

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU112524\
 Data File : VU062031.D
 Acq On : 25 Nov 2024 18:37
 Operator : MD/SY
 Sample : P4996-03MSD
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Nov 26 03:48:57 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	6.238	114	131819	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.409	117	125290	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	63820	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	29534	4.568	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	91.400%
7) Chloroethane-d5	1.907	69	22543	3.941	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	78.800%
11) 1,1-Dichloroethene-d2	2.560	65	13379	5.179	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	103.600%
20) 2-Butanone-d5	4.618	46	65471	32.245	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	64.480%
24) Chloroform-d	5.052	84	67992	4.310	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	86.200%
26) 1,2-Dichloroethane-d4	5.692	65	32234	3.971	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	79.400%
32) Benzene-d6	5.717	84	121995	4.998	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	100.000%
36) 1,2-Dichloropropane-d6	6.682	67	36195	4.364	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	87.200%
41) Toluene-d8	7.888	98	115399	5.668	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	113.400%
43) trans-1,3-Dichloroprop...	8.174	79	15291	4.980	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	99.600%
46) 2-Hexanone-d5	8.624	63	46923	33.479	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	66.960%
56) 1,1,2,2-Tetrachloroeth...	10.746	84	29642	3.576	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	71.600%
66) 1,2-Dichlorobenzene-d4	12.183	152	41177	4.363	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	87.200%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.383	85	61015	5.290	ug/L	99
3) Chloromethane	1.515	50	49563	4.169	ug/L	99
5) Vinyl chloride	1.599	62	52043	4.261	ug/L	97
6) Bromomethane	1.849	94	32285	4.441	ug/L	98
8) Chloroethane	1.927	64	31184	3.960	ug/L	98
9) Trichlorofluoromethane	2.132	101	82827	5.361	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.573	101	46229	4.863	ug/L	91
12) 1,1-Dichloroethene	2.573	96	42753	4.836	ug/L	91
13) Acetone	2.621	43	60157	42.911	ug/L	93
14) Carbon disulfide	2.785	76	127197	4.523	ug/L	98
15) Methyl Acetate	2.946	43	15446	4.291	ug/L	97
16) Methylene chloride	3.036	84	46424	4.374	ug/L	92
17) Methyl tert-butyl Ether	3.354	73	110460	4.875	ug/L	98
18) trans-1,2-Dichloroethene	3.345	96	43555	4.661	ug/L	99
19) 1,1-Dichloroethane	3.859	63	83435	4.583	ug/L	98
21) 2-Butanone	4.692	43	96911	42.773	ug/L	96
22) cis-1,2-Dichloroethene	4.656	96	51118	4.860	ug/L	97
23) Bromochloromethane	4.962	128	23149	5.064	ug/L	# 86
25) Chloroform	5.074	83	91309	4.798	ug/L	99

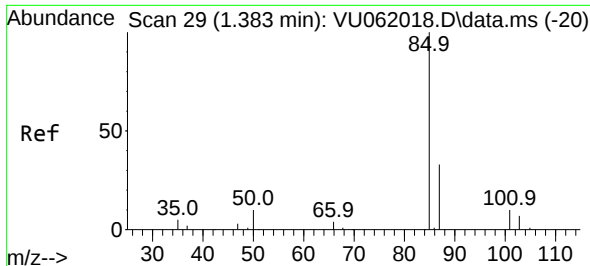
Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU112524\
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 Quant Title : TRACE VOA SFAM1.0
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.785	62	55870	4.564	ug/L	98
29) 1,1,1-Trichloroethane	5.306	97	83176	5.760	ug/L	95
30) Cyclohexane	5.377	56	72970	4.831	ug/L	96
31) Carbon tetrachloride	5.515	117	74811	6.101	ug/L	98
33) Benzene	5.766	78	192262	5.081	ug/L	100
34) Trichloroethene	6.534	95	61127	6.053	ug/L	97
35) Methylcyclohexane	6.753	83	79532	5.148	ug/L	98
37) 1,2-Dichloropropane	6.782	63	48759	4.960	ug/L	99
38) Bromodichloromethane	7.097	83	63591	5.334	ug/L	97
39) cis-1,3-Dichloropropene	7.598	75	72584	5.266	ug/L	97
40) 4-Methyl-2-pentanone	7.779	43	245815	46.345	ug/L	93
42) Toluene	7.959	91	208466	5.250	ug/L	98
44) trans-1,3-Dichloropropene	8.203	75	60165	5.496	ug/L	96
45) 1,1,2-Trichloroethane	8.389	97	37363	5.159	ug/L	97
47) Tetrachloroethene	8.544	164	40836	5.560	ug/L	96
48) 2-Hexanone	8.676	43	176625	44.465	ug/L #	96
49) Dibromochloromethane	8.801	129	43270	5.656	ug/L	94
50) 1,2-Dibromoethane	8.914	107	35549	4.946	ug/L	97
51) Chlorobenzene	9.438	112	132198	4.861	ug/L	96
52) Ethylbenzene	9.563	91	230385	4.848	ug/L	99
53) m,p-Xylene	9.685	106	86391	5.152	ug/L	98
54) o-Xylene	10.090	106	83535	4.936	ug/L	97
55) Styrene	10.106	104	113373	4.066	ug/L	95
57) 1,1,2,2-Tetrachloroethane	10.772	83	43644	4.703	ug/L	98
59) Bromoform	10.283	173	25283	5.329	ug/L	99
60) Isopropylbenzene	10.476	105	231402	4.650	ug/L	99
61) 1,2,3-Trichloropropane	10.814	75	30446	4.126	ug/L	96
62) 1,3,5-Trimethylbenzene	11.081	105	190300	4.794	ug/L	100
63) 1,2,4-Trimethylbenzene	11.460	105	187964	4.749	ug/L	100
64) 1,3-Dichlorobenzene	11.737	146	103687	4.694	ug/L	99
65) 1,4-Dichlorobenzene	11.827	146	102112	4.776	ug/L	99
67) 1,2-Dichlorobenzene	12.203	146	96887	5.043	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.987	75	6657	5.287	ug/L	92
69) 1,3,5-Trichlorobenzene	13.209	180	74497	5.667	ug/L	98
70) 1,2,4-trichlorobenzene	13.833	180	60539	6.009	ug/L	97
71) Naphthalene	14.081	128	88327	5.440	ug/L	99
72) 1,2,3-Trichlorobenzene	14.322	180	53434	6.158	ug/L	100

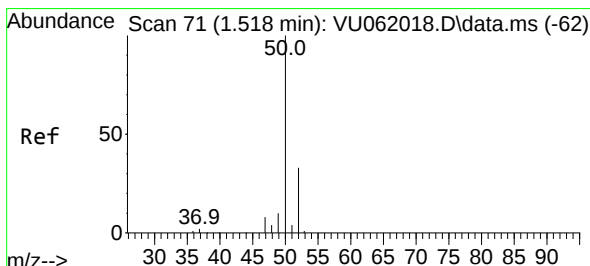
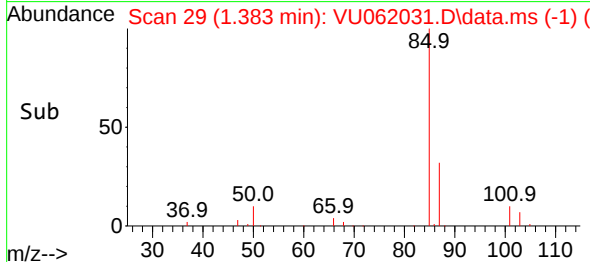
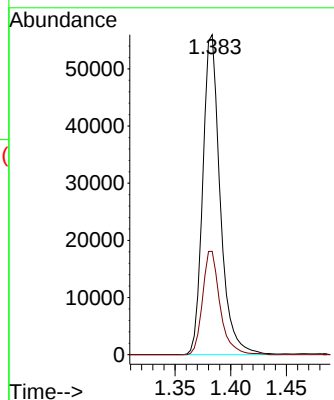
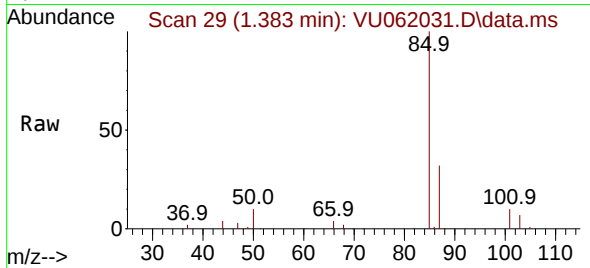
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#2
Dichlorodifluoromethane
Concen: 5.290 ug/L
RT: 1.383 min Scan# 29
Delta R.T. -0.000 min
Lab File: VU062031.D
Acq: 25 Nov 2024 18:37

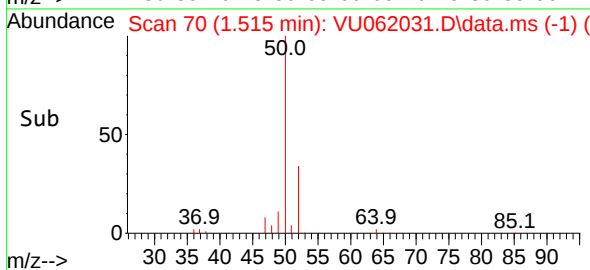
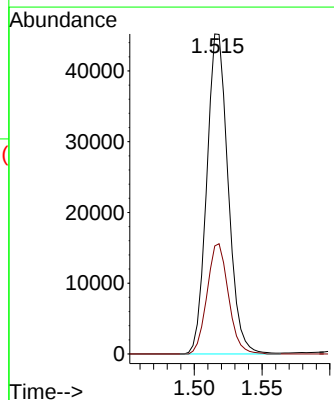
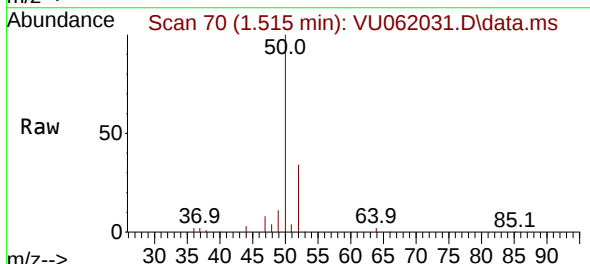
Instrument :
MSVOA_U
ClientSampleId :

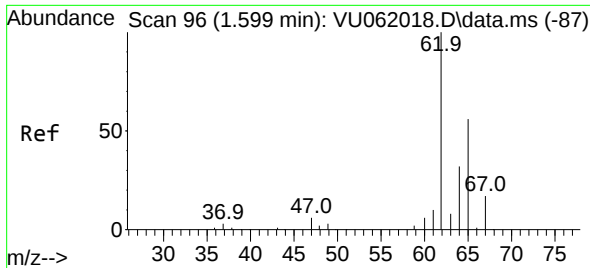
Tgt Ion	Ratio	Lower	Upper
85	100		
87	32.5	26.6	40.0



#3
Chloromethane
Concen: 4.169 ug/L
RT: 1.515 min Scan# 70
Delta R.T. -0.000 min
Lab File: VU062031.D
Acq: 25 Nov 2024 18:37

Tgt Ion	Ratio	Lower	Upper
50	100		
52	33.7	23.1	42.9

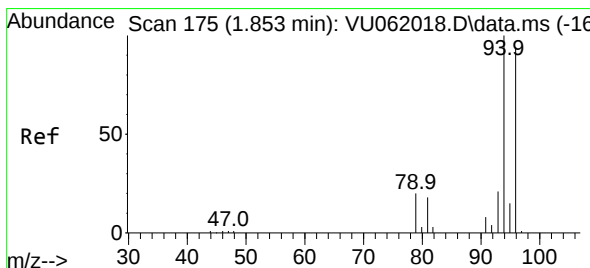
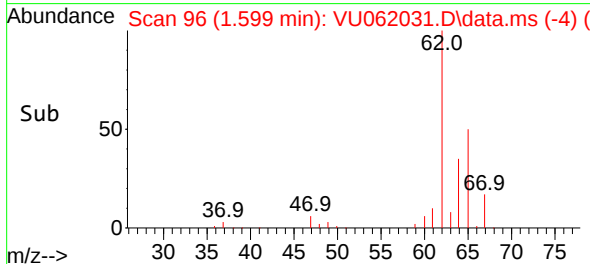
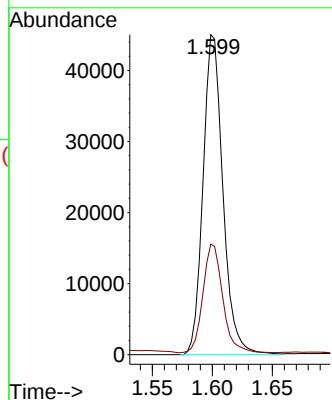
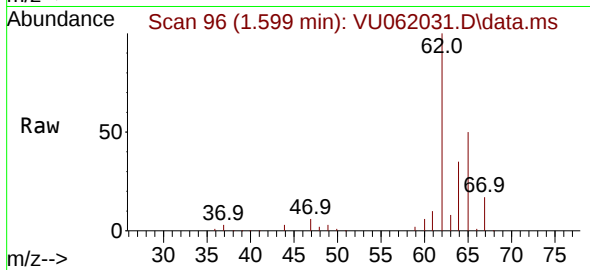




#5
 Vinyl chloride
 Concen: 4.261 ug/L
 RT: 1.599 min Scan# 90
 Delta R.T. -0.003 min
 Lab File: VU062031.D
 Acq: 25 Nov 2024 18:37

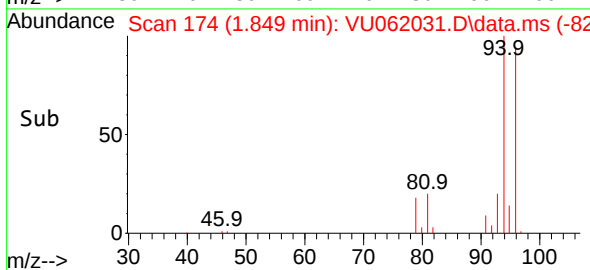
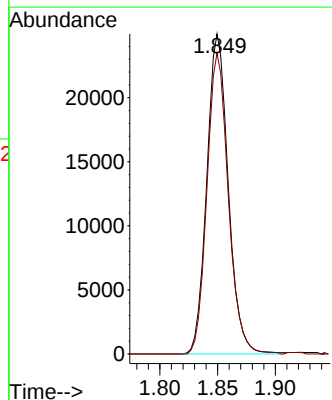
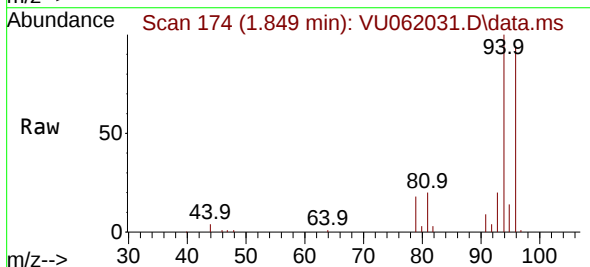
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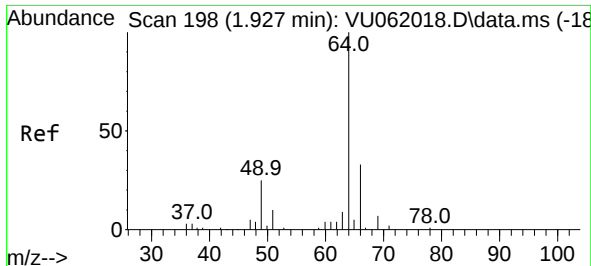
Tgt Ion: 62 Resp: 52043
 Ion Ratio Lower Upper
 62 100
 64 34.6 23.1 42.9



#6
 Bromomethane
 Concen: 4.441 ug/L
 RT: 1.849 min Scan# 174
 Delta R.T. -0.003 min
 Lab File: VU062031.D
 Acq: 25 Nov 2024 18:37

Tgt Ion: 94 Resp: 32285
 Ion Ratio Lower Upper
 94 100
 96 94.1 64.5 119.9

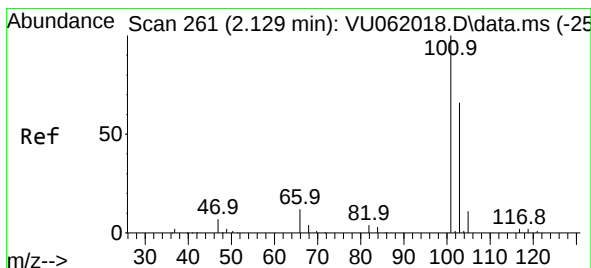
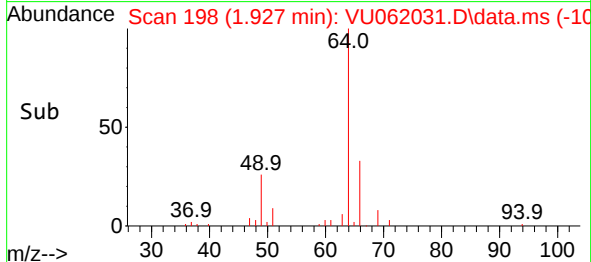
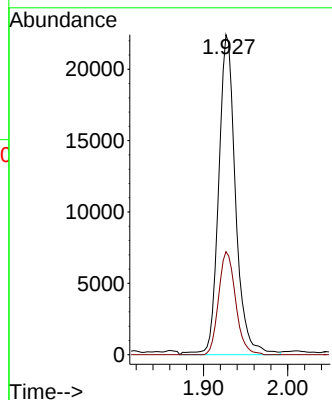
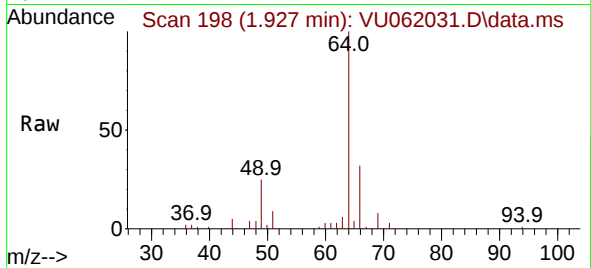




