

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU103124\
 Data File : VU061344.D
 Acq On : 01 Nov 2024 05:32
 Operator : MD/SY
 Sample : P4631-11MS
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 45 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 GCP06MS

Quant Time: Nov 01 06:03:03 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	172668	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.409	117	158303	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	75293	5.000	ug/L	0.00

System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	42326	3.609	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	72.200%
7) Chloroethane-d5	1.908	69	47987	4.463	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	89.200%
11) 1,1-Dichloroethene-d2	2.560	65	20066	3.999	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	80.000%
20) 2-Butanone-d5	4.625	46	120152	50.454	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	100.900%
24) Chloroform-d	5.052	84	106626	4.789	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.800%
26) 1,2-Dichloroethane-d4	5.692	65	53834	4.851	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.000%
32) Benzene-d6	5.718	84	212990	4.775	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.600%
36) 1,2-Dichloropropane-d6	6.682	67	63859	4.762	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	95.200%
41) Toluene-d8	7.891	98	200155	4.799	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.000%
43) trans-1,3-Dichloroprop...	8.174	79	23759	4.340	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	86.800%
46) 2-Hexanone-d5	8.628	63	109493	48.836	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	97.680%
56) 1,1,2,2-Tetrachloroeth...	10.746	84	51733	5.101	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	102.000%
66) 1,2-Dichlorobenzene-d4	12.184	152	66381	4.979	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	99.600%

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	1.384	85	60678	5.271	ug/L	99
3) Chloromethane	1.515	50	56844	4.683	ug/L	100
5) Vinyl chloride	1.599	62	66358	4.972	ug/L	98
6) Bromomethane	1.853	94	48454	5.479	ug/L	95
8) Chloroethane	1.930	64	52219	5.314	ug/L	99
9) Trichlorofluoromethane	2.133	101	97052	5.354	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.573	101	56401	5.240	ug/L	97
12) 1,1-Dichloroethene	2.573	96	52703	5.163	ug/L	96
13) Acetone	2.637	43	81032	53.723	ug/L	96
14) Carbon disulfide	2.789	76	155217	4.557	ug/L	100
15) Methyl Acetate	2.953	43	20325	5.442	ug/L	97
16) Methylene chloride	3.039	84	62051	5.158	ug/L	97
17) Methyl tert-butyl Ether	3.354	73	149691	5.410	ug/L	100
18) trans-1,2-Dichloroethene	3.348	96	59581	5.278	ug/L	97
19) 1,1-Dichloroethane	3.859	63	113532	5.333	ug/L	99
21) 2-Butanone	4.702	43	132150	55.266	ug/L	96
22) cis-1,2-Dichloroethene	4.657	96	71870	5.574	ug/L	98
23) Bromochloromethane	4.965	128	30066	5.542	ug/L	98
25) Chloroform	5.078	83	121653	5.435	ug/L	100

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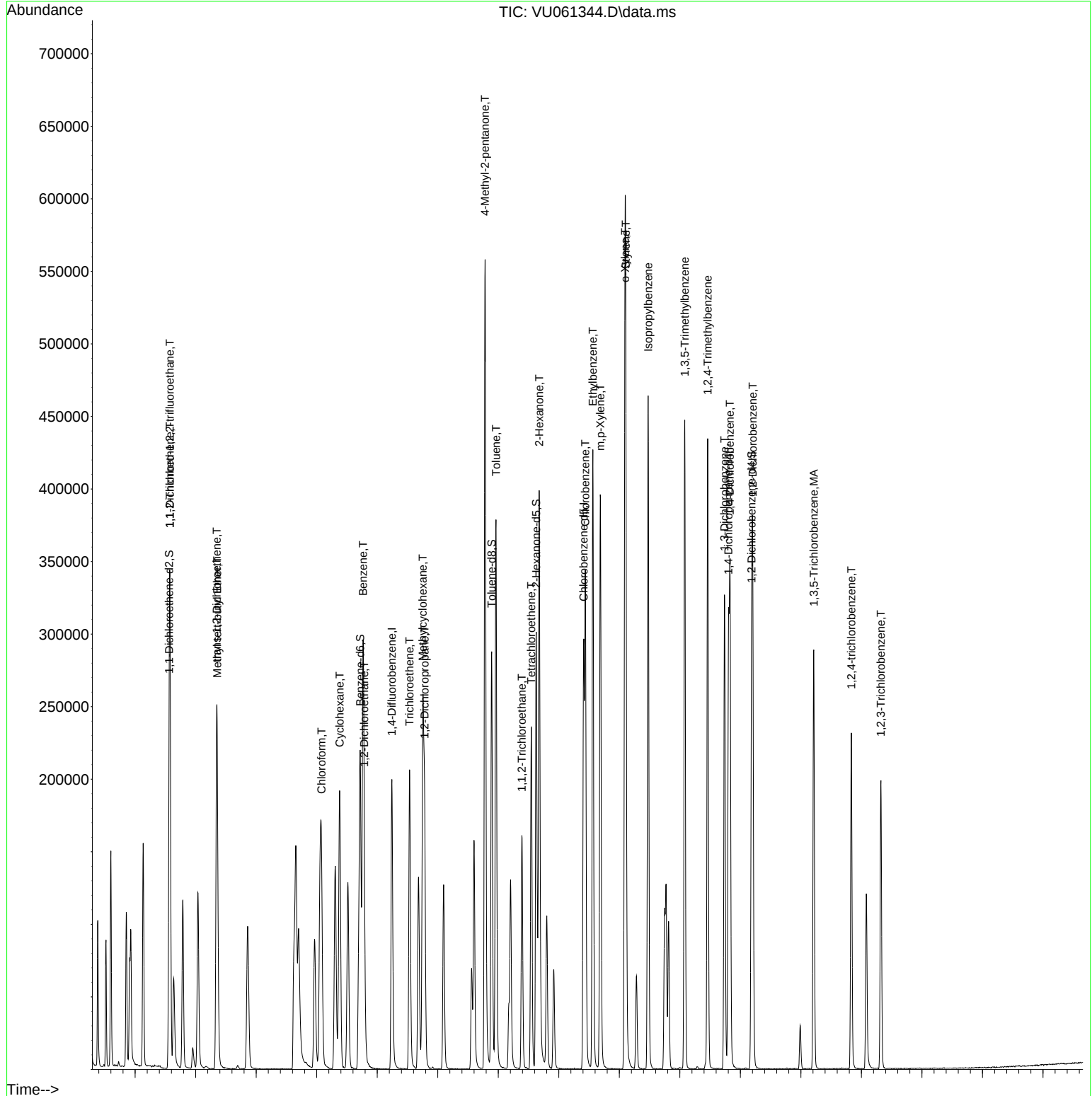
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.785	62	77283	5.463	ug/L	100
29) 1,1,1-Trichloroethane	5.306	97	102152	5.270	ug/L	98
30) Cyclohexane	5.380	56	98326	5.057	ug/L	100
31) Carbon tetrachloride	5.515	117	87591	5.281	ug/L	99
33) Benzene	5.766	78	262968	5.371	ug/L	100
34) Trichloroethene	6.534	95	71801	5.391	ug/L	98
35) Methylcyclohexane	6.753	83	105546	4.979	ug/L	99
37) 1,2-Dichloropropane	6.782	63	69600	5.609	ug/L	99
38) Bromodichloromethane	7.097	83	84427	5.376	ug/L	99
39) cis-1,3-Dichloropropene	7.599	75	96198	5.019	ug/L	100
40) 4-Methyl-2-pentanone	7.782	43	345044	55.867	ug/L	100
42) Toluene	7.962	91	287635	5.410	ug/L	100
44) trans-1,3-Dichloropropene	8.203	75	76782	4.917	ug/L	98
45) 1,1,2-Trichloroethane	8.390	97	49932	5.591	ug/L	99
47) Tetrachloroethene	8.544	164	50956	5.478	ug/L	97
48) 2-Hexanone	8.676	43	248796	56.966	ug/L	99
49) Dibromochloromethane	8.801	129	53114	5.244	ug/L	98
50) 1,2-Dibromoethane	8.917	107	47513	5.476	ug/L	95
51) Chlorobenzene	9.438	112	183563	5.462	ug/L	98
52) Ethylbenzene	9.563	91	310223	5.305	ug/L	100
53) m,p-Xylene	9.685	106	120050	5.388	ug/L	95
54) o-Xylene	10.094	106	117790	5.357	ug/L	99
55) Styrene	10.107	104	189613	5.379	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.772	83	61022	5.671	ug/L	98
59) Bromoform	10.283	173	28301	5.078	ug/L	99
60) Isopropylbenzene	10.476	105	307040	5.338	ug/L	99
61) 1,2,3-Trichloropropane	10.814	75	42723	5.696	ug/L	99
62) 1,3,5-Trimethylbenzene	11.081	105	241892	5.166	ug/L	99
63) 1,2,4-Trimethylbenzene	11.460	105	239477	5.174	ug/L	99
64) 1,3-Dichlorobenzene	11.737	146	132850	5.488	ug/L	99
65) 1,4-Dichlorobenzene	11.827	146	131327	5.322	ug/L	98
67) 1,2-Dichlorobenzene	12.203	146	123121	5.404	ug/L	100
68) 1,2-Dibromo-3-chloropr...	12.988	75	7620	4.839	ug/L	92
69) 1,3,5-Trichlorobenzene	13.213	180	88362	5.325	ug/L	100
70) 1,2,4-trichlorobenzene	13.833	180	69754	5.209	ug/L	99
71) Naphthalene	14.081	128	105300	4.983	ug/L	98
72) 1,2,3-Trichlorobenzene	14.322	180	59958	5.352	ug/L	99

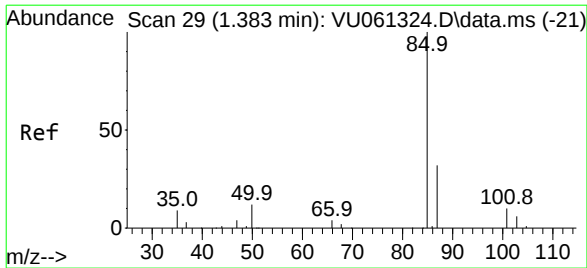
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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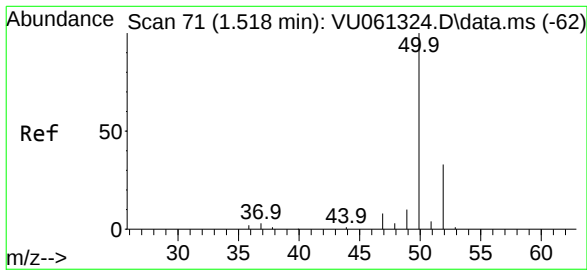
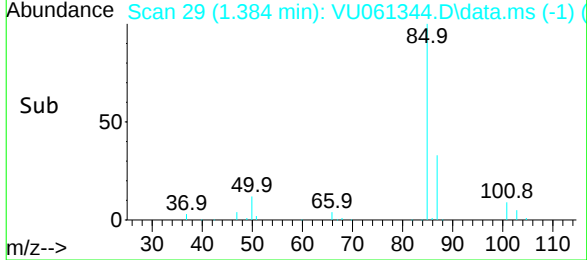
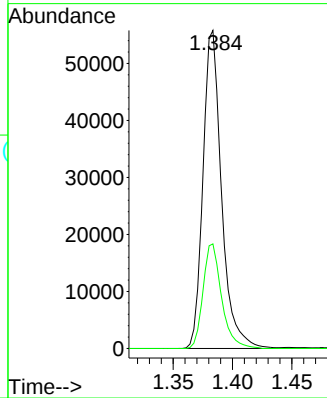
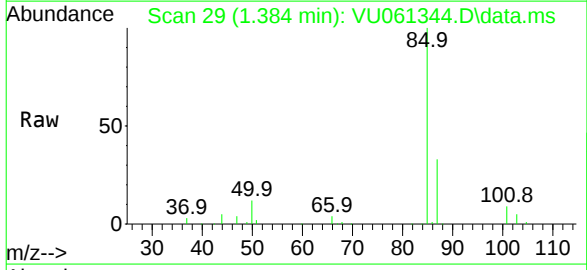




#2
Dichlorodifluoromethane
Concen: 5.271 ug/L
RT: 1.384 min Scan# 29
Delta R.T. 0.000 min
Lab File: VU061344.D
Acq: 01 Nov 2024 05:32

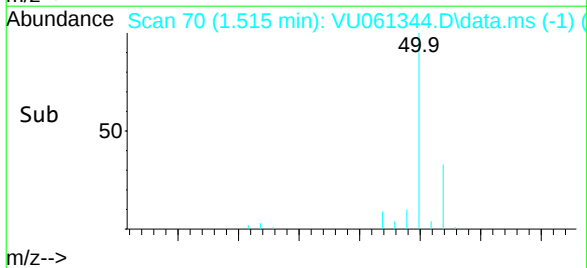
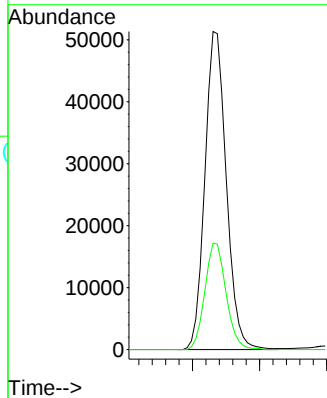
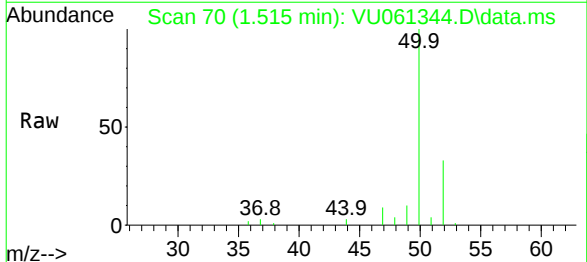
Instrument :
MSVOA_U
ClientSampleId :
GCP06MS

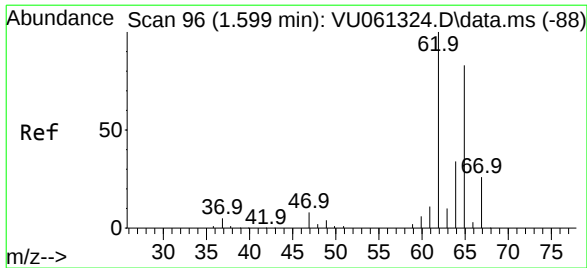
Tgt Ion: 85 Resp: 60678
Ion Ratio Lower Upper
85 100
87 32.9 25.7 38.5



#3
Chloromethane
Concen: 4.683 ug/L
RT: 1.515 min Scan# 70
Delta R.T. -0.003 min
Lab File: VU061344.D
Acq: 01 Nov 2024 05:32

Tgt Ion: 50 Resp: 56844
Ion Ratio Lower Upper
50 100
52 33.5 23.4 43.4

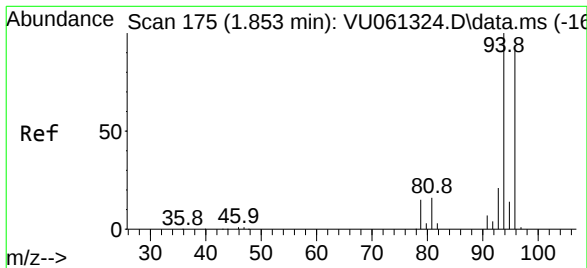
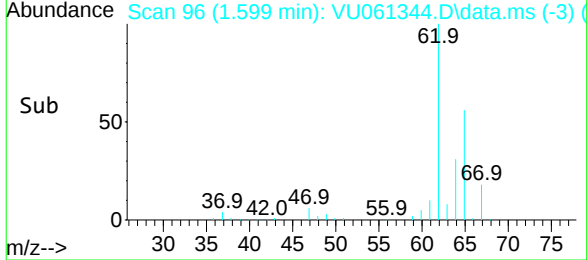
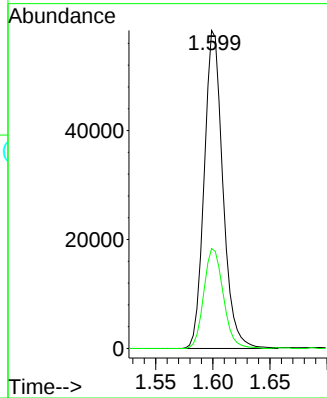
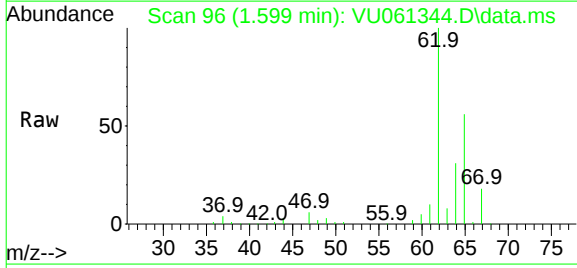




#5
 Vinyl chloride
 Concen: 4.972 ug/L
 RT: 1.599 min Scan# 96
 Delta R.T. 0.000 min
 Lab File: VU061344.D
 Acq: 01 Nov 2024 05:32

