

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU121624\
 Data File : VU062356.D
 Acq On : 16 Dec 2024 20:07
 Operator : MD/SY
 Sample : VSTDCCC005
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Dec 17 00:37:56 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR120924WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Dec 17 00:31:28 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	99875	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.409	117	97395	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	50679	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	33419	4.961	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	99.200%
7) Chloroethane-d5	1.907	69	25255	5.271	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	105.400%
11) 1,1-Dichloroethene-d2	2.560	65	16178	5.048	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	101.000%
20) 2-Butanone-d5	4.628	46	63735	49.366	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	98.740%
24) Chloroform-d	5.052	84	76336	5.236	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	104.800%
26) 1,2-Dichloroethane-d4	5.692	65	38429	5.360	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	107.200%
32) Benzene-d6	5.718	84	137038	4.885	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.800%
36) 1,2-Dichloropropane-d6	6.682	67	38382	4.782	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	95.600%
41) Toluene-d8	7.888	98	131958	4.980	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.600%
43) trans-1,3-Dichloroprop...	8.174	79	16830	4.764	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	95.200%
46) 2-Hexanone-d5	8.627	63	50471	47.354	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	94.700%
56) 1,1,2,2-Tetrachloroeth...	10.746	84	30051	4.812	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	96.200%
66) 1,2-Dichlorobenzene-d4	12.184	152	47597	5.097	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	102.000%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.383	85	44677	4.775	ug/L	97
3) Chloromethane	1.515	50	32858	4.481	ug/L	99
5) Vinyl chloride	1.599	62	36347	4.761	ug/L #	41
6) Bromomethane	1.853	94	21829	4.289	ug/L	96
8) Chloroethane	1.930	64	20829	4.871	ug/L	90
9) Trichlorofluoromethane	2.133	101	66138	4.991	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.573	101	35199	4.880	ug/L	92
12) 1,1-Dichloroethene	2.573	96	32403	4.805	ug/L	83
13) Acetone	2.647	43	42659	48.528	ug/L	98
14) Carbon disulfide	2.785	76	91411	4.287	ug/L	100
15) Methyl Acetate	2.956	43	9899	4.493	ug/L #	90
16) Methylene chloride	3.036	84	34532	4.878	ug/L	89
17) Methyl tert-butyl Ether	3.354	73	80178	4.773	ug/L	97
18) trans-1,2-Dichloroethene	3.345	96	32992	4.762	ug/L	90
19) 1,1-Dichloroethane	3.859	63	59636	4.696	ug/L	94
21) 2-Butanone	4.708	43	60766	47.600	ug/L	87
22) cis-1,2-Dichloroethene	4.657	96	37719	4.857	ug/L	91
23) Bromochloromethane	4.965	128	17123	5.030	ug/L #	80
25) Chloroform	5.078	83	71890	5.025	ug/L	98

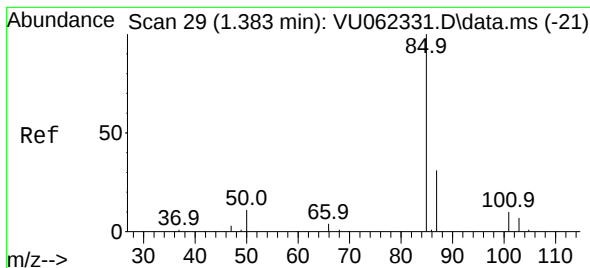
Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU121624\
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.785	62	43584	4.794	ug/L	96
29) 1,1,1-Trichloroethane	5.306	97	67775	4.947	ug/L	94
30) Cyclohexane	5.377	56	46749	4.208	ug/L	90
31) Carbon tetrachloride	5.515	117	61162	4.868	ug/L	100
33) Benzene	5.766	78	137930	4.570	ug/L	100
34) Trichloroethene	6.534	95	39853	4.661	ug/L	94
35) Methylcyclohexane	6.753	83	53500	4.220	ug/L	96
37) 1,2-Dichloropropane	6.782	63	33742	4.591	ug/L	100
38) Bromodichloromethane	7.097	83	49458	4.769	ug/L	99
39) cis-1,3-Dichloropropene	7.599	75	53366	4.530	ug/L	100
40) 4-Methyl-2-pentanone	7.782	43	159072	46.177	ug/L #	92
42) Toluene	7.962	91	151989	4.670	ug/L	96
44) trans-1,3-Dichloropropene	8.203	75	46111	4.793	ug/L	100
45) 1,1,2-Trichloroethane	8.390	97	27067	4.878	ug/L	96
47) Tetrachloroethene	8.544	164	31380	4.754	ug/L	97
48) 2-Hexanone	8.676	43	119310	46.865	ug/L #	95
49) Dibromochloromethane	8.801	129	34565	5.156	ug/L	94
50) 1,2-Dibromoethane	8.914	107	26275	4.928	ug/L #	98
51) Chlorobenzene	9.438	112	100556	4.822	ug/L	97
52) Ethylbenzene	9.560	91	170201	4.664	ug/L	98
53) m,p-Xylene	9.685	106	64120	4.759	ug/L	95
54) o-Xylene	10.090	106	61875	4.722	ug/L	98
55) Styrene	10.106	104	101436	4.696	ug/L	94
57) 1,1,2,2-Tetrachloroethane	10.775	83	30739	4.760	ug/L	99
59) Bromoform	10.280	173	20186	5.068	ug/L #	98
60) Isopropylbenzene	10.476	105	172417	4.710	ug/L	99
61) 1,2,3-Trichloropropane	10.814	75	21663	4.623	ug/L	95
62) 1,3,5-Trimethylbenzene	11.081	105	144528	4.665	ug/L	99
63) 1,2,4-Trimethylbenzene	11.460	105	140218	4.619	ug/L	98
64) 1,3-Dichlorobenzene	11.737	146	79859	4.749	ug/L	99
65) 1,4-Dichlorobenzene	11.827	146	78015	4.607	ug/L	98
67) 1,2-Dichlorobenzene	12.203	146	75408	4.852	ug/L	96
68) 1,2-Dibromo-3-chloropr...	12.991	75	5150	5.038	ug/L	94
69) 1,3,5-Trichlorobenzene	13.209	180	57228	4.578	ug/L	99
70) 1,2,4-trichlorobenzene	13.833	180	45048	4.564	ug/L	99
71) Naphthalene	14.081	128	59356	4.005	ug/L	99
72) 1,2,3-Trichlorobenzene	14.322	180	38189	4.387	ug/L	100

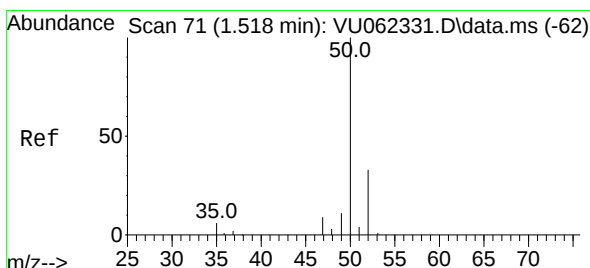
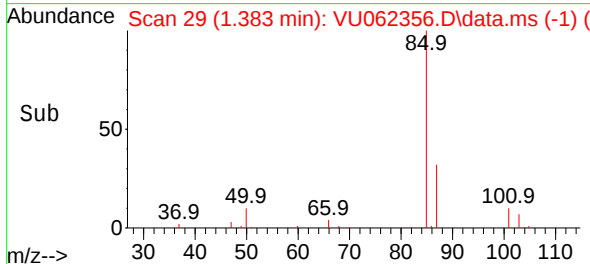
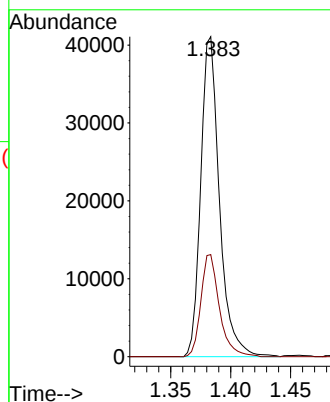
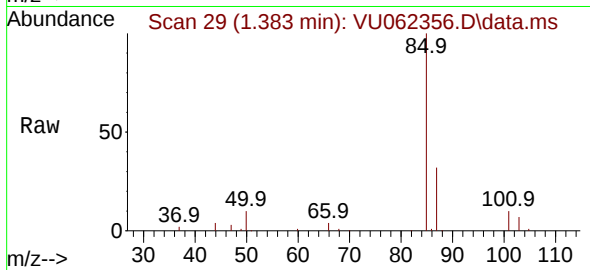
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#2
 Dichlorodifluoromethane
 Concen: 4.775 ug/L
 RT: 1.383 min Scan# 20
 Delta R.T. 0.000 min
 Lab File: VU062356.D
 Acq: 16 Dec 2024 20:07

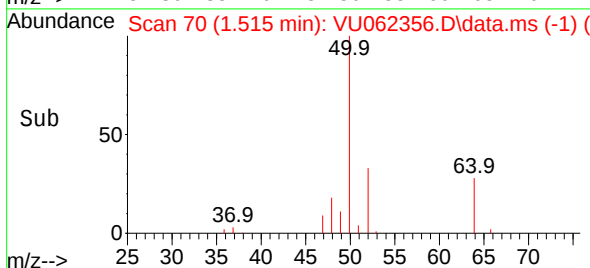
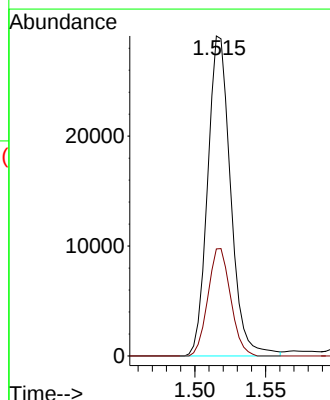
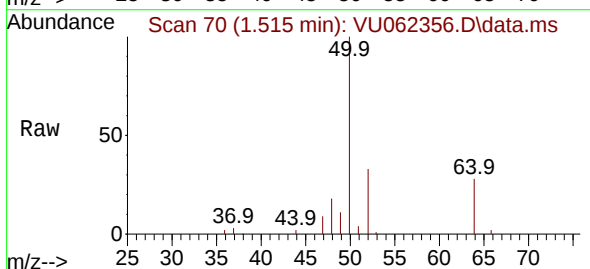
Instrument :
 MSVOA_U
 ClientSampleId :

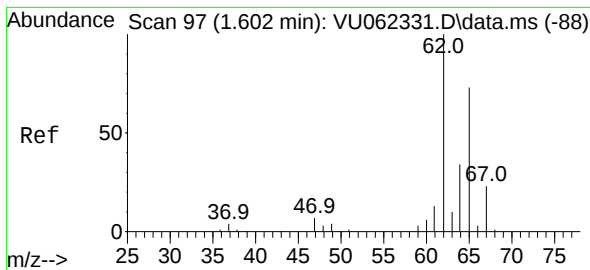
Tgt Ion: 85 Resp: 44677
 Ion Ratio Lower Upper
 85 100
 87 31.5 26.6 40.0



#3
 Chloromethane
 Concen: 4.481 ug/L
 RT: 1.515 min Scan# 70
 Delta R.T. -0.003 min
 Lab File: VU062356.D
 Acq: 16 Dec 2024 20:07

Tgt Ion: 50 Resp: 32858
 Ion Ratio Lower Upper
 50 100
 52 33.4 23.1 42.9





#5

Vinyl chloride

Concen: 4.761 ug/L

RT: 1.599 min Scan# 9

Delta R.T. -0.003 min

Lab File: VU062356.D

Acq: 16 Dec 2024 20:07

Instrument :

MSVOA_U

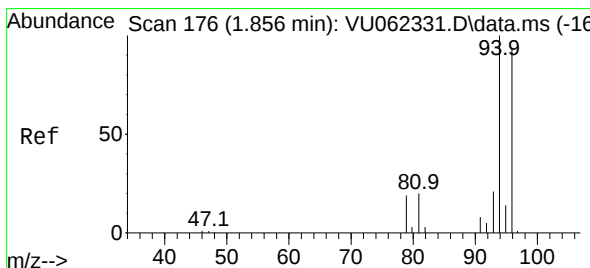
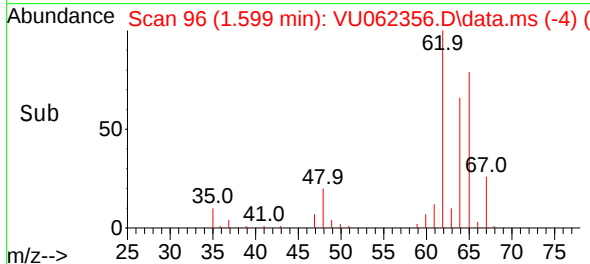
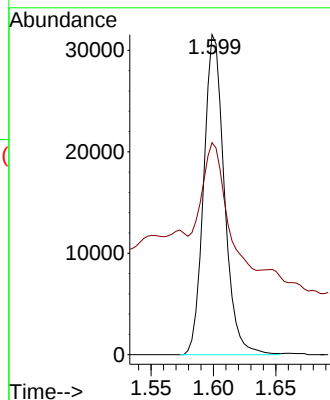
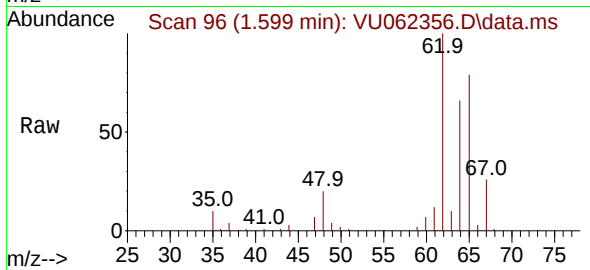
ClientSampleId :

Tgt Ion: 62 Resp: 36347

Ion Ratio Lower Upper

62 100

64 66.2 23.1 42.9#



#6

Bromomethane

Concen: 4.289 ug/L

RT: 1.853 min Scan# 175

Delta R.T. -0.003 min

Lab File: VU062356.D

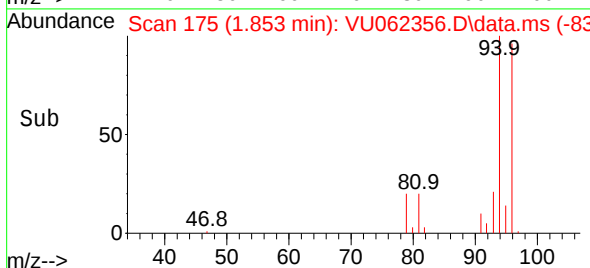
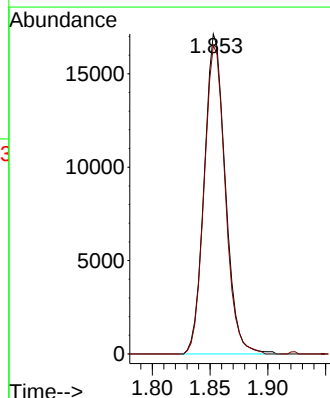
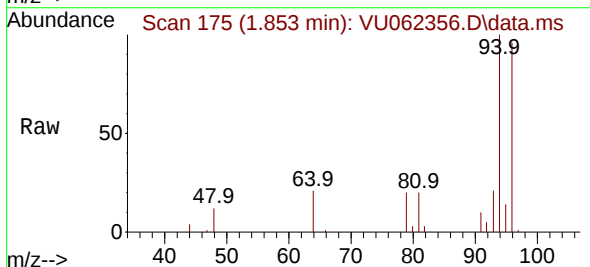
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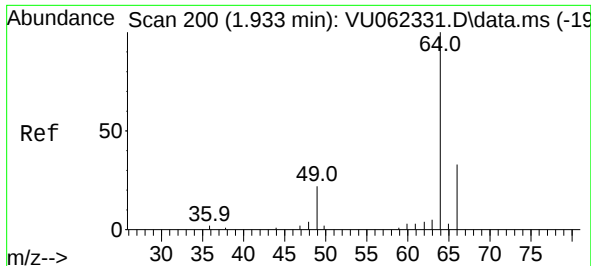
Tgt Ion: 94 Resp: 21829

Ion Ratio Lower Upper

94 100

96 96.5 64.5 119.9

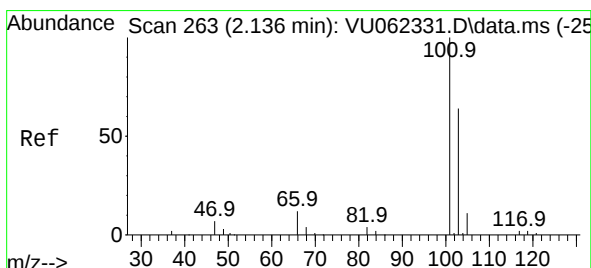
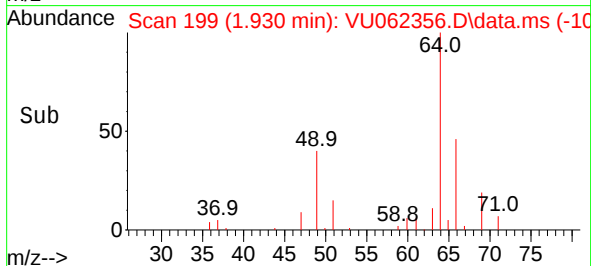
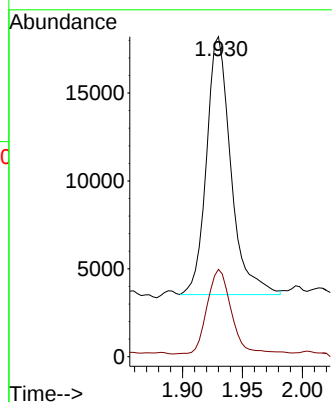
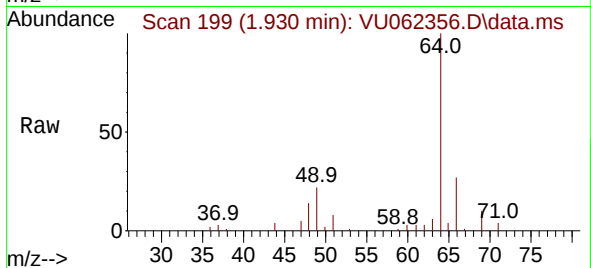




