

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU110424\
 Data File : VU061420.D
 Acq On : 04 Nov 2024 20:14
 Operator : MD/SY
 Sample : P4690-04MSD
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0CF5MSD

Quant Time: Nov 05 00:52:12 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR102324WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Nov 01 00:44:02 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	157550	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.409	117	147974	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	69477	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	33364	3.117	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	62.400%
7) Chloroethane-d5	1.907	69	41873	4.268	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	85.400%
11) 1,1-Dichloroethene-d2	2.560	65	15910	3.475	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	69.400%
20) 2-Butanone-d5	4.621	46	103315	47.547	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	95.100%
24) Chloroform-d	5.055	84	90888	4.474	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.400%
26) 1,2-Dichloroethane-d4	5.692	65	44861	4.430	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	88.600%
32) Benzene-d6	5.717	84	174284	4.180	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	83.600%
36) 1,2-Dichloropropane-d6	6.682	67	54170	4.321	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	86.400%
41) Toluene-d8	7.891	98	159231	4.084	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	81.600%
43) trans-1,3-Dichloroprop...	8.174	79	19927	3.894	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	77.800%
46) 2-Hexanone-d5	8.624	63	87452	41.728	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	83.460%
56) 1,1,2,2-Tetrachloroeth...	10.746	84	44752	4.721	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	94.400%
66) 1,2-Dichlorobenzene-d4	12.187	152	55662	4.524	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	90.400%
Target Compounds	Qvalue					
2) Dichlorodifluoromethane	1.383	85	53312	5.076	ug/L	98
3) Chloromethane	1.518	50	52446	4.735	ug/L	96
5) Vinyl chloride	1.599	62	59674	4.900	ug/L	100
6) Bromomethane	1.853	94	49746	6.165	ug/L	97
8) Chloroethane	1.927	64	46445	5.180	ug/L	100
9) Trichlorofluoromethane	2.132	101	87707	5.303	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.573	101	50376	5.129	ug/L	98
12) 1,1-Dichloroethene	2.573	96	46781	5.022	ug/L	90
13) Acetone	2.634	43	71163	51.708	ug/L	99
14) Carbon disulfide	2.785	76	133952	4.310	ug/L	99
15) Methyl Acetate	2.952	43	12999	3.814	ug/L	96
16) Methylene chloride	3.036	84	56769	5.172	ug/L	99
17) Methyl tert-butyl Ether	3.354	73	131418	5.206	ug/L	99
18) trans-1,2-Dichloroethene	3.345	96	53051	5.151	ug/L	95
19) 1,1-Dichloroethane	3.859	63	103605	5.333	ug/L	99
21) 2-Butanone	4.701	43	123309	56.517	ug/L	96
22) cis-1,2-Dichloroethene	4.656	96	63381	5.387	ug/L	96
23) Bromochloromethane	4.965	128	27387	5.532	ug/L	99
25) Chloroform	5.078	83	109670	5.369	ug/L	98

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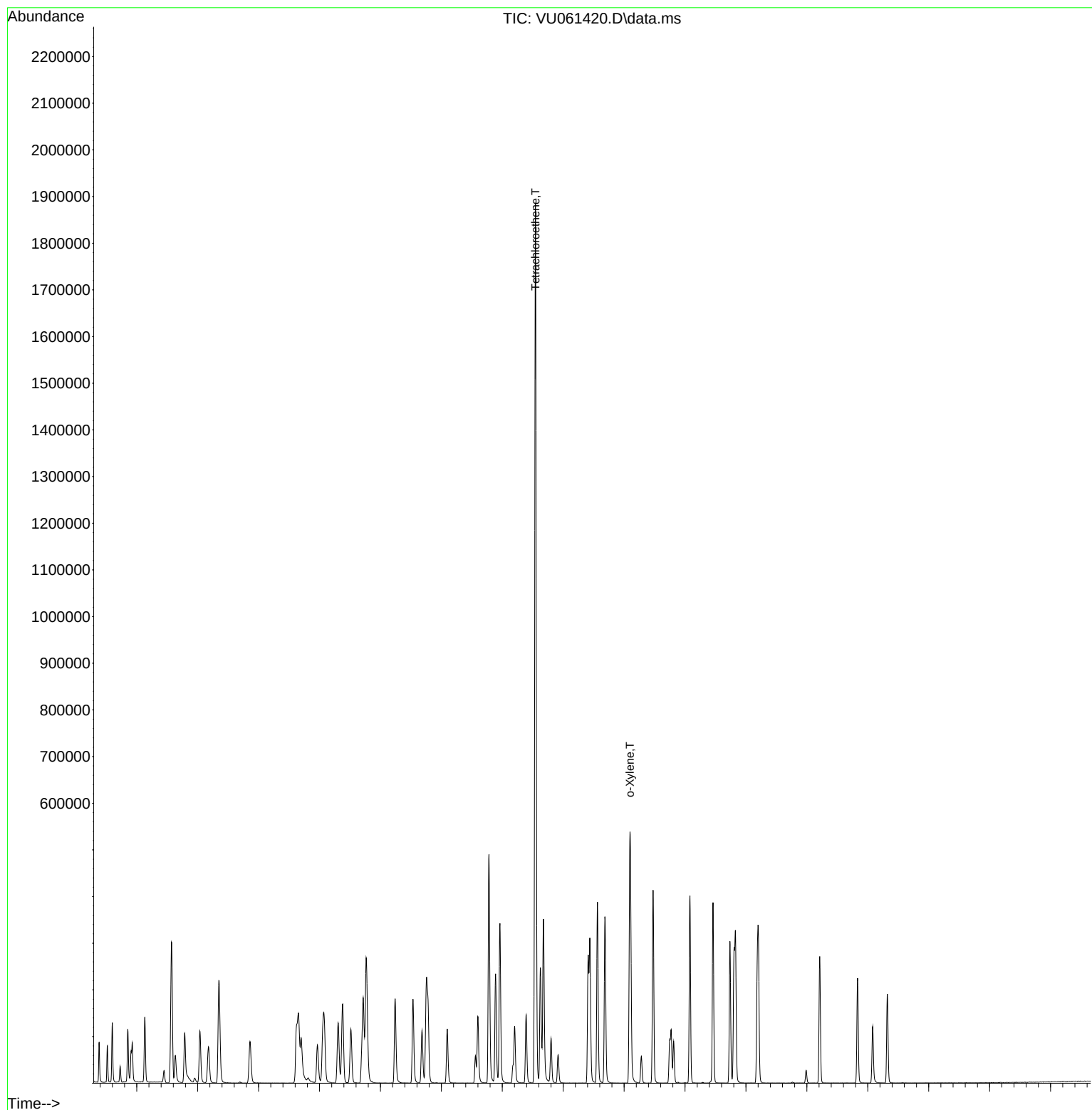
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.785	62	68456	5.303	ug/L	100
29) 1,1,1-Trichloroethane	5.306	97	94849	5.234	ug/L	100
30) Cyclohexane	5.380	56	84949	4.674	ug/L	98
31) Carbon tetrachloride	5.515	117	77714	5.012	ug/L	97
33) Benzene	5.766	78	240711	5.260	ug/L	100
34) Trichloroethene	6.534	95	63248	5.081	ug/L	99
35) Methylcyclohexane	6.756	83	91384	4.612	ug/L	100
37) 1,2-Dichloropropane	6.782	63	61965	5.342	ug/L	100
38) Bromodichloromethane	7.097	83	75831	5.165	ug/L	97
39) cis-1,3-Dichloropropene	7.602	75	87797	4.900	ug/L	100
40) 4-Methyl-2-pentanone	7.782	43	302050	52.319	ug/L	99
42) Toluene	7.962	91	260729	5.246	ug/L	100
44) trans-1,3-Dichloropropene	8.203	75	71272	4.882	ug/L	98
45) 1,1,2-Trichloroethane	8.393	97	45726	5.478	ug/L	98
47) Tetrachloroethene	8.544	164	401026	46.124	ug/L	99
48) 2-Hexanone	8.676	43	216617	53.060	ug/L	100
49) Dibromochloromethane	8.801	129	47484	5.015	ug/L	97
50) 1,2-Dibromoethane	8.917	107	42627	5.256	ug/L	97
51) Chlorobenzene	9.438	112	167904	5.345	ug/L	97
52) Ethylbenzene	9.563	91	280612	5.133	ug/L	100
53) m,p-Xylene	9.685	106	107625	5.168	ug/L	98
54) o-Xylene	10.093	106	106358	5.175	ug/L	98
55) Styrene	10.106	104	168607	5.117	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.772	83	54722	5.440	ug/L	99
59) Bromoform	10.283	173	25382	4.935	ug/L	98
60) Isopropylbenzene	10.476	105	278347	5.245	ug/L	100
61) 1,2,3-Trichloropropane	10.814	75	36861	5.326	ug/L	98
62) 1,3,5-Trimethylbenzene	11.081	105	218385	5.054	ug/L	100
63) 1,2,4-Trimethylbenzene	11.460	105	214357	5.019	ug/L	99
64) 1,3-Dichlorobenzene	11.736	146	120306	5.386	ug/L	100
65) 1,4-Dichlorobenzene	11.830	146	118585	5.208	ug/L	99
67) 1,2-Dichlorobenzene	12.206	146	114453	5.444	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.987	75	7180	4.941	ug/L	95
69) 1,3,5-Trichlorobenzene	13.212	180	82895	5.414	ug/L	98
70) 1,2,4-trichlorobenzene	13.833	180	67559	5.467	ug/L	97
71) Naphthalene	14.080	128	105034	5.387	ug/L	98
72) 1,2,3-Trichlorobenzene	14.322	180	59774	5.782	ug/L	98

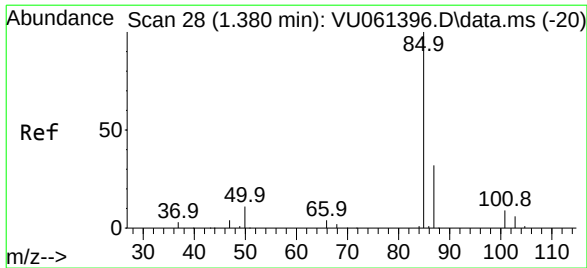
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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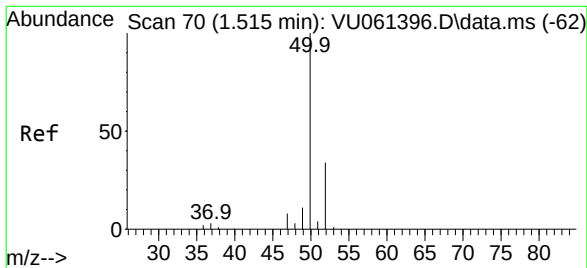
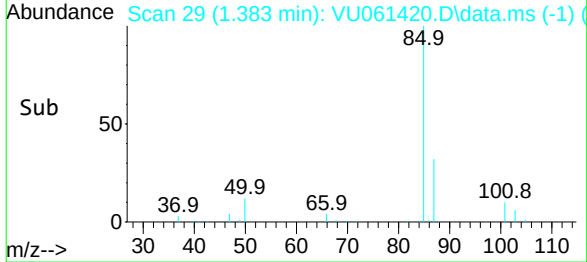
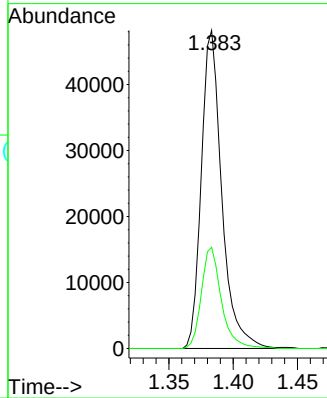
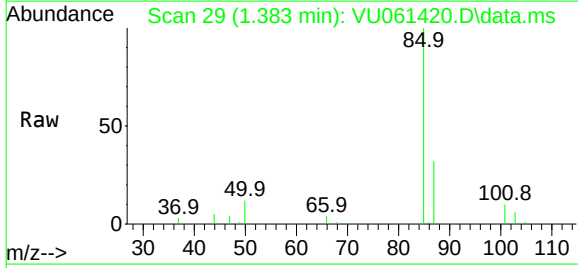




#2
Dichlorodifluoromethane
Concen: 5.076 ug/L
RT: 1.383 min Scan# 29
Delta R.T. -0.000 min
Lab File: VU061420.D
Acq: 04 Nov 2024 20:14

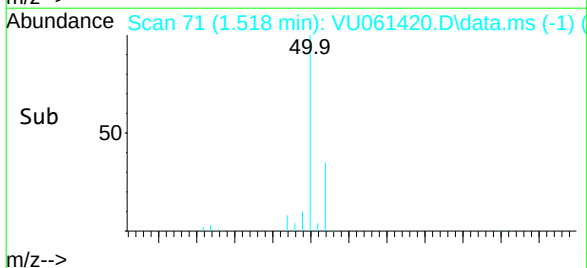
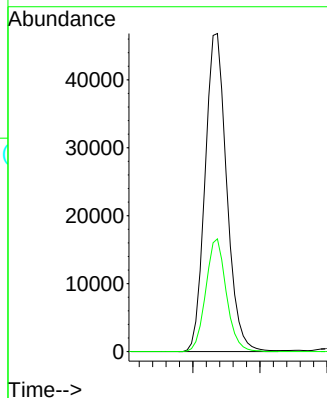
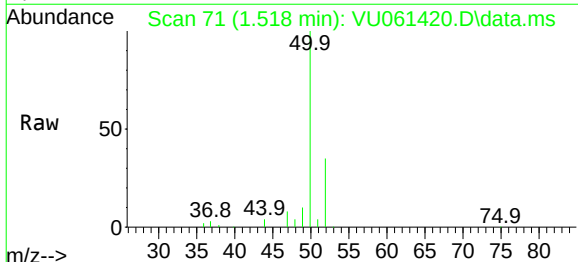
Instrument :
MSVOA_U
ClientSampleId :
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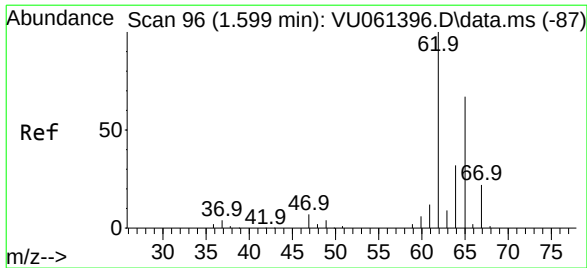
Tgt Ion: 85 Resp: 53312
Ion Ratio Lower Upper
85 100
87 31.1 25.7 38.5



#3
Chloromethane
Concen: 4.735 ug/L
RT: 1.518 min Scan# 71
Delta R.T. -0.000 min
Lab File: VU061420.D
Acq: 04 Nov 2024 20:14

Tgt Ion: 50 Resp: 52446
Ion Ratio Lower Upper
50 100
52 35.4 23.4 43.4

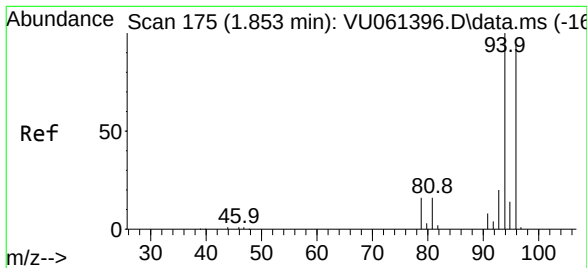
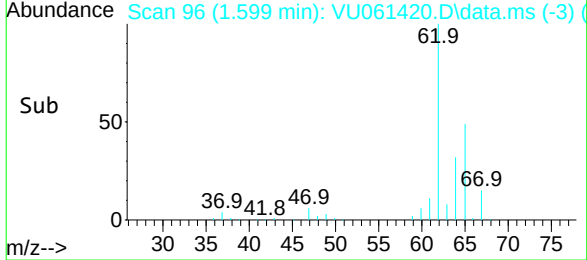
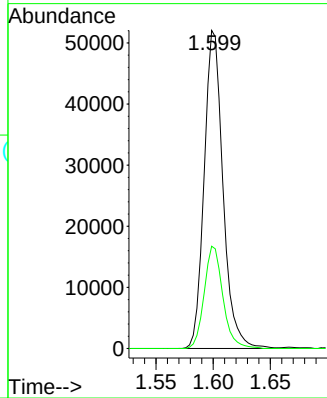
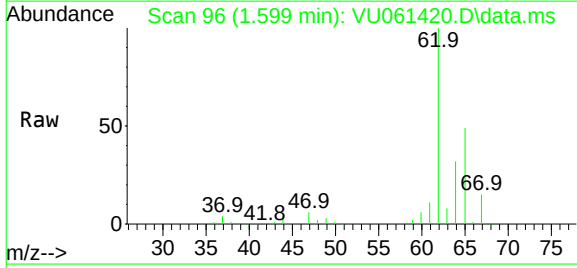




#5
 Vinyl chloride
 Concen: 4.900 ug/L
 RT: 1.599 min Scan# 96
 Delta R.T. -0.000 min
 Lab File: VU061420.D
 Acq: 04 Nov 2024 20:14

