

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 :

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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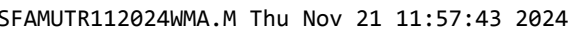
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 ClientSampleId :

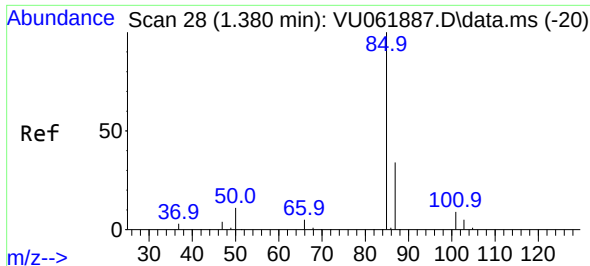
Quant Time: Nov 21 11:57:40 2024
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 Quant Title : TRACE VOA SFAM1.0
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 Response via : Initial Calibration

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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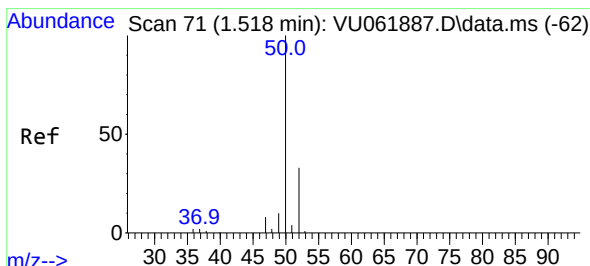
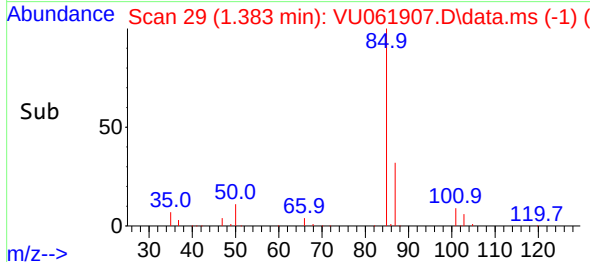
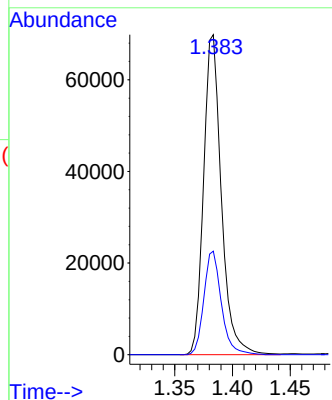
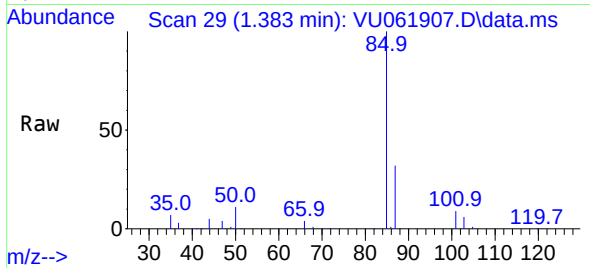




#2
Dichlorodifluoromethane
Concen: 4.848 ug/L
RT: 1.383 min Scan# 29
Delta R.T. 0.003 min
Lab File: VU061907.D
Acq: 21 Nov 2024 09:24

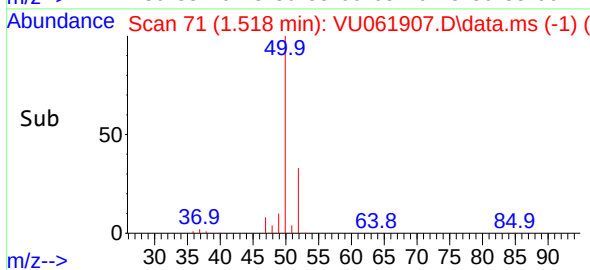
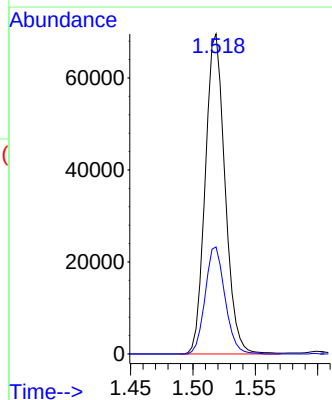
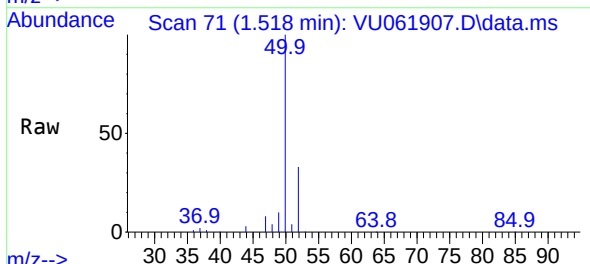
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MSVOA_U
ClientSampleId :

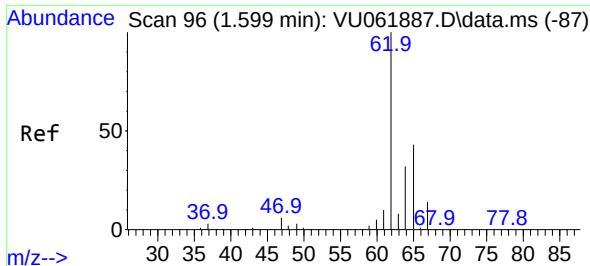
Tgt Ion: 85 Resp: 74597
Ion Ratio Lower Upper
85 100
87 31.9 26.6 40.0



#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

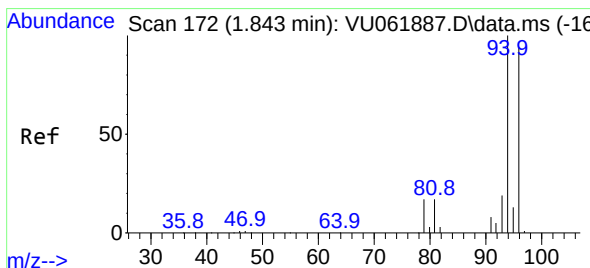
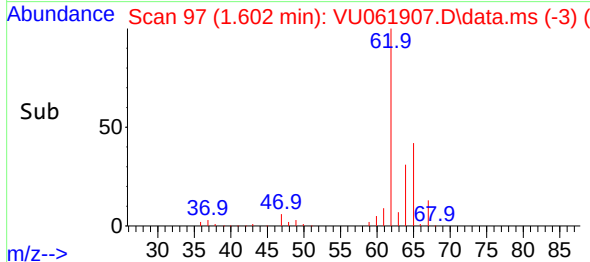
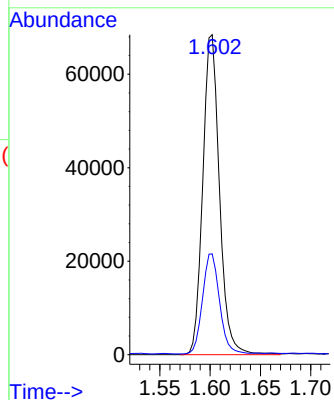
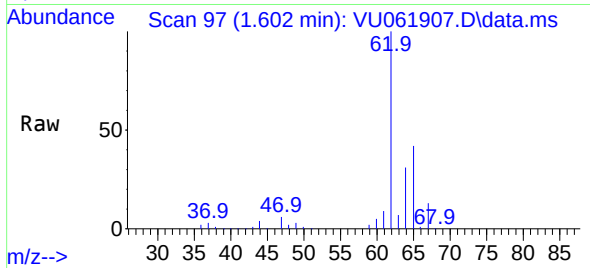




#5
 Vinyl chloride
 Concen: 4.845 ug/L
 RT: 1.602 min Scan# 91
 Delta R.T. 0.003 min
 Lab File: VU061907.D
 Acq: 21 Nov 2024 09:24

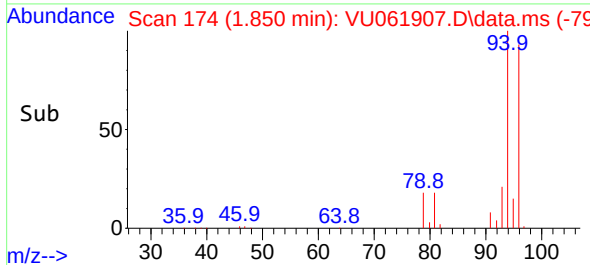
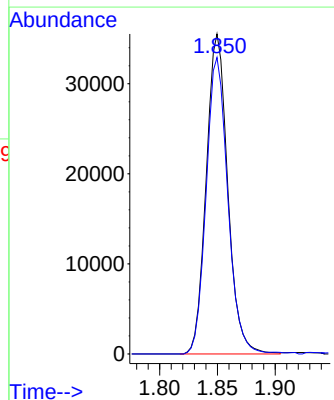
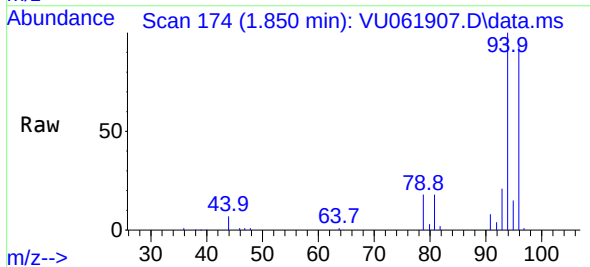
Instrument :
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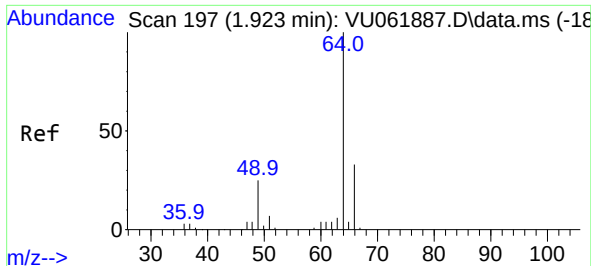
Tgt Ion: 62 Resp: 78936
 Ion Ratio Lower Upper
 62 100
 64 31.5 23.1 42.9



#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

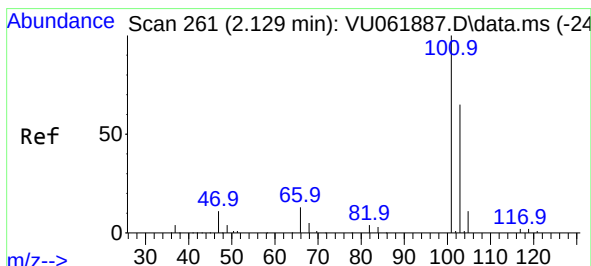
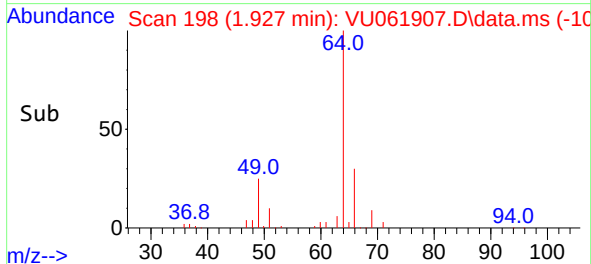
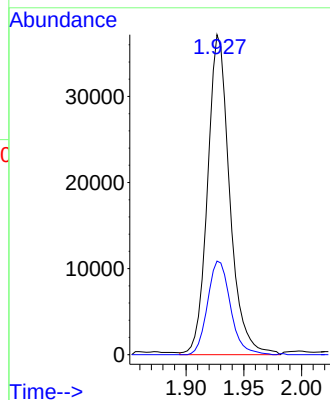
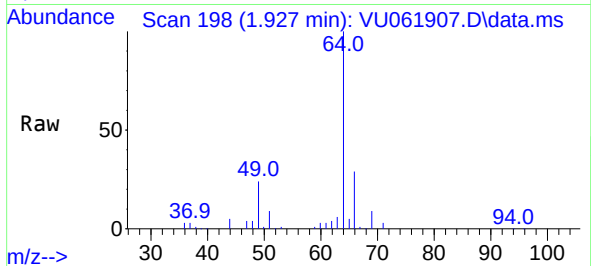




#8
Chloroethane
Concen: 4.720 ug/L
RT: 1.927 min Scan# 19
Delta R.T. 0.003 min
Lab File: VU061907.D
Acq: 21 Nov 2024 09:24

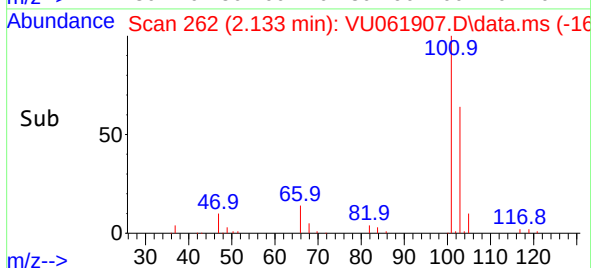
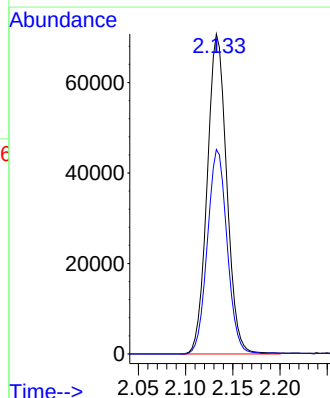
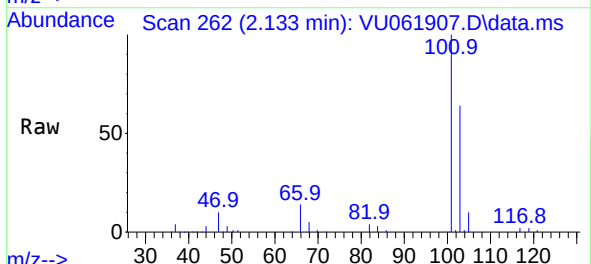
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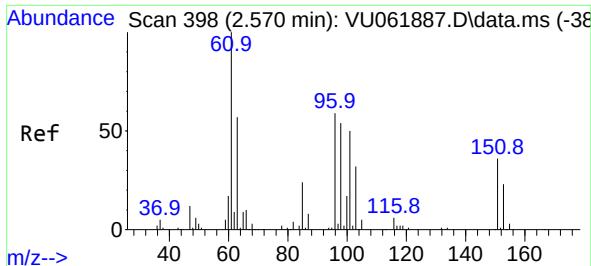
Tgt Ion: 64 Resp: 49590
Ion Ratio Lower Upper
64 100
66 29.3 23.2 43.2



#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

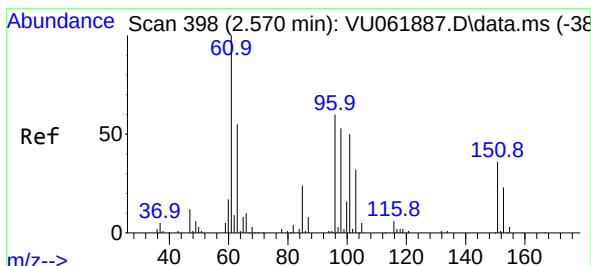
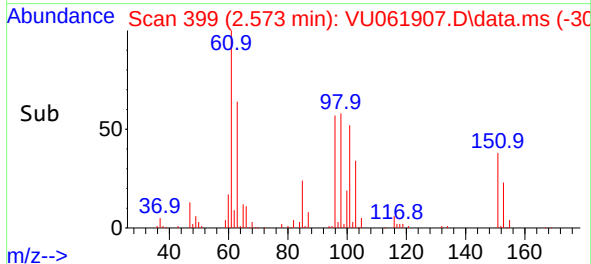
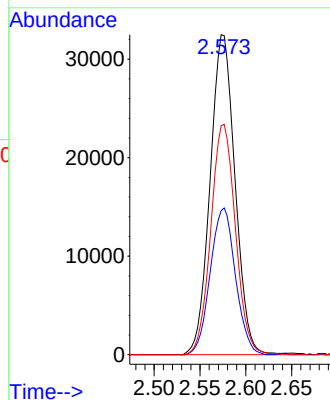
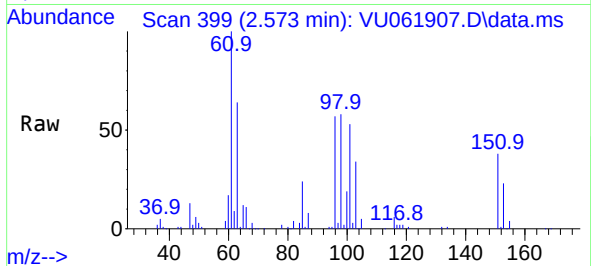




