

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU110524\
 Data File : VU061464.D
 Acq On : 05 Nov 2024 19:52
 Operator : MD/SY
 Sample : P4689-09MS
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0CD2MS

Quant Time: Nov 06 00:05:44 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR102324WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Nov 05 23:59:28 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	150916	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.409	117	141757	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	69547	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	50900	4.965	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	99.400%
7) Chloroethane-d5	1.908	69	53172	5.658	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	113.200%
11) 1,1-Dichloroethene-d2	2.560	65	22322	5.089	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	101.800%
20) 2-Butanone-d5	4.624	46	114242	54.887	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	109.780%
24) Chloroform-d	5.052	84	103260	5.306	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	106.200%
26) 1,2-Dichloroethane-d4	5.695	65	51449	5.304	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	106.000%
32) Benzene-d6	5.718	84	211300	5.290	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	105.800%
36) 1,2-Dichloropropane-d6	6.682	67	61959	5.160	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	103.200%
41) Toluene-d8	7.891	98	195383	5.231	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	104.600%
43) trans-1,3-Dichloroprop...	8.174	79	22695	4.630	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	92.600%
46) 2-Hexanone-d5	8.624	63	103141	51.373	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	102.740%
56) 1,1,2,2-Tetrachloroeth...	10.746	84	50758	5.589	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	111.800%
66) 1,2-Dichlorobenzene-d4	12.187	152	66315	5.385	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	107.600%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.383	85	48444	4.815	ug/L	99
3) Chloromethane	1.518	50	46240	4.358	ug/L	99
5) Vinyl chloride	1.599	62	54629	4.683	ug/L	99
6) Bromomethane	1.853	94	36165	4.679	ug/L	100
8) Chloroethane	1.930	64	45472	5.294	ug/L	97
9) Trichlorofluoromethane	2.133	101	79894	5.043	ug/L	97
10) 1,1,2-Trichloro-1,2,2-...	2.576	101	48426	5.147	ug/L	98
12) 1,1-Dichloroethene	2.573	96	43311	4.854	ug/L	97
13) Acetone	2.637	43	71907	54.545	ug/L	96
14) Carbon disulfide	2.788	76	118371	3.976	ug/L	100
15) Methyl Acetate	2.952	43	14237	4.361	ug/L	98
16) Methylene chloride	3.039	84	54244	5.159	ug/L	98
17) Methyl tert-butyl Ether	3.354	73	121428	5.021	ug/L	100
18) trans-1,2-Dichloroethene	3.348	96	48229	4.888	ug/L	95
19) 1,1-Dichloroethane	3.859	63	95900	5.154	ug/L	98
21) 2-Butanone	4.702	43	117170	56.064	ug/L	98
22) cis-1,2-Dichloroethene	4.660	96	57892	5.137	ug/L	98
23) Bromochloromethane	4.965	128	25934	5.469	ug/L	94
25) Chloroform	5.078	83	104311	5.331	ug/L	97

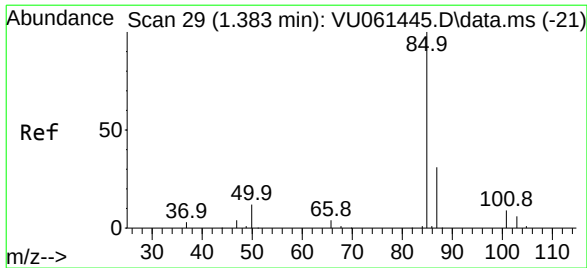
Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU110524\
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.785	62	64565	5.222	ug/L	96
29) 1,1,1-Trichloroethane	5.306	97	84585	4.873	ug/L	98
30) Cyclohexane	5.380	56	76698	4.405	ug/L	98
31) Carbon tetrachloride	5.515	117	70038	4.715	ug/L	96
33) Benzene	5.766	78	221261	5.047	ug/L	100
34) Trichloroethene	6.534	95	57496	4.821	ug/L	99
35) Methylcyclohexane	6.753	83	81409	4.289	ug/L	98
37) 1,2-Dichloropropane	6.782	63	58574	5.271	ug/L	100
38) Bromodichloromethane	7.097	83	70318	5.000	ug/L	97
39) cis-1,3-Dichloropropene	7.599	75	82018	4.779	ug/L	98
40) 4-Methyl-2-pentanone	7.782	43	297913	53.866	ug/L	99
42) Toluene	7.962	91	243319	5.111	ug/L	99
44) trans-1,3-Dichloropropene	8.203	75	67018	4.792	ug/L	100
45) 1,1,2-Trichloroethane	8.393	97	44299	5.539	ug/L	98
47) Tetrachloroethene	8.547	164	44110	5.296	ug/L	98
48) 2-Hexanone	8.676	43	214904	54.949	ug/L	100
49) Dibromochloromethane	8.801	129	45266	4.991	ug/L	97
50) 1,2-Dibromoethane	8.917	107	40780	5.249	ug/L	98
51) Chlorobenzene	9.438	112	156025	5.185	ug/L	97
52) Ethylbenzene	9.563	91	258284	4.932	ug/L	100
53) m,p-Xylene	9.685	106	98368	4.931	ug/L	94
54) o-Xylene	10.094	106	98262	4.990	ug/L	100
55) Styrene	10.107	104	157085	4.977	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.772	83	53987	5.602	ug/L	97
59) Bromoform	10.283	173	23239	4.514	ug/L	99
60) Isopropylbenzene	10.476	105	253244	4.767	ug/L	100
61) 1,2,3-Trichloropropane	10.814	75	37151	5.363	ug/L	99
62) 1,3,5-Trimethylbenzene	11.081	105	197991	4.578	ug/L	100
63) 1,2,4-Trimethylbenzene	11.460	105	193106	4.517	ug/L	100
64) 1,3-Dichlorobenzene	11.737	146	112667	5.039	ug/L	99
65) 1,4-Dichlorobenzene	11.827	146	112746	4.946	ug/L	99
67) 1,2-Dichlorobenzene	12.203	146	108132	5.138	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.991	75	7111	4.888	ug/L	92
69) 1,3,5-Trichlorobenzene	13.213	180	76703	5.004	ug/L	99
70) 1,2,4-trichlorobenzene	13.833	180	62511	5.054	ug/L	97
71) Naphthalene	14.081	128	92520	4.740	ug/L	99
72) 1,2,3-Trichlorobenzene	14.322	180	53315	5.152	ug/L	99

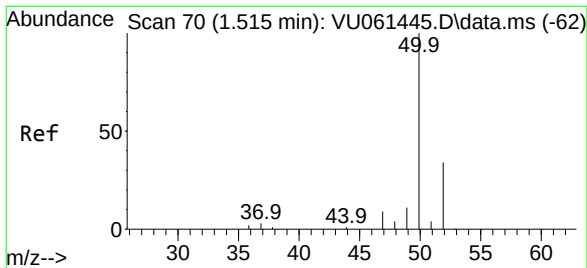
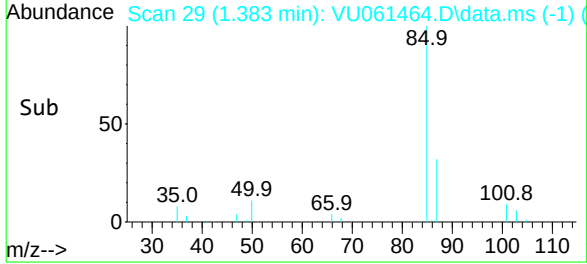
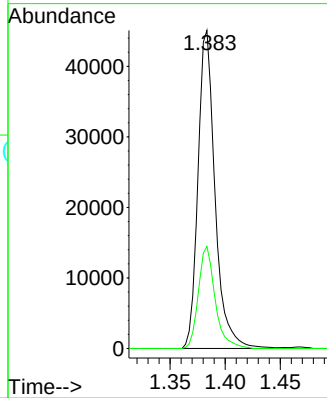
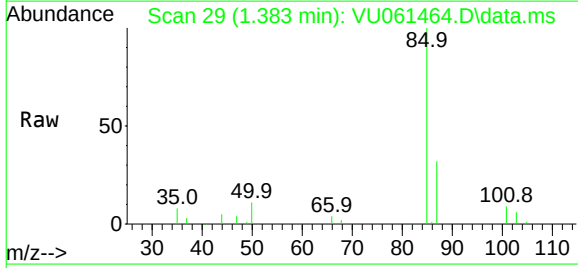
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#2
Dichlorodifluoromethane
Concen: 4.815 ug/L
RT: 1.383 min Scan# 29
Delta R.T. 0.000 min
Lab File: VU061464.D
Acq: 05 Nov 2024 19:52

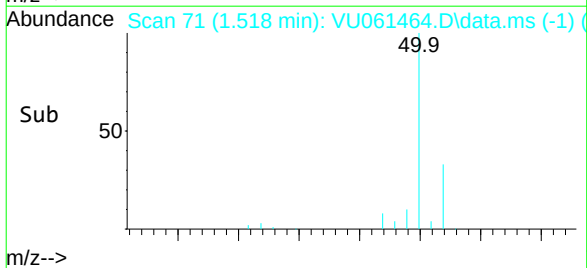
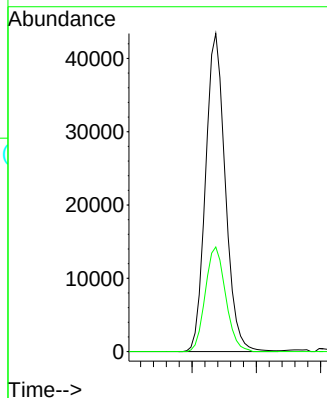
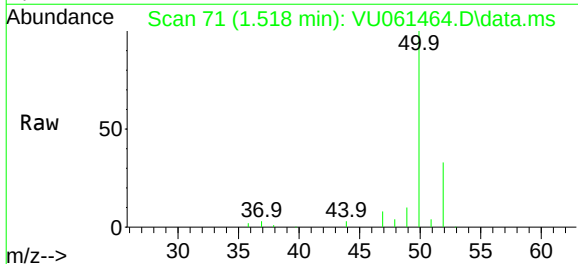
Instrument :
MSVOA_U
ClientSampleId :
C0CD2MS

Tgt Ion: 85 Resp: 48444
Ion Ratio Lower Upper
85 100
87 31.6 25.7 38.5

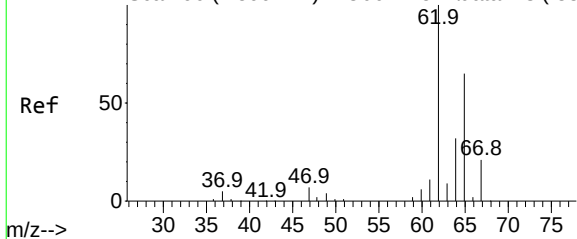


#3
Chloromethane
Concen: 4.358 ug/L
RT: 1.518 min Scan# 71
Delta R.T. 0.003 min
Lab File: VU061464.D
Acq: 05 Nov 2024 19:52

Tgt Ion: 50 Resp: 46240
Ion Ratio Lower Upper
50 100
52 32.9 23.4 43.4



Abundance Scan 96 (1.599 min): VU061445.D\data.ms (-88)



#5

Vinyl chloride

Concen: 4.683 ug/L

RT: 1.599 min Scan# 96

Delta R.T. 0.000 min

Lab File: VU061464.D

Acq: 05 Nov 2024 19:52

Instrument :

MSVOA_U

ClientSampleId :

C0CD2MS

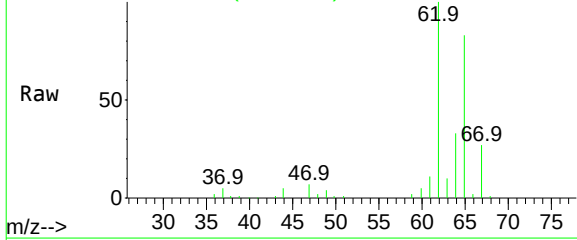
Tgt Ion: 62 Resp: 54629

Ion Ratio Lower Upper

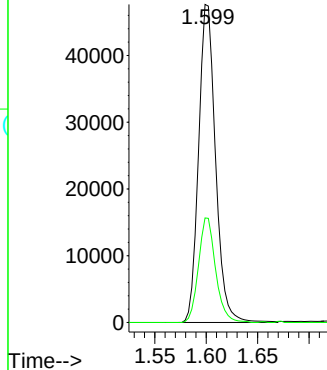
62 100

64 32.9 22.6 42.0

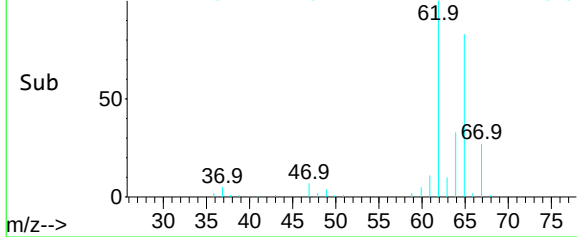
Abundance Scan 96 (1.599 min): VU061464.D\data.ms



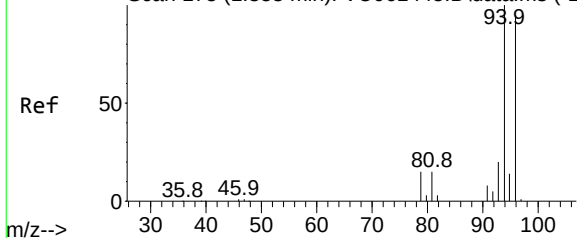
Abundance



Abundance Scan 96 (1.599 min): VU061464.D\data.ms (-3)



Abundance Scan 175 (1.853 min): VU061445.D\data.ms (-16)



#6

Bromomethane

Concen: 4.679 ug/L

RT: 1.853 min Scan# 175

Delta R.T. 0.000 min

Lab File: VU061464.D

Acq: 05 Nov 2024 19:52

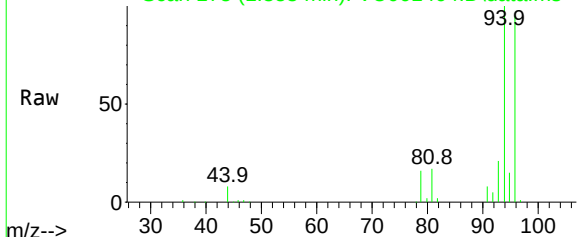
Tgt Ion: 94 Resp: 36165

Ion Ratio Lower Upper

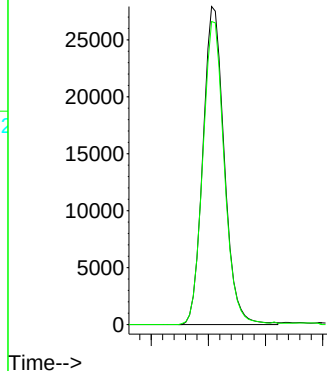
94 100

96 95.3 66.9 124.3

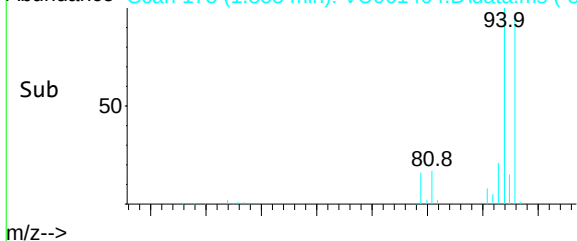
Abundance Scan 175 (1.853 min): VU061464.D\data.ms

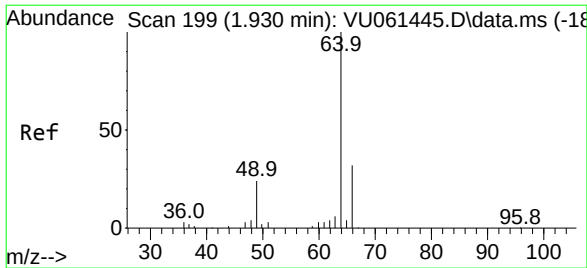


Abundance



Abundance Scan 175 (1.853 min): VU061464.D\data.ms (-82)

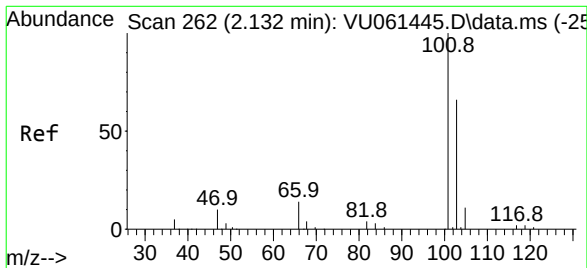
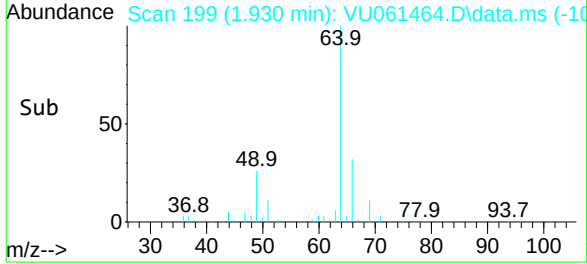
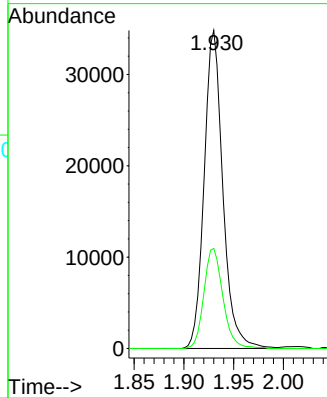
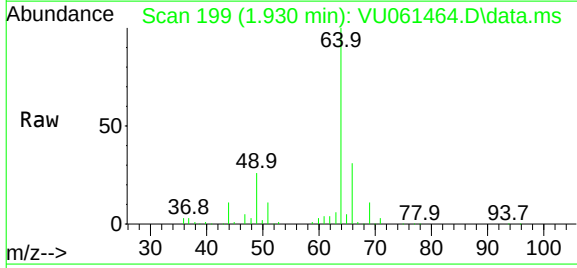




