

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU121724\
 Data File : VU062375.D
 Acq On : 17 Dec 2024 09:03
 Operator : MD/SY
 Sample : VSTDCCC005
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Dec 18 00:04:04 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR120924WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Dec 17 01:28:58 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	107137	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	102051	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	53168	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	31433	4.350	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	87.000%
7) Chloroethane-d5	1.911	69	24501	4.767	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	95.400%
11) 1,1-Dichloroethene-d2	2.560	65	15823	4.603	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	92.000%
20) 2-Butanone-d5	4.624	46	63145	45.594	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	91.180%
24) Chloroform-d	5.052	84	74469	4.761	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.200%
26) 1,2-Dichloroethane-d4	5.695	65	37215	4.839	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.800%
32) Benzene-d6	5.717	84	133207	4.532	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.600%
36) 1,2-Dichloropropane-d6	6.682	67	37471	4.456	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	89.200%
41) Toluene-d8	7.891	98	126716	4.564	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	91.200%
43) trans-1,3-Dichloroprop...	8.174	79	17351	4.687	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	93.800%
46) 2-Hexanone-d5	8.627	63	48249	43.204	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	86.400%
56) 1,1,2,2-Tetrachloroeth...	10.746	84	29361	4.487	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	89.800%
66) 1,2-Dichlorobenzene-d4	12.187	152	46236	4.719	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	94.400%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.383	85	48884	4.871	ug/L	99
3) Chloromethane	1.515	50	34750	4.417	ug/L	98
5) Vinyl chloride	1.599	62	39372	4.807	ug/L	98
6) Bromomethane	1.853	94	24591	4.504	ug/L	95
8) Chloroethane	1.930	64	22109	4.820	ug/L	98
9) Trichlorofluoromethane	2.132	101	75034	5.278	ug/L	97
10) 1,1,2-Trichloro-1,2,2-...	2.573	101	39741	5.136	ug/L	91
12) 1,1-Dichloroethene	2.573	96	34853	4.818	ug/L	88
13) Acetone	2.640	43	46952	49.791	ug/L	98
14) Carbon disulfide	2.785	76	100153	4.378	ug/L	99
15) Methyl Acetate	2.955	43	10859	4.595	ug/L	95
16) Methylene chloride	3.036	84	35957	4.735	ug/L	89
17) Methyl tert-butyl Ether	3.354	73	85687	4.755	ug/L	97
18) trans-1,2-Dichloroethene	3.345	96	36030	4.848	ug/L	90
19) 1,1-Dichloroethane	3.859	63	65895	4.837	ug/L	98
21) 2-Butanone	4.705	43	67609	49.370	ug/L	95
22) cis-1,2-Dichloroethene	4.656	96	41158	4.940	ug/L	93
23) Bromochloromethane	4.965	128	18590	5.091	ug/L #	83
25) Chloroform	5.078	83	78626	5.124	ug/L	99

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Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Dec 18 00:04:04 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR120924WMA.M
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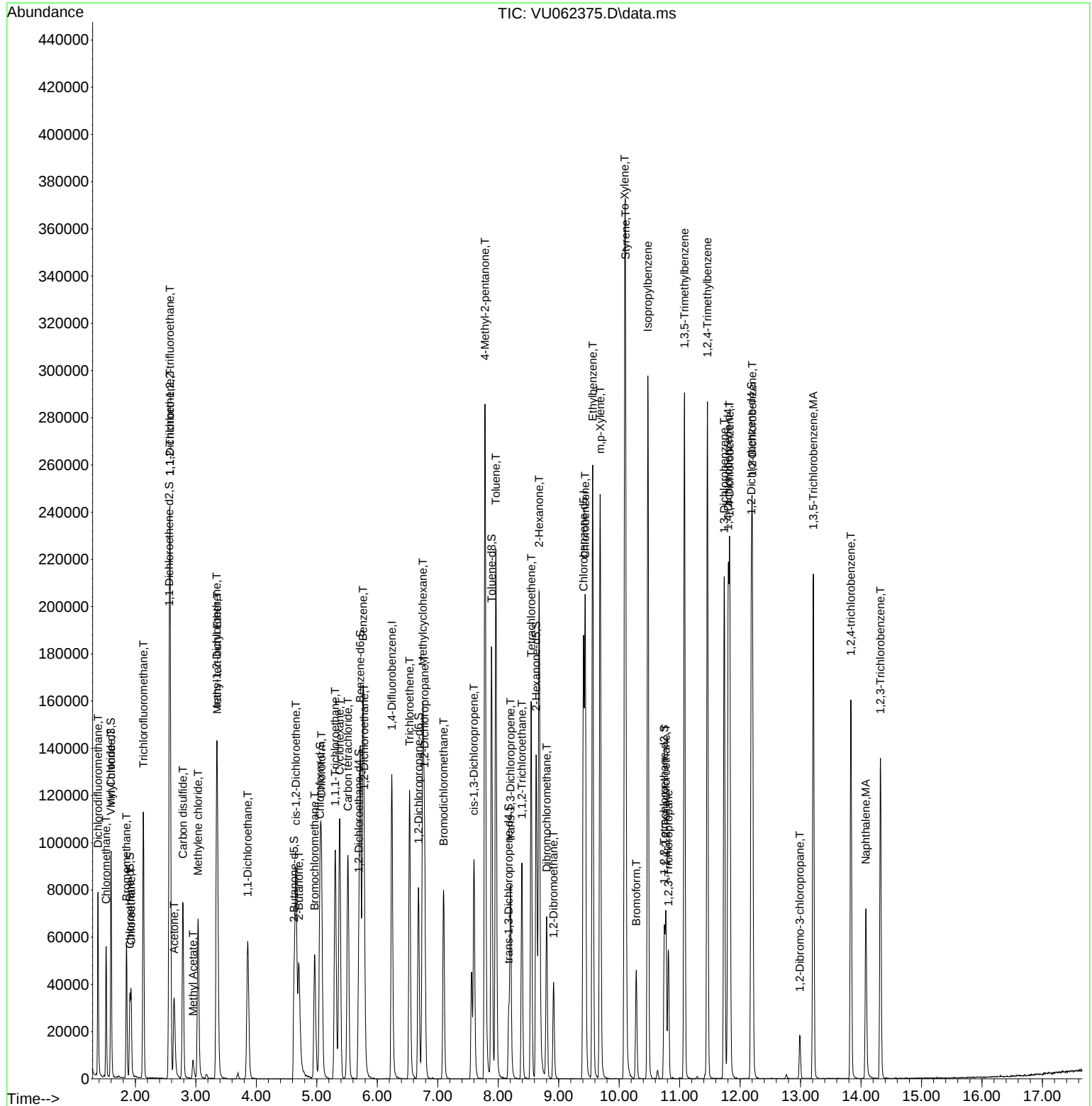
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.785	62	48763	5.000	ug/L	97
29) 1,1,1-Trichloroethane	5.306	97	75099	5.231	ug/L	95
30) Cyclohexane	5.377	56	52649	4.523	ug/L	89
31) Carbon tetrachloride	5.515	117	68220	5.182	ug/L	100
33) Benzene	5.766	78	152194	4.812	ug/L	100
34) Trichloroethene	6.534	95	43427	4.848	ug/L	96
35) Methylcyclohexane	6.753	83	64435	4.851	ug/L	96
37) 1,2-Dichloropropane	6.782	63	38114	4.949	ug/L	99
38) Bromodichloromethane	7.097	83	53340	4.909	ug/L	94
39) cis-1,3-Dichloropropene	7.598	75	58889	4.770	ug/L	100
40) 4-Methyl-2-pentanone	7.782	43	166851	46.226	ug/L #	91
42) Toluene	7.962	91	168630	4.945	ug/L	97
44) trans-1,3-Dichloropropene	8.203	75	49683	4.929	ug/L	99
45) 1,1,2-Trichloroethane	8.393	97	28293	4.866	ug/L	98
47) Tetrachloroethene	8.547	164	35480	5.130	ug/L	97
48) 2-Hexanone	8.676	43	122447	45.903	ug/L #	90
49) Dibromochloromethane	8.801	129	36562	5.205	ug/L	97
50) 1,2-Dibromoethane	8.917	107	27378	4.901	ug/L #	100
51) Chlorobenzene	9.441	112	108178	4.951	ug/L	98
52) Ethylbenzene	9.563	91	189807	4.964	ug/L	99
53) m,p-Xylene	9.688	106	72263	5.119	ug/L	97
54) o-Xylene	10.093	106	68716	5.005	ug/L	98
55) Styrene	10.106	104	114893	5.077	ug/L	96
57) 1,1,2,2-Tetrachloroethane	10.772	83	32434	4.793	ug/L #	94
59) Bromoform	10.283	173	20887	4.999	ug/L #	96
60) Isopropylbenzene	10.476	105	193341	5.034	ug/L	99
61) 1,2,3-Trichloropropane	10.814	75	23529	4.786	ug/L	96
62) 1,3,5-Trimethylbenzene	11.081	105	162921	5.012	ug/L	100
63) 1,2,4-Trimethylbenzene	11.460	105	159477	5.008	ug/L	100
64) 1,3-Dichlorobenzene	11.740	146	89167	5.054	ug/L	99
65) 1,4-Dichlorobenzene	11.830	146	86310	4.858	ug/L	98
67) 1,2-Dichlorobenzene	12.203	146	80731	4.952	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.987	75	5164	4.815	ug/L #	81
69) 1,3,5-Trichlorobenzene	13.212	180	67950	5.181	ug/L	99
70) 1,2,4-trichlorobenzene	13.833	180	50640	4.891	ug/L	98
71) Naphthalene	14.080	128	65003	4.181	ug/L	99
72) 1,2,3-Trichlorobenzene	14.322	180	42824	4.690	ug/L	97