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 4.840 ug/L
RT: 2.573 min Scan# 399
Delta R.T. 0.003 min
Lab File: VU061907.D
Acq: 21 Nov 2024 09:24

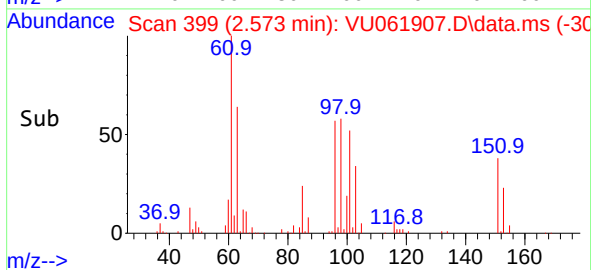
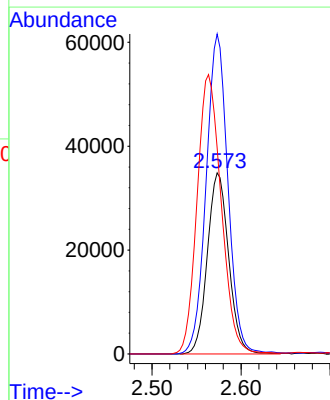
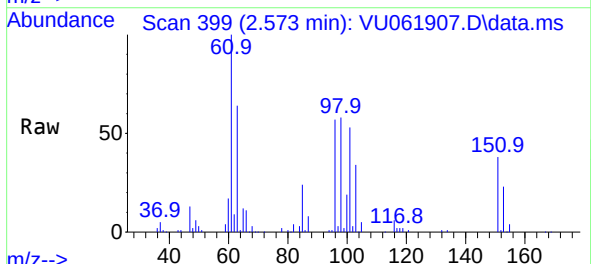
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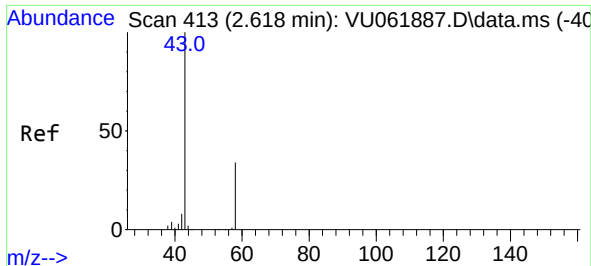
Tgt Ion:101 Resp: 61380
Ion Ratio Lower Upper
101 100
85 46.3 38.0 57.0
151 71.2 55.3 82.9



#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# 413

Delta R.T. 0.003 min

Lab File: VU061907.D

Acq: 21 Nov 2024 09:24

Instrument :

MSVOA_U

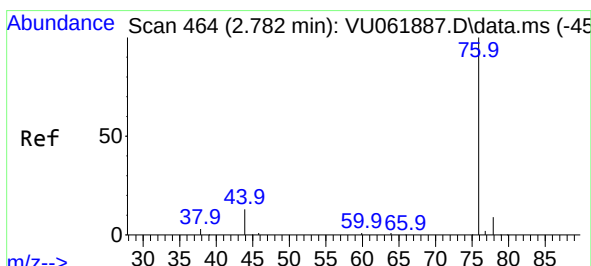
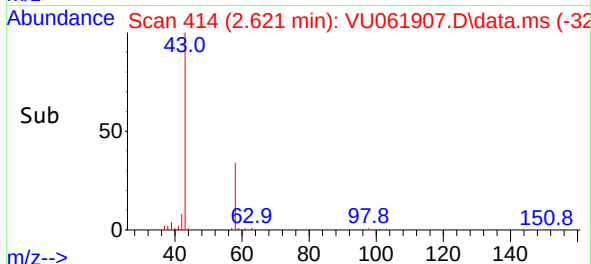
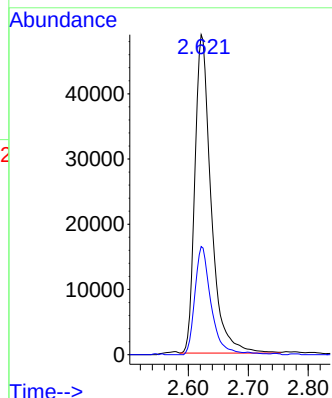
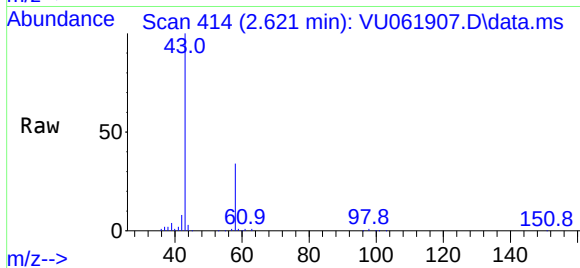
ClientSampleId :

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

Lab File: VU061907.D

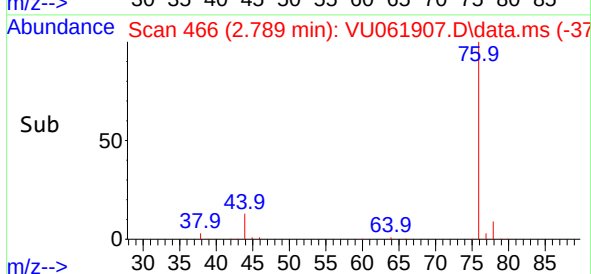
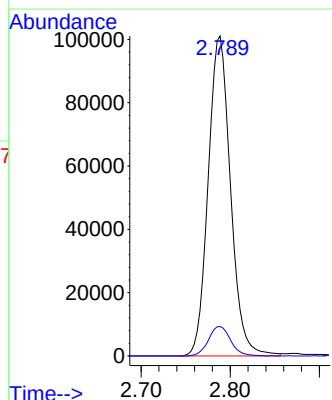
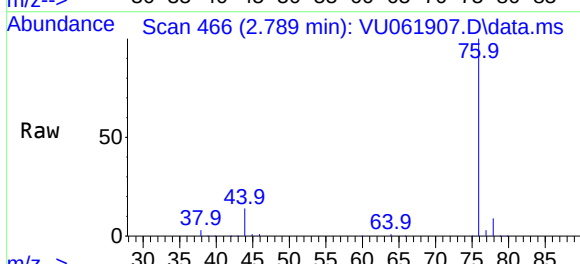
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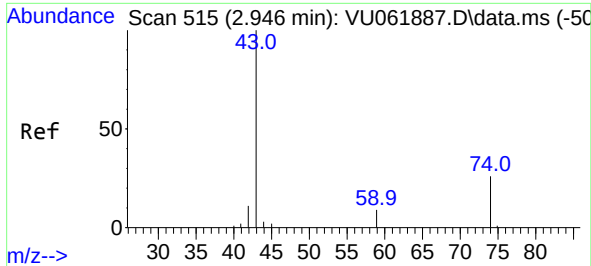
Tgt Ion: 76 Resp: 175952

Ion Ratio Lower Upper

76 100

78 9.2 7.5 11.3

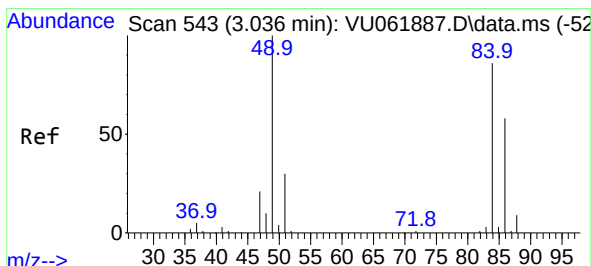
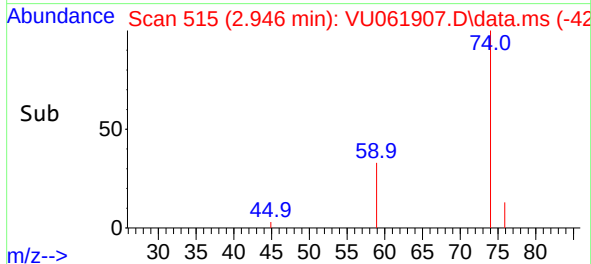
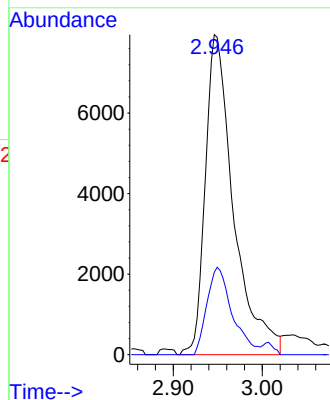
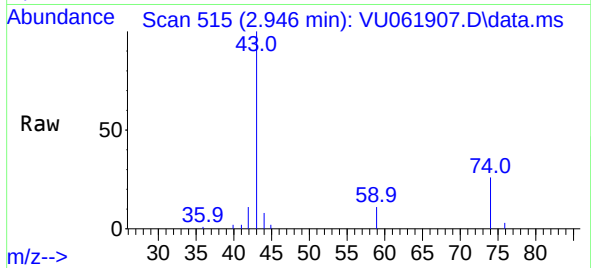




#15
Methyl Acetate
Concen: 3.648 ug/L
RT: 2.946 min Scan# 515
Delta R.T. 0.000 min
Lab File: VU061907.D
Acq: 21 Nov 2024 09:24

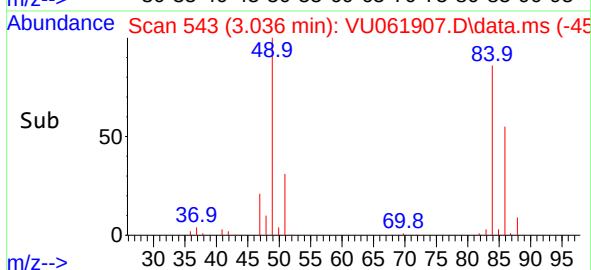
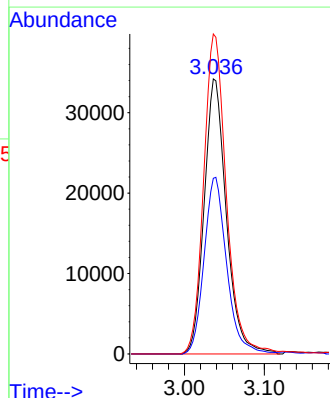
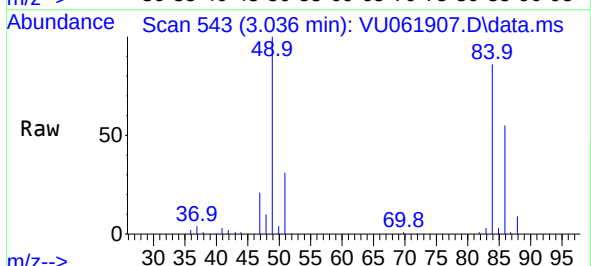
Instrument :
MSVOA_U
ClientSampleId :

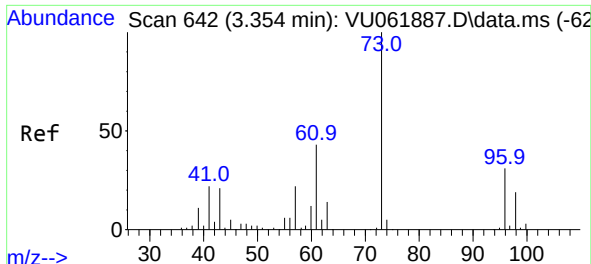
Tgt Ion: 43 Resp: 17519
Ion Ratio Lower Upper
43 100
74 24.6 19.4 29.2



#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

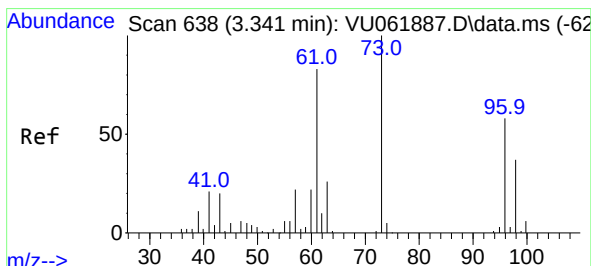
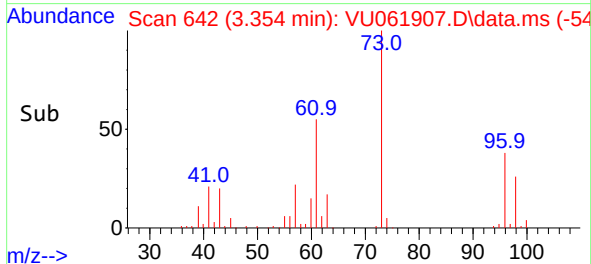
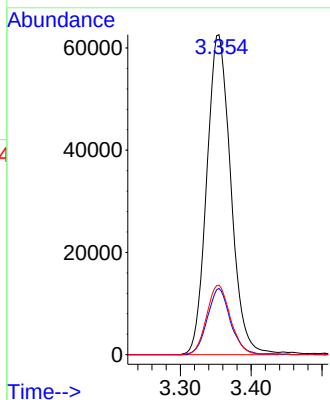
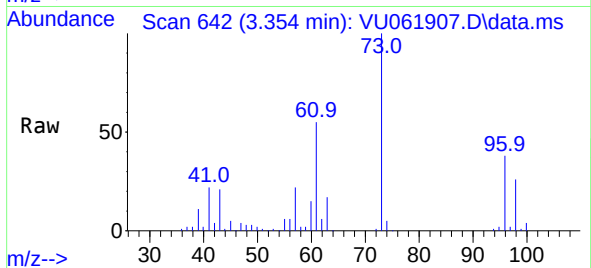




#17
Methyl tert-butyl Ether
Concen: 4.878 ug/L
RT: 3.354 min Scan# 642
Delta R.T. 0.000 min
Lab File: VU061907.D
Acq: 21 Nov 2024 09:24

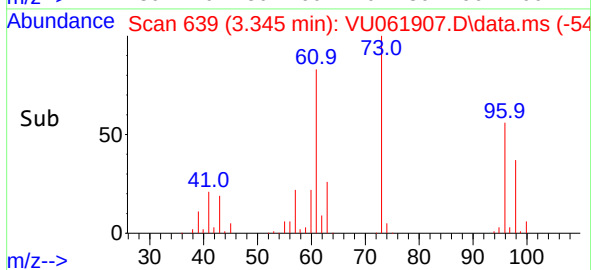
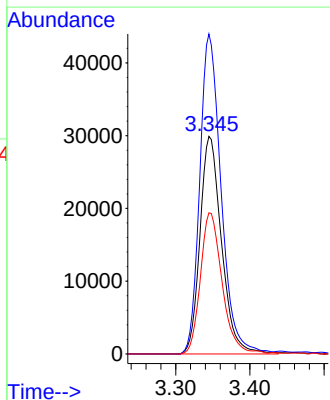
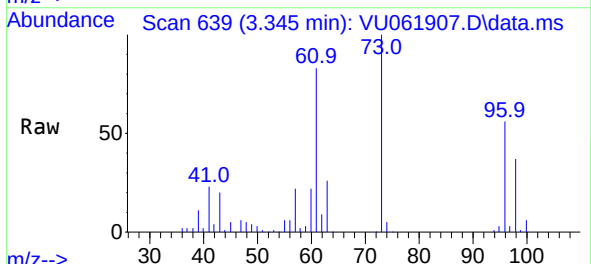
Instrument :
MSVOA_U
ClientSampleId :