#8
Chloroethane
Concen: 5.294 ug/L
RT: 1.930 min Scan# 199
Delta R.T. 0.000 min
Lab File: VU061464.D
Acq: 05 Nov 2024 19:52

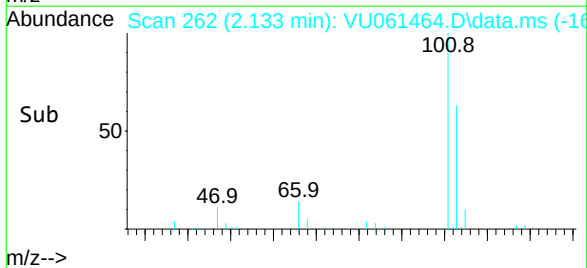
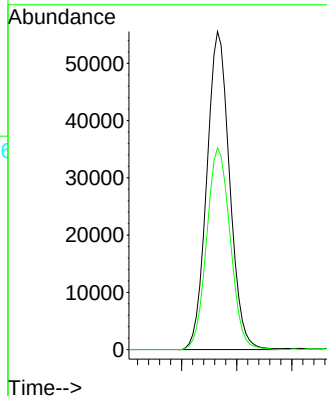
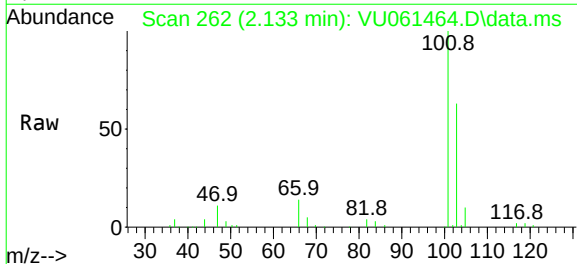
Instrument :
MSVOA_U
ClientSampleId :
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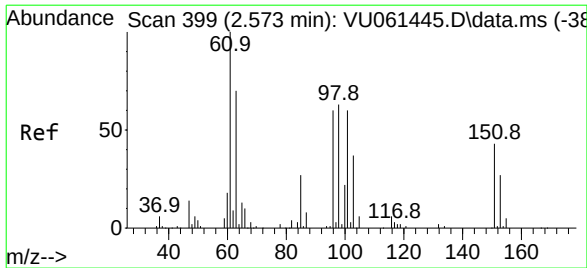
Tgt Ion: 64 Resp: 45472
Ion Ratio Lower Upper
64 100
66 31.5 23.1 42.9



#9
Trichlorofluoromethane
Concen: 5.043 ug/L
RT: 2.133 min Scan# 262
Delta R.T. 0.000 min
Lab File: VU061464.D
Acq: 05 Nov 2024 19:52

Tgt Ion: 101 Resp: 79894
Ion Ratio Lower Upper
101 100
103 65.3 50.6 75.8

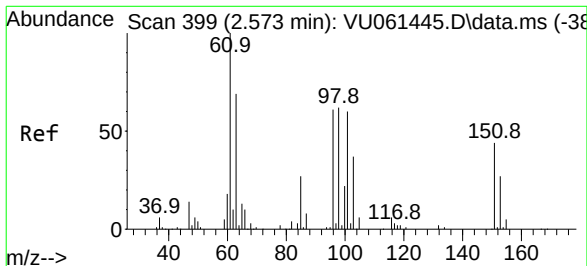
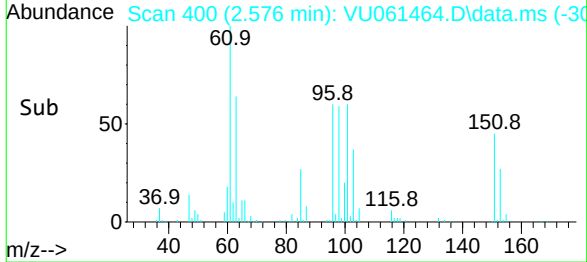
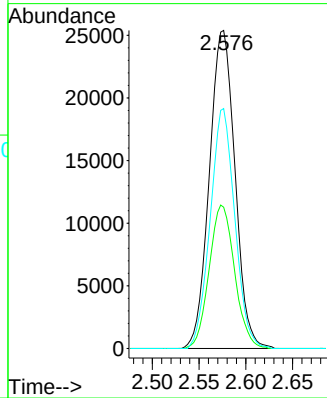
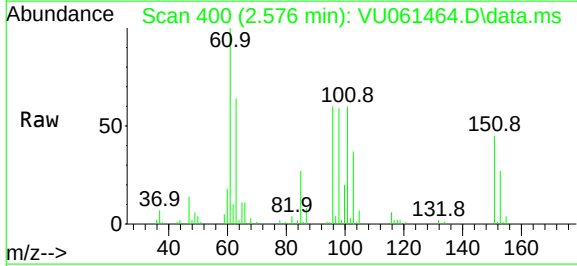




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 5.147 ug/L
RT: 2.576 min Scan# 40
Delta R.T. 0.003 min
Lab File: VU061464.D
Acq: 05 Nov 2024 19:52

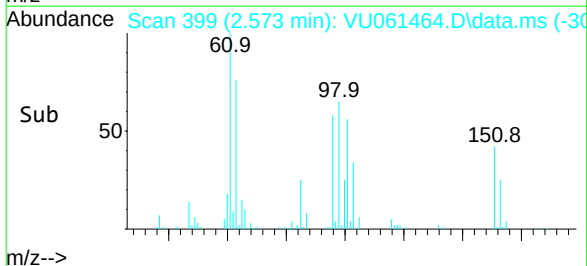
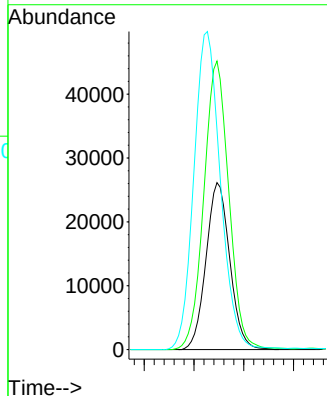
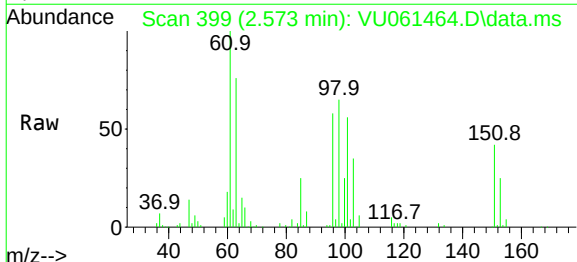
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ClientSampleId :
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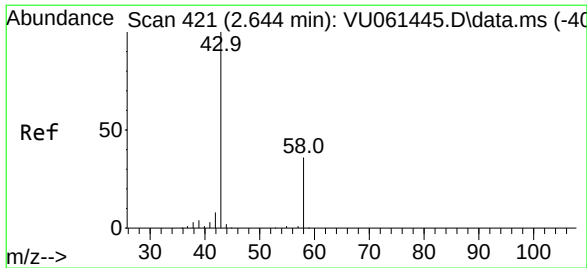
Tgt Ion: 101 Resp: 48426
Ion Ratio Lower Upper
101 100
85 44.7 35.6 53.4
151 72.5 55.9 83.9



#12
1,1-Dichloroethene
Concen: 4.854 ug/L
RT: 2.573 min Scan# 399
Delta R.T. 0.000 min
Lab File: VU061464.D
Acq: 05 Nov 2024 19:52

Tgt Ion: 96 Resp: 43311
Ion Ratio Lower Upper
96 100
61 172.8 119.1 221.1
63 131.7 89.4 166.0





#13

Acetone

Concen: 54.545 ug/L

RT: 2.637 min Scan# 419

Delta R.T. -0.006 min

Lab File: VU061464.D

Acq: 05 Nov 2024 19:52

Instrument :

MSVOA_U

ClientSampleId :

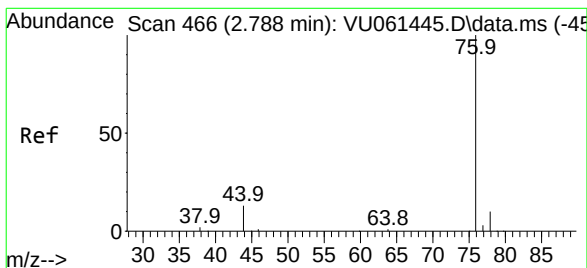
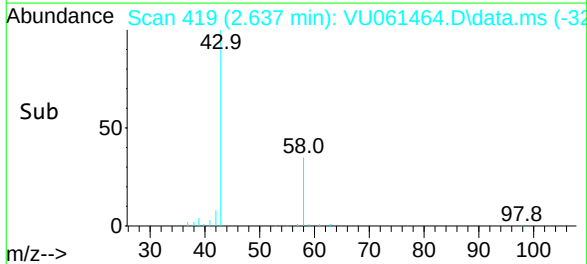
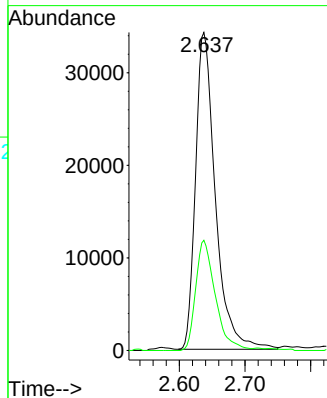
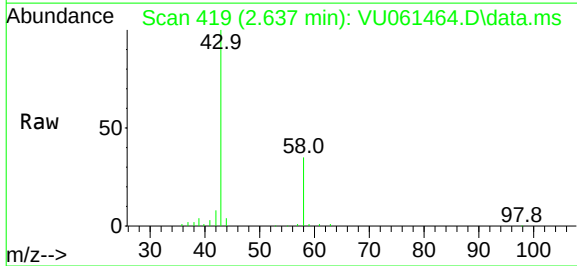
C0CD2MS

Tgt Ion: 43 Resp: 71907

Ion Ratio Lower Upper

43 100

58 34.3 0.0 73.2



#14

Carbon disulfide

Concen: 3.976 ug/L

RT: 2.788 min Scan# 466

Delta R.T. 0.000 min

Lab File: VU061464.D

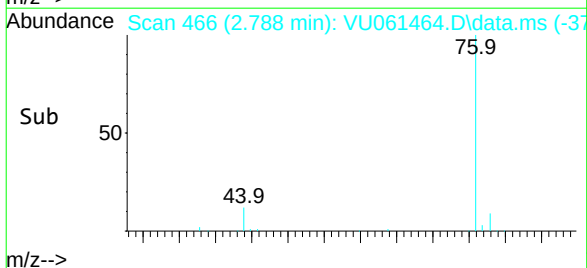
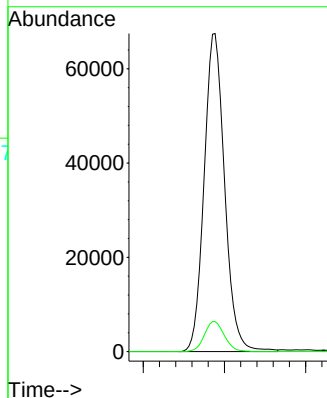
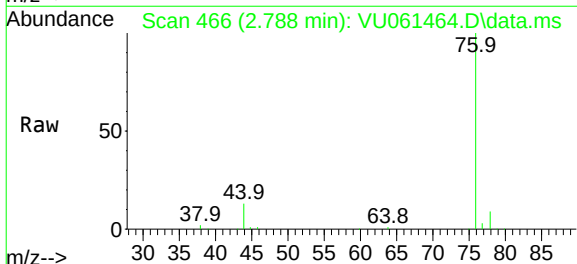
Acq: 05 Nov 2024 19:52

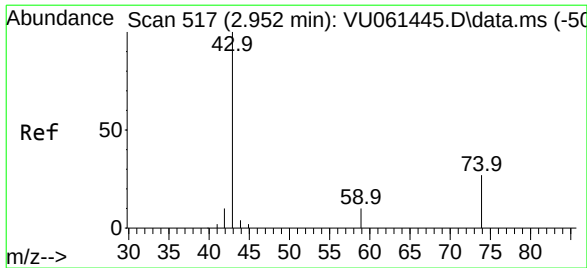
Tgt Ion: 76 Resp: 118371

Ion Ratio Lower Upper

76 100

78 9.4 7.4 11.2

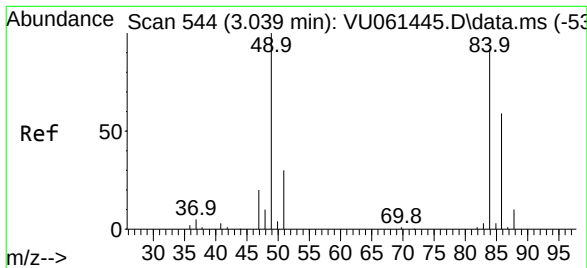
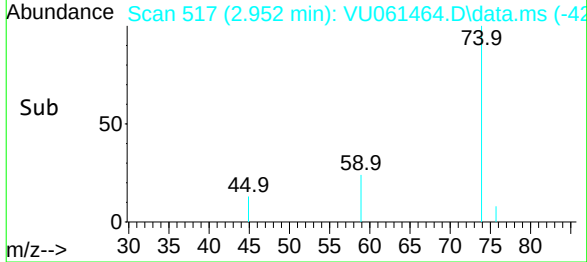
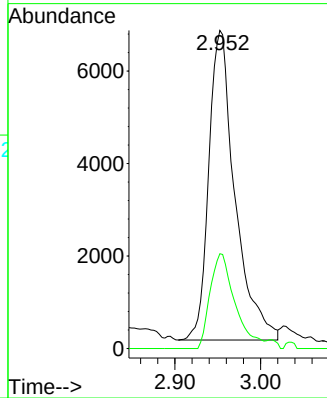
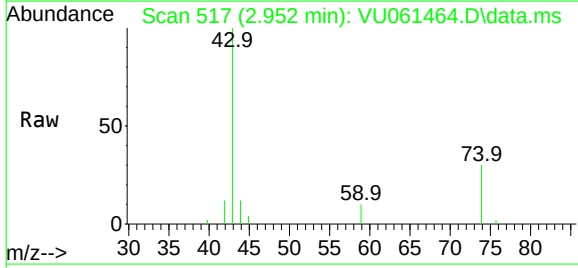




#15
Methyl Acetate
Concen: 4.361 ug/L
RT: 2.952 min Scan# 517
Delta R.T. 0.000 min
Lab File: VU061464.D
Acq: 05 Nov 2024 19:52

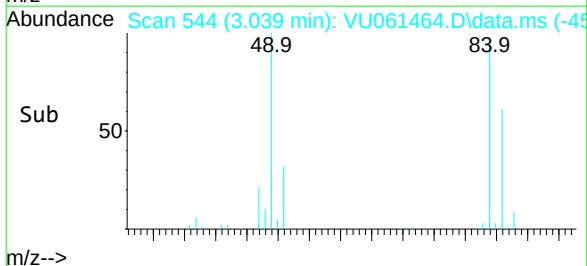
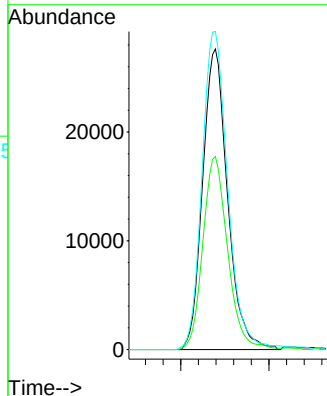
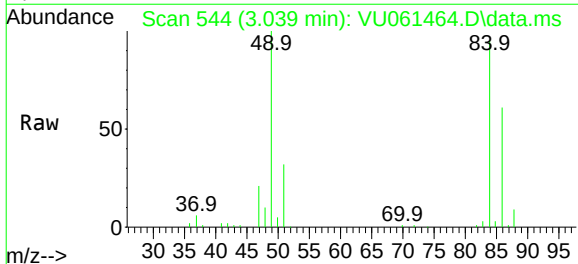
Instrument :
MSVOA_U
ClientSampleId :
C0CD2MS

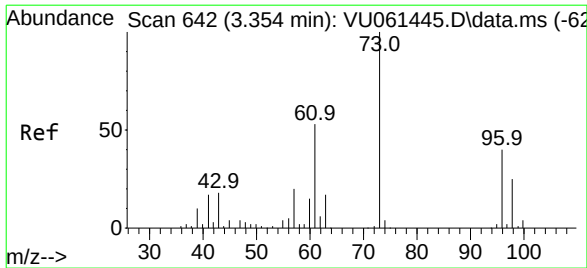
Tgt Ion: 43 Resp: 14237
Ion Ratio Lower Upper
43 100
74 29.0 22.2 33.4



#16
Methylene chloride
Concen: 5.159 ug/L
RT: 3.039 min Scan# 544
Delta R.T. 0.000 min
Lab File: VU061464.D
Acq: 05 Nov 2024 19:52

