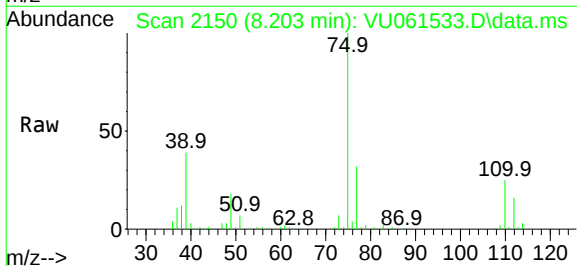
Acq: 07 Nov 2024 20:22

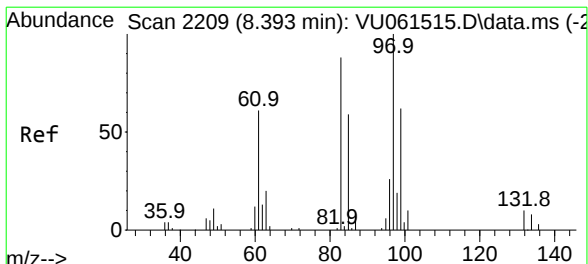
Tgt Ion: 75 Resp: 69318

Ion Ratio Lower Upper

75 100

77 31.8 22.0 40.8

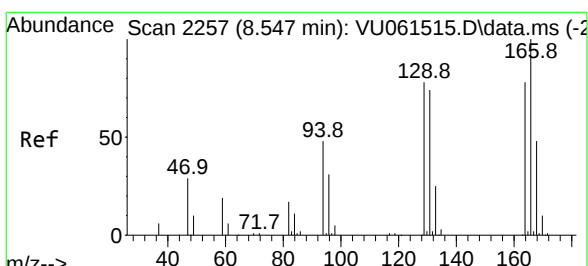
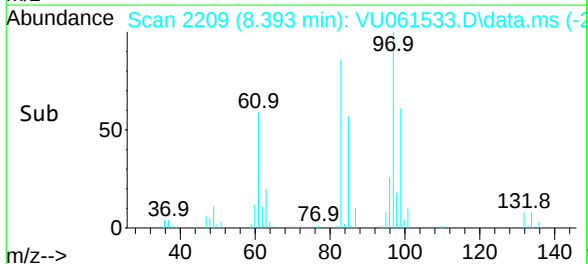
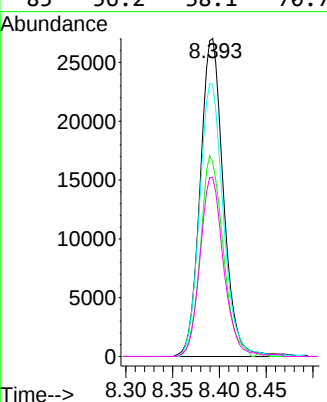
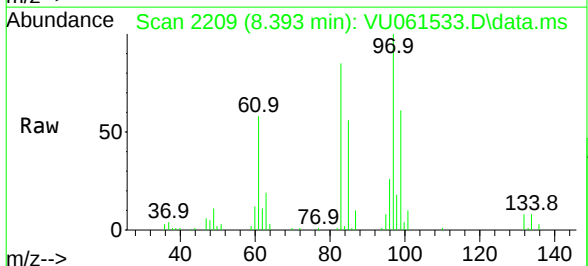




#45
1,1,2-Trichloroethane
Concen: 5.706 ug/L
RT: 8.393 min Scan# 2209
Delta R.T. 0.000 min
Lab File: VU061533.D
Acq: 07 Nov 2024 20:22

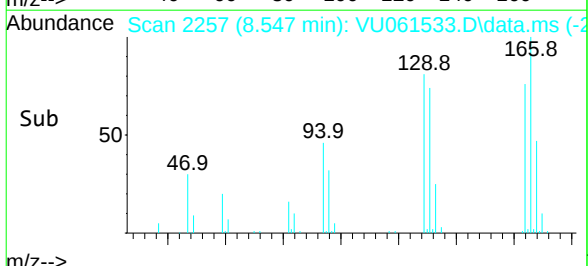
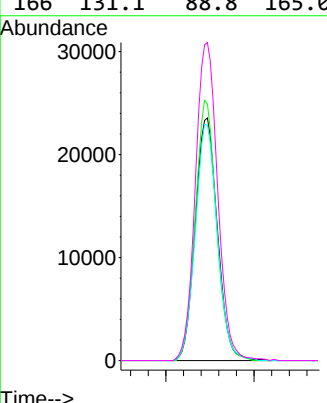
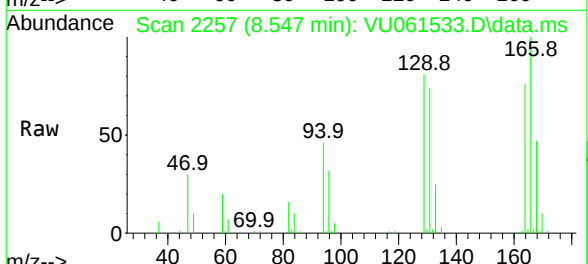
Instrument :
MSVOA_U
ClientSampleId :
H46R4MS

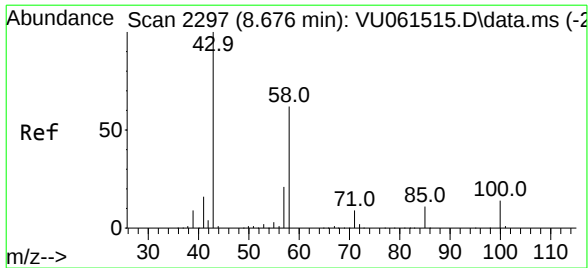
Tgt Ion:	97	Resp:	46551
Ion	Ratio	Lower	Upper
97	100		
99	61.1	44.1	81.9
83	85.4	61.2	113.6
85	56.2	38.1	70.7



#47
Tetrachloroethene
Concen: 4.856 ug/L
RT: 8.547 min Scan# 2257
Delta R.T. 0.000 min
Lab File: VU061533.D
Acq: 07 Nov 2024 20:22

Tgt Ion:	164	Resp:	41264
Ion	Ratio	Lower	Upper
164	100		
129	105.8	69.9	129.7
131	97.1	68.3	126.8
166	131.1	88.8	165.0

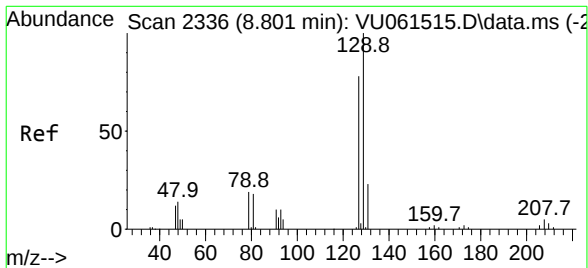
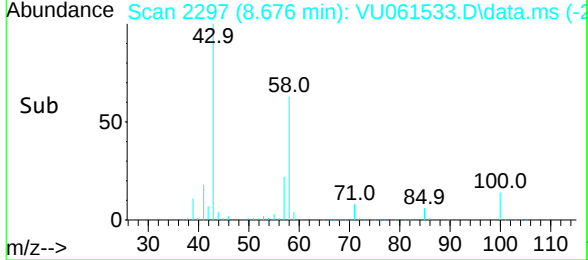
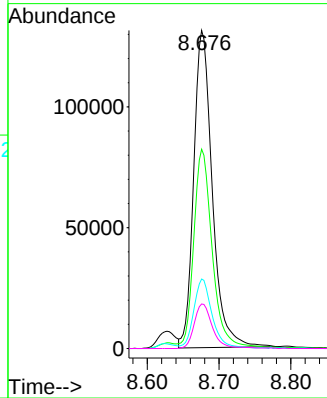
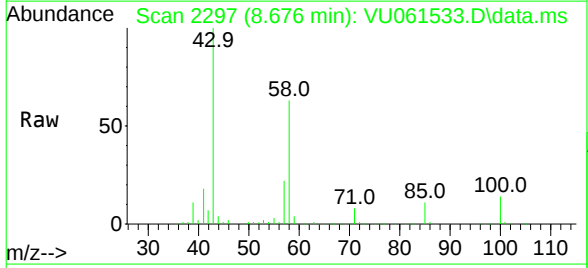