#8
Chloroethane
Concen: 4.871 ug/L
RT: 1.930 min Scan# 199
Delta R.T. -0.003 min
Lab File: VU062356.D
Acq: 16 Dec 2024 20:07

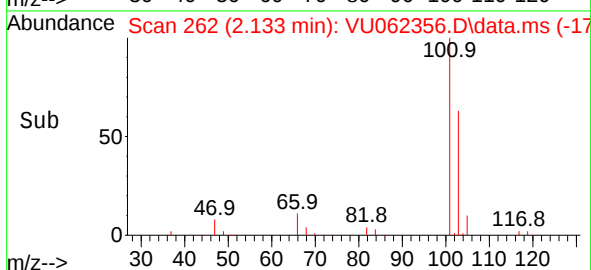
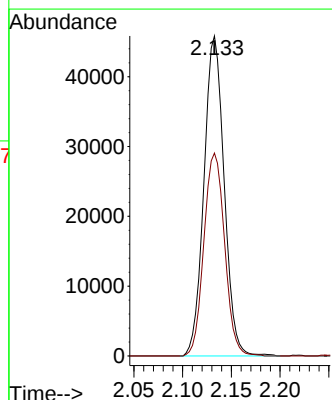
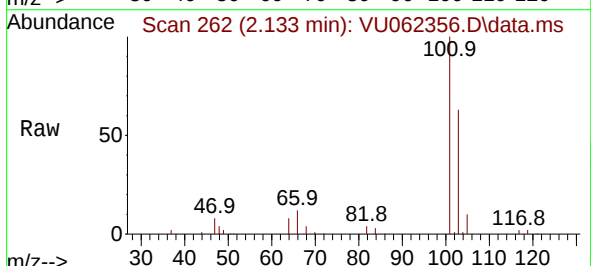
Instrument :
MSVOA_U
ClientSampleId :

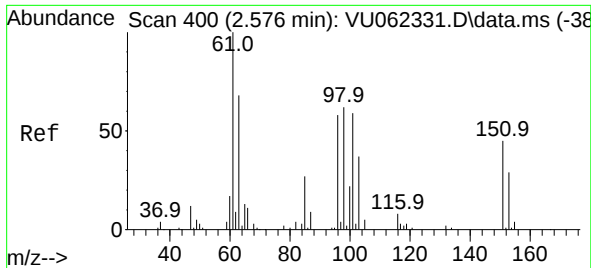
Tgt Ion: 64 Resp: 20829
Ion Ratio Lower Upper
64 100
66 27.3 23.2 43.2



#9
Trichlorofluoromethane
Concen: 4.991 ug/L
RT: 2.133 min Scan# 262
Delta R.T. -0.003 min
Lab File: VU062356.D
Acq: 16 Dec 2024 20:07

Tgt Ion:101 Resp: 66138
Ion Ratio Lower Upper
101 100
103 64.9 50.6 75.8

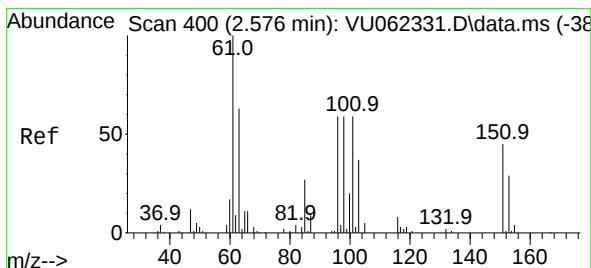
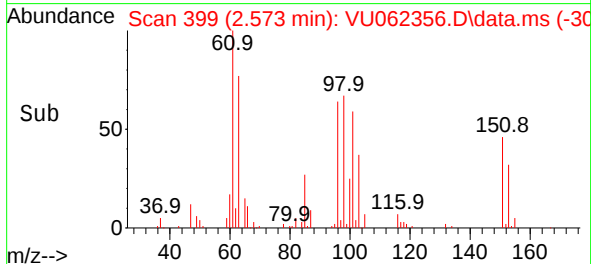
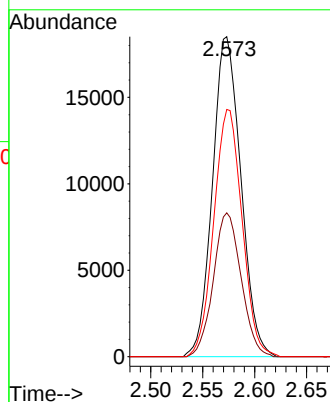
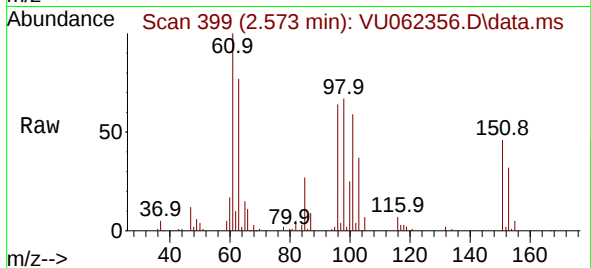




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 4.880 ug/L
 RT: 2.573 min Scan# 399
 Delta R.T. -0.003 min
 Lab File: VU062356.D
 Acq: 16 Dec 2024 20:07

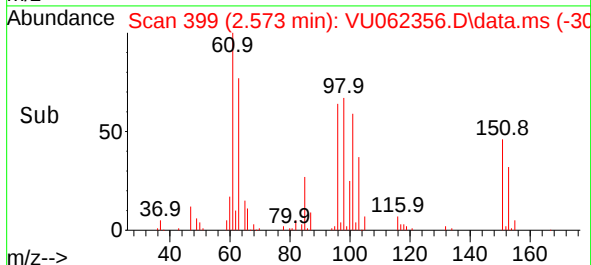
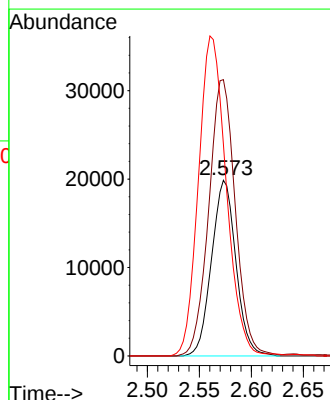
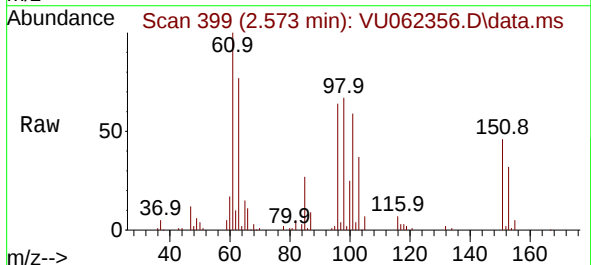
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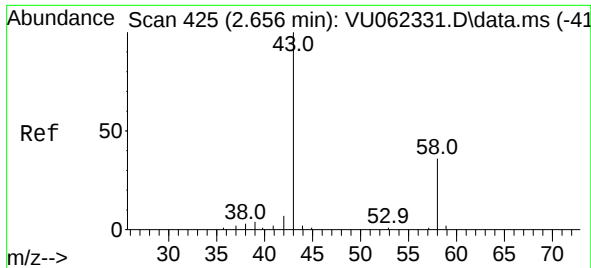
Tgt Ion:101 Resp: 35199
 Ion Ratio Lower Upper
 101 100
 85 44.0 38.0 57.0
 151 76.8 55.3 82.9



#12
 1,1-Dichloroethene
 Concen: 4.805 ug/L
 RT: 2.573 min Scan# 399
 Delta R.T. -0.003 min
 Lab File: VU062356.D
 Acq: 16 Dec 2024 20:07

Tgt Ion: 96 Resp: 32403
 Ion Ratio Lower Upper
 96 100
 61 157.3 119.6 222.2
 63 120.6 65.0 120.6





#13

Acetone

Concen: 48.528 ug/L

RT: 2.647 min Scan# 41

Delta R.T. -0.009 min

Lab File: VU062356.D

Acq: 16 Dec 2024 20:07

Instrument :

MSVOA_U

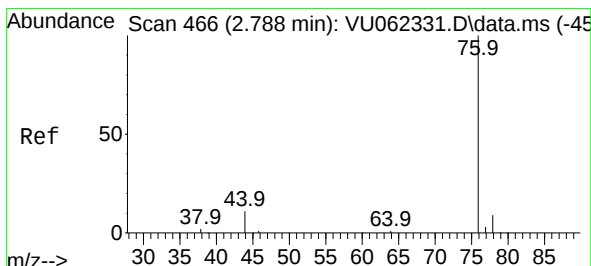
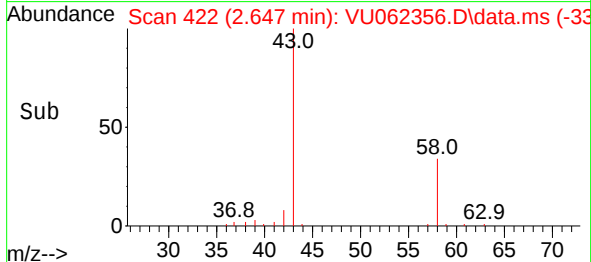
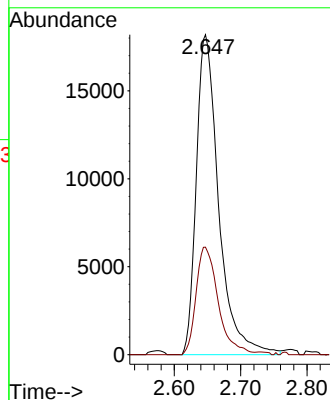
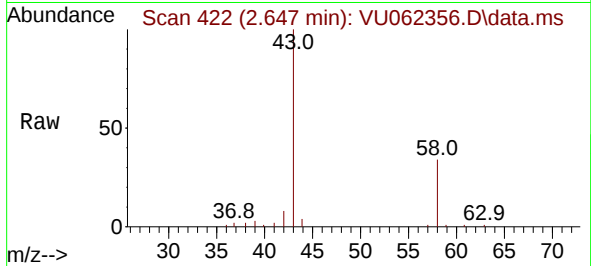
ClientSampleId :

Tgt Ion: 43 Resp: 42659

Ion Ratio Lower Upper

43 100

58 33.3 0.0 64.0



#14

Carbon disulfide

Concen: 4.287 ug/L

RT: 2.785 min Scan# 465

Delta R.T. -0.003 min

Lab File: VU062356.D

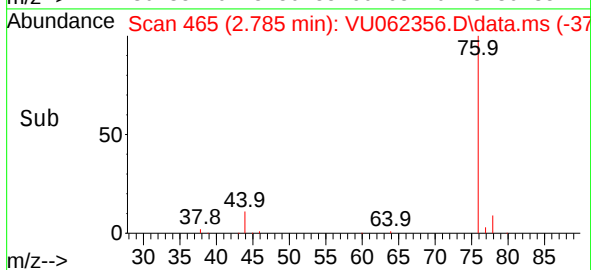
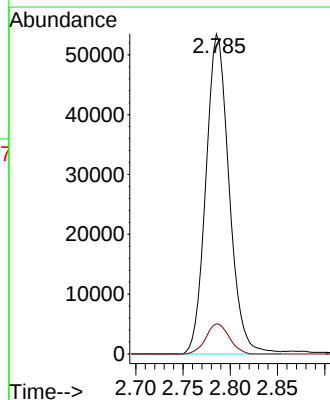
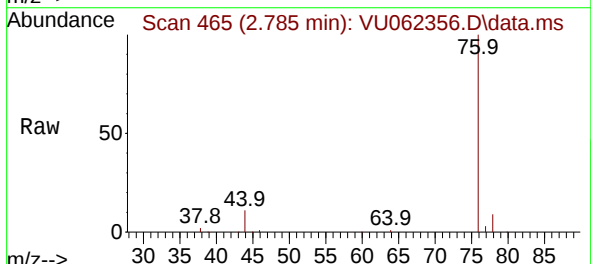
Acq: 16 Dec 2024 20:07

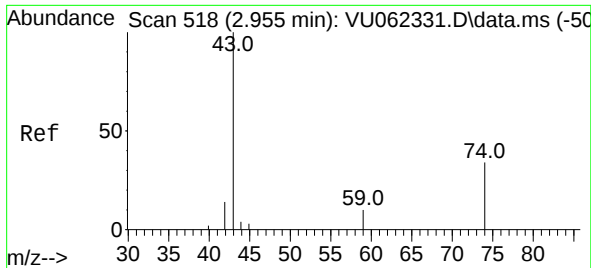
Tgt Ion: 76 Resp: 91411

Ion Ratio Lower Upper

76 100

78 9.4 7.5 11.3





#15

Methyl Acetate

Concen: 4.493 ug/L

RT: 2.956 min Scan# 518

Delta R.T. 0.000 min

Lab File: VU062356.D

Acq: 16 Dec 2024 20:07

Instrument :

MSVOA_U

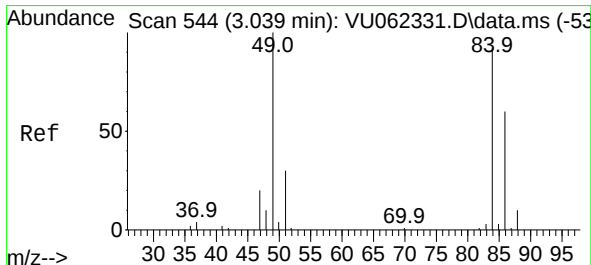
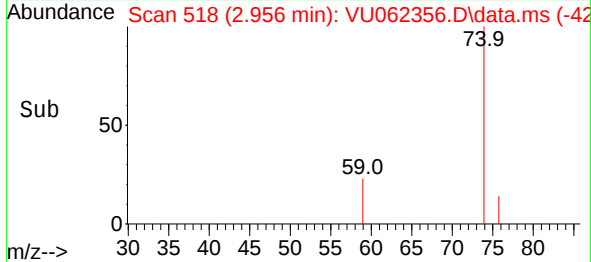
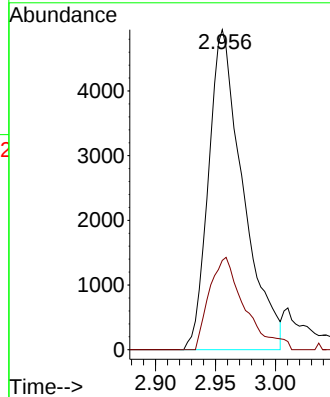
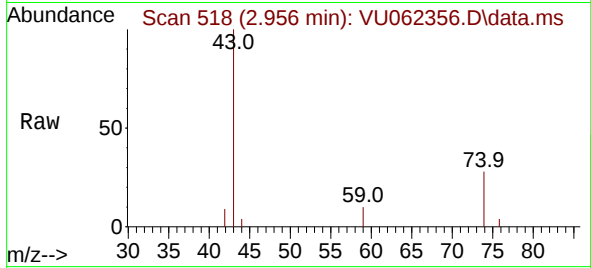
ClientSampleId :

Tgt Ion: 43 Resp: 9899

Ion Ratio Lower Upper

43 100

74 29.5 19.4 29.2#



#16

Methylene chloride

Concen: 4.878 ug/L

RT: 3.036 min Scan# 543

Delta R.T. -0.003 min

Lab File: VU062356.D

Acq: 16 Dec 2024 20:07

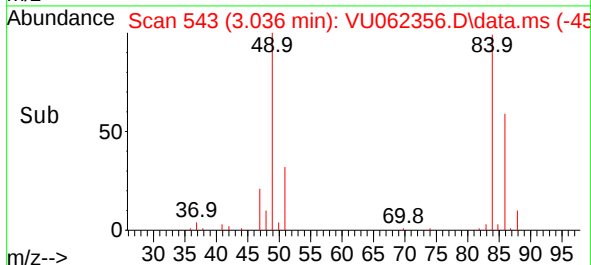
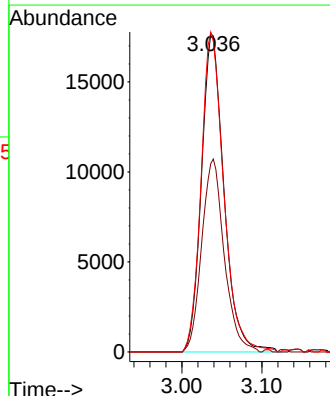
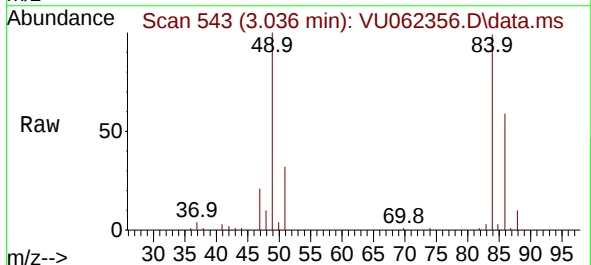
Tgt Ion: 84 Resp: 34532