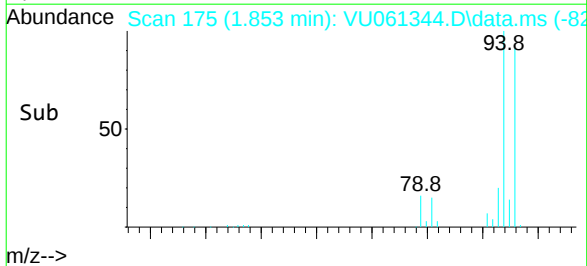
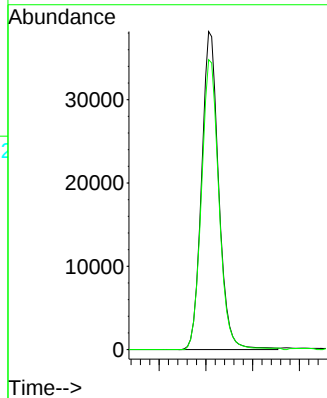
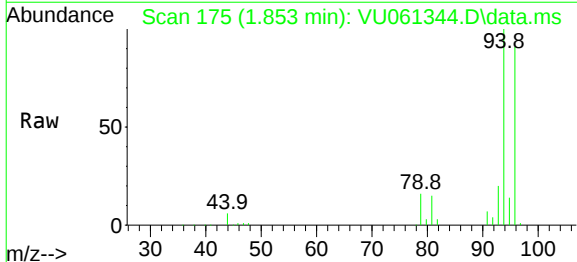
Instrument :
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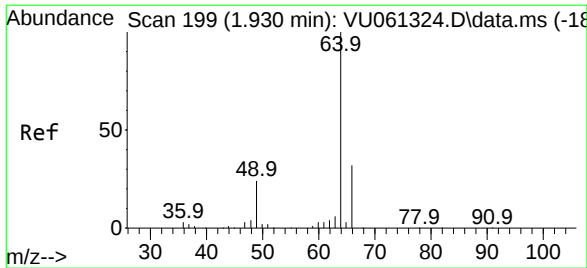
Tgt Ion: 62 Resp: 66358
 Ion Ratio Lower Upper
 62 100
 64 31.4 22.6 42.0



#6
 Bromomethane
 Concen: 5.479 ug/L
 RT: 1.853 min Scan# 175
 Delta R.T. 0.000 min
 Lab File: VU061344.D
 Acq: 01 Nov 2024 05:32

Tgt Ion: 94 Resp: 48454
 Ion Ratio Lower Upper
 94 100
 96 91.1 66.9 124.3

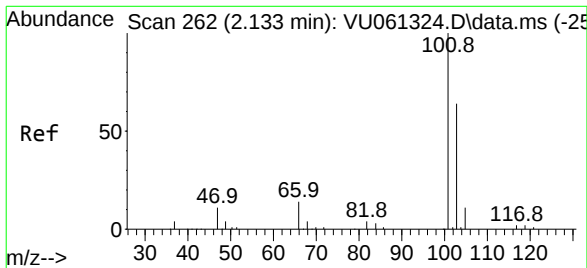
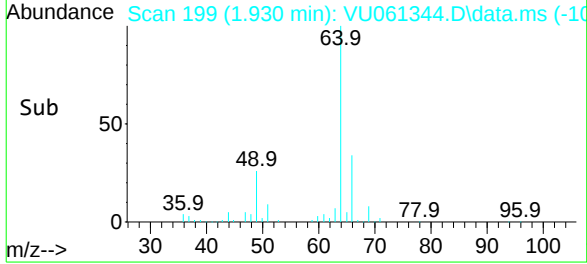
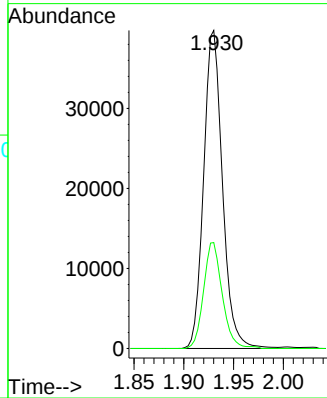
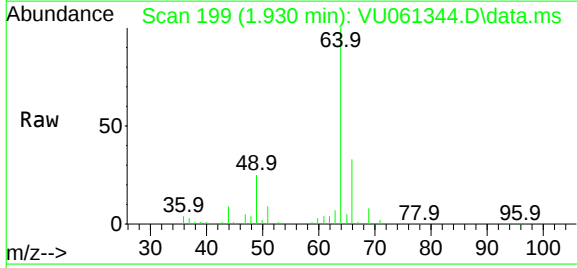




#8
Chloroethane
Concen: 5.314 ug/L
RT: 1.930 min Scan# 199
Delta R.T. 0.000 min
Lab File: VU061344.D
Acq: 01 Nov 2024 05:32

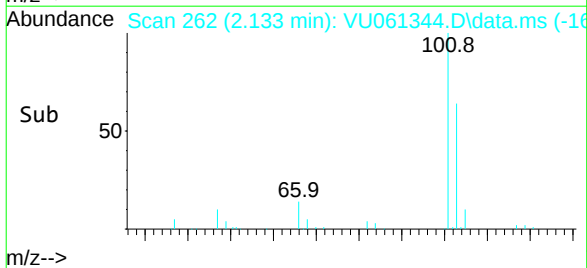
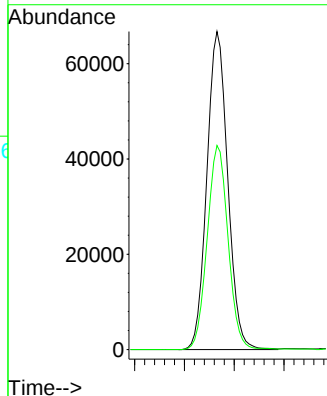
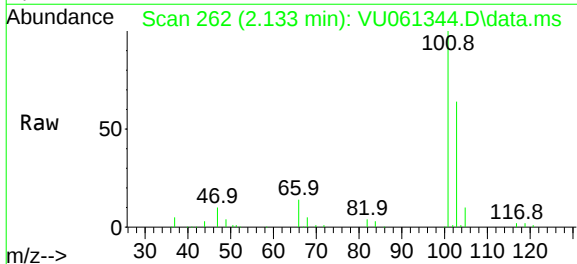
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ClientSampleId :
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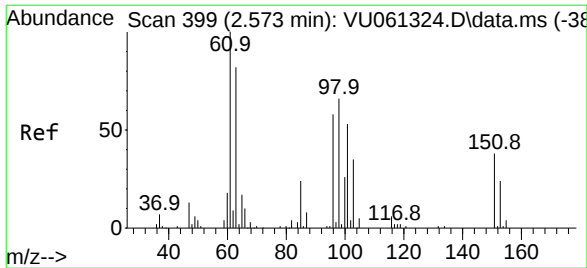
Tgt Ion: 64 Resp: 52219
Ion Ratio Lower Upper
64 100
66 33.3 23.1 42.9



#9
Trichlorofluoromethane
Concen: 5.354 ug/L
RT: 2.133 min Scan# 262
Delta R.T. 0.000 min
Lab File: VU061344.D
Acq: 01 Nov 2024 05:32

Tgt Ion:101 Resp: 97052
Ion Ratio Lower Upper
101 100
103 64.3 50.6 75.8

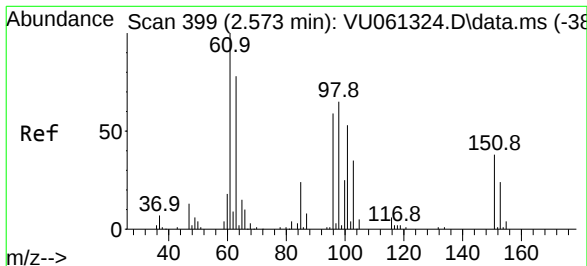
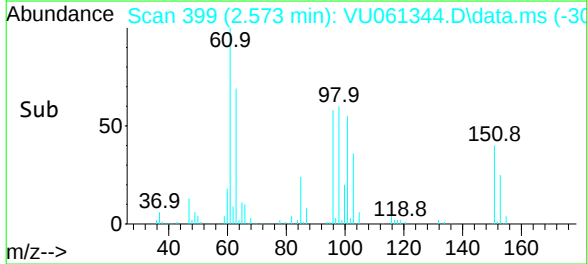
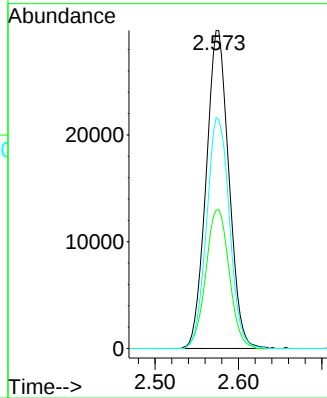
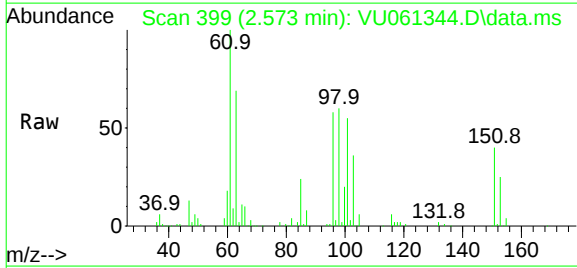




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 5.240 ug/L
RT: 2.573 min Scan# 399
Delta R.T. 0.000 min
Lab File: VU061344.D
Acq: 01 Nov 2024 05:32

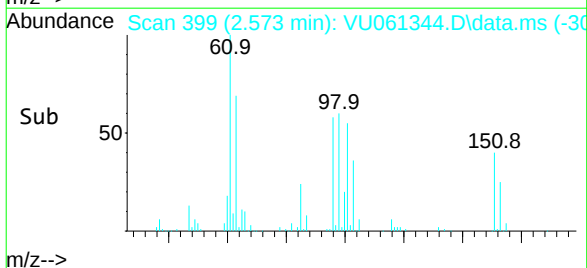
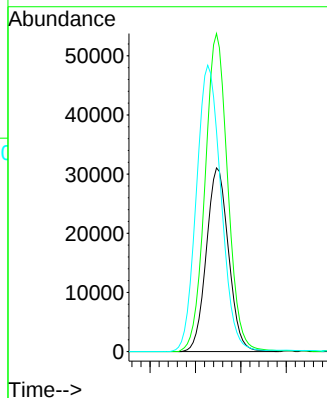
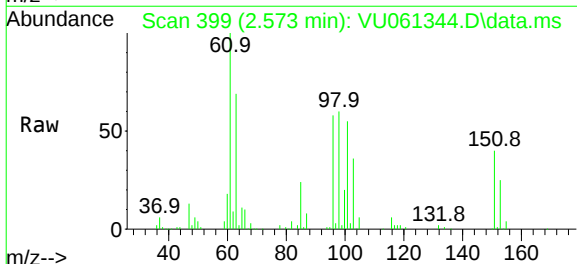
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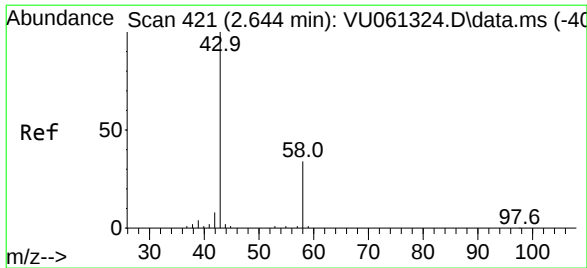
Tgt Ion: 101 Resp: 56401
Ion Ratio Lower Upper
101 100
85 44.9 35.6 53.4
151 73.1 55.9 83.9



#12
1,1-Dichloroethene
Concen: 5.163 ug/L
RT: 2.573 min Scan# 399
Delta R.T. 0.000 min
Lab File: VU061344.D
Acq: 01 Nov 2024 05:32

Tgt Ion: 96 Resp: 52703
Ion Ratio Lower Upper
96 100
61 173.2 119.1 221.1
63 120.0 89.4 166.0





#13

Acetone

Concen: 53.723 ug/L

RT: 2.637 min Scan# 41

Delta R.T. -0.006 min

Lab File: VU061344.D

Acq: 01 Nov 2024 05:32

Instrument :

MSVOA_U

ClientSampleId :

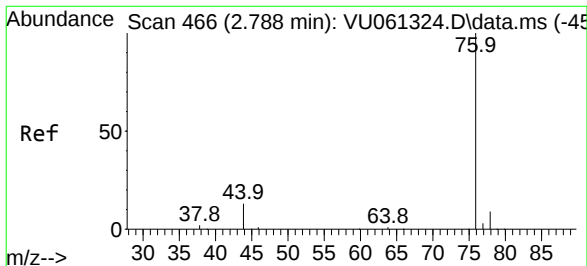
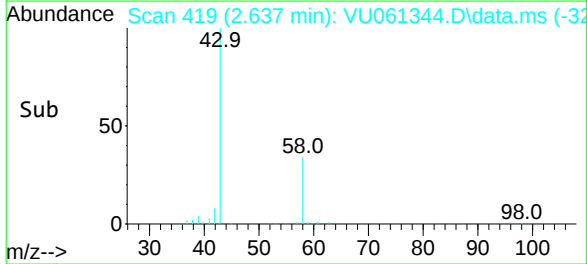
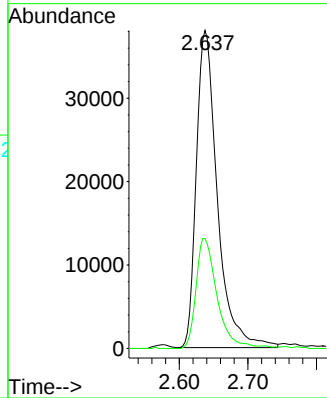
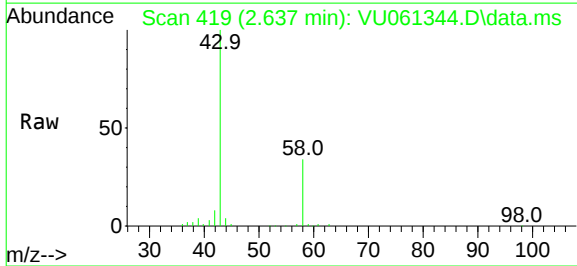
GCP06MS

Tgt Ion: 43 Resp: 81032

Ion Ratio Lower Upper

43 100

58 34.5 0.0 73.2



#14

Carbon disulfide

Concen: 4.557 ug/L

RT: 2.789 min Scan# 466

Delta R.T. 0.000 min

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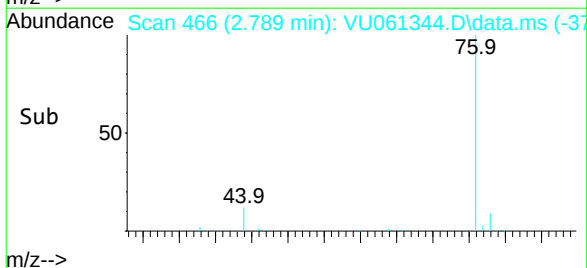
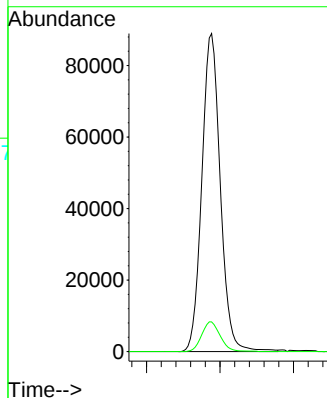
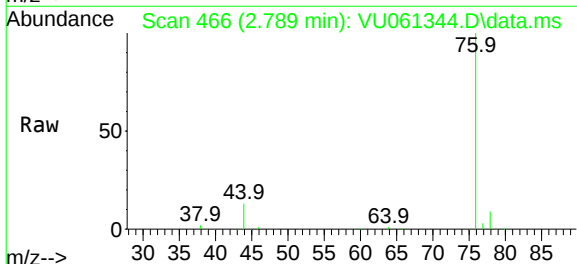
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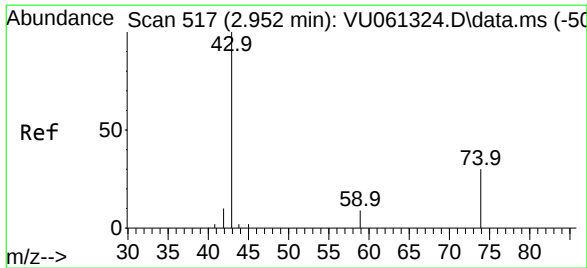
Tgt Ion: 76 Resp: 155217

Ion Ratio Lower Upper

76 100

78 9.3 7.4 11.2

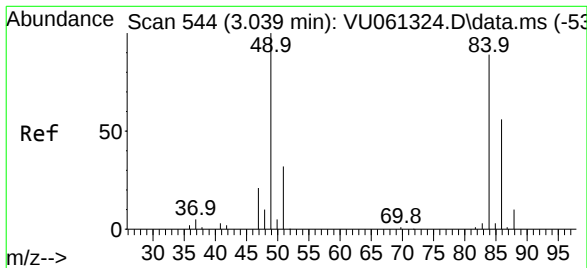
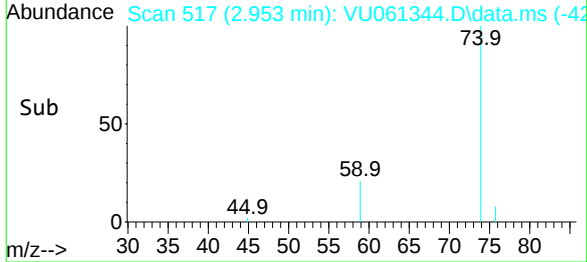
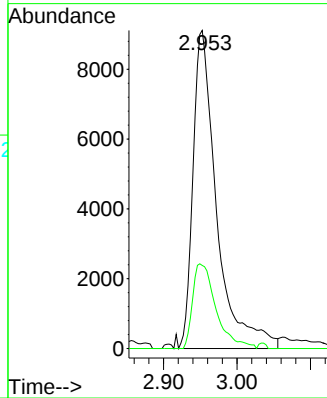
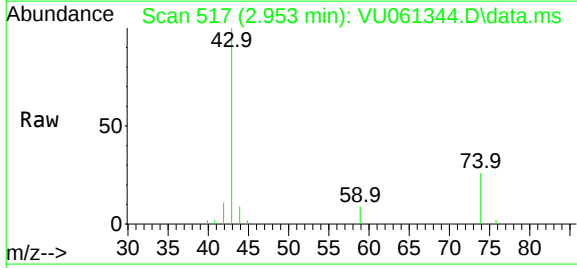