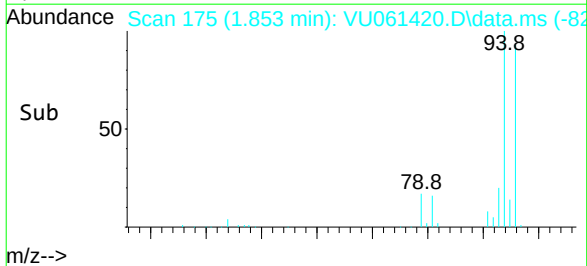
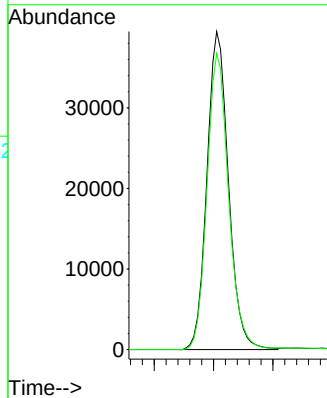
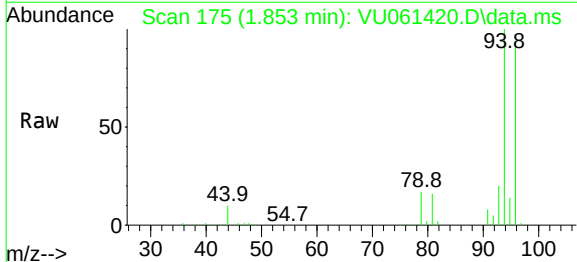
Instrument :
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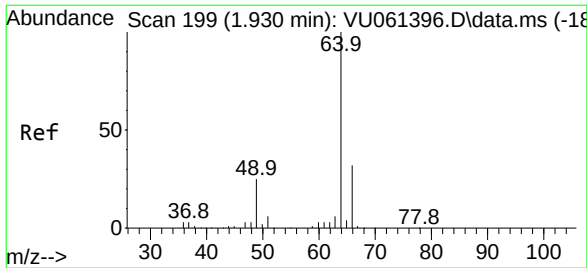
Tgt Ion: 62 Resp: 59674
 Ion Ratio Lower Upper
 62 100
 64 32.2 22.6 42.0



#6
 Bromomethane
 Concen: 6.165 ug/L
 RT: 1.853 min Scan# 175
 Delta R.T. -0.000 min
 Lab File: VU061420.D
 Acq: 04 Nov 2024 20:14

Tgt Ion: 94 Resp: 49746
 Ion Ratio Lower Upper
 94 100
 96 93.1 66.9 124.3

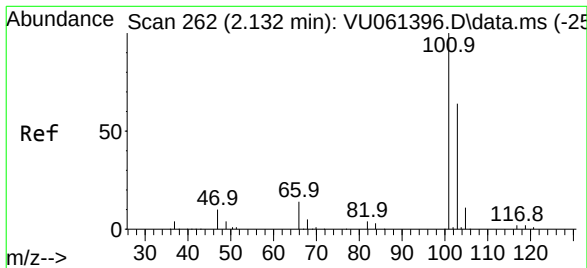
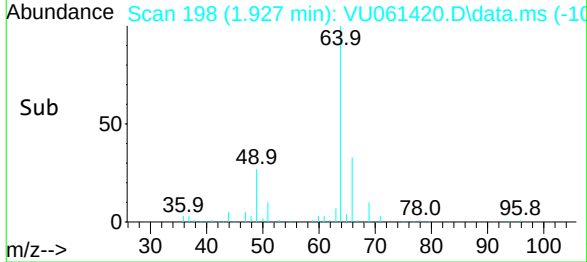
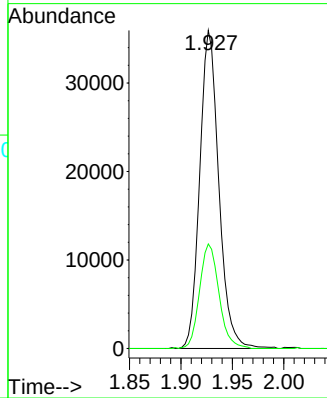
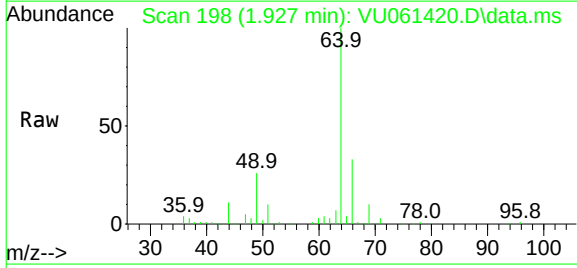




#8
Chloroethane
Concen: 5.180 ug/L
RT: 1.927 min Scan# 199
Delta R.T. -0.003 min
Lab File: VU061420.D
Acq: 04 Nov 2024 20:14

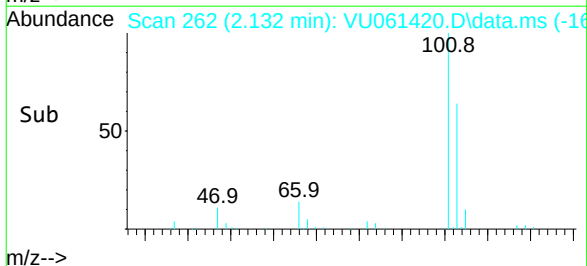
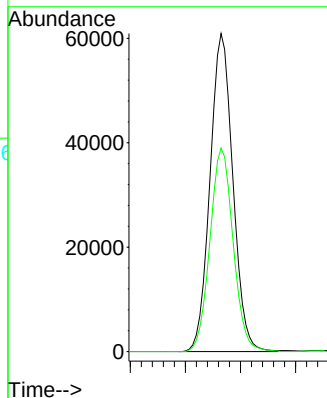
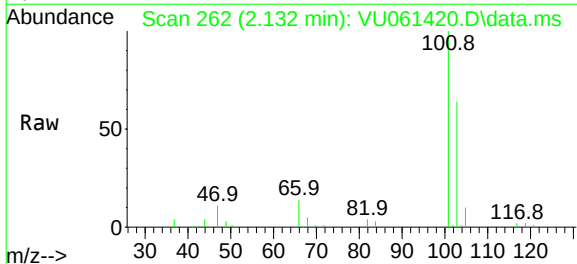
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ClientSampleId :
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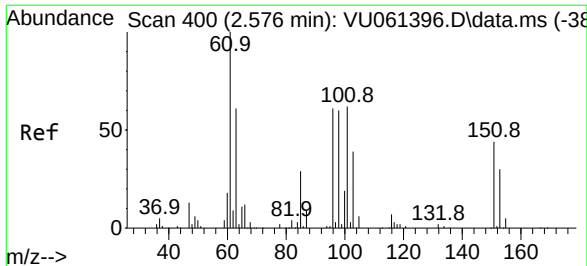
Tgt Ion: 64 Resp: 46445
Ion Ratio Lower Upper
64 100
66 32.9 23.1 42.9



#9
Trichlorofluoromethane
Concen: 5.303 ug/L
RT: 2.132 min Scan# 262
Delta R.T. -0.000 min
Lab File: VU061420.D
Acq: 04 Nov 2024 20:14

Tgt Ion: 101 Resp: 87707
Ion Ratio Lower Upper
101 100
103 65.0 50.6 75.8

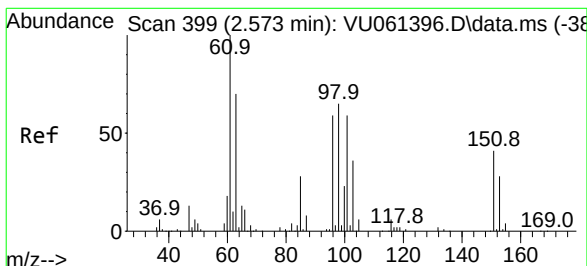
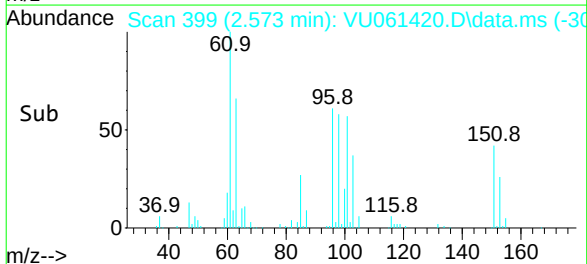
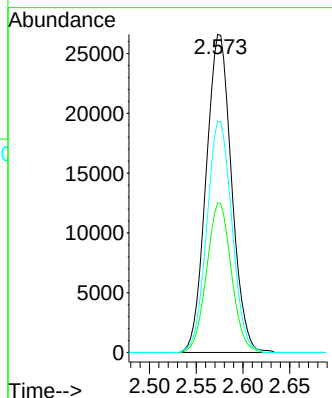
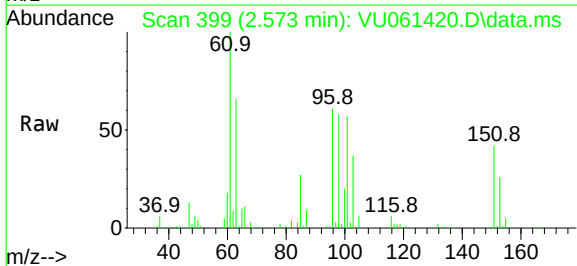




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 5.129 ug/L
RT: 2.573 min Scan# 399
Delta R.T. -0.000 min
Lab File: VU061420.D
Acq: 04 Nov 2024 20:14

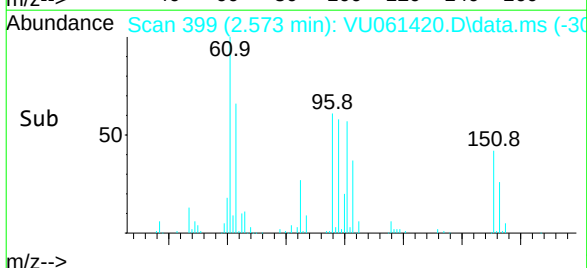
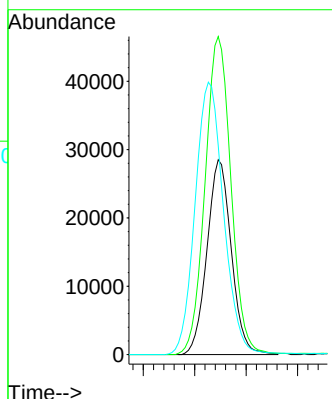
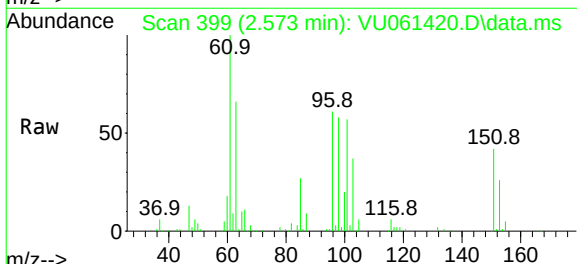
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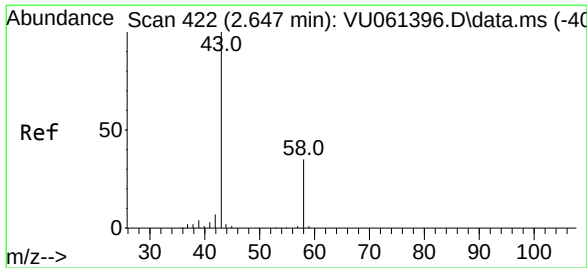
Tgt Ion: 101 Resp: 50376
Ion Ratio Lower Upper
101 100
85 45.6 35.6 53.4
151 71.9 55.9 83.9



#12
1,1-Dichloroethene
Concen: 5.022 ug/L
RT: 2.573 min Scan# 399
Delta R.T. -0.000 min
Lab File: VU061420.D
Acq: 04 Nov 2024 20:14

Tgt Ion: 96 Resp: 46781
Ion Ratio Lower Upper
96 100
61 163.2 119.1 221.1
63 107.2 89.4 166.0





#13

Acetone

Concen: 51.708 ug/L

RT: 2.634 min Scan# 41

Delta R.T. -0.010 min

Lab File: VU061420.D

Acq: 04 Nov 2024 20:14

Instrument :

MSVOA_U

ClientSampleId :

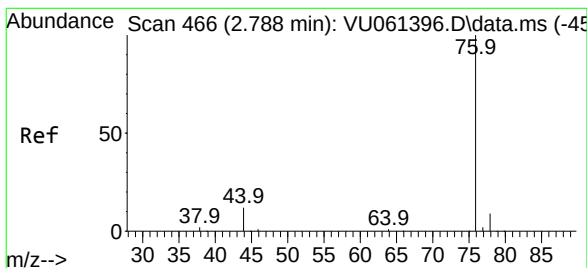
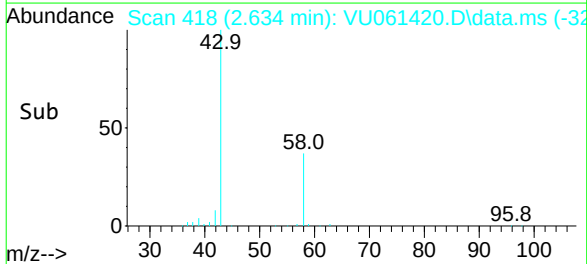
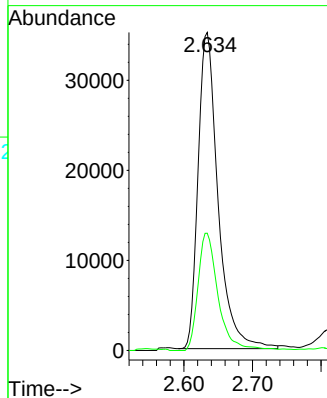
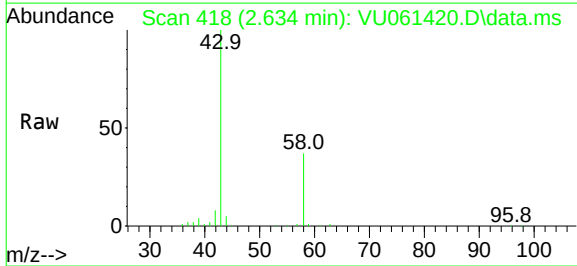
C0CF5MSD

Tgt Ion: 43 Resp: 71163

Ion Ratio Lower Upper

43 100

58 37.4 0.0 73.2



#14

Carbon disulfide

Concen: 4.310 ug/L

RT: 2.785 min Scan# 465

Delta R.T. -0.003 min

Lab File: VU061420.D

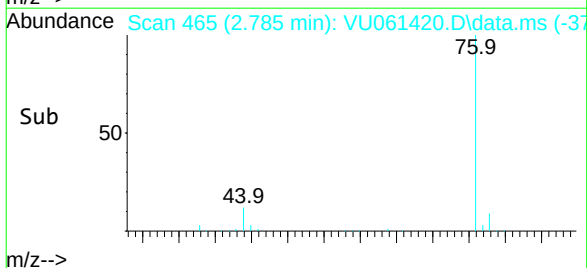
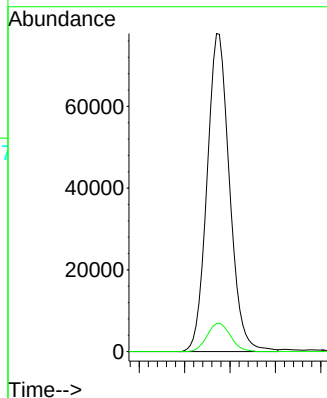
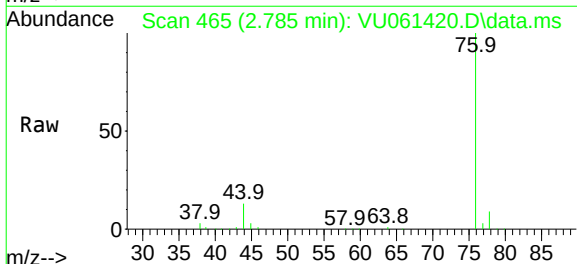
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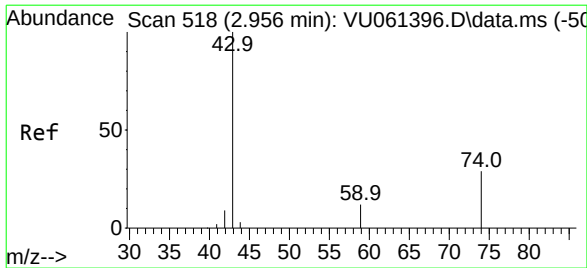
Tgt Ion: 76 Resp: 133952

Ion Ratio Lower Upper

76 100

78 8.8 7.4 11.2

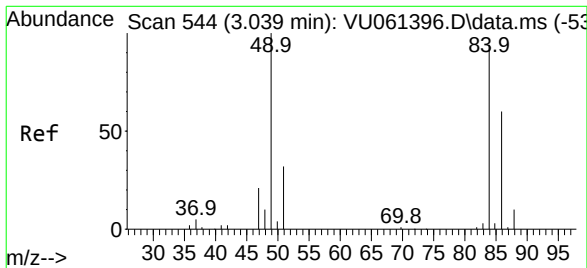
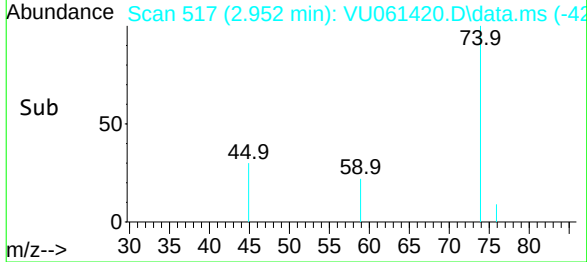
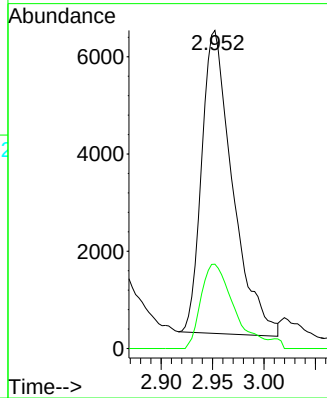
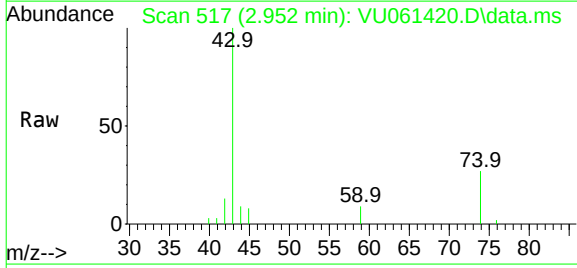