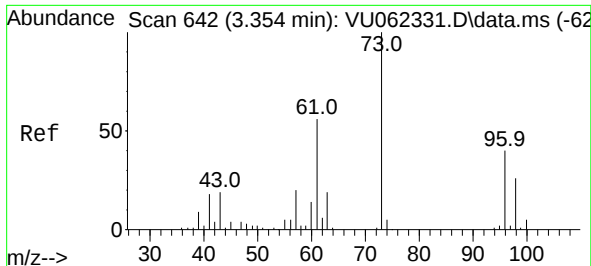
Ion Ratio Lower Upper

84 100

86 59.2 43.5 80.7

49 100.5 81.9 152.1

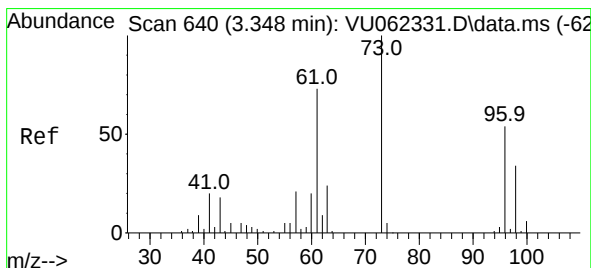
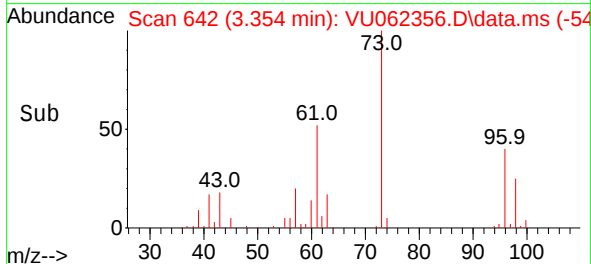
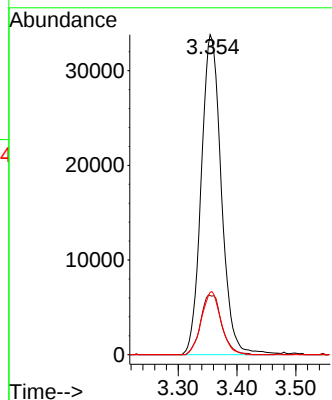
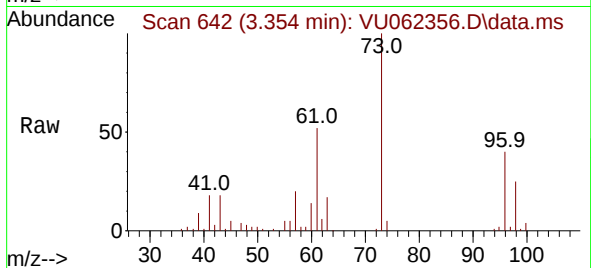




#17
Methyl tert-butyl Ether
Concen: 4.773 ug/L
RT: 3.354 min Scan# 642
Delta R.T. 0.000 min
Lab File: VU062356.D
Acq: 16 Dec 2024 20:07

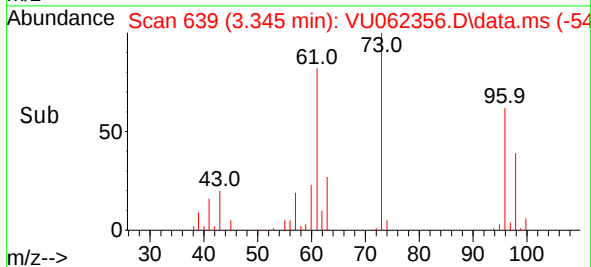
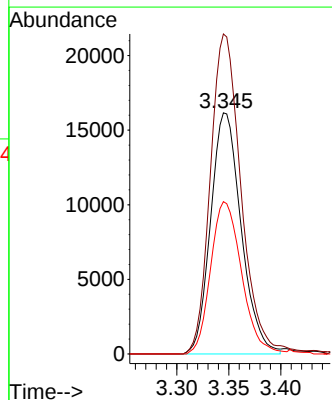
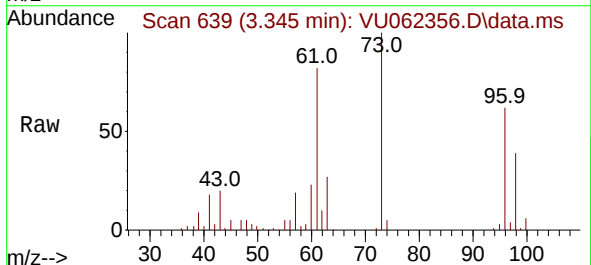
Instrument :
MSVOA_U
ClientSampleId :

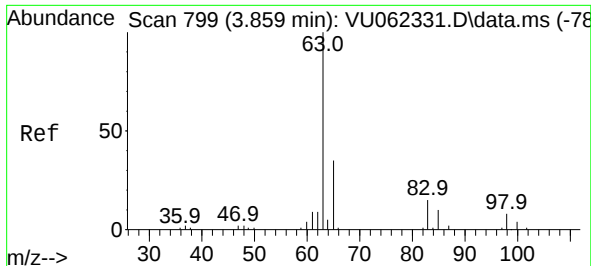
Tgt Ion: 73	Resp: 80178
Ion Ratio	Lower Upper
73 100	
43 19.6	16.3 24.5
57 19.3	17.1 25.7



#18
trans-1,2-Dichloroethene
Concen: 4.762 ug/L
RT: 3.345 min Scan# 639
Delta R.T. -0.003 min
Lab File: VU062356.D
Acq: 16 Dec 2024 20:07

Tgt Ion: 96	Resp: 32992
Ion Ratio	Lower Upper
96 100	
61 132.7	104.2 193.4
98 63.2	45.7 84.9

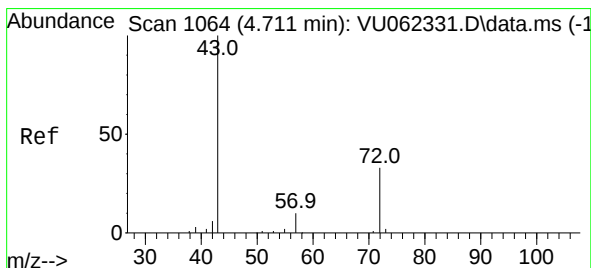
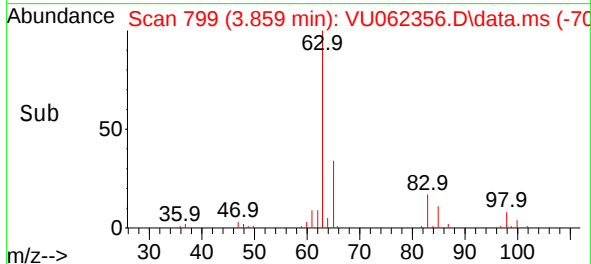
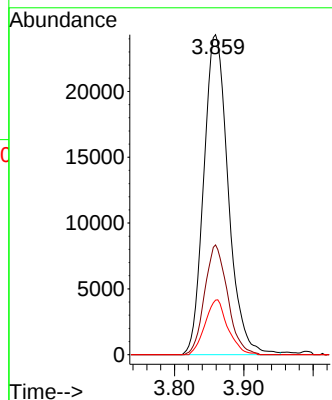
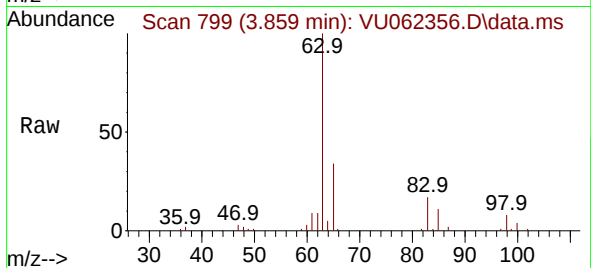




#19
1,1-Dichloroethane
Concen: 4.696 ug/L
RT: 3.859 min Scan# 799
Delta R.T. 0.000 min
Lab File: VU062356.D
Acq: 16 Dec 2024 20:07

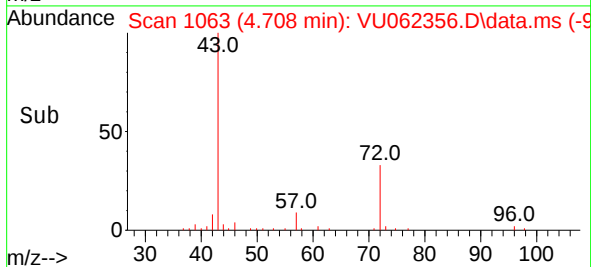
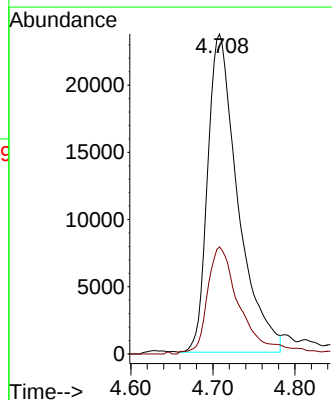
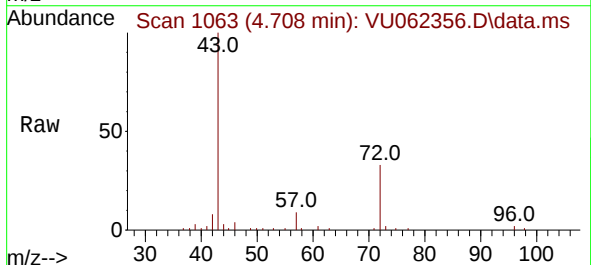
Instrument :
MSVOA_U
ClientSampleId :

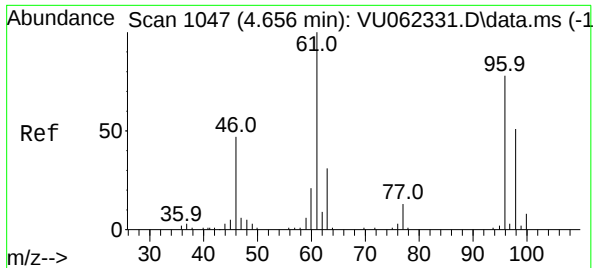
Tgt Ion: 63 Resp: 59636
Ion Ratio Lower Upper
63 100
65 35.3 22.7 42.3
83 17.0 9.9 18.3



#21
2-Butanone
Concen: 47.600 ug/L
RT: 4.708 min Scan# 1063
Delta R.T. -0.003 min
Lab File: VU062356.D
Acq: 16 Dec 2024 20:07

Tgt Ion: 43 Resp: 60766
Ion Ratio Lower Upper
43 100
72 36.6 14.8 44.4

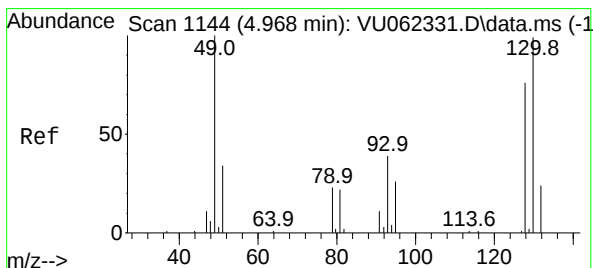
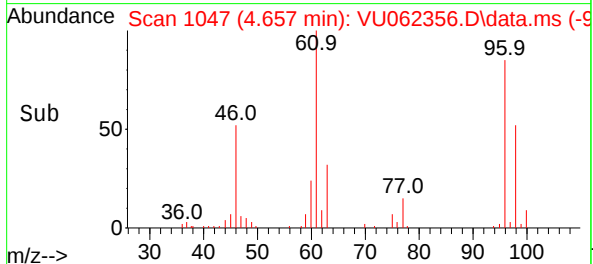
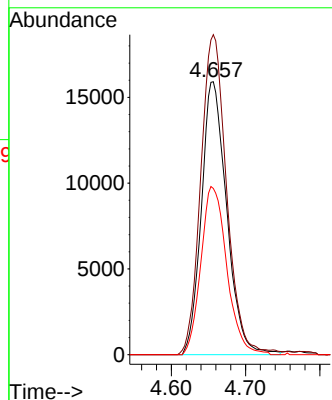
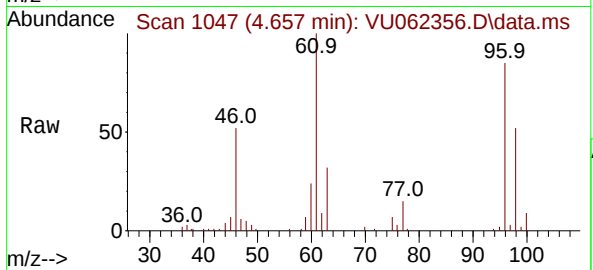




#22
cis-1,2-Dichloroethene
Concen: 4.857 ug/L
RT: 4.657 min Scan# 1047
Delta R.T. 0.000 min
Lab File: VU062356.D
Acq: 16 Dec 2024 20:07

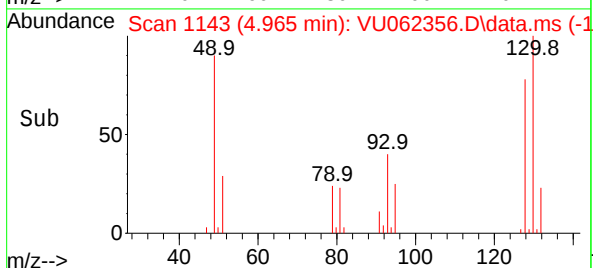
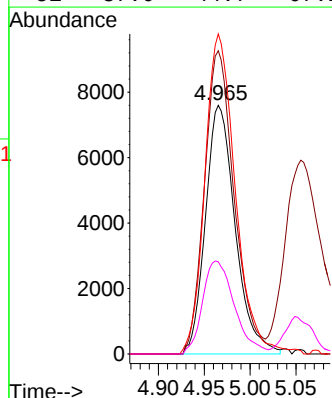
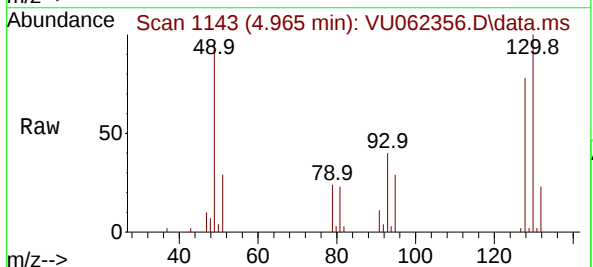
Instrument :
MSVOA_U
ClientSampleId :

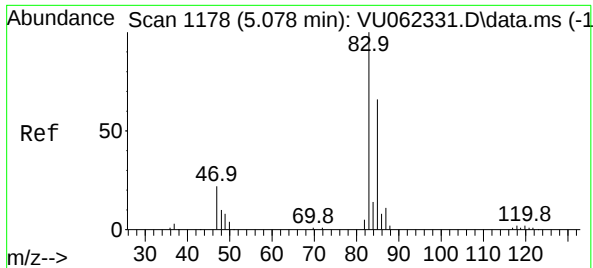
Tgt Ion: 96 Resp: 37719
Ion Ratio Lower Upper
96 100
61 117.2 92.0 170.8
98 60.9 44.5 82.7



#23
Bromochloromethane
Concen: 5.030 ug/L
RT: 4.965 min Scan# 1143
Delta R.T. -0.003 min
Lab File: VU062356.D
Acq: 16 Dec 2024 20:07

Tgt Ion:128 Resp: 17123
Ion Ratio Lower Upper
128 100
49 121.9 115.3 214.1
130 128.7 92.0 170.8
51 37.0 44.7 67.1#

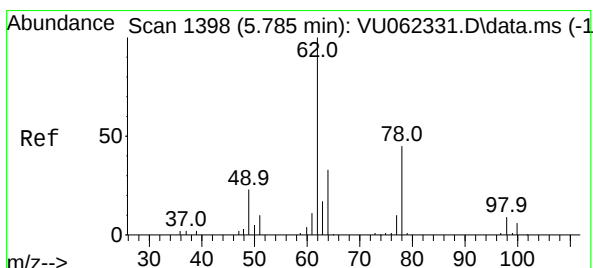
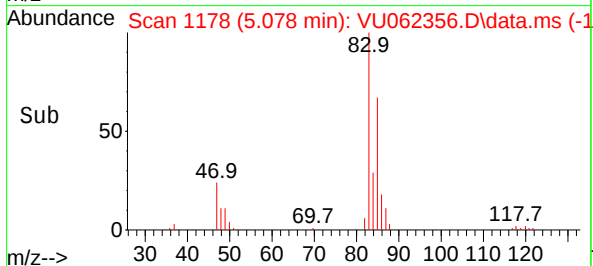
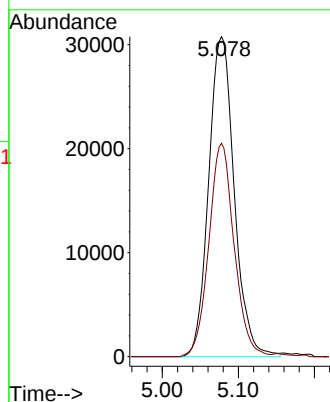
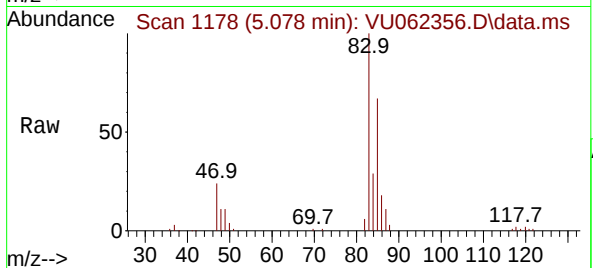




#25
Chloroform
Concen: 5.025 ug/L
RT: 5.078 min Scan# 1178
Delta R.T. 0.000 min
Lab File: VU062356.D
Acq: 16 Dec 2024 20:07