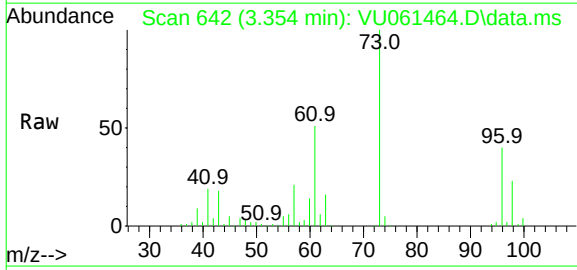
Tgt Ion: 84 Resp: 54244
Ion Ratio Lower Upper
84 100
86 64.2 43.5 80.7
49 105.8 75.7 140.7



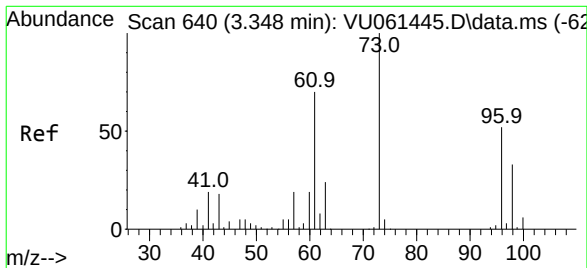
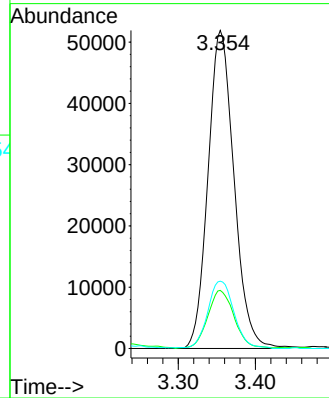
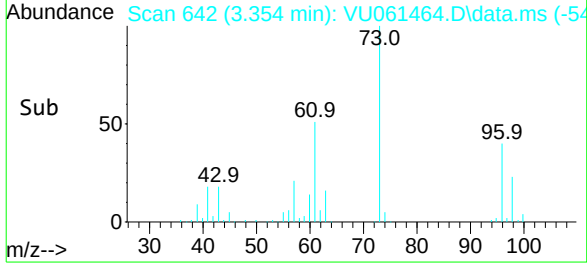


#17
Methyl tert-butyl Ether
Concen: 5.021 ug/L
RT: 3.354 min Scan# 642
Delta R.T. 0.000 min
Lab File: VU061464.D
Acq: 05 Nov 2024 19:52

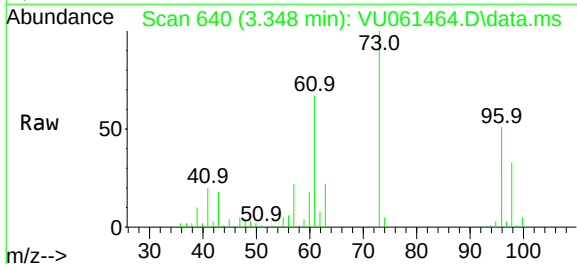
Instrument :
MSVOA_U
ClientSampleId :
C0CD2MS



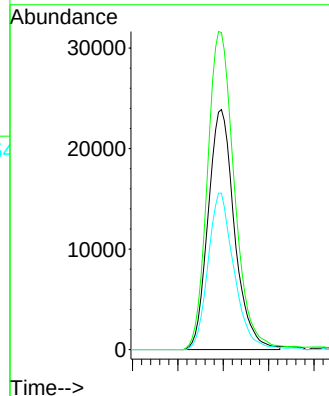
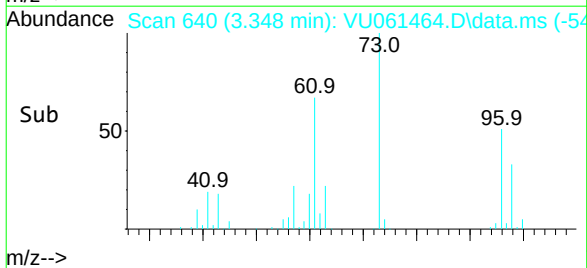
Tgt Ion: 73 Resp: 121428
Ion Ratio Lower Upper
73 100
43 18.7 15.0 22.4
57 21.5 17.0 25.6

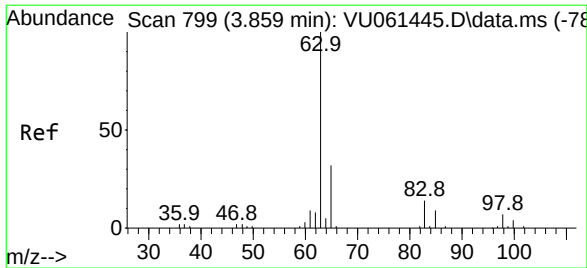


#18
trans-1,2-Dichloroethene
Concen: 4.888 ug/L
RT: 3.348 min Scan# 640
Delta R.T. 0.000 min
Lab File: VU061464.D
Acq: 05 Nov 2024 19:52



Tgt Ion: 96 Resp: 48229
Ion Ratio Lower Upper
96 100
61 132.0 97.9 181.7
98 65.1 46.2 85.8

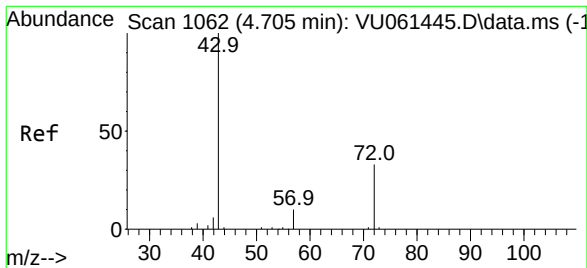
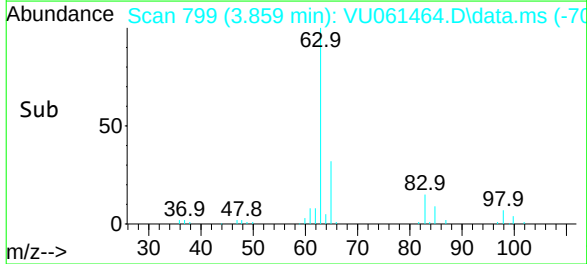
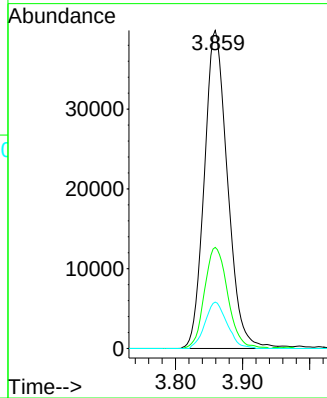
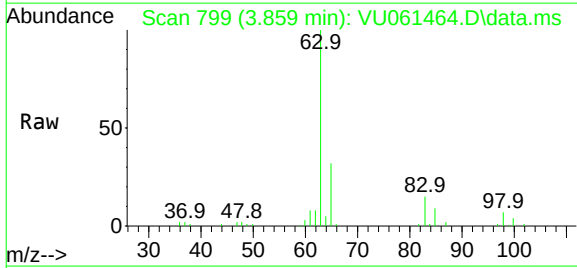




#19
1,1-Dichloroethane
Concen: 5.154 ug/L
RT: 3.859 min Scan# 799
Delta R.T. 0.000 min
Lab File: VU061464.D
Acq: 05 Nov 2024 19:52

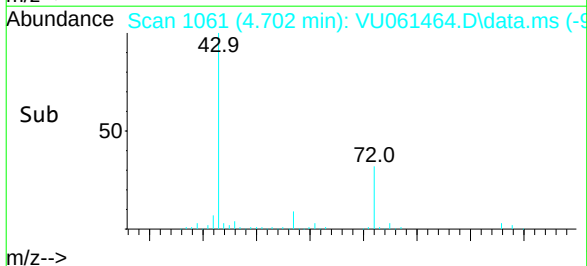
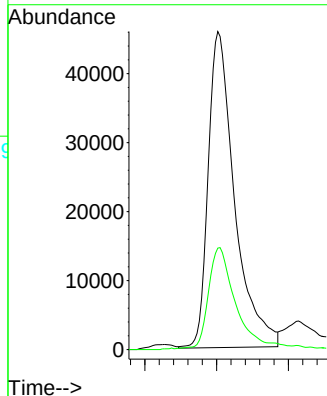
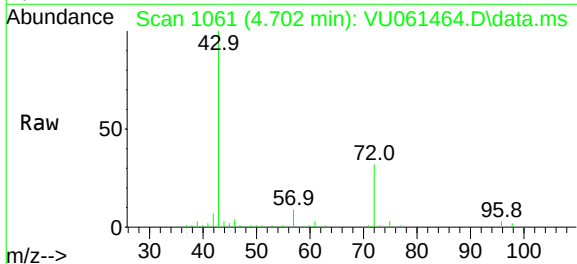
Instrument :
MSVOA_U
ClientSampleId :
C0CD2MS

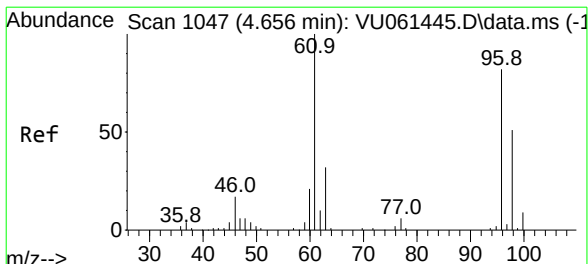
Tgt Ion:	63	Resp:	95900
Ion	Ratio	Lower	Upper
63	100		
65	31.8	23.0	42.6
83	14.6	9.7	17.9



#21
2-Butanone
Concen: 56.064 ug/L
RT: 4.702 min Scan# 1061
Delta R.T. -0.003 min
Lab File: VU061464.D
Acq: 05 Nov 2024 19:52

Tgt Ion:	43	Resp:	117170
Ion	Ratio	Lower	Upper
43	100		
72	32.7	15.9	47.6

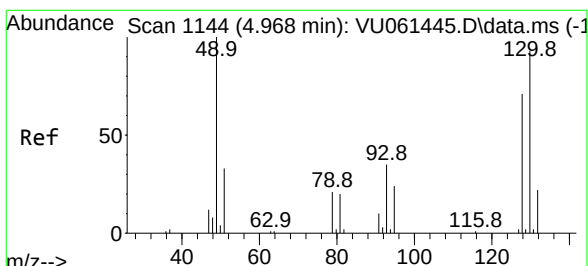
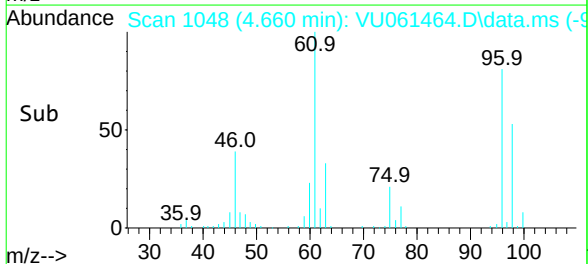
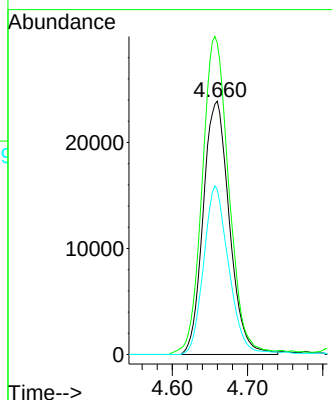
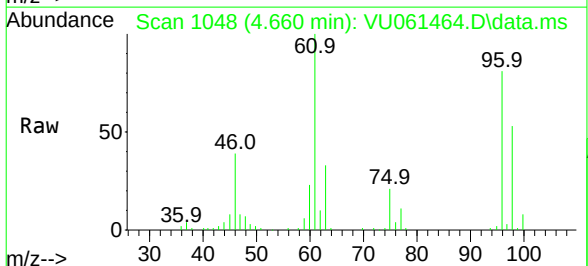




#22
 cis-1,2-Dichloroethene
 Concen: 5.137 ug/L
 RT: 4.660 min Scan# 1048
 Delta R.T. 0.003 min
 Lab File: VU061464.D
 Acq: 05 Nov 2024 19:52

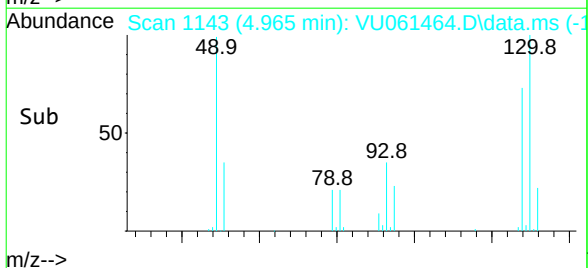
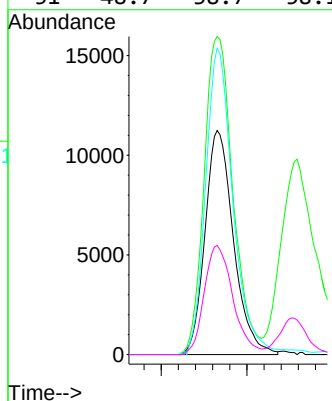
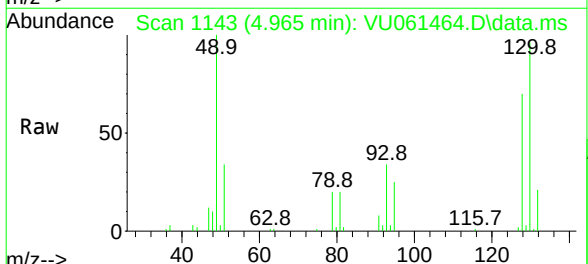
Instrument :
 MSVOA_U
 ClientSampleId :
 C0CD2MS

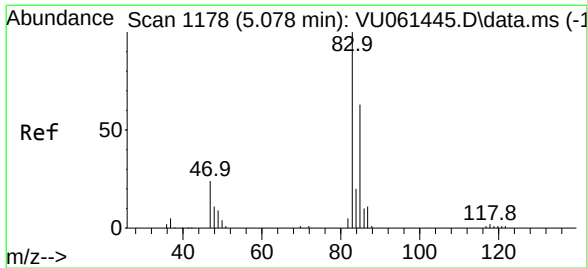
Tgt Ion:	96	Resp:	57892
Ion	Ratio	Lower	Upper
96	100		
61	122.9	88.1	163.5
98	65.0	45.0	83.6



#23
 Bromochloromethane
 Concen: 5.469 ug/L
 RT: 4.965 min Scan# 1143
 Delta R.T. -0.003 min
 Lab File: VU061464.D
 Acq: 05 Nov 2024 19:52

Tgt Ion:	128	Resp:	25934
Ion	Ratio	Lower	Upper
128	100		
49	141.9	105.1	195.1
130	136.7	89.6	166.4
51	48.7	38.7	58.1

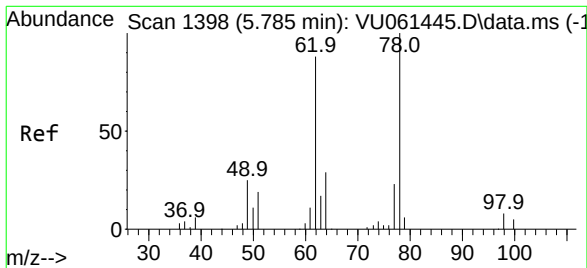
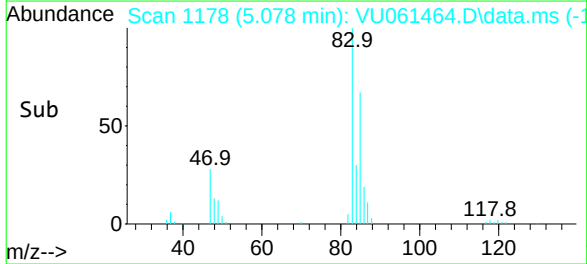
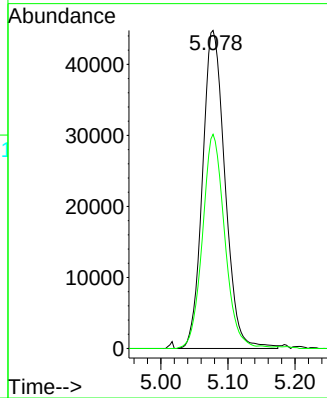
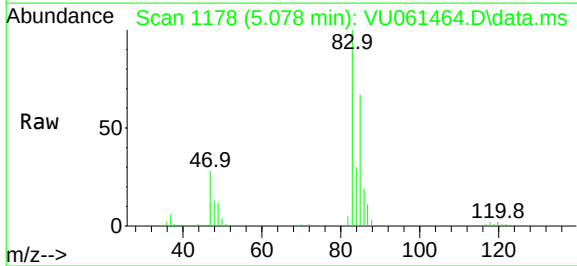




#25
Chloroform
Concen: 5.331 ug/L
RT: 5.078 min Scan# 1178
Delta R.T. 0.000 min
Lab File: VU061464.D
Acq: 05 Nov 2024 19:52

