

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU112024\
 Data File : VU061909.D
 Acq On : 21 Nov 2024 10:10
 Operator : MD/SY
 Sample : VSTDCCC005EC
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 59 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Nov 21 11:58:07 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	181056	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.409	117	172388	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	83604	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	38995	4.391	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	87.800%
7) Chloroethane-d5	1.907	69	34371	4.375	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	87.400%
11) 1,1-Dichloroethene-d2	2.560	65	16348	4.607	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	92.200%
20) 2-Butanone-d5	4.611	46	126807	45.469	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	90.940%
24) Chloroform-d	5.052	84	98458	4.544	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.800%
26) 1,2-Dichloroethane-d4	5.692	65	49735	4.460	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	89.200%
32) Benzene-d6	5.717	84	164678	4.903	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.000%
36) 1,2-Dichloropropane-d6	6.679	67	57153	5.008	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	100.200%
41) Toluene-d8	7.888	98	159073	5.678	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	113.600%
43) trans-1,3-Dichloroprop...	8.171	79	23451	5.550	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	111.000%
46) 2-Hexanone-d5	8.621	63	100631	52.182	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	104.360%
56) 1,1,2,2-Tetrachloroeth...	10.746	84	51265	4.495	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	90.000%
66) 1,2-Dichlorobenzene-d4	12.187	152	56803	4.595	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	91.800%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.380	85	76227	4.812	ug/L	99
3) Chloromethane	1.518	50	79477	4.868	ug/L	98
5) Vinyl chloride	1.602	62	81660	4.868	ug/L	100
6) Bromomethane	1.849	94	49367	4.944	ug/L	99
8) Chloroethane	1.927	64	48818	4.513	ug/L	99
9) Trichlorofluoromethane	2.132	101	104521	4.926	ug/L	97
10) 1,1,2-Trichloro-1,2,2-...	2.573	101	63312	4.849	ug/L	98
12) 1,1-Dichloroethene	2.573	96	59282	4.882	ug/L	99
13) Acetone	2.618	43	93740	48.683	ug/L	97
14) Carbon disulfide	2.785	76	186954	4.840	ug/L	100
15) Methyl Acetate	2.943	43	24781	5.012	ug/L	95
16) Methylene chloride	3.036	84	68483	4.697	ug/L	99
17) Methyl tert-butyl Ether	3.351	73	152931	4.914	ug/L	99
18) trans-1,2-Dichloroethene	3.345	96	62701	4.885	ug/L	99
19) 1,1-Dichloroethane	3.859	63	123725	4.948	ug/L	98
21) 2-Butanone	4.689	43	156647	50.336	ug/L	99
22) cis-1,2-Dichloroethene	4.656	96	72737	5.035	ug/L	99
23) Bromochloromethane	4.965	128	31976	5.092	ug/L	97
25) Chloroform	5.078	83	132605	5.074	ug/L	99

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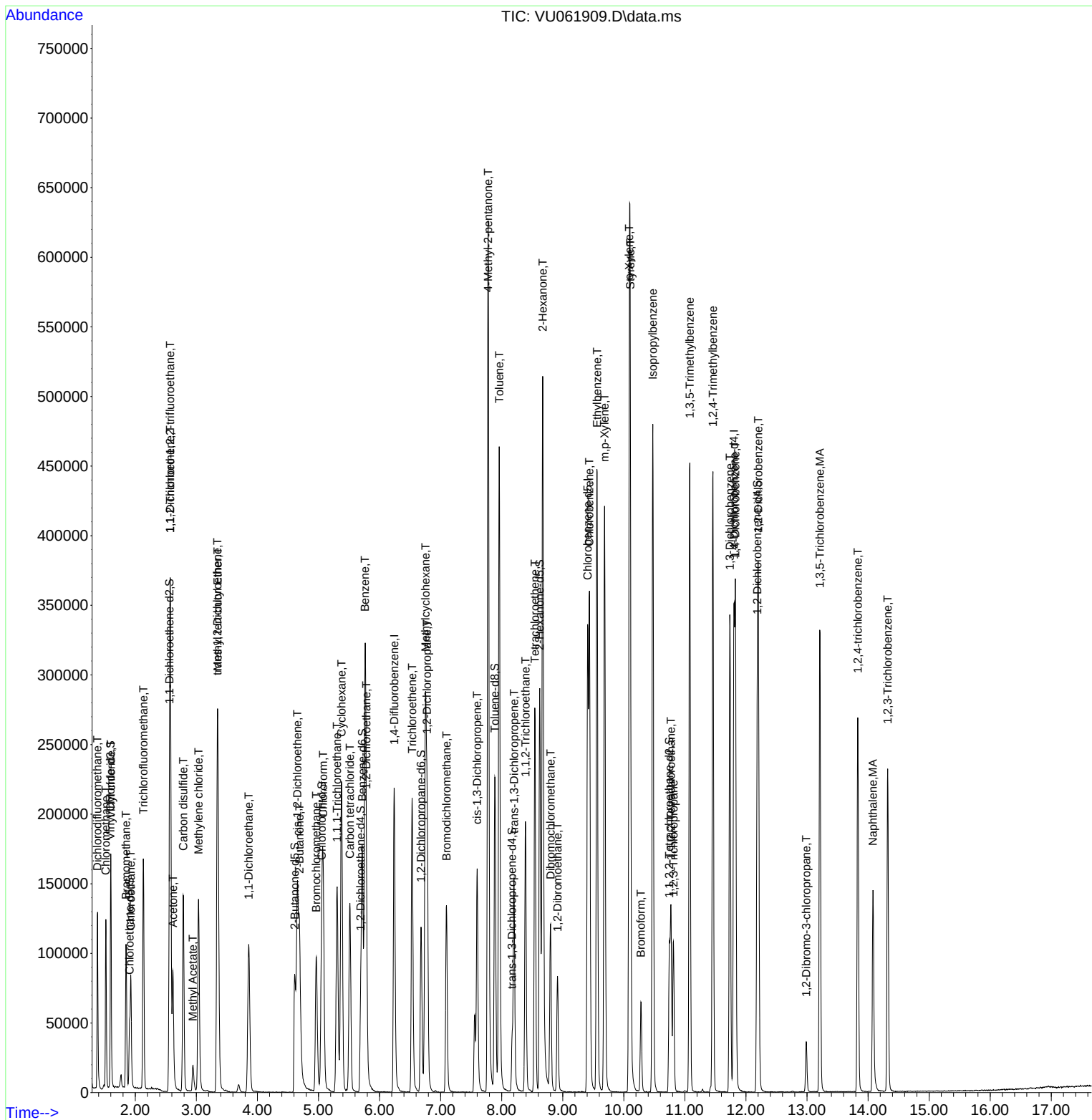
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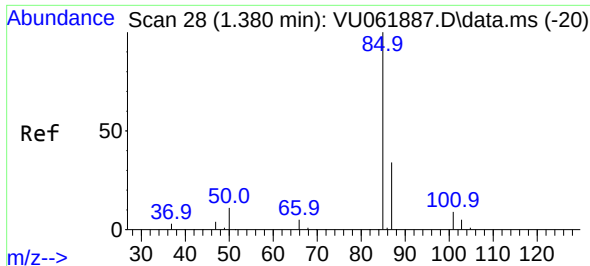
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 Quant Title : TRACE VOA SFAM1.0
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.785	62	83638	4.974	ug/L	99
29) 1,1,1-Trichloroethane	5.306	97	110119	5.542	ug/L	98
30) Cyclohexane	5.377	56	110139	5.299	ug/L	99
31) Carbon tetrachloride	5.515	117	92414	5.477	ug/L	99
33) Benzene	5.762	78	280763	5.393	ug/L	100
34) Trichloroethene	6.534	95	73502	5.290	ug/L	98
35) Methylcyclohexane	6.753	83	110205	5.185	ug/L	100
37) 1,2-Dichloropropane	6.779	63	73792	5.456	ug/L	99
38) Bromodichloromethane	7.097	83	89555	5.460	ug/L	97
39) cis-1,3-Dichloropropene	7.598	75	96898	5.109	ug/L	100
40) 4-Methyl-2-pentanone	7.778	43	395088	54.138	ug/L	100
42) Toluene	7.962	91	347734	6.365	ug/L	97
44) trans-1,3-Dichloropropene	8.203	75	90112	5.983	ug/L	98
45) 1,1,2-Trichloroethane	8.389	97	61316	6.154	ug/L	99
47) Tetrachloroethene	8.544	164	58549	5.794	ug/L	97
48) 2-Hexanone	8.672	43	331450	60.645	ug/L	99
49) Dibromochloromethane	8.801	129	62061	5.896	ug/L	94
50) 1,2-Dibromoethane	8.913	107	57140	5.778	ug/L	99
51) Chlorobenzene	9.438	112	183583	4.906	ug/L	99
52) Ethylbenzene	9.563	91	321544	4.918	ug/L	98
53) m,p-Xylene	9.685	106	119951	5.199	ug/L	99
54) o-Xylene	10.090	106	116753	5.014	ug/L	97
55) Styrene	10.106	104	195629	5.099	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.772	83	64510	5.052	ug/L	98
59) Bromoform	10.280	173	28509	4.587	ug/L	99
60) Isopropylbenzene	10.476	105	311077	4.772	ug/L	100
61) 1,2,3-Trichloropropane	10.814	75	45382	4.695	ug/L	100
62) 1,3,5-Trimethylbenzene	11.081	105	247859	4.766	ug/L	99
63) 1,2,4-Trimethylbenzene	11.460	105	244772	4.721	ug/L	100
64) 1,3-Dichlorobenzene	11.736	146	134405	4.644	ug/L	98
65) 1,4-Dichlorobenzene	11.830	146	131055	4.679	ug/L	99
67) 1,2-Dichlorobenzene	12.203	146	125229	4.976	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.987	75	10106	6.127	ug/L	95
69) 1,3,5-Trichlorobenzene	13.212	180	99703	5.790	ug/L	99
70) 1,2,4-trichlorobenzene	13.833	180	80212	6.078	ug/L	98
71) Naphthalene	14.080	128	127564	5.997	ug/L	100
72) 1,2,3-Trichlorobenzene	14.322	180	68019	5.984	ug/L	99

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

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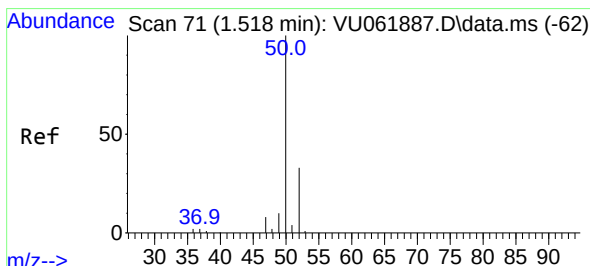
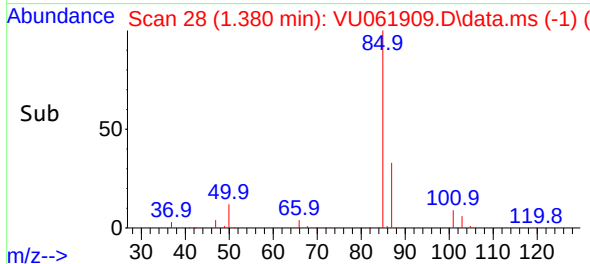
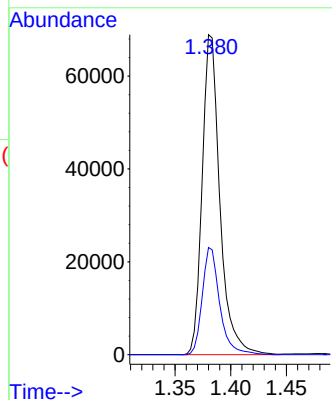
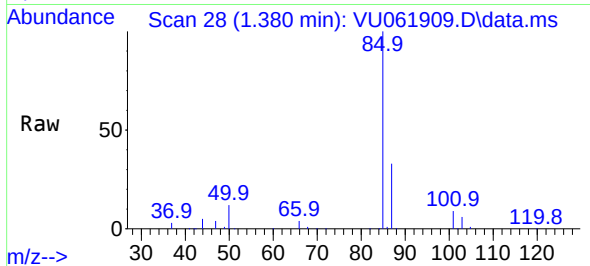




#2
Dichlorodifluoromethane
Concen: 4.812 ug/L
RT: 1.380 min Scan# 28
Delta R.T. 0.000 min
Lab File: VU061909.D
Acq: 21 Nov 2024 10:10

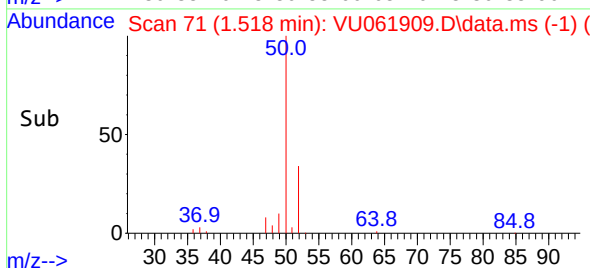
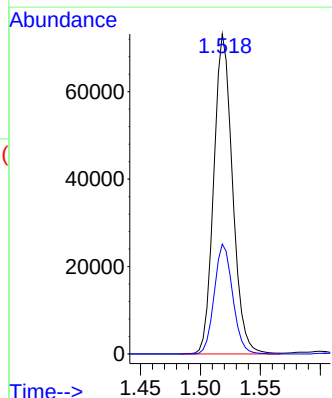
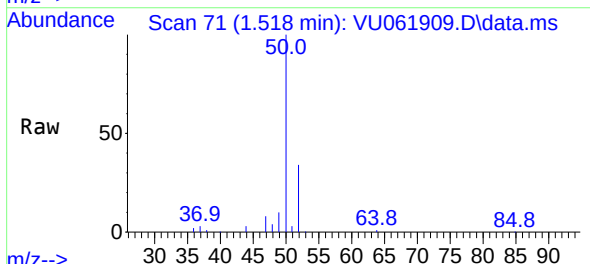
Instrument :
MSVOA_U
ClientSampleId :

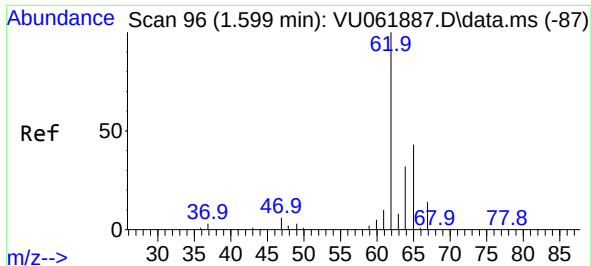
Tgt Ion: 85 Resp: 76227
Ion Ratio Lower Upper
85 100
87 32.9 26.6 40.0



#3
Chloromethane
Concen: 4.868 ug/L
RT: 1.518 min Scan# 71
Delta R.T. 0.000 min
Lab File: VU061909.D
Acq: 21 Nov 2024 10:10

Tgt Ion: 50 Resp: 79477
Ion Ratio Lower Upper
50 100
52 34.4 23.1 42.9

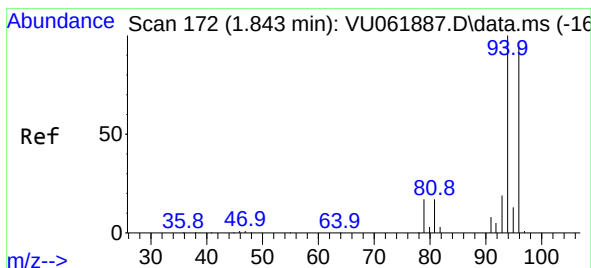
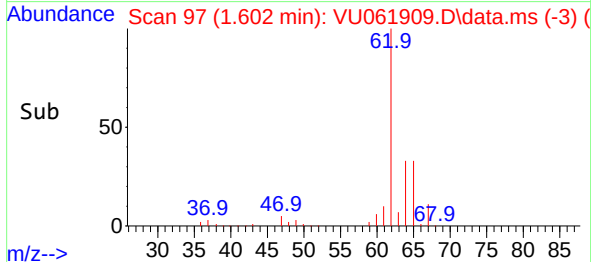
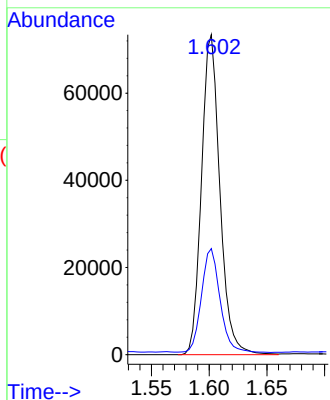
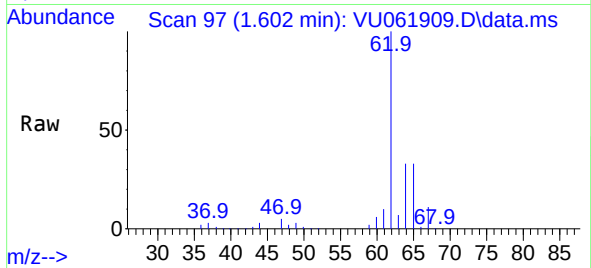




#5
Vinyl chloride
Concen: 4.868 ug/L
RT: 1.602 min Scan# 91
Delta R.T. 0.003 min
Lab File: VU061909.D
Acq: 21 Nov 2024 10:10

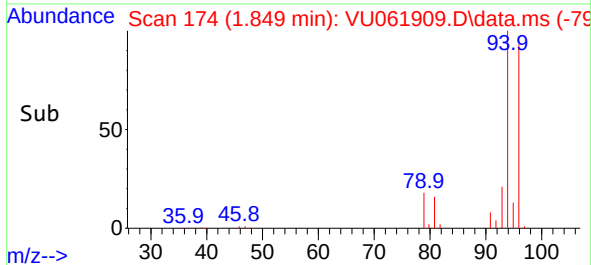
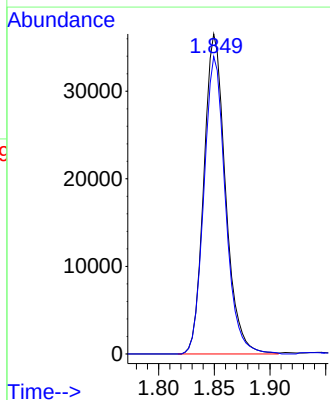
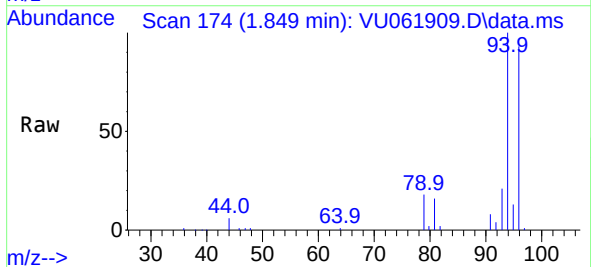
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MSVOA_U
ClientSampleId :