#15
Methyl Acetate
Concen: 3.814 ug/L
RT: 2.952 min Scan# 51
Delta R.T. -0.000 min
Lab File: VU061420.D
Acq: 04 Nov 2024 20:14

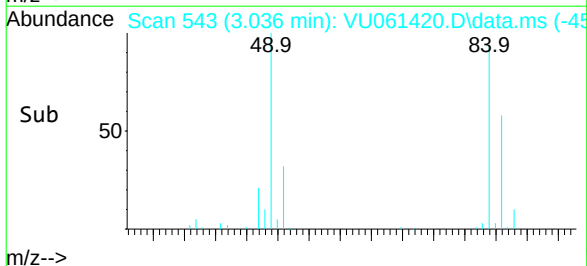
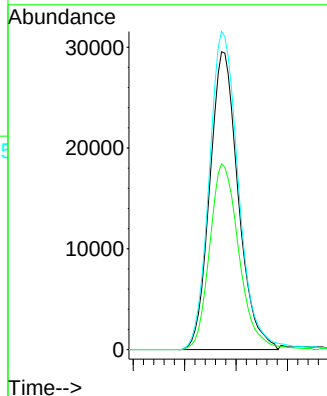
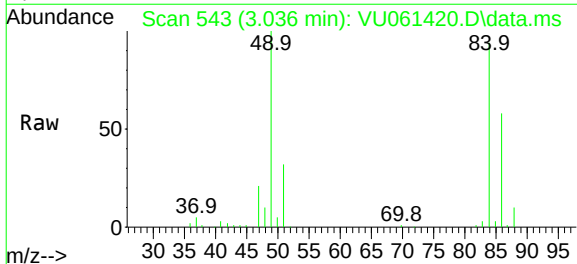
Instrument :
MSVOA_U
ClientSampleId :
C0CF5MSD

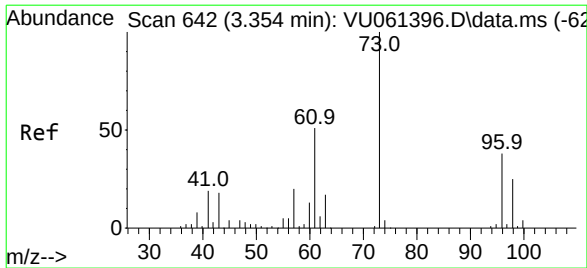
Tgt Ion: 43 Resp: 12999
Ion Ratio Lower Upper
43 100
74 29.7 22.2 33.4



#16
Methylene chloride
Concen: 5.172 ug/L
RT: 3.036 min Scan# 543
Delta R.T. -0.003 min
Lab File: VU061420.D
Acq: 04 Nov 2024 20:14

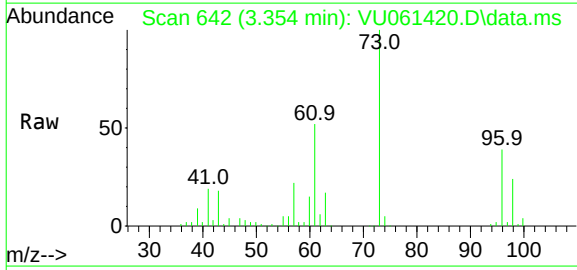
Tgt Ion: 84 Resp: 56769
Ion Ratio Lower Upper
84 100
86 62.4 43.5 80.7
49 106.8 75.7 140.7



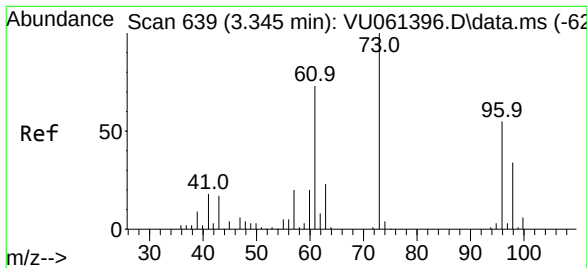
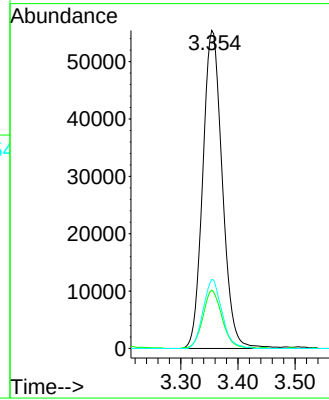
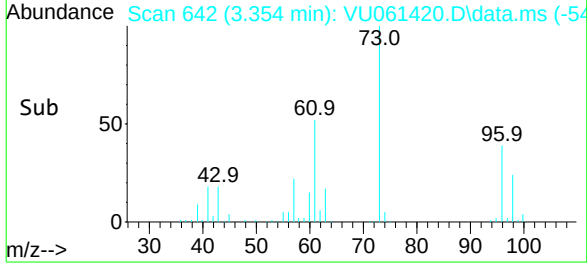


#17
Methyl tert-butyl Ether
Concen: 5.206 ug/L
RT: 3.354 min Scan# 642
Delta R.T. -0.000 min
Lab File: VU061420.D
Acq: 04 Nov 2024 20:14

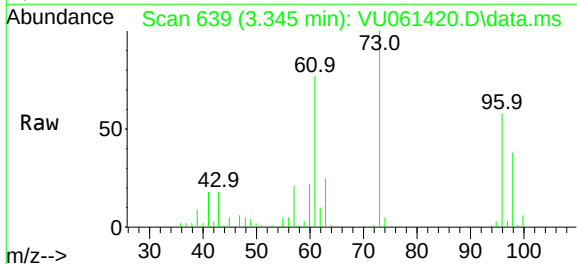
Instrument :
MSVOA_U
ClientSampleId :
C0CF5MSD



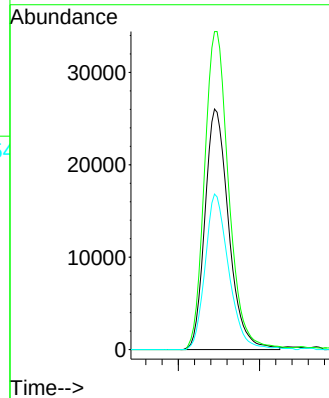
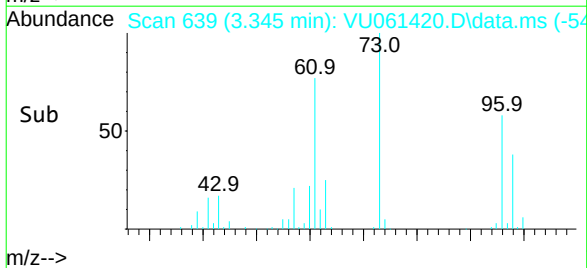
Tgt Ion: 73 Resp: 131418
Ion Ratio Lower Upper
73 100
43 18.0 15.0 22.4
57 21.0 17.0 25.6

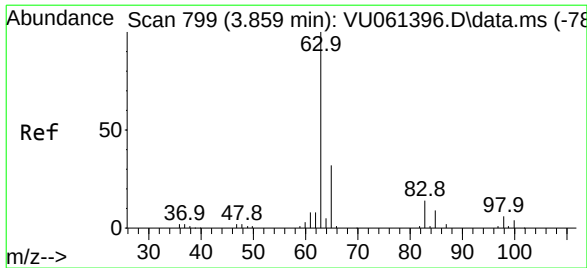


#18
trans-1,2-Dichloroethene
Concen: 5.151 ug/L
RT: 3.345 min Scan# 639
Delta R.T. -0.003 min
Lab File: VU061420.D
Acq: 04 Nov 2024 20:14



Tgt Ion: 96 Resp: 53051
Ion Ratio Lower Upper
96 100
61 132.2 97.9 181.7
98 64.6 46.2 85.8

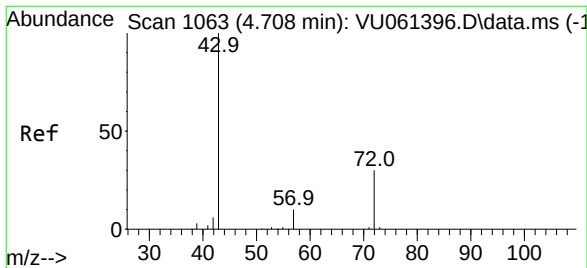
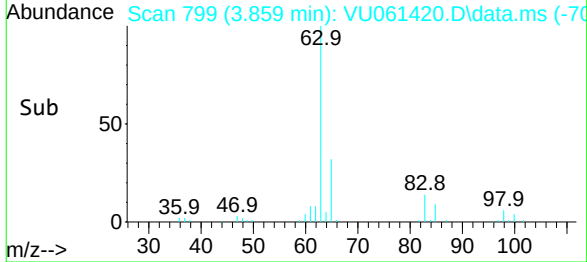
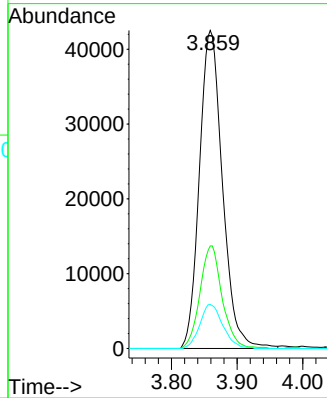
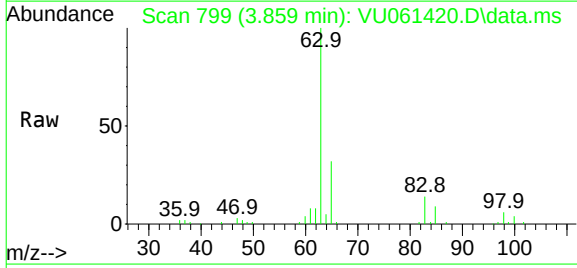




#19
1,1-Dichloroethane
Concen: 5.333 ug/L
RT: 3.859 min Scan# 799
Delta R.T. -0.003 min
Lab File: VU061420.D
Acq: 04 Nov 2024 20:14

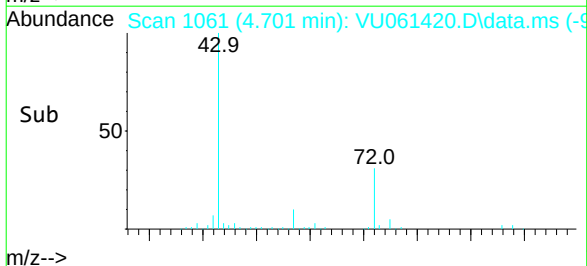
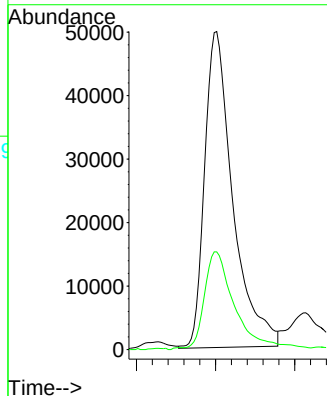
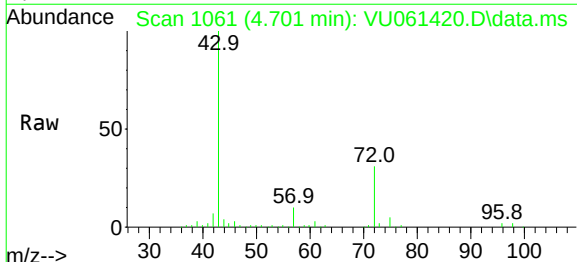
Instrument :
MSVOA_U
ClientSampleId :
C0CF5MSD

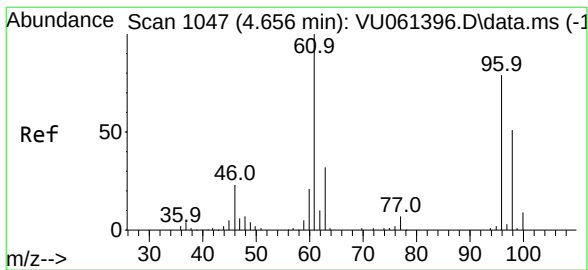
Tgt Ion: 63 Resp: 103605
Ion Ratio Lower Upper
63 100
65 32.2 23.0 42.6
83 13.8 9.7 17.9



#21
2-Butanone
Concen: 56.517 ug/L
RT: 4.701 min Scan# 1061
Delta R.T. -0.003 min
Lab File: VU061420.D
Acq: 04 Nov 2024 20:14

Tgt Ion: 43 Resp: 123309
Ion Ratio Lower Upper
43 100
72 33.7 15.9 47.6

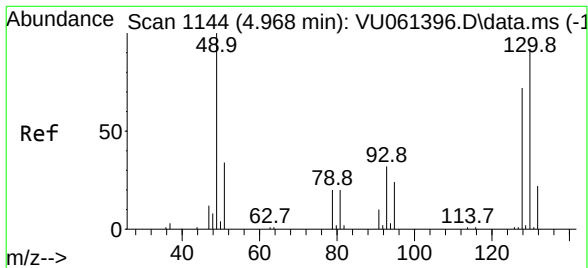
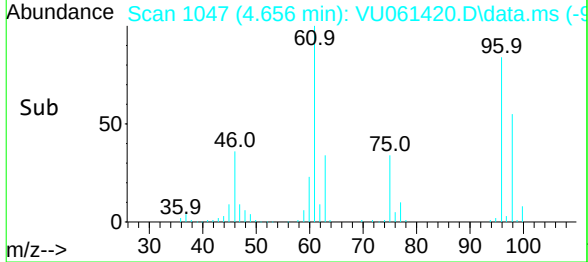
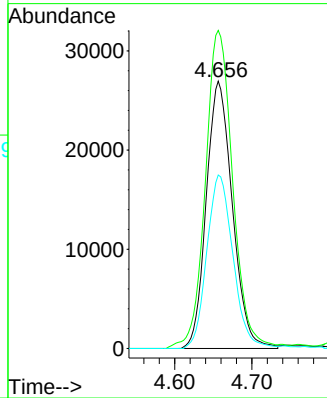
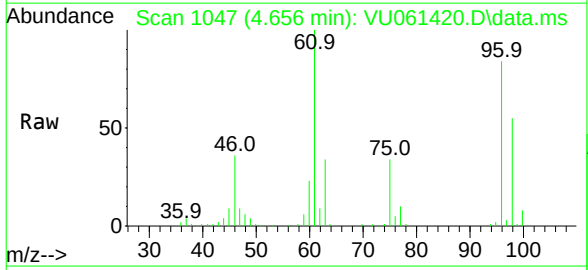




#22
 cis-1,2-Dichloroethene
 Concen: 5.387 ug/L
 RT: 4.656 min Scan# 1047
 Delta R.T. -0.003 min
 Lab File: VU061420.D
 Acq: 04 Nov 2024 20:14

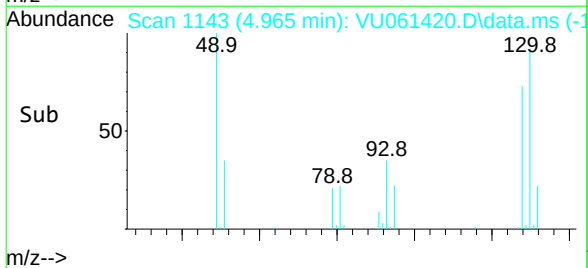
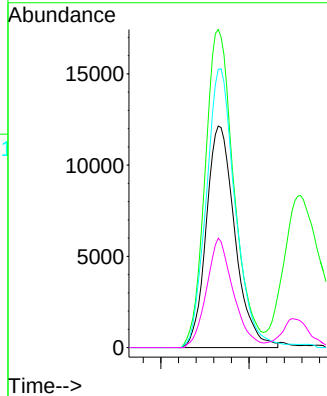
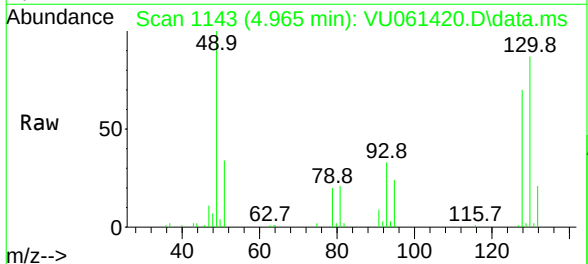
Instrument :
 MSVOA_U
 ClientSampleId :
 C0CF5MSD

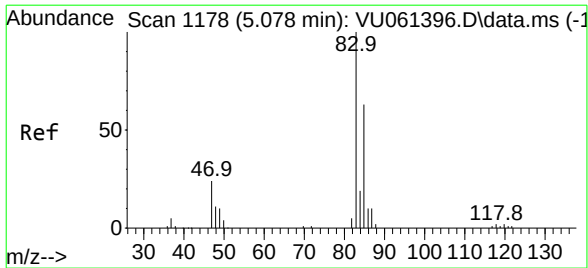
Tgt Ion:	96	Resp:	63381
Ion	Ratio	Lower	Upper
96	100		
61	119.0	88.1	163.5
98	64.9	45.0	83.6



#23
 Bromochloromethane
 Concen: 5.532 ug/L
 RT: 4.965 min Scan# 1143
 Delta R.T. -0.003 min
 Lab File: VU061420.D
 Acq: 04 Nov 2024 20:14

Tgt Ion:	128	Resp:	27387
Ion	Ratio	Lower	Upper
128	100		
49	149.1	105.1	195.1
130	125.6	89.6	166.4
51	49.4	38.7	58.1

