

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU112524\
 Data File : VU062018.D
 Acq On : 25 Nov 2024 12:48
 Operator : MD/SY
 Sample : VSTDCCC005
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Nov 25 15:40:55 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR112024WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Mon Nov 25 01:25:39 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	141299	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.409	117	131514	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	65828	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	34172	4.930	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	98.600%
7) Chloroethane-d5	1.907	69	22988	3.749	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	75.000%
11) 1,1-Dichloroethene-d2	2.557	65	16538	5.973	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	119.400%
20) 2-Butanone-d5	4.621	46	78288	35.970	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	71.940%
24) Chloroform-d	5.052	84	75578	4.470	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.400%
26) 1,2-Dichloroethane-d4	5.692	65	37136	4.268	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	85.400%
32) Benzene-d6	5.718	84	140351	5.477	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	109.600%
36) 1,2-Dichloropropane-d6	6.682	67	42433	4.874	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	97.400%
41) Toluene-d8	7.891	98	131680	6.161	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	123.200%
43) trans-1,3-Dichloroprop...	8.174	79	17250	5.352	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	107.000%
46) 2-Hexanone-d5	8.624	63	57223	38.895	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	77.800%
56) 1,1,2,2-Tetrachloroeth...	10.746	84	34028	3.911	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	78.200%
66) 1,2-Dichlorobenzene-d4	12.184	152	46667	4.794	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	95.800%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.383	85	64743	5.237	ug/L	99
3) Chloromethane	1.518	50	53330	4.185	ug/L	100
5) Vinyl chloride	1.599	62	55092	4.208	ug/L	98
6) Bromomethane	1.853	94	34539	4.432	ug/L	98
8) Chloroethane	1.927	64	27183	3.220	ug/L	99
9) Trichlorofluoromethane	2.129	101	86028	5.195	ug/L	96
10) 1,1,2-Trichloro-1,2,2-...	2.573	101	50524	4.958	ug/L	93
12) 1,1-Dichloroethene	2.573	96	44794	4.727	ug/L	93
13) Acetone	2.634	43	66506	44.257	ug/L	94
14) Carbon disulfide	2.785	76	134856	4.474	ug/L	100
15) Methyl Acetate	2.949	43	16631	4.310	ug/L	94
16) Methylene chloride	3.036	84	48535	4.266	ug/L	93
17) Methyl tert-butyl Ether	3.354	73	116534	4.798	ug/L	99
18) trans-1,2-Dichloroethene	3.345	96	47286	4.721	ug/L	93
19) 1,1-Dichloroethane	3.859	63	87044	4.461	ug/L	98
21) 2-Butanone	4.702	43	105108	43.278	ug/L	95
22) cis-1,2-Dichloroethene	4.653	96	51999	4.613	ug/L	97
23) Bromochloromethane	4.965	128	23657	4.827	ug/L	88
25) Chloroform	5.078	83	96929	4.752	ug/L	99

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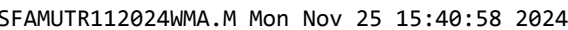
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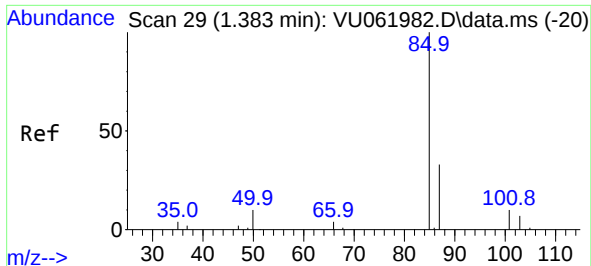
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 Quant Title : TRACE VOA SFAM1.0
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.785	62	58976	4.495	ug/L	99
29) 1,1,1-Trichloroethane	5.306	97	87453	5.769	ug/L	95
30) Cyclohexane	5.377	56	79906	5.040	ug/L	99
31) Carbon tetrachloride	5.515	117	77690	6.036	ug/L	100
33) Benzene	5.763	78	201299	5.068	ug/L	100
34) Trichloroethene	6.534	95	56634	5.343	ug/L	98
35) Methylcyclohexane	6.753	83	85336	5.263	ug/L	97
37) 1,2-Dichloropropane	6.782	63	51260	4.968	ug/L	99
38) Bromodichloromethane	7.097	83	66280	5.296	ug/L	98
39) cis-1,3-Dichloropropene	7.599	75	78273	5.410	ug/L	98
40) 4-Methyl-2-pentanone	7.782	43	262590	47.165	ug/L	94
42) Toluene	7.962	91	217984	5.230	ug/L	96
44) trans-1,3-Dichloropropene	8.203	75	65418	5.693	ug/L	99
45) 1,1,2-Trichloroethane	8.390	97	38231	5.029	ug/L	95
47) Tetrachloroethene	8.544	164	43611	5.657	ug/L	96
48) 2-Hexanone	8.676	43	189459	45.439	ug/L #	95
49) Dibromochloromethane	8.801	129	43980	5.477	ug/L	93
50) 1,2-Dibromoethane	8.917	107	36564	4.846	ug/L #	99
51) Chlorobenzene	9.438	112	138788	4.862	ug/L	97
52) Ethylbenzene	9.563	91	242867	4.869	ug/L	100
53) m,p-Xylene	9.685	106	92296	5.244	ug/L	99
54) o-Xylene	10.090	106	90057	5.069	ug/L	98
55) Styrene	10.107	104	146627	5.010	ug/L	96
57) 1,1,2,2-Tetrachloroethane	10.772	83	45794	4.701	ug/L	98
59) Bromoform	10.280	173	26150	5.344	ug/L	99
60) Isopropylbenzene	10.476	105	245777	4.788	ug/L	99
61) 1,2,3-Trichloropropane	10.814	75	32062	4.213	ug/L	94
62) 1,3,5-Trimethylbenzene	11.081	105	208417	5.090	ug/L	98
63) 1,2,4-Trimethylbenzene	11.460	105	204608	5.012	ug/L	99
64) 1,3-Dichlorobenzene	11.737	146	107784	4.730	ug/L	99
65) 1,4-Dichlorobenzene	11.827	146	107741	4.885	ug/L	99
67) 1,2-Dichlorobenzene	12.203	146	100535	5.073	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.987	75	7092	5.461	ug/L	91
69) 1,3,5-Trichlorobenzene	13.213	180	80319	5.924	ug/L	98
70) 1,2,4-trichlorobenzene	13.833	180	63683	6.129	ug/L	98
71) Naphthalene	14.081	128	95362	5.694	ug/L	100
72) 1,2,3-Trichlorobenzene	14.322	180	54506	6.090	ug/L	98

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

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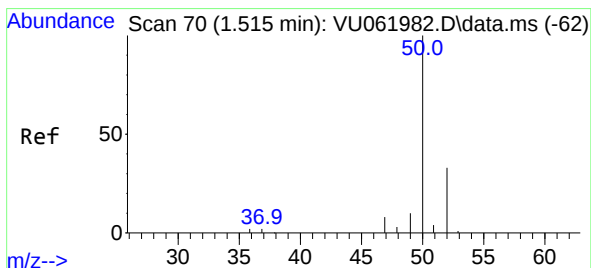
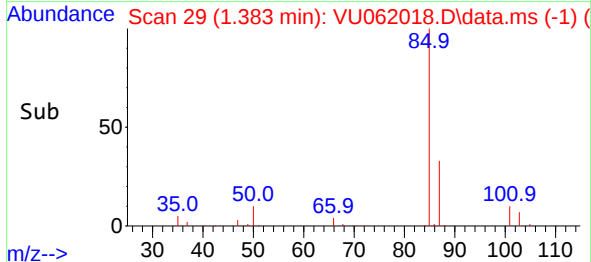
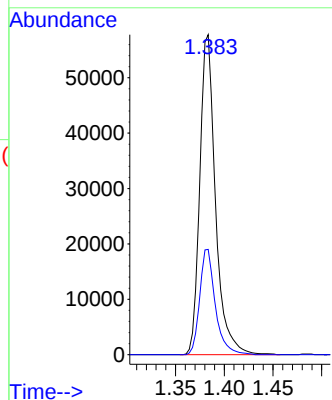
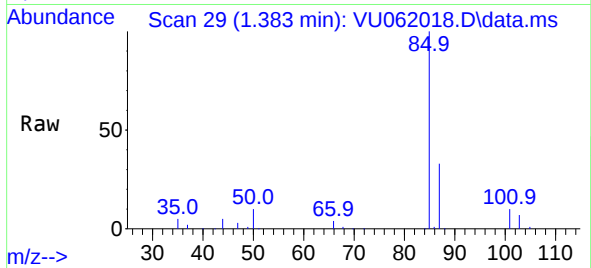




#2
Dichlorodifluoromethane
Concen: 5.237 ug/L
RT: 1.383 min Scan# 29
Delta R.T. -0.000 min
Lab File: VU062018.D
Acq: 25 Nov 2024 12:48

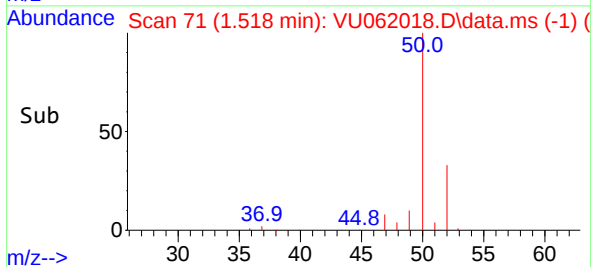
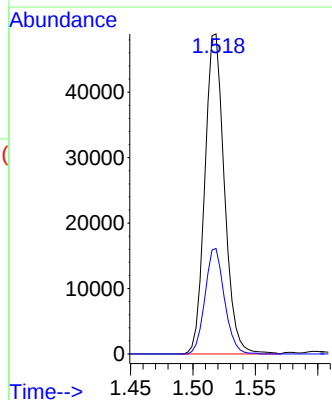
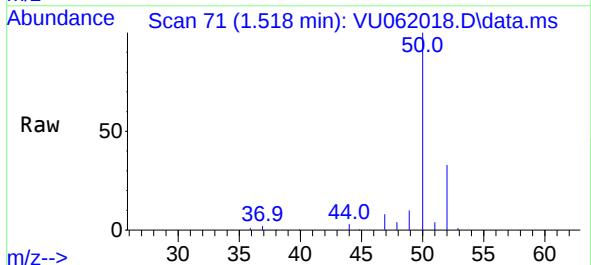
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MSVOA_U
ClientSampleId :

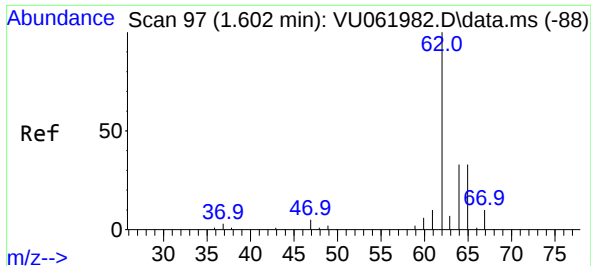
Tgt Ion: 85 Resp: 64743
Ion Ratio Lower Upper
85 100
87 32.7 26.6 40.0



#3
Chloromethane
Concen: 4.185 ug/L
RT: 1.518 min Scan# 71
Delta R.T. 0.003 min
Lab File: VU062018.D
Acq: 25 Nov 2024 12:48

Tgt Ion: 50 Resp: 53330
Ion Ratio Lower Upper
50 100
52 33.0 23.1 42.9

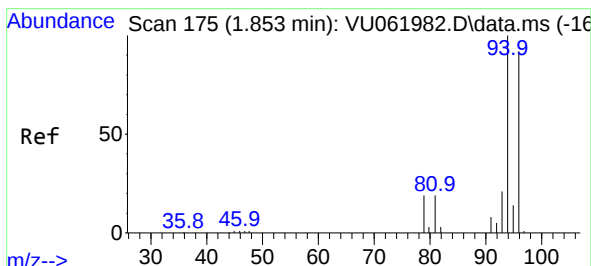
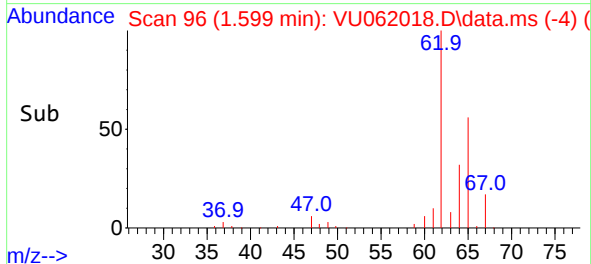
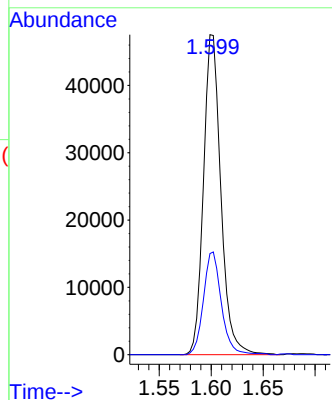
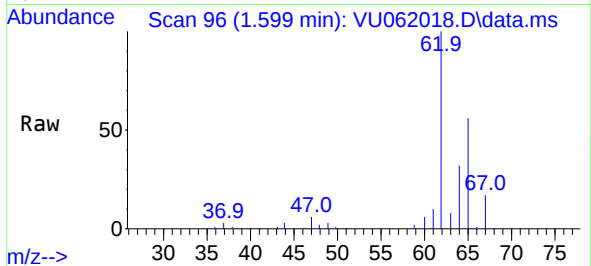




#5
 Vinyl chloride
 Concen: 4.208 ug/L
 RT: 1.599 min Scan# 90
 Delta R.T. -0.003 min
 Lab File: VU062018.D
 Acq: 25 Nov 2024 12:48

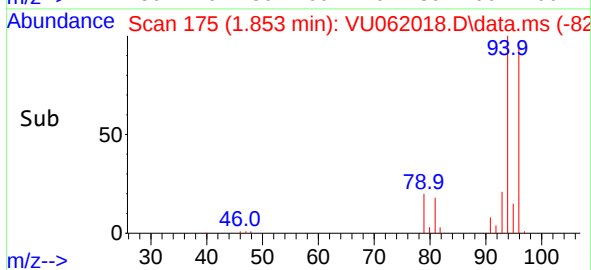
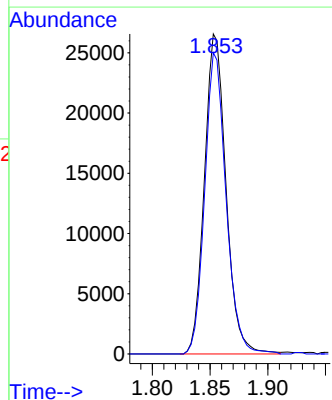
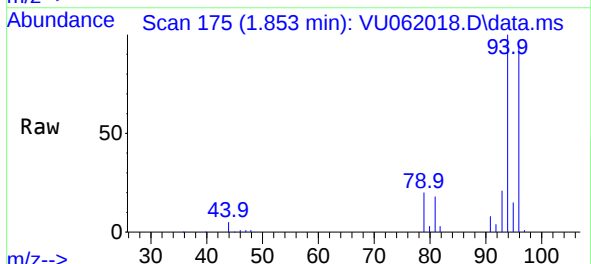
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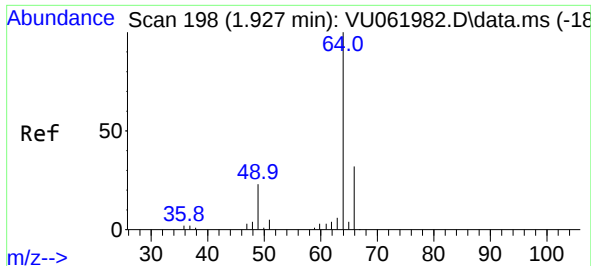
Tgt Ion: 62 Resp: 55092
 Ion Ratio Lower Upper
 62 100
 64 31.6 23.1 42.9



#6
 Bromomethane
 Concen: 4.432 ug/L
 RT: 1.853 min Scan# 175
 Delta R.T. -0.000 min
 Lab File: VU062018.D
 Acq: 25 Nov 2024 12:48

Tgt Ion: 94 Resp: 34539
 Ion Ratio Lower Upper
 94 100
 96 94.2 64.5 119.9

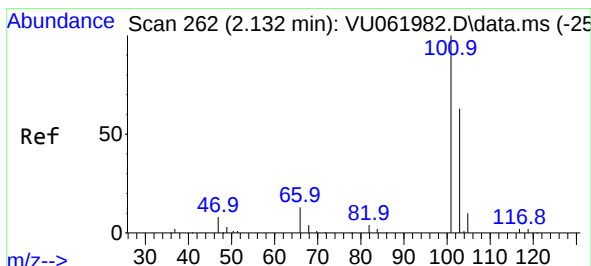
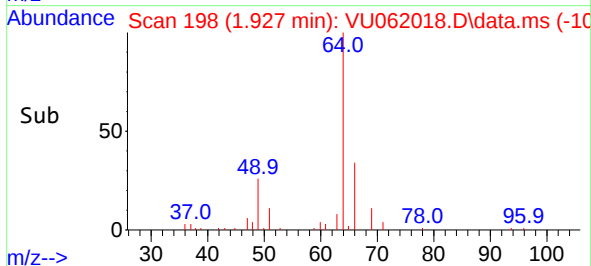
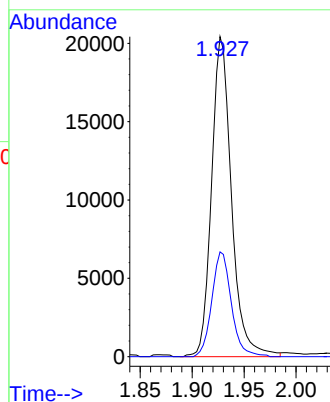
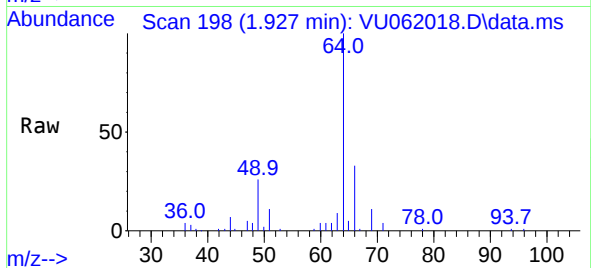




