

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU112024\
 Data File : VU061907.D
 Acq On : 21 Nov 2024 09:24
 Operator : MD/SY
 Sample : P4875-14MS
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 57 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 E2A01MS

Quant Time: Nov 21 11:57:40 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR112024WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Nov 21 03:29:06 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	175856	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.409	117	189734	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	78692	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	50073	5.805	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	= 116.000%	
7) Chloroethane-d5	1.908	69	41190	5.398	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	= 108.000%	
11) 1,1-Dichloroethene-d2	2.560	65	22419	6.505	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	= 130.200%#	
20) 2-Butanone-d5	4.615	46	108762	40.152	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	= 80.300%	
24) Chloroform-d	5.052	84	105452	5.011	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	= 100.200%	
26) 1,2-Dichloroethane-d4	5.692	65	51520	4.757	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	= 95.200%	
32) Benzene-d6	5.718	84	198692	5.375	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	= 107.400%	
36) 1,2-Dichloropropane-d6	6.679	67	62265	4.957	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	= 99.200%	
41) Toluene-d8	7.888	98	181552	5.888	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	= 117.800%	
43) trans-1,3-Dichloroprop...	8.174	79	20554	4.420	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	= 88.400%	
46) 2-Hexanone-d5	8.624	63	73129	34.454	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	= 68.900%	
56) 1,1,2,2-Tetrachloroeth...	10.746	84	47658	3.797	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	= 76.000%	
66) 1,2-Dichlorobenzene-d4	12.184	152	57887	4.975	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	= 99.400%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.383	85	74597	4.848	ug/L	97
3) Chloromethane	1.518	50	76703	4.837	ug/L	99
5) Vinyl chloride	1.602	62	78936	4.845	ug/L	97
6) Bromomethane	1.850	94	45941	4.737	ug/L	100
8) Chloroethane	1.927	64	49590	4.720	ug/L	93
9) Trichlorofluoromethane	2.133	101	101765	4.938	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.573	101	61380	4.840	ug/L	98
12) 1,1-Dichloroethene	2.573	96	57858	4.906	ug/L	90
13) Acetone	2.621	43	91903	49.140	ug/L	97
14) Carbon disulfide	2.789	76	175952	4.690	ug/L	100
15) Methyl Acetate	2.946	43	17519	3.648	ug/L	99
16) Methylene chloride	3.036	84	66210	4.676	ug/L	99
17) Methyl tert-butyl Ether	3.354	73	147436	4.878	ug/L	99
18) trans-1,2-Dichloroethene	3.345	96	60325	4.839	ug/L	99
19) 1,1-Dichloroethane	3.859	63	120175	4.948	ug/L	99
21) 2-Butanone	4.692	43	147017	48.639	ug/L	100
22) cis-1,2-Dichloroethene	4.657	96	70262	5.008	ug/L	99
23) Bromochloromethane	4.965	128	30754	5.042	ug/L	97
25) Chloroform	5.078	83	126000	4.963	ug/L	95

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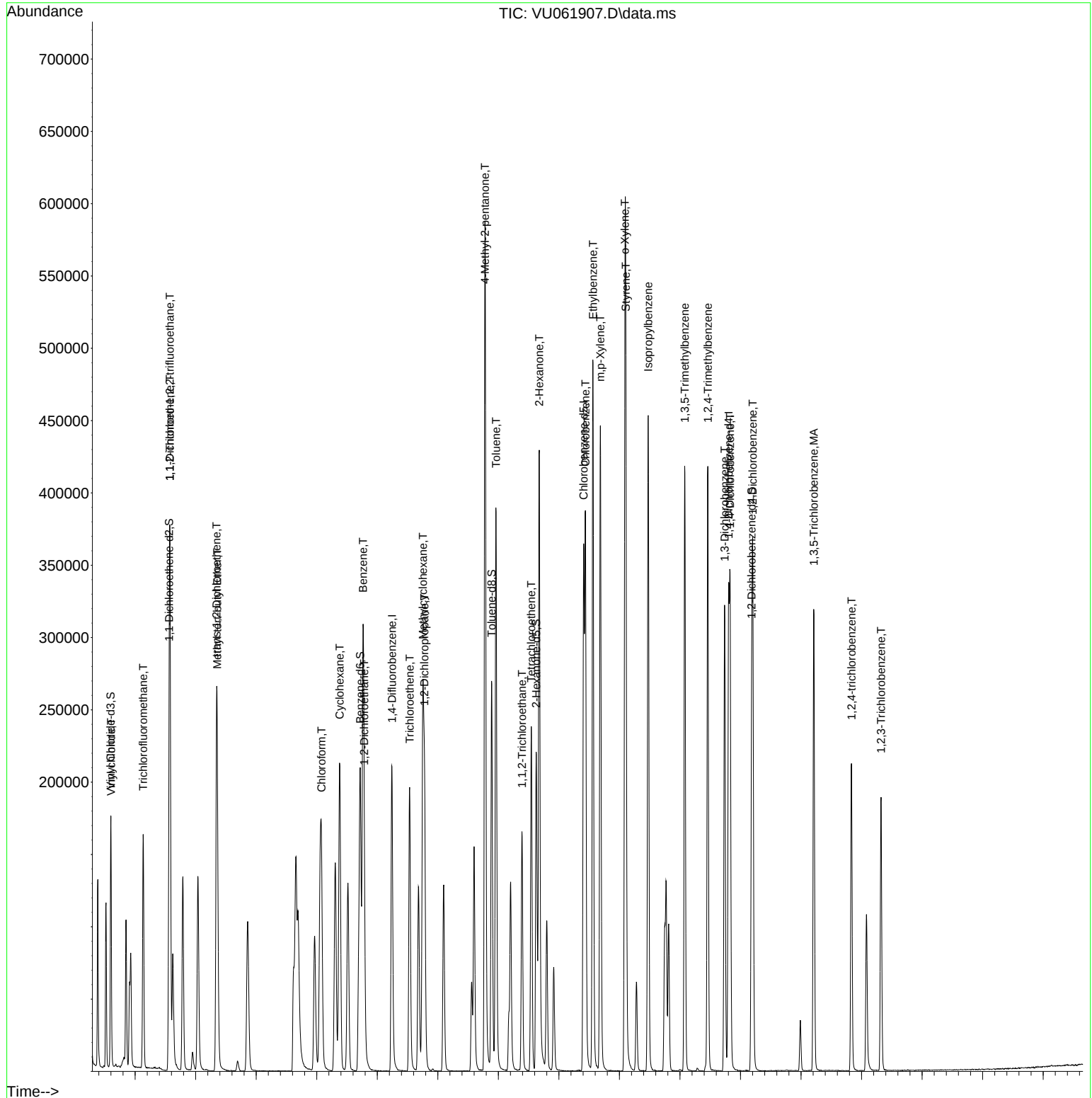
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.785	62	82750	5.067	ug/L	100
29) 1,1,1-Trichloroethane	5.306	97	104347	4.771	ug/L	99
30) Cyclohexane	5.377	56	102522	4.482	ug/L	98
31) Carbon tetrachloride	5.515	117	89944	4.844	ug/L	97
33) Benzene	5.763	78	276294	4.822	ug/L	100
34) Trichloroethene	6.534	95	70996	4.642	ug/L	100
35) Methylcyclohexane	6.753	83	102121	4.365	ug/L	99
37) 1,2-Dichloropropane	6.779	63	74293	4.991	ug/L	99
38) Bromodichloromethane	7.097	83	86246	4.777	ug/L	99
39) cis-1,3-Dichloropropene	7.599	75	93489	4.479	ug/L	99
40) 4-Methyl-2-pentanone	7.779	43	372998	46.438	ug/L	99
42) Toluene	7.962	91	290160	4.825	ug/L	99
44) trans-1,3-Dichloropropene	8.203	75	74566	4.498	ug/L	99
45) 1,1,2-Trichloroethane	8.390	97	51253	4.673	ug/L	98
47) Tetrachloroethene	8.544	164	50033	4.498	ug/L	97
48) 2-Hexanone	8.676	43	263660	43.831	ug/L	97
49) Dibromochloromethane	8.801	129	52891	4.565	ug/L	96
50) 1,2-Dibromoethane	8.914	107	48380	4.445	ug/L #	100
51) Chlorobenzene	9.438	112	203213	4.934	ug/L	99
52) Ethylbenzene	9.563	91	350609	4.872	ug/L	98
53) m,p-Xylene	9.685	106	128438	5.058	ug/L	99
54) o-Xylene	10.090	106	109785	4.284	ug/L	96
55) Styrene	10.107	104	179599	4.253	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.772	83	61699	4.390	ug/L	100
59) Bromoform	10.280	173	26324	4.500	ug/L	97
60) Isopropylbenzene	10.476	105	292838	4.773	ug/L	100
61) 1,2,3-Trichloropropane	10.814	75	42384	4.659	ug/L	99
62) 1,3,5-Trimethylbenzene	11.078	105	227789	4.654	ug/L	98
63) 1,2,4-Trimethylbenzene	11.460	105	227549	4.663	ug/L	99
64) 1,3-Dichlorobenzene	11.737	146	128332	4.711	ug/L	99
65) 1,4-Dichlorobenzene	11.827	146	125095	4.745	ug/L	99
67) 1,2-Dichlorobenzene	12.203	146	120364	5.081	ug/L	97
68) 1,2-Dibromo-3-chloropr...	12.987	75	9928	6.394	ug/L	98
69) 1,3,5-Trichlorobenzene	13.209	180	97475	6.014	ug/L	99
70) 1,2,4-trichlorobenzene	13.833	180	62857	5.060	ug/L	96
71) Naphthalene	14.081	128	96654	4.828	ug/L	99
72) 1,2,3-Trichlorobenzene	14.322	180	55619	5.199	ug/L	99

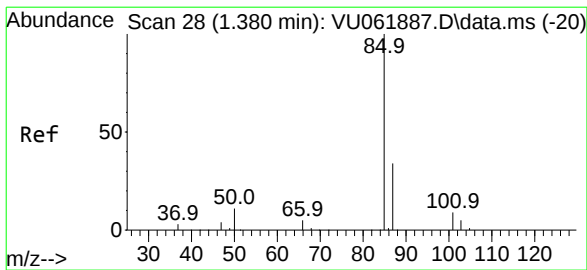
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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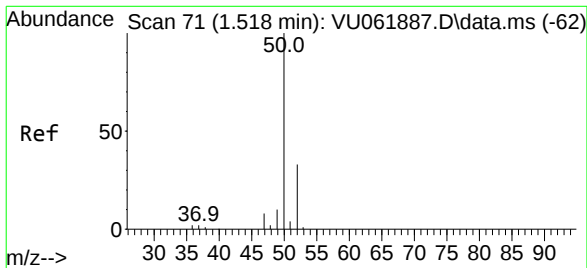
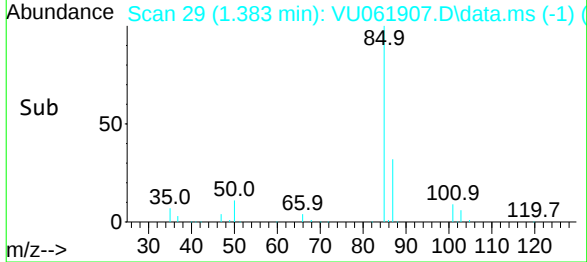
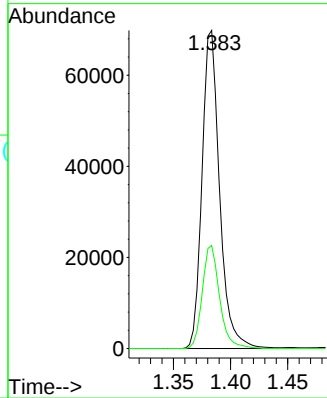
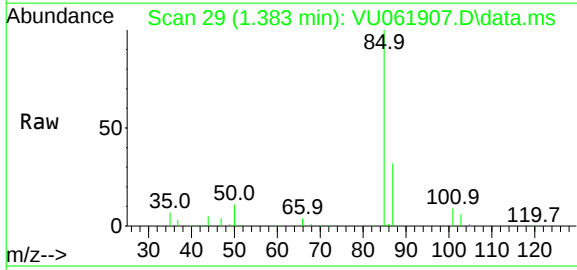




#2
 Dichlorodifluoromethane
 Concen: 4.848 ug/L
 RT: 1.383 min Scan# 29
 Delta R.T. 0.003 min
 Lab File: VU061907.D
 Acq: 21 Nov 2024 09:24

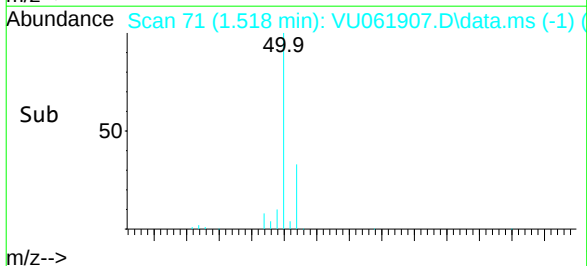
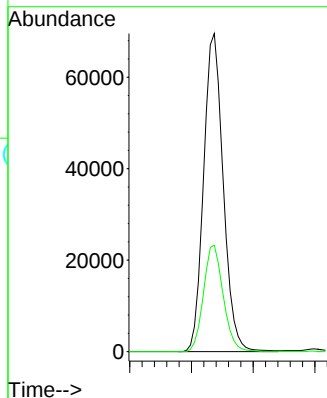
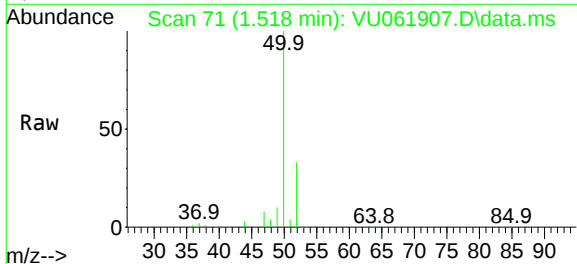
Instrument :
 MSVOA_U
 ClientSampleId :
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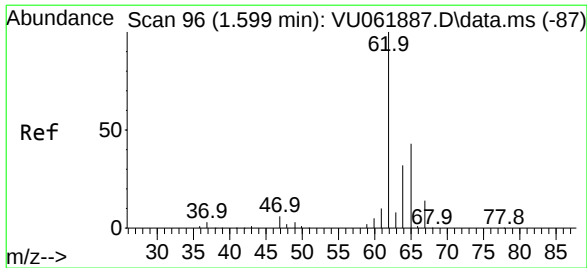
Tgt Ion: 85 Resp: 74597
 Ion Ratio Lower Upper
 85 100
 87 31.9 26.6 40.0



#3
 Chloromethane
 Concen: 4.837 ug/L
 RT: 1.518 min Scan# 71
 Delta R.T. 0.000 min
 Lab File: VU061907.D
 Acq: 21 Nov 2024 09:24

Tgt Ion: 50 Resp: 76703
 Ion Ratio Lower Upper
 50 100
 52 33.5 23.1 42.9

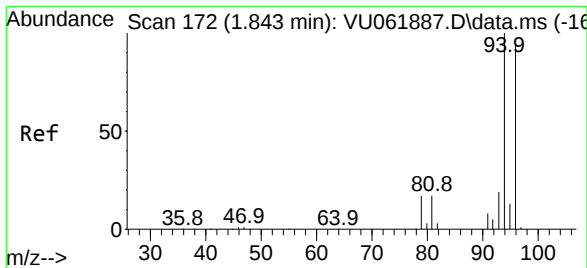
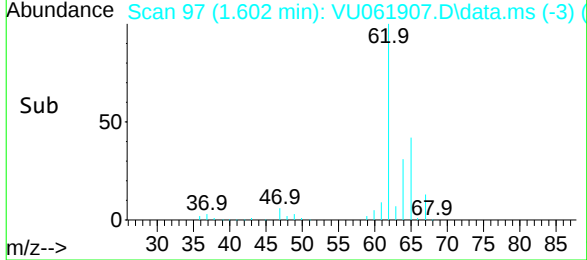
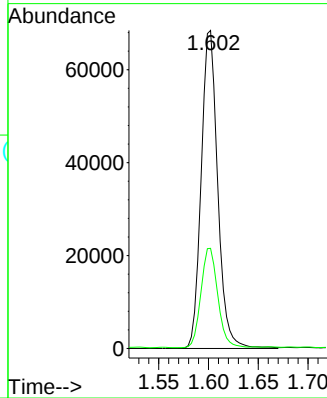
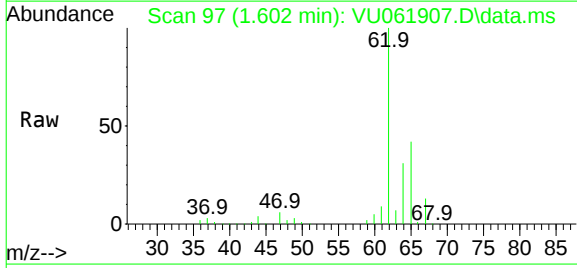




#5
 Vinyl chloride
 Concen: 4.845 ug/L
 RT: 1.602 min Scan# 97
 Delta R.T. 0.003 min
 Lab File: VU061907.D
 Acq: 21 Nov 2024 09:24