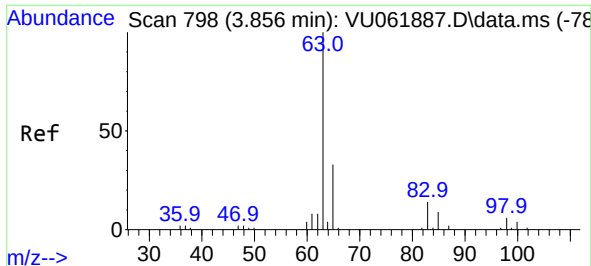
Tgt Ion: 73 Resp: 147436
Ion Ratio Lower Upper
73 100
43 19.9 16.3 24.5
57 21.5 17.1 25.7



#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

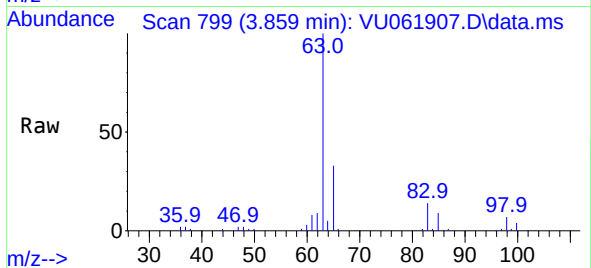
Lab File: VU061907.D

Acq: 21 Nov 2024 09:24

Instrument :

MSVOA_U

ClientSampleId :



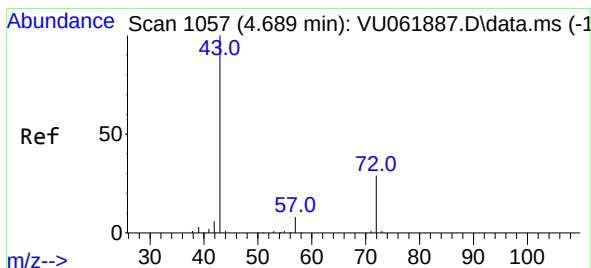
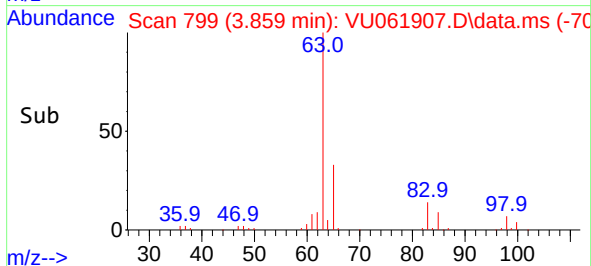
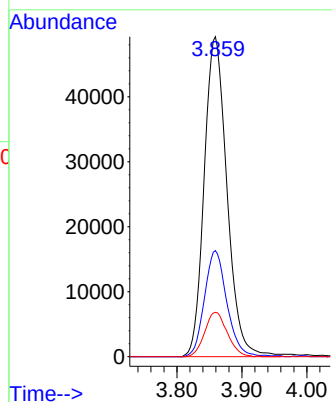
Tgt Ion: 63 Resp: 120175

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

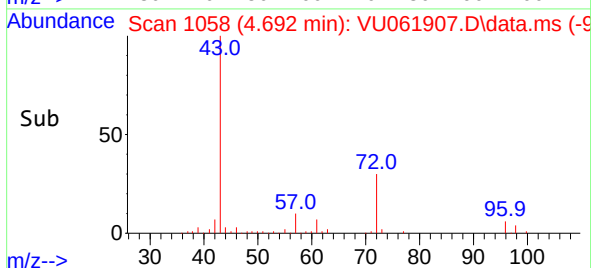
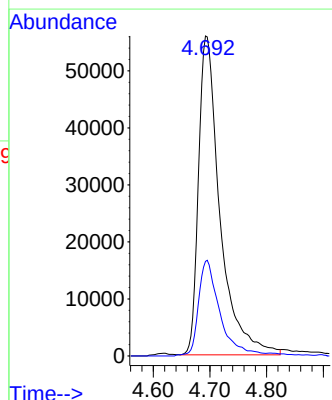
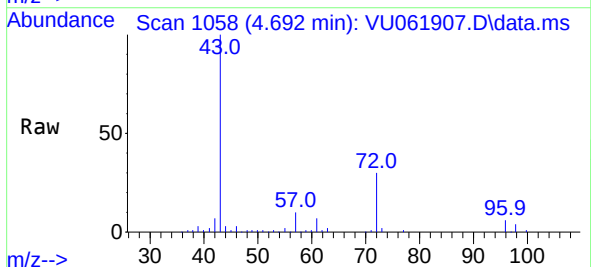
Acq: 21 Nov 2024 09:24

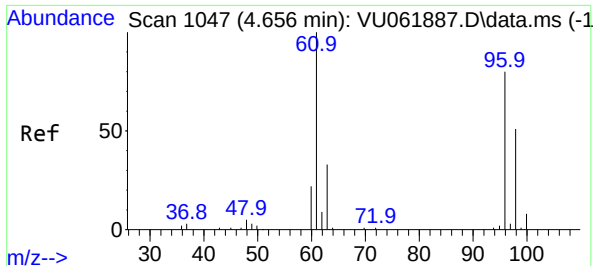
Tgt Ion: 43 Resp: 147017

Ion Ratio Lower Upper

43 100

72 29.8 14.8 44.4

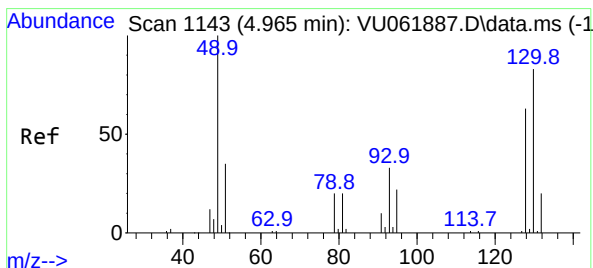
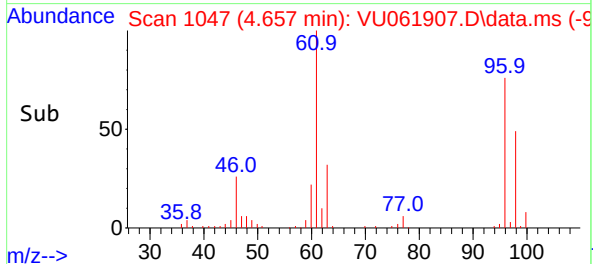
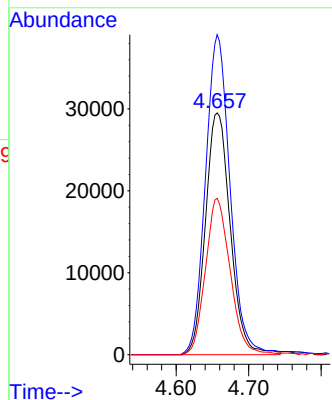
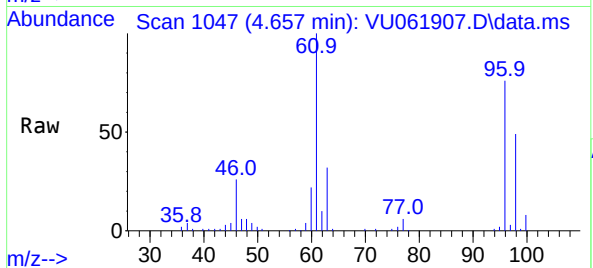




#22
 cis-1,2-Dichloroethene
 Concen: 5.008 ug/L
 RT: 4.657 min Scan# 1047
 Delta R.T. 0.000 min
 Lab File: VU061907.D
 Acq: 21 Nov 2024 09:24

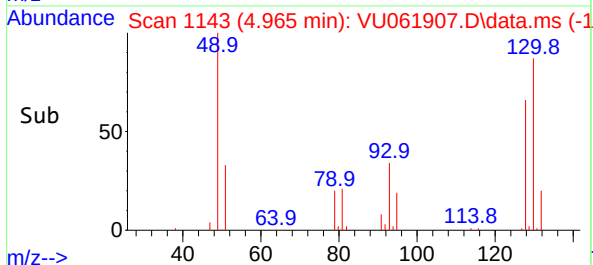
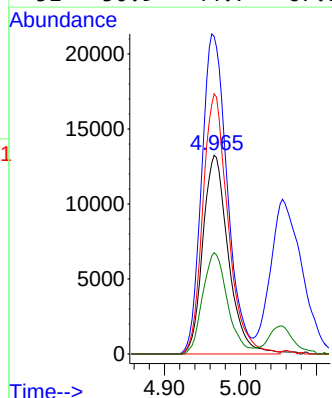
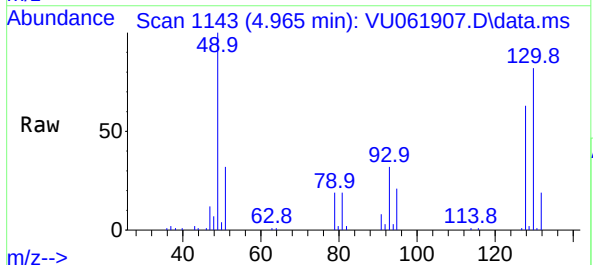
Instrument :
 MSVOA_U
 ClientSampleId :

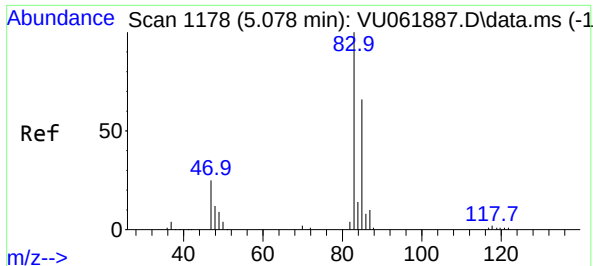
Tgt Ion: 96 Resp: 70262
 Ion Ratio Lower Upper
 96 100
 61 132.3 92.0 170.8
 98 64.7 44.5 82.7



#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

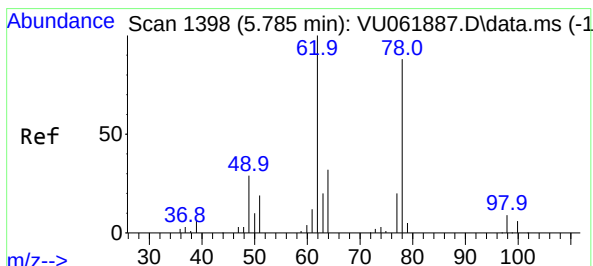
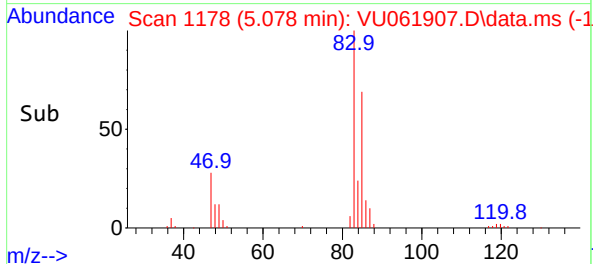
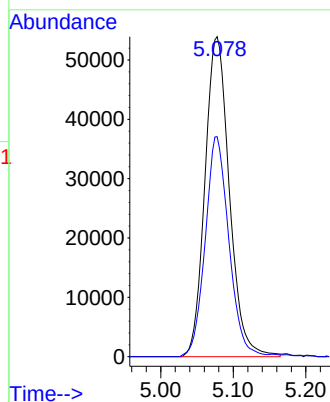
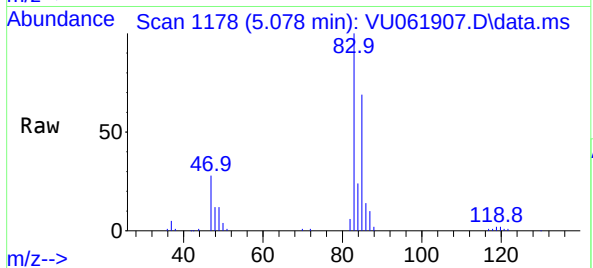
ClientSampleId :

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

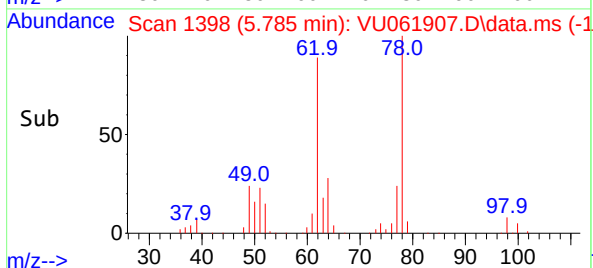
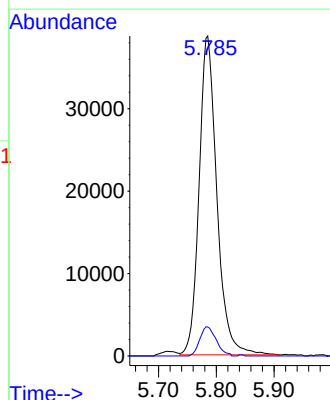
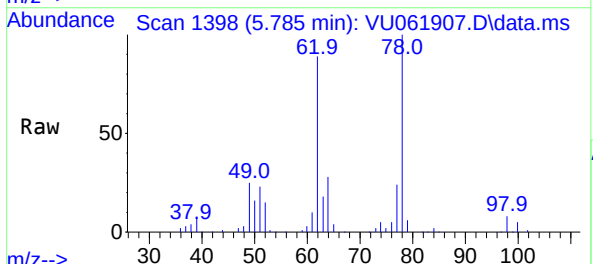
Acq: 21 Nov 2024 09:24

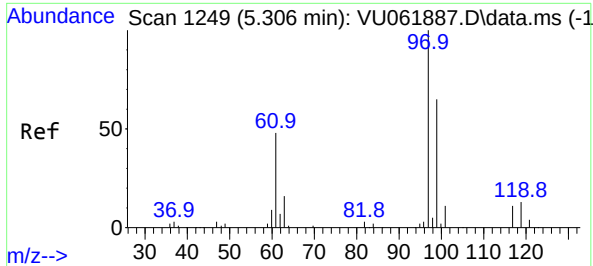
Tgt Ion: 62 Resp: 82750

Ion Ratio Lower Upper

62 100

98 9.1 7.4 11.0



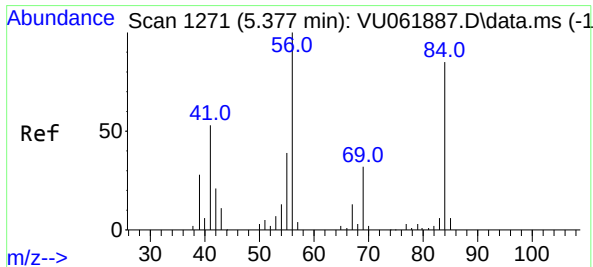
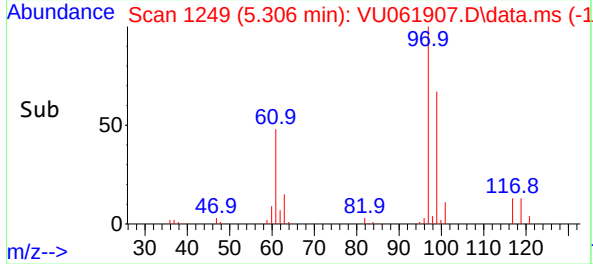
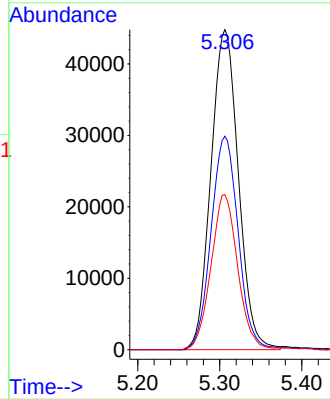
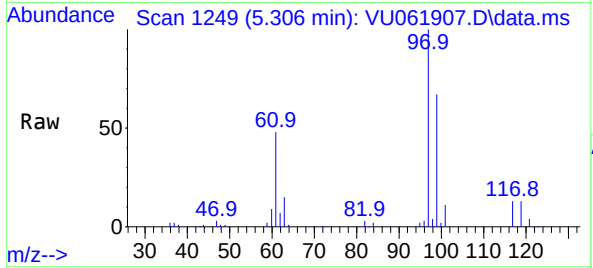