#8
Chloroethane
Concen: 3.960 ug/L
RT: 1.927 min Scan# 198
Delta R.T. -0.000 min
Lab File: VU062031.D
Acq: 25 Nov 2024 18:37

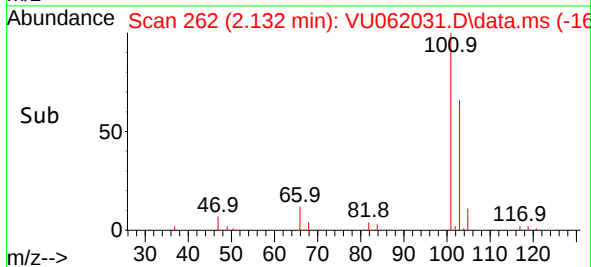
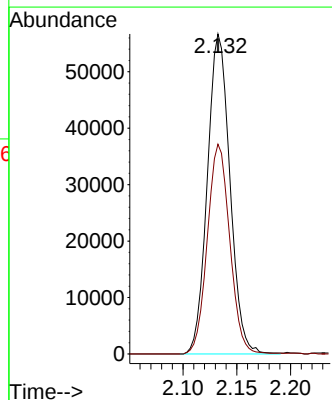
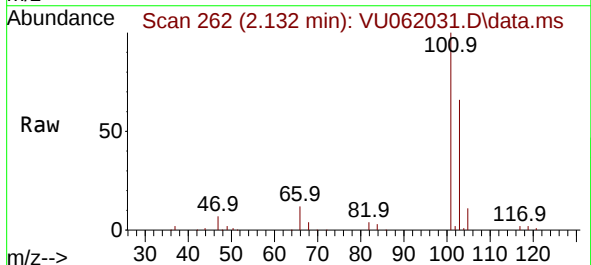
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ClientSampleId :

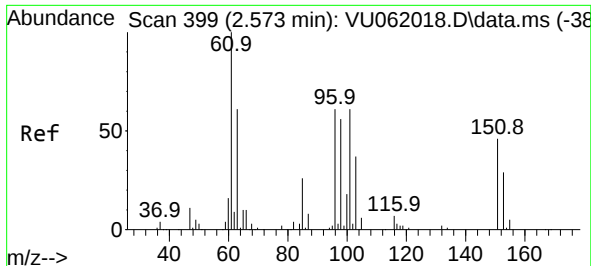
Tgt Ion: 64 Resp: 31184
Ion Ratio Lower Upper
64 100
66 32.2 23.2 43.2



#9
Trichlorofluoromethane
Concen: 5.361 ug/L
RT: 2.132 min Scan# 262
Delta R.T. -0.000 min
Lab File: VU062031.D
Acq: 25 Nov 2024 18:37

Tgt Ion:101 Resp: 82827
Ion Ratio Lower Upper
101 100
103 65.0 50.6 75.8

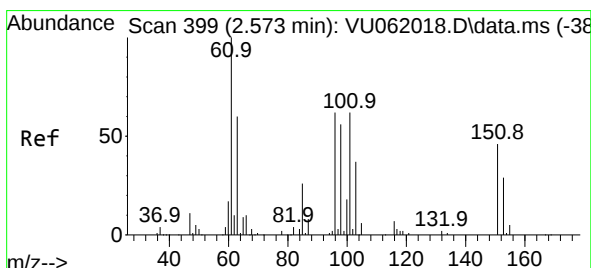
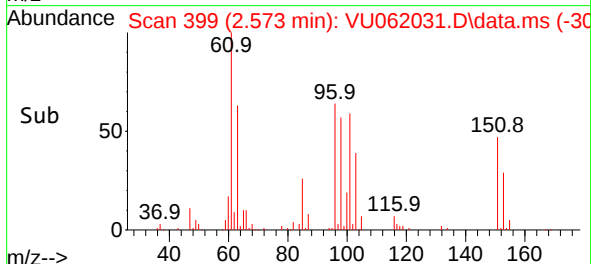
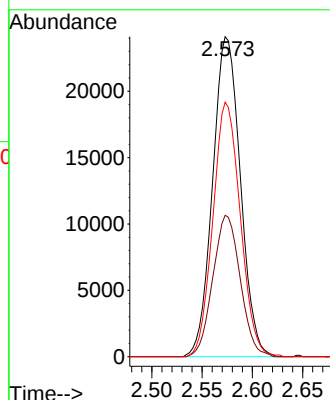
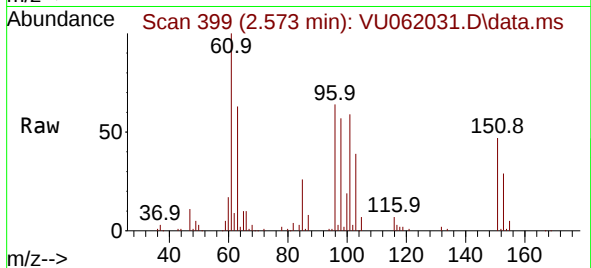




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 4.863 ug/L
RT: 2.573 min Scan# 399
Delta R.T. -0.003 min
Lab File: VU062031.D
Acq: 25 Nov 2024 18:37

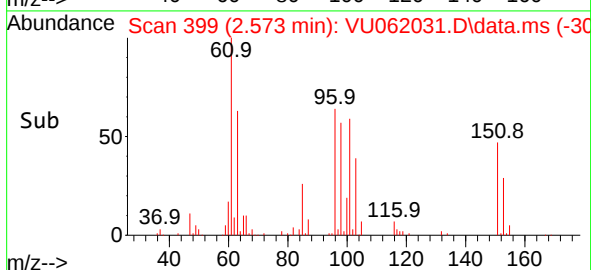
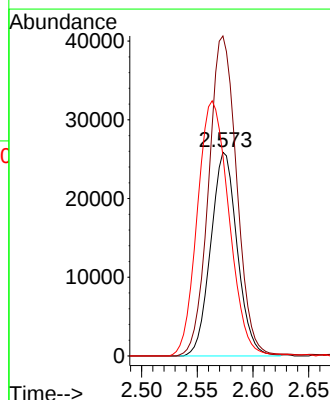
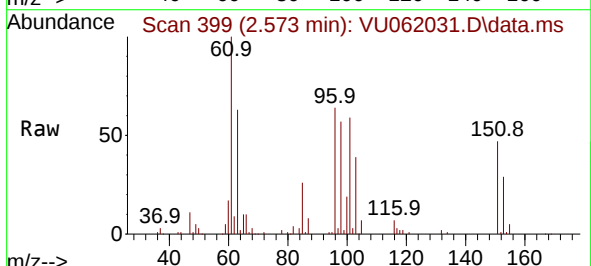
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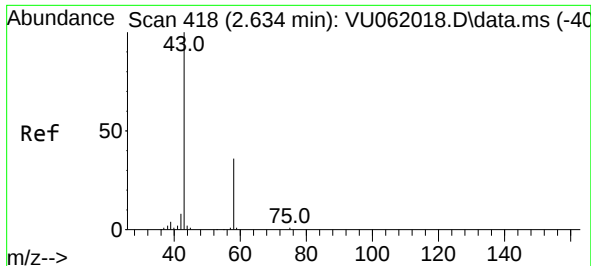
Tgt Ion:101 Resp: 46229
Ion Ratio Lower Upper
101 100
85 43.6 38.0 57.0
151 78.5 55.3 82.9



#12
1,1-Dichloroethene
Concen: 4.836 ug/L
RT: 2.573 min Scan# 399
Delta R.T. -0.000 min
Lab File: VU062031.D
Acq: 25 Nov 2024 18:37

Tgt Ion: 96 Resp: 42753
Ion Ratio Lower Upper
96 100
61 157.1 119.6 222.2
63 98.4 65.0 120.6





#13

Acetone

Concen: 42.911 ug/L

RT: 2.621 min Scan# 41

Delta R.T. -0.007 min

Lab File: VU062031.D

Acq: 25 Nov 2024 18:37

Instrument :

MSVOA_U

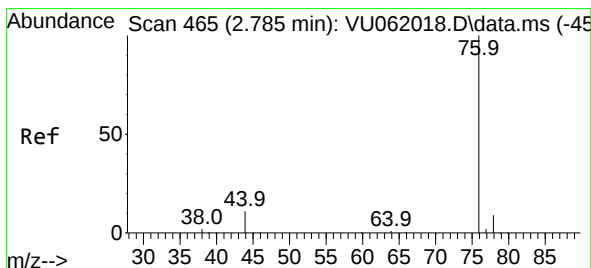
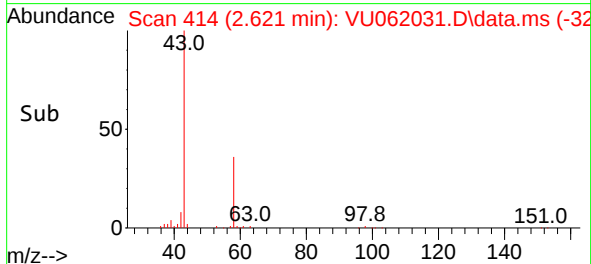
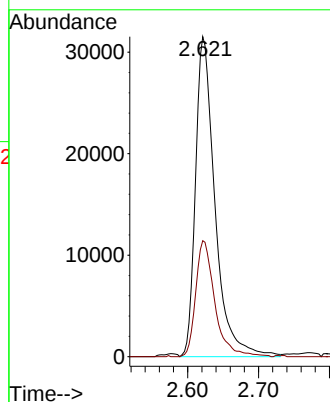
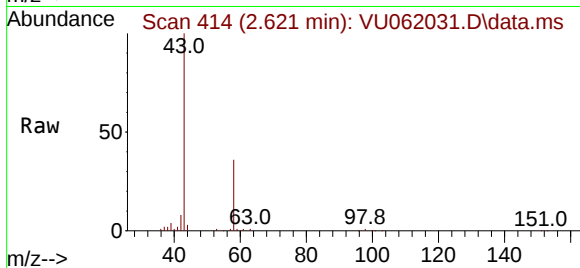
ClientSampleId :

Tgt Ion: 43 Resp: 60157

Ion Ratio Lower Upper

43 100

58 35.7 0.0 64.0



#14

Carbon disulfide

Concen: 4.523 ug/L

RT: 2.785 min Scan# 465

Delta R.T. -0.003 min

Lab File: VU062031.D

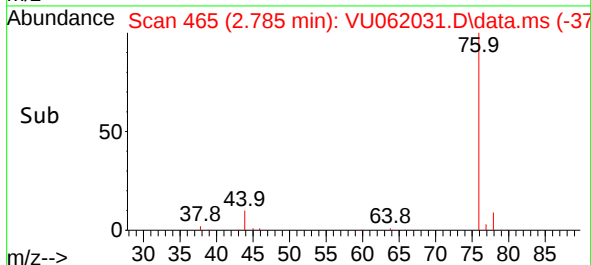
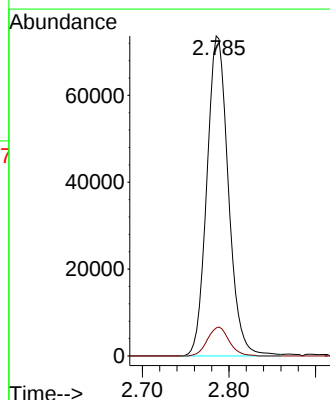
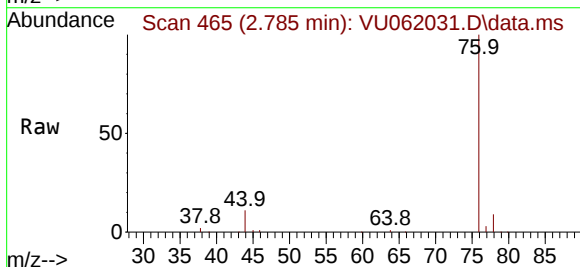
Acq: 25 Nov 2024 18:37

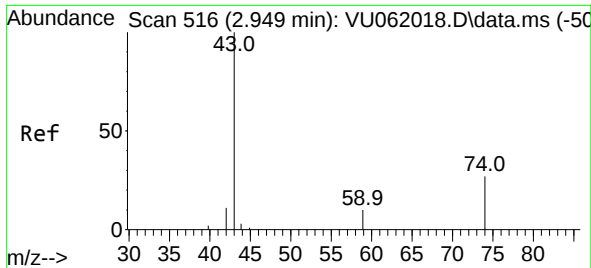
Tgt Ion: 76 Resp: 127197

Ion Ratio Lower Upper

76 100

78 8.8 7.5 11.3

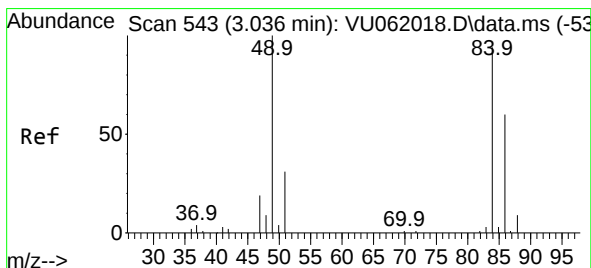
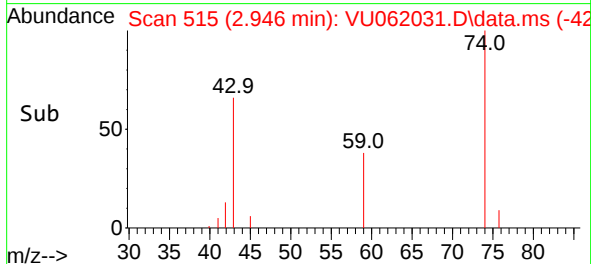
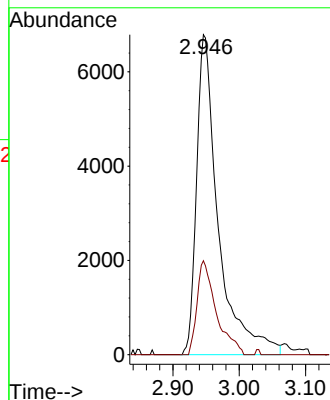
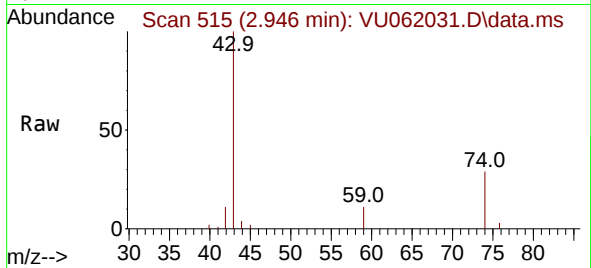




#15
Methyl Acetate
Concen: 4.291 ug/L
RT: 2.946 min Scan# 516
Delta R.T. -0.003 min
Lab File: VU062031.D
Acq: 25 Nov 2024 18:37

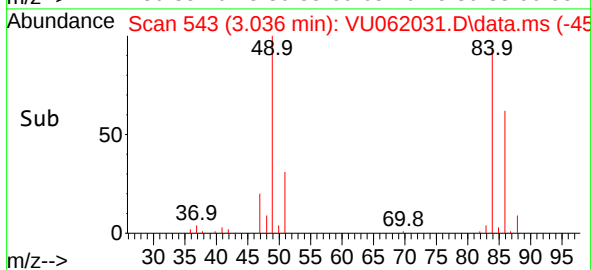
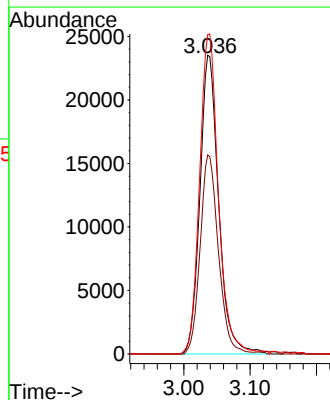
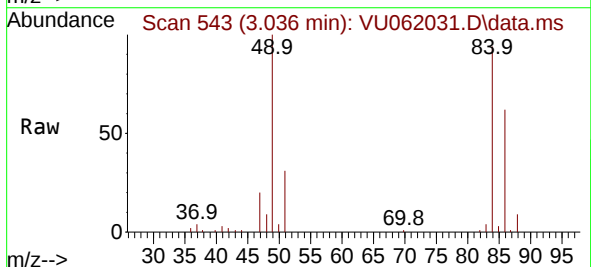
Instrument :
MSVOA_U
ClientSampleId :

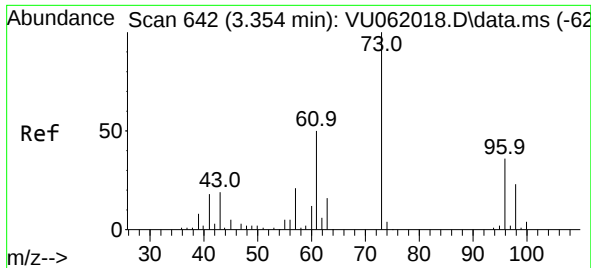
Tgt Ion: 43 Resp: 15446
Ion Ratio Lower Upper
43 100
74 25.9 19.4 29.2



#16
Methylene chloride
Concen: 4.374 ug/L
RT: 3.036 min Scan# 543
Delta R.T. -0.000 min
Lab File: VU062031.D
Acq: 25 Nov 2024 18:37

Tgt Ion: 84 Resp: 46424
Ion Ratio Lower Upper
84 100
86 66.6 43.5 80.7
49 106.9 81.9 152.1