#48
2-Hexanone
Concen: 59.289 ug/L
RT: 8.676 min Scan# 2297
Delta R.T. 0.000 min
Lab File: VU061533.D
Acq: 07 Nov 2024 20:22

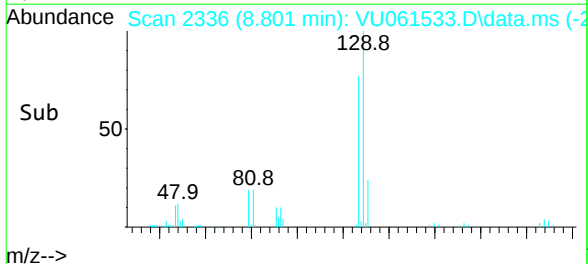
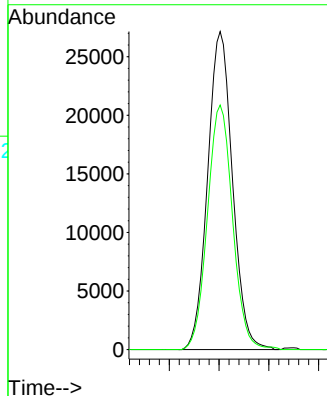
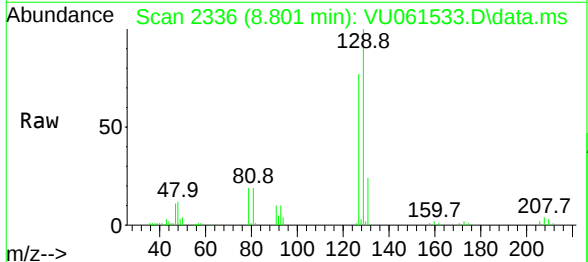
Instrument :
MSVOA_U
ClientSampleId :
H46R4MS

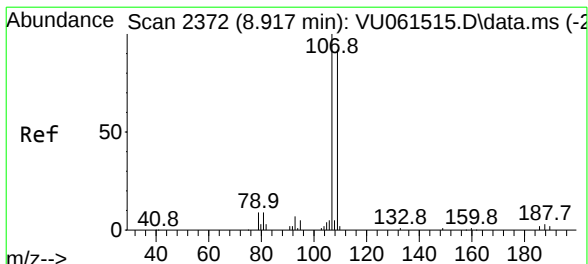
Tgt Ion:	43	Resp:	236574
Ion	Ratio	Lower	Upper
43	100		
58	62.1	48.6	72.8
57	21.3	17.0	25.6
100	13.8	10.4	15.6



#49
Dibromochloromethane
Concen: 5.091 ug/L
RT: 8.801 min Scan# 2336
Delta R.T. 0.000 min
Lab File: VU061533.D
Acq: 07 Nov 2024 20:22

Tgt Ion:	129	Resp:	47116
Ion	Ratio	Lower	Upper
129	100		
127	76.9	51.8	96.2

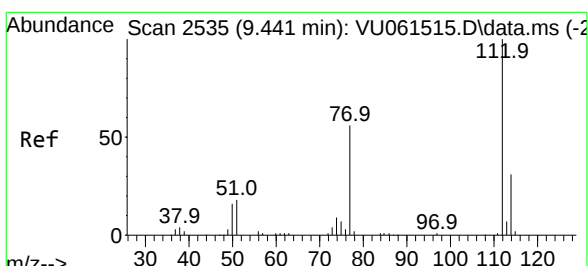
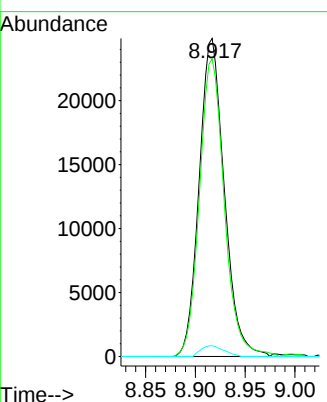
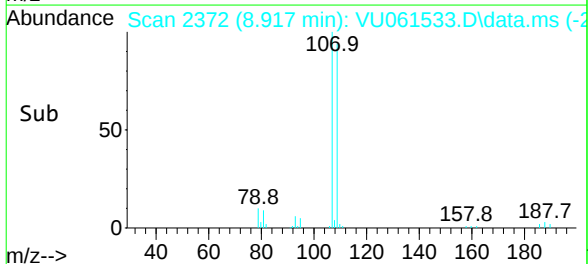
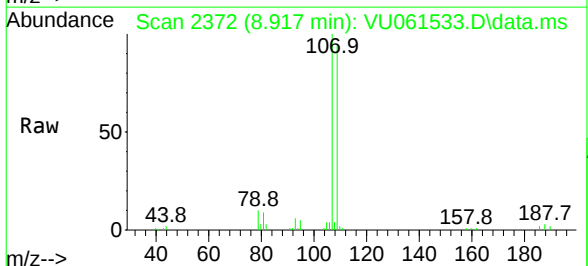




#50
 1,2-Dibromoethane
 Concen: 5.509 ug/L
 RT: 8.917 min Scan# 2372
 Delta R.T. 0.000 min
 Lab File: VU061533.D
 Acq: 07 Nov 2024 20:22

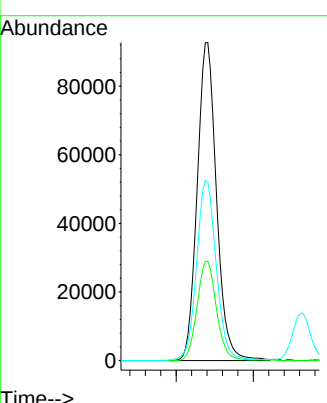
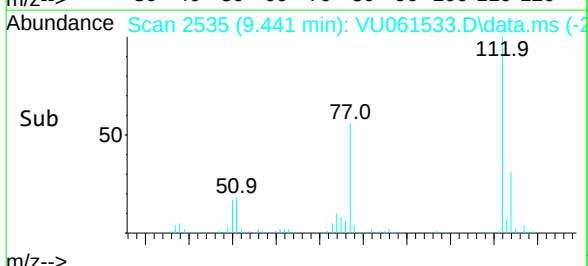
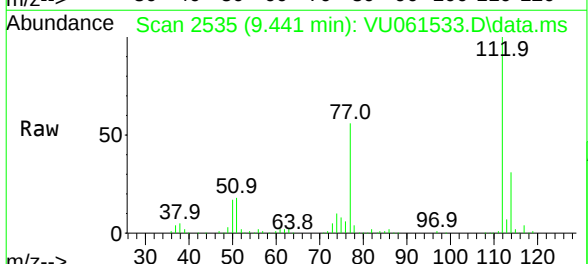
Instrument :
 MSVOA_U
 ClientSampleId :
 H46R4MS