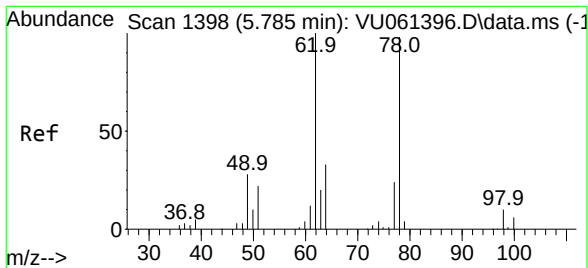
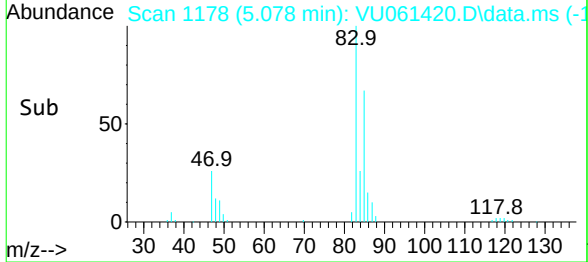
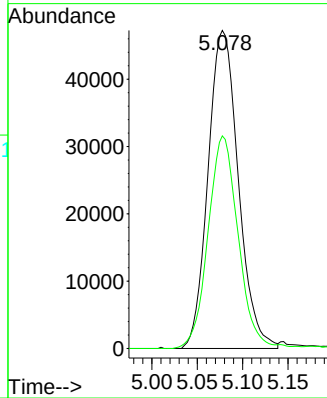
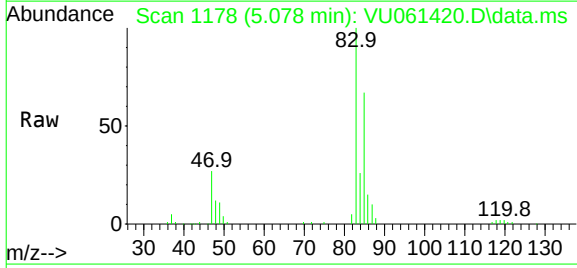




#25
Chloroform
Concen: 5.369 ug/L
RT: 5.078 min Scan# 1178
Delta R.T. -0.000 min
Lab File: VU061420.D
Acq: 04 Nov 2024 20:14

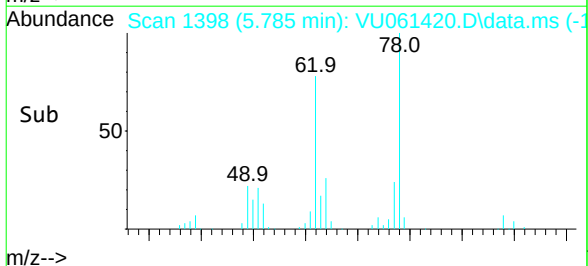
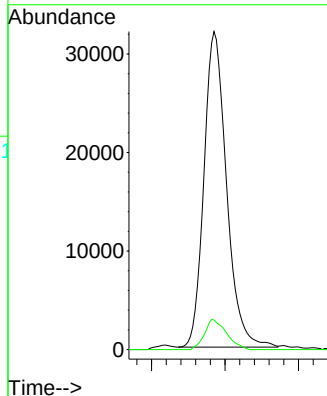
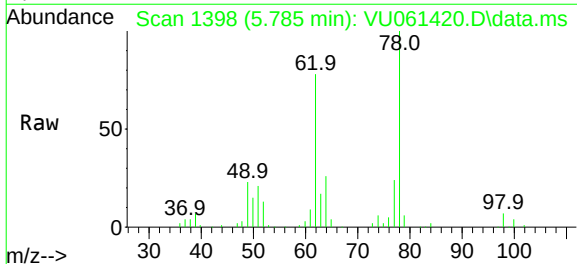
Instrument :
MSVOA_U
ClientSampleId :
C0CF5MSD

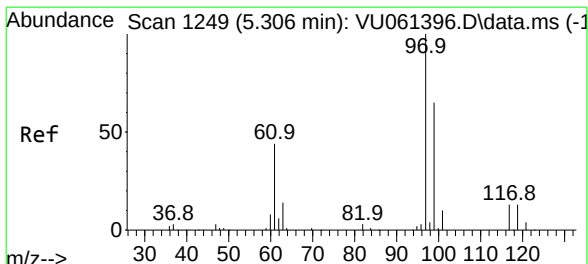
Tgt Ion: 83 Resp: 109670
Ion Ratio Lower Upper
83 100
85 66.8 45.6 84.6



#27
1,2-Dichloroethane
Concen: 5.303 ug/L
RT: 5.785 min Scan# 1398
Delta R.T. -0.000 min
Lab File: VU061420.D
Acq: 04 Nov 2024 20:14

Tgt Ion: 62 Resp: 68456
Ion Ratio Lower Upper
62 100
98 9.3 7.4 11.0

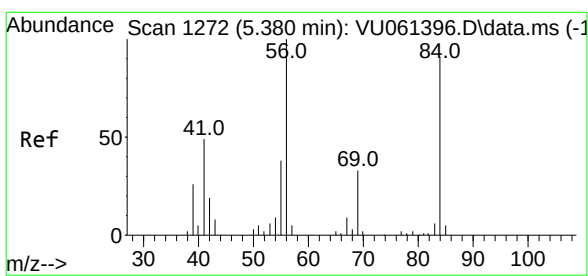
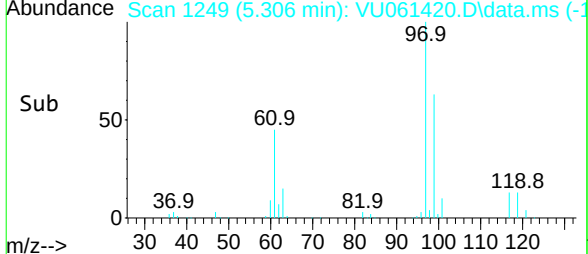
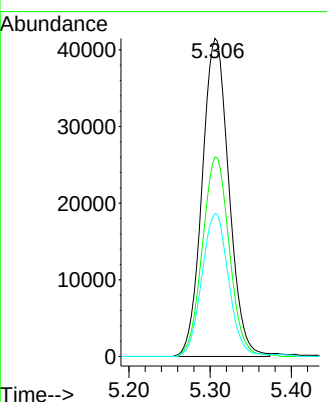
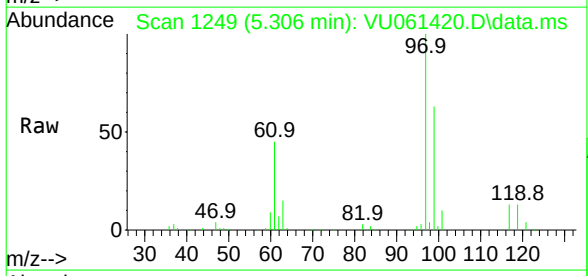




#29
 1,1,1-Trichloroethane
 Concen: 5.234 ug/L
 RT: 5.306 min Scan# 1219
 Delta R.T. -0.000 min
 Lab File: VU061420.D
 Acq: 04 Nov 2024 20:14

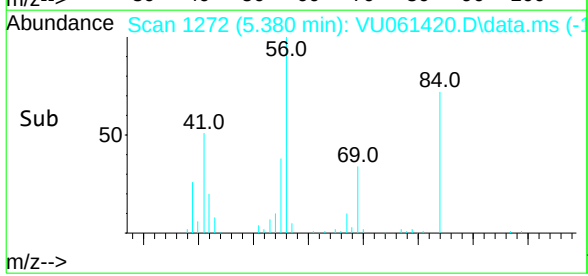
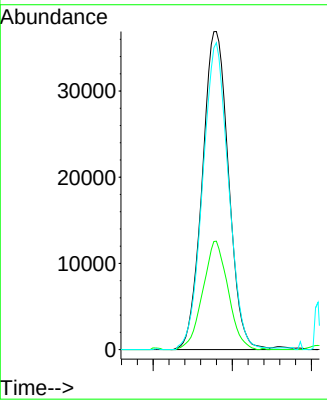
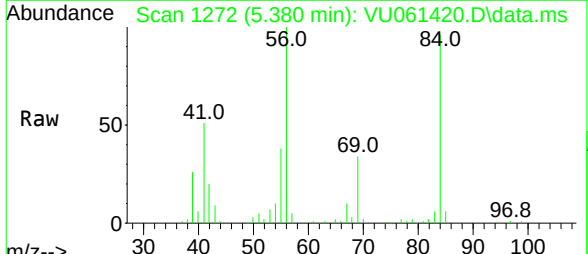
Instrument :
 MSVOA_U
 ClientSampleId :
 C0CF5MSD

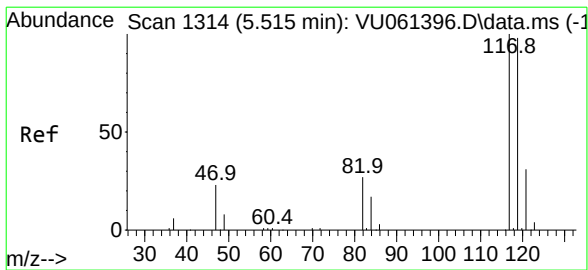
Tgt Ion:	97	Resp:	94849
Ion	Ratio	Lower	Upper
97	100		
99	63.2	50.8	76.2
61	45.0	36.1	54.1



#30
 Cyclohexane
 Concen: 4.674 ug/L
 RT: 5.380 min Scan# 1272
 Delta R.T. -0.000 min
 Lab File: VU061420.D
 Acq: 04 Nov 2024 20:14

Tgt Ion:	56	Resp:	84949
Ion	Ratio	Lower	Upper
56	100		
69	32.9	25.8	38.6
84	94.9	73.9	110.9

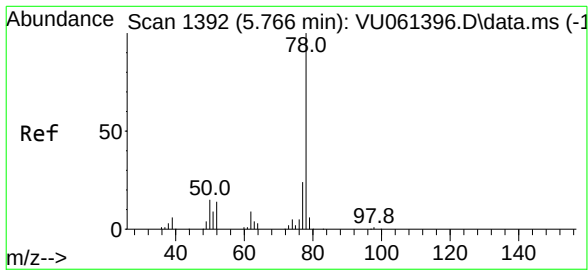
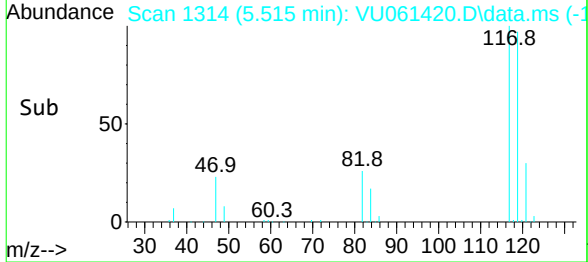
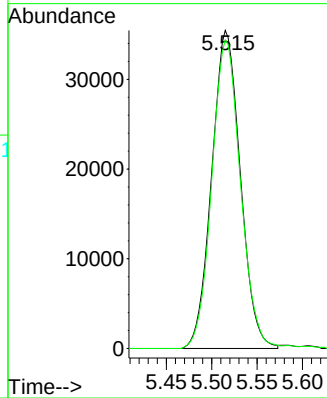
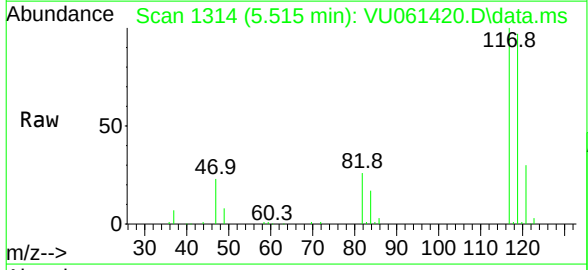




#31
Carbon tetrachloride
Concen: 5.012 ug/L
RT: 5.515 min Scan# 1314
Delta R.T. -0.000 min
Lab File: VU061420.D
Acq: 04 Nov 2024 20:14

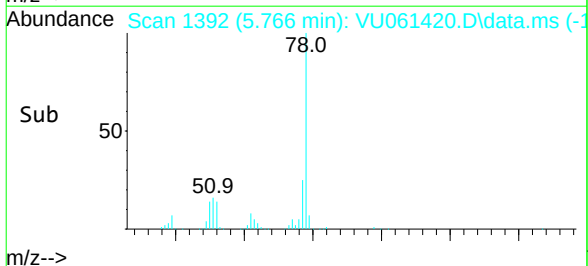
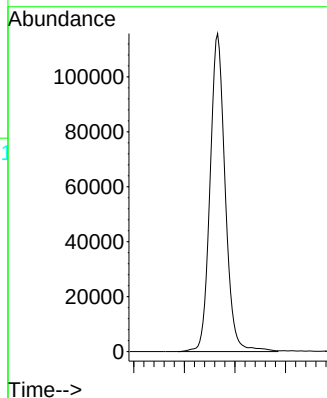
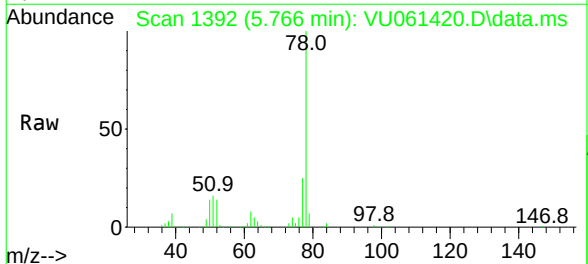
Instrument :
MSVOA_U
ClientSampleId :
C0CF5MSD

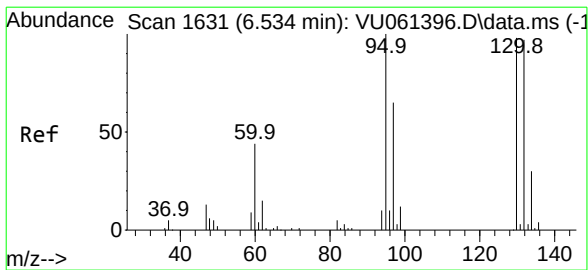
Tgt Ion:117 Resp: 77714
Ion Ratio Lower Upper
117 100
119 97.1 75.5 113.3



#33
Benzene
Concen: 5.260 ug/L
RT: 5.766 min Scan# 1392
Delta R.T. -0.000 min
Lab File: VU061420.D
Acq: 04 Nov 2024 20:14

Tgt Ion: 78 Resp: 240711





#34

Trichloroethene

Concen: 5.081 ug/L

RT: 6.534 min Scan# 16

Delta R.T. -0.000 min

Lab File: VU061420.D

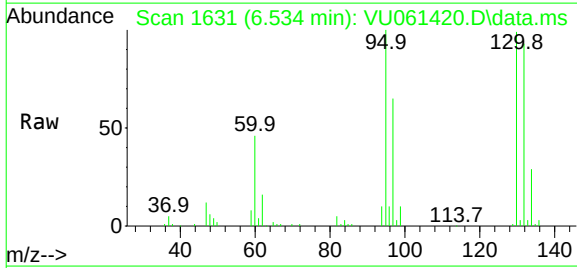
Acq: 04 Nov 2024 20:14

Instrument :

MSVOA_U

ClientSampleId :

C0CF5MSD



Tgt Ion: 95 Resp: 63248

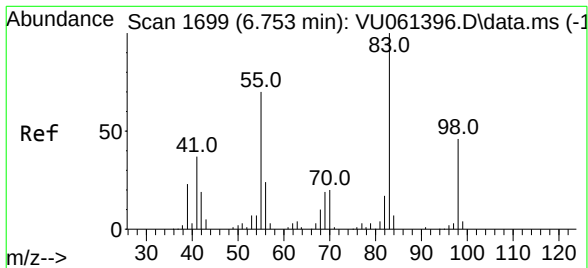
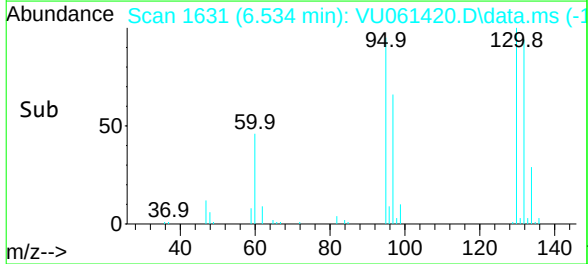
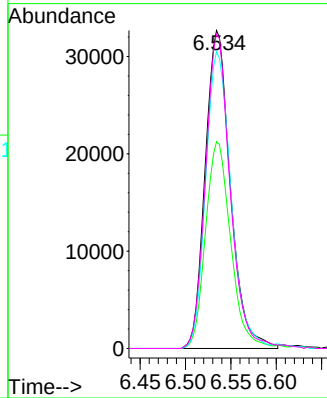
Ion Ratio Lower Upper

95 100

97 65.0 46.1 85.7

132 93.3 66.1 122.7

130 98.8 69.0 128.2



#35

Methylcyclohexane

Concen: 4.612 ug/L

RT: 6.756 min Scan# 1700

Delta R.T. 0.003 min

Lab File: VU061420.D

Acq: 04 Nov 2024 20:14

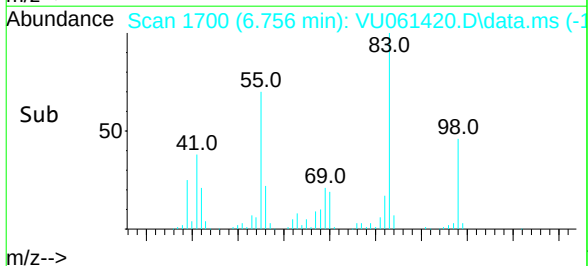
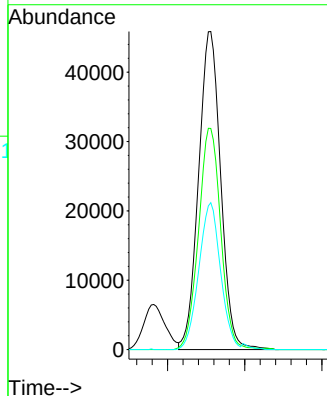
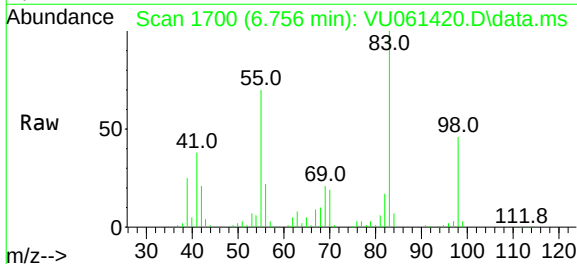
Tgt Ion: 83 Resp: 91384