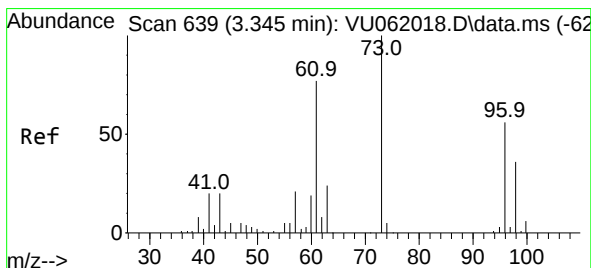
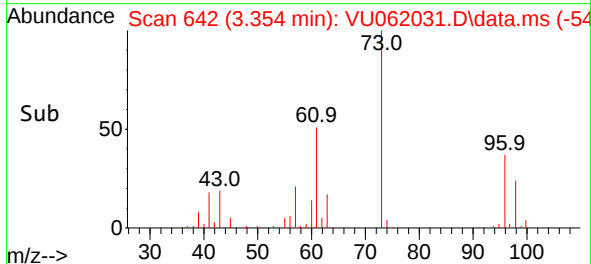
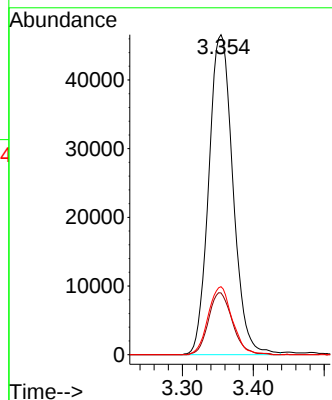
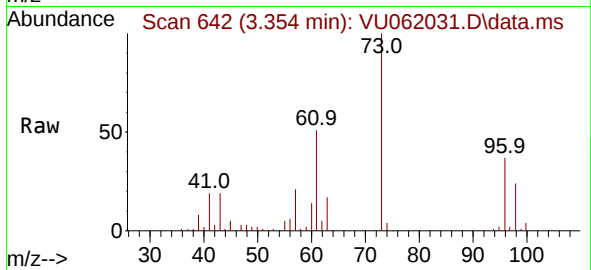




#17
Methyl tert-butyl Ether
Concen: 4.875 ug/L
RT: 3.354 min Scan# 642
Delta R.T. -0.000 min
Lab File: VU062031.D
Acq: 25 Nov 2024 18:37

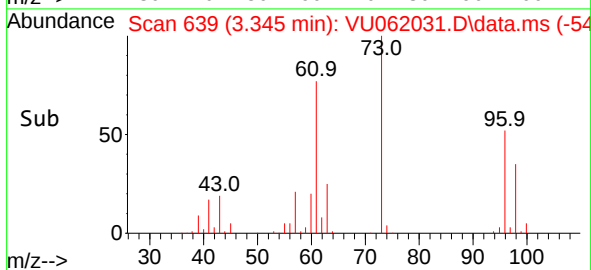
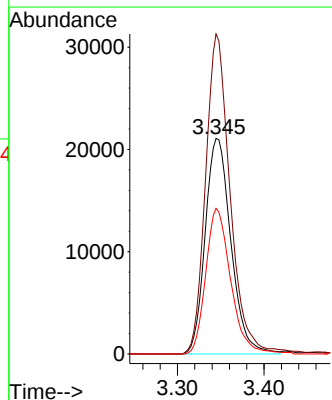
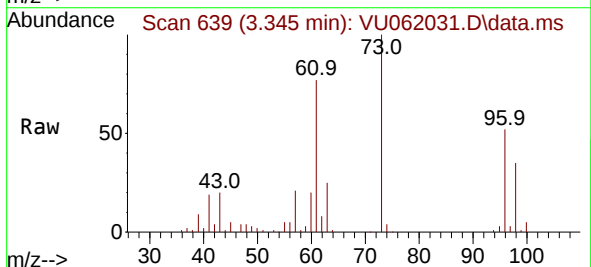
Instrument :
MSVOA_U
ClientSampleId :

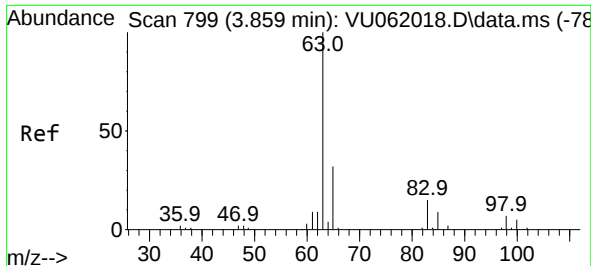
Tgt Ion: 73 Resp: 110460
Ion Ratio Lower Upper
73 100
43 19.0 16.3 24.5
57 21.1 17.1 25.7



#18
trans-1,2-Dichloroethene
Concen: 4.661 ug/L
RT: 3.345 min Scan# 639
Delta R.T. -0.003 min
Lab File: VU062031.D
Acq: 25 Nov 2024 18:37

Tgt Ion: 96 Resp: 43555
Ion Ratio Lower Upper
96 100
61 148.5 104.2 193.4
98 67.6 45.7 84.9





#19

1,1-Dichloroethane

Concen: 4.583 ug/L

RT: 3.859 min Scan# 799

Delta R.T. -0.000 min

Lab File: VU062031.D

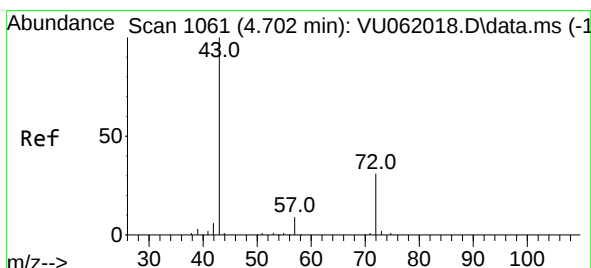
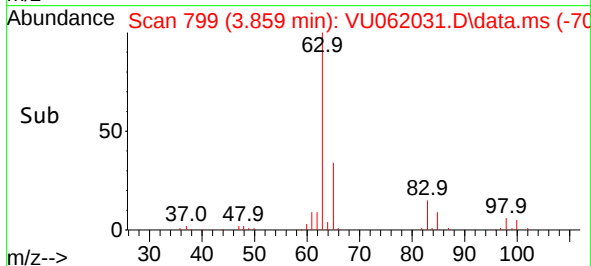
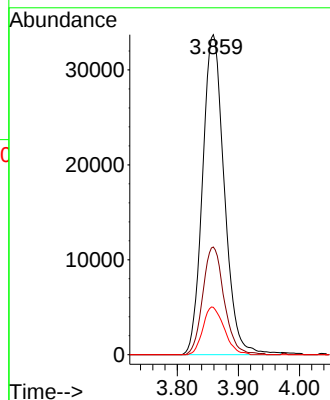
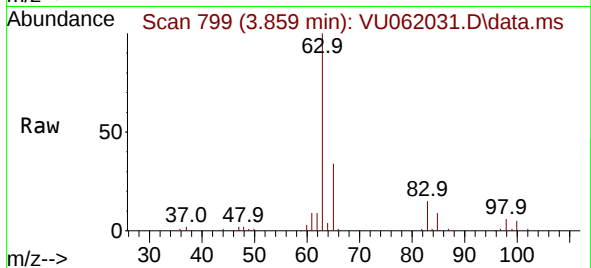
Acq: 25 Nov 2024 18:37

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion:	63	Resp:	83435
Ion	Ratio	Lower	Upper
63	100		
65	33.7	22.7	42.3
83	14.8	9.9	18.3



#21

2-Butanone

Concen: 42.773 ug/L

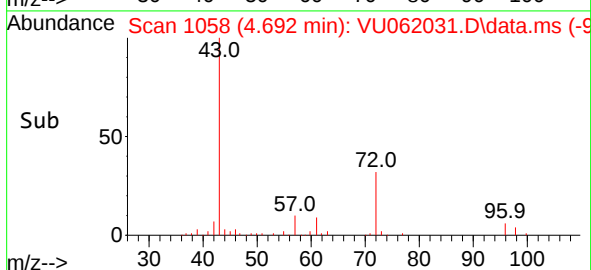
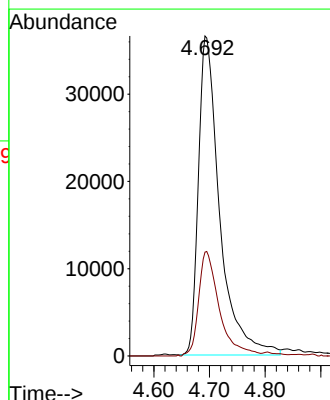
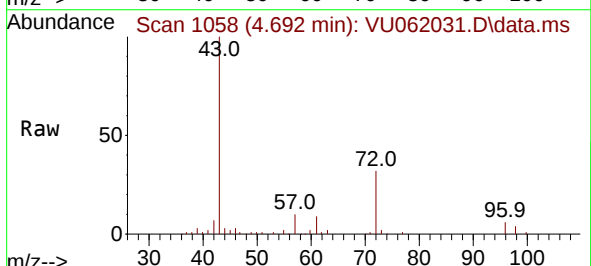
RT: 4.692 min Scan# 1058

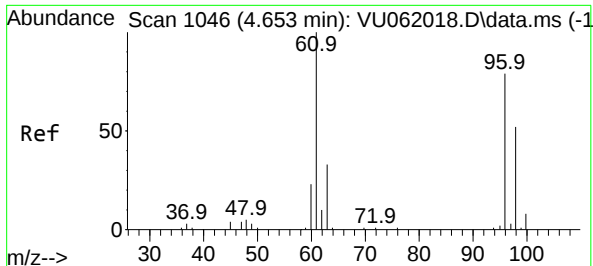
Delta R.T. -0.007 min

Lab File: VU062031.D

Acq: 25 Nov 2024 18:37

Tgt Ion:	43	Resp:	96911
Ion	Ratio	Lower	Upper
43	100		
72	31.8	14.8	44.4

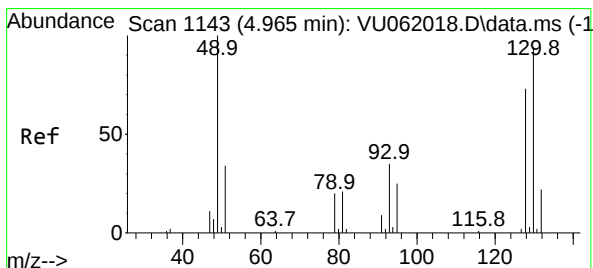
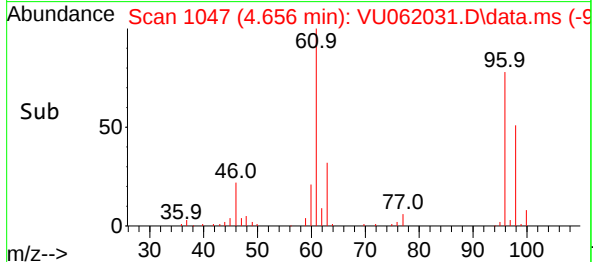
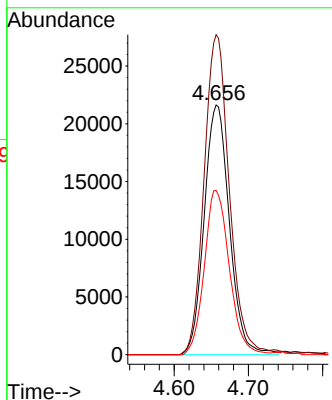
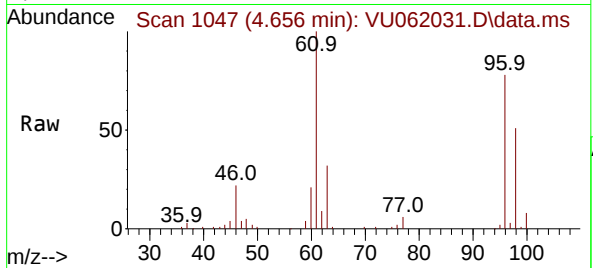




#22
 cis-1,2-Dichloroethene
 Concen: 4.860 ug/L
 RT: 4.656 min Scan# 1047
 Delta R.T. -0.000 min
 Lab File: VU062031.D
 Acq: 25 Nov 2024 18:37

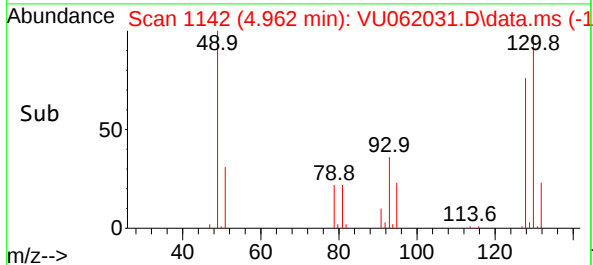
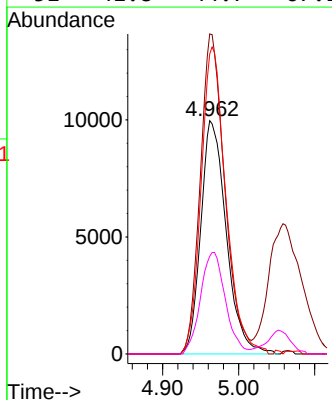
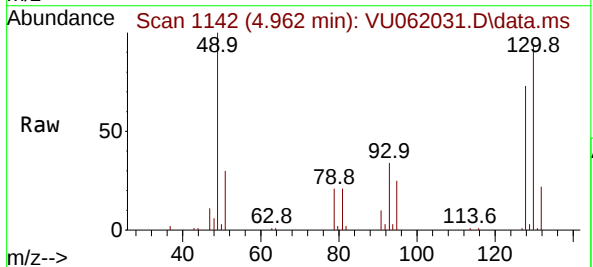
Instrument :
 MSVOA_U
 ClientSampleId :

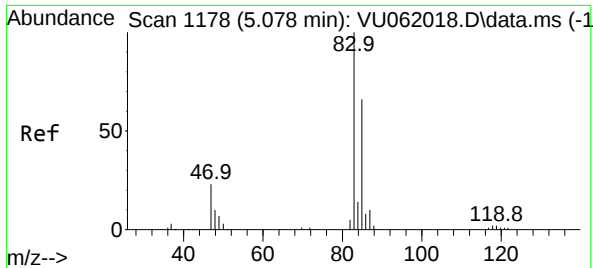
Tgt Ion: 96 Resp: 51118
 Ion Ratio Lower Upper
 96 100
 61 128.1 92.0 170.8
 98 65.8 44.5 82.7



#23
 Bromochloromethane
 Concen: 5.064 ug/L
 RT: 4.962 min Scan# 1142
 Delta R.T. -0.003 min
 Lab File: VU062031.D
 Acq: 25 Nov 2024 18:37

Tgt Ion: 128 Resp: 23149
 Ion Ratio Lower Upper
 128 100
 49 137.2 115.3 214.1
 130 128.7 92.0 170.8
 51 41.8 44.7 67.1#





#25

Chloroform

Concen: 4.798 ug/L

RT: 5.074 min Scan# 1178

Delta R.T. -0.003 min

Lab File: VU062031.D

Acq: 25 Nov 2024 18:37

Instrument :

MSVOA_U

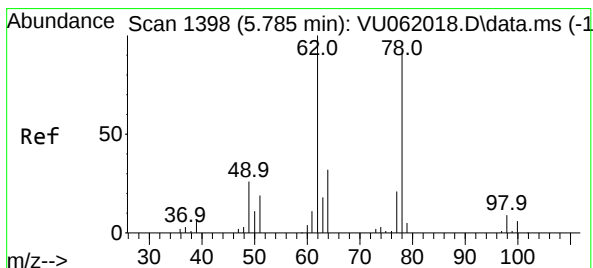
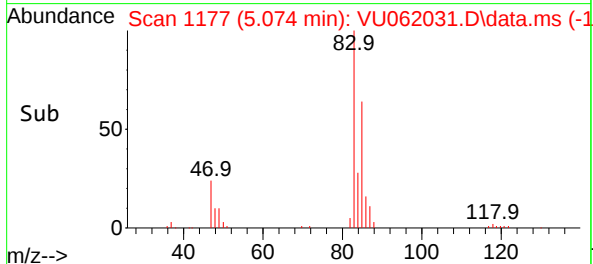
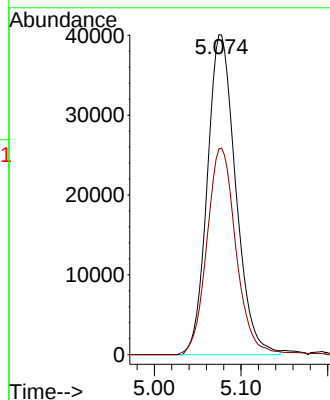
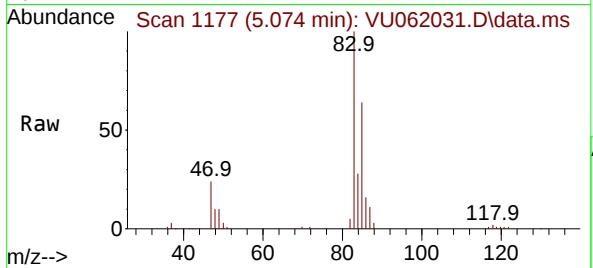
ClientSampleId :