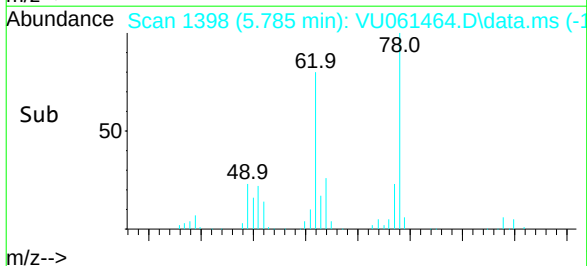
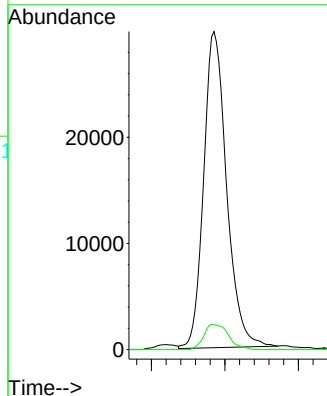
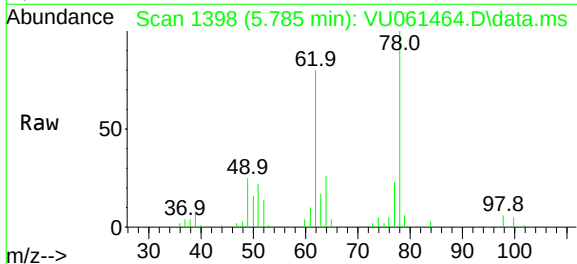
Instrument :
MSVOA_U
ClientSampleId :
C0CD2MS

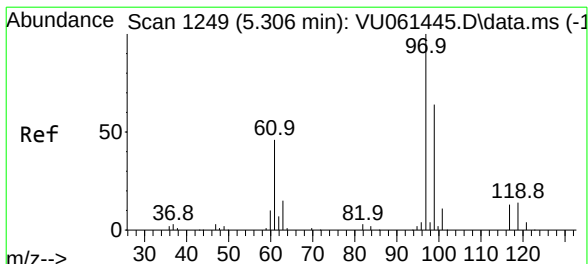
Tgt Ion: 83 Resp: 104311
Ion Ratio Lower Upper
83 100
85 67.3 45.6 84.6



#27
1,2-Dichloroethane
Concen: 5.222 ug/L
RT: 5.785 min Scan# 1398
Delta R.T. 0.000 min
Lab File: VU061464.D
Acq: 05 Nov 2024 19:52

Tgt Ion: 62 Resp: 64565
Ion Ratio Lower Upper
62 100
98 7.8 7.4 11.0

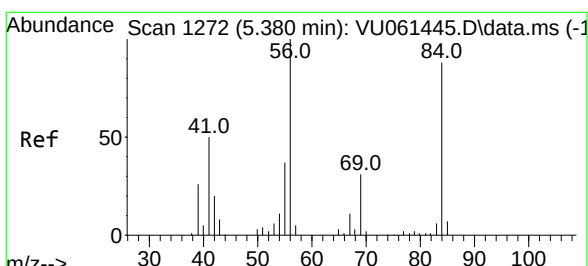
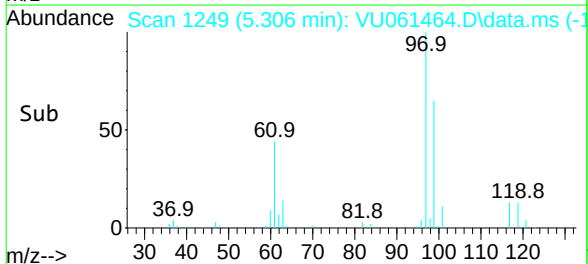
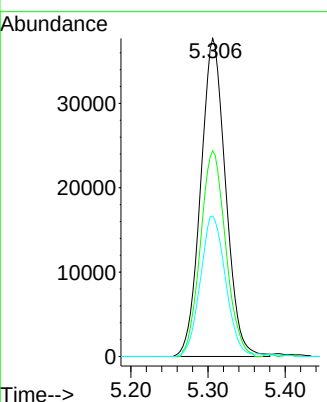
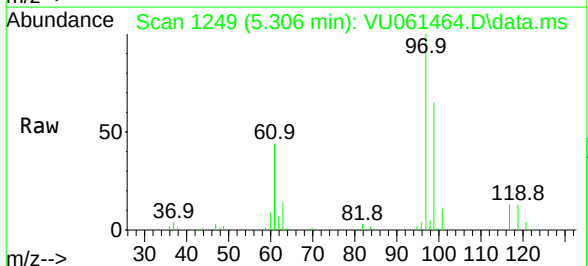




#29
 1,1,1-Trichloroethane
 Concen: 4.873 ug/L
 RT: 5.306 min Scan# 12
 Delta R.T. 0.000 min
 Lab File: VU061464.D
 Acq: 05 Nov 2024 19:52

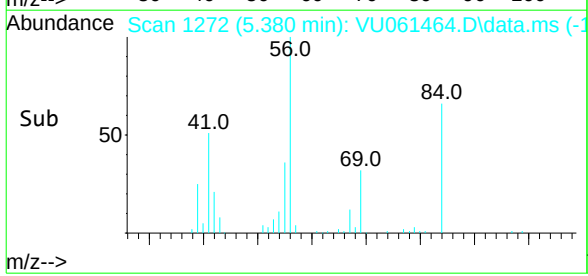
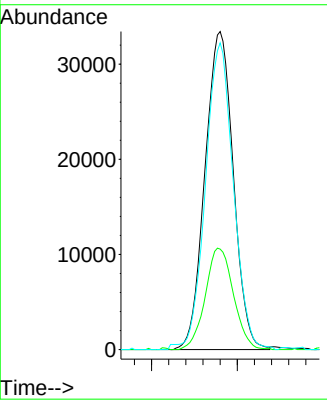
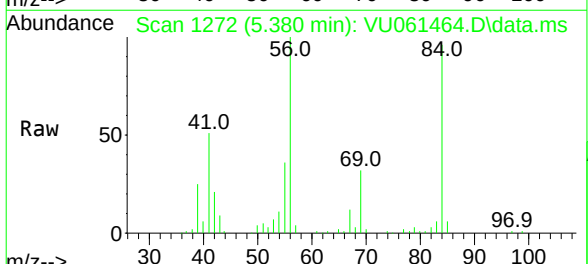
Instrument :
 MSVOA_U
 ClientSampleId :
 C0CD2MS

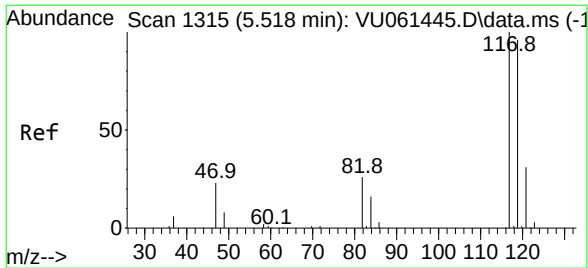
Tgt Ion:	97	Resp:	84585
Ion	Ratio	Lower	Upper
97	100		
99	65.4	50.8	76.2
61	44.7	36.1	54.1



#30
 Cyclohexane
 Concen: 4.405 ug/L
 RT: 5.380 min Scan# 1272
 Delta R.T. 0.000 min
 Lab File: VU061464.D
 Acq: 05 Nov 2024 19:52

Tgt Ion:	56	Resp:	76698
Ion	Ratio	Lower	Upper
56	100		
69	31.7	25.8	38.6
84	94.8	73.9	110.9

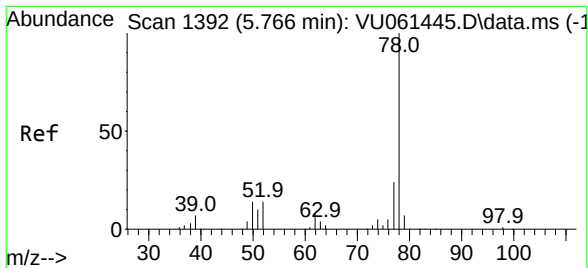
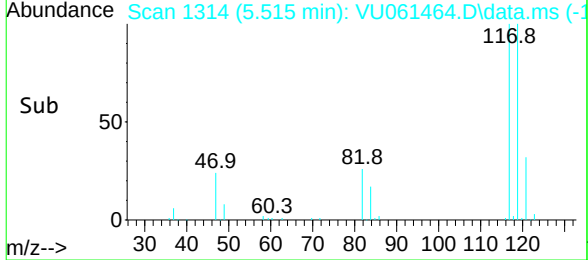
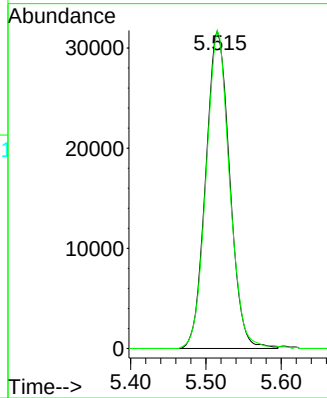
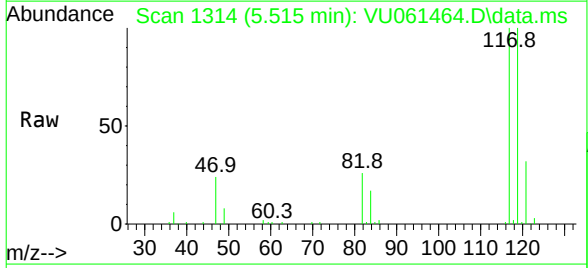




#31
Carbon tetrachloride
Concen: 4.715 ug/L
RT: 5.515 min Scan# 1315
Delta R.T. -0.003 min
Lab File: VU061464.D
Acq: 05 Nov 2024 19:52

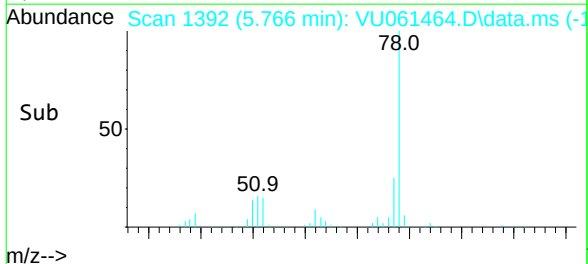
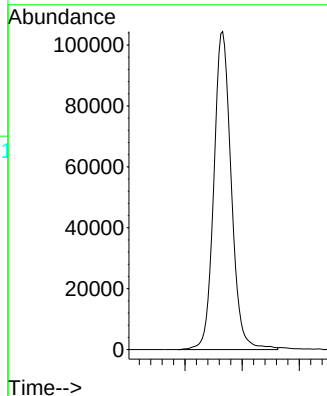
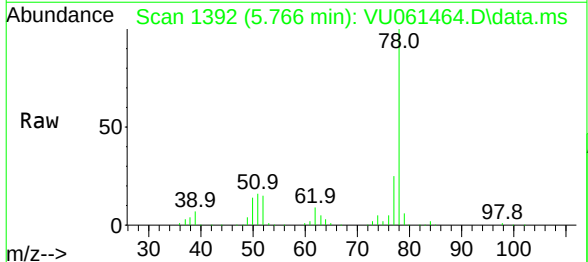
Instrument :
MSVOA_U
ClientSampleId :
C0CD2MS

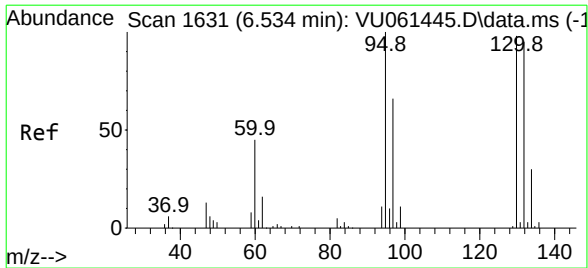
Tgt Ion:117 Resp: 70038
Ion Ratio Lower Upper
117 100
119 98.0 75.5 113.3



#33
Benzene
Concen: 5.047 ug/L
RT: 5.766 min Scan# 1392
Delta R.T. 0.000 min
Lab File: VU061464.D
Acq: 05 Nov 2024 19:52

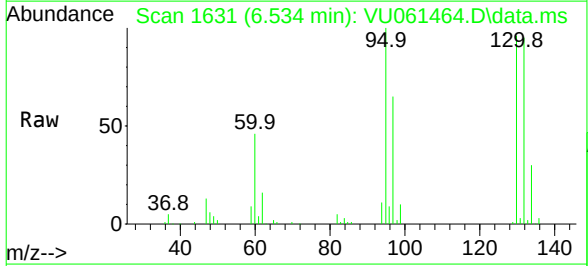
Tgt Ion: 78 Resp: 221261



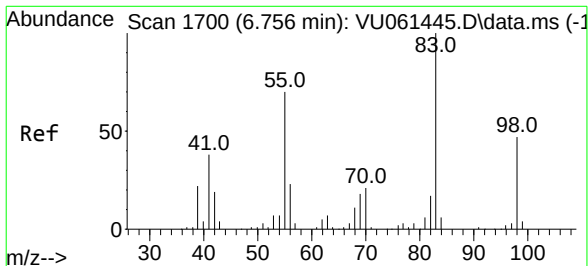
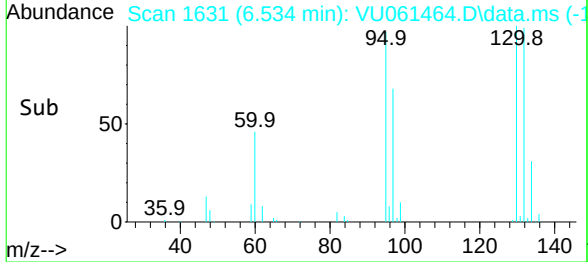
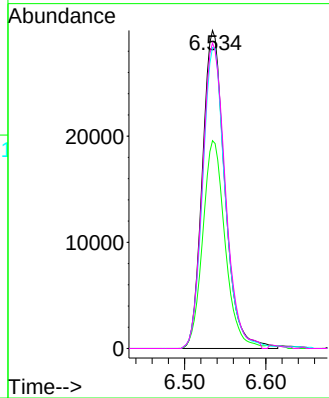


#34
Trichloroethene
Concen: 4.821 ug/L
RT: 6.534 min Scan# 1618
Delta R.T. 0.000 min
Lab File: VU061464.D
Acq: 05 Nov 2024 19:52

Instrument :
MSVOA_U
ClientSampleId :
C0CD2MS

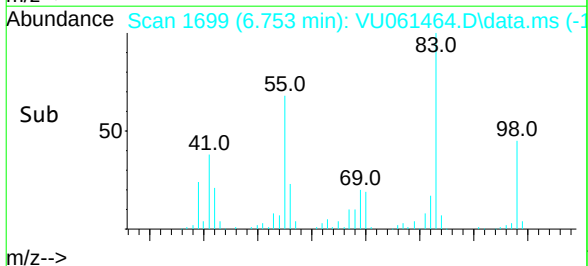
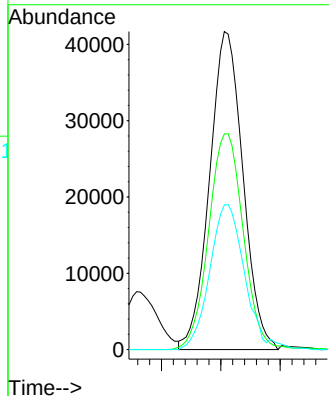
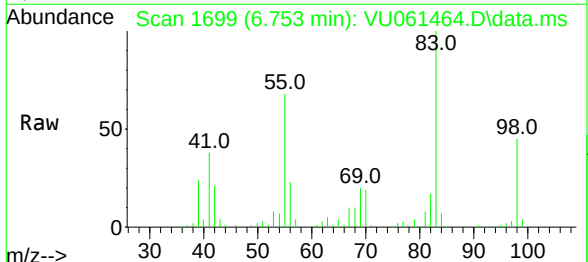


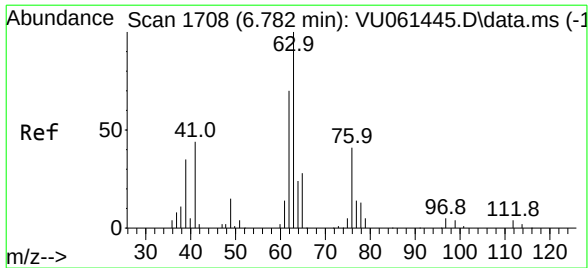
Tgt Ion:	95	Resp:	57496
Ion	Ratio	Lower	Upper
95	100		
97	65.3	46.1	85.7
132	94.6	66.1	122.7
130	96.0	69.0	128.2



#35
Methylcyclohexane
Concen: 4.289 ug/L
RT: 6.753 min Scan# 1699
Delta R.T. -0.003 min
Lab File: VU061464.D
Acq: 05 Nov 2024 19:52

Tgt Ion:	83	Resp:	81409
Ion	Ratio	Lower	Upper
83	100		
55	70.7	55.9	83.9
98	47.7	35.9	53.9