#29
1,1,1-Trichloroethane
Concen: 4.771 ug/L
RT: 5.306 min Scan# 1249
Delta R.T. 0.000 min
Lab File: VU061907.D
Acq: 21 Nov 2024 09:24

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 97 Resp: 104347

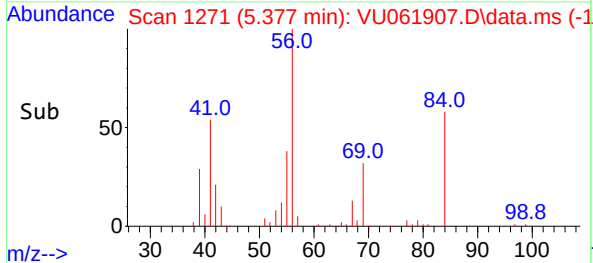
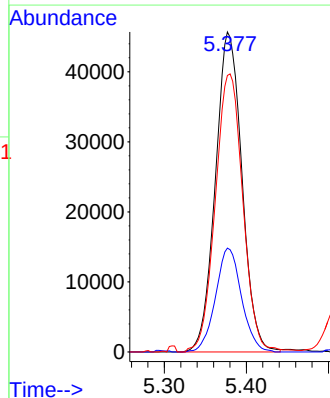
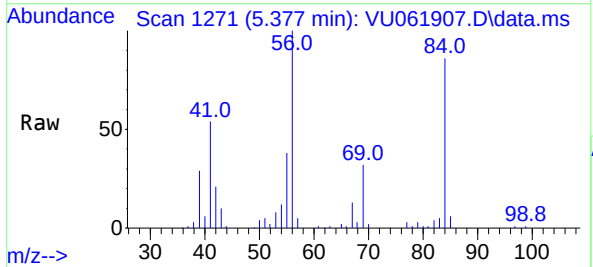
Ion	Ratio	Lower	Upper
97	100		
99	66.0	51.4	77.2
61	47.1	37.8	56.6

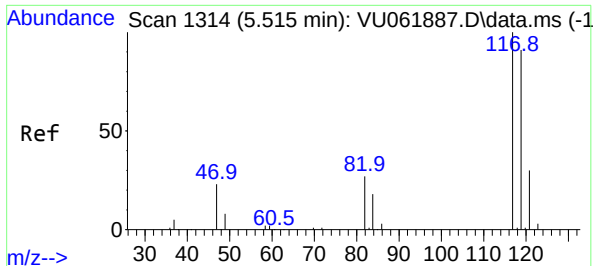


#30
Cyclohexane
Concen: 4.482 ug/L
RT: 5.377 min Scan# 1271
Delta R.T. 0.000 min
Lab File: VU061907.D
Acq: 21 Nov 2024 09:24

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

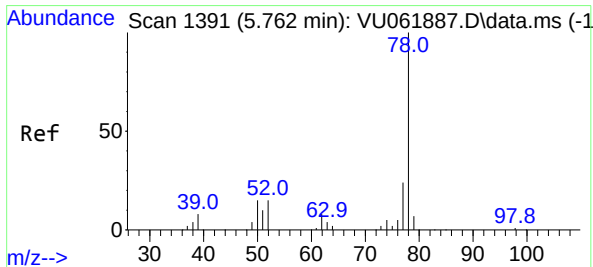
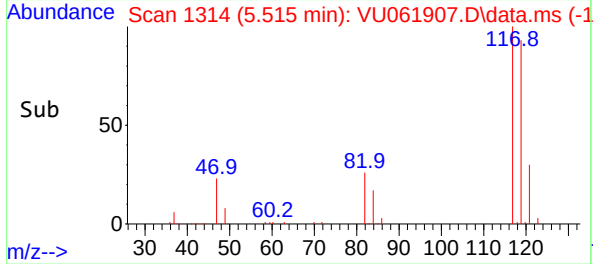
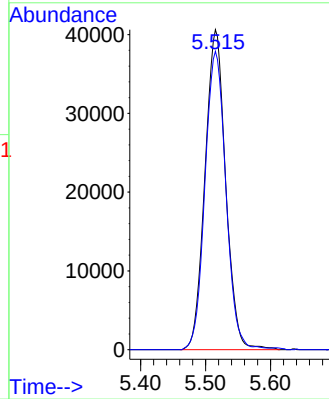
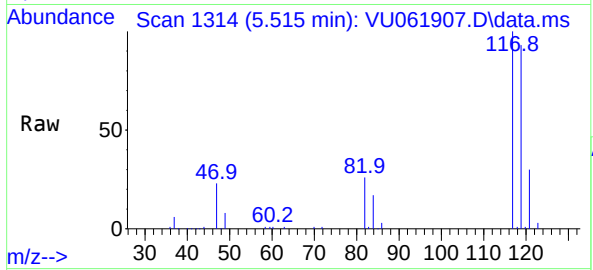




#31
Carbon tetrachloride
Concen: 4.844 ug/L
RT: 5.515 min Scan# 1117
Delta R.T. 0.000 min
Lab File: VU061907.D
Acq: 21 Nov 2024 09:24

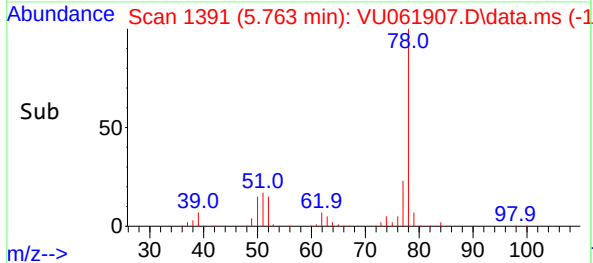
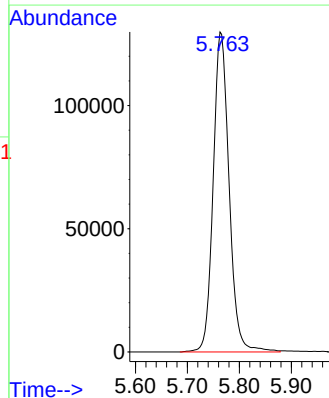
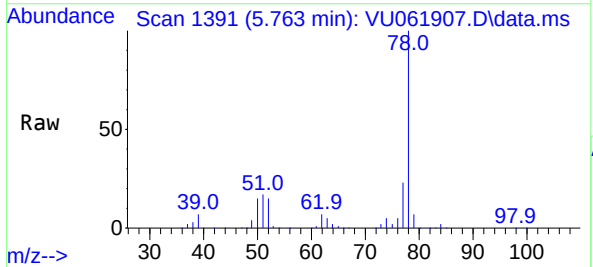
Instrument :
MSVOA_U
ClientSampleId :

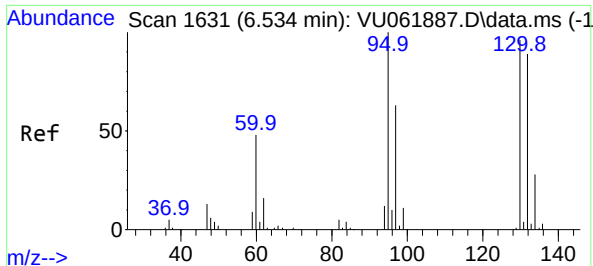
Tgt Ion:117 Resp: 89944
Ion Ratio Lower Upper
117 100
119 93.9 77.5 116.3



#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

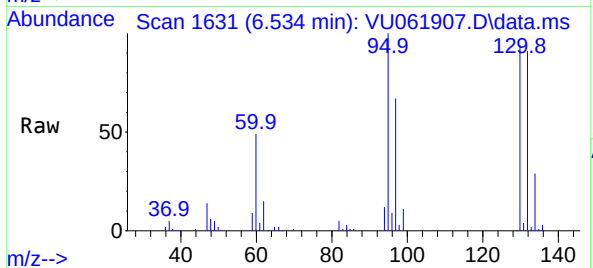
Tgt Ion: 78 Resp: 276294



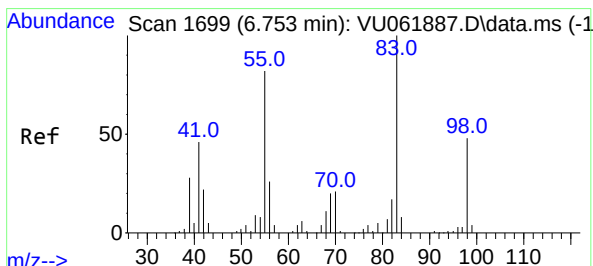
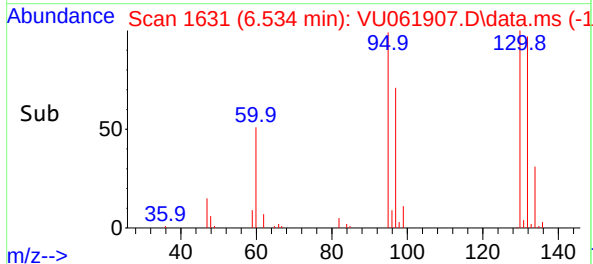
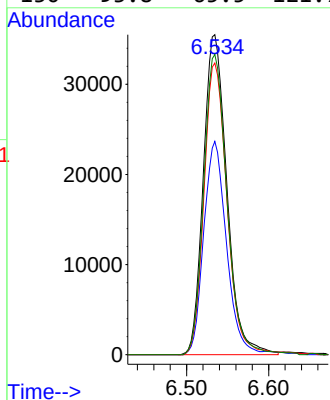


#34
Trichloroethene
Concen: 4.642 ug/L
RT: 6.534 min Scan# 1631
Delta R.T. 0.000 min
Lab File: VU061907.D
Acq: 21 Nov 2024 09:24

Instrument :
MSVOA_U
ClientSampleId :

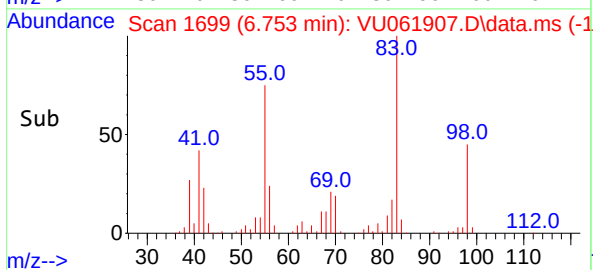
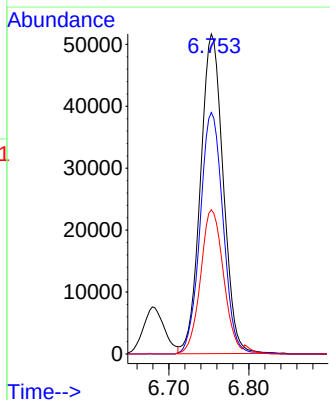
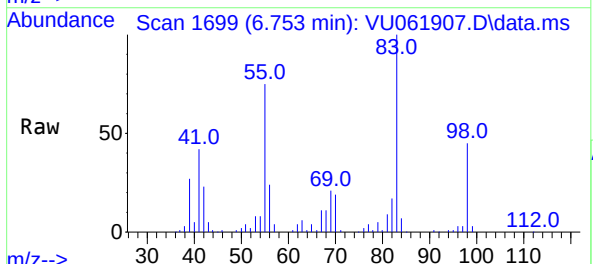


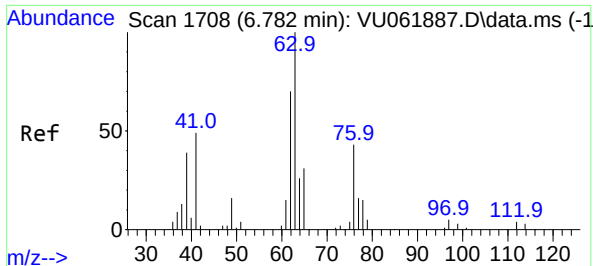
Tgt Ion: 95 Resp: 70996
Ion Ratio Lower Upper
95 100
97 66.7 45.9 85.3
132 91.1 63.8 118.4
130 93.8 65.5 121.7



#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

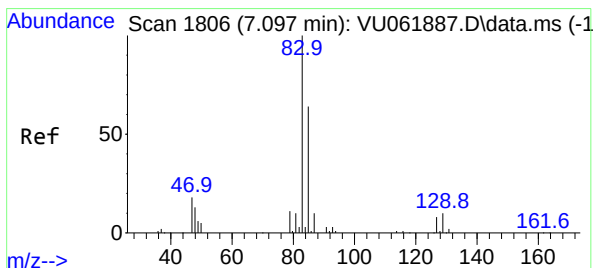
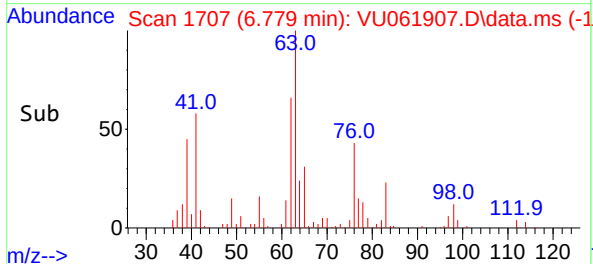
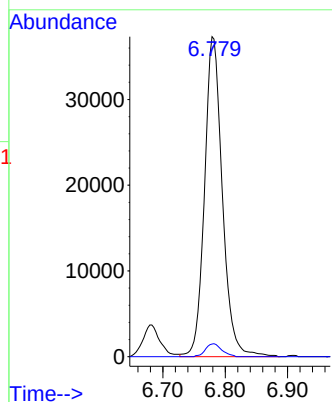
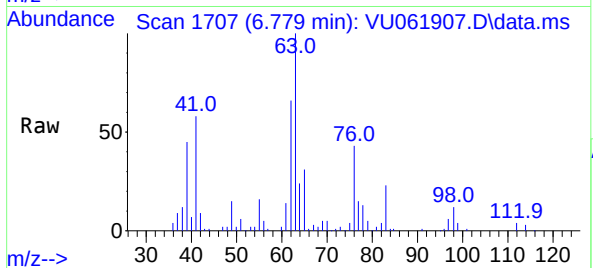




#37
1,2-Dichloropropane
Concen: 4.991 ug/L
RT: 6.779 min Scan# 1
Delta R.T. -0.003 min
Lab File: VU061907.D
Acq: 21 Nov 2024 09:24