#8
Chloroethane
Concen: 3.220 ug/L
RT: 1.927 min Scan# 198
Delta R.T. -0.000 min
Lab File: VU062018.D
Acq: 25 Nov 2024 12:48

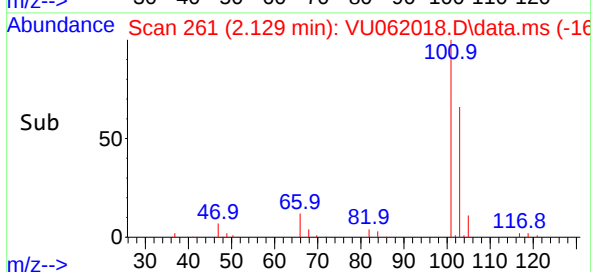
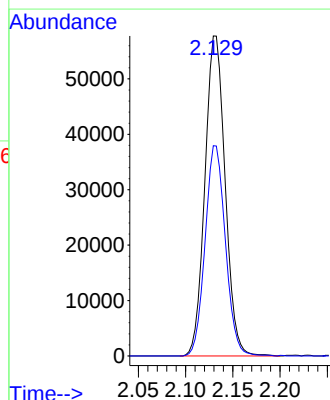
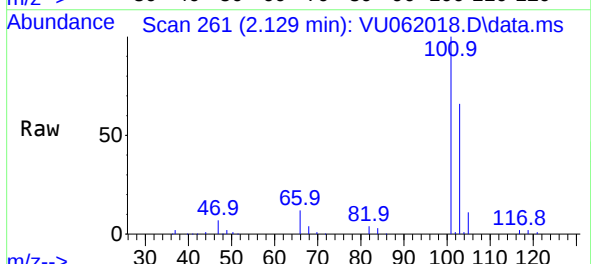
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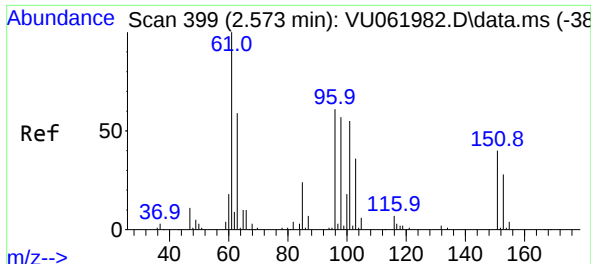
Tgt Ion: 64 Resp: 27183
Ion Ratio Lower Upper
64 100
66 32.8 23.2 43.2



#9
Trichlorofluoromethane
Concen: 5.195 ug/L
RT: 2.129 min Scan# 261
Delta R.T. -0.003 min
Lab File: VU062018.D
Acq: 25 Nov 2024 12:48

Tgt Ion:101 Resp: 86028
Ion Ratio Lower Upper
101 100
103 66.0 50.6 75.8

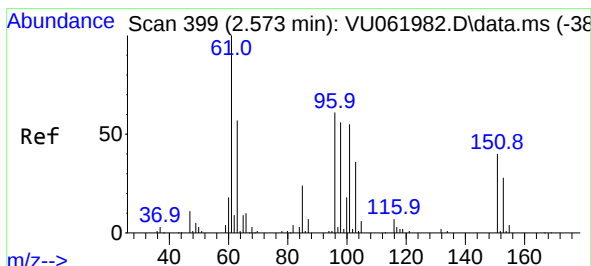
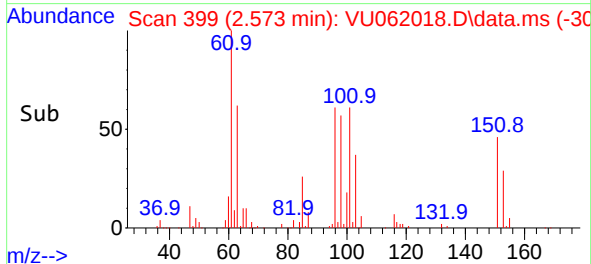
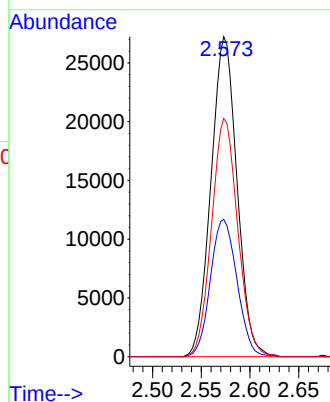
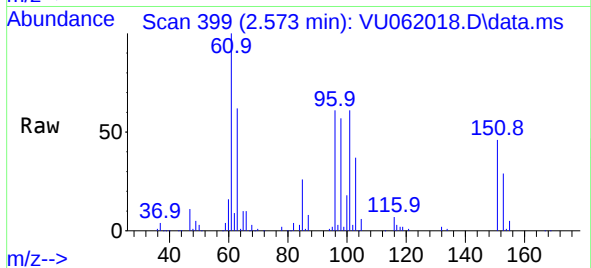




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 4.958 ug/L
RT: 2.573 min Scan# 399
Delta R.T. -0.003 min
Lab File: VU062018.D
Acq: 25 Nov 2024 12:48

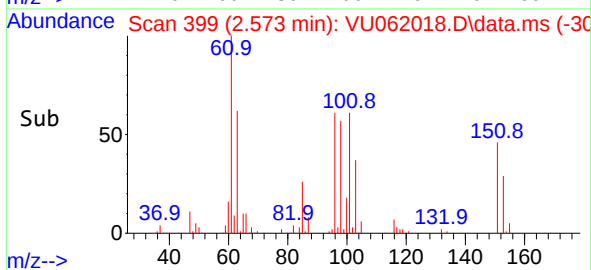
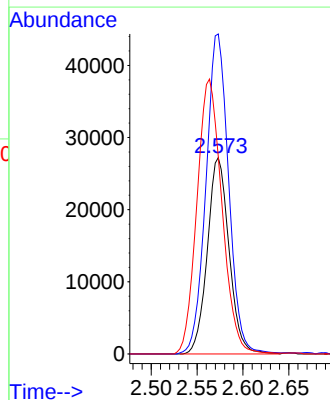
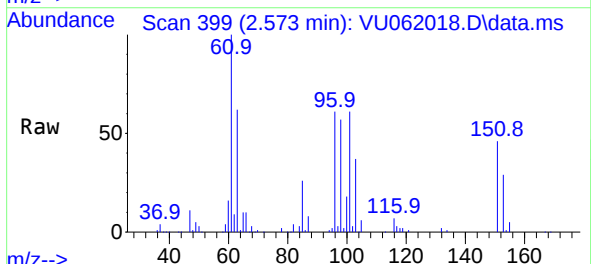
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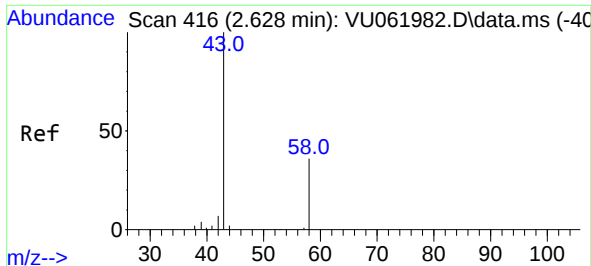
Tgt Ion:101 Resp: 50524
Ion Ratio Lower Upper
101 100
85 44.0 38.0 57.0
151 75.2 55.3 82.9



#12
1,1-Dichloroethene
Concen: 4.727 ug/L
RT: 2.573 min Scan# 399
Delta R.T. -0.000 min
Lab File: VU062018.D
Acq: 25 Nov 2024 12:48

Tgt Ion: 96 Resp: 44794
Ion Ratio Lower Upper
96 100
61 163.0 119.6 222.2
63 100.6 65.0 120.6





#13

Acetone

Concen: 44.257 ug/L

RT: 2.634 min Scan# 416

Delta R.T. 0.006 min

Lab File: VU062018.D

Acq: 25 Nov 2024 12:48

Instrument :

MSVOA_U

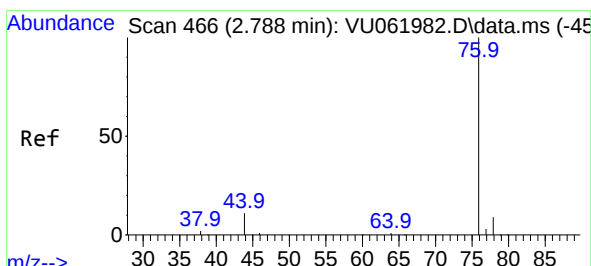
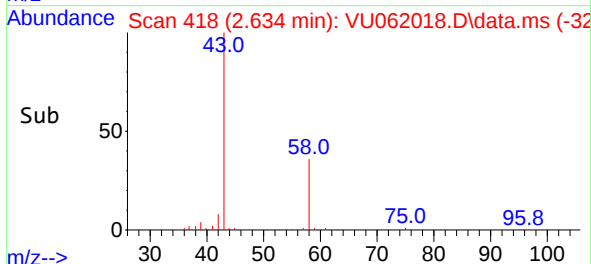
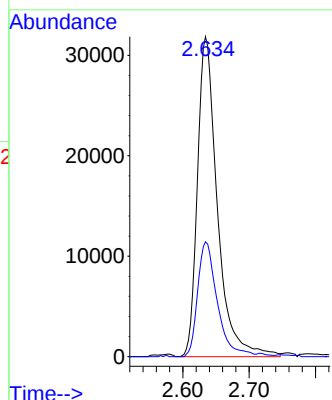
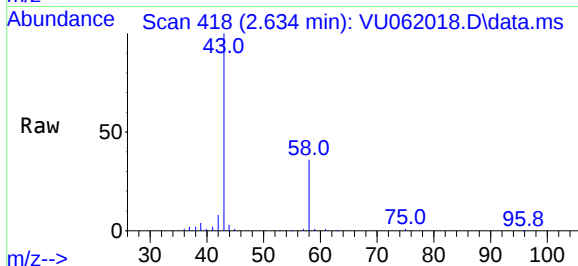
ClientSampleId :

Tgt Ion: 43 Resp: 66506

Ion Ratio Lower Upper

43 100

58 35.3 0.0 64.0



#14

Carbon disulfide

Concen: 4.474 ug/L

RT: 2.785 min Scan# 465

Delta R.T. -0.003 min

Lab File: VU062018.D

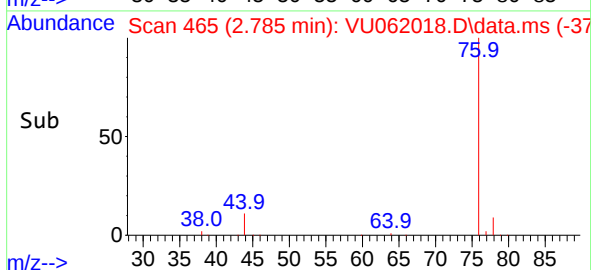
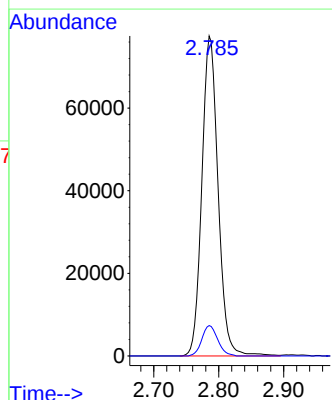
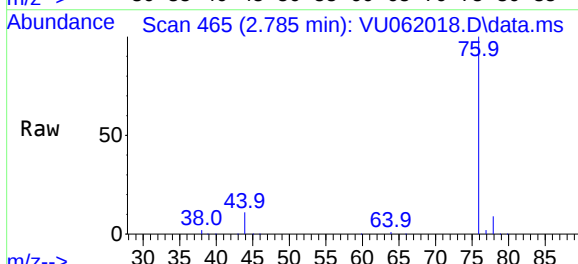
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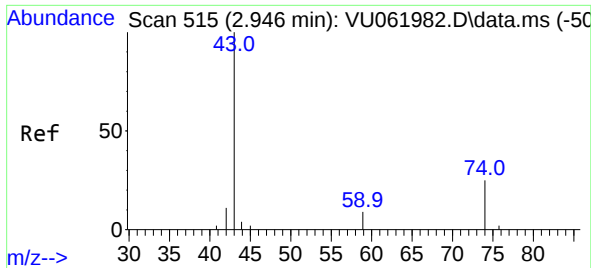
Tgt Ion: 76 Resp: 134856

Ion Ratio Lower Upper

76 100

78 9.5 7.5 11.3

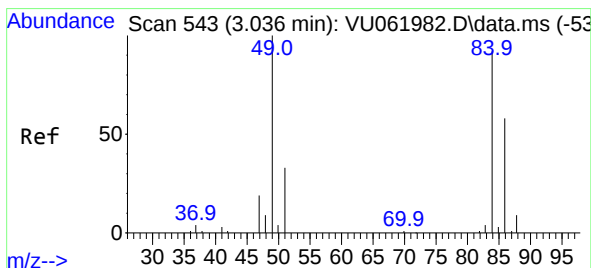
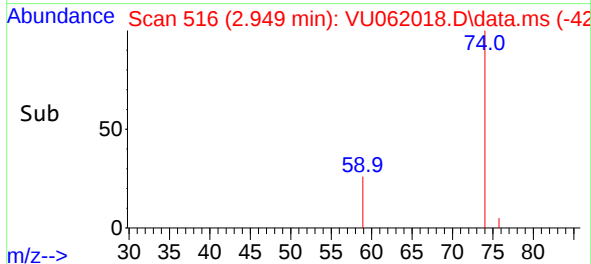
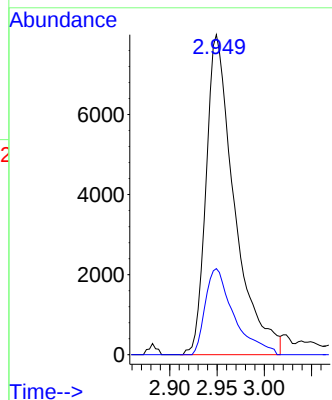
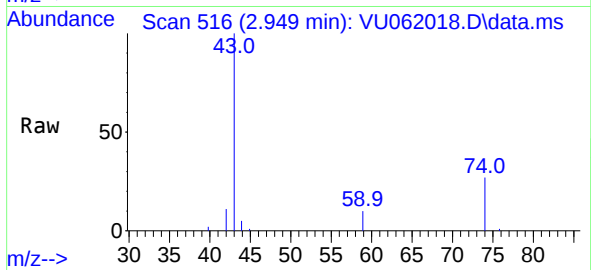




#15
Methyl Acetate
Concen: 4.310 ug/L
RT: 2.949 min Scan# 515
Delta R.T. -0.000 min
Lab File: VU062018.D
Acq: 25 Nov 2024 12:48

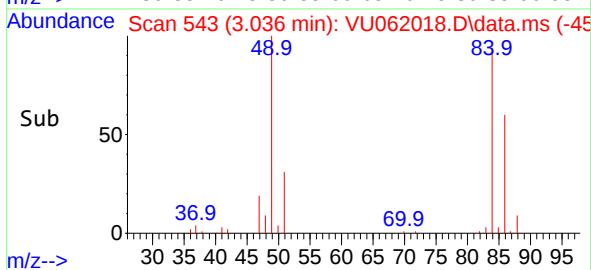
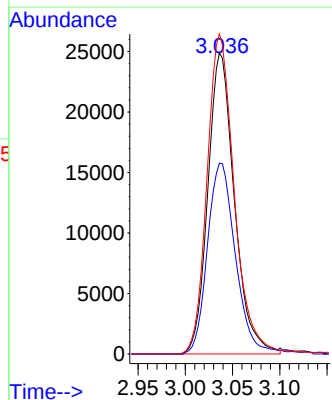
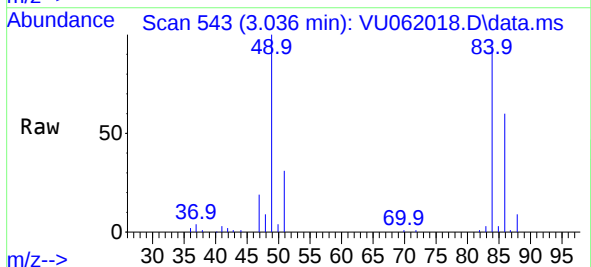
Instrument :
MSVOA_U
ClientSampleId :

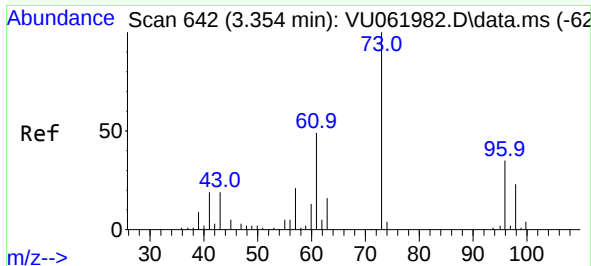
Tgt Ion: 43 Resp: 16631
Ion Ratio Lower Upper
43 100
74 27.2 19.4 29.2



#16
Methylene chloride
Concen: 4.266 ug/L
RT: 3.036 min Scan# 543
Delta R.T. -0.000 min
Lab File: VU062018.D
Acq: 25 Nov 2024 12:48