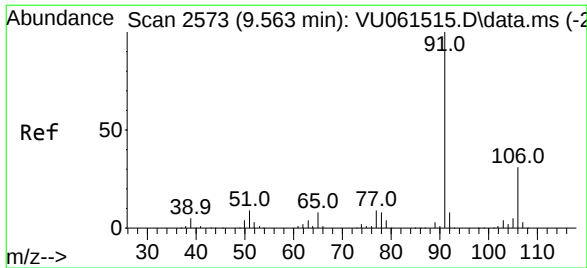
Tgt Ion:	107	Resp:	43665
Ion	Ratio	Lower	Upper
107	100		
109	93.6	63.4	117.8
188	3.4	2.6	3.8



#51
 Chlorobenzene
 Concen: 5.250 ug/L
 RT: 9.441 min Scan# 2535
 Delta R.T. 0.000 min
 Lab File: VU061533.D
 Acq: 07 Nov 2024 20:22

Tgt Ion:	112	Resp:	161195
Ion	Ratio	Lower	Upper
112	100		
114	31.3	22.9	42.5
77	56.1	47.1	70.7

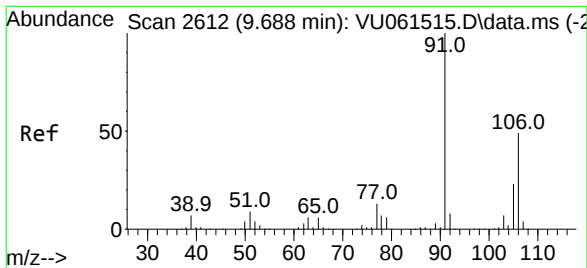
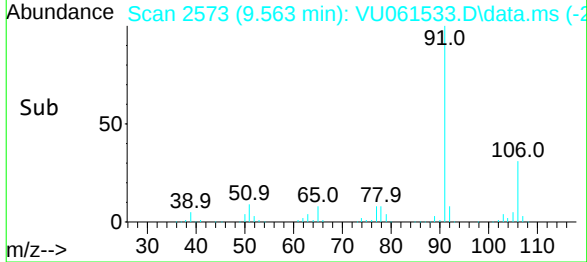
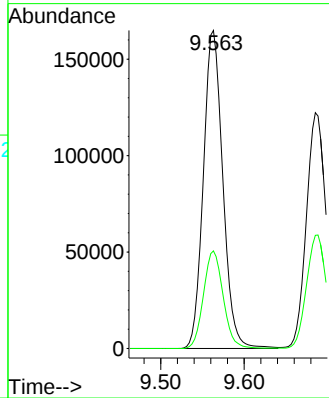
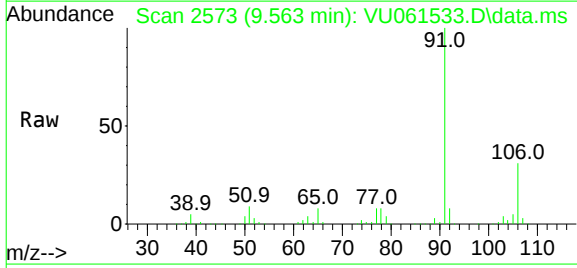




#52
Ethylbenzene
Concen: 5.002 ug/L
RT: 9.563 min Scan# 2573
Delta R.T. 0.000 min
Lab File: VU061533.D
Acq: 07 Nov 2024 20:22

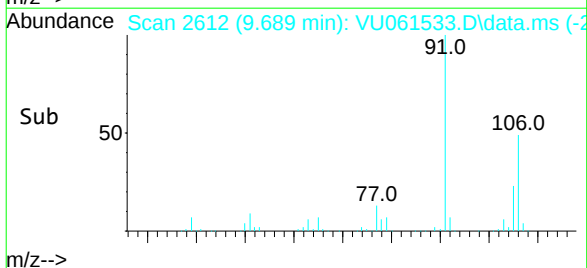
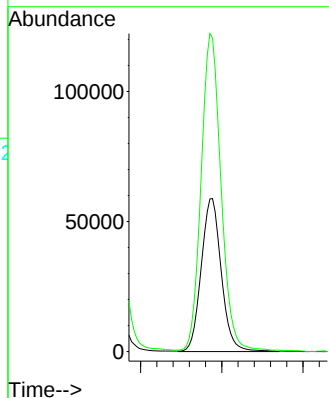
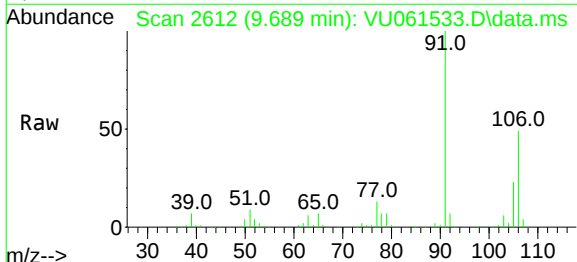
Instrument :
MSVOA_U
ClientSampleId :
H46R4MS

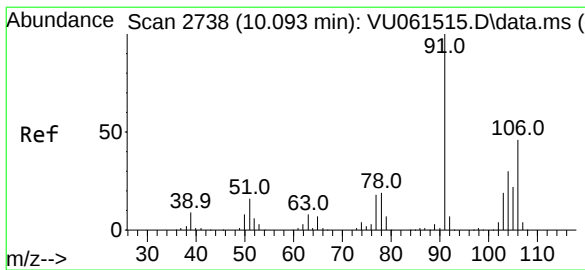
Tgt Ion: 91 Resp: 267231
Ion Ratio Lower Upper
91 100
106 30.7 22.0 41.0



#53
m,p-Xylene
Concen: 4.955 ug/L
RT: 9.689 min Scan# 2612
Delta R.T. 0.000 min
Lab File: VU061533.D
Acq: 07 Nov 2024 20:22

Tgt Ion: 106 Resp: 100849
Ion Ratio Lower Upper
106 100
91 204.8 145.7 270.7





#54

o-Xylene

Concen: 5.017 ug/L

RT: 10.094 min Scan# 2738

Delta R.T. 0.000 min

Lab File: VU061533.D

Acq: 07 Nov 2024 20:22

Instrument :

MSVOA_U

ClientSampleId :