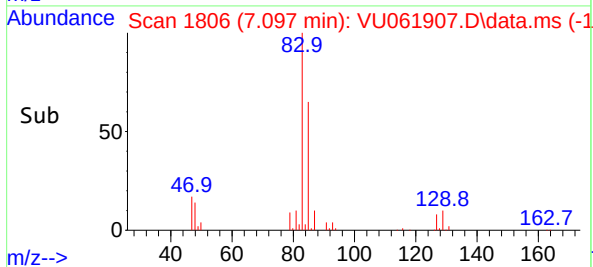
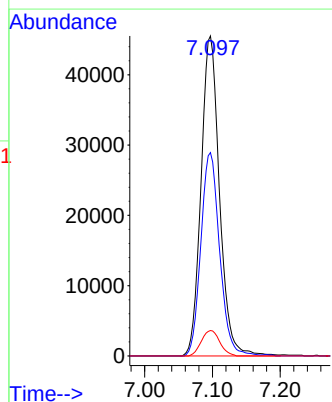
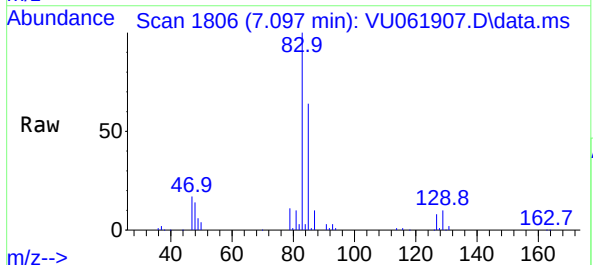
Instrument :
MSVOA_U
ClientSampleId :

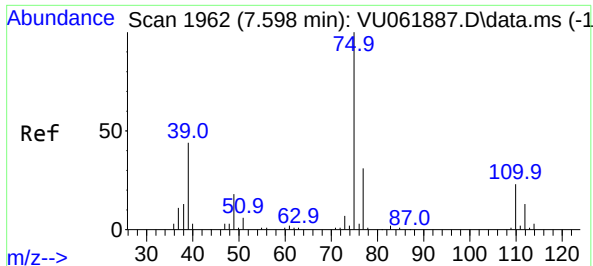
Tgt Ion: 63 Resp: 74293
Ion Ratio Lower Upper
63 100
112 3.7 3.4 5.0



#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

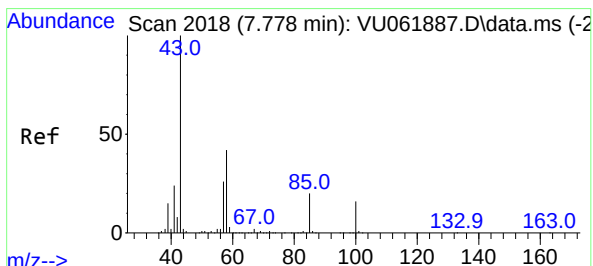
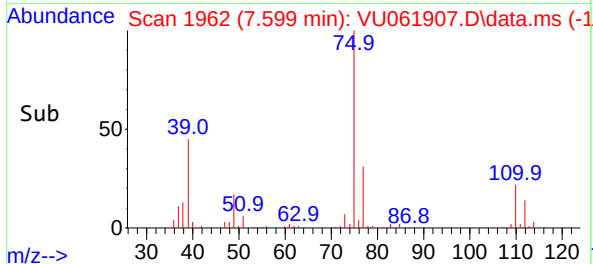
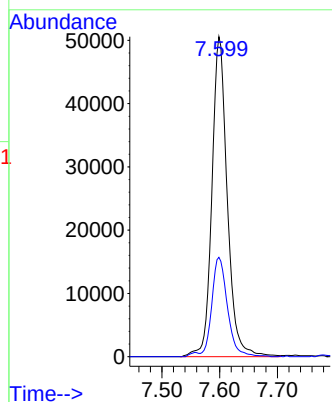
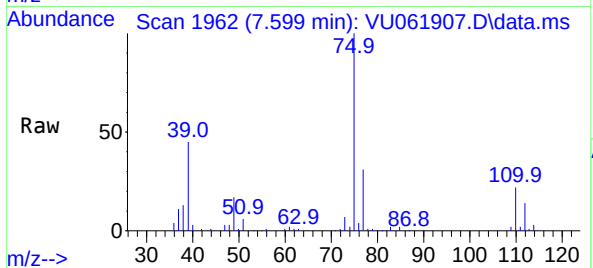




#39
cis-1,3-Dichloropropene
Concen: 4.479 ug/L
RT: 7.599 min Scan# 1962
Delta R.T. 0.000 min
Lab File: VU061907.D
Acq: 21 Nov 2024 09:24

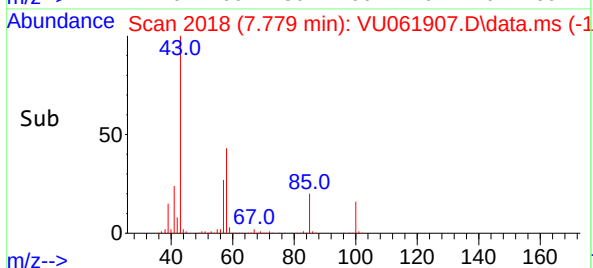
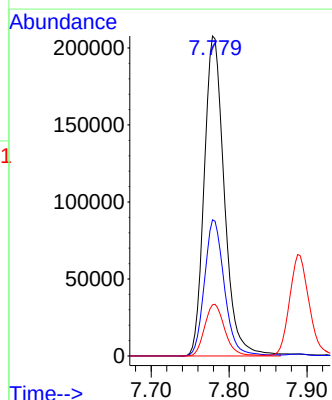
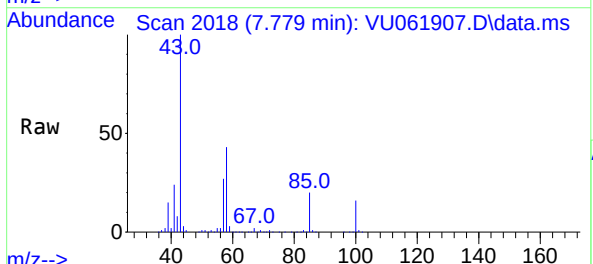
Instrument :
MSVOA_U
ClientSampleId :

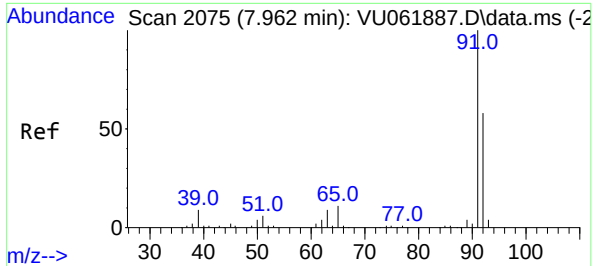
Tgt Ion: 75 Resp: 93489
Ion Ratio Lower Upper
75 100
77 31.0 22.3 41.3



#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

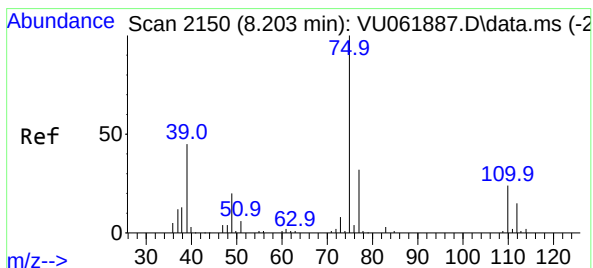
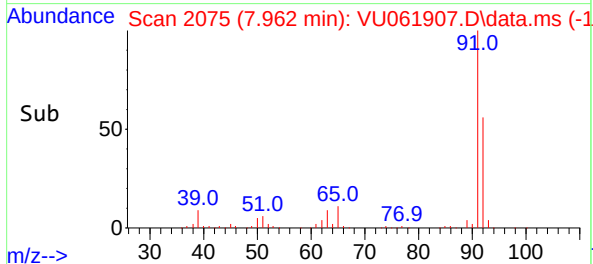
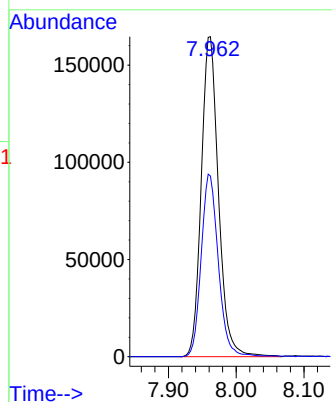
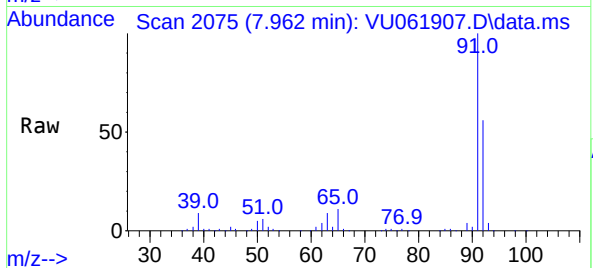




#42
Toluene
Concen: 4.825 ug/L
RT: 7.962 min Scan# 2075
Delta R.T. 0.000 min
Lab File: VU061907.D
Acq: 21 Nov 2024 09:24

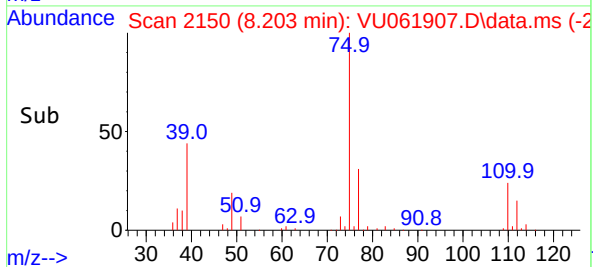
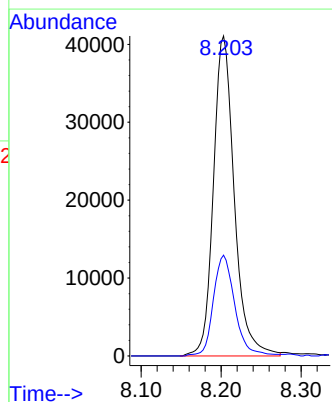
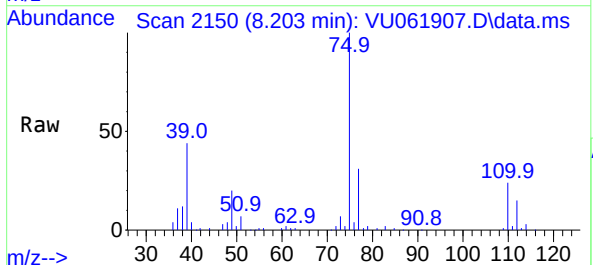
Instrument :
MSVOA_U
ClientSampleId :

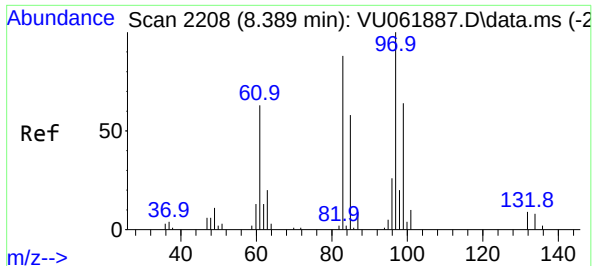
Tgt Ion: 91 Resp: 290160
Ion Ratio Lower Upper
91 100
92 56.4 39.0 72.4



#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



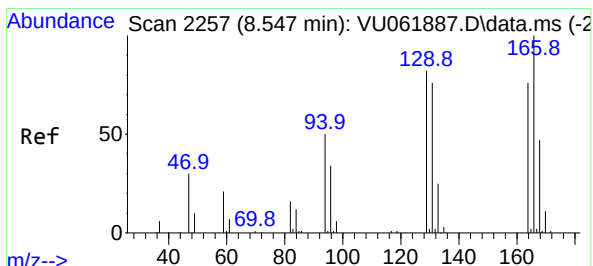
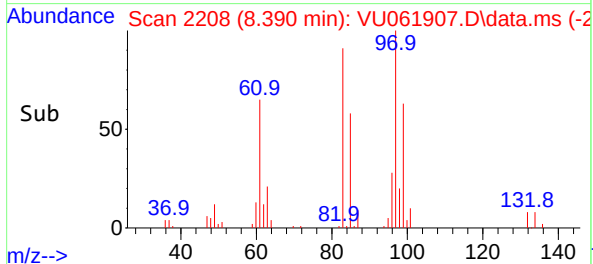
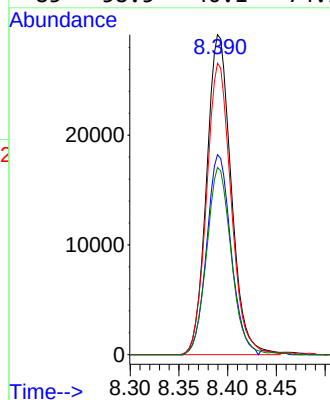
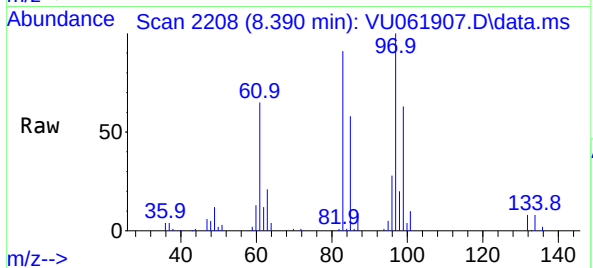


#45
1,1,2-Trichloroethane
Concen: 4.673 ug/L
RT: 8.390 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU061907.D
Acq: 21 Nov 2024 09:24

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 97 Resp: 51253

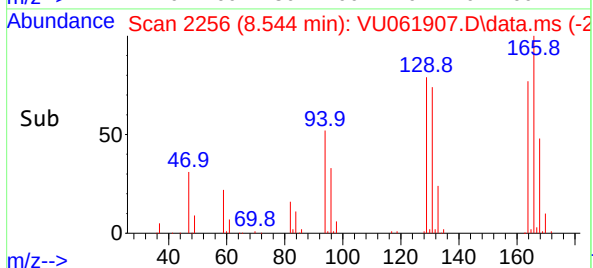
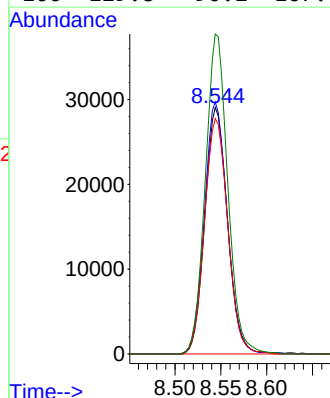
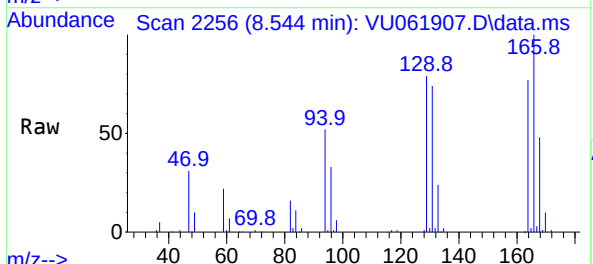
Ion	Ratio	Lower	Upper
97	100		
99	62.5	43.0	79.8
83	91.1	61.7	114.5
85	58.5	40.1	74.5

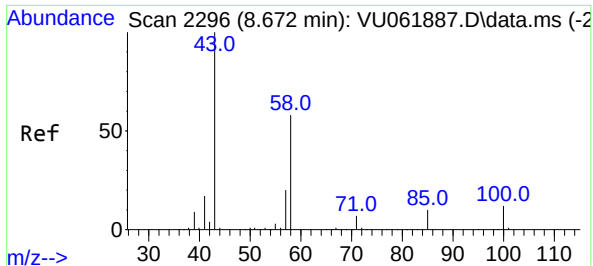


#47
Tetrachloroethene
Concen: 4.498 ug/L
RT: 8.544 min Scan# 2256
Delta R.T. -0.003 min
Lab File: VU061907.D
Acq: 21 Nov 2024 09:24