#15
Methyl Acetate
Concen: 5.442 ug/L
RT: 2.953 min Scan# 517
Delta R.T. 0.000 min
Lab File: VU061344.D
Acq: 01 Nov 2024 05:32

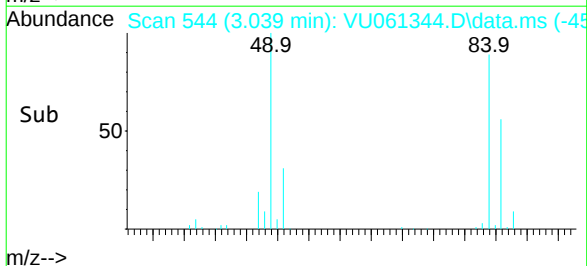
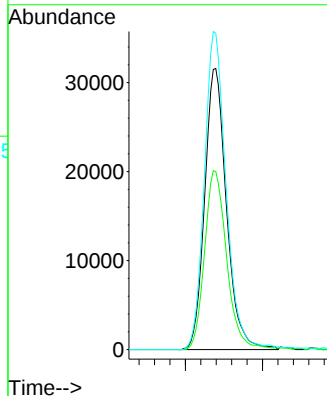
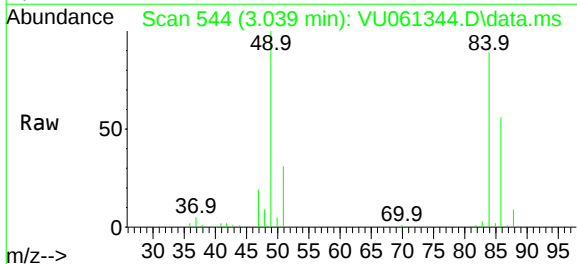
Instrument :
MSVOA_U
ClientSampleId :
GCP06MS

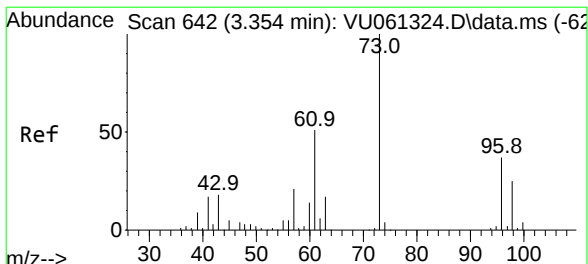
Tgt Ion: 43 Resp: 20325
Ion Ratio Lower Upper
43 100
74 26.4 22.2 33.4



#16
Methylene chloride
Concen: 5.158 ug/L
RT: 3.039 min Scan# 544
Delta R.T. 0.000 min
Lab File: VU061344.D
Acq: 01 Nov 2024 05:32

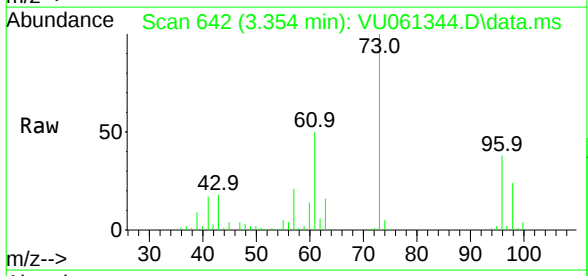
Tgt Ion: 84 Resp: 62051
Ion Ratio Lower Upper
84 100
86 63.3 43.5 80.7
49 112.5 75.7 140.7





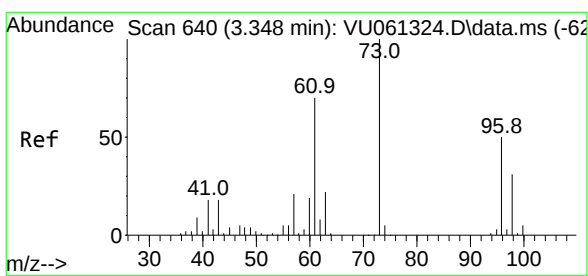
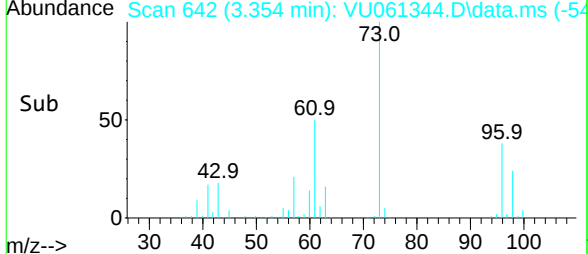
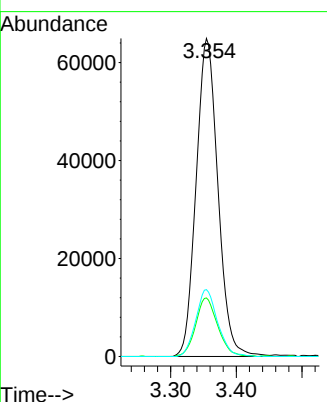
#17
Methyl tert-butyl Ether
Concen: 5.410 ug/L
RT: 3.354 min Scan# 642
Delta R.T. 0.000 min
Lab File: VU061344.D
Acq: 01 Nov 2024 05:32

Instrument :
MSVOA_U
ClientSampleId :
GCP06MS



Tgt Ion: 73 Resp: 149691

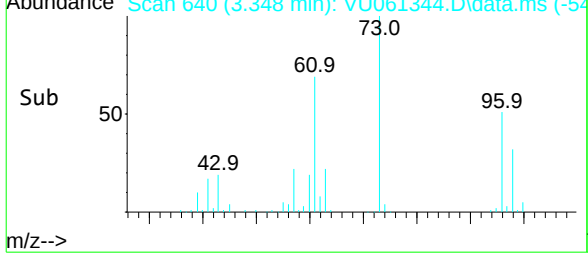
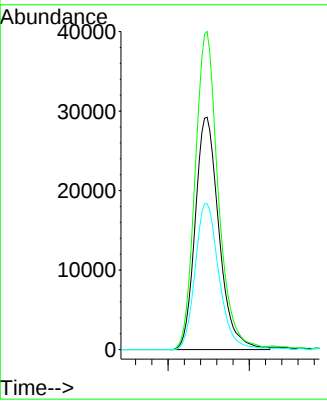
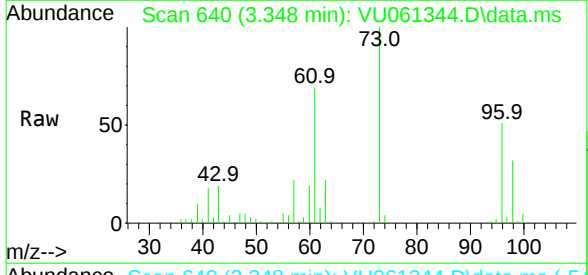
Ion	Ratio	Lower	Upper
73	100		
43	18.6	15.0	22.4
57	21.1	17.0	25.6

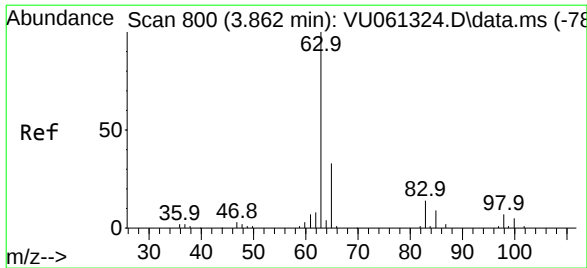


#18
trans-1,2-Dichloroethene
Concen: 5.278 ug/L
RT: 3.348 min Scan# 640
Delta R.T. 0.000 min
Lab File: VU061344.D
Acq: 01 Nov 2024 05:32

Tgt Ion: 96 Resp: 59581

Ion	Ratio	Lower	Upper
96	100		
61	136.9	97.9	181.7
98	62.8	46.2	85.8

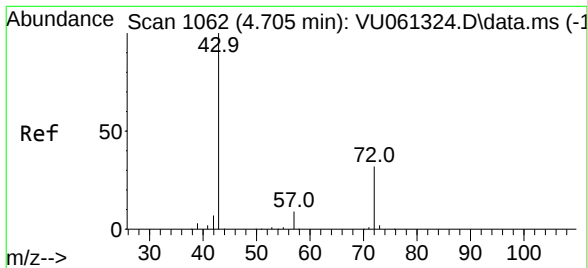
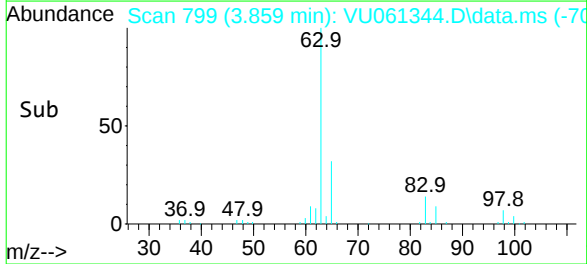
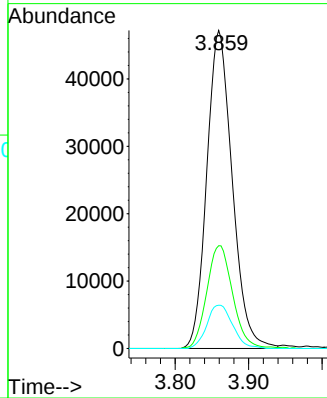
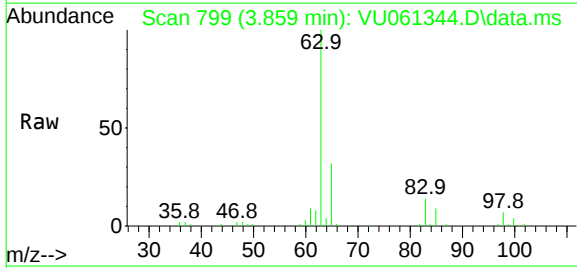




#19
1,1-Dichloroethane
Concen: 5.333 ug/L
RT: 3.859 min Scan# 799
Delta R.T. -0.003 min
Lab File: VU061344.D
Acq: 01 Nov 2024 05:32

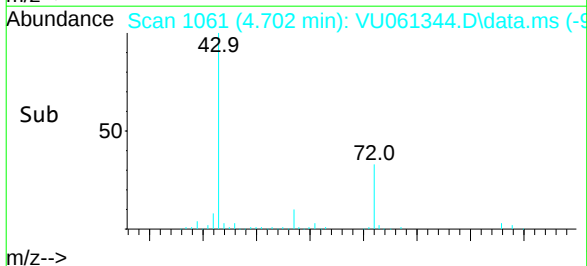
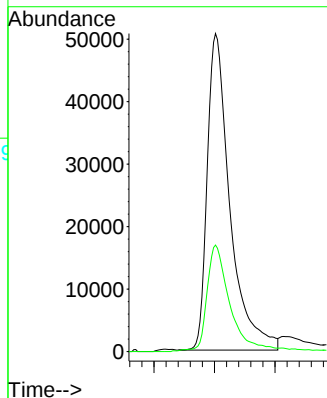
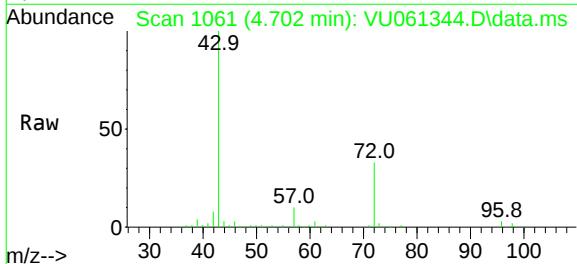
Instrument :
MSVOA_U
ClientSampleId :
GCP06MS

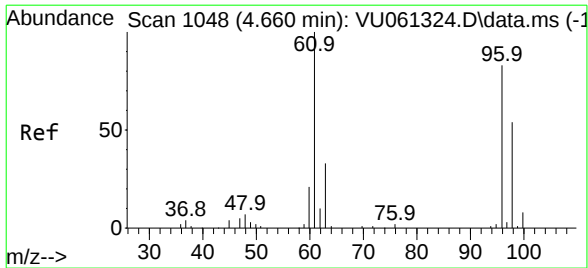
Tgt Ion:	63	Resp:	113532
Ion	Ratio	Lower	Upper
63	100		
65	32.3	23.0	42.6
83	13.6	9.7	17.9



#21
2-Butanone
Concen: 55.266 ug/L
RT: 4.702 min Scan# 1061
Delta R.T. -0.003 min
Lab File: VU061344.D
Acq: 01 Nov 2024 05:32

Tgt Ion:	43	Resp:	132150
Ion	Ratio	Lower	Upper
43	100		
72	33.8	15.9	47.6

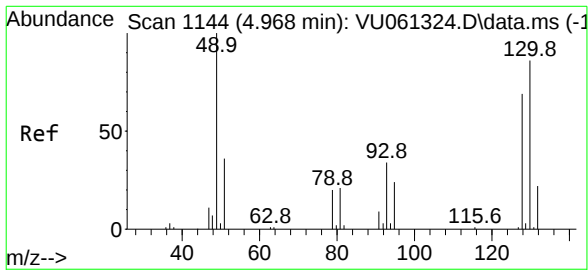
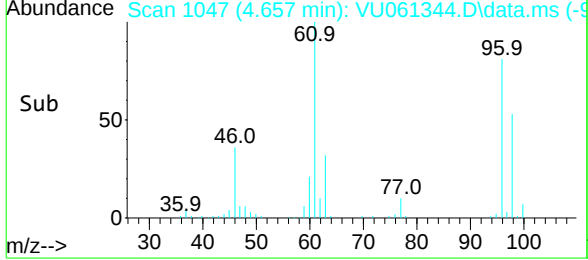
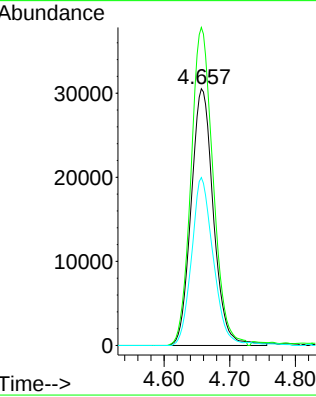
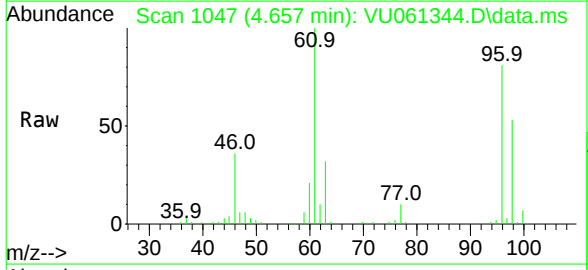




#22
 cis-1,2-Dichloroethene
 Concen: 5.574 ug/L
 RT: 4.657 min Scan# 1047
 Delta R.T. -0.003 min
 Lab File: VU061344.D
 Acq: 01 Nov 2024 05:32

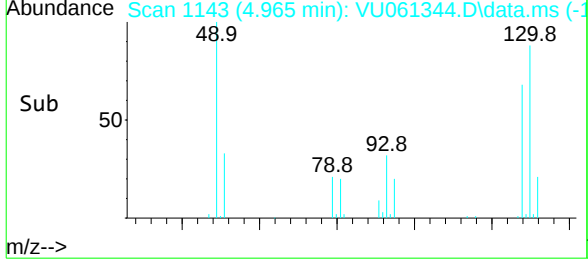
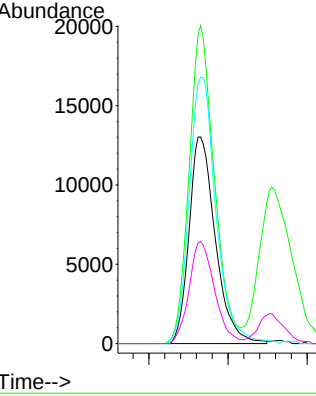
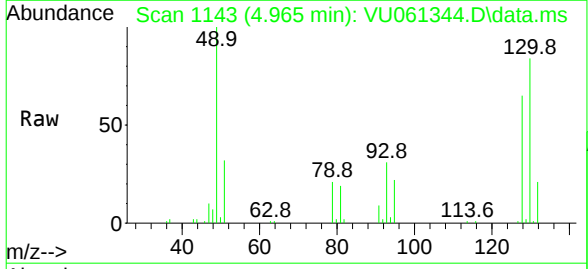
Instrument :
 MSVOA_U
 ClientSampleId :
 GCP06MS

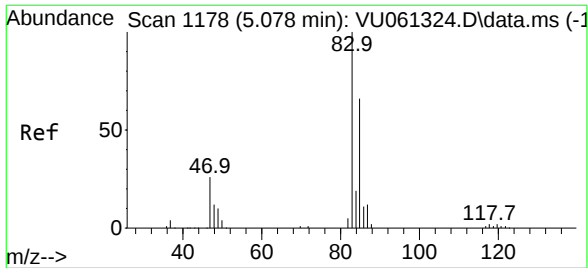
Tgt Ion:	96	Resp:	71870
Ion	Ratio	Lower	Upper
96	100		
61	123.9	88.1	163.5
98	65.4	45.0	83.6



#23
 Bromochloromethane
 Concen: 5.542 ug/L
 RT: 4.965 min Scan# 1143
 Delta R.T. -0.003 min
 Lab File: VU061344.D
 Acq: 01 Nov 2024 05:32

Tgt Ion:	128	Resp:	30066
Ion	Ratio	Lower	Upper
128	100		
49	153.9	105.1	195.1
130	128.8	89.6	166.4
51	49.5	38.7	58.1

