

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU110424\
 Data File : VU061419.D
 Acq On : 04 Nov 2024 19:50
 Operator : MD/SY
 Sample : P4690-03MS
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0CF5MS

Quant Time: Nov 05 00:52:06 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	161857	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.409	117	153937	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	73837	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	34640	3.151	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	63.000%
7) Chloroethane-d5	1.907	69	43747	4.340	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	86.800%
11) 1,1-Dichloroethene-d2	2.560	65	16399	3.486	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	69.800%
20) 2-Butanone-d5	4.621	46	106179	47.565	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	95.120%
24) Chloroform-d	5.052	84	93311	4.471	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.400%
26) 1,2-Dichloroethane-d4	5.695	65	45875	4.410	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	88.200%
32) Benzene-d6	5.717	84	179220	4.132	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	82.600%
36) 1,2-Dichloropropane-d6	6.682	67	55677	4.270	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	85.400%
41) Toluene-d8	7.891	98	165961	4.092	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	81.800%
43) trans-1,3-Dichloroprop...	8.174	79	20173	3.790	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	75.800%
46) 2-Hexanone-d5	8.624	63	92842	42.584	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	85.160%
56) 1,1,2,2-Tetrachloroeth...	10.746	84	45214	4.585	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	91.600%
66) 1,2-Dichlorobenzene-d4	12.183	152	56541	4.324	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	86.400%
Target Compounds				Qvalue		
2) Dichlorodifluoromethane	1.383	85	50631	4.692	ug/L	97
3) Chloromethane	1.515	50	49498	4.350	ug/L	98
5) Vinyl chloride	1.599	62	55414	4.429	ug/L	98
6) Bromomethane	1.853	94	49594	5.982	ug/L	97
8) Chloroethane	1.927	64	44007	4.778	ug/L	100
9) Trichlorofluoromethane	2.132	101	85420	5.027	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.573	101	48980	4.854	ug/L	96
12) 1,1-Dichloroethene	2.573	96	45173	4.721	ug/L	92
13) Acetone	2.631	43	74606	52.767	ug/L	96
14) Carbon disulfide	2.785	76	128156	4.014	ug/L	100
15) Methyl Acetate	2.952	43	12065	3.446	ug/L	92
16) Methylene chloride	3.036	84	54283	4.814	ug/L	96
17) Methyl tert-butyl Ether	3.354	73	126355	4.872	ug/L	99
18) trans-1,2-Dichloroethene	3.345	96	50599	4.782	ug/L	99
19) 1,1-Dichloroethane	3.859	63	98721	4.947	ug/L	98
21) 2-Butanone	4.698	43	125039	55.785	ug/L	100
22) cis-1,2-Dichloroethene	4.656	96	61103	5.055	ug/L	99
23) Bromochloromethane	4.965	128	27009	5.311	ug/L	94
25) Chloroform	5.078	83	107336	5.115	ug/L	100

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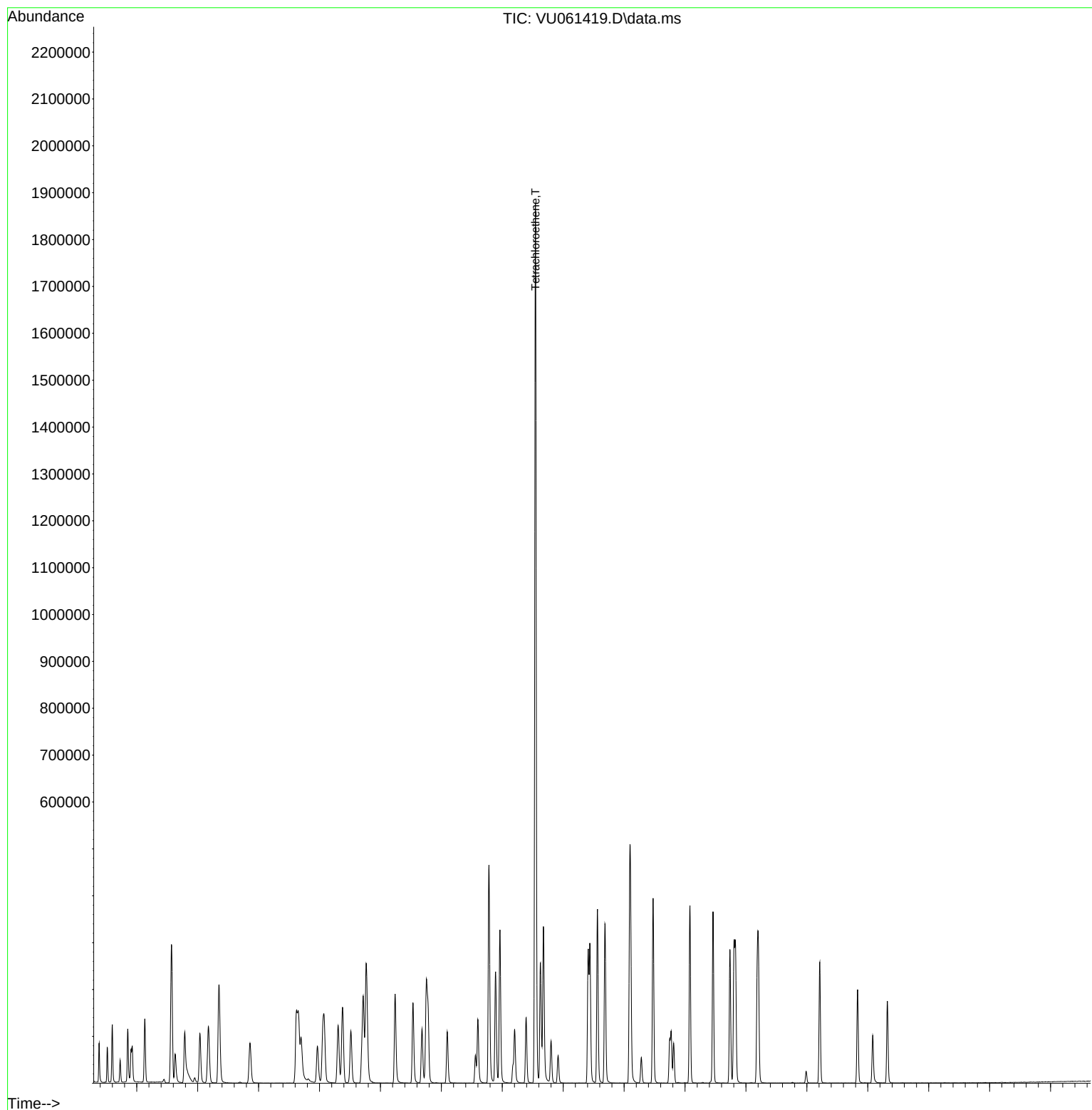
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.785	62	64576	4.870	ug/L	99
29) 1,1,1-Trichloroethane	5.306	97	89417	4.743	ug/L	99
30) Cyclohexane	5.377	56	81786	4.326	ug/L	98
31) Carbon tetrachloride	5.515	117	75350	4.672	ug/L	99
33) Benzene	5.766	78	230150	4.834	ug/L	100
34) Trichloroethene	6.534	95	60032	4.636	ug/L	100
35) Methylcyclohexane	6.756	83	90711	4.401	ug/L	97
37) 1,2-Dichloropropane	6.782	63	59895	4.963	ug/L	99
38) Bromodichloromethane	7.097	83	73348	4.803	ug/L	99
39) cis-1,3-Dichloropropene	7.602	75	84112	4.513	ug/L	100
40) 4-Methyl-2-pentanone	7.782	43	287299	47.837	ug/L	99
42) Toluene	7.962	91	246841	4.775	ug/L	100
44) trans-1,3-Dichloropropene	8.203	75	68211	4.492	ug/L	100
45) 1,1,2-Trichloroethane	8.393	97	43953	5.061	ug/L	98
47) Tetrachloroethene	8.544	164	400139	44.240	ug/L	99
48) 2-Hexanone	8.676	43	205417	48.368	ug/L	98
49) Dibromochloromethane	8.801	129	45335	4.603	ug/L	97
50) 1,2-Dibromoethane	8.917	107	40323	4.780	ug/L	99
51) Chlorobenzene	9.441	112	158873	4.862	ug/L	99
52) Ethylbenzene	9.563	91	266543	4.687	ug/L	98
53) m,p-Xylene	9.685	106	103910	4.796	ug/L	95
54) o-Xylene	10.094	106	100754	4.712	ug/L	98
55) Styrene	10.106	104	159816	4.662	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.772	83	52827	5.048	ug/L	95
59) Bromoform	10.283	173	24435	4.471	ug/L	100
60) Isopropylbenzene	10.476	105	264614	4.691	ug/L	99
61) 1,2,3-Trichloropropane	10.814	75	36048	4.901	ug/L	99
62) 1,3,5-Trimethylbenzene	11.081	105	208653	4.544	ug/L	99
63) 1,2,4-Trimethylbenzene	11.460	105	204980	4.516	ug/L	100
64) 1,3-Dichlorobenzene	11.737	146	116536	4.909	ug/L	97
65) 1,4-Dichlorobenzene	11.830	146	113614	4.695	ug/L	99
67) 1,2-Dichlorobenzene	12.203	146	107079	4.793	ug/L	100
68) 1,2-Dibromo-3-chloropr...	12.987	75	6474	4.192	ug/L	91
69) 1,3,5-Trichlorobenzene	13.212	180	78993	4.854	ug/L	99
70) 1,2,4-trichlorobenzene	13.833	180	60517	4.608	ug/L	99
71) Naphthalene	14.081	128	89683	4.328	ug/L	98
72) 1,2,3-Trichlorobenzene	14.322	180	52844	4.810	ug/L	98

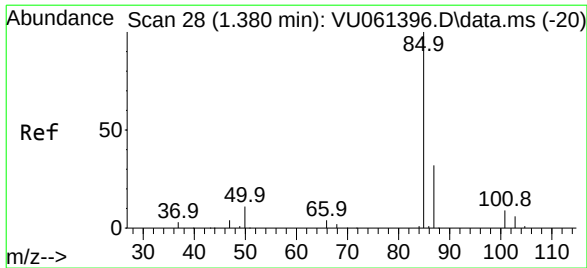
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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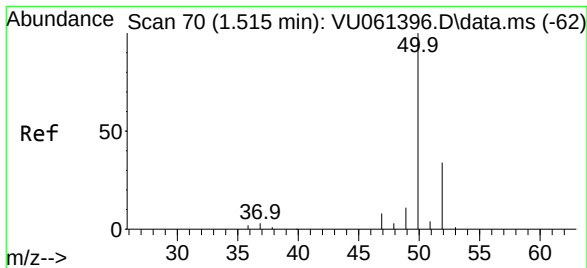
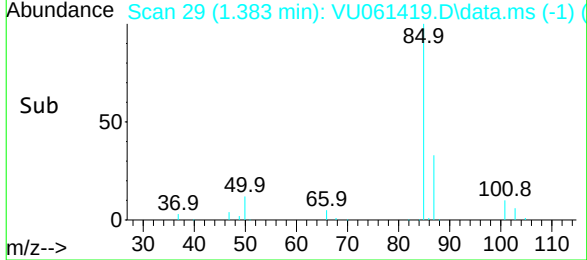
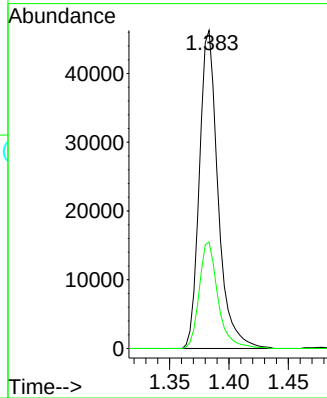
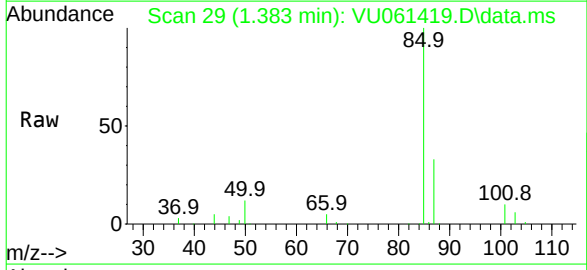




#2
 Dichlorodifluoromethane
 Concen: 4.692 ug/L
 RT: 1.383 min Scan# 29
 Delta R.T. -0.000 min
 Lab File: VU061419.D
 Acq: 04 Nov 2024 19:50

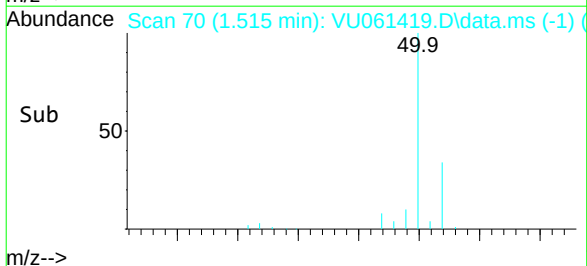
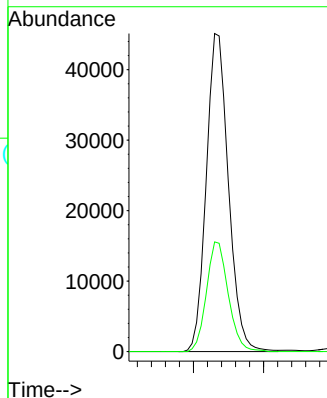
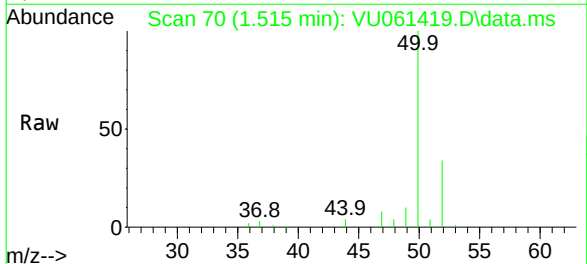
Instrument :
 MSVOA_U
 ClientSampleId :
 C0CF5MS

Tgt Ion: 85 Resp: 50631
 Ion Ratio Lower Upper
 85 100
 87 33.6 25.7 38.5

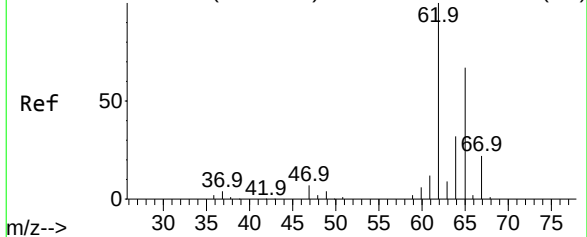


#3
 Chloromethane
 Concen: 4.350 ug/L
 RT: 1.515 min Scan# 70
 Delta R.T. -0.003 min
 Lab File: VU061419.D
 Acq: 04 Nov 2024 19:50

Tgt Ion: 50 Resp: 49498
 Ion Ratio Lower Upper
 50 100
 52 34.5 23.4 43.4



Abundance Scan 96 (1.599 min): VU061396.D\data.ms (-87)



#5

Vinyl chloride

Concen: 4.429 ug/L

RT: 1.599 min Scan# 96

Delta R.T. -0.000 min

Lab File: VU061419.D

Acq: 04 Nov 2024 19:50

Instrument :

MSVOA_U

ClientSampleId :

C0CF5MS

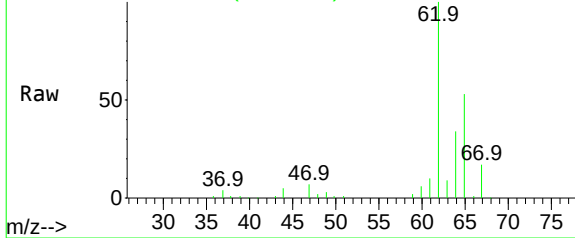
Tgt Ion: 62 Resp: 55414

Ion Ratio Lower Upper

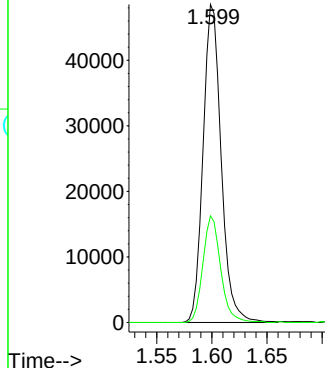
62 100

64 33.5 22.6 42.0

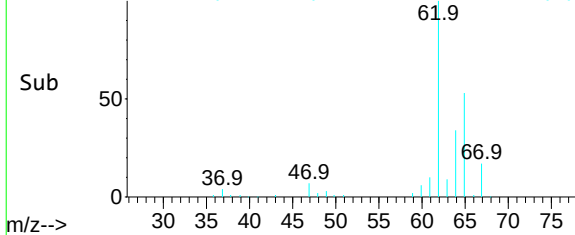
Abundance Scan 96 (1.599 min): VU061419.D\data.ms



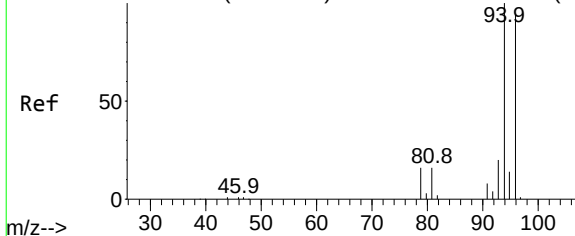
Abundance



Abundance Scan 96 (1.599 min): VU061419.D\data.ms (-3)



Abundance Scan 175 (1.853 min): VU061396.D\data.ms (-16)