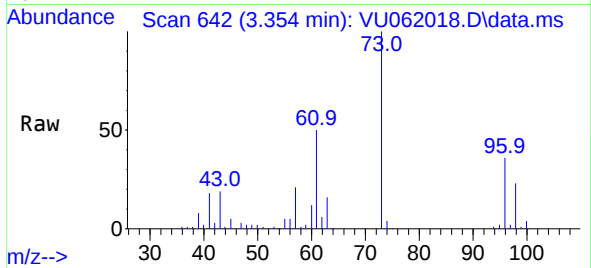
Tgt Ion: 84 Resp: 48535
Ion Ratio Lower Upper
84 100
86 63.4 43.5 80.7
49 106.3 81.9 152.1



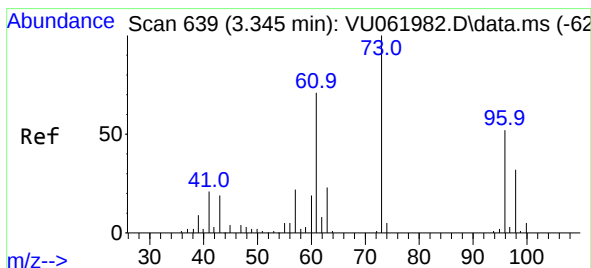
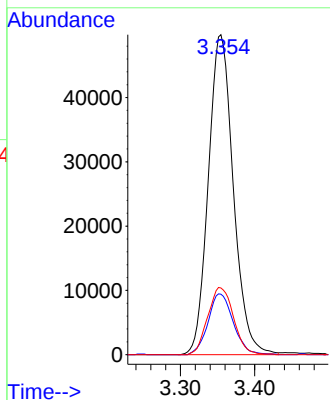
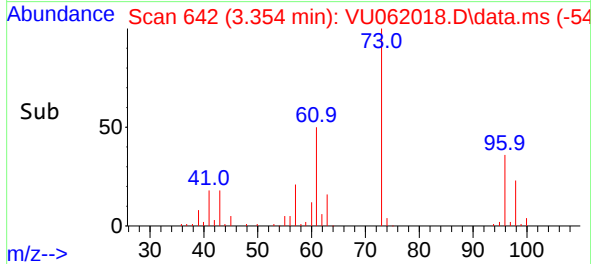


#17
Methyl tert-butyl Ether
Concen: 4.798 ug/L
RT: 3.354 min Scan# 642
Delta R.T. -0.000 min
Lab File: VU062018.D
Acq: 25 Nov 2024 12:48

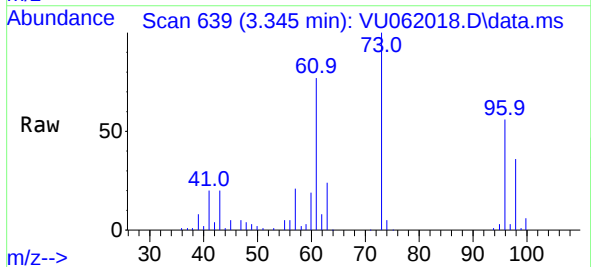
Instrument :
MSVOA_U
ClientSampleId :



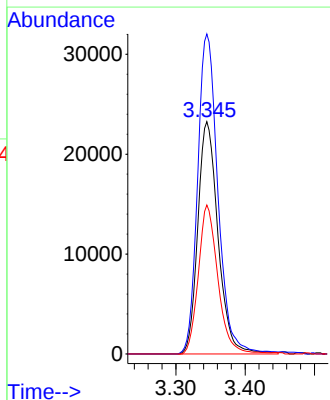
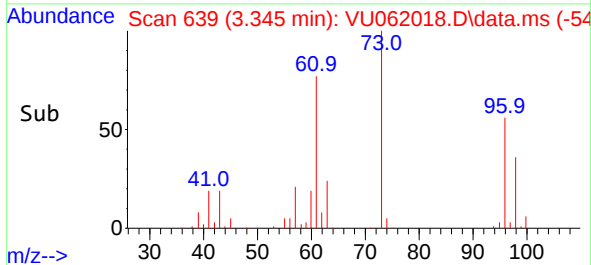
Tgt Ion: 73 Resp: 116534
Ion Ratio Lower Upper
73 100
43 19.3 16.3 24.5
57 21.6 17.1 25.7

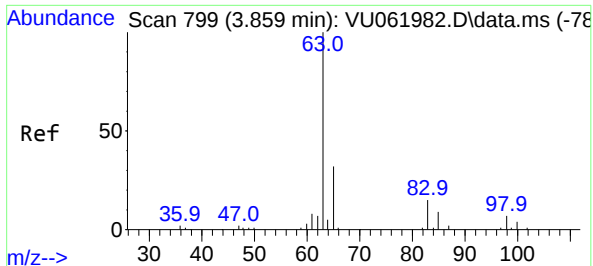


#18
trans-1,2-Dichloroethene
Concen: 4.721 ug/L
RT: 3.345 min Scan# 639
Delta R.T. -0.003 min
Lab File: VU062018.D
Acq: 25 Nov 2024 12:48



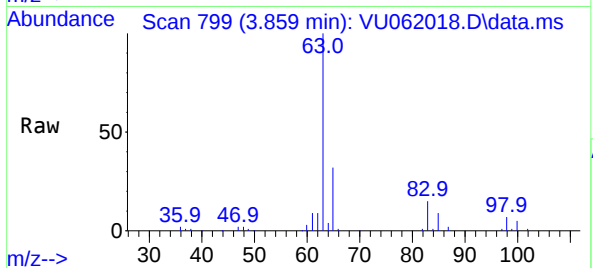
Tgt Ion: 96 Resp: 47286
Ion Ratio Lower Upper
96 100
61 137.8 104.2 193.4
98 64.2 45.7 84.9



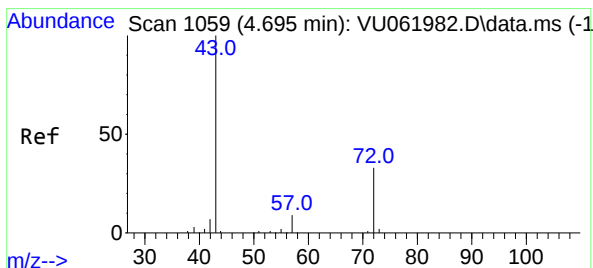
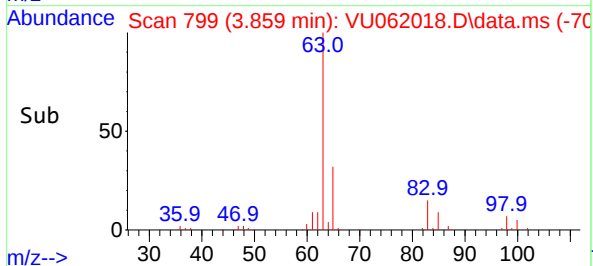
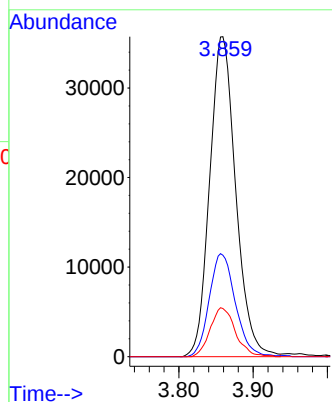


#19
1,1-Dichloroethane
Concen: 4.461 ug/L
RT: 3.859 min Scan# 799
Delta R.T. -0.000 min
Lab File: VU062018.D
Acq: 25 Nov 2024 12:48

Instrument :
MSVOA_U
ClientSampleId :

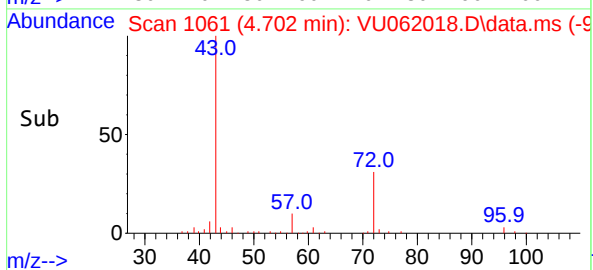
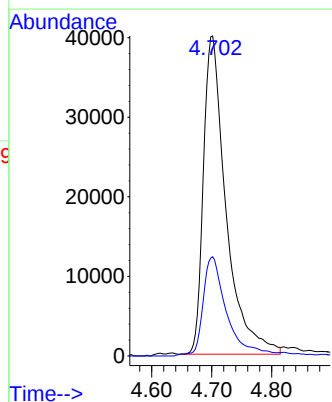
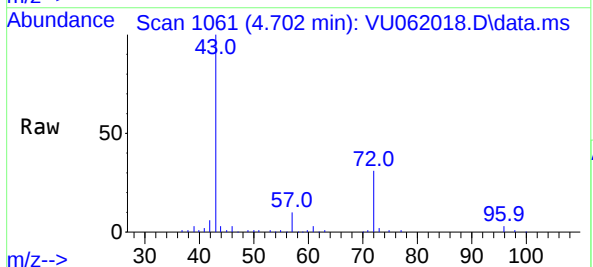


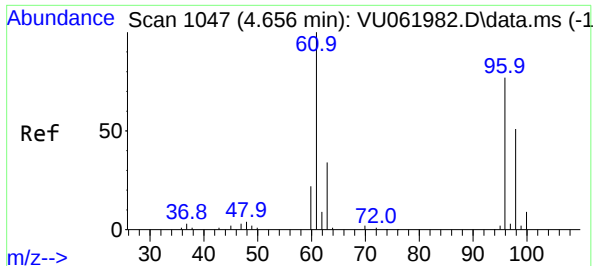
Tgt Ion: 63 Resp: 87044
Ion Ratio Lower Upper
63 100
65 31.7 22.7 42.3
83 15.0 9.9 18.3



#21
2-Butanone
Concen: 43.278 ug/L
RT: 4.702 min Scan# 1061
Delta R.T. 0.003 min
Lab File: VU062018.D
Acq: 25 Nov 2024 12:48

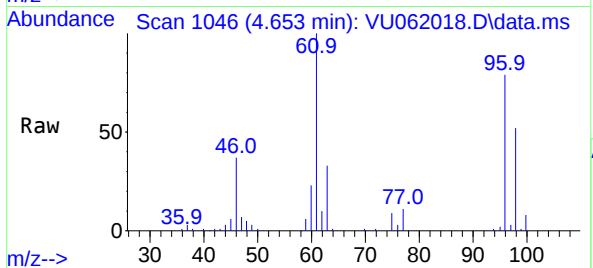
Tgt Ion: 43 Resp: 105108
Ion Ratio Lower Upper
43 100
72 32.4 14.8 44.4



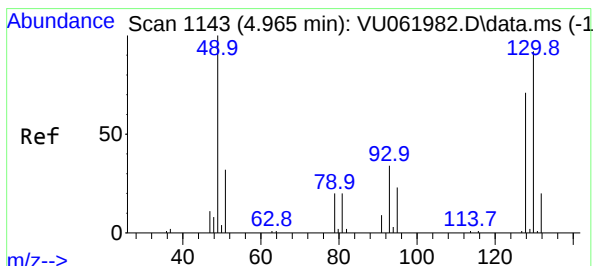
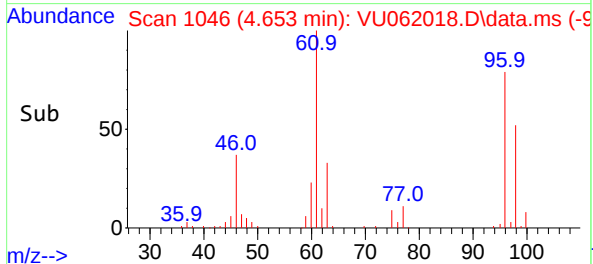
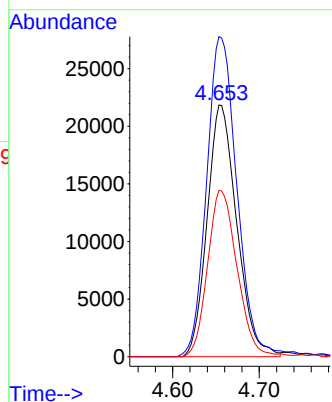


#22
cis-1,2-Dichloroethene
Concen: 4.613 ug/L
RT: 4.653 min Scan# 1047
Delta R.T. -0.003 min
Lab File: VU062018.D
Acq: 25 Nov 2024 12:48

Instrument :
MSVOA_U
ClientSampleId :

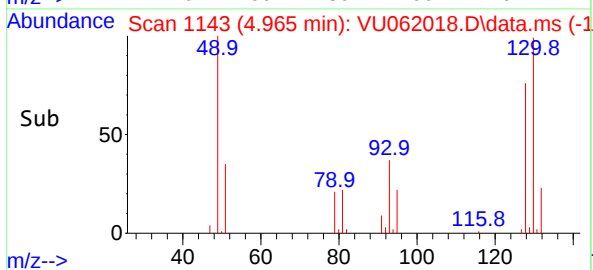
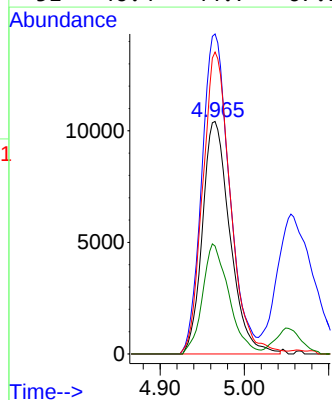
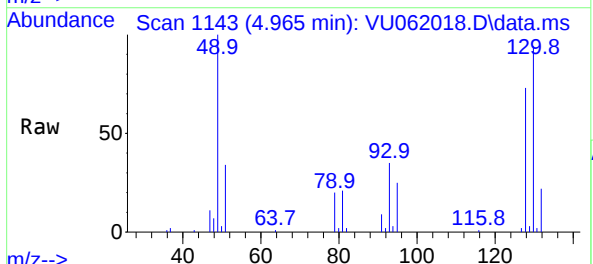


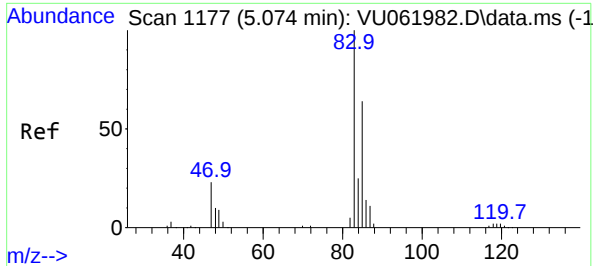
Tgt Ion: 96 Resp: 51999
Ion Ratio Lower Upper
96 100
61 127.1 92.0 170.8
98 66.1 44.5 82.7



#23
Bromochloromethane
Concen: 4.827 ug/L
RT: 4.965 min Scan# 1143
Delta R.T. -0.000 min
Lab File: VU062018.D
Acq: 25 Nov 2024 12:48

Tgt Ion: 128 Resp: 23657
Ion Ratio Lower Upper
128 100
49 137.6 115.3 214.1
130 129.8 92.0 170.8
51 46.4 44.7 67.1

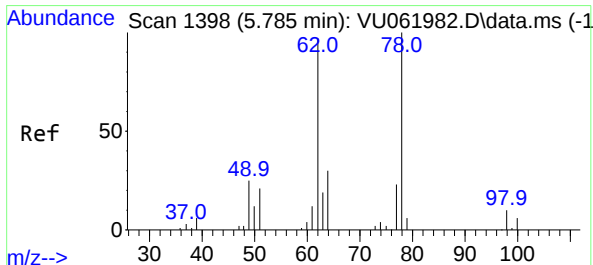
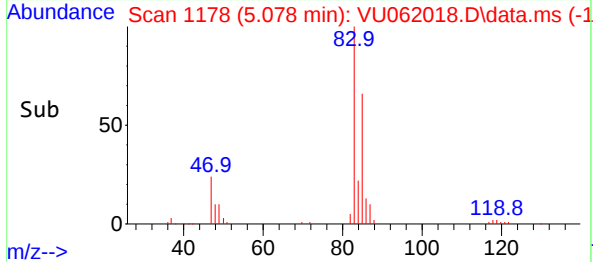
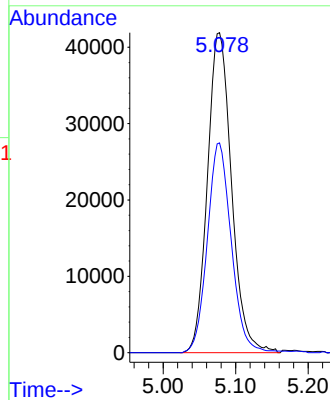
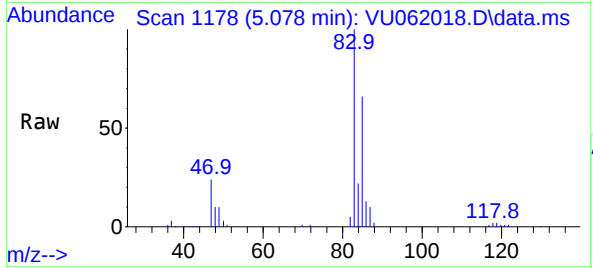




#25
Chloroform
Concen: 4.752 ug/L
RT: 5.078 min Scan# 1177
Delta R.T. -0.000 min
Lab File: VU062018.D
Acq: 25 Nov 2024 12:48

