

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU112524\
 Data File : VU062030.D
 Acq On : 25 Nov 2024 18:12
 Operator : MD/SY
 Sample : P4996-02MS
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Nov 26 03:48:14 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	6.239	114	135945	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.409	117	127722	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	66998	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	29170	4.374	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	87.400%
7) Chloroethane-d5	1.904	69	21739	3.685	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	73.800%
11) 1,1-Dichloroethene-d2	2.560	65	13258	4.977	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	99.600%
20) 2-Butanone-d5	4.618	46	64382	30.746	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	61.500%
24) Chloroform-d	5.052	84	65665	4.036	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	80.800%
26) 1,2-Dichloroethane-d4	5.695	65	32107	3.835	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	76.600%
32) Benzene-d6	5.718	84	118441	4.760	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.200%
36) 1,2-Dichloropropane-d6	6.679	67	36525	4.320	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	86.400%
41) Toluene-d8	7.891	98	113430	5.465	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	109.400%
43) trans-1,3-Dichloroprop...	8.174	79	14685	4.691	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	93.800%
46) 2-Hexanone-d5	8.624	63	47163	33.009	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	66.020%
56) 1,1,2,2-Tetrachloroeth...	10.746	84	29514	3.493	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	69.800%
66) 1,2-Dichlorobenzene-d4	12.184	152	41627	4.202	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	84.000%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.380	85	60552	5.091	ug/L	97
3) Chloromethane	1.515	50	50117	4.088	ug/L	99
5) Vinyl chloride	1.599	62	49434	3.925	ug/L	96
6) Bromomethane	1.850	94	31318	4.177	ug/L	99
8) Chloroethane	1.927	64	30083	3.704	ug/L	100
9) Trichlorofluoromethane	2.133	101	81443	5.112	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.573	101	45566	4.648	ug/L	92
12) 1,1-Dichloroethene	2.573	96	40875	4.483	ug/L	95
13) Acetone	2.621	43	58003	40.119	ug/L	92
14) Carbon disulfide	2.785	76	123611	4.262	ug/L	99
15) Methyl Acetate	2.946	43	14919	4.019	ug/L	93
16) Methylene chloride	3.036	84	45617	4.167	ug/L	93
17) Methyl tert-butyl Ether	3.354	73	108636	4.649	ug/L	97
18) trans-1,2-Dichloroethene	3.345	96	44474	4.615	ug/L	90
19) 1,1-Dichloroethane	3.856	63	82270	4.382	ug/L	98
21) 2-Butanone	4.692	43	94474	40.432	ug/L	95
22) cis-1,2-Dichloroethene	4.657	96	49931	4.604	ug/L	99
23) Bromochloromethane	4.965	128	22811	4.838	ug/L	# 84
25) Chloroform	5.078	83	90180	4.595	ug/L	99

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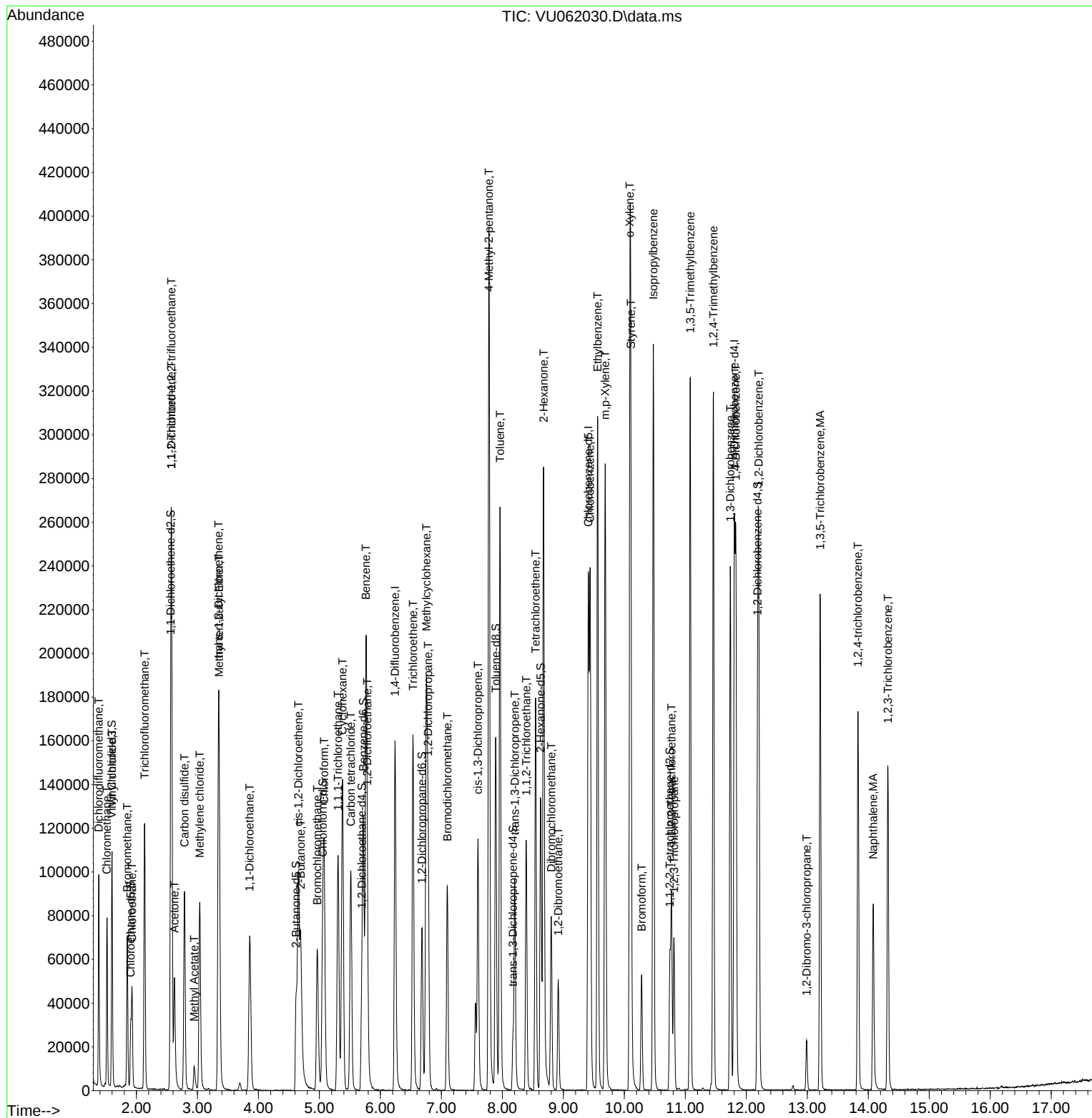
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.785	62	56686	4.490	ug/L	100
29) 1,1,1-Trichloroethane	5.306	97	80796	5.488	ug/L	95
30) Cyclohexane	5.377	56	71166	4.622	ug/L	96
31) Carbon tetrachloride	5.515	117	72319	5.785	ug/L	100
33) Benzene	5.763	78	187874	4.871	ug/L	100
34) Trichloroethene	6.534	95	59110	5.742	ug/L	98
35) Methylcyclohexane	6.753	83	77136	4.898	ug/L	96
37) 1,2-Dichloropropane	6.782	63	48934	4.883	ug/L	98
38) Bromodichloromethane	7.097	83	63626	5.235	ug/L	96
39) cis-1,3-Dichloropropene	7.599	75	71789	5.109	ug/L	97
40) 4-Methyl-2-pentanone	7.779	43	238096	44.035	ug/L	94
42) Toluene	7.962	91	203986	5.039	ug/L	98
44) trans-1,3-Dichloropropene	8.203	75	58772	5.267	ug/L	99
45) 1,1,2-Trichloroethane	8.390	97	36075	4.887	ug/L	99
47) Tetrachloroethene	8.544	164	39219	5.238	ug/L	99
48) 2-Hexanone	8.676	43	170831	42.187	ug/L #	93
49) Dibromochloromethane	8.801	129	41913	5.374	ug/L	94
50) 1,2-Dibromoethane	8.917	107	34250	4.674	ug/L #	98
51) Chlorobenzene	9.438	112	128669	4.641	ug/L	97
52) Ethylbenzene	9.560	91	224390	4.632	ug/L	99
53) m,p-Xylene	9.685	106	84193	4.926	ug/L	96
54) o-Xylene	10.090	106	82105	4.759	ug/L	99
55) Styrene	10.107	104	112547	3.960	ug/L	97
57) 1,1,2,2-Tetrachloroethane	10.772	83	43195	4.566	ug/L	99
59) Bromoform	10.283	173	24334	4.886	ug/L	96
60) Isopropylbenzene	10.476	105	225622	4.319	ug/L	99
61) 1,2,3-Trichloropropane	10.814	75	29945	3.866	ug/L	98
62) 1,3,5-Trimethylbenzene	11.081	105	184763	4.434	ug/L	100
63) 1,2,4-Trimethylbenzene	11.460	105	180554	4.346	ug/L	100
64) 1,3-Dichlorobenzene	11.737	146	100716	4.343	ug/L	99
65) 1,4-Dichlorobenzene	11.827	146	99617	4.438	ug/L	100
67) 1,2-Dichlorobenzene	12.203	146	94801	4.700	ug/L	100
68) 1,2-Dibromo-3-chloropr...	12.987	75	6448	4.878	ug/L #	82
69) 1,3,5-Trichlorobenzene	13.209	180	72486	5.253	ug/L	99
70) 1,2,4-trichlorobenzene	13.830	180	54924	5.193	ug/L	95
71) Naphthalene	14.081	128	76272	4.474	ug/L	98
72) 1,2,3-Trichlorobenzene	14.322	180	48911	5.370	ug/L	98

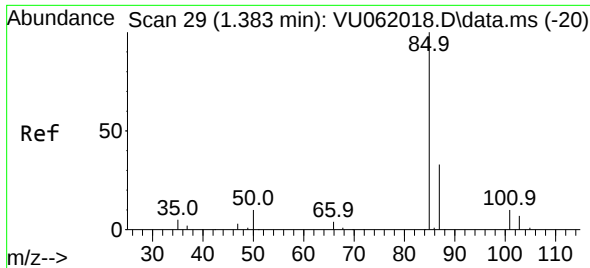
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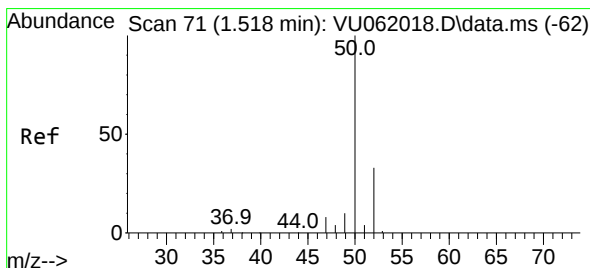
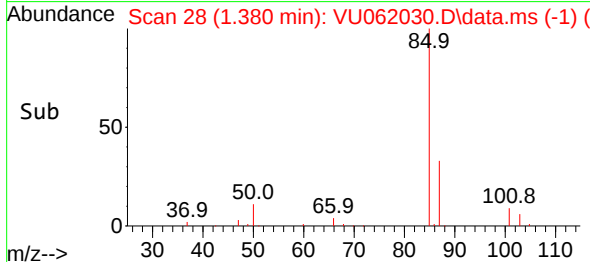
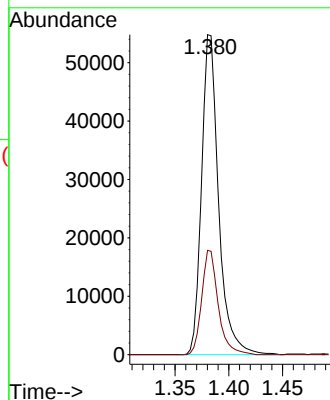
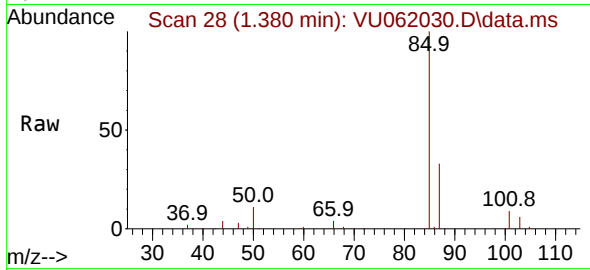




#2
Dichlorodifluoromethane
Concen: 5.091 ug/L
RT: 1.380 min Scan# 21
Delta R.T. -0.003 min
Lab File: VU062030.D
Acq: 25 Nov 2024 18:12

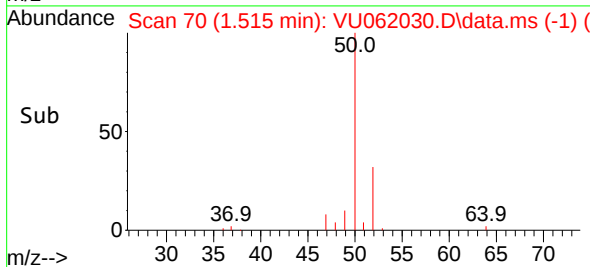
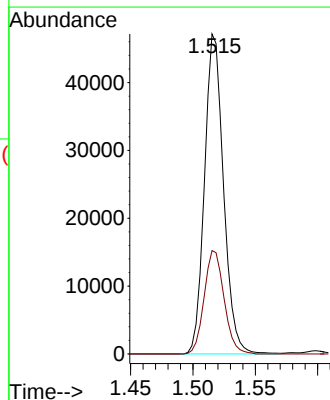
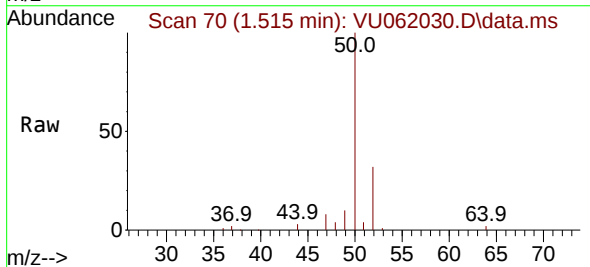
Instrument :
MSVOA_U
ClientSampleId :

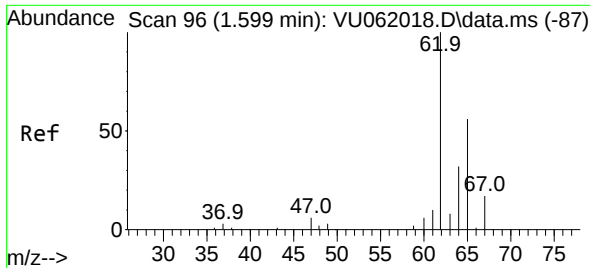
Tgt Ion: 85 Resp: 60552
Ion Ratio Lower Upper
85 100
87 31.5 26.6 40.0



#3
Chloromethane
Concen: 4.088 ug/L
RT: 1.515 min Scan# 70
Delta R.T. -0.000 min
Lab File: VU062030.D
Acq: 25 Nov 2024 18:12

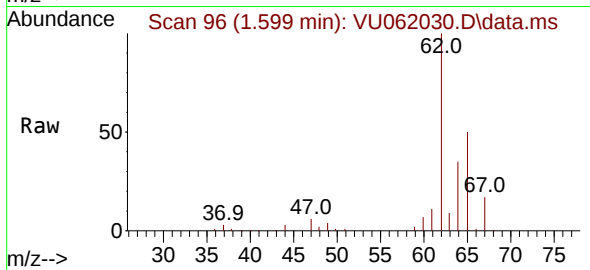
Tgt Ion: 50 Resp: 50117
Ion Ratio Lower Upper
50 100
52 32.3 23.1 42.9



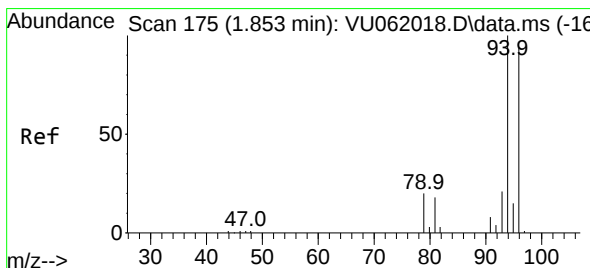
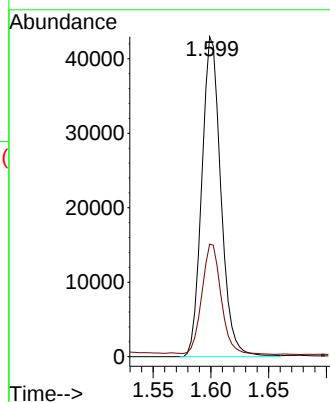
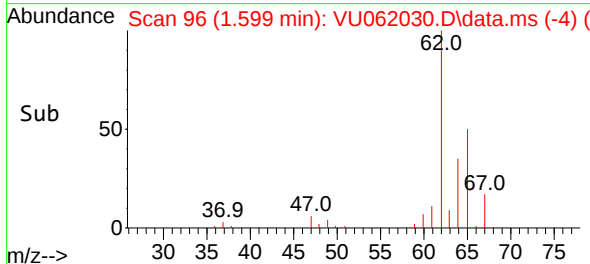


#5
Vinyl chloride
Concen: 3.925 ug/L
RT: 1.599 min Scan# 90
Delta R.T. -0.003 min
Lab File: VU062030.D
Acq: 25 Nov 2024 18:12

Instrument :
MSVOA_U
ClientSampleId :

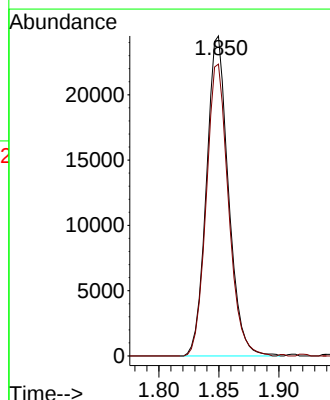
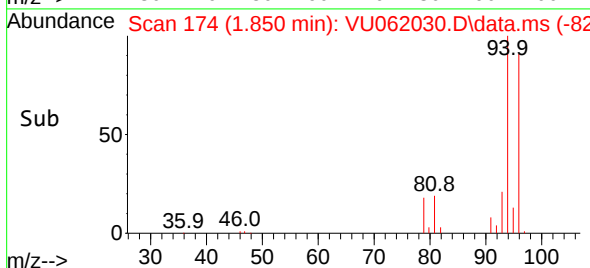
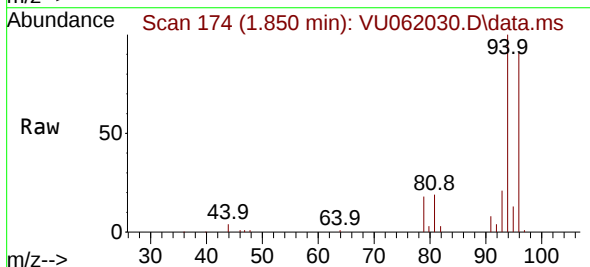