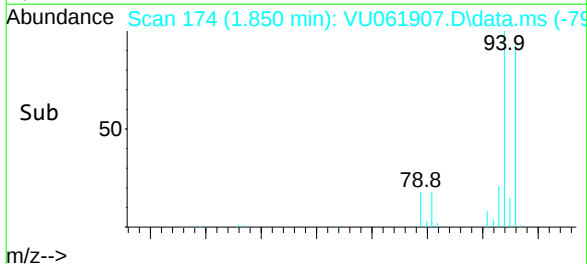
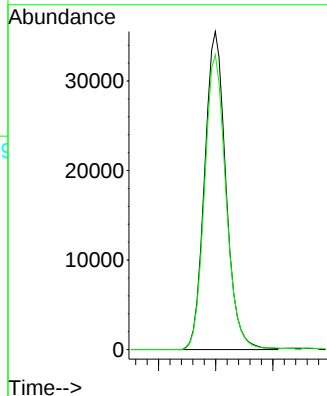
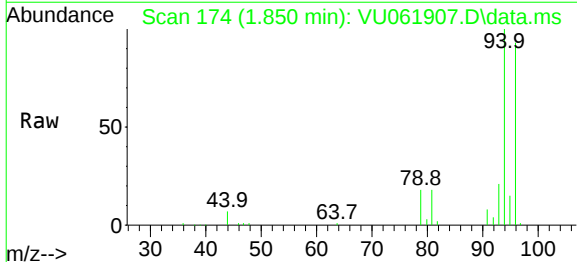
Instrument :
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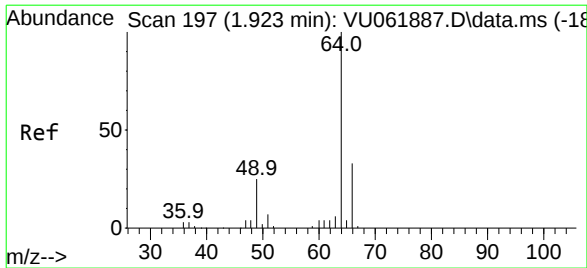
Tgt Ion: 62 Resp: 78936
 Ion Ratio Lower Upper
 62 100
 64 31.5 23.1 42.9



#6
 Bromomethane
 Concen: 4.737 ug/L
 RT: 1.850 min Scan# 174
 Delta R.T. 0.007 min
 Lab File: VU061907.D
 Acq: 21 Nov 2024 09:24

Tgt Ion: 94 Resp: 45941
 Ion Ratio Lower Upper
 94 100
 96 92.7 64.5 119.9

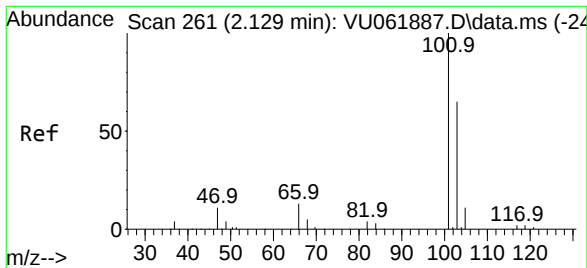
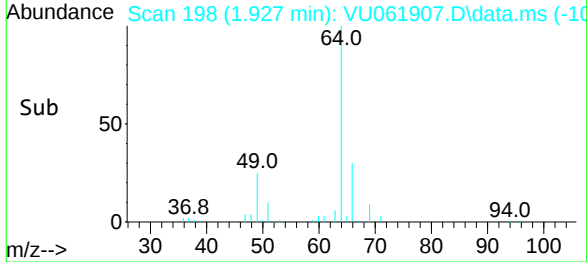
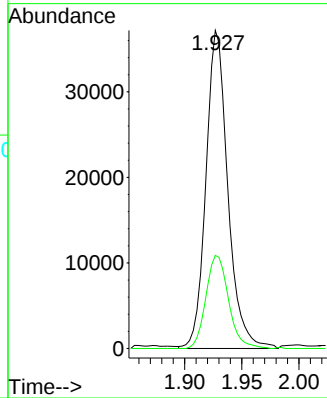
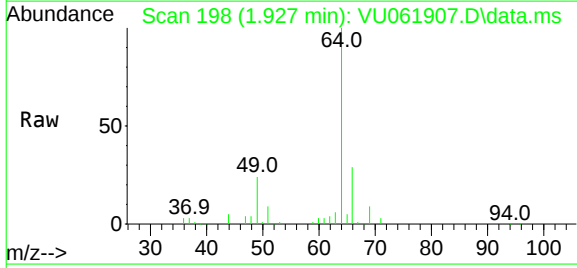




#8
Chloroethane
Concen: 4.720 ug/L
RT: 1.927 min Scan# 19
Delta R.T. 0.003 min
Lab File: VU061907.D
Acq: 21 Nov 2024 09:24

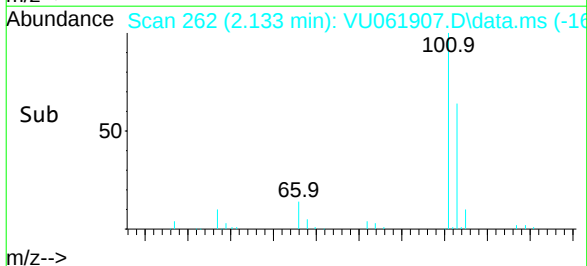
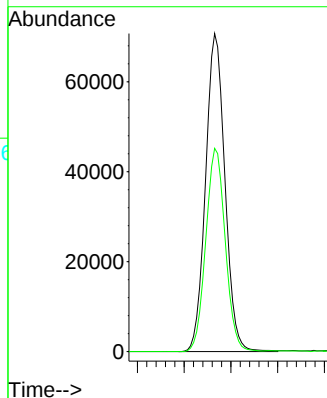
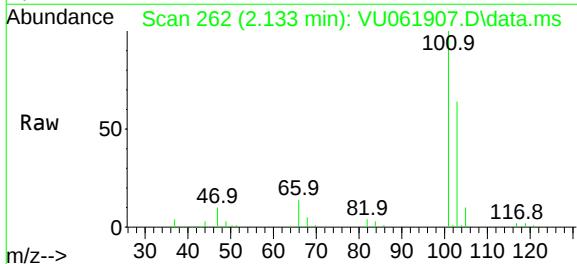
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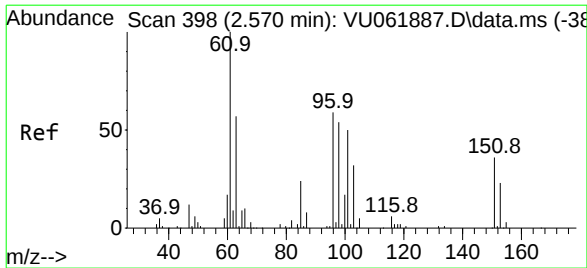
Tgt Ion: 64 Resp: 49590
Ion Ratio Lower Upper
64 100
66 29.3 23.2 43.2



#9
Trichlorofluoromethane
Concen: 4.938 ug/L
RT: 2.133 min Scan# 262
Delta R.T. 0.003 min
Lab File: VU061907.D
Acq: 21 Nov 2024 09:24

Tgt Ion: 101 Resp: 101765
Ion Ratio Lower Upper
101 100
103 64.3 50.6 75.8

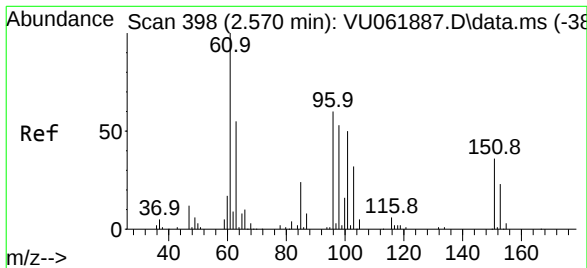
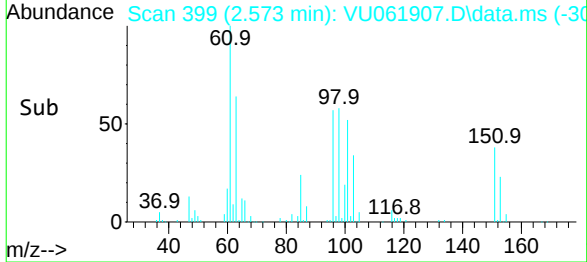
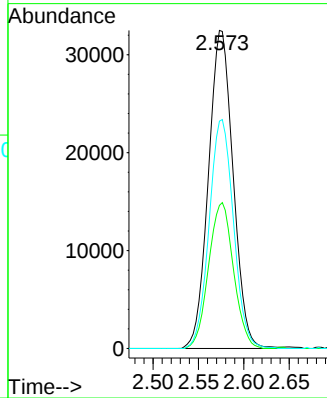
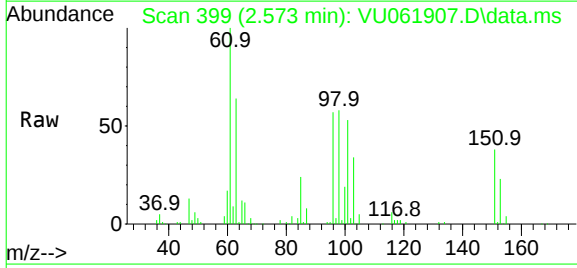




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 4.840 ug/L
RT: 2.573 min Scan# 399
Delta R.T. 0.003 min
Lab File: VU061907.D
Acq: 21 Nov 2024 09:24

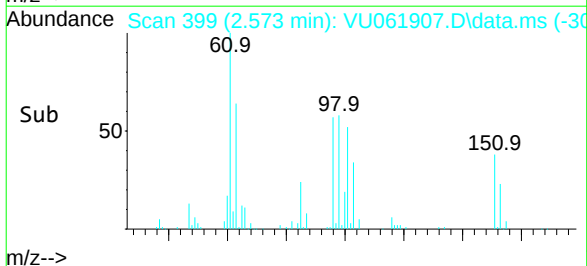
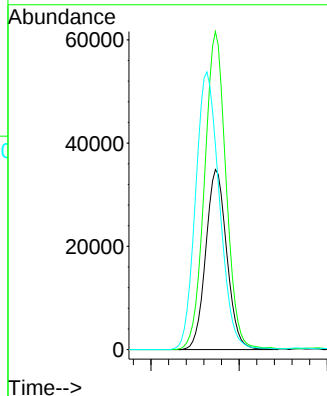
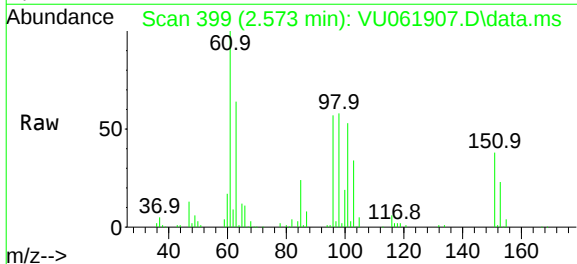
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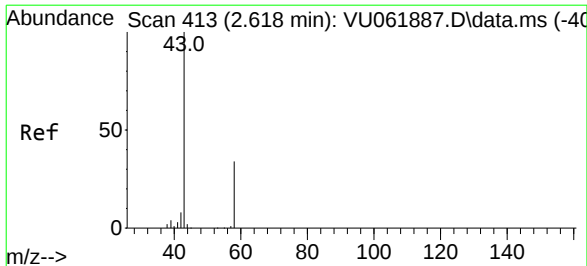
Tgt Ion:	101	Resp:	61380
Ion Ratio	Lower	Upper	
101	100		
85	46.3	38.0	57.0
151	71.2	55.3	82.9



#12
1,1-Dichloroethene
Concen: 4.906 ug/L
RT: 2.573 min Scan# 399
Delta R.T. 0.003 min
Lab File: VU061907.D
Acq: 21 Nov 2024 09:24

Tgt Ion:	96	Resp:	57858
Ion Ratio	Lower	Upper	
96	100		
61	176.7	119.6	222.2
63	113.7	65.0	120.6





#13

Acetone

Concen: 49.140 ug/L

RT: 2.621 min Scan# 41

Delta R.T. 0.003 min

Lab File: VU061907.D

Acq: 21 Nov 2024 09:24

Instrument :

MSVOA_U

ClientSampleId :

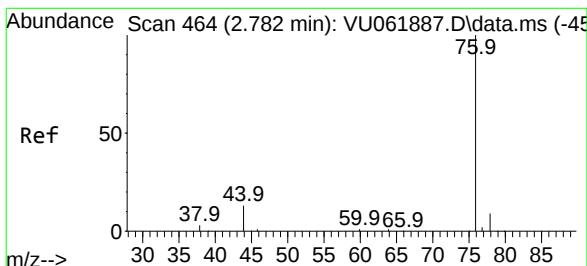
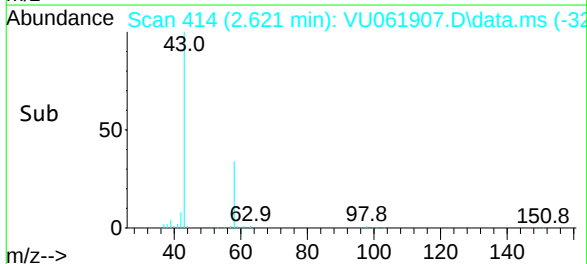
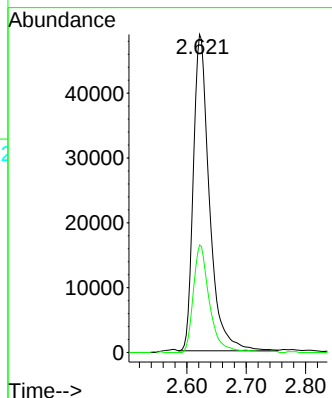
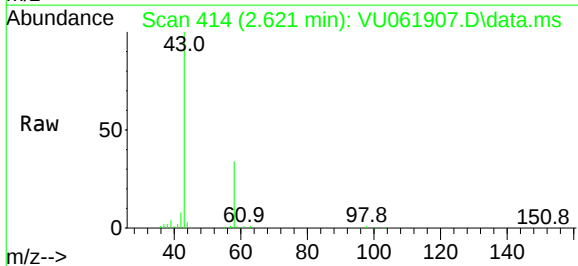
E2A01MS

Tgt Ion: 43 Resp: 91903

Ion Ratio Lower Upper

43 100

58 33.7 0.0 64.0



#14

Carbon disulfide

Concen: 4.690 ug/L

RT: 2.789 min Scan# 466

Delta R.T. 0.007 min

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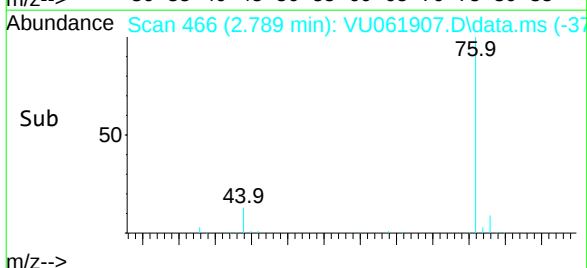
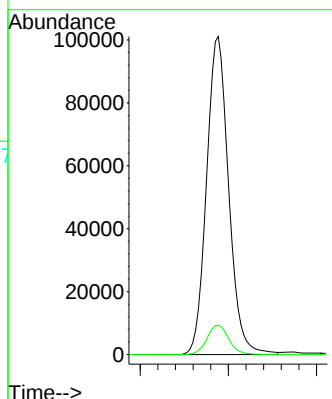
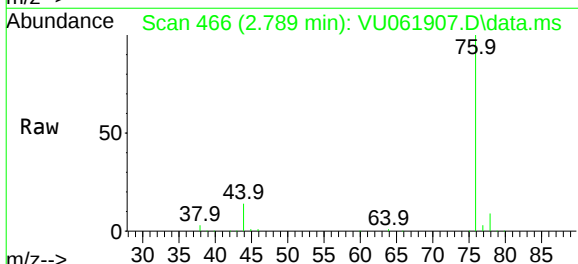
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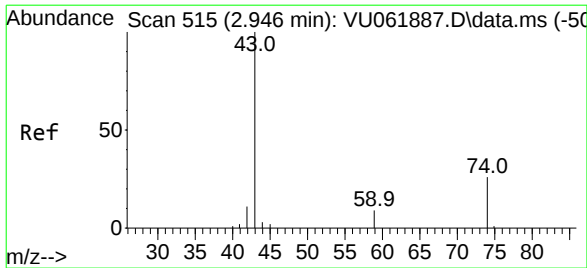
Tgt Ion: 76 Resp: 175952

Ion Ratio Lower Upper

76 100

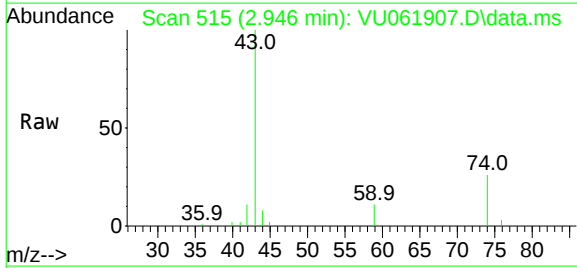
78 9.2 7.5 11.3



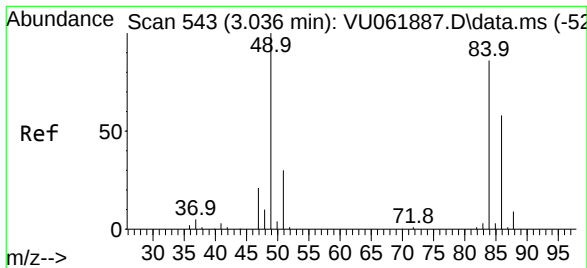
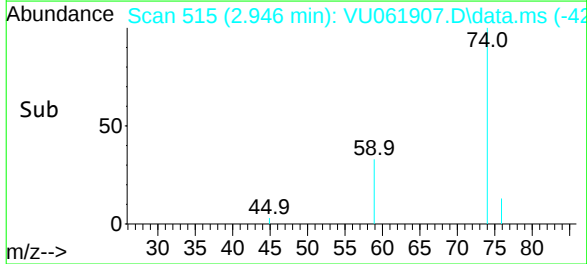
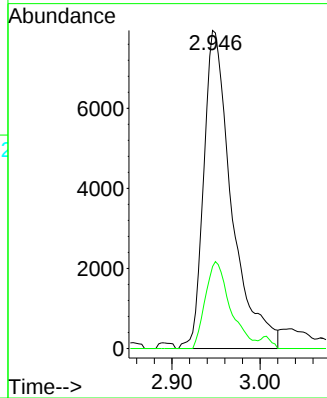