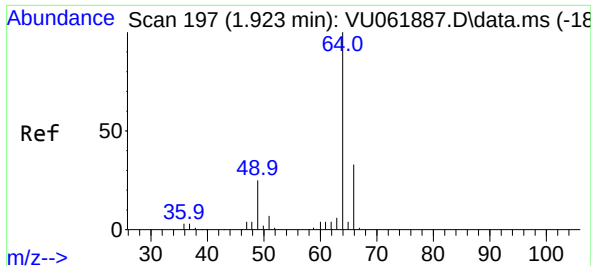
Tgt Ion: 62 Resp: 81660
Ion Ratio Lower Upper
62 100
64 33.1 23.1 42.9



#6
Bromomethane
Concen: 4.944 ug/L
RT: 1.849 min Scan# 174
Delta R.T. 0.006 min
Lab File: VU061909.D
Acq: 21 Nov 2024 10:10

Tgt Ion: 94 Resp: 49367
Ion Ratio Lower Upper
94 100
96 93.0 64.5 119.9

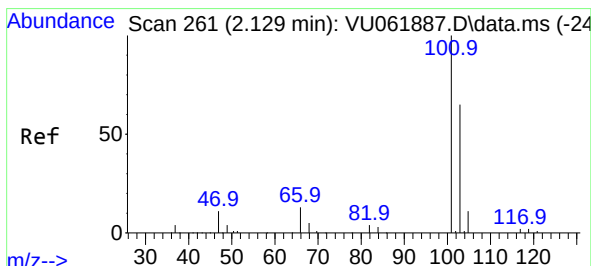
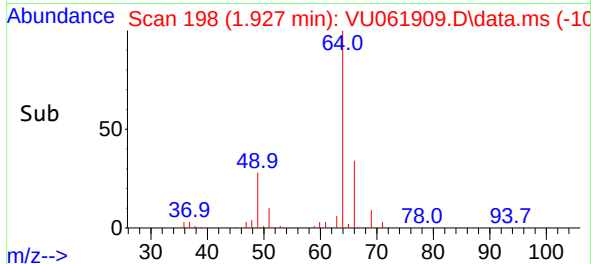
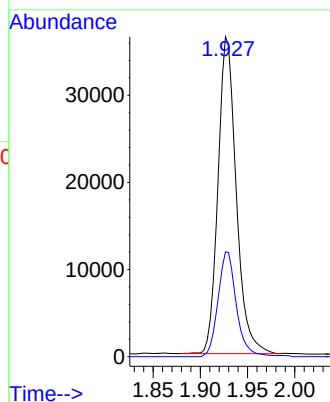
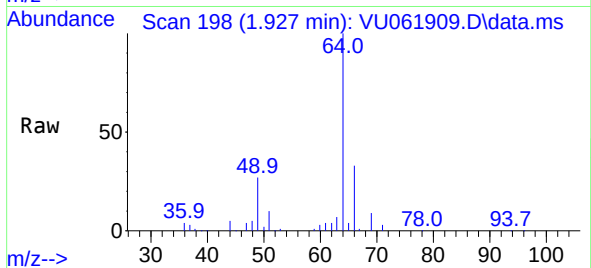




#8
Chloroethane
Concen: 4.513 ug/L
RT: 1.927 min Scan# 19
Delta R.T. 0.003 min
Lab File: VU061909.D
Acq: 21 Nov 2024 10:10

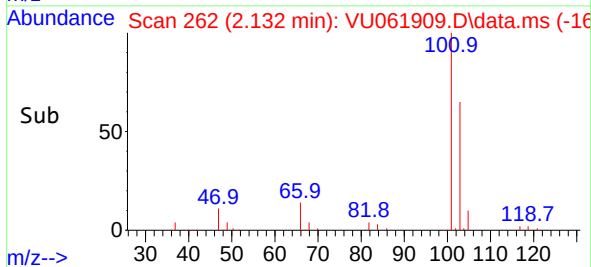
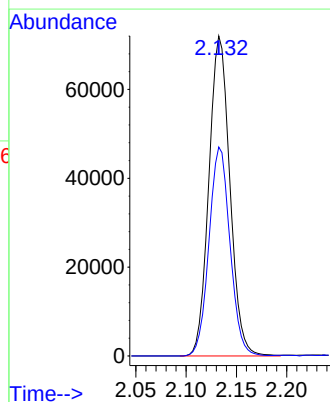
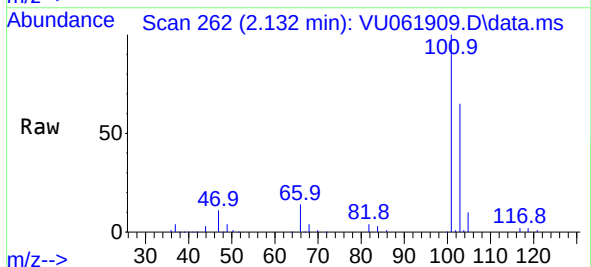
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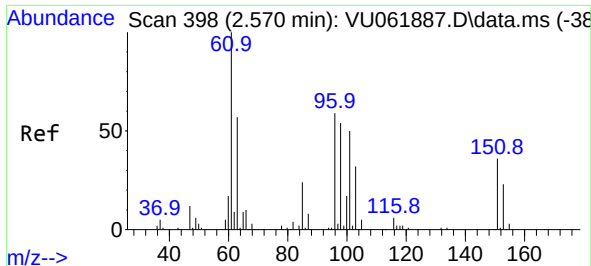
Tgt Ion: 64 Resp: 48818
Ion Ratio Lower Upper
64 100
66 32.8 23.2 43.2



#9
Trichlorofluoromethane
Concen: 4.926 ug/L
RT: 2.132 min Scan# 262
Delta R.T. 0.003 min
Lab File: VU061909.D
Acq: 21 Nov 2024 10:10

Tgt Ion:101 Resp: 104521
Ion Ratio Lower Upper
101 100
103 65.3 50.6 75.8

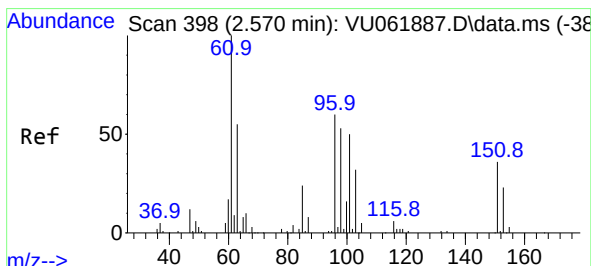
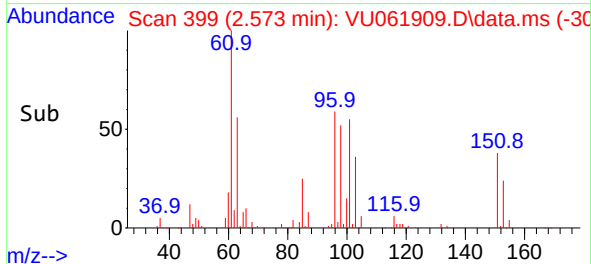
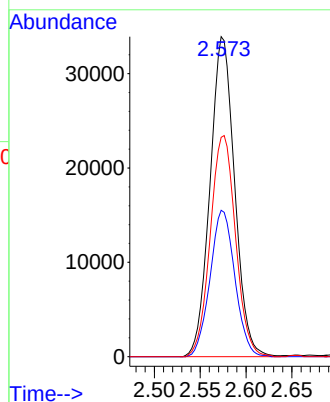
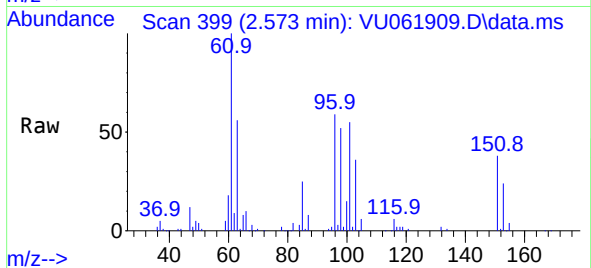




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 4.849 ug/L
RT: 2.573 min Scan# 399
Delta R.T. 0.003 min
Lab File: VU061909.D
Acq: 21 Nov 2024 10:10

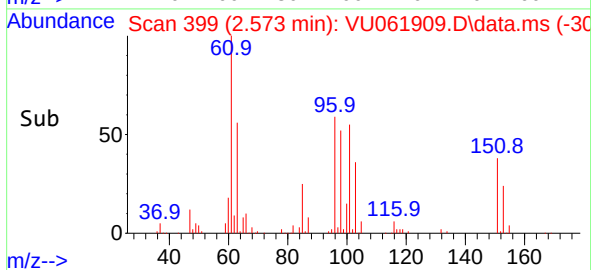
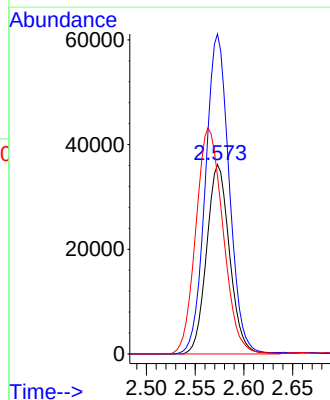
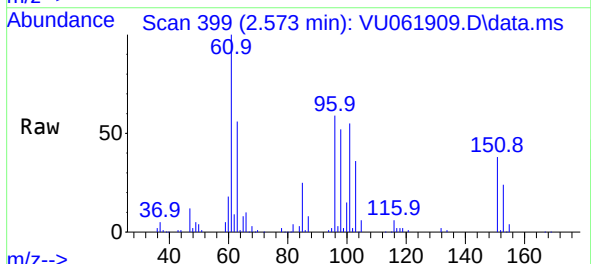
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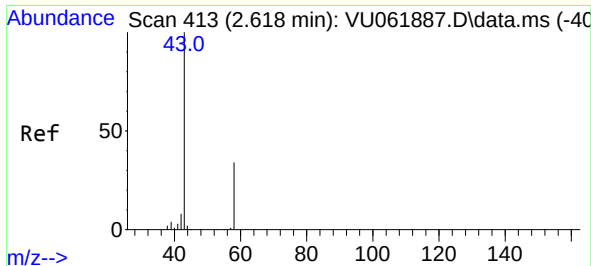
Tgt Ion:101 Resp: 63312
Ion Ratio Lower Upper
101 100
85 46.1 38.0 57.0
151 71.0 55.3 82.9



#12
1,1-Dichloroethene
Concen: 4.882 ug/L
RT: 2.573 min Scan# 399
Delta R.T. 0.003 min
Lab File: VU061909.D
Acq: 21 Nov 2024 10:10

Tgt Ion: 96 Resp: 59282
Ion Ratio Lower Upper
96 100
61 168.9 119.6 222.2
63 93.9 65.0 120.6





#13

Acetone

Concen: 48.683 ug/L

RT: 2.618 min Scan# 413

Delta R.T. 0.000 min

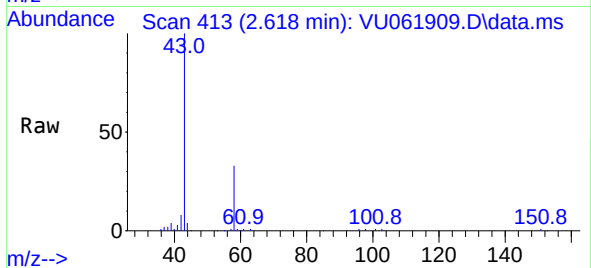
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Instrument :

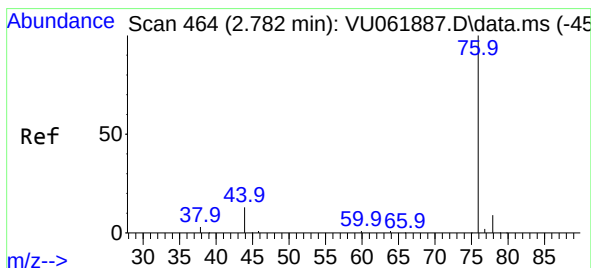
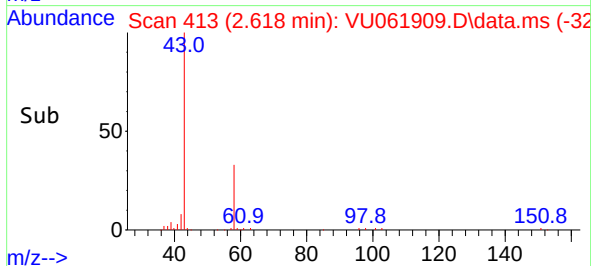
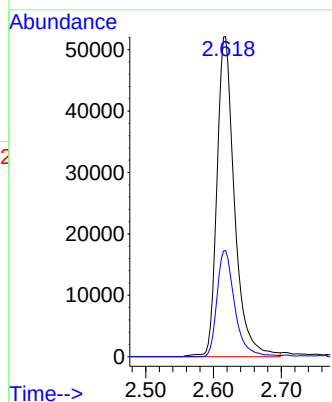
MSVOA_U

ClientSampleId :



Tgt Ion: 43 Resp: 93740

Ion	Ratio	Lower	Upper
43	100		
58	33.5	0.0	64.0



#14

Carbon disulfide

Concen: 4.840 ug/L

RT: 2.785 min Scan# 465

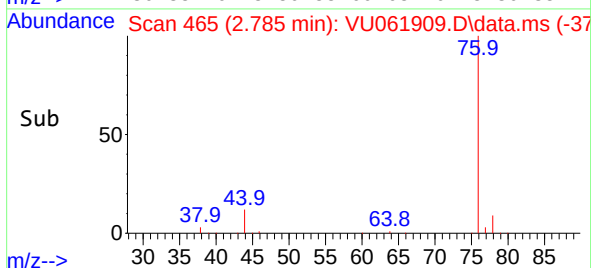
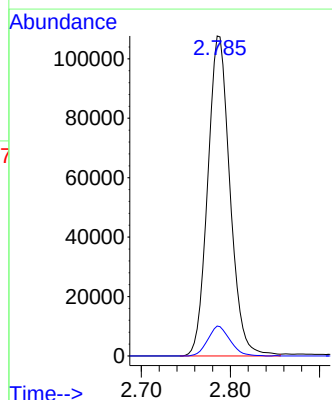
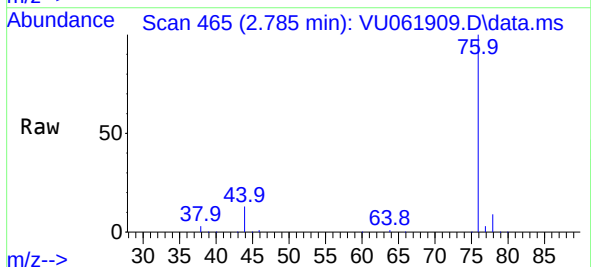
Delta R.T. 0.003 min

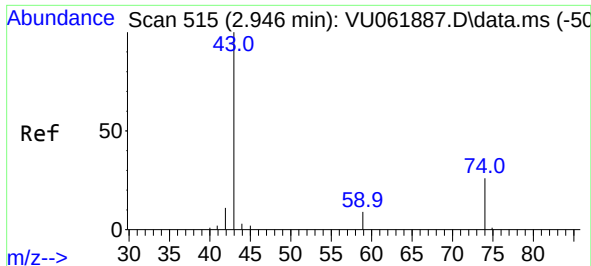
Lab File: VU061909.D

Acq: 21 Nov 2024 10:10

Tgt Ion: 76 Resp: 186954

Ion	Ratio	Lower	Upper
76	100		
78	9.4	7.5	11.3

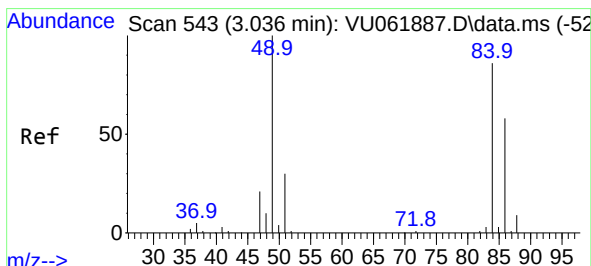
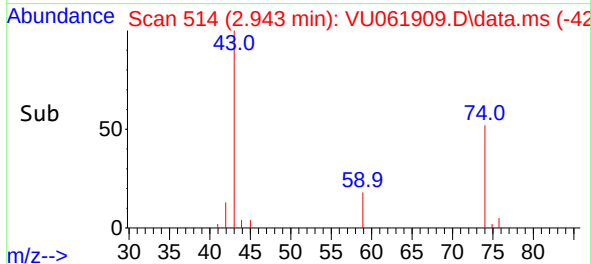
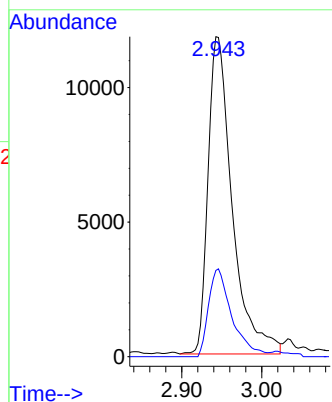
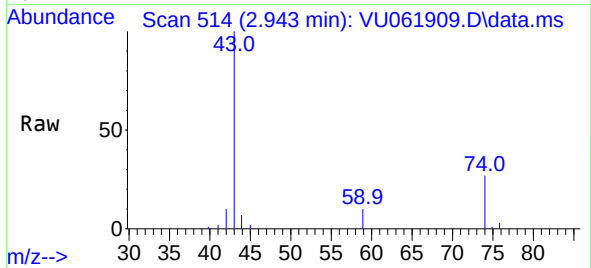