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

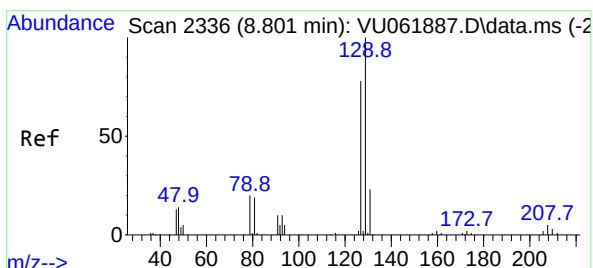
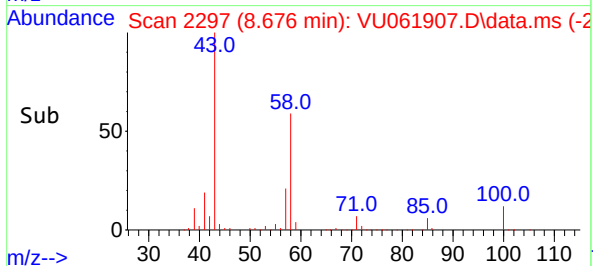
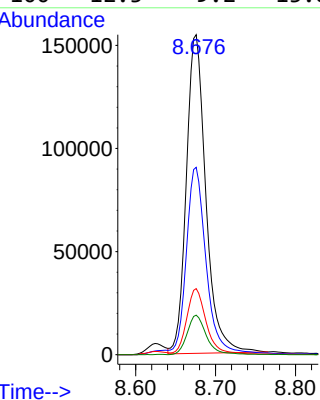
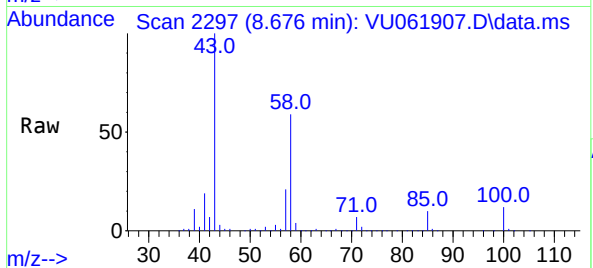
Instrument :

MSVOA_U

ClientSampleId :

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

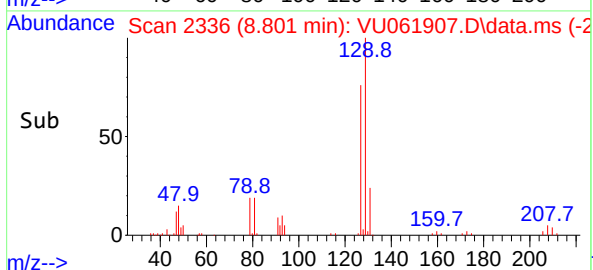
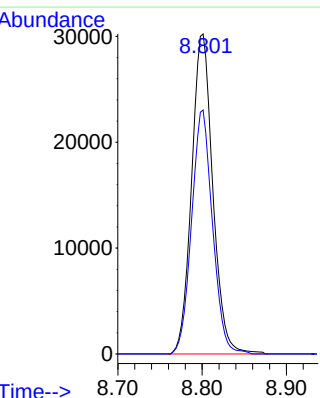
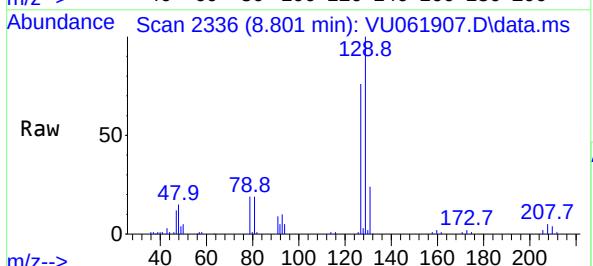
Delta R.T. 0.000 min

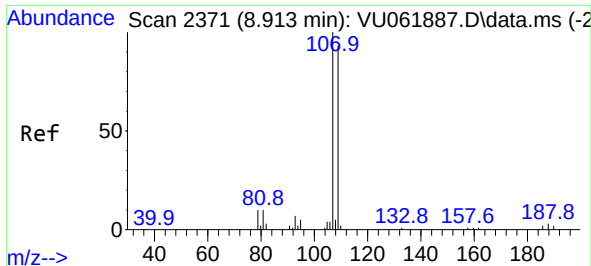
Lab File: VU061907.D

Acq: 21 Nov 2024 09:24

Tgt Ion: 129 Resp: 52891

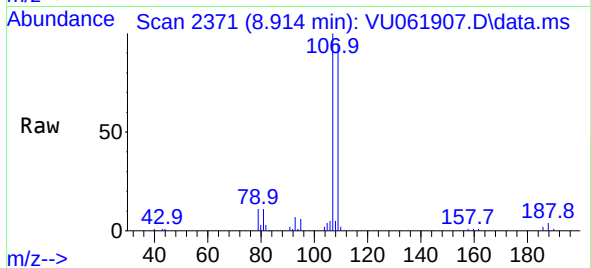
Ion	Ratio	Lower	Upper
129	100		
127	76.2	51.1	94.9



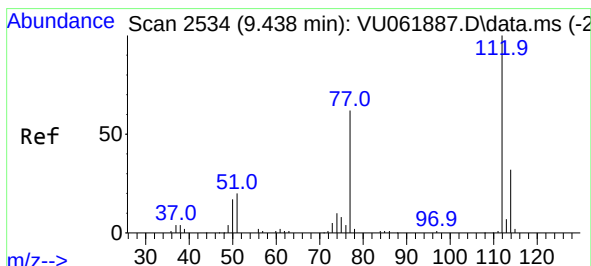
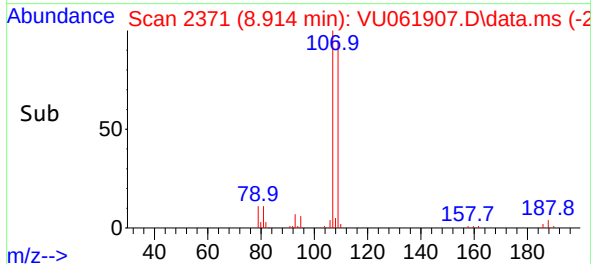
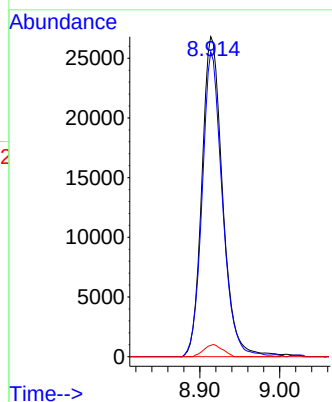


#50
1,2-Dibromoethane
Concen: 4.445 ug/L
RT: 8.914 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU061907.D
Acq: 21 Nov 2024 09:24

Instrument :
MSVOA_U
ClientSampleId :

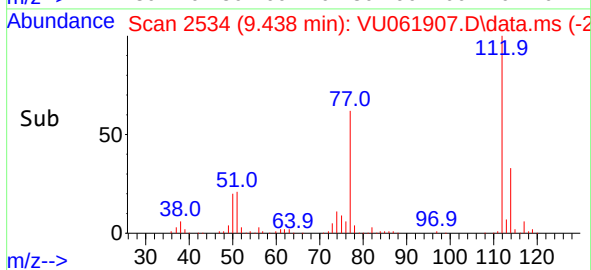
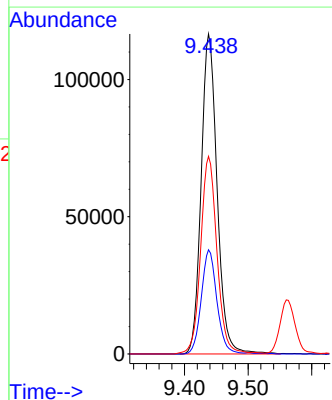
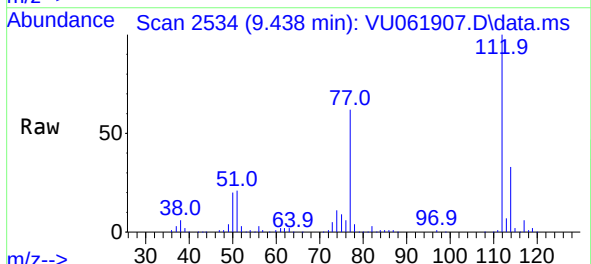


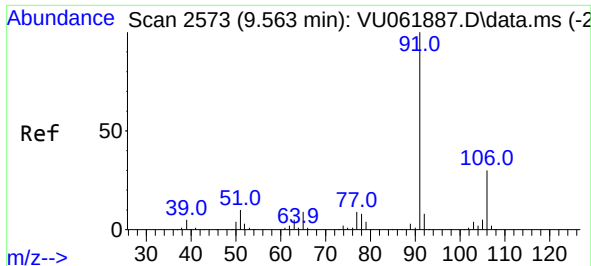
Tgt Ion:107 Resp: 48380
Ion Ratio Lower Upper
107 100
109 95.2 66.8 124.2
188 3.6 2.3 3.5#



#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

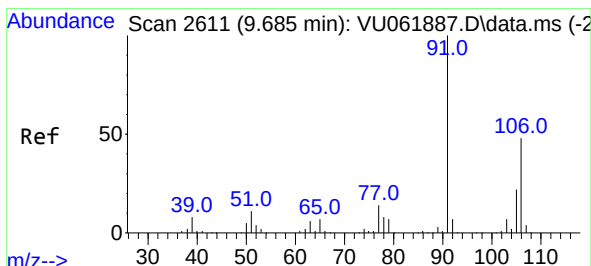
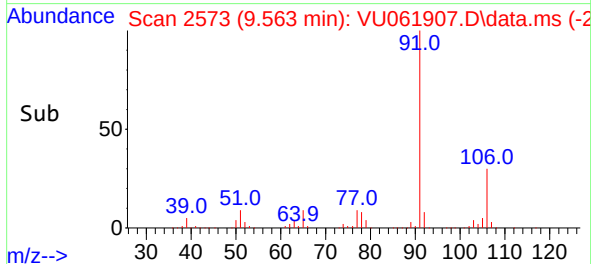
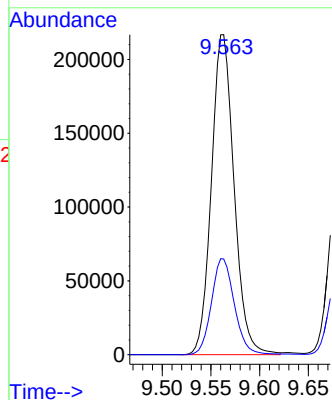
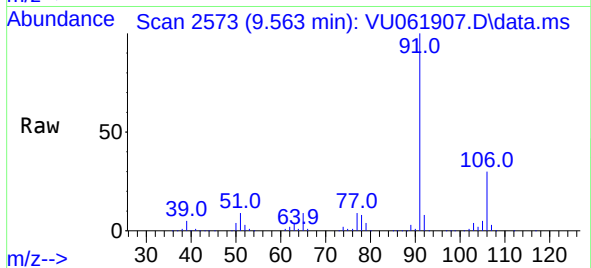
ClientSampleId :

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

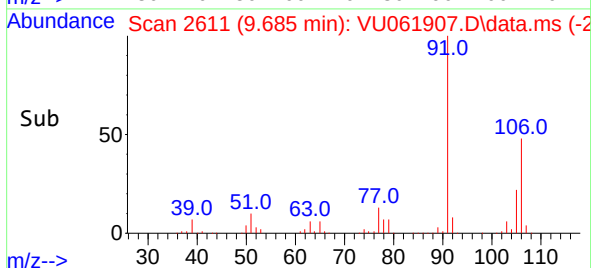
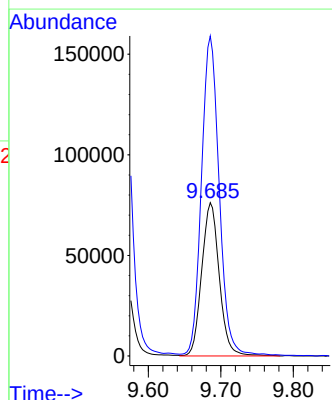
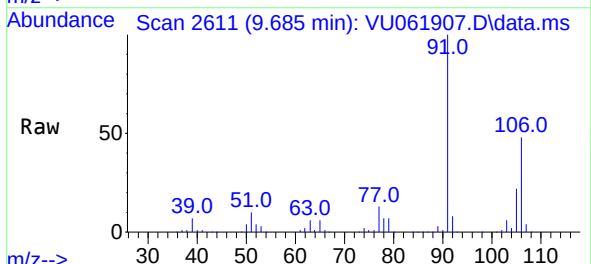
Acq: 21 Nov 2024 09:24

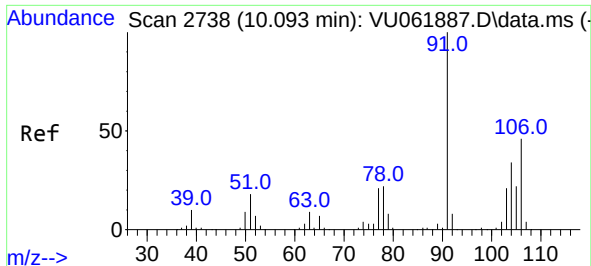
Tgt Ion:106 Resp: 128438

Ion Ratio Lower Upper

106 100

91 208.7 147.6 274.0

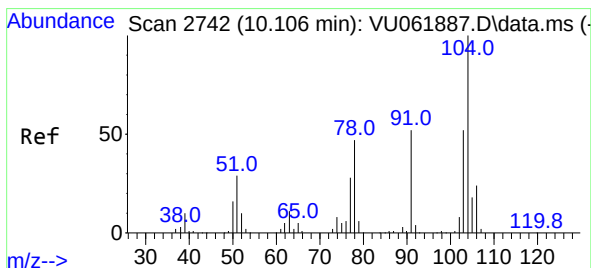
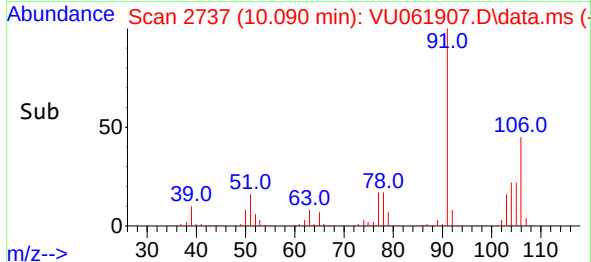
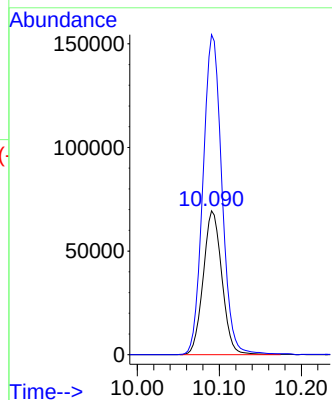
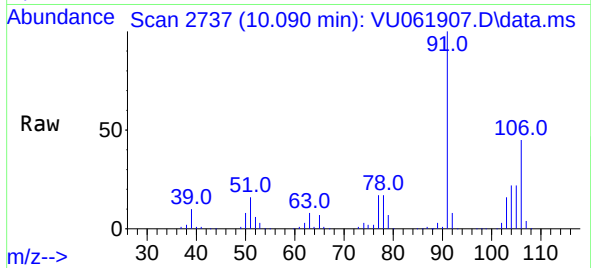




#54
o-Xylene
Concen: 4.284 ug/L
RT: 10.090 min Scan# 21
Delta R.T. -0.003 min
Lab File: VU061907.D
Acq: 21 Nov 2024 09:24