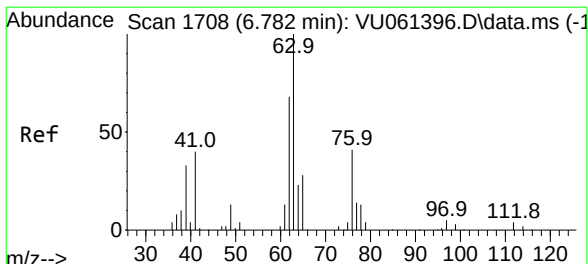
Ion Ratio Lower Upper

83 100

55 69.7 55.9 83.9

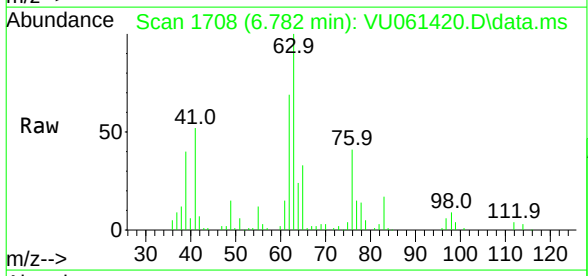
98 45.3 35.9 53.9



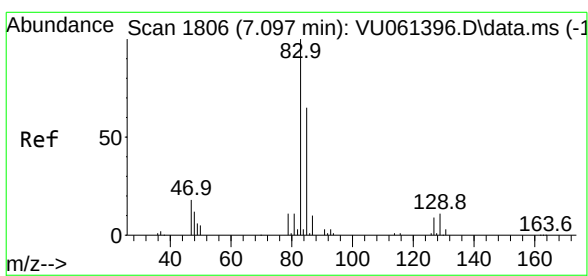
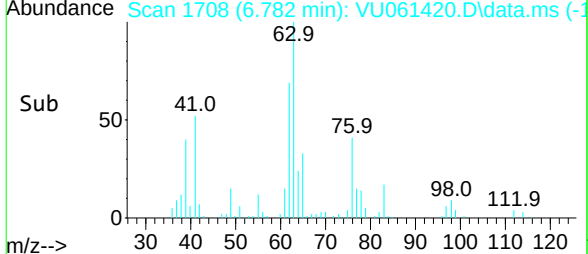
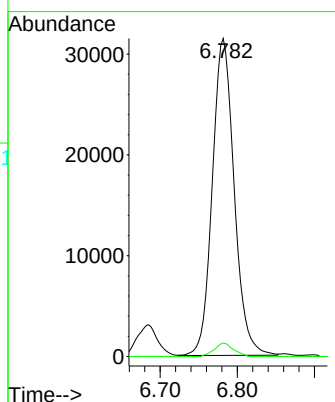


#37
 1,2-Dichloropropane
 Concen: 5.342 ug/L
 RT: 6.782 min Scan# 1708
 Delta R.T. -0.000 min
 Lab File: VU061420.D
 Acq: 04 Nov 2024 20:14

Instrument :
 MSVOA_U
 ClientSampleId :
 C0CF5MSD

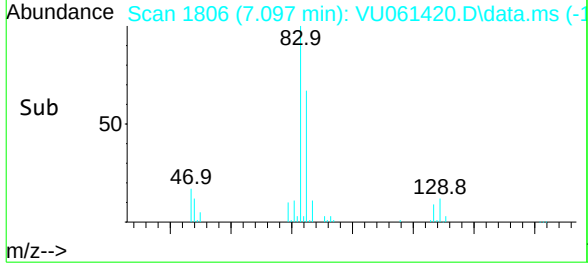
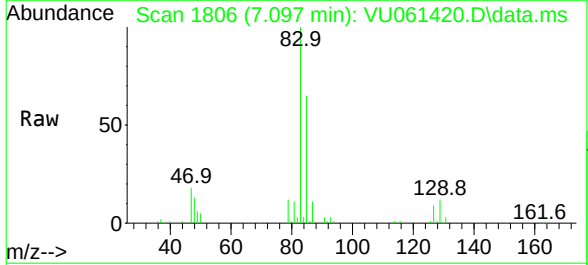
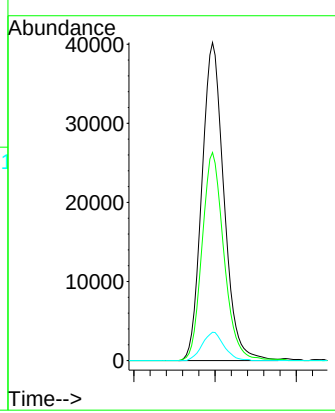


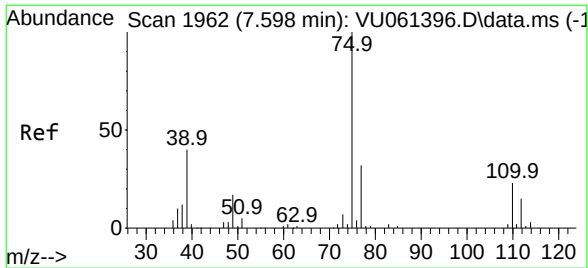
Tgt Ion:	63	Resp:	61965
Ion Ratio	Lower	Upper	
63	100		
112	3.7	3.0	4.4



#38
 Bromodichloromethane
 Concen: 5.165 ug/L
 RT: 7.097 min Scan# 1806
 Delta R.T. -0.000 min
 Lab File: VU061420.D
 Acq: 04 Nov 2024 20:14

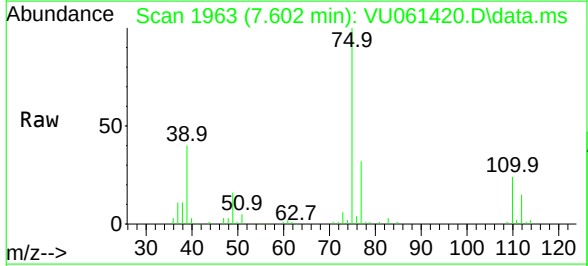
Tgt Ion:	83	Resp:	75831
Ion Ratio	Lower	Upper	
83	100		
85	65.4	43.8	81.4
127	8.9	7.4	11.0



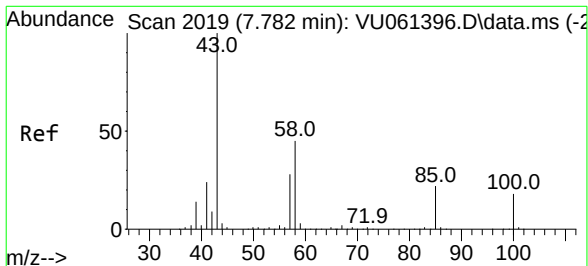
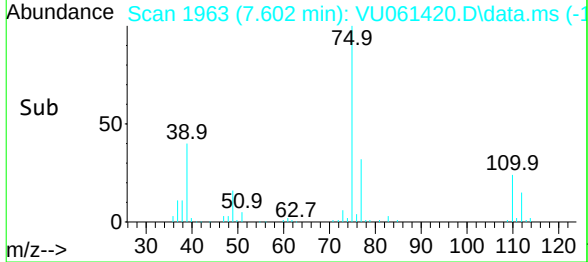
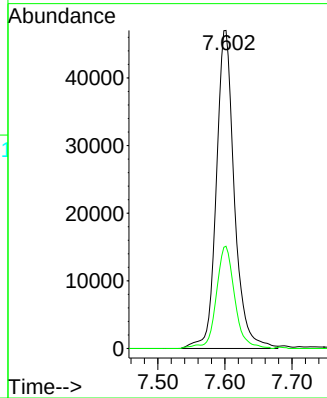


#39
 cis-1,3-Dichloropropene
 Concen: 4.900 ug/L
 RT: 7.602 min Scan# 1963
 Delta R.T. -0.000 min
 Lab File: VU061420.D
 Acq: 04 Nov 2024 20:14

Instrument :
 MSVOA_U
 ClientSampleId :
 C0CF5MSD

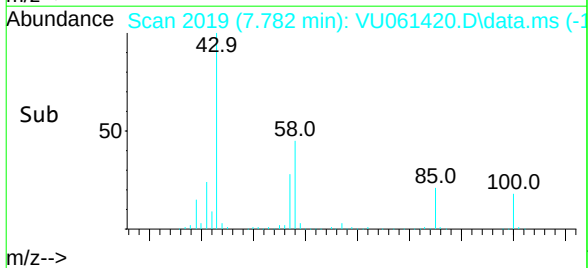
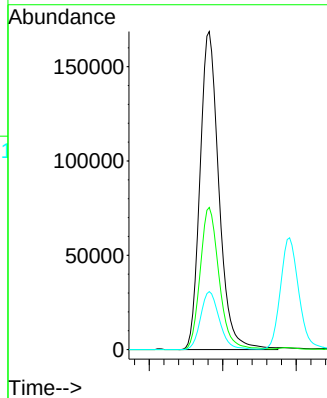
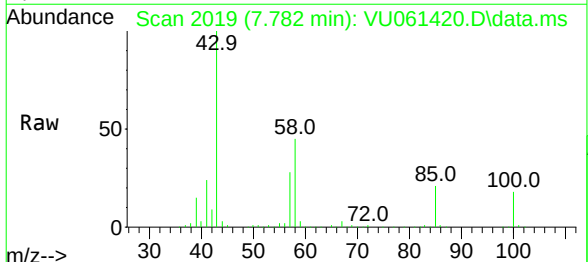


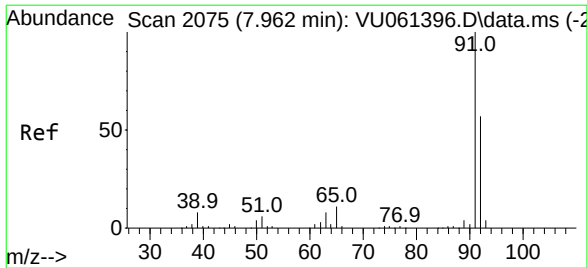
Tgt Ion: 75 Resp: 87797
 Ion Ratio Lower Upper
 75 100
 77 32.1 22.5 41.7



#40
 4-Methyl-2-pentanone
 Concen: 52.319 ug/L
 RT: 7.782 min Scan# 2019
 Delta R.T. -0.000 min
 Lab File: VU061420.D
 Acq: 04 Nov 2024 20:14

Tgt Ion: 43 Resp: 302050
 Ion Ratio Lower Upper
 43 100
 58 44.7 35.1 52.7
 100 18.1 14.0 21.0





#42

Toluene

Concen: 5.246 ug/L

RT: 7.962 min Scan# 2075

Delta R.T. -0.000 min

Lab File: VU061420.D

Acq: 04 Nov 2024 20:14

Instrument :

MSVOA_U

ClientSampleId :

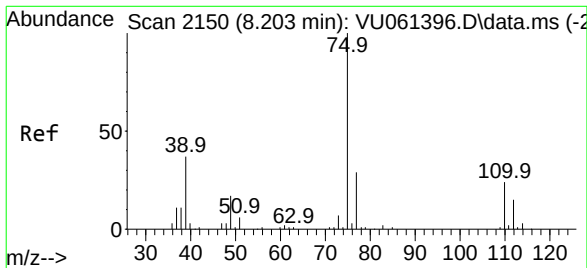
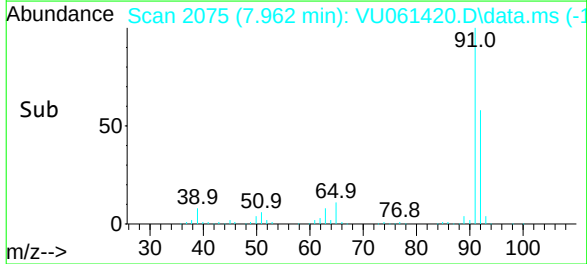
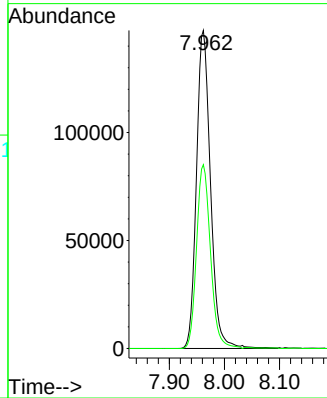
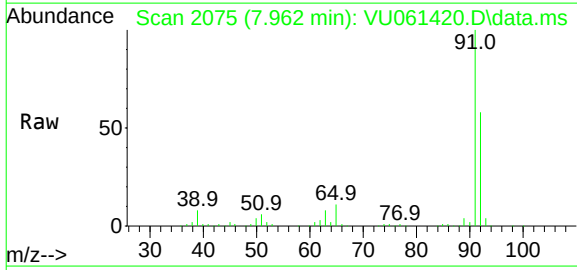
C0CF5MSD

Tgt Ion: 91 Resp: 260729

Ion Ratio Lower Upper

91 100

92 57.8 40.3 74.8



#44

trans-1,3-Dichloropropene

Concen: 4.882 ug/L

RT: 8.203 min Scan# 2150

Delta R.T. -0.000 min

Lab File: VU061420.D

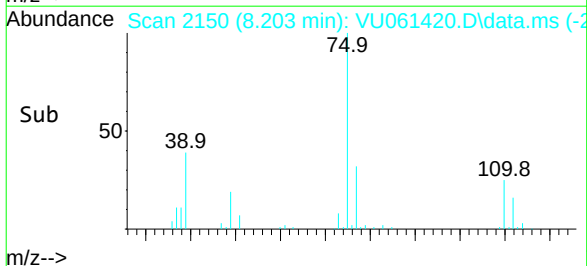
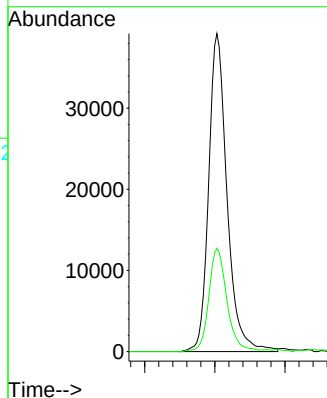
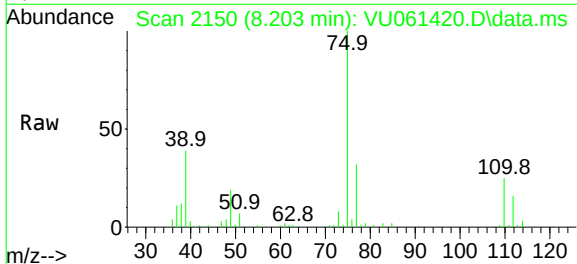
Acq: 04 Nov 2024 20:14

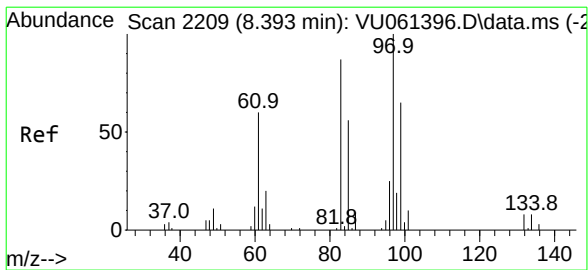
Tgt Ion: 75 Resp: 71272

Ion Ratio Lower Upper

75 100

77 32.4 22.0 40.8





#45

1,1,2-Trichloroethane

Concen: 5.478 ug/L

RT: 8.393 min Scan# 2209

Delta R.T. 0.003 min

Lab File: VU061420.D

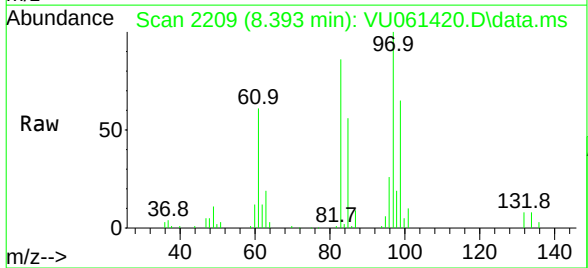
Acq: 04 Nov 2024 20:14

Instrument :

MSVOA_U

ClientSampleId :

C0CF5MSD



Tgt Ion: 97 Resp: 45726

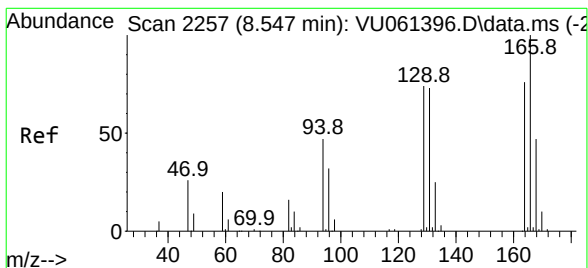
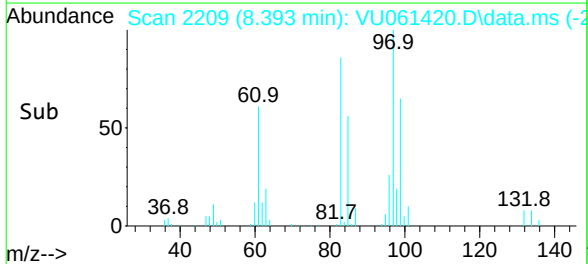
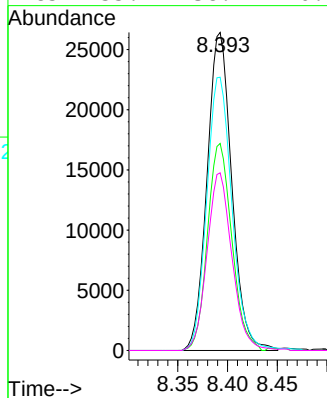
Ion Ratio Lower Upper