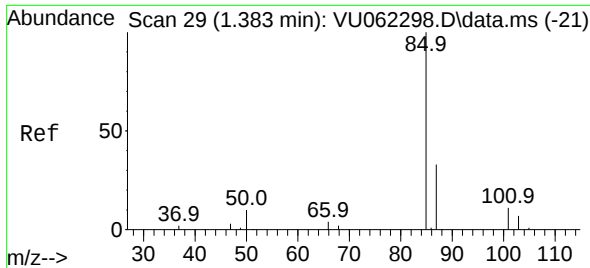
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Data File : VU062375.D
Acq On : 17 Dec 2024 09:03
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ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :

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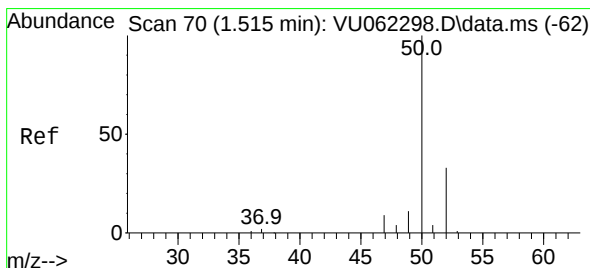
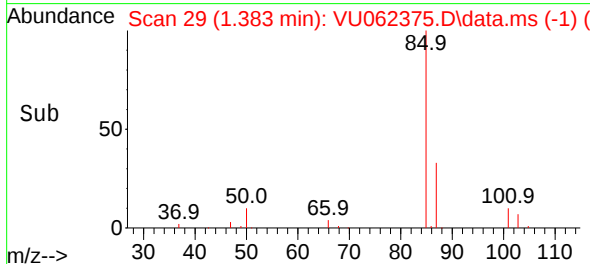
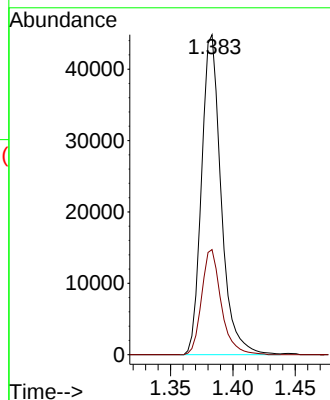
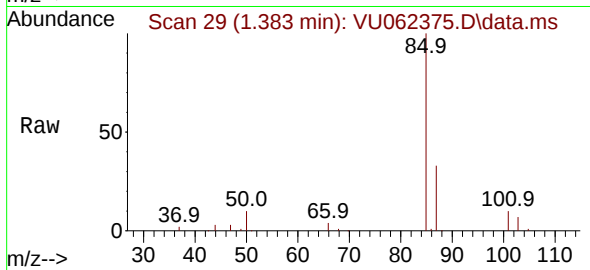




#2
 Dichlorodifluoromethane
 Concen: 4.871 ug/L
 RT: 1.383 min Scan# 20
 Delta R.T. 0.000 min
 Lab File: VU062375.D
 Acq: 17 Dec 2024 09:03

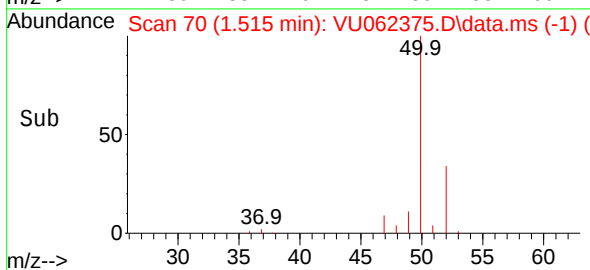
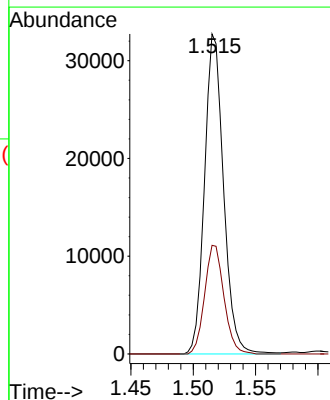
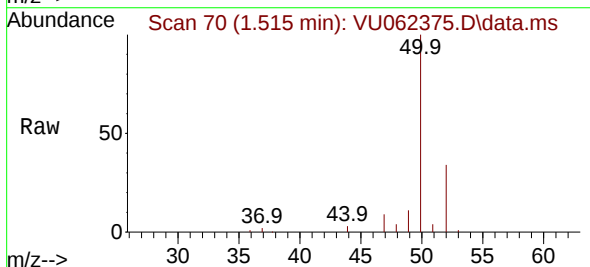
Instrument :
 MSVOA_U
 ClientSampleId :

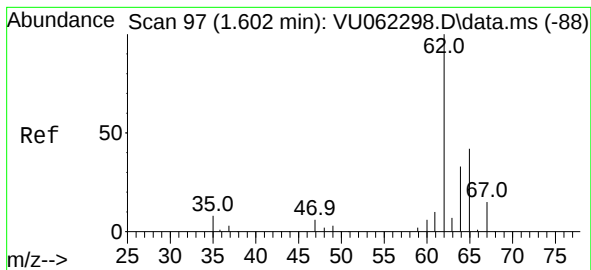
Tgt Ion: 85 Resp: 48884
 Ion Ratio Lower Upper
 85 100
 87 32.9 26.6 40.0



#3
 Chloromethane
 Concen: 4.417 ug/L
 RT: 1.515 min Scan# 70
 Delta R.T. 0.000 min
 Lab File: VU062375.D
 Acq: 17 Dec 2024 09:03

Tgt Ion: 50 Resp: 34750
 Ion Ratio Lower Upper
 50 100
 52 34.0 23.1 42.9





#5

Vinyl chloride

Concen: 4.807 ug/L

RT: 1.599 min Scan# 9

Delta R.T. 0.000 min

Lab File: VU062375.D

Acq: 17 Dec 2024 09:03

Instrument :

MSVOA_U

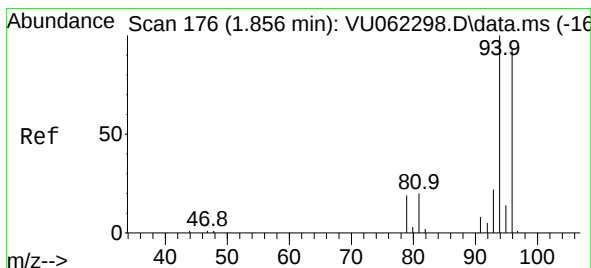
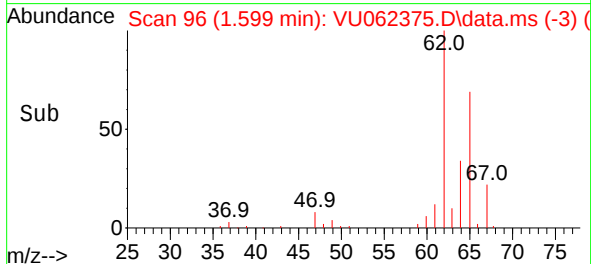
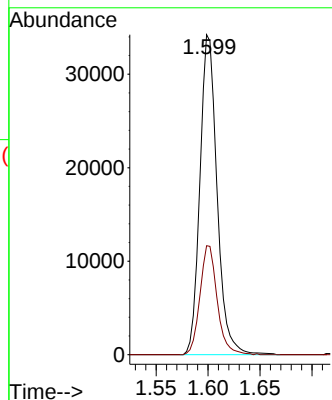
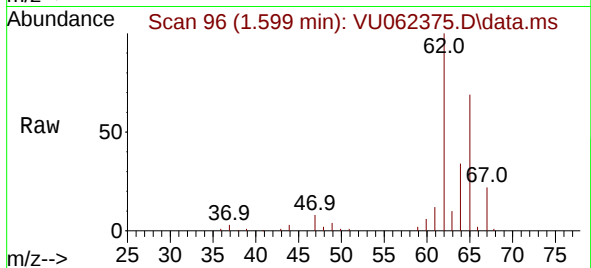
ClientSampleId :