#15
Methyl Acetate
Concen: 5.012 ug/L
RT: 2.943 min Scan# 515
Delta R.T. -0.003 min
Lab File: VU061909.D
Acq: 21 Nov 2024 10:10

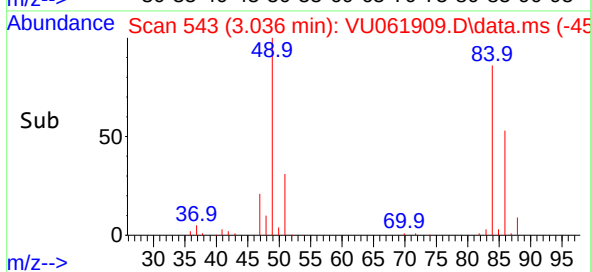
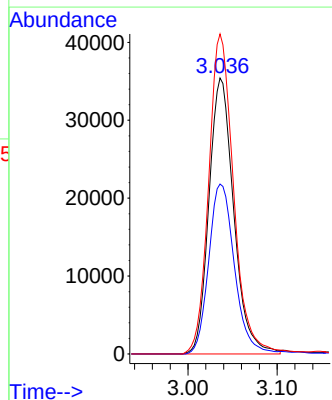
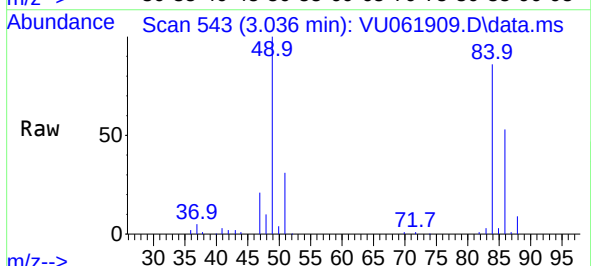
Instrument :
MSVOA_U
ClientSampleId :

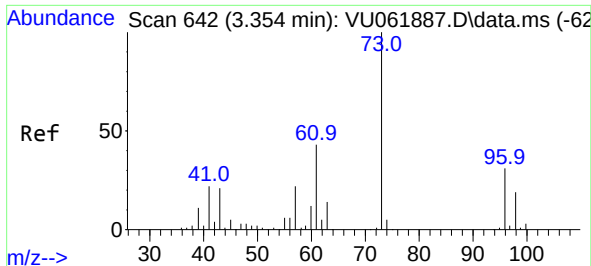
Tgt Ion: 43 Resp: 24781
Ion Ratio Lower Upper
43 100
74 26.7 19.4 29.2



#16
Methylene chloride
Concen: 4.697 ug/L
RT: 3.036 min Scan# 543
Delta R.T. 0.000 min
Lab File: VU061909.D
Acq: 21 Nov 2024 10:10

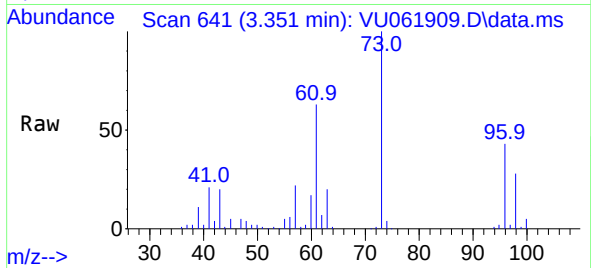
Tgt Ion: 84 Resp: 68483
Ion Ratio Lower Upper
84 100
86 61.6 43.5 80.7
49 115.9 81.9 152.1





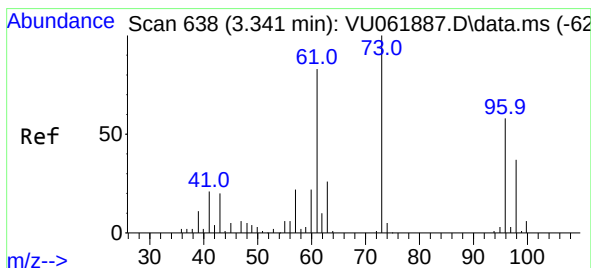
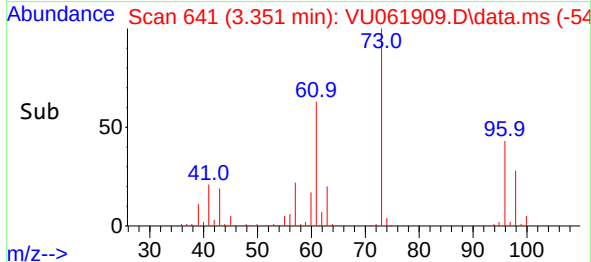
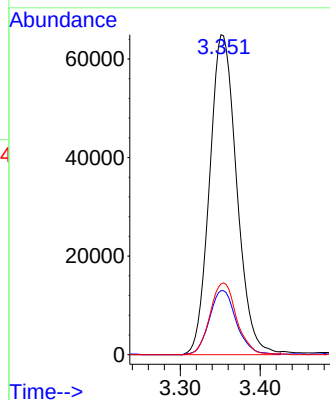
#17
Methyl tert-butyl Ether
Concen: 4.914 ug/L
RT: 3.351 min Scan# 641
Delta R.T. -0.003 min
Lab File: VU061909.D
Acq: 21 Nov 2024 10:10

Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion: 73 Resp: 152931

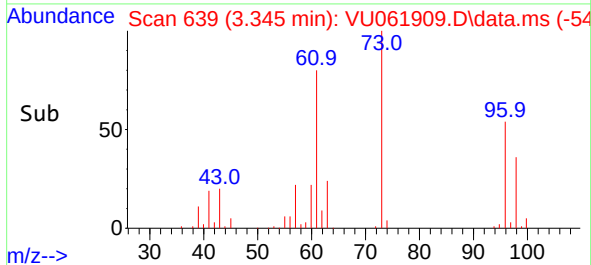
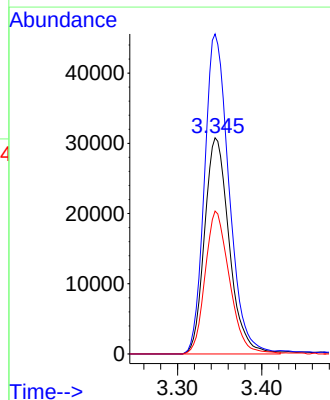
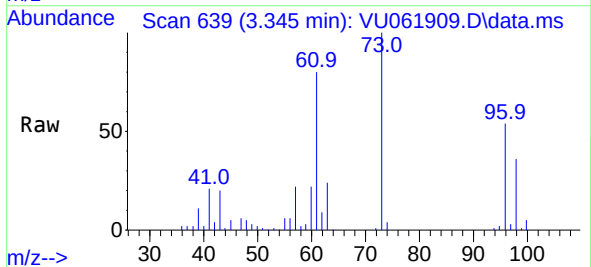
Ion	Ratio	Lower	Upper
73	100		
43	20.0	16.3	24.5
57	22.1	17.1	25.7

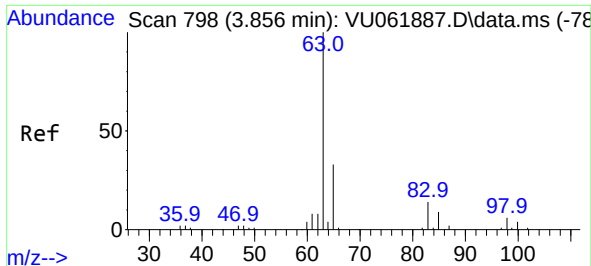


#18
trans-1,2-Dichloroethene
Concen: 4.885 ug/L
RT: 3.345 min Scan# 639
Delta R.T. 0.003 min
Lab File: VU061909.D
Acq: 21 Nov 2024 10:10

Tgt Ion: 96 Resp: 62701

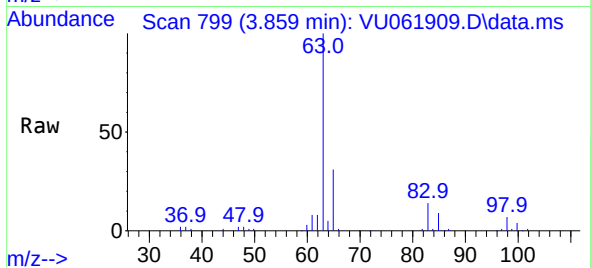
Ion	Ratio	Lower	Upper
96	100		
61	148.0	104.2	193.4
98	66.1	45.7	84.9



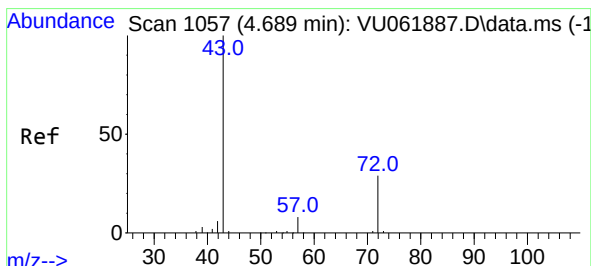
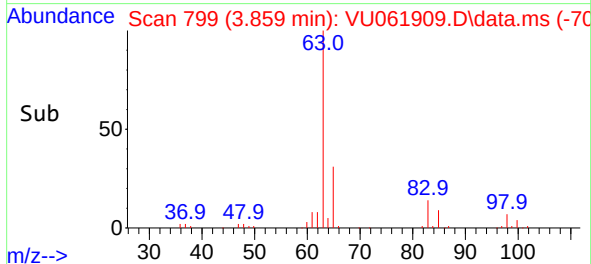
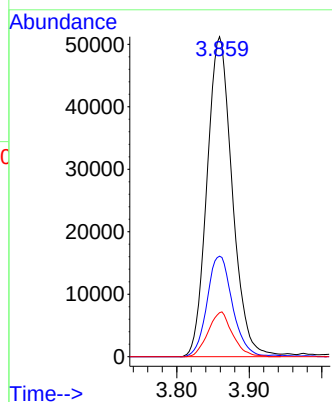


#19
1,1-Dichloroethane
Concen: 4.948 ug/L
RT: 3.859 min Scan# 798
Delta R.T. 0.003 min
Lab File: VU061909.D
Acq: 21 Nov 2024 10:10

Instrument :
MSVOA_U
ClientSampleId :

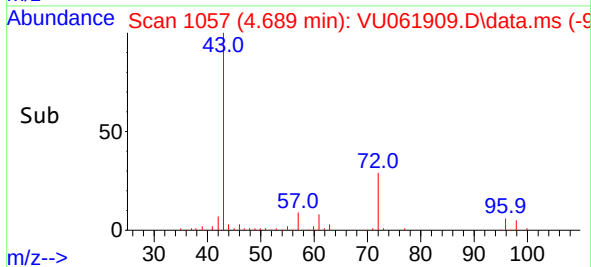
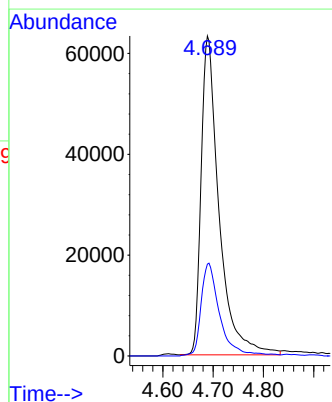
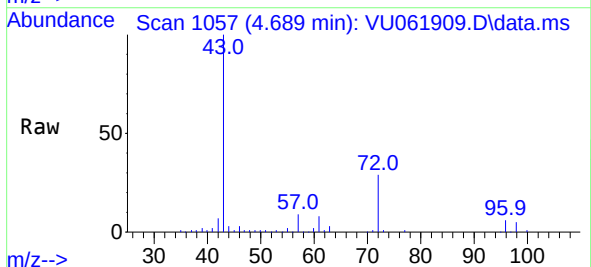


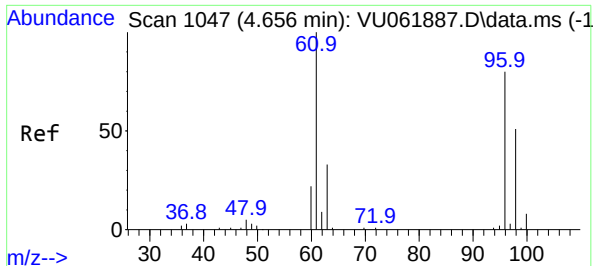
Tgt Ion: 63 Resp: 123725
Ion Ratio Lower Upper
63 100
65 31.4 22.7 42.3
83 13.8 9.9 18.3



#21
2-Butanone
Concen: 50.336 ug/L
RT: 4.689 min Scan# 1057
Delta R.T. 0.000 min
Lab File: VU061909.D
Acq: 21 Nov 2024 10:10

Tgt Ion: 43 Resp: 156647
Ion Ratio Lower Upper
43 100
72 30.0 14.8 44.4



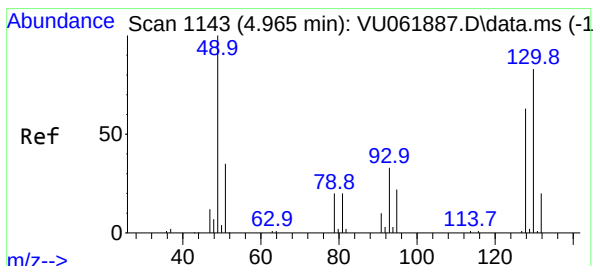
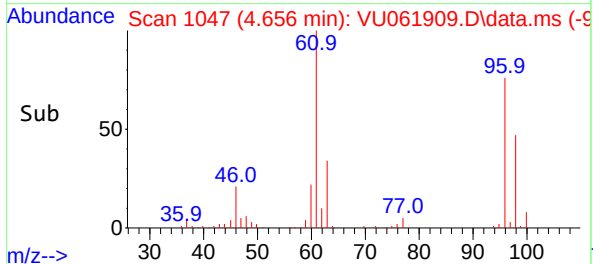
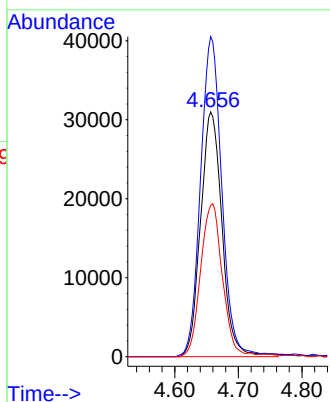
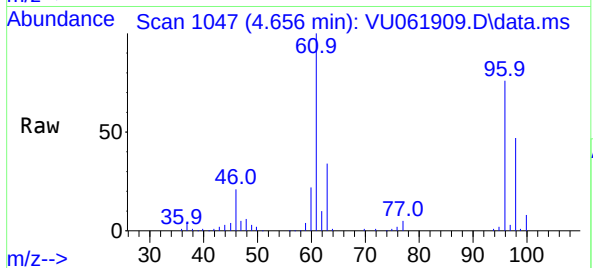


#22
 cis-1,2-Dichloroethene
 Concen: 5.035 ug/L
 RT: 4.656 min Scan# 1047
 Delta R.T. 0.000 min
 Lab File: VU061909.D
 Acq: 21 Nov 2024 10:10

Instrument :
 MSVOA_U
 ClientSampleId :

Tgt Ion: 96 Resp: 72737

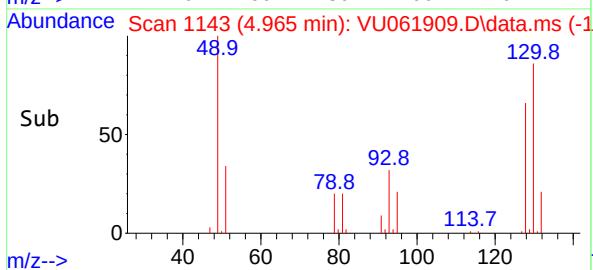
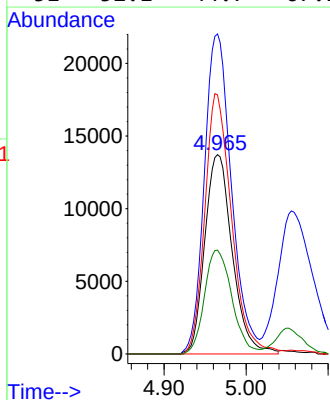
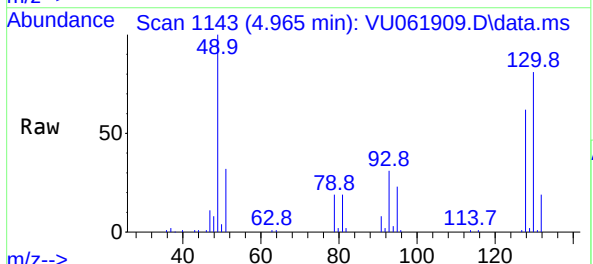
Ion	Ratio	Lower	Upper
96	100		
61	130.7	92.0	170.8
98	61.8	44.5	82.7

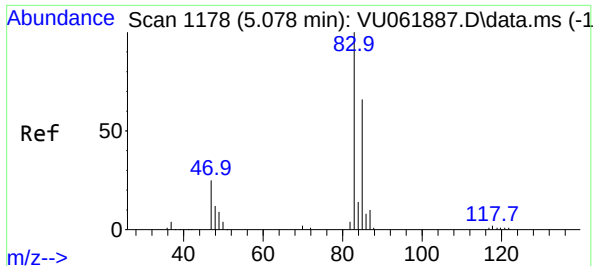


#23
 Bromochloromethane
 Concen: 5.092 ug/L
 RT: 4.965 min Scan# 1143
 Delta R.T. 0.000 min
 Lab File: VU061909.D
 Acq: 21 Nov 2024 10:10

Tgt Ion: 128 Resp: 31976

Ion	Ratio	Lower	Upper
128	100		
49	160.5	115.3	214.1
130	130.0	92.0	170.8
51	52.1	44.7	67.1