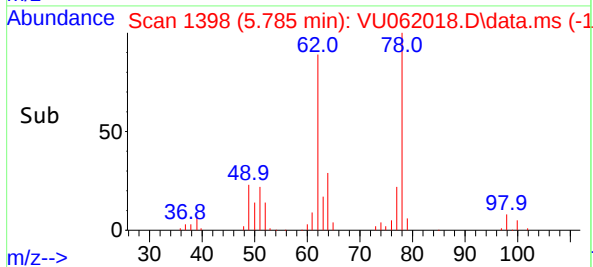
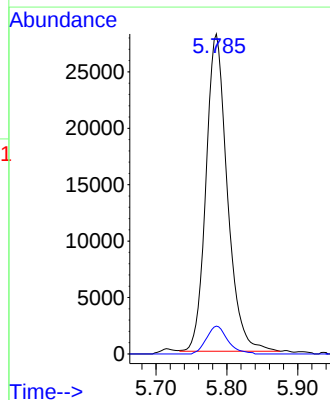
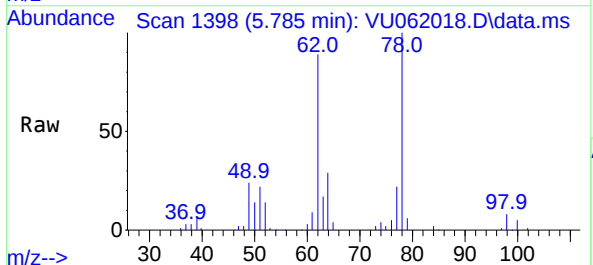
Instrument :
MSVOA_U
ClientSampleId :

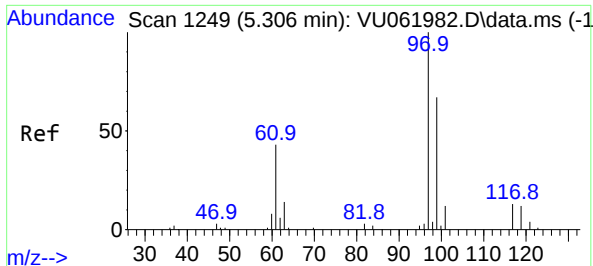
Tgt Ion: 83 Resp: 96929
Ion Ratio Lower Upper
83 100
85 65.6 45.4 84.2



#27
1,2-Dichloroethane
Concen: 4.495 ug/L
RT: 5.785 min Scan# 1398
Delta R.T. -0.000 min
Lab File: VU062018.D
Acq: 25 Nov 2024 12:48

Tgt Ion: 62 Resp: 58976
Ion Ratio Lower Upper
62 100
98 8.7 7.4 11.0



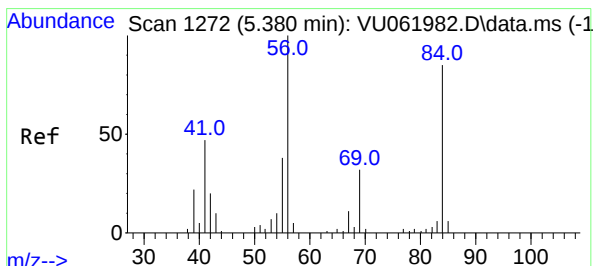
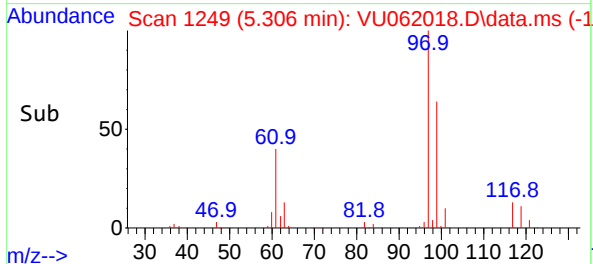
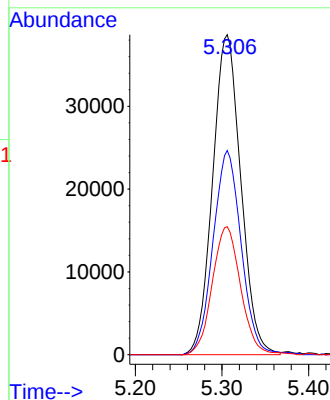
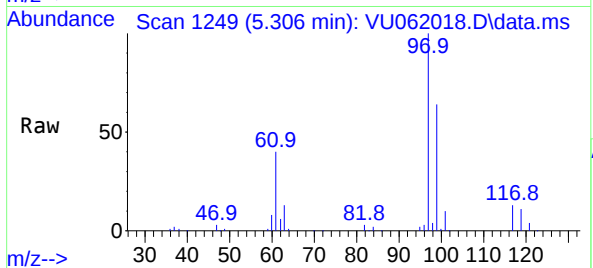


#29
1,1,1-Trichloroethane
Concen: 5.769 ug/L
RT: 5.306 min Scan# 1249
Delta R.T. -0.000 min
Lab File: VU062018.D
Acq: 25 Nov 2024 12:48

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 97 Resp: 87453

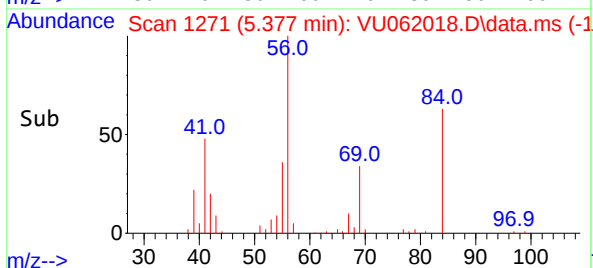
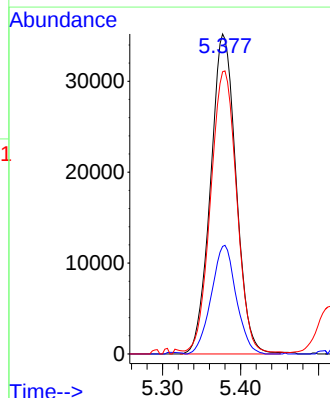
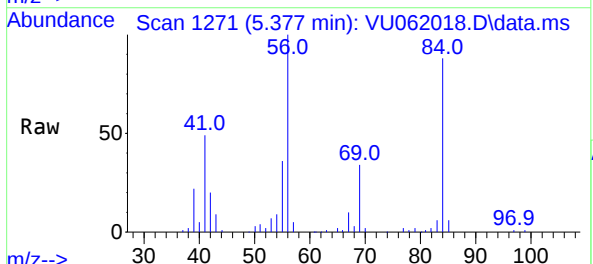
Ion	Ratio	Lower	Upper
97	100		
99	63.8	51.4	77.2
61	40.3	37.8	56.6

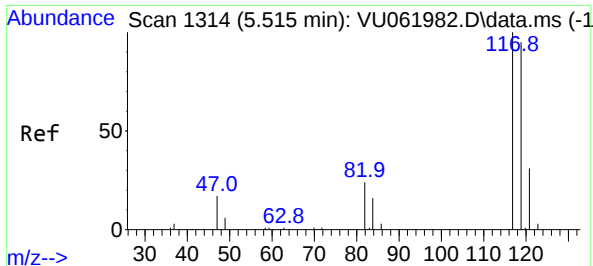


#30
Cyclohexane
Concen: 5.040 ug/L
RT: 5.377 min Scan# 1271
Delta R.T. -0.000 min
Lab File: VU062018.D
Acq: 25 Nov 2024 12:48

Tgt Ion: 56 Resp: 79906

Ion	Ratio	Lower	Upper
56	100		
69	33.1	25.1	37.7
84	89.0	70.6	105.8

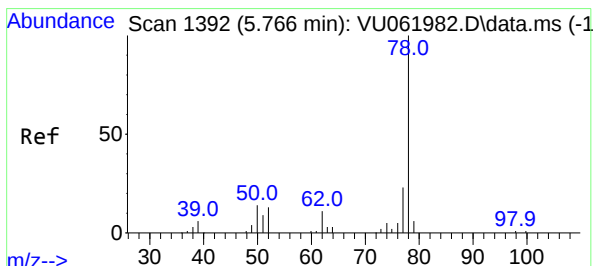
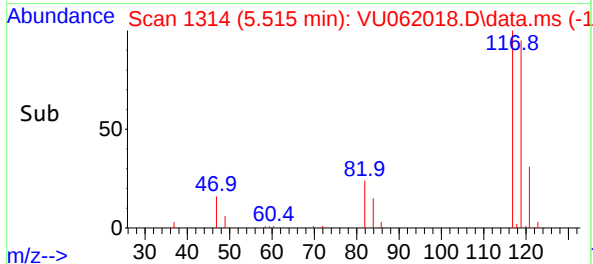
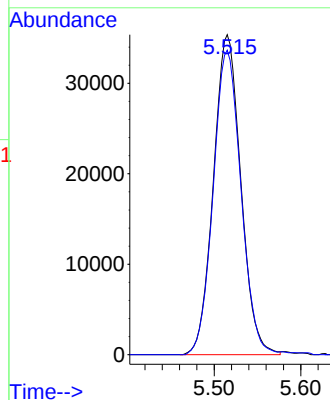
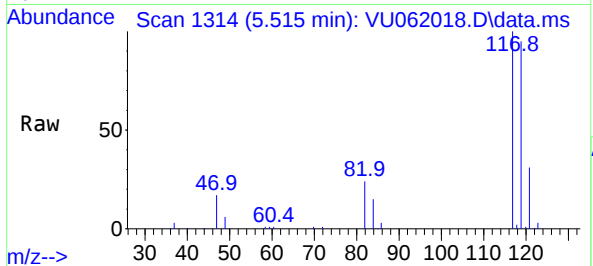




#31
Carbon tetrachloride
Concen: 6.036 ug/L
RT: 5.515 min Scan# 117
Delta R.T. -0.000 min
Lab File: VU062018.D
Acq: 25 Nov 2024 12:48

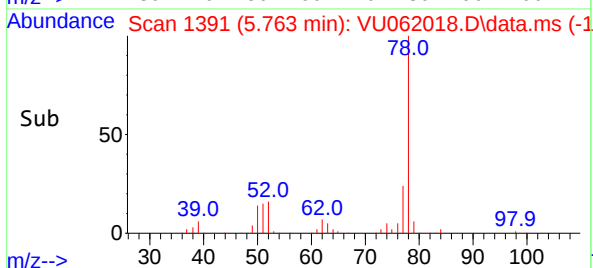
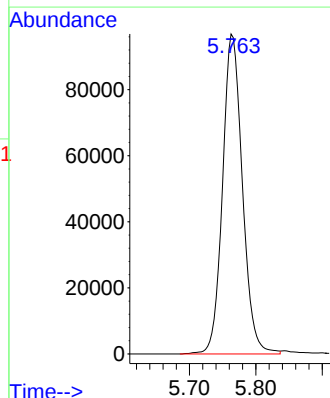
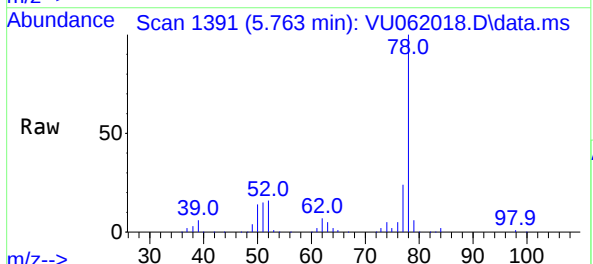
Instrument :
MSVOA_U
ClientSampleId :

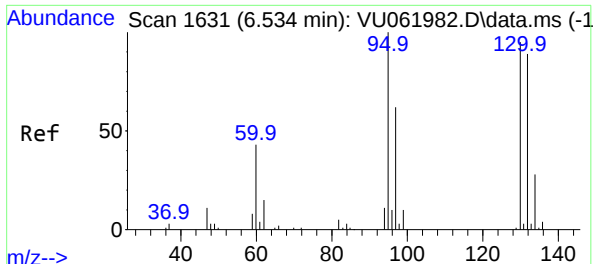
Tgt Ion:117 Resp: 77690
Ion Ratio Lower Upper
117 100
119 96.6 77.5 116.3



#33
Benzene
Concen: 5.068 ug/L
RT: 5.763 min Scan# 1391
Delta R.T. -0.003 min
Lab File: VU062018.D
Acq: 25 Nov 2024 12:48

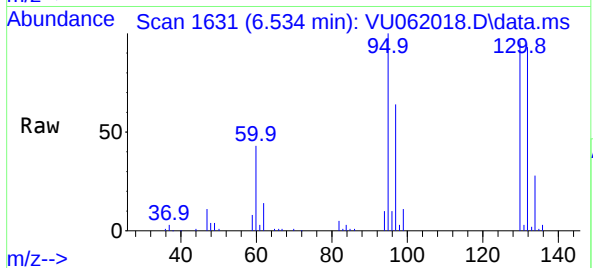
Tgt Ion: 78 Resp: 201299



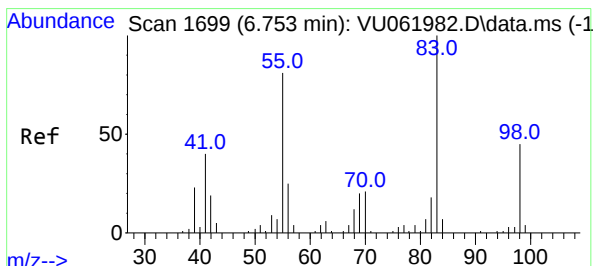
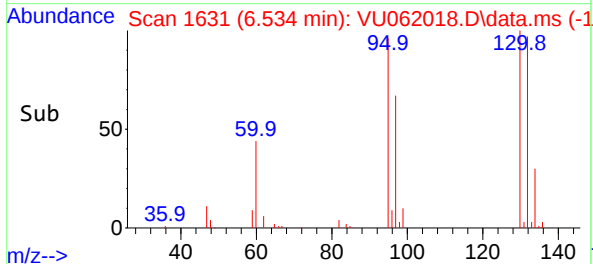
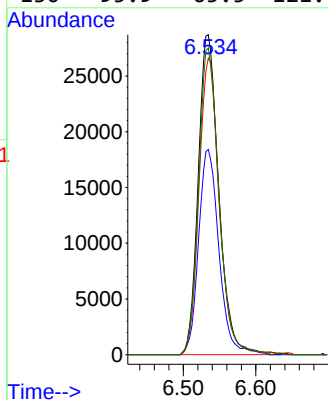


#34
Trichloroethene
Concen: 5.343 ug/L
RT: 6.534 min Scan# 1631
Delta R.T. -0.000 min
Lab File: VU062018.D
Acq: 25 Nov 2024 12:48

Instrument :
MSVOA_U
ClientSampleId :

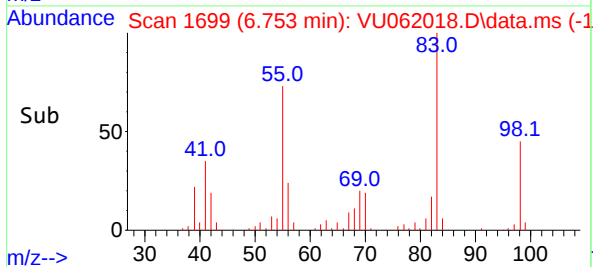
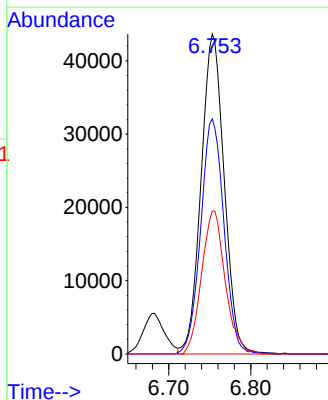
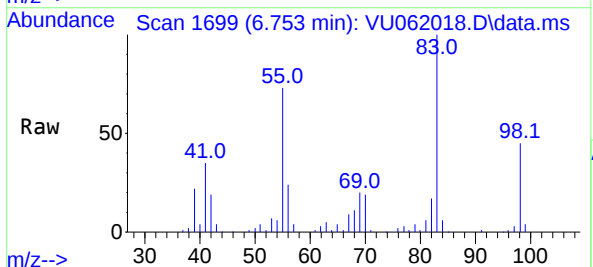


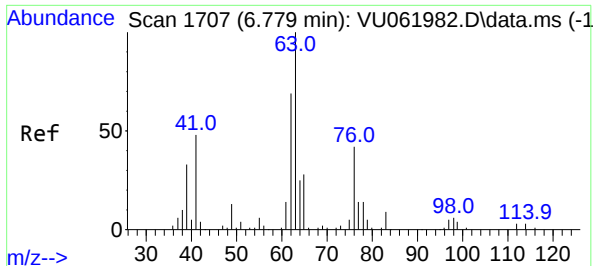
Tgt Ion: 95 Resp: 56634
Ion Ratio Lower Upper
95 100
97 64.1 45.9 85.3
132 92.6 63.8 118.4
130 95.9 65.5 121.7



#35
Methylcyclohexane
Concen: 5.263 ug/L
RT: 6.753 min Scan# 1699
Delta R.T. -0.000 min
Lab File: VU062018.D
Acq: 25 Nov 2024 12:48

Tgt Ion: 83 Resp: 85336
Ion Ratio Lower Upper
83 100
55 73.9 60.7 91.1
98 45.3 34.8 52.2