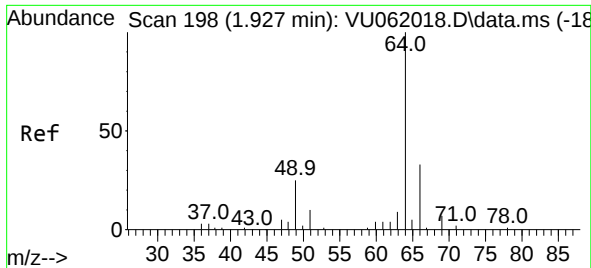
Tgt Ion: 62 Resp: 49434
Ion Ratio Lower Upper
62 100
64 35.1 23.1 42.9



#6
Bromomethane
Concen: 4.177 ug/L
RT: 1.850 min Scan# 174
Delta R.T. -0.003 min
Lab File: VU062030.D
Acq: 25 Nov 2024 18:12

Tgt Ion: 94 Resp: 31318
Ion Ratio Lower Upper
94 100
96 91.2 64.5 119.9

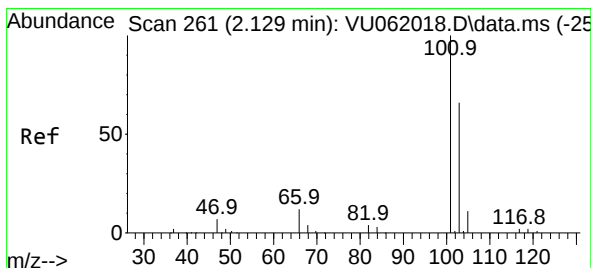
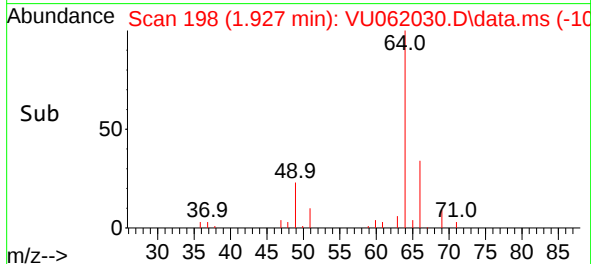
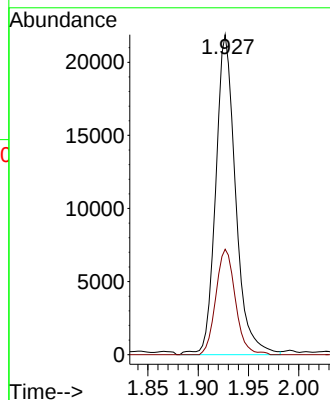
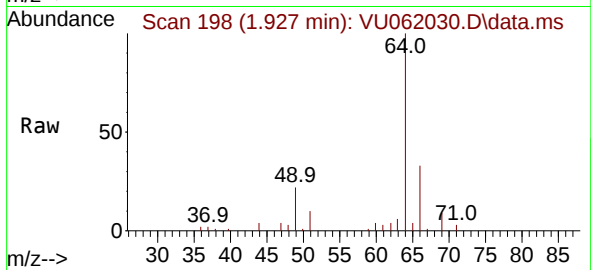




#8
Chloroethane
Concen: 3.704 ug/L
RT: 1.927 min Scan# 198
Delta R.T. -0.000 min
Lab File: VU062030.D
Acq: 25 Nov 2024 18:12

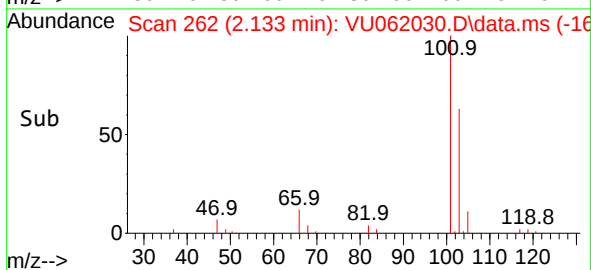
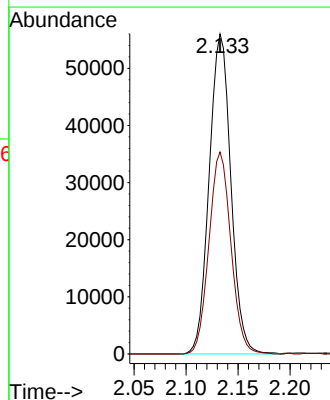
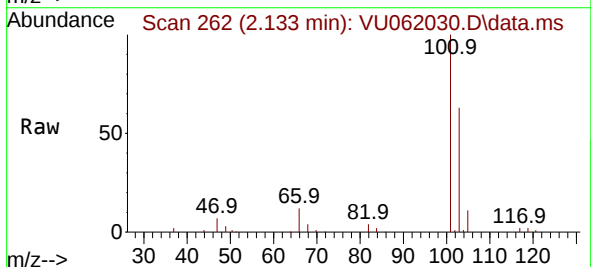
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MSVOA_U
ClientSampleId :

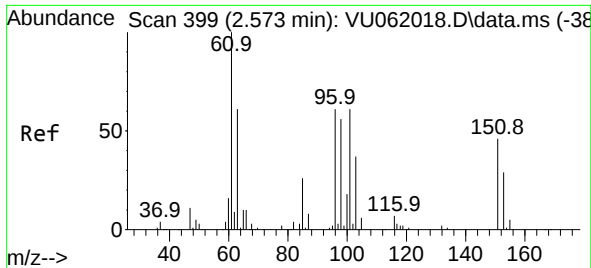
Tgt Ion: 64 Resp: 30083
Ion Ratio Lower Upper
64 100
66 32.9 23.2 43.2



#9
Trichlorofluoromethane
Concen: 5.112 ug/L
RT: 2.133 min Scan# 262
Delta R.T. -0.000 min
Lab File: VU062030.D
Acq: 25 Nov 2024 18:12

Tgt Ion:101 Resp: 81443
Ion Ratio Lower Upper
101 100
103 63.7 50.6 75.8

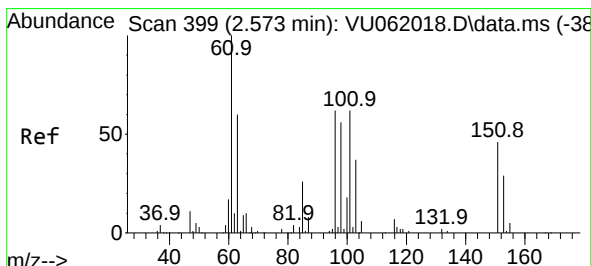
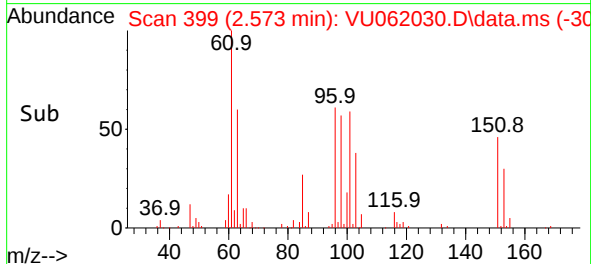
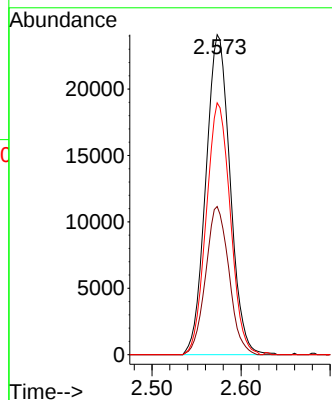
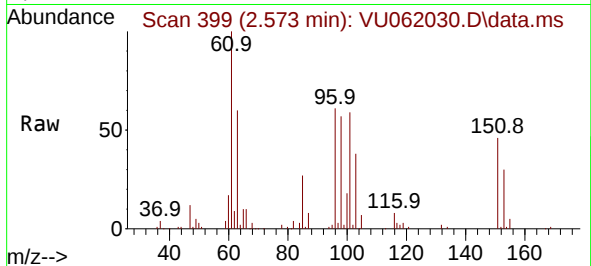




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 4.648 ug/L
RT: 2.573 min Scan# 399
Delta R.T. -0.003 min
Lab File: VU062030.D
Acq: 25 Nov 2024 18:12

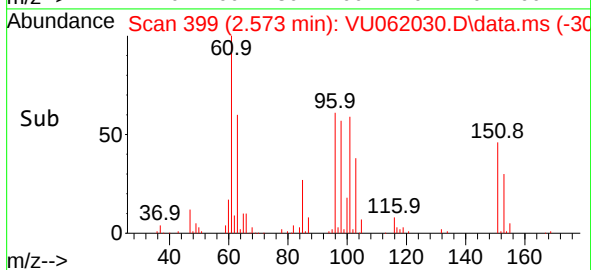
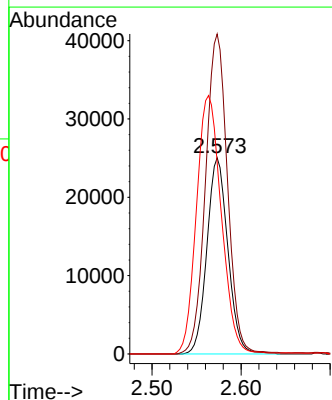
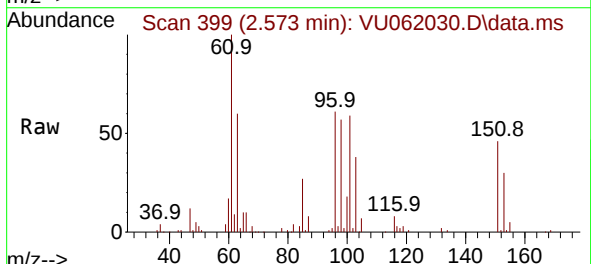
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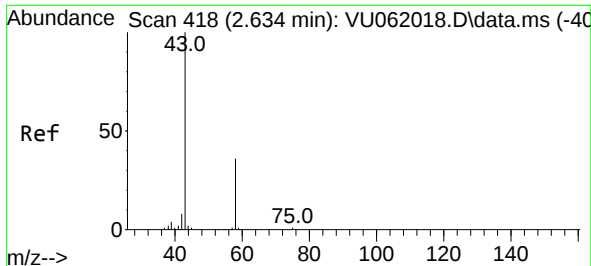
Tgt Ion:	101	Resp:	45566
Ion	Ratio	Lower	Upper
101	100		
85	44.5	38.0	57.0
151	78.0	55.3	82.9



#12
1,1-Dichloroethene
Concen: 4.483 ug/L
RT: 2.573 min Scan# 399
Delta R.T. -0.000 min
Lab File: VU062030.D
Acq: 25 Nov 2024 18:12

Tgt Ion:	96	Resp:	40875
Ion	Ratio	Lower	Upper
96	100		
61	163.2	119.6	222.2
63	97.8	65.0	120.6





#13

Acetone

Concen: 40.119 ug/L

RT: 2.621 min Scan# 41

Delta R.T. -0.006 min

Lab File: VU062030.D

Acq: 25 Nov 2024 18:12

Instrument :

MSVOA_U

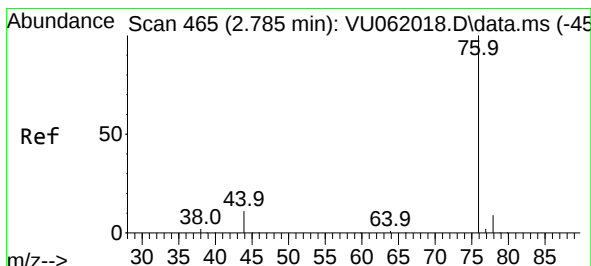
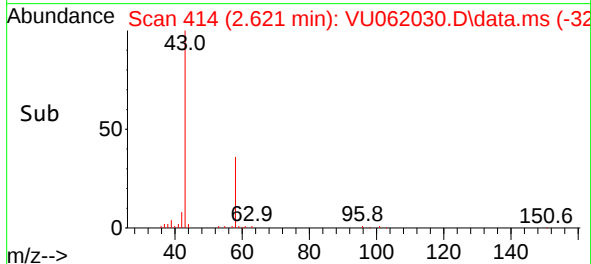
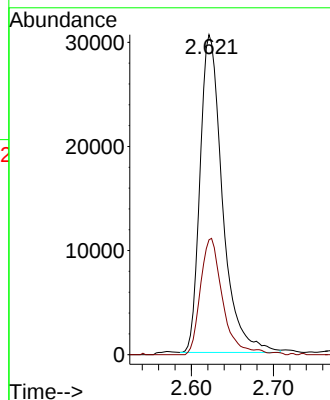
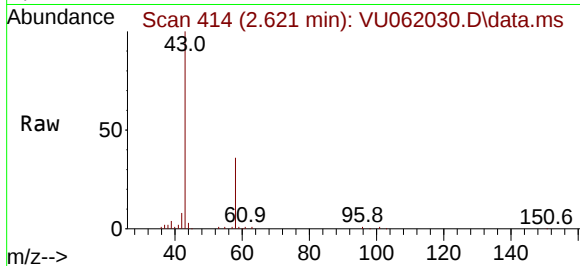
ClientSampleId :

Tgt Ion: 43 Resp: 58003

Ion Ratio Lower Upper

43 100

58 36.2 0.0 64.0



#14

Carbon disulfide

Concen: 4.262 ug/L

RT: 2.785 min Scan# 465

Delta R.T. -0.003 min

Lab File: VU062030.D

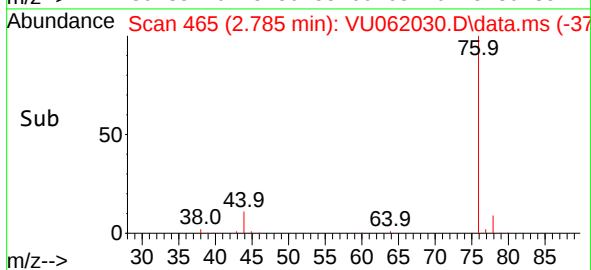
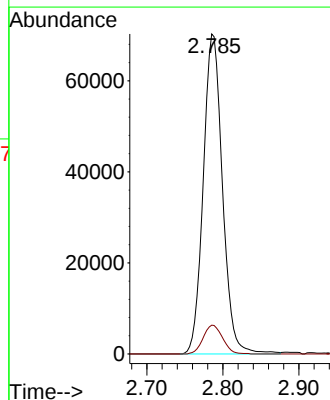
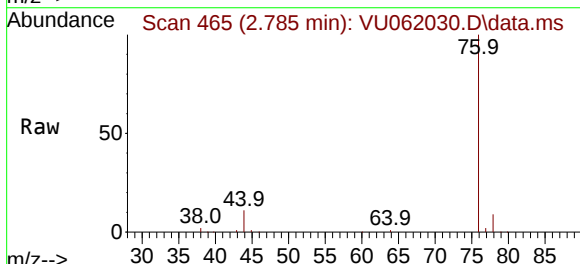
Acq: 25 Nov 2024 18:12

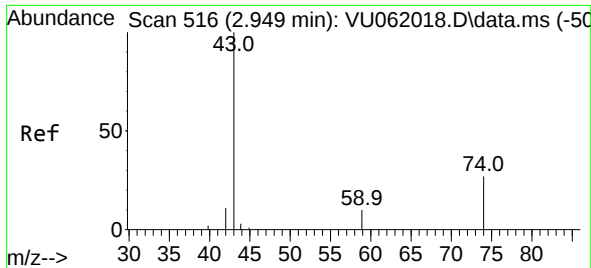
Tgt Ion: 76 Resp: 123611

Ion Ratio Lower Upper

76 100

78 9.0 7.5 11.3

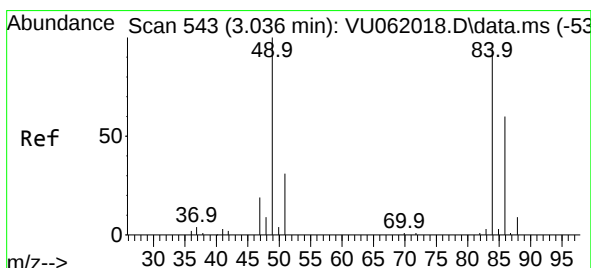
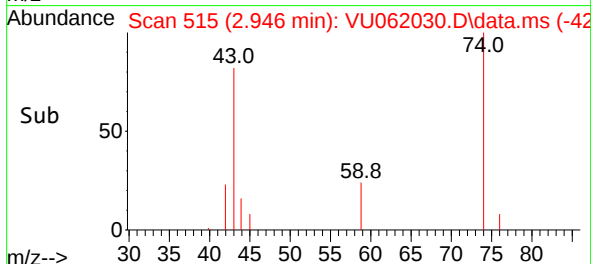
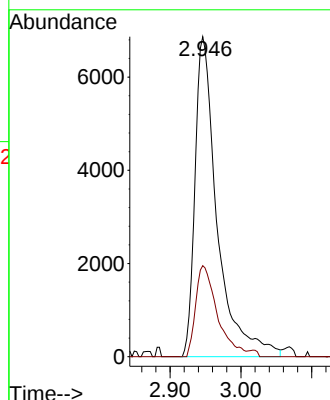
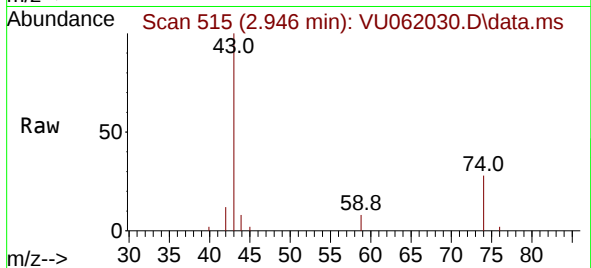