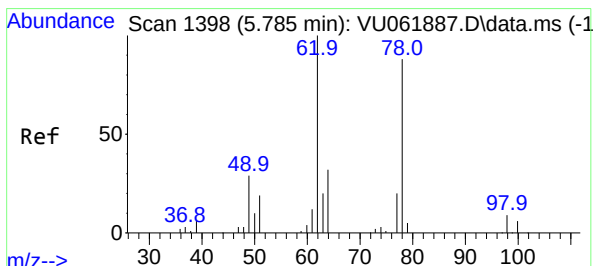
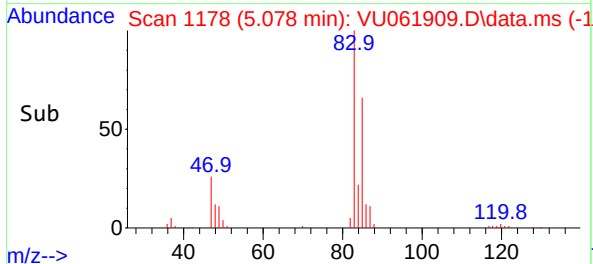
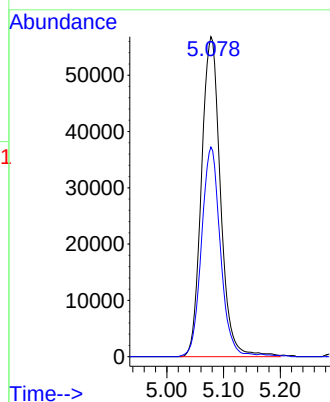
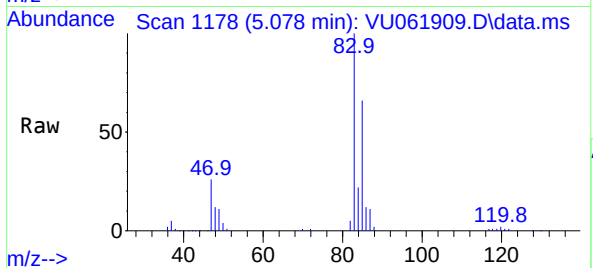




#25
Chloroform
Concen: 5.074 ug/L
RT: 5.078 min Scan# 1178
Delta R.T. 0.000 min
Lab File: VU061909.D
Acq: 21 Nov 2024 10:10

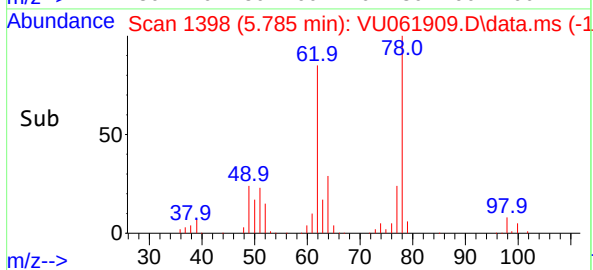
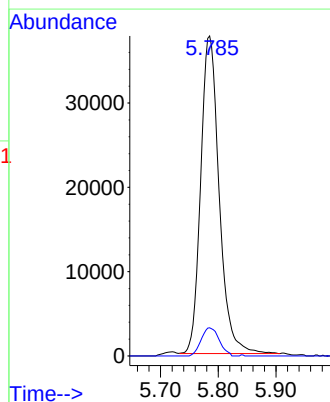
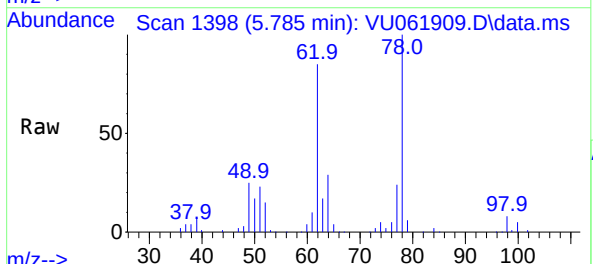
Instrument :
MSVOA_U
ClientSampleId :

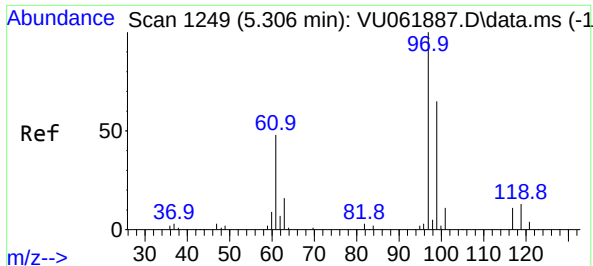
Tgt Ion: 83 Resp: 132605
Ion Ratio Lower Upper
83 100
85 65.5 45.4 84.2



#27
1,2-Dichloroethane
Concen: 4.974 ug/L
RT: 5.785 min Scan# 1398
Delta R.T. 0.000 min
Lab File: VU061909.D
Acq: 21 Nov 2024 10:10

Tgt Ion: 62 Resp: 83638
Ion Ratio Lower Upper
62 100
98 8.8 7.4 11.0

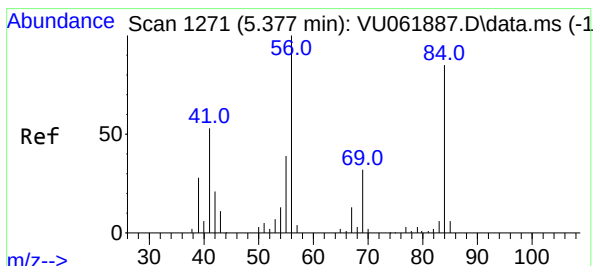
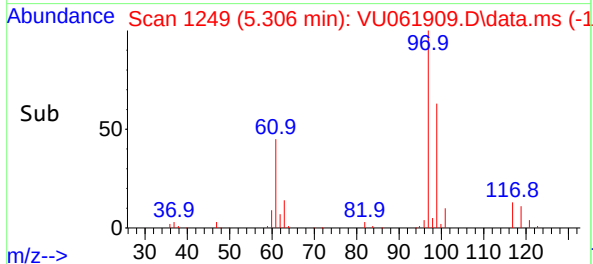
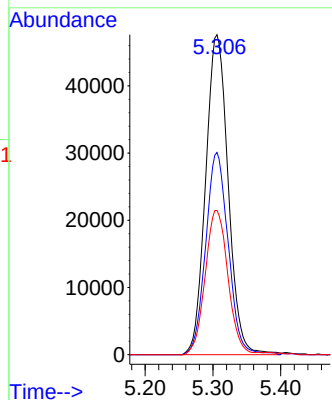
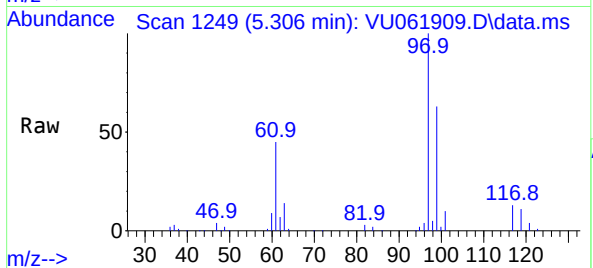




#29
1,1,1-Trichloroethane
Concen: 5.542 ug/L
RT: 5.306 min Scan# 11
Delta R.T. 0.000 min
Lab File: VU061909.D
Acq: 21 Nov 2024 10:10

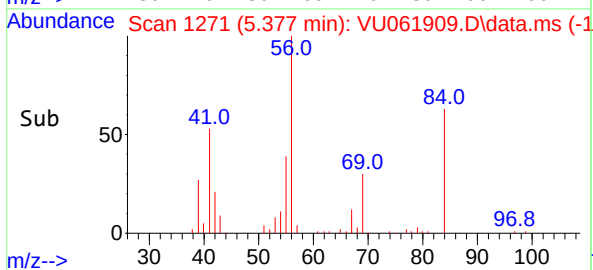
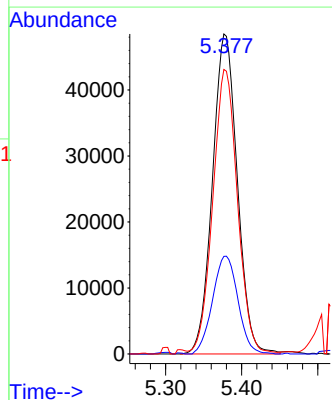
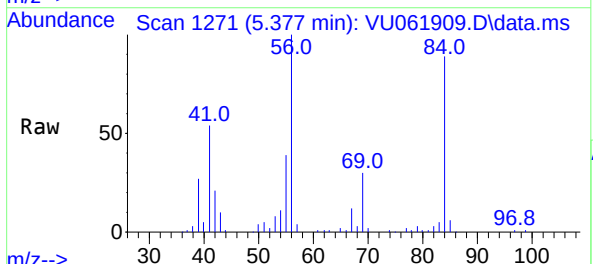
Instrument :
MSVOA_U
ClientSampleId :

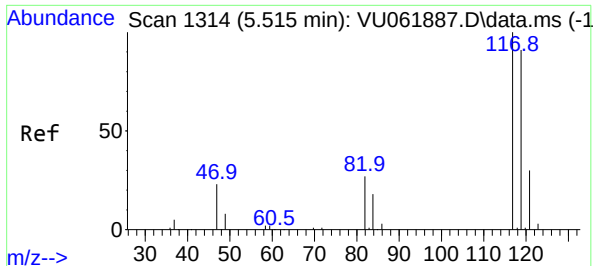
Tgt Ion: 97 Resp: 110119
Ion Ratio Lower Upper
97 100
99 63.3 51.4 77.2
61 45.5 37.8 56.6



#30
Cyclohexane
Concen: 5.299 ug/L
RT: 5.377 min Scan# 1271
Delta R.T. -0.000 min
Lab File: VU061909.D
Acq: 21 Nov 2024 10:10

Tgt Ion: 56 Resp: 110139
Ion Ratio Lower Upper
56 100
69 31.2 25.1 37.7
84 86.8 70.6 105.8

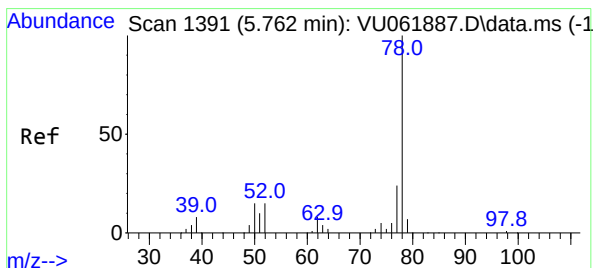
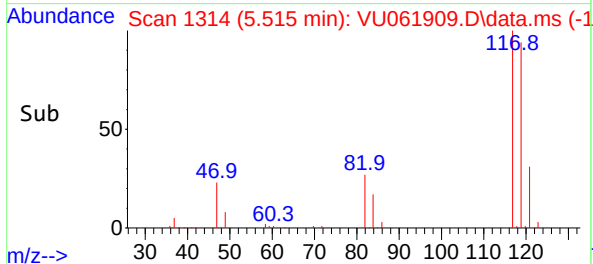
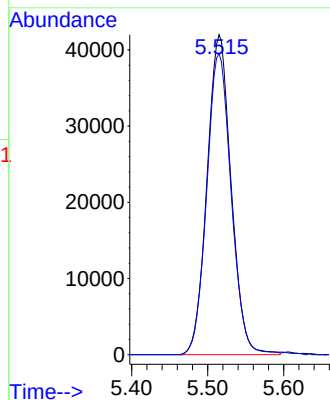
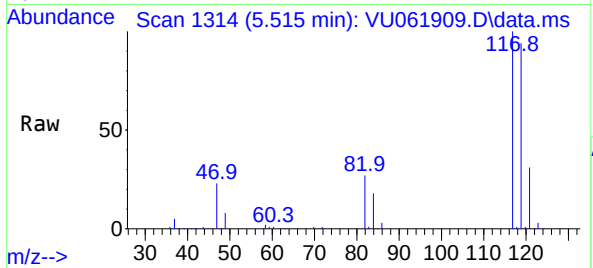




#31
Carbon tetrachloride
Concen: 5.477 ug/L
RT: 5.515 min Scan# 117
Delta R.T. 0.000 min
Lab File: VU061909.D
Acq: 21 Nov 2024 10:10

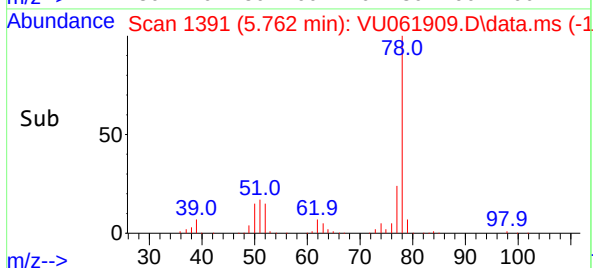
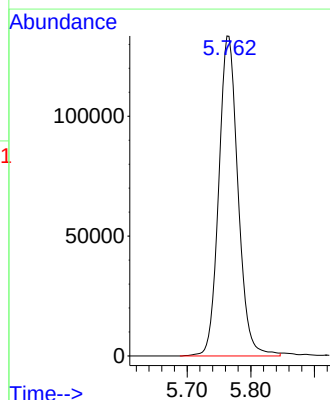
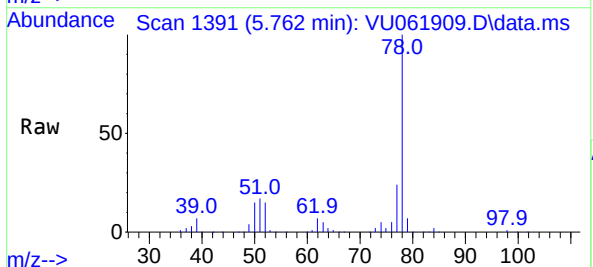
Instrument :
MSVOA_U
ClientSampleId :

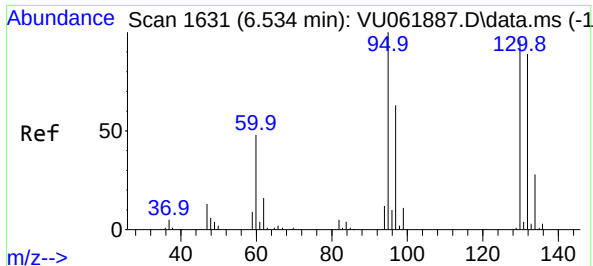
Tgt Ion:117 Resp: 92414
Ion Ratio Lower Upper
117 100
119 95.9 77.5 116.3



#33
Benzene
Concen: 5.393 ug/L
RT: 5.762 min Scan# 1391
Delta R.T. 0.000 min
Lab File: VU061909.D
Acq: 21 Nov 2024 10:10

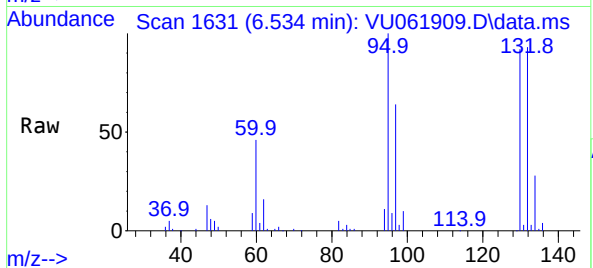
Tgt Ion: 78 Resp: 280763



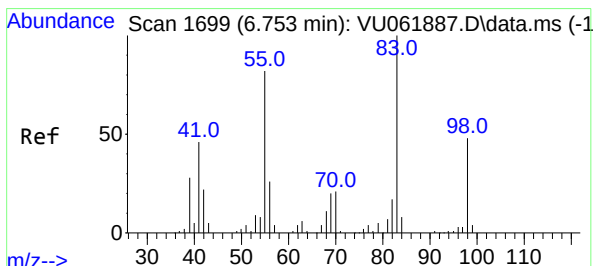
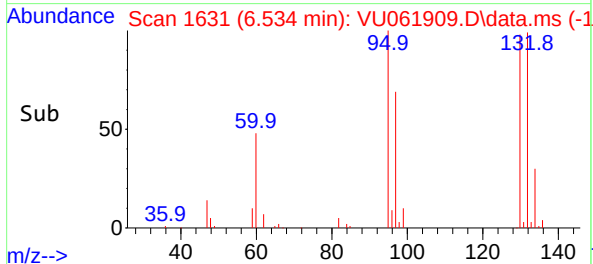
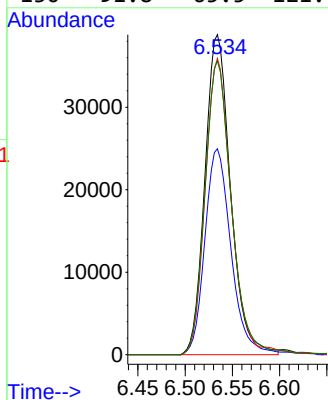


#34
Trichloroethene
Concen: 5.290 ug/L
RT: 6.534 min Scan# 1631
Delta R.T. 0.000 min
Lab File: VU061909.D
Acq: 21 Nov 2024 10:10

Instrument :
MSVOA_U
ClientSampleId :

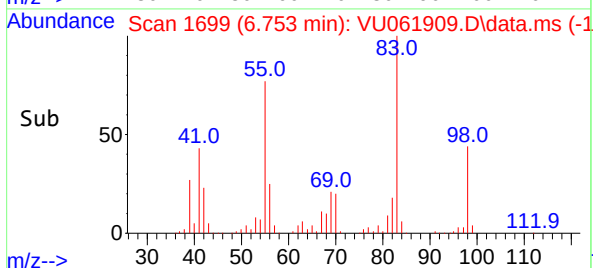
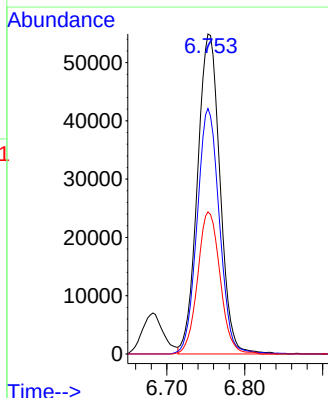
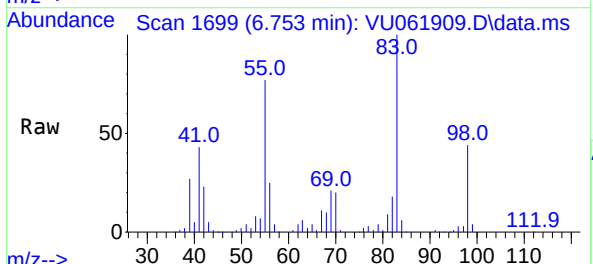