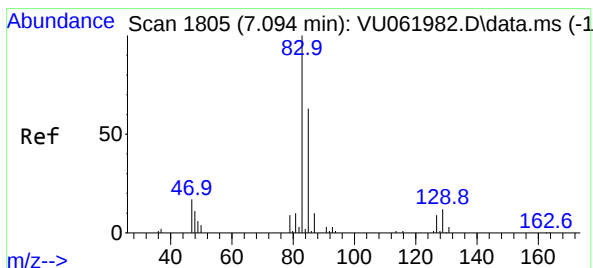
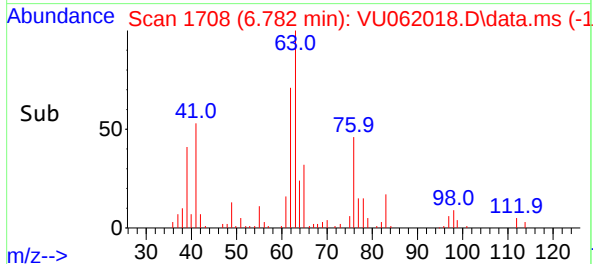
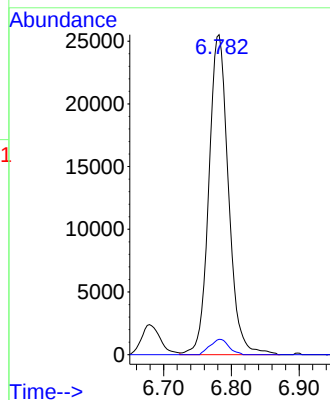
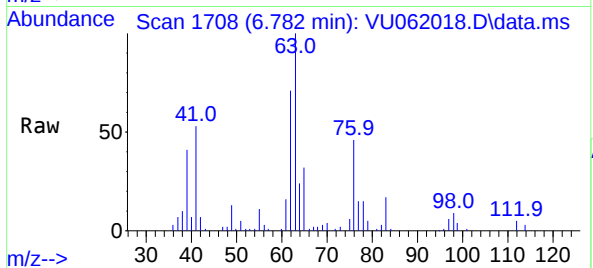




#37
1,2-Dichloropropane
Concen: 4.968 ug/L
RT: 6.782 min Scan# 11
Delta R.T. -0.000 min
Lab File: VU062018.D
Acq: 25 Nov 2024 12:48

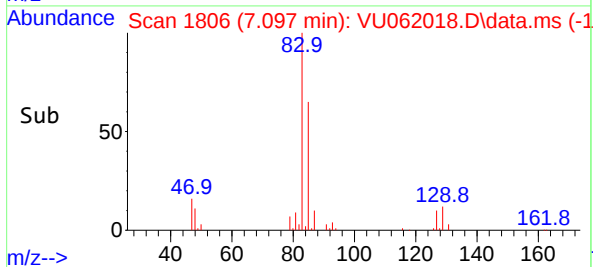
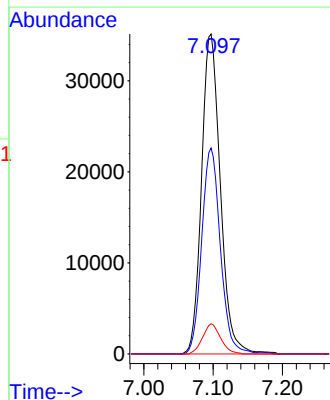
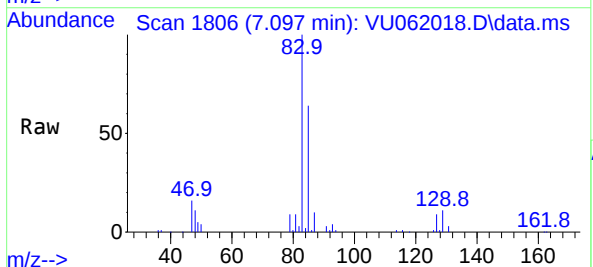
Instrument :
MSVOA_U
ClientSampleId :

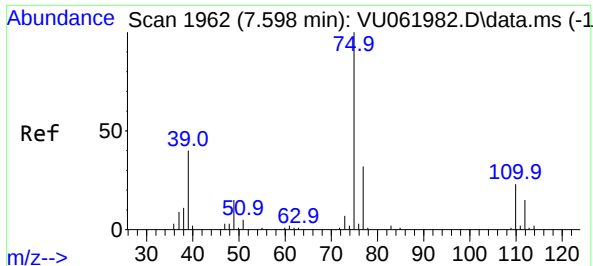
Tgt Ion: 63 Resp: 51260
Ion Ratio Lower Upper
63 100
112 4.6 3.4 5.0



#38
Bromodichloromethane
Concen: 5.296 ug/L
RT: 7.097 min Scan# 1806
Delta R.T. -0.000 min
Lab File: VU062018.D
Acq: 25 Nov 2024 12:48

Tgt Ion: 83 Resp: 66280
Ion Ratio Lower Upper
83 100
85 64.3 44.1 81.9
127 9.5 6.9 10.3





#39

cis-1,3-Dichloropropene

Concen: 5.410 ug/L

RT: 7.599 min Scan# 1962

Delta R.T. -0.000 min

Lab File: VU062018.D

Acq: 25 Nov 2024 12:48

Instrument :

MSVOA_U

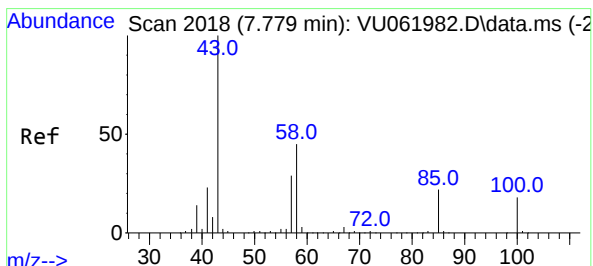
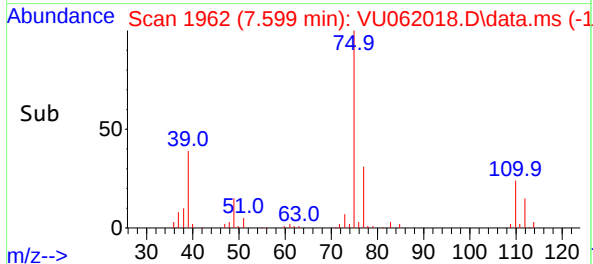
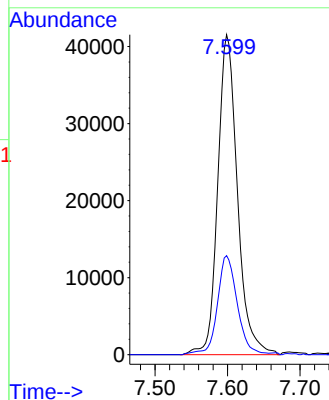
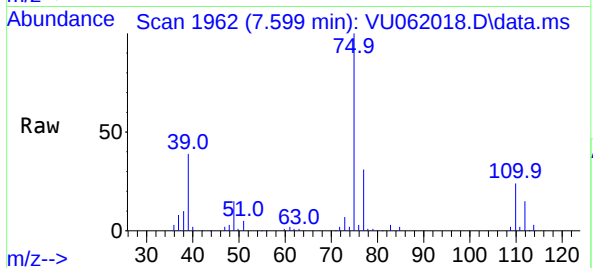
ClientSampleId :

Tgt Ion: 75 Resp: 78273

Ion Ratio Lower Upper

75 100

77 30.9 22.3 41.3



#40

4-Methyl-2-pentanone

Concen: 47.165 ug/L

RT: 7.782 min Scan# 2019

Delta R.T. -0.000 min

Lab File: VU062018.D

Acq: 25 Nov 2024 12:48

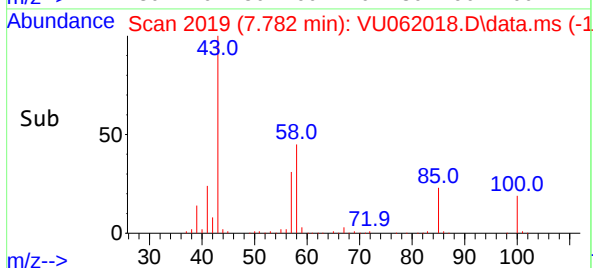
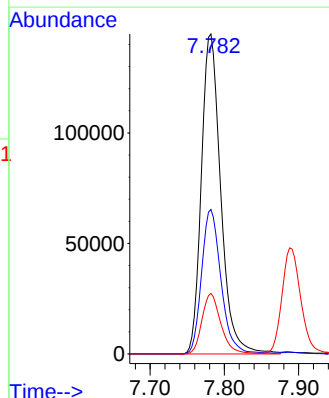
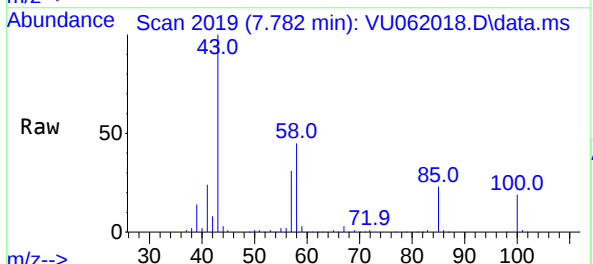
Tgt Ion: 43 Resp: 262590

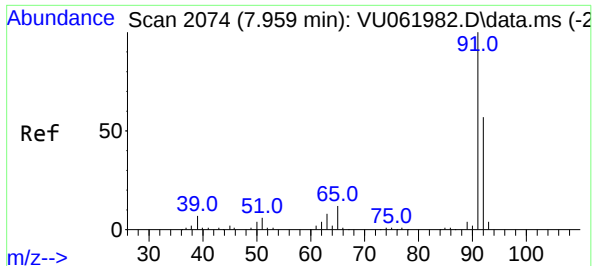
Ion Ratio Lower Upper

43 100

58 45.3 33.3 49.9

100 18.4 12.4 18.6





#42

Toluene

Concen: 5.230 ug/L

RT: 7.962 min Scan# 2074

Delta R.T. -0.000 min

Lab File: VU062018.D

Acq: 25 Nov 2024 12:48

Instrument :

MSVOA_U

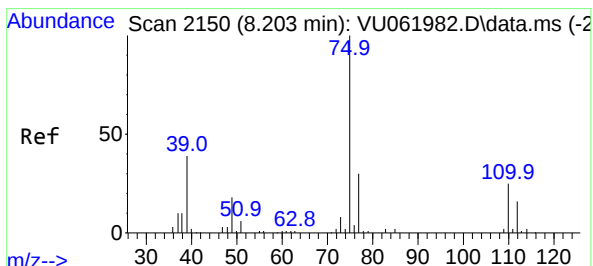
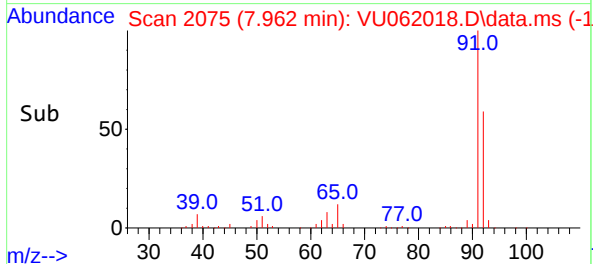
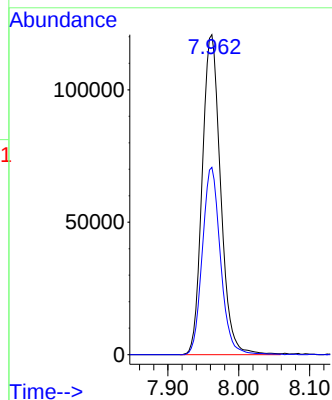
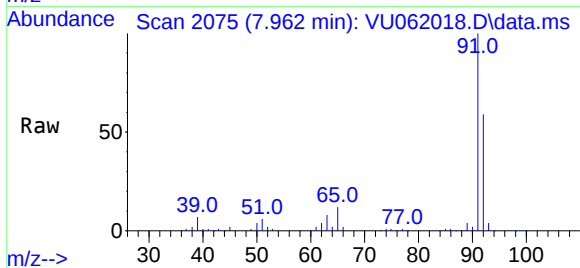
ClientSampleId :

Tgt Ion: 91 Resp: 217984

Ion Ratio Lower Upper

91 100

92 58.5 39.0 72.4



#44

trans-1,3-Dichloropropene

Concen: 5.693 ug/L

RT: 8.203 min Scan# 2150

Delta R.T. -0.000 min

Lab File: VU062018.D

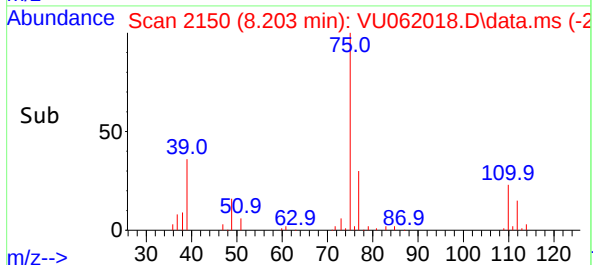
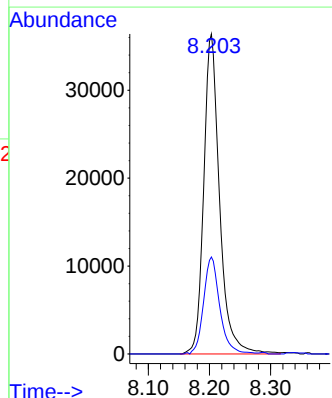
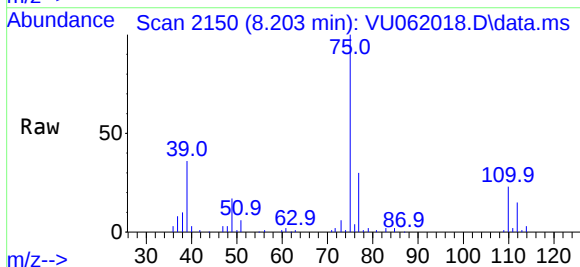
Acq: 25 Nov 2024 12:48

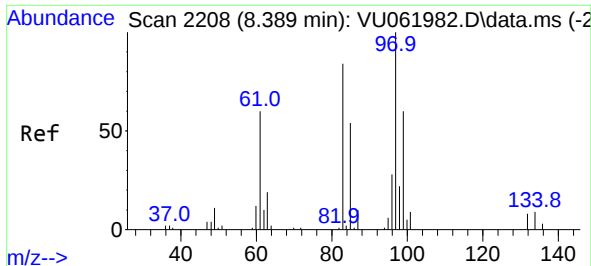
Tgt Ion: 75 Resp: 65418

Ion Ratio Lower Upper

75 100

77 30.3 21.8 40.4



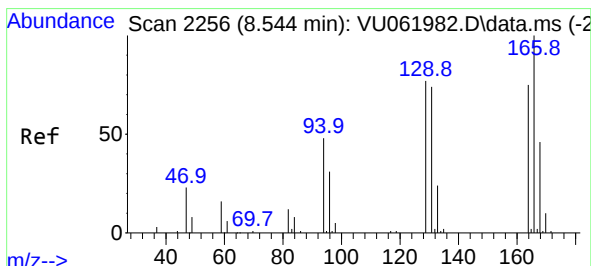
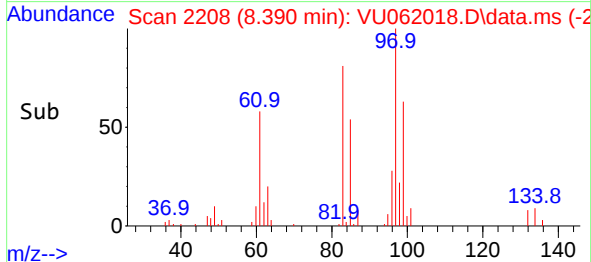
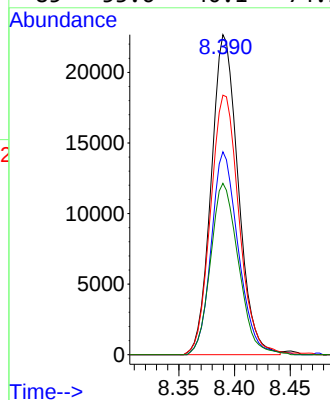
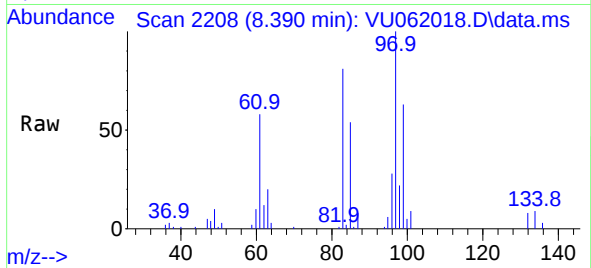


#45
1,1,2-Trichloroethane
Concen: 5.029 ug/L
RT: 8.390 min Scan# 21
Delta R.T. -0.003 min
Lab File: VU062018.D
Acq: 25 Nov 2024 12:48

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 97 Resp: 38231

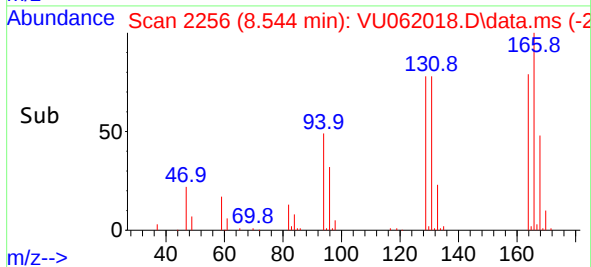
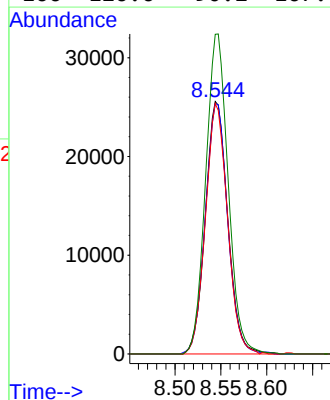
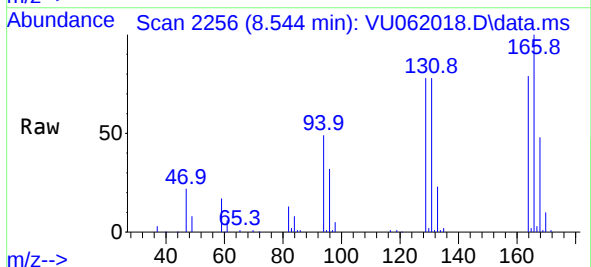
Ion	Ratio	Lower	Upper
97	100		
99	63.4	43.0	79.8
83	81.1	61.7	114.5
85	53.6	40.1	74.5