#6

Bromomethane

Concen: 5.982 ug/L

RT: 1.853 min Scan# 175

Delta R.T. -0.000 min

Lab File: VU061419.D

Acq: 04 Nov 2024 19:50

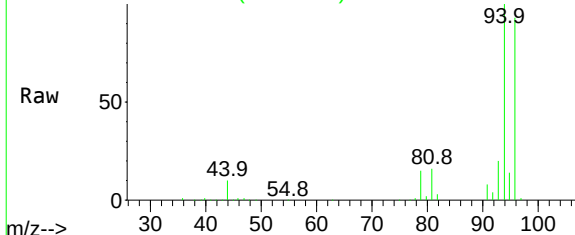
Tgt Ion: 94 Resp: 49594

Ion Ratio Lower Upper

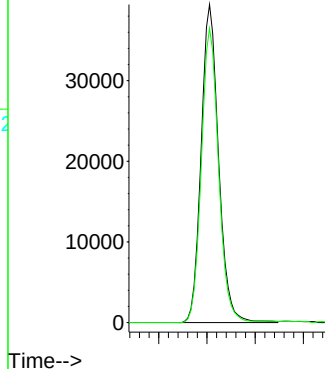
94 100

96 92.5 66.9 124.3

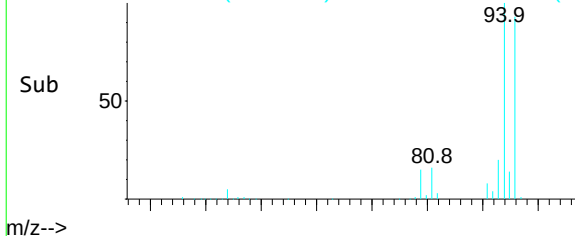
Abundance Scan 175 (1.853 min): VU061419.D\data.ms

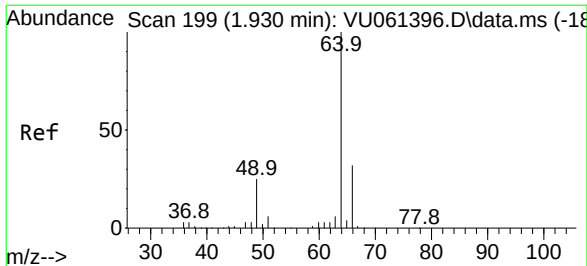


Abundance



Abundance Scan 175 (1.853 min): VU061419.D\data.ms (-82)

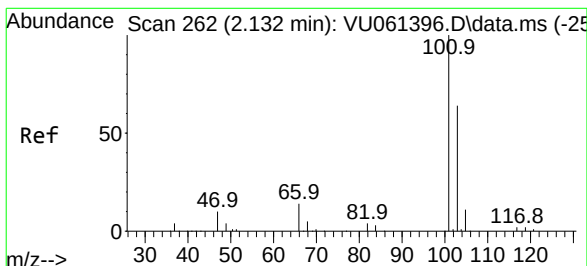
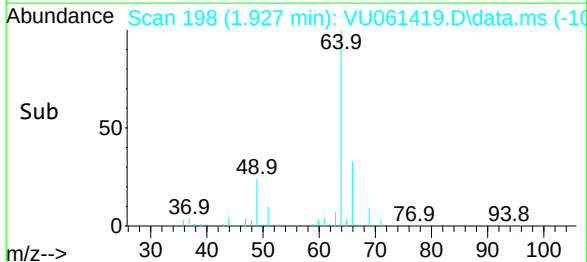
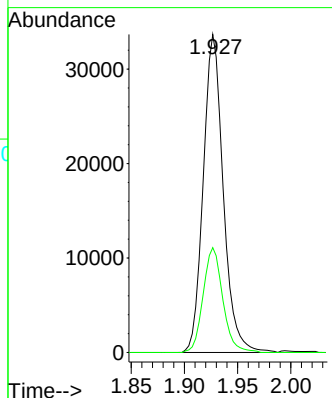
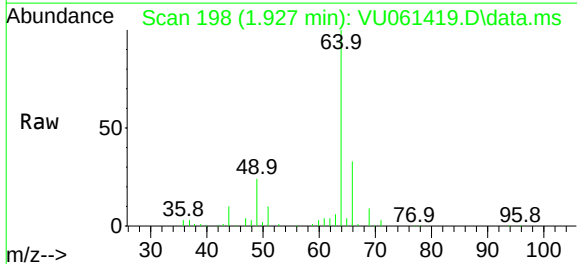




#8
Chloroethane
Concen: 4.778 ug/L
RT: 1.927 min Scan# 19
Delta R.T. -0.003 min
Lab File: VU061419.D
Acq: 04 Nov 2024 19:50

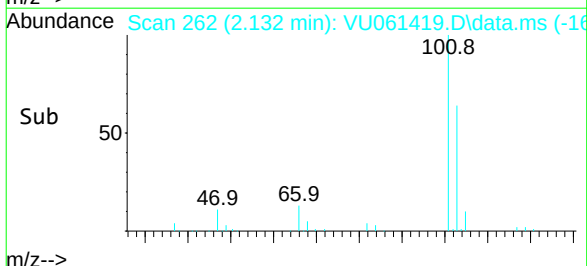
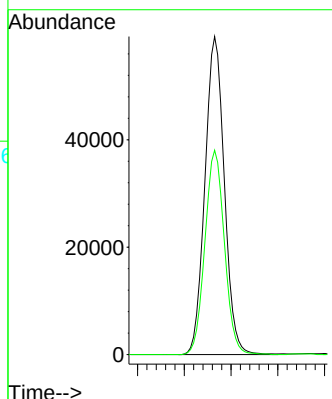
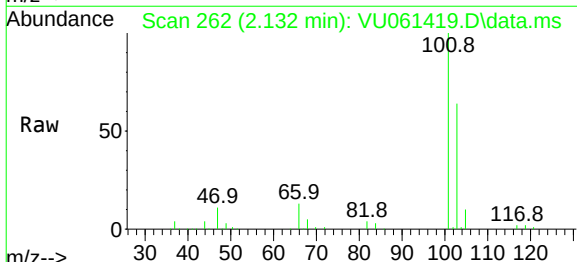
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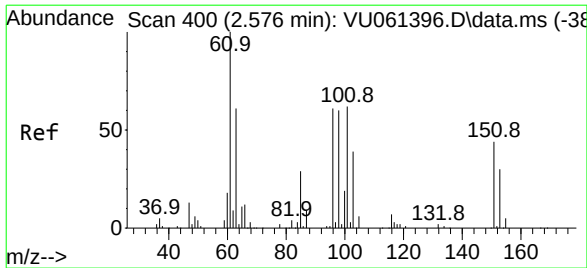
Tgt Ion: 64 Resp: 44007
Ion Ratio Lower Upper
64 100
66 33.0 23.1 42.9



#9
Trichlorofluoromethane
Concen: 5.027 ug/L
RT: 2.132 min Scan# 262
Delta R.T. -0.000 min
Lab File: VU061419.D
Acq: 04 Nov 2024 19:50

Tgt Ion: 101 Resp: 85420
Ion Ratio Lower Upper
101 100
103 64.6 50.6 75.8

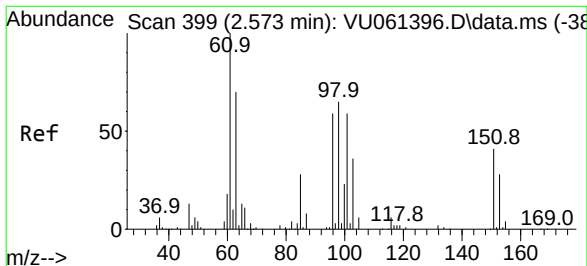
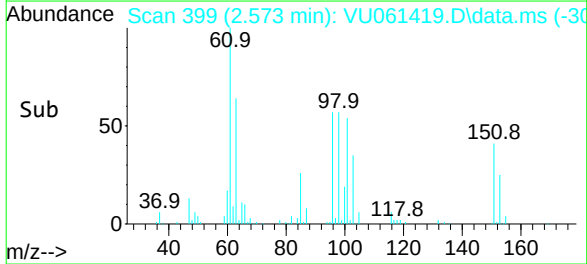
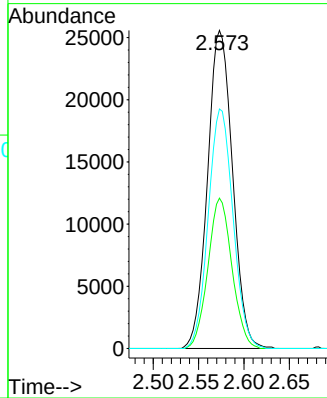
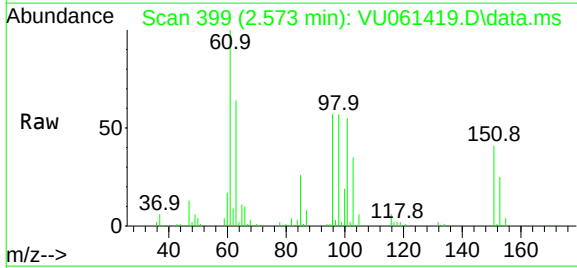




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 4.854 ug/L
RT: 2.573 min Scan# 399
Delta R.T. -0.000 min
Lab File: VU061419.D
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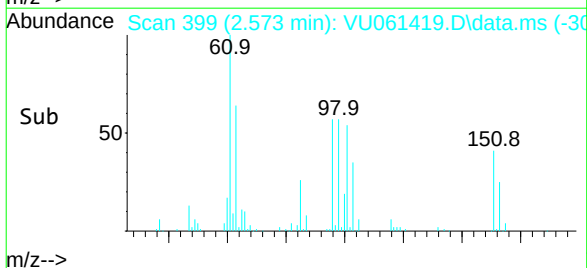
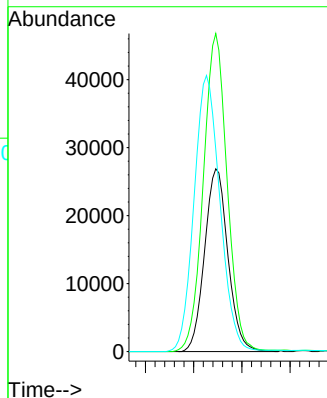
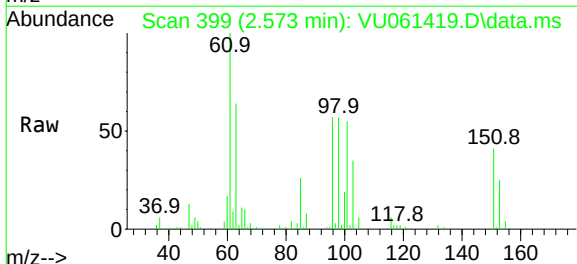
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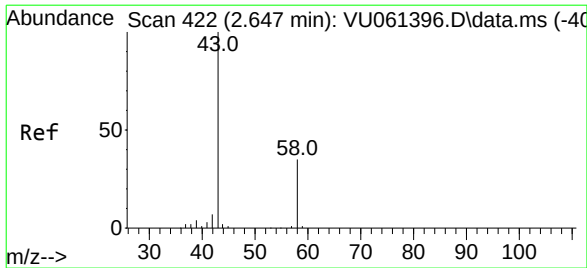
Tgt Ion:101 Resp: 48980
Ion Ratio Lower Upper
101 100
85 45.4 35.6 53.4
151 74.7 55.9 83.9



#12
1,1-Dichloroethene
Concen: 4.721 ug/L
RT: 2.573 min Scan# 399
Delta R.T. -0.000 min
Lab File: VU061419.D
Acq: 04 Nov 2024 19:50

Tgt Ion: 96 Resp: 45173
Ion Ratio Lower Upper
96 100
61 174.0 119.1 221.1
63 110.5 89.4 166.0





#13

Acetone

Concen: 52.767 ug/L

RT: 2.631 min Scan# 417

Delta R.T. -0.013 min

Lab File: VU061419.D

Acq: 04 Nov 2024 19:50

Instrument :

MSVOA_U

ClientSampleId :

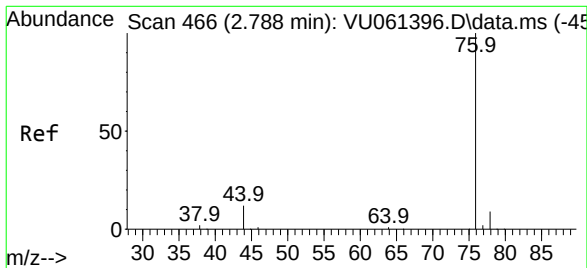
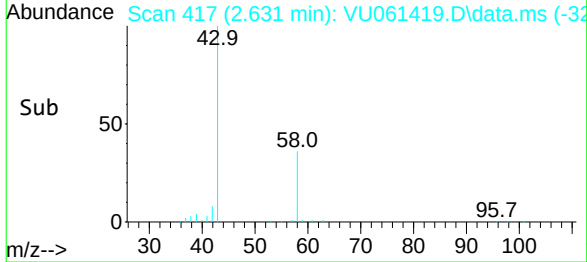
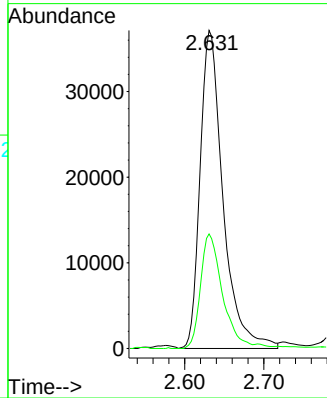
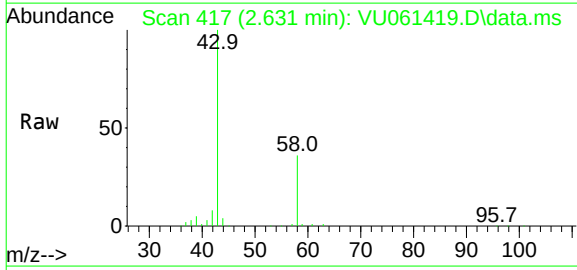
C0CF5MS

Tgt Ion: 43 Resp: 74606

Ion Ratio Lower Upper

43 100

58 34.2 0.0 73.2



#14

Carbon disulfide

Concen: 4.014 ug/L

RT: 2.785 min Scan# 465

Delta R.T. -0.003 min

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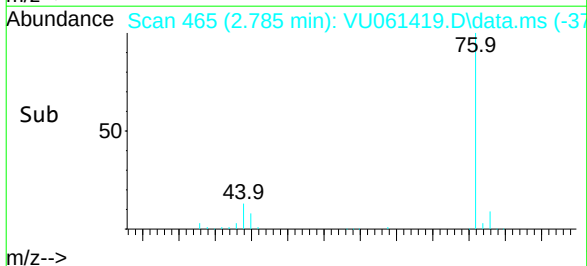
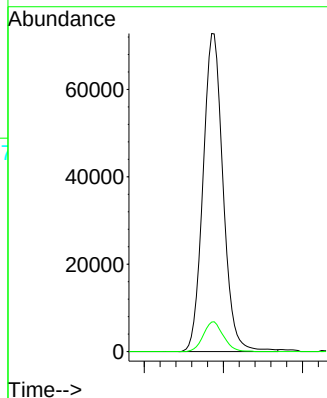
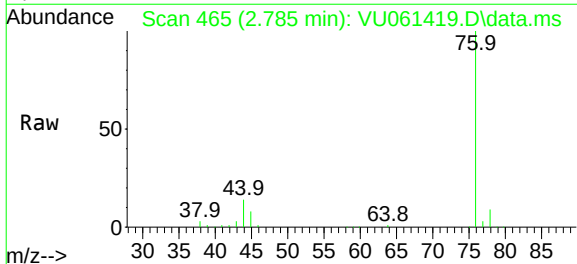
Acq: 04 Nov 2024 19:50

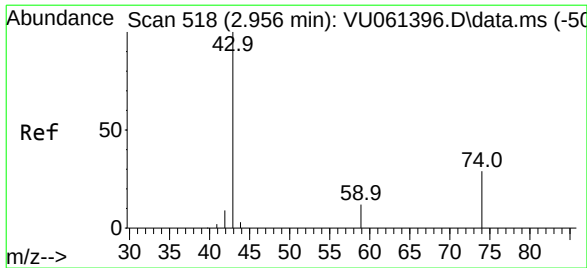
Tgt Ion: 76 Resp: 128156

Ion Ratio Lower Upper

76 100

78 9.3 7.4 11.2

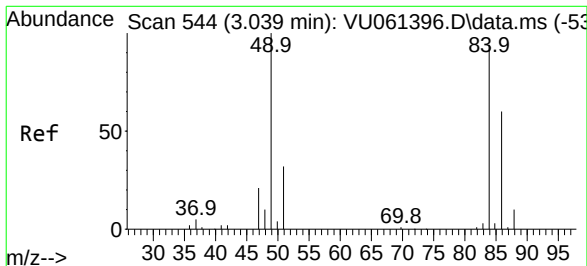
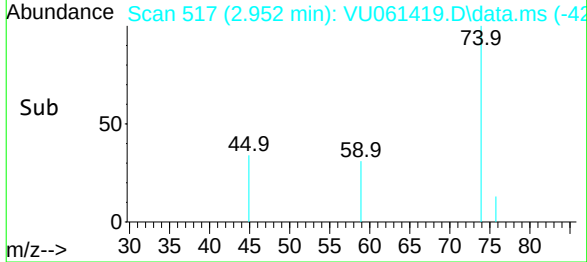
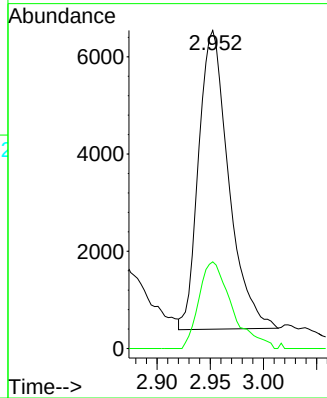
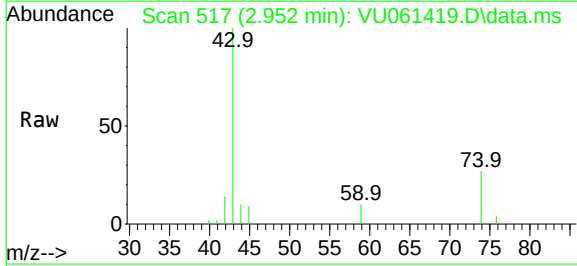