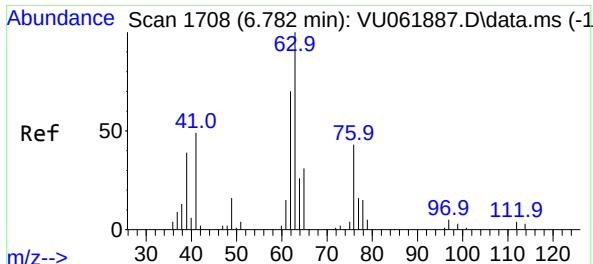
Tgt Ion: 95 Resp: 73502
Ion Ratio Lower Upper
95 100
97 64.4 45.9 85.3
132 92.5 63.8 118.4
130 91.8 65.5 121.7



#35
Methylcyclohexane
Concen: 5.185 ug/L
RT: 6.753 min Scan# 1699
Delta R.T. 0.000 min
Lab File: VU061909.D
Acq: 21 Nov 2024 10:10

Tgt Ion: 83 Resp: 110205
Ion Ratio Lower Upper
83 100
55 75.9 60.7 91.1
98 44.3 34.8 52.2

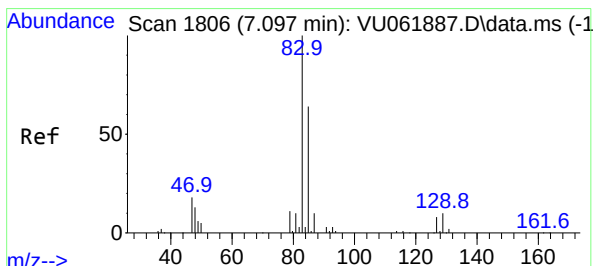
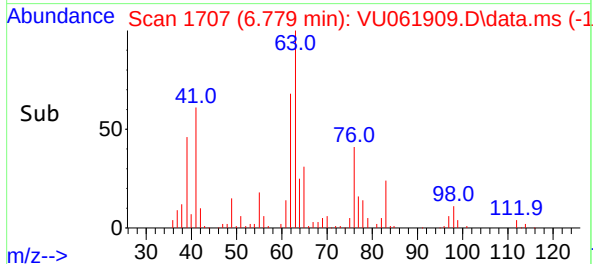
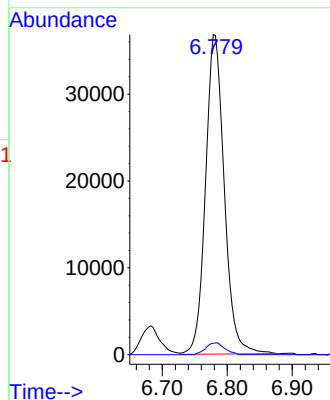
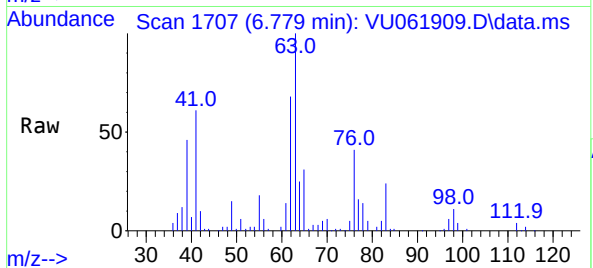




#37
1,2-Dichloropropane
Concen: 5.456 ug/L
RT: 6.779 min Scan# 1
Delta R.T. -0.003 min
Lab File: VU061909.D
Acq: 21 Nov 2024 10:10

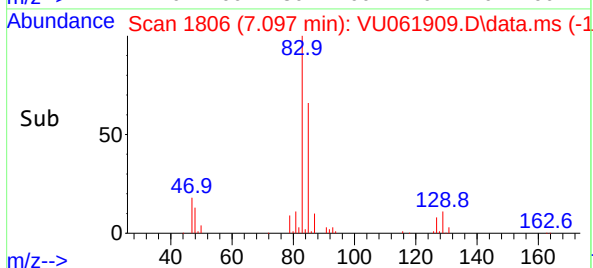
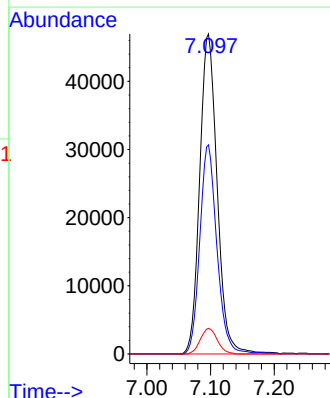
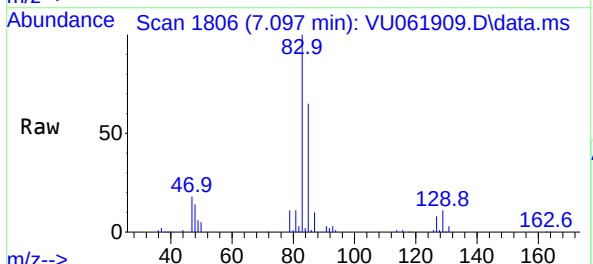
Instrument :
MSVOA_U
ClientSampleId :

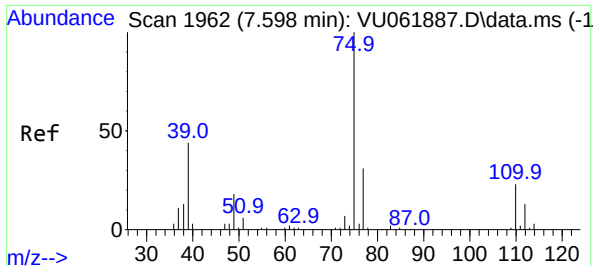
Tgt Ion: 63 Resp: 73792
Ion Ratio Lower Upper
63 100
112 3.8 3.4 5.0



#38
Bromodichloromethane
Concen: 5.460 ug/L
RT: 7.097 min Scan# 1806
Delta R.T. 0.000 min
Lab File: VU061909.D
Acq: 21 Nov 2024 10:10

Tgt Ion: 83 Resp: 89555
Ion Ratio Lower Upper
83 100
85 65.3 44.1 81.9
127 8.0 6.9 10.3

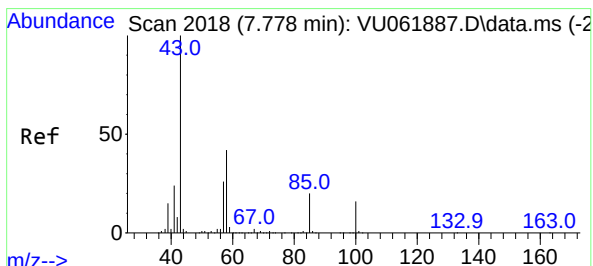
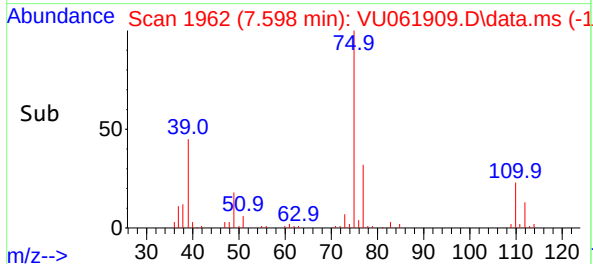
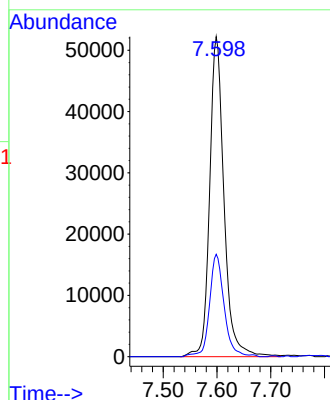
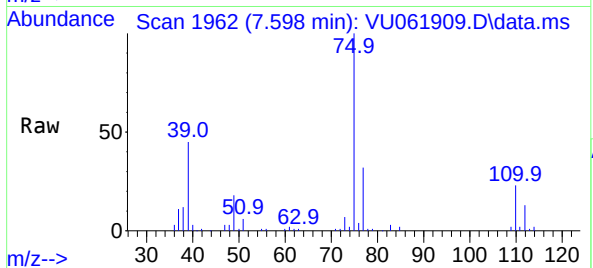




#39
cis-1,3-Dichloropropene
Concen: 5.109 ug/L
RT: 7.598 min Scan# 1962
Delta R.T. 0.000 min
Lab File: VU061909.D
Acq: 21 Nov 2024 10:10

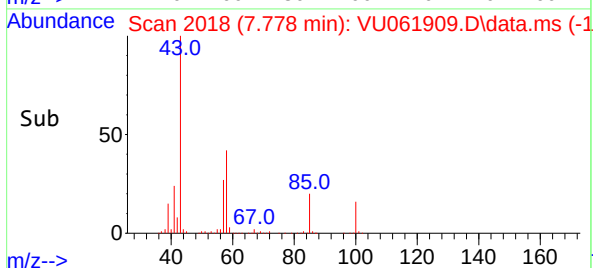
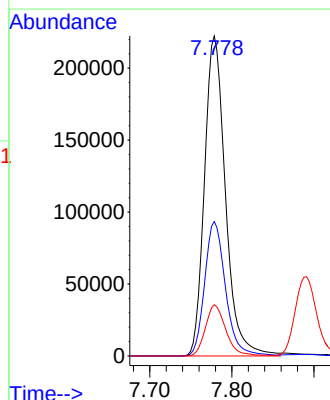
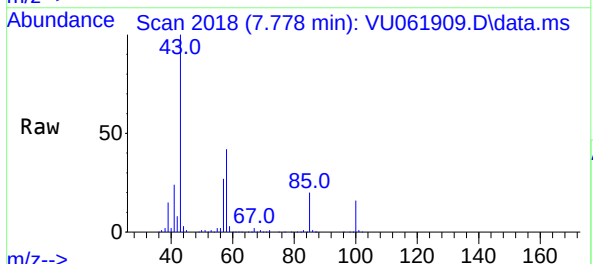
Instrument :
MSVOA_U
ClientSampleId :

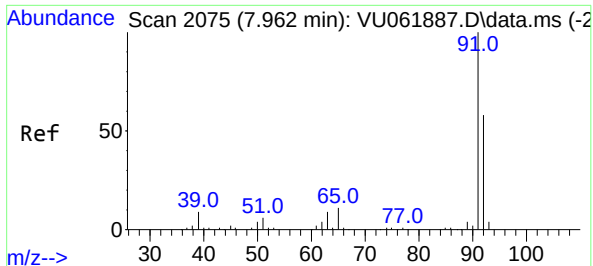
Tgt Ion: 75 Resp: 96898
Ion Ratio Lower Upper
75 100
77 32.0 22.3 41.3



#40
4-Methyl-2-pentanone
Concen: 54.138 ug/L
RT: 7.778 min Scan# 2018
Delta R.T. -0.000 min
Lab File: VU061909.D
Acq: 21 Nov 2024 10:10

Tgt Ion: 43 Resp: 395088
Ion Ratio Lower Upper
43 100
58 41.8 33.3 49.9
100 15.6 12.4 18.6

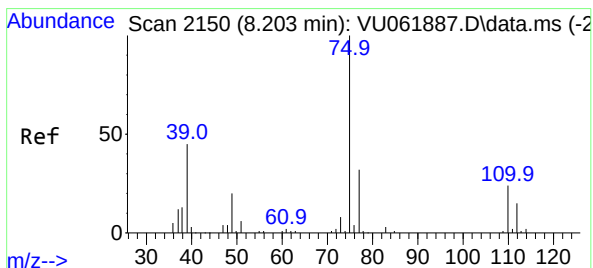
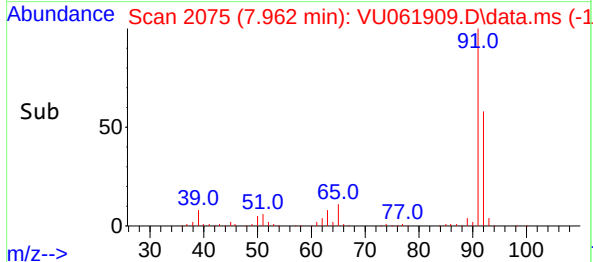
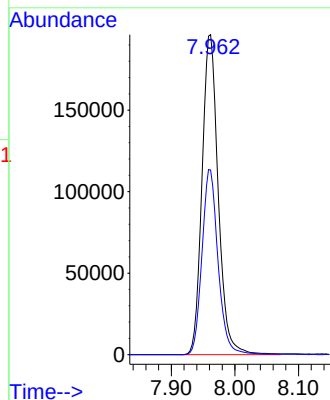
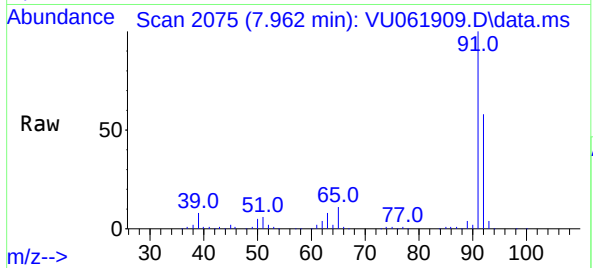




#42
Toluene
Concen: 6.365 ug/L
RT: 7.962 min Scan# 2075
Delta R.T. 0.000 min
Lab File: VU061909.D
Acq: 21 Nov 2024 10:10

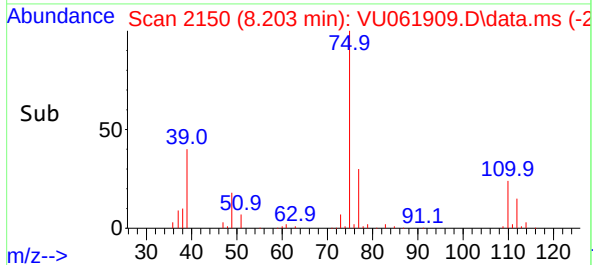
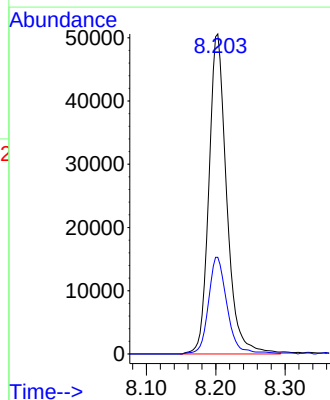
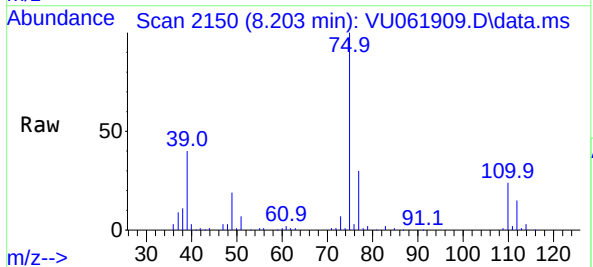
Instrument :
MSVOA_U
ClientSampleId :

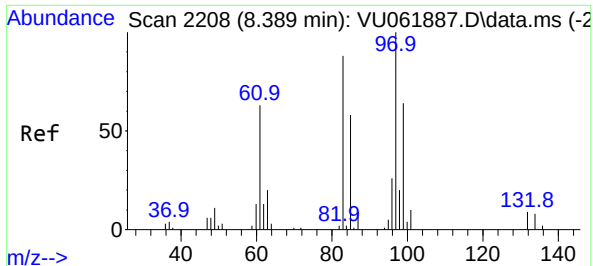
Tgt Ion: 91 Resp: 347734
Ion Ratio Lower Upper
91 100
92 57.7 39.0 72.4



#44
trans-1,3-Dichloropropene
Concen: 5.983 ug/L
RT: 8.203 min Scan# 2150
Delta R.T. 0.000 min
Lab File: VU061909.D
Acq: 21 Nov 2024 10:10

Tgt Ion: 75 Resp: 90112
Ion Ratio Lower Upper
75 100
77 30.2 21.8 40.4



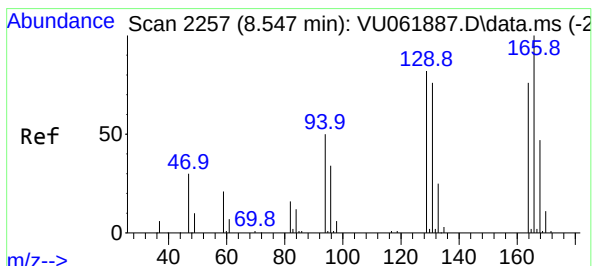
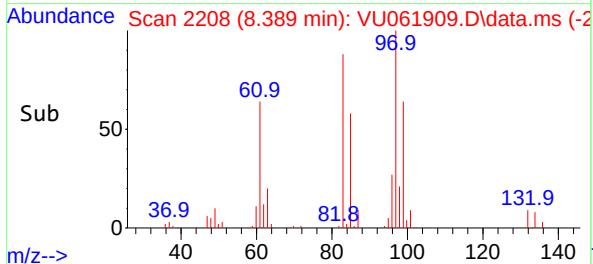
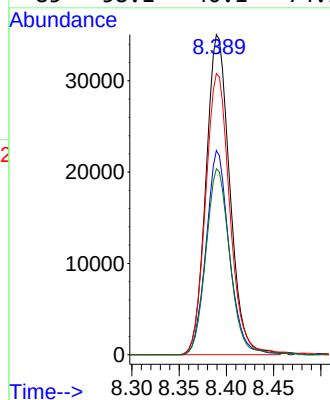
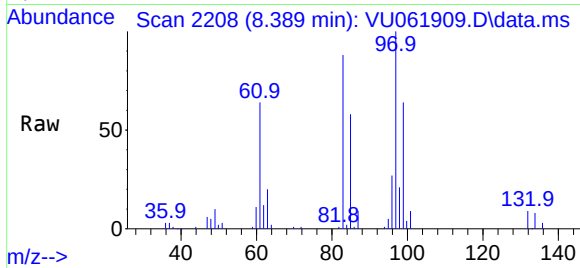


#45
1,1,2-Trichloroethane
Concen: 6.154 ug/L
RT: 8.389 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU061909.D
Acq: 21 Nov 2024 10:10