Tgt Ion: 62 Resp: 39372

Ion Ratio Lower Upper

62 100

64 34.1 23.1 42.9



#6

Bromomethane

Concen: 4.504 ug/L

RT: 1.853 min Scan# 175

Delta R.T. 0.000 min

Lab File: VU062375.D

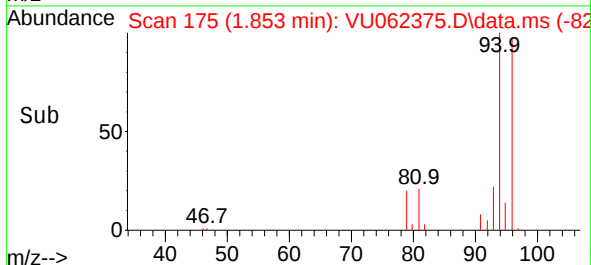
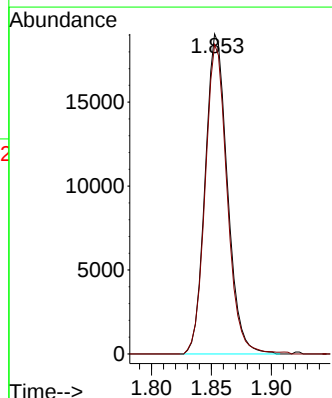
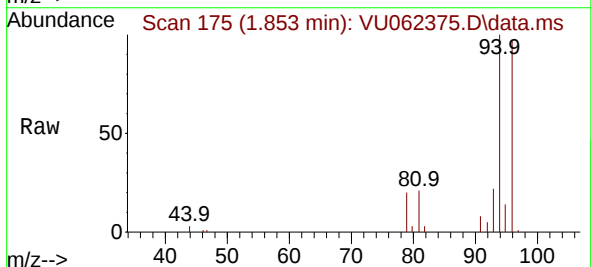
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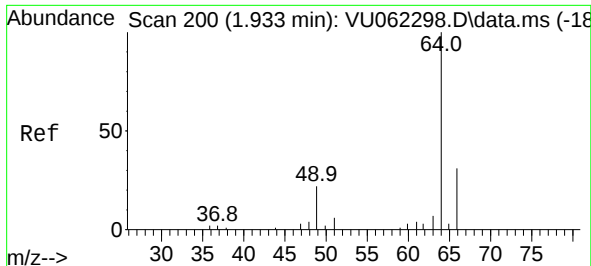
Tgt Ion: 94 Resp: 24591

Ion Ratio Lower Upper

94 100

96 96.7 64.5 119.9

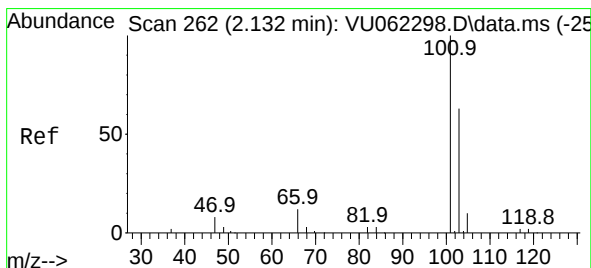
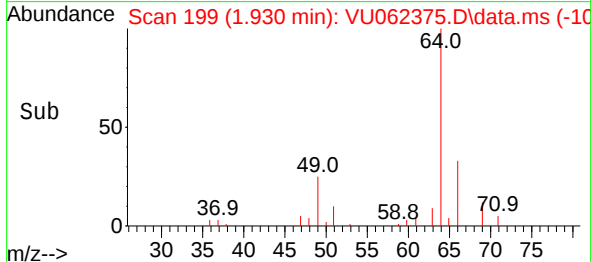
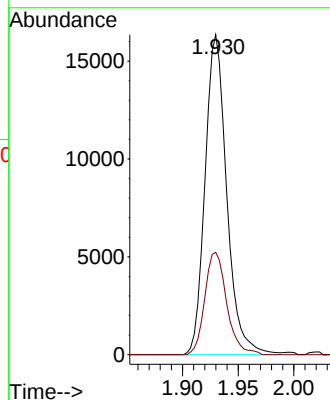
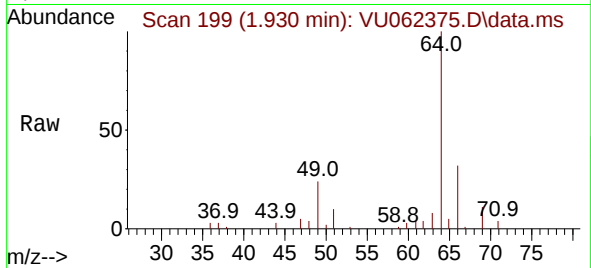




#8
Chloroethane
Concen: 4.820 ug/L
RT: 1.930 min Scan# 199
Delta R.T. 0.000 min
Lab File: VU062375.D
Acq: 17 Dec 2024 09:03

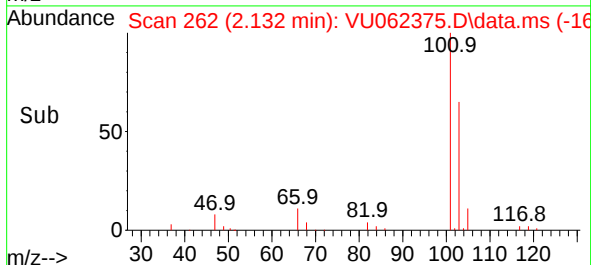
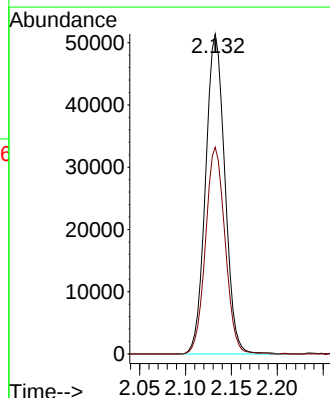
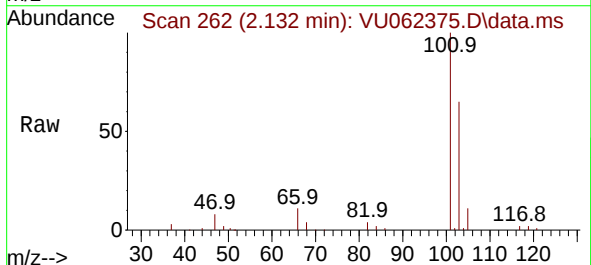
Instrument :
MSVOA_U
ClientSampleId :

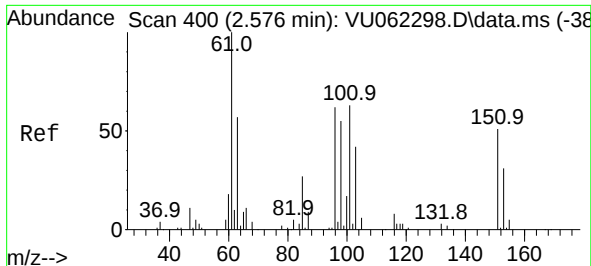
Tgt Ion: 64 Resp: 22109
Ion Ratio Lower Upper
64 100
66 32.0 23.2 43.2



#9
Trichlorofluoromethane
Concen: 5.278 ug/L
RT: 2.132 min Scan# 262
Delta R.T. 0.000 min
Lab File: VU062375.D
Acq: 17 Dec 2024 09:03

Tgt Ion:101 Resp: 75034
Ion Ratio Lower Upper
101 100
103 65.6 50.6 75.8

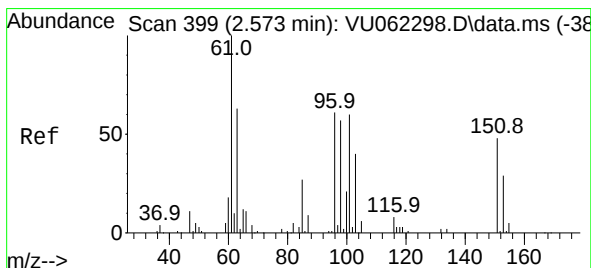
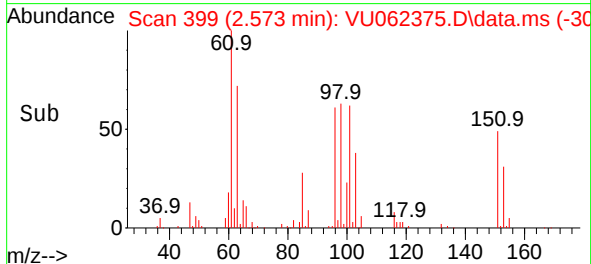
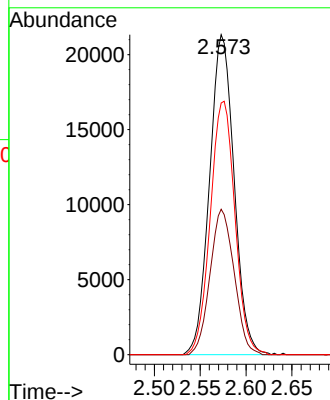
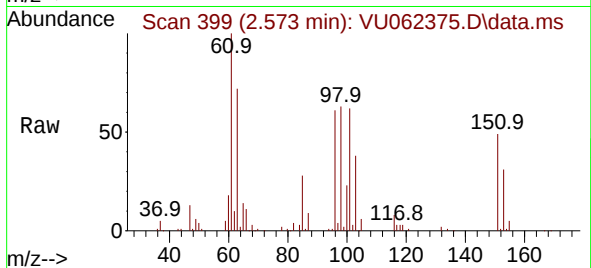




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 5.136 ug/L
 RT: 2.573 min Scan# 399
 Delta R.T. 0.000 min
 Lab File: VU062375.D
 Acq: 17 Dec 2024 09:03