#15
Methyl Acetate
Concen: 3.648 ug/L
RT: 2.946 min Scan# 515
Delta R.T. 0.000 min
Lab File: VU061907.D
Acq: 21 Nov 2024 09:24

Instrument :
MSVOA_U
ClientSampleId :
E2A01MS

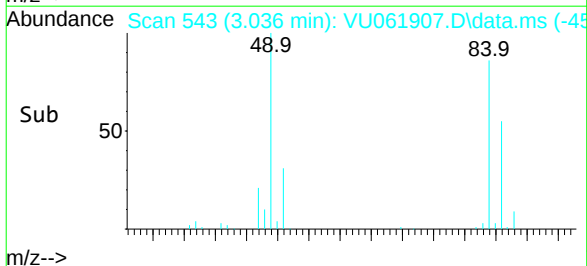
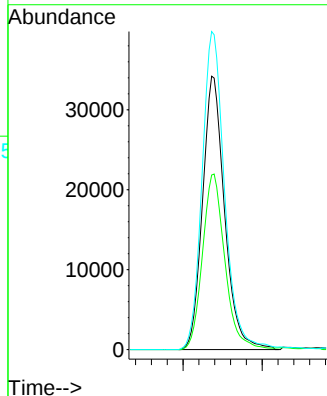
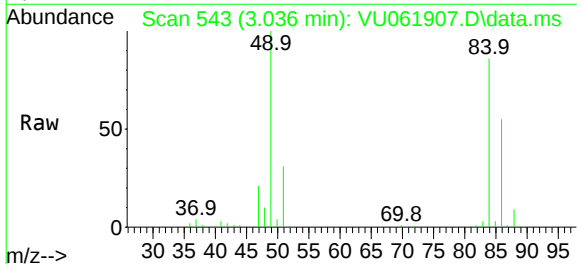


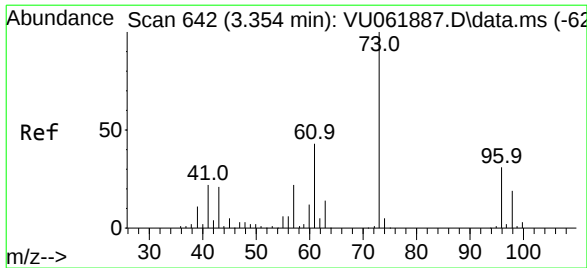
Tgt Ion: 43 Resp: 17519
Ion Ratio Lower Upper
43 100
74 24.6 19.4 29.2



#16
Methylene chloride
Concen: 4.676 ug/L
RT: 3.036 min Scan# 543
Delta R.T. 0.000 min
Lab File: VU061907.D
Acq: 21 Nov 2024 09:24

Tgt Ion: 84 Resp: 66210
Ion Ratio Lower Upper
84 100
86 63.9 43.5 80.7
49 116.4 81.9 152.1

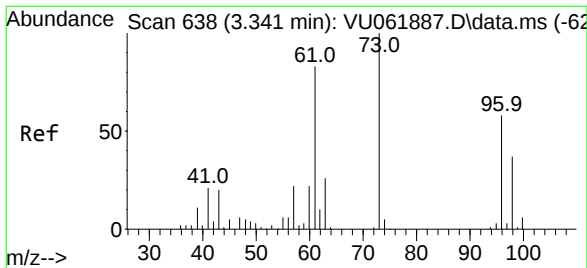
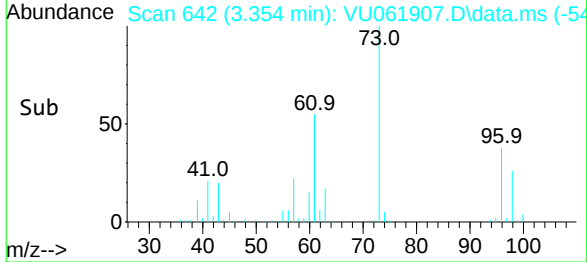
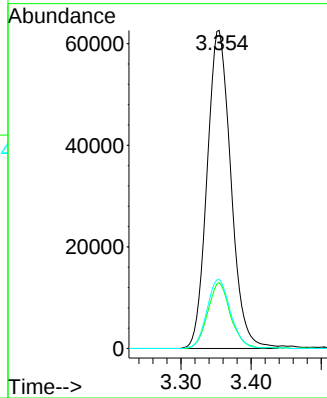
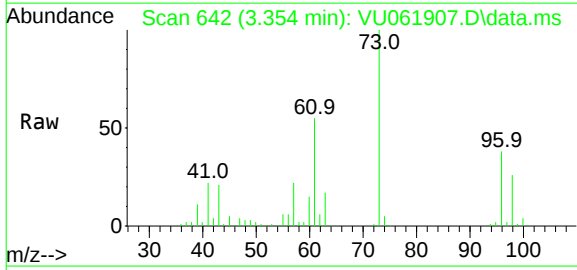




#17
Methyl tert-butyl Ether
Concen: 4.878 ug/L
RT: 3.354 min Scan# 642
Delta R.T. 0.000 min
Lab File: VU061907.D
Acq: 21 Nov 2024 09:24

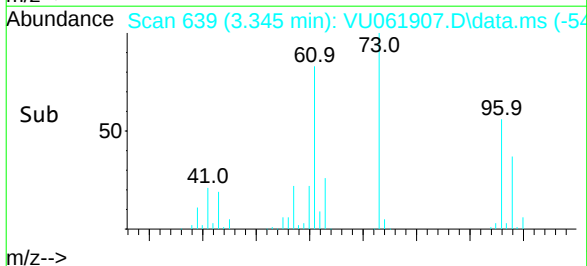
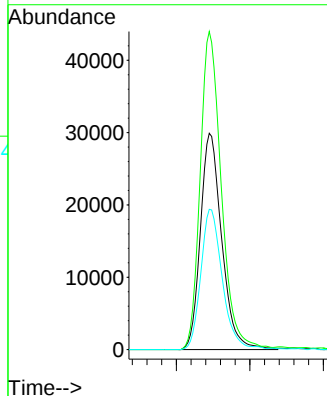
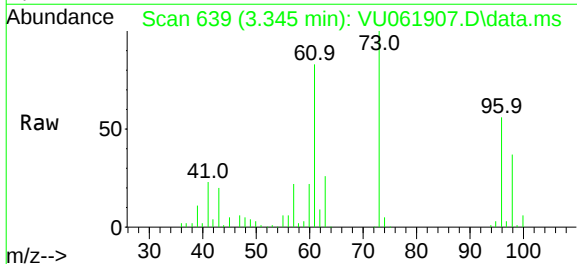
Instrument :
MSVOA_U
ClientSampleId :
E2A01MS

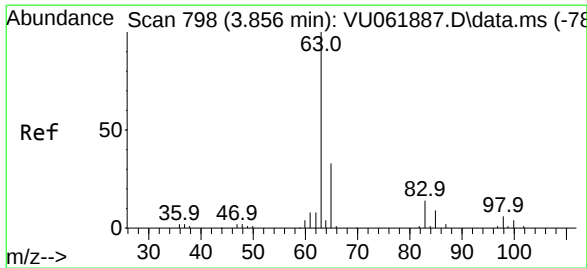
Tgt Ion: 73 Resp: 147436
Ion Ratio Lower Upper
73 100
43 19.9 16.3 24.5
57 21.5 17.1 25.7



#18
trans-1,2-Dichloroethene
Concen: 4.839 ug/L
RT: 3.345 min Scan# 639
Delta R.T. 0.003 min
Lab File: VU061907.D
Acq: 21 Nov 2024 09:24

Tgt Ion: 96 Resp: 60325
Ion Ratio Lower Upper
96 100
61 147.0 104.2 193.4
98 64.8 45.7 84.9

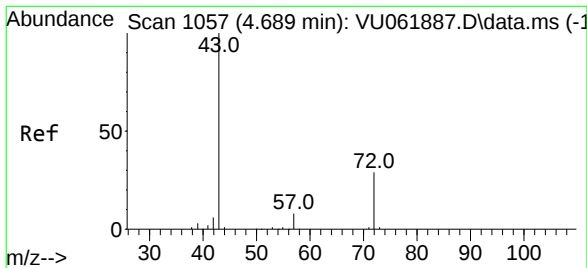
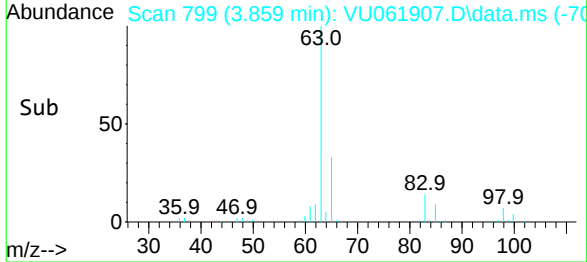
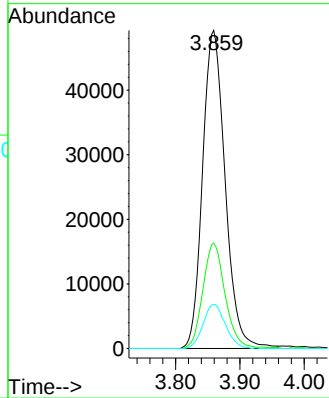
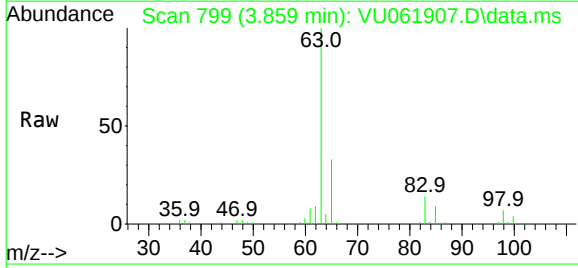




#19
1,1-Dichloroethane
Concen: 4.948 ug/L
RT: 3.859 min Scan# 798
Delta R.T. 0.003 min
Lab File: VU061907.D
Acq: 21 Nov 2024 09:24

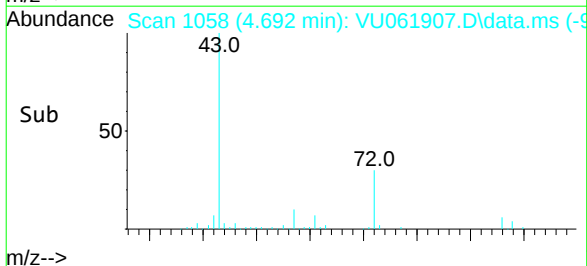
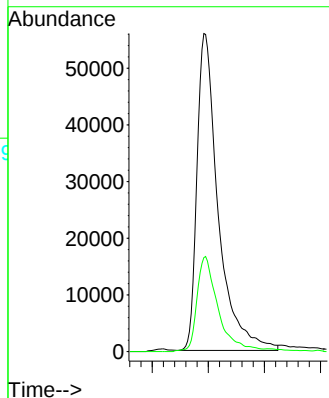
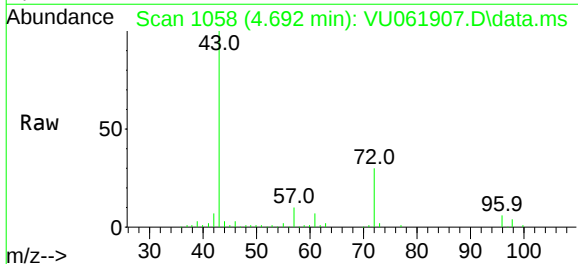
Instrument :
MSVOA_U
ClientSampleId :
E2A01MS

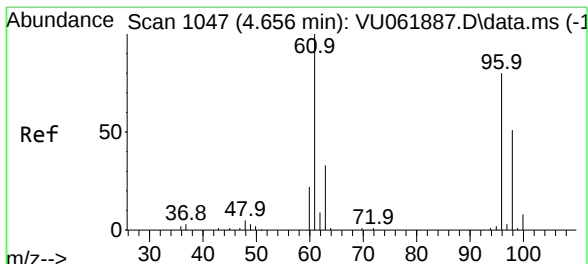
Tgt Ion: 63 Resp: 120175
Ion Ratio Lower Upper
63 100
65 33.2 22.7 42.3
83 13.9 9.9 18.3



#21
2-Butanone
Concen: 48.639 ug/L
RT: 4.692 min Scan# 1058
Delta R.T. 0.003 min
Lab File: VU061907.D
Acq: 21 Nov 2024 09:24

Tgt Ion: 43 Resp: 147017
Ion Ratio Lower Upper
43 100
72 29.8 14.8 44.4

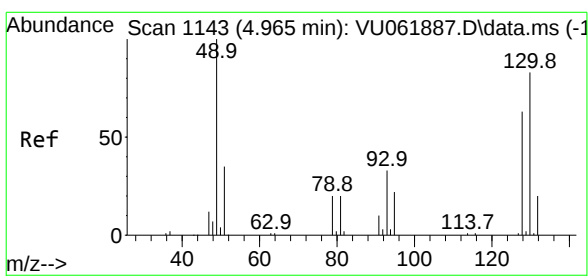
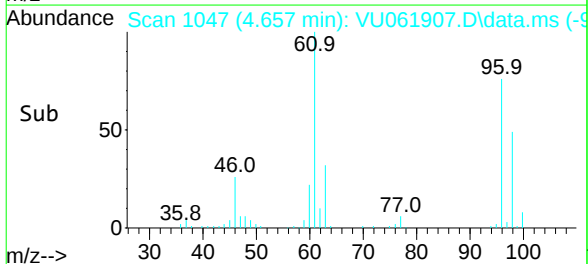
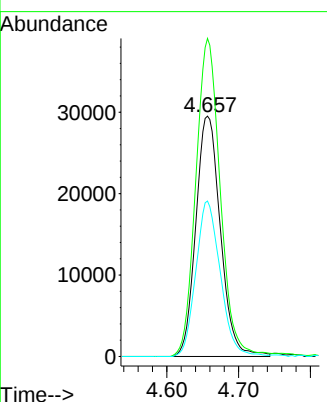
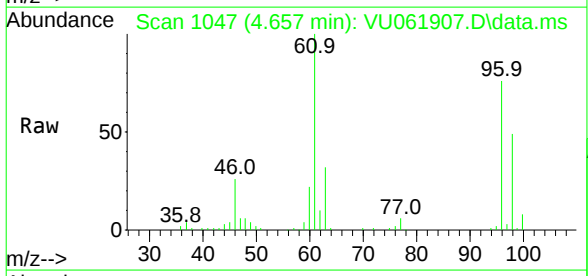




#22
 cis-1,2-Dichloroethene
 Concen: 5.008 ug/L
 RT: 4.657 min Scan# 1047
 Delta R.T. 0.000 min
 Lab File: VU061907.D
 Acq: 21 Nov 2024 09:24

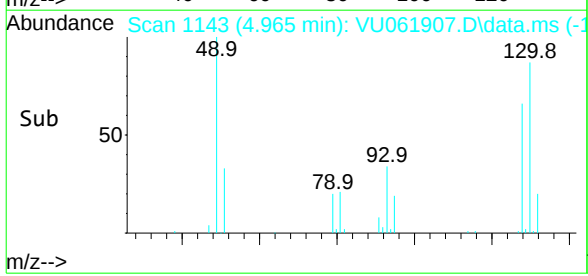
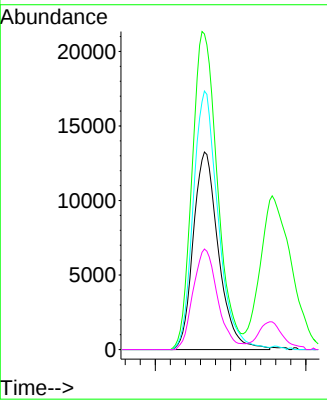
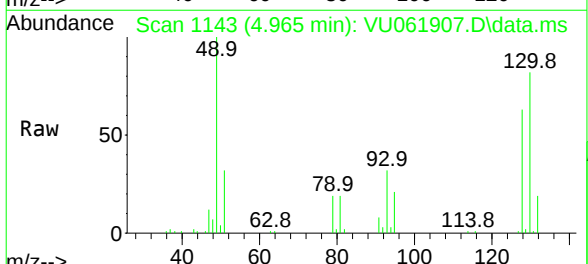
Instrument :
 MSVOA_U
 ClientSampleId :
 E2A01MS

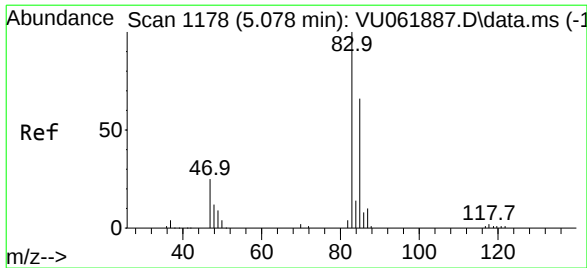
Tgt Ion:	96	Resp:	70262
Ion	Ratio	Lower	Upper
96	100		
61	132.3	92.0	170.8
98	64.7	44.5	82.7



#23
 Bromochloromethane
 Concen: 5.042 ug/L
 RT: 4.965 min Scan# 1143
 Delta R.T. 0.000 min
 Lab File: VU061907.D
 Acq: 21 Nov 2024 09:24

Tgt Ion:	128	Resp:	30754
Ion	Ratio	Lower	Upper
128	100		
49	159.8	115.3	214.1
130	130.9	92.0	170.8
51	50.9	44.7	67.1





#25

Chloroform

Concen: 4.963 ug/L

RT: 5.078 min Scan# 1178

Delta R.T. 0.000 min

Lab File: VU061907.D

Acq: 21 Nov 2024 09:24

Instrument :

MSVOA_U

ClientSampleId :