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 97 Resp: 61316

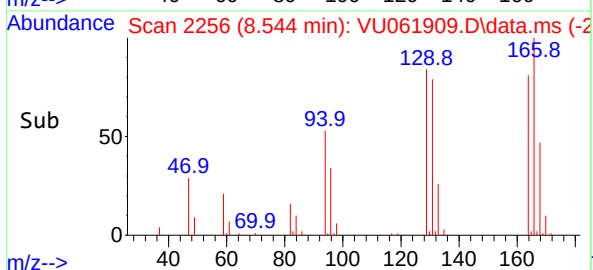
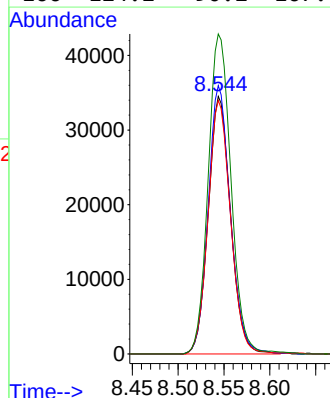
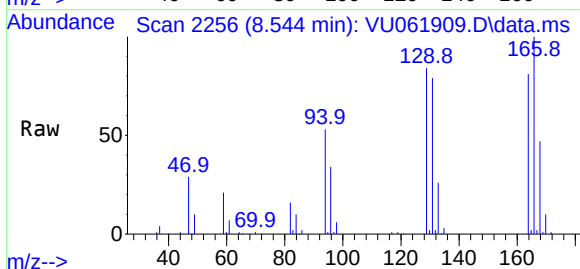
Ion	Ratio	Lower	Upper
97	100		
99	63.8	43.0	79.8
83	87.8	61.7	114.5
85	58.1	40.1	74.5

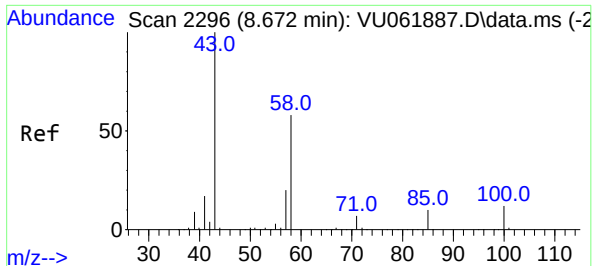


#47
Tetrachloroethene
Concen: 5.794 ug/L
RT: 8.544 min Scan# 2256
Delta R.T. -0.003 min
Lab File: VU061909.D
Acq: 21 Nov 2024 10:10

Tgt Ion: 164 Resp: 58549

Ion	Ratio	Lower	Upper
164	100		
129	104.2	73.2	136.0
131	98.4	72.3	134.3
166	124.2	90.2	167.4

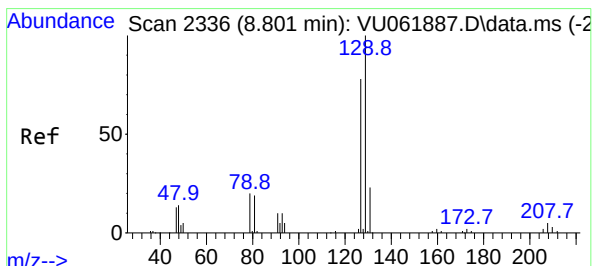
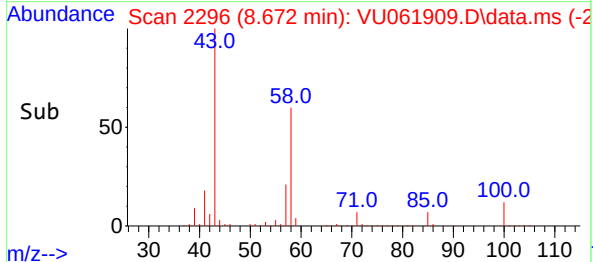
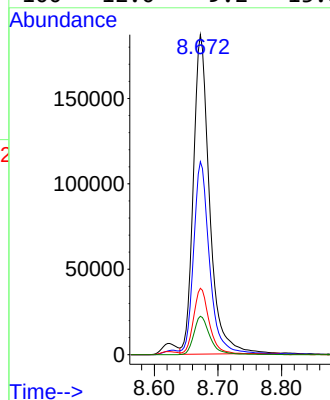
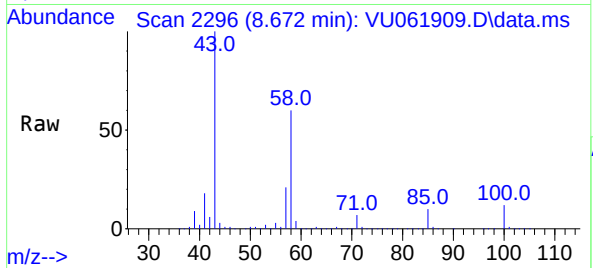




#48
2-Hexanone
Concen: 60.645 ug/L
RT: 8.672 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU061909.D
Acq: 21 Nov 2024 10:10

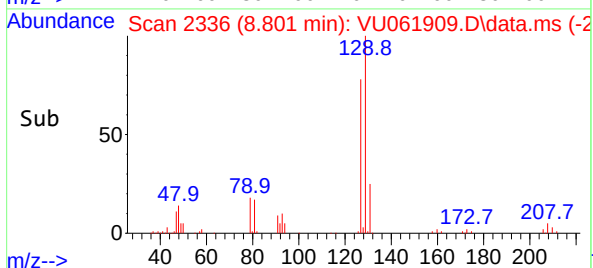
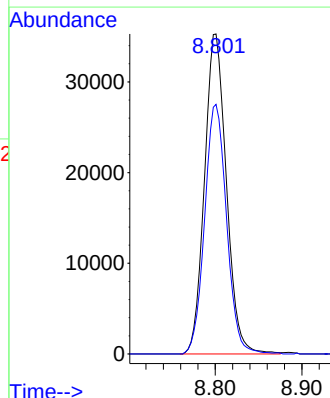
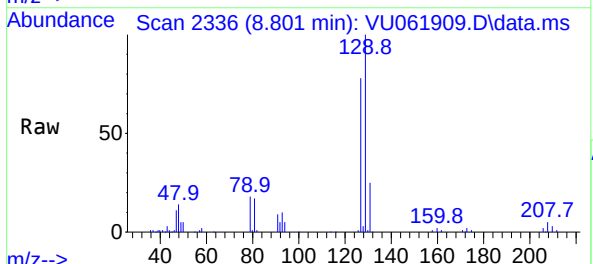
Instrument :
MSVOA_U
ClientSampleId :

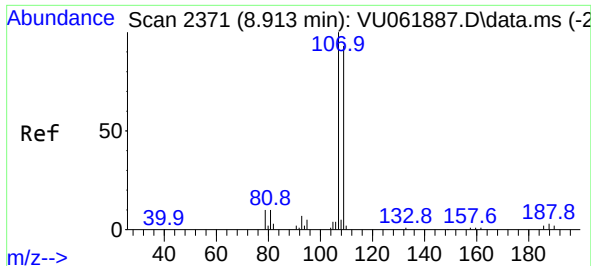
Tgt Ion: 43 Resp: 331450
Ion Ratio Lower Upper
43 100
58 59.3 47.5 71.3
57 20.9 15.6 23.4
100 12.0 9.2 13.8



#49
Dibromochloromethane
Concen: 5.896 ug/L
RT: 8.801 min Scan# 2336
Delta R.T. -0.000 min
Lab File: VU061909.D
Acq: 21 Nov 2024 10:10

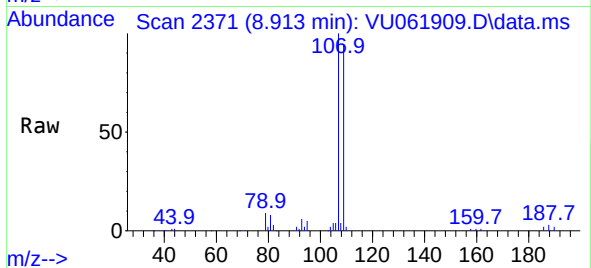
Tgt Ion:129 Resp: 62061
Ion Ratio Lower Upper
129 100
127 78.0 51.1 94.9



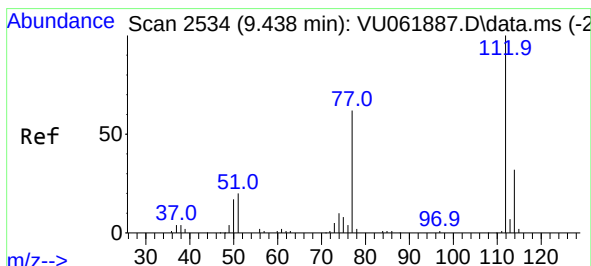
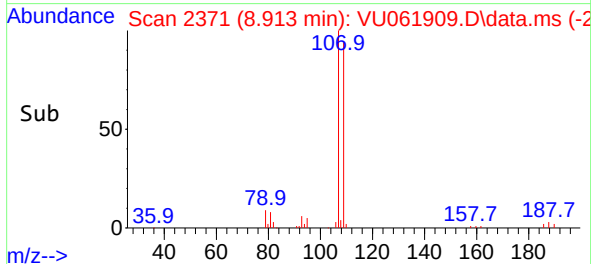
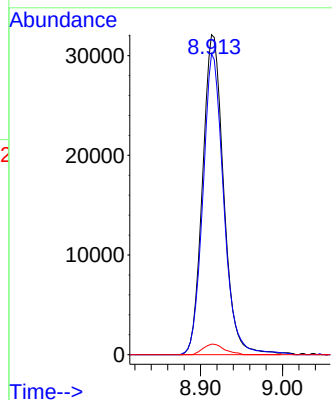


#50
1,2-Dibromoethane
Concen: 5.778 ug/L
RT: 8.913 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU061909.D
Acq: 21 Nov 2024 10:10

Instrument :
MSVOA_U
ClientSampleId :

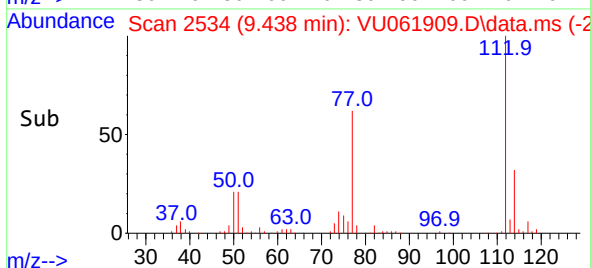
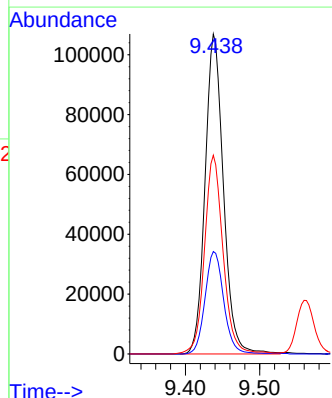
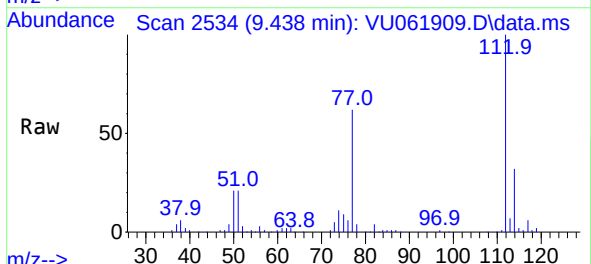


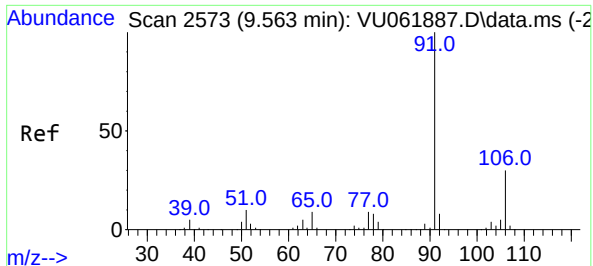
Tgt Ion:107 Resp: 57140
Ion Ratio Lower Upper
107 100
109 94.1 66.8 124.2
188 3.3 2.3 3.5



#51
Chlorobenzene
Concen: 4.906 ug/L
RT: 9.438 min Scan# 2534
Delta R.T. 0.000 min
Lab File: VU061909.D
Acq: 21 Nov 2024 10:10

Tgt Ion:112 Resp: 183583
Ion Ratio Lower Upper
112 100
114 32.0 23.0 42.6
77 62.1 50.5 75.7

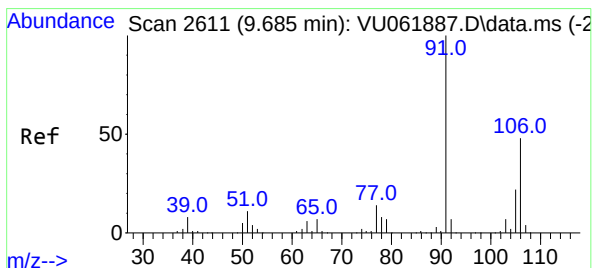
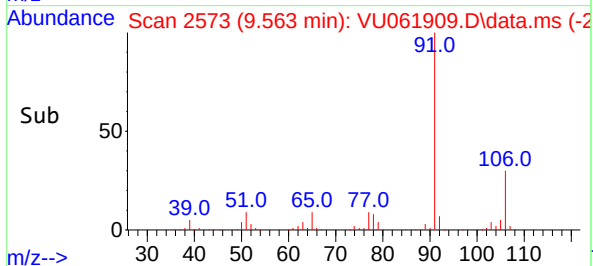
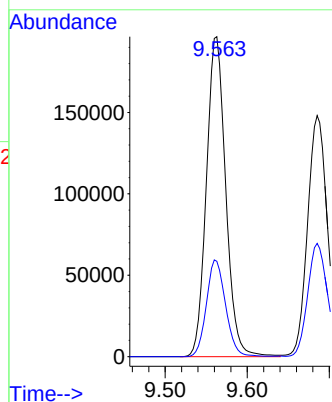
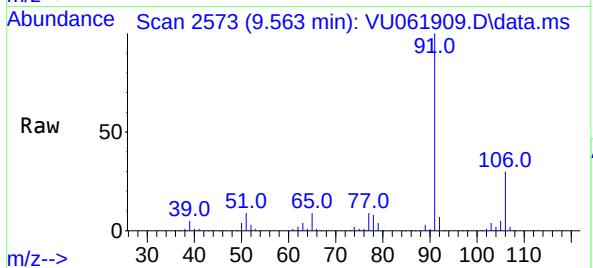




#52
Ethylbenzene
Concen: 4.918 ug/L
RT: 9.563 min Scan# 2573
Delta R.T. 0.000 min
Lab File: VU061909.D
Acq: 21 Nov 2024 10:10

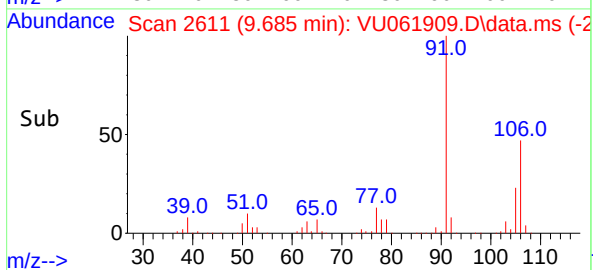
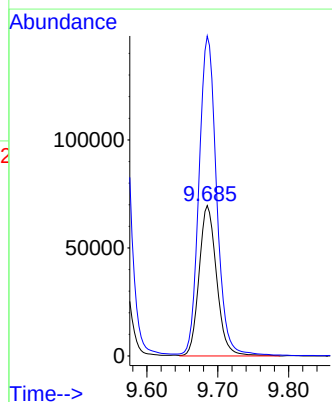
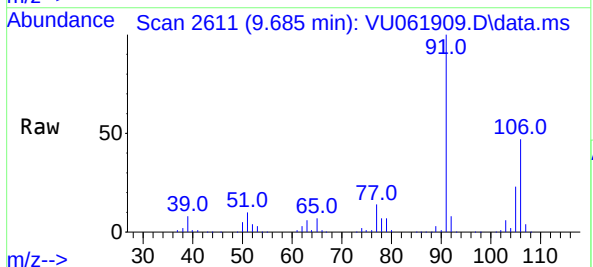
Instrument :
MSVOA_U
ClientSampleId :

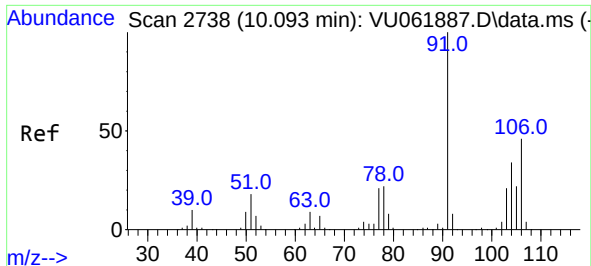
Tgt Ion: 91 Resp: 321544
Ion Ratio Lower Upper
91 100
106 29.8 21.6 40.0



#53
m,p-Xylene
Concen: 5.199 ug/L
RT: 9.685 min Scan# 2611
Delta R.T. 0.000 min
Lab File: VU061909.D
Acq: 21 Nov 2024 10:10

Tgt Ion:106 Resp: 119951
Ion Ratio Lower Upper
106 100
91 212.8 147.6 274.0

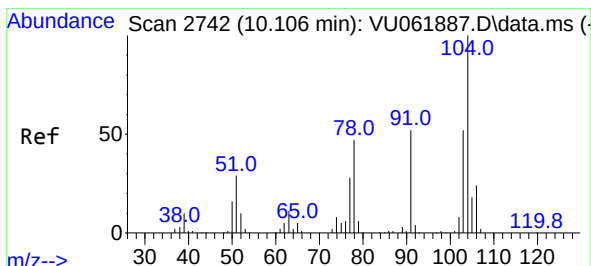
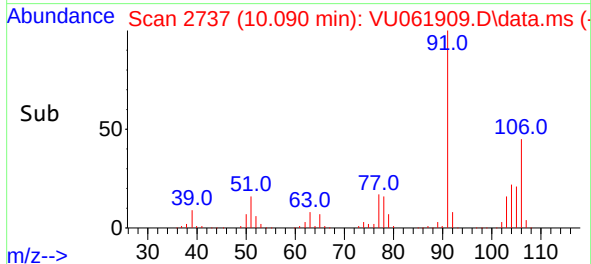
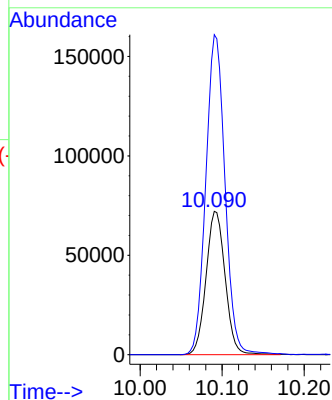
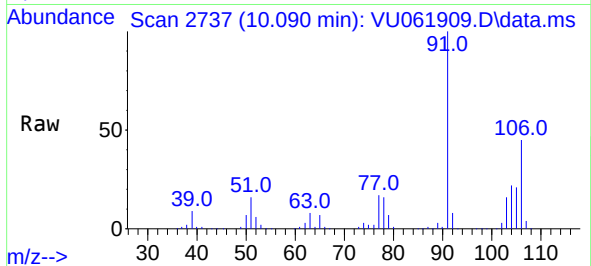