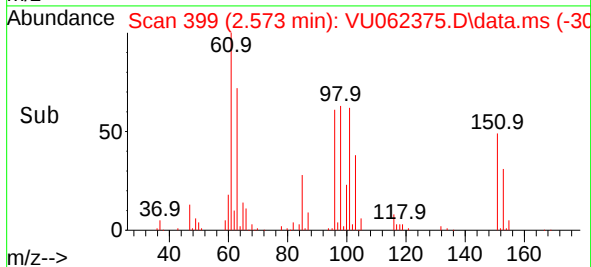
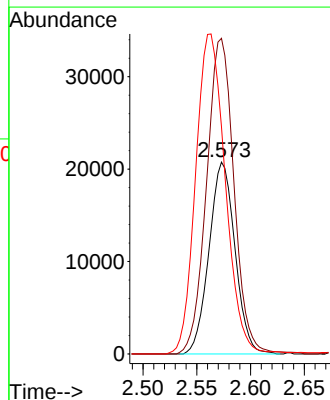
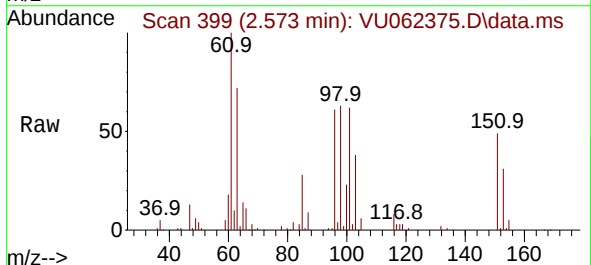
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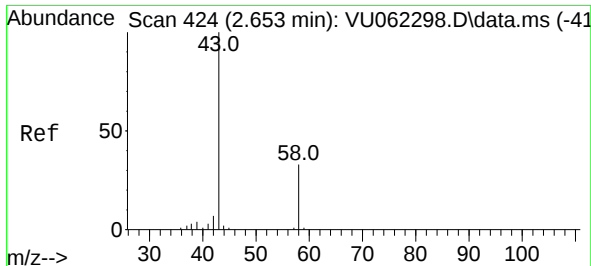
Tgt Ion:101 Resp: 39741
 Ion Ratio Lower Upper
 101 100
 85 44.5 38.0 57.0
 151 79.5 55.3 82.9



#12
 1,1-Dichloroethene
 Concen: 4.818 ug/L
 RT: 2.573 min Scan# 399
 Delta R.T. 0.000 min
 Lab File: VU062375.D
 Acq: 17 Dec 2024 09:03

Tgt Ion: 96 Resp: 34853
 Ion Ratio Lower Upper
 96 100
 61 164.6 119.6 222.2
 63 118.5 65.0 120.6





#13

Acetone

Concen: 49.791 ug/L

RT: 2.640 min Scan# 41

Delta R.T. -0.003 min

Lab File: VU062375.D

Acq: 17 Dec 2024 09:03

Instrument :

MSVOA_U

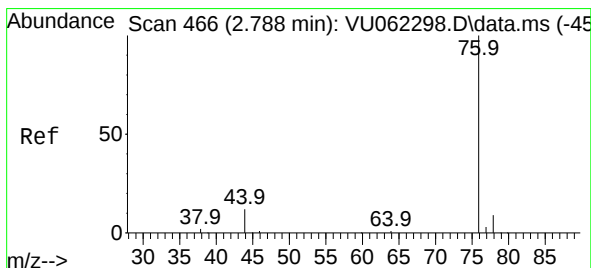
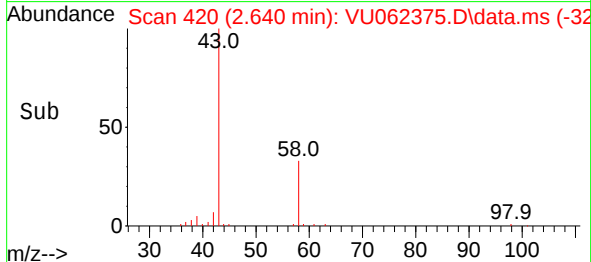
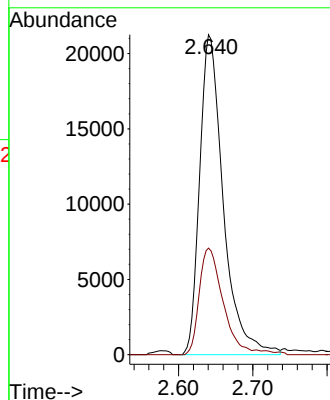
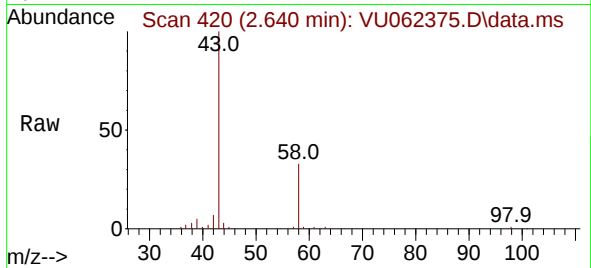
ClientSampleId :

Tgt Ion: 43 Resp: 46952

Ion Ratio Lower Upper

43 100

58 33.1 0.0 64.0



#14

Carbon disulfide

Concen: 4.378 ug/L

RT: 2.785 min Scan# 465

Delta R.T. 0.000 min

Lab File: VU062375.D

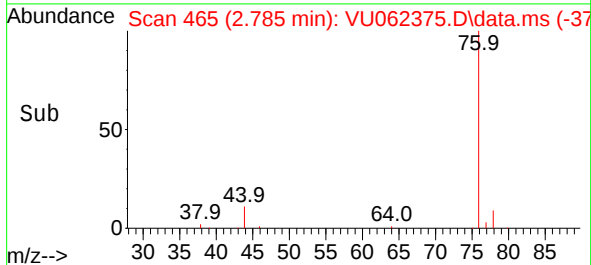
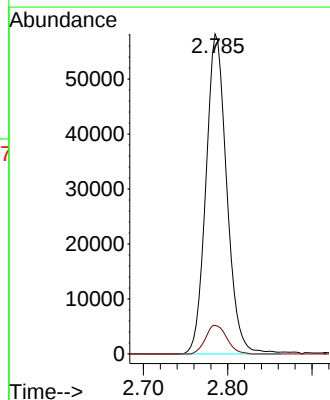
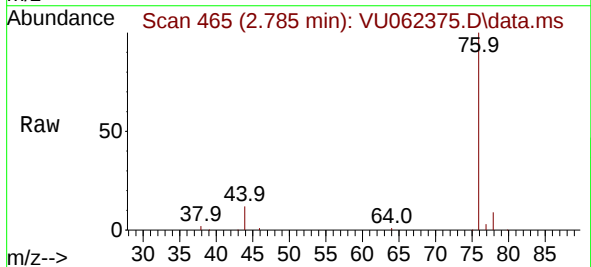
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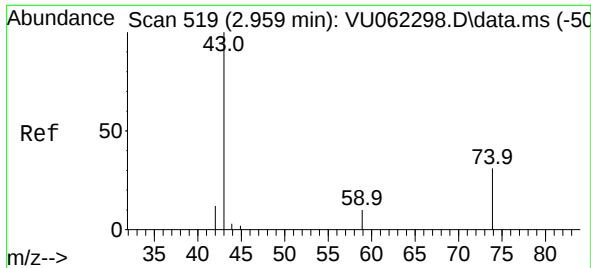
Tgt Ion: 76 Resp: 100153

Ion Ratio Lower Upper

76 100

78 9.0 7.5 11.3





#15

Methyl Acetate

Concen: 4.595 ug/L

RT: 2.955 min Scan# 51

Delta R.T. 0.000 min

Lab File: VU062375.D

Acq: 17 Dec 2024 09:03

Instrument :

MSVOA_U

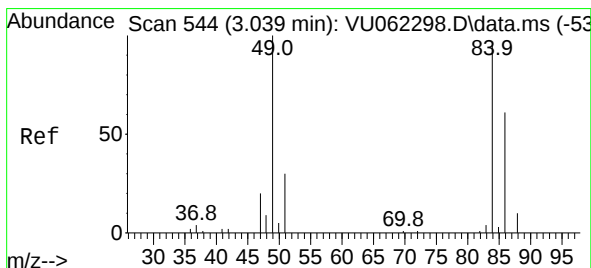
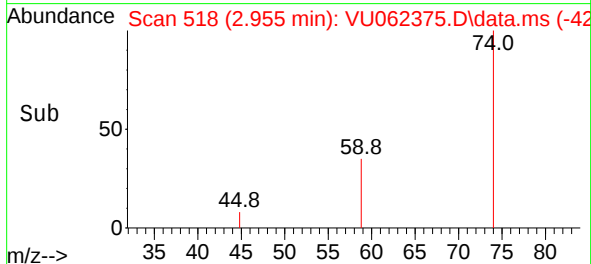
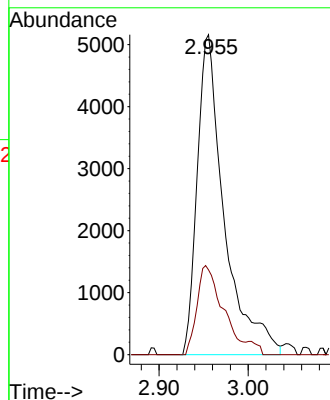
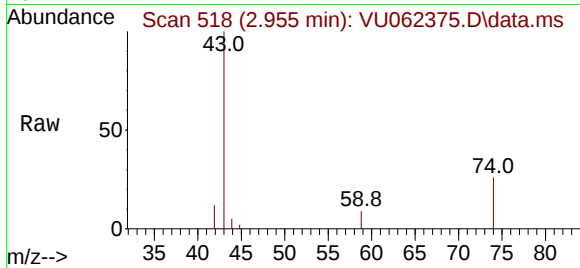
ClientSampleId :