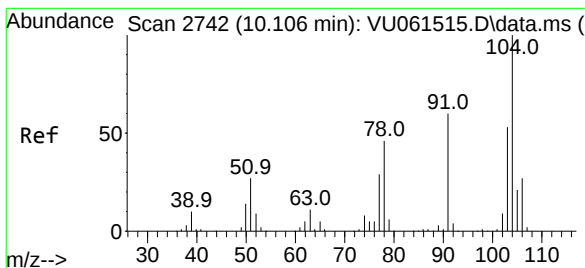
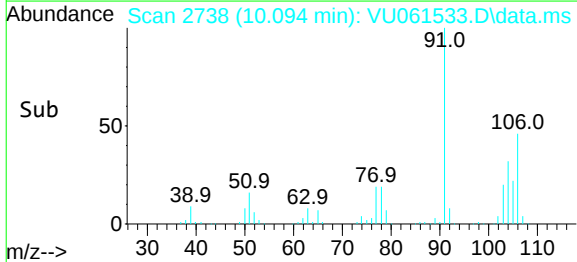
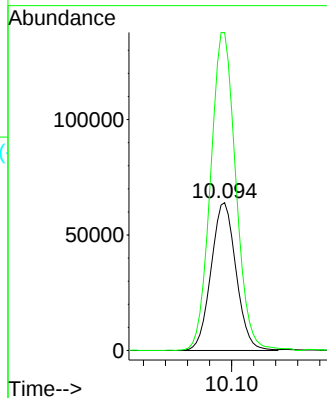
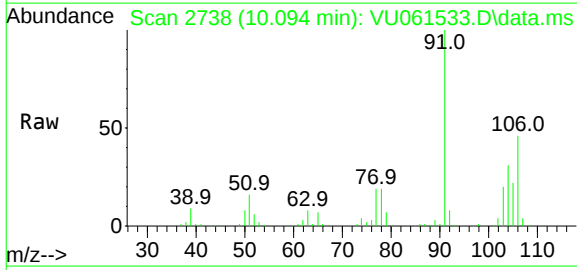
H46R4MS

Tgt Ion:106 Resp: 100794

Ion Ratio Lower Upper

106 100

91 215.2 148.8 276.4



#55

Styrene

Concen: 5.035 ug/L

RT: 10.107 min Scan# 2742

Delta R.T. 0.000 min

Lab File: VU061533.D

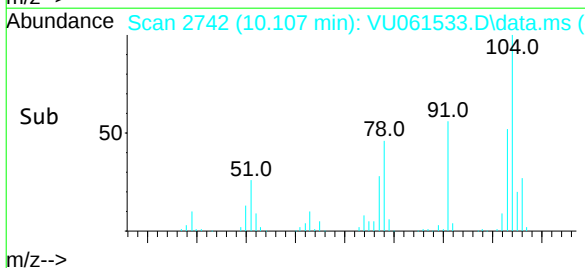
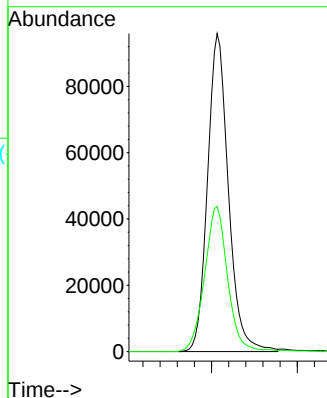
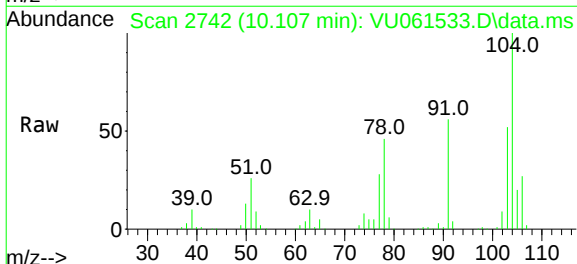
Acq: 07 Nov 2024 20:22

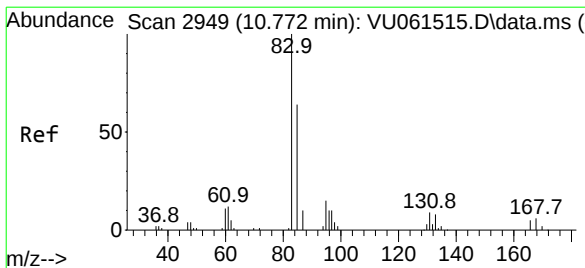
Tgt Ion:104 Resp: 162149

Ion Ratio Lower Upper

104 100

78 45.6 32.3 59.9

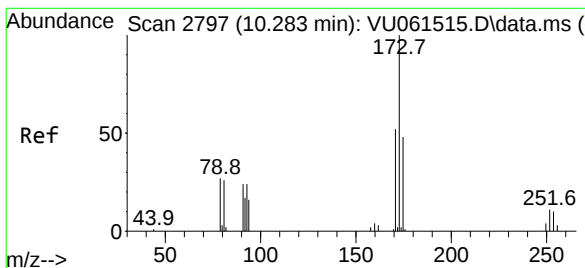
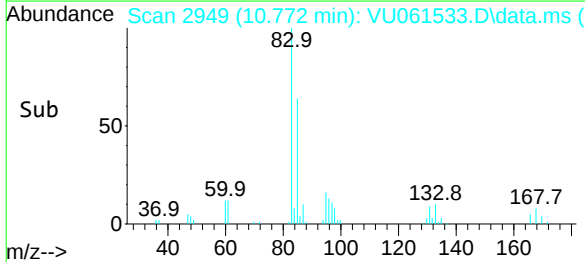
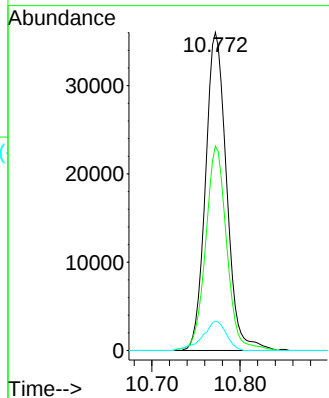
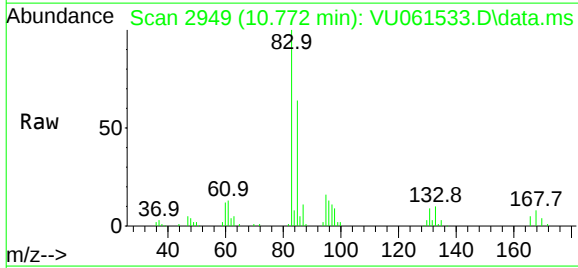




#57
1,1,2,2-Tetrachloroethane
Concen: 6.076 ug/L
RT: 10.772 min Scan# 2949
Delta R.T. 0.000 min
Lab File: VU061533.D
Acq: 07 Nov 2024 20:22

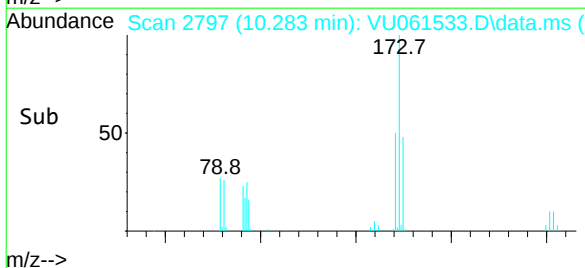
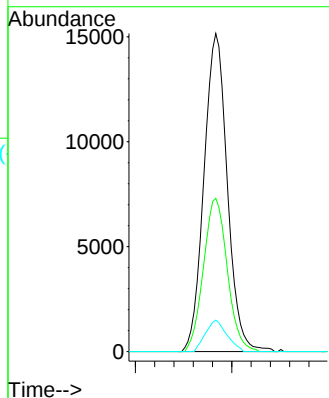
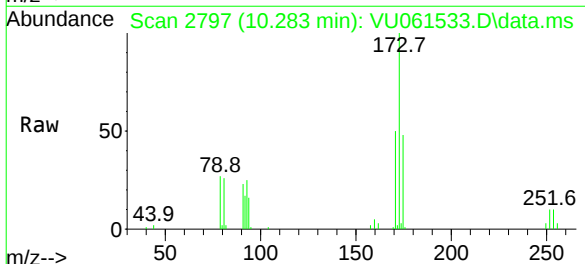
Instrument :
MSVOA_U
ClientSampleId :
H46R4MS