Tgt Ion: 83 Resp: 91309

Ion Ratio Lower Upper

83 100

85 64.3 45.4 84.2



#27

1,2-Dichloroethane

Concen: 4.564 ug/L

RT: 5.785 min Scan# 1398

Delta R.T. -0.000 min

Lab File: VU062031.D

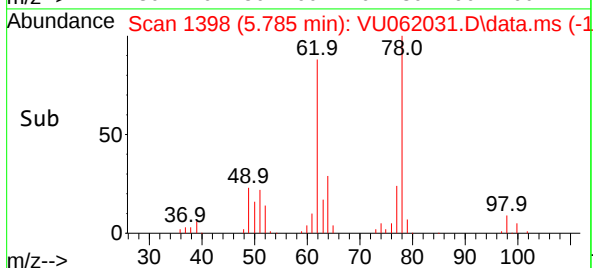
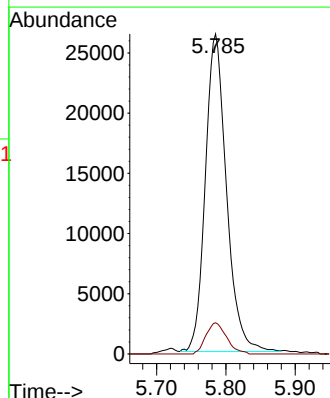
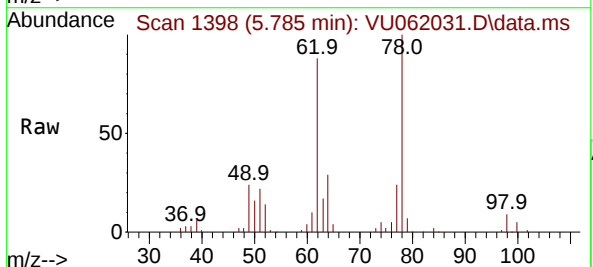
Acq: 25 Nov 2024 18:37

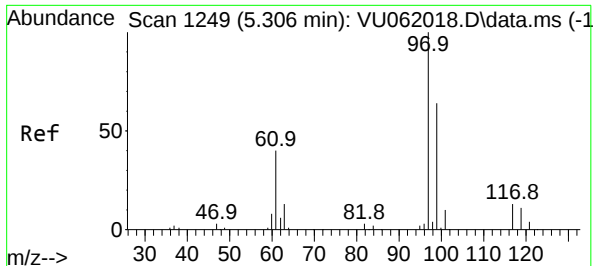
Tgt Ion: 62 Resp: 55870

Ion Ratio Lower Upper

62 100

98 9.8 7.4 11.0

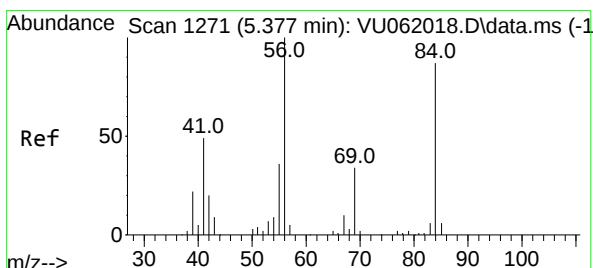
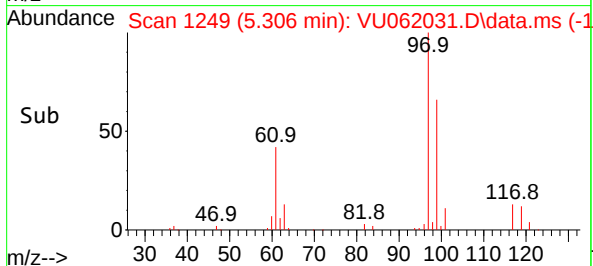
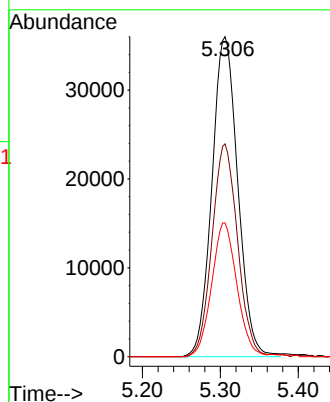
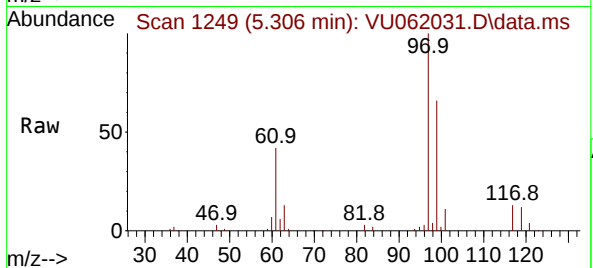




#29
1,1,1-Trichloroethane
Concen: 5.760 ug/L
RT: 5.306 min Scan# 1249
Delta R.T. -0.000 min
Lab File: VU062031.D
Acq: 25 Nov 2024 18:37

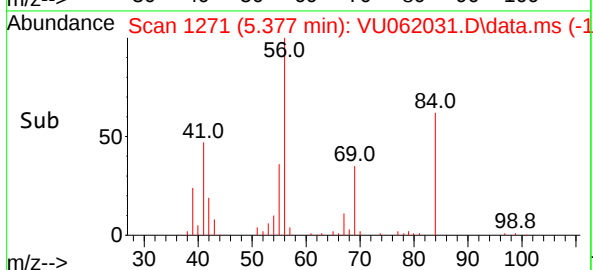
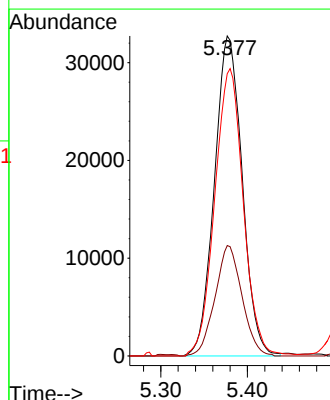
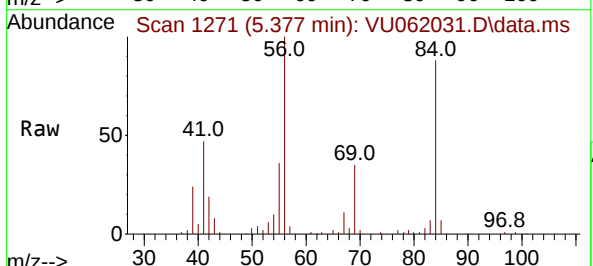
Instrument :
MSVOA_U
ClientSampleId :

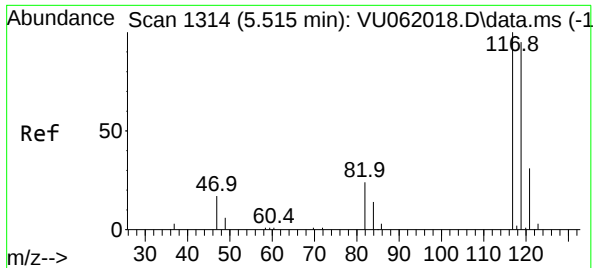
Tgt Ion: 97 Resp: 83176
Ion Ratio Lower Upper
97 100
99 65.7 51.4 77.2
61 40.8 37.8 56.6



#30
Cyclohexane
Concen: 4.831 ug/L
RT: 5.377 min Scan# 1271
Delta R.T. -0.000 min
Lab File: VU062031.D
Acq: 25 Nov 2024 18:37

Tgt Ion: 56 Resp: 72970
Ion Ratio Lower Upper
56 100
69 33.5 25.1 37.7
84 92.2 70.6 105.8

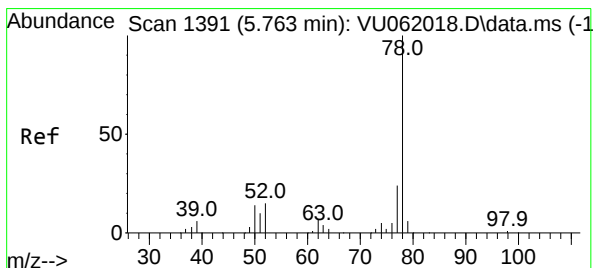
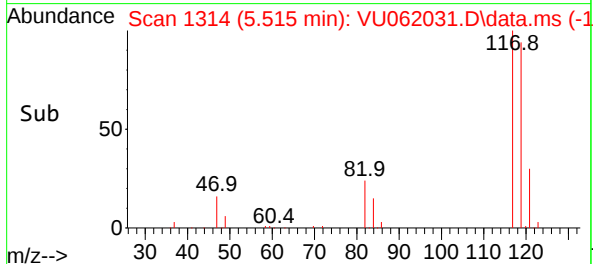
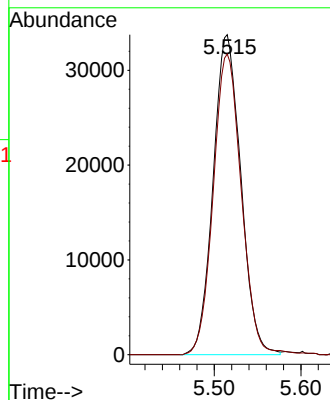
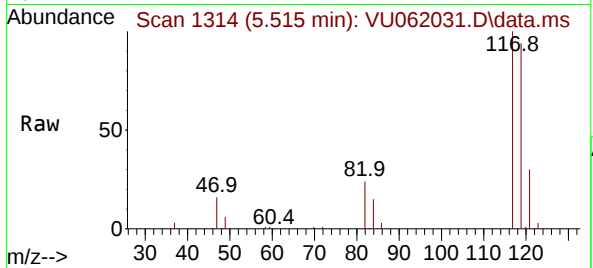




#31
Carbon tetrachloride
Concen: 6.101 ug/L
RT: 5.515 min Scan# 1314
Delta R.T. -0.000 min
Lab File: VU062031.D
Acq: 25 Nov 2024 18:37

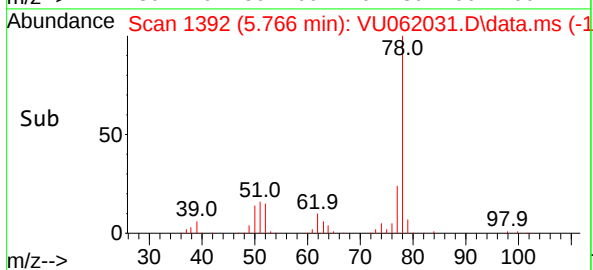
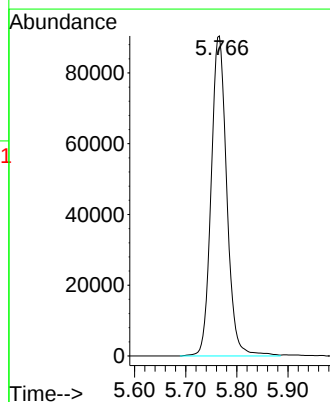
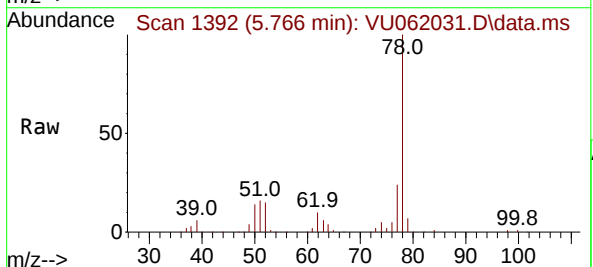
Instrument :
MSVOA_U
ClientSampleId :

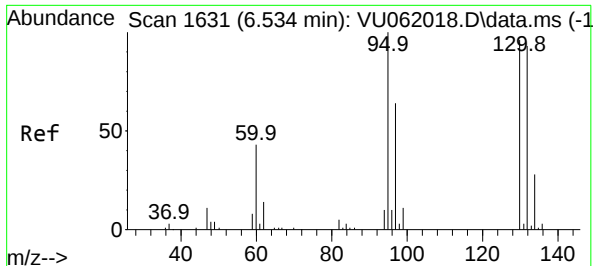
Tgt Ion:117 Resp: 74811
Ion Ratio Lower Upper
117 100
119 95.4 77.5 116.3



#33
Benzene
Concen: 5.081 ug/L
RT: 5.766 min Scan# 1392
Delta R.T. -0.000 min
Lab File: VU062031.D
Acq: 25 Nov 2024 18:37

Tgt Ion: 78 Resp: 192262





#34

Trichloroethene

Concen: 6.053 ug/L

RT: 6.534 min Scan# 1

Delta R.T. -0.000 min

Lab File: VU062031.D

Acq: 25 Nov 2024 18:37

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion: 95 Resp: 61127

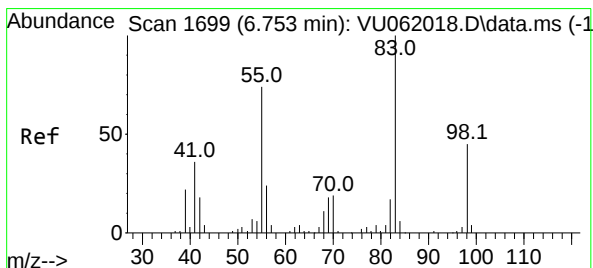
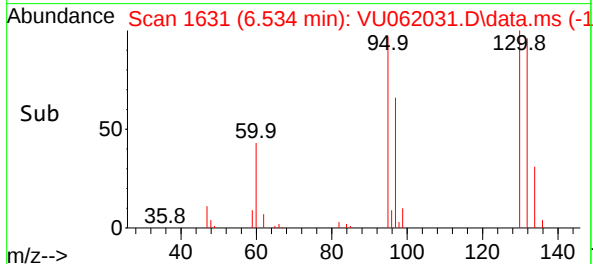
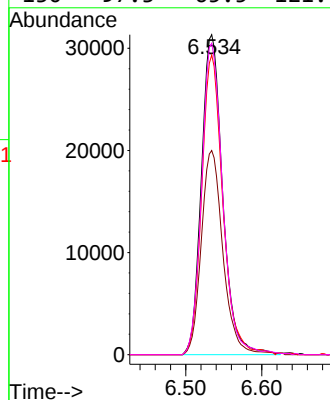
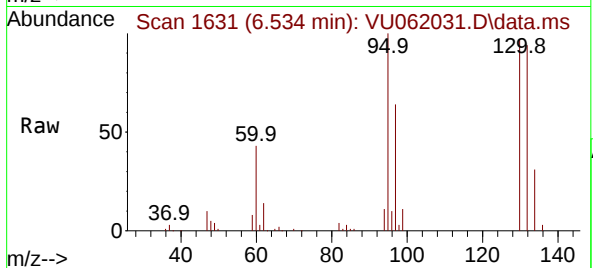
Ion Ratio Lower Upper

95 100

97 63.8 45.9 85.3

132 93.7 63.8 118.4

130 97.3 65.5 121.7



#35

Methylcyclohexane

Concen: 5.148 ug/L

RT: 6.753 min Scan# 1699

Delta R.T. -0.000 min

Lab File: VU062031.D

Acq: 25 Nov 2024 18:37

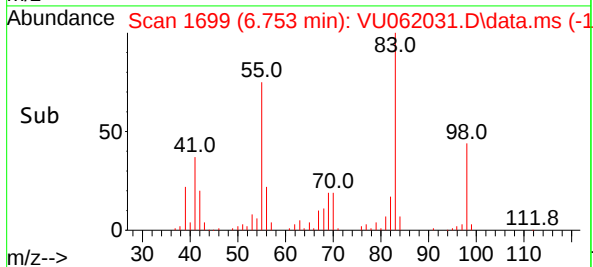
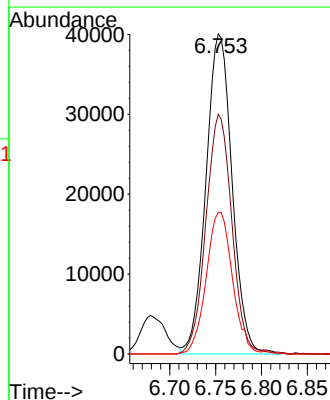
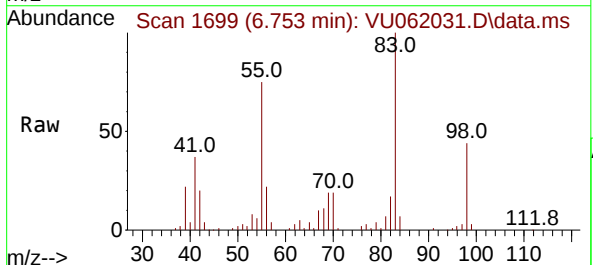
Tgt Ion: 83 Resp: 79532

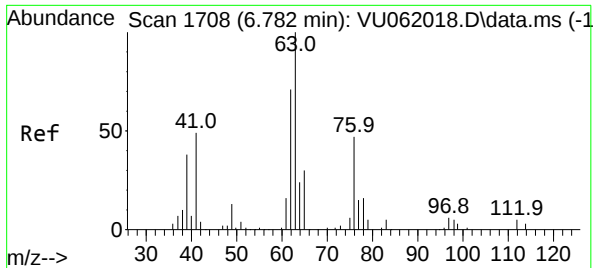
Ion Ratio Lower Upper

83 100

55 74.4 60.7 91.1

98 44.4 34.8 52.2

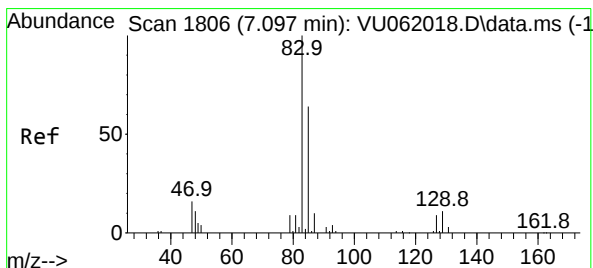
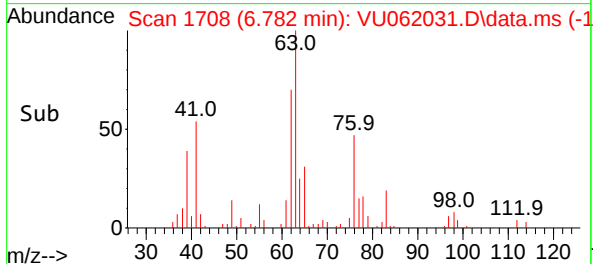
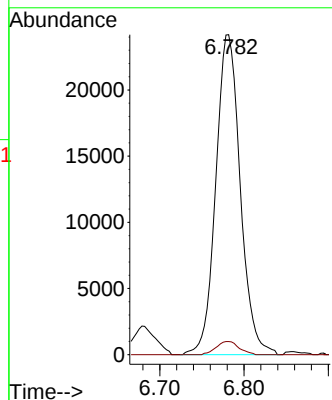
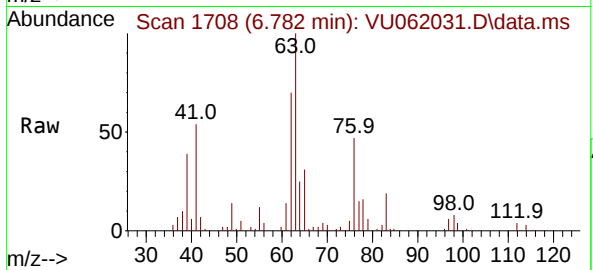