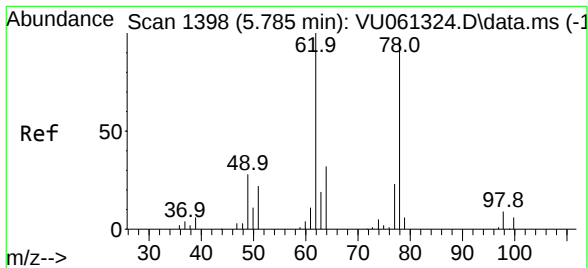
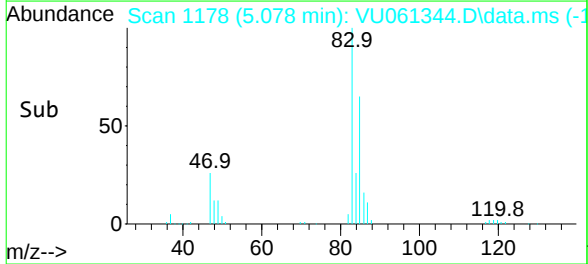
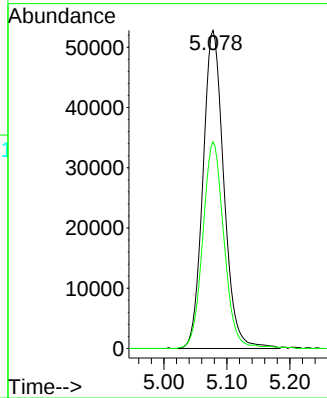
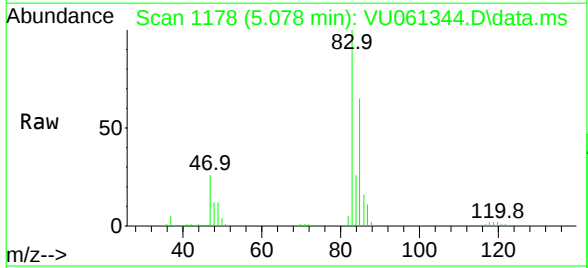




#25
Chloroform
Concen: 5.435 ug/L
RT: 5.078 min Scan# 1178
Delta R.T. 0.000 min
Lab File: VU061344.D
Acq: 01 Nov 2024 05:32

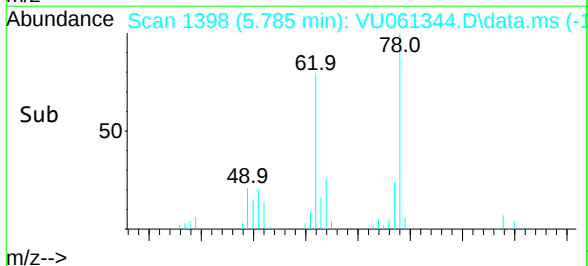
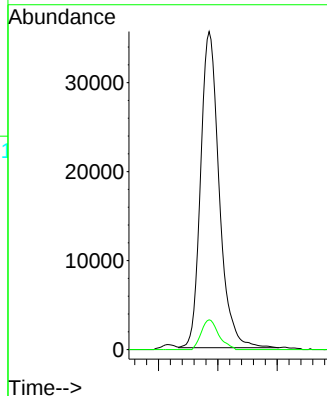
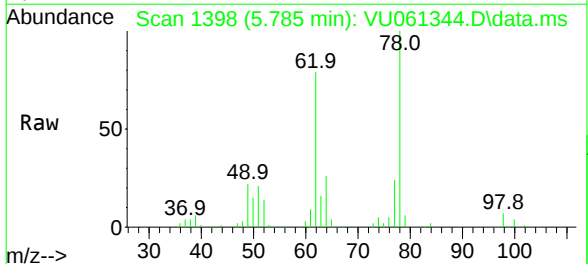
Instrument :
MSVOA_U
ClientSampleId :
GCP06MS

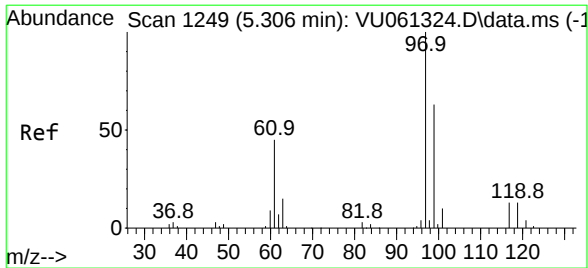
Tgt Ion: 83 Resp: 121653
Ion Ratio Lower Upper
83 100
85 65.0 45.6 84.6



#27
1,2-Dichloroethane
Concen: 5.463 ug/L
RT: 5.785 min Scan# 1398
Delta R.T. 0.000 min
Lab File: VU061344.D
Acq: 01 Nov 2024 05:32

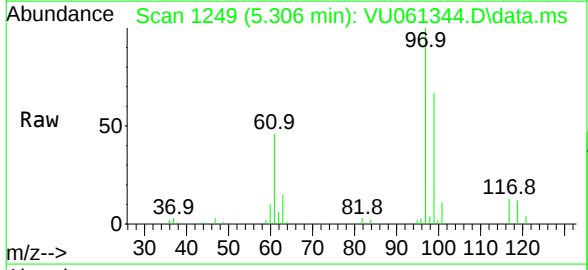
Tgt Ion: 62 Resp: 77283
Ion Ratio Lower Upper
62 100
98 9.4 7.4 11.0



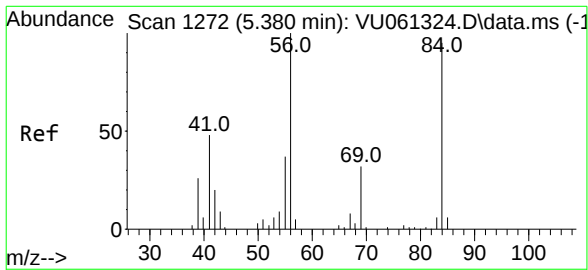
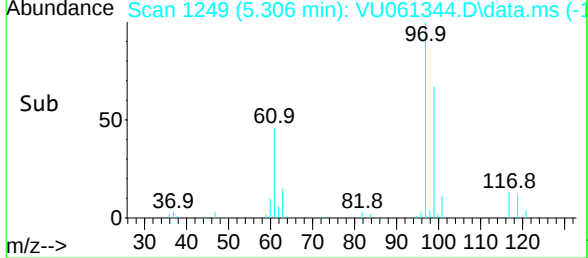
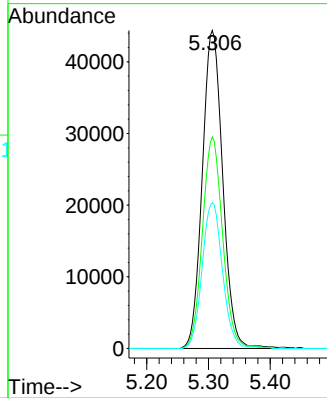


#29
 1,1,1-Trichloroethane
 Concen: 5.270 ug/L
 RT: 5.306 min Scan# 1272
 Delta R.T. 0.000 min
 Lab File: VU061344.D
 Acq: 01 Nov 2024 05:32

Instrument :
 MSVOA_U
 ClientSampleId :
 GCP06MS

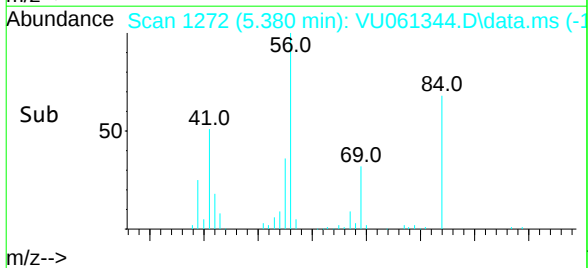
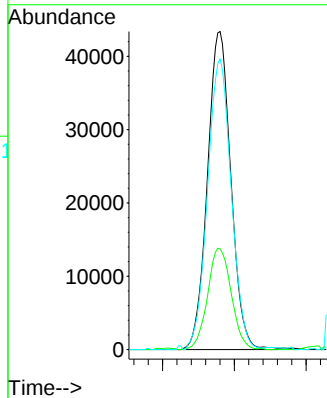
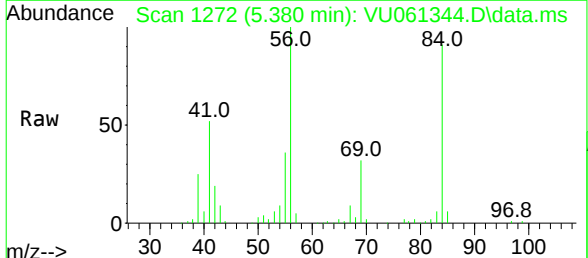


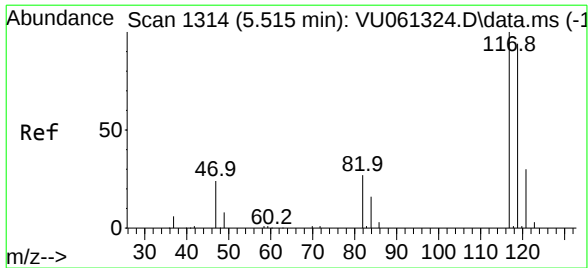
Tgt Ion:	97	Resp:	102152
Ion	Ratio	Lower	Upper
97	100		
99	65.8	50.8	76.2
61	45.4	36.1	54.1



#30
 Cyclohexane
 Concen: 5.057 ug/L
 RT: 5.380 min Scan# 1272
 Delta R.T. 0.000 min
 Lab File: VU061344.D
 Acq: 01 Nov 2024 05:32

Tgt Ion:	56	Resp:	98326
Ion	Ratio	Lower	Upper
56	100		
69	32.1	25.8	38.6
84	92.5	73.9	110.9

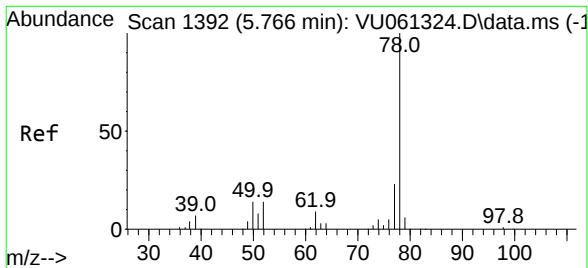
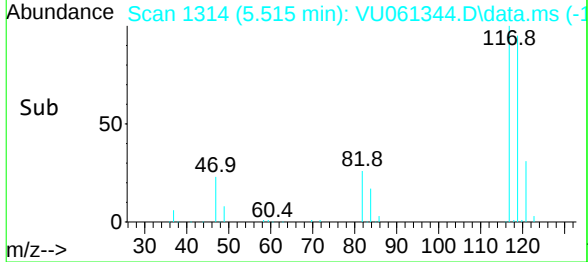
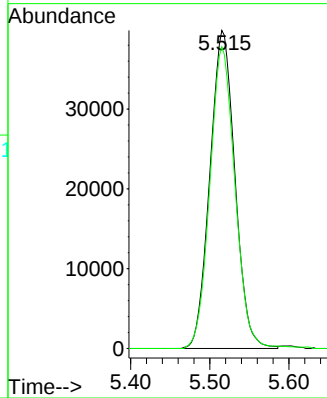
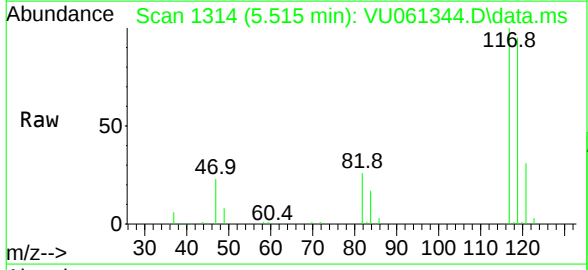




#31
Carbon tetrachloride
Concen: 5.281 ug/L
RT: 5.515 min Scan# 1314
Delta R.T. 0.000 min
Lab File: VU061344.D
Acq: 01 Nov 2024 05:32

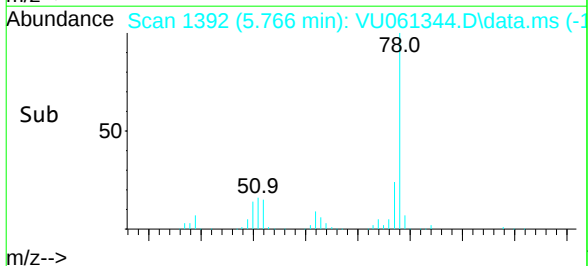
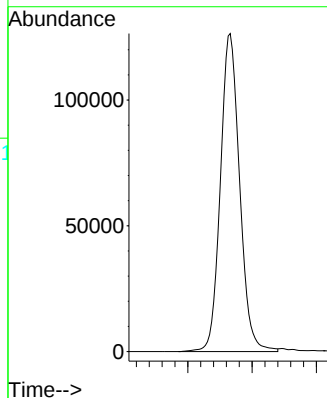
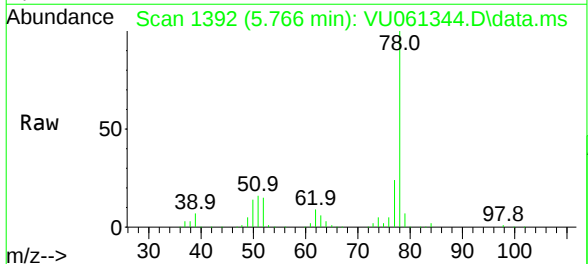
Instrument :
MSVOA_U
ClientSampleId :
GCP06MS

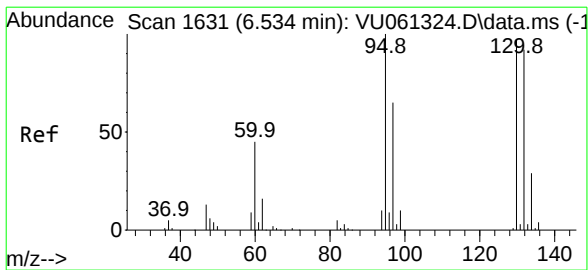
Tgt Ion:117 Resp: 87591
Ion Ratio Lower Upper
117 100
119 95.2 75.5 113.3



#33
Benzene
Concen: 5.371 ug/L
RT: 5.766 min Scan# 1392
Delta R.T. 0.000 min
Lab File: VU061344.D
Acq: 01 Nov 2024 05:32

Tgt Ion: 78 Resp: 262968





#34

Trichloroethene

Concen: 5.391 ug/L

RT: 6.534 min Scan# 16

Delta R.T. 0.000 min

Lab File: VU061344.D

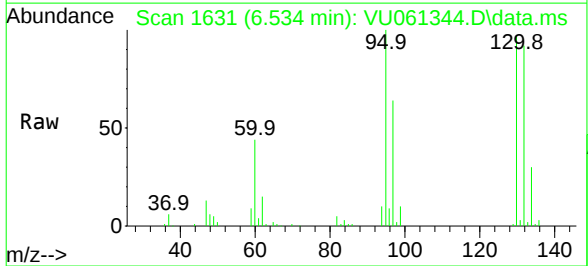
Acq: 01 Nov 2024 05:32

Instrument :

MSVOA_U

ClientSampleId :

GCP06MS



Tgt Ion: 95 Resp: 71801

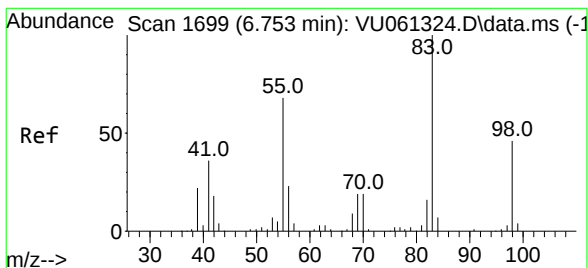
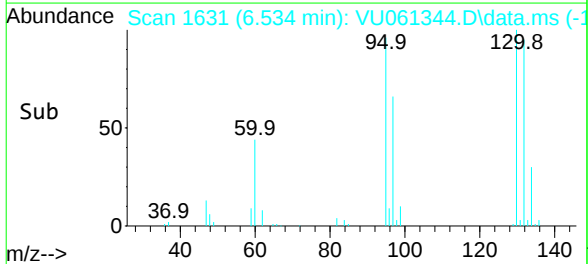
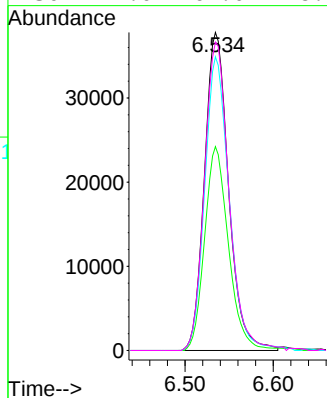
Ion Ratio Lower Upper

95 100

97 64.1 46.1 85.7

132 92.3 66.1 122.7

130 97.0 69.0 128.2



#35

Methylcyclohexane

Concen: 4.979 ug/L

RT: 6.753 min Scan# 1699

Delta R.T. 0.000 min

Lab File: VU061344.D

Acq: 01 Nov 2024 05:32

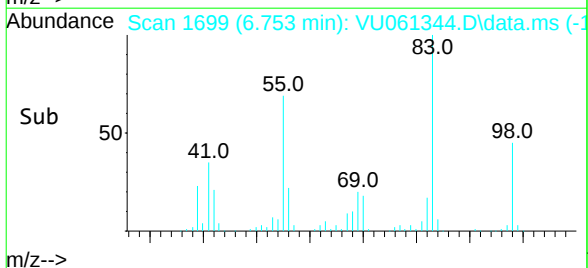
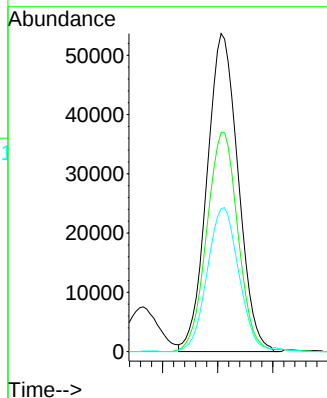
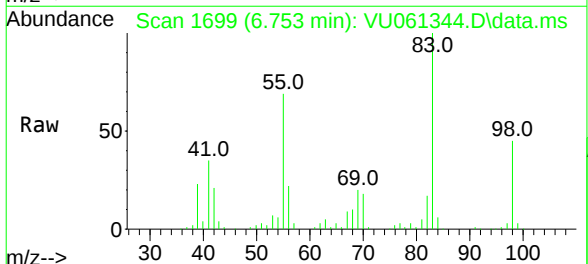
Tgt Ion: 83 Resp: 105546