97 100

99 65.1 44.1 81.9

83 85.9 61.2 113.6

85 55.9 38.1 70.7



#47

Tetrachloroethene

Concen: 46.124 ug/L

RT: 8.544 min Scan# 2256

Delta R.T. -0.003 min

Lab File: VU061420.D

Acq: 04 Nov 2024 20:14

Tgt Ion: 164 Resp: 401026

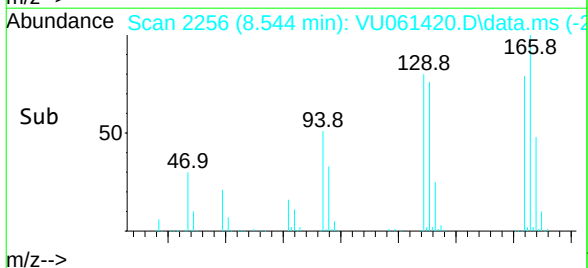
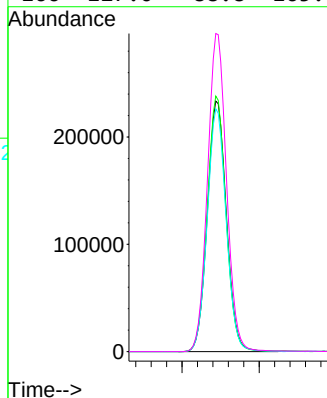
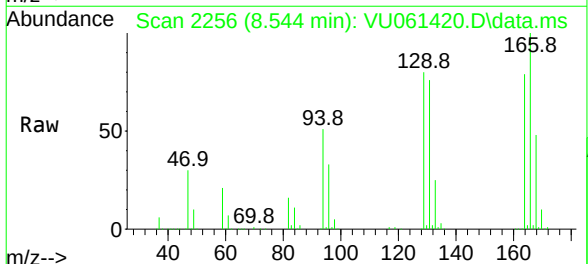
Ion Ratio Lower Upper

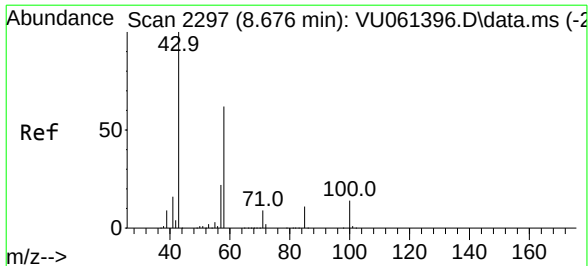
164 100

129 102.0 69.9 129.7

131 96.9 68.3 126.8

166 127.0 88.8 165.0

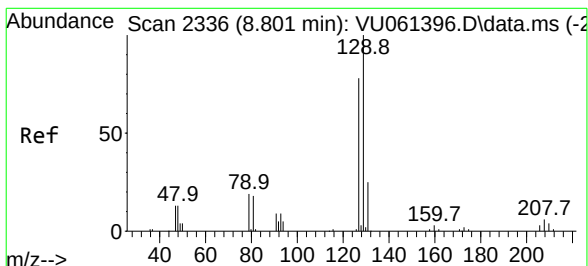
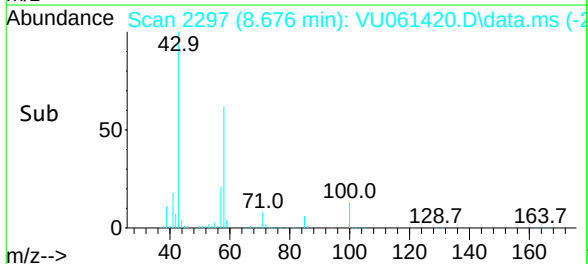
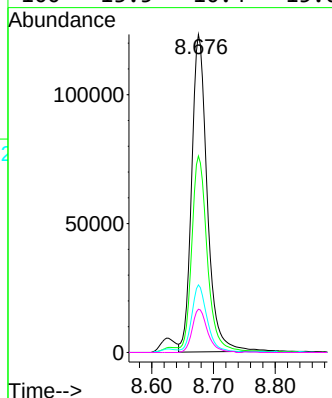
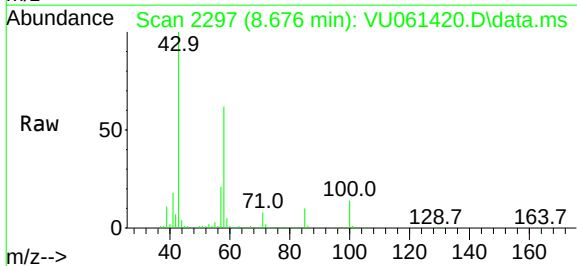




#48
2-Hexanone
Concen: 53.060 ug/L
RT: 8.676 min Scan# 2297
Delta R.T. -0.000 min
Lab File: VU061420.D
Acq: 04 Nov 2024 20:14

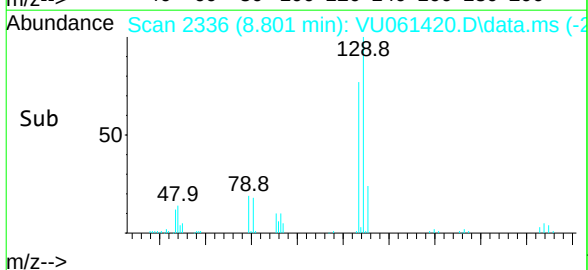
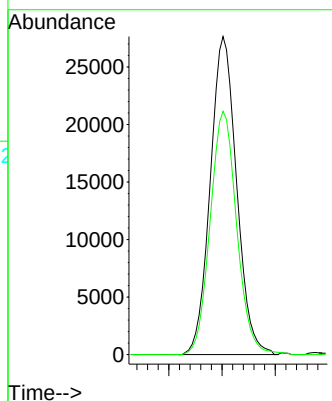
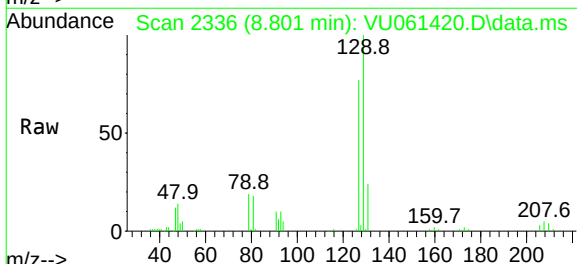
Instrument :
MSVOA_U
ClientSampleId :
C0CF5MSD

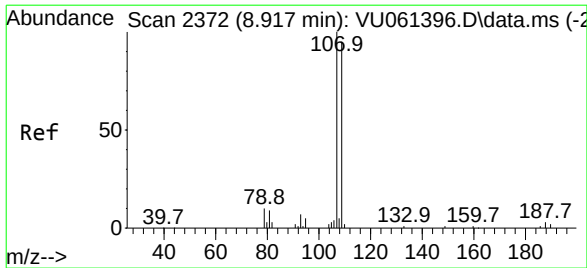
Tgt Ion:	43	Resp:	216617
Ion	Ratio	Lower	Upper
43	100		
58	60.7	48.6	72.8
57	20.8	17.0	25.6
100	13.5	10.4	15.6



#49
Dibromochloromethane
Concen: 5.015 ug/L
RT: 8.801 min Scan# 2336
Delta R.T. -0.000 min
Lab File: VU061420.D
Acq: 04 Nov 2024 20:14

Tgt Ion:	129	Resp:	47484
Ion	Ratio	Lower	Upper
129	100		
127	76.5	51.8	96.2

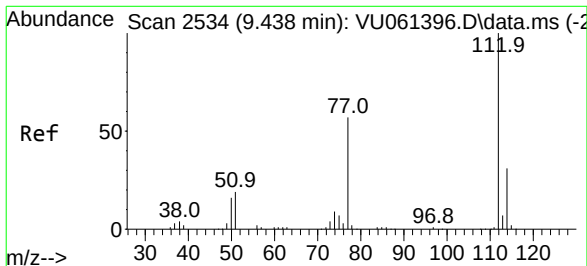
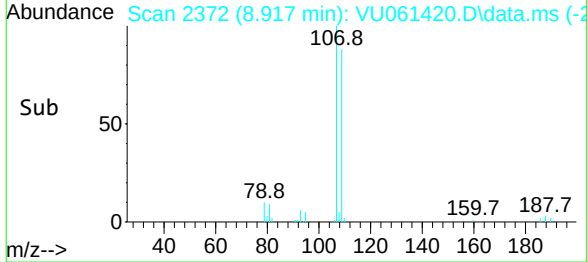
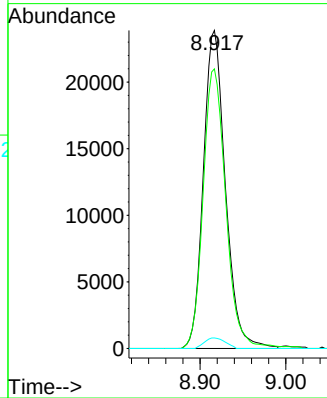
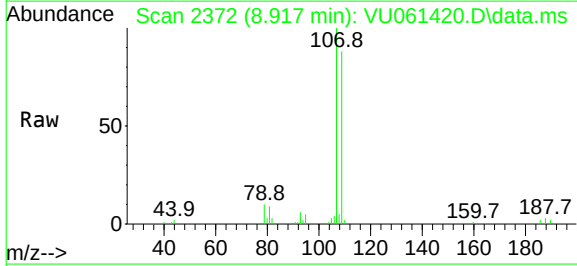




#50
1,2-Dibromoethane
Concen: 5.256 ug/L
RT: 8.917 min Scan# 2372
Delta R.T. -0.000 min
Lab File: VU061420.D
Acq: 04 Nov 2024 20:14

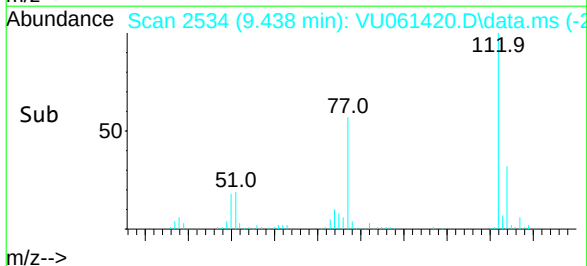
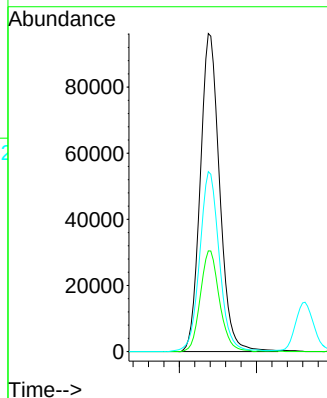
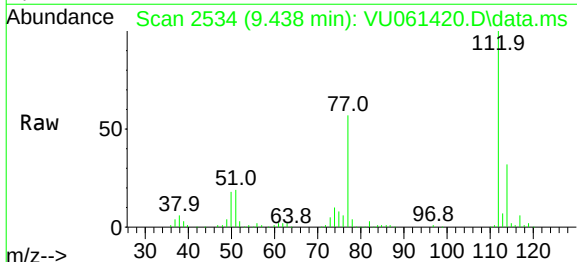
Instrument :
MSVOA_U
ClientSampleId :
C0CF5MSD

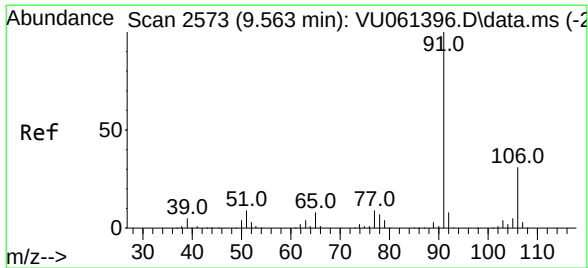
Tgt Ion:107 Resp: 42627
Ion Ratio Lower Upper
107 100
109 87.9 63.4 117.8
188 3.3 2.6 3.8



#51
Chlorobenzene
Concen: 5.345 ug/L
RT: 9.438 min Scan# 2534
Delta R.T. -0.003 min
Lab File: VU061420.D
Acq: 04 Nov 2024 20:14

Tgt Ion:112 Resp: 167904
Ion Ratio Lower Upper
112 100
114 31.7 22.9 42.5
77 56.6 47.1 70.7

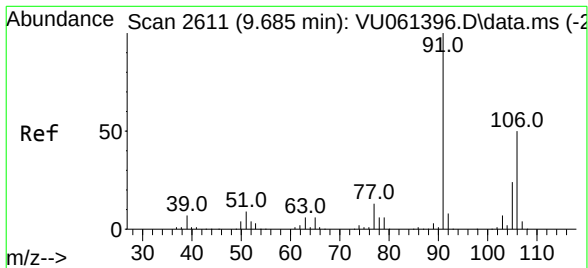
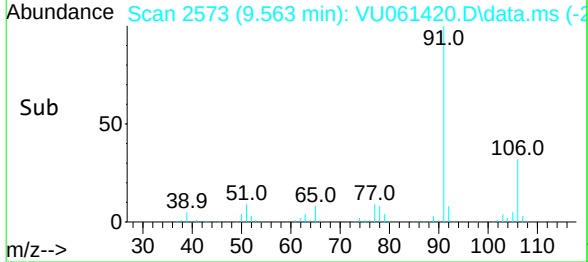
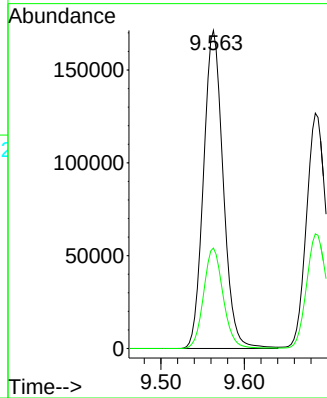
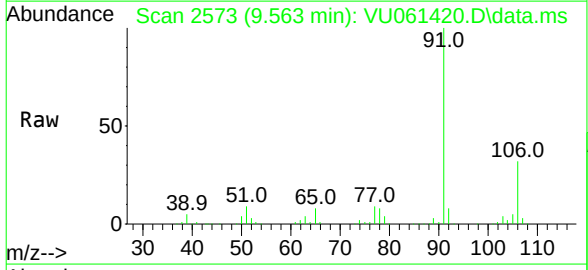




#52
Ethylbenzene
Concen: 5.133 ug/L
RT: 9.563 min Scan# 2573
Delta R.T. -0.000 min
Lab File: VU061420.D
Acq: 04 Nov 2024 20:14

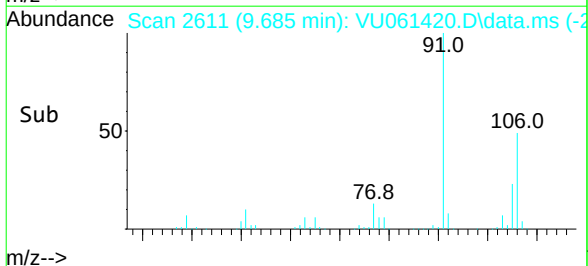
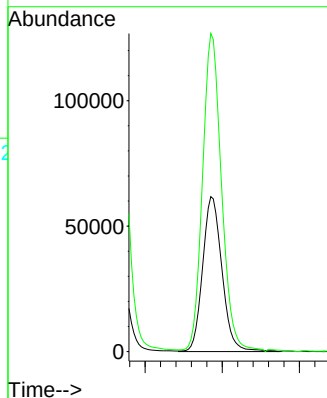
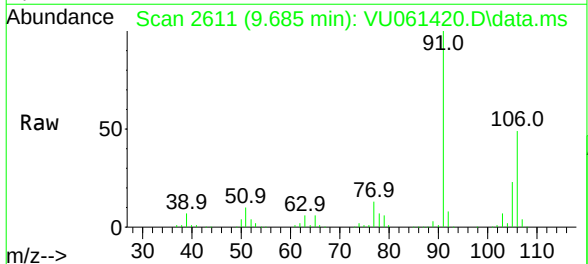
Instrument :
MSVOA_U
ClientSampleId :
C0CF5MSD

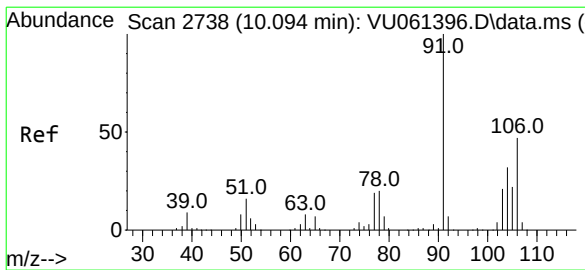
Tgt Ion: 91 Resp: 280612
Ion Ratio Lower Upper
91 100
106 31.6 22.0 41.0



#53
m,p-Xylene
Concen: 5.168 ug/L
RT: 9.685 min Scan# 2611
Delta R.T. -0.003 min
Lab File: VU061420.D
Acq: 04 Nov 2024 20:14

Tgt Ion: 106 Resp: 107625
Ion Ratio Lower Upper
106 100
91 205.3 145.7 270.7





#54

o-Xylene

Concen: 5.175 ug/L

RT: 10.093 min Scan# 2738

Delta R.T. -0.000 min

Lab File: VU061420.D

Acq: 04 Nov 2024 20:14

Instrument :

MSVOA_U

ClientSampleId :