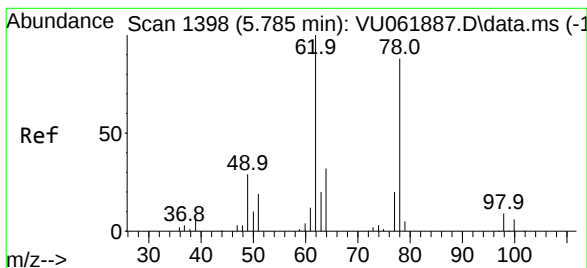
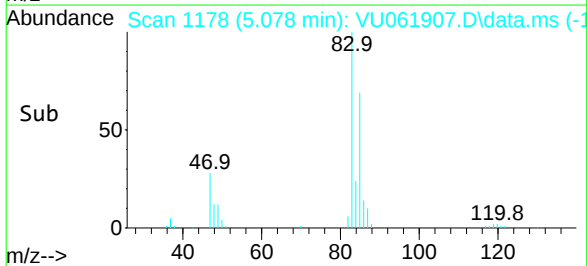
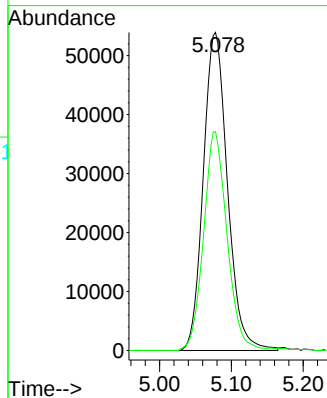
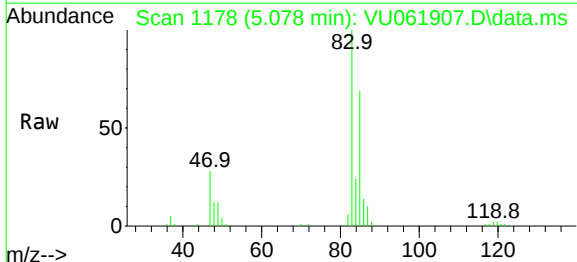
E2A01MS

Tgt Ion: 83 Resp: 126000

Ion Ratio Lower Upper

83 100

85 68.8 45.4 84.2



#27

1,2-Dichloroethane

Concen: 5.067 ug/L

RT: 5.785 min Scan# 1398

Delta R.T. 0.000 min

Lab File: VU061907.D

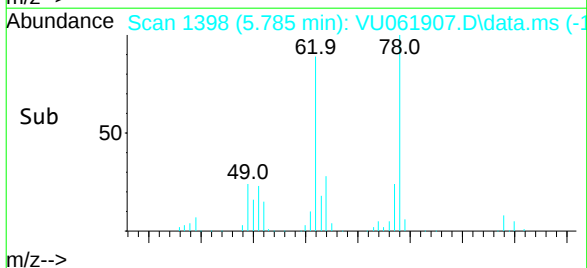
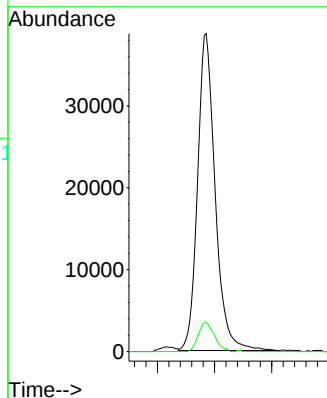
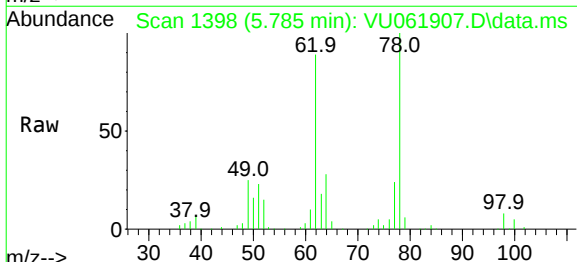
Acq: 21 Nov 2024 09:24

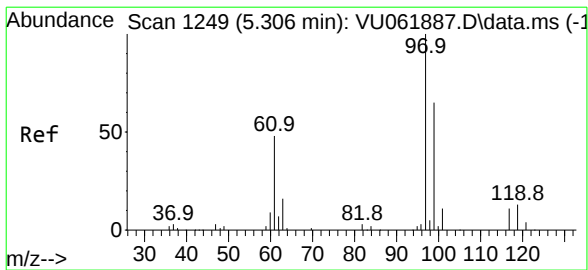
Tgt Ion: 62 Resp: 82750

Ion Ratio Lower Upper

62 100

98 9.1 7.4 11.0

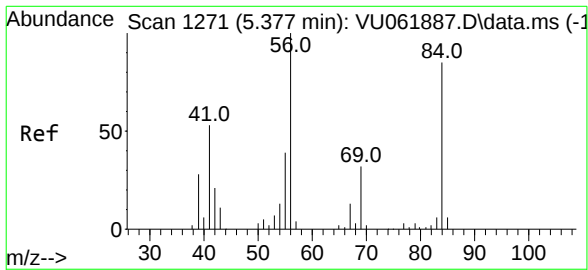
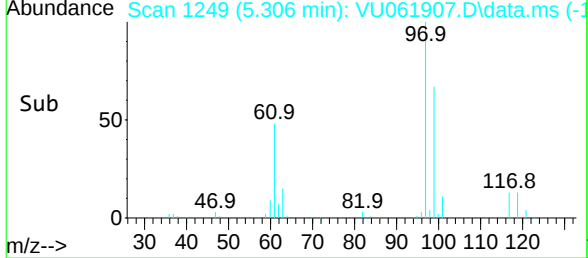
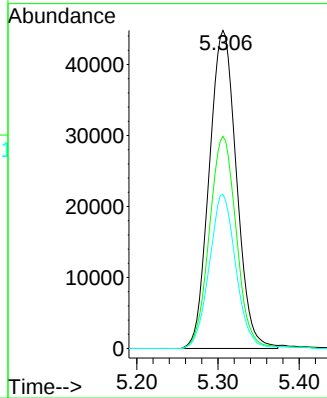
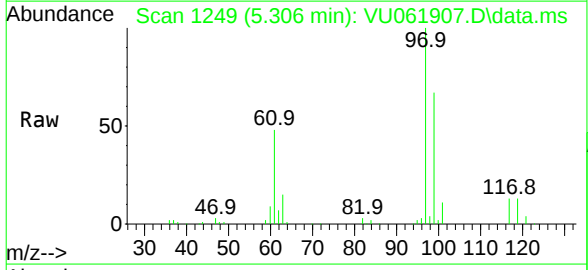




#29
1,1,1-Trichloroethane
Concen: 4.771 ug/L
RT: 5.306 min Scan# 1249
Delta R.T. 0.000 min
Lab File: VU061907.D
Acq: 21 Nov 2024 09:24

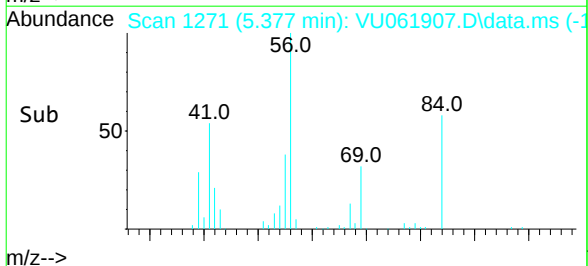
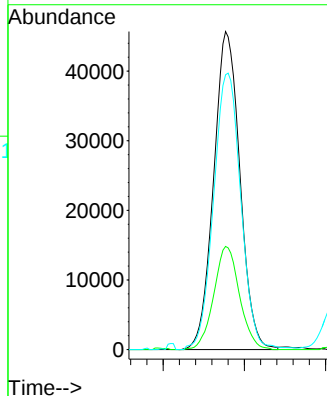
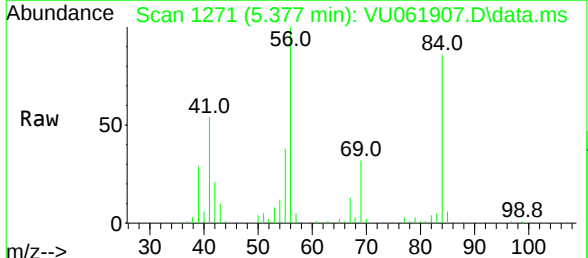
Instrument :
MSVOA_U
ClientSampleId :
E2A01MS

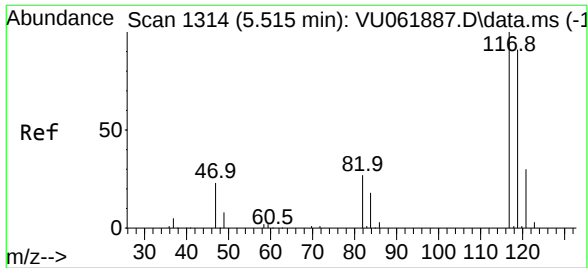
Tgt Ion: 97 Resp: 104347
Ion Ratio Lower Upper
97 100
99 66.0 51.4 77.2
61 47.1 37.8 56.6



#30
Cyclohexane
Concen: 4.482 ug/L
RT: 5.377 min Scan# 1271
Delta R.T. 0.000 min
Lab File: VU061907.D
Acq: 21 Nov 2024 09:24

Tgt Ion: 56 Resp: 102522
Ion Ratio Lower Upper
56 100
69 31.8 25.1 37.7
84 90.4 70.6 105.8

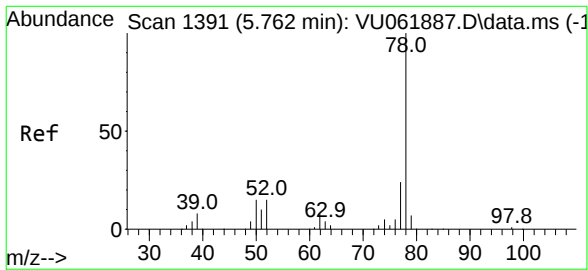
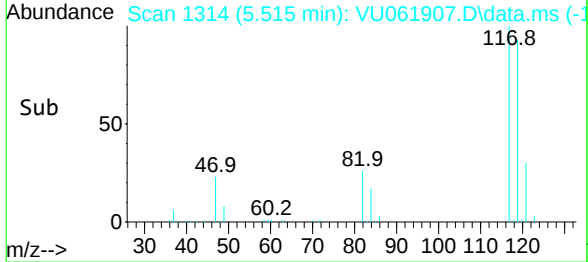
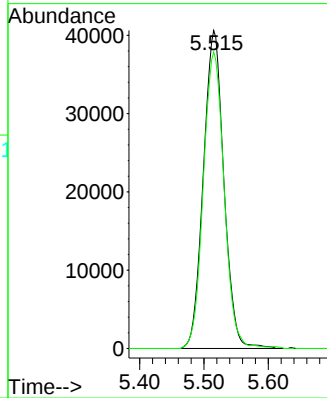
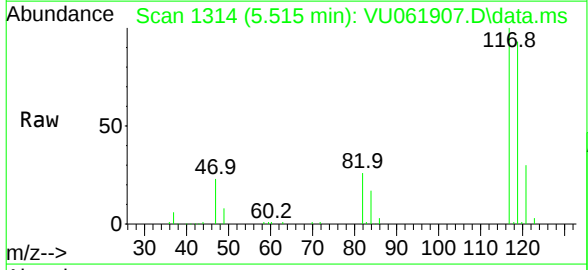




#31
Carbon tetrachloride
Concen: 4.844 ug/L
RT: 5.515 min Scan# 1314
Delta R.T. 0.000 min
Lab File: VU061907.D
Acq: 21 Nov 2024 09:24

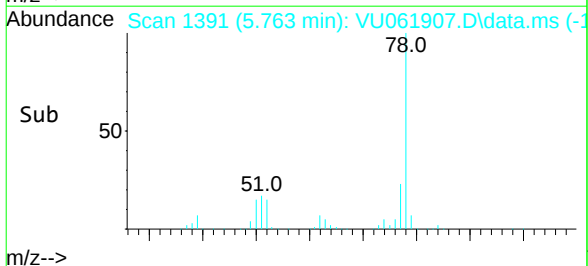
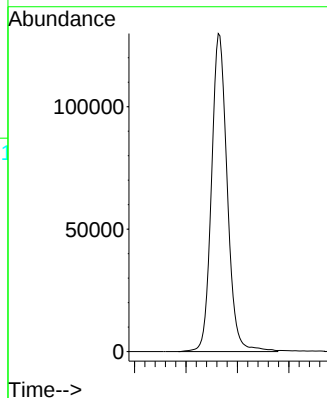
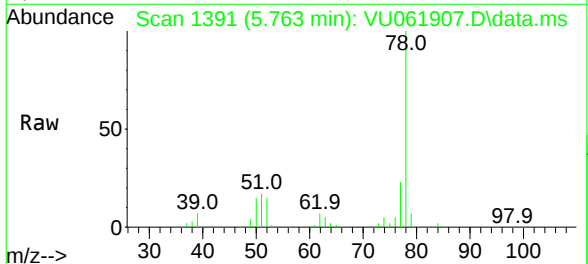
Instrument :
MSVOA_U
ClientSampleId :
E2A01MS

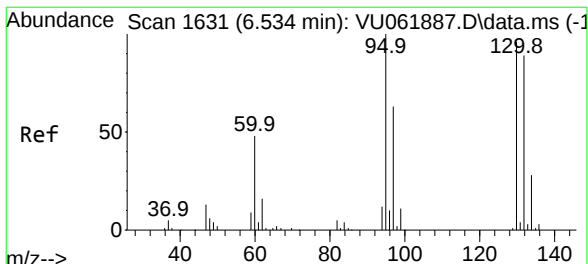
Tgt Ion:117 Resp: 89944
Ion Ratio Lower Upper
117 100
119 93.9 77.5 116.3



#33
Benzene
Concen: 4.822 ug/L
RT: 5.763 min Scan# 1391
Delta R.T. 0.000 min
Lab File: VU061907.D
Acq: 21 Nov 2024 09:24

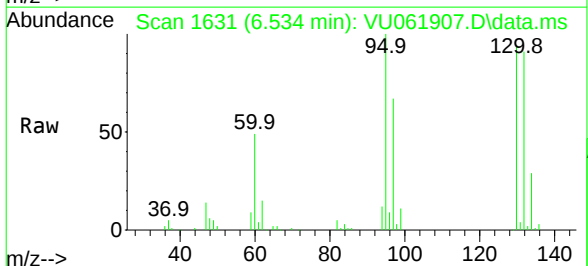
Tgt Ion: 78 Resp: 276294



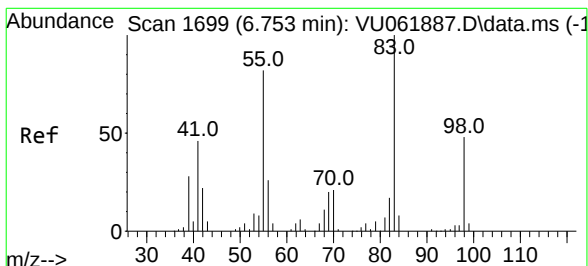
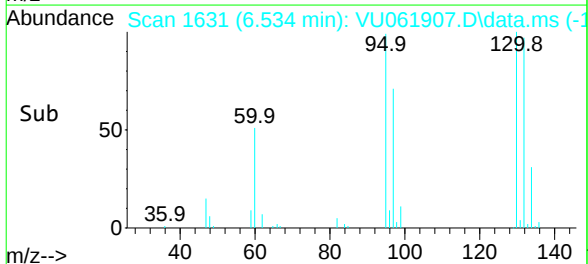
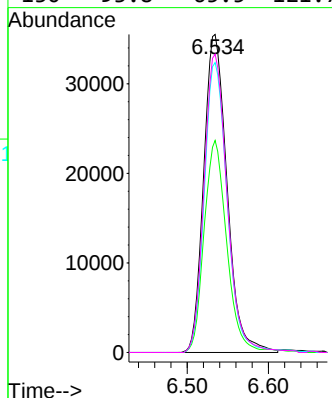


#34
 Trichloroethene
 Concen: 4.642 ug/L
 RT: 6.534 min Scan# 1631
 Delta R.T. 0.000 min
 Lab File: VU061907.D
 Acq: 21 Nov 2024 09:24

Instrument : MSVOA_U
 ClientSampleId : E2A01MS

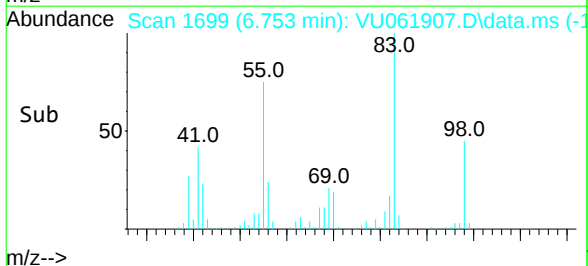
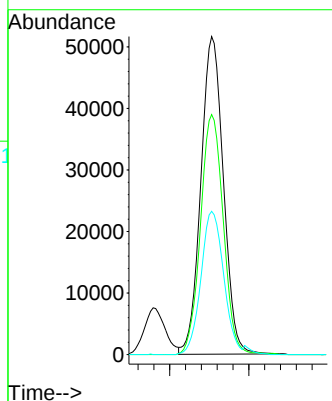
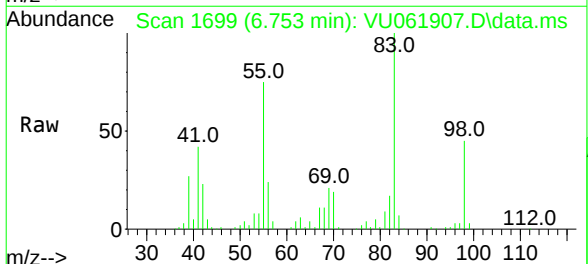