#37
1,2-Dichloropropane
Concen: 4.960 ug/L
RT: 6.782 min Scan# 1708
Delta R.T. -0.000 min
Lab File: VU062031.D
Acq: 25 Nov 2024 18:37

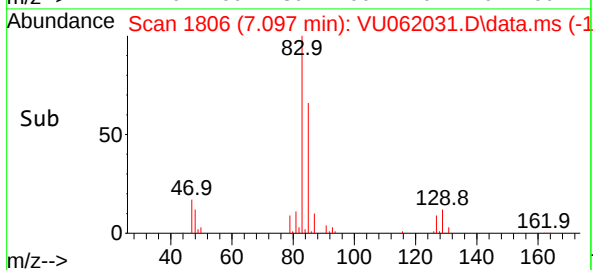
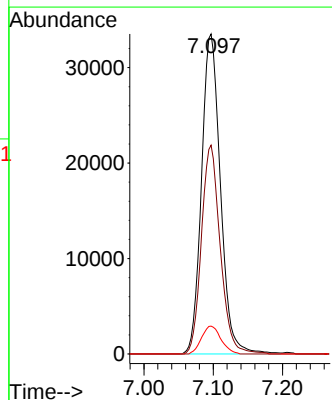
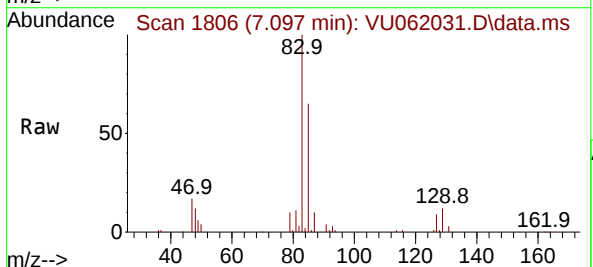
Instrument :
MSVOA_U
ClientSampleId :

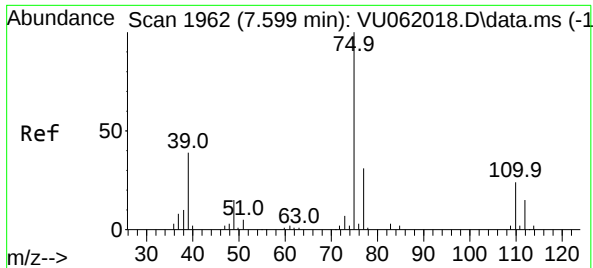
Tgt Ion: 63 Resp: 48759
Ion Ratio Lower Upper
63 100
112 3.9 3.4 5.0



#38
Bromodichloromethane
Concen: 5.334 ug/L
RT: 7.097 min Scan# 1806
Delta R.T. -0.000 min
Lab File: VU062031.D
Acq: 25 Nov 2024 18:37

Tgt Ion: 83 Resp: 63591
Ion Ratio Lower Upper
83 100
85 65.2 44.1 81.9
127 8.7 6.9 10.3

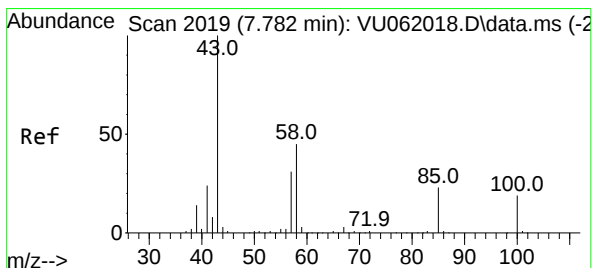
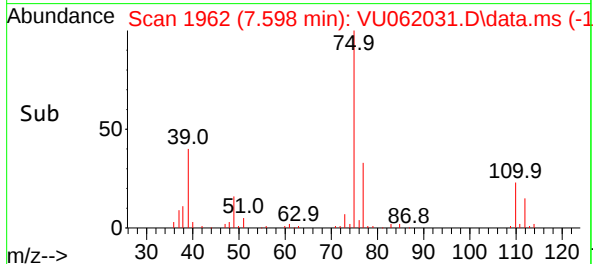
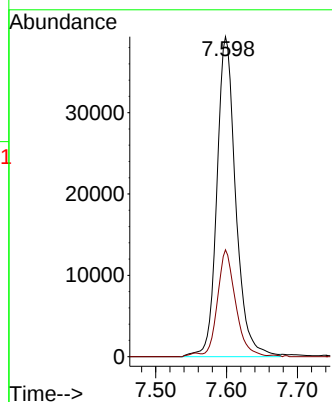
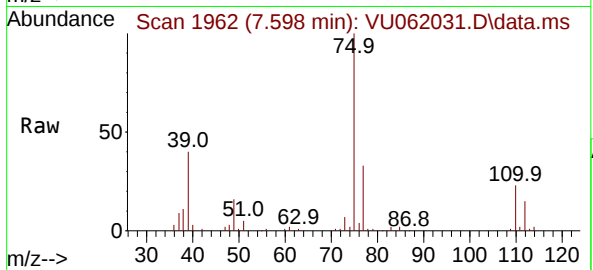




#39
 cis-1,3-Dichloropropene
 Concen: 5.266 ug/L
 RT: 7.598 min Scan# 1962
 Delta R.T. -0.000 min
 Lab File: VU062031.D
 Acq: 25 Nov 2024 18:37

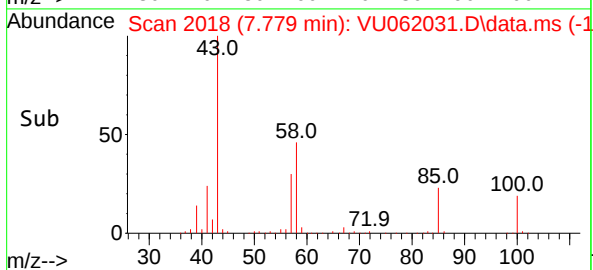
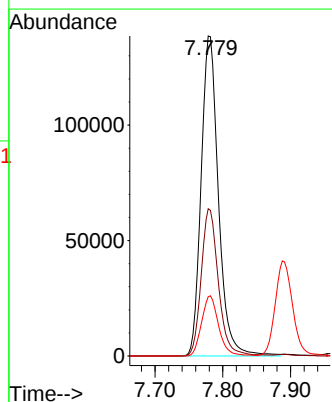
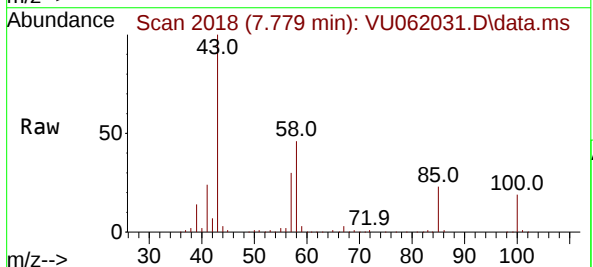
Instrument :
 MSVOA_U
 ClientSampleId :

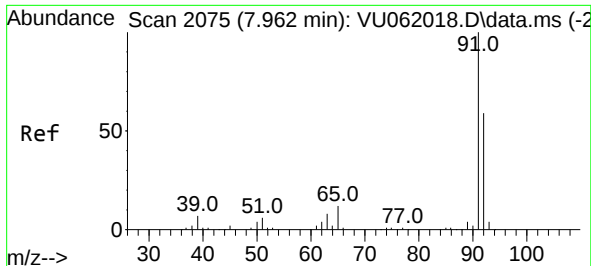
Tgt Ion: 75 Resp: 72584
 Ion Ratio Lower Upper
 75 100
 77 33.4 22.3 41.3



#40
 4-Methyl-2-pentanone
 Concen: 46.345 ug/L
 RT: 7.779 min Scan# 2018
 Delta R.T. -0.003 min
 Lab File: VU062031.D
 Acq: 25 Nov 2024 18:37

Tgt Ion: 43 Resp: 245815
 Ion Ratio Lower Upper
 43 100
 58 45.6 33.3 49.9
 100 18.5 12.4 18.6





#42

Toluene

Concen: 5.250 ug/L

RT: 7.959 min Scan# 2074

Delta R.T. -0.003 min

Lab File: VU062031.D

Acq: 25 Nov 2024 18:37

Instrument :

MSVOA_U

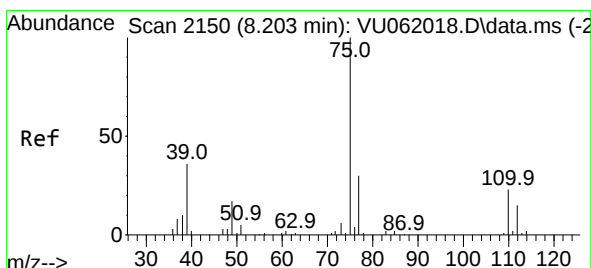
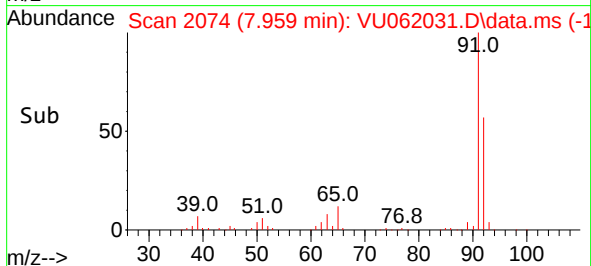
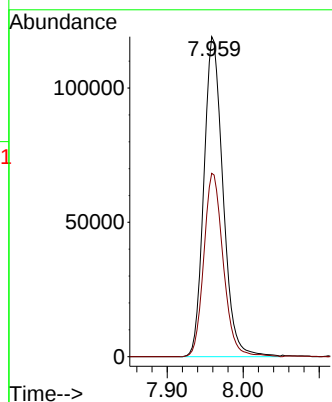
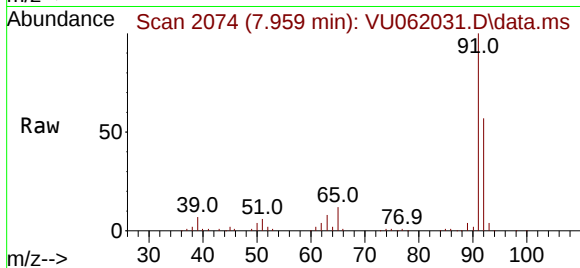
ClientSampleId :

Tgt Ion: 91 Resp: 208466

Ion Ratio Lower Upper

91 100

92 57.3 39.0 72.4



#44

trans-1,3-Dichloropropene

Concen: 5.496 ug/L

RT: 8.203 min Scan# 2150

Delta R.T. -0.000 min

Lab File: VU062031.D

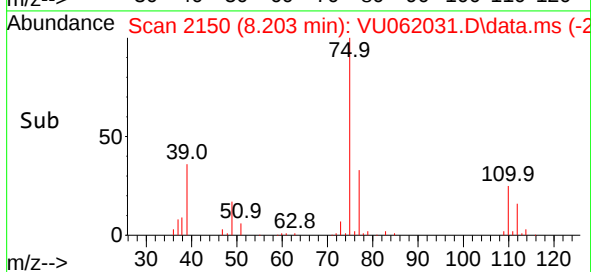
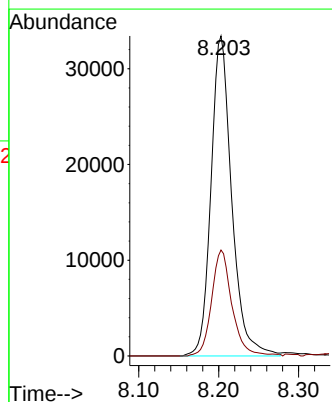
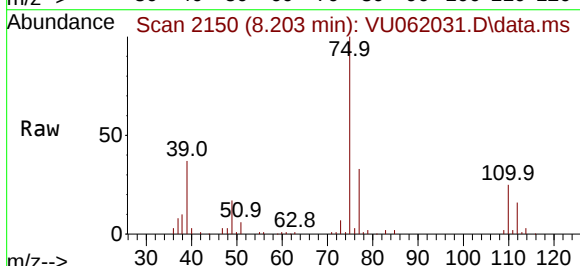
Acq: 25 Nov 2024 18:37

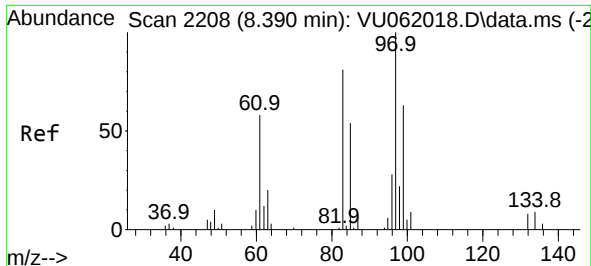
Tgt Ion: 75 Resp: 60165

Ion Ratio Lower Upper

75 100

77 33.1 21.8 40.4





#45

1,1,2-Trichloroethane

Concen: 5.159 ug/L

RT: 8.389 min Scan# 21

Delta R.T. -0.003 min

Lab File: VU062031.D

Acq: 25 Nov 2024 18:37

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion: 97 Resp: 37363

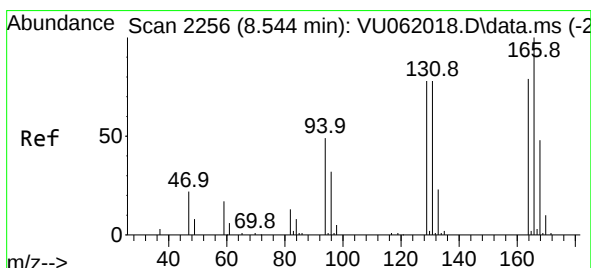
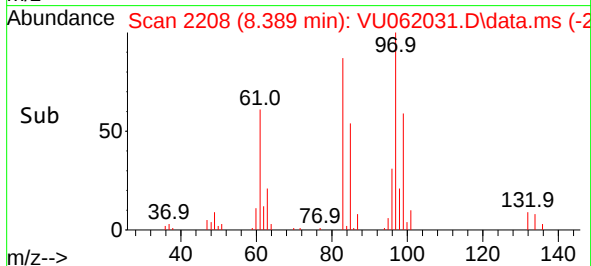
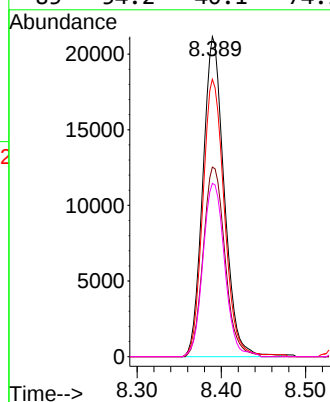
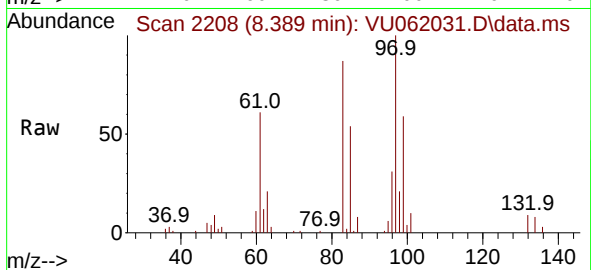
Ion Ratio Lower Upper

97 100

99 59.3 43.0 79.8

83 86.7 61.7 114.5

85 54.2 40.1 74.5



#47

Tetrachloroethene

Concen: 5.560 ug/L

RT: 8.544 min Scan# 2256

Delta R.T. -0.000 min

Lab File: VU062031.D

Acq: 25 Nov 2024 18:37

Tgt Ion:164 Resp: 40836

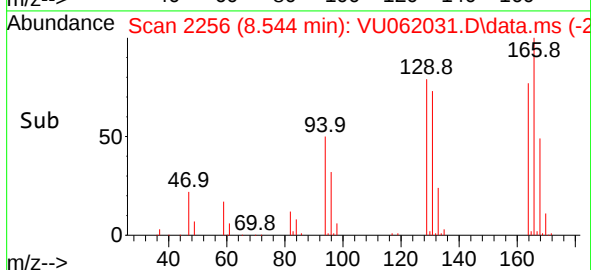
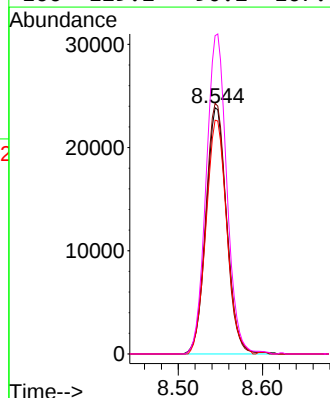
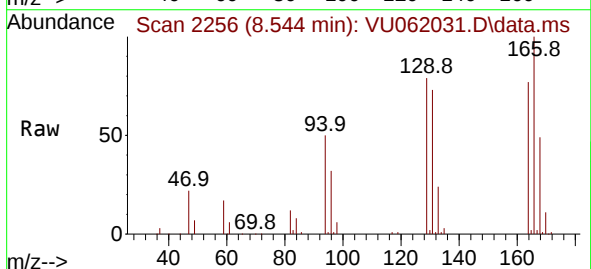
Ion Ratio Lower Upper