#15
Methyl Acetate
Concen: 4.019 ug/L
RT: 2.946 min Scan# 516
Delta R.T. -0.003 min
Lab File: VU062030.D
Acq: 25 Nov 2024 18:12

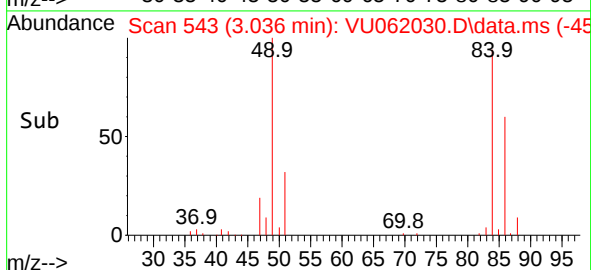
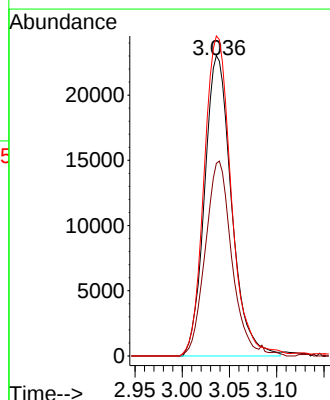
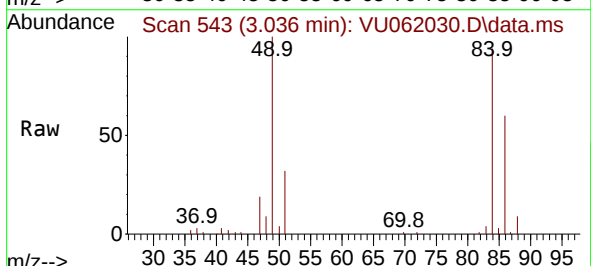
Instrument :
MSVOA_U
ClientSampleId :

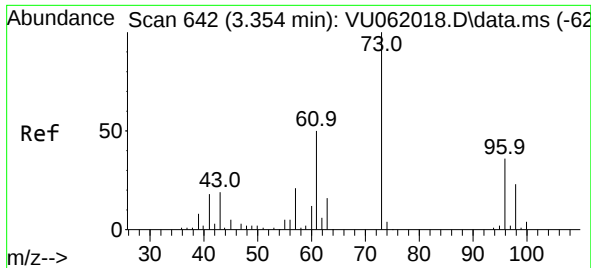
Tgt Ion: 43 Resp: 14919
Ion Ratio Lower Upper
43 100
74 27.6 19.4 29.2



#16
Methylene chloride
Concen: 4.167 ug/L
RT: 3.036 min Scan# 543
Delta R.T. -0.000 min
Lab File: VU062030.D
Acq: 25 Nov 2024 18:12

Tgt Ion: 84 Resp: 45617
Ion Ratio Lower Upper
84 100
86 64.1 43.5 80.7
49 106.5 81.9 152.1

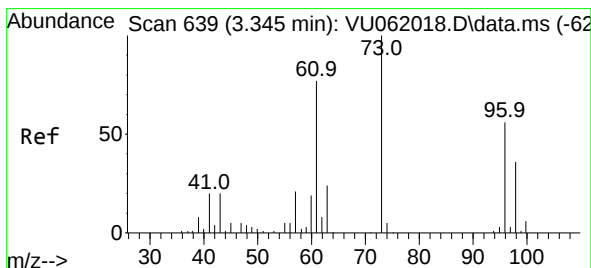
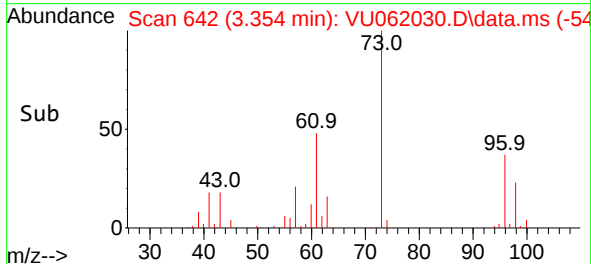
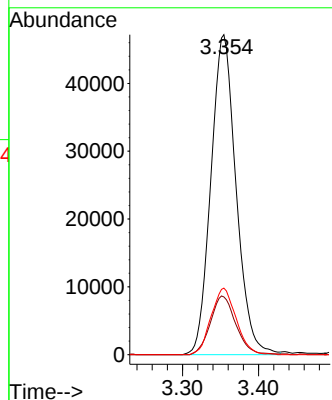
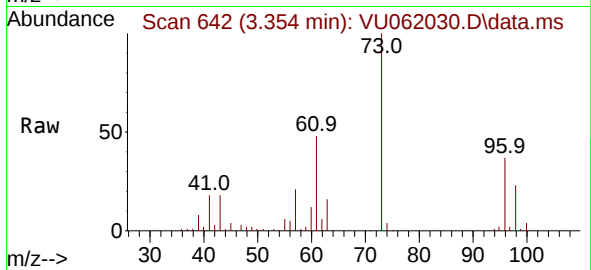




#17
Methyl tert-butyl Ether
Concen: 4.649 ug/L
RT: 3.354 min Scan# 642
Delta R.T. -0.000 min
Lab File: VU062030.D
Acq: 25 Nov 2024 18:12

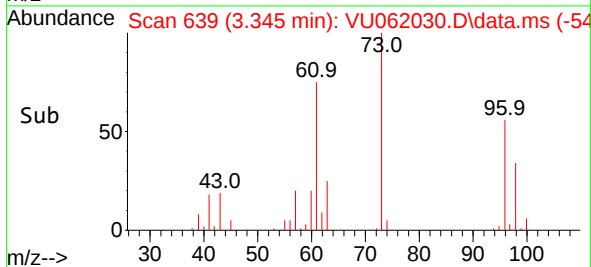
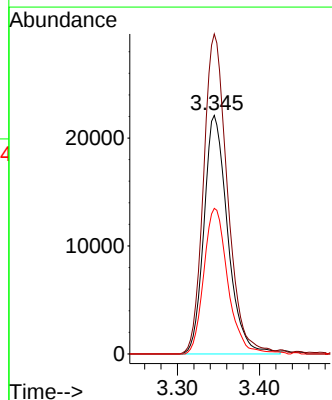
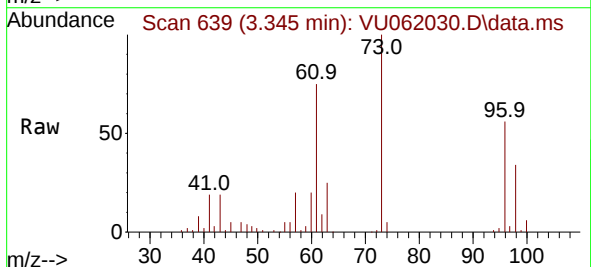
Instrument :
MSVOA_U
ClientSampleId :

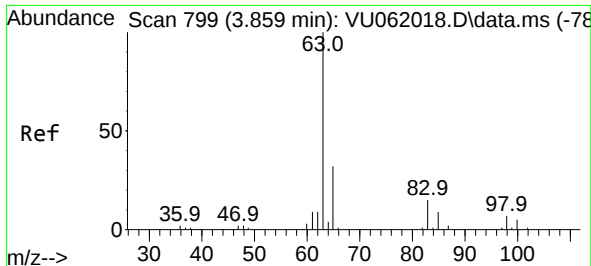
Tgt Ion: 73 Resp: 108636
Ion Ratio Lower Upper
73 100
43 18.6 16.3 24.5
57 20.7 17.1 25.7



#18
trans-1,2-Dichloroethene
Concen: 4.615 ug/L
RT: 3.345 min Scan# 639
Delta R.T. -0.003 min
Lab File: VU062030.D
Acq: 25 Nov 2024 18:12

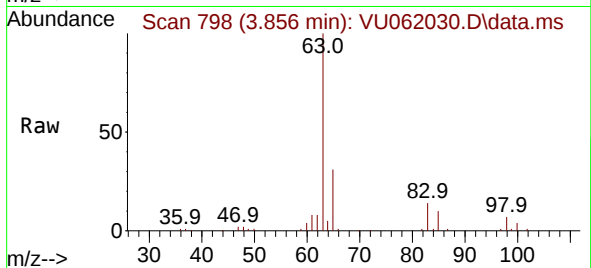
Tgt Ion: 96 Resp: 44474
Ion Ratio Lower Upper
96 100
61 134.1 104.2 193.4
98 61.0 45.7 84.9



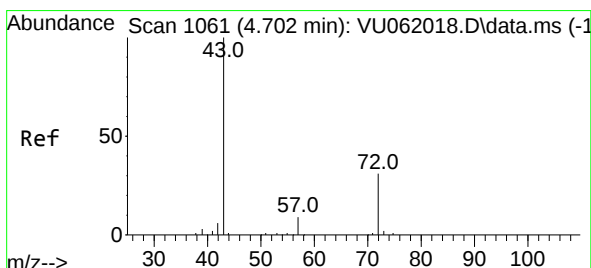
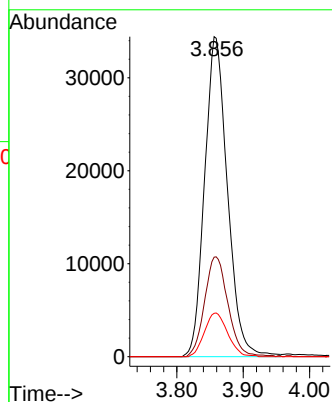
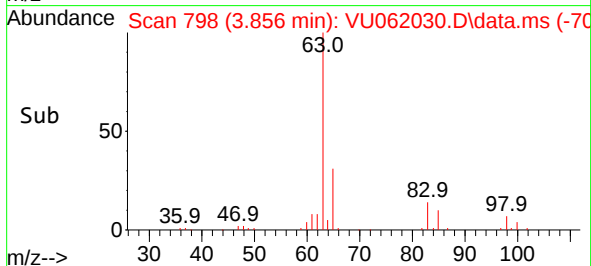


#19
1,1-Dichloroethane
Concen: 4.382 ug/L
RT: 3.856 min Scan# 799
Delta R.T. -0.003 min
Lab File: VU062030.D
Acq: 25 Nov 2024 18:12

Instrument :
MSVOA_U
ClientSampleId :

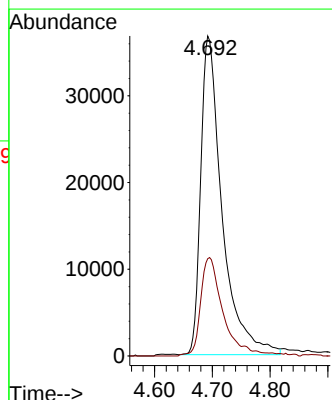
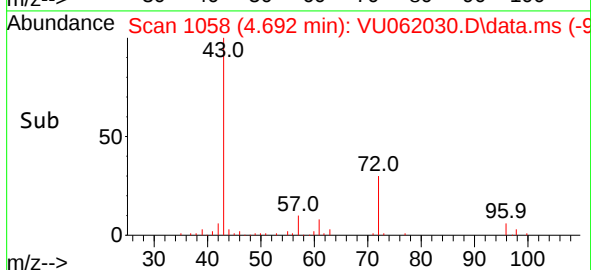
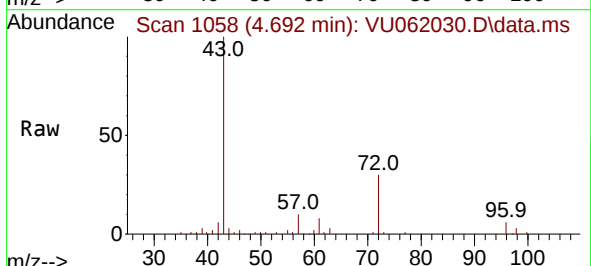


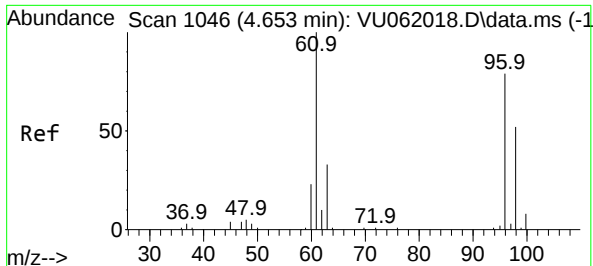
Tgt Ion: 63 Resp: 82270
Ion Ratio Lower Upper
63 100
65 31.1 22.7 42.3
83 13.5 9.9 18.3



#21
2-Butanone
Concen: 40.432 ug/L
RT: 4.692 min Scan# 1058
Delta R.T. -0.006 min
Lab File: VU062030.D
Acq: 25 Nov 2024 18:12

Tgt Ion: 43 Resp: 94474
Ion Ratio Lower Upper
43 100
72 32.6 14.8 44.4

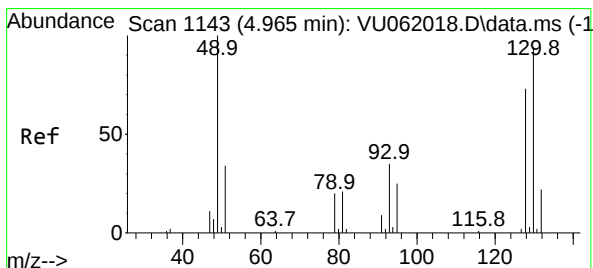
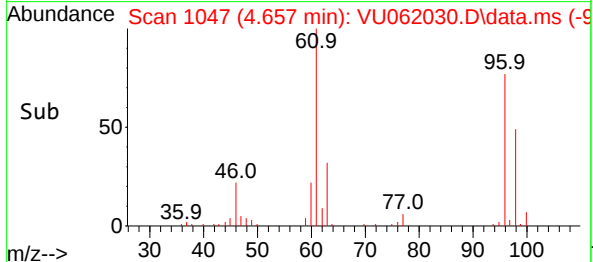
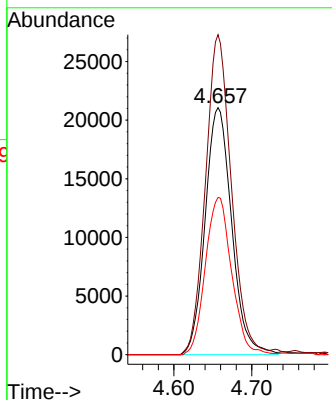
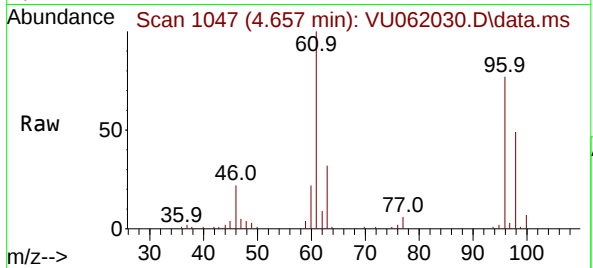




#22
 cis-1,2-Dichloroethene
 Concen: 4.604 ug/L
 RT: 4.657 min Scan# 1047
 Delta R.T. -0.000 min
 Lab File: VU062030.D
 Acq: 25 Nov 2024 18:12

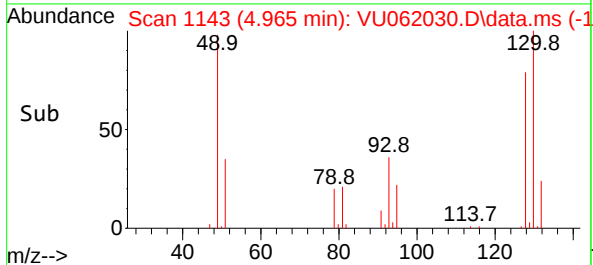
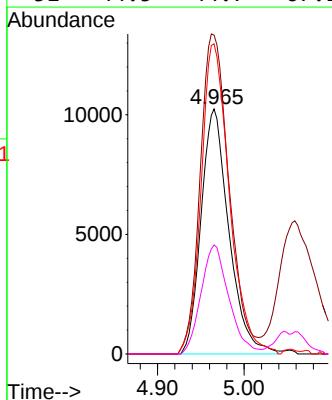
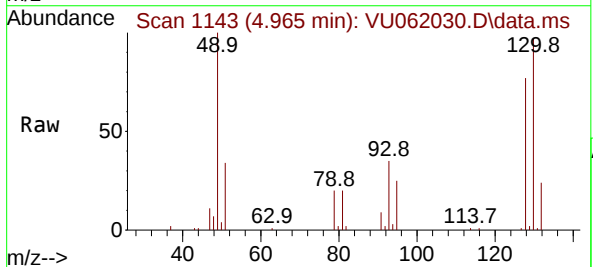
Instrument :
 MSVOA_U
 ClientSampleId :

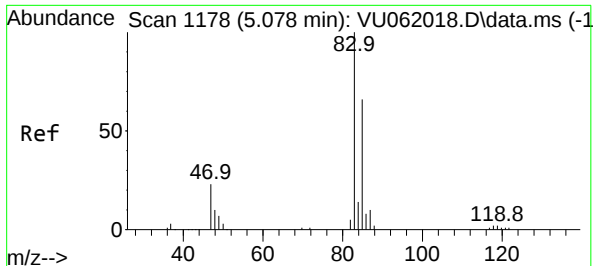
Tgt Ion: 96 Resp: 49931
 Ion Ratio Lower Upper
 96 100
 61 129.5 92.0 170.8
 98 63.6 44.5 82.7



#23
 Bromochloromethane
 Concen: 4.838 ug/L
 RT: 4.965 min Scan# 1143
 Delta R.T. -0.000 min
 Lab File: VU062030.D
 Acq: 25 Nov 2024 18:12

Tgt Ion: 128 Resp: 22811
 Ion Ratio Lower Upper
 128 100
 49 130.1 115.3 214.1
 130 126.6 92.0 170.8
 51 44.5 44.7 67.1#





#25

Chloroform

Concen: 4.595 ug/L

RT: 5.078 min Scan# 1178

Delta R.T. -0.000 min

Lab File: VU062030.D

Acq: 25 Nov 2024 18:12

Instrument :