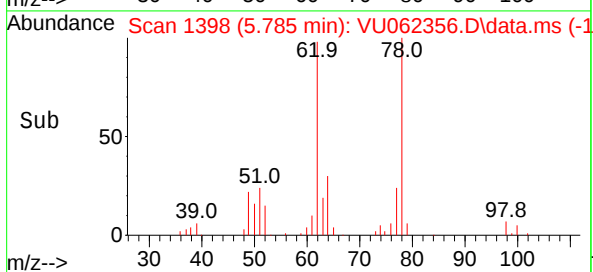
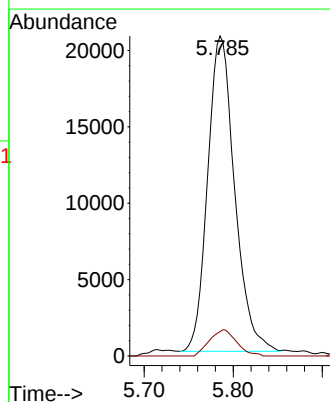
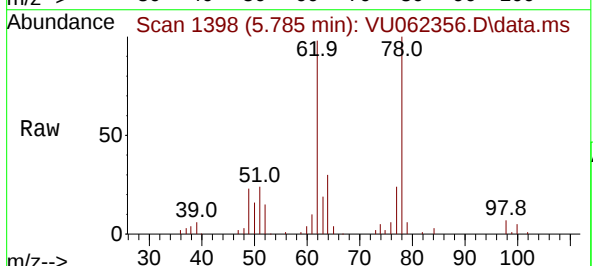
Instrument :
MSVOA_U
ClientSampleId :

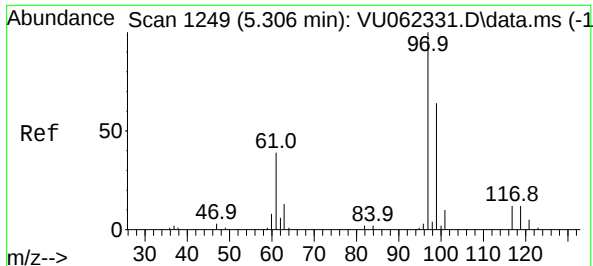
Tgt Ion: 83 Resp: 71890
Ion Ratio Lower Upper
83 100
85 66.7 45.4 84.2



#27
1,2-Dichloroethane
Concen: 4.794 ug/L
RT: 5.785 min Scan# 1398
Delta R.T. 0.000 min
Lab File: VU062356.D
Acq: 16 Dec 2024 20:07

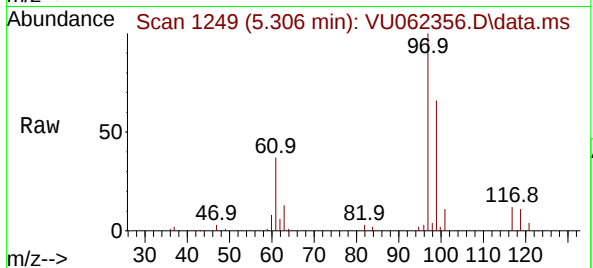
Tgt Ion: 62 Resp: 43584
Ion Ratio Lower Upper
62 100
98 7.6 7.4 11.0



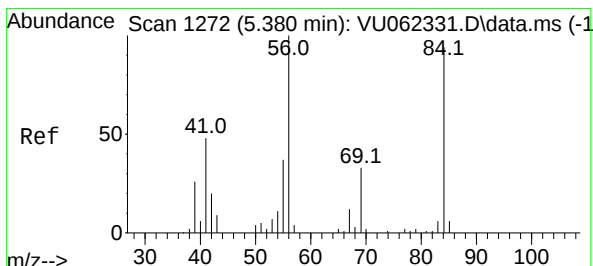
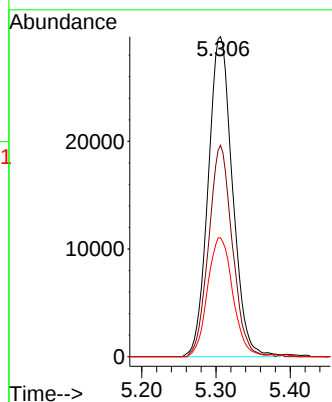
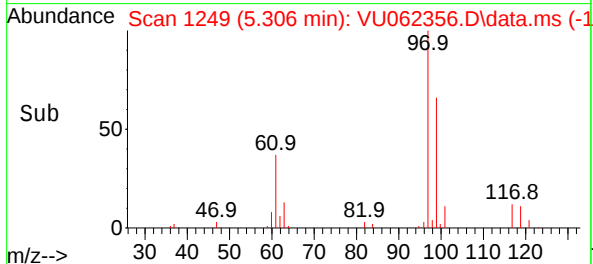


#29
1,1,1-Trichloroethane
Concen: 4.947 ug/L
RT: 5.306 min Scan# 1249
Delta R.T. 0.000 min
Lab File: VU062356.D
Acq: 16 Dec 2024 20:07

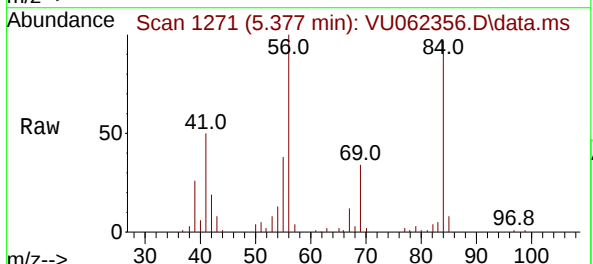
Instrument :
MSVOA_U
ClientSampleId :



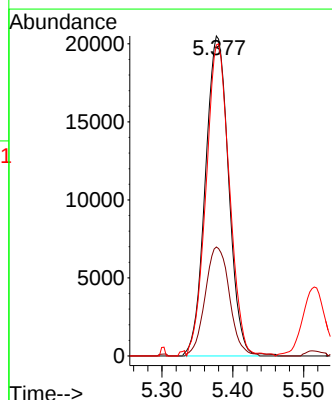
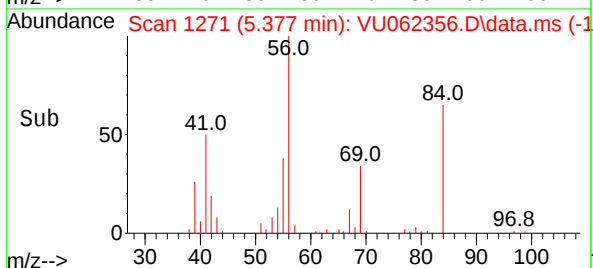
Tgt Ion: 97 Resp: 67775
Ion Ratio Lower Upper
97 100
99 64.2 51.4 77.2
61 38.5 37.8 56.6

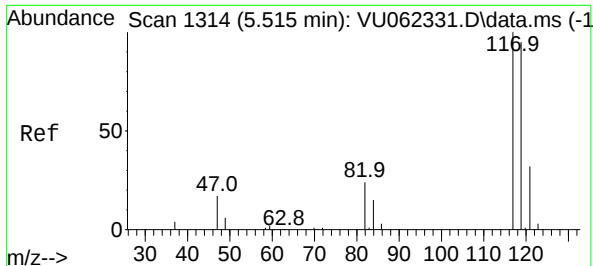


#30
Cyclohexane
Concen: 4.208 ug/L
RT: 5.377 min Scan# 1271
Delta R.T. -0.003 min
Lab File: VU062356.D
Acq: 16 Dec 2024 20:07



Tgt Ion: 56 Resp: 46749
Ion Ratio Lower Upper
56 100
69 35.6 25.1 37.7
84 98.3 70.6 105.8

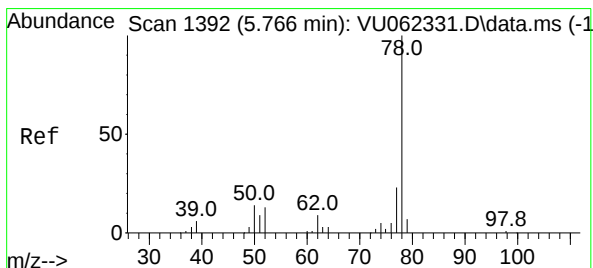
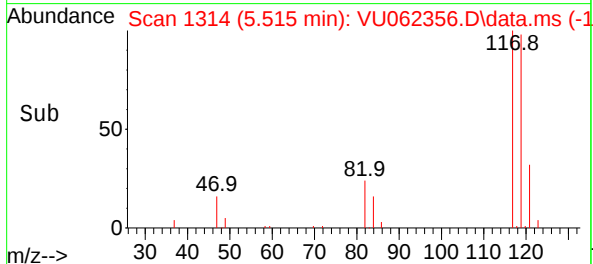
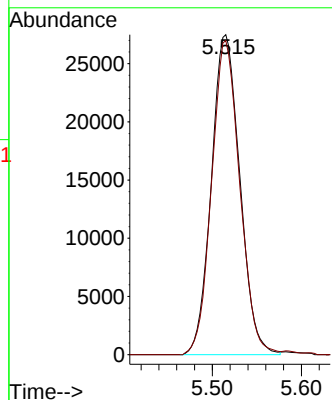
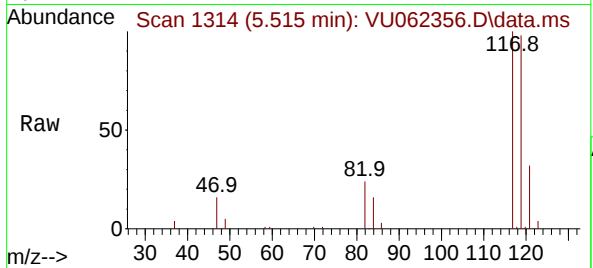




#31
Carbon tetrachloride
Concen: 4.868 ug/L
RT: 5.515 min Scan# 1314
Delta R.T. 0.000 min
Lab File: VU062356.D
Acq: 16 Dec 2024 20:07

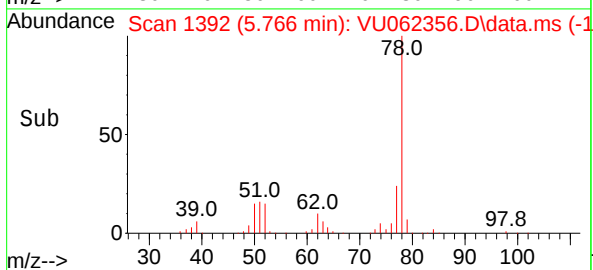
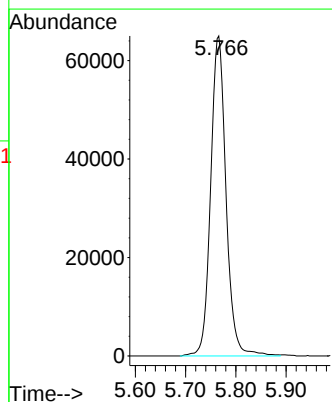
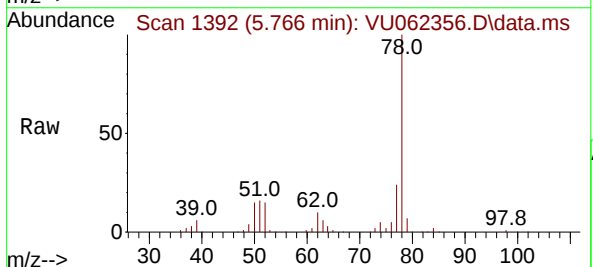
Instrument :
MSVOA_U
ClientSampleId :

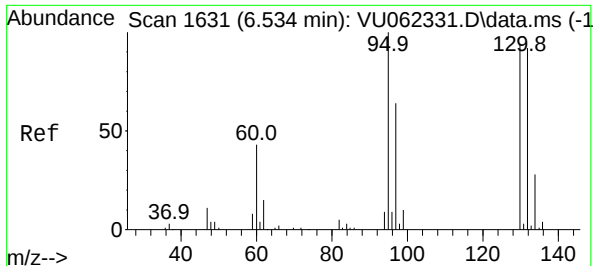
Tgt Ion:117 Resp: 61162
Ion Ratio Lower Upper
117 100
119 96.8 77.5 116.3



#33
Benzene
Concen: 4.570 ug/L
RT: 5.766 min Scan# 1392
Delta R.T. 0.000 min
Lab File: VU062356.D
Acq: 16 Dec 2024 20:07

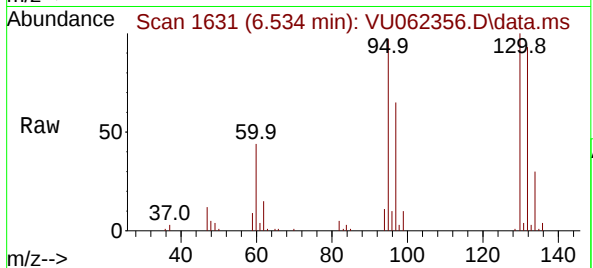
Tgt Ion: 78 Resp: 137930



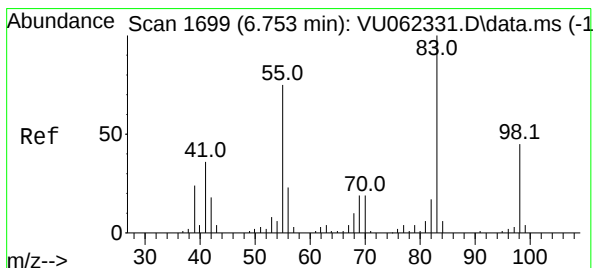
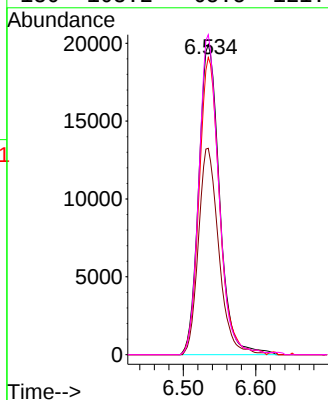
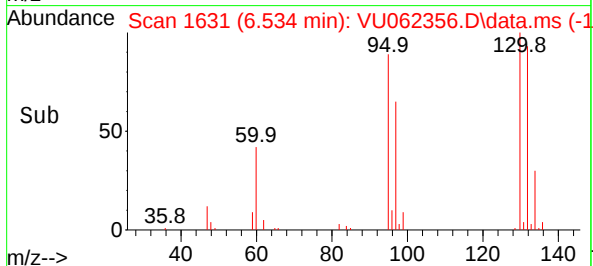


#34
Trichloroethene
Concen: 4.661 ug/L
RT: 6.534 min Scan# 1
Delta R.T. 0.000 min
Lab File: VU062356.D
Acq: 16 Dec 2024 20:07

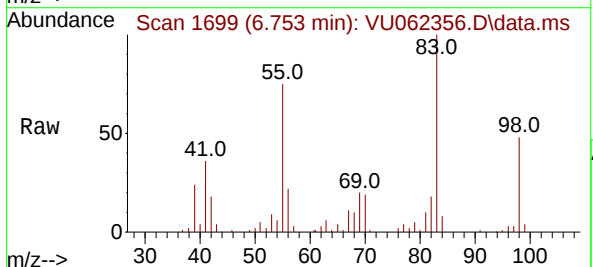
Instrument :
MSVOA_U
ClientSampleId :



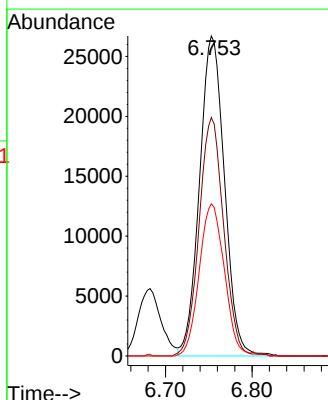
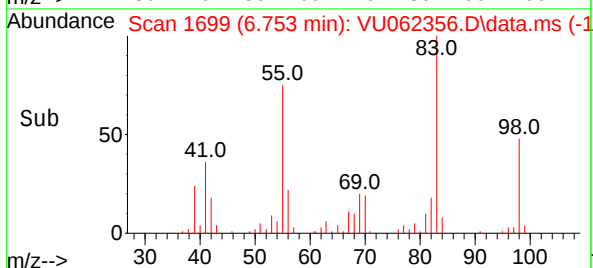
Tgt Ion: 95 Resp: 39853
Ion Ratio Lower Upper
95 100
97 66.6 45.9 85.3
132 95.9 63.8 118.4
130 103.2 65.5 121.7

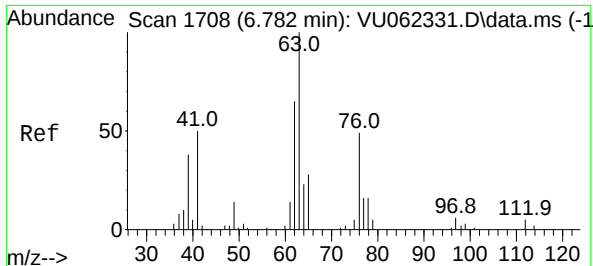


#35
Methylcyclohexane
Concen: 4.220 ug/L
RT: 6.753 min Scan# 1699
Delta R.T. 0.000 min
Lab File: VU062356.D
Acq: 16 Dec 2024 20:07



Tgt Ion: 83 Resp: 53500
Ion Ratio Lower Upper
83 100
55 73.5 60.7 91.1
98 47.9 34.8 52.2