#15
Methyl Acetate
Concen: 3.446 ug/L
RT: 2.952 min Scan# 517
Delta R.T. -0.000 min
Lab File: VU061419.D
Acq: 04 Nov 2024 19:50

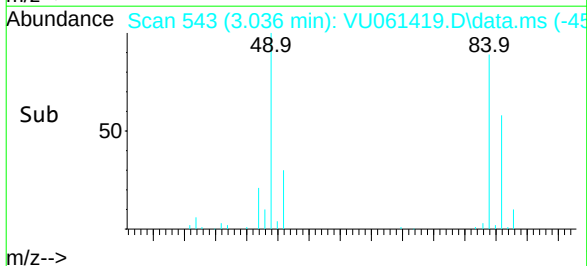
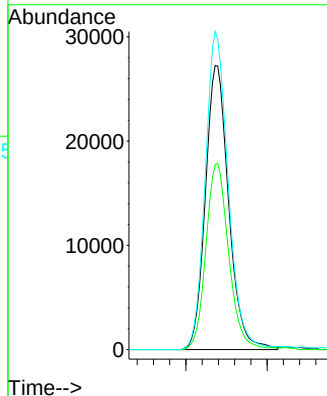
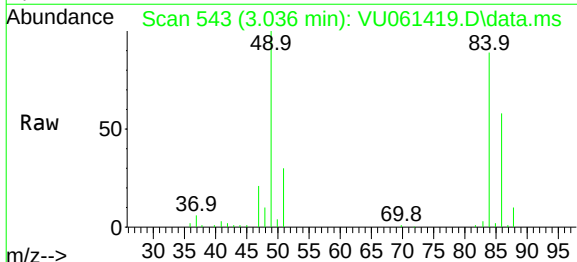
Instrument :
MSVOA_U
ClientSampleId :
C0CF5MS

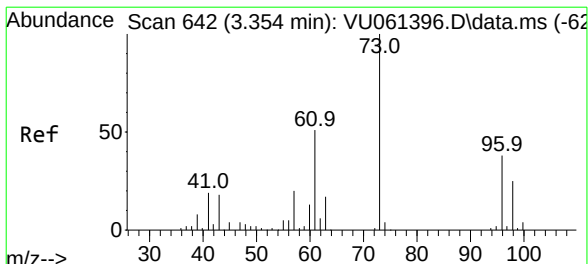
Tgt Ion: 43 Resp: 12065
Ion Ratio Lower Upper
43 100
74 31.9 22.2 33.4



#16
Methylene chloride
Concen: 4.814 ug/L
RT: 3.036 min Scan# 543
Delta R.T. -0.003 min
Lab File: VU061419.D
Acq: 04 Nov 2024 19:50

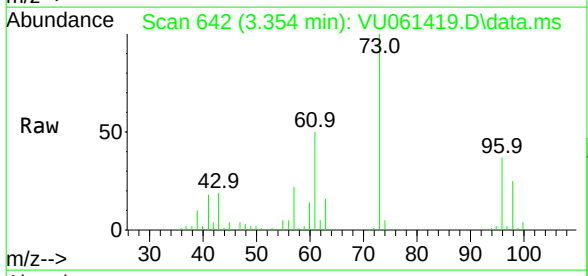
Tgt Ion: 84 Resp: 54283
Ion Ratio Lower Upper
84 100
86 65.0 43.5 80.7
49 112.0 75.7 140.7





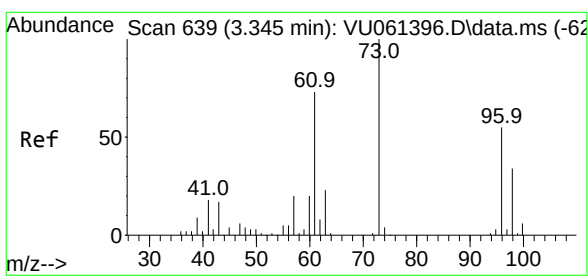
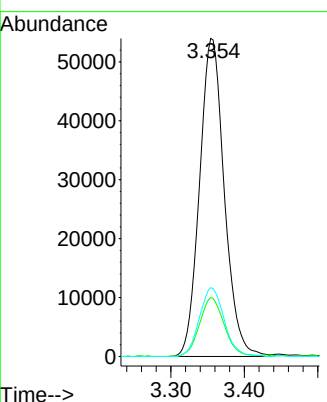
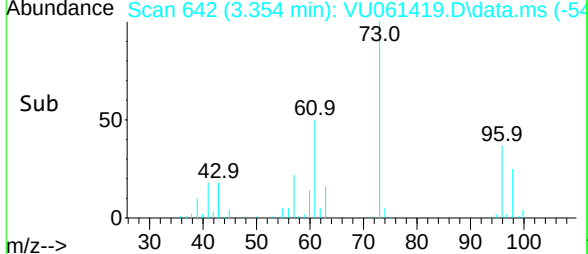
#17
Methyl tert-butyl Ether
Concen: 4.872 ug/L
RT: 3.354 min Scan# 642
Delta R.T. -0.000 min
Lab File: VU061419.D
Acq: 04 Nov 2024 19:50

Instrument :
MSVOA_U
ClientSampleId :
C0CF5MS

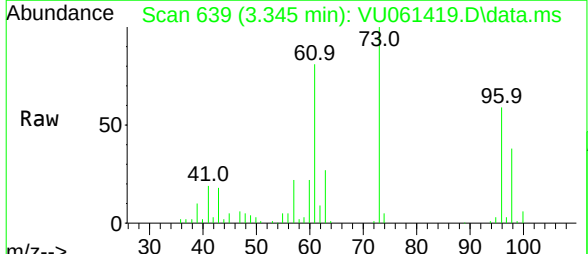


Tgt Ion: 73 Resp: 126355

Ion	Ratio	Lower	Upper
73	100		
43	18.5	15.0	22.4
57	21.6	17.0	25.6

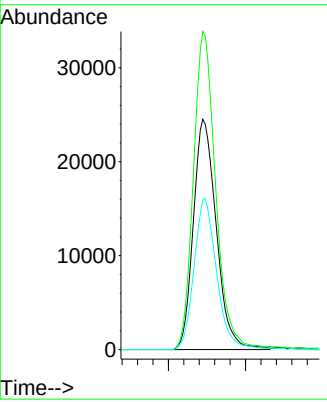
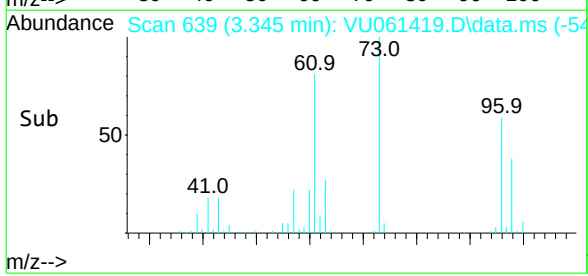


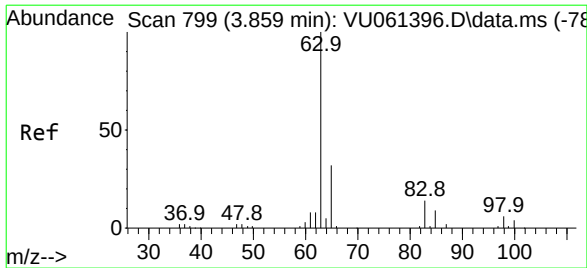
#18
trans-1,2-Dichloroethene
Concen: 4.782 ug/L
RT: 3.345 min Scan# 639
Delta R.T. -0.003 min
Lab File: VU061419.D
Acq: 04 Nov 2024 19:50



Tgt Ion: 96 Resp: 50599

Ion	Ratio	Lower	Upper
96	100		
61	138.1	97.9	181.7
98	65.1	46.2	85.8

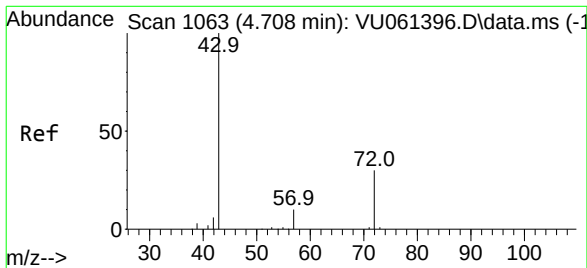
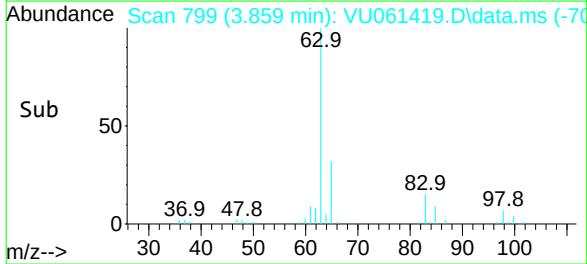
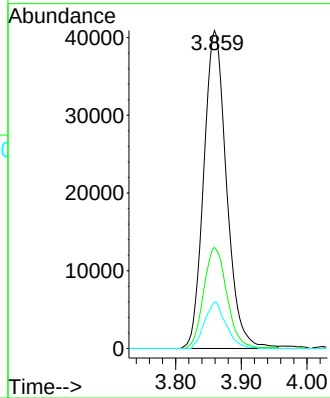
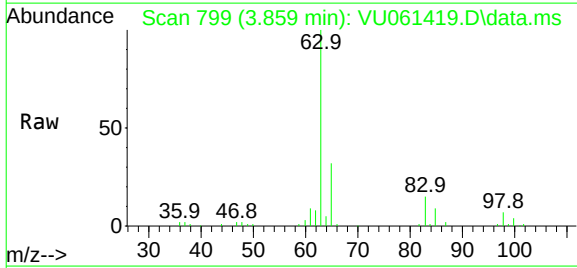




#19
1,1-Dichloroethane
Concen: 4.947 ug/L
RT: 3.859 min Scan# 799
Delta R.T. -0.003 min
Lab File: VU061419.D
Acq: 04 Nov 2024 19:50

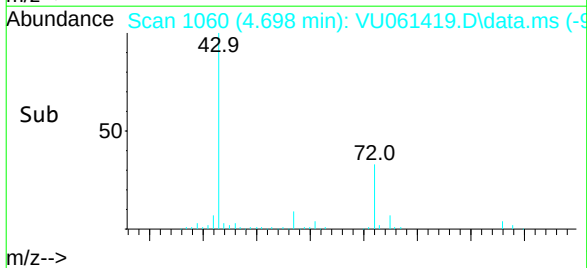
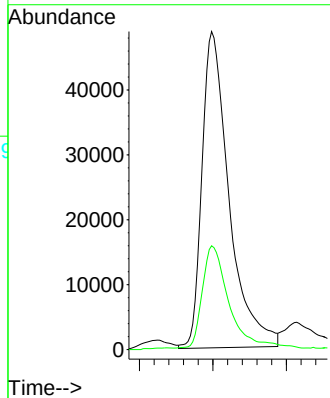
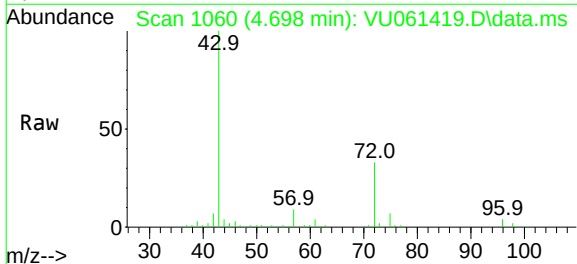
Instrument :
MSVOA_U
ClientSampleId :
C0CF5MS

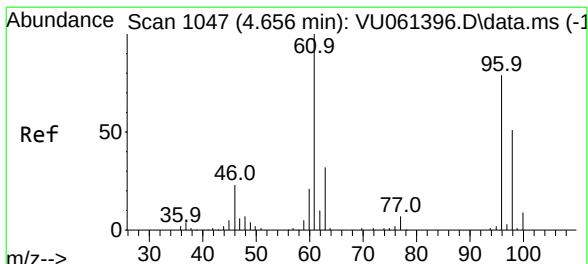
Tgt Ion:	63	Resp:	98721
Ion	Ratio	Lower	Upper
63	100		
65	31.8	23.0	42.6
83	14.6	9.7	17.9



#21
2-Butanone
Concen: 55.785 ug/L
RT: 4.698 min Scan# 1060
Delta R.T. -0.007 min
Lab File: VU061419.D
Acq: 04 Nov 2024 19:50

Tgt Ion:	43	Resp:	125039
Ion	Ratio	Lower	Upper
43	100		
72	31.5	15.9	47.6

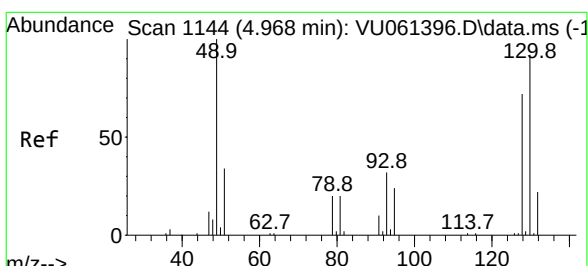
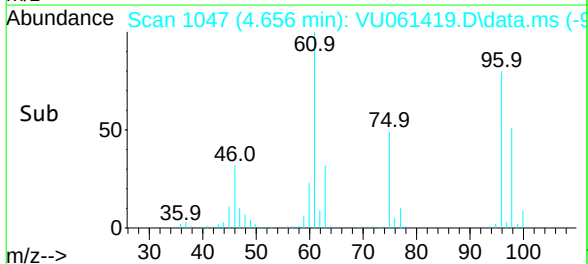
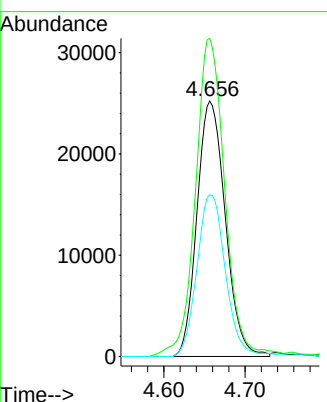
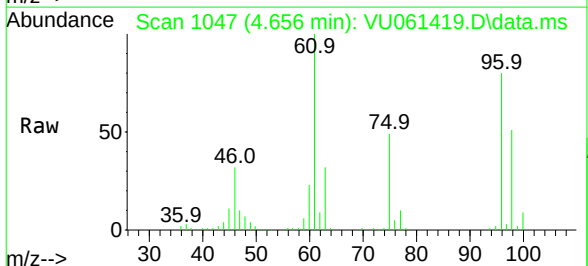




#22
 cis-1,2-Dichloroethene
 Concen: 5.055 ug/L
 RT: 4.656 min Scan# 1047
 Delta R.T. -0.003 min
 Lab File: VU061419.D
 Acq: 04 Nov 2024 19:50

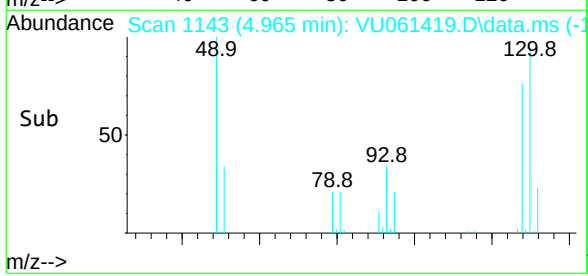
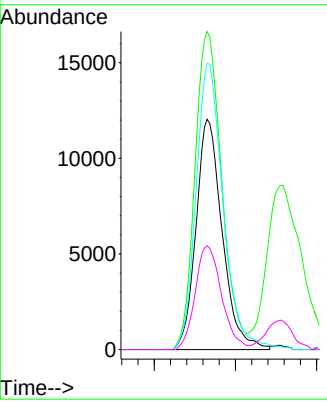
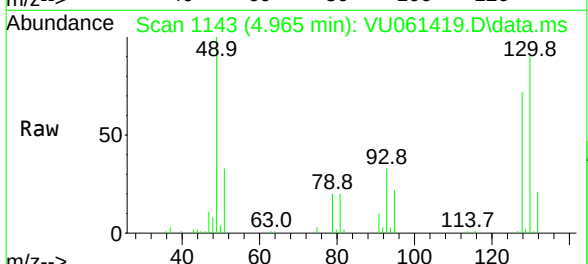
Instrument :
 MSVOA_U
 ClientSampleId :
 C0CF5MS

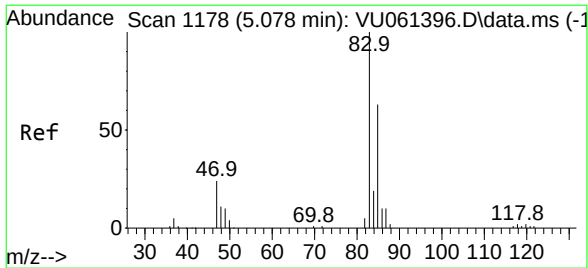
Tgt Ion:	96	Resp:	61103
Ion	Ratio	Lower	Upper
96	100		
61	124.5	88.1	163.5
98	63.3	45.0	83.6



#23
 Bromochloromethane
 Concen: 5.311 ug/L
 RT: 4.965 min Scan# 1143
 Delta R.T. -0.003 min
 Lab File: VU061419.D
 Acq: 04 Nov 2024 19:50

Tgt Ion:	128	Resp:	27009
Ion	Ratio	Lower	Upper
128	100		
49	138.1	105.1	195.1
130	124.2	89.6	166.4
51	45.0	38.7	58.1