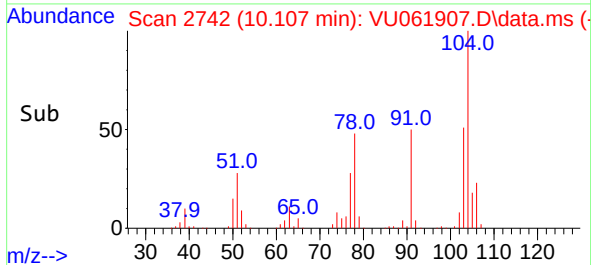
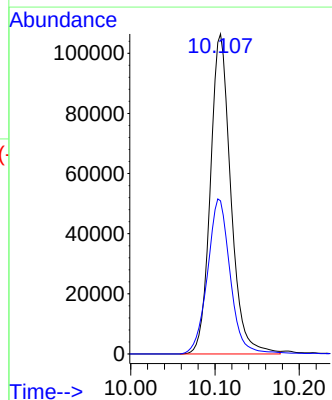
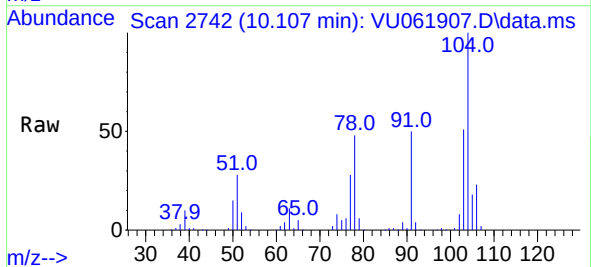
Instrument :
MSVOA_U
ClientSampleId :

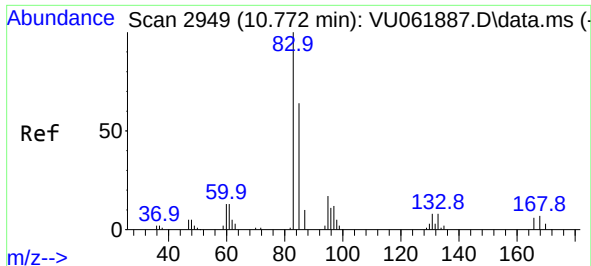
Tgt Ion:106 Resp: 109785
Ion Ratio Lower Upper
106 100
91 222.5 159.8 296.8



#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

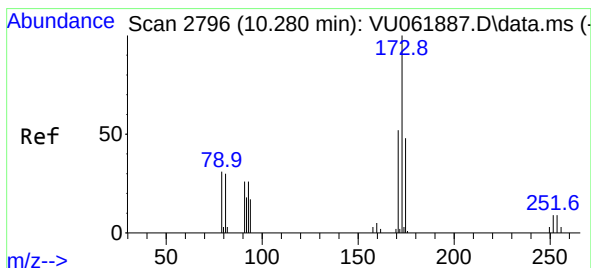
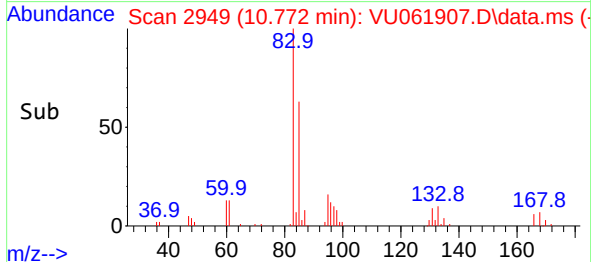
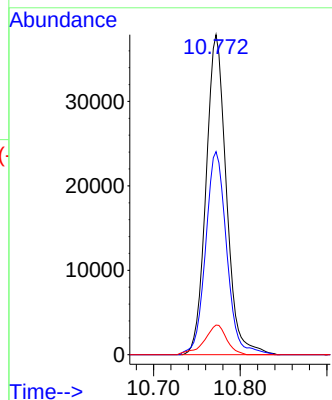
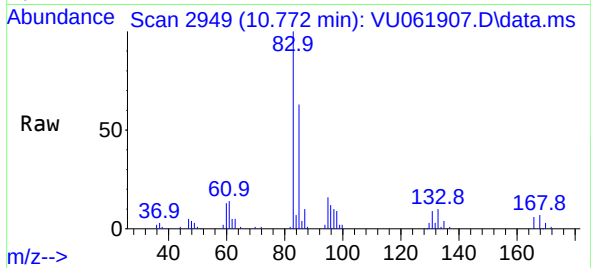




#57
1,1,2,2-Tetrachloroethane
Concen: 4.390 ug/L
RT: 10.772 min Scan# 2949
Delta R.T. 0.000 min
Lab File: VU061907.D
Acq: 21 Nov 2024 09:24

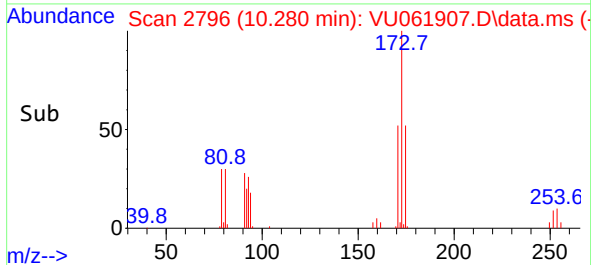
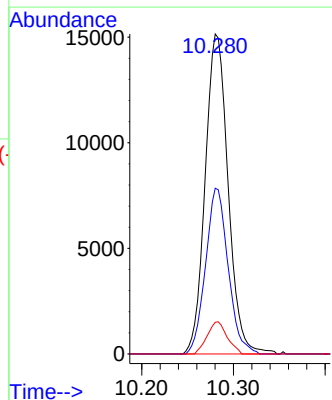
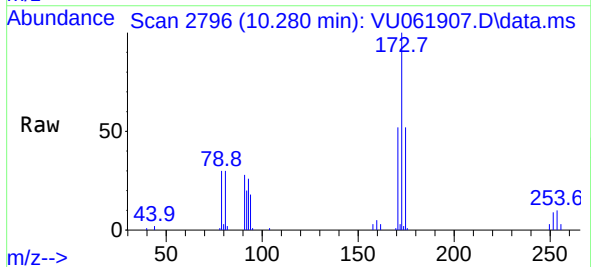
Instrument :
MSVOA_U
ClientSampleId :

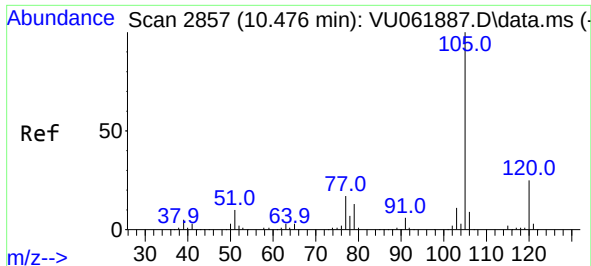
Tgt Ion:	83	Resp:	61699
Ion	Ratio	Lower	Upper
83	100		
85	63.5	44.4	82.4
131	9.3	7.3	10.9



#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

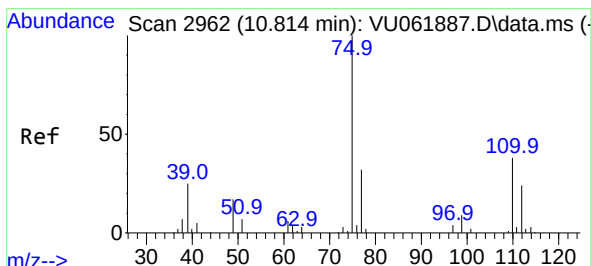
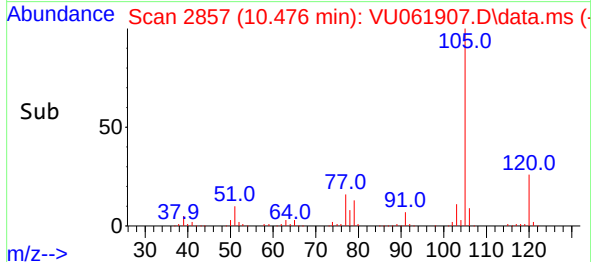
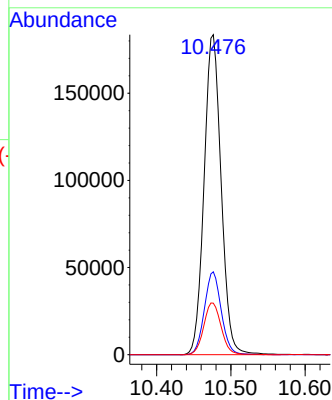
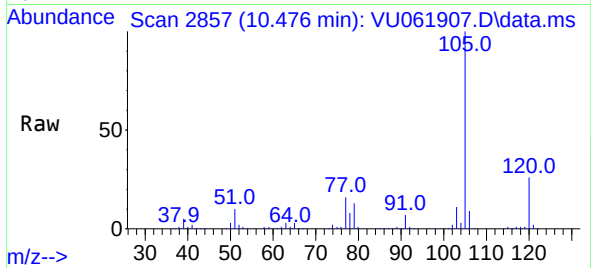




#60
Isopropylbenzene
Concen: 4.773 ug/L
RT: 10.476 min Scan# 2857
Delta R.T. 0.000 min
Lab File: VU061907.D
Acq: 21 Nov 2024 09:24

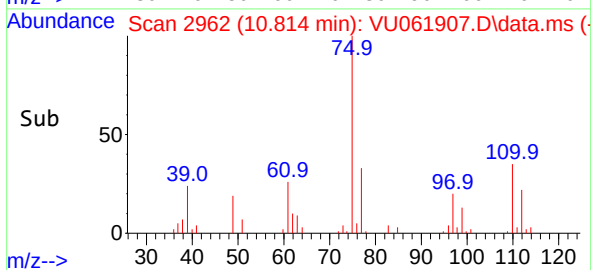
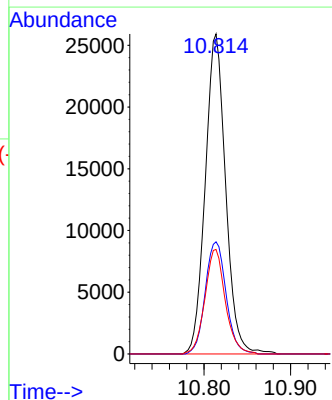
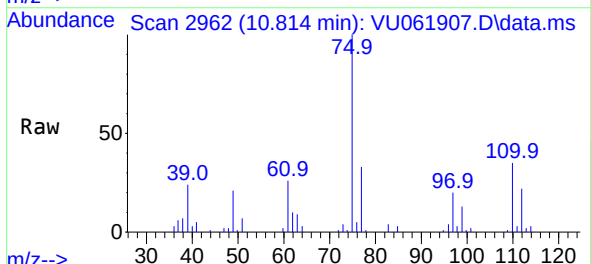
Instrument :
MSVOA_U
ClientSampleId :

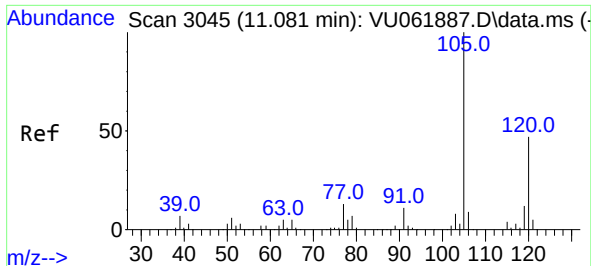
Tgt Ion:105 Resp: 292838
Ion Ratio Lower Upper
105 100
120 25.6 20.6 31.0
77 16.6 13.0 19.6



#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

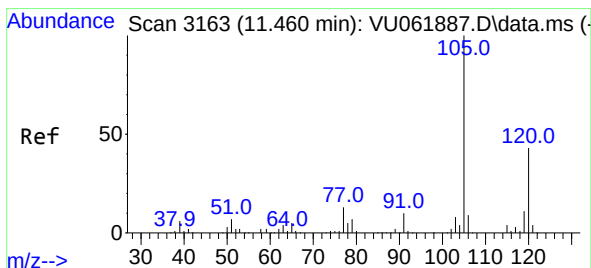
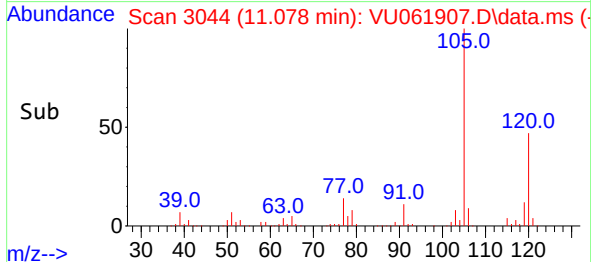
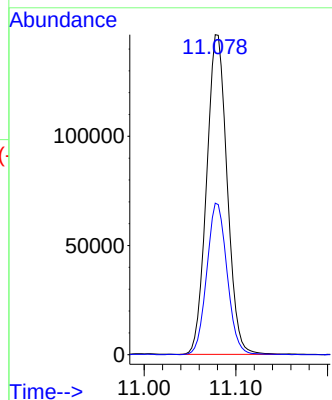
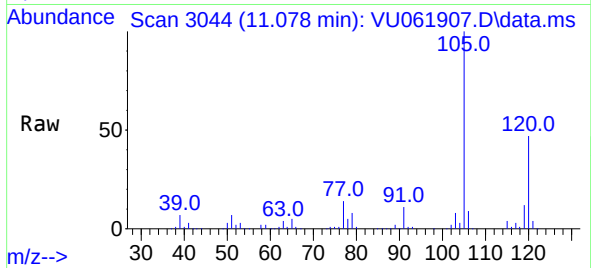




#62
1,3,5-Trimethylbenzene
Concen: 4.654 ug/L
RT: 11.078 min Scan# 3045
Delta R.T. -0.003 min
Lab File: VU061907.D
Acq: 21 Nov 2024 09:24

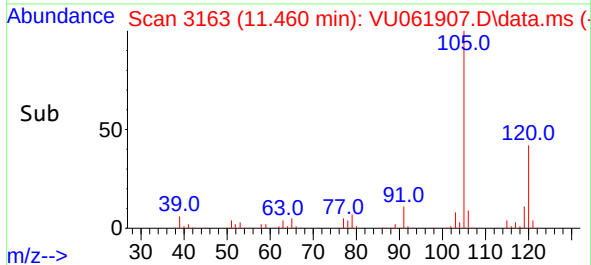
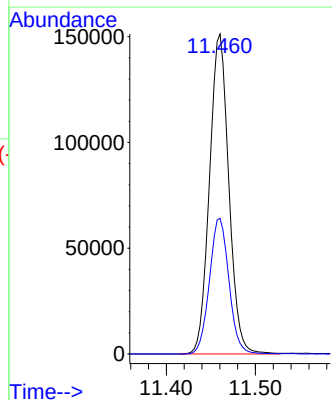
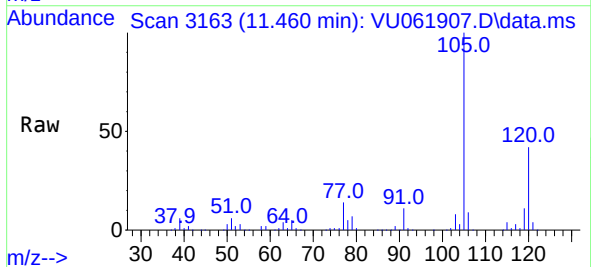
Instrument :
MSVOA_U
ClientSampleId :

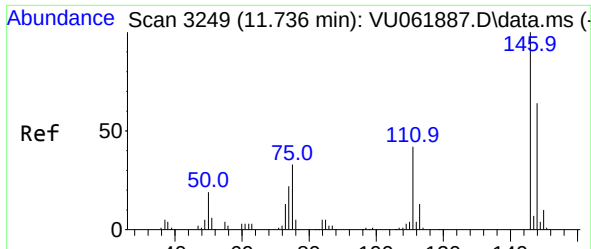
Tgt Ion:105 Resp: 227789
Ion Ratio Lower Upper
105 100
120 46.9 36.7 55.1