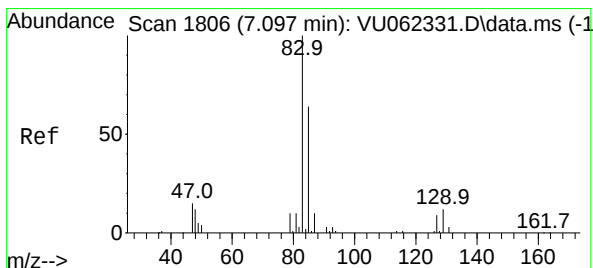
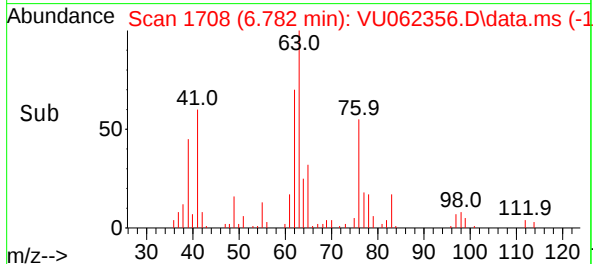
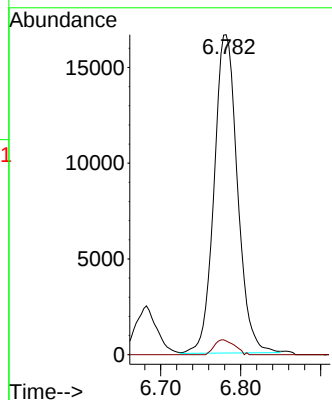
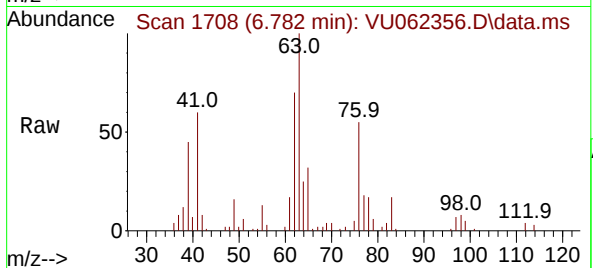




#37
1,2-Dichloropropane
Concen: 4.591 ug/L
RT: 6.782 min Scan# 1708
Delta R.T. 0.000 min
Lab File: VU062356.D
Acq: 16 Dec 2024 20:07

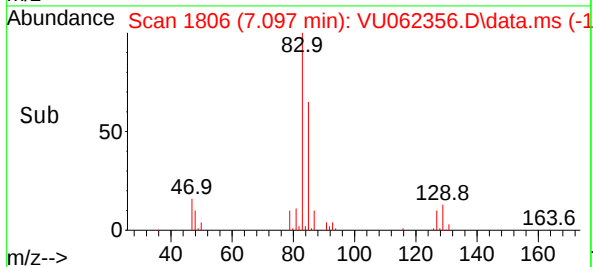
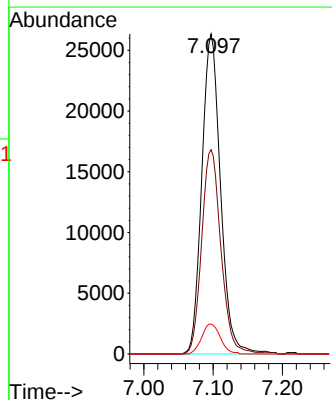
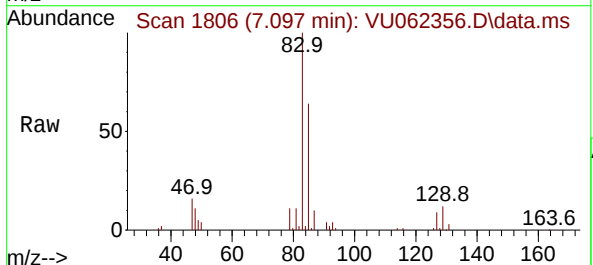
Instrument :
MSVOA_U
ClientSampleId :

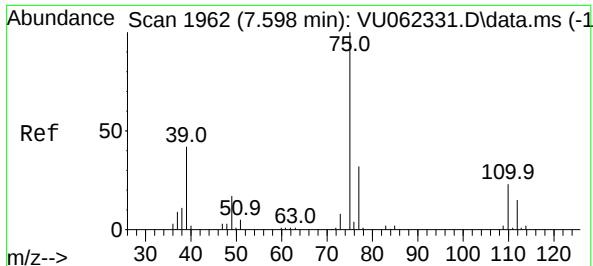
Tgt Ion: 63 Resp: 33742
Ion Ratio Lower Upper
63 100
112 4.0 3.4 5.0



#38
Bromodichloromethane
Concen: 4.769 ug/L
RT: 7.097 min Scan# 1806
Delta R.T. 0.000 min
Lab File: VU062356.D
Acq: 16 Dec 2024 20:07

Tgt Ion: 83 Resp: 49458
Ion Ratio Lower Upper
83 100
85 63.8 44.1 81.9
127 9.3 6.9 10.3





#39

cis-1,3-Dichloropropene

Concen: 4.530 ug/L

RT: 7.599 min Scan# 1962

Delta R.T. 0.000 min

Lab File: VU062356.D

Acq: 16 Dec 2024 20:07

Instrument :

MSVOA_U

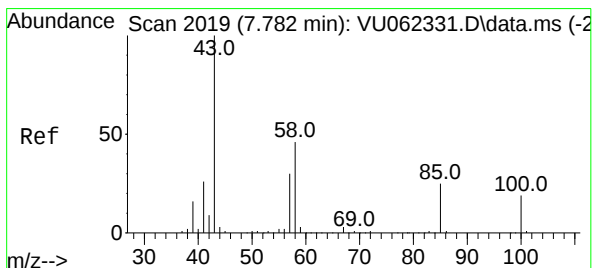
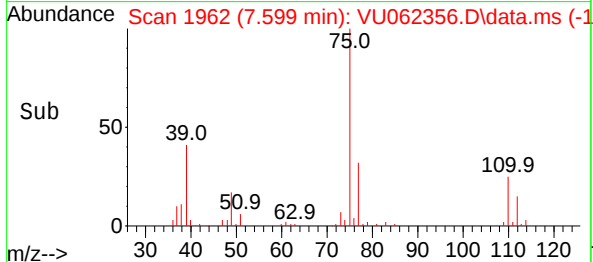
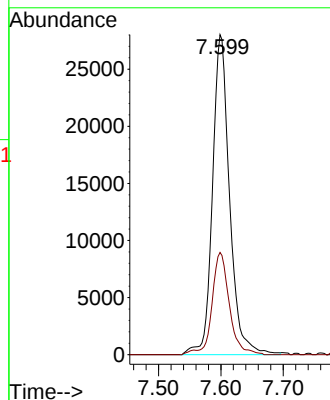
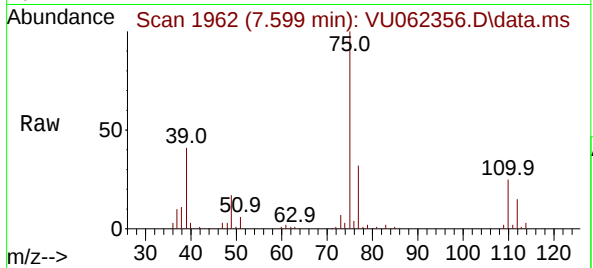
ClientSampleId :

Tgt Ion: 75 Resp: 53366

Ion Ratio Lower Upper

75 100

77 31.9 22.3 41.3



#40

4-Methyl-2-pentanone

Concen: 46.177 ug/L

RT: 7.782 min Scan# 2019

Delta R.T. 0.000 min

Lab File: VU062356.D

Acq: 16 Dec 2024 20:07

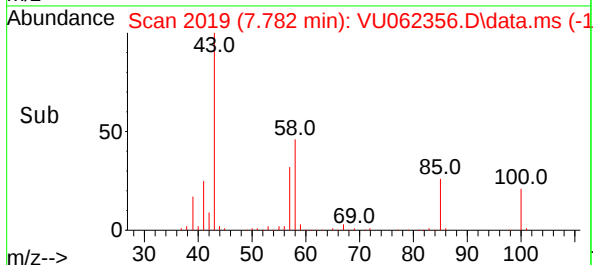
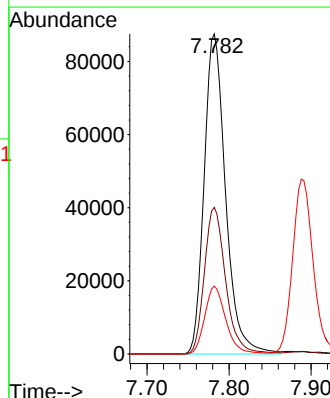
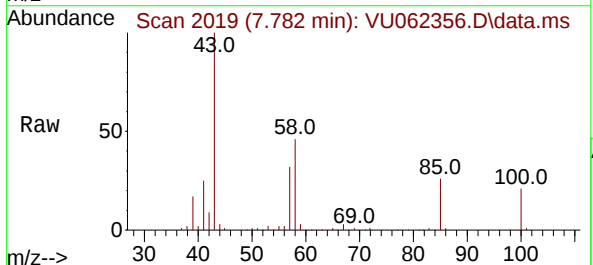
Tgt Ion: 43 Resp: 159072

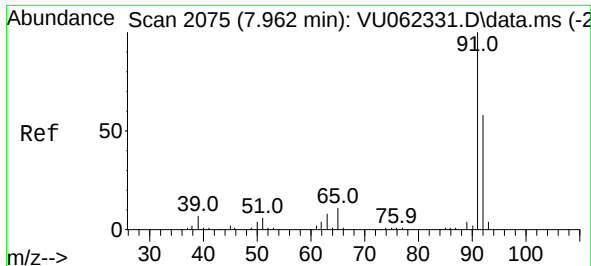
Ion Ratio Lower Upper

43 100

58 45.5 33.3 49.9

100 20.9 12.4 18.6#





#42

Toluene

Concen: 4.670 ug/L

RT: 7.962 min Scan# 2075

Delta R.T. 0.000 min

Lab File: VU062356.D

Acq: 16 Dec 2024 20:07

Instrument :

MSVOA_U

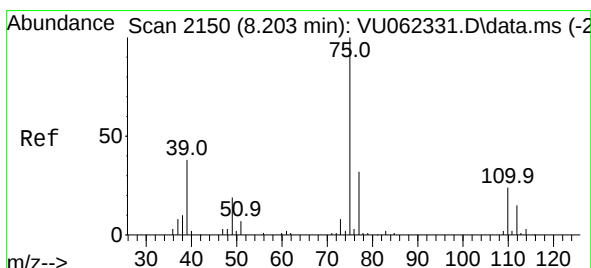
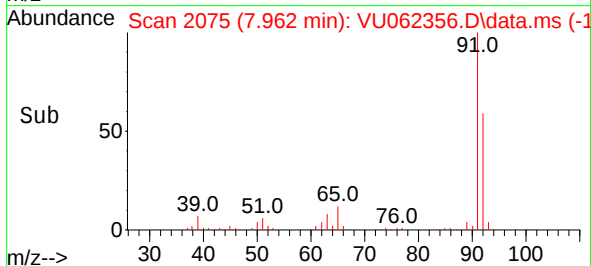
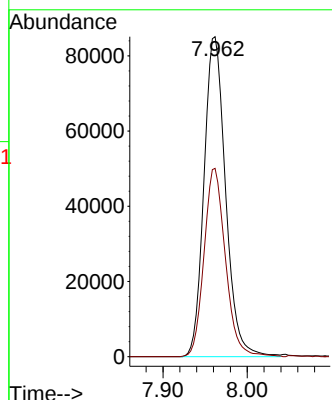
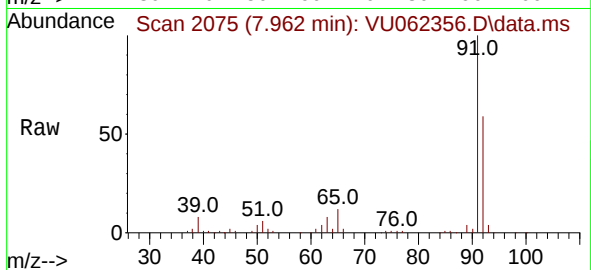
ClientSampleId :

Tgt Ion: 91 Resp: 151989

Ion Ratio Lower Upper

91 100

92 58.8 39.0 72.4



#44

trans-1,3-Dichloropropene

Concen: 4.793 ug/L

RT: 8.203 min Scan# 2150

Delta R.T. 0.000 min

Lab File: VU062356.D

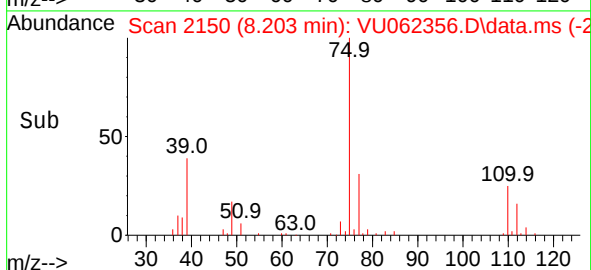
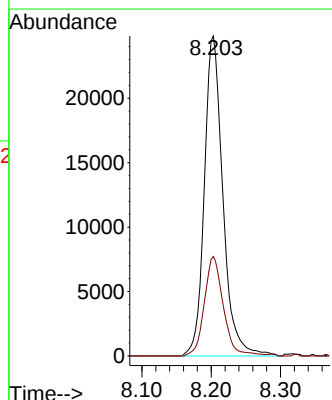
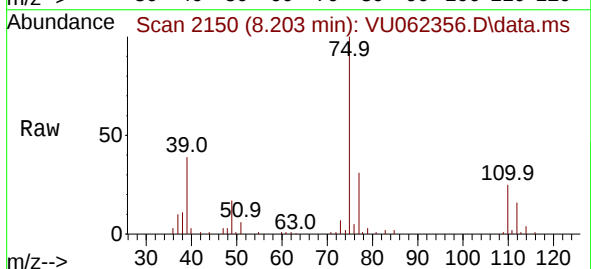
Acq: 16 Dec 2024 20:07

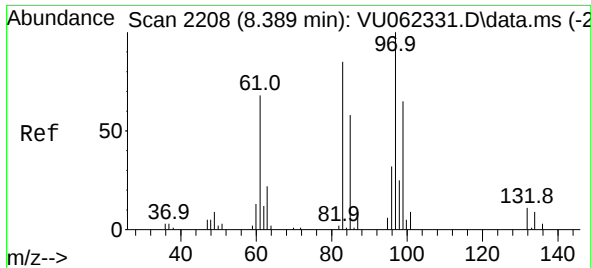
Tgt Ion: 75 Resp: 46111

Ion Ratio Lower Upper

75 100

77 31.1 21.8 40.4

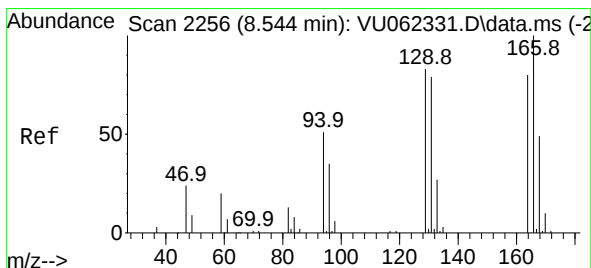
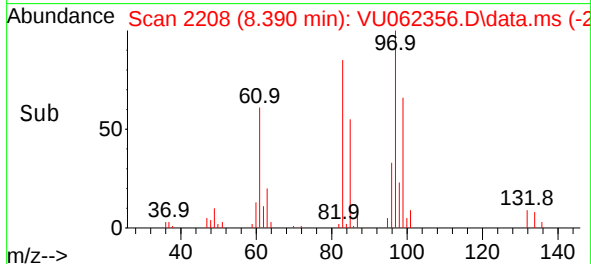
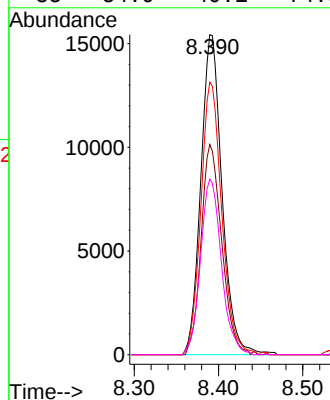
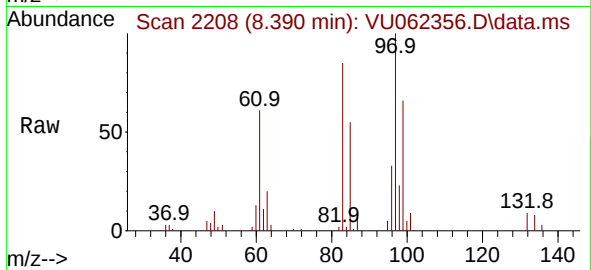




#45
1,1,2-Trichloroethane
Concen: 4.878 ug/L
RT: 8.390 min Scan# 2208
Delta R.T. 0.000 min
Lab File: VU062356.D
Acq: 16 Dec 2024 20:07

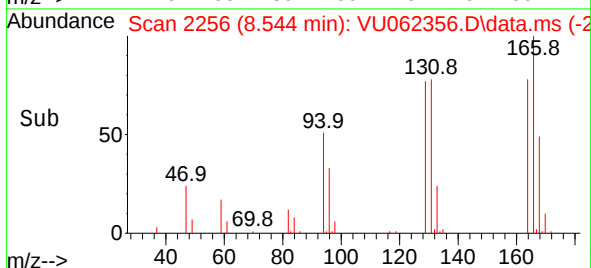
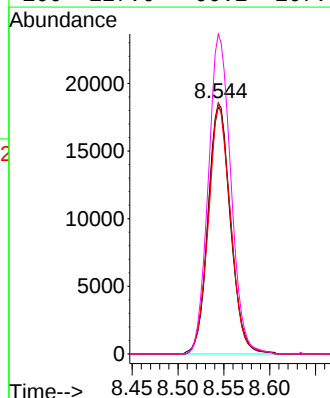
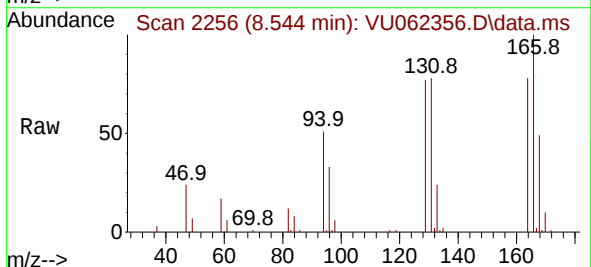
Instrument :
MSVOA_U
ClientSampleId :