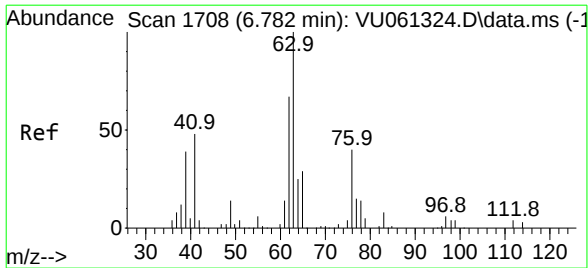
Ion Ratio Lower Upper

83 100

55 69.0 55.9 83.9

98 45.7 35.9 53.9

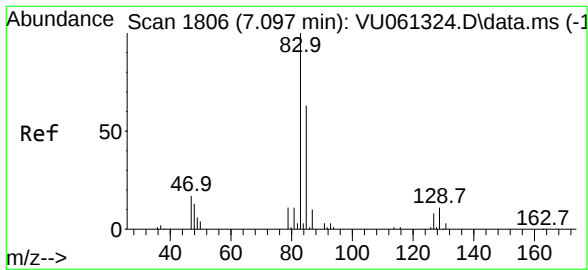
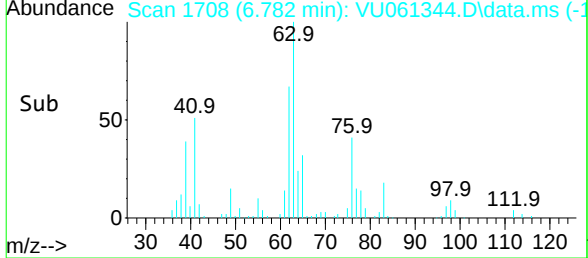
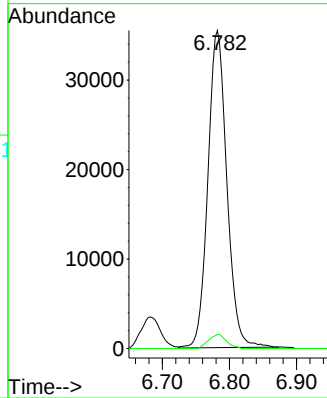
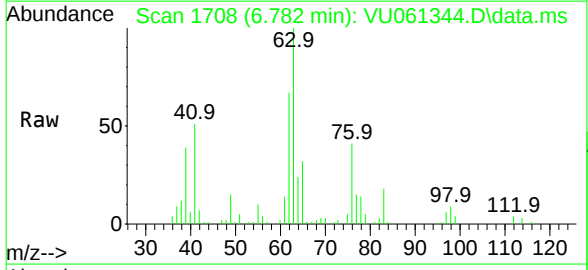




#37
 1,2-Dichloropropane
 Concen: 5.609 ug/L
 RT: 6.782 min Scan# 1708
 Delta R.T. 0.000 min
 Lab File: VU061344.D
 Acq: 01 Nov 2024 05:32

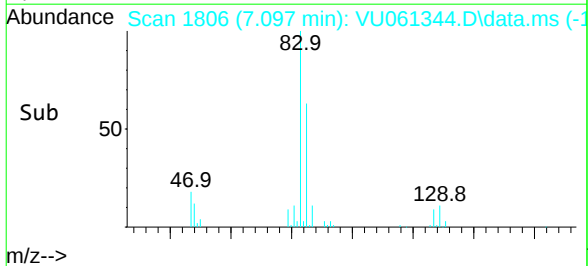
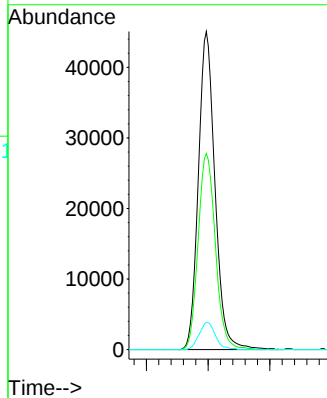
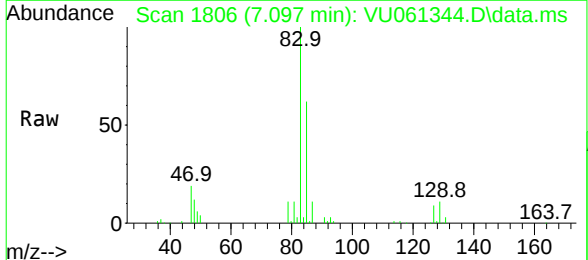
Instrument :
 MSVOA_U
 ClientSampleId :
 GCP06MS

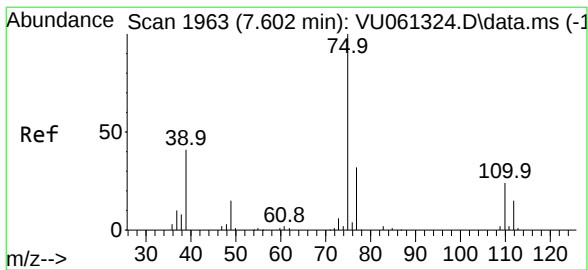
Tgt Ion: 63 Resp: 69600
 Ion Ratio Lower Upper
 63 100
 112 4.2 3.0 4.4



#38
 Bromodichloromethane
 Concen: 5.376 ug/L
 RT: 7.097 min Scan# 1806
 Delta R.T. 0.000 min
 Lab File: VU061344.D
 Acq: 01 Nov 2024 05:32

Tgt Ion: 83 Resp: 84427
 Ion Ratio Lower Upper
 83 100
 85 61.7 43.8 81.4
 127 8.6 7.4 11.0

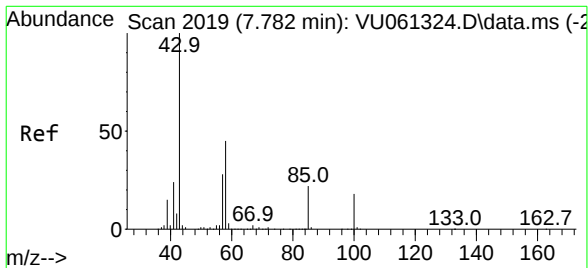
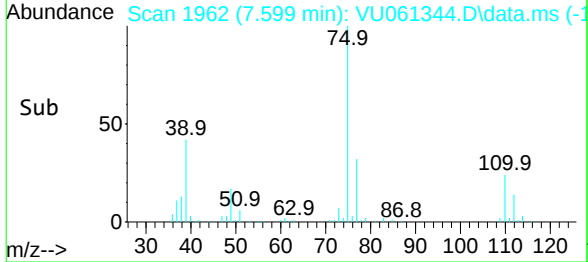
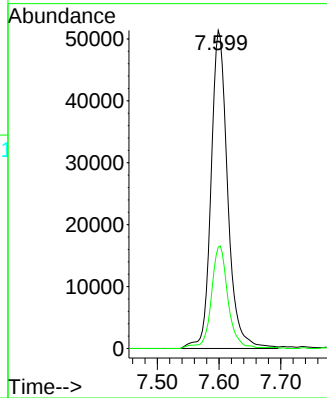
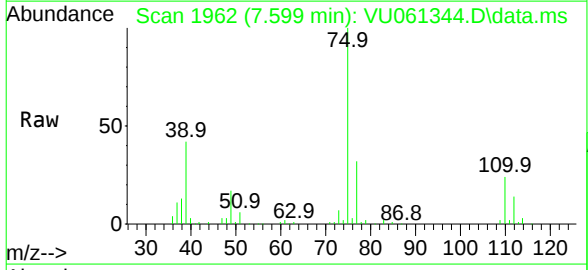




#39
 cis-1,3-Dichloropropene
 Concen: 5.019 ug/L
 RT: 7.599 min Scan# 1962
 Delta R.T. -0.003 min
 Lab File: VU061344.D
 Acq: 01 Nov 2024 05:32

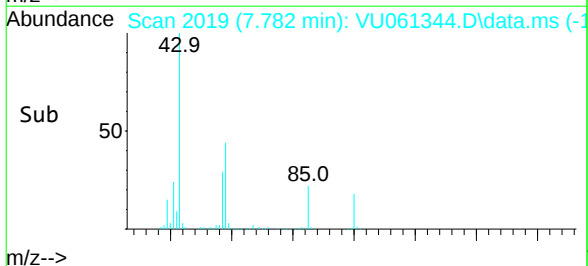
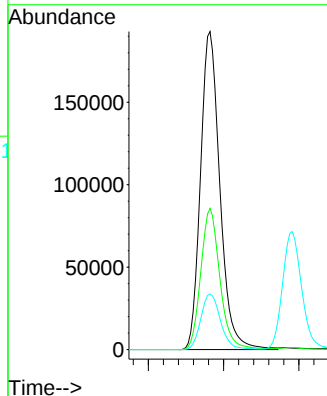
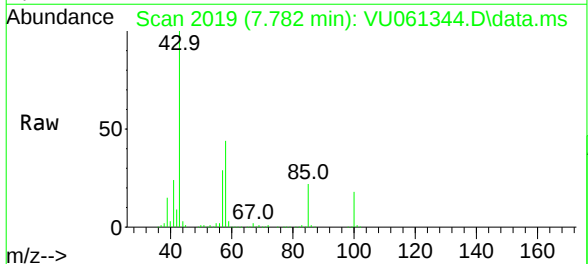
Instrument :
 MSVOA_U
 ClientSampleId :
 GCP06MS

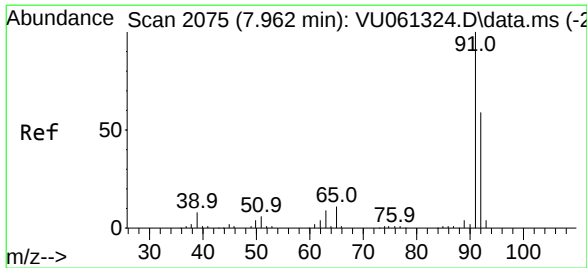
Tgt Ion: 75 Resp: 96198
 Ion Ratio Lower Upper
 75 100
 77 31.9 22.5 41.7



#40
 4-Methyl-2-pentanone
 Concen: 55.867 ug/L
 RT: 7.782 min Scan# 2019
 Delta R.T. 0.000 min
 Lab File: VU061344.D
 Acq: 01 Nov 2024 05:32

Tgt Ion: 43 Resp: 345044
 Ion Ratio Lower Upper
 43 100
 58 43.8 35.1 52.7
 100 17.8 14.0 21.0





#42

Toluene

Concen: 5.410 ug/L

RT: 7.962 min Scan# 2075

Delta R.T. 0.000 min

Lab File: VU061344.D

Acq: 01 Nov 2024 05:32

Instrument :

MSVOA_U

ClientSampleId :

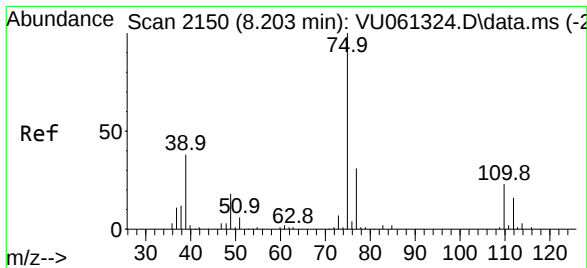
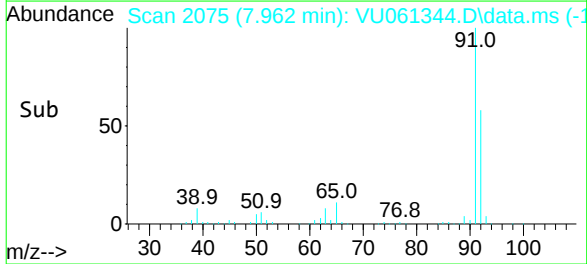
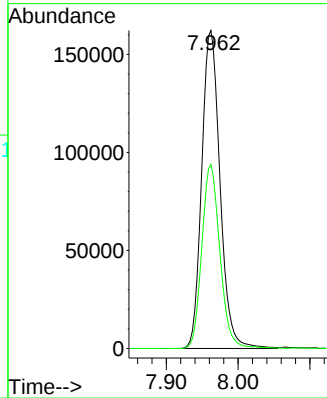
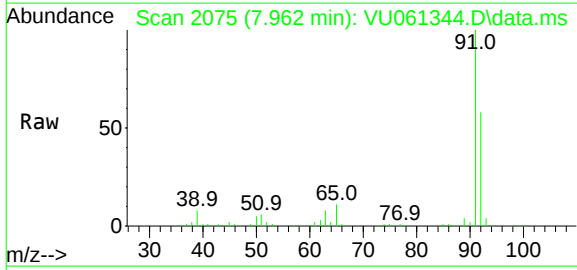
GCP06MS

Tgt Ion: 91 Resp: 287635

Ion Ratio Lower Upper

91 100

92 57.9 40.3 74.8



#44

trans-1,3-Dichloropropene

Concen: 4.917 ug/L

RT: 8.203 min Scan# 2150

Delta R.T. 0.000 min

Lab File: VU061344.D

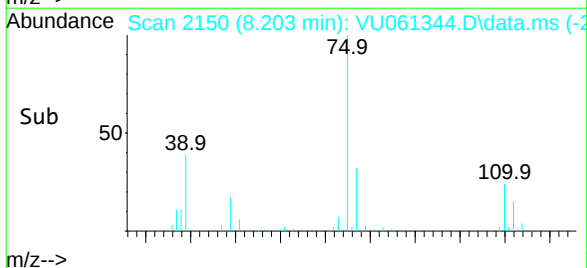
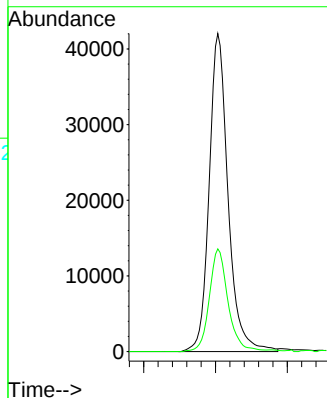
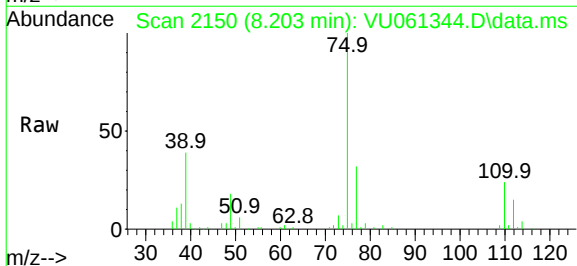
Acq: 01 Nov 2024 05:32

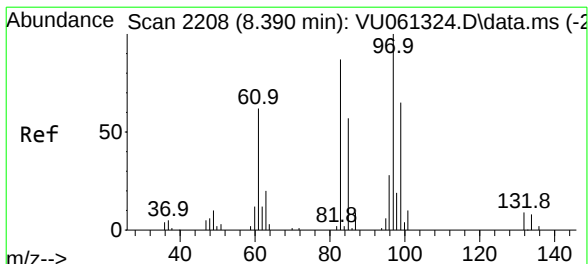
Tgt Ion: 75 Resp: 76782

Ion Ratio Lower Upper

75 100

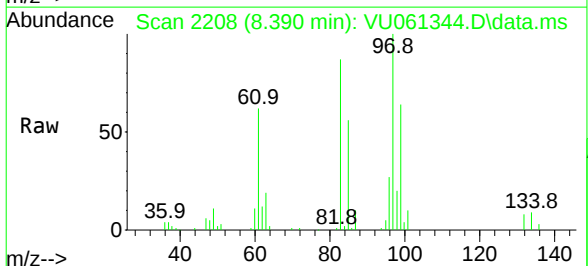
77 32.3 22.0 40.8



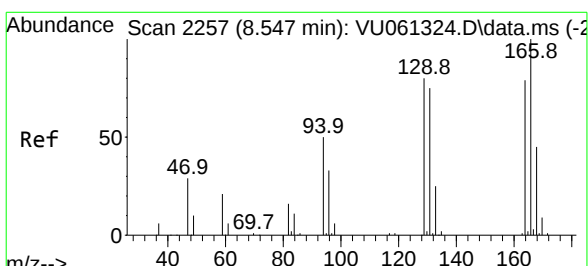
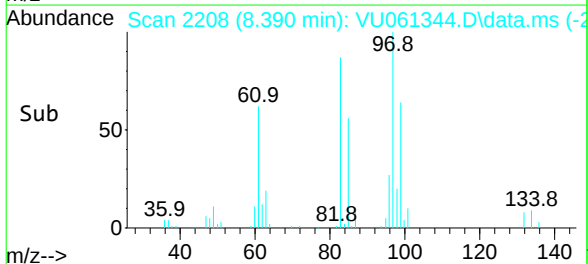
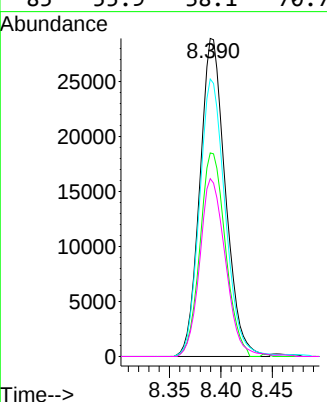


#45
 1,1,2-Trichloroethane
 Concen: 5.591 ug/L
 RT: 8.390 min Scan# 2208
 Delta R.T. 0.000 min
 Lab File: VU061344.D
 Acq: 01 Nov 2024 05:32