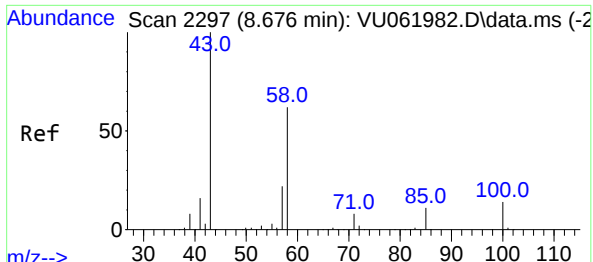


#47
Tetrachloroethene
Concen: 5.657 ug/L
RT: 8.544 min Scan# 2256
Delta R.T. -0.000 min
Lab File: VU062018.D
Acq: 25 Nov 2024 12:48

Tgt Ion: 164 Resp: 43611

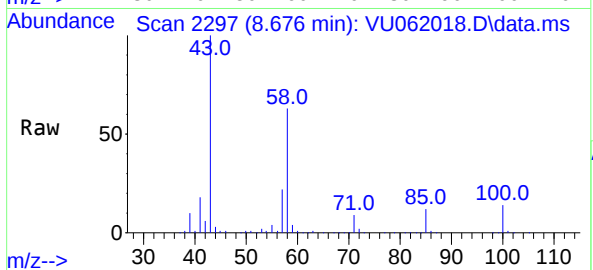
Ion	Ratio	Lower	Upper
164	100		
129	99.1	73.2	136.0
131	99.2	72.3	134.3
166	126.6	90.2	167.4



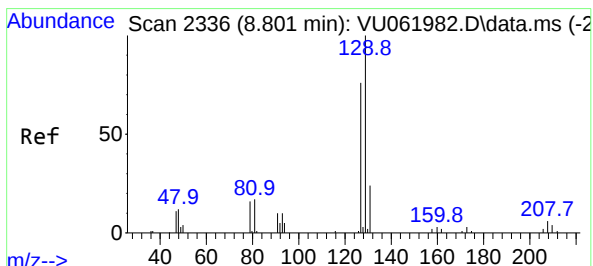
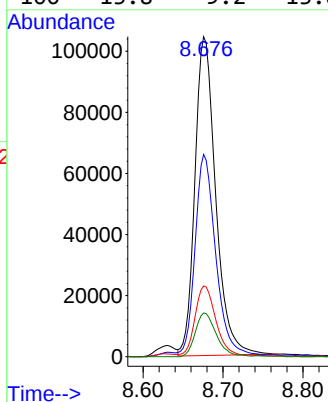
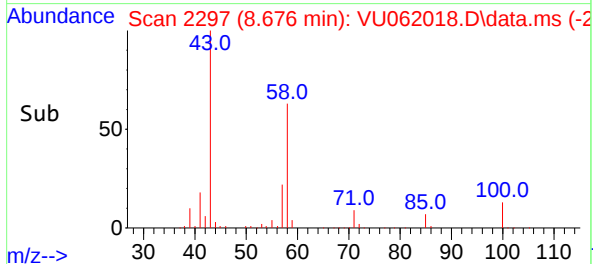


#48
2-Hexanone
Concen: 45.439 ug/L
RT: 8.676 min Scan# 2297
Delta R.T. -0.000 min
Lab File: VU062018.D
Acq: 25 Nov 2024 12:48

Instrument :
MSVOA_U
ClientSampleId :

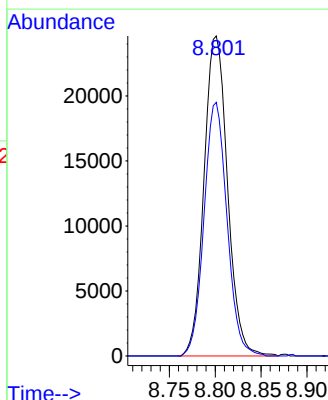
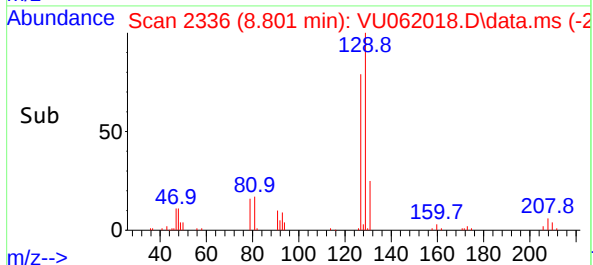
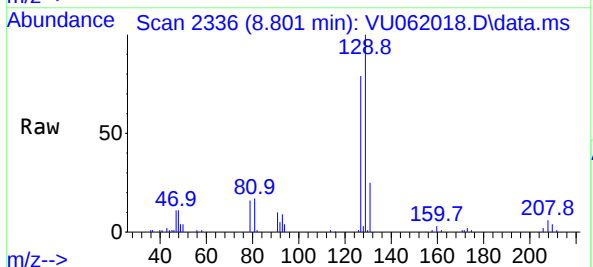


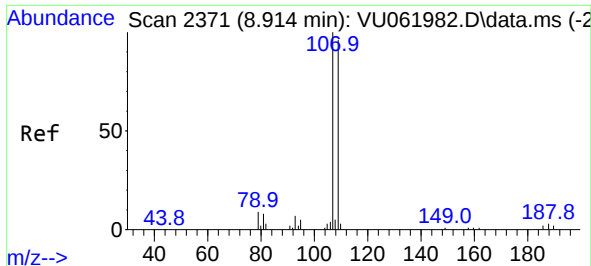
Tgt Ion: 43 Resp: 189459
Ion Ratio Lower Upper
43 100
58 62.8 47.5 71.3
57 22.4 15.6 23.4
100 13.8 9.2 13.8#



#49
Dibromochloromethane
Concen: 5.477 ug/L
RT: 8.801 min Scan# 2336
Delta R.T. 0.003 min
Lab File: VU062018.D
Acq: 25 Nov 2024 12:48

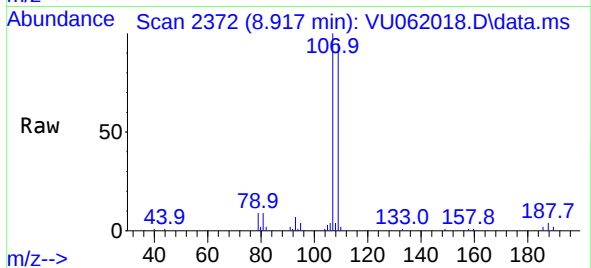
Tgt Ion:129 Resp: 43980
Ion Ratio Lower Upper
129 100
127 79.3 51.1 94.9



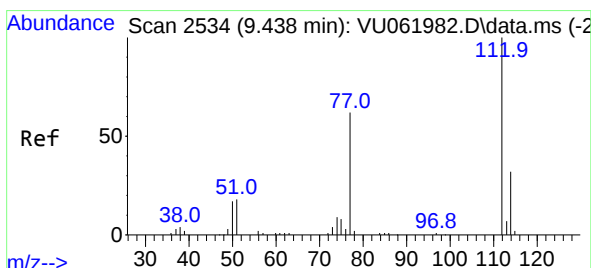
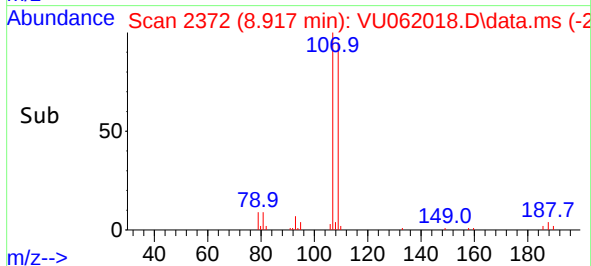
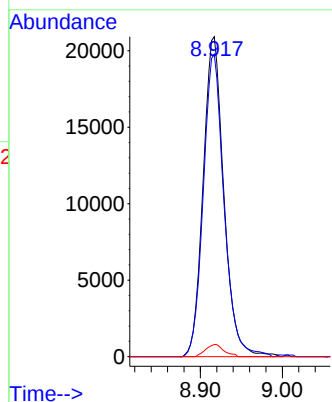


#50
1,2-Dibromoethane
Concen: 4.846 ug/L
RT: 8.917 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU062018.D
Acq: 25 Nov 2024 12:48

Instrument :
MSVOA_U
ClientSampleId :

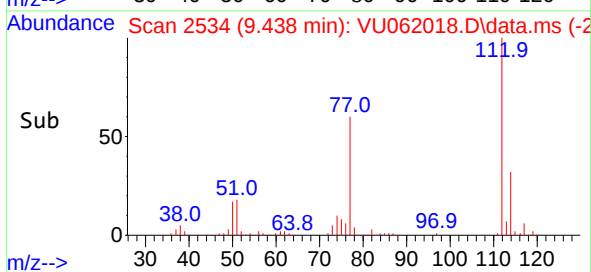
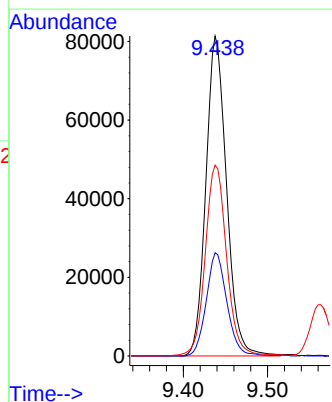
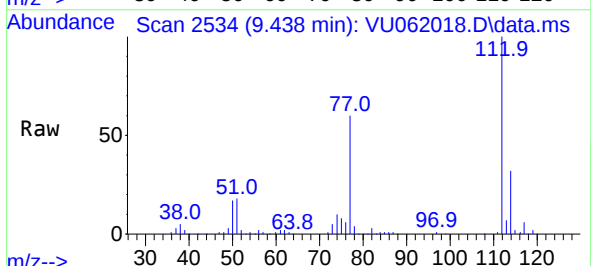


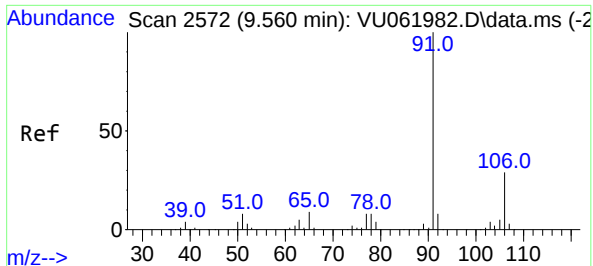
Tgt Ion:107 Resp: 36564
Ion Ratio Lower Upper
107 100
109 94.6 66.8 124.2
188 3.8 2.3 3.5#



#51
Chlorobenzene
Concen: 4.862 ug/L
RT: 9.438 min Scan# 2534
Delta R.T. -0.000 min
Lab File: VU062018.D
Acq: 25 Nov 2024 12:48

Tgt Ion:112 Resp: 138788
Ion Ratio Lower Upper
112 100
114 32.3 23.0 42.6
77 59.7 50.5 75.7

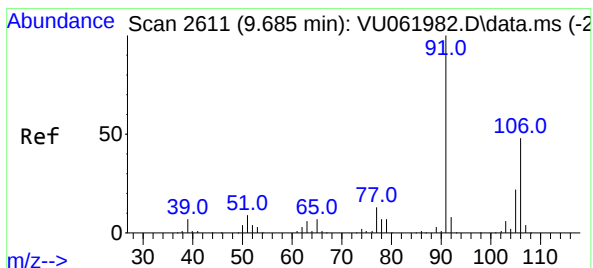
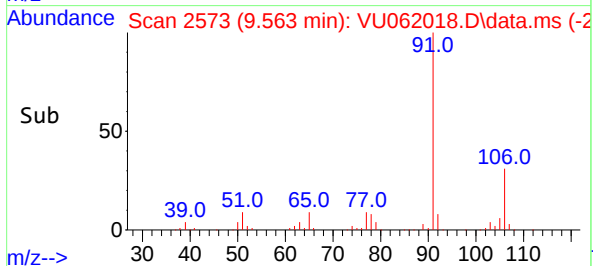
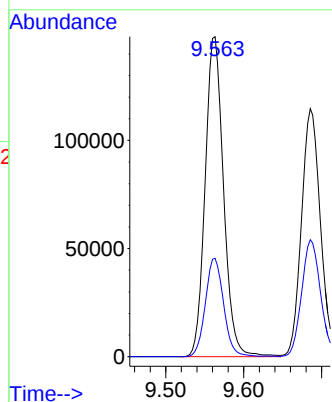
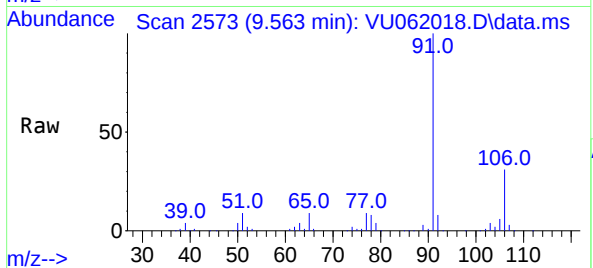




#52
Ethylbenzene
Concen: 4.869 ug/L
RT: 9.563 min Scan# 21
Delta R.T. 0.003 min
Lab File: VU062018.D
Acq: 25 Nov 2024 12:48

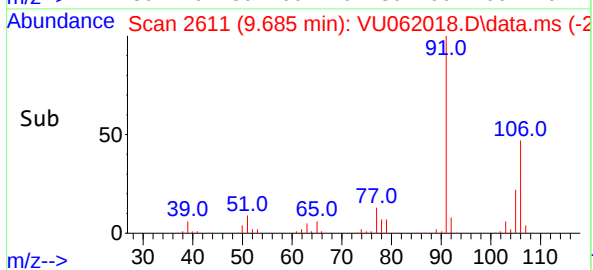
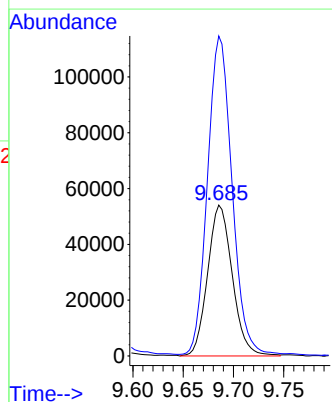
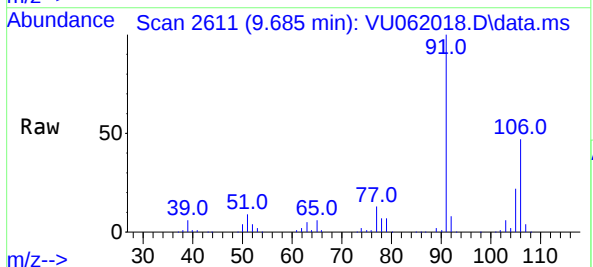
Instrument :
MSVOA_U
ClientSampleId :

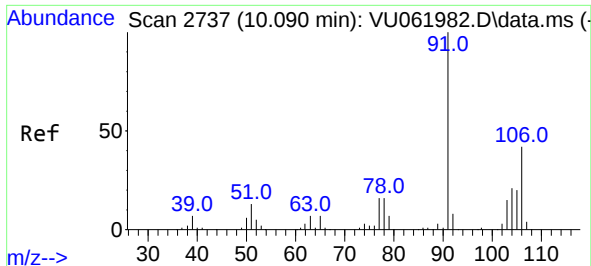
Tgt Ion: 91 Resp: 242867
Ion Ratio Lower Upper
91 100
106 30.7 21.6 40.0



#53
m,p-Xylene
Concen: 5.244 ug/L
RT: 9.685 min Scan# 2611
Delta R.T. -0.000 min
Lab File: VU062018.D
Acq: 25 Nov 2024 12:48

Tgt Ion: 106 Resp: 92296
Ion Ratio Lower Upper
106 100
91 212.2 147.6 274.0

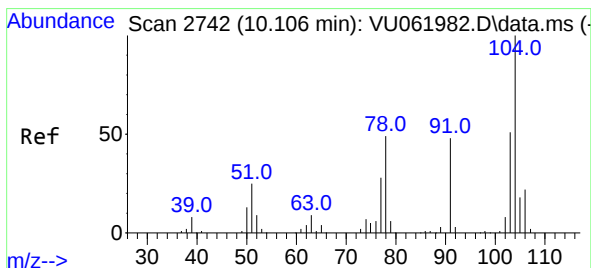
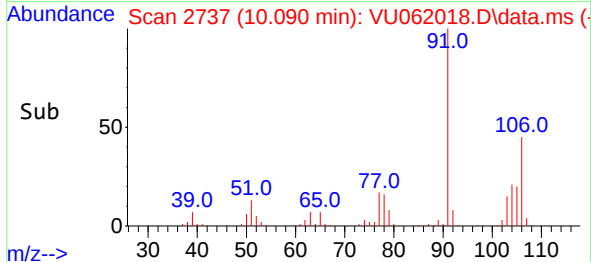
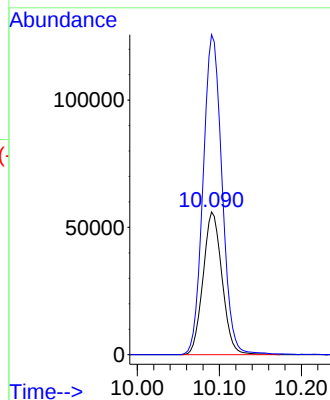
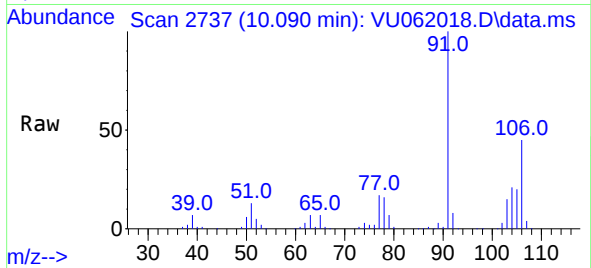