MSVOA_U

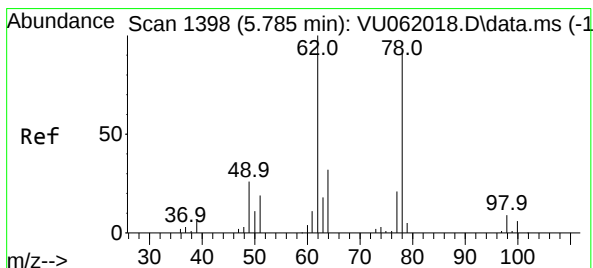
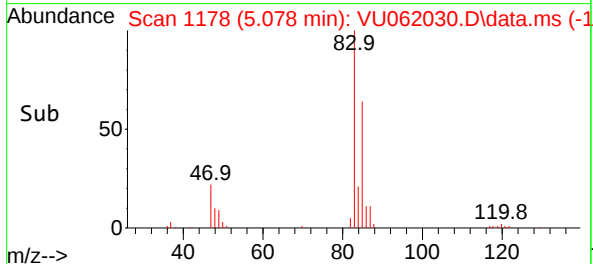
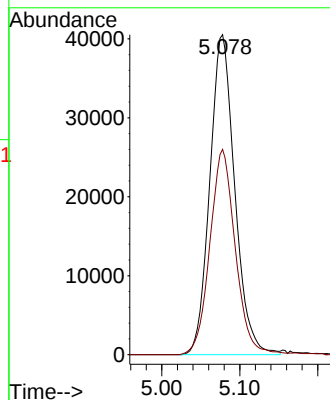
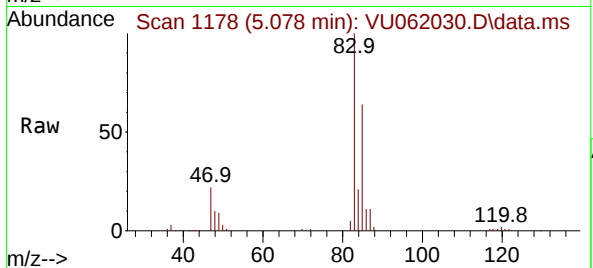
ClientSampleId :

Tgt Ion: 83 Resp: 90180

Ion Ratio Lower Upper

83 100

85 64.2 45.4 84.2



#27

1,2-Dichloroethane

Concen: 4.490 ug/L

RT: 5.785 min Scan# 1398

Delta R.T. -0.000 min

Lab File: VU062030.D

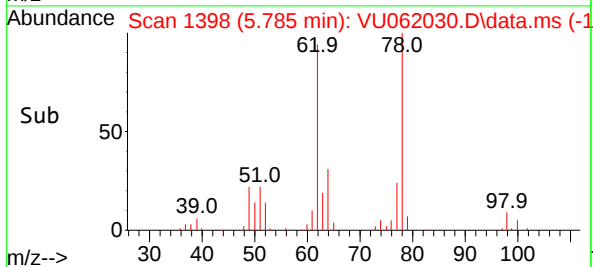
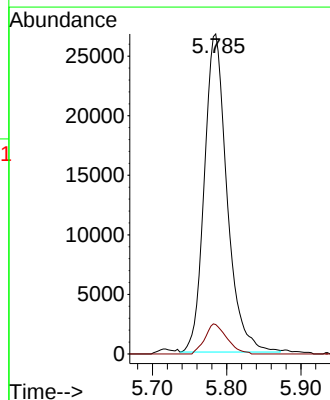
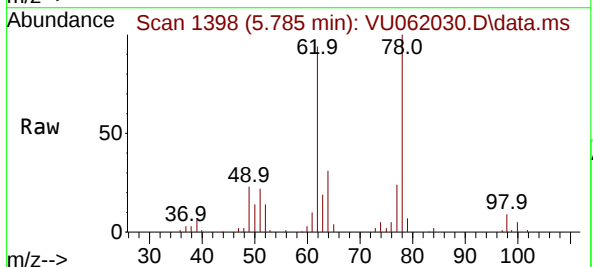
Acq: 25 Nov 2024 18:12

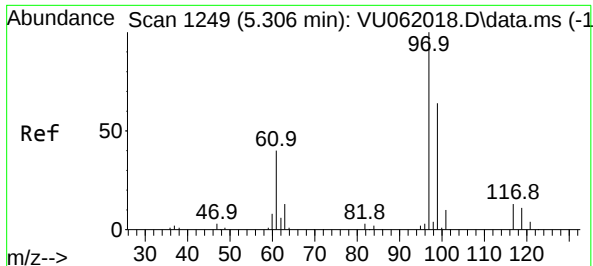
Tgt Ion: 62 Resp: 56686

Ion Ratio Lower Upper

62 100

98 9.2 7.4 11.0

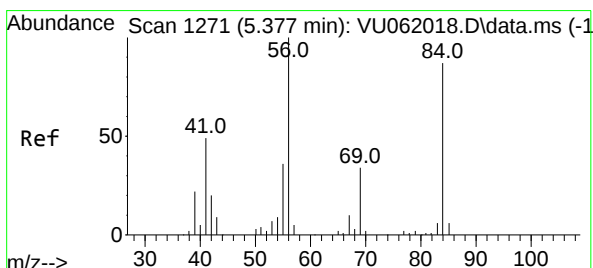
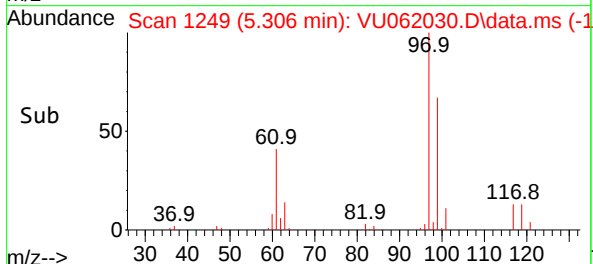
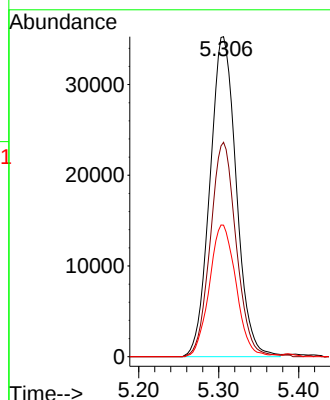
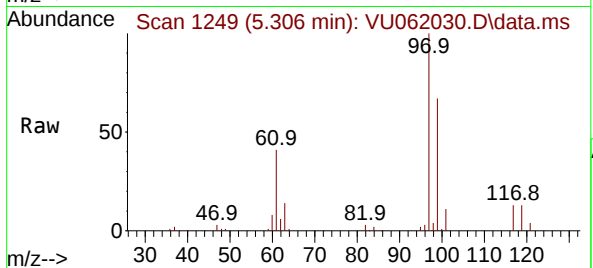




#29
1,1,1-Trichloroethane
Concen: 5.488 ug/L
RT: 5.306 min Scan# 1249
Delta R.T. -0.000 min
Lab File: VU062030.D
Acq: 25 Nov 2024 18:12

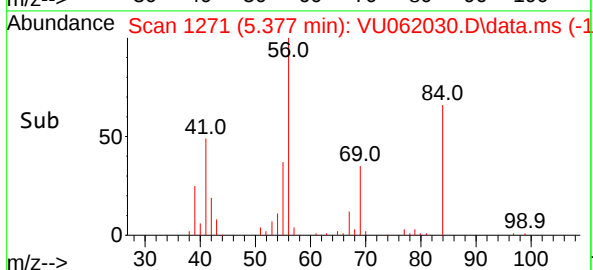
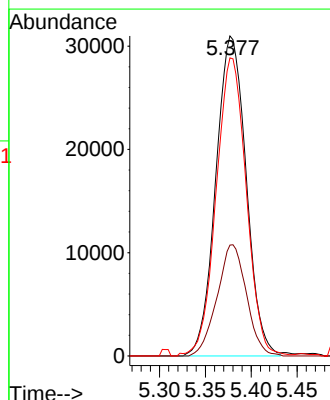
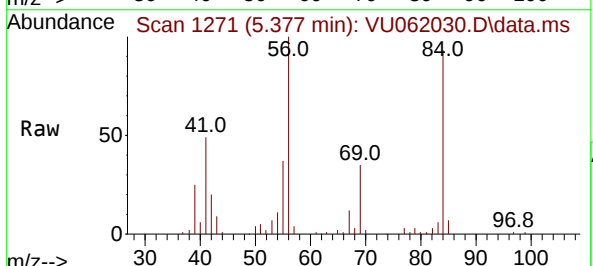
Instrument :
MSVOA_U
ClientSampleId :

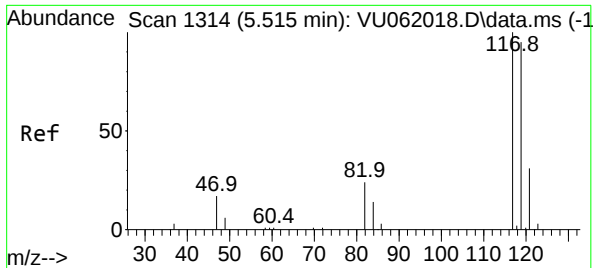
Tgt Ion: 97	Resp: 80796
Ion Ratio	Lower Upper
97 100	
99 65.9	51.4 77.2
61 41.5	37.8 56.6



#30
Cyclohexane
Concen: 4.622 ug/L
RT: 5.377 min Scan# 1271
Delta R.T. -0.000 min
Lab File: VU062030.D
Acq: 25 Nov 2024 18:12

Tgt Ion: 56	Resp: 71166
Ion Ratio	Lower Upper
56 100	
69 33.7	25.1 37.7
84 92.4	70.6 105.8

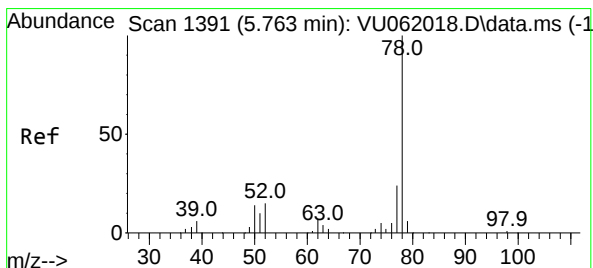
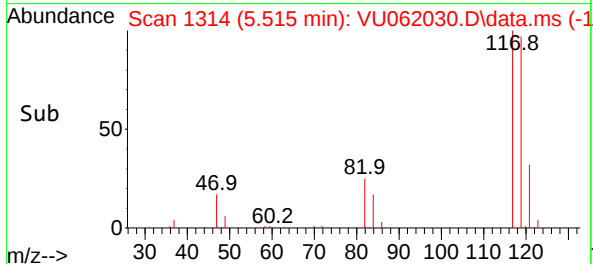
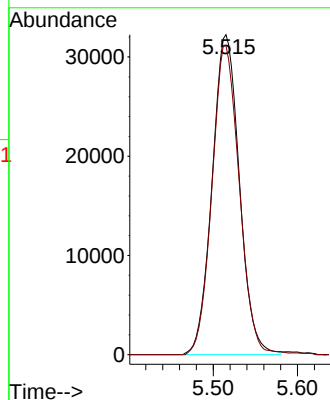
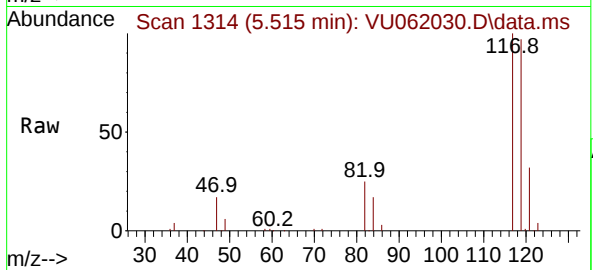




#31
Carbon tetrachloride
Concen: 5.785 ug/L
RT: 5.515 min Scan# 1314
Delta R.T. -0.000 min
Lab File: VU062030.D
Acq: 25 Nov 2024 18:12

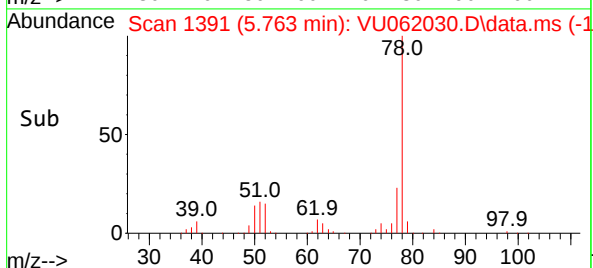
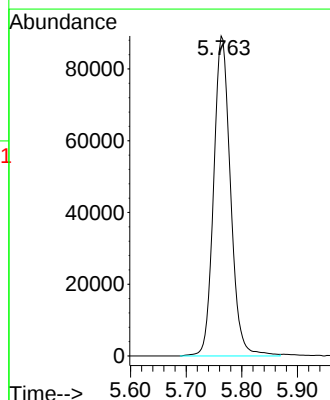
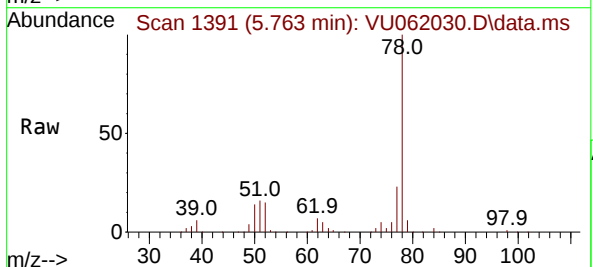
Instrument :
MSVOA_U
ClientSampleId :

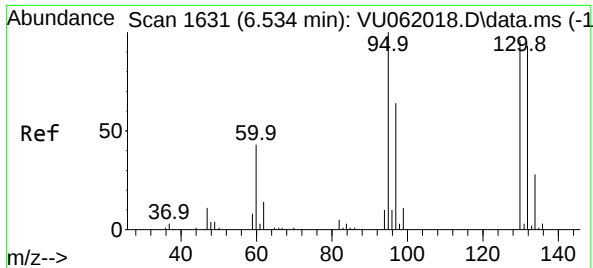
Tgt Ion:117 Resp: 72319
Ion Ratio Lower Upper
117 100
119 96.7 77.5 116.3



#33
Benzene
Concen: 4.871 ug/L
RT: 5.763 min Scan# 1391
Delta R.T. -0.003 min
Lab File: VU062030.D
Acq: 25 Nov 2024 18:12

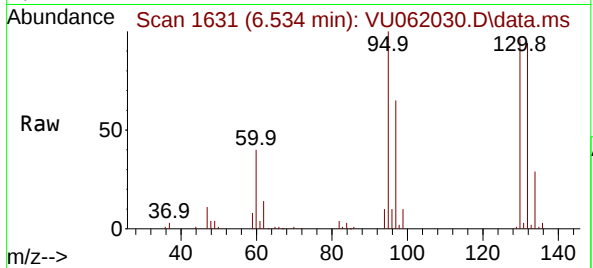
Tgt Ion: 78 Resp: 187874



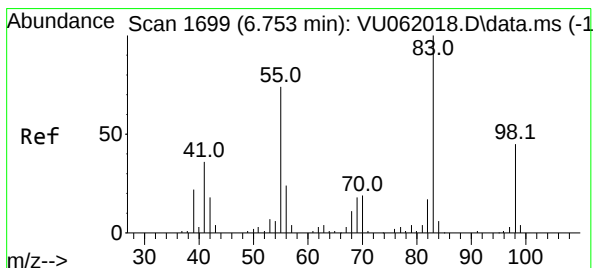
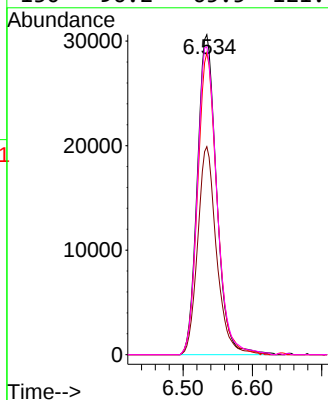
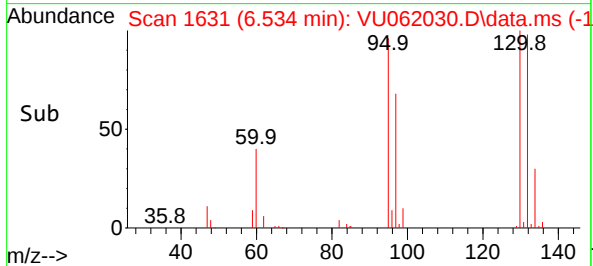


#34
Trichloroethene
Concen: 5.742 ug/L
RT: 6.534 min Scan# 1631
Delta R.T. -0.000 min
Lab File: VU062030.D
Acq: 25 Nov 2024 18:12

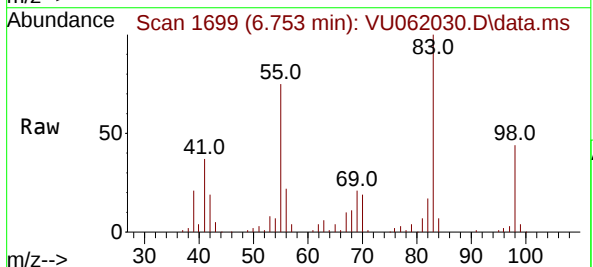
Instrument :
MSVOA_U
ClientSampleId :



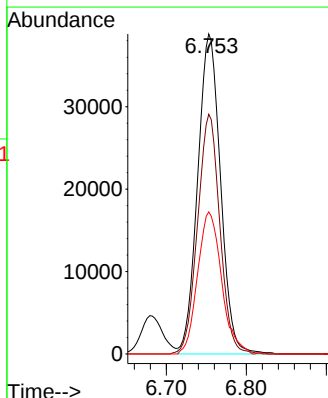
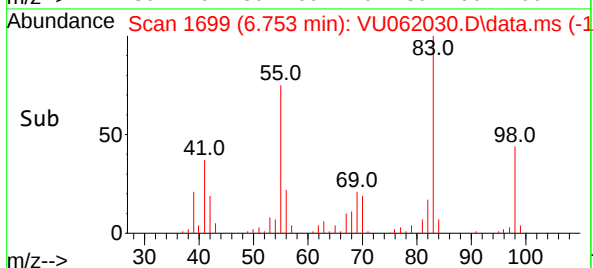
Tgt Ion: 95 Resp: 59110
Ion Ratio Lower Upper
95 100
97 65.0 45.9 85.3
132 94.3 63.8 118.4
130 96.2 65.5 121.7