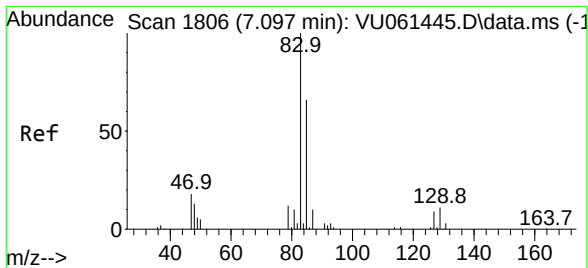
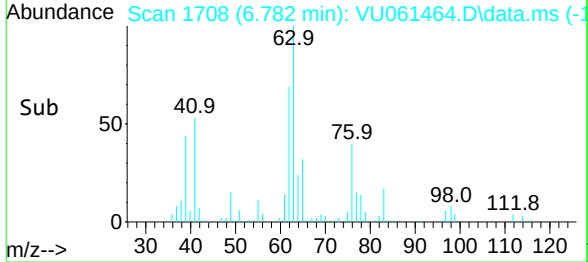
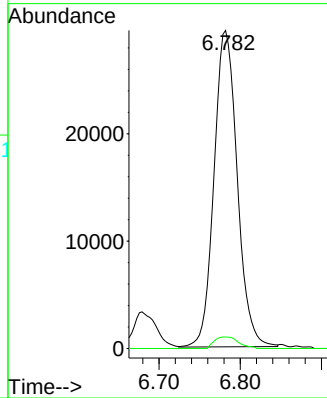
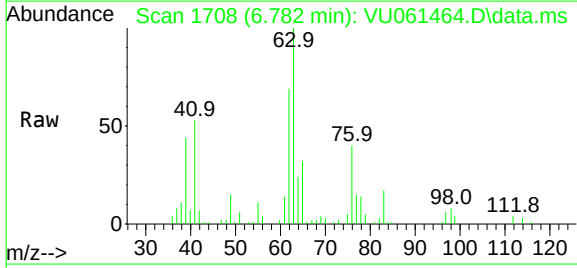




#37
1,2-Dichloropropane
Concen: 5.271 ug/L
RT: 6.782 min Scan# 1708
Delta R.T. 0.000 min
Lab File: VU061464.D
Acq: 05 Nov 2024 19:52

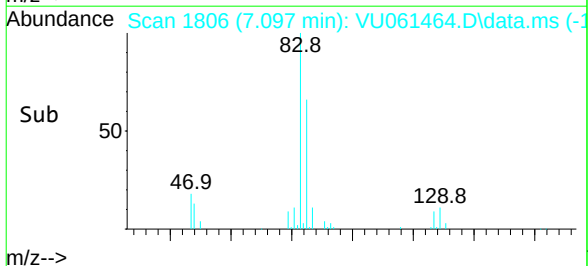
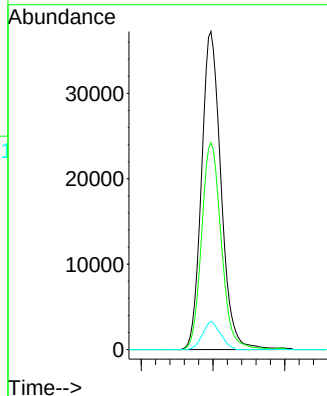
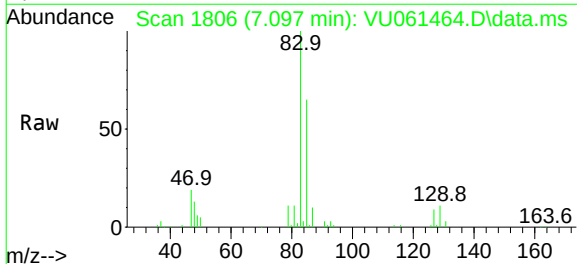
Instrument :
MSVOA_U
ClientSampleId :
C0CD2MS

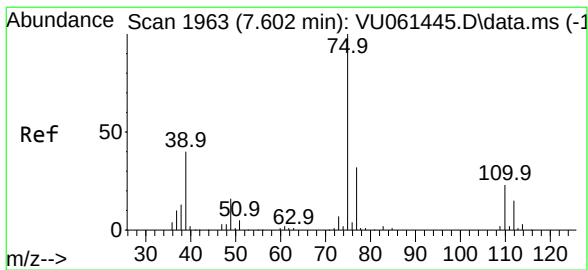
Tgt Ion: 63 Resp: 58574
Ion Ratio Lower Upper
63 100
112 3.8 3.0 4.4



#38
Bromodichloromethane
Concen: 5.000 ug/L
RT: 7.097 min Scan# 1806
Delta R.T. 0.000 min
Lab File: VU061464.D
Acq: 05 Nov 2024 19:52

Tgt Ion: 83 Resp: 70318
Ion Ratio Lower Upper
83 100
85 65.0 43.8 81.4
127 8.9 7.4 11.0

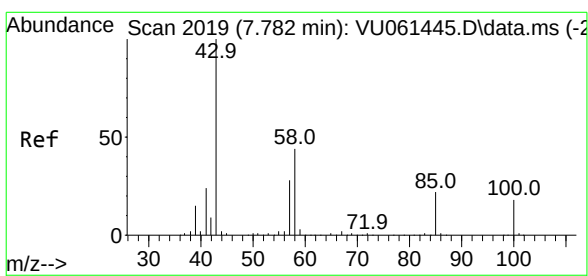
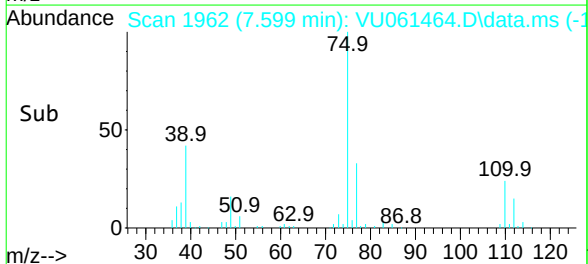
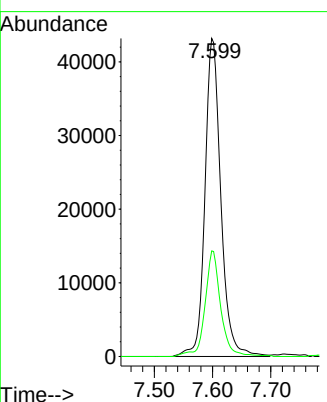
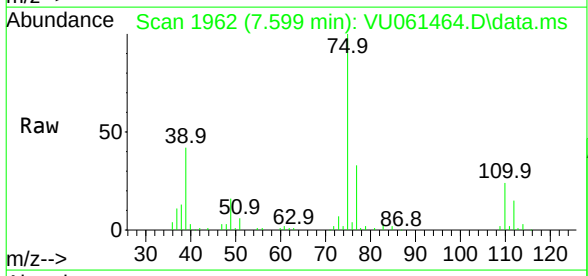




#39
 cis-1,3-Dichloropropene
 Concen: 4.779 ug/L
 RT: 7.599 min Scan# 1962
 Delta R.T. -0.003 min
 Lab File: VU061464.D
 Acq: 05 Nov 2024 19:52

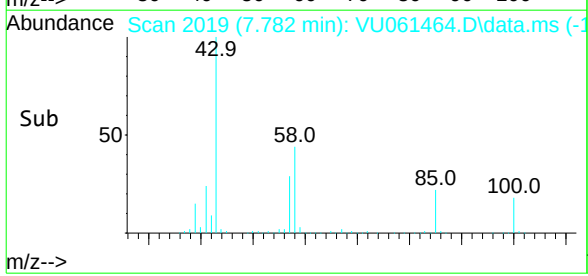
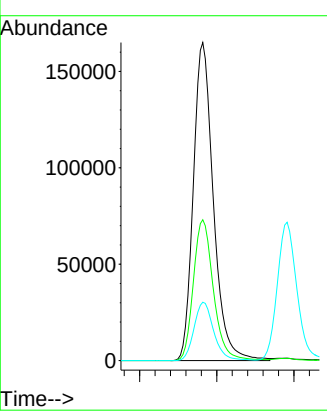
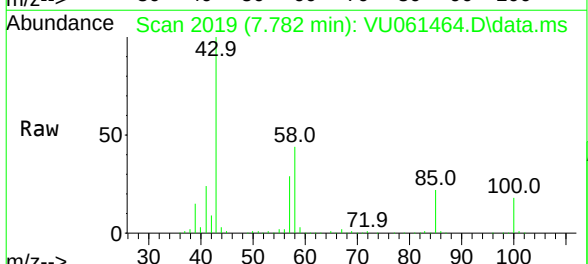
Instrument :
 MSVOA_U
 ClientSampleId :
 C0CD2MS

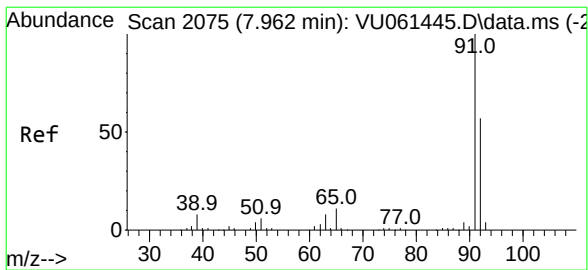
Tgt Ion:	75	Resp:	82018
Ion Ratio	Lower	Upper	
75	100		
77	33.2	22.5	41.7



#40
 4-Methyl-2-pentanone
 Concen: 53.866 ug/L
 RT: 7.782 min Scan# 2019
 Delta R.T. 0.000 min
 Lab File: VU061464.D
 Acq: 05 Nov 2024 19:52

Tgt Ion:	43	Resp:	297913
Ion Ratio	Lower	Upper	
43	100		
58	44.3	35.1	52.7
100	18.0	14.0	21.0





#42

Toluene

Concen: 5.111 ug/L

RT: 7.962 min Scan# 2075

Delta R.T. 0.000 min

Lab File: VU061464.D

Acq: 05 Nov 2024 19:52

Instrument :

MSVOA_U

ClientSampleId :

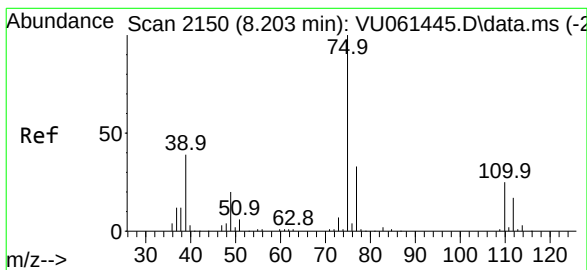
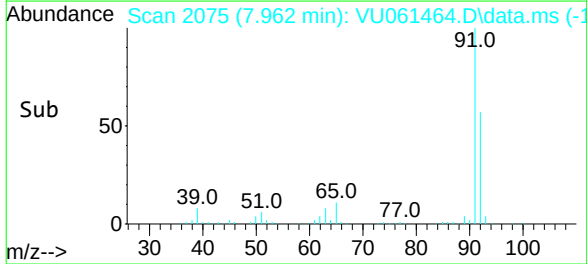
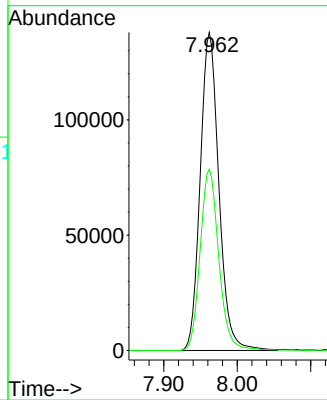
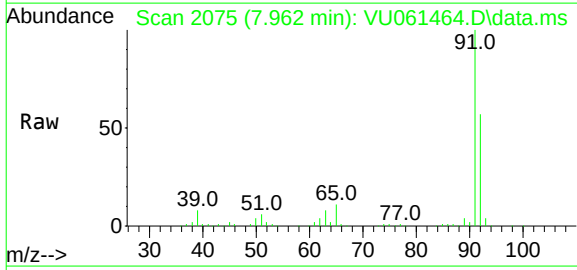
C0CD2MS

Tgt Ion: 91 Resp: 243319

Ion Ratio Lower Upper

91 100

92 57.0 40.3 74.8



#44

trans-1,3-Dichloropropene

Concen: 4.792 ug/L

RT: 8.203 min Scan# 2150

Delta R.T. 0.000 min

Lab File: VU061464.D

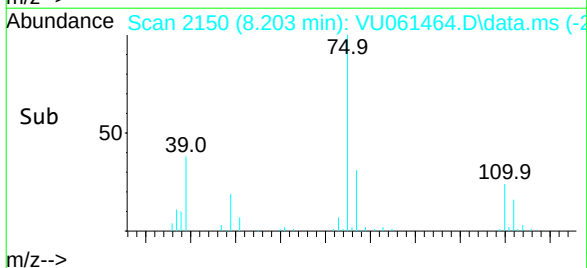
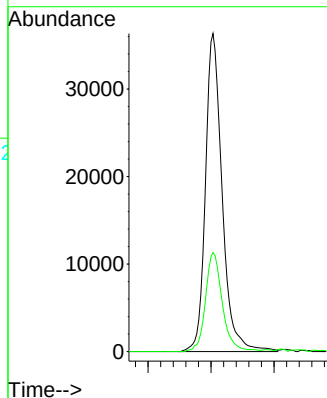
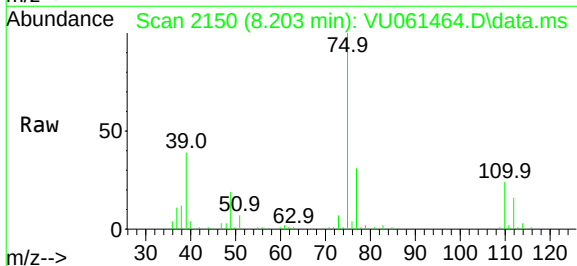
Acq: 05 Nov 2024 19:52

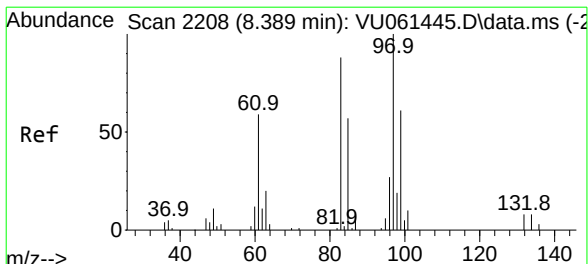
Tgt Ion: 75 Resp: 67018

Ion Ratio Lower Upper

75 100

77 31.2 22.0 40.8

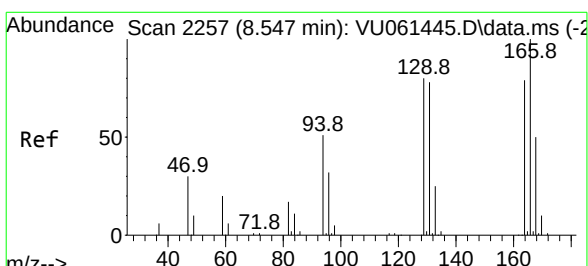
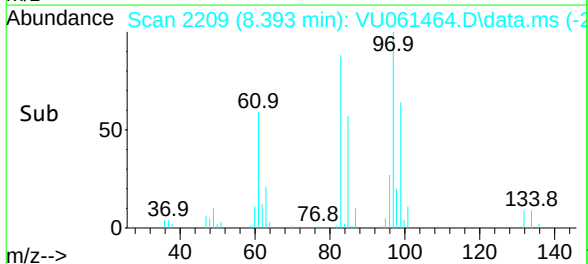
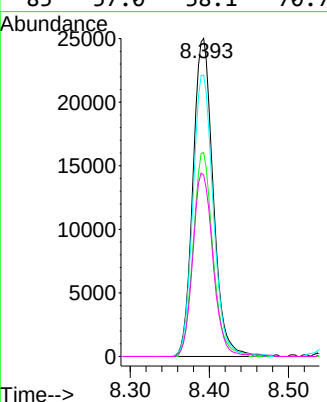
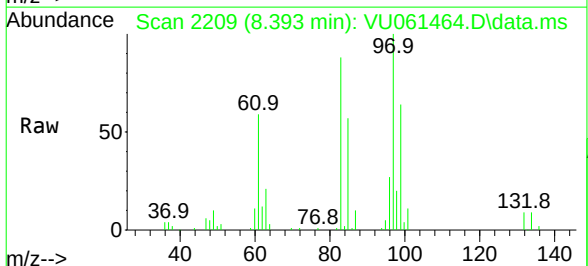




#45
1,1,2-Trichloroethane
Concen: 5.539 ug/L
RT: 8.393 min Scan# 2209
Delta R.T. 0.003 min
Lab File: VU061464.D
Acq: 05 Nov 2024 19:52

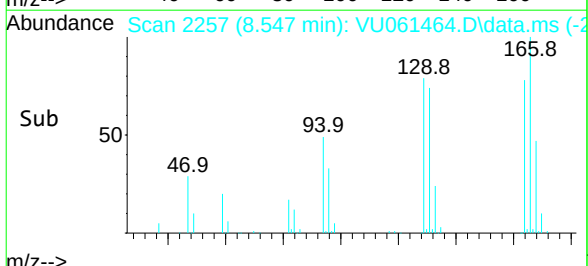
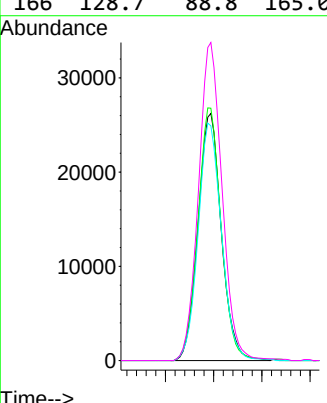
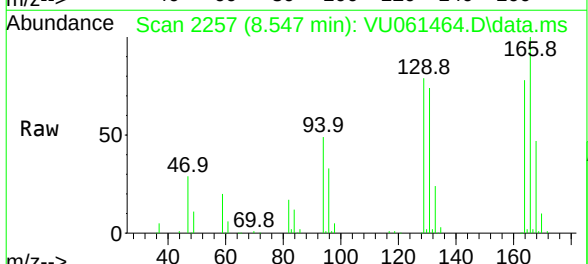
Instrument :
MSVOA_U
ClientSampleId :
C0CD2MS