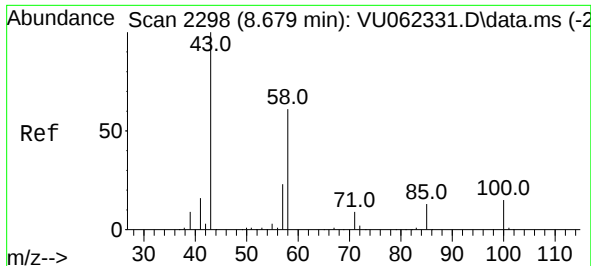
Tgt Ion:	97	Resp:	27067
Ion	Ratio	Lower	Upper
97	100		
99	65.7	43.0	79.8
83	85.1	61.7	114.5
85	54.9	40.1	74.5



#47
Tetrachloroethene
Concen: 4.754 ug/L
RT: 8.544 min Scan# 2256
Delta R.T. 0.000 min
Lab File: VU062356.D
Acq: 16 Dec 2024 20:07

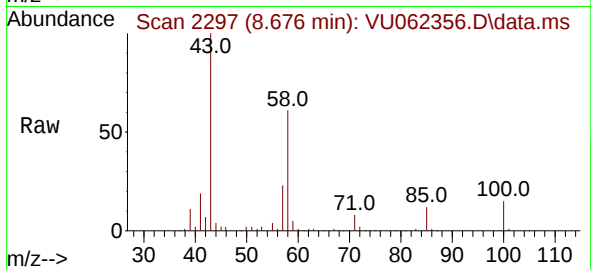
Tgt Ion:	164	Resp:	31380
Ion	Ratio	Lower	Upper
164	100		
129	98.3	73.2	136.0
131	100.0	72.3	134.3
166	127.6	90.2	167.4



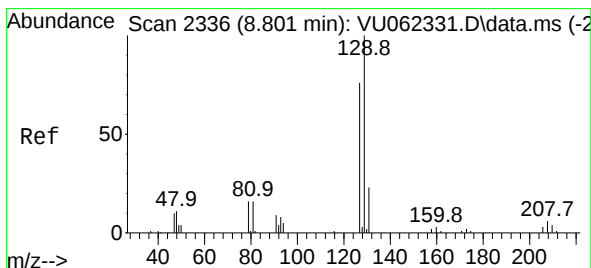
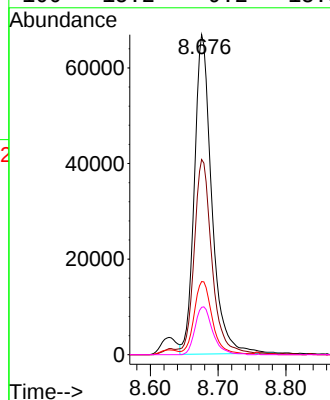
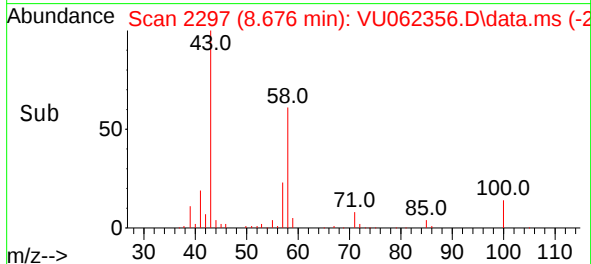


#48
2-Hexanone
Concen: 46.865 ug/L
RT: 8.676 min Scan# 21
Delta R.T. -0.003 min
Lab File: VU062356.D
Acq: 16 Dec 2024 20:07

Instrument :
MSVOA_U
ClientSampleId :

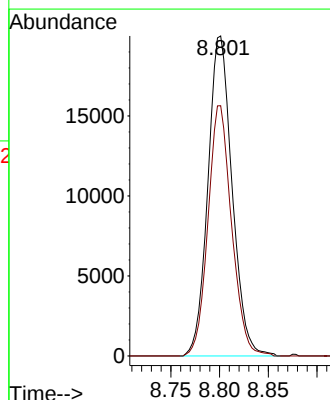
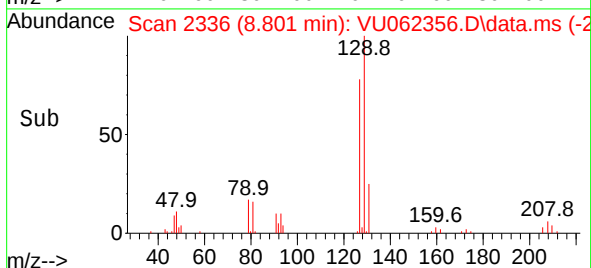
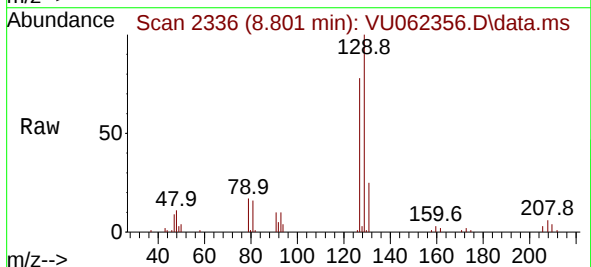


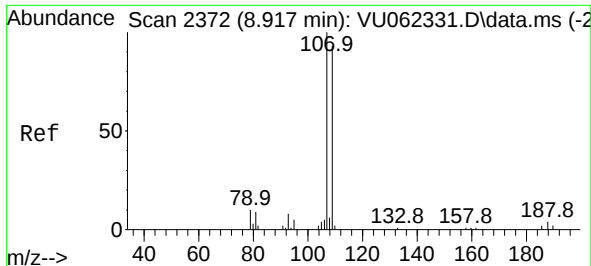
Tgt Ion: 43 Resp: 119310
Ion Ratio Lower Upper
43 100
58 61.3 47.5 71.3
57 23.3 15.6 23.4
100 15.2 9.2 13.8#



#49
Dibromochloromethane
Concen: 5.156 ug/L
RT: 8.801 min Scan# 2336
Delta R.T. 0.000 min
Lab File: VU062356.D
Acq: 16 Dec 2024 20:07

Tgt Ion: 129 Resp: 34565
Ion Ratio Lower Upper
129 100
127 78.2 51.1 94.9





#50

1,2-Dibromoethane

Concen: 4.928 ug/L

RT: 8.914 min Scan# 2371

Delta R.T. -0.003 min

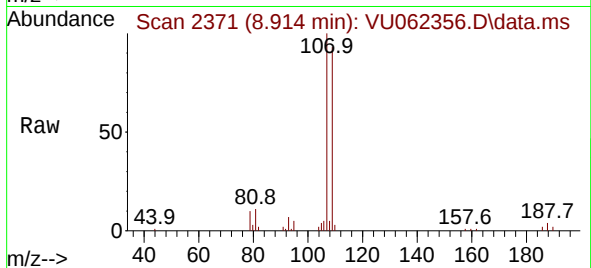
Lab File: VU062356.D

Acq: 16 Dec 2024 20:07

Instrument :

MSVOA_U

ClientSampleId :



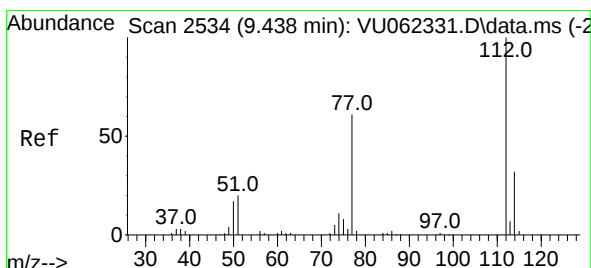
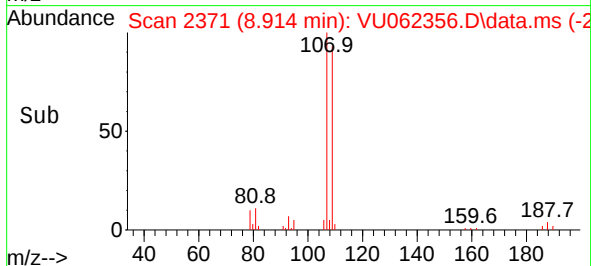
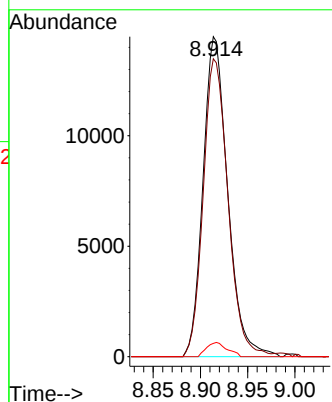
Tgt Ion:107 Resp: 26275

Ion Ratio Lower Upper

107 100

109 93.1 66.8 124.2

188 4.1 2.3 3.5#



#51

Chlorobenzene

Concen: 4.822 ug/L

RT: 9.438 min Scan# 2534

Delta R.T. 0.000 min

Lab File: VU062356.D

Acq: 16 Dec 2024 20:07

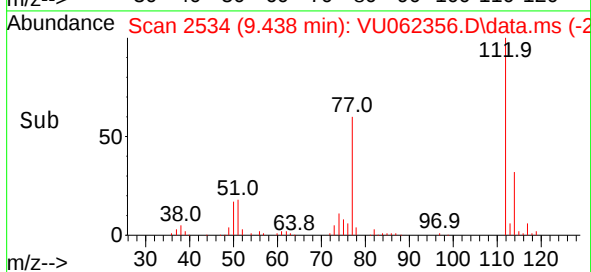
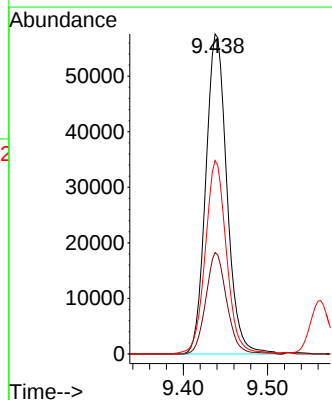
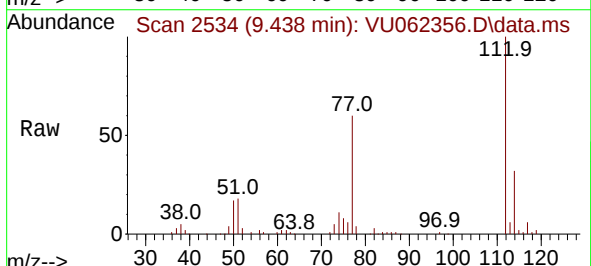
Tgt Ion:112 Resp: 100556

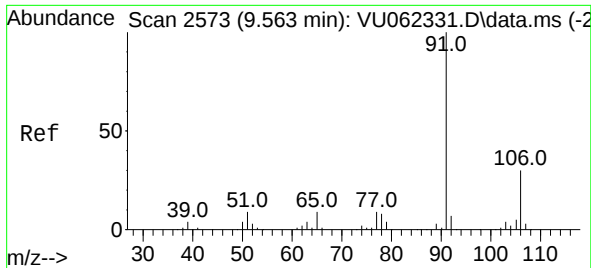
Ion Ratio Lower Upper

112 100

114 31.7 23.0 42.6

77 60.5 50.5 75.7

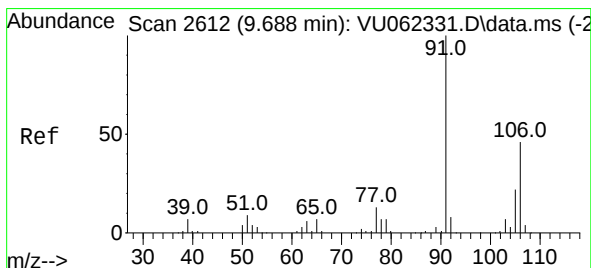
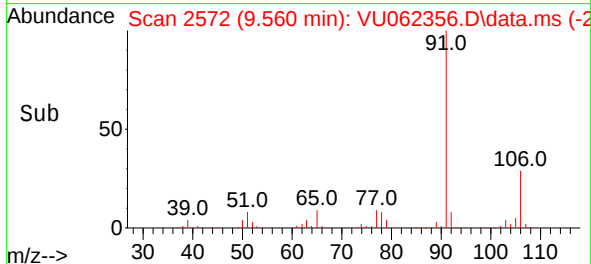
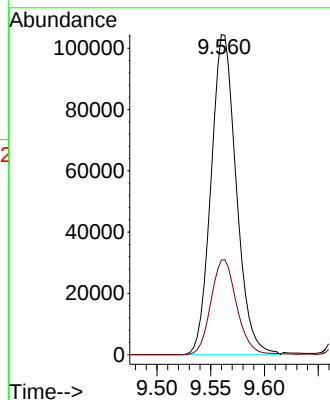
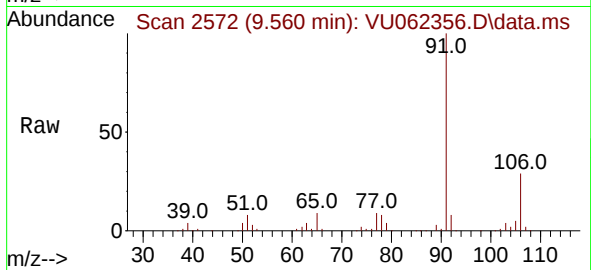




#52
Ethylbenzene
Concen: 4.664 ug/L
RT: 9.560 min Scan# 2572
Delta R.T. -0.003 min
Lab File: VU062356.D
Acq: 16 Dec 2024 20:07

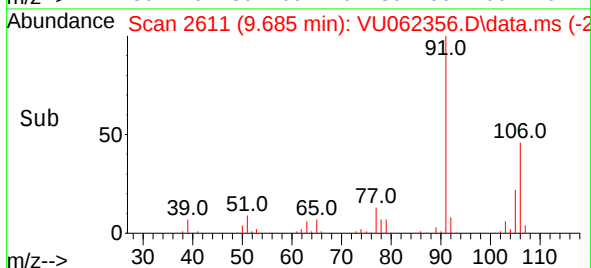
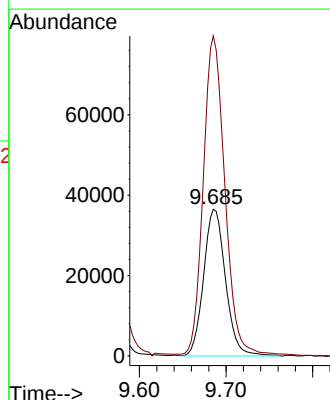
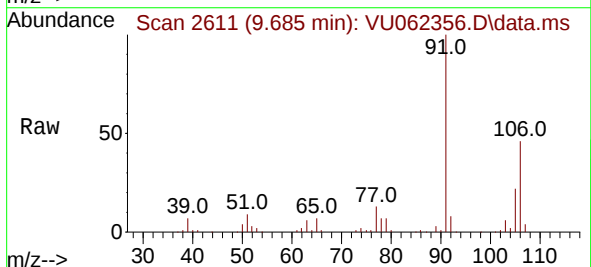
Instrument :
MSVOA_U
ClientSampleId :

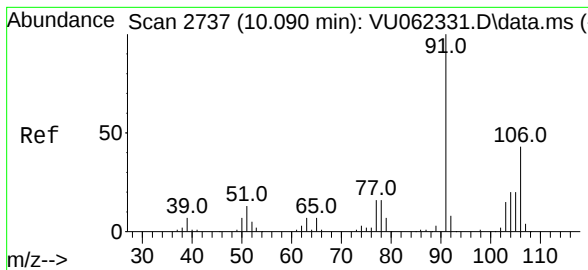
Tgt Ion: 91 Resp: 170201
Ion Ratio Lower Upper
91 100
106 29.5 21.6 40.0



#53
m,p-Xylene
Concen: 4.759 ug/L
RT: 9.685 min Scan# 2611
Delta R.T. -0.003 min
Lab File: VU062356.D
Acq: 16 Dec 2024 20:07

Tgt Ion:106 Resp: 64120
Ion Ratio Lower Upper
106 100
91 218.0 147.6 274.0

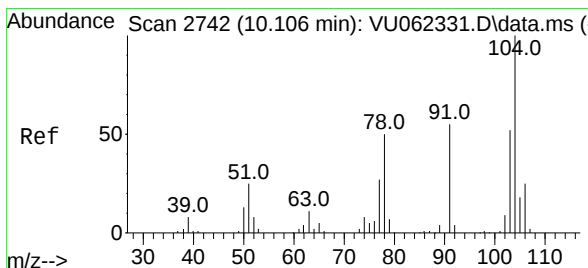
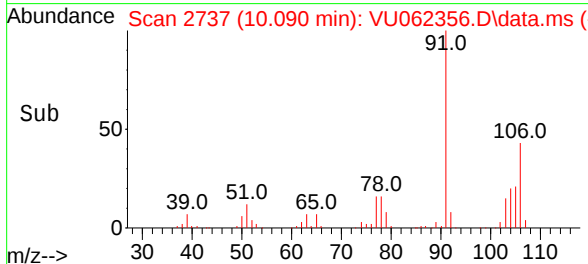
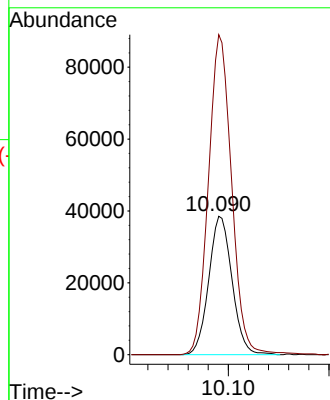
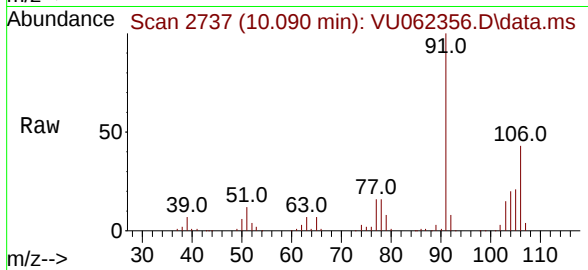