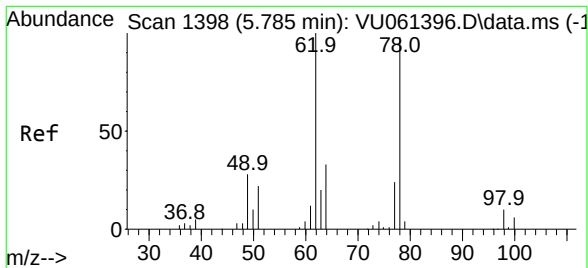
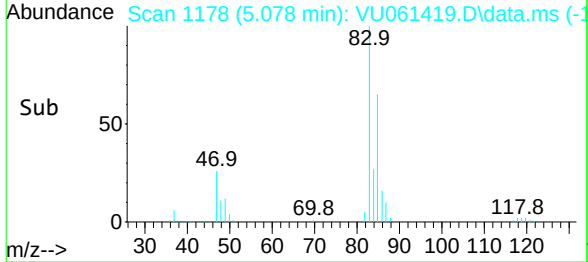
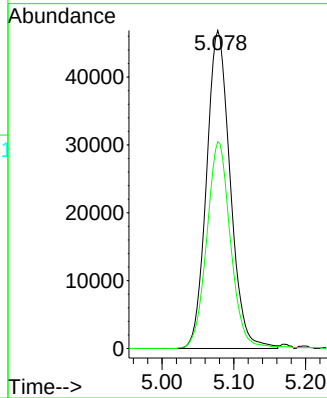
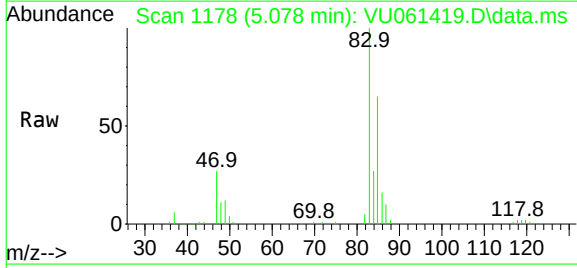




#25
Chloroform
Concen: 5.115 ug/L
RT: 5.078 min Scan# 1178
Delta R.T. -0.000 min
Lab File: VU061419.D
Acq: 04 Nov 2024 19:50

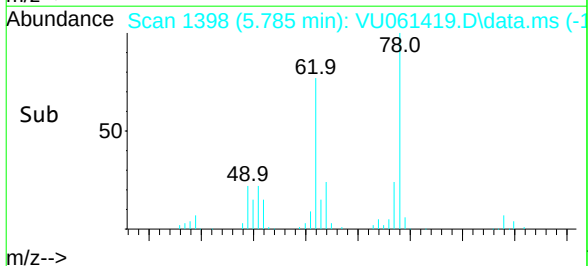
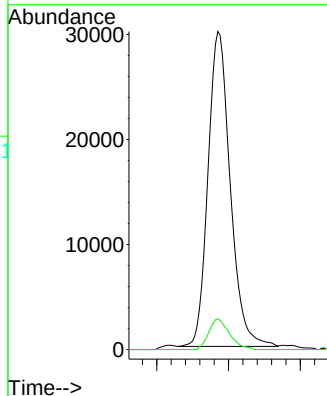
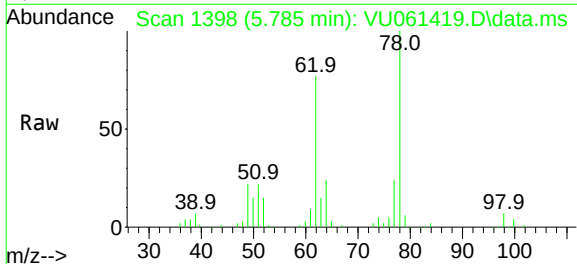
Instrument :
MSVOA_U
ClientSampleId :
C0CF5MS

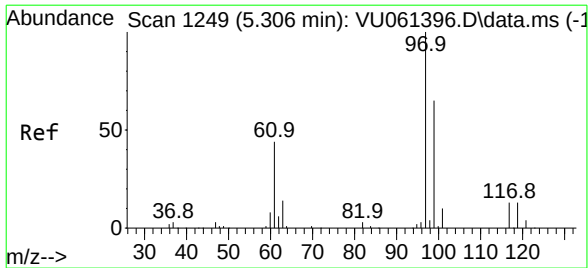
Tgt Ion: 83 Resp: 107336
Ion Ratio Lower Upper
83 100
85 65.0 45.6 84.6



#27
1,2-Dichloroethane
Concen: 4.870 ug/L
RT: 5.785 min Scan# 1398
Delta R.T. -0.000 min
Lab File: VU061419.D
Acq: 04 Nov 2024 19:50

Tgt Ion: 62 Resp: 64576
Ion Ratio Lower Upper
62 100
98 9.7 7.4 11.0

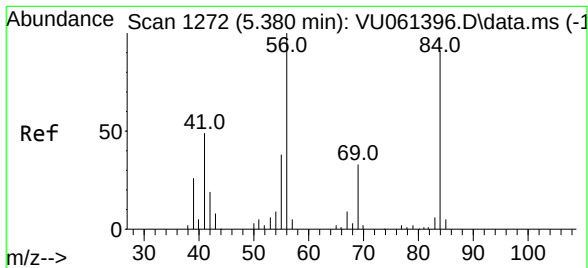
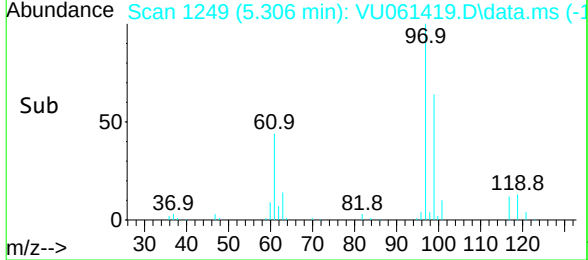
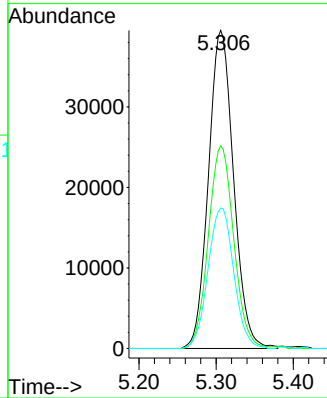
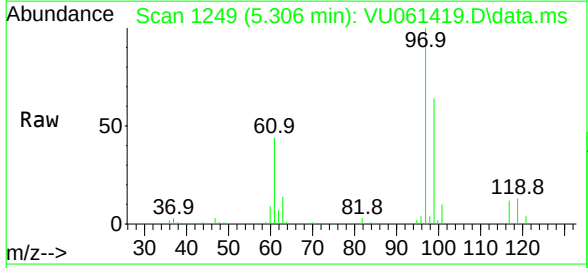




#29
1,1,1-Trichloroethane
Concen: 4.743 ug/L
RT: 5.306 min Scan# 1249
Delta R.T. -0.000 min
Lab File: VU061419.D
Acq: 04 Nov 2024 19:50

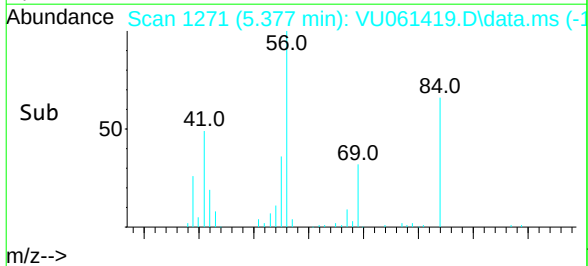
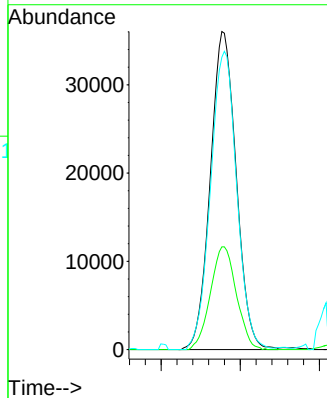
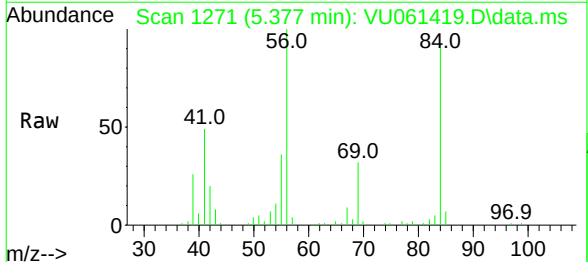
Instrument :
MSVOA_U
ClientSampleId :
C0CF5MS

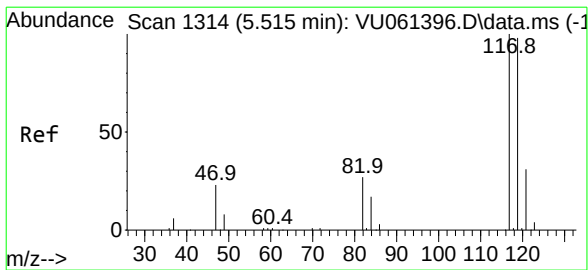
Tgt Ion:	97	Resp:	89417
Ion	Ratio	Lower	Upper
97	100		
99	64.4	50.8	76.2
61	45.3	36.1	54.1



#30
Cyclohexane
Concen: 4.326 ug/L
RT: 5.377 min Scan# 1271
Delta R.T. -0.003 min
Lab File: VU061419.D
Acq: 04 Nov 2024 19:50

Tgt Ion:	56	Resp:	81786
Ion	Ratio	Lower	Upper
56	100		
69	32.5	25.8	38.6
84	95.0	73.9	110.9

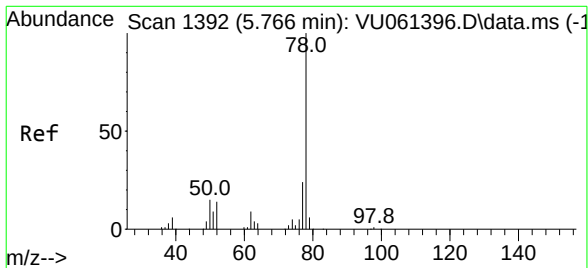
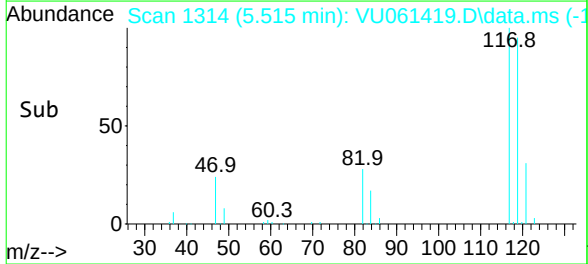
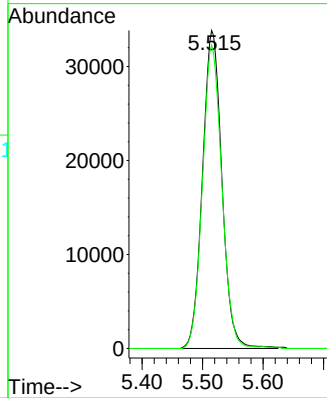
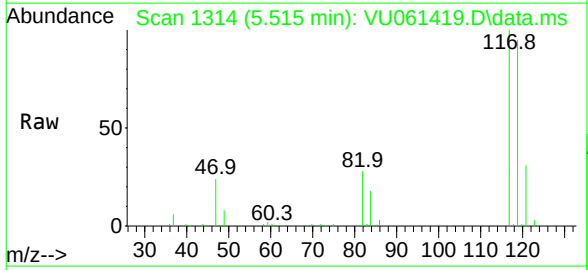




#31
Carbon tetrachloride
Concen: 4.672 ug/L
RT: 5.515 min Scan# 1314
Delta R.T. -0.000 min
Lab File: VU061419.D
Acq: 04 Nov 2024 19:50

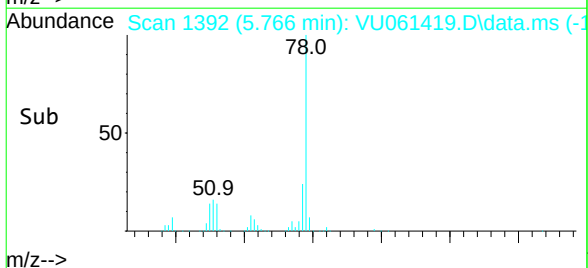
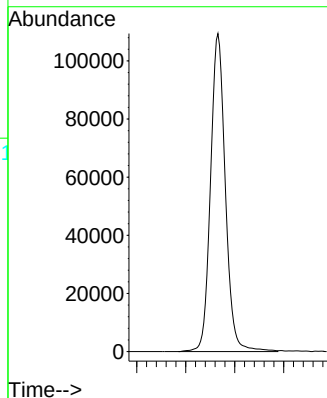
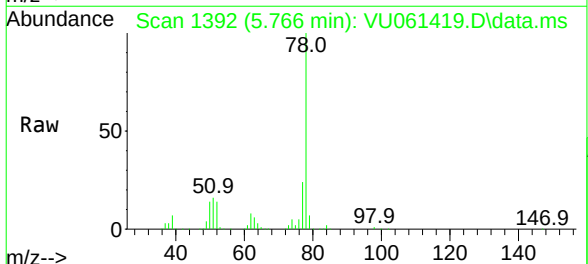
Instrument :
MSVOA_U
ClientSampleId :
C0CF5MS

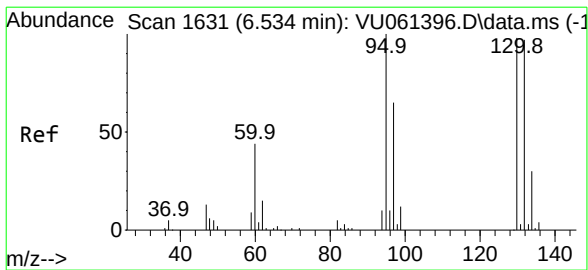
Tgt Ion:117 Resp: 75350
Ion Ratio Lower Upper
117 100
119 95.2 75.5 113.3



#33
Benzene
Concen: 4.834 ug/L
RT: 5.766 min Scan# 1392
Delta R.T. -0.000 min
Lab File: VU061419.D
Acq: 04 Nov 2024 19:50

Tgt Ion: 78 Resp: 230150





#34

Trichloroethene

Concen: 4.636 ug/L

RT: 6.534 min Scan# 16

Delta R.T. -0.000 min

Lab File: VU061419.D

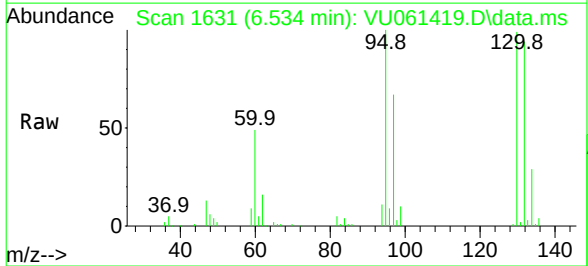
Acq: 04 Nov 2024 19:50

Instrument :

MSVOA_U

ClientSampleId :

C0CF5MS



Tgt Ion: 95 Resp: 60032

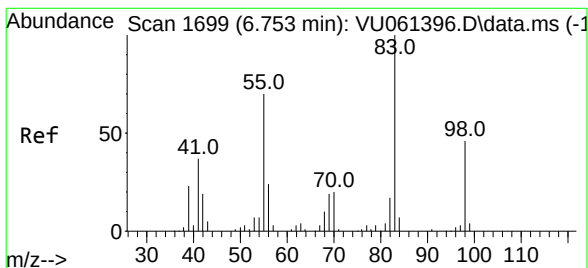
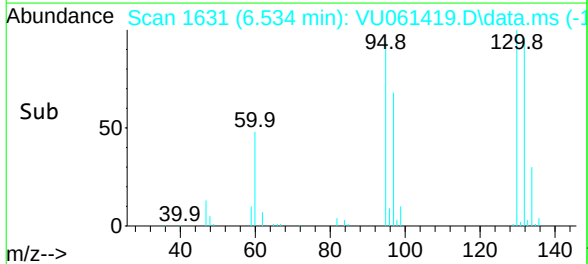
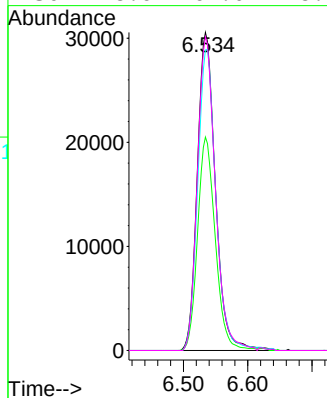
Ion Ratio Lower Upper

95 100

97 67.1 46.1 85.7

132 94.5 66.1 122.7

130 98.6 69.0 128.2



#35

Methylcyclohexane

Concen: 4.401 ug/L

RT: 6.756 min Scan# 1700

Delta R.T. 0.003 min

Lab File: VU061419.D

Acq: 04 Nov 2024 19:50

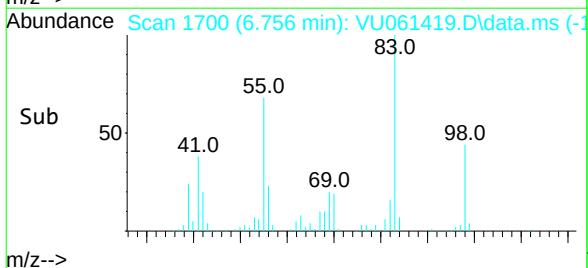
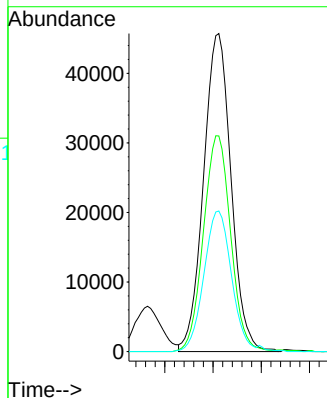
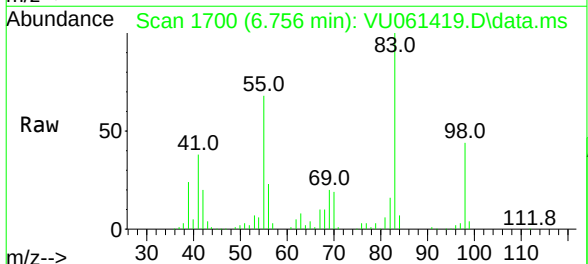
Tgt Ion: 83 Resp: 90711