#54
o-Xylene
Concen: 5.014 ug/L
RT: 10.090 min Scan# 21
Delta R.T. -0.003 min
Lab File: VU061909.D
Acq: 21 Nov 2024 10:10

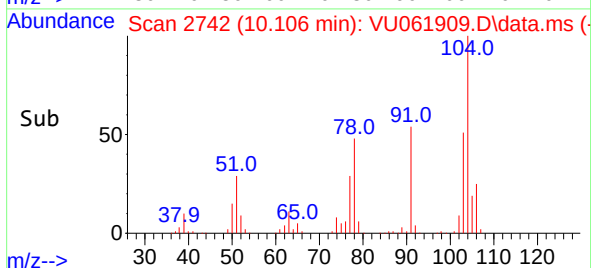
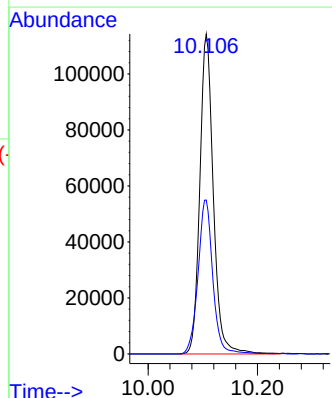
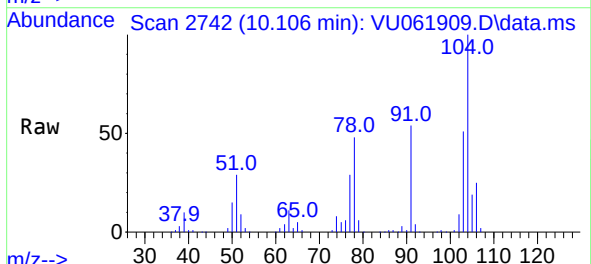
Instrument :
MSVOA_U
ClientSampleId :

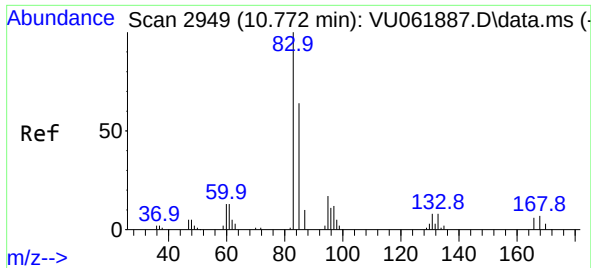
Tgt Ion:106 Resp: 116753
Ion Ratio Lower Upper
106 100
91 223.2 159.8 296.8



#55
Styrene
Concen: 5.099 ug/L
RT: 10.106 min Scan# 2742
Delta R.T. 0.000 min
Lab File: VU061909.D
Acq: 21 Nov 2024 10:10

Tgt Ion:104 Resp: 195629
Ion Ratio Lower Upper
104 100
78 48.1 33.2 61.7

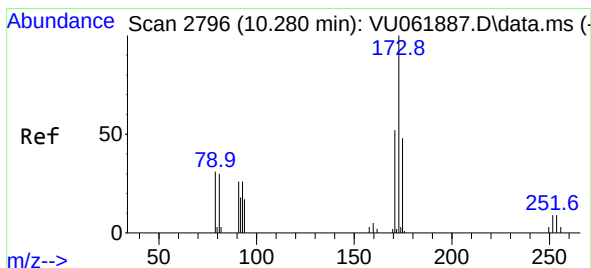
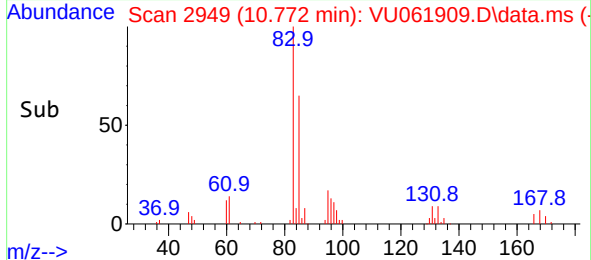
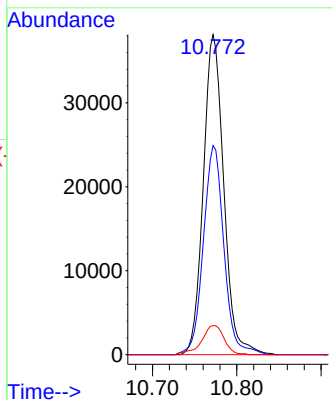
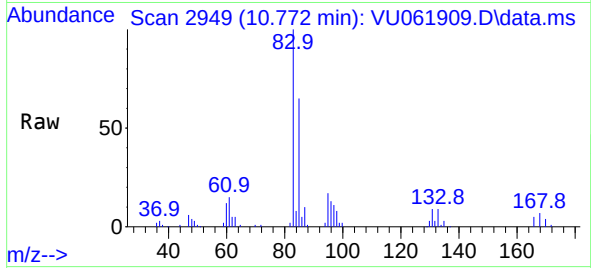




#57
1,1,2,2-Tetrachloroethane
Concen: 5.052 ug/L
RT: 10.772 min Scan# 2949
Delta R.T. 0.000 min
Lab File: VU061909.D
Acq: 21 Nov 2024 10:10

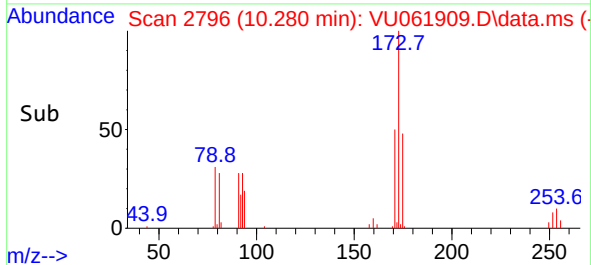
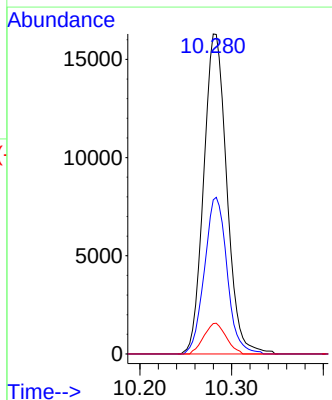
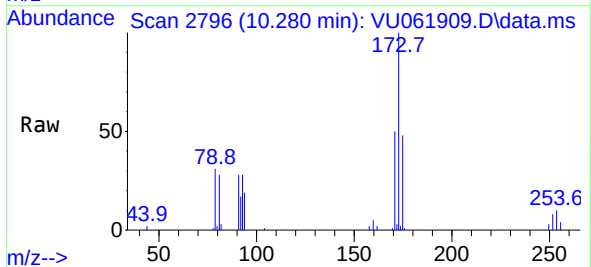
Instrument :
MSVOA_U
ClientSampleId :

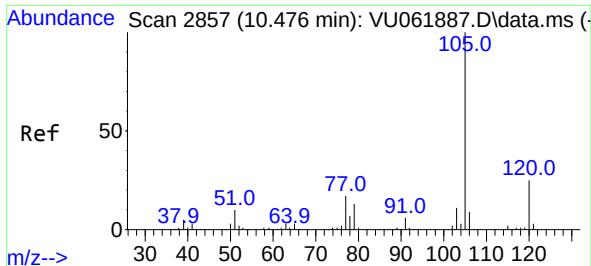
Tgt Ion:	83	Resp:	64510
Ion	Ratio	Lower	Upper
83	100		
85	65.3	44.4	82.4
131	9.1	7.3	10.9



#59
Bromoform
Concen: 4.587 ug/L
RT: 10.280 min Scan# 2796
Delta R.T. 0.000 min
Lab File: VU061909.D
Acq: 21 Nov 2024 10:10

Tgt Ion:	173	Resp:	28509
Ion	Ratio	Lower	Upper
173	100		
175	48.0	39.0	58.4
254	9.3	7.4	11.0

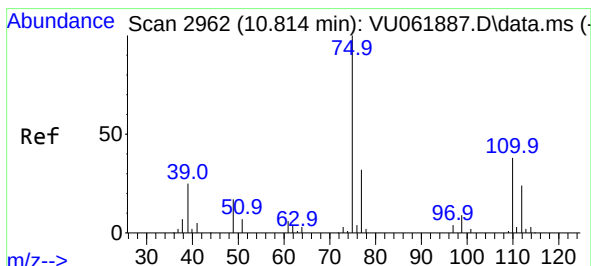
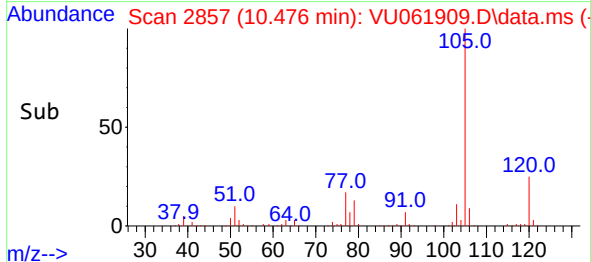
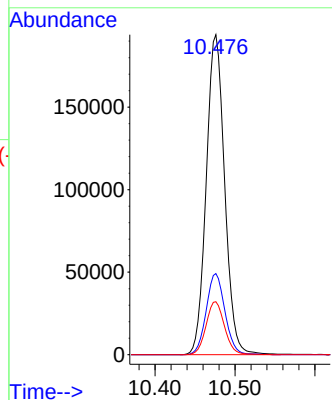
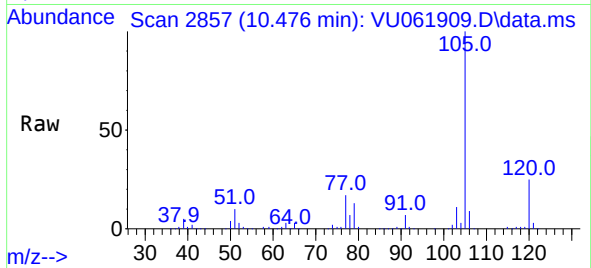




#60
Isopropylbenzene
Concen: 4.772 ug/L
RT: 10.476 min Scan# 2857
Delta R.T. 0.000 min
Lab File: VU061909.D
Acq: 21 Nov 2024 10:10

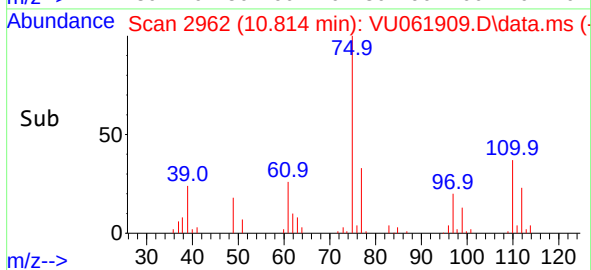
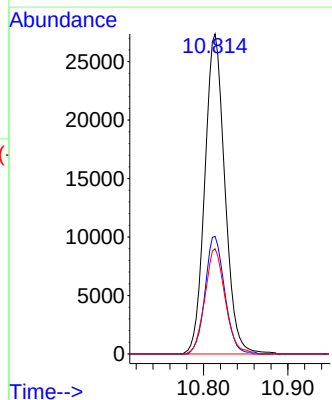
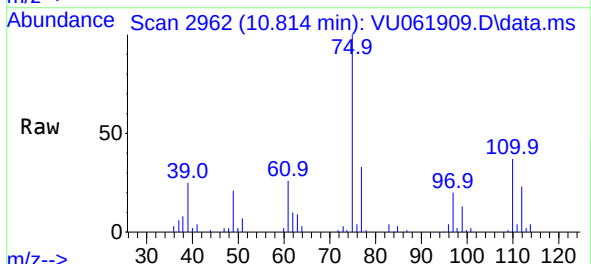
Instrument :
MSVOA_U
ClientSampleId :

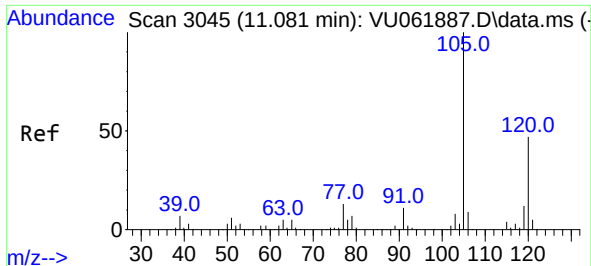
Tgt Ion:105 Resp: 311077
Ion Ratio Lower Upper
105 100
120 25.8 20.6 31.0
77 16.6 13.0 19.6



#61
1,2,3-Trichloropropane
Concen: 4.695 ug/L
RT: 10.814 min Scan# 2962
Delta R.T. 0.000 min
Lab File: VU061909.D
Acq: 21 Nov 2024 10:10

Tgt Ion: 75 Resp: 45382
Ion Ratio Lower Upper
75 100
110 35.9 28.9 43.3
77 33.1 26.5 39.7

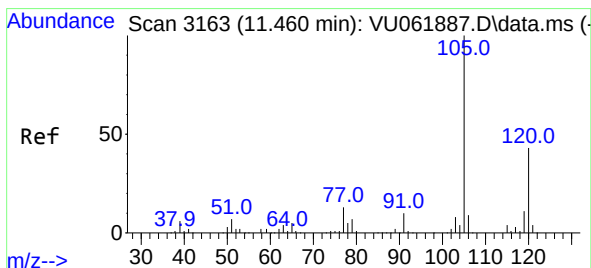
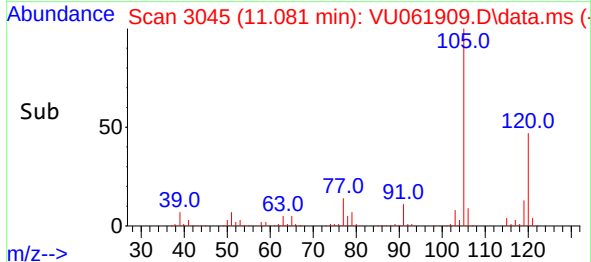
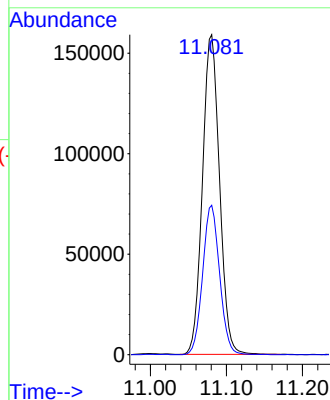
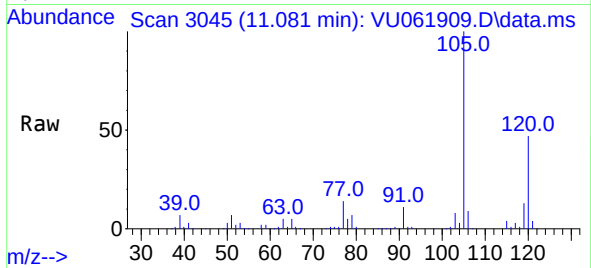




#62
1,3,5-Trimethylbenzene
Concen: 4.766 ug/L
RT: 11.081 min Scan# 3045
Delta R.T. 0.000 min
Lab File: VU061909.D
Acq: 21 Nov 2024 10:10

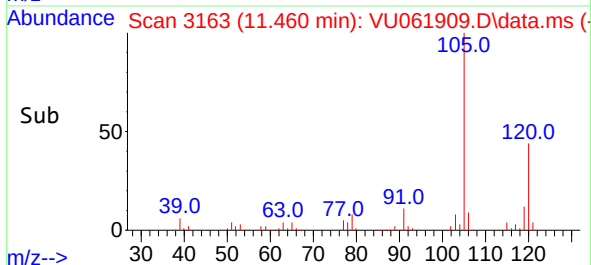
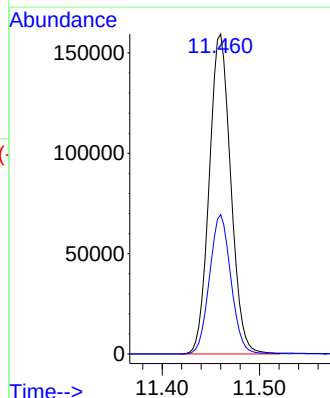
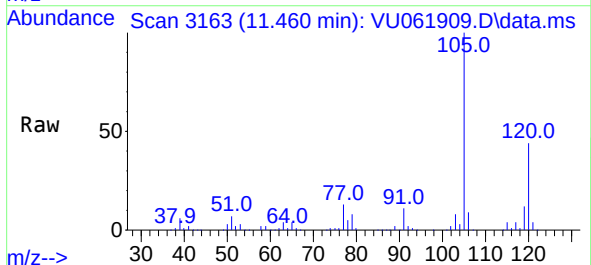
Instrument :
MSVOA_U
ClientSampleId :

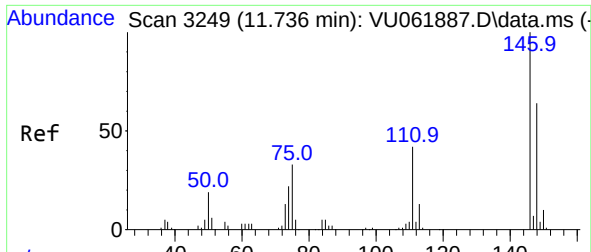
Tgt Ion:105 Resp: 247859
Ion Ratio Lower Upper
105 100
120 46.5 36.7 55.1