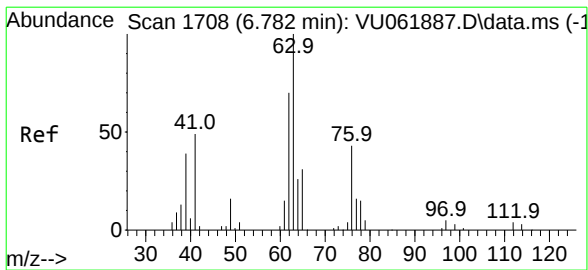
Tgt Ion:	95	Resp:	70996
Ion	Ratio	Lower	Upper
95	100		
97	66.7	45.9	85.3
132	91.1	63.8	118.4
130	93.8	65.5	121.7



#35
 Methylcyclohexane
 Concen: 4.365 ug/L
 RT: 6.753 min Scan# 1699
 Delta R.T. 0.000 min
 Lab File: VU061907.D
 Acq: 21 Nov 2024 09:24

Tgt Ion:	83	Resp:	102121
Ion	Ratio	Lower	Upper
83	100		
55	76.3	60.7	91.1
98	45.4	34.8	52.2

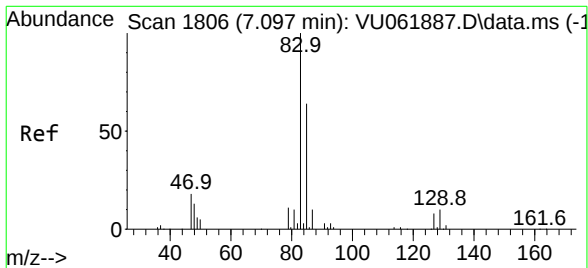
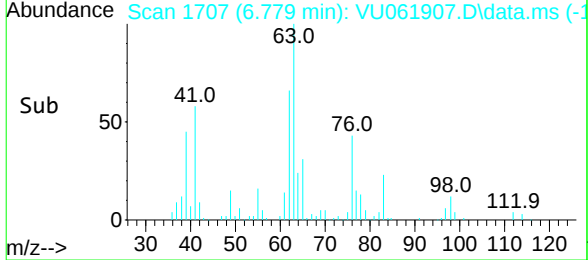
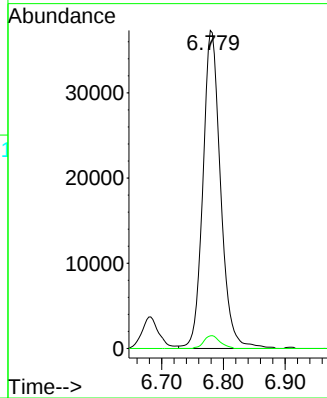
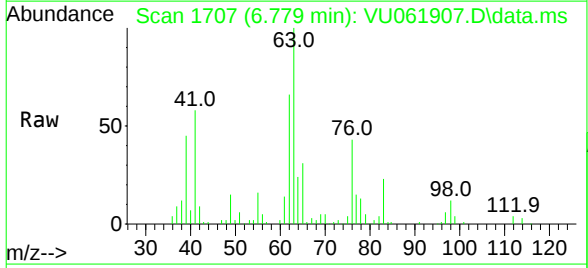




#37
1,2-Dichloropropane
Concen: 4.991 ug/L
RT: 6.779 min Scan# 1707
Delta R.T. -0.003 min
Lab File: VU061907.D
Acq: 21 Nov 2024 09:24

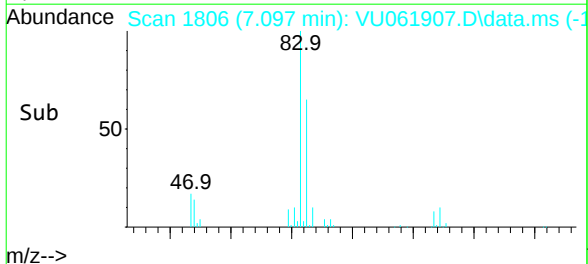
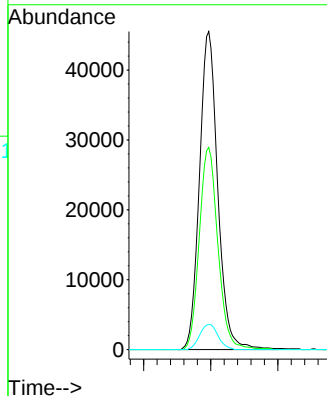
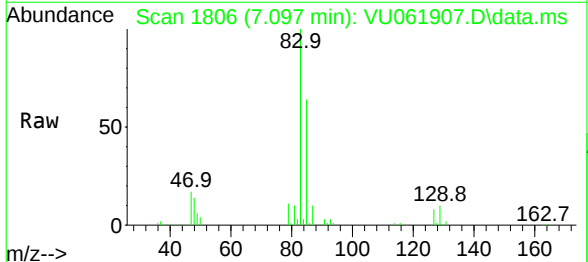
Instrument :
MSVOA_U
ClientSampleId :
E2A01MS

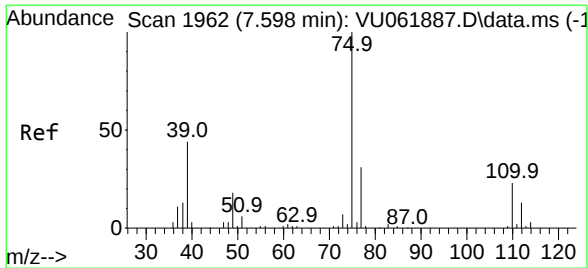
Tgt Ion: 63 Resp: 74293
Ion Ratio Lower Upper
63 100
112 3.7 3.4 5.0



#38
Bromodichloromethane
Concen: 4.777 ug/L
RT: 7.097 min Scan# 1806
Delta R.T. 0.000 min
Lab File: VU061907.D
Acq: 21 Nov 2024 09:24

Tgt Ion: 83 Resp: 86246
Ion Ratio Lower Upper
83 100
85 63.5 44.1 81.9
127 7.9 6.9 10.3

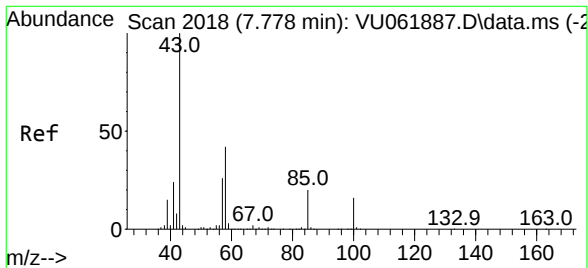
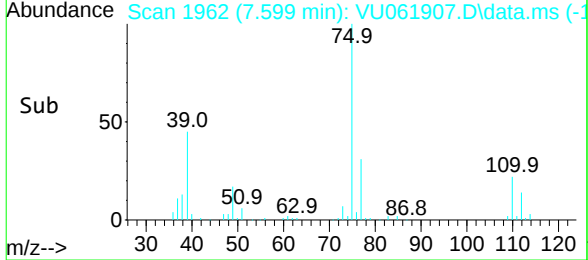
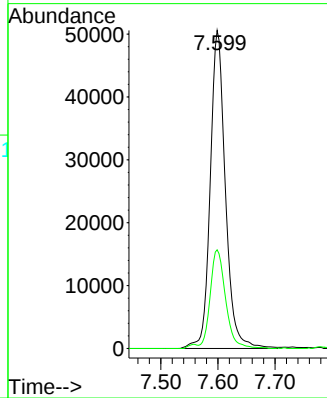
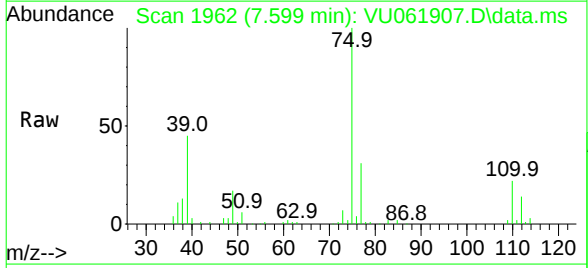




#39
 cis-1,3-Dichloropropene
 Concen: 4.479 ug/L
 RT: 7.599 min Scan# 1962
 Delta R.T. 0.000 min
 Lab File: VU061907.D
 Acq: 21 Nov 2024 09:24

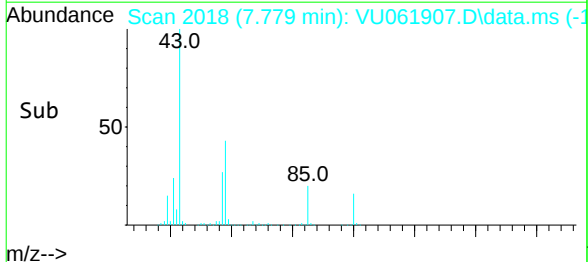
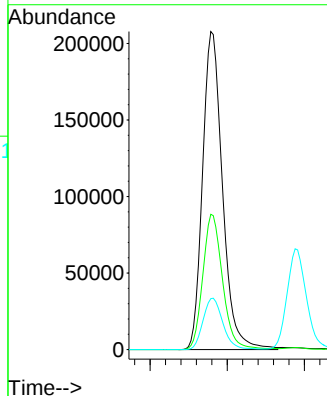
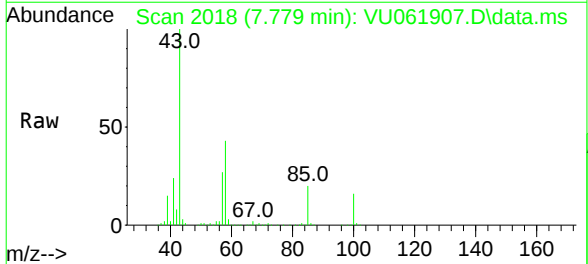
Instrument :
 MSVOA_U
 ClientSampleId :
 E2A01MS

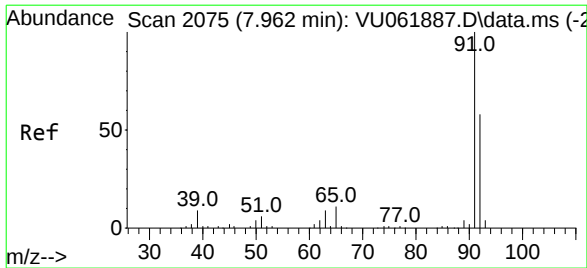
Tgt Ion: 75 Resp: 93489
 Ion Ratio Lower Upper
 75 100
 77 31.0 22.3 41.3



#40
 4-Methyl-2-pentanone
 Concen: 46.438 ug/L
 RT: 7.779 min Scan# 2018
 Delta R.T. 0.000 min
 Lab File: VU061907.D
 Acq: 21 Nov 2024 09:24

Tgt Ion: 43 Resp: 372998
 Ion Ratio Lower Upper
 43 100
 58 42.2 33.3 49.9
 100 16.1 12.4 18.6





#42

Toluene

Concen: 4.825 ug/L

RT: 7.962 min Scan# 2075

Delta R.T. 0.000 min

Lab File: VU061907.D

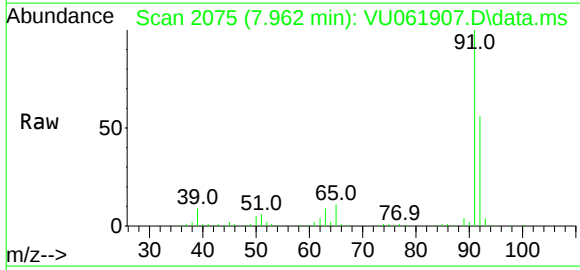
Acq: 21 Nov 2024 09:24

Instrument :

MSVOA_U

ClientSampleId :

E2A01MS

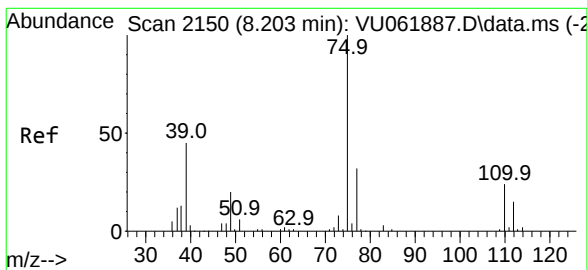
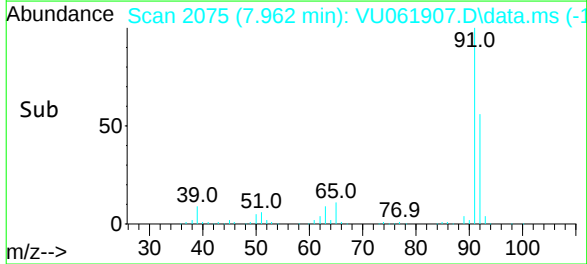
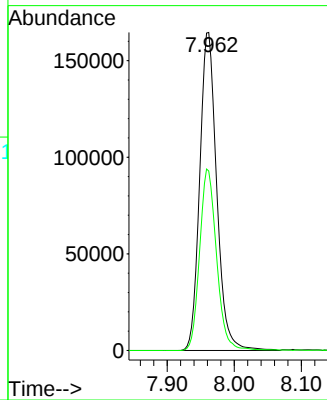


Tgt Ion: 91 Resp: 290160

Ion Ratio Lower Upper

91 100

92 56.4 39.0 72.4



#44

trans-1,3-Dichloropropene

Concen: 4.498 ug/L

RT: 8.203 min Scan# 2150

Delta R.T. 0.000 min

Lab File: VU061907.D

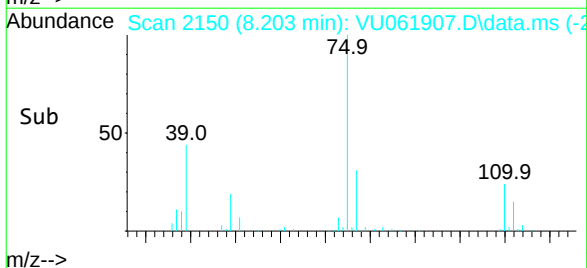
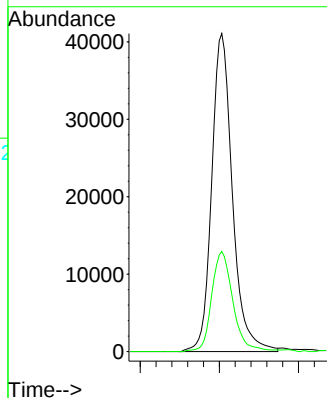
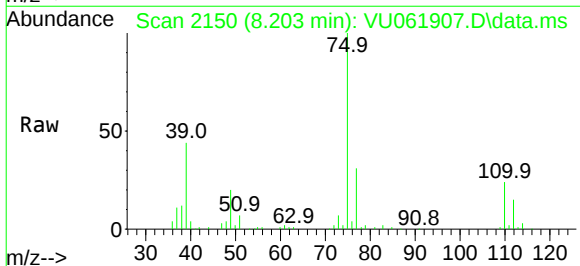
Acq: 21 Nov 2024 09:24

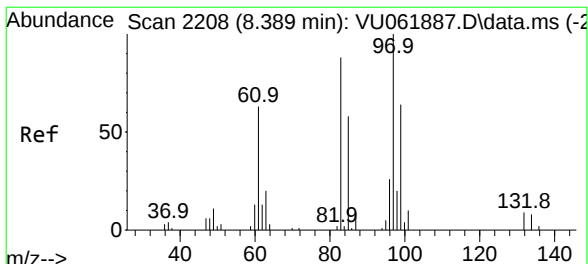
Tgt Ion: 75 Resp: 74566

Ion Ratio Lower Upper

75 100

77 31.5 21.8 40.4

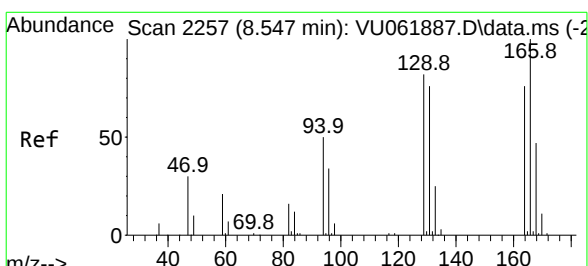
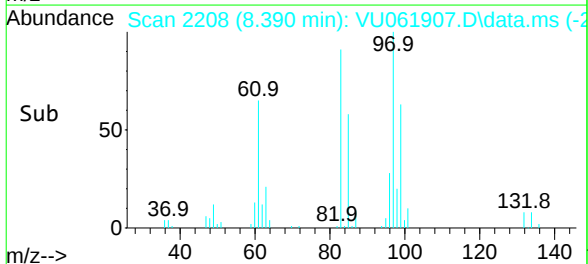
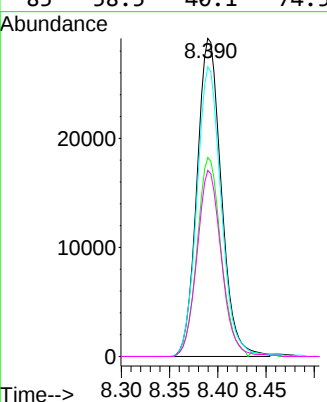
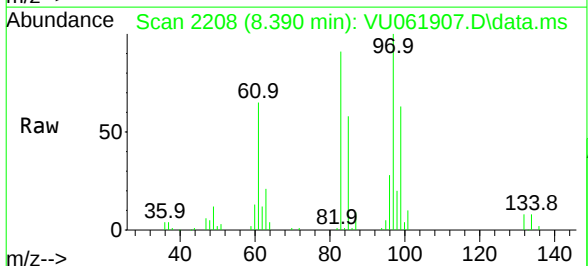




#45
1,1,2-Trichloroethane
Concen: 4.673 ug/L
RT: 8.390 min Scan# 2208
Delta R.T. 0.000 min
Lab File: VU061907.D
Acq: 21 Nov 2024 09:24