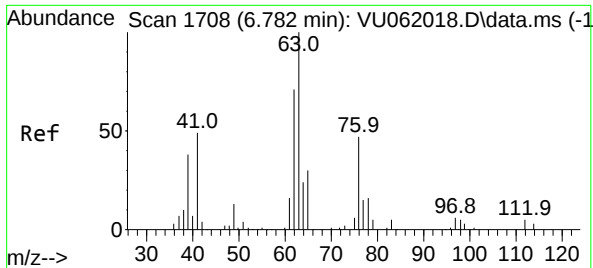


#35
Methylcyclohexane
Concen: 4.898 ug/L
RT: 6.753 min Scan# 1699
Delta R.T. -0.000 min
Lab File: VU062030.D
Acq: 25 Nov 2024 18:12



Tgt Ion: 83 Resp: 77136
Ion Ratio Lower Upper
83 100
55 73.0 60.7 91.1
98 46.6 34.8 52.2

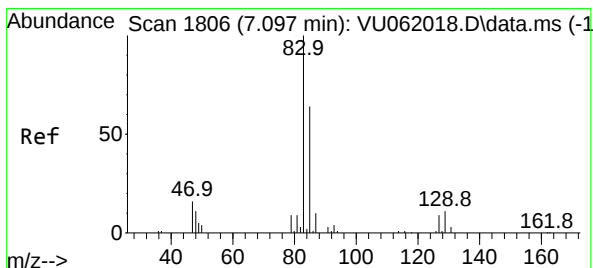
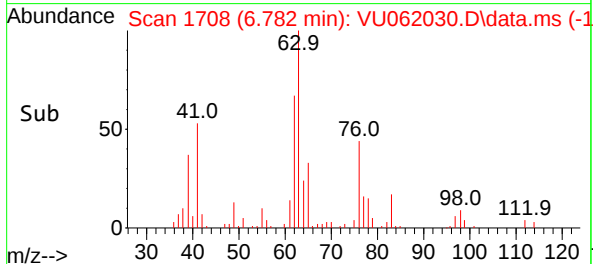
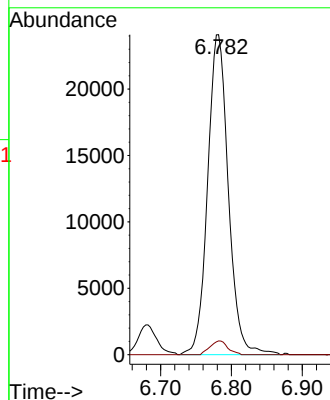
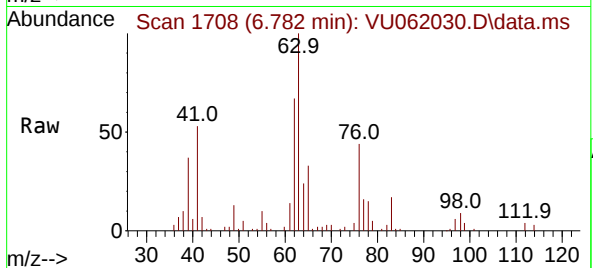




#37
1,2-Dichloropropane
Concen: 4.883 ug/L
RT: 6.782 min Scan# 1708
Delta R.T. -0.000 min
Lab File: VU062030.D
Acq: 25 Nov 2024 18:12

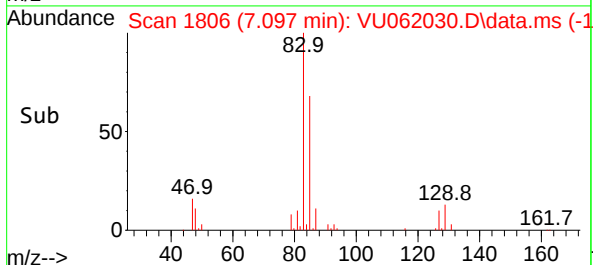
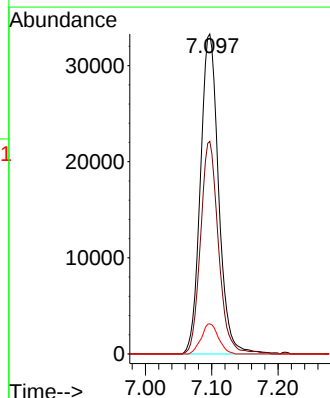
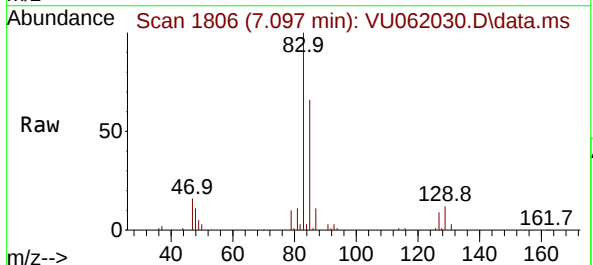
Instrument :
MSVOA_U
ClientSampleId :

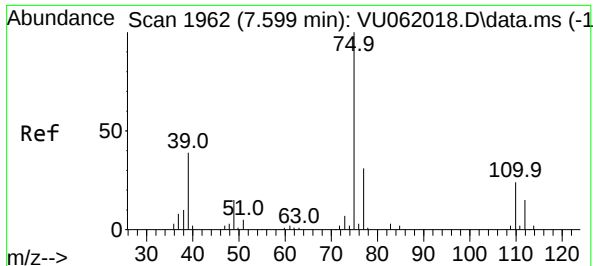
Tgt Ion: 63 Resp: 48934
Ion Ratio Lower Upper
63 100
112 3.7 3.4 5.0



#38
Bromodichloromethane
Concen: 5.235 ug/L
RT: 7.097 min Scan# 1806
Delta R.T. -0.000 min
Lab File: VU062030.D
Acq: 25 Nov 2024 18:12

Tgt Ion: 83 Resp: 63626
Ion Ratio Lower Upper
83 100
85 66.5 44.1 81.9
127 9.4 6.9 10.3

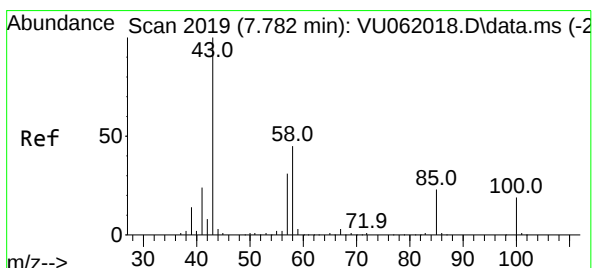
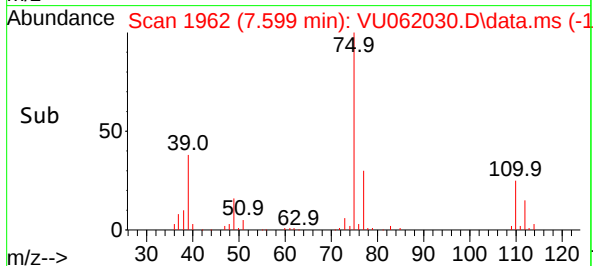
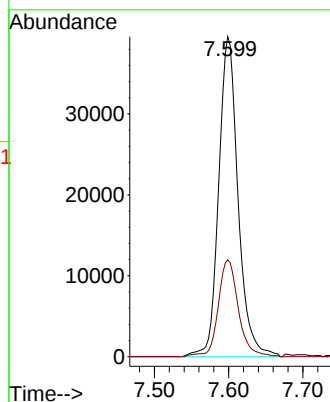
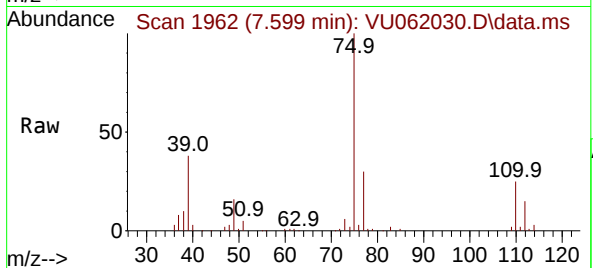




#39
 cis-1,3-Dichloropropene
 Concen: 5.109 ug/L
 RT: 7.599 min Scan# 1962
 Delta R.T. -0.000 min
 Lab File: VU062030.D
 Acq: 25 Nov 2024 18:12

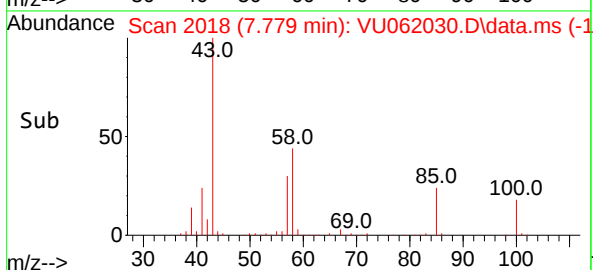
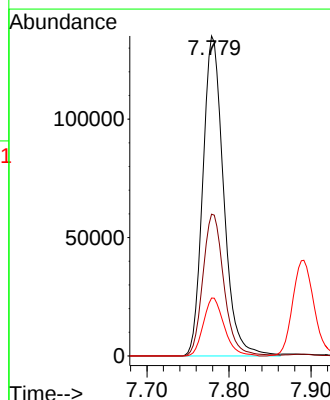
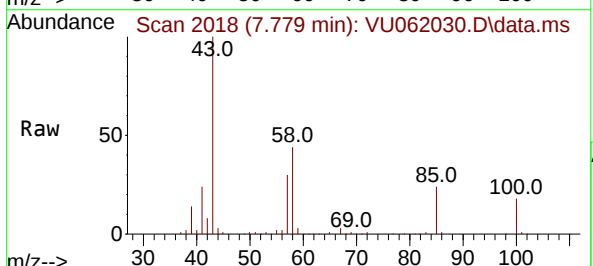
Instrument :
 MSVOA_U
 ClientSampleId :

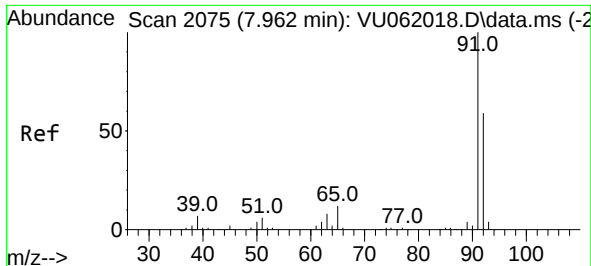
Tgt Ion: 75 Resp: 71789
 Ion Ratio Lower Upper
 75 100
 77 30.3 22.3 41.3



#40
 4-Methyl-2-pentanone
 Concen: 44.035 ug/L
 RT: 7.779 min Scan# 2018
 Delta R.T. -0.003 min
 Lab File: VU062030.D
 Acq: 25 Nov 2024 18:12

Tgt Ion: 43 Resp: 238096
 Ion Ratio Lower Upper
 43 100
 58 45.0 33.3 49.9
 100 18.1 12.4 18.6





#42

Toluene

Concen: 5.039 ug/L

RT: 7.962 min Scan# 2075

Delta R.T. -0.000 min

Lab File: VU062030.D

Acq: 25 Nov 2024 18:12

Instrument :

MSVOA_U

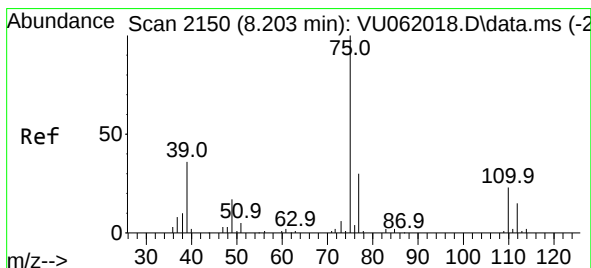
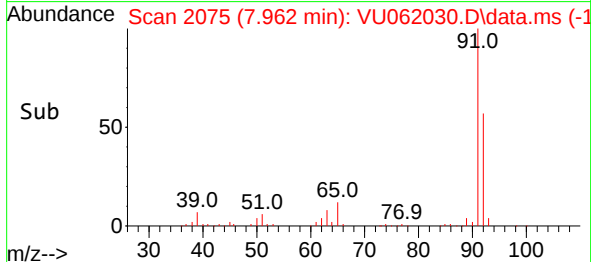
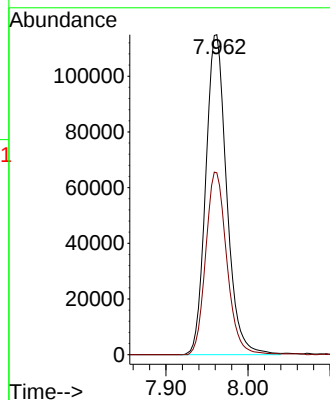
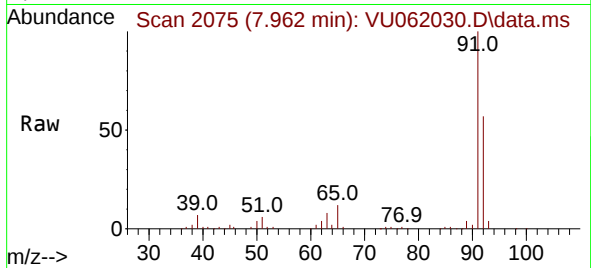
ClientSampleId :

Tgt Ion: 91 Resp: 203986

Ion Ratio Lower Upper

91 100

92 56.9 39.0 72.4



#44

trans-1,3-Dichloropropene

Concen: 5.267 ug/L

RT: 8.203 min Scan# 2150

Delta R.T. -0.000 min

Lab File: VU062030.D

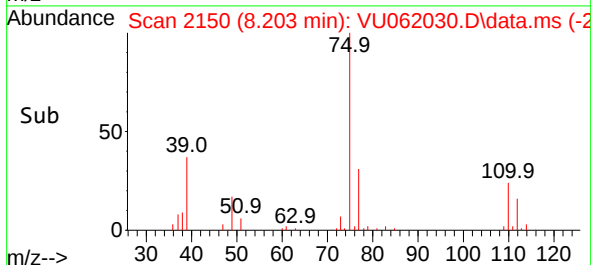
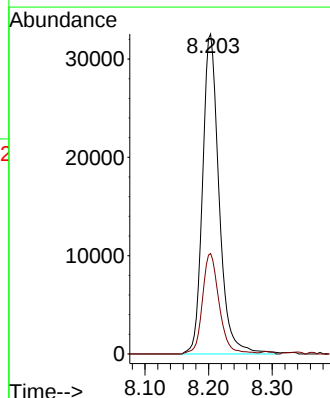
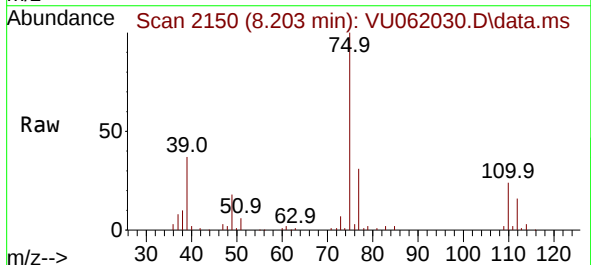
Acq: 25 Nov 2024 18:12

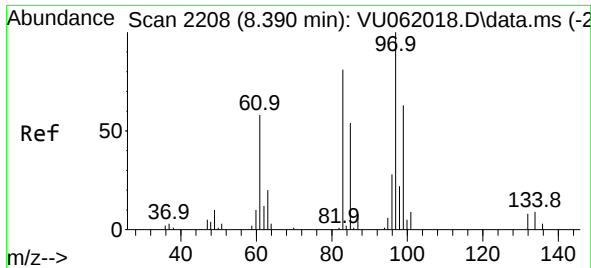
Tgt Ion: 75 Resp: 58772

Ion Ratio Lower Upper

75 100

77 31.4 21.8 40.4



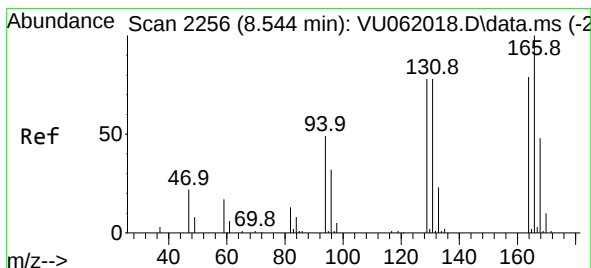
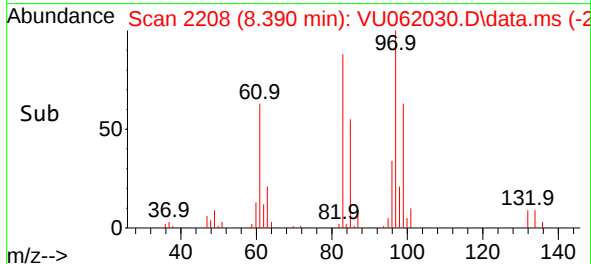
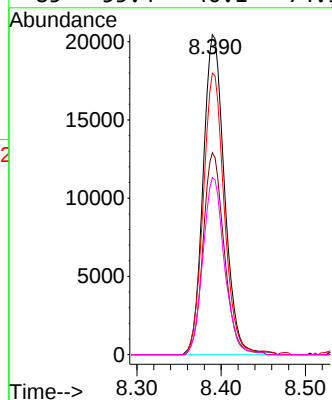
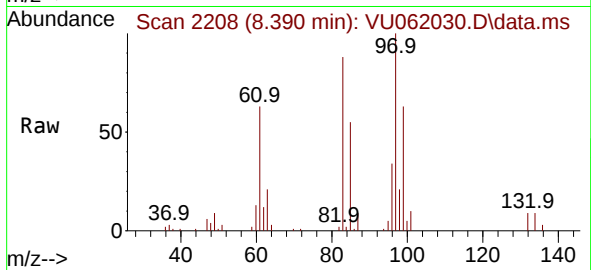


#45
1,1,2-Trichloroethane
Concen: 4.887 ug/L
RT: 8.390 min Scan# 21
Delta R.T. -0.003 min
Lab File: VU062030.D
Acq: 25 Nov 2024 18:12