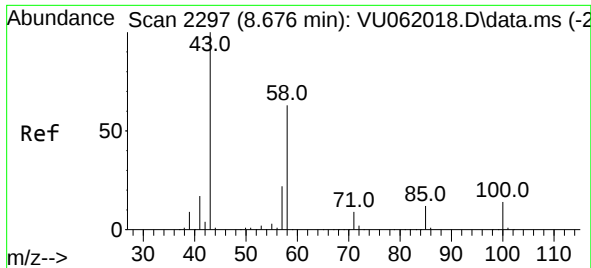
164 100

129 101.8 73.2 136.0

131 95.0 72.3 134.3

166 129.2 90.2 167.4

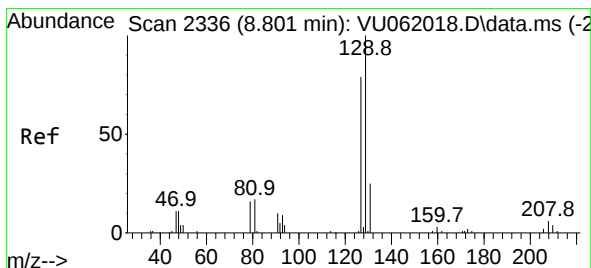
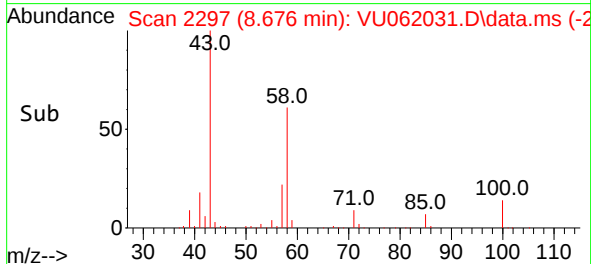
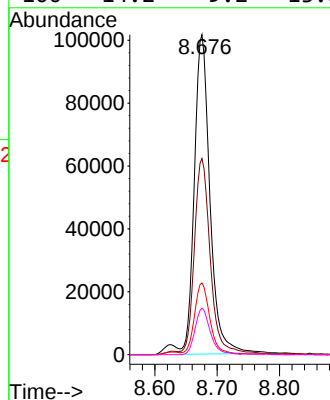
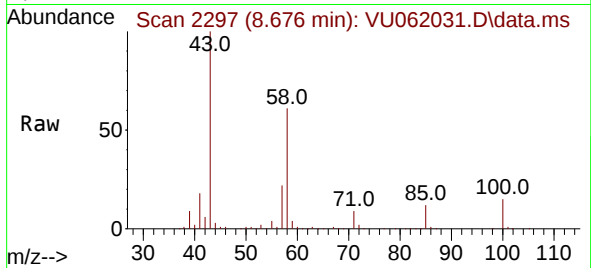




#48
2-Hexanone
Concen: 44.465 ug/L
RT: 8.676 min Scan# 2297
Delta R.T. -0.000 min
Lab File: VU062031.D
Acq: 25 Nov 2024 18:37

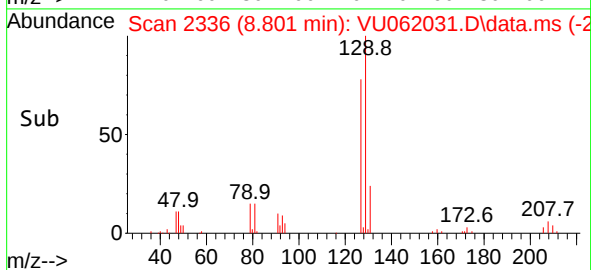
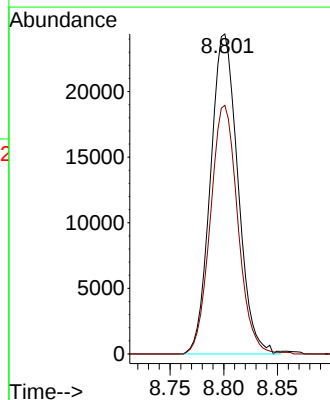
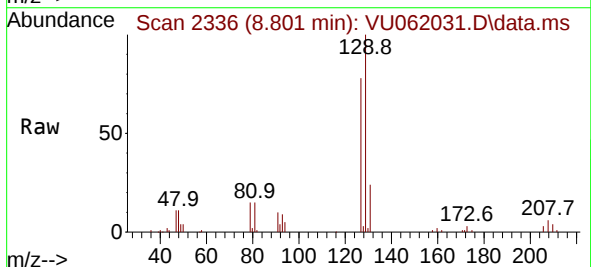
Instrument :
MSVOA_U
ClientSampleId :

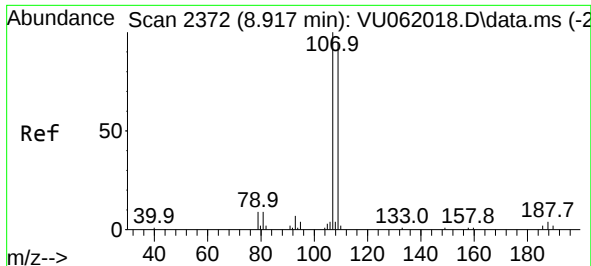
Tgt Ion: 43 Resp: 176625
Ion Ratio Lower Upper
43 100
58 61.8 47.5 71.3
57 22.0 15.6 23.4
100 14.2 9.2 13.8#



#49
Dibromochloromethane
Concen: 5.656 ug/L
RT: 8.801 min Scan# 2336
Delta R.T. 0.003 min
Lab File: VU062031.D
Acq: 25 Nov 2024 18:37

Tgt Ion:129 Resp: 43270
Ion Ratio Lower Upper
129 100
127 77.7 51.1 94.9





#50

1,2-Dibromoethane

Concen: 4.946 ug/L

RT: 8.914 min Scan# 21

Delta R.T. -0.003 min

Lab File: VU062031.D

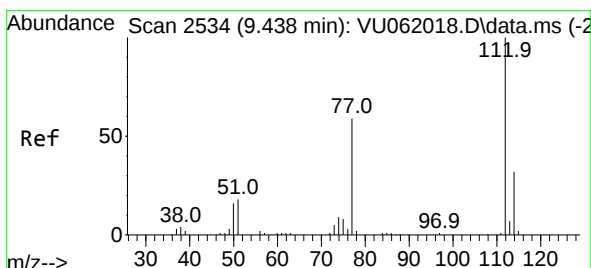
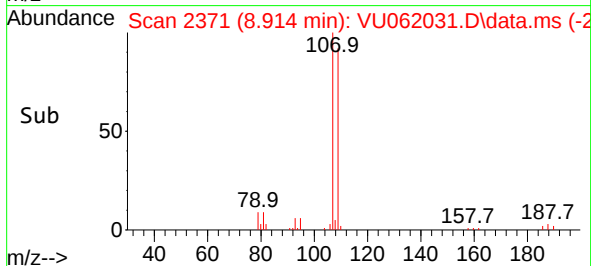
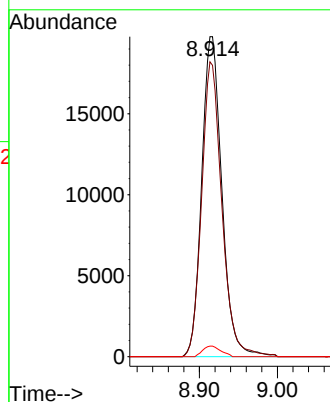
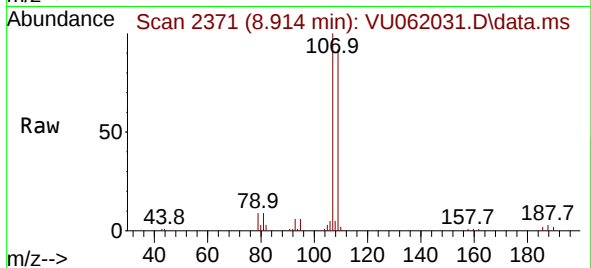
Acq: 25 Nov 2024 18:37

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion:	107	Resp:	35549
Ion	Ratio	Lower	Upper
107	100		
109	92.1	66.8	124.2
188	3.3	2.3	3.5



#51

Chlorobenzene

Concen: 4.861 ug/L

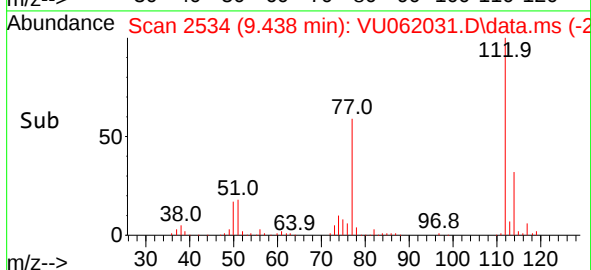
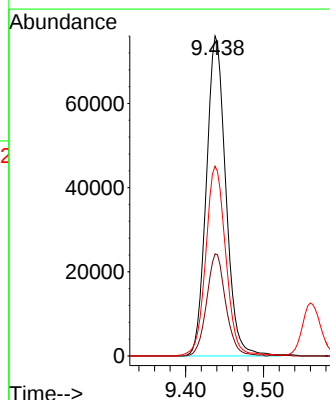
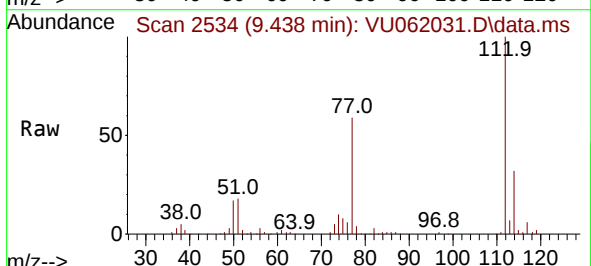
RT: 9.438 min Scan# 2534

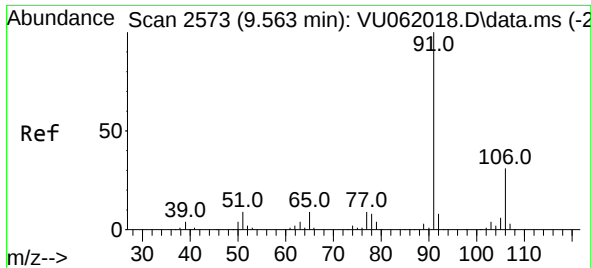
Delta R.T. -0.000 min

Lab File: VU062031.D

Acq: 25 Nov 2024 18:37

Tgt Ion:	112	Resp:	132198
Ion	Ratio	Lower	Upper
112	100		
114	31.9	23.0	42.6
77	59.3	50.5	75.7

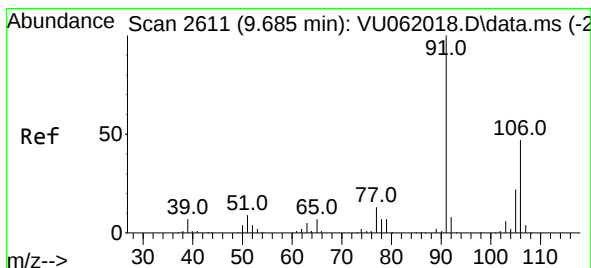
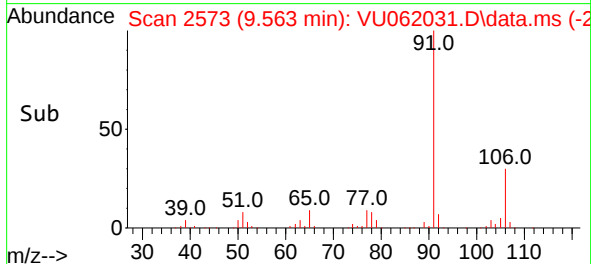
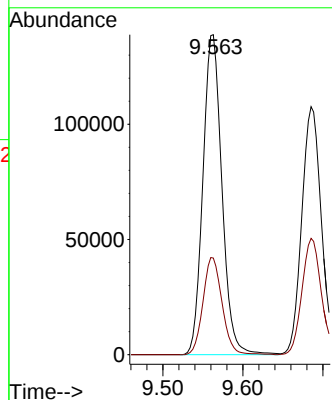
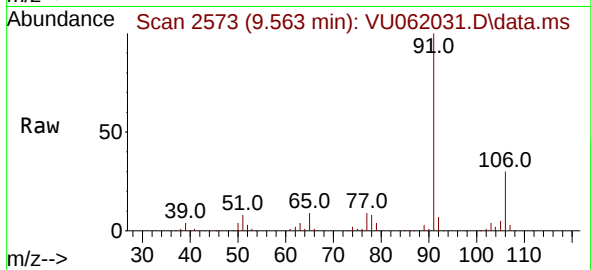




#52
Ethylbenzene
Concen: 4.848 ug/L
RT: 9.563 min Scan# 2573
Delta R.T. 0.003 min
Lab File: VU062031.D
Acq: 25 Nov 2024 18:37

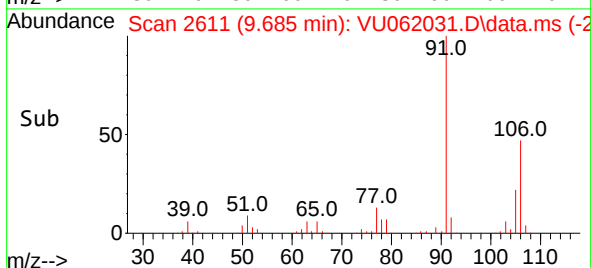
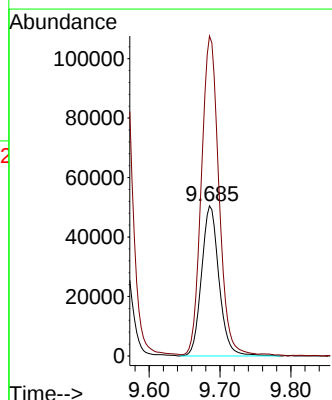
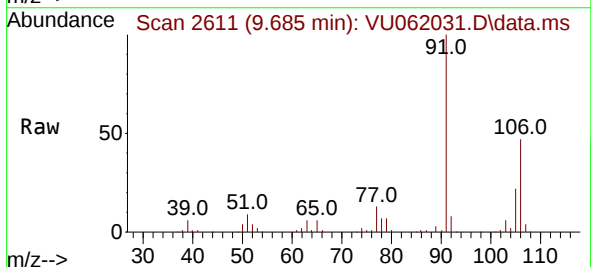
Instrument :
MSVOA_U
ClientSampleId :

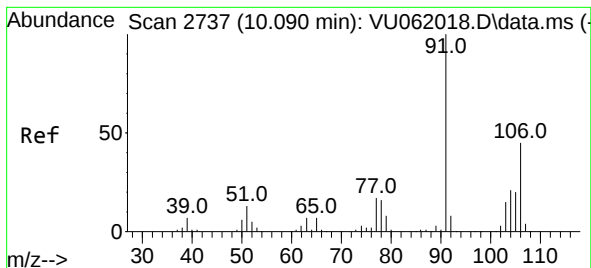
Tgt Ion: 91 Resp: 230385
Ion Ratio Lower Upper
91 100
106 30.2 21.6 40.0



#53
m,p-Xylene
Concen: 5.152 ug/L
RT: 9.685 min Scan# 2611
Delta R.T. -0.000 min
Lab File: VU062031.D
Acq: 25 Nov 2024 18:37

Tgt Ion:106 Resp: 86391
Ion Ratio Lower Upper
106 100
91 213.2 147.6 274.0





#54

o-Xylene

Concen: 4.936 ug/L

RT: 10.090 min Scan# 21

Delta R.T. -0.003 min

Lab File: VU062031.D

Acq: 25 Nov 2024 18:37

Instrument :

MSVOA_U

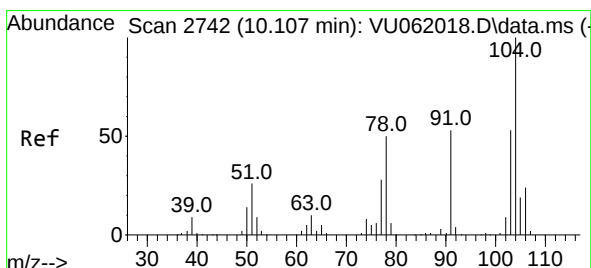
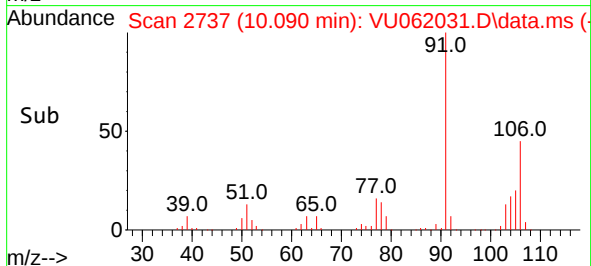
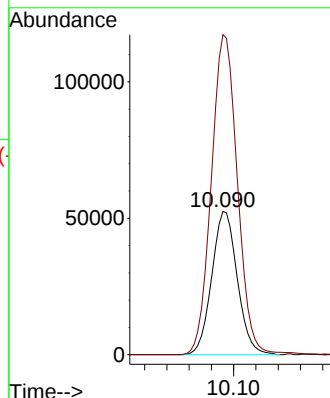
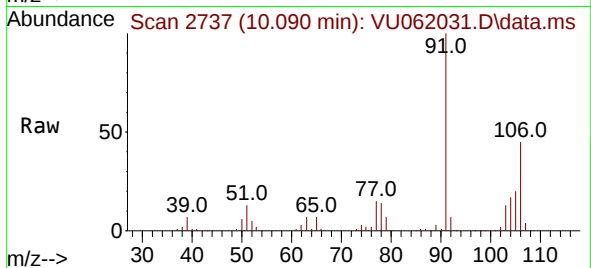
ClientSampleId :