#54
o-Xylene
Concen: 5.069 ug/L
RT: 10.090 min Scan# 2737
Delta R.T. -0.003 min
Lab File: VU062018.D
Acq: 25 Nov 2024 12:48

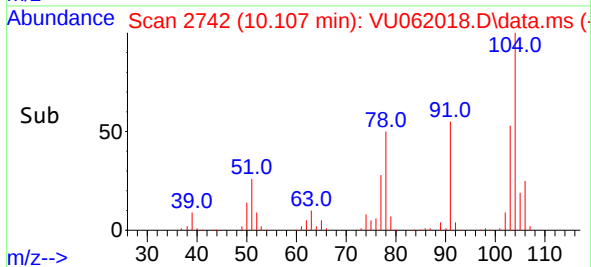
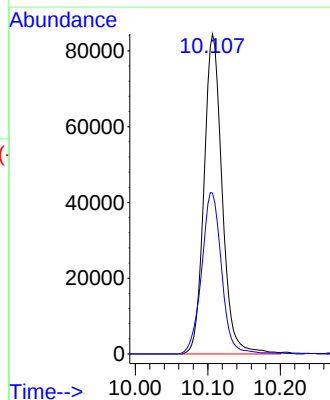
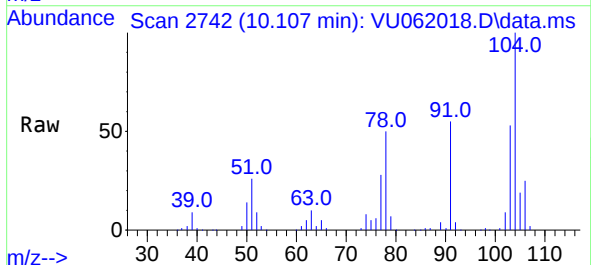
Instrument :
MSVOA_U
ClientSampleId :

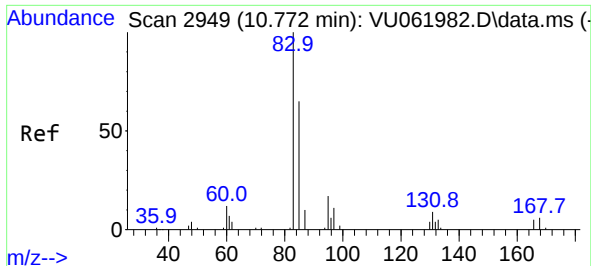
Tgt Ion:106 Resp: 90057
Ion Ratio Lower Upper
106 100
91 224.2 159.8 296.8



#55
Styrene
Concen: 5.010 ug/L
RT: 10.107 min Scan# 2742
Delta R.T. -0.000 min
Lab File: VU062018.D
Acq: 25 Nov 2024 12:48

Tgt Ion:104 Resp: 146627
Ion Ratio Lower Upper
104 100
78 50.3 33.2 61.7

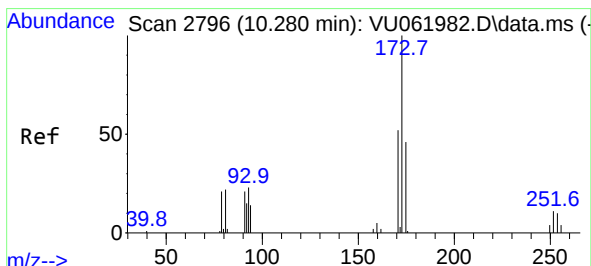
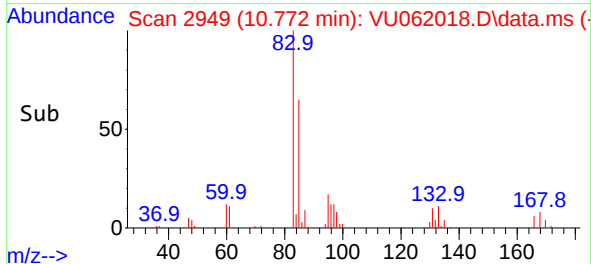
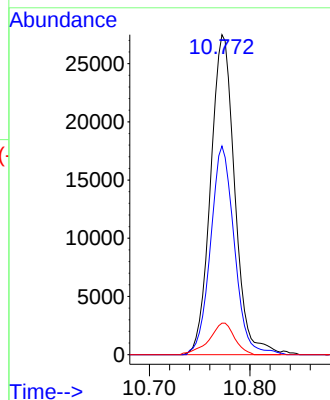
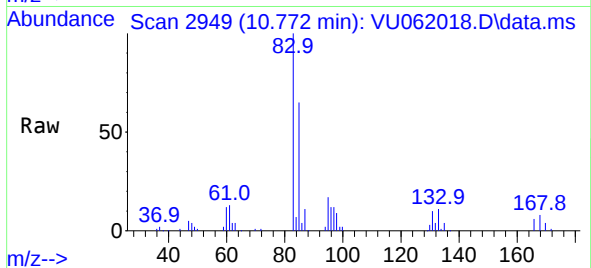




#57
1,1,2,2-Tetrachloroethane
Concen: 4.701 ug/L
RT: 10.772 min Scan# 2949
Delta R.T. -0.000 min
Lab File: VU062018.D
Acq: 25 Nov 2024 12:48

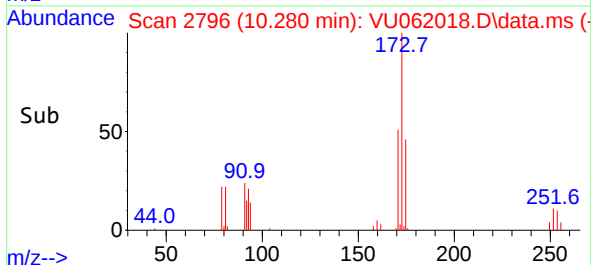
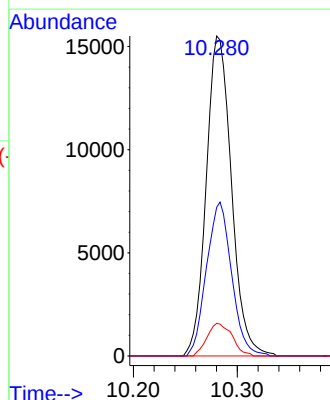
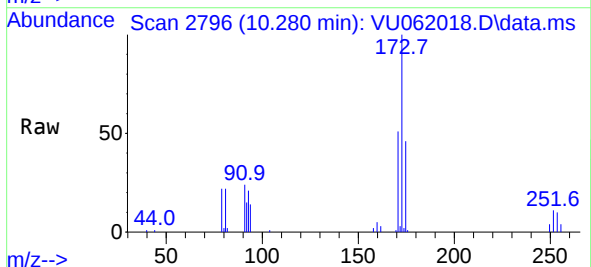
Instrument :
MSVOA_U
ClientSampleId :

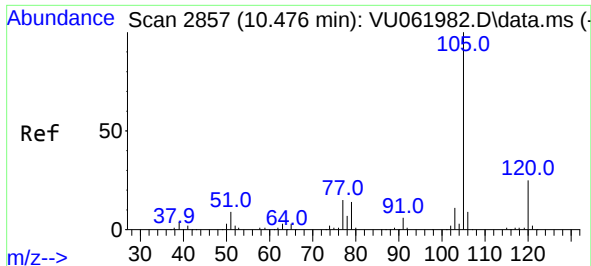
Tgt Ion: 83 Resp: 45794
Ion Ratio Lower Upper
83 100
85 65.2 44.4 82.4
131 9.9 7.3 10.9



#59
Bromoform
Concen: 5.344 ug/L
RT: 10.280 min Scan# 2796
Delta R.T. -0.000 min
Lab File: VU062018.D
Acq: 25 Nov 2024 12:48

Tgt Ion:173 Resp: 26150
Ion Ratio Lower Upper
173 100
175 48.0 39.0 58.4
254 10.2 7.4 11.0

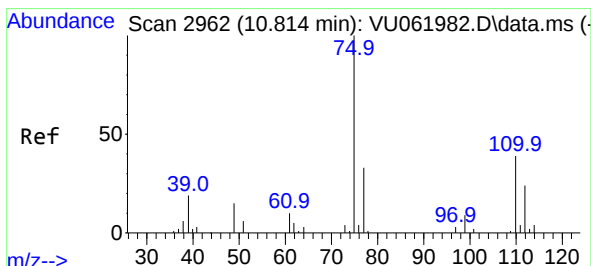
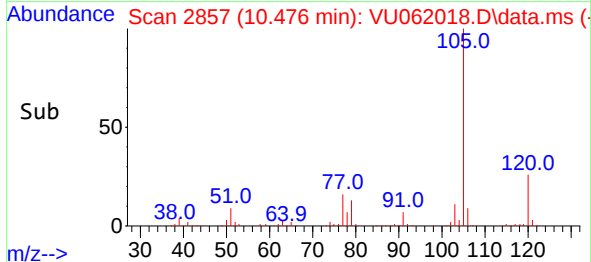
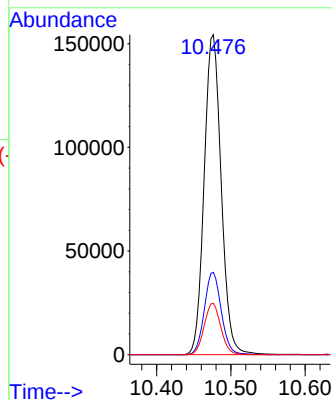
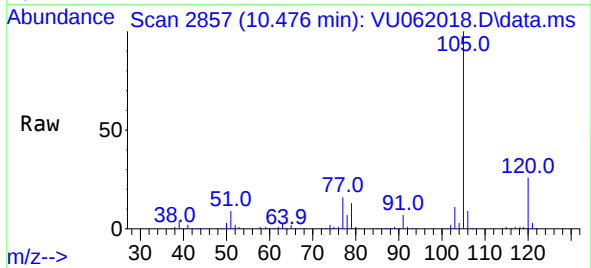




#60
Isopropylbenzene
Concen: 4.788 ug/L
RT: 10.476 min Scan# 2857
Delta R.T. -0.000 min
Lab File: VU062018.D
Acq: 25 Nov 2024 12:48

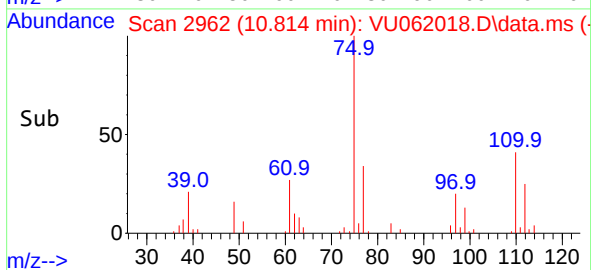
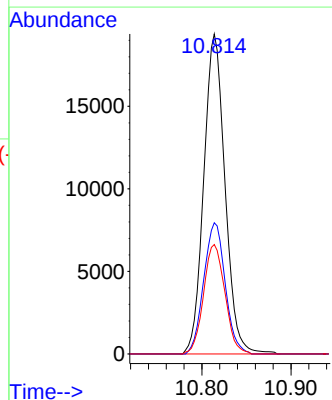
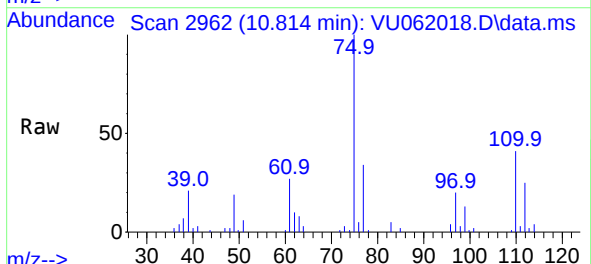
Instrument :
MSVOA_U
ClientSampleId :

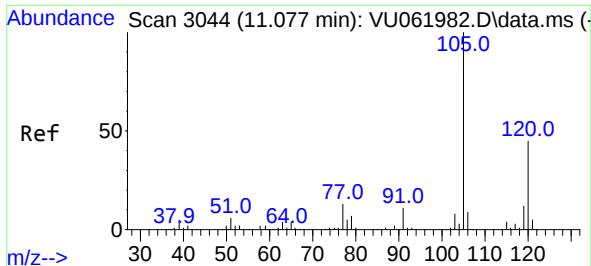
Tgt Ion:105 Resp: 245777
Ion Ratio Lower Upper
105 100
120 25.6 20.6 31.0
77 15.7 13.0 19.6



#61
1,2,3-Trichloropropane
Concen: 4.213 ug/L
RT: 10.814 min Scan# 2962
Delta R.T. -0.000 min
Lab File: VU062018.D
Acq: 25 Nov 2024 12:48

Tgt Ion: 75 Resp: 32062
Ion Ratio Lower Upper
75 100
110 41.4 28.9 43.3
77 34.4 26.5 39.7

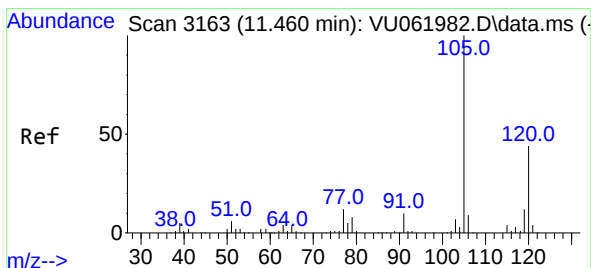
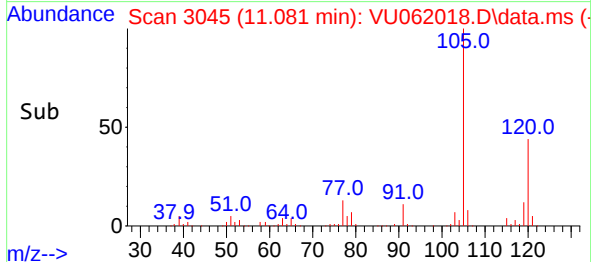
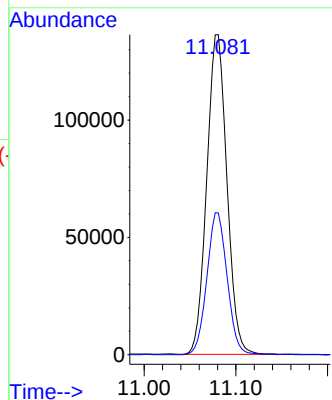
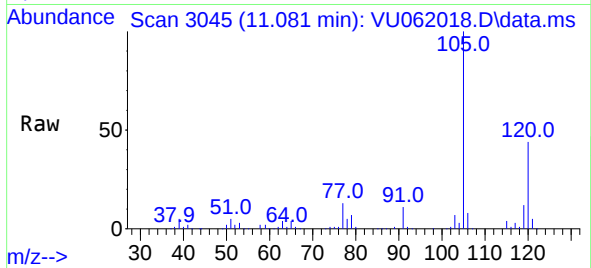




#62
1,3,5-Trimethylbenzene
Concen: 5.090 ug/L
RT: 11.081 min Scan# 3044
Delta R.T. -0.000 min
Lab File: VU062018.D
Acq: 25 Nov 2024 12:48

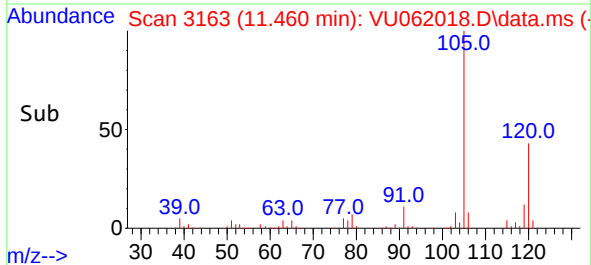
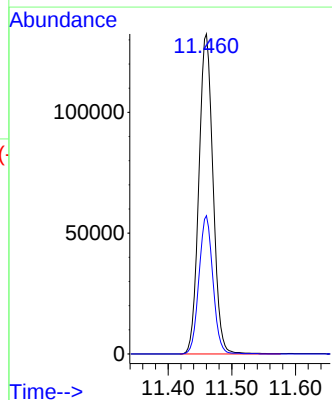
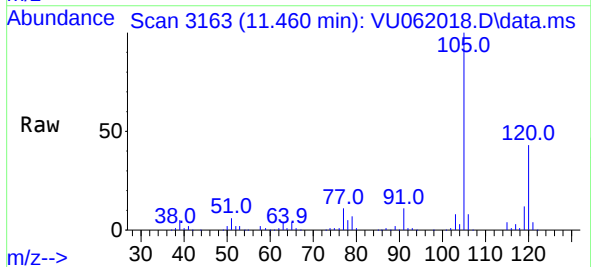
Instrument :
MSVOA_U
ClientSampleId :

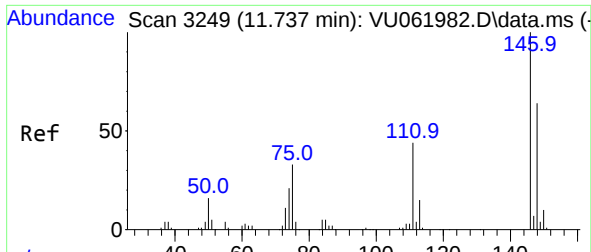
Tgt Ion:105 Resp: 208417
Ion Ratio Lower Upper
105 100
120 44.6 36.7 55.1



#63
1,2,4-Trimethylbenzene
Concen: 5.012 ug/L
RT: 11.460 min Scan# 3163
Delta R.T. -0.000 min
Lab File: VU062018.D
Acq: 25 Nov 2024 12:48