Tgt Ion: 43 Resp: 10859

Ion Ratio Lower Upper

43 100

74 26.6 19.4 29.2



#16

Methylene chloride

Concen: 4.735 ug/L

RT: 3.036 min Scan# 543

Delta R.T. -0.003 min

Lab File: VU062375.D

Acq: 17 Dec 2024 09:03

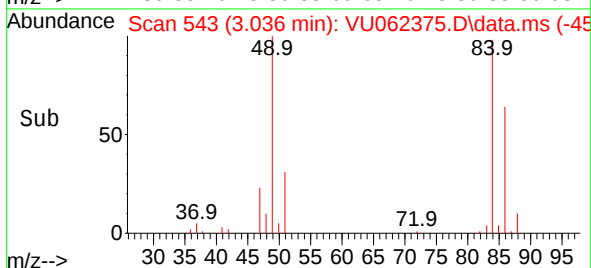
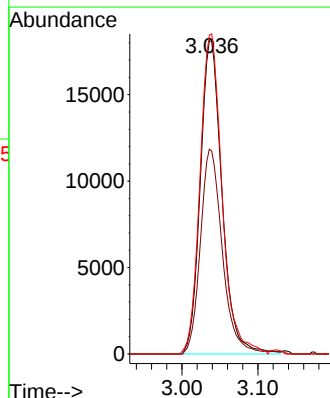
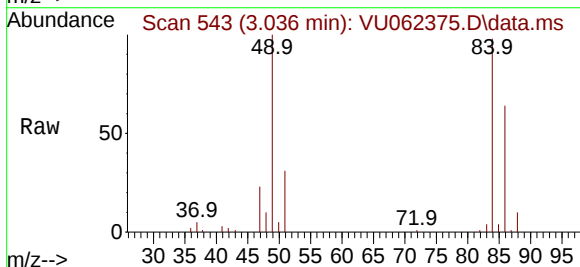
Tgt Ion: 84 Resp: 35957

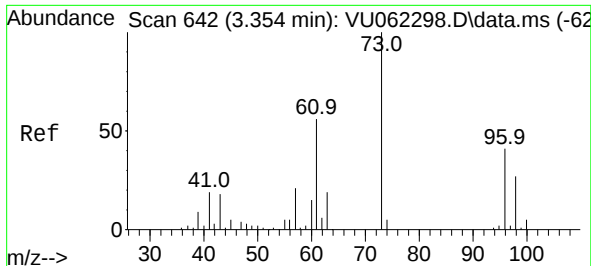
Ion Ratio Lower Upper

84 100

86 65.4 43.5 80.7

49 101.8 81.9 152.1

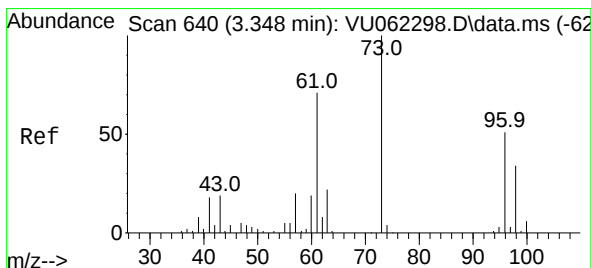
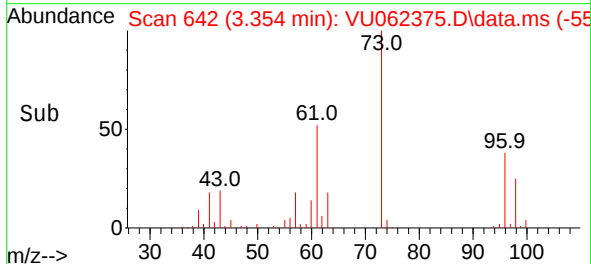
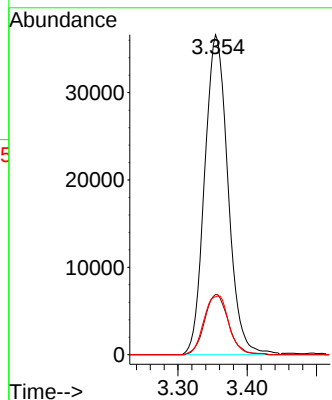
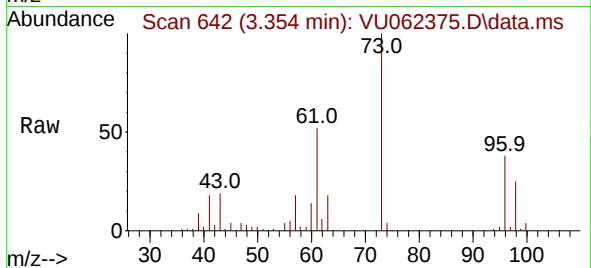




#17
Methyl tert-butyl Ether
Concen: 4.755 ug/L
RT: 3.354 min Scan# 642
Delta R.T. -0.003 min
Lab File: VU062375.D
Acq: 17 Dec 2024 09:03

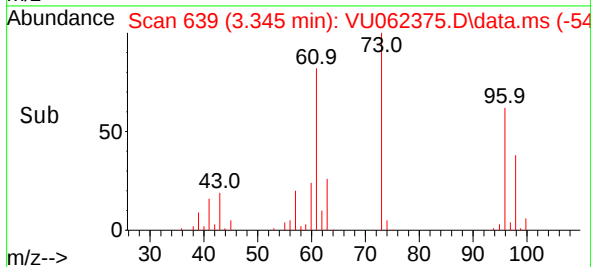
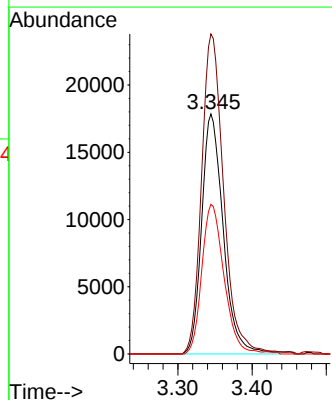
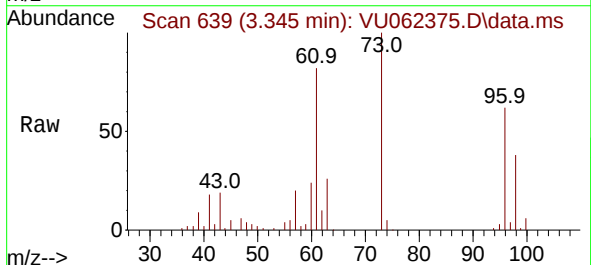
Instrument :
MSVOA_U
ClientSampleId :

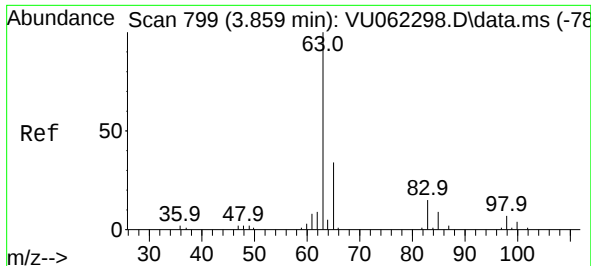
Tgt Ion: 73 Resp: 85687
Ion Ratio Lower Upper
73 100
43 19.3 16.3 24.5
57 19.8 17.1 25.7



#18
trans-1,2-Dichloroethene
Concen: 4.848 ug/L
RT: 3.345 min Scan# 639
Delta R.T. 0.000 min
Lab File: VU062375.D
Acq: 17 Dec 2024 09:03

Tgt Ion: 96 Resp: 36030
Ion Ratio Lower Upper
96 100
61 133.3 104.2 193.4
98 62.3 45.7 84.9

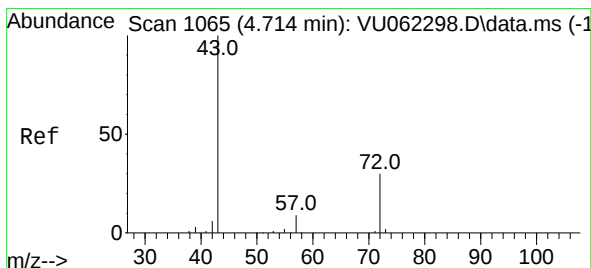
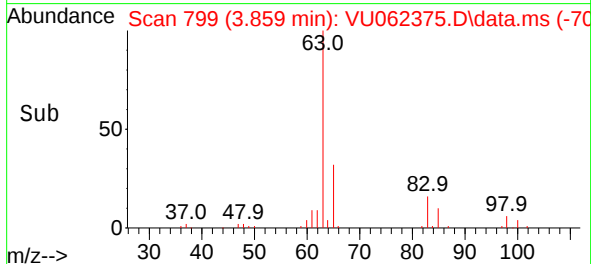
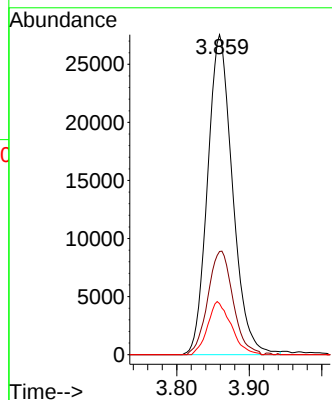
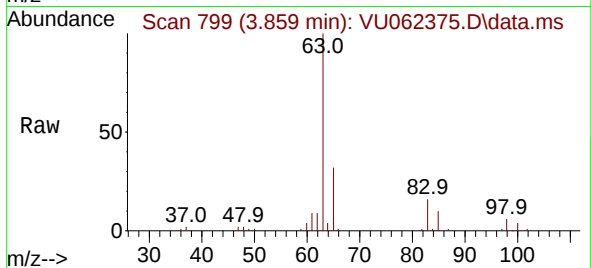