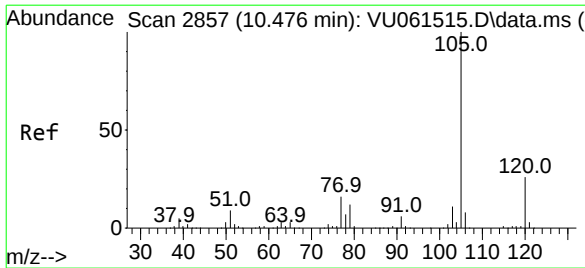
Tgt Ion:	83	Resp:	59731
Ion Ratio	Lower	Upper	
83	100		
85	64.3	45.3	84.1
131	9.2	7.6	11.4



#59
Bromoform
Concen: 4.865 ug/L
RT: 10.283 min Scan# 2797
Delta R.T. 0.000 min
Lab File: VU061533.D
Acq: 07 Nov 2024 20:22

Tgt Ion:	173	Resp:	25506
Ion Ratio	Lower	Upper	
173	100		
175	49.1	39.0	58.4
254	9.0	6.8	10.2





#60

Isopropylbenzene

Concen: 4.891 ug/L

RT: 10.476 min Scan# 2857

Delta R.T. 0.000 min

Lab File: VU061533.D

Acq: 07 Nov 2024 20:22

Instrument :

MSVOA_U

ClientSampleId :

H46R4MS

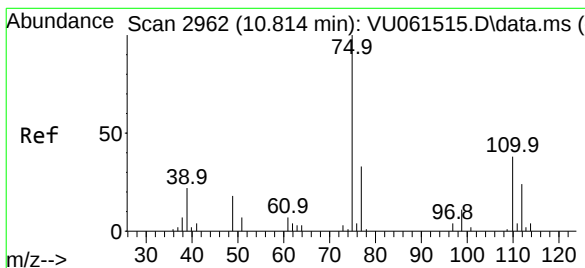
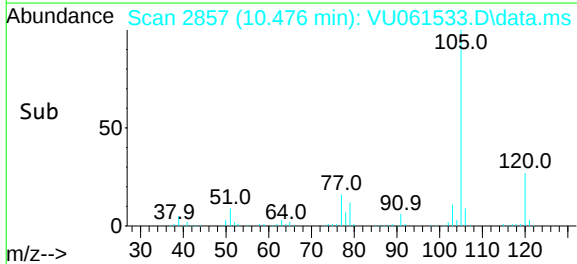
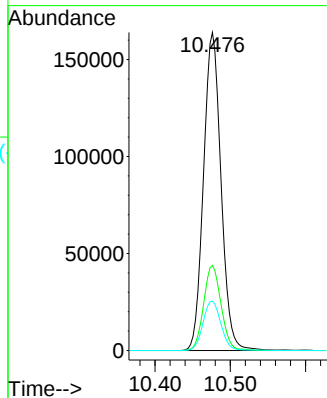
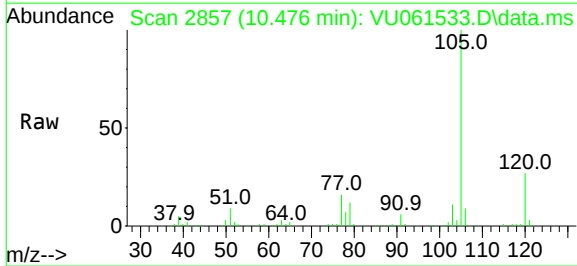
Tgt Ion:105 Resp: 264636

Ion Ratio Lower Upper

105 100

120 26.7 21.2 31.8

77 15.9 12.6 19.0



#61

1,2,3-Trichloropropane

Concen: 5.705 ug/L

RT: 10.814 min Scan# 2962

Delta R.T. 0.000 min

Lab File: VU061533.D

Acq: 07 Nov 2024 20:22

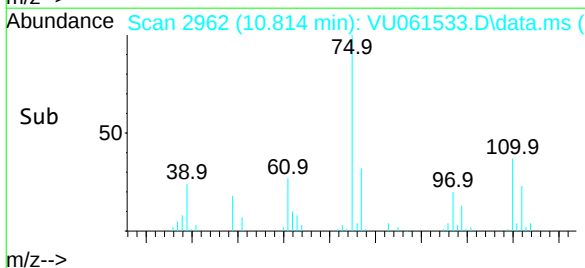
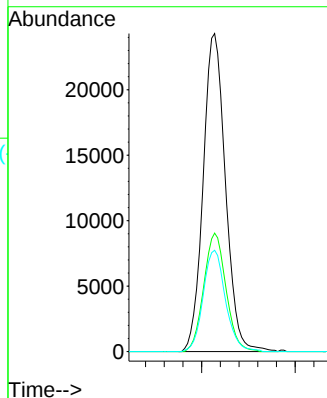
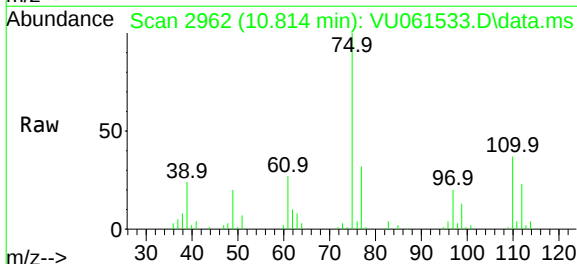
Tgt Ion: 75 Resp: 40256