Instrument : MSVOA_U
 ClientSampleId : GCP06MS

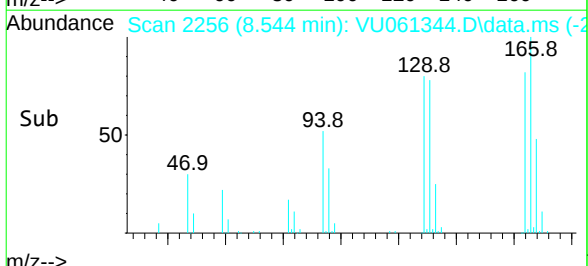
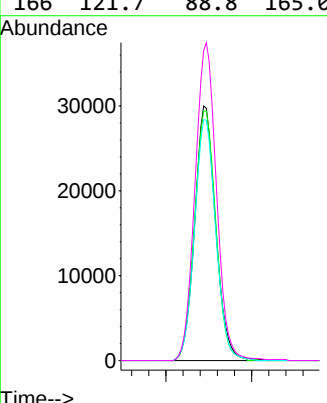
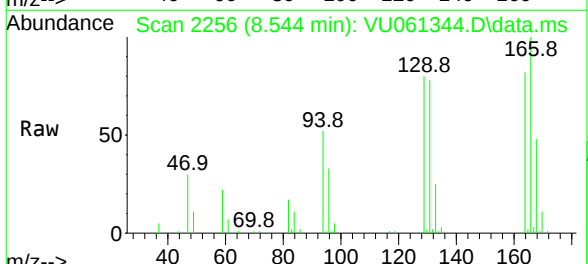


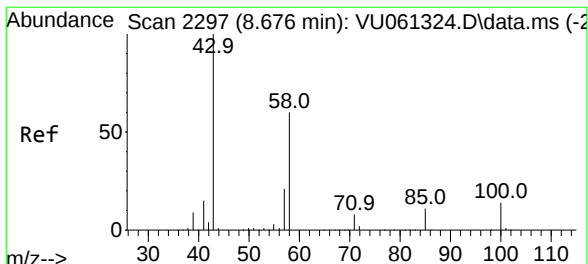
Tgt Ion:	97	Resp:	49932
Ion	Ratio	Lower	Upper
97	100		
99	64.0	44.1	81.9
83	87.2	61.2	113.6
85	55.9	38.1	70.7



#47
 Tetrachloroethene
 Concen: 5.478 ug/L
 RT: 8.544 min Scan# 2256
 Delta R.T. -0.003 min
 Lab File: VU061344.D
 Acq: 01 Nov 2024 05:32

Tgt Ion:	164	Resp:	50956
Ion	Ratio	Lower	Upper
164	100		
129	98.0	69.9	129.7
131	94.6	68.3	126.8
166	121.7	88.8	165.0

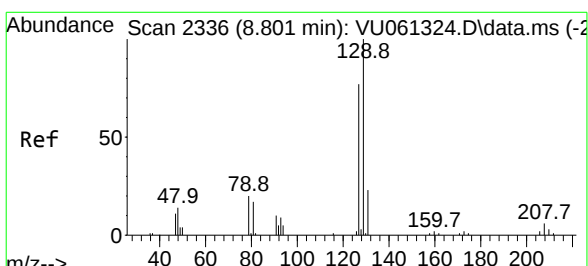
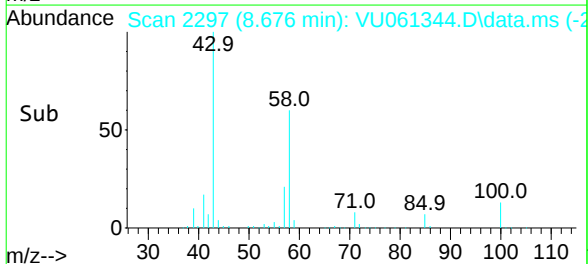
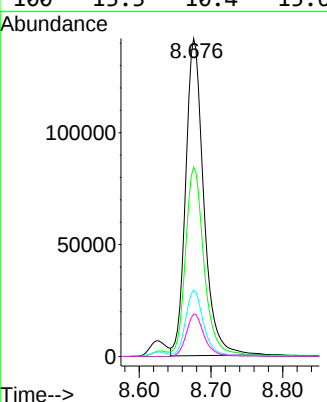
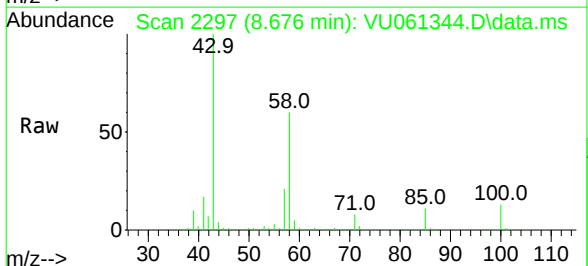




#48
2-Hexanone
Concen: 56.966 ug/L
RT: 8.676 min Scan# 2297
Delta R.T. 0.000 min
Lab File: VU061344.D
Acq: 01 Nov 2024 05:32

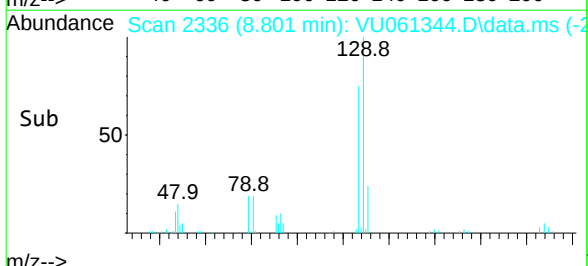
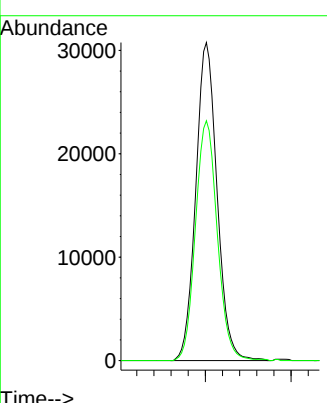
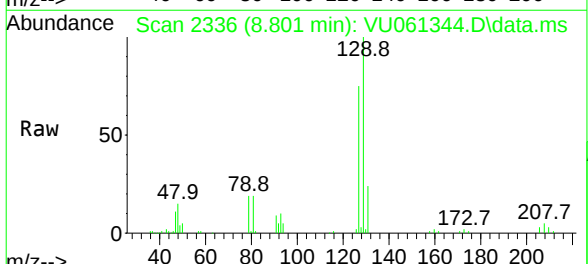
Instrument :
MSVOA_U
ClientSampleId :
GCP06MS

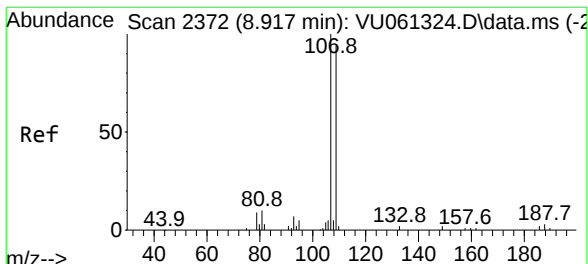
Tgt Ion:	43	Resp:	248796
Ion	Ratio	Lower	Upper
43	100		
58	60.1	48.6	72.8
57	20.4	17.0	25.6
100	13.3	10.4	15.6



#49
Dibromochloromethane
Concen: 5.244 ug/L
RT: 8.801 min Scan# 2336
Delta R.T. 0.000 min
Lab File: VU061344.D
Acq: 01 Nov 2024 05:32

Tgt Ion:	129	Resp:	53114
Ion	Ratio	Lower	Upper
129	100		
127	75.4	51.8	96.2



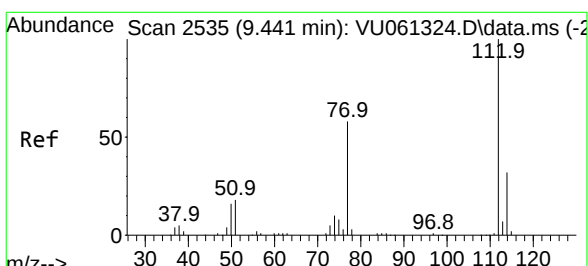
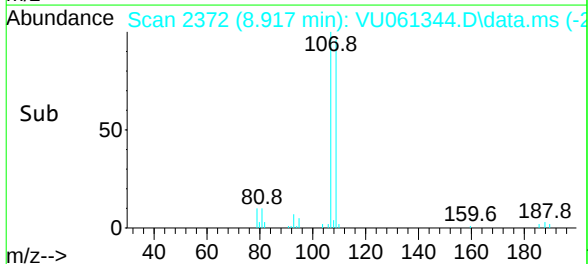
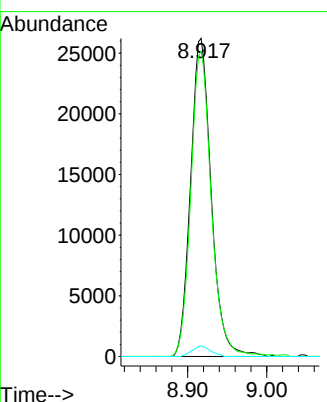
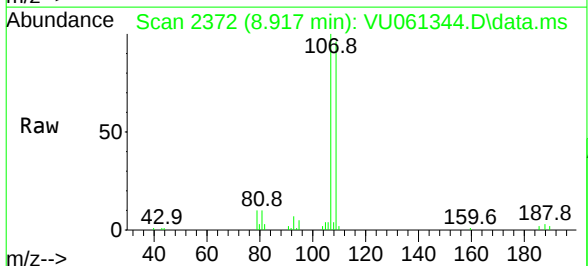


#50
 1,2-Dibromoethane
 Concen: 5.476 ug/L
 RT: 8.917 min Scan# 2372
 Delta R.T. 0.000 min
 Lab File: VU061344.D
 Acq: 01 Nov 2024 05:32

Instrument :
 MSVOA_U
 ClientSampleId :
 GCP06MS

Tgt Ion:107 Resp: 47513

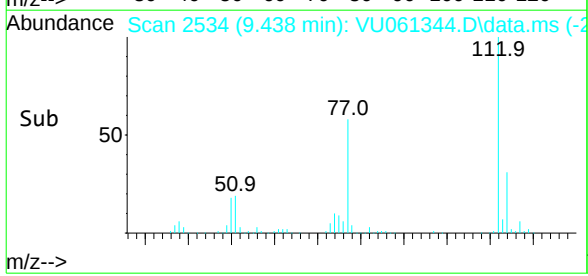
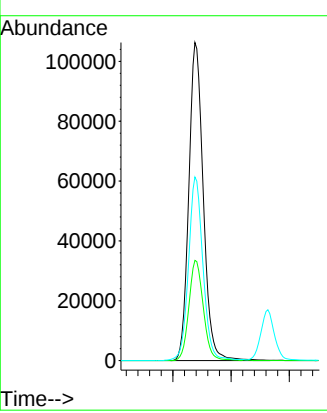
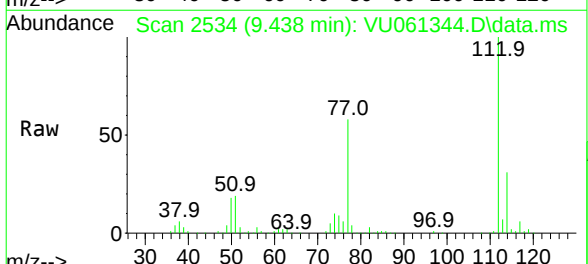
Ion	Ratio	Lower	Upper
107	100		
109	96.0	63.4	117.8
188	3.3	2.6	3.8

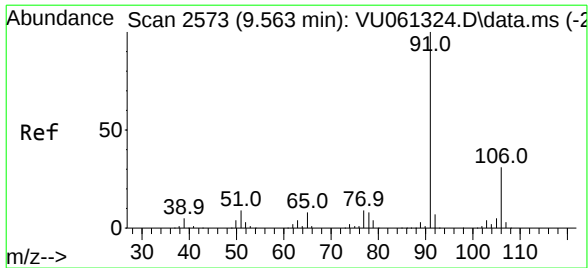


#51
 Chlorobenzene
 Concen: 5.462 ug/L
 RT: 9.438 min Scan# 2534
 Delta R.T. -0.003 min
 Lab File: VU061344.D
 Acq: 01 Nov 2024 05:32

Tgt Ion:112 Resp: 183563

Ion	Ratio	Lower	Upper
112	100		
114	31.5	22.9	42.5
77	57.7	47.1	70.7

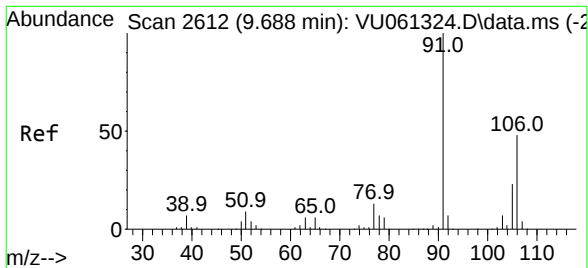
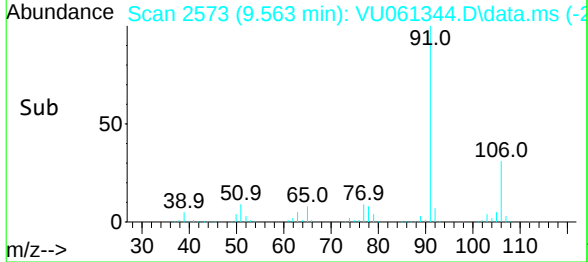
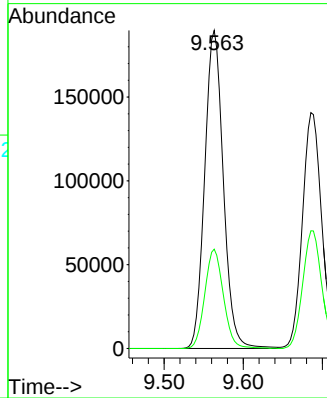
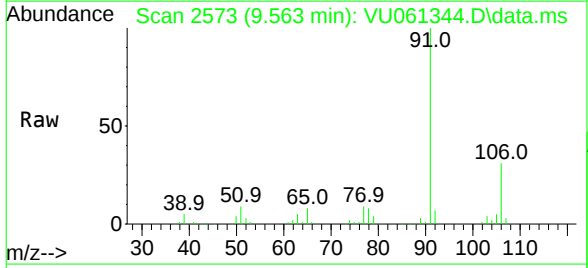




#52
Ethylbenzene
Concen: 5.305 ug/L
RT: 9.563 min Scan# 2573
Delta R.T. 0.000 min
Lab File: VU061344.D
Acq: 01 Nov 2024 05:32

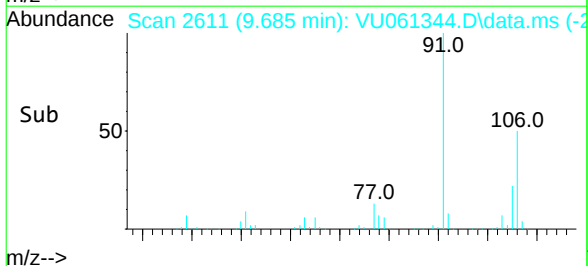
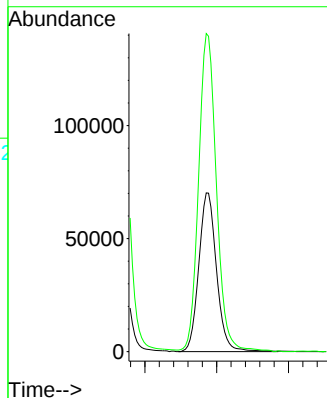
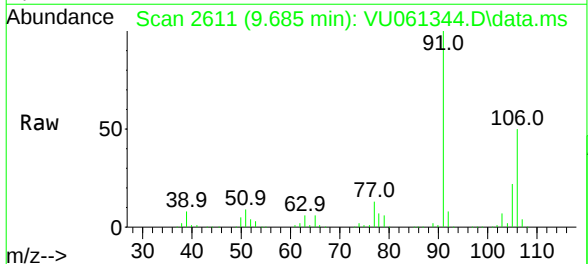
Instrument :
MSVOA_U
ClientSampleId :
GCP06MS

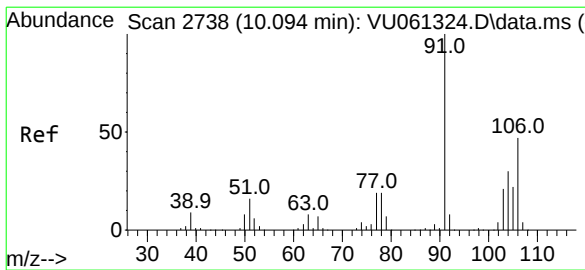
Tgt Ion: 91 Resp: 310223
Ion Ratio Lower Upper
91 100
106 31.2 22.0 41.0



#53
m,p-Xylene
Concen: 5.388 ug/L
RT: 9.685 min Scan# 2611
Delta R.T. -0.003 min
Lab File: VU061344.D
Acq: 01 Nov 2024 05:32

Tgt Ion: 106 Resp: 120050
Ion Ratio Lower Upper
106 100
91 200.4 145.7 270.7





#54

o-Xylene

Concen: 5.357 ug/L

RT: 10.094 min Scan# 2738

Delta R.T. 0.000 min

Lab File: VU061344.D

Acq: 01 Nov 2024 05:32

Instrument :

MSVOA_U

ClientSampleId :