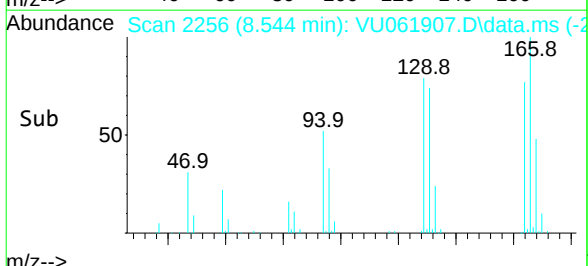
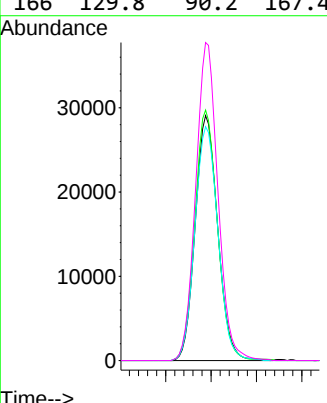
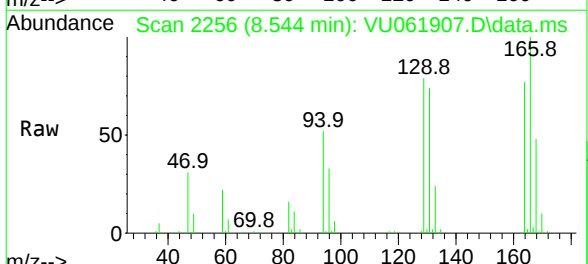
Instrument :
MSVOA_U
ClientSampleId :
E2A01MS

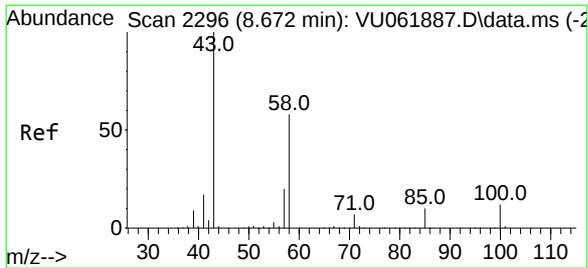
Tgt Ion:	97	Resp:	51253
Ion	Ratio	Lower	Upper
97	100		
99	62.5	43.0	79.8
83	91.1	61.7	114.5
85	58.5	40.1	74.5



#47
Tetrachloroethene
Concen: 4.498 ug/L
RT: 8.544 min Scan# 2256
Delta R.T. -0.003 min
Lab File: VU061907.D
Acq: 21 Nov 2024 09:24

Tgt Ion:	164	Resp:	50033
Ion	Ratio	Lower	Upper
164	100		
129	102.3	73.2	136.0
131	95.5	72.3	134.3
166	129.8	90.2	167.4

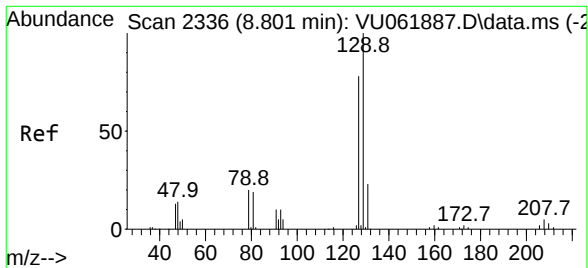
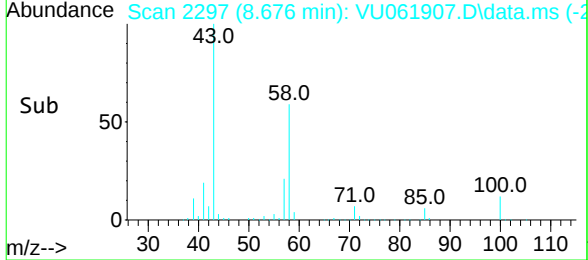
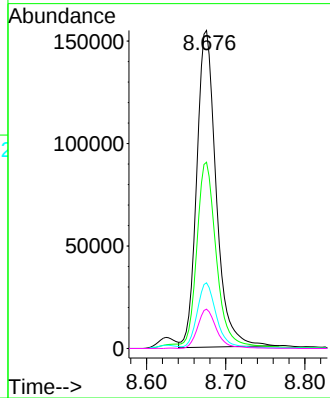
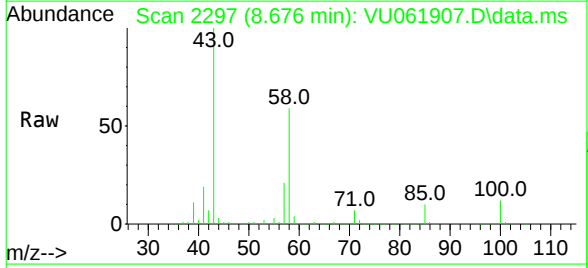




#48
2-Hexanone
Concen: 43.831 ug/L
RT: 8.676 min Scan# 2296
Delta R.T. 0.003 min
Lab File: VU061907.D
Acq: 21 Nov 2024 09:24

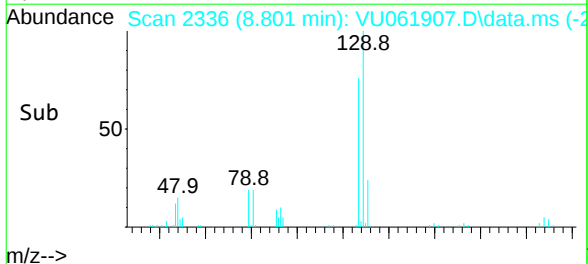
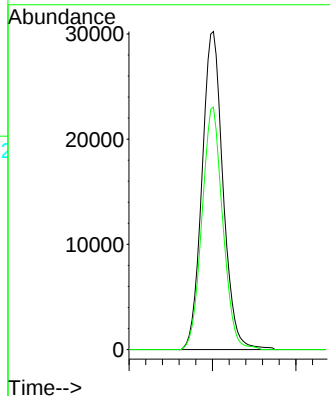
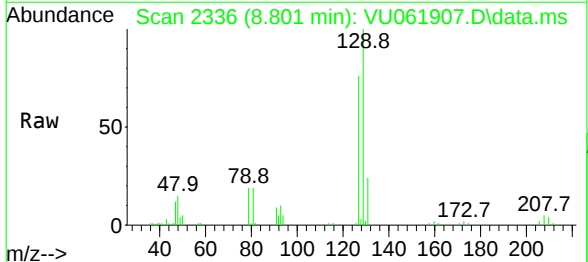
Instrument :
MSVOA_U
ClientSampleId :
E2A01MS

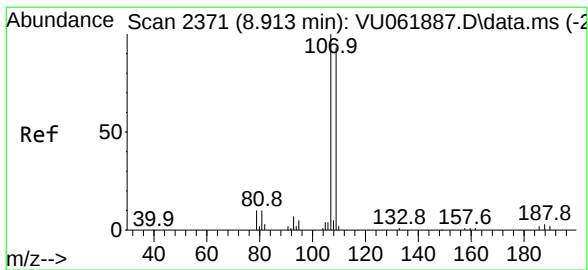
Tgt Ion:	43	Resp:	263660
Ion	Ratio	Lower	Upper
43	100		
58	61.9	47.5	71.3
57	20.6	15.6	23.4
100	12.3	9.2	13.8



#49
Dibromochloromethane
Concen: 4.565 ug/L
RT: 8.801 min Scan# 2336
Delta R.T. 0.000 min
Lab File: VU061907.D
Acq: 21 Nov 2024 09:24

Tgt Ion:	129	Resp:	52891
Ion	Ratio	Lower	Upper
129	100		
127	76.2	51.1	94.9





#50

1,2-Dibromoethane

Concen: 4.445 ug/L

RT: 8.914 min Scan# 2371

Delta R.T. 0.000 min

Lab File: VU061907.D

Acq: 21 Nov 2024 09:24

Instrument :

MSVOA_U

ClientSampleId :

E2A01MS

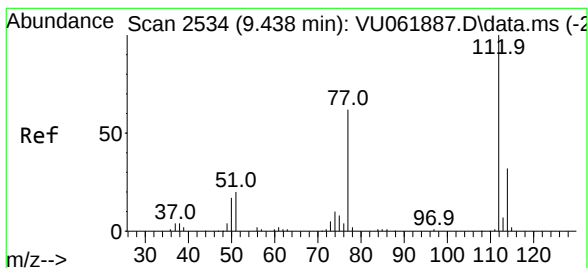
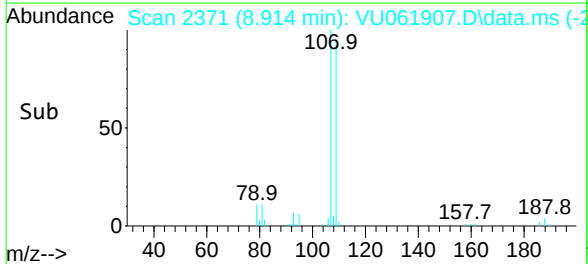
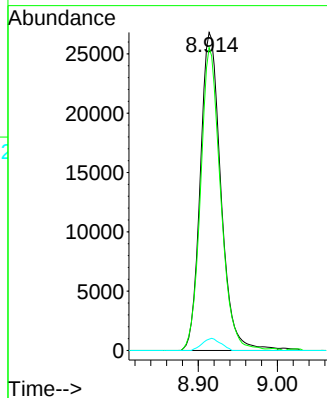
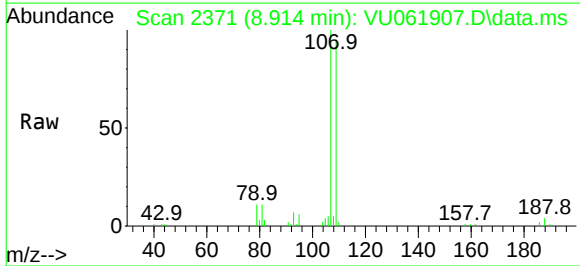
Tgt Ion:107 Resp: 48380

Ion Ratio Lower Upper

107 100

109 95.2 66.8 124.2

188 3.6 2.3 3.5#



#51

Chlorobenzene

Concen: 4.934 ug/L

RT: 9.438 min Scan# 2534

Delta R.T. 0.000 min

Lab File: VU061907.D

Acq: 21 Nov 2024 09:24

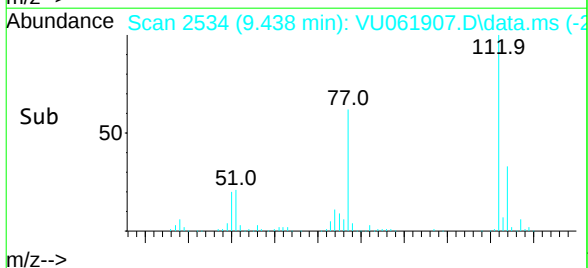
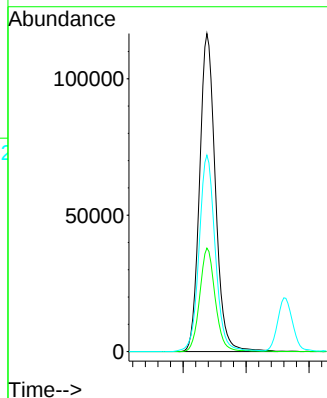
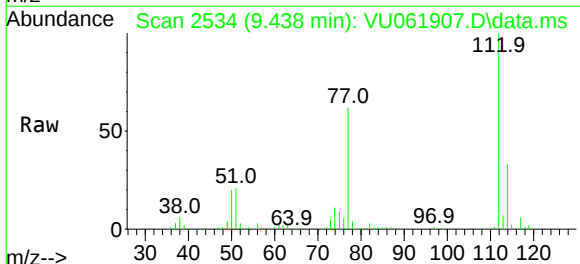
Tgt Ion:112 Resp: 203213

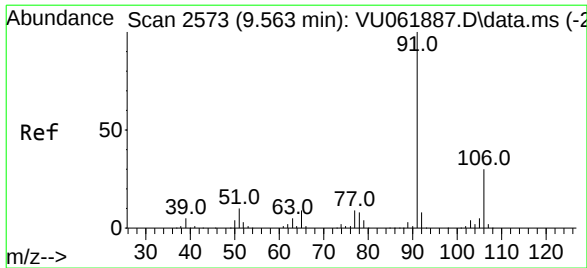
Ion Ratio Lower Upper

112 100

114 32.5 23.0 42.6

77 61.8 50.5 75.7

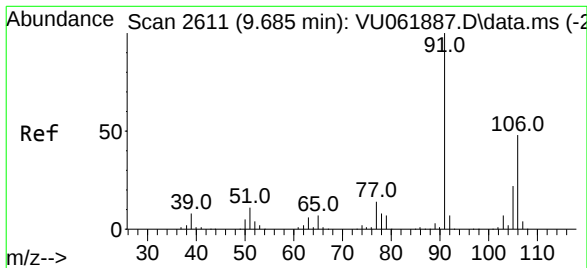
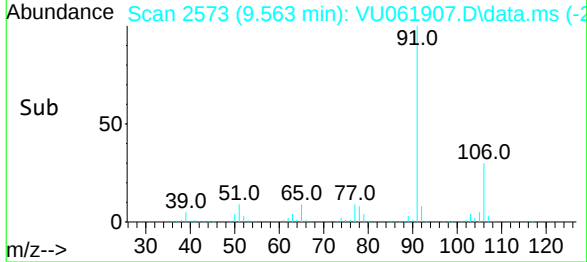
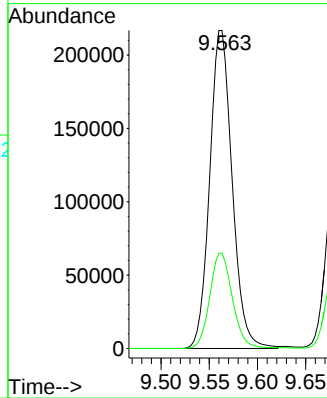
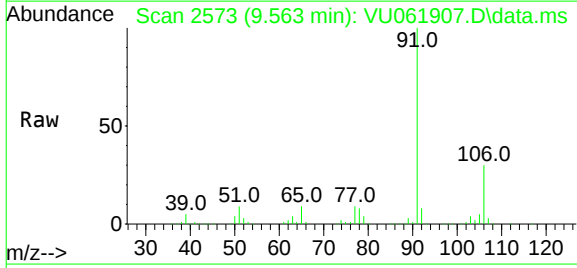




#52
Ethylbenzene
Concen: 4.872 ug/L
RT: 9.563 min Scan# 2573
Delta R.T. 0.000 min
Lab File: VU061907.D
Acq: 21 Nov 2024 09:24

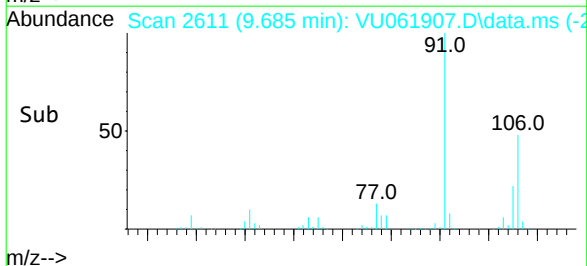
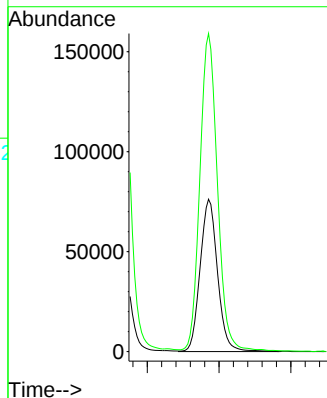
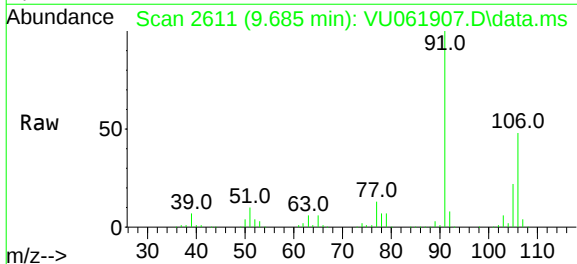
Instrument :
MSVOA_U
ClientSampleId :
E2A01MS

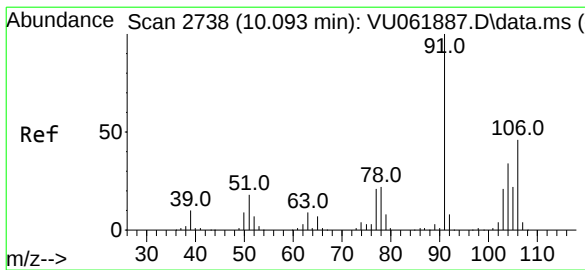
Tgt Ion: 91 Resp: 350609
Ion Ratio Lower Upper
91 100
106 29.9 21.6 40.0



#53
m,p-Xylene
Concen: 5.058 ug/L
RT: 9.685 min Scan# 2611
Delta R.T. 0.000 min
Lab File: VU061907.D
Acq: 21 Nov 2024 09:24

Tgt Ion: 106 Resp: 128438
Ion Ratio Lower Upper
106 100
91 208.7 147.6 274.0





#54

o-Xylene

Concen: 4.284 ug/L

RT: 10.090 min Scan# 2738

Delta R.T. -0.003 min

Lab File: VU061907.D

Acq: 21 Nov 2024 09:24

Instrument :

MSVOA_U

ClientSampleId :