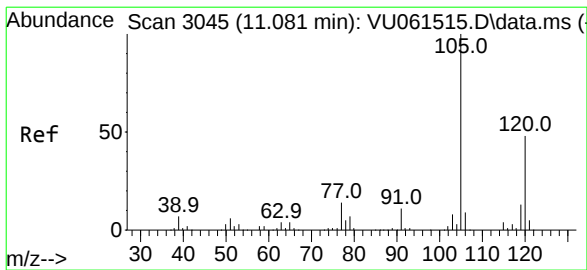
Ion Ratio Lower Upper

75 100

110 37.0 28.8 43.2

77 31.9 25.7 38.5

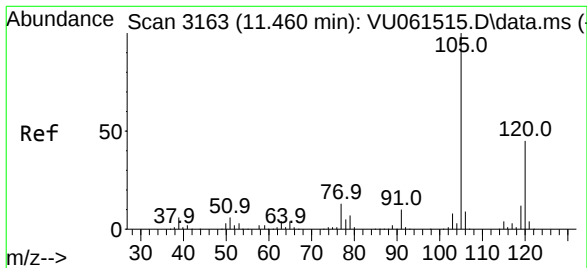
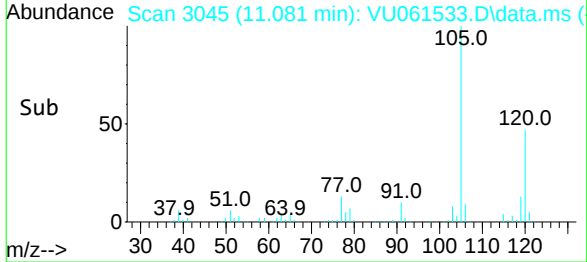
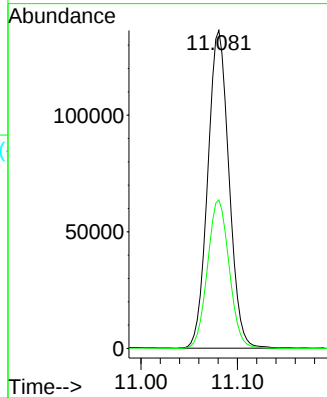
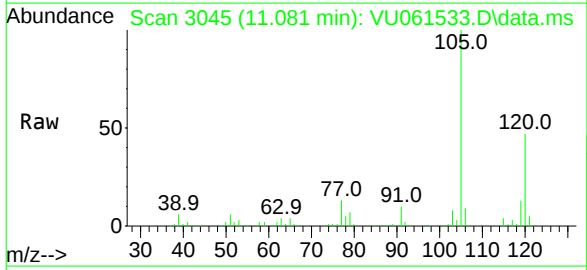




#62
1,3,5-Trimethylbenzene
Concen: 4.732 ug/L
RT: 11.081 min Scan# 3045
Delta R.T. 0.000 min
Lab File: VU061533.D
Acq: 07 Nov 2024 20:22

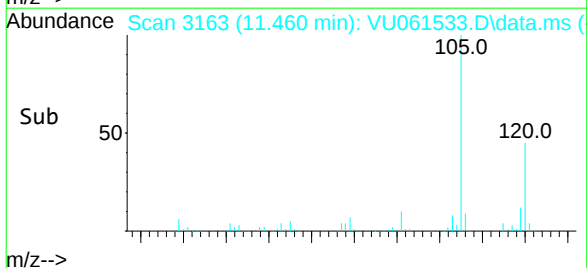
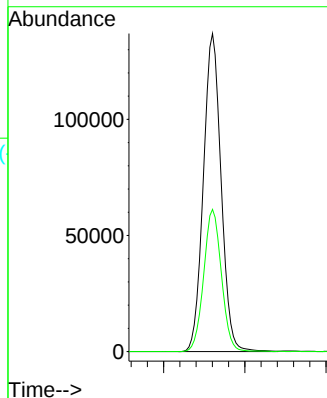
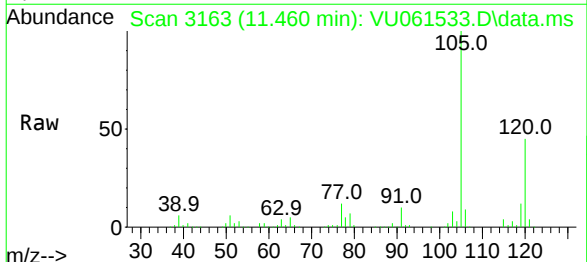
Instrument :
MSVOA_U
ClientSampleId :
H46R4MS

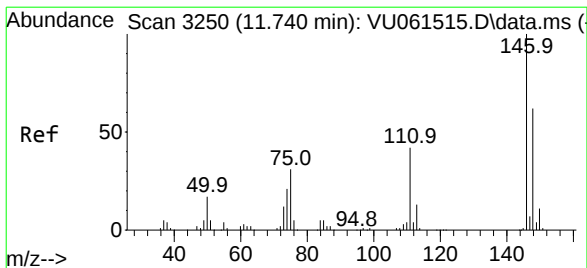
Tgt Ion:105 Resp: 208434
Ion Ratio Lower Upper
105 100
120 47.9 38.7 58.1



#63
1,2,4-Trimethylbenzene
Concen: 4.770 ug/L
RT: 11.460 min Scan# 3163
Delta R.T. 0.000 min
Lab File: VU061533.D
Acq: 07 Nov 2024 20:22

Tgt Ion:105 Resp: 207709
Ion Ratio Lower Upper
105 100
120 44.7 35.4 53.0





#64

1,3-Dichlorobenzene

Concen: 5.253 ug/L

RT: 11.737 min Scan# 32

Delta R.T. -0.003 min

Lab File: VU061533.D

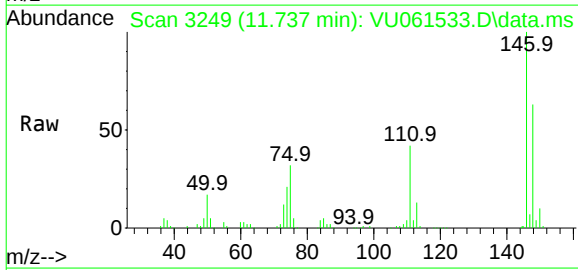
Acq: 07 Nov 2024 20:22

Instrument :

MSVOA_U

ClientSampleId :

H46R4MS



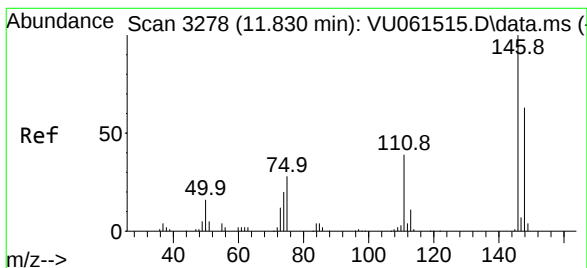
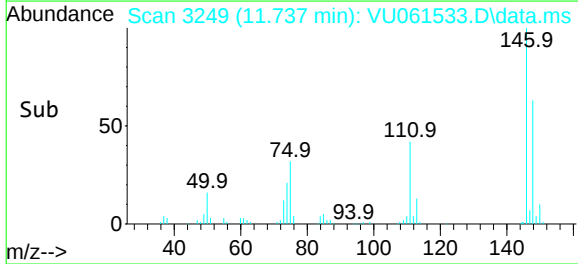
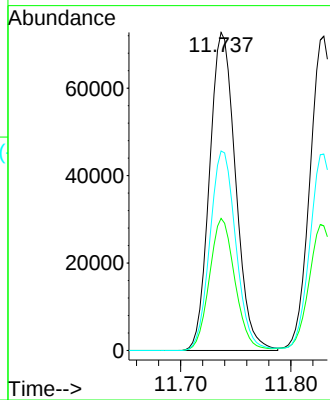
Tgt Ion:146 Resp: 119623