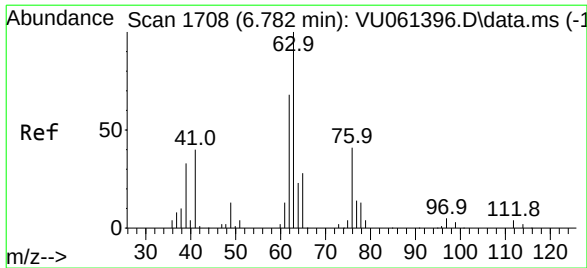
Ion Ratio Lower Upper

83 100

55 67.1 55.9 83.9

98 44.1 35.9 53.9

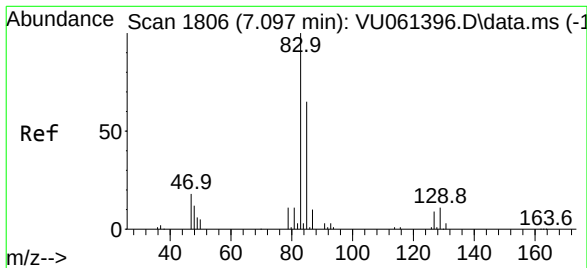
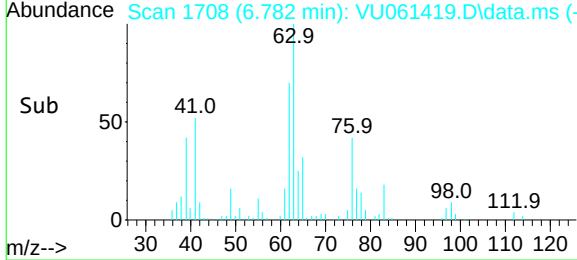
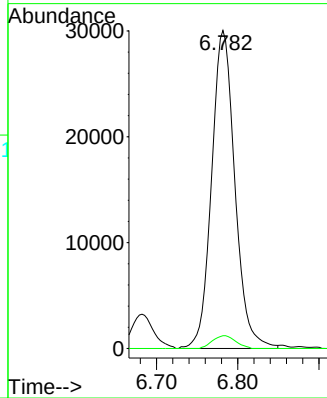
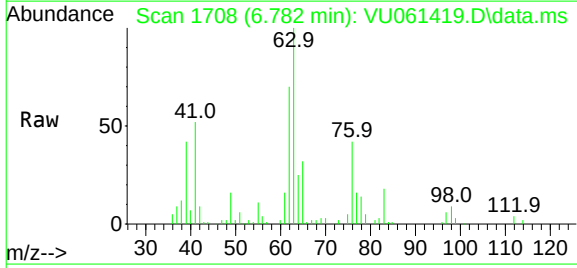




#37
1,2-Dichloropropane
Concen: 4.963 ug/L
RT: 6.782 min Scan# 1708
Delta R.T. -0.000 min
Lab File: VU061419.D
Acq: 04 Nov 2024 19:50

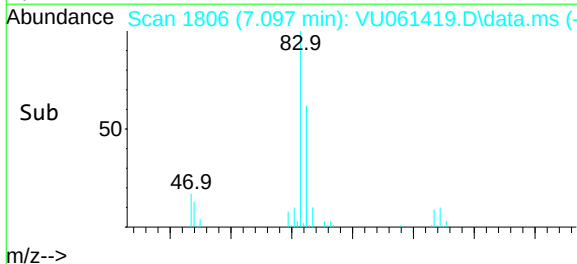
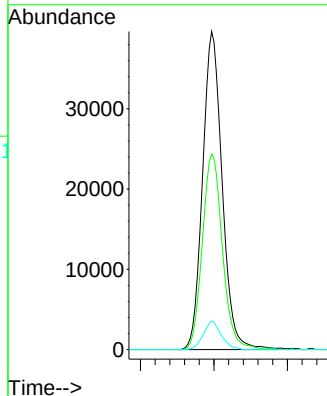
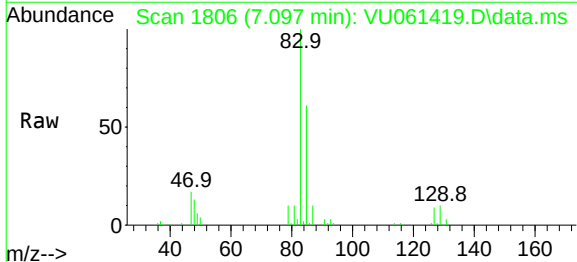
Instrument :
MSVOA_U
ClientSampleId :
C0CF5MS

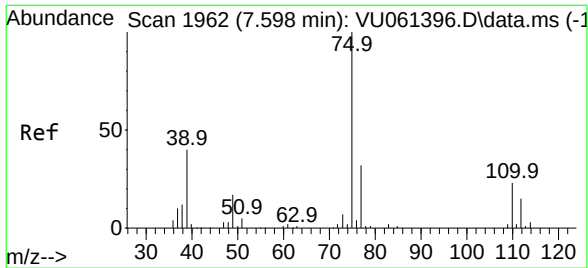
Tgt Ion: 63 Resp: 59895
Ion Ratio Lower Upper
63 100
112 4.0 3.0 4.4



#38
Bromodichloromethane
Concen: 4.803 ug/L
RT: 7.097 min Scan# 1806
Delta R.T. -0.000 min
Lab File: VU061419.D
Acq: 04 Nov 2024 19:50

Tgt Ion: 83 Resp: 73348
Ion Ratio Lower Upper
83 100
85 61.5 43.8 81.4
127 9.0 7.4 11.0

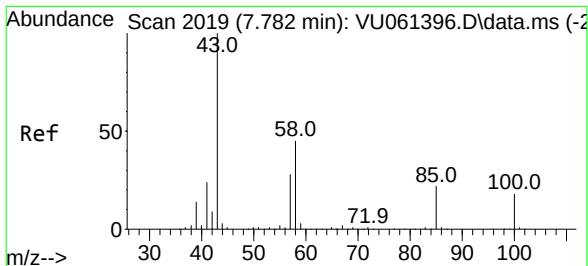
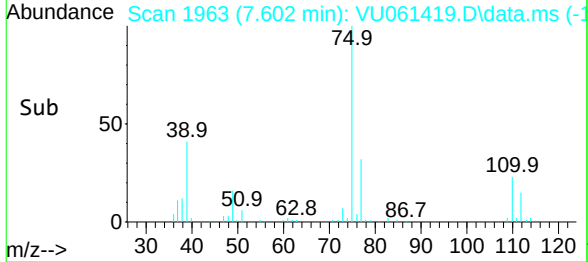
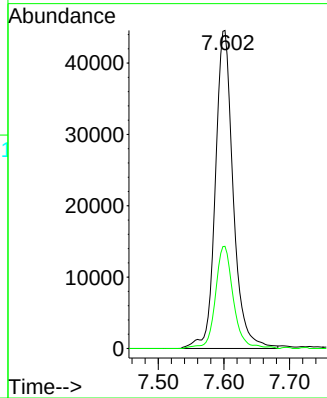
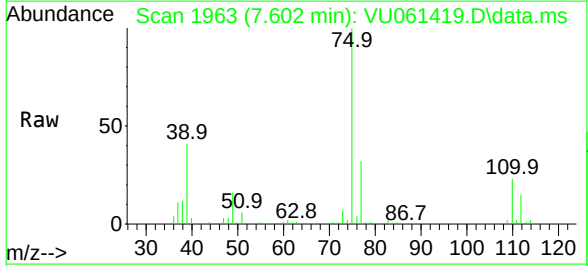




#39
 cis-1,3-Dichloropropene
 Concen: 4.513 ug/L
 RT: 7.602 min Scan# 1963
 Delta R.T. -0.000 min
 Lab File: VU061419.D
 Acq: 04 Nov 2024 19:50

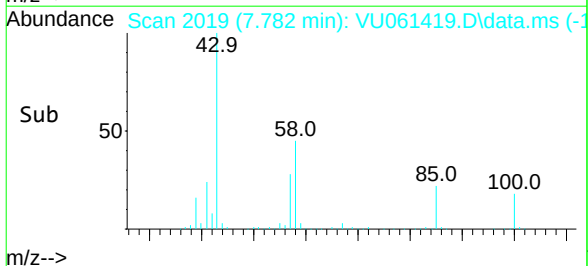
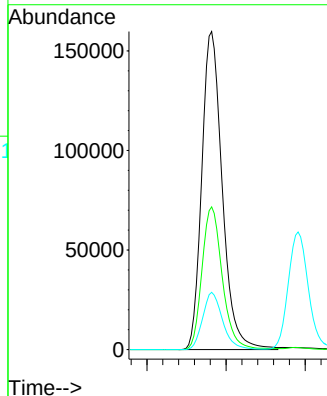
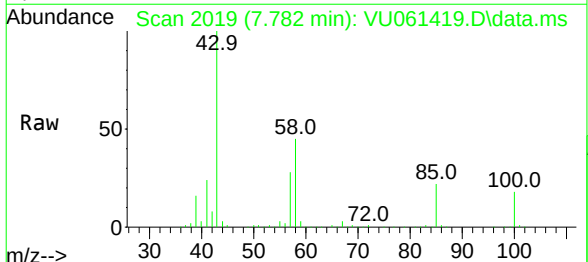
Instrument :
 MSVOA_U
 ClientSampleId :
 C0CF5MS

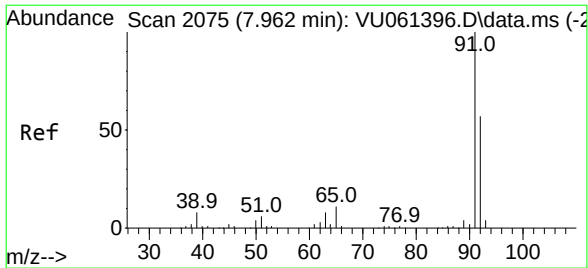
Tgt Ion: 75 Resp: 84112
 Ion Ratio Lower Upper
 75 100
 77 32.1 22.5 41.7



#40
 4-Methyl-2-pentanone
 Concen: 47.837 ug/L
 RT: 7.782 min Scan# 2019
 Delta R.T. -0.000 min
 Lab File: VU061419.D
 Acq: 04 Nov 2024 19:50

Tgt Ion: 43 Resp: 287299
 Ion Ratio Lower Upper
 43 100
 58 44.5 35.1 52.7
 100 17.6 14.0 21.0

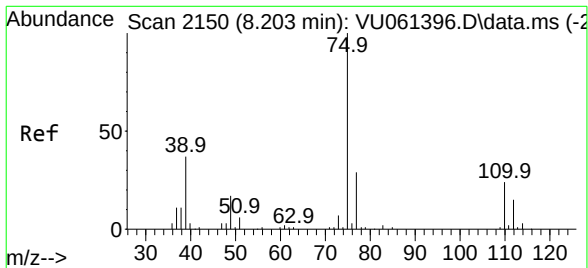
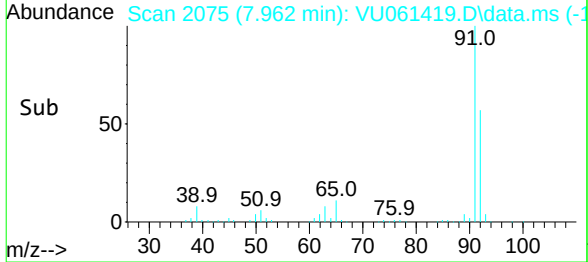
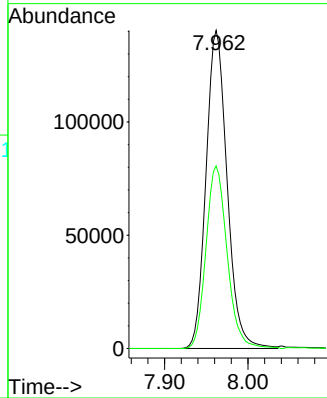
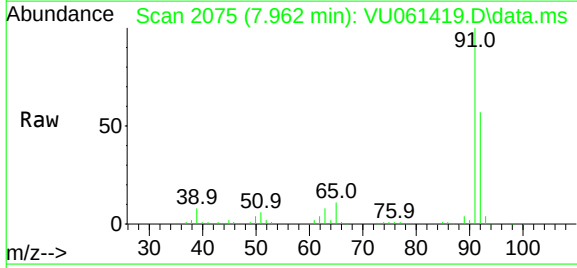




#42
Toluene
Concen: 4.775 ug/L
RT: 7.962 min Scan# 2075
Delta R.T. -0.000 min
Lab File: VU061419.D
Acq: 04 Nov 2024 19:50

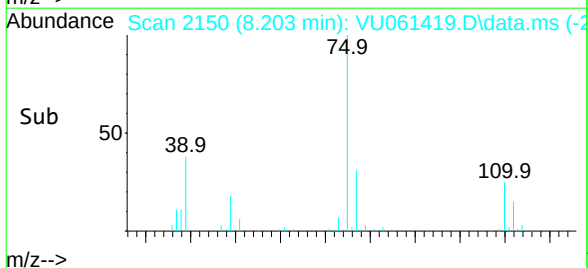
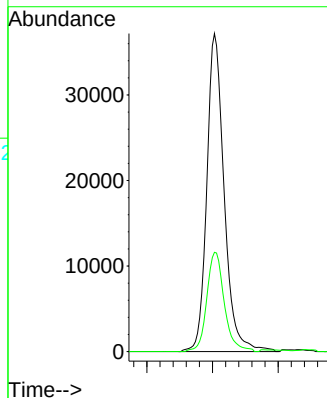
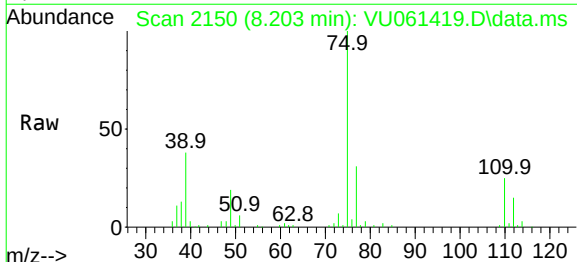
Instrument :
MSVOA_U
ClientSampleId :
C0CF5MS

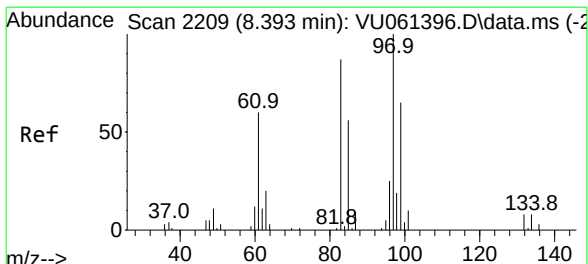
Tgt Ion: 91 Resp: 246841
Ion Ratio Lower Upper
91 100
92 57.4 40.3 74.8



#44
trans-1,3-Dichloropropene
Concen: 4.492 ug/L
RT: 8.203 min Scan# 2150
Delta R.T. -0.000 min
Lab File: VU061419.D
Acq: 04 Nov 2024 19:50

Tgt Ion: 75 Resp: 68211
Ion Ratio Lower Upper
75 100
77 31.2 22.0 40.8

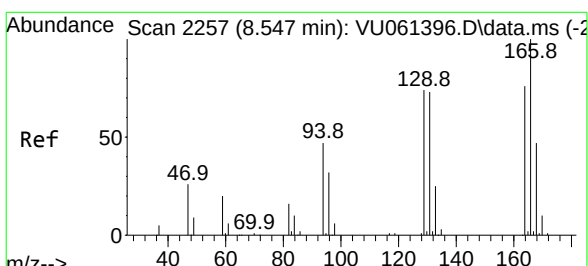
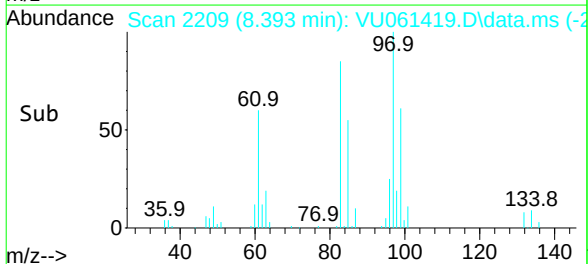
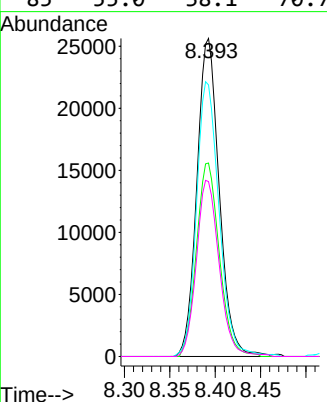
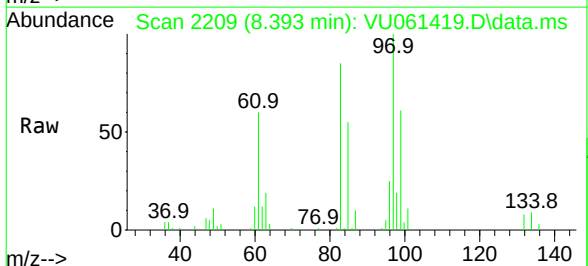




#45
 1,1,2-Trichloroethane
 Concen: 5.061 ug/L
 RT: 8.393 min Scan# 2209
 Delta R.T. 0.003 min
 Lab File: VU061419.D
 Acq: 04 Nov 2024 19:50