#63
1,2,4-Trimethylbenzene
Concen: 4.721 ug/L
RT: 11.460 min Scan# 3163
Delta R.T. 0.000 min
Lab File: VU061909.D
Acq: 21 Nov 2024 10:10

Tgt Ion:105 Resp: 244772
Ion Ratio Lower Upper
105 100
120 43.3 34.7 52.1

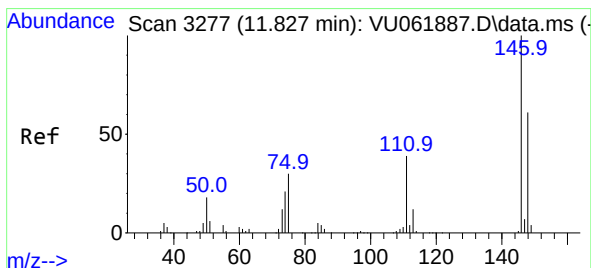
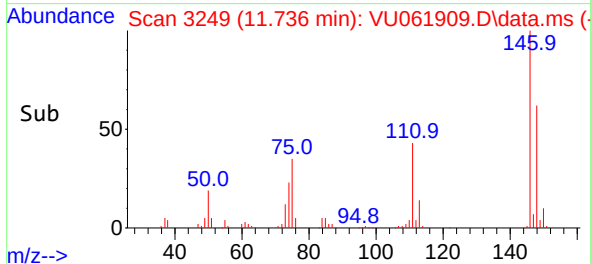
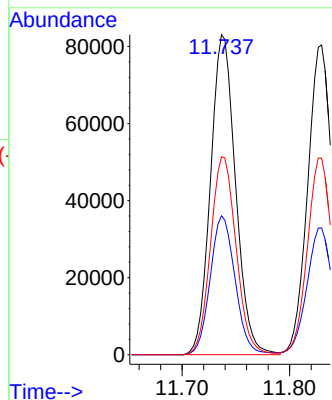
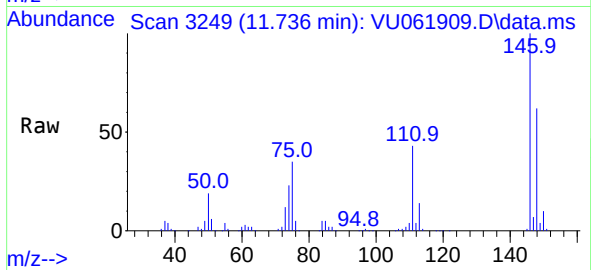




#64
1,3-Dichlorobenzene
Concen: 4.644 ug/L
RT: 11.736 min Scan# 31
Delta R.T. 0.000 min
Lab File: VU061909.D
Acq: 21 Nov 2024 10:10

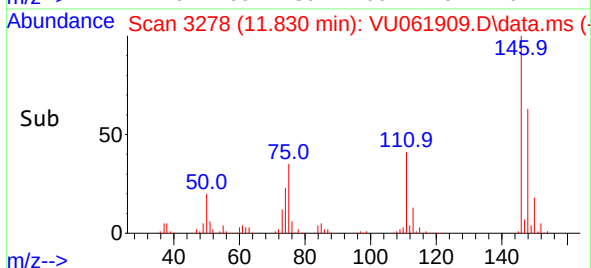
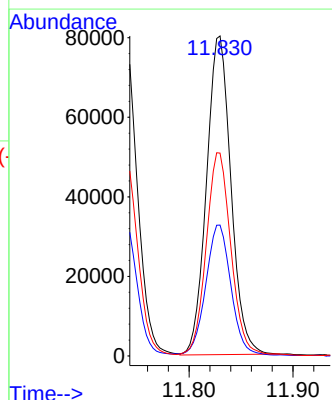
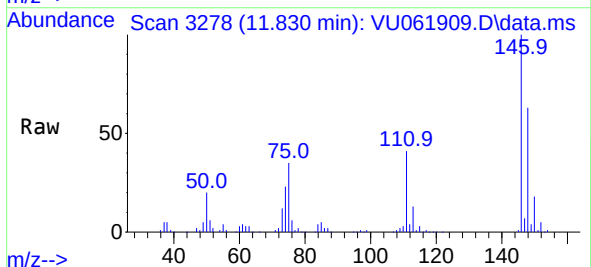
Instrument :
MSVOA_U
ClientSampleId :

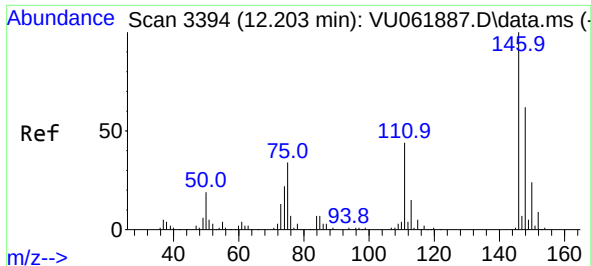
Tgt Ion:146 Resp: 134405
Ion Ratio Lower Upper
146 100
111 43.4 30.7 57.1
148 61.9 45.1 83.7



#65
1,4-Dichlorobenzene
Concen: 4.679 ug/L
RT: 11.830 min Scan# 3278
Delta R.T. 0.003 min
Lab File: VU061909.D
Acq: 21 Nov 2024 10:10

Tgt Ion:146 Resp: 131055
Ion Ratio Lower Upper
146 100
111 40.9 29.3 54.3
148 63.4 44.6 82.8





#67

1,2-Dichlorobenzene

Concen: 4.976 ug/L

RT: 12.203 min Scan# 31

Delta R.T. 0.000 min

Lab File: VU061909.D

Acq: 21 Nov 2024 10:10

Instrument :

MSVOA_U

ClientSampleId :

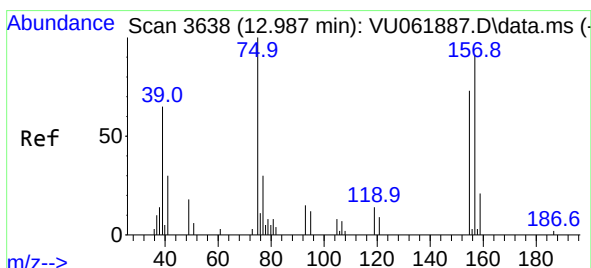
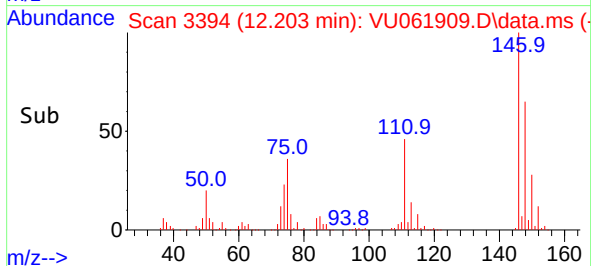
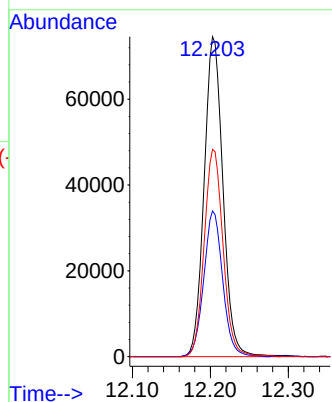
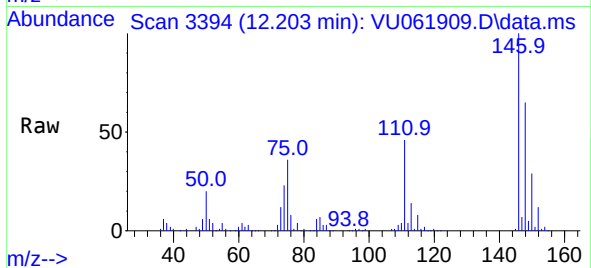
Tgt Ion:146 Resp: 125229

Ion Ratio Lower Upper

146 100

111 45.5 36.0 54.0

148 64.8 52.3 78.5



#68

1,2-Dibromo-3-chloropropane

Concen: 6.127 ug/L

RT: 12.987 min Scan# 3638

Delta R.T. 0.000 min

Lab File: VU061909.D

Acq: 21 Nov 2024 10:10

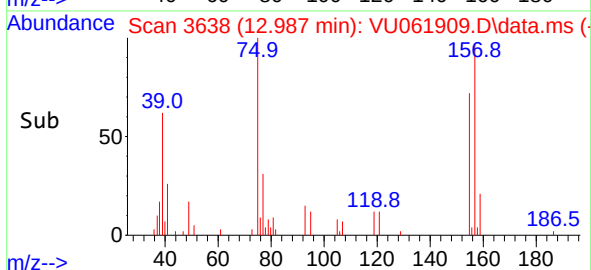
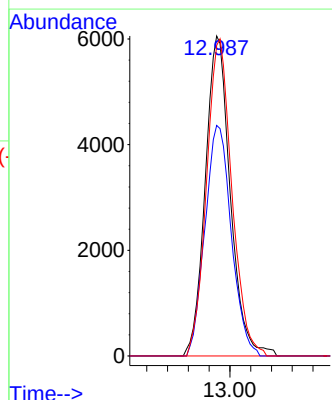
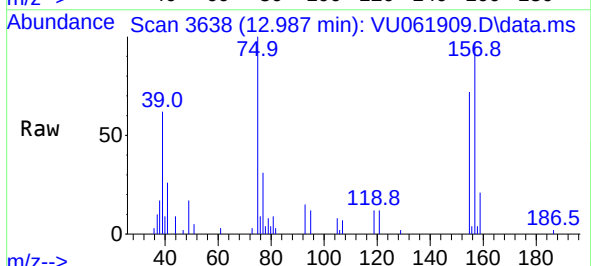
Tgt Ion: 75 Resp: 10106

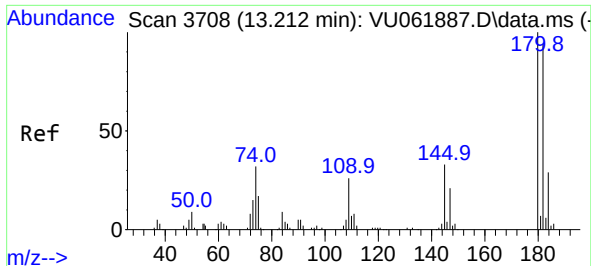
Ion Ratio Lower Upper

75 100

155 72.0 55.2 82.8

157 97.0 73.5 110.3





#69

1,3,5-Trichlorobenzene

Concen: 5.790 ug/L

RT: 13.212 min Scan# 31

Delta R.T. 0.000 min

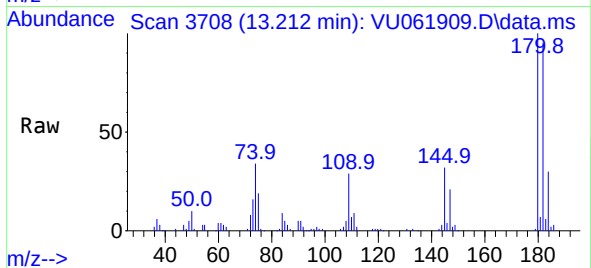
Lab File: VU061909.D

Acq: 21 Nov 2024 10:10

Instrument :

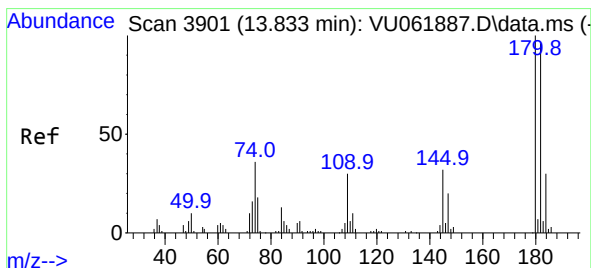
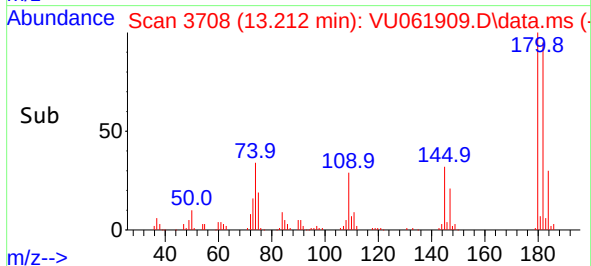
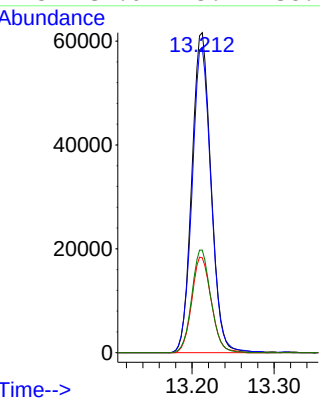
MSVOA_U

ClientSampleId :



Tgt Ion:180 Resp: 99703

Ion	Ratio	Lower	Upper
180	100		
182	94.9	76.7	115.1
184	30.3	24.8	37.2
145	32.0	25.4	38.0



#70

1,2,4-trichlorobenzene

Concen: 6.078 ug/L

RT: 13.833 min Scan# 3901

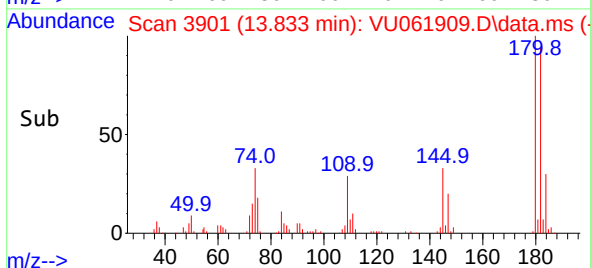
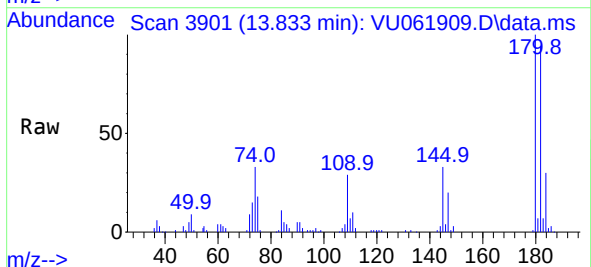
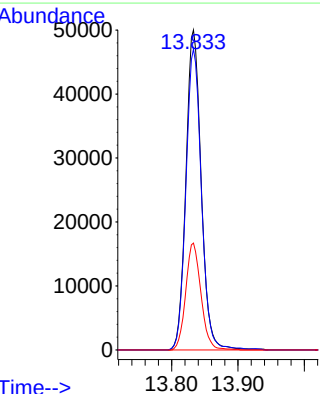
Delta R.T. 0.000 min

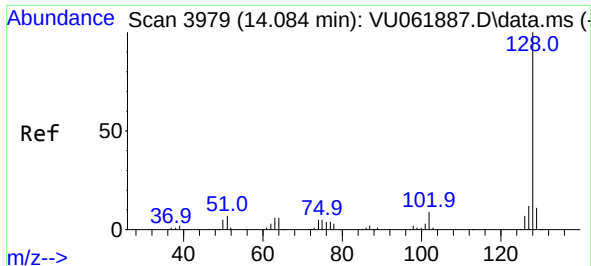
Lab File: VU061909.D

Acq: 21 Nov 2024 10:10

Tgt Ion:180 Resp: 80212

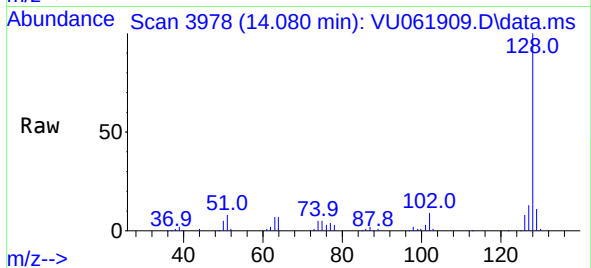
Ion	Ratio	Lower	Upper
180	100		
182	95.3	74.5	111.7
145	33.4	25.6	38.4



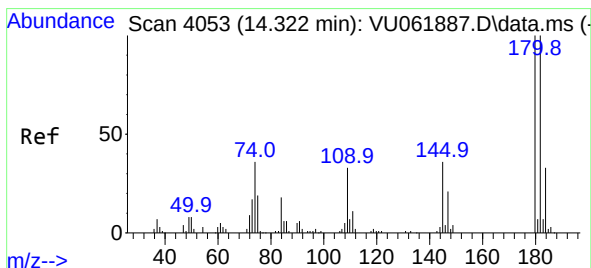
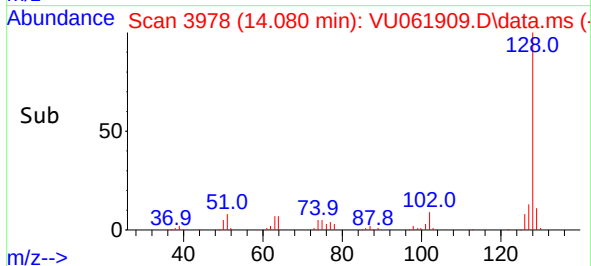
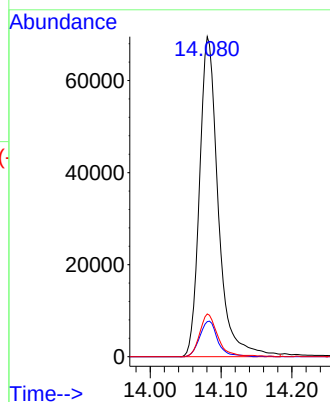


#71
Naphthalene
Concen: 5.997 ug/L
RT: 14.080 min Scan# 3979
Delta R.T. -0.003 min
Lab File: VU061909.D
Acq: 21 Nov 2024 10:10

Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion:128 Resp: 127564
Ion Ratio Lower Upper
128 100
129 10.7 8.5 12.7
127 12.7 10.2 15.4



#72
1,2,3-Trichlorobenzene
Concen: 5.984 ug/L
RT: 14.322 min Scan# 4053
Delta R.T. 0.000 min
Lab File: VU061909.D
Acq: 21 Nov 2024 10:10

Tgt Ion:180 Resp: 68019
Ion Ratio Lower Upper
180 100
182 95.8 76.1 114.1
145 36.1 27.4 41.0