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 97 Resp: 36075

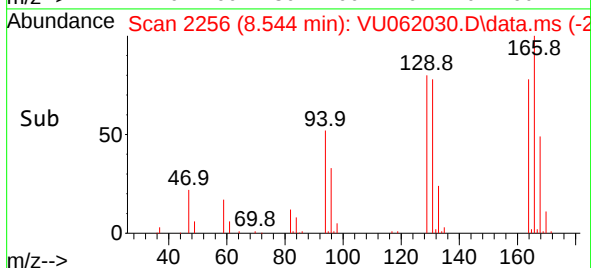
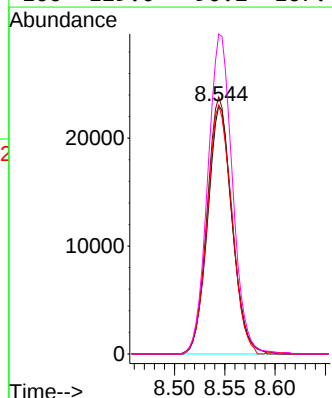
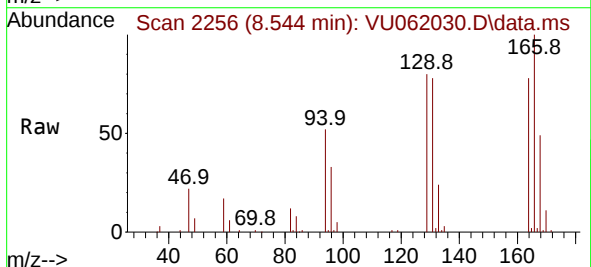
Ion	Ratio	Lower	Upper
97	100		
99	63.1	43.0	79.8
83	88.0	61.7	114.5
85	55.4	40.1	74.5

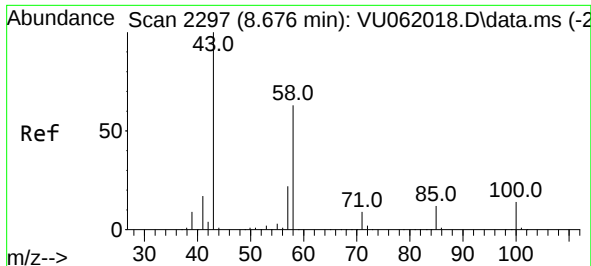


#47
Tetrachloroethene
Concen: 5.238 ug/L
RT: 8.544 min Scan# 2256
Delta R.T. -0.000 min
Lab File: VU062030.D
Acq: 25 Nov 2024 18:12

Tgt Ion: 164 Resp: 39219

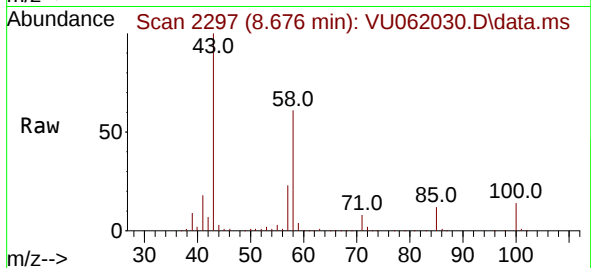
Ion	Ratio	Lower	Upper
164	100		
129	103.6	73.2	136.0
131	100.3	72.3	134.3
166	129.0	90.2	167.4



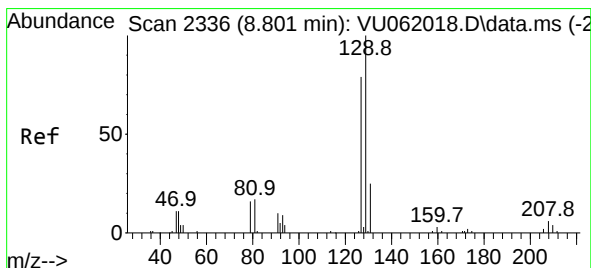
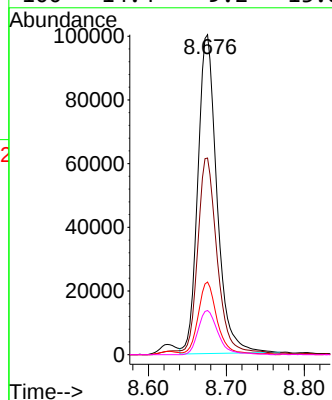
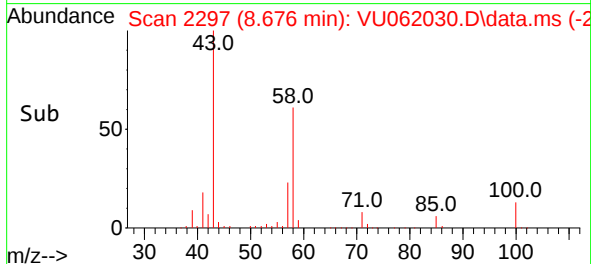


#48
2-Hexanone
Concen: 42.187 ug/L
RT: 8.676 min Scan# 2297
Delta R.T. -0.000 min
Lab File: VU062030.D
Acq: 25 Nov 2024 18:12

Instrument :
MSVOA_U
ClientSampleId :

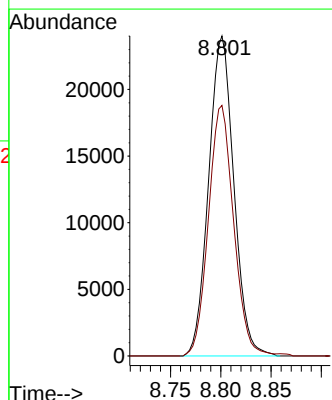
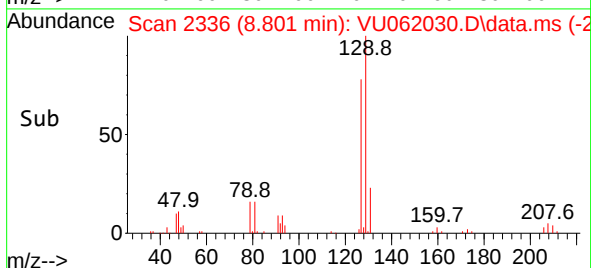
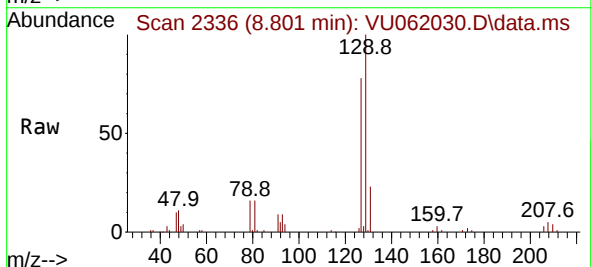


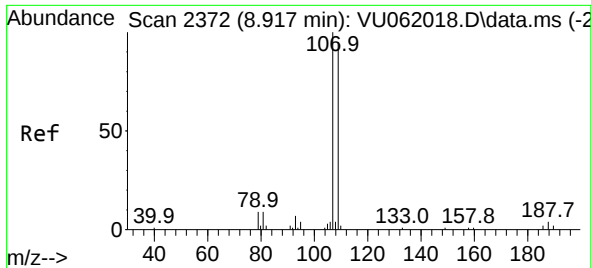
Tgt Ion: 43 Resp: 170831
Ion Ratio Lower Upper
43 100
58 64.5 47.5 71.3
57 22.0 15.6 23.4
100 14.4 9.2 13.8#



#49
Dibromochloromethane
Concen: 5.374 ug/L
RT: 8.801 min Scan# 2336
Delta R.T. 0.003 min
Lab File: VU062030.D
Acq: 25 Nov 2024 18:12

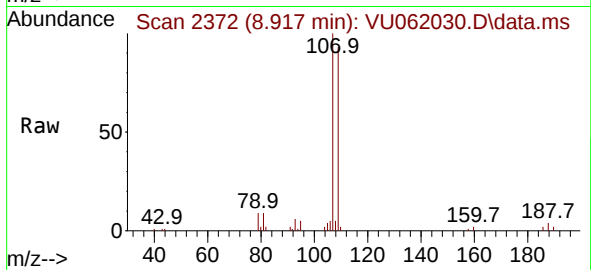
Tgt Ion:129 Resp: 41913
Ion Ratio Lower Upper
129 100
127 78.3 51.1 94.9



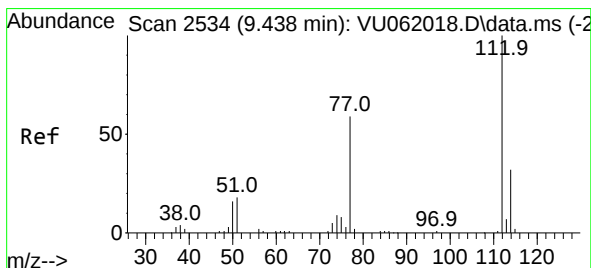
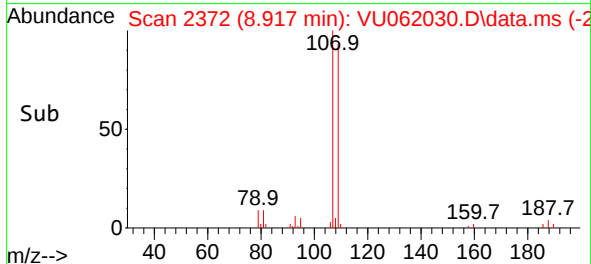
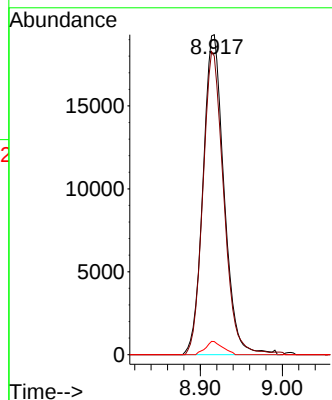


#50
1,2-Dibromoethane
Concen: 4.674 ug/L
RT: 8.917 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU062030.D
Acq: 25 Nov 2024 18:12

Instrument :
MSVOA_U
ClientSampleId :

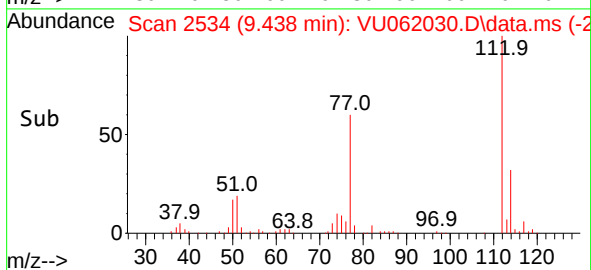
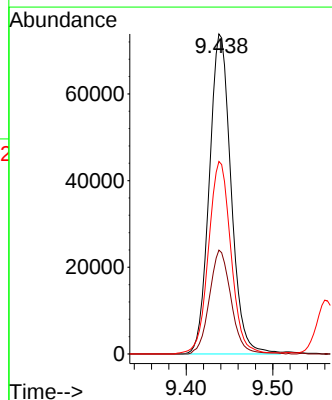
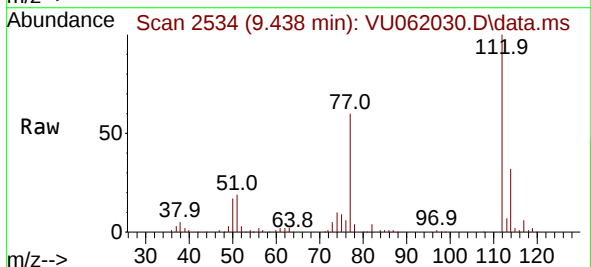


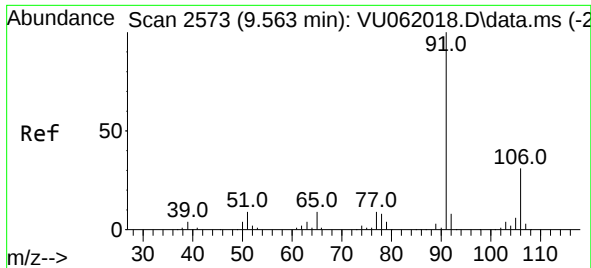
Tgt Ion:107 Resp: 34250
Ion Ratio Lower Upper
107 100
109 93.3 66.8 124.2
188 4.1 2.3 3.5#



#51
Chlorobenzene
Concen: 4.641 ug/L
RT: 9.438 min Scan# 2534
Delta R.T. -0.000 min
Lab File: VU062030.D
Acq: 25 Nov 2024 18:12

Tgt Ion:112 Resp: 128669
Ion Ratio Lower Upper
112 100
114 32.5 23.0 42.6
77 60.2 50.5 75.7

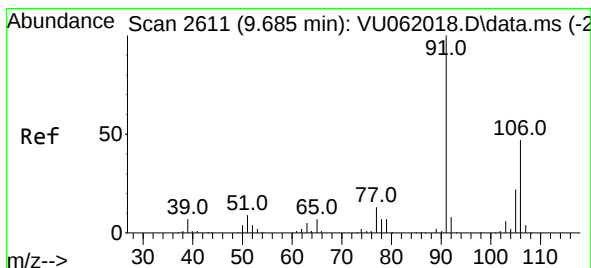
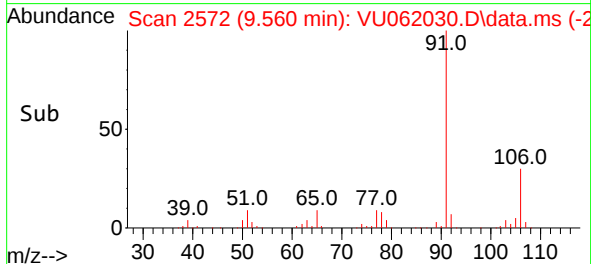
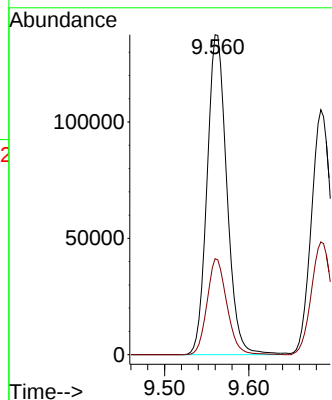
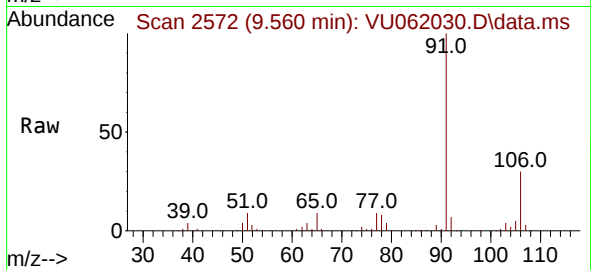




#52
Ethylbenzene
Concen: 4.632 ug/L
RT: 9.560 min Scan# 2573
Delta R.T. -0.000 min
Lab File: VU062030.D
Acq: 25 Nov 2024 18:12

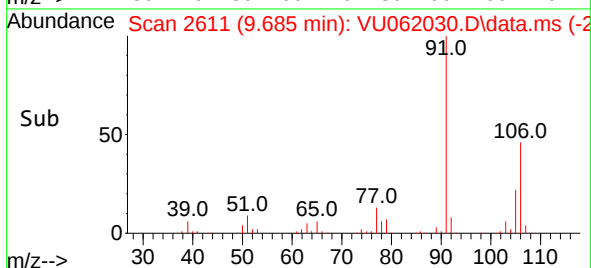
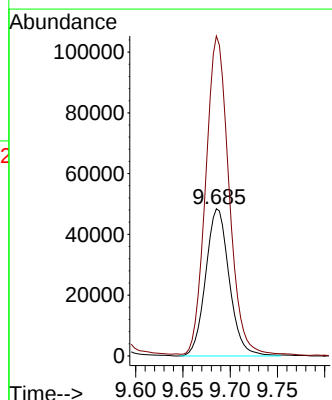
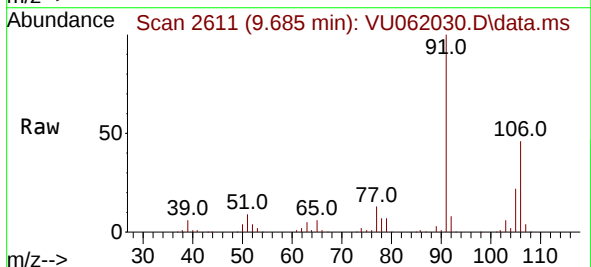
Instrument :
MSVOA_U
ClientSampleId :

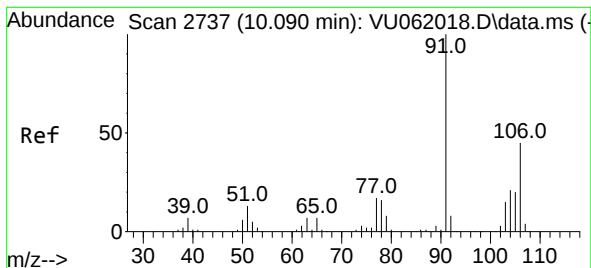
Tgt Ion: 91 Resp: 224390
Ion Ratio Lower Upper
91 100
106 30.0 21.6 40.0



#53
m,p-Xylene
Concen: 4.926 ug/L
RT: 9.685 min Scan# 2611
Delta R.T. -0.000 min
Lab File: VU062030.D
Acq: 25 Nov 2024 18:12

Tgt Ion:106 Resp: 84193
Ion Ratio Lower Upper
106 100
91 217.3 147.6 274.0





#54

o-Xylene

Concen: 4.759 ug/L

RT: 10.090 min Scan# 2737

Delta R.T. -0.003 min

Lab File: VU062030.D

Acq: 25 Nov 2024 18:12

Instrument :