#19
1,1-Dichloroethane
Concen: 4.837 ug/L
RT: 3.859 min Scan# 799
Delta R.T. 0.000 min
Lab File: VU062375.D
Acq: 17 Dec 2024 09:03

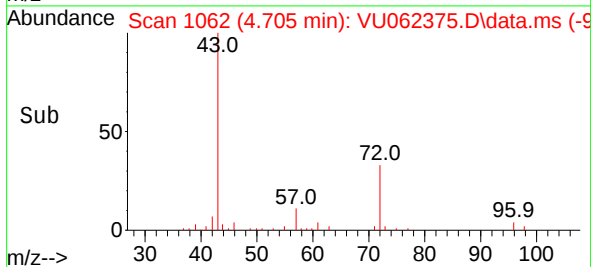
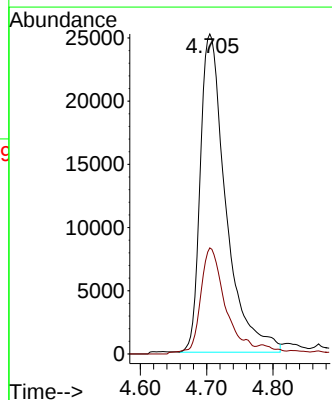
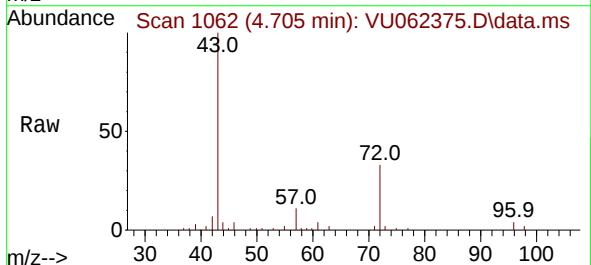
Instrument :
MSVOA_U
ClientSampleId :

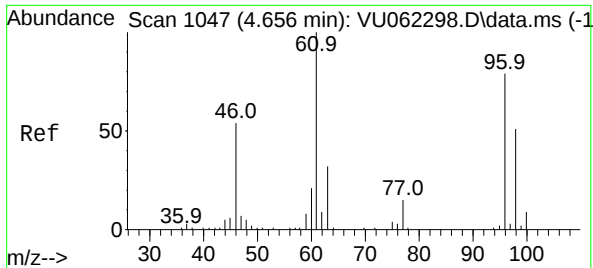
Tgt Ion: 63 Resp: 65895
Ion Ratio Lower Upper
63 100
65 32.3 22.7 42.3
83 16.0 9.9 18.3



#21
2-Butanone
Concen: 49.370 ug/L
RT: 4.705 min Scan# 1062
Delta R.T. -0.003 min
Lab File: VU062375.D
Acq: 17 Dec 2024 09:03

Tgt Ion: 43 Resp: 67609
Ion Ratio Lower Upper
43 100
72 32.2 14.8 44.4

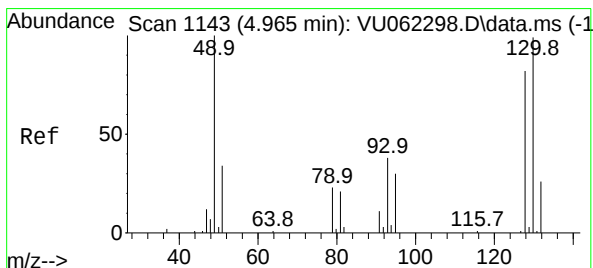
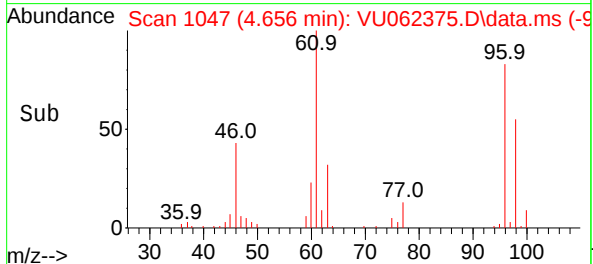
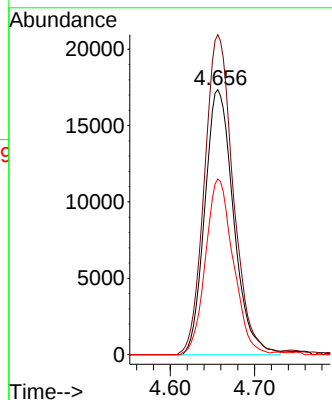
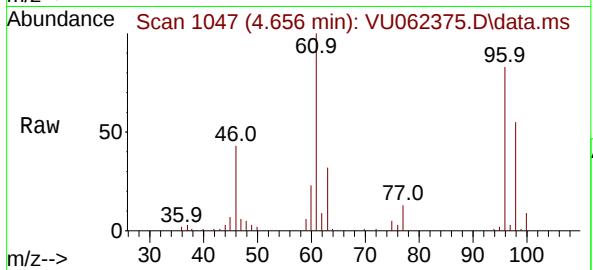




#22
cis-1,2-Dichloroethene
Concen: 4.940 ug/L
RT: 4.656 min Scan# 1047
Delta R.T. 0.000 min
Lab File: VU062375.D
Acq: 17 Dec 2024 09:03

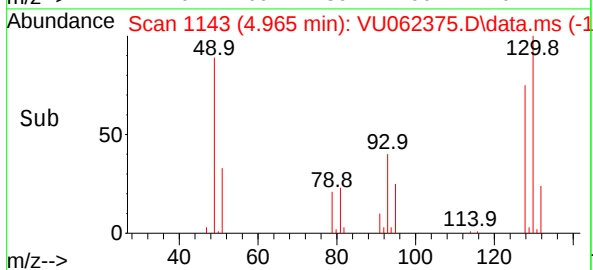
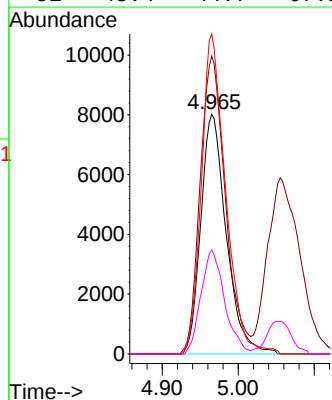
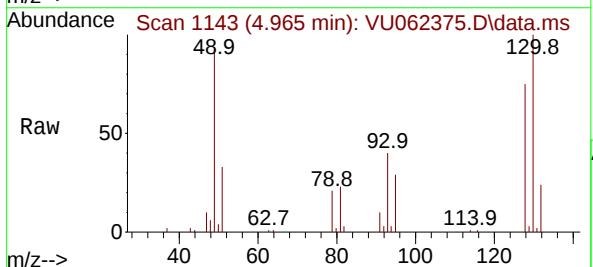
Instrument :
MSVOA_U
ClientSampleId :

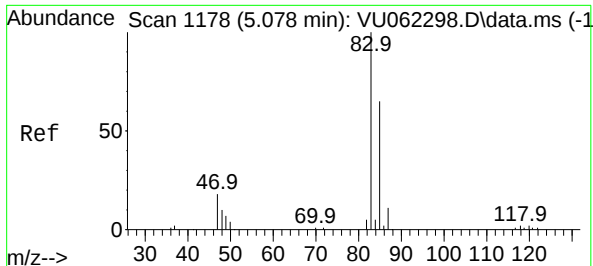
Tgt Ion: 96 Resp: 41158
Ion Ratio Lower Upper
96 100
61 120.7 92.0 170.8
98 66.3 44.5 82.7



#23
Bromochloromethane
Concen: 5.091 ug/L
RT: 4.965 min Scan# 1143
Delta R.T. -0.003 min
Lab File: VU062375.D
Acq: 17 Dec 2024 09:03

Tgt Ion:128 Resp: 18590
Ion Ratio Lower Upper
128 100
49 124.3 115.3 214.1
130 133.5 92.0 170.8
51 43.4 44.7 67.1#

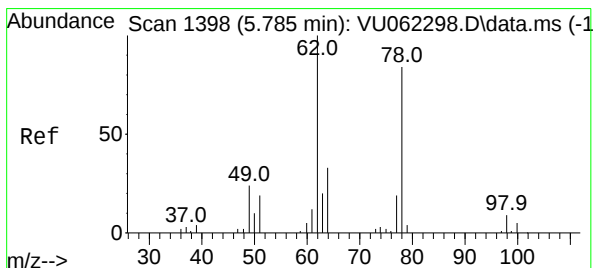
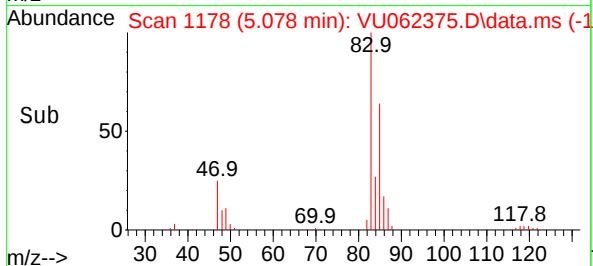
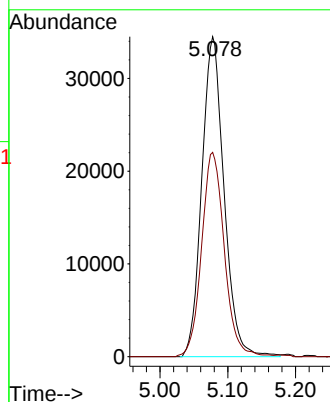
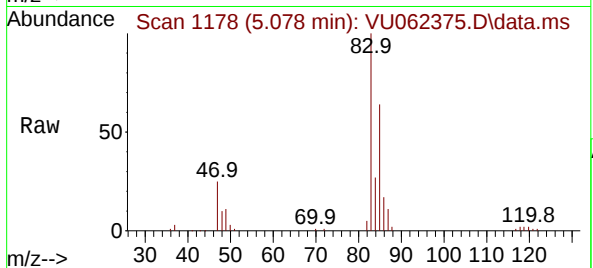