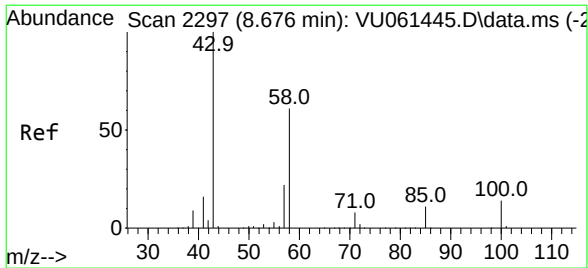
Tgt Ion:	97	Resp:	44299
Ion	Ratio	Lower	Upper
97	100		
99	64.1	44.1	81.9
83	88.5	61.2	113.6
85	57.0	38.1	70.7



#47
Tetrachloroethene
Concen: 5.296 ug/L
RT: 8.547 min Scan# 2257
Delta R.T. 0.000 min
Lab File: VU061464.D
Acq: 05 Nov 2024 19:52

Tgt Ion:	164	Resp:	44110
Ion	Ratio	Lower	Upper
164	100		
129	102.1	69.9	129.7
131	95.0	68.3	126.8
166	128.7	88.8	165.0

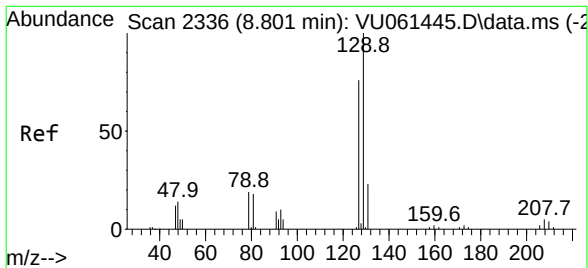
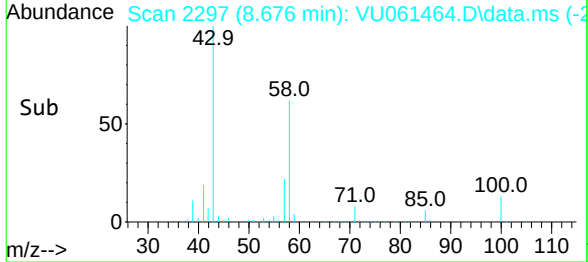
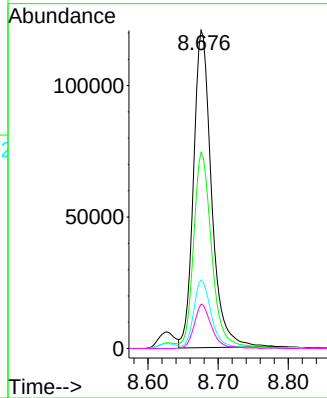
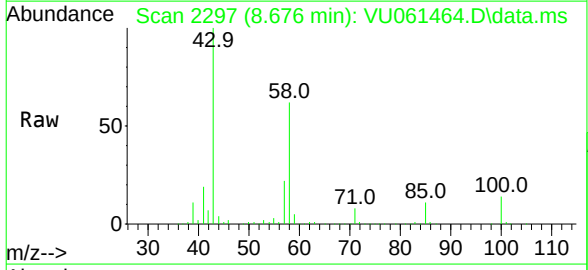




#48
2-Hexanone
Concen: 54.949 ug/L
RT: 8.676 min Scan# 2297
Delta R.T. 0.000 min
Lab File: VU061464.D
Acq: 05 Nov 2024 19:52

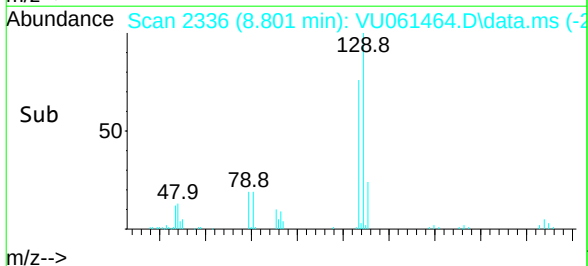
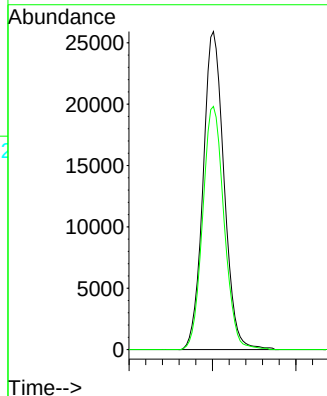
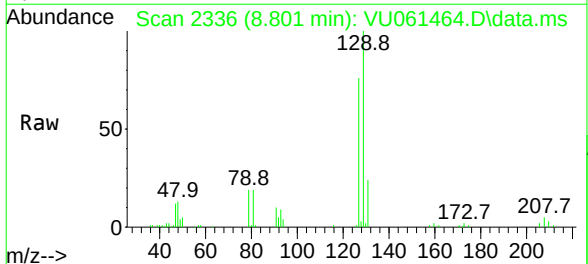
Instrument :
MSVOA_U
ClientSampleId :
C0CD2MS

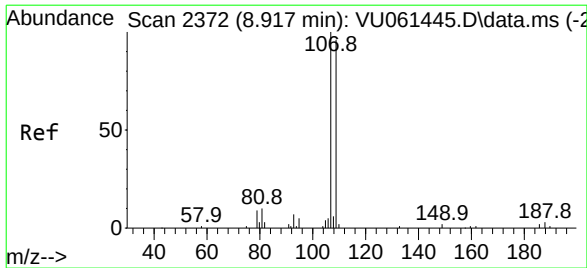
Tgt Ion:	43	Resp:	214904
Ion	Ratio	Lower	Upper
43	100		
58	60.6	48.6	72.8
57	21.5	17.0	25.6
100	13.4	10.4	15.6



#49
Dibromochloromethane
Concen: 4.991 ug/L
RT: 8.801 min Scan# 2336
Delta R.T. 0.000 min
Lab File: VU061464.D
Acq: 05 Nov 2024 19:52

Tgt Ion:	129	Resp:	45266
Ion	Ratio	Lower	Upper
129	100		
127	76.5	51.8	96.2

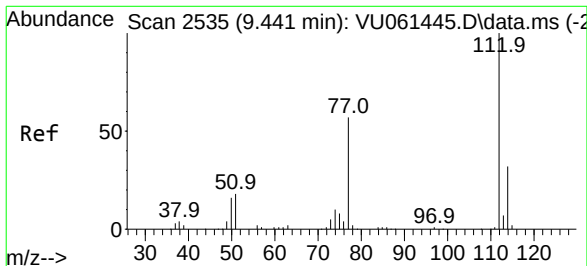
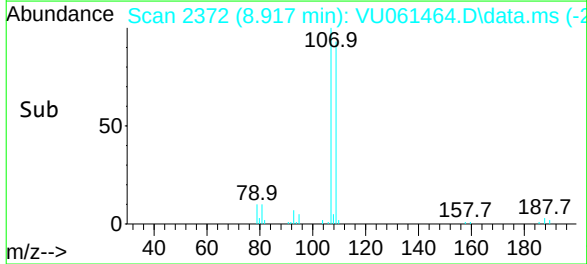
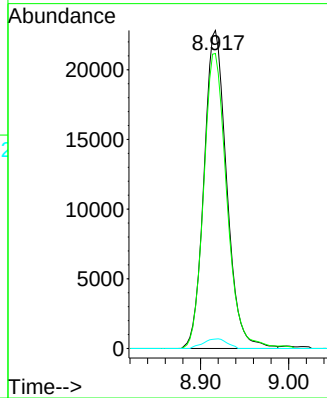
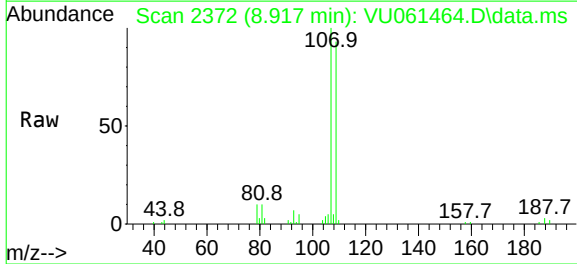




#50
1,2-Dibromoethane
Concen: 5.249 ug/L
RT: 8.917 min Scan# 2372
Delta R.T. 0.000 min
Lab File: VU061464.D
Acq: 05 Nov 2024 19:52

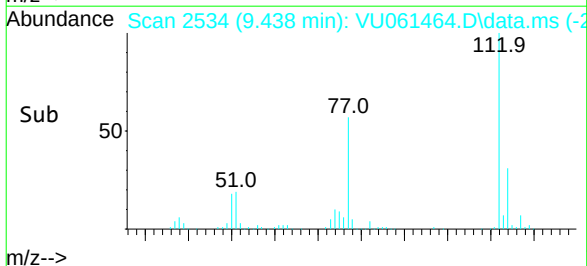
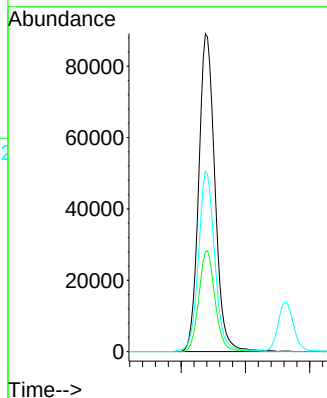
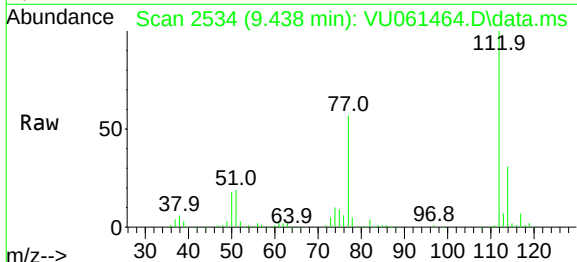
Instrument :
MSVOA_U
ClientSampleId :
C0CD2MS

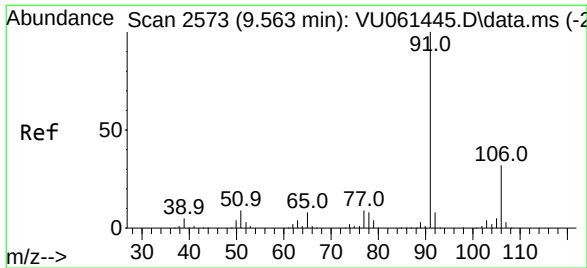
Tgt Ion:107 Resp: 40780
Ion Ratio Lower Upper
107 100
109 92.7 63.4 117.8
188 3.0 2.6 3.8



#51
Chlorobenzene
Concen: 5.185 ug/L
RT: 9.438 min Scan# 2534
Delta R.T. -0.003 min
Lab File: VU061464.D
Acq: 05 Nov 2024 19:52

Tgt Ion:112 Resp: 156025
Ion Ratio Lower Upper
112 100
114 31.3 22.9 42.5
77 56.6 47.1 70.7

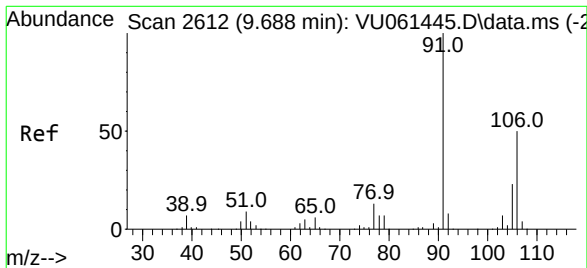
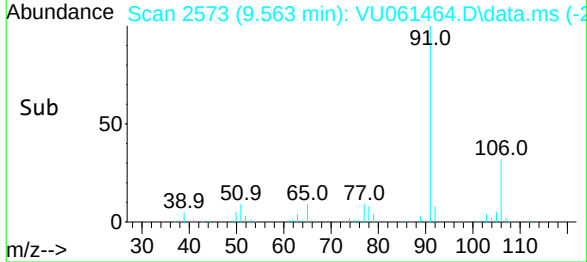
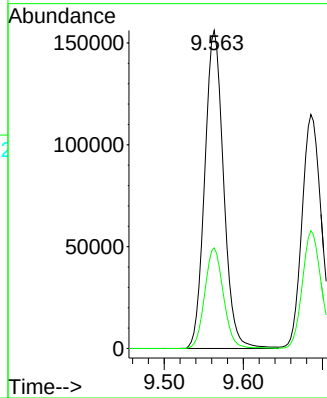
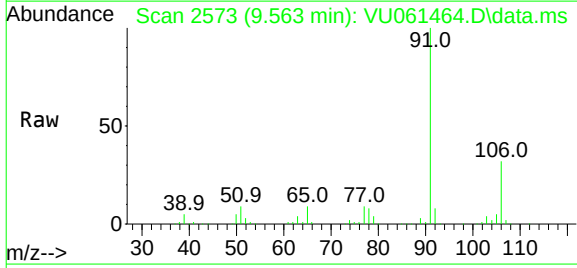




#52
Ethylbenzene
Concen: 4.932 ug/L
RT: 9.563 min Scan# 2573
Delta R.T. 0.000 min
Lab File: VU061464.D
Acq: 05 Nov 2024 19:52

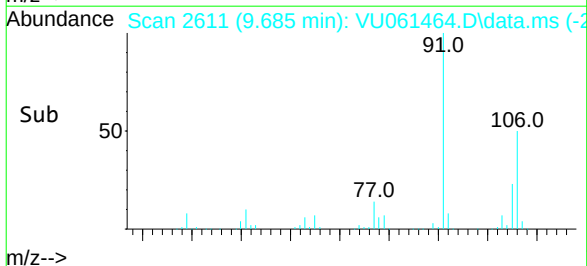
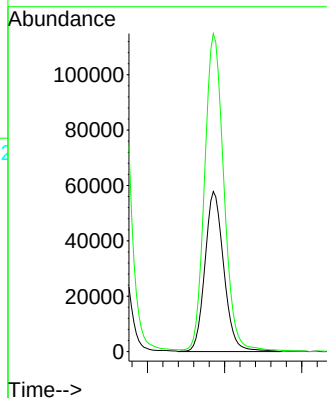
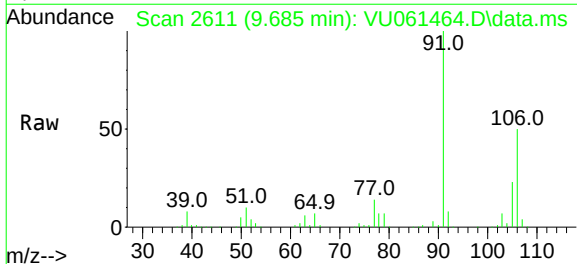
Instrument :
MSVOA_U
ClientSampleId :
C0CD2MS

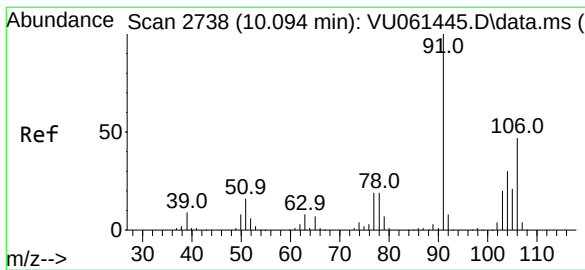
Tgt Ion: 91 Resp: 258284
Ion Ratio Lower Upper
91 100
106 31.6 22.0 41.0



#53
m,p-Xylene
Concen: 4.931 ug/L
RT: 9.685 min Scan# 2611
Delta R.T. -0.003 min
Lab File: VU061464.D
Acq: 05 Nov 2024 19:52

Tgt Ion: 106 Resp: 98368
Ion Ratio Lower Upper
106 100
91 198.7 145.7 270.7





#54

o-Xylene

Concen: 4.990 ug/L

RT: 10.094 min Scan# 2738

Delta R.T. 0.000 min

Lab File: VU061464.D

Acq: 05 Nov 2024 19:52

Instrument :

MSVOA_U

ClientSampleId :

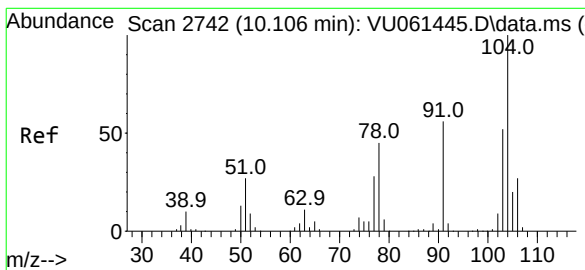
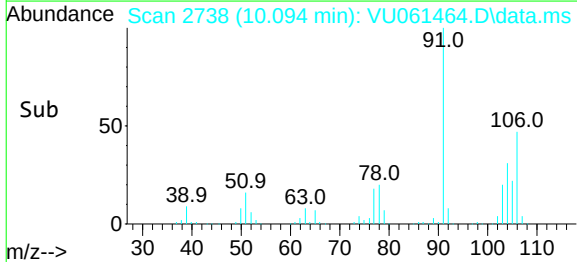
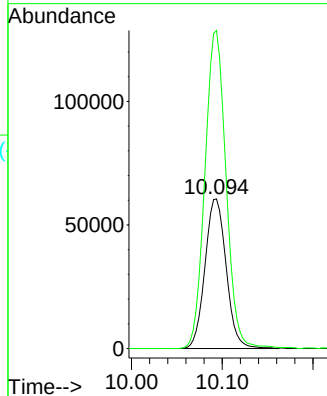
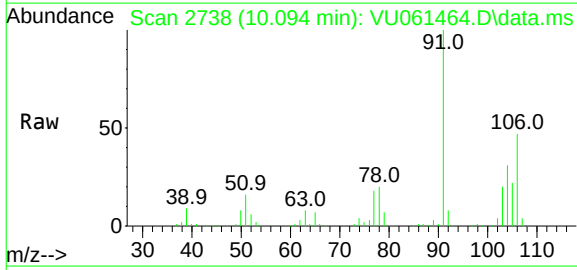
C0CD2MS