MSVOA_U

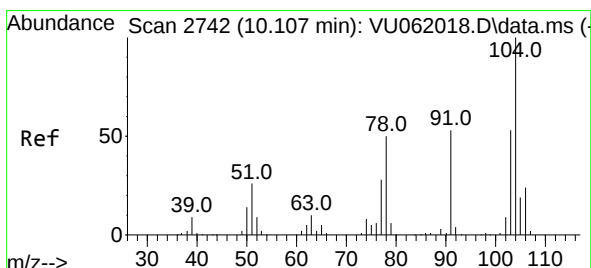
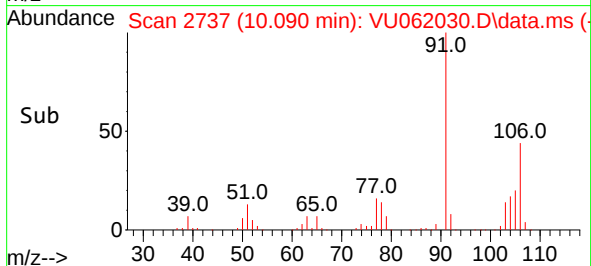
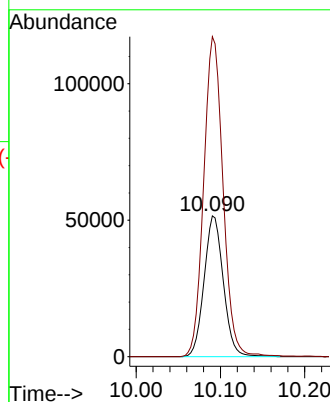
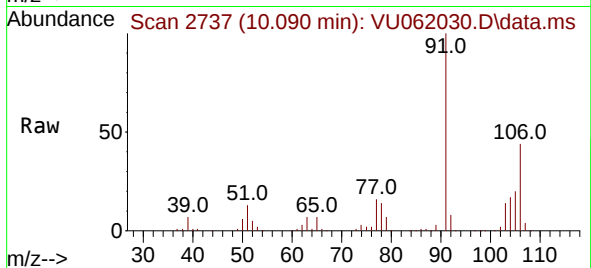
ClientSampleId :

Tgt Ion:106 Resp: 82105

Ion Ratio Lower Upper

106 100

91 227.3 159.8 296.8



#55

Styrene

Concen: 3.960 ug/L

RT: 10.107 min Scan# 2742

Delta R.T. -0.000 min

Lab File: VU062030.D

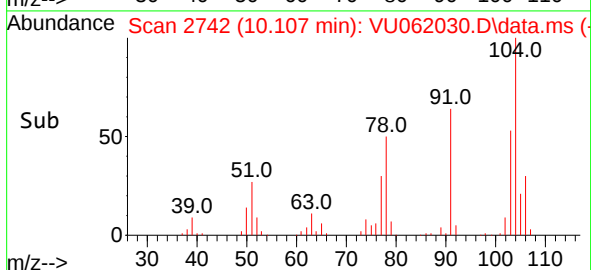
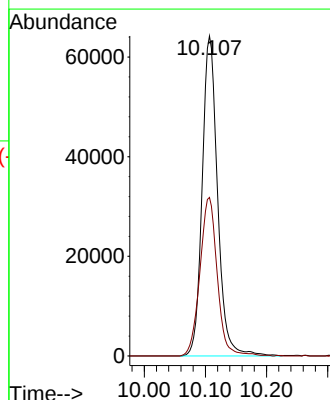
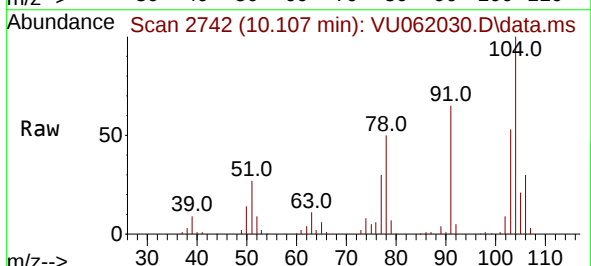
Acq: 25 Nov 2024 18:12

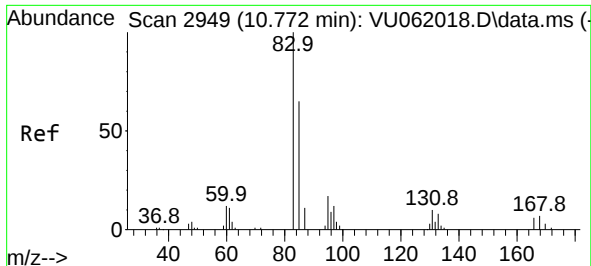
Tgt Ion:104 Resp: 112547

Ion Ratio Lower Upper

104 100

78 49.5 33.2 61.7





#57

1,1,2,2-Tetrachloroethane

Concen: 4.566 ug/L

RT: 10.772 min Scan# 2949

Delta R.T. -0.000 min

Lab File: VU062030.D

Acq: 25 Nov 2024 18:12

Instrument :

MSVOA_U

ClientSampleId :

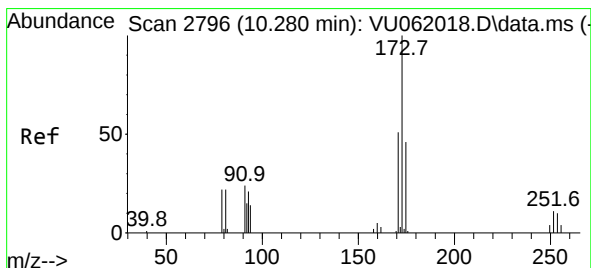
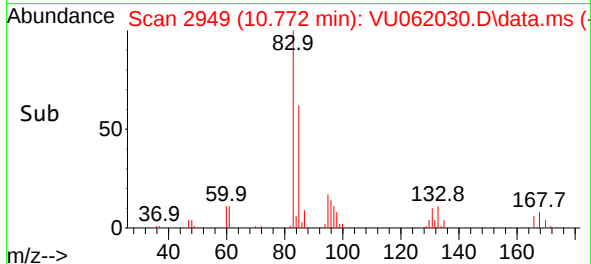
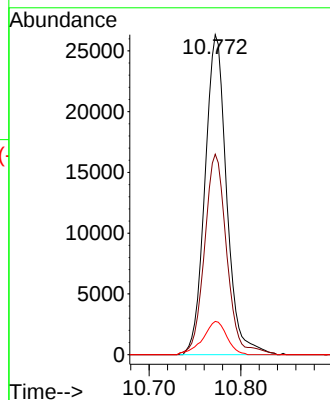
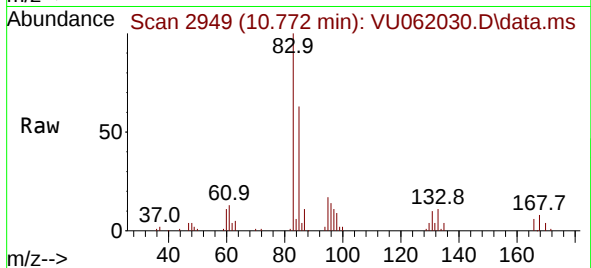
Tgt Ion: 83 Resp: 43195

Ion Ratio Lower Upper

83 100

85 62.7 44.4 82.4

131 10.4 7.3 10.9



#59

Bromoform

Concen: 4.886 ug/L

RT: 10.283 min Scan# 2797

Delta R.T. 0.003 min

Lab File: VU062030.D

Acq: 25 Nov 2024 18:12

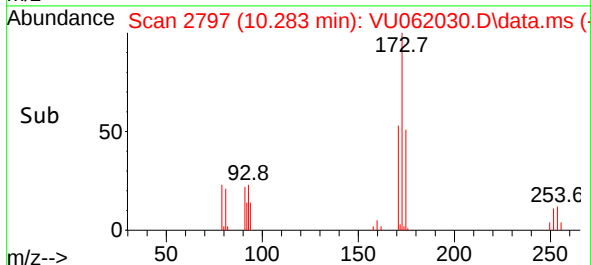
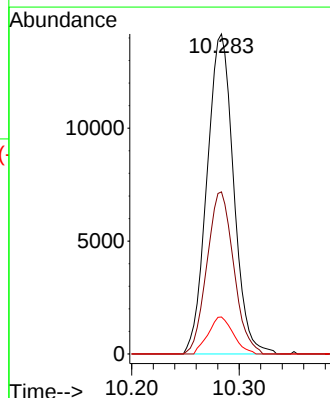
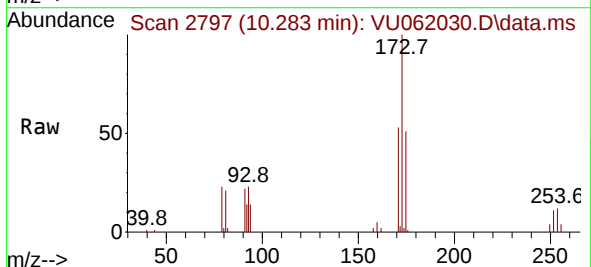
Tgt Ion:173 Resp: 24334

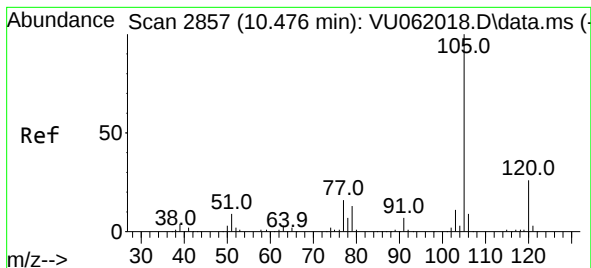
Ion Ratio Lower Upper

173 100

175 51.0 39.0 58.4

254 10.9 7.4 11.0





#60

Isopropylbenzene

Concen: 4.319 ug/L

RT: 10.476 min Scan# 2857

Delta R.T. -0.000 min

Lab File: VU062030.D

Acq: 25 Nov 2024 18:12

Instrument :

MSVOA_U

ClientSampleId :

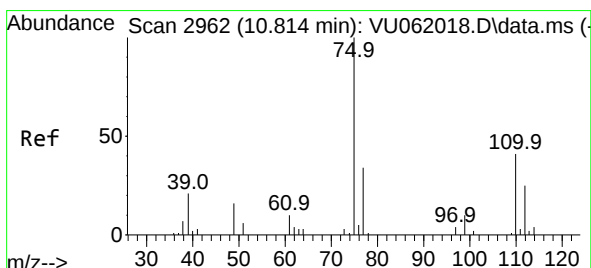
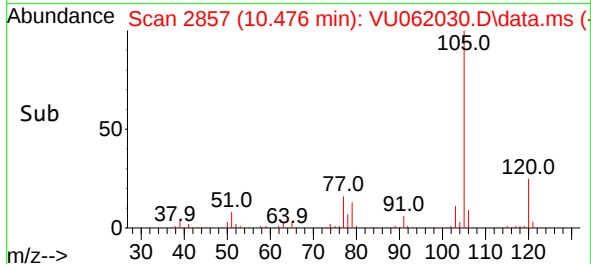
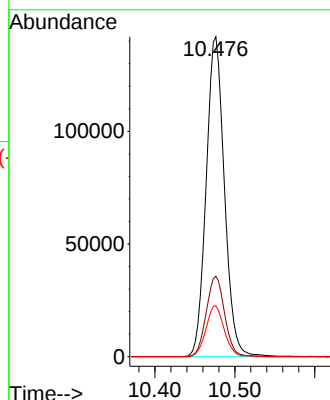
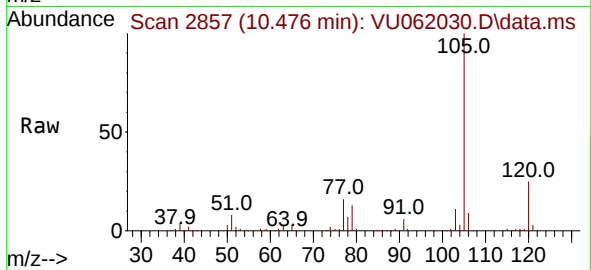
Tgt Ion:105 Resp: 225622

Ion Ratio Lower Upper

105 100

120 25.3 20.6 31.0

77 16.0 13.0 19.6



#61

1,2,3-Trichloropropane

Concen: 3.866 ug/L

RT: 10.814 min Scan# 2962

Delta R.T. -0.000 min

Lab File: VU062030.D

Acq: 25 Nov 2024 18:12

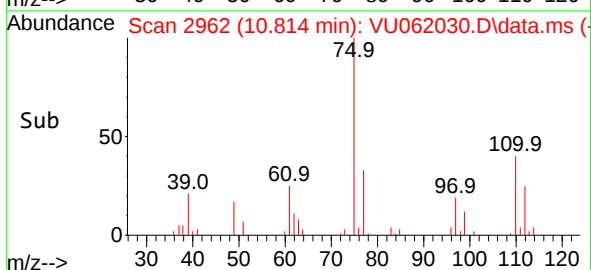
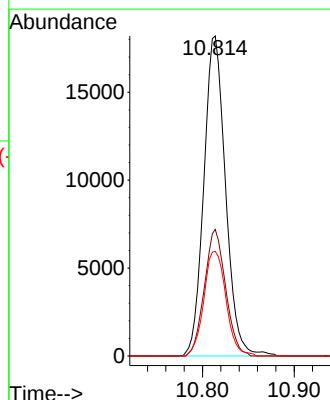
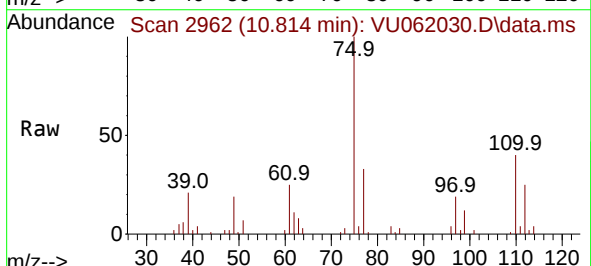
Tgt Ion: 75 Resp: 29945

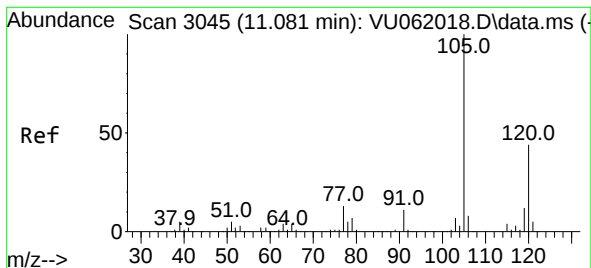
Ion Ratio Lower Upper

75 100

110 38.5 28.9 43.3

77 33.4 26.5 39.7

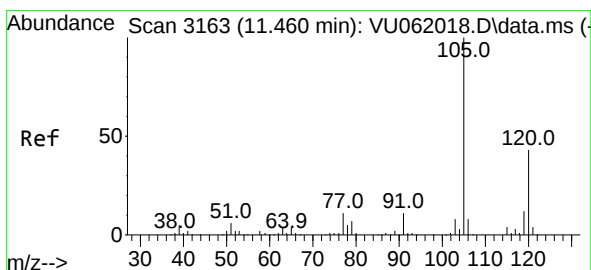
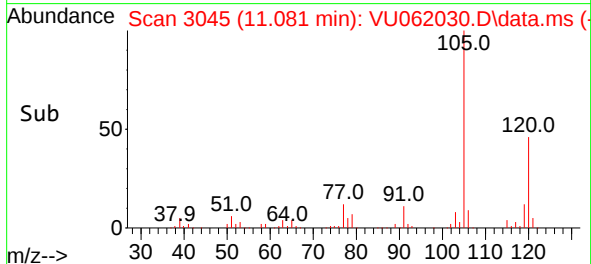
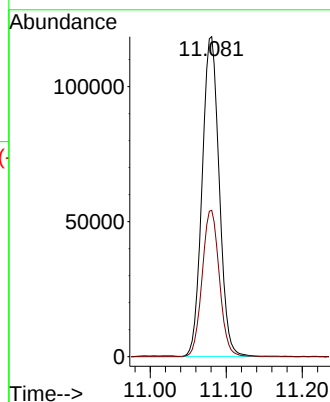
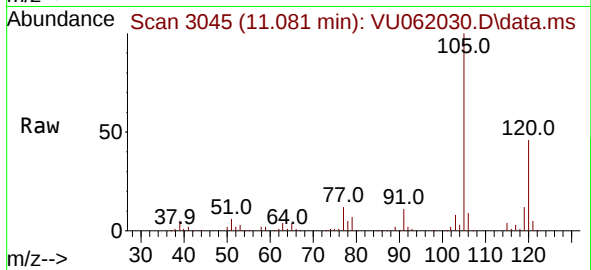




#62
1,3,5-Trimethylbenzene
Concen: 4.434 ug/L
RT: 11.081 min Scan# 3045
Delta R.T. -0.000 min
Lab File: VU062030.D
Acq: 25 Nov 2024 18:12

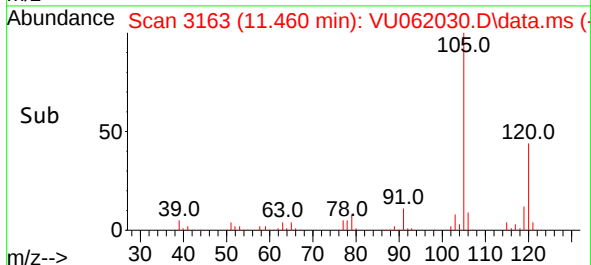
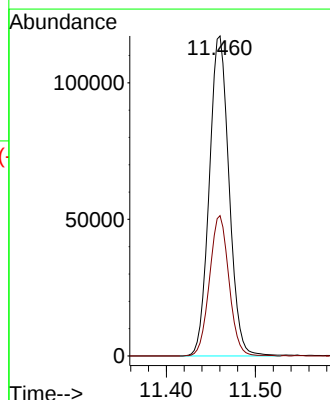
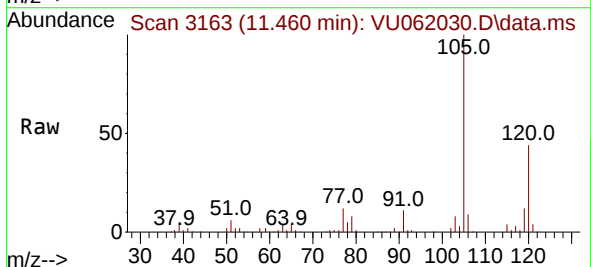
Instrument :
MSVOA_U
ClientSampleId :

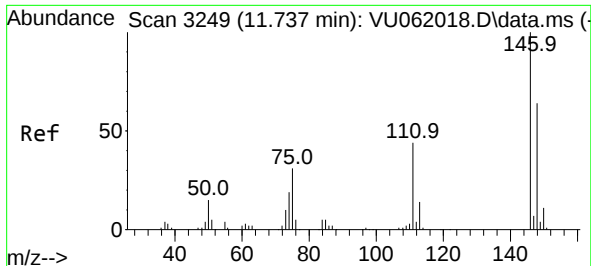
Tgt Ion:105 Resp: 184763
Ion Ratio Lower Upper
105 100
120 46.2 36.7 55.1