#25
Chloroform
Concen: 5.124 ug/L
RT: 5.078 min Scan# 1178
Delta R.T. 0.000 min
Lab File: VU062375.D
Acq: 17 Dec 2024 09:03

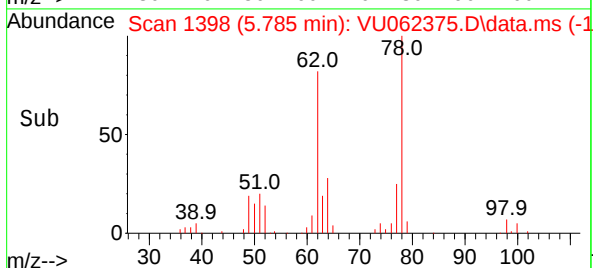
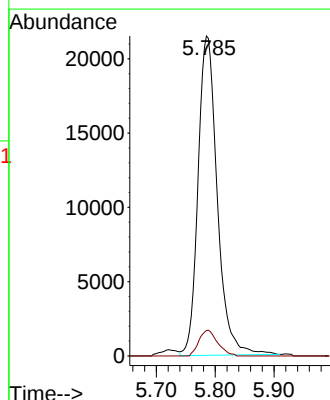
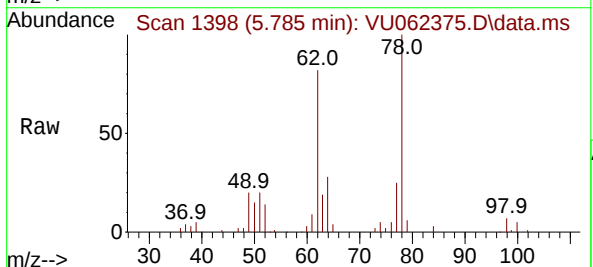
Instrument :
MSVOA_U
ClientSampleId :

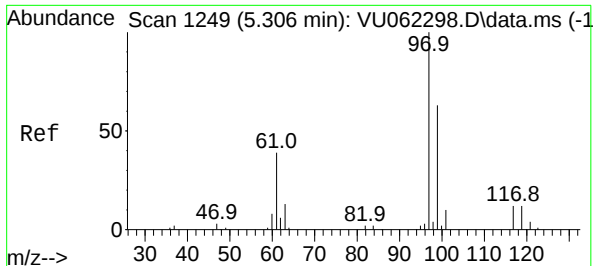
Tgt Ion: 83 Resp: 78626
Ion Ratio Lower Upper
83 100
85 63.9 45.4 84.2



#27
1,2-Dichloroethane
Concen: 5.000 ug/L
RT: 5.785 min Scan# 1398
Delta R.T. 0.000 min
Lab File: VU062375.D
Acq: 17 Dec 2024 09:03

Tgt Ion: 62 Resp: 48763
Ion Ratio Lower Upper
62 100
98 8.0 7.4 11.0

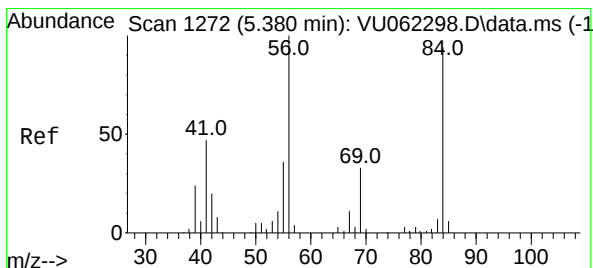
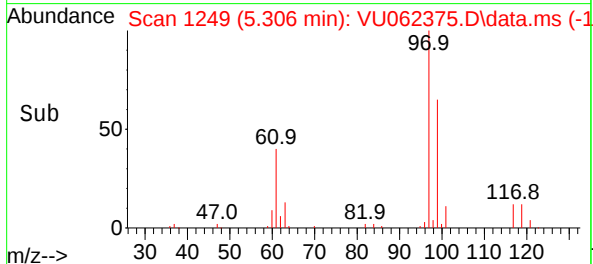
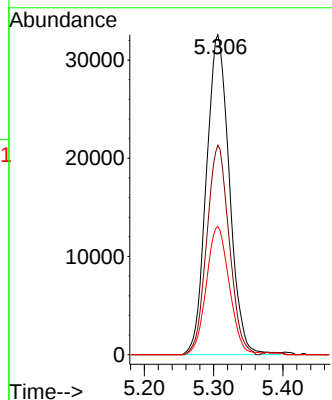
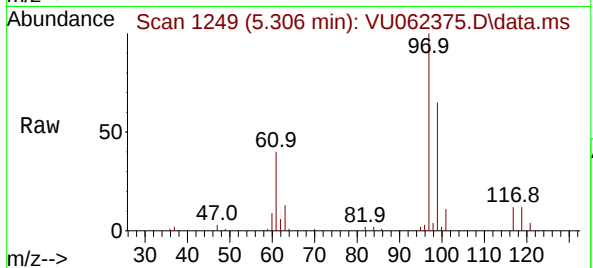




#29
1,1,1-Trichloroethane
Concen: 5.231 ug/L
RT: 5.306 min Scan# 1249
Delta R.T. 0.000 min
Lab File: VU062375.D
Acq: 17 Dec 2024 09:03

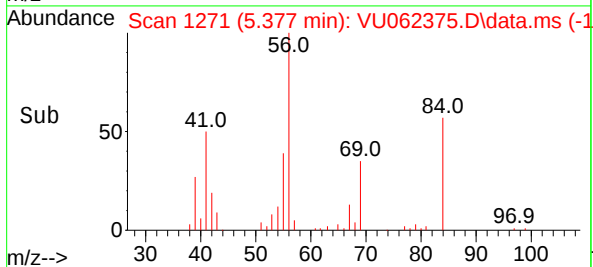
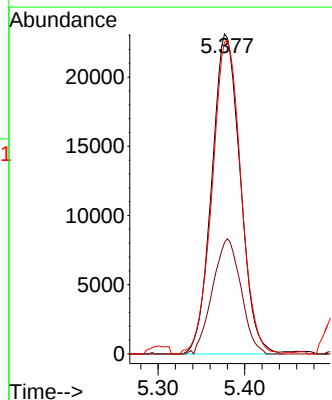
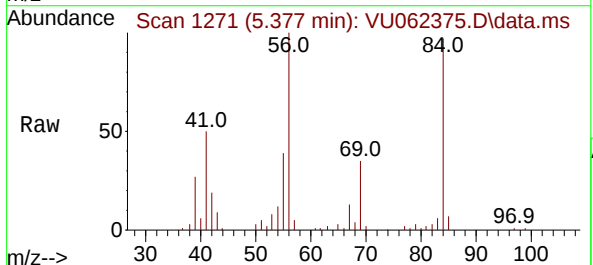
Instrument :
MSVOA_U
ClientSampleId :

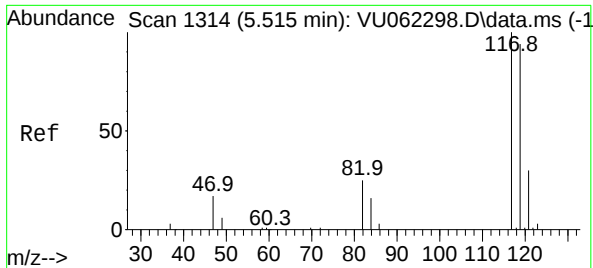
Tgt Ion:	97	Resp:	75099
Ion	Ratio	Lower	Upper
97	100		
99	63.8	51.4	77.2
61	40.1	37.8	56.6



#30
Cyclohexane
Concen: 4.523 ug/L
RT: 5.377 min Scan# 1271
Delta R.T. 0.000 min
Lab File: VU062375.D
Acq: 17 Dec 2024 09:03

Tgt Ion:	56	Resp:	52649
Ion	Ratio	Lower	Upper
56	100		
69	36.0	25.1	37.7
84	99.0	70.6	105.8