Tgt Ion:106 Resp: 83535

Ion Ratio Lower Upper

106 100

91 223.4 159.8 296.8



#55

Styrene

Concen: 4.066 ug/L

RT: 10.106 min Scan# 2742

Delta R.T. -0.000 min

Lab File: VU062031.D

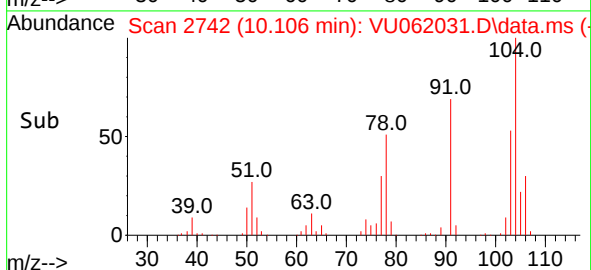
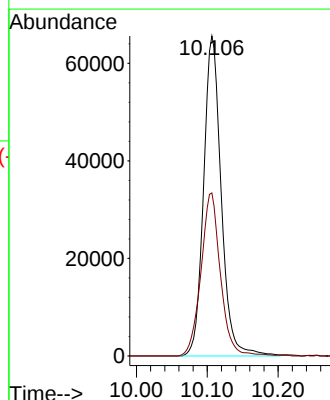
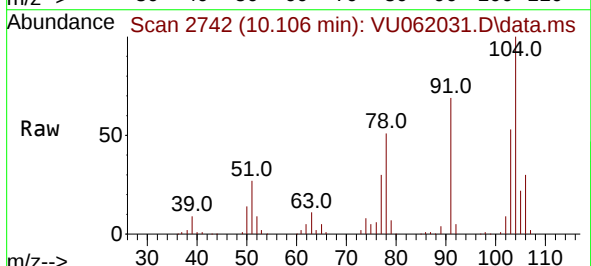
Acq: 25 Nov 2024 18:37

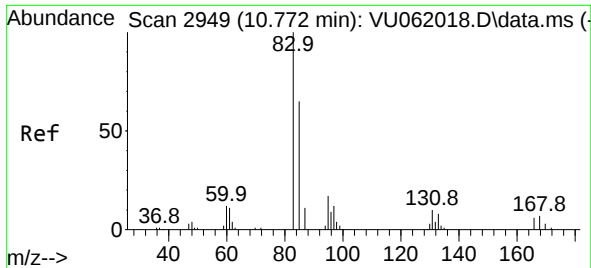
Tgt Ion:104 Resp: 113373

Ion Ratio Lower Upper

104 100

78 50.9 33.2 61.7

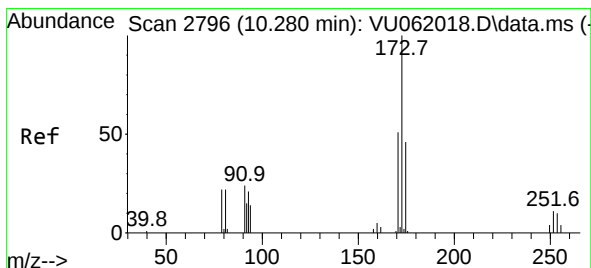
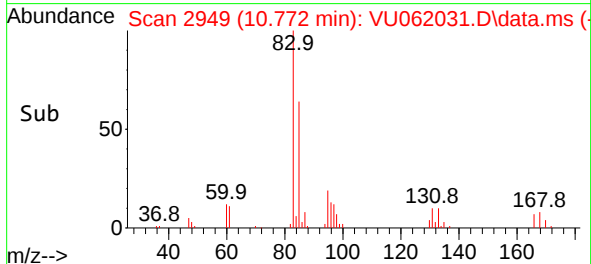
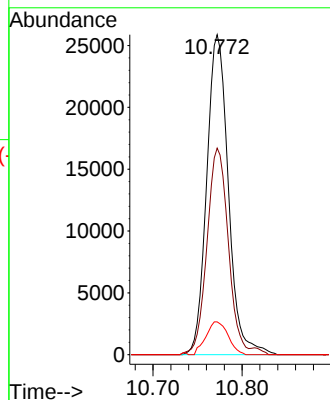
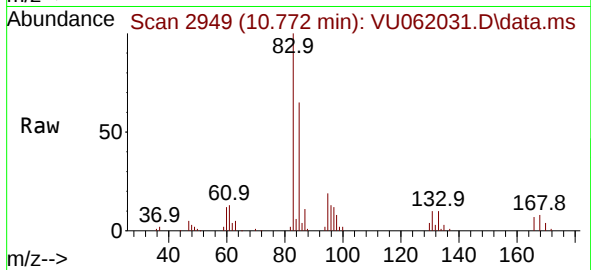




#57
1,1,2,2-Tetrachloroethane
Concen: 4.703 ug/L
RT: 10.772 min Scan# 2949
Delta R.T. -0.000 min
Lab File: VU062031.D
Acq: 25 Nov 2024 18:37

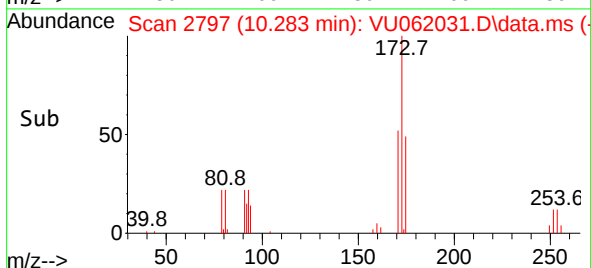
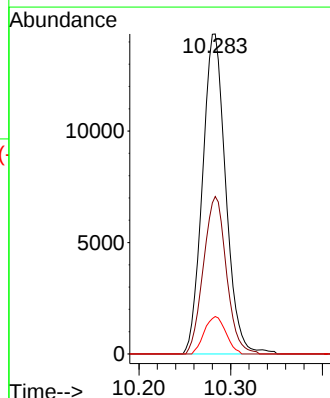
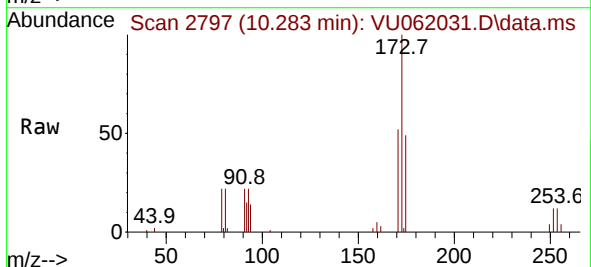
Instrument :
MSVOA_U
ClientSampleId :

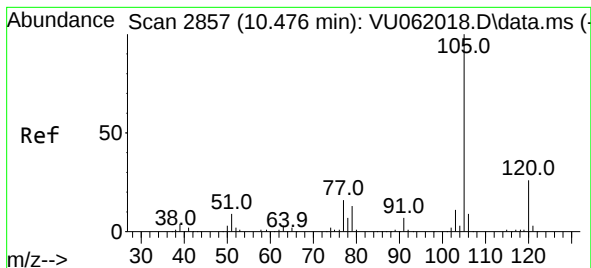
Tgt Ion: 83 Resp: 43644
Ion Ratio Lower Upper
83 100
85 64.6 44.4 82.4
131 10.3 7.3 10.9



#59
Bromoform
Concen: 5.329 ug/L
RT: 10.283 min Scan# 2797
Delta R.T. 0.003 min
Lab File: VU062031.D
Acq: 25 Nov 2024 18:37

Tgt Ion:173 Resp: 25283
Ion Ratio Lower Upper
173 100
175 48.5 39.0 58.4
254 10.8 7.4 11.0





#60

Isopropylbenzene

Concen: 4.650 ug/L

RT: 10.476 min Scan# 2857

Delta R.T. -0.000 min

Lab File: VU062031.D

Acq: 25 Nov 2024 18:37

Instrument :

MSVOA_U

ClientSampleId :

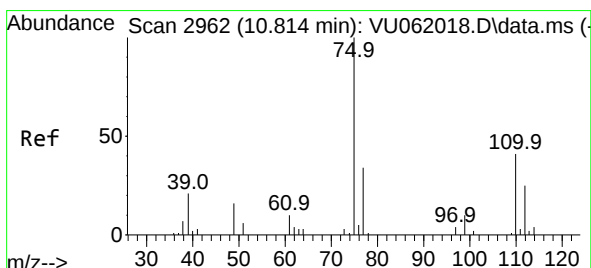
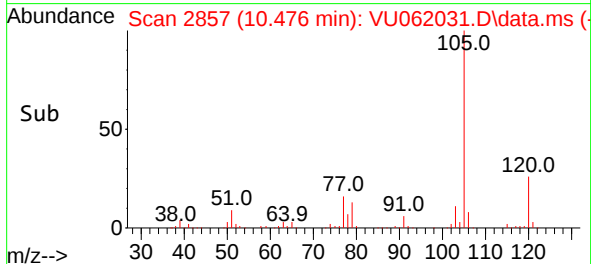
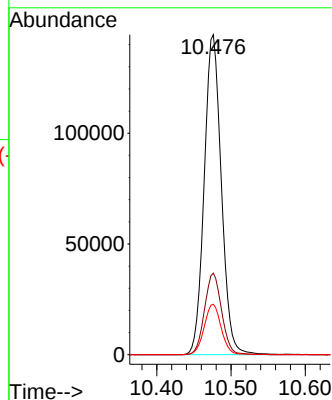
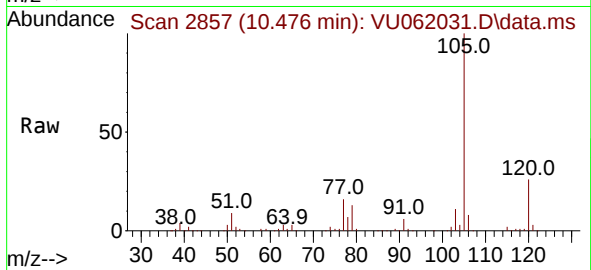
Tgt Ion:105 Resp: 231402

Ion Ratio Lower Upper

105 100

120 25.5 20.6 31.0

77 15.7 13.0 19.6



#61

1,2,3-Trichloropropane

Concen: 4.126 ug/L

RT: 10.814 min Scan# 2962

Delta R.T. -0.000 min

Lab File: VU062031.D

Acq: 25 Nov 2024 18:37

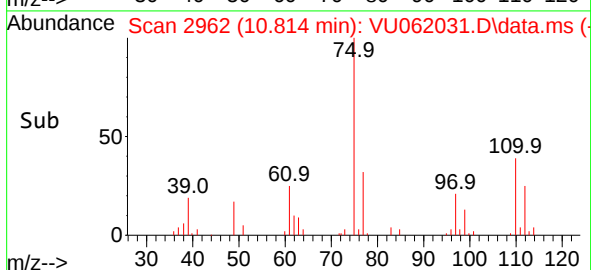
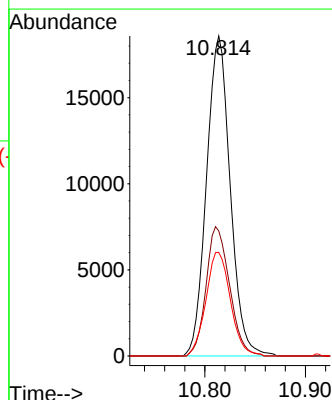
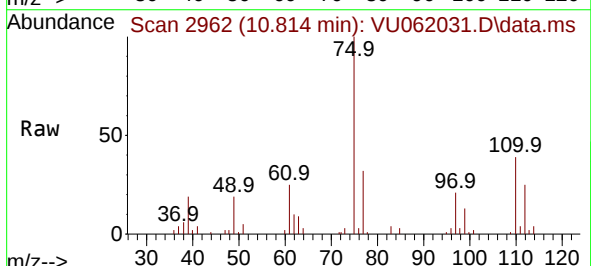
Tgt Ion: 75 Resp: 30446

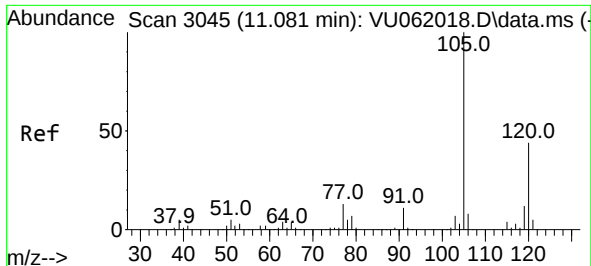
Ion Ratio Lower Upper

75 100

110 40.0 28.9 43.3

77 33.5 26.5 39.7





#62

1,3,5-Trimethylbenzene

Concen: 4.794 ug/L

RT: 11.081 min Scan# 3045

Delta R.T. -0.000 min

Lab File: VU062031.D

Acq: 25 Nov 2024 18:37

Instrument :

MSVOA_U

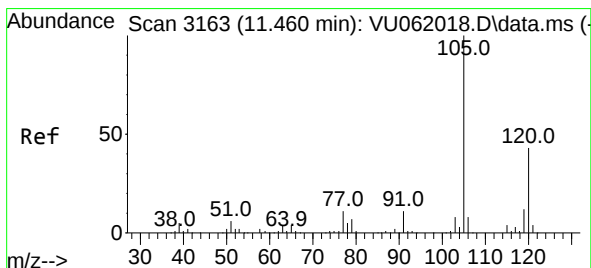
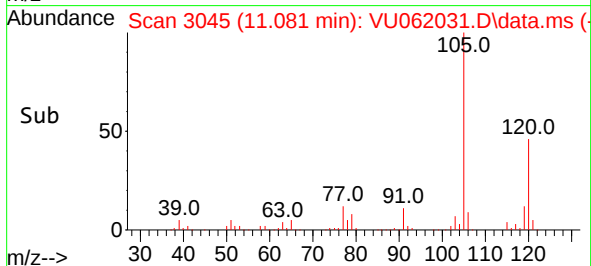
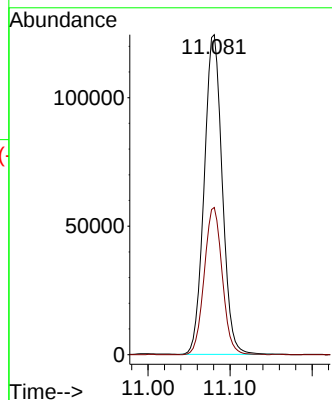
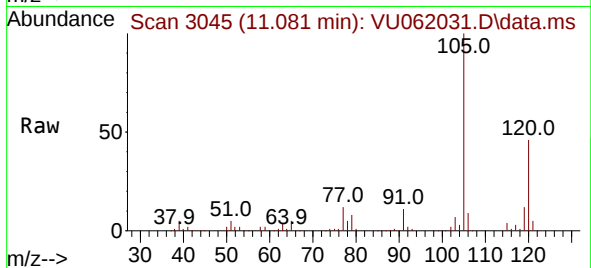
ClientSampleId :

Tgt Ion:105 Resp: 190300

Ion Ratio Lower Upper

105 100

120 45.9 36.7 55.1



#63

1,2,4-Trimethylbenzene

Concen: 4.749 ug/L

RT: 11.460 min Scan# 3163

Delta R.T. -0.000 min

Lab File: VU062031.D

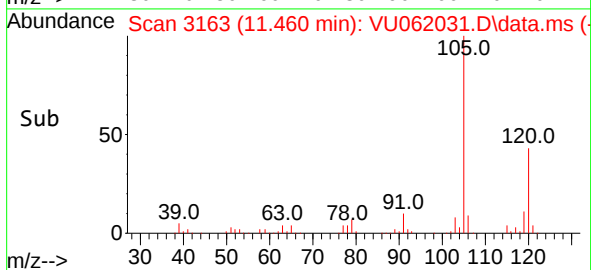
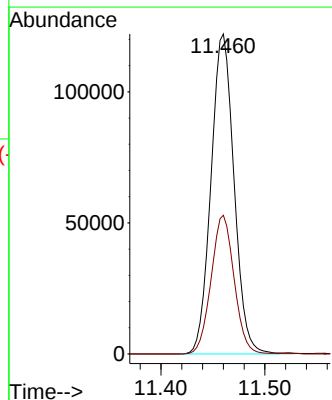
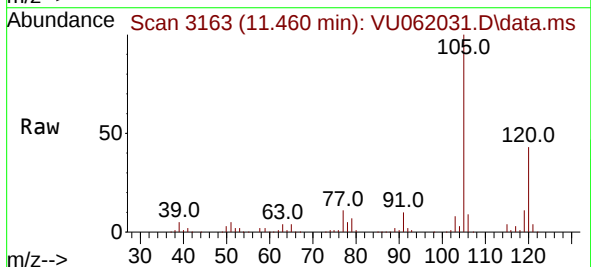
Acq: 25 Nov 2024 18:37