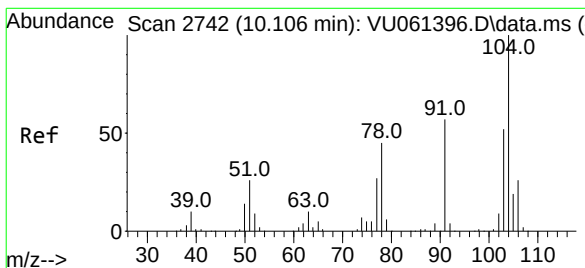
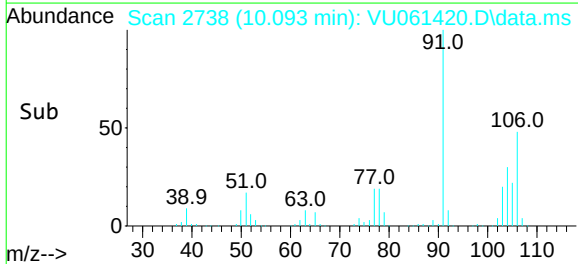
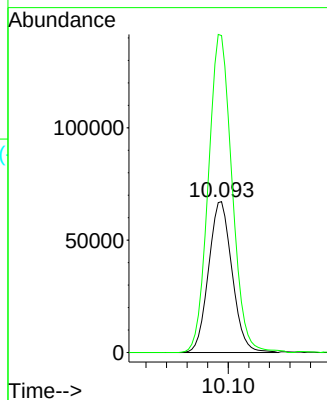
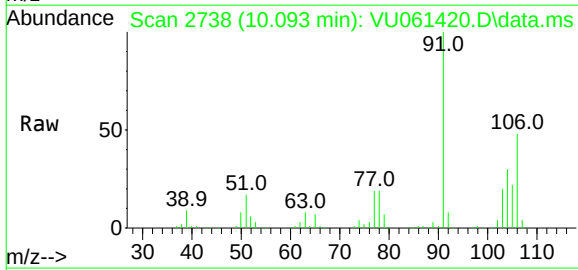
C0CF5MSD

Tgt Ion:106 Resp: 106358

Ion Ratio Lower Upper

106 100

91 210.1 148.8 276.4



#55

Styrene

Concen: 5.117 ug/L

RT: 10.106 min Scan# 2742

Delta R.T. -0.000 min

Lab File: VU061420.D

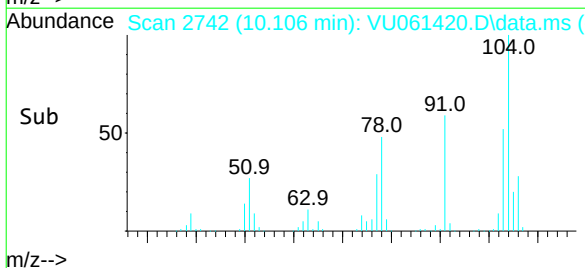
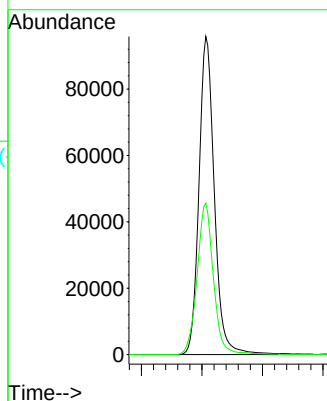
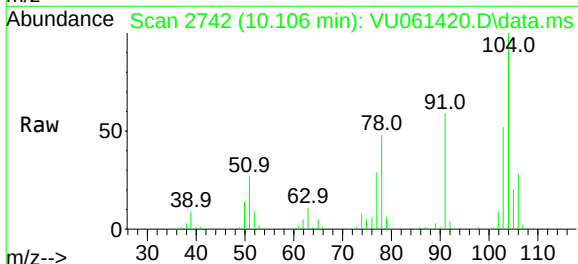
Acq: 04 Nov 2024 20:14

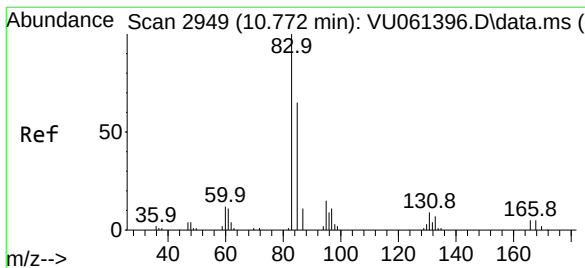
Tgt Ion:104 Resp: 168607

Ion Ratio Lower Upper

104 100

78 47.6 32.3 59.9





#57

1,1,2,2-Tetrachloroethane

Concen: 5.440 ug/L

RT: 10.772 min Scan# 2949

Delta R.T. -0.003 min

Lab File: VU061420.D

Acq: 04 Nov 2024 20:14

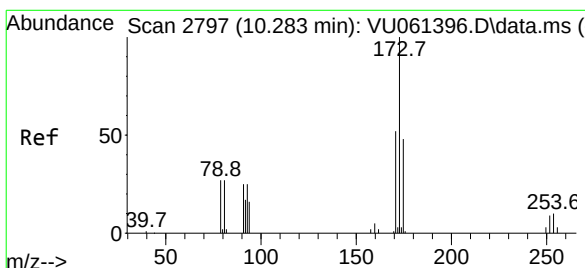
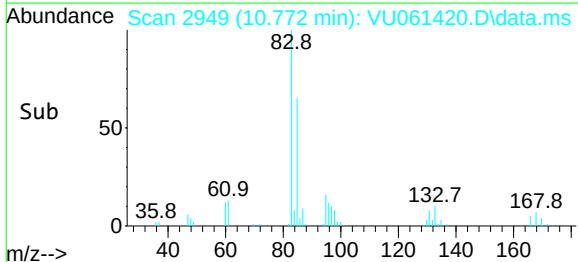
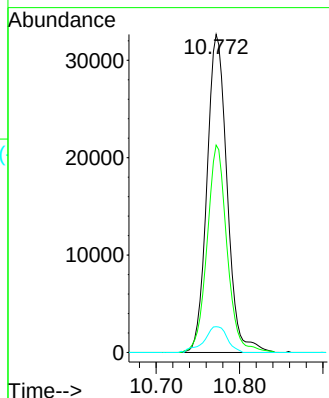
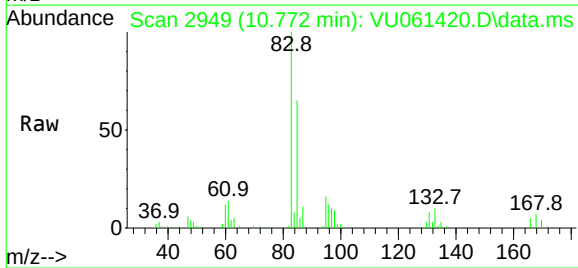
Instrument :

MSVOA_U

ClientSampleId :

C0CF5MSD

Tgt Ion:	83	Resp:	54722
Ion Ratio	Lower	Upper	
83	100		
85	65.2	45.3	84.1
131	8.1	7.6	11.4



#59

Bromoform

Concen: 4.935 ug/L

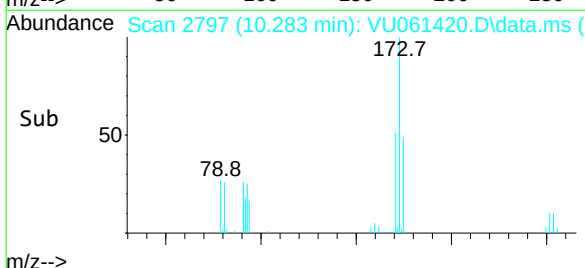
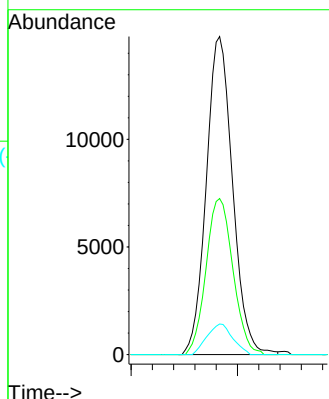
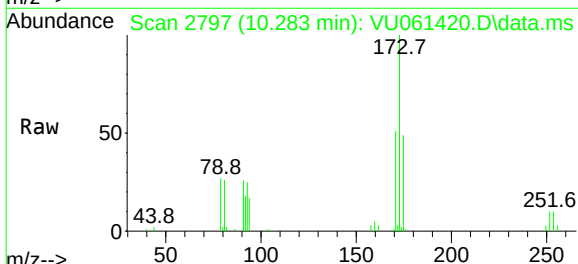
RT: 10.283 min Scan# 2797

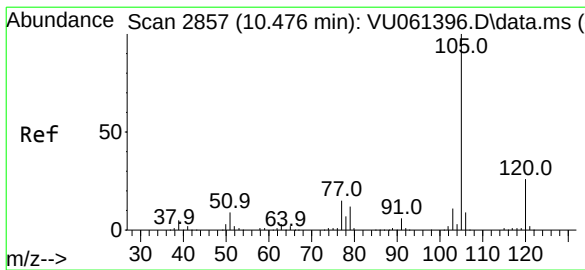
Delta R.T. -0.000 min

Lab File: VU061420.D

Acq: 04 Nov 2024 20:14

Tgt Ion:	173	Resp:	25382
Ion Ratio	Lower	Upper	
173	100		
175	50.1	39.0	58.4
254	9.4	6.8	10.2





#60

Isopropylbenzene

Concen: 5.245 ug/L

RT: 10.476 min Scan# 2857

Delta R.T. -0.000 min

Lab File: VU061420.D

Acq: 04 Nov 2024 20:14

Instrument :

MSVOA_U

ClientSampleId :

C0CF5MSD

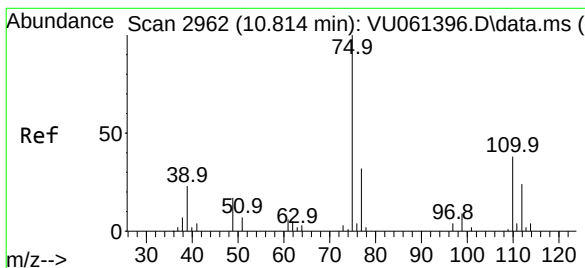
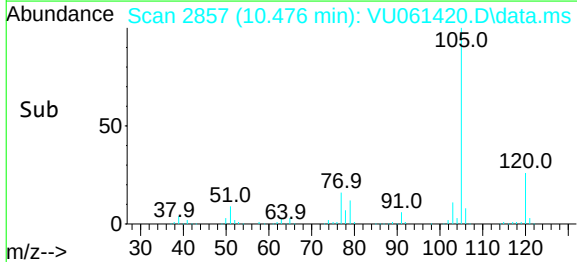
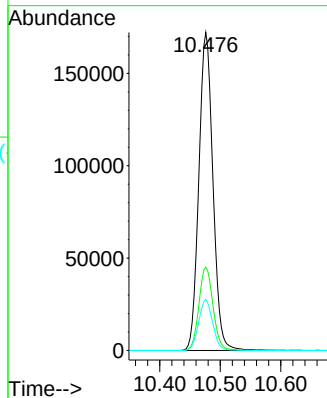
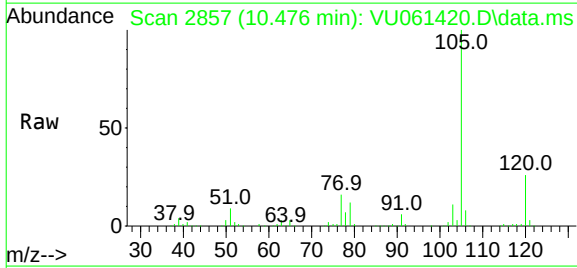
Tgt Ion:105 Resp: 278347

Ion Ratio Lower Upper

105 100

120 26.3 21.2 31.8

77 16.0 12.6 19.0



#61

1,2,3-Trichloropropane

Concen: 5.326 ug/L

RT: 10.814 min Scan# 2962

Delta R.T. -0.000 min

Lab File: VU061420.D

Acq: 04 Nov 2024 20:14

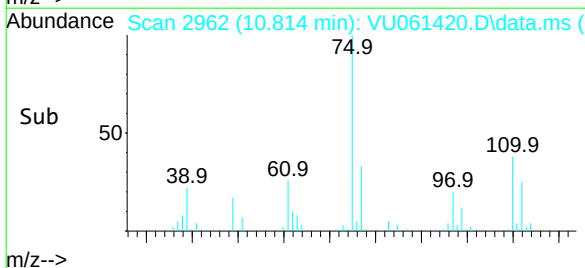
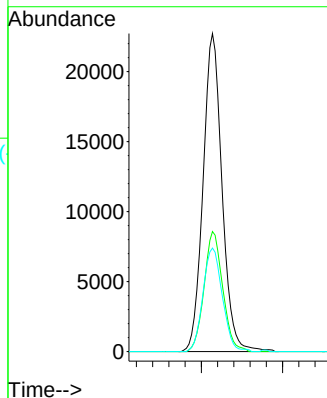
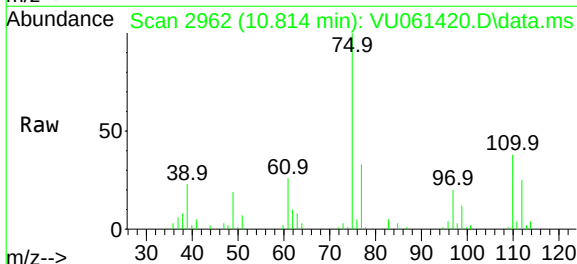
Tgt Ion: 75 Resp: 36861

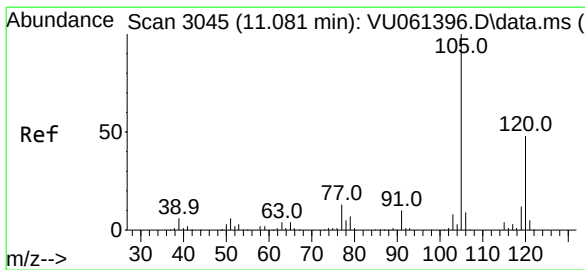
Ion Ratio Lower Upper

75 100

110 37.0 28.8 43.2

77 33.2 25.7 38.5





#62

1,3,5-Trimethylbenzene

Concen: 5.054 ug/L

RT: 11.081 min Scan# 3045

Delta R.T. -0.000 min

Lab File: VU061420.D

Acq: 04 Nov 2024 20:14

Instrument :

MSVOA_U

ClientSampleId :

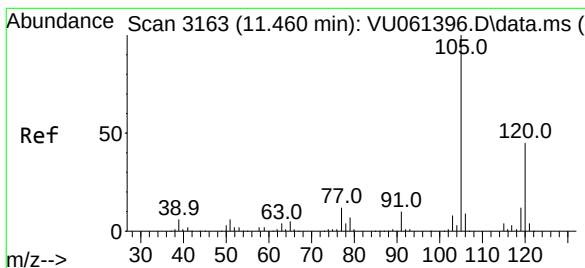
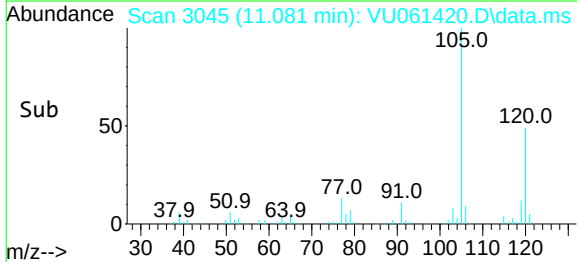
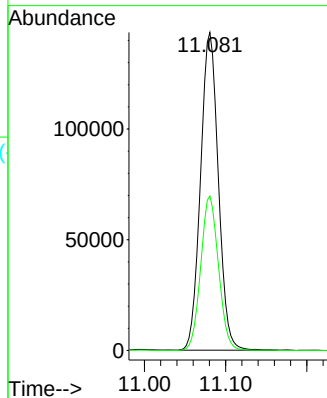
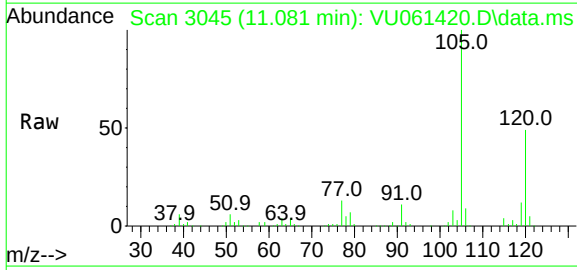
C0CF5MSD

Tgt Ion:105 Resp: 218385

Ion Ratio Lower Upper

105 100

120 48.5 38.7 58.1



#63

1,2,4-Trimethylbenzene

Concen: 5.019 ug/L

RT: 11.460 min Scan# 3163

Delta R.T. -0.000 min

Lab File: VU061420.D

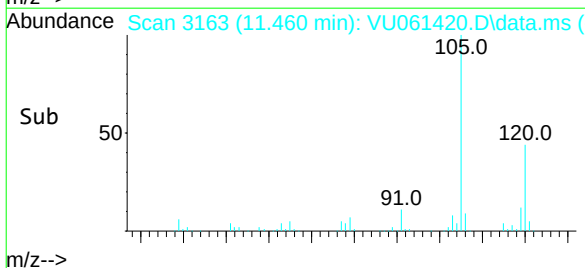
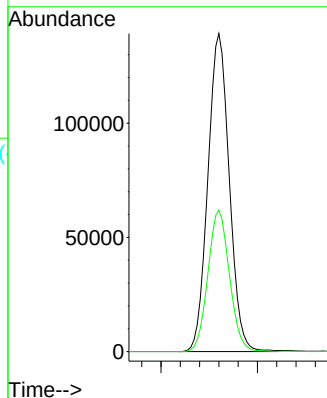
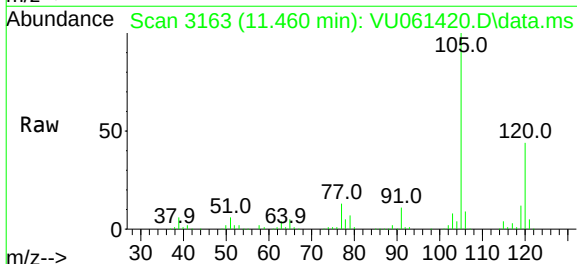
Acq: 04 Nov 2024 20:14