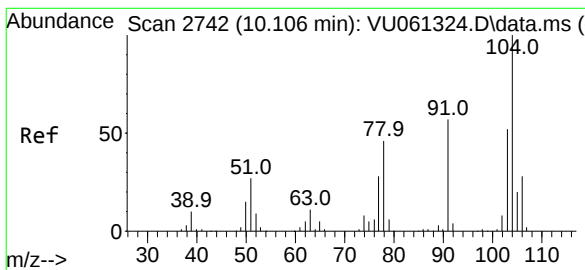
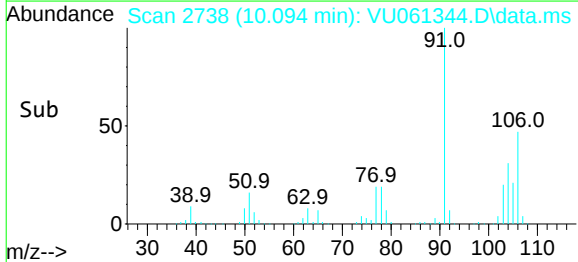
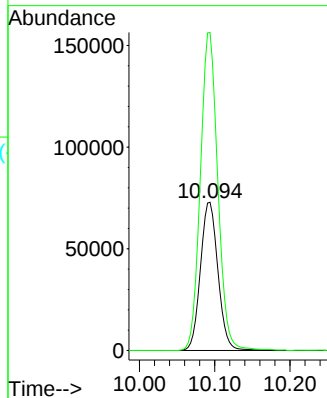
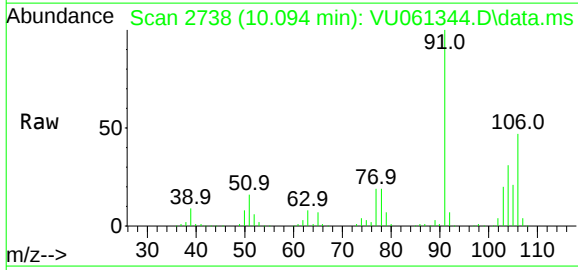
GCP06MS

Tgt Ion:106 Resp: 117790

Ion Ratio Lower Upper

106 100

91 214.6 148.8 276.4



#55

Styrene

Concen: 5.379 ug/L

RT: 10.107 min Scan# 2742

Delta R.T. 0.000 min

Lab File: VU061344.D

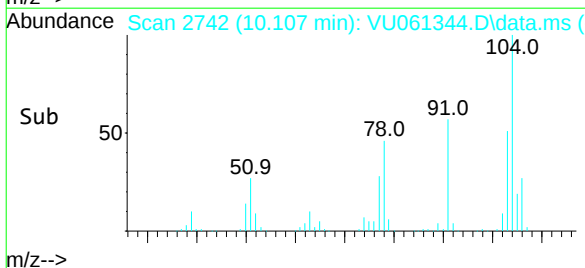
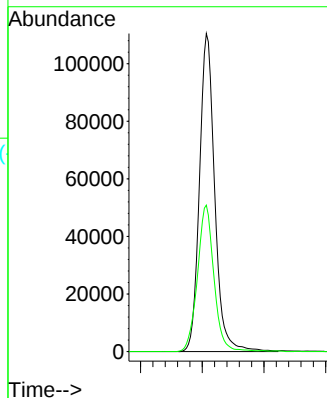
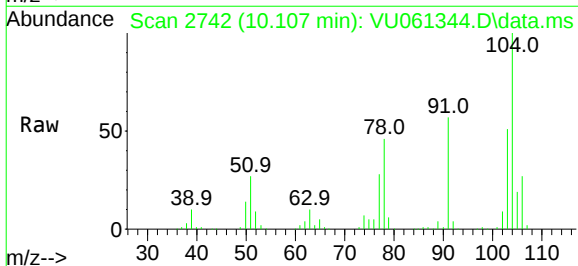
Acq: 01 Nov 2024 05:32

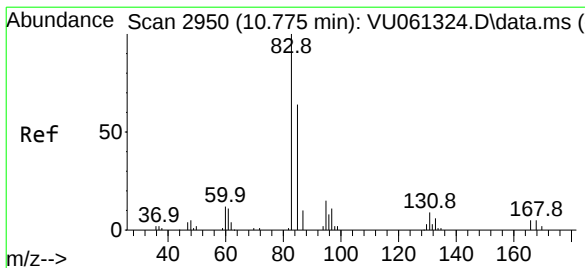
Tgt Ion:104 Resp: 189613

Ion Ratio Lower Upper

104 100

78 46.0 32.3 59.9





#57

1,1,2,2-Tetrachloroethane

Concen: 5.671 ug/L

RT: 10.772 min Scan# 29

Delta R.T. -0.003 min

Lab File: VU061344.D

Acq: 01 Nov 2024 05:32

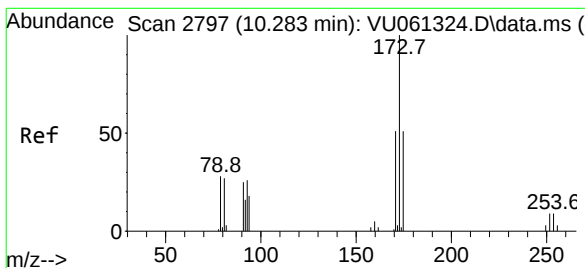
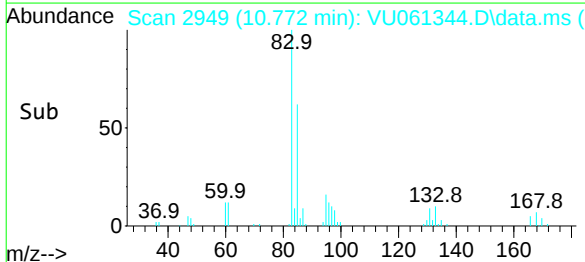
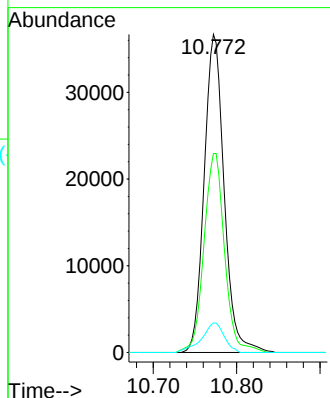
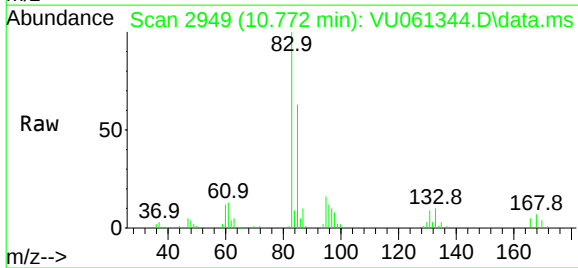
Instrument :

MSVOA_U

ClientSampleId :

GCP06MS

Tgt Ion:	83	Resp:	61022
Ion Ratio	Lower	Upper	
83	100		
85	62.5	45.3	84.1
131	9.3	7.6	11.4



#59

Bromoform

Concen: 5.078 ug/L

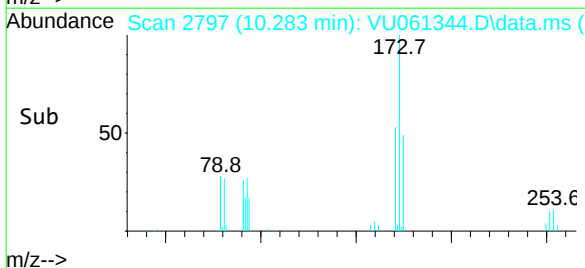
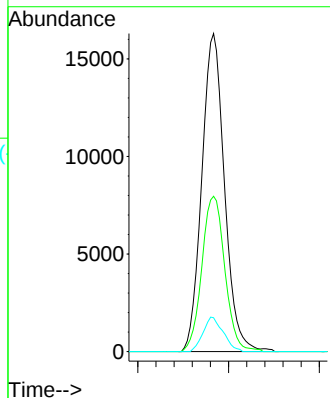
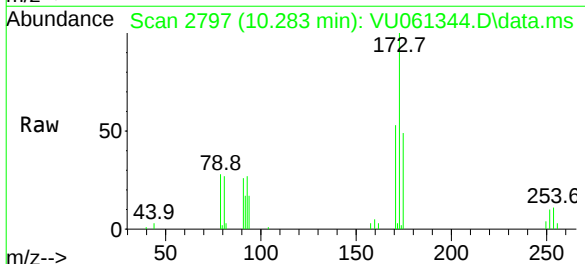
RT: 10.283 min Scan# 2797

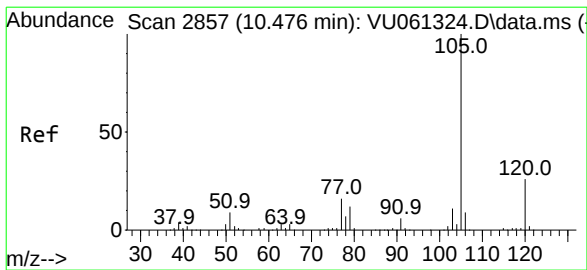
Delta R.T. 0.000 min

Lab File: VU061344.D

Acq: 01 Nov 2024 05:32

Tgt Ion:	173	Resp:	28301
Ion Ratio	Lower	Upper	
173	100		
175	49.5	39.0	58.4
254	9.6	6.8	10.2





#60

Isopropylbenzene

Concen: 5.338 ug/L

RT: 10.476 min Scan# 2857

Delta R.T. 0.000 min

Lab File: VU061344.D

Acq: 01 Nov 2024 05:32

Instrument :

MSVOA_U

ClientSampleId :

GCP06MS

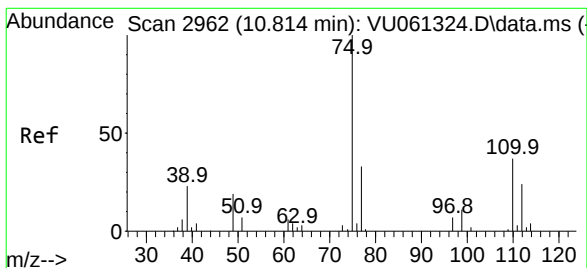
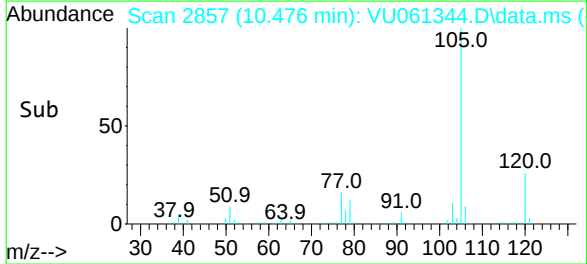
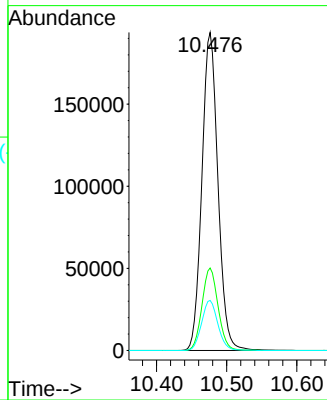
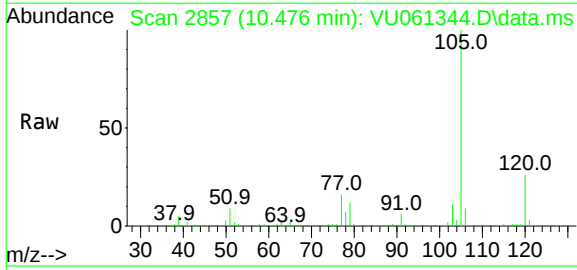
Tgt Ion:105 Resp: 307040

Ion Ratio Lower Upper

105 100

120 26.0 21.2 31.8

77 16.0 12.6 19.0



#61

1,2,3-Trichloropropane

Concen: 5.696 ug/L

RT: 10.814 min Scan# 2962

Delta R.T. 0.000 min

Lab File: VU061344.D

Acq: 01 Nov 2024 05:32

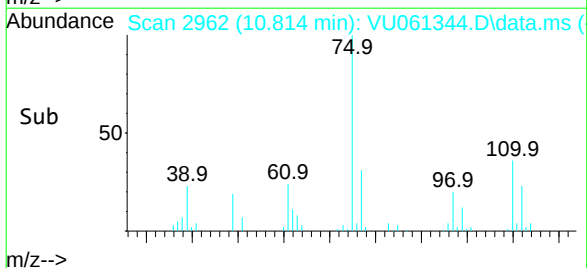
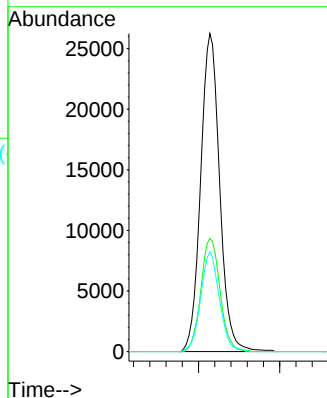
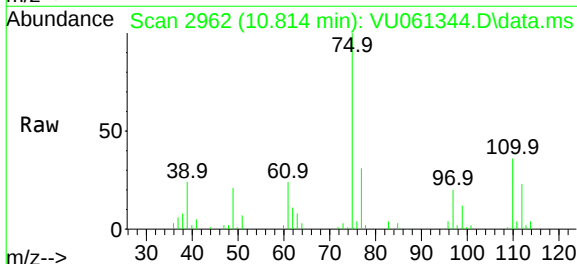
Tgt Ion: 75 Resp: 42723

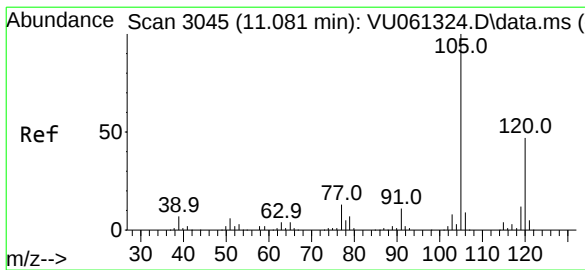
Ion Ratio Lower Upper

75 100

110 35.7 28.8 43.2

77 30.8 25.7 38.5

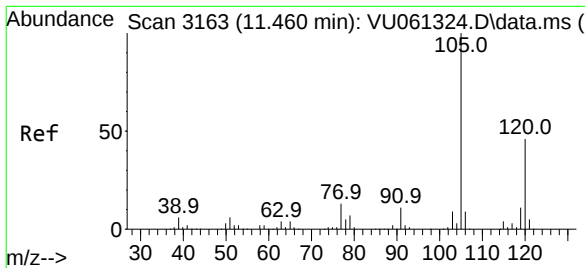
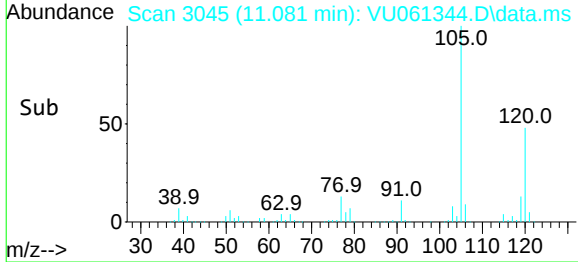
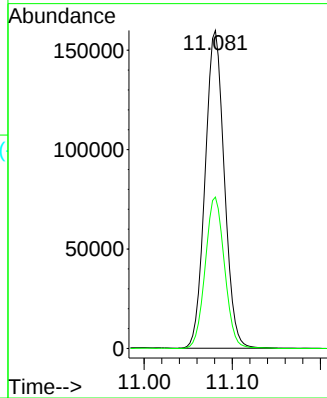
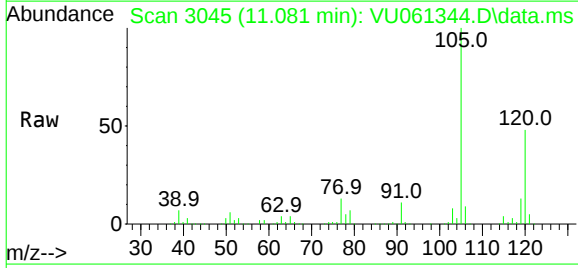




#62
1,3,5-Trimethylbenzene
Concen: 5.166 ug/L
RT: 11.081 min Scan# 3045
Delta R.T. 0.000 min
Lab File: VU061344.D
Acq: 01 Nov 2024 05:32

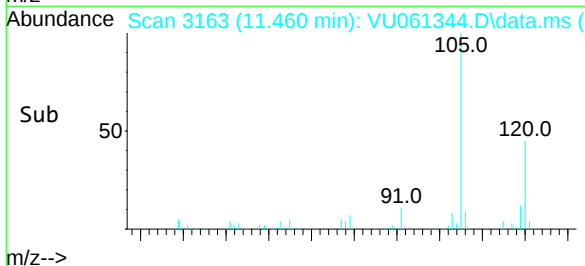
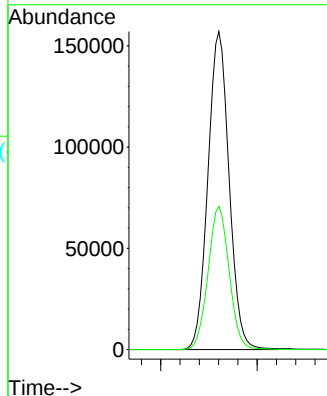
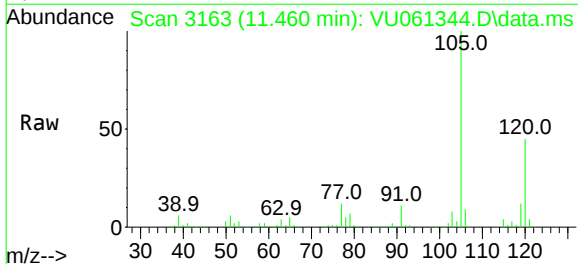
Instrument :
MSVOA_U
ClientSampleId :
GCP06MS

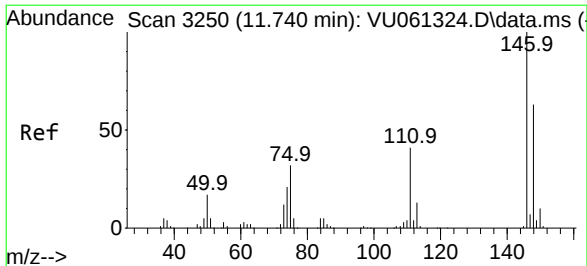
Tgt Ion:105 Resp: 241892
Ion Ratio Lower Upper
105 100
120 48.0 38.7 58.1