#54
o-Xylene
Concen: 4.722 ug/L
RT: 10.090 min Scan# 2737
Delta R.T. 0.000 min
Lab File: VU062356.D
Acq: 16 Dec 2024 20:07

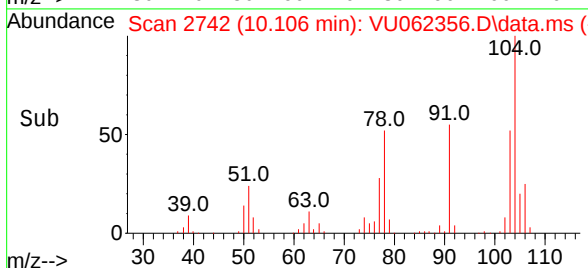
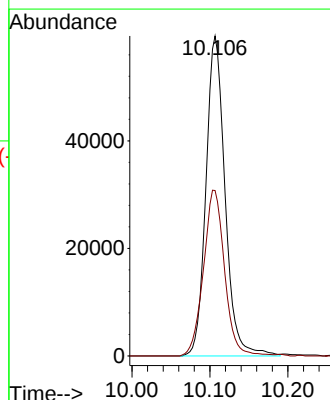
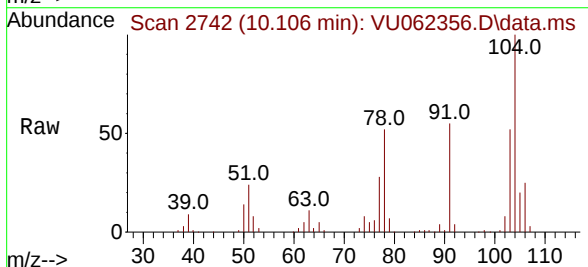
Instrument :
MSVOA_U
ClientSampleId :

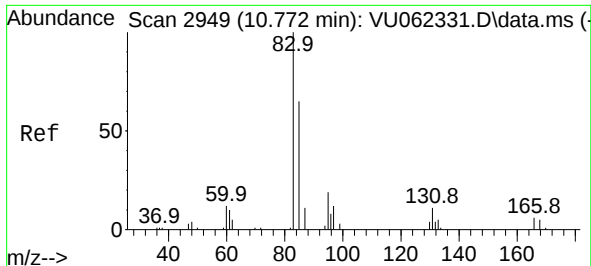
Tgt Ion:106 Resp: 61875
Ion Ratio Lower Upper
106 100
91 231.2 159.8 296.8



#55
Styrene
Concen: 4.696 ug/L
RT: 10.106 min Scan# 2742
Delta R.T. 0.000 min
Lab File: VU062356.D
Acq: 16 Dec 2024 20:07

Tgt Ion:104 Resp: 101436
Ion Ratio Lower Upper
104 100
78 51.7 33.2 61.7





#57

1,1,2,2-Tetrachloroethane

Concen: 4.760 ug/L

RT: 10.775 min Scan# 2949

Delta R.T. 0.003 min

Lab File: VU062356.D

Acq: 16 Dec 2024 20:07

Instrument :

MSVOA_U

ClientSampleId :

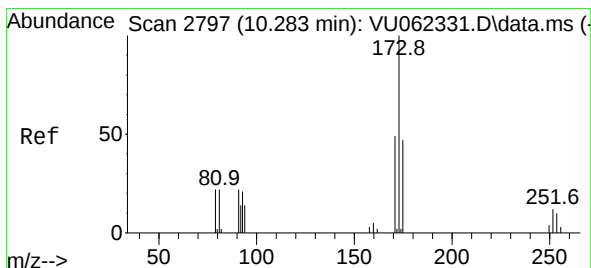
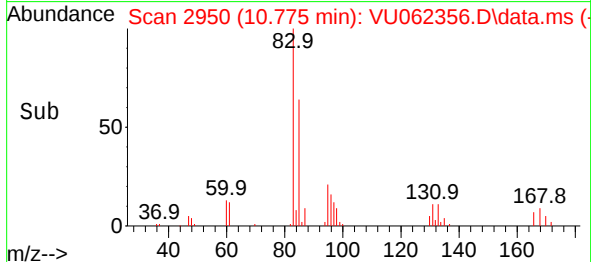
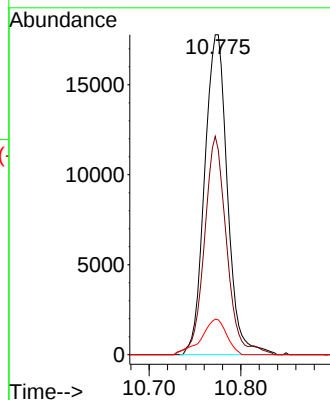
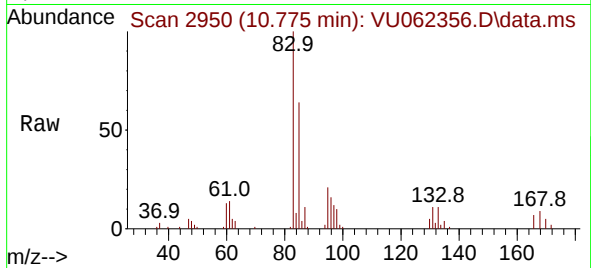
Tgt Ion: 83 Resp: 30739

Ion Ratio Lower Upper

83 100

85 64.0 44.4 82.4

131 10.9 7.3 10.9



#59

Bromoform

Concen: 5.068 ug/L

RT: 10.280 min Scan# 2796

Delta R.T. -0.003 min

Lab File: VU062356.D

Acq: 16 Dec 2024 20:07

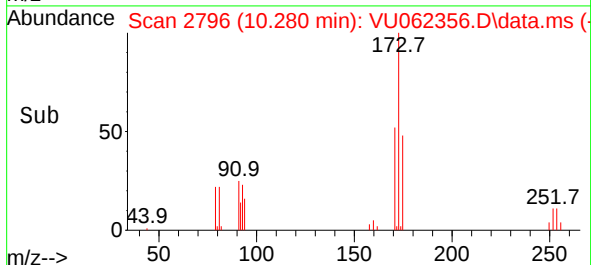
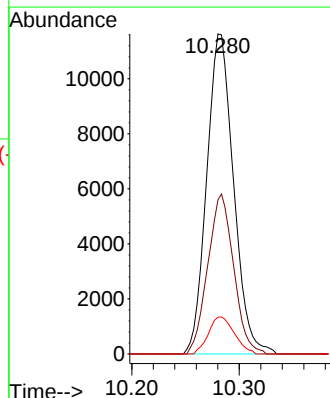
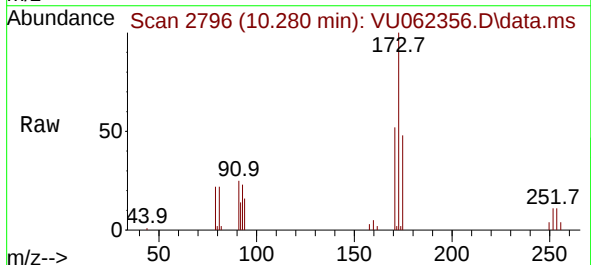
Tgt Ion:173 Resp: 20186

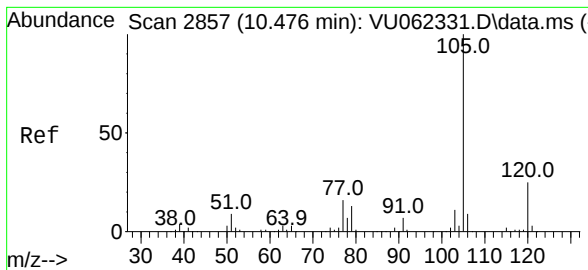
Ion Ratio Lower Upper

173 100

175 48.1 39.0 58.4

254 11.2 7.4 11.0#





#60

Isopropylbenzene

Concen: 4.710 ug/L

RT: 10.476 min Scan# 2857

Delta R.T. 0.000 min

Lab File: VU062356.D

Acq: 16 Dec 2024 20:07

Instrument :

MSVOA_U

ClientSampleId :

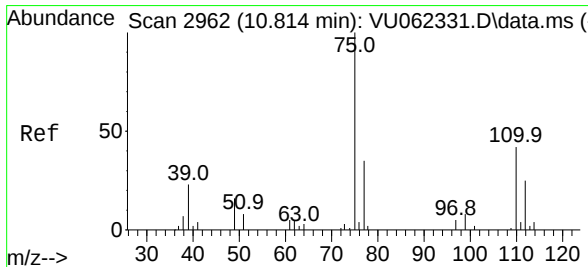
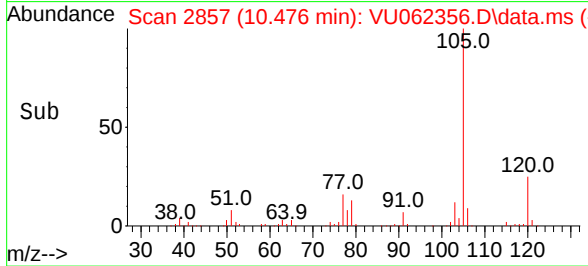
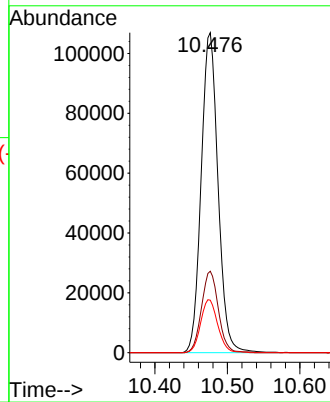
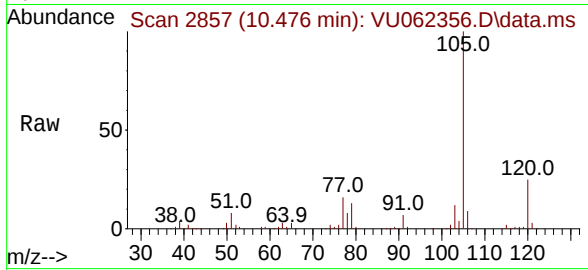
Tgt Ion:105 Resp: 172417

Ion Ratio Lower Upper

105 100

120 25.5 20.6 31.0

77 16.8 13.0 19.6



#61

1,2,3-Trichloropropane

Concen: 4.623 ug/L

RT: 10.814 min Scan# 2962

Delta R.T. 0.000 min

Lab File: VU062356.D

Acq: 16 Dec 2024 20:07

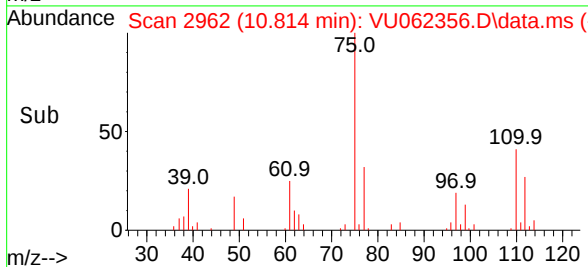
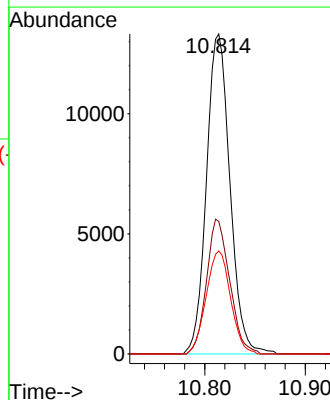
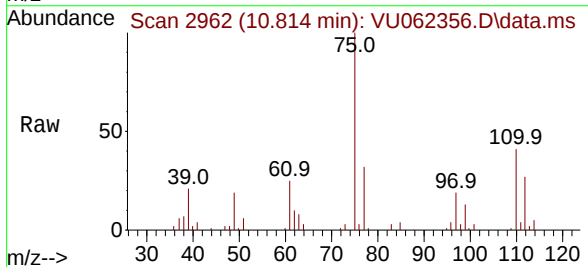
Tgt Ion: 75 Resp: 21663

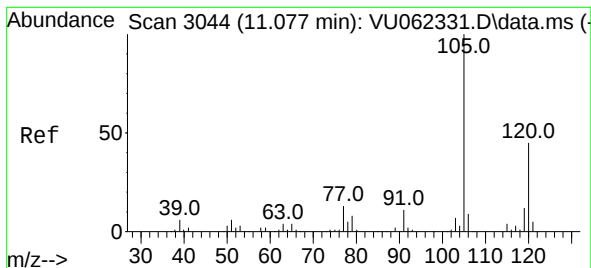
Ion Ratio Lower Upper

75 100

110 41.6 28.9 43.3

77 33.4 26.5 39.7





#62

1,3,5-Trimethylbenzene

Concen: 4.665 ug/L

RT: 11.081 min Scan# 3044

Delta R.T. 0.003 min

Lab File: VU062356.D

Acq: 16 Dec 2024 20:07

Instrument :

MSVOA_U

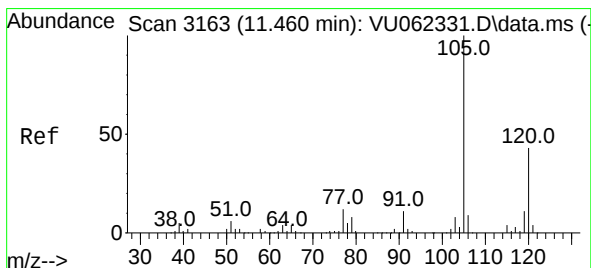
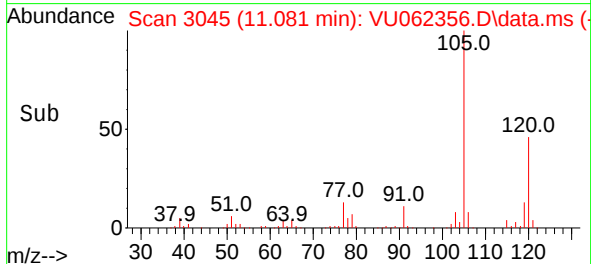
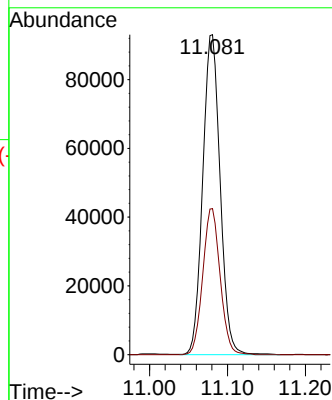
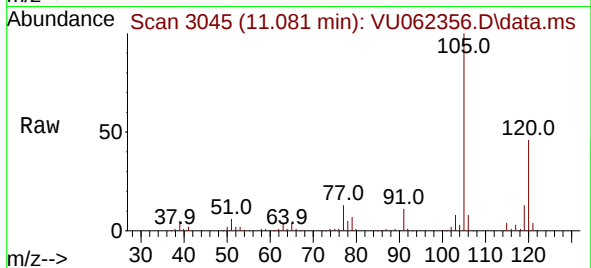
ClientSampleId :

Tgt Ion:105 Resp: 144528

Ion Ratio Lower Upper

105 100

120 45.5 36.7 55.1



#63

1,2,4-Trimethylbenzene

Concen: 4.619 ug/L

RT: 11.460 min Scan# 3163

Delta R.T. 0.000 min

Lab File: VU062356.D

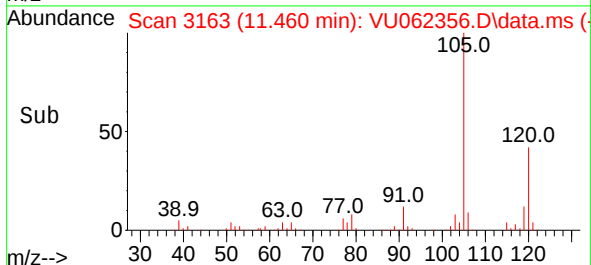
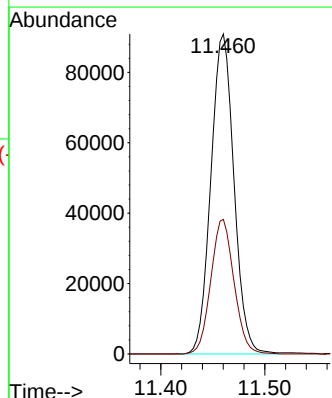
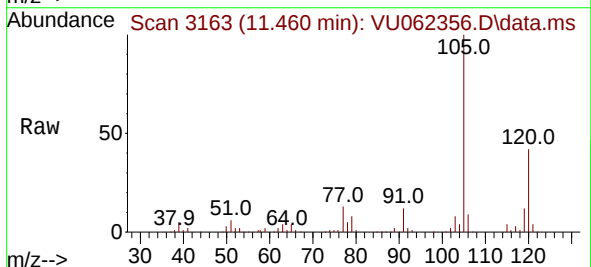
Acq: 16 Dec 2024 20:07