Tgt Ion:106 Resp: 98262

Ion Ratio Lower Upper

106 100

91 212.7 148.8 276.4



#55

Styrene

Concen: 4.977 ug/L

RT: 10.107 min Scan# 2742

Delta R.T. 0.000 min

Lab File: VU061464.D

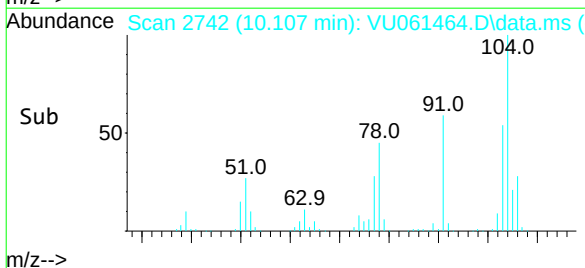
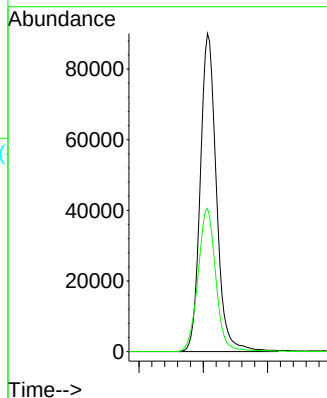
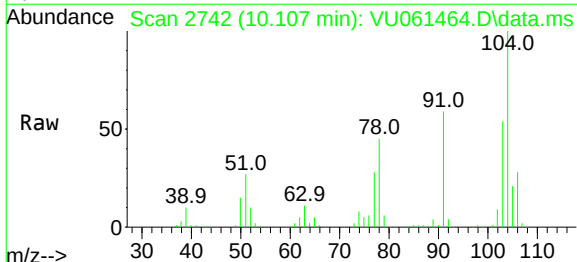
Acq: 05 Nov 2024 19:52

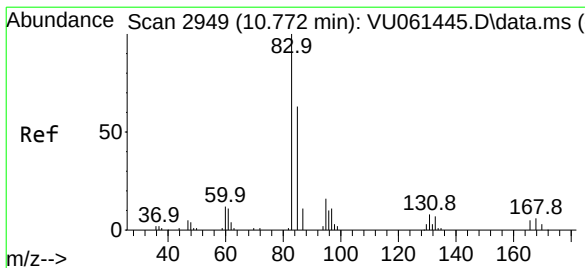
Tgt Ion:104 Resp: 157085

Ion Ratio Lower Upper

104 100

78 45.0 32.3 59.9





#57

1,1,2,2-Tetrachloroethane

Concen: 5.602 ug/L

RT: 10.772 min Scan# 2949

Delta R.T. 0.000 min

Lab File: VU061464.D

Acq: 05 Nov 2024 19:52

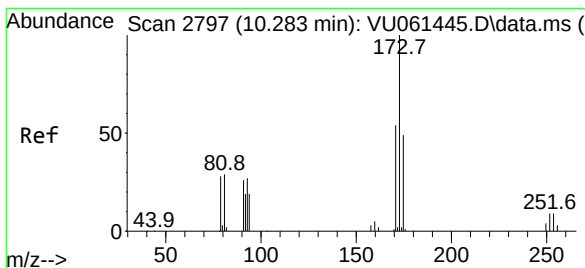
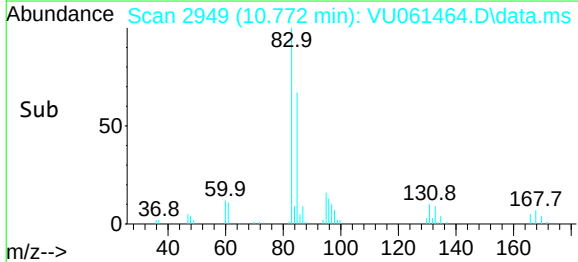
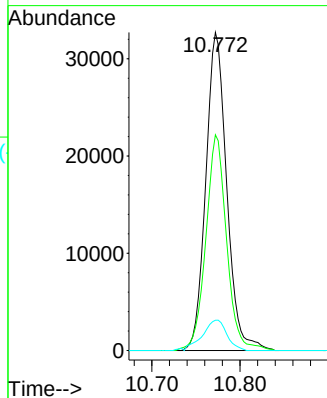
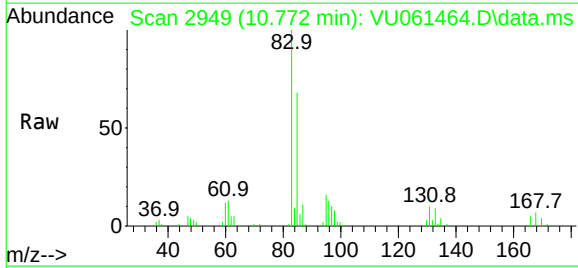
Instrument :

MSVOA_U

ClientSampleId :

C0CD2MS

Tgt Ion:	83	Resp:	53987
Ion Ratio	Lower	Upper	
83	100		
85	67.8	45.3	84.1
131	9.5	7.6	11.4



#59

Bromoform

Concen: 4.514 ug/L

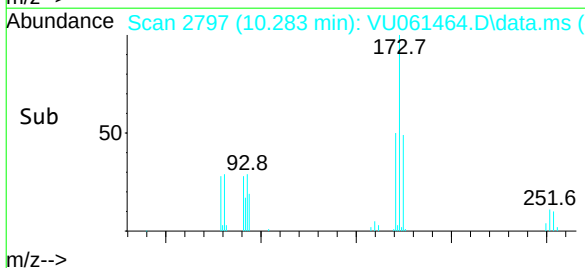
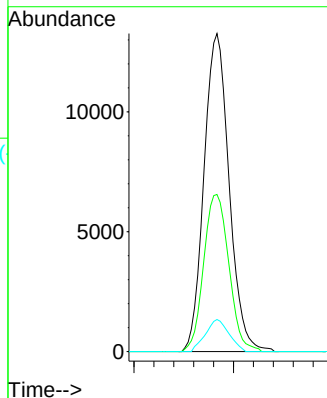
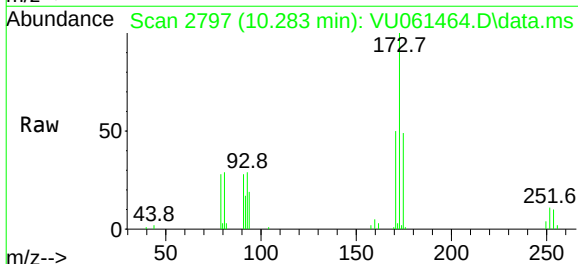
RT: 10.283 min Scan# 2797

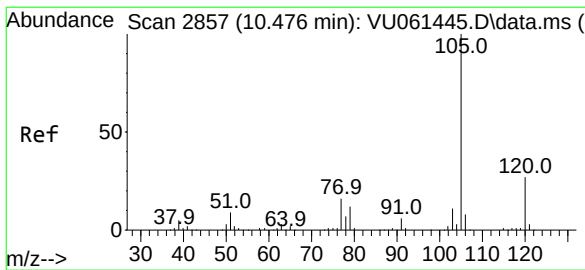
Delta R.T. 0.000 min

Lab File: VU061464.D

Acq: 05 Nov 2024 19:52

Tgt Ion:	173	Resp:	23239
Ion Ratio	Lower	Upper	
173	100		
175	49.6	39.0	58.4
254	9.4	6.8	10.2





#60

Isopropylbenzene

Concen: 4.767 ug/L

RT: 10.476 min Scan# 2857

Delta R.T. 0.000 min

Lab File: VU061464.D

Acq: 05 Nov 2024 19:52

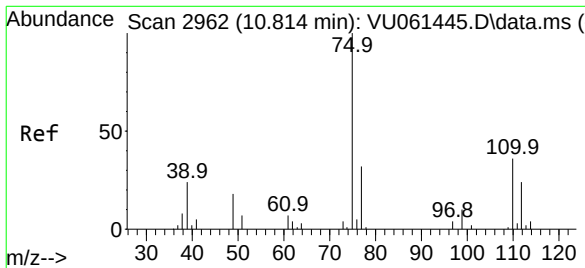
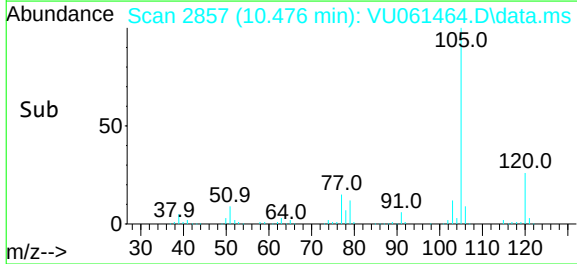
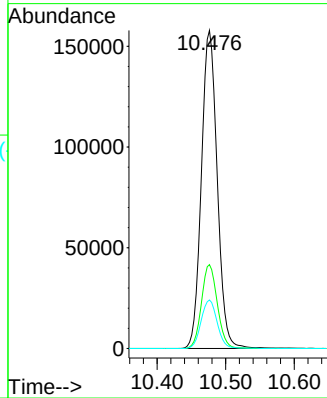
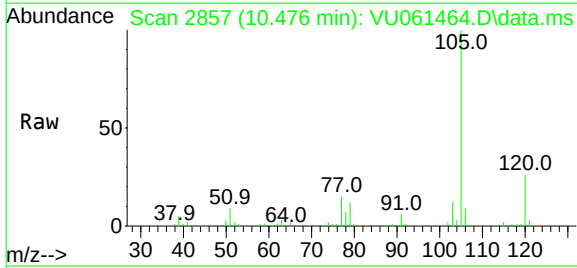
Instrument :

MSVOA_U

ClientSampleId :

C0CD2MS

Tgt Ion:	105	Resp:	253244
Ion	Ratio	Lower	Upper
105	100		
120	26.3	21.2	31.8
77	15.5	12.6	19.0



#61

1,2,3-Trichloropropane

Concen: 5.363 ug/L

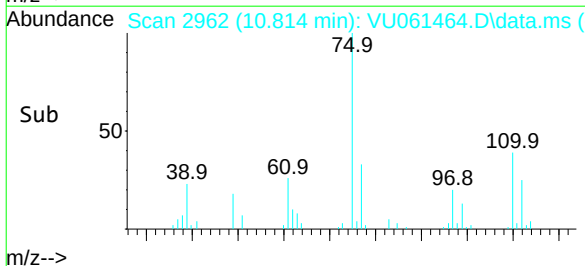
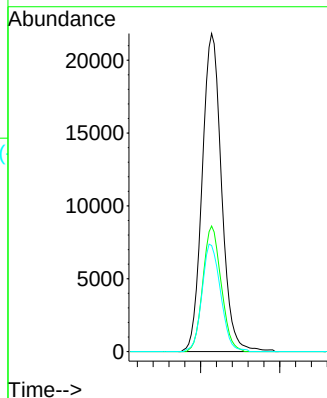
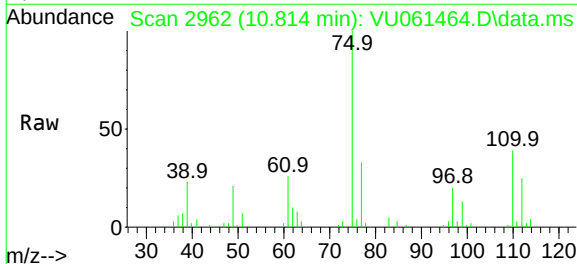
RT: 10.814 min Scan# 2962

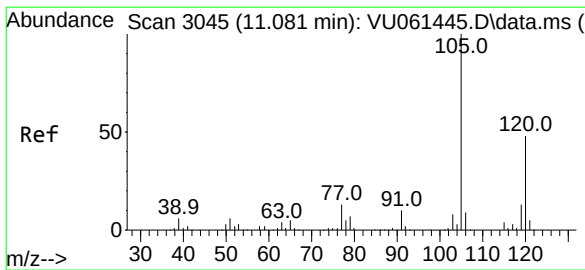
Delta R.T. 0.000 min

Lab File: VU061464.D

Acq: 05 Nov 2024 19:52

Tgt Ion:	75	Resp:	37151
Ion	Ratio	Lower	Upper
75	100		
110	37.2	28.8	43.2
77	32.5	25.7	38.5





#62

1,3,5-Trimethylbenzene

Concen: 4.578 ug/L

RT: 11.081 min Scan# 3045

Delta R.T. 0.000 min

Lab File: VU061464.D

Acq: 05 Nov 2024 19:52

Instrument :

MSVOA_U

ClientSampleId :

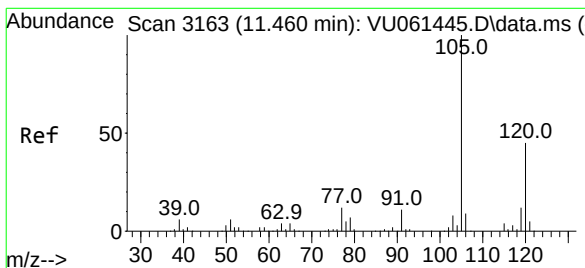
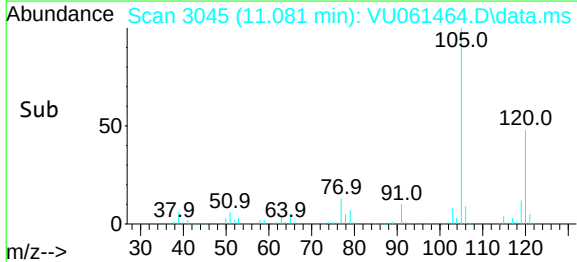
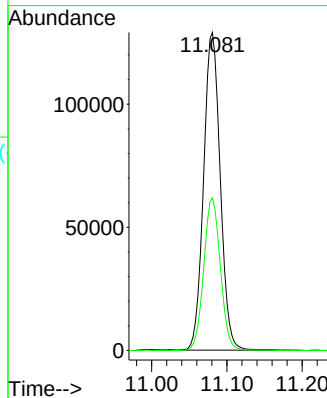
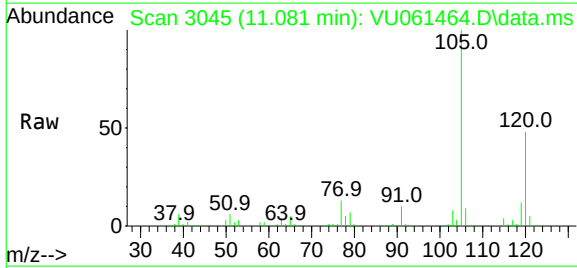
C0CD2MS

Tgt Ion:105 Resp: 197991

Ion Ratio Lower Upper

105 100

120 48.1 38.7 58.1



#63

1,2,4-Trimethylbenzene

Concen: 4.517 ug/L

RT: 11.460 min Scan# 3163

Delta R.T. 0.000 min

Lab File: VU061464.D

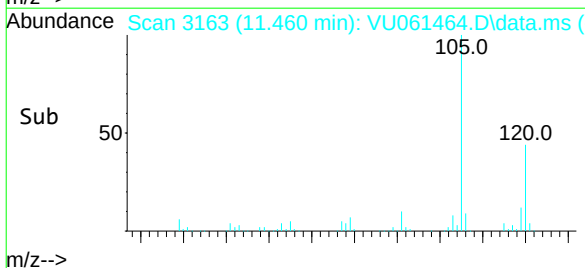
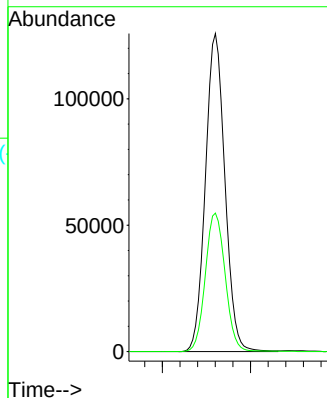
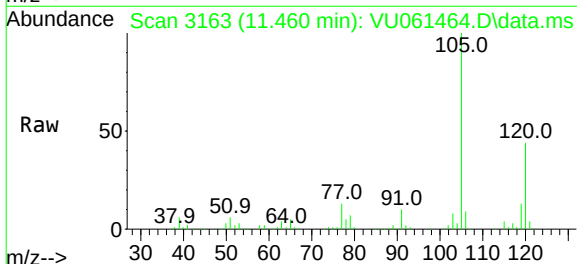
Acq: 05 Nov 2024 19:52