#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

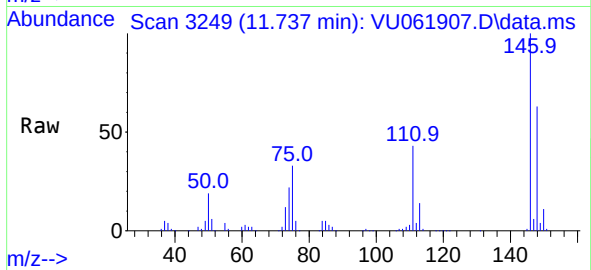
Tgt Ion:105 Resp: 227549
Ion Ratio Lower Upper
105 100
120 42.8 34.7 52.1



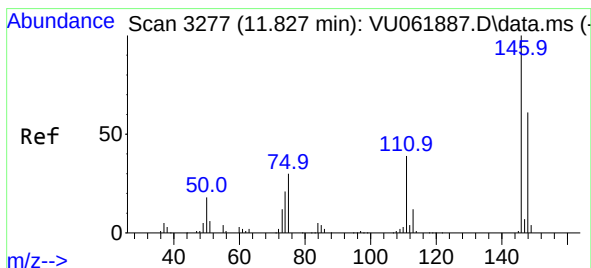
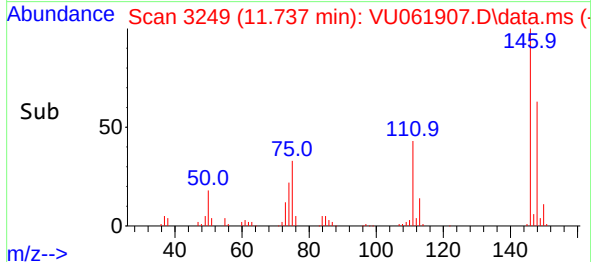
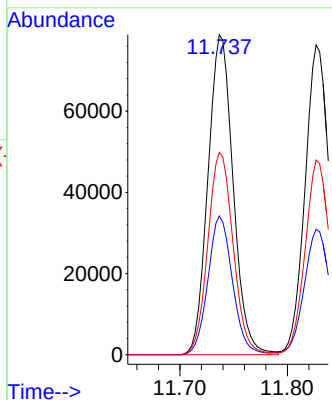


#64
1,3-Dichlorobenzene
Concen: 4.711 ug/L
RT: 11.737 min Scan# 31
Delta R.T. 0.000 min
Lab File: VU061907.D
Acq: 21 Nov 2024 09:24

Instrument :
MSVOA_U
ClientSampleId :

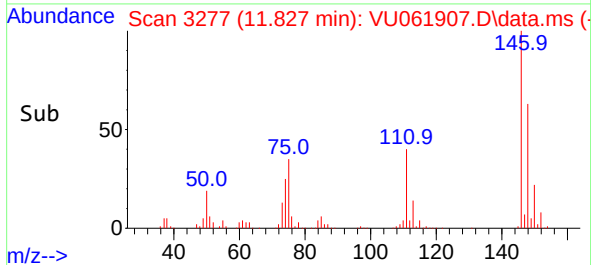
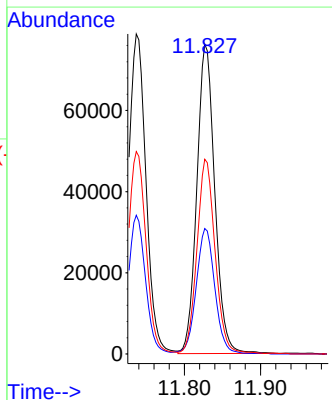
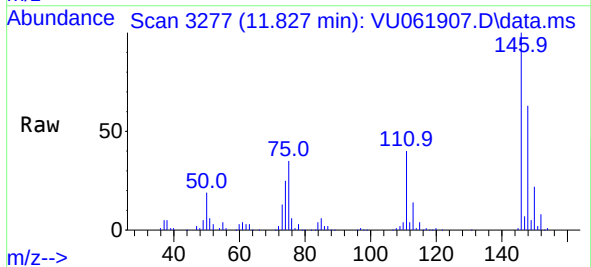


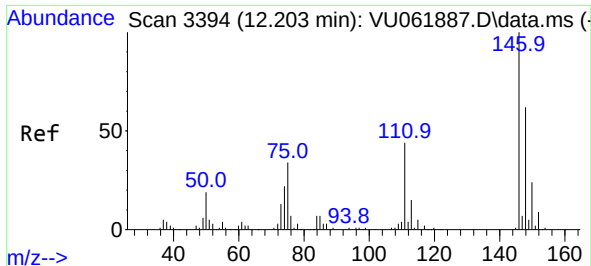
Tgt Ion:146 Resp: 128332
Ion Ratio Lower Upper
146 100
111 43.3 30.7 57.1
148 63.3 45.1 83.7



#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# 31

Delta R.T. 0.000 min

Lab File: VU061907.D

Acq: 21 Nov 2024 09:24

Instrument :

MSVOA_U

ClientSampleId :

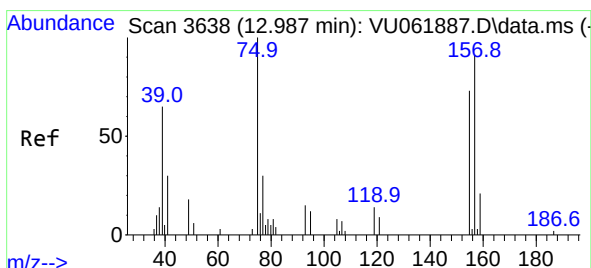
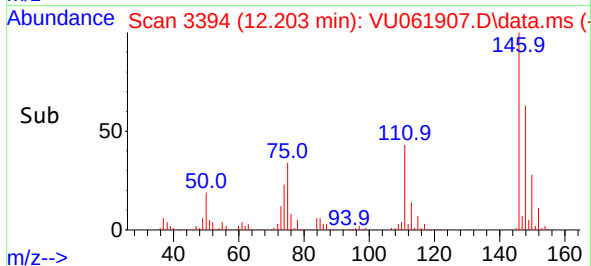
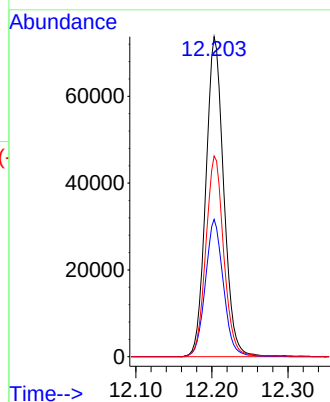
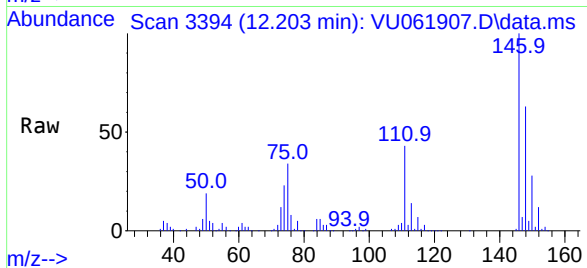
Tgt Ion:146 Resp: 120364

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

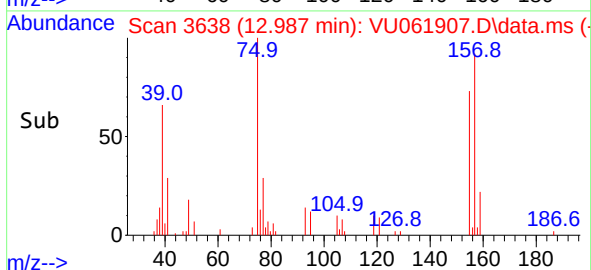
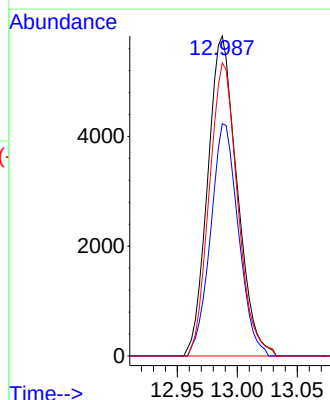
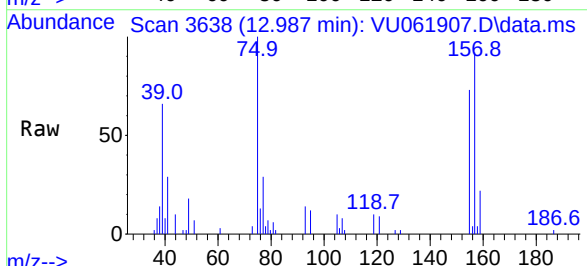
Tgt Ion: 75 Resp: 9928

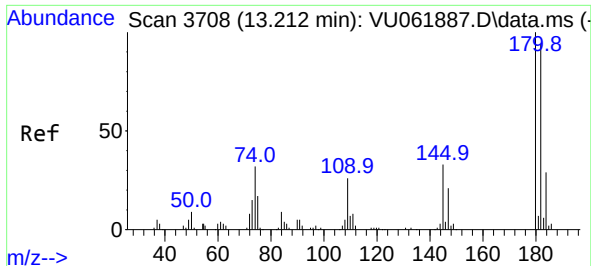
Ion Ratio Lower Upper

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# 31

Delta R.T. -0.003 min

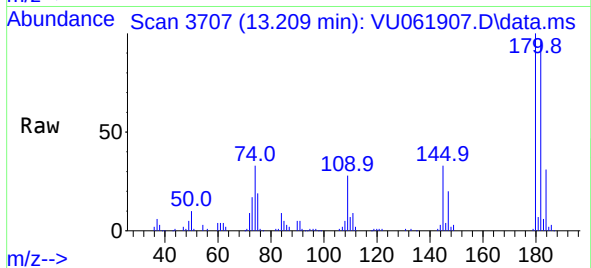
Lab File: VU061907.D

Acq: 21 Nov 2024 09:24

Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion:180 Resp: 97475

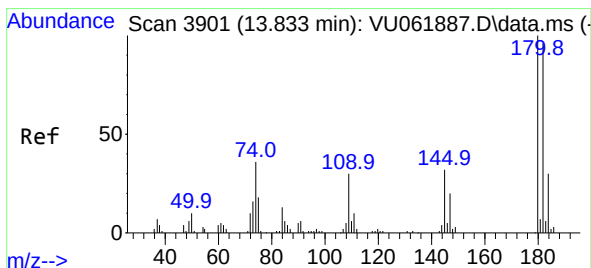
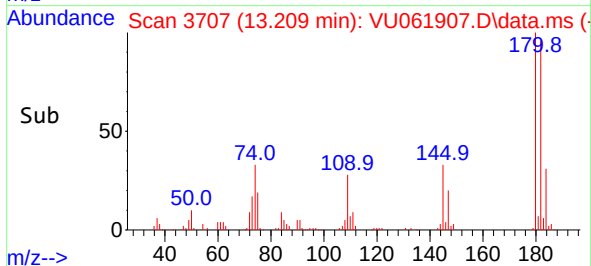
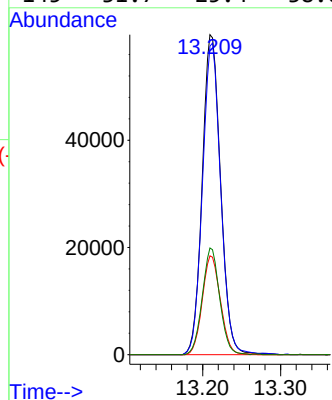
Ion Ratio Lower Upper

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

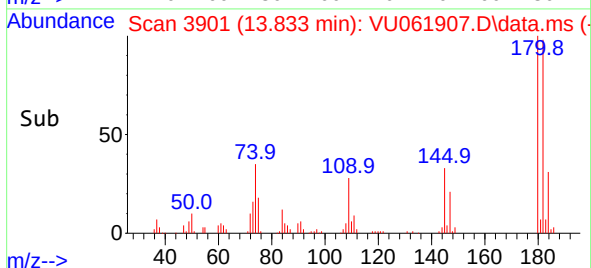
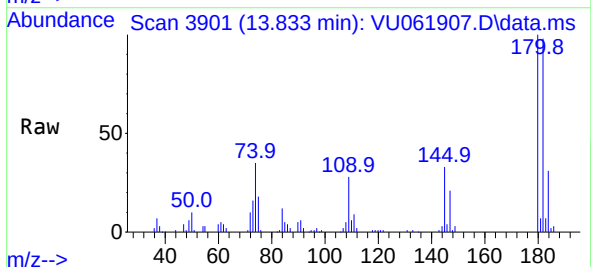
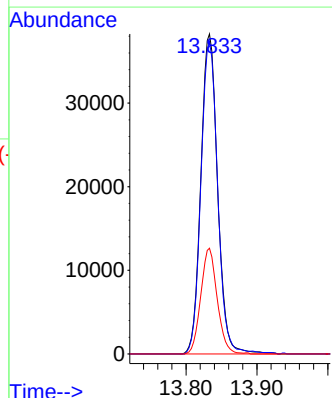
Tgt Ion:180 Resp: 62857

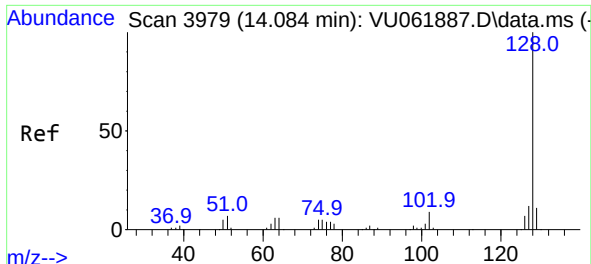
Ion Ratio Lower Upper

180 100

182 97.4 74.5 111.7

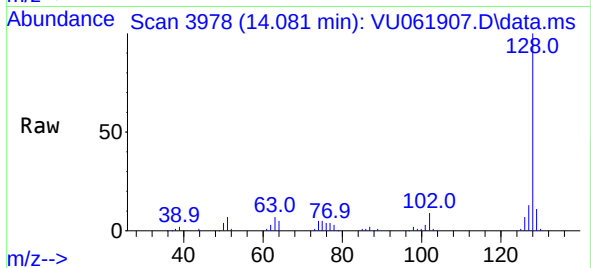
145 32.4 25.6 38.4



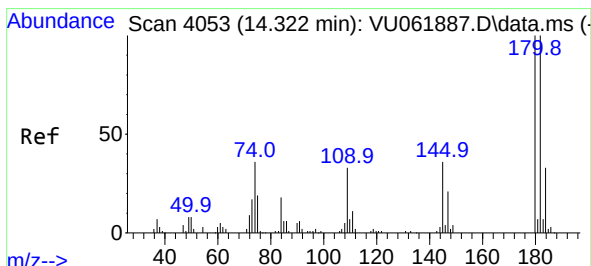
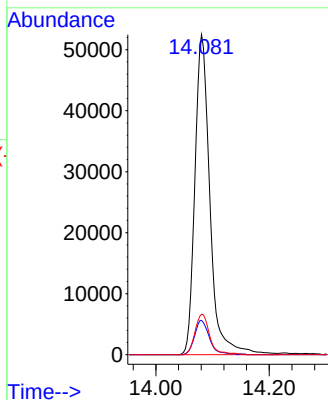


#71
Naphthalene
Concen: 4.828 ug/L
RT: 14.081 min Scan# 3979
Delta R.T. -0.003 min
Lab File: VU061907.D
Acq: 21 Nov 2024 09:24

Instrument :
MSVOA_U
ClientSampleId :



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