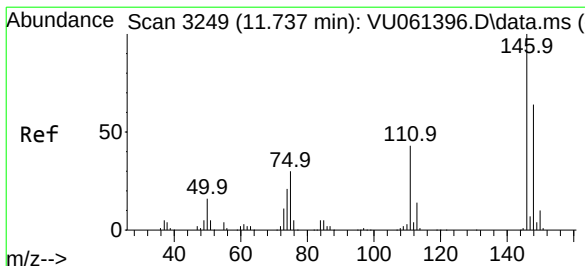
Tgt Ion:105 Resp: 214357

Ion Ratio Lower Upper

105 100

120 44.8 35.4 53.0





#64

1,3-Dichlorobenzene

Concen: 5.386 ug/L

RT: 11.736 min Scan# 3249

Delta R.T. -0.003 min

Lab File: VU061420.D

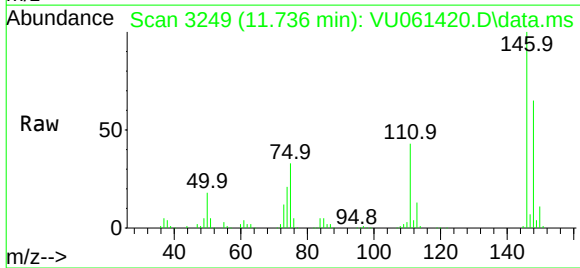
Acq: 04 Nov 2024 20:14

Instrument :

MSVOA_U

ClientSampleId :

C0CF5MSD



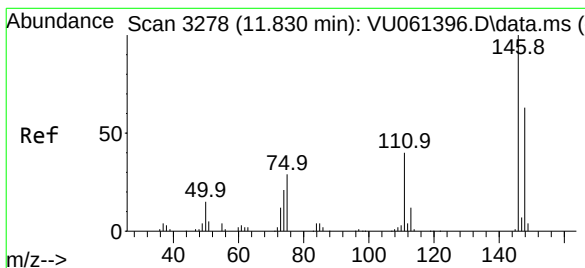
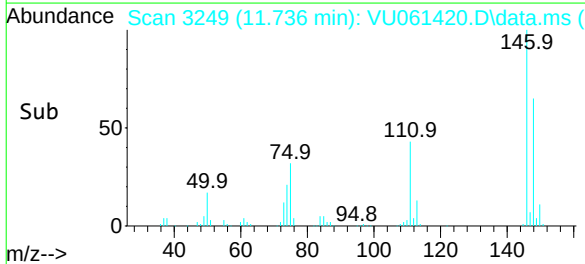
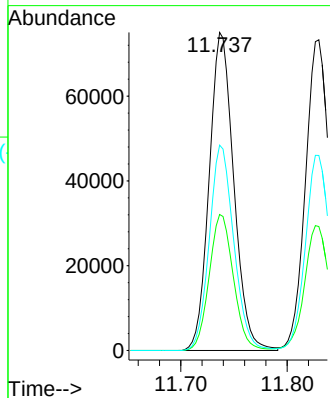
Tgt Ion:146 Resp: 120306

Ion Ratio Lower Upper

146 100

111 42.8 30.0 55.8

148 64.6 45.1 83.7



#65

1,4-Dichlorobenzene

Concen: 5.208 ug/L

RT: 11.830 min Scan# 3278

Delta R.T. -0.000 min

Lab File: VU061420.D

Acq: 04 Nov 2024 20:14

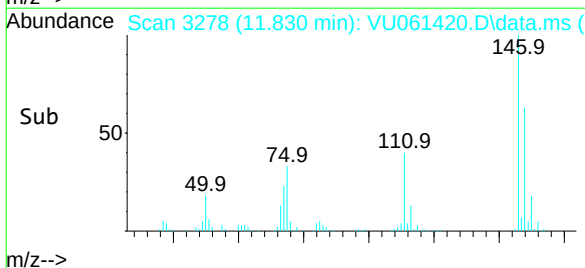
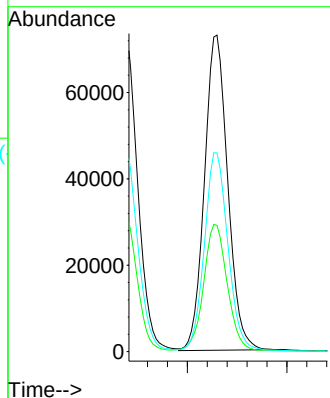
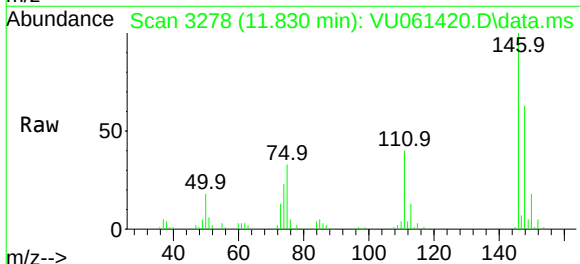
Tgt Ion:146 Resp: 118585

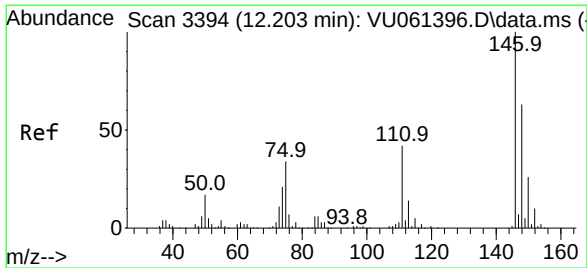
Ion Ratio Lower Upper

146 100

111 39.9 28.2 52.4

148 62.8 43.3 80.3





#67

1,2-Dichlorobenzene

Concen: 5.444 ug/L

RT: 12.206 min Scan# 3394

Delta R.T. 0.003 min

Lab File: VU061420.D

Acq: 04 Nov 2024 20:14

Instrument :

MSVOA_U

ClientSampleId :

C0CF5MSD

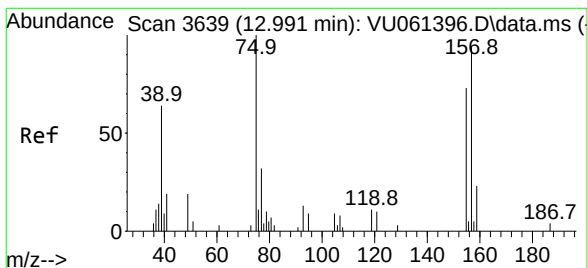
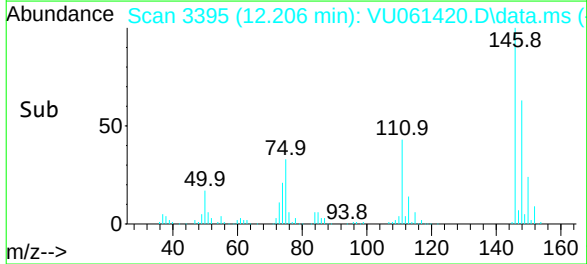
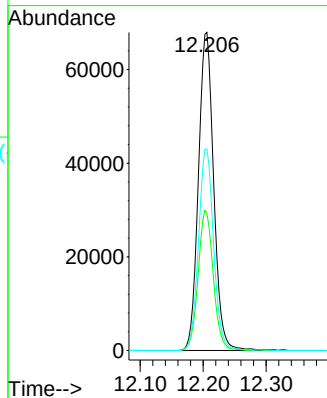
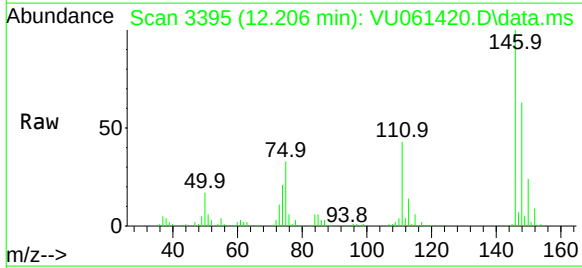
Tgt Ion:146 Resp: 114453

Ion Ratio Lower Upper

146 100

111 43.1 35.2 52.8

148 63.4 51.3 76.9



#68

1,2-Dibromo-3-chloropropane

Concen: 4.941 ug/L

RT: 12.987 min Scan# 3638

Delta R.T. -0.003 min

Lab File: VU061420.D

Acq: 04 Nov 2024 20:14

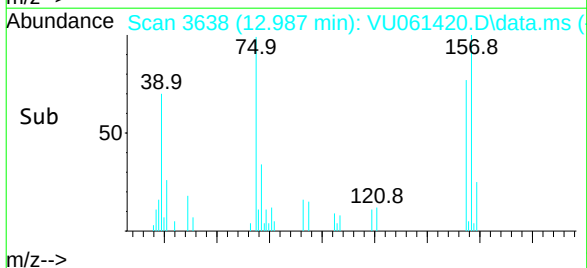
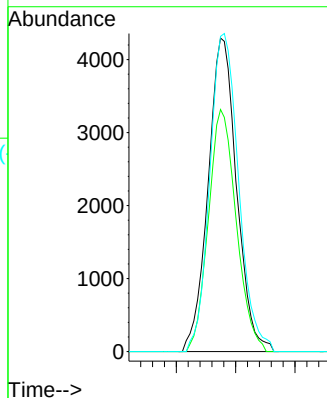
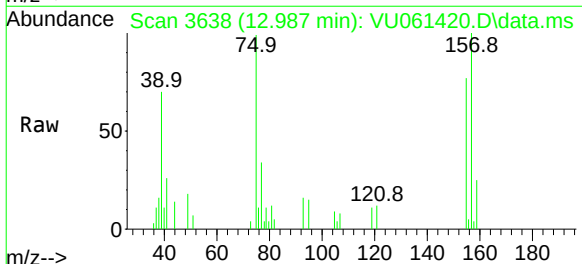
Tgt Ion: 75 Resp: 7180

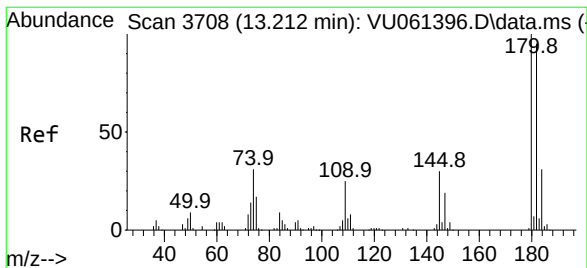
Ion Ratio Lower Upper

75 100

155 77.2 69.3 103.9

157 100.5 81.4 122.2





#69

1,3,5-Trichlorobenzene

Concen: 5.414 ug/L

RT: 13.212 min Scan# 3708

Delta R.T. -0.000 min

Lab File: VU061420.D

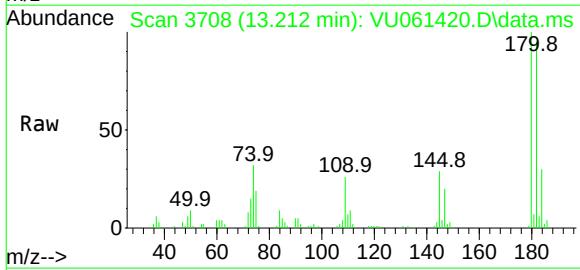
Acq: 04 Nov 2024 20:14

Instrument :

MSVOA_U

ClientSampleId :

C0CF5MSD



Tgt Ion:180 Resp: 82895

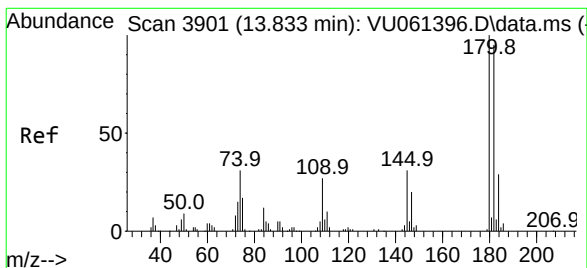
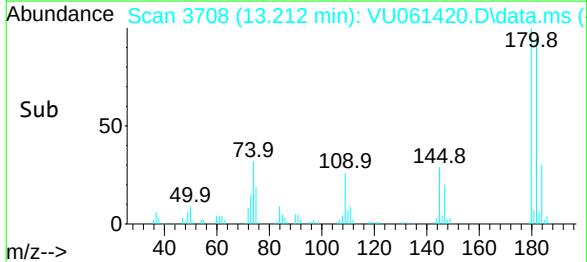
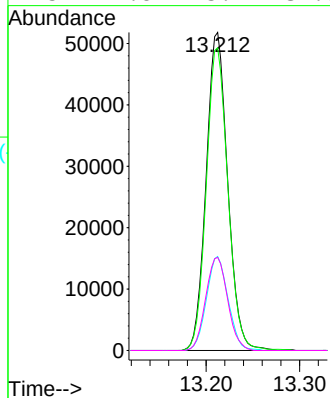
Ion Ratio Lower Upper

180 100

182 95.6 77.4 116.2

184 29.7 24.4 36.6

145 29.8 25.2 37.8



#70

1,2,4-trichlorobenzene

Concen: 5.467 ug/L

RT: 13.833 min Scan# 3901

Delta R.T. -0.000 min

Lab File: VU061420.D

Acq: 04 Nov 2024 20:14

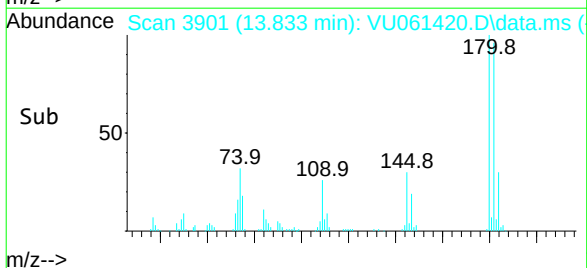
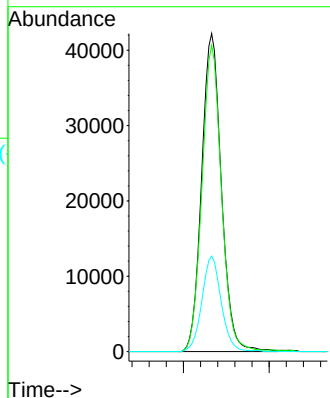
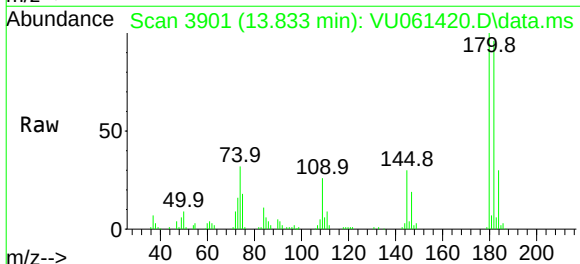
Tgt Ion:180 Resp: 67559

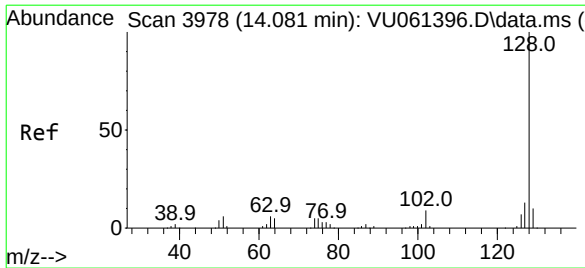
Ion Ratio Lower Upper

180 100

182 94.9 77.2 115.8

145 29.2 25.6 38.4

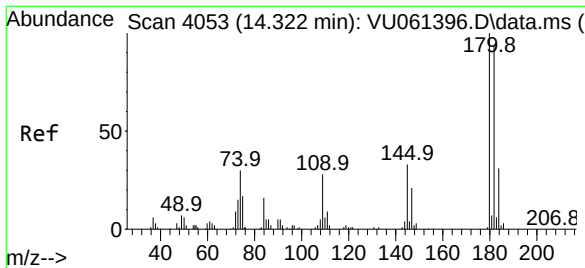
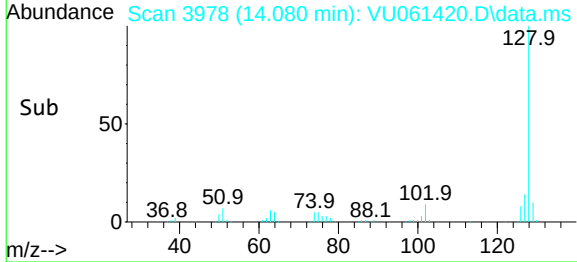
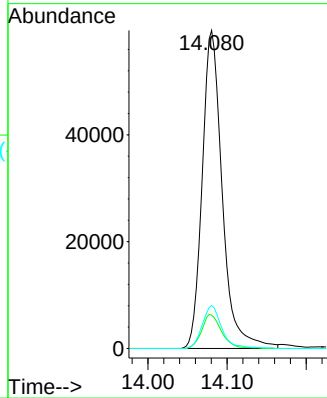
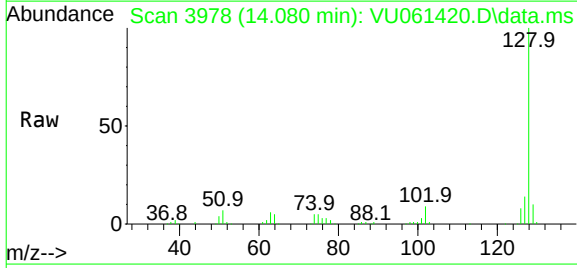




#71
Naphthalene
Concen: 5.387 ug/L
RT: 14.080 min Scan# 3978
Delta R.T. -0.000 min
Lab File: VU061420.D
Acq: 04 Nov 2024 20:14

Instrument :
MSVOA_U
ClientSampleId :
C0CF5MSD

Tgt Ion:128 Resp: 105034
Ion Ratio Lower Upper
128 100
129 10.6 9.0 13.4
127 13.2 10.0 15.0



#72
1,2,3-Trichlorobenzene
Concen: 5.782 ug/L
RT: 14.322 min Scan# 4053
Delta R.T. -0.000 min
Lab File: VU061420.D
Acq: 04 Nov 2024 20:14

Tgt Ion:180 Resp: 59774
Ion Ratio Lower Upper
180 100
182 93.6 76.0 114.0
145 31.4 26.5 39.7