#63
1,2,4-Trimethylbenzene
Concen: 5.174 ug/L
RT: 11.460 min Scan# 3163
Delta R.T. 0.000 min
Lab File: VU061344.D
Acq: 01 Nov 2024 05:32

Tgt Ion:105 Resp: 239477
Ion Ratio Lower Upper
105 100
120 44.9 35.4 53.0





#64

1,3-Dichlorobenzene

Concen: 5.488 ug/L

RT: 11.737 min Scan# 32

Delta R.T. -0.003 min

Lab File: VU061344.D

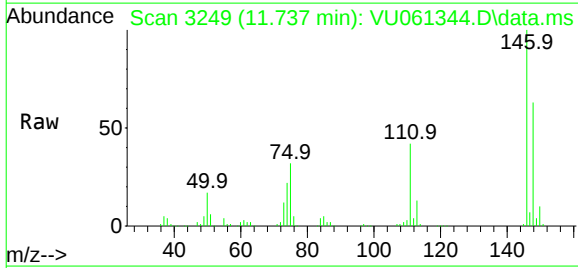
Acq: 01 Nov 2024 05:32

Instrument :

MSVOA_U

ClientSampleId :

GCP06MS



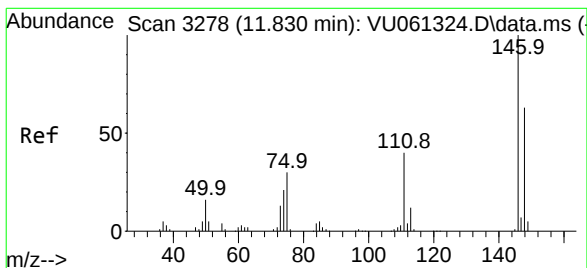
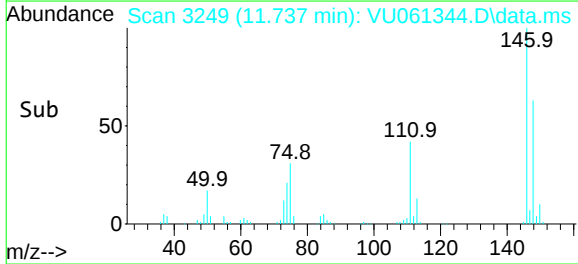
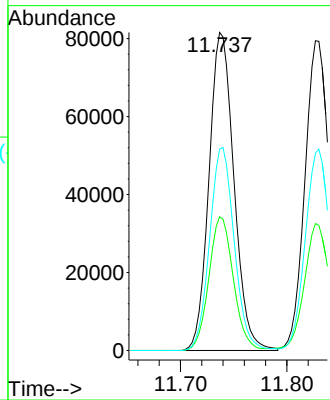
Tgt Ion:146 Resp: 132850

Ion Ratio Lower Upper

146 100

111 42.0 30.0 55.8

148 63.3 45.1 83.7



#65

1,4-Dichlorobenzene

Concen: 5.322 ug/L

RT: 11.827 min Scan# 3277

Delta R.T. -0.003 min

Lab File: VU061344.D

Acq: 01 Nov 2024 05:32

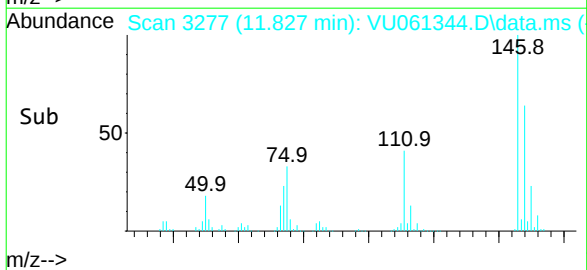
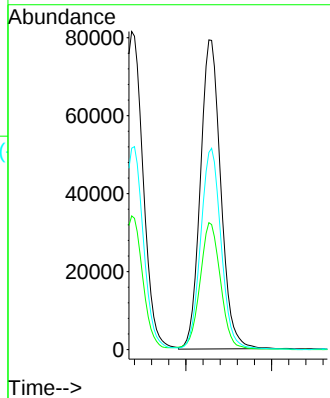
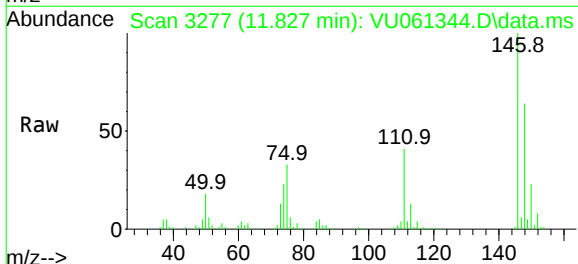
Tgt Ion:146 Resp: 131327

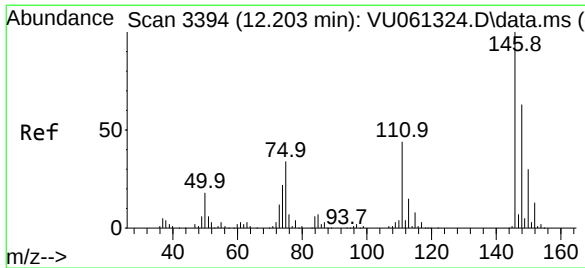
Ion Ratio Lower Upper

146 100

111 41.0 28.2 52.4

148 63.6 43.3 80.3





#67

1,2-Dichlorobenzene

Concen: 5.404 ug/L

RT: 12.203 min Scan# 3394

Delta R.T. 0.000 min

Lab File: VU061344.D

Acq: 01 Nov 2024 05:32

Instrument :

MSVOA_U

ClientSampleId :

GCP06MS

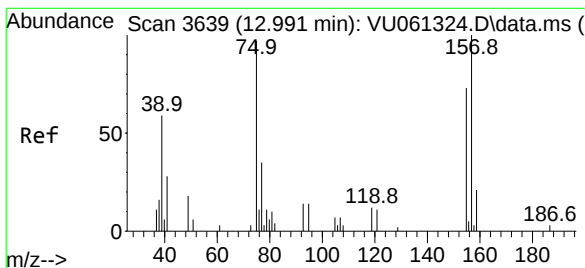
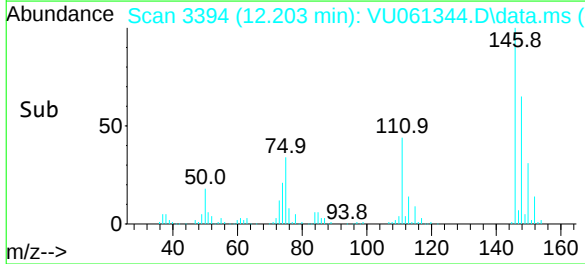
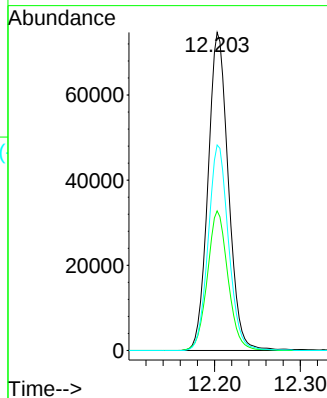
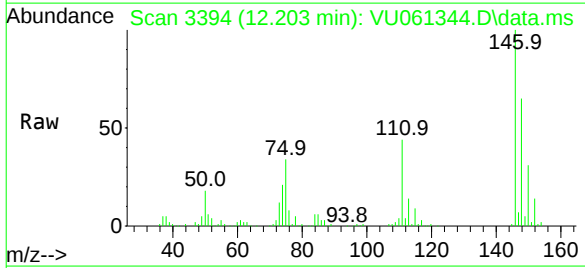
Tgt Ion:146 Resp: 123121

Ion Ratio Lower Upper

146 100

111 43.9 35.2 52.8

148 64.6 51.3 76.9



#68

1,2-Dibromo-3-chloropropane

Concen: 4.839 ug/L

RT: 12.988 min Scan# 3638

Delta R.T. -0.003 min

Lab File: VU061344.D

Acq: 01 Nov 2024 05:32

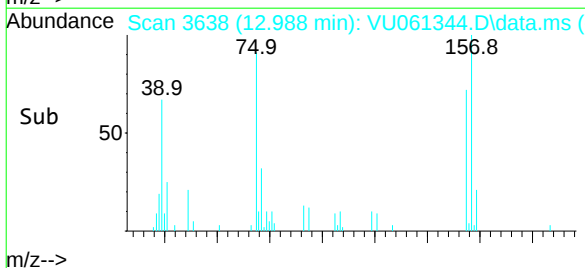
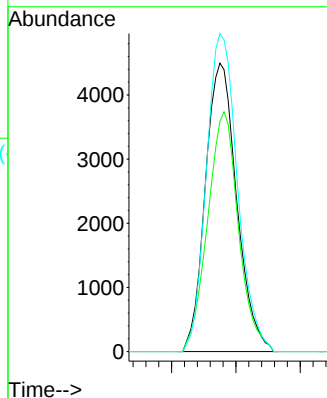
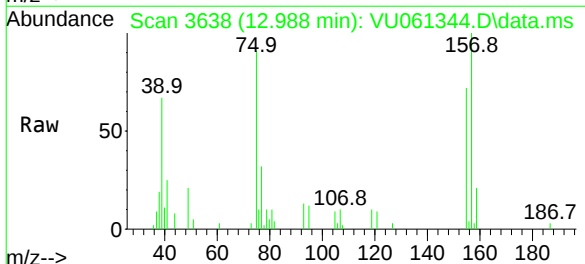
Tgt Ion: 75 Resp: 7620

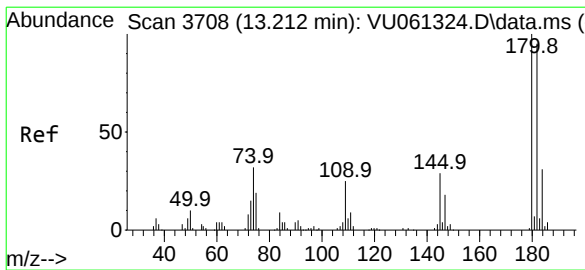
Ion Ratio Lower Upper

75 100

155 79.8 69.3 103.9

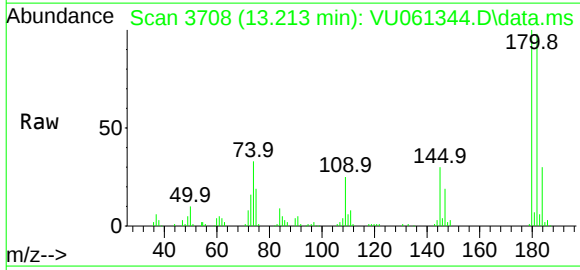
157 110.3 81.4 122.2



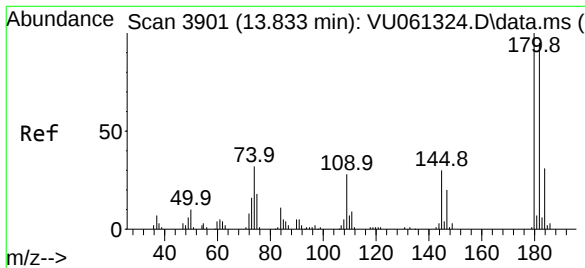
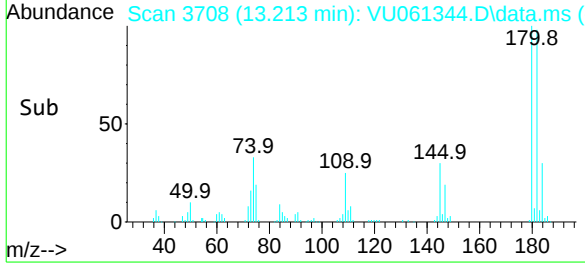
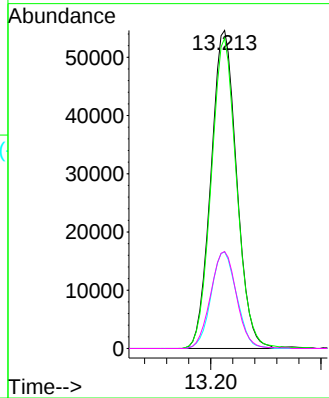


1,3,5-Trichlorobenzene
Concen: 5.325 ug/L
RT: 13.213 min Scan# 3708
Delta R.T. 0.000 min
Lab File: VU061344.D
Acq: 01 Nov 2024 05:32

Instrument :
MSVOA_U
ClientSampleId :
GCP06MS

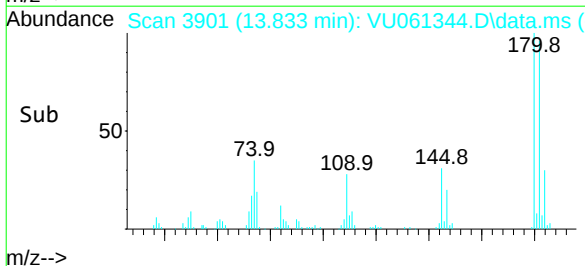
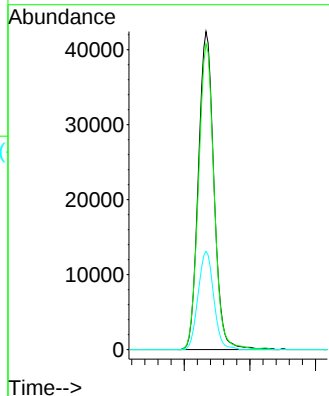
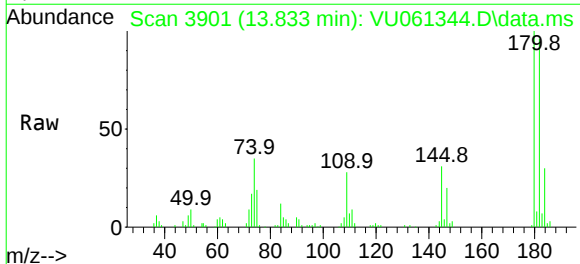


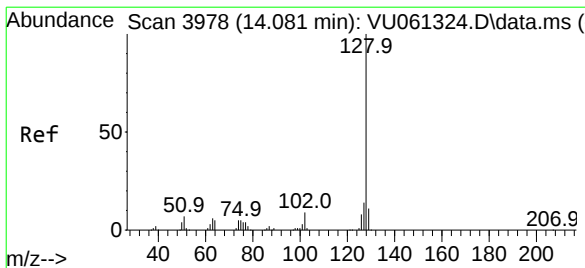
Tgt Ion:	180	Resp:	88362
Ion Ratio	Lower	Upper	
180	100		
182	96.7	77.4	116.2
184	30.1	24.4	36.6
145	30.8	25.2	37.8



1,2,4-trichlorobenzene
Concen: 5.209 ug/L
RT: 13.833 min Scan# 3901
Delta R.T. 0.000 min
Lab File: VU061344.D
Acq: 01 Nov 2024 05:32

Tgt Ion:	180	Resp:	69754
Ion Ratio	Lower	Upper	
180	100		
182	96.0	77.2	115.8
145	30.9	25.6	38.4





#71

Naphthalene

Concen: 4.983 ug/L

RT: 14.081 min Scan# 39

Delta R.T. 0.000 min

Lab File: VU061344.D

Acq: 01 Nov 2024 05:32

Instrument :

MSVOA_U

ClientSampleId :

GCP06MS

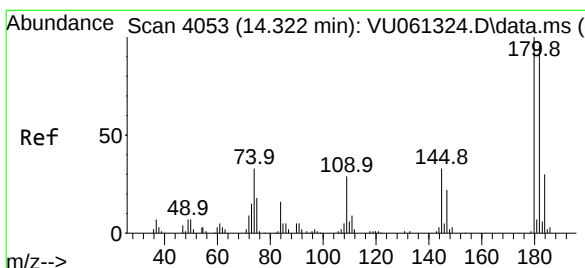
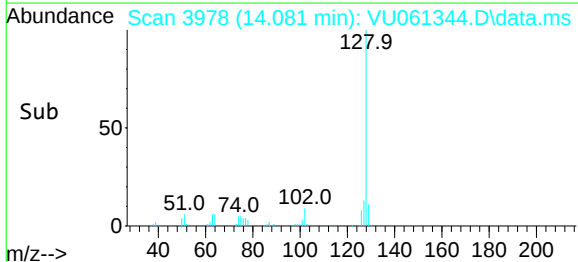
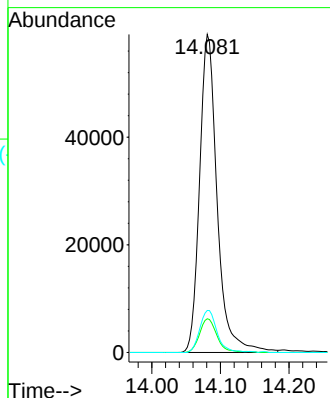
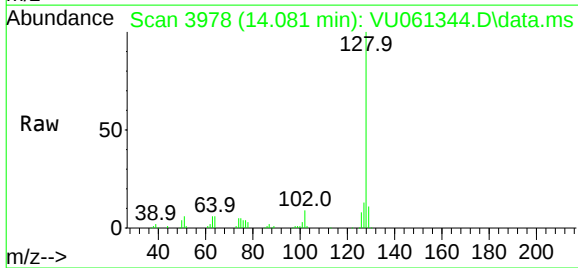
Tgt Ion:128 Resp: 105300

Ion Ratio Lower Upper

128 100

129 10.4 9.0 13.4

127 12.9 10.0 15.0



#72

1,2,3-Trichlorobenzene

Concen: 5.352 ug/L

RT: 14.322 min Scan# 4053

Delta R.T. 0.000 min

Lab File: VU061344.D

Acq: 01 Nov 2024 05:32

Tgt Ion:180 Resp: 59958

Ion Ratio Lower Upper

180 100

182 95.5 76.0 114.0

145 32.2 26.5 39.7