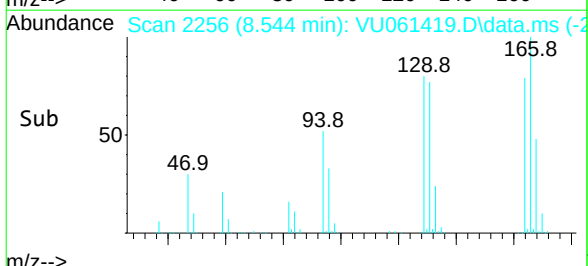
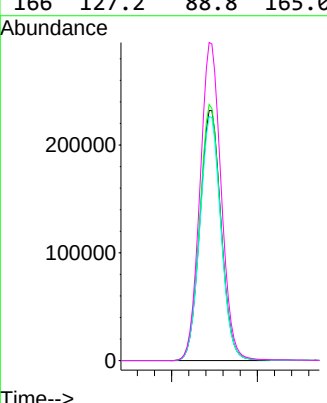
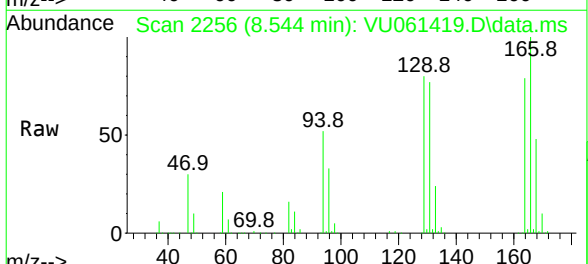
Instrument :
 MSVOA_U
 ClientSampleId :
 C0CF5MS

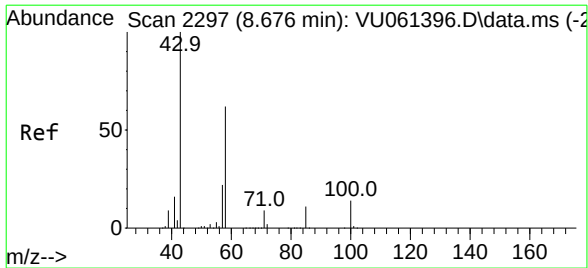
Tgt Ion:	97	Resp:	43953
Ion	Ratio	Lower	Upper
97	100		
99	60.8	44.1	81.9
83	85.4	61.2	113.6
85	55.0	38.1	70.7



#47
 Tetrachloroethene
 Concen: 44.240 ug/L
 RT: 8.544 min Scan# 2256
 Delta R.T. -0.003 min
 Lab File: VU061419.D
 Acq: 04 Nov 2024 19:50

Tgt Ion:	164	Resp:	400139
Ion	Ratio	Lower	Upper
164	100		
129	102.4	69.9	129.7
131	97.6	68.3	126.8
166	127.2	88.8	165.0

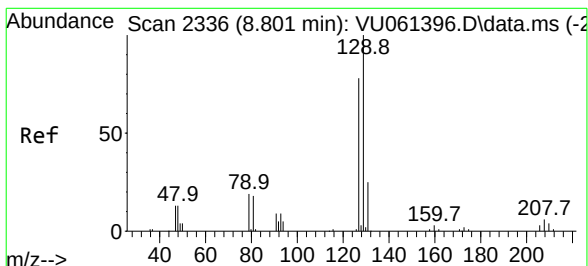
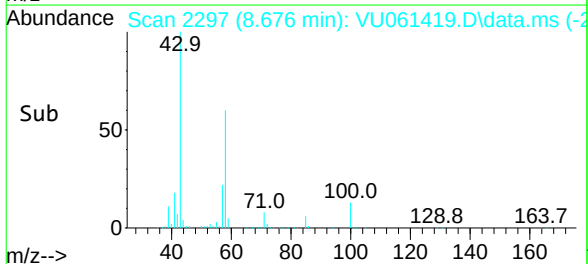
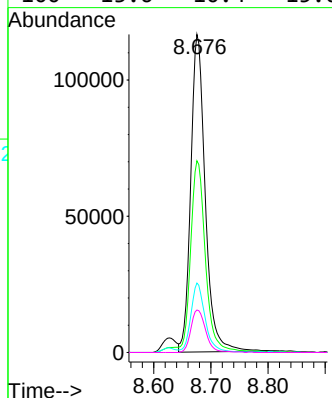
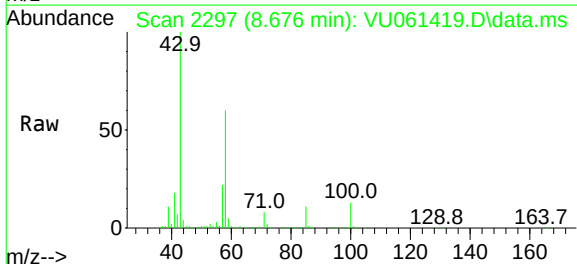




#48
2-Hexanone
Concen: 48.368 ug/L
RT: 8.676 min Scan# 2297
Delta R.T. -0.000 min
Lab File: VU061419.D
Acq: 04 Nov 2024 19:50

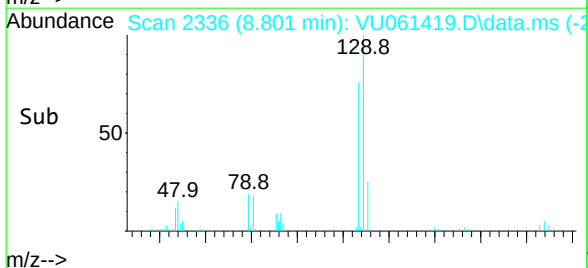
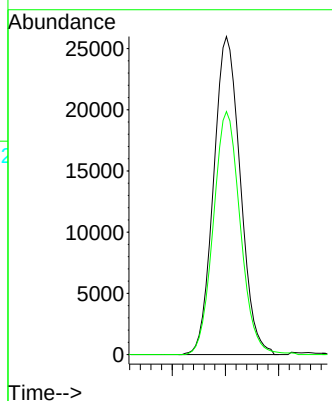
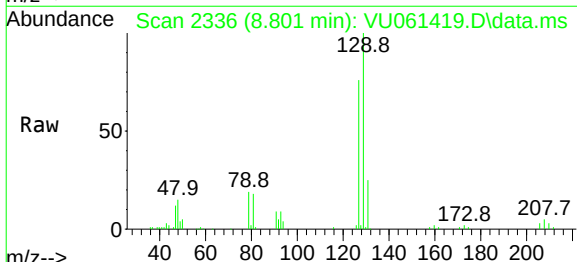
Instrument :
MSVOA_U
ClientSampleId :
C0CF5MS

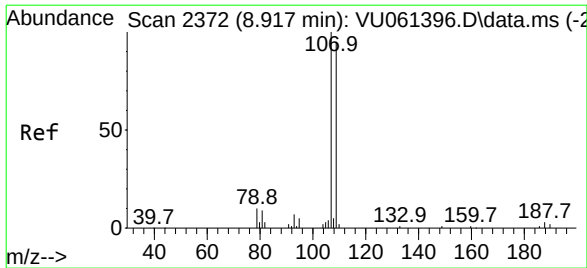
Tgt Ion:	43	Resp:	205417
Ion	Ratio	Lower	Upper
43	100		
58	63.2	48.6	72.8
57	21.3	17.0	25.6
100	13.6	10.4	15.6



#49
Dibromochloromethane
Concen: 4.603 ug/L
RT: 8.801 min Scan# 2336
Delta R.T. -0.000 min
Lab File: VU061419.D
Acq: 04 Nov 2024 19:50

Tgt Ion:	129	Resp:	45335
Ion	Ratio	Lower	Upper
129	100		
127	76.4	51.8	96.2

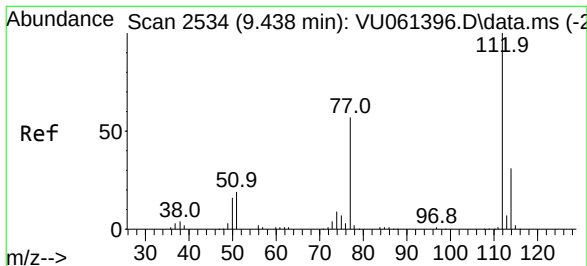
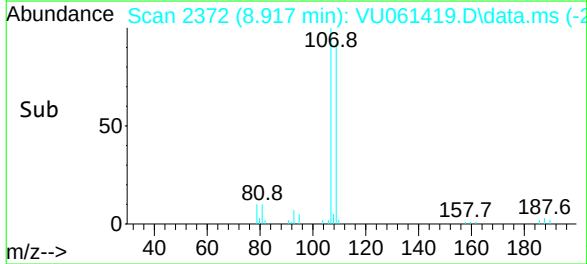
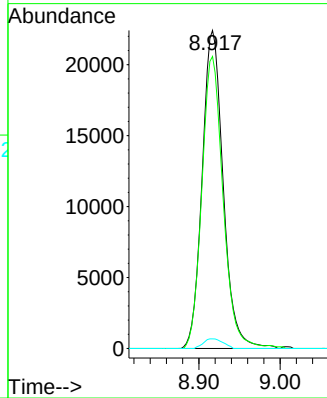
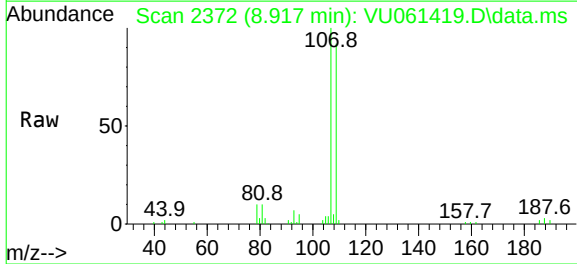




#50
1,2-Dibromoethane
Concen: 4.780 ug/L
RT: 8.917 min Scan# 2372
Delta R.T. -0.000 min
Lab File: VU061419.D
Acq: 04 Nov 2024 19:50

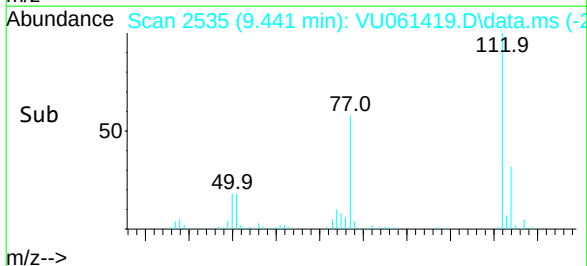
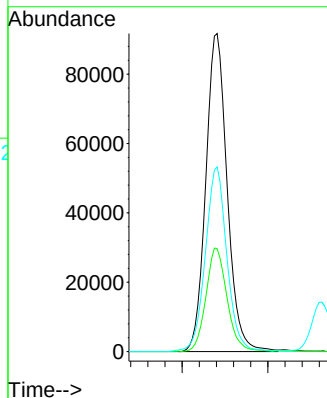
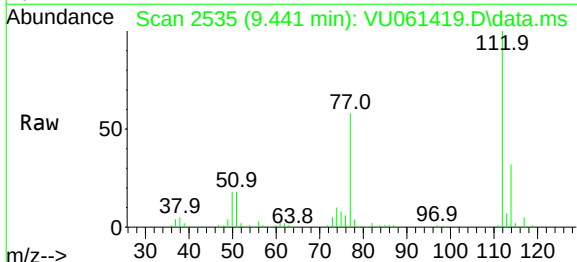
Instrument :
MSVOA_U
ClientSampleId :
C0CF5MS

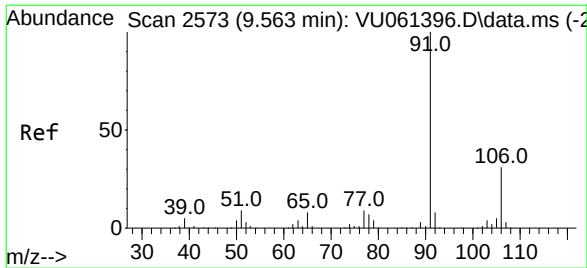
Tgt Ion:107 Resp: 40323
Ion Ratio Lower Upper
107 100
109 91.8 63.4 117.8
188 3.0 2.6 3.8



#51
Chlorobenzene
Concen: 4.862 ug/L
RT: 9.441 min Scan# 2535
Delta R.T. -0.000 min
Lab File: VU061419.D
Acq: 04 Nov 2024 19:50

Tgt Ion:112 Resp: 158873
Ion Ratio Lower Upper
112 100
114 32.4 22.9 42.5
77 58.1 47.1 70.7

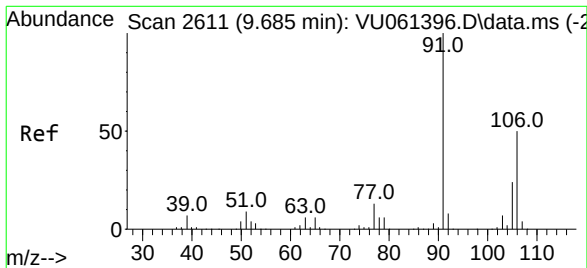
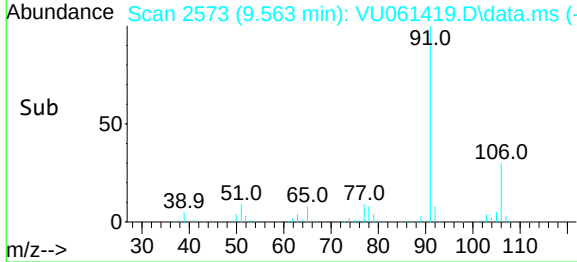
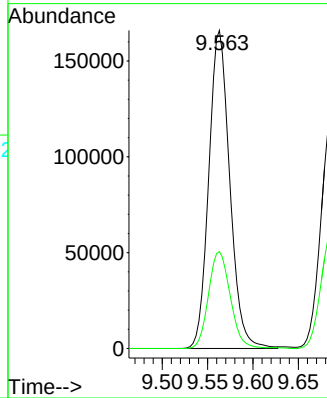
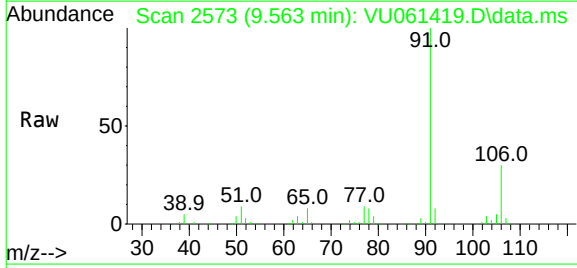




#52
Ethylbenzene
Concen: 4.687 ug/L
RT: 9.563 min Scan# 2573
Delta R.T. -0.000 min
Lab File: VU061419.D
Acq: 04 Nov 2024 19:50

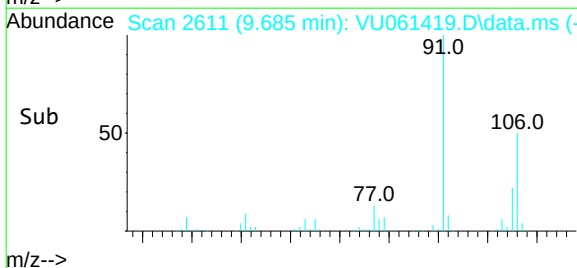
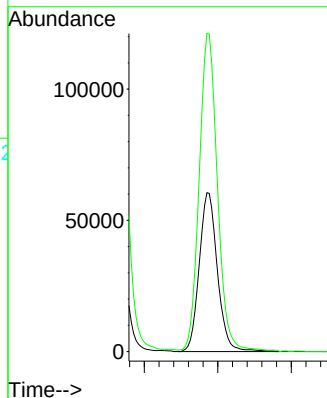
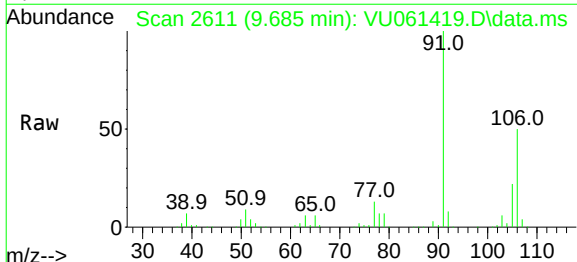
Instrument :
MSVOA_U
ClientSampleId :
C0CF5MS

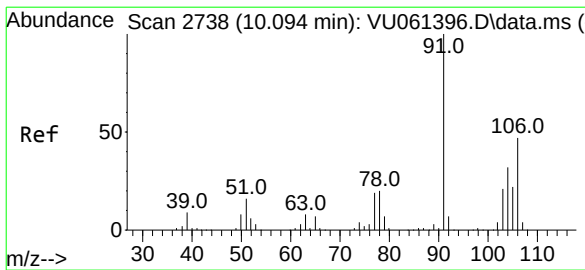
Tgt Ion: 91 Resp: 266543
Ion Ratio Lower Upper
91 100
106 30.5 22.0 41.0



#53
m,p-Xylene
Concen: 4.796 ug/L
RT: 9.685 min Scan# 2611
Delta R.T. -0.003 min
Lab File: VU061419.D
Acq: 04 Nov 2024 19:50

Tgt Ion: 106 Resp: 103910
Ion Ratio Lower Upper
106 100
91 200.2 145.7 270.7





#54

o-Xylene

Concen: 4.712 ug/L

RT: 10.094 min Scan# 2738

Delta R.T. -0.000 min

Lab File: VU061419.D

Acq: 04 Nov 2024 19:50

Instrument :

MSVOA_U

ClientSampleId :