Tgt Ion:105 Resp: 204608
Ion Ratio Lower Upper
105 100
120 42.5 34.7 52.1





#64

1,3-Dichlorobenzene

Concen: 4.730 ug/L

RT: 11.737 min Scan# 3249

Delta R.T. -0.000 min

Lab File: VU062018.D

Acq: 25 Nov 2024 12:48

Instrument :

MSVOA_U

ClientSampleId :

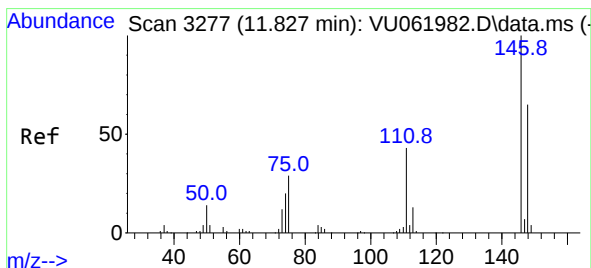
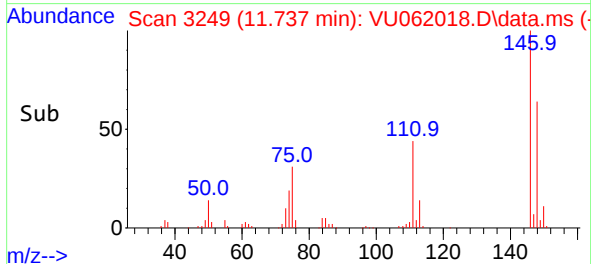
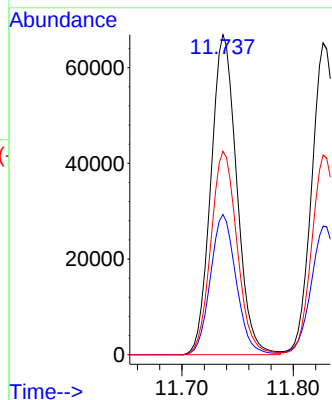
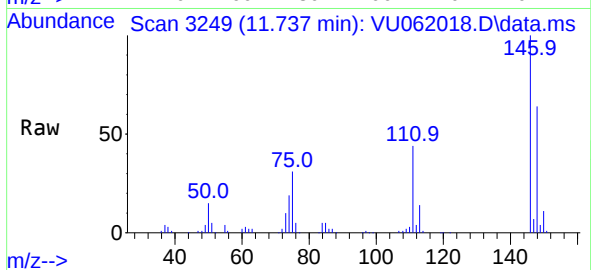
Tgt Ion:146 Resp: 107784

Ion Ratio Lower Upper

146 100

111 43.8 30.7 57.1

148 63.6 45.1 83.7



#65

1,4-Dichlorobenzene

Concen: 4.885 ug/L

RT: 11.827 min Scan# 3277

Delta R.T. -0.000 min

Lab File: VU062018.D

Acq: 25 Nov 2024 12:48

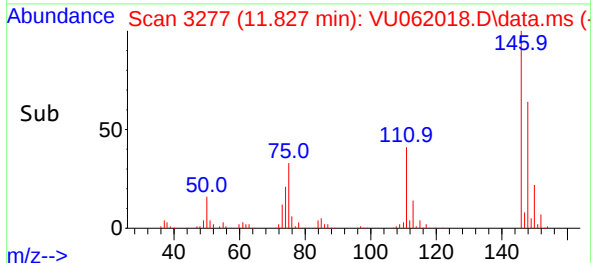
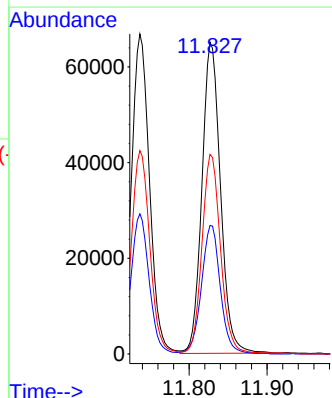
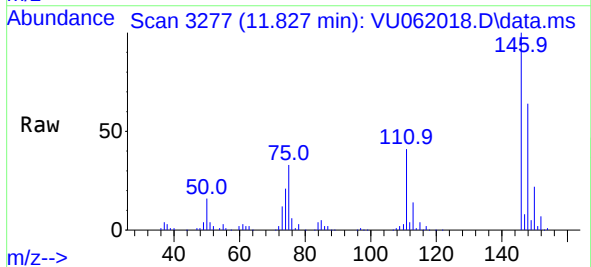
Tgt Ion:146 Resp: 107741

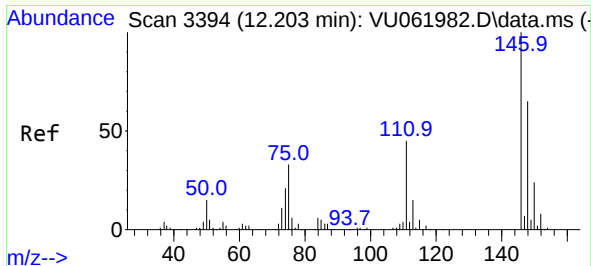
Ion Ratio Lower Upper

146 100

111 41.2 29.3 54.3

148 64.0 44.6 82.8





#67

1,2-Dichlorobenzene

Concen: 5.073 ug/L

RT: 12.203 min Scan# 31

Delta R.T. -0.000 min

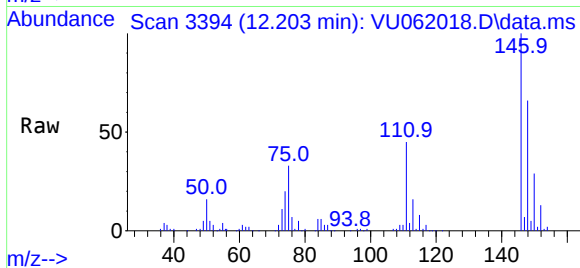
Lab File: VU062018.D

Acq: 25 Nov 2024 12:48

Instrument :

MSVOA_U

ClientSampleId :



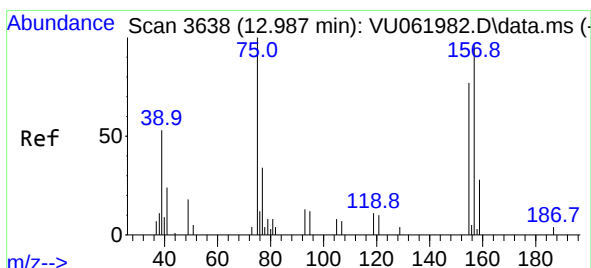
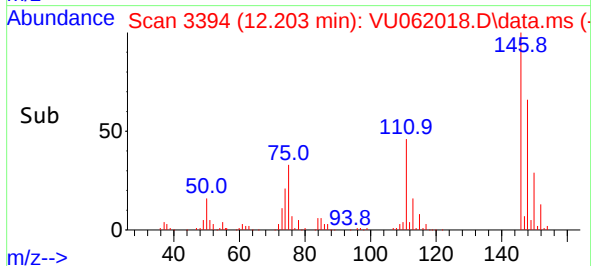
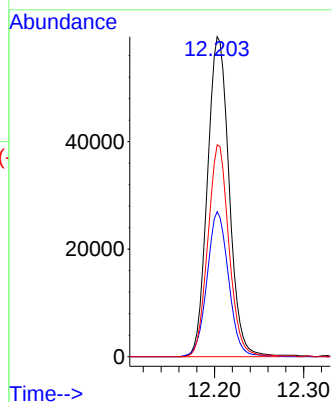
Tgt Ion:146 Resp: 100535

Ion Ratio Lower Upper

146 100

111 45.3 36.0 54.0

148 66.2 52.3 78.5



#68

1,2-Dibromo-3-chloropropane

Concen: 5.461 ug/L

RT: 12.987 min Scan# 3638

Delta R.T. -0.000 min

Lab File: VU062018.D

Acq: 25 Nov 2024 12:48

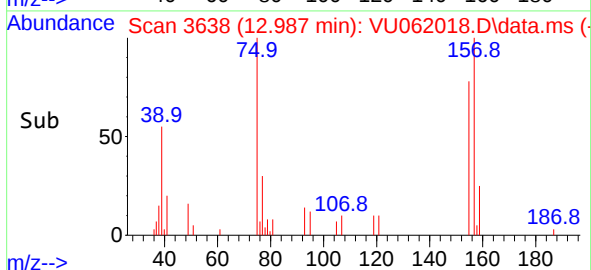
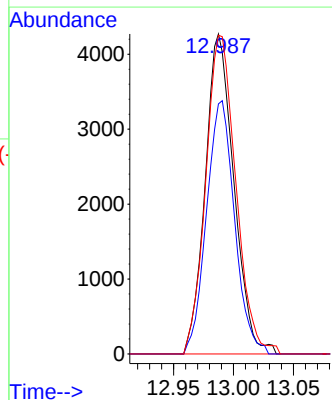
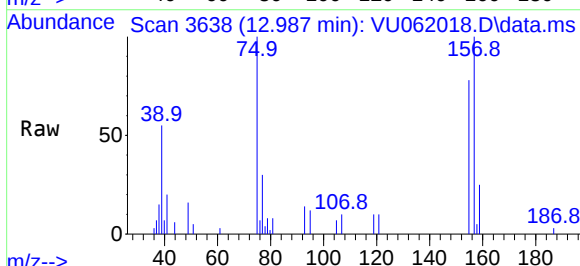
Tgt Ion: 75 Resp: 7092

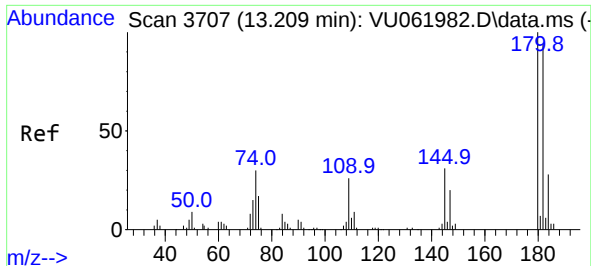
Ion Ratio Lower Upper

75 100

155 78.2 55.2 82.8

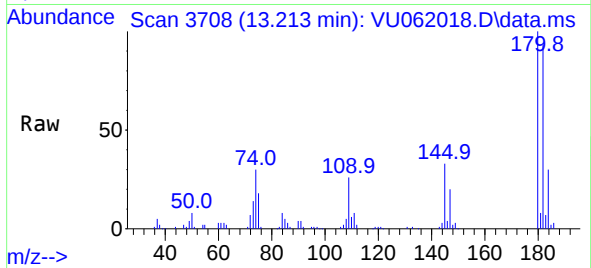
157 99.6 73.5 110.3



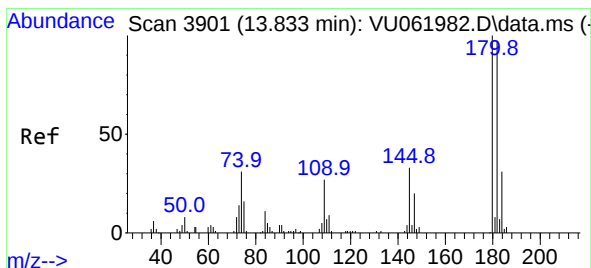
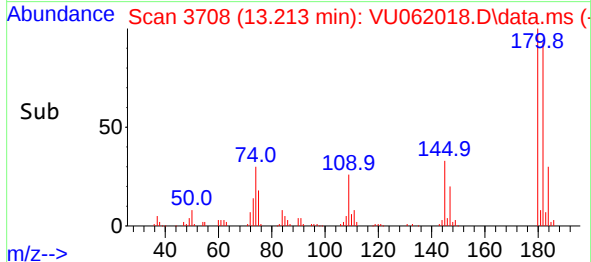
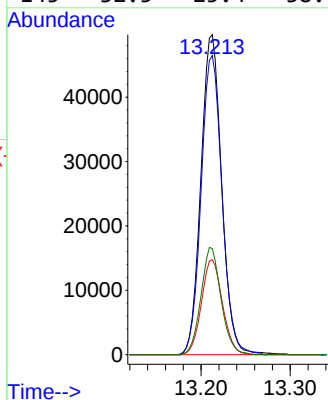


#69
1,3,5-Trichlorobenzene
Concen: 5.924 ug/L
RT: 13.213 min Scan# 31
Delta R.T. -0.000 min
Lab File: VU062018.D
Acq: 25 Nov 2024 12:48

Instrument :
MSVOA_U
ClientSampleId :

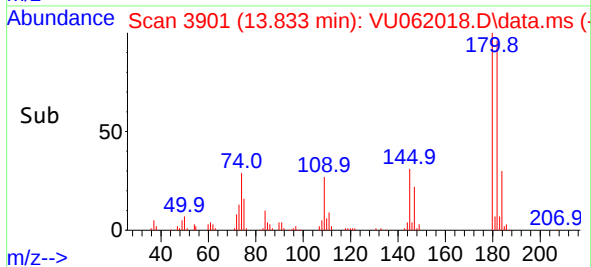
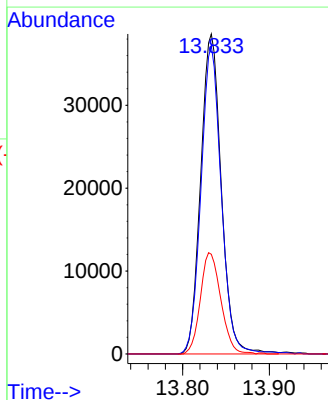
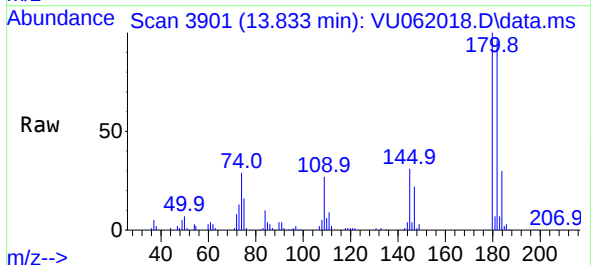


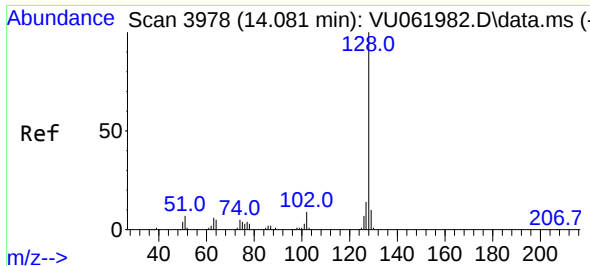
Tgt Ion:180 Resp: 80319
Ion Ratio Lower Upper
180 100
182 94.4 76.7 115.1
184 30.0 24.8 37.2
145 32.5 25.4 38.0



#70
1,2,4-trichlorobenzene
Concen: 6.129 ug/L
RT: 13.833 min Scan# 3901
Delta R.T. -0.000 min
Lab File: VU062018.D
Acq: 25 Nov 2024 12:48

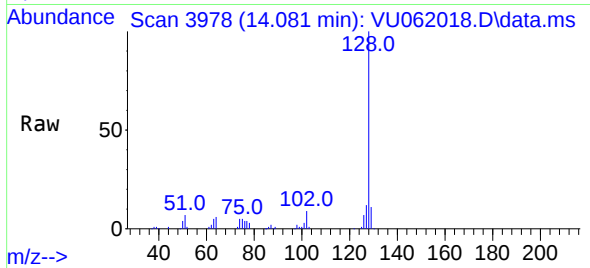
Tgt Ion:180 Resp: 63683
Ion Ratio Lower Upper
180 100
182 95.0 74.5 111.7
145 31.5 25.6 38.4



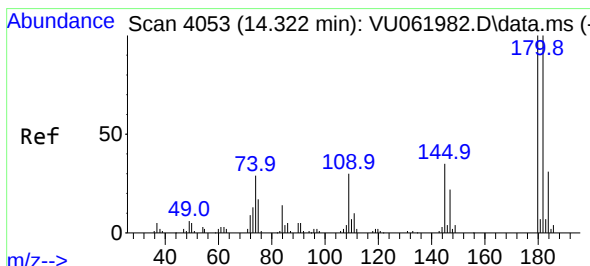
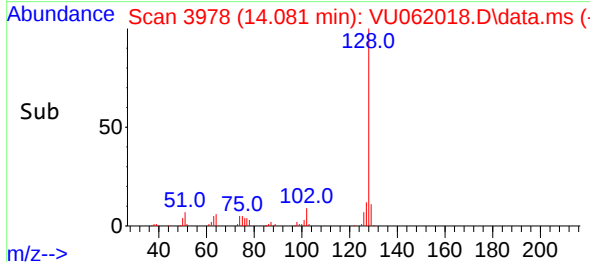
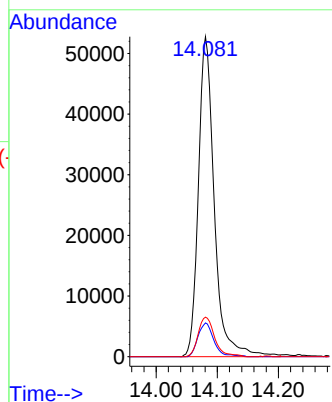


#71
Naphthalene
Concen: 5.694 ug/L
RT: 14.081 min Scan# 3978
Delta R.T. -0.000 min
Lab File: VU062018.D
Acq: 25 Nov 2024 12:48

Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion:128 Resp: 95362
Ion Ratio Lower Upper
128 100
129 10.6 8.5 12.7
127 12.9 10.2 15.4



#72
1,2,3-Trichlorobenzene
Concen: 6.090 ug/L
RT: 14.322 min Scan# 4053
Delta R.T. -0.000 min
Lab File: VU062018.D
Acq: 25 Nov 2024 12:48

Tgt Ion:180 Resp: 54506
Ion Ratio Lower Upper
180 100
182 93.0 76.1 114.1
145 34.2 27.4 41.0