Ion Ratio Lower Upper

146 100

111 41.5 30.0 55.8

148 62.7 45.1 83.7



#65

1,4-Dichlorobenzene

Concen: 5.068 ug/L

RT: 11.830 min Scan# 3278

Delta R.T. 0.000 min

Lab File: VU061533.D

Acq: 07 Nov 2024 20:22

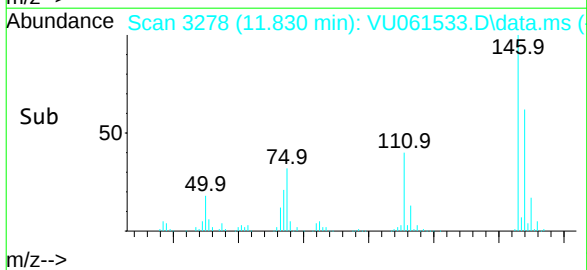
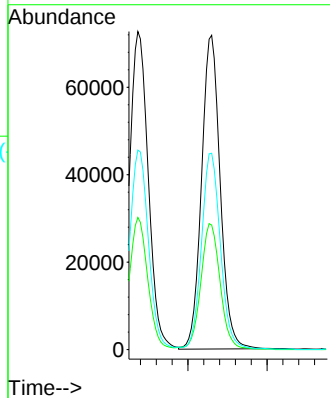
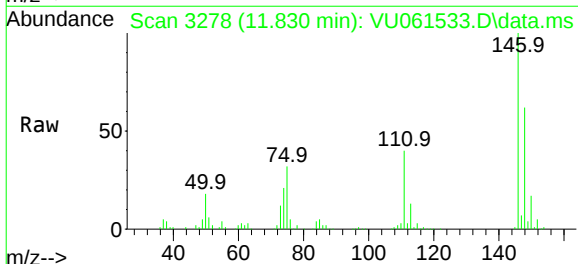
Tgt Ion:146 Resp: 117656

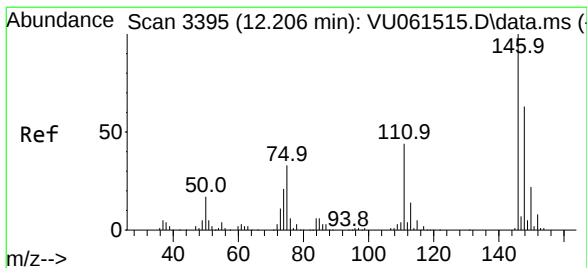
Ion Ratio Lower Upper

146 100

111 39.6 28.2 52.4

148 62.5 43.3 80.3





#67

1,2-Dichlorobenzene

Concen: 5.342 ug/L

RT: 12.203 min Scan# 3395

Delta R.T. -0.003 min

Lab File: VU061533.D

Acq: 07 Nov 2024 20:22

Instrument :

MSVOA_U

ClientSampleId :

H46R4MS

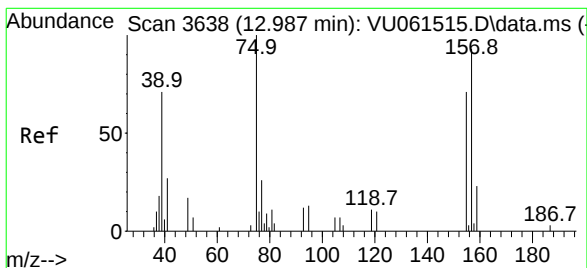
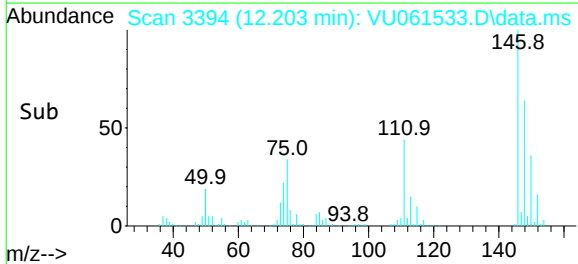
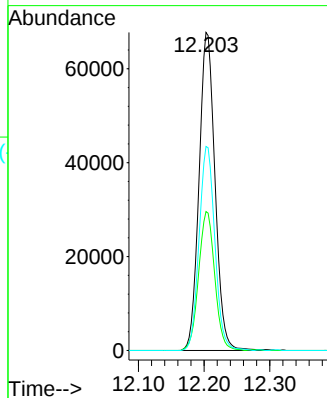
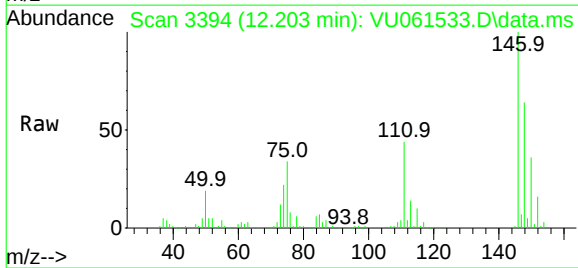
Tgt Ion:146 Resp: 114491

Ion Ratio Lower Upper

146 100

111 43.7 35.2 52.8

148 64.1 51.3 76.9



#68

1,2-Dibromo-3-chloropropane

Concen: 4.842 ug/L

RT: 12.991 min Scan# 3639

Delta R.T. 0.003 min

Lab File: VU061533.D

Acq: 07 Nov 2024 20:22

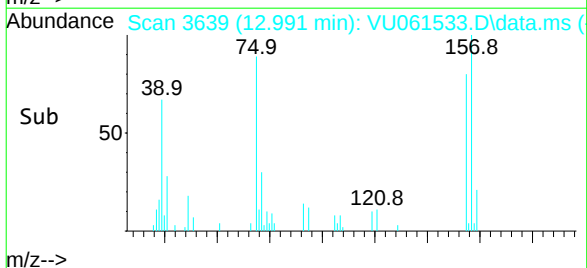
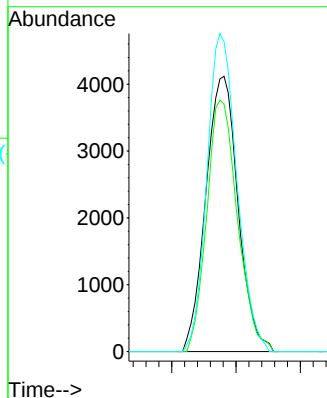
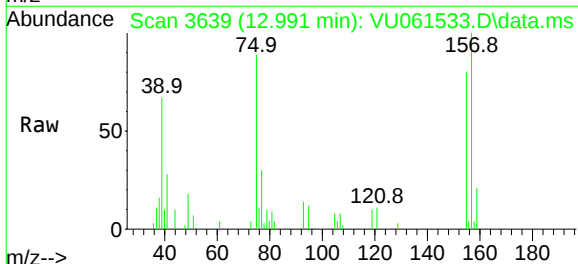
Tgt Ion: 75 Resp: 7173