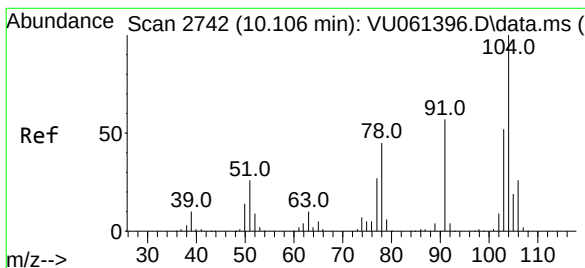
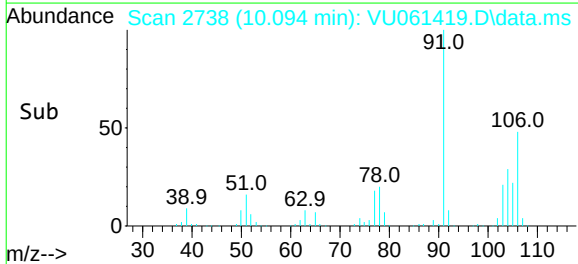
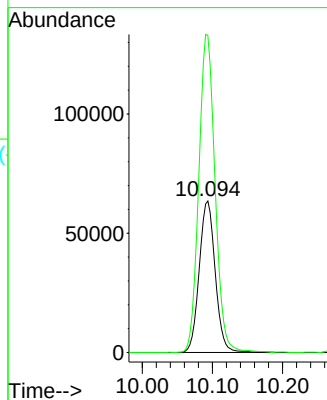
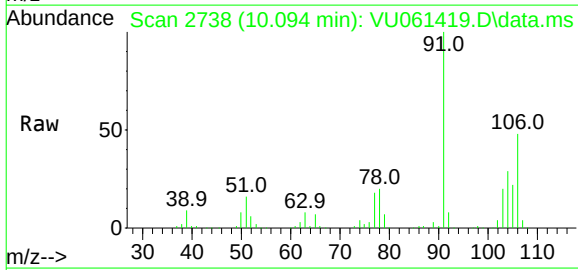
C0CF5MS

Tgt Ion:106 Resp: 100754

Ion Ratio Lower Upper

106 100

91 209.2 148.8 276.4



#55

Styrene

Concen: 4.662 ug/L

RT: 10.106 min Scan# 2742

Delta R.T. -0.000 min

Lab File: VU061419.D

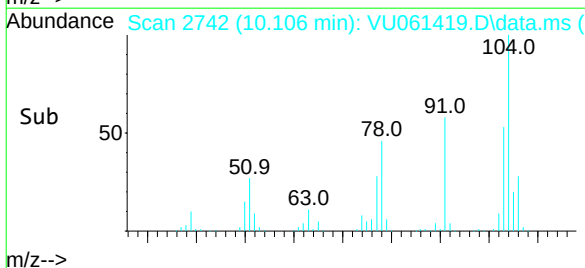
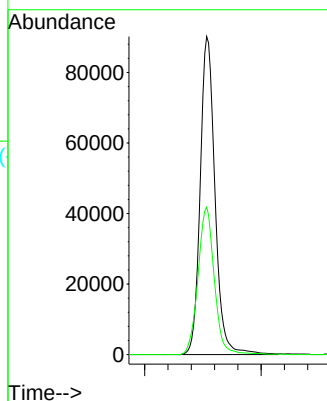
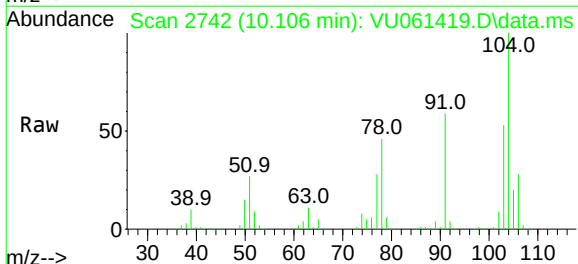
Acq: 04 Nov 2024 19:50

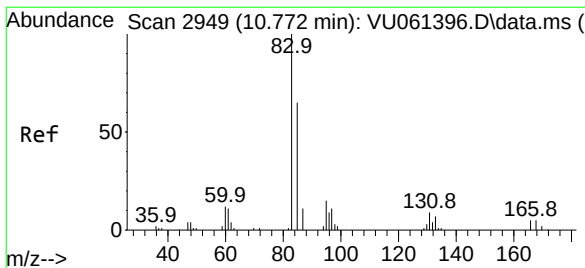
Tgt Ion:104 Resp: 159816

Ion Ratio Lower Upper

104 100

78 46.4 32.3 59.9





#57

1,1,2,2-Tetrachloroethane

Concen: 5.048 ug/L

RT: 10.772 min Scan# 2949

Delta R.T. -0.003 min

Lab File: VU061419.D

Acq: 04 Nov 2024 19:50

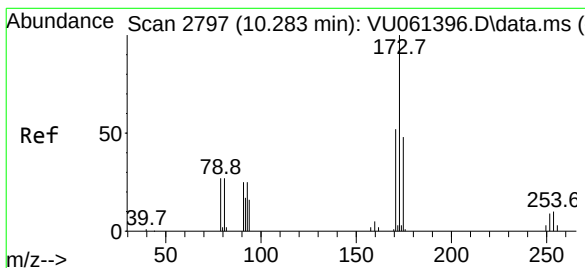
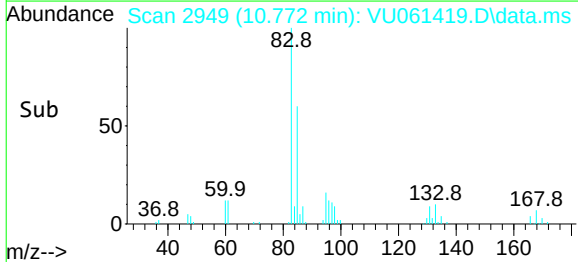
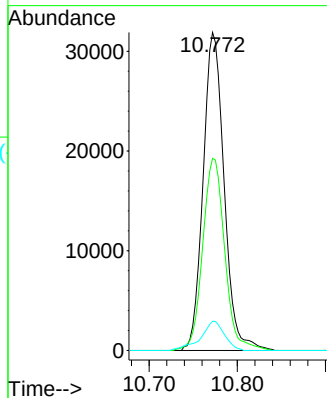
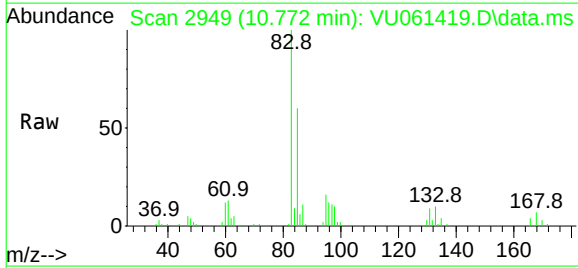
Instrument :

MSVOA_U

ClientSampleId :

C0CF5MS

Tgt Ion:	83	Resp:	52827
Ion Ratio	Lower	Upper	
83	100		
85	60.4	45.3	84.1
131	9.2	7.6	11.4



#59

Bromoform

Concen: 4.471 ug/L

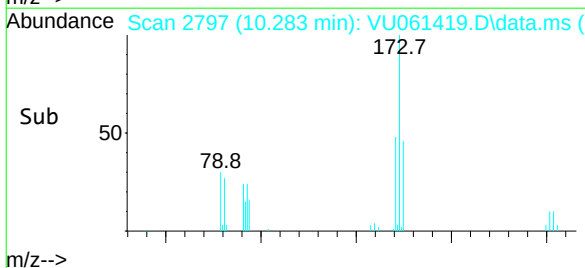
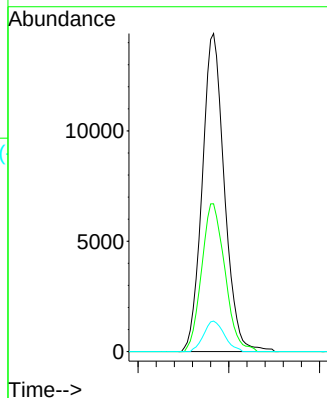
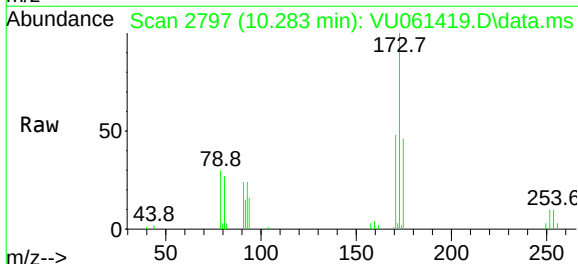
RT: 10.283 min Scan# 2797

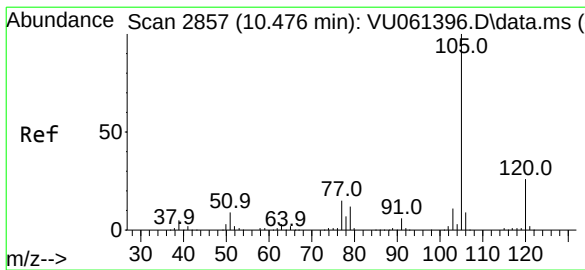
Delta R.T. -0.000 min

Lab File: VU061419.D

Acq: 04 Nov 2024 19:50

Tgt Ion:	173	Resp:	24435
Ion Ratio	Lower	Upper	
173	100		
175	48.9	39.0	58.4
254	9.0	6.8	10.2

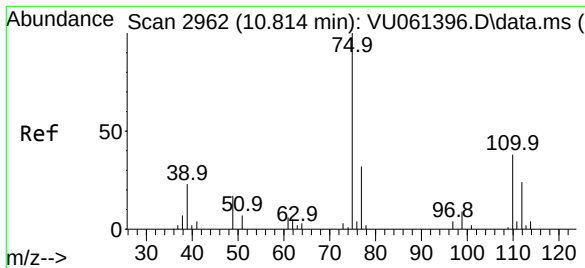
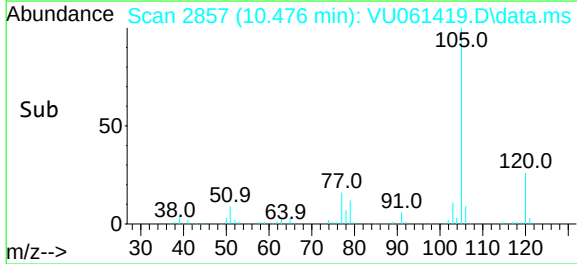
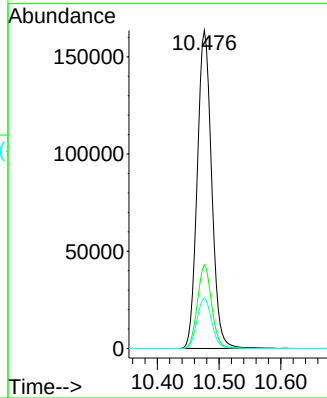
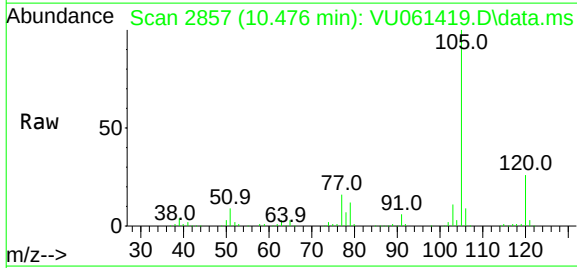




#60
Isopropylbenzene
Concen: 4.691 ug/L
RT: 10.476 min Scan# 2857
Delta R.T. -0.000 min
Lab File: VU061419.D
Acq: 04 Nov 2024 19:50

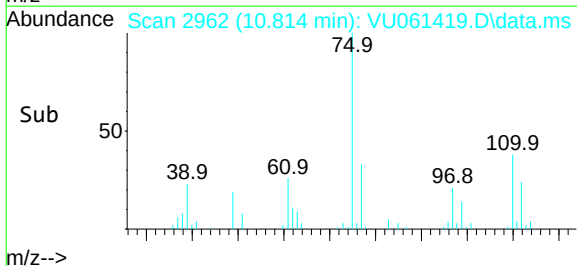
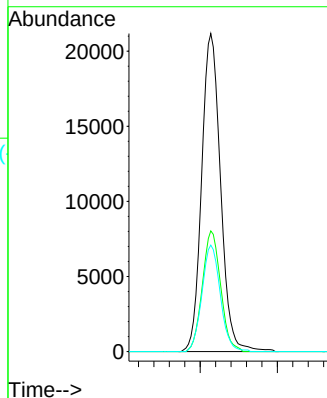
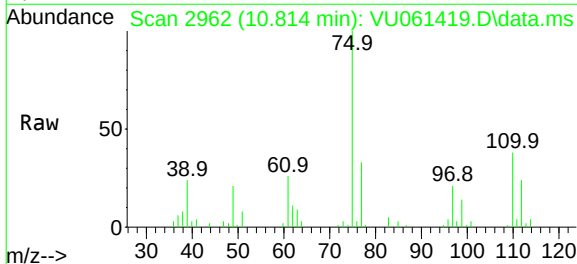
Instrument :
MSVOA_U
ClientSampleId :
C0CF5MS

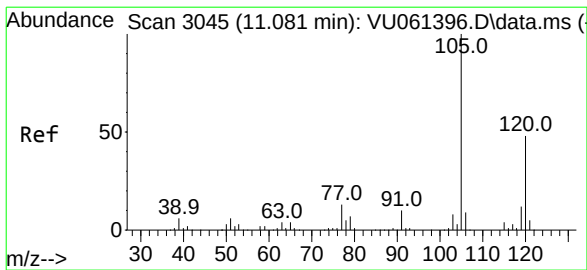
Tgt Ion:	105	Resp:	264614
Ion Ratio	Lower	Upper	
105	100		
120	26.0	21.2	31.8
77	16.2	12.6	19.0



#61
1,2,3-Trichloropropane
Concen: 4.901 ug/L
RT: 10.814 min Scan# 2962
Delta R.T. -0.000 min
Lab File: VU061419.D
Acq: 04 Nov 2024 19:50

Tgt Ion:	75	Resp:	36048
Ion Ratio	Lower	Upper	
75	100		
110	36.6	28.8	43.2
77	32.5	25.7	38.5

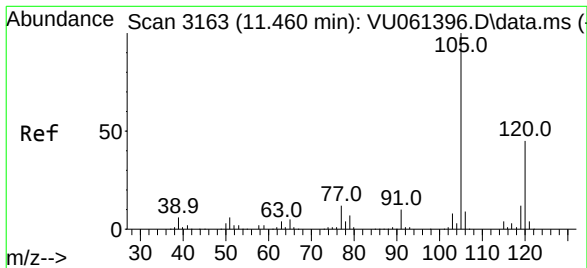
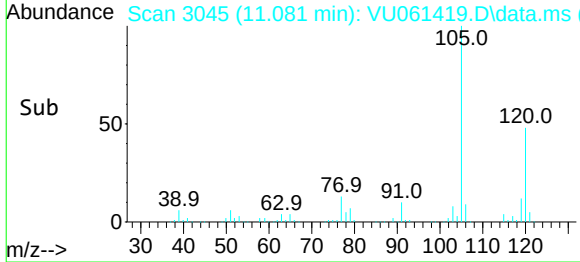
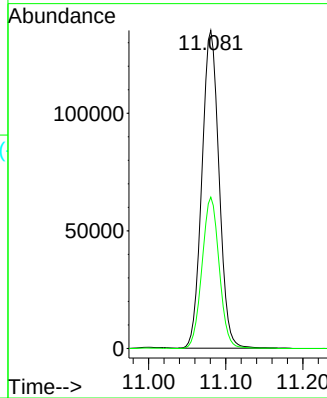
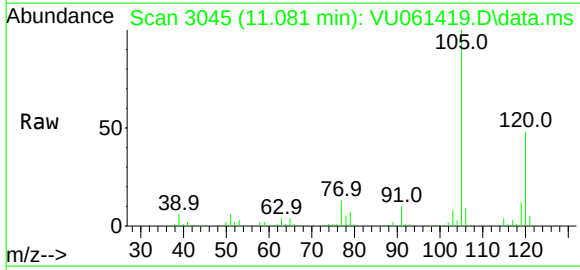




#62
1,3,5-Trimethylbenzene
Concen: 4.544 ug/L
RT: 11.081 min Scan# 3045
Delta R.T. -0.000 min
Lab File: VU061419.D
Acq: 04 Nov 2024 19:50

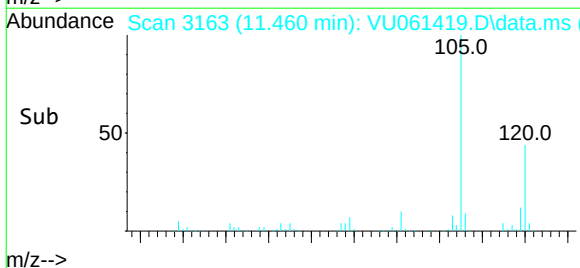
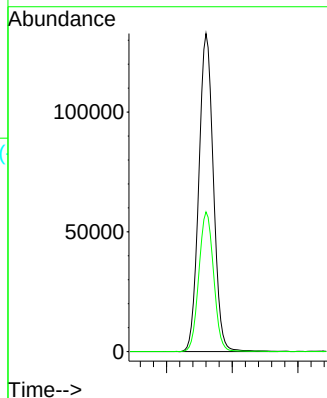
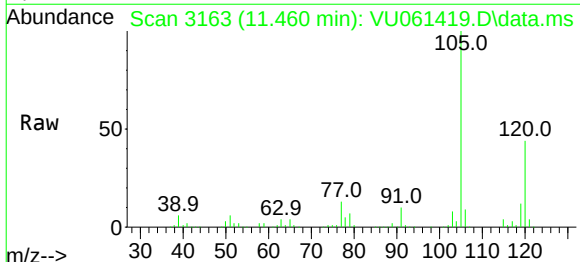
Instrument :
MSVOA_U
ClientSampleId :
C0CF5MS

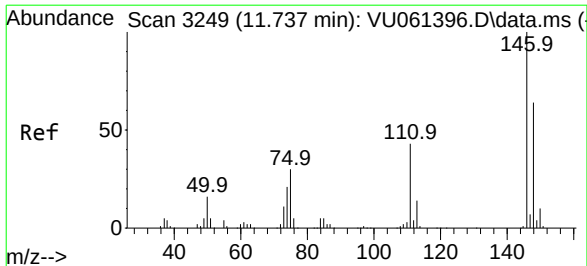
Tgt Ion:105 Resp: 208653
Ion Ratio Lower Upper
105 100
120 47.8 38.7 58.1