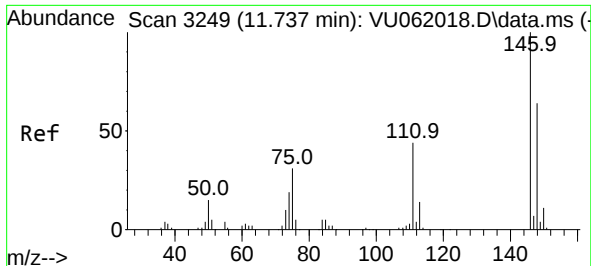
Tgt Ion:105 Resp: 187964

Ion Ratio Lower Upper

105 100

120 43.3 34.7 52.1

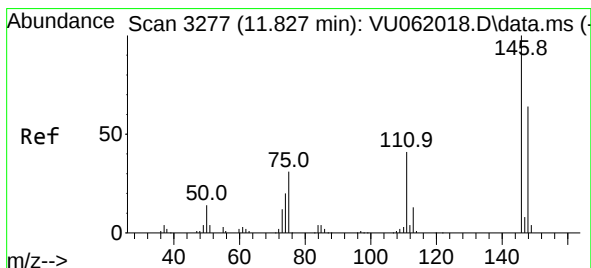
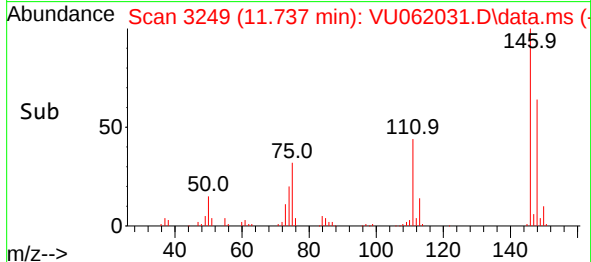
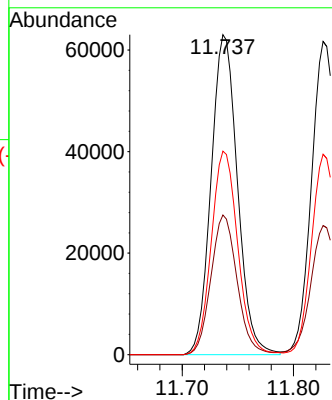
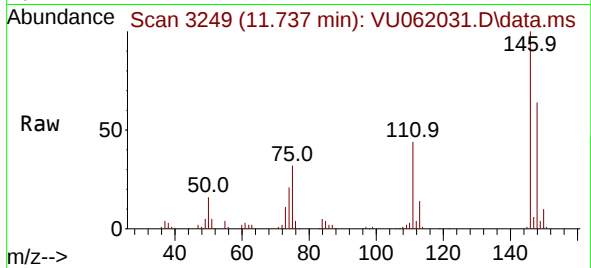




#64
1,3-Dichlorobenzene
Concen: 4.694 ug/L
RT: 11.737 min Scan# 3249
Delta R.T. -0.000 min
Lab File: VU062031.D
Acq: 25 Nov 2024 18:37

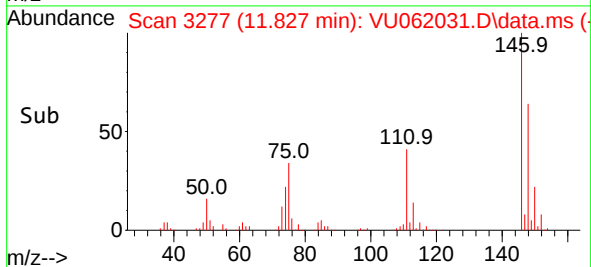
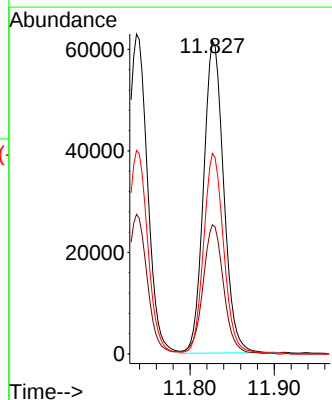
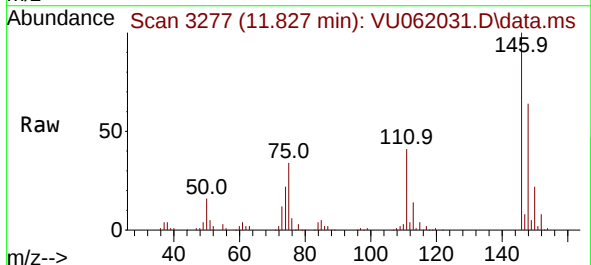
Instrument :
MSVOA_U
ClientSampleId :

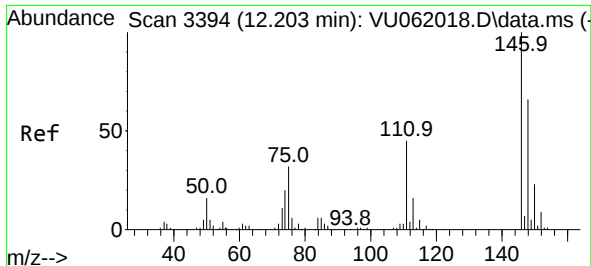
Tgt Ion:146 Resp: 103687
Ion Ratio Lower Upper
146 100
111 43.7 30.7 57.1
148 63.6 45.1 83.7



#65
1,4-Dichlorobenzene
Concen: 4.776 ug/L
RT: 11.827 min Scan# 3277
Delta R.T. -0.000 min
Lab File: VU062031.D
Acq: 25 Nov 2024 18:37

Tgt Ion:146 Resp: 102112
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: 5.043 ug/L

RT: 12.203 min Scan# 31

Delta R.T. -0.000 min

Lab File: VU062031.D

Acq: 25 Nov 2024 18:37

Instrument :

MSVOA_U

ClientSampleId :

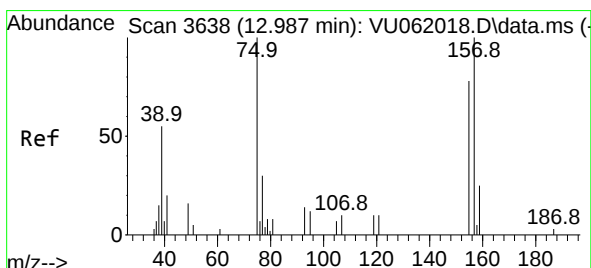
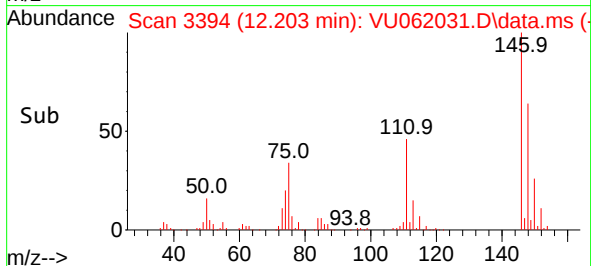
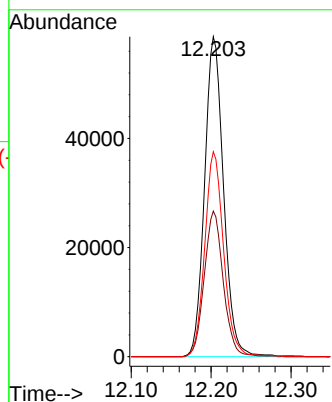
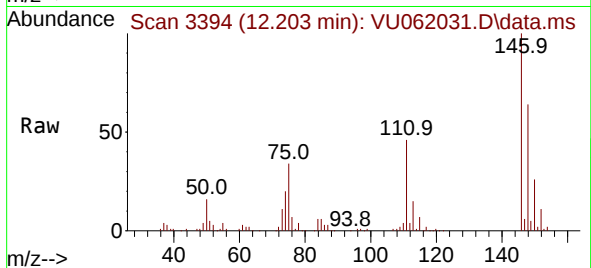
Tgt Ion:146 Resp: 96887

Ion Ratio Lower Upper

146 100

111 45.5 36.0 54.0

148 64.0 52.3 78.5



#68

1,2-Dibromo-3-chloropropane

Concen: 5.287 ug/L

RT: 12.987 min Scan# 3638

Delta R.T. -0.000 min

Lab File: VU062031.D

Acq: 25 Nov 2024 18:37

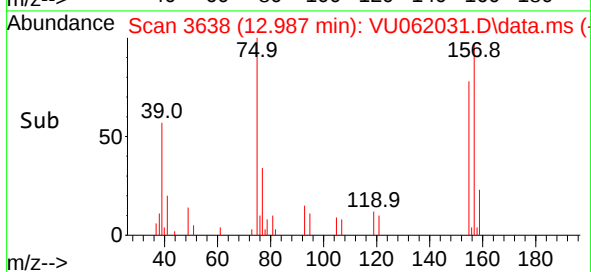
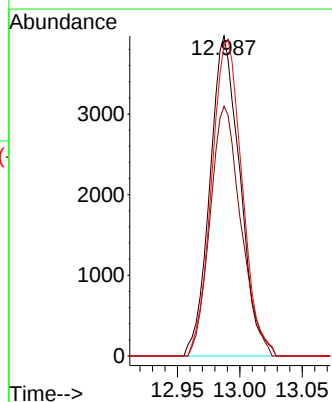
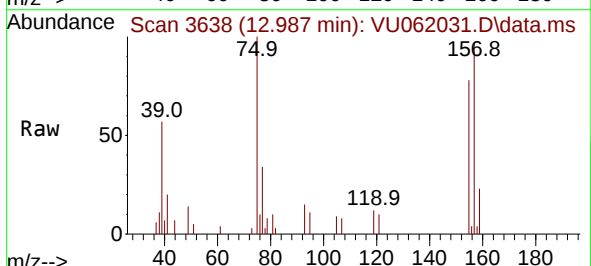
Tgt Ion: 75 Resp: 6657

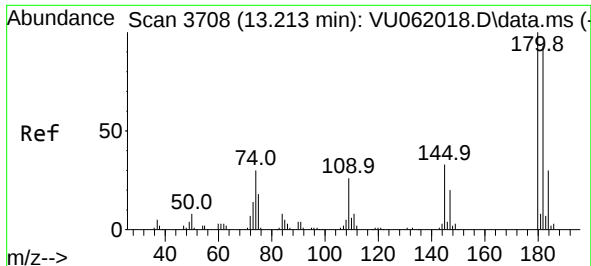
Ion Ratio Lower Upper

75 100

155 78.0 55.2 82.8

157 97.1 73.5 110.3





#69

1,3,5-Trichlorobenzene

Concen: 5.667 ug/L

RT: 13.209 min Scan# 31

Delta R.T. -0.003 min

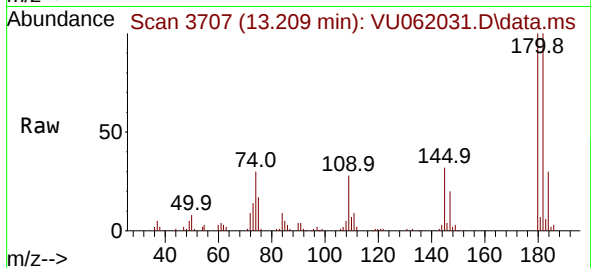
Lab File: VU062031.D

Acq: 25 Nov 2024 18:37

Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion:180 Resp: 74497

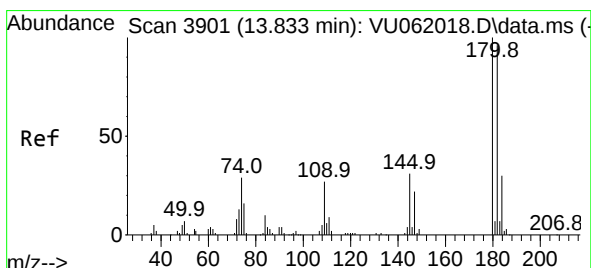
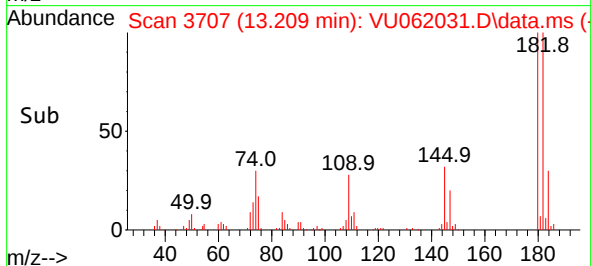
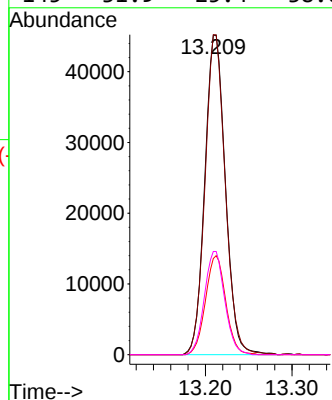
Ion Ratio Lower Upper

180 100

182 98.5 76.7 115.1

184 30.5 24.8 37.2

145 31.9 25.4 38.0



#70

1,2,4-trichlorobenzene

Concen: 6.009 ug/L

RT: 13.833 min Scan# 3901

Delta R.T. -0.000 min

Lab File: VU062031.D

Acq: 25 Nov 2024 18:37

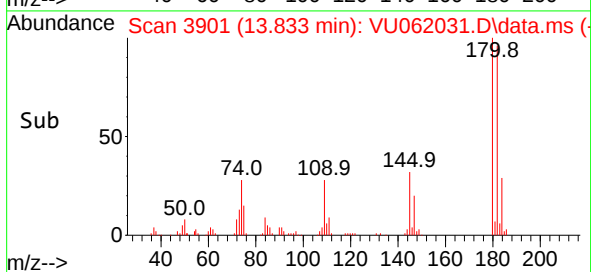
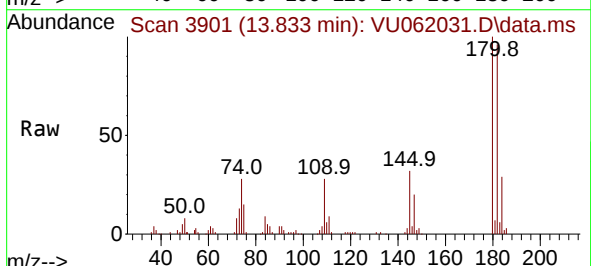
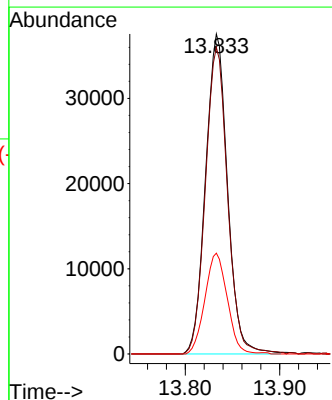
Tgt Ion:180 Resp: 60539

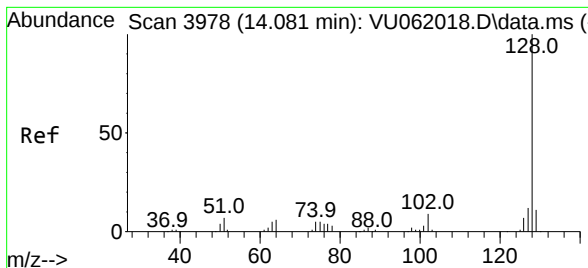
Ion Ratio Lower Upper

180 100

182 96.6 74.5 111.7

145 32.0 25.6 38.4





#71

Naphthalene

Concen: 5.440 ug/L

RT: 14.081 min Scan# 3978

Delta R.T. -0.000 min

Lab File: VU062031.D

Acq: 25 Nov 2024 18:37

Instrument :

MSVOA_U

ClientSampleId :

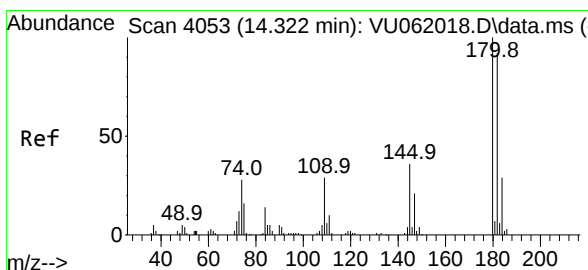
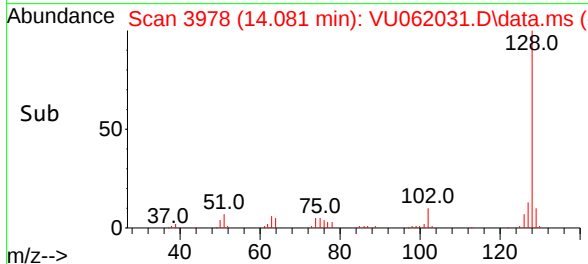
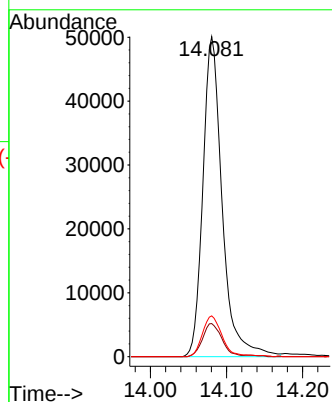
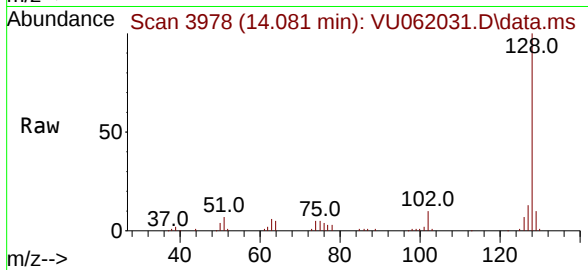
Tgt Ion:128 Resp: 88327

Ion Ratio Lower Upper

128 100

129 10.4 8.5 12.7

127 13.2 10.2 15.4



#72

1,2,3-Trichlorobenzene

Concen: 6.158 ug/L

RT: 14.322 min Scan# 4053

Delta R.T. -0.000 min

Lab File: VU062031.D

Acq: 25 Nov 2024 18:37

Tgt Ion:180 Resp: 53434

Ion Ratio Lower Upper

180 100

182 95.1 76.1 114.1

145 33.7 27.4 41.0