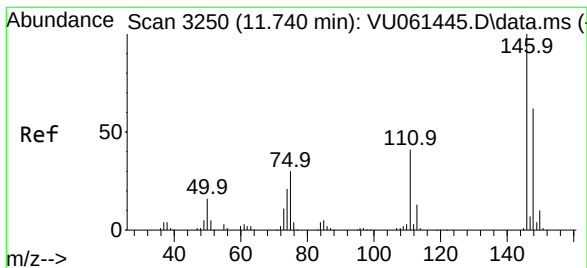
Tgt Ion:105 Resp: 193106

Ion Ratio Lower Upper

105 100

120 44.5 35.4 53.0





#64

1,3-Dichlorobenzene

Concen: 5.039 ug/L

RT: 11.737 min Scan# 32

Delta R.T. -0.003 min

Lab File: VU061464.D

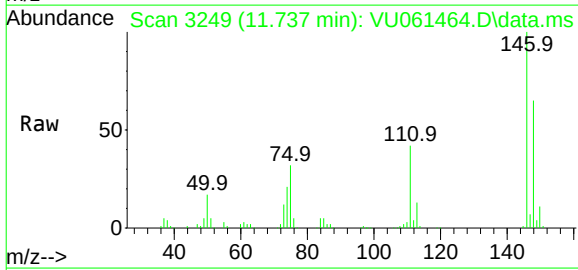
Acq: 05 Nov 2024 19:52

Instrument :

MSVOA_U

ClientSampleId :

C0CD2MS



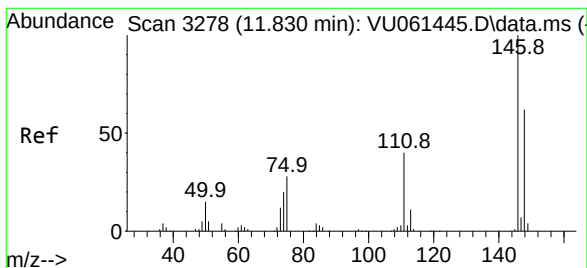
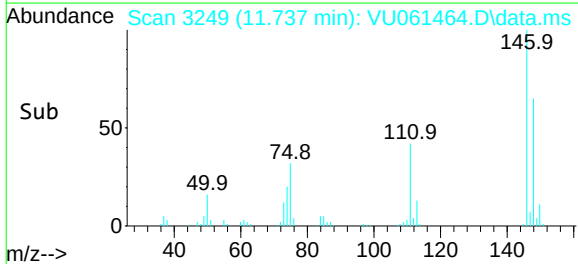
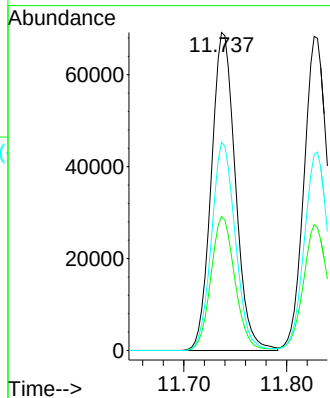
Tgt Ion:146 Resp: 112667

Ion Ratio Lower Upper

146 100

111 42.2 30.0 55.8

148 65.5 45.1 83.7



#65

1,4-Dichlorobenzene

Concen: 4.946 ug/L

RT: 11.827 min Scan# 3277

Delta R.T. -0.003 min

Lab File: VU061464.D

Acq: 05 Nov 2024 19:52

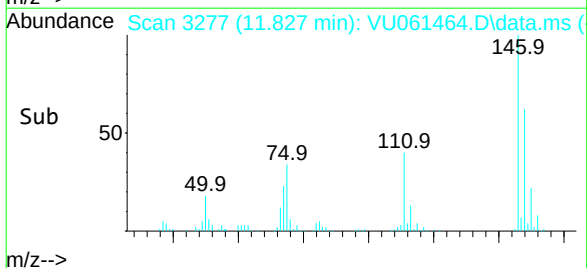
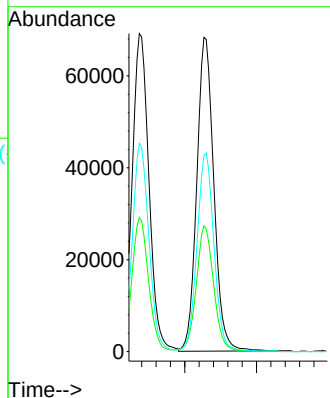
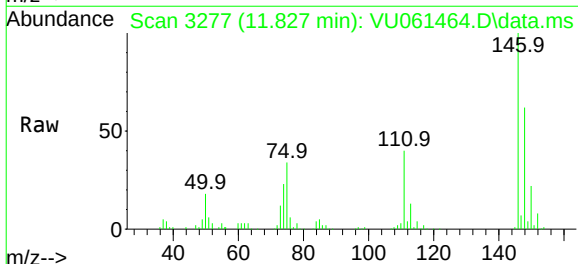
Tgt Ion:146 Resp: 112746

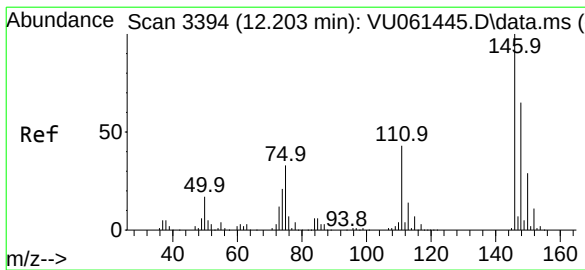
Ion Ratio Lower Upper

146 100

111 40.1 28.2 52.4

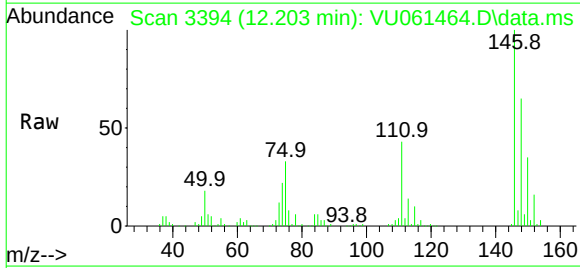
148 62.4 43.3 80.3



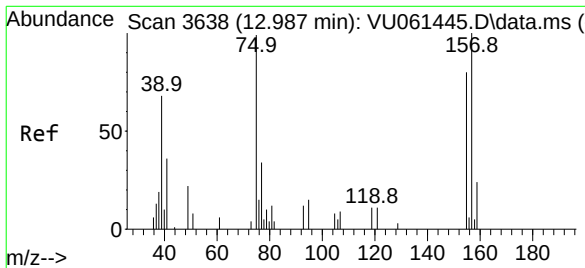
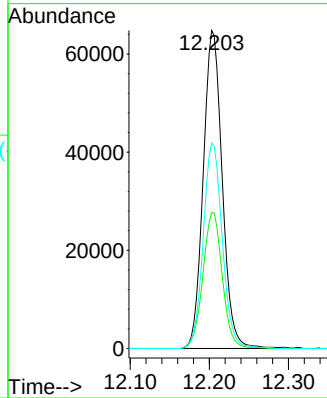
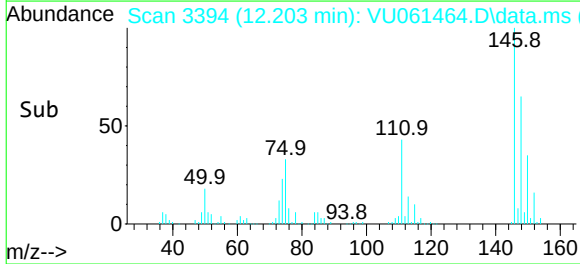


#67
1,2-Dichlorobenzene
Concen: 5.138 ug/L
RT: 12.203 min Scan# 3394
Delta R.T. 0.000 min
Lab File: VU061464.D
Acq: 05 Nov 2024 19:52

Instrument :
MSVOA_U
ClientSampleId :
C0CD2MS

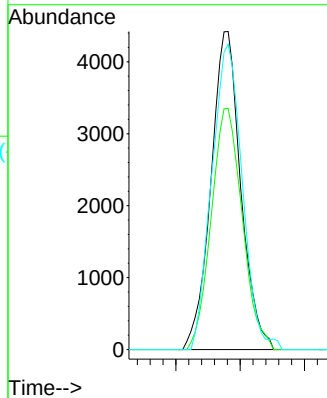
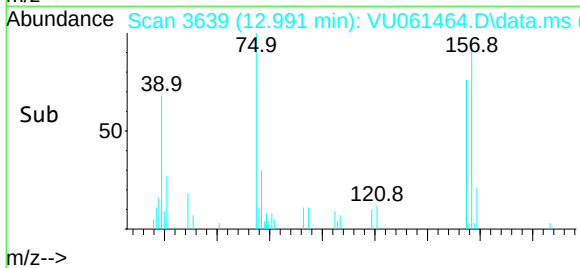
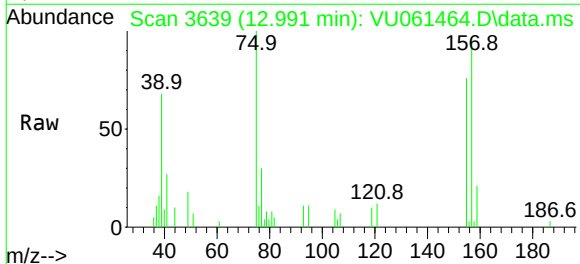


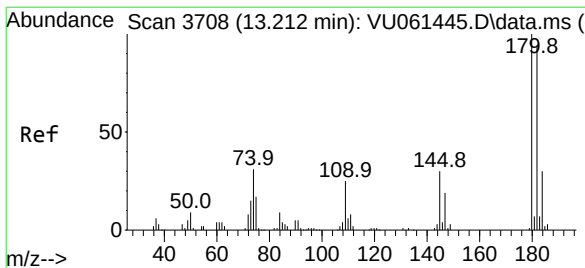
Tgt Ion:146 Resp: 108132
Ion Ratio Lower Upper
146 100
111 42.7 35.2 52.8
148 64.6 51.3 76.9



#68
1,2-Dibromo-3-chloropropane
Concen: 4.888 ug/L
RT: 12.991 min Scan# 3639
Delta R.T. 0.003 min
Lab File: VU061464.D
Acq: 05 Nov 2024 19:52

Tgt Ion: 75 Resp: 7111
Ion Ratio Lower Upper
75 100
155 75.8 69.3 103.9
157 96.0 81.4 122.2





#69

1,3,5-Trichlorobenzene

Concen: 5.004 ug/L

RT: 13.213 min Scan# 3708

Delta R.T. 0.000 min

Lab File: VU061464.D

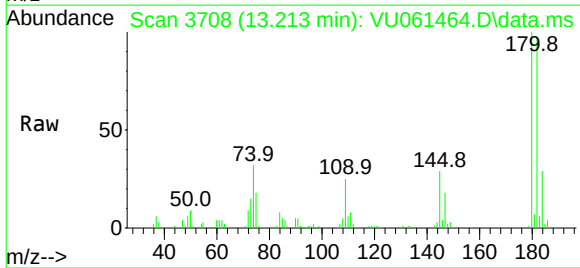
Acq: 05 Nov 2024 19:52

Instrument :

MSVOA_U

ClientSampleId :

C0CD2MS



Tgt Ion:180 Resp: 76703

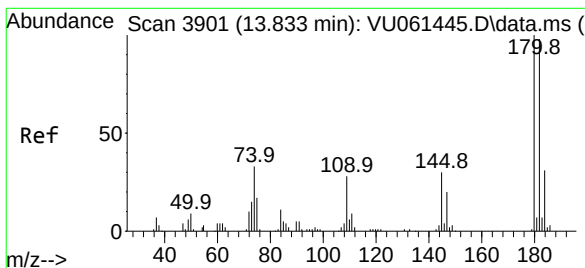
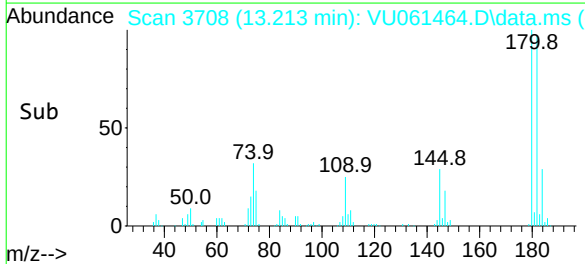
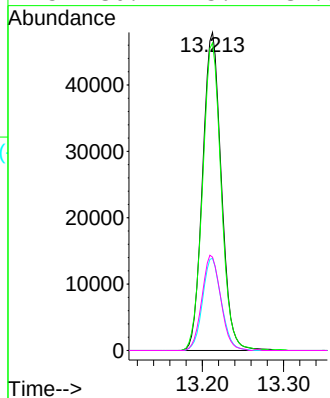
Ion Ratio Lower Upper

180 100

182 96.3 77.4 116.2

184 28.9 24.4 36.6

145 30.1 25.2 37.8



#70

1,2,4-trichlorobenzene

Concen: 5.054 ug/L

RT: 13.833 min Scan# 3901

Delta R.T. 0.000 min

Lab File: VU061464.D

Acq: 05 Nov 2024 19:52

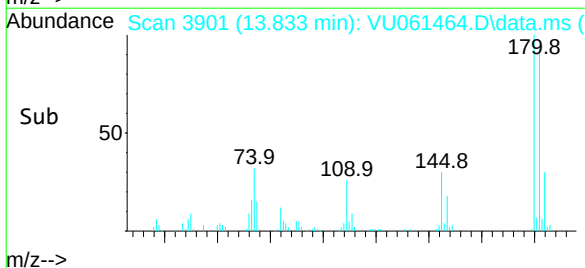
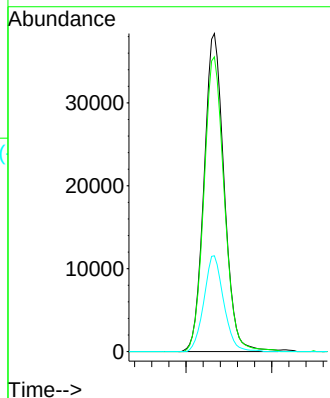
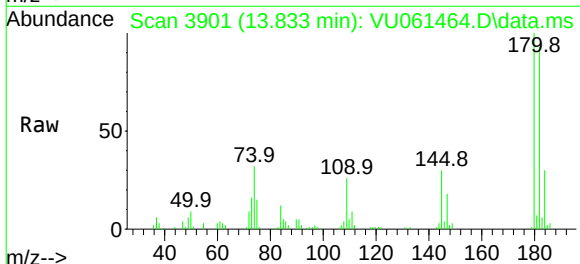
Tgt Ion:180 Resp: 62511

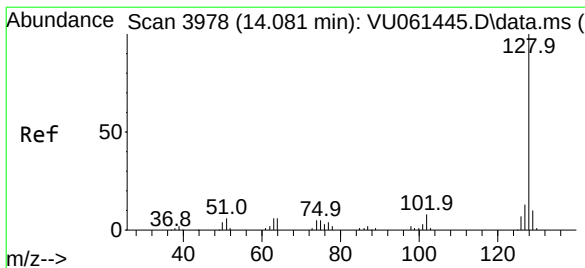
Ion Ratio Lower Upper

180 100

182 93.7 77.2 115.8

145 29.6 25.6 38.4





#71

Naphthalene

Concen: 4.740 ug/L

RT: 14.081 min Scan# 39

Delta R.T. 0.000 min

Lab File: VU061464.D

Acq: 05 Nov 2024 19:52

Instrument :

MSVOA_U

ClientSampleId :

C0CD2MS

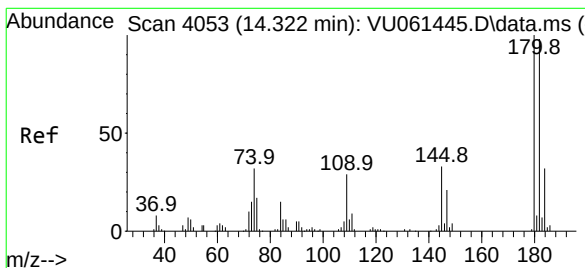
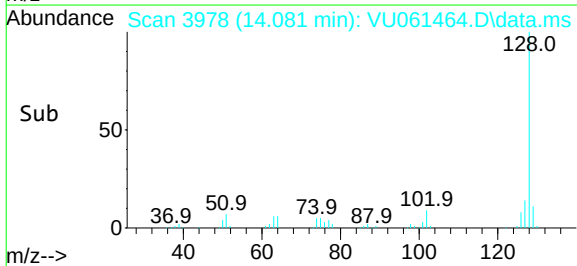
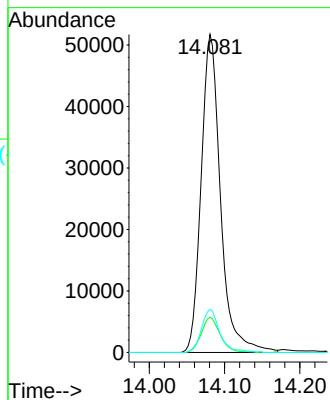
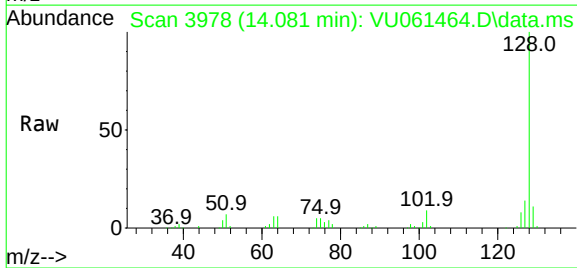
Tgt Ion:128 Resp: 92520

Ion Ratio Lower Upper

128 100

129 10.7 9.0 13.4

127 12.7 10.0 15.0



#72

1,2,3-Trichlorobenzene

Concen: 5.152 ug/L

RT: 14.322 min Scan# 4053

Delta R.T. 0.000 min

Lab File: VU061464.D

Acq: 05 Nov 2024 19:52

Tgt Ion:180 Resp: 53315

Ion Ratio Lower Upper

180 100

182 94.3 76.0 114.0

145 31.8 26.5 39.7