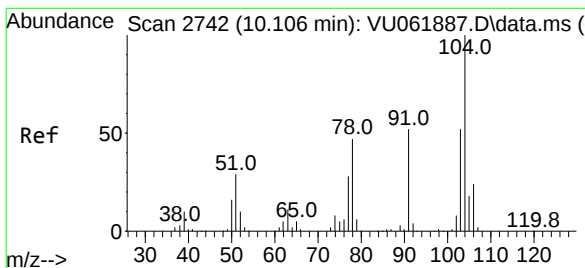
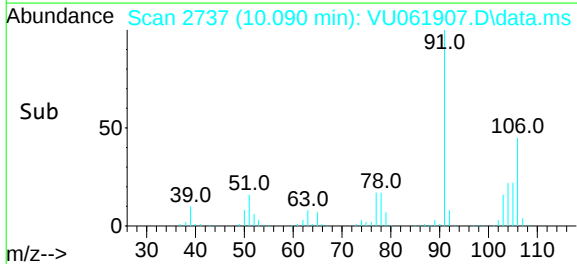
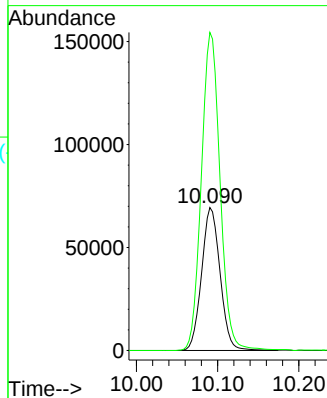
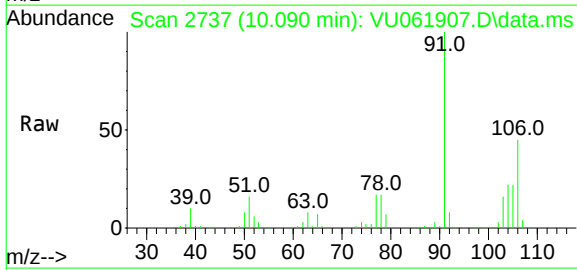
E2A01MS

Tgt Ion:106 Resp: 109785

Ion Ratio Lower Upper

106 100

91 222.5 159.8 296.8



#55

Styrene

Concen: 4.253 ug/L

RT: 10.107 min Scan# 2742

Delta R.T. 0.000 min

Lab File: VU061907.D

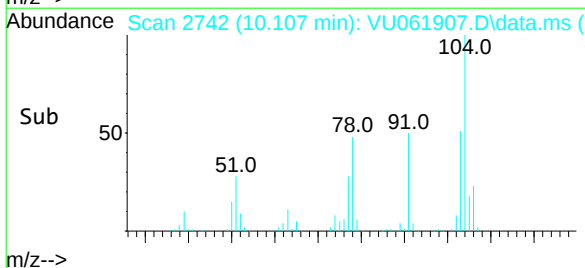
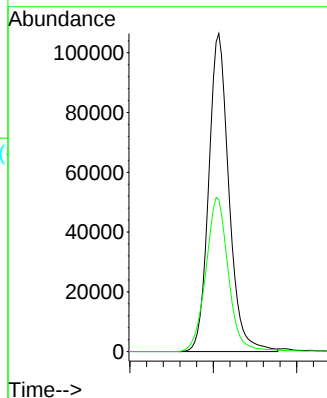
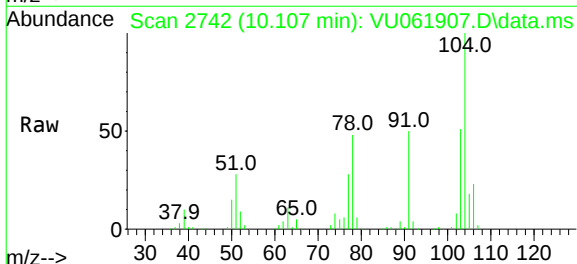
Acq: 21 Nov 2024 09:24

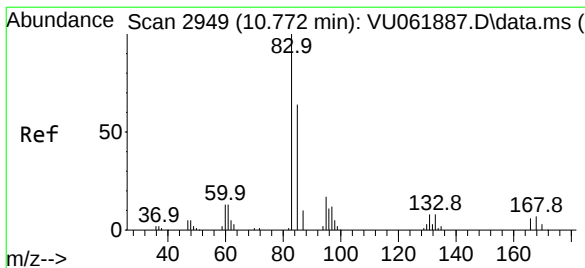
Tgt Ion:104 Resp: 179599

Ion Ratio Lower Upper

104 100

78 47.8 33.2 61.7





#57

1,1,2,2-Tetrachloroethane

Concen: 4.390 ug/L

RT: 10.772 min Scan# 2949

Delta R.T. 0.000 min

Lab File: VU061907.D

Acq: 21 Nov 2024 09:24

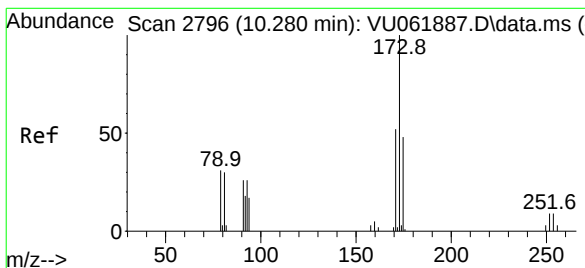
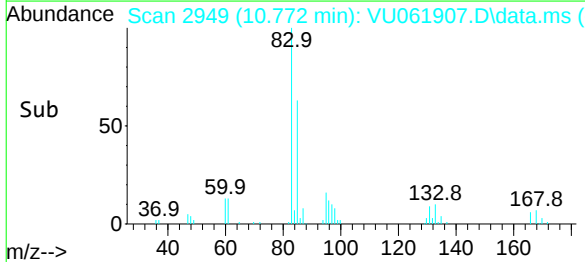
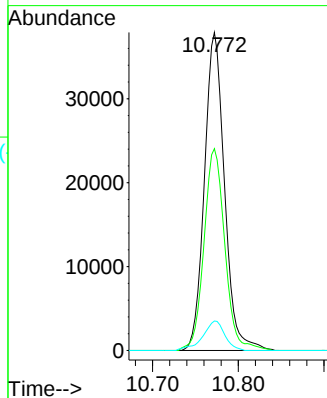
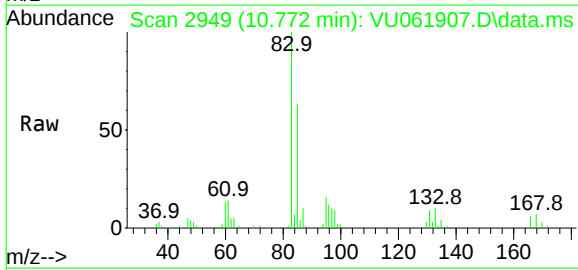
Instrument :

MSVOA_U

ClientSampleId :

E2A01MS

Tgt Ion:	83	Resp:	61699
Ion	Ratio	Lower	Upper
83	100		
85	63.5	44.4	82.4
131	9.3	7.3	10.9



#59

Bromoform

Concen: 4.500 ug/L

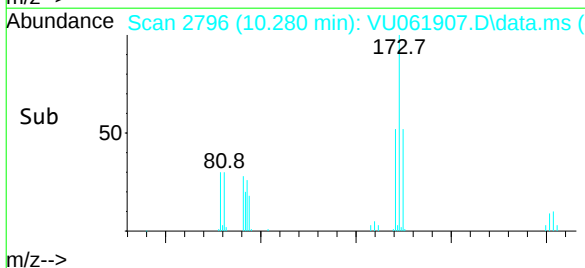
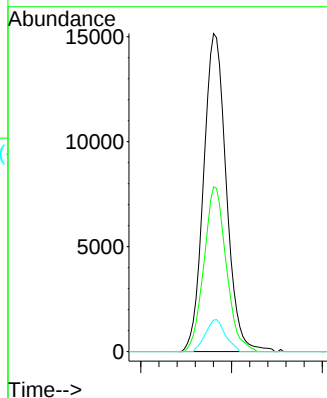
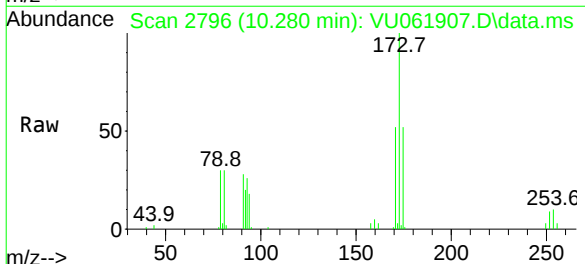
RT: 10.280 min Scan# 2796

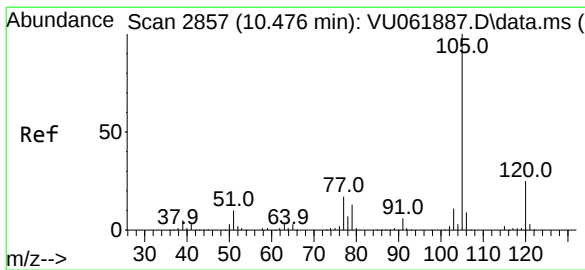
Delta R.T. 0.000 min

Lab File: VU061907.D

Acq: 21 Nov 2024 09:24

Tgt Ion:	173	Resp:	26324
Ion	Ratio	Lower	Upper
173	100		
175	50.9	39.0	58.4
254	8.8	7.4	11.0





#60

Isopropylbenzene

Concen: 4.773 ug/L

RT: 10.476 min Scan# 2857

Delta R.T. 0.000 min

Lab File: VU061907.D

Acq: 21 Nov 2024 09:24

Instrument :

MSVOA_U

ClientSampleId :

E2A01MS

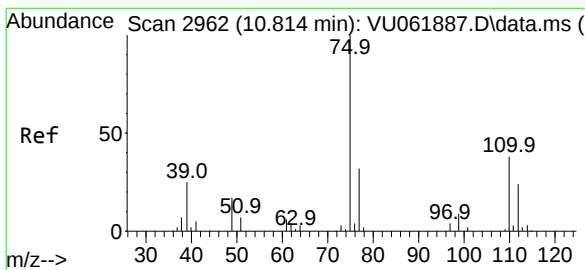
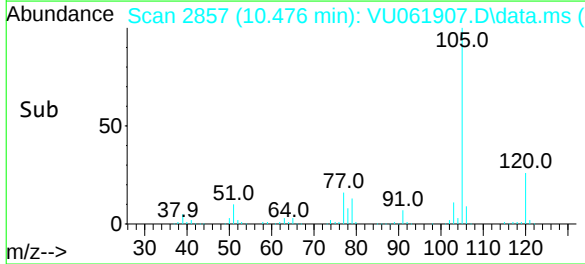
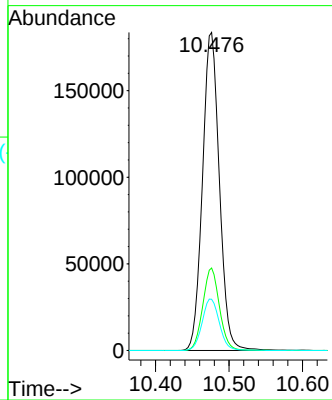
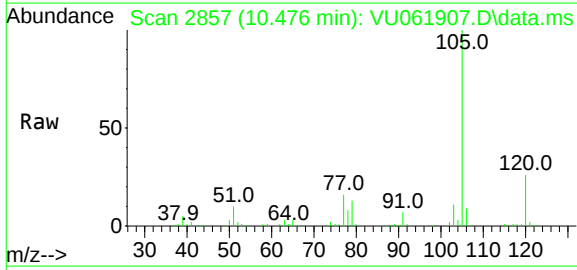
Tgt Ion:105 Resp: 292838

Ion Ratio Lower Upper

105 100

120 25.6 20.6 31.0

77 16.6 13.0 19.6



#61

1,2,3-Trichloropropane

Concen: 4.659 ug/L

RT: 10.814 min Scan# 2962

Delta R.T. 0.000 min

Lab File: VU061907.D

Acq: 21 Nov 2024 09:24

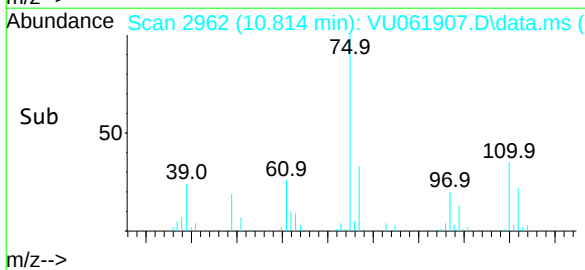
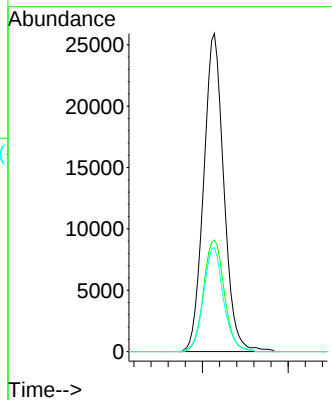
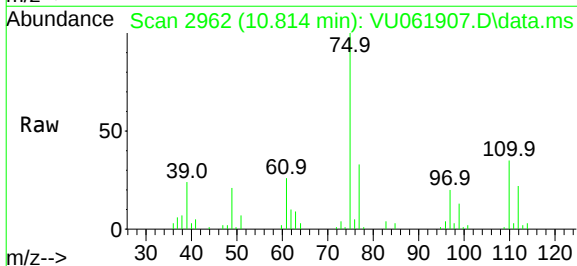
Tgt Ion: 75 Resp: 42384

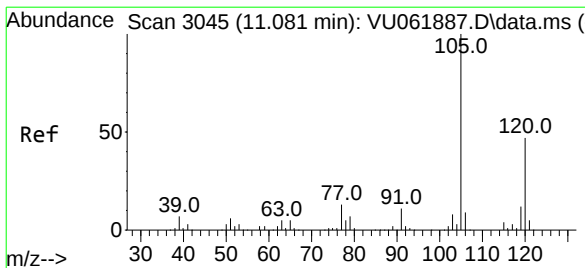
Ion Ratio Lower Upper

75 100

110 35.8 28.9 43.3

77 32.7 26.5 39.7





#62

1,3,5-Trimethylbenzene

Concen: 4.654 ug/L

RT: 11.078 min Scan# 3045

Delta R.T. -0.003 min

Lab File: VU061907.D

Acq: 21 Nov 2024 09:24

Instrument :

MSVOA_U

ClientSampleId :

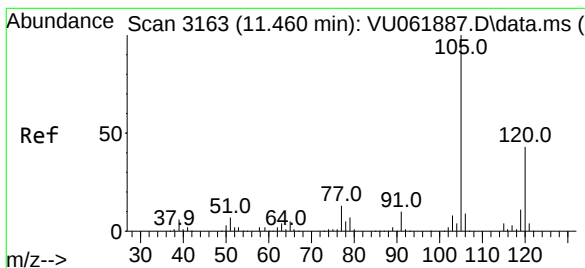
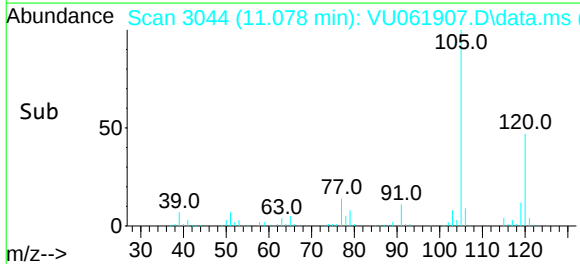
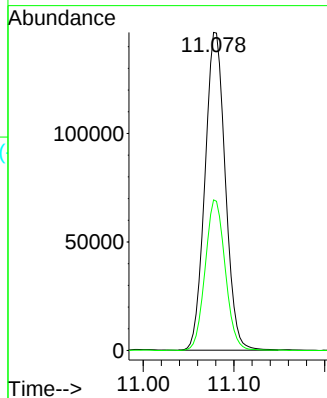
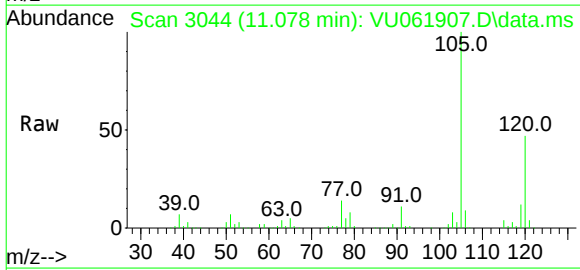
E2A01MS

Tgt Ion:105 Resp: 227789

Ion Ratio Lower Upper

105 100

120 46.9 36.7 55.1



#63

1,2,4-Trimethylbenzene

Concen: 4.663 ug/L

RT: 11.460 min Scan# 3163

Delta R.T. 0.000 min

Lab File: VU061907.D

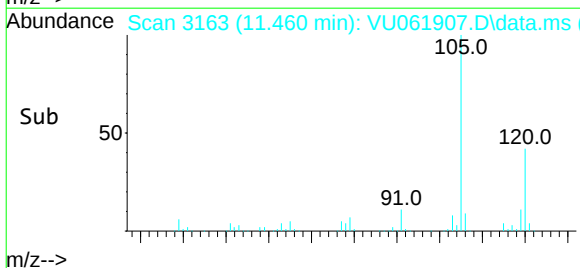
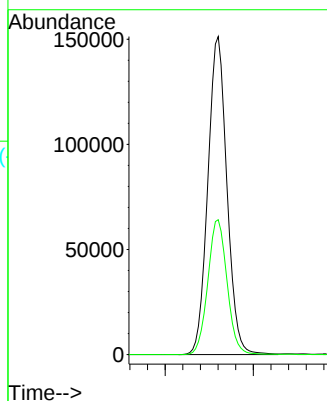
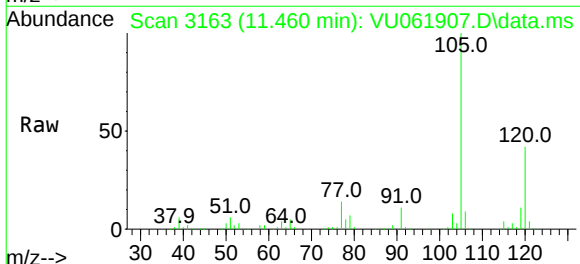
Acq: 21 Nov 2024 09:24