#63
1,2,4-Trimethylbenzene
Concen: 4.346 ug/L
RT: 11.460 min Scan# 3163
Delta R.T. -0.000 min
Lab File: VU062030.D
Acq: 25 Nov 2024 18:12

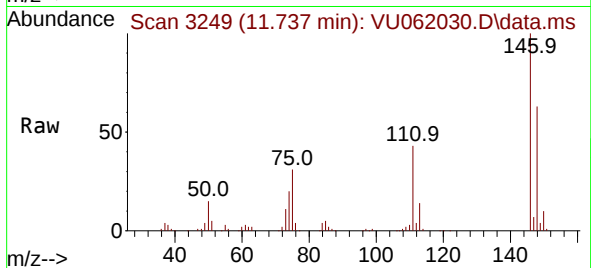
Tgt Ion:105 Resp: 180554
Ion Ratio Lower Upper
105 100
120 43.1 34.7 52.1



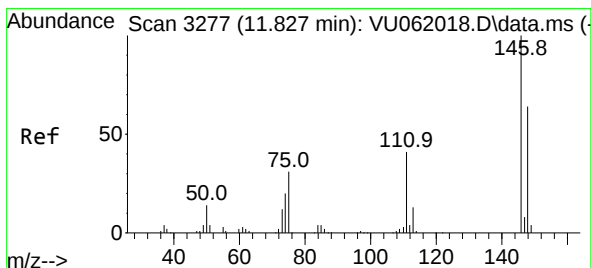
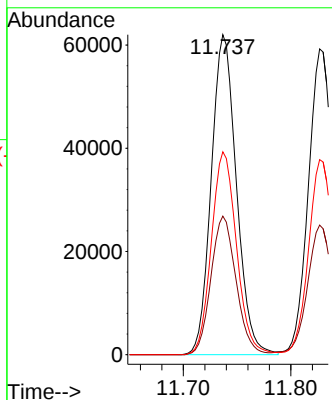
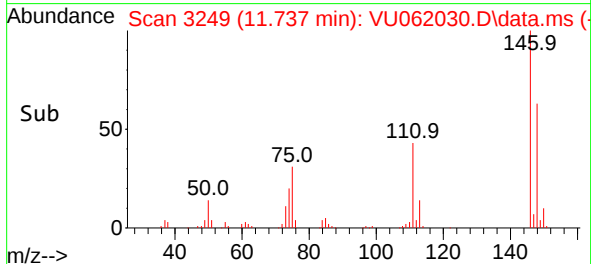


#64
1,3-Dichlorobenzene
Concen: 4.343 ug/L
RT: 11.737 min Scan# 3249
Delta R.T. -0.000 min
Lab File: VU062030.D
Acq: 25 Nov 2024 18:12

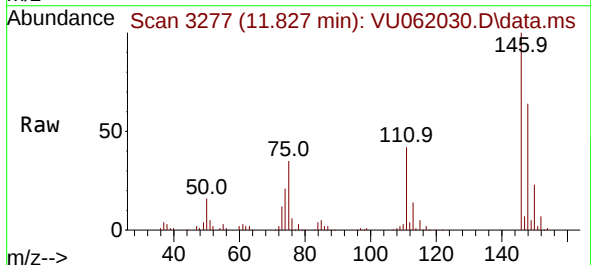
Instrument :
MSVOA_U
ClientSampleId :



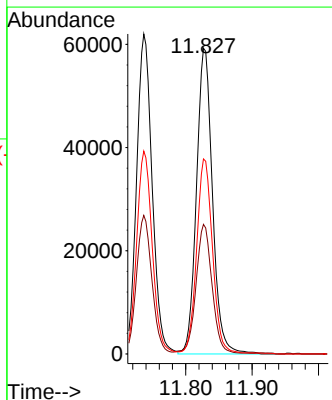
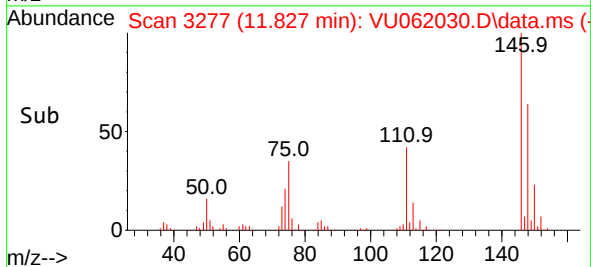
Tgt Ion:146 Resp: 100716
Ion Ratio Lower Upper
146 100
111 43.3 30.7 57.1
148 63.4 45.1 83.7

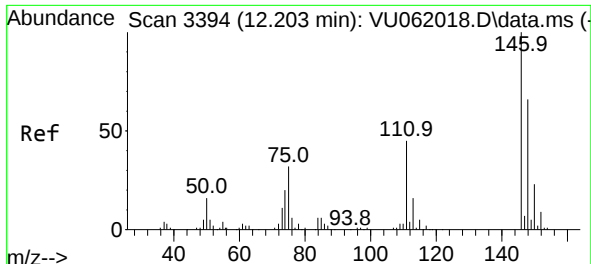


#65
1,4-Dichlorobenzene
Concen: 4.438 ug/L
RT: 11.827 min Scan# 3277
Delta R.T. -0.000 min
Lab File: VU062030.D
Acq: 25 Nov 2024 18:12



Tgt Ion:146 Resp: 99617
Ion Ratio Lower Upper
146 100
111 42.4 29.3 54.3
148 63.8 44.6 82.8





#67

1,2-Dichlorobenzene

Concen: 4.700 ug/L

RT: 12.203 min Scan# 3394

Delta R.T. -0.000 min

Lab File: VU062030.D

Acq: 25 Nov 2024 18:12

Instrument :

MSVOA_U

ClientSampleId :

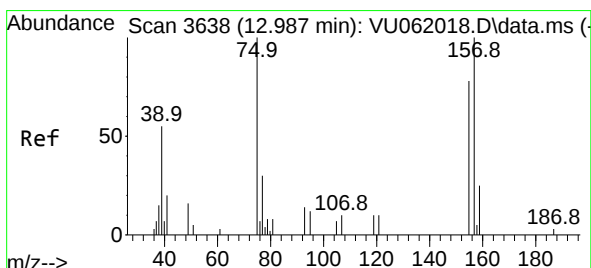
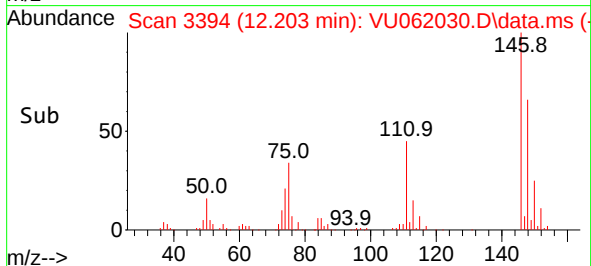
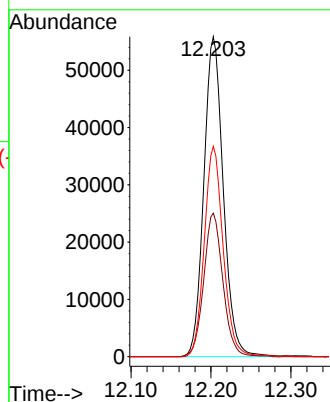
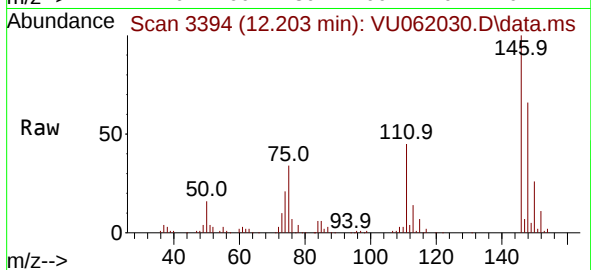
Tgt Ion:146 Resp: 94801

Ion Ratio Lower Upper

146 100

111 44.9 36.0 54.0

148 65.7 52.3 78.5



#68

1,2-Dibromo-3-chloropropane

Concen: 4.878 ug/L

RT: 12.987 min Scan# 3638

Delta R.T. -0.000 min

Lab File: VU062030.D

Acq: 25 Nov 2024 18:12

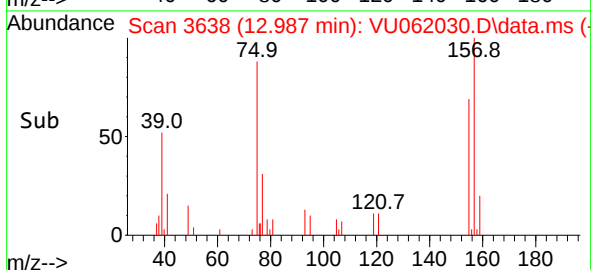
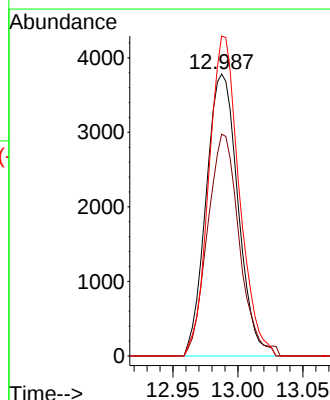
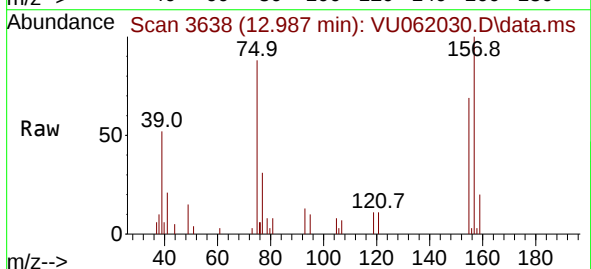
Tgt Ion: 75 Resp: 6448

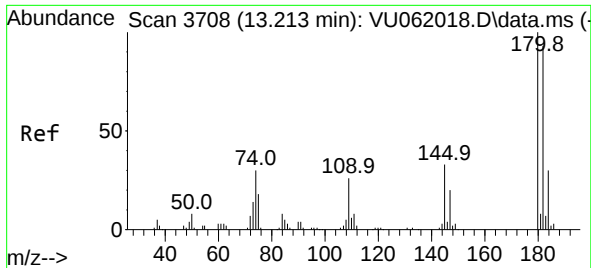
Ion Ratio Lower Upper

75 100

155 78.7 55.2 82.8

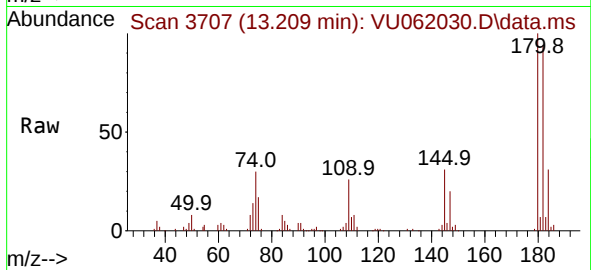
157 113.5 73.5 110.3#



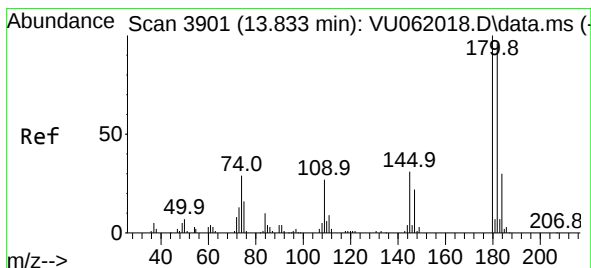
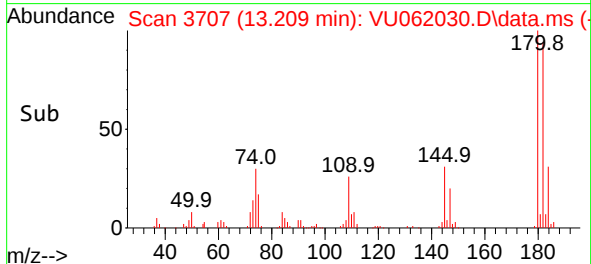
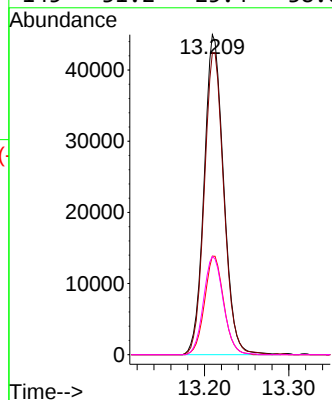


#69
1,3,5-Trichlorobenzene
Concen: 5.253 ug/L
RT: 13.209 min Scan# 31
Delta R.T. -0.003 min
Lab File: VU062030.D
Acq: 25 Nov 2024 18:12

Instrument :
MSVOA_U
ClientSampleId :

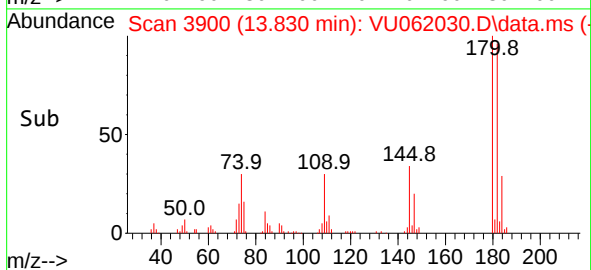
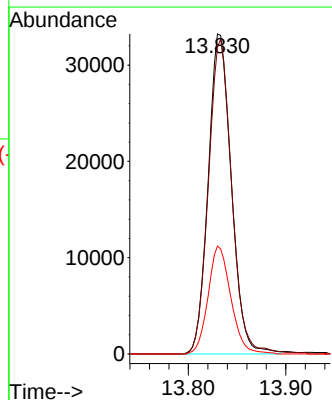
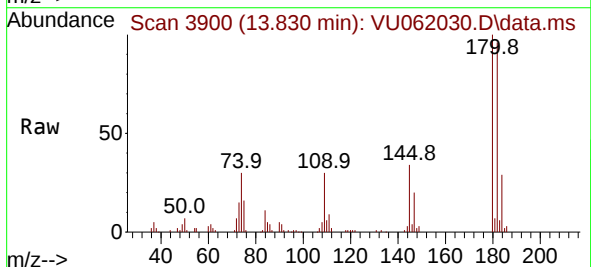


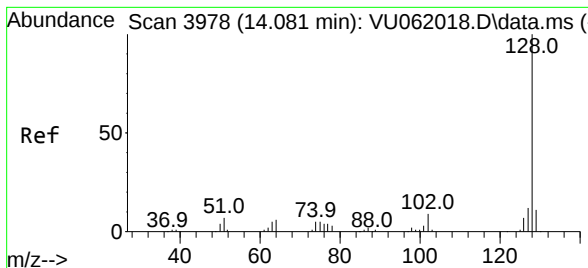
Tgt Ion:180 Resp: 72486
Ion Ratio Lower Upper
180 100
182 94.7 76.7 115.1
184 30.2 24.8 37.2
145 31.2 25.4 38.0



#70
1,2,4-trichlorobenzene
Concen: 5.193 ug/L
RT: 13.830 min Scan# 3900
Delta R.T. -0.003 min
Lab File: VU062030.D
Acq: 25 Nov 2024 18:12

Tgt Ion:180 Resp: 54924
Ion Ratio Lower Upper
180 100
182 98.9 74.5 111.7
145 33.1 25.6 38.4





#71

Naphthalene

Concen: 4.474 ug/L

RT: 14.081 min Scan# 3978

Delta R.T. -0.000 min

Lab File: VU062030.D

Acq: 25 Nov 2024 18:12

Instrument :

MSVOA_U

ClientSampleId :

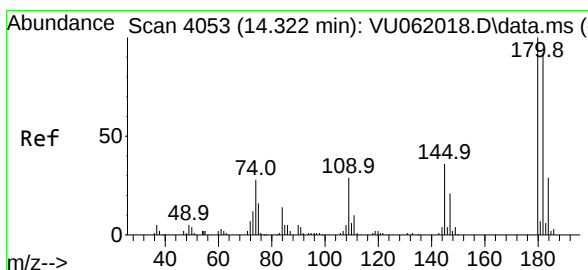
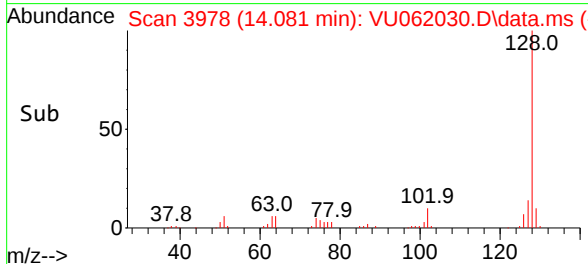
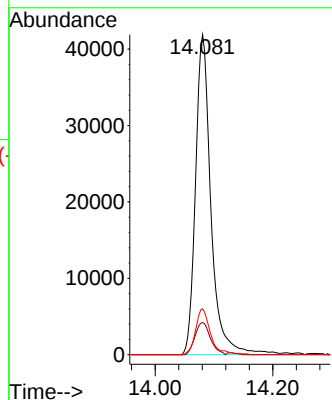
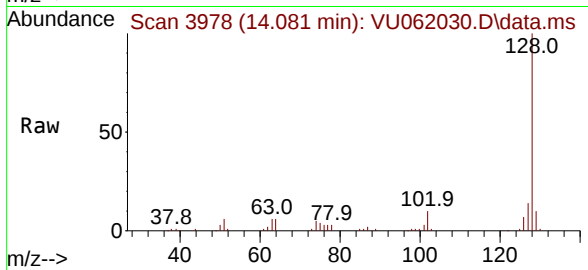
Tgt Ion:128 Resp: 76272

Ion Ratio Lower Upper

128 100

129 10.0 8.5 12.7

127 13.9 10.2 15.4



#72

1,2,3-Trichlorobenzene

Concen: 5.370 ug/L

RT: 14.322 min Scan# 4053

Delta R.T. -0.000 min

Lab File: VU062030.D

Acq: 25 Nov 2024 18:12

Tgt Ion:180 Resp: 48911

Ion Ratio Lower Upper

180 100

182 92.2 76.1 114.1

145 33.9 27.4 41.0