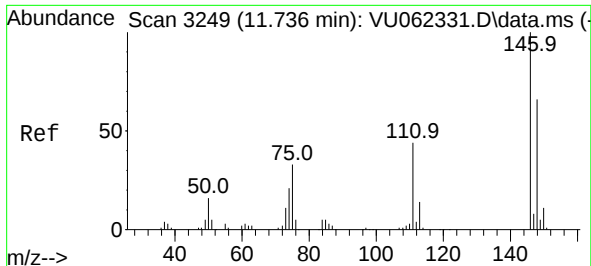
Tgt Ion:105 Resp: 140218

Ion Ratio Lower Upper

105 100

120 42.2 34.7 52.1





#64

1,3-Dichlorobenzene

Concen: 4.749 ug/L

RT: 11.737 min Scan# 3249

Delta R.T. 0.000 min

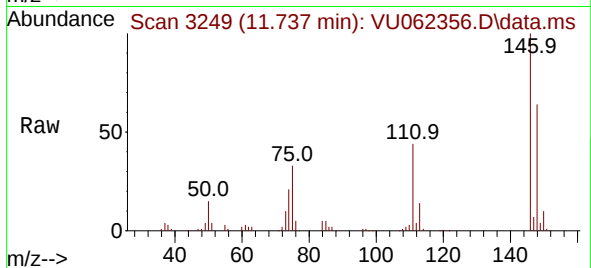
Lab File: VU062356.D

Acq: 16 Dec 2024 20:07

Instrument :

MSVOA_U

ClientSampleId :



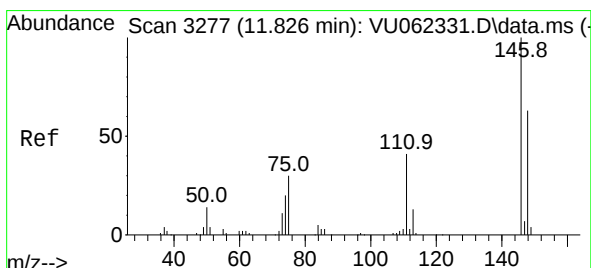
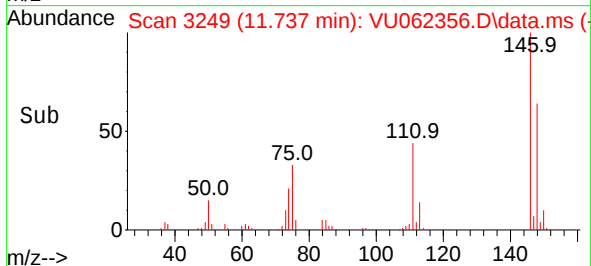
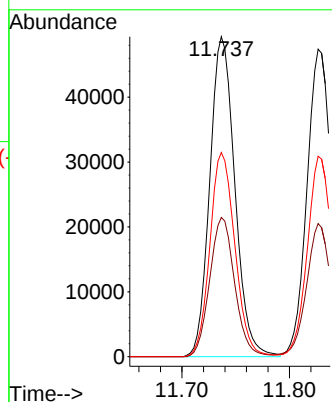
Tgt Ion:146 Resp: 79859

Ion Ratio Lower Upper

146 100

111 43.5 30.7 57.1

148 63.8 45.1 83.7



#65

1,4-Dichlorobenzene

Concen: 4.607 ug/L

RT: 11.827 min Scan# 3277

Delta R.T. 0.000 min

Lab File: VU062356.D

Acq: 16 Dec 2024 20:07

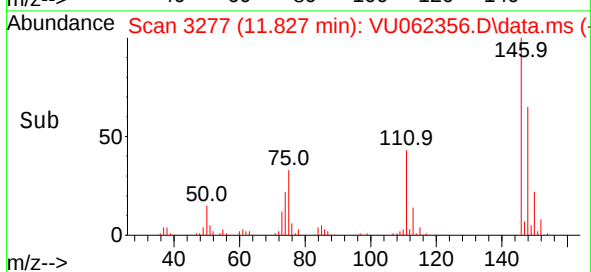
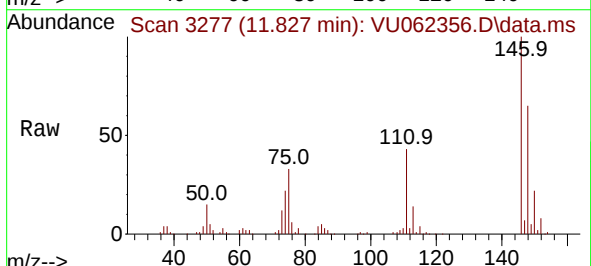
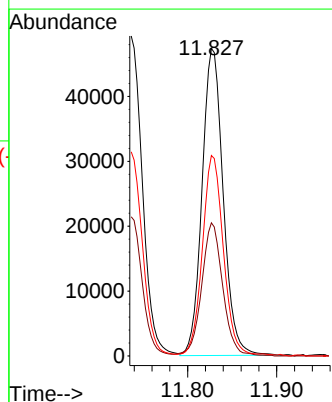
Tgt Ion:146 Resp: 78015

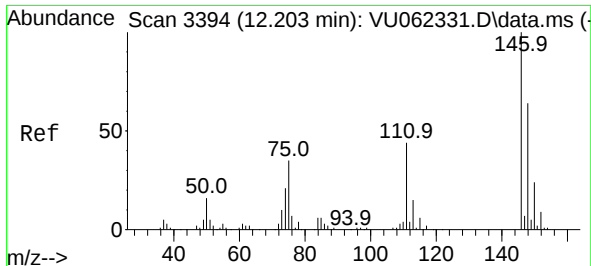
Ion Ratio Lower Upper

146 100

111 43.3 29.3 54.3

148 65.2 44.6 82.8





#67

1,2-Dichlorobenzene

Concen: 4.852 ug/L

RT: 12.203 min Scan# 3394

Delta R.T. 0.000 min

Lab File: VU062356.D

Acq: 16 Dec 2024 20:07

Instrument :

MSVOA_U

ClientSampleId :

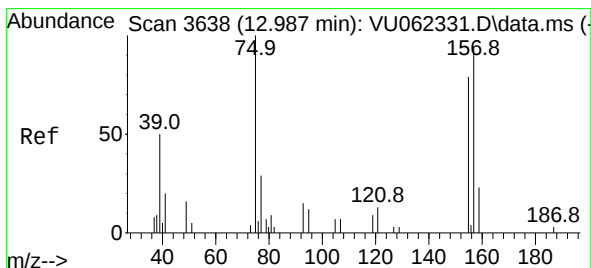
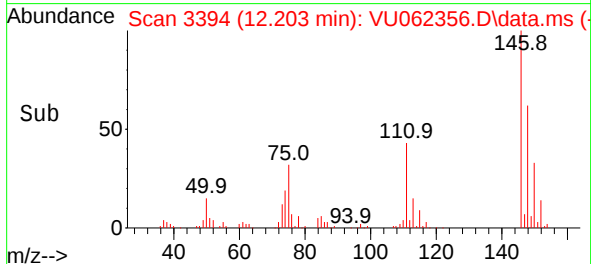
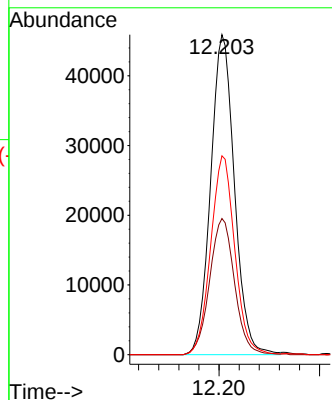
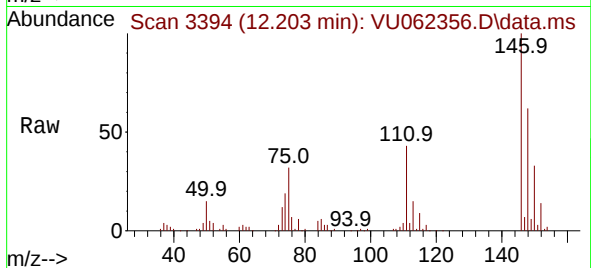
Tgt Ion:146 Resp: 75408

Ion Ratio Lower Upper

146 100

111 42.5 36.0 54.0

148 62.1 52.3 78.5



#68

1,2-Dibromo-3-chloropropane

Concen: 5.038 ug/L

RT: 12.991 min Scan# 3639

Delta R.T. 0.003 min

Lab File: VU062356.D

Acq: 16 Dec 2024 20:07

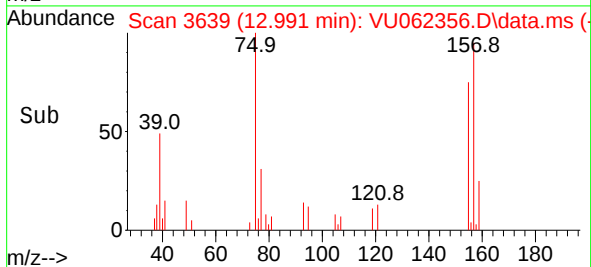
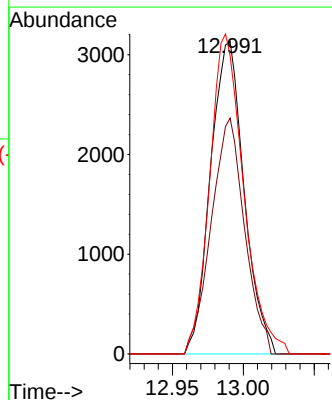
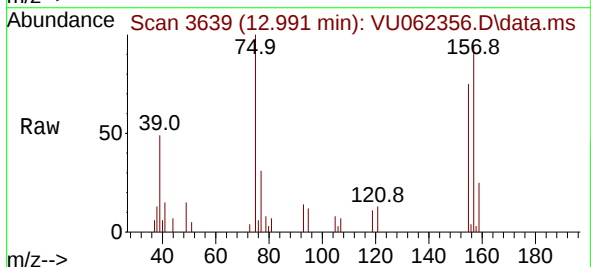
Tgt Ion: 75 Resp: 5150

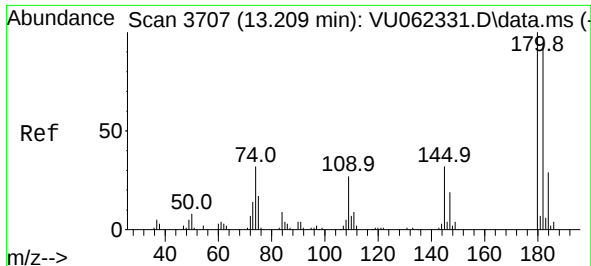
Ion Ratio Lower Upper

75 100

155 75.5 55.2 82.8

157 95.5 73.5 110.3





#69

1,3,5-Trichlorobenzene

Concen: 4.578 ug/L

RT: 13.209 min Scan# 3707

Delta R.T. 0.000 min

Lab File: VU062356.D

Acq: 16 Dec 2024 20:07

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion:180 Resp: 57228

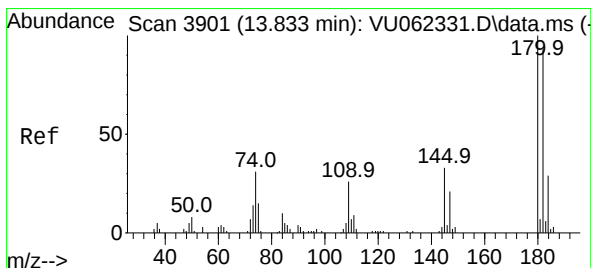
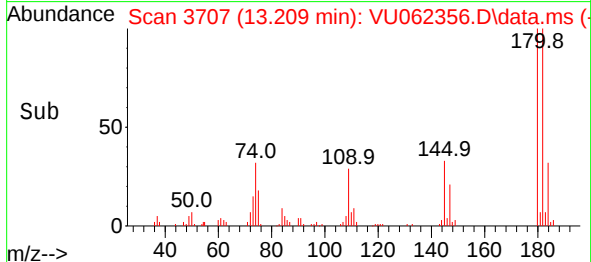
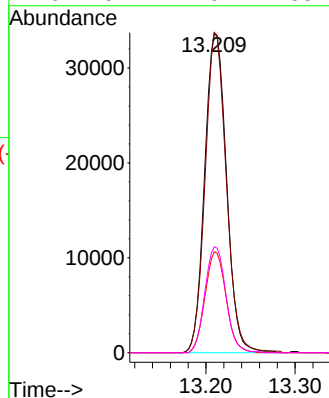
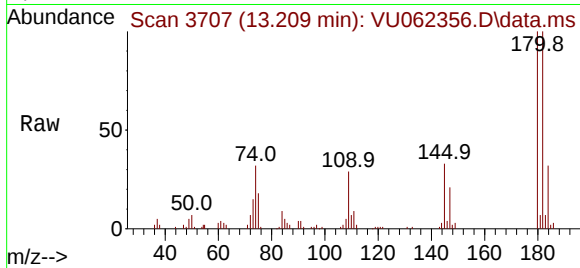
Ion Ratio Lower Upper

180 100

182 97.2 76.7 115.1

184 30.4 24.8 37.2

145 32.1 25.4 38.0



#70

1,2,4-trichlorobenzene

Concen: 4.564 ug/L

RT: 13.833 min Scan# 3901

Delta R.T. 0.000 min

Lab File: VU062356.D

Acq: 16 Dec 2024 20:07

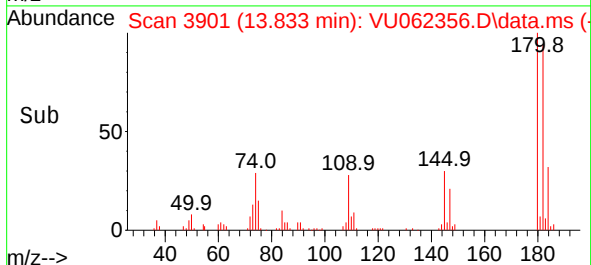
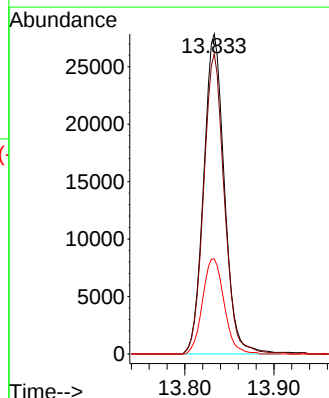
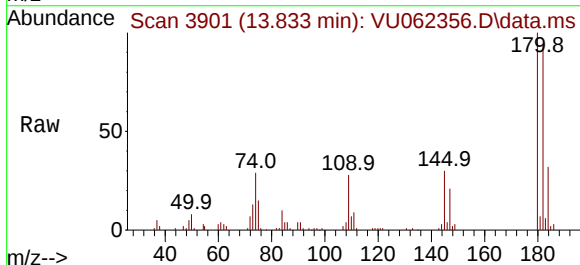
Tgt Ion:180 Resp: 45048

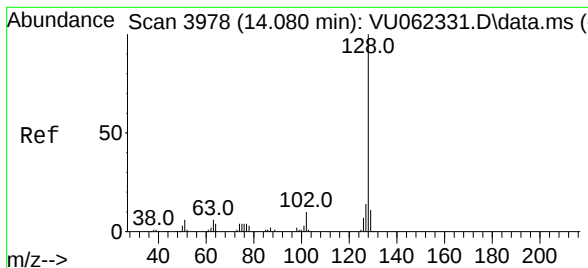
Ion Ratio Lower Upper

180 100

182 93.5 74.5 111.7

145 30.9 25.6 38.4





#71

Naphthalene

Concen: 4.005 ug/L

RT: 14.081 min Scan# 3978

Delta R.T. 0.000 min

Lab File: VU062356.D

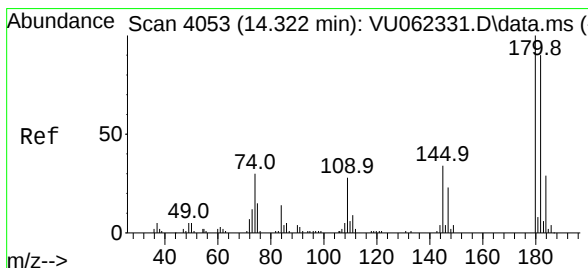
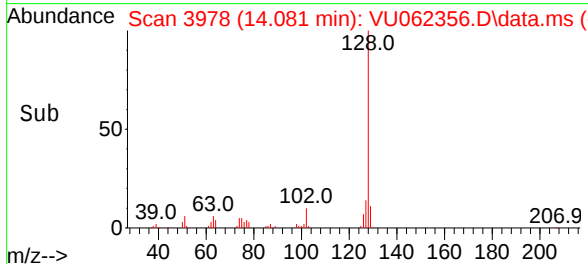
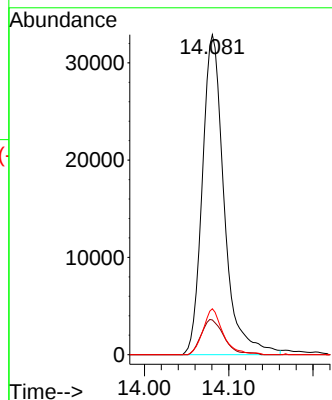
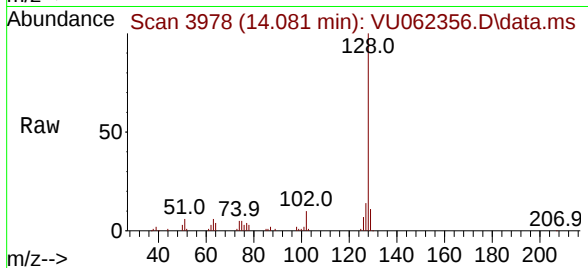
Acq: 16 Dec 2024 20:07

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion:128	Resp:	59356
Ion Ratio	Lower	Upper
128	100	
129	11.4	8.5 12.7
127	13.0	10.2 15.4



#72

1,2,3-Trichlorobenzene

Concen: 4.387 ug/L

RT: 14.322 min Scan# 4053

Delta R.T. 0.000 min

Lab File: VU062356.D

Acq: 16 Dec 2024 20:07

Tgt Ion:180	Resp:	38189
Ion Ratio	Lower	Upper
180	100	
182	95.2	76.1 114.1
145	35.1	27.4 41.0