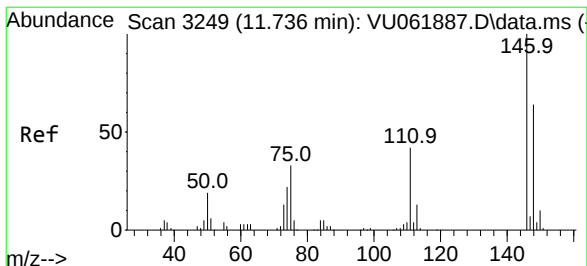
Tgt Ion:105 Resp: 227549

Ion Ratio Lower Upper

105 100

120 42.8 34.7 52.1





#64

1,3-Dichlorobenzene

Concen: 4.711 ug/L

RT: 11.737 min Scan# 3249

Delta R.T. 0.000 min

Lab File: VU061907.D

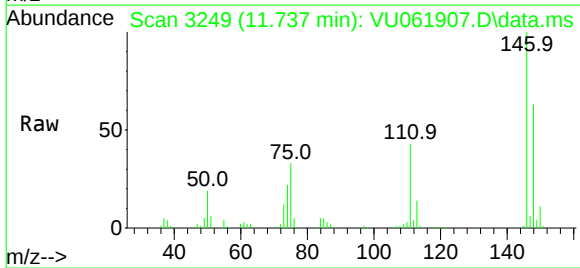
Acq: 21 Nov 2024 09:24

Instrument :

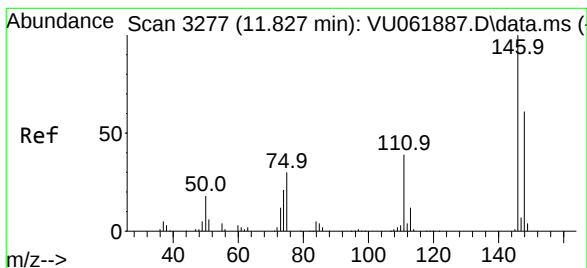
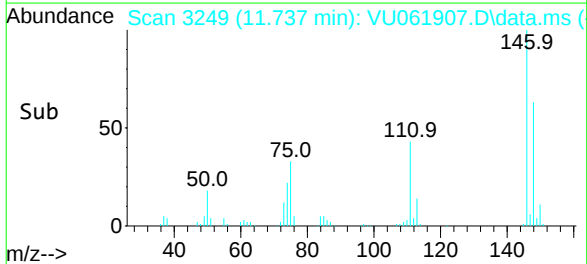
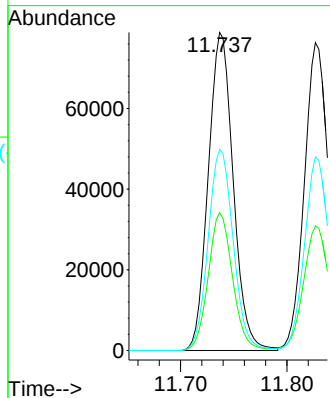
MSVOA_U

ClientSampleId :

E2A01MS



Tgt Ion:	146	Resp:	128332
Ion	Ratio	Lower	Upper
146	100		
111	43.3	30.7	57.1
148	63.3	45.1	83.7



#65

1,4-Dichlorobenzene

Concen: 4.745 ug/L

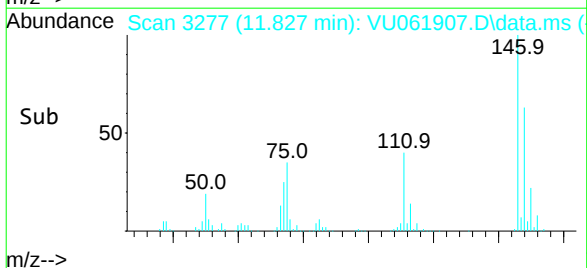
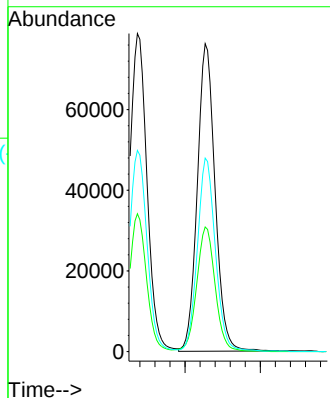
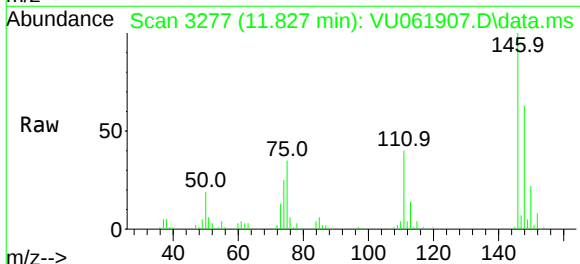
RT: 11.827 min Scan# 3277

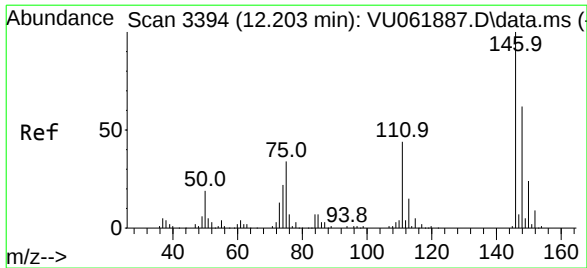
Delta R.T. 0.000 min

Lab File: VU061907.D

Acq: 21 Nov 2024 09:24

Tgt Ion:	146	Resp:	125095
Ion	Ratio	Lower	Upper
146	100		
111	40.5	29.3	54.3
148	62.9	44.6	82.8





#67

1,2-Dichlorobenzene

Concen: 5.081 ug/L

RT: 12.203 min Scan# 3394

Delta R.T. 0.000 min

Lab File: VU061907.D

Acq: 21 Nov 2024 09:24

Instrument :

MSVOA_U

ClientSampleId :

E2A01MS

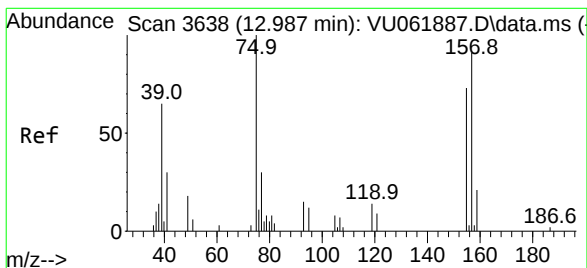
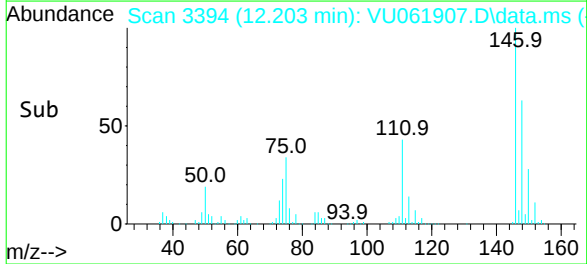
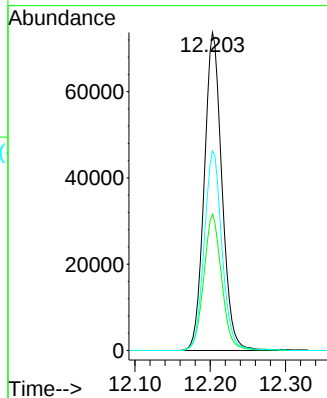
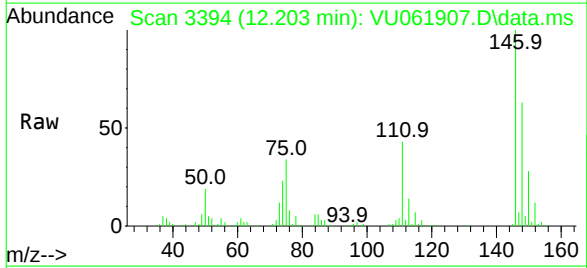
Tgt Ion:146 Resp: 120364

Ion Ratio Lower Upper

146 100

111 42.9 36.0 54.0

148 62.8 52.3 78.5



#68

1,2-Dibromo-3-chloropropane

Concen: 6.394 ug/L

RT: 12.987 min Scan# 3638

Delta R.T. 0.000 min

Lab File: VU061907.D

Acq: 21 Nov 2024 09:24

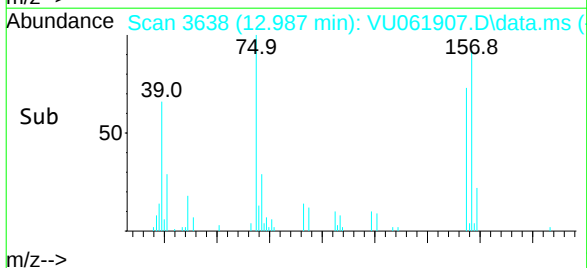
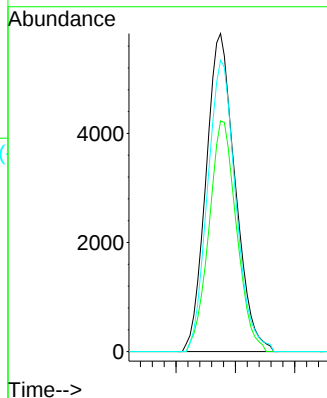
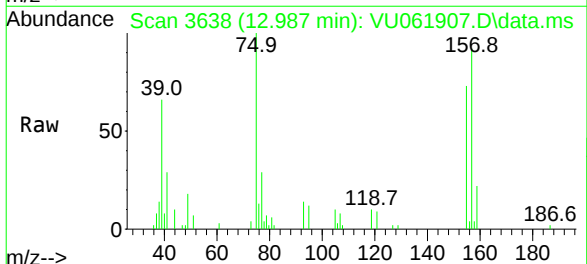
Tgt Ion: 75 Resp: 9928

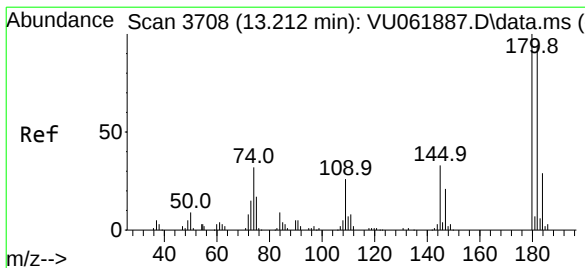
Ion Ratio Lower Upper

75 100

155 72.5 55.2 82.8

157 91.6 73.5 110.3





#69

1,3,5-Trichlorobenzene

Concen: 6.014 ug/L

RT: 13.209 min Scan# 3708

Delta R.T. -0.003 min

Lab File: VU061907.D

Acq: 21 Nov 2024 09:24

Instrument :

MSVOA_U

ClientSampleId :

E2A01MS

Tgt Ion:180 Resp: 97475

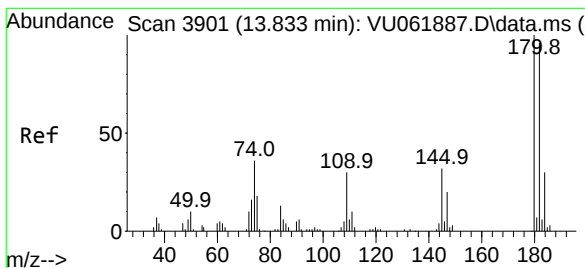
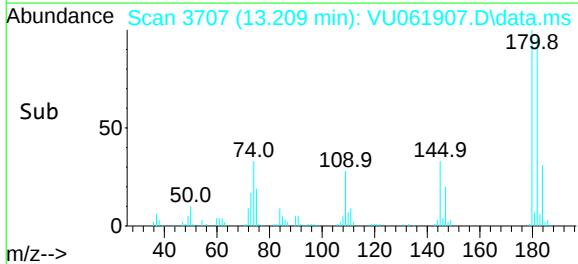
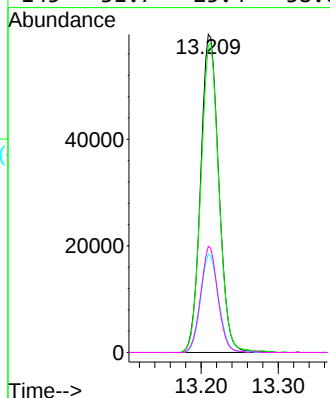
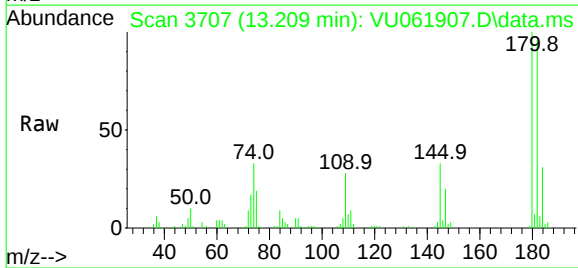
Ion Ratio Lower Upper

180 100

182 96.6 76.7 115.1

184 30.6 24.8 37.2

145 31.7 25.4 38.0



#70

1,2,4-trichlorobenzene

Concen: 5.060 ug/L

RT: 13.833 min Scan# 3901

Delta R.T. 0.000 min

Lab File: VU061907.D

Acq: 21 Nov 2024 09:24

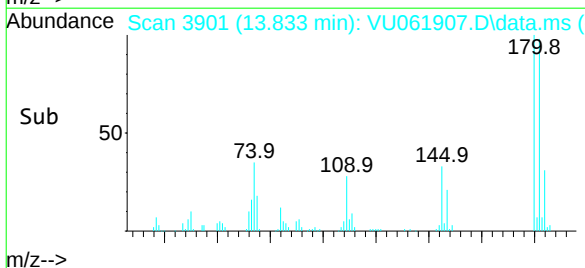
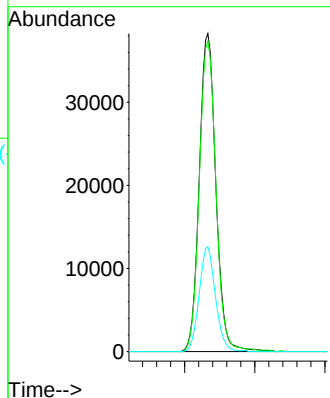
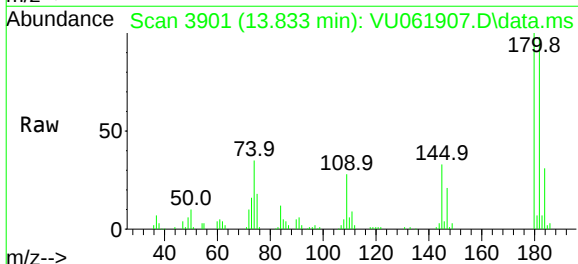
Tgt Ion:180 Resp: 62857

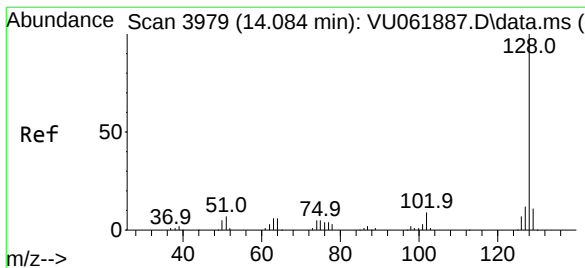
Ion Ratio Lower Upper

180 100

182 97.4 74.5 111.7

145 32.4 25.6 38.4





#71

Naphthalene

Concen: 4.828 ug/L

RT: 14.081 min Scan# 39

Delta R.T. -0.003 min

Lab File: VU061907.D

Acq: 21 Nov 2024 09:24

Instrument :

MSVOA_U

ClientSampleId :

E2A01MS

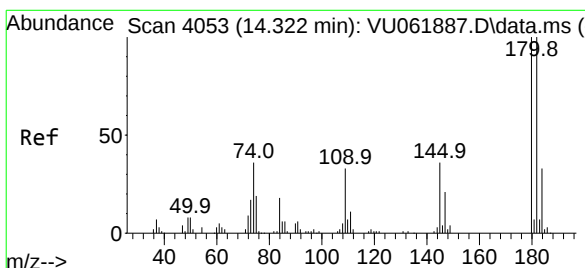
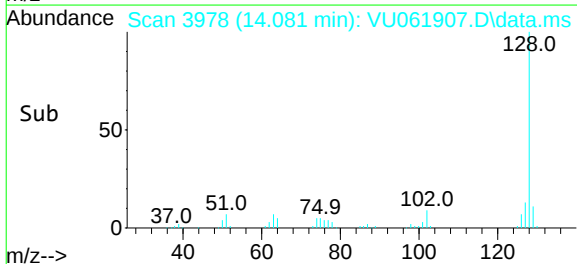
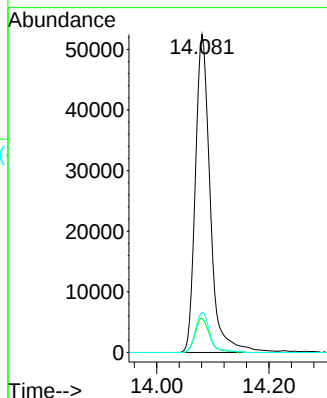
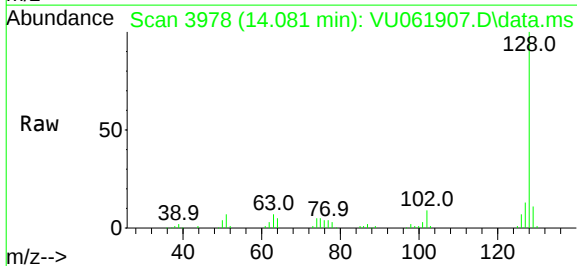
Tgt Ion:128 Resp: 96654

Ion Ratio Lower Upper

128 100

129 10.5 8.5 12.7

127 12.1 10.2 15.4



#72

1,2,3-Trichlorobenzene

Concen: 5.199 ug/L

RT: 14.322 min Scan# 4053

Delta R.T. 0.000 min

Lab File: VU061907.D

Acq: 21 Nov 2024 09:24

Tgt Ion:180 Resp: 55619

Ion Ratio Lower Upper

180 100

182 96.3 76.1 114.1

145 33.6 27.4 41.0