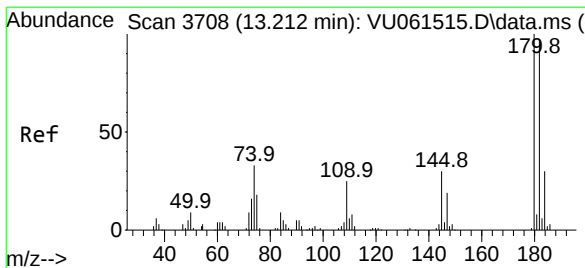
Ion Ratio Lower Upper

75 100

155 89.9 69.3 103.9

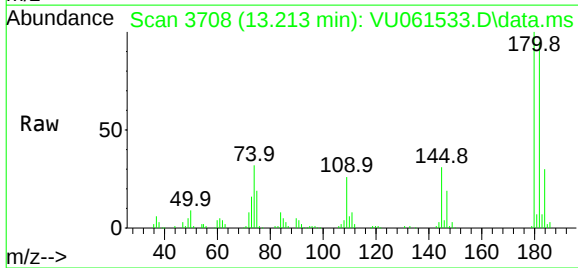
157 112.6 81.4 122.2



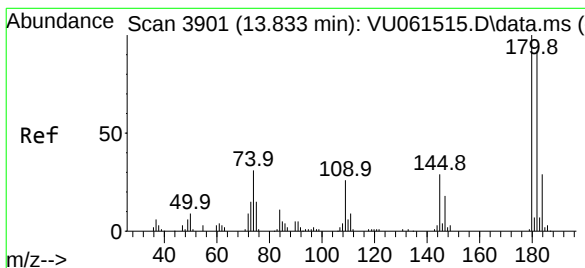
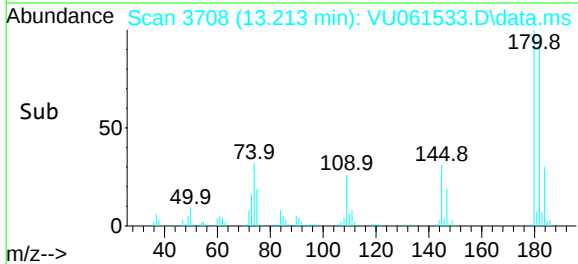
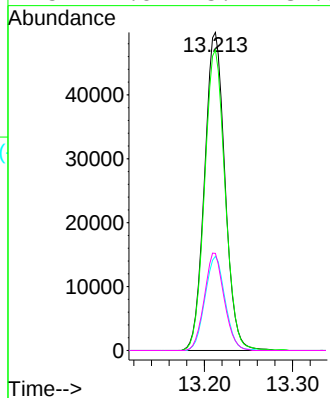


1,3,5-Trichlorobenzene
Concen: 5.116 ug/L
RT: 13.213 min Scan# 3708
Delta R.T. 0.000 min
Lab File: VU061533.D
Acq: 07 Nov 2024 20:22

Instrument :
MSVOA_U
ClientSampleId :
H46R4MS

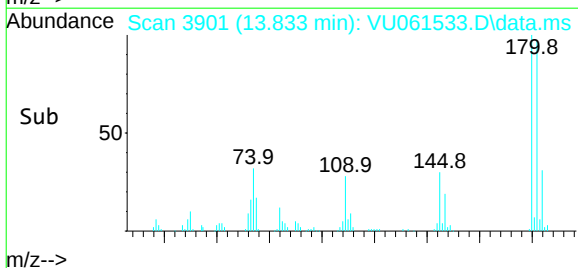
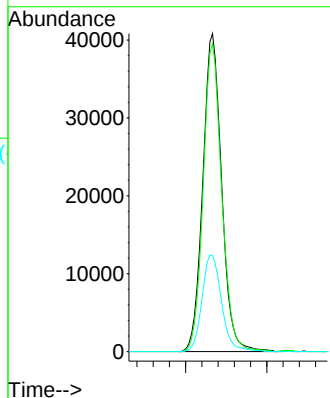
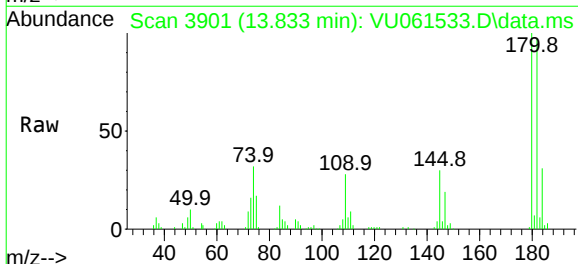


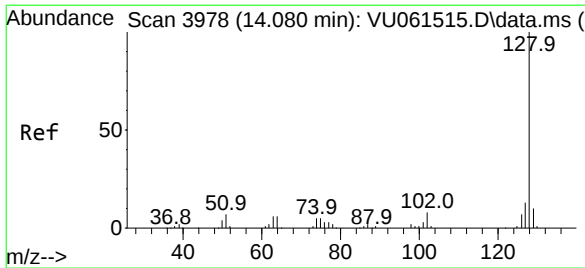
Tgt Ion:	180	Resp:	79865
Ion Ratio	Lower	Upper	
180	100		
182	95.2	77.4	116.2
184	29.2	24.4	36.6
145	29.8	25.2	37.8



1,2,4-trichlorobenzene
Concen: 5.223 ug/L
RT: 13.833 min Scan# 3901
Delta R.T. 0.000 min
Lab File: VU061533.D
Acq: 07 Nov 2024 20:22

Tgt Ion:	180	Resp:	65792
Ion Ratio	Lower	Upper	
180	100		
182	95.2	77.2	115.8
145	31.4	25.6	38.4





#71

Naphthalene

Concen: 5.683 ug/L

RT: 14.081 min Scan# 39

Delta R.T. 0.000 min

Lab File: VU061533.D

Acq: 07 Nov 2024 20:22

Instrument :

MSVOA_U

ClientSampleId :

H46R4MS

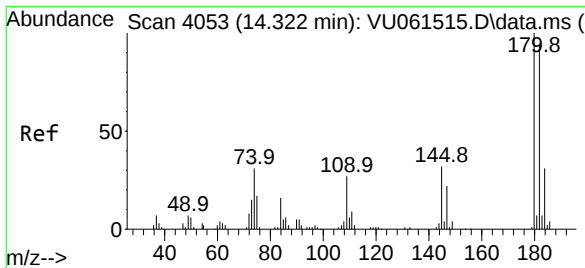
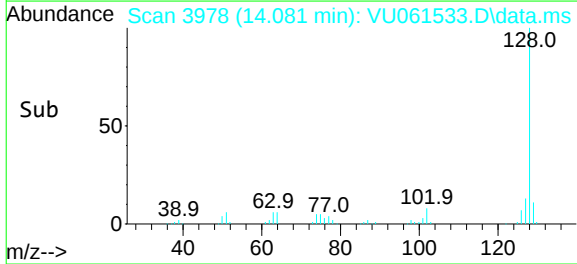
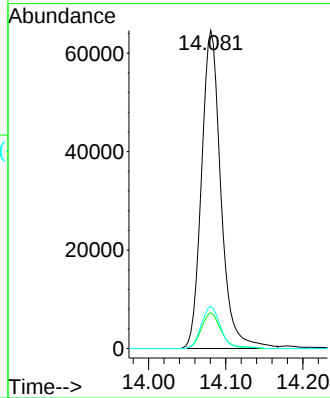
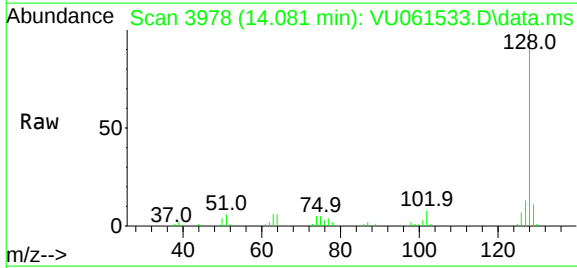
Tgt Ion:128 Resp: 112961

Ion Ratio Lower Upper

128 100

129 11.2 9.0 13.4

127 13.3 10.0 15.0



#72

1,2,3-Trichlorobenzene

Concen: 5.682 ug/L

RT: 14.322 min Scan# 4053

Delta R.T. 0.000 min

Lab File: VU061533.D

Acq: 07 Nov 2024 20:22

Tgt Ion:180 Resp: 59882

Ion Ratio Lower Upper

180 100

182 97.1 76.0 114.0

145 32.4 26.5 39.7