#63
1,2,4-Trimethylbenzene
Concen: 4.516 ug/L
RT: 11.460 min Scan# 3163
Delta R.T. -0.000 min
Lab File: VU061419.D
Acq: 04 Nov 2024 19:50

Tgt Ion:105 Resp: 204980
Ion Ratio Lower Upper
105 100
120 44.5 35.4 53.0





#64

1,3-Dichlorobenzene

Concen: 4.909 ug/L

RT: 11.737 min Scan# 3249

Delta R.T. -0.003 min

Lab File: VU061419.D

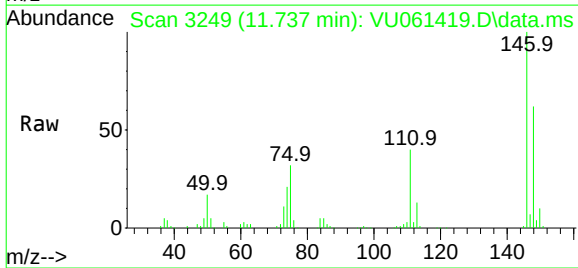
Acq: 04 Nov 2024 19:50

Instrument :

MSVOA_U

ClientSampleId :

C0CF5MS



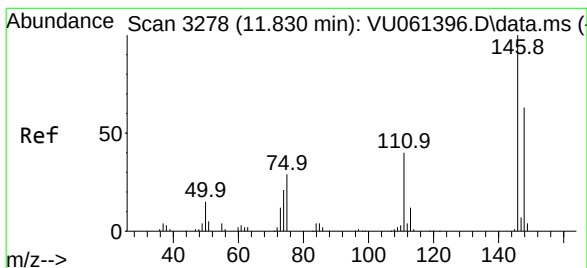
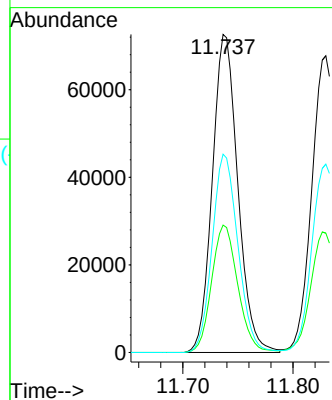
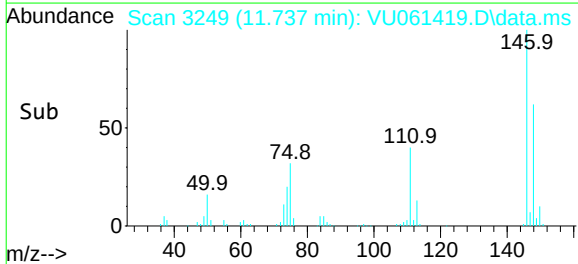
Tgt Ion:146 Resp: 116536

Ion Ratio Lower Upper

146 100

111 40.1 30.0 55.8

148 62.3 45.1 83.7



#65

1,4-Dichlorobenzene

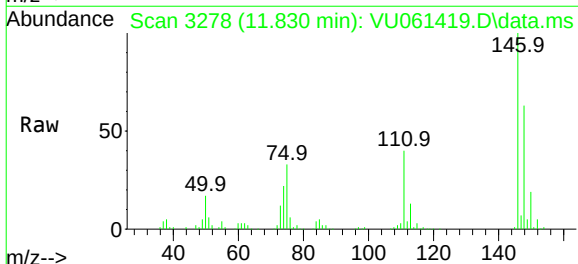
Concen: 4.695 ug/L

RT: 11.830 min Scan# 3278

Delta R.T. -0.000 min

Lab File: VU061419.D

Acq: 04 Nov 2024 19:50



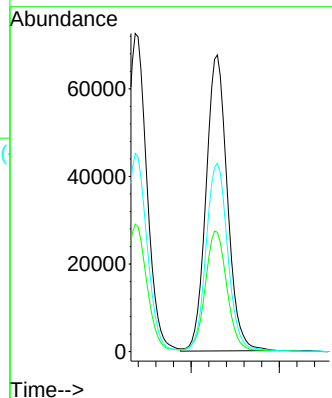
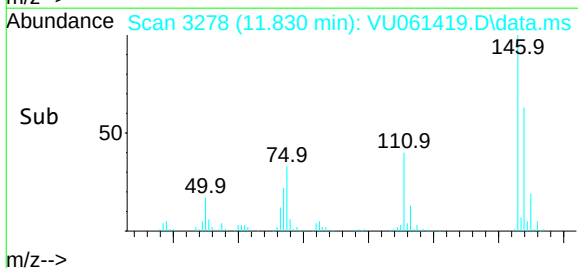
Tgt Ion:146 Resp: 113614

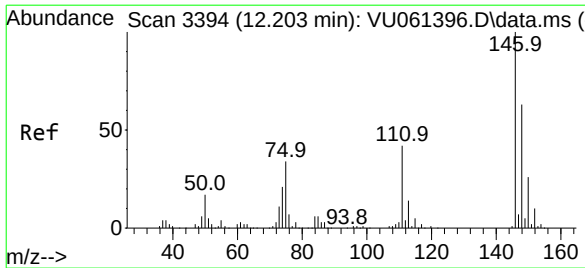
Ion Ratio Lower Upper

146 100

111 40.2 28.2 52.4

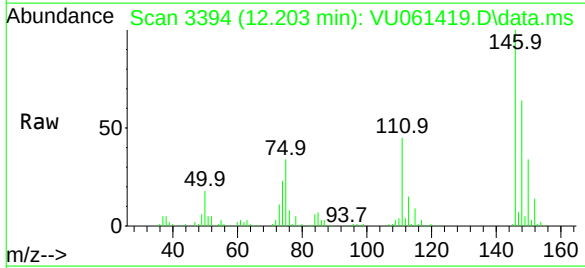
148 63.5 43.3 80.3



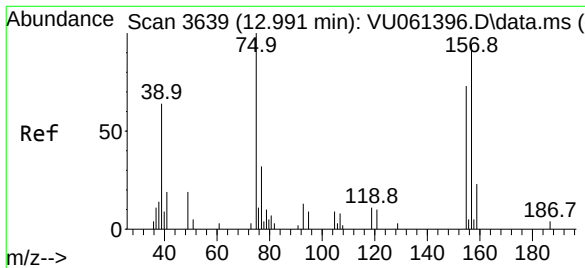
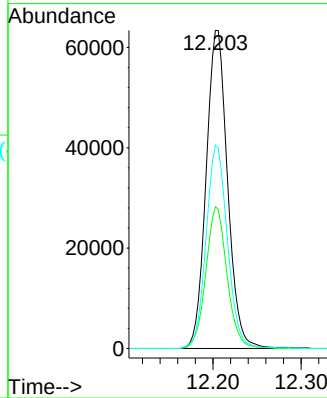
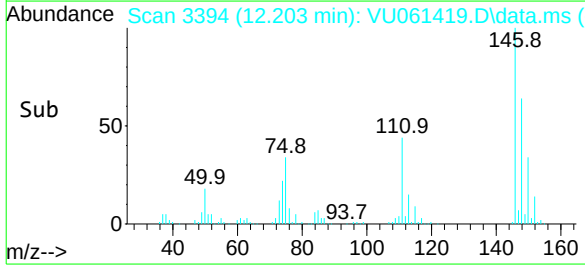


#67
1,2-Dichlorobenzene
Concen: 4.793 ug/L
RT: 12.203 min Scan# 3394
Delta R.T. -0.000 min
Lab File: VU061419.D
Acq: 04 Nov 2024 19:50

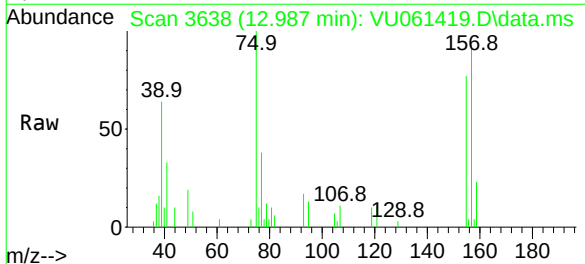
Instrument :
MSVOA_U
ClientSampleId :
C0CF5MS



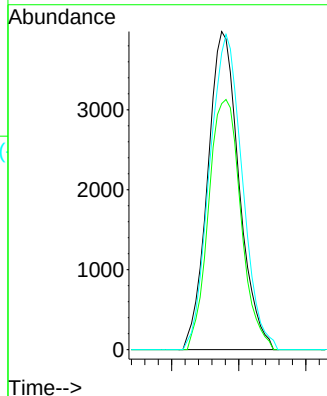
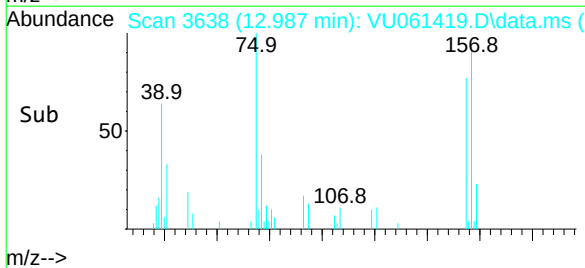
Tgt Ion:146 Resp: 107079
Ion Ratio Lower Upper
146 100
111 44.6 35.2 52.8
148 63.9 51.3 76.9

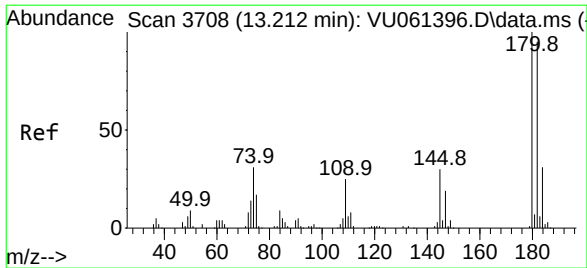


#68
1,2-Dibromo-3-chloropropane
Concen: 4.192 ug/L
RT: 12.987 min Scan# 3638
Delta R.T. -0.003 min
Lab File: VU061419.D
Acq: 04 Nov 2024 19:50



Tgt Ion: 75 Resp: 6474
Ion Ratio Lower Upper
75 100
155 77.3 69.3 103.9
157 93.3 81.4 122.2





#69

1,3,5-Trichlorobenzene

Concen: 4.854 ug/L

RT: 13.212 min Scan# 3708

Delta R.T. -0.000 min

Lab File: VU061419.D

Acq: 04 Nov 2024 19:50

Instrument :

MSVOA_U

ClientSampleId :

C0CF5MS

Tgt Ion:180 Resp: 78993

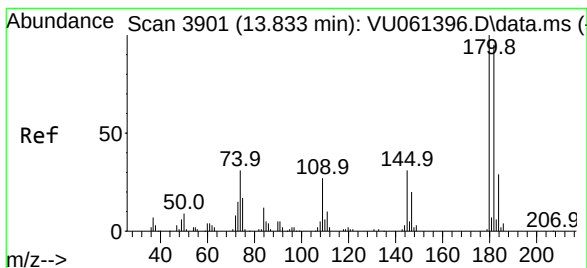
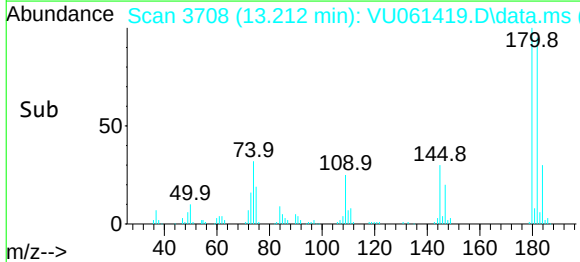
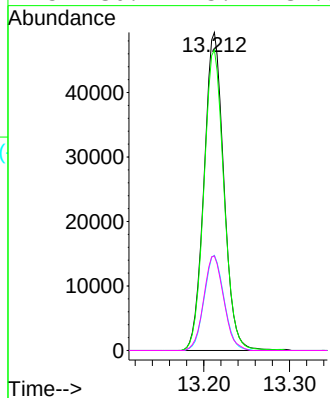
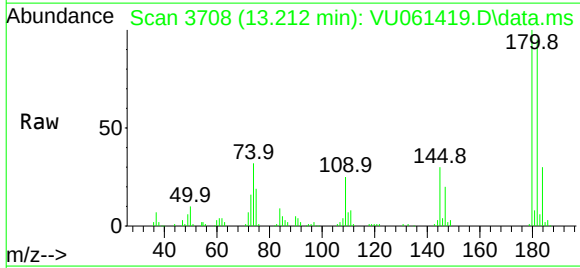
Ion Ratio Lower Upper

180 100

182 95.9 77.4 116.2

184 30.0 24.4 36.6

145 30.1 25.2 37.8



#70

1,2,4-trichlorobenzene

Concen: 4.608 ug/L

RT: 13.833 min Scan# 3901

Delta R.T. -0.000 min

Lab File: VU061419.D

Acq: 04 Nov 2024 19:50

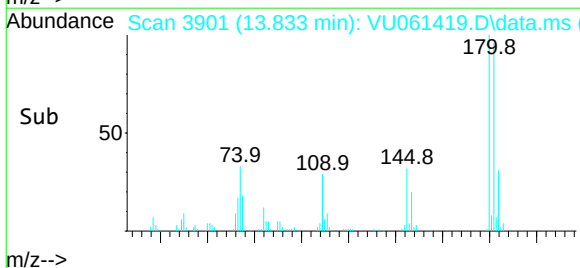
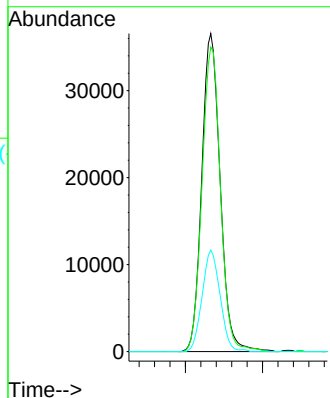
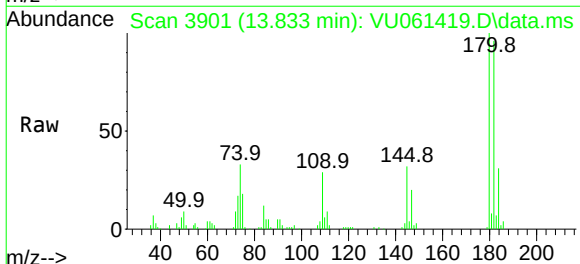
Tgt Ion:180 Resp: 60517

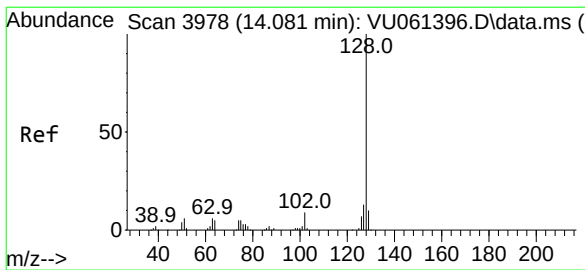
Ion Ratio Lower Upper

180 100

182 96.0 77.2 115.8

145 31.2 25.6 38.4





#71

Naphthalene

Concen: 4.328 ug/L

RT: 14.081 min Scan# 39

Delta R.T. -0.000 min

Lab File: VU061419.D

Acq: 04 Nov 2024 19:50

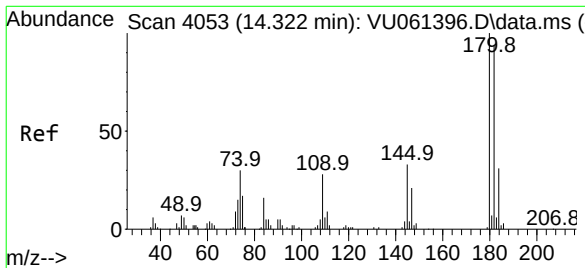
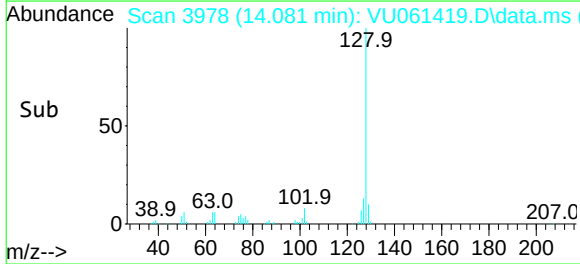
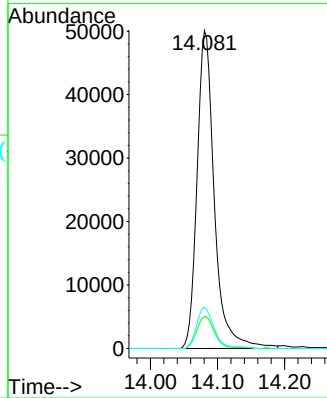
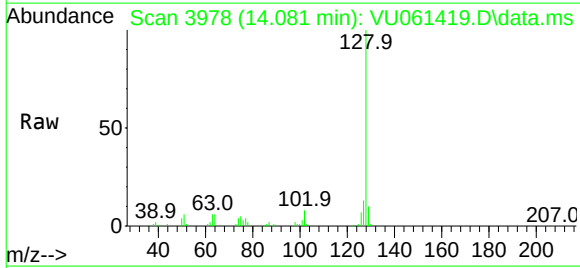
Instrument :

MSVOA_U

ClientSampleId :

C0CF5MS

Tgt Ion:	128	Resp:	89683
Ion	Ratio	Lower	Upper
128	100		
129	10.2	9.0	13.4
127	13.2	10.0	15.0



#72

1,2,3-Trichlorobenzene

Concen: 4.810 ug/L

RT: 14.322 min Scan# 4053

Delta R.T. -0.000 min

Lab File: VU061419.D

Acq: 04 Nov 2024 19:50

Tgt Ion:	180	Resp:	52844
Ion	Ratio	Lower	Upper
180	100		
182	96.9	76.0	114.0
145	31.3	26.5	39.7