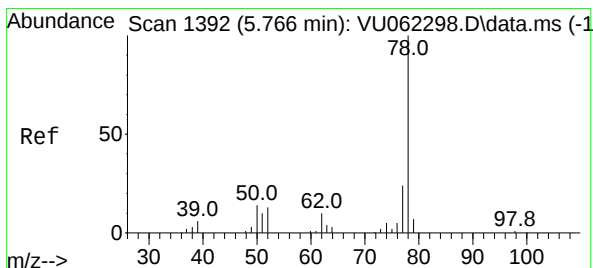
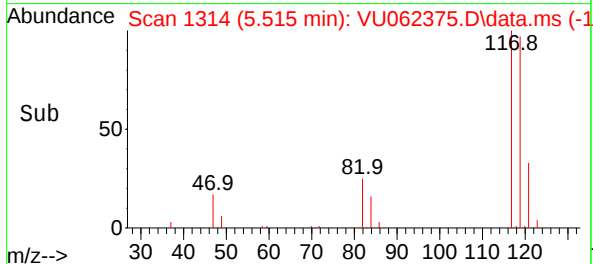
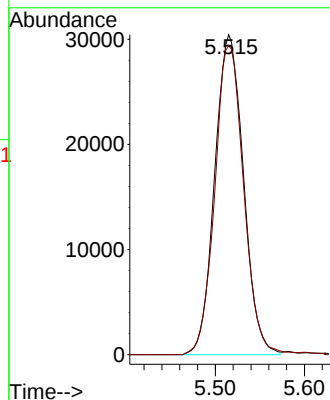
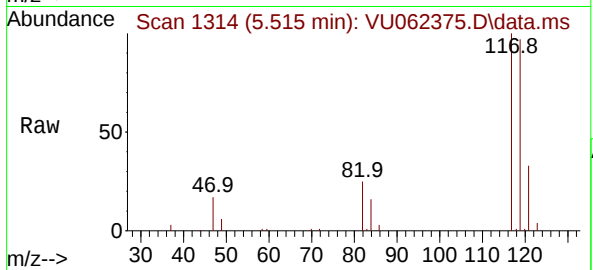




#31
Carbon tetrachloride
Concen: 5.182 ug/L
RT: 5.515 min Scan# 1314
Delta R.T. 0.000 min
Lab File: VU062375.D
Acq: 17 Dec 2024 09:03

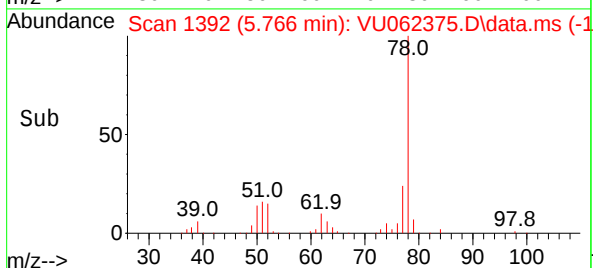
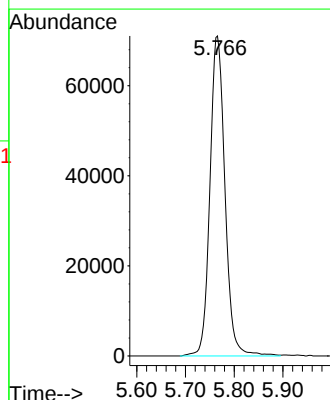
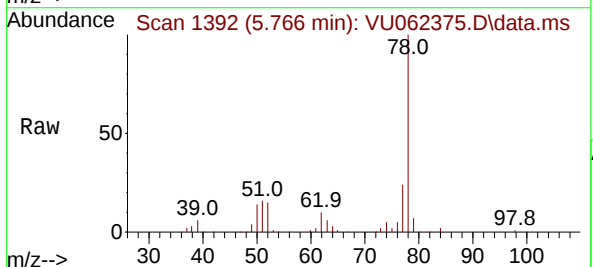
Instrument :
MSVOA_U
ClientSampleId :

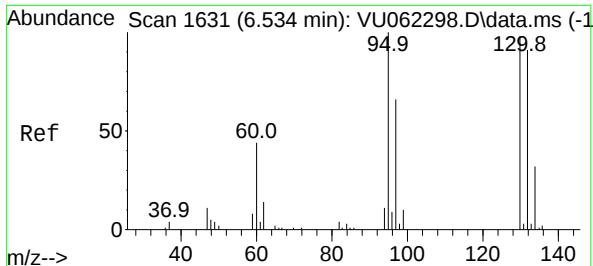
Tgt Ion:117 Resp: 68220
Ion Ratio Lower Upper
117 100
119 97.1 77.5 116.3



#33
Benzene
Concen: 4.812 ug/L
RT: 5.766 min Scan# 1392
Delta R.T. 0.000 min
Lab File: VU062375.D
Acq: 17 Dec 2024 09:03

Tgt Ion: 78 Resp: 152194





#34

Trichloroethene

Concen: 4.848 ug/L

RT: 6.534 min Scan# 1

Delta R.T. 0.000 min

Lab File: VU062375.D

Acq: 17 Dec 2024 09:03

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion: 95 Resp: 43427

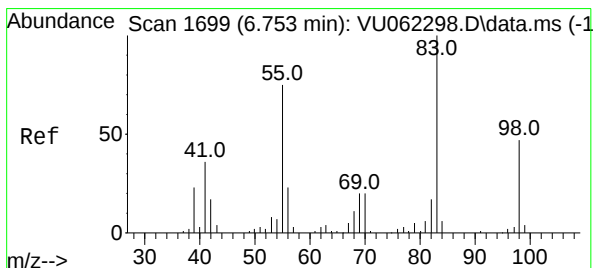
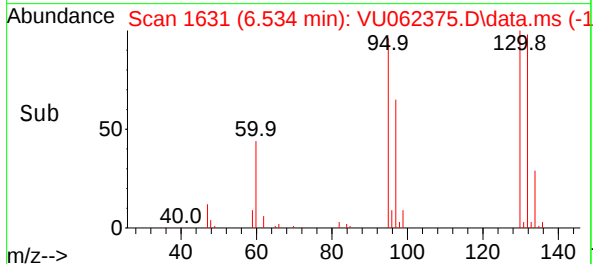
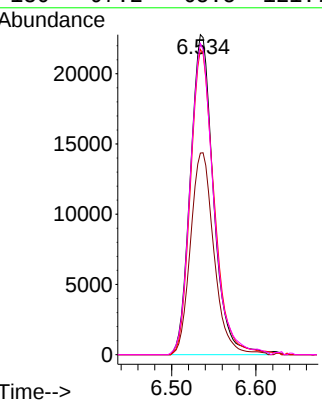
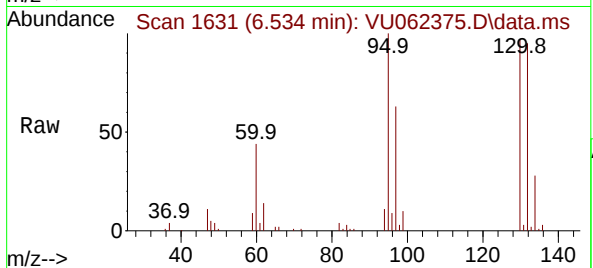
Ion Ratio Lower Upper

95 100

97 63.0 45.9 85.3

132 95.4 63.8 118.4

130 97.2 65.5 121.7



#35

Methylcyclohexane

Concen: 4.851 ug/L

RT: 6.753 min Scan# 1699

Delta R.T. 0.000 min

Lab File: VU062375.D

Acq: 17 Dec 2024 09:03

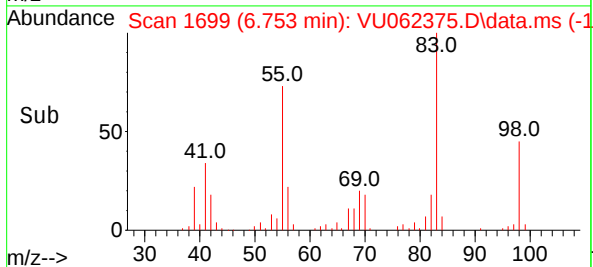
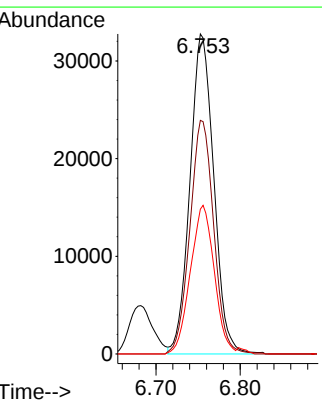
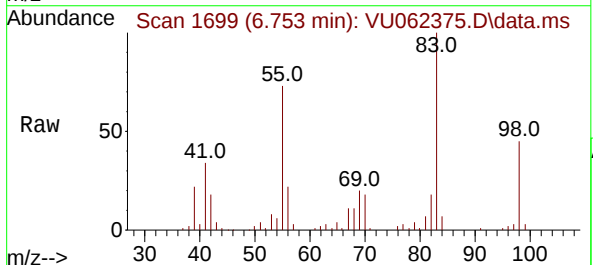
Tgt Ion: 83 Resp: 64435

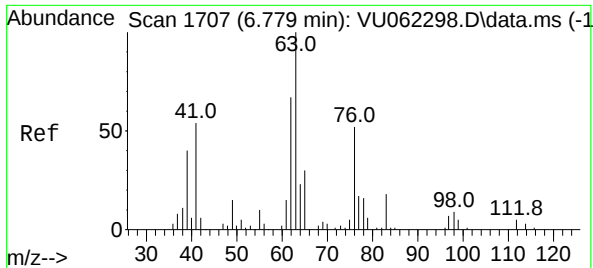
Ion Ratio Lower Upper

83 100

55 73.0 60.7 91.1

98 46.6 34.8 52.2

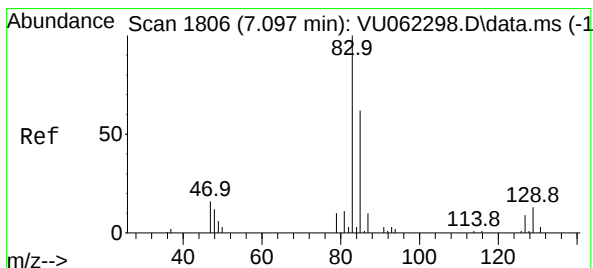
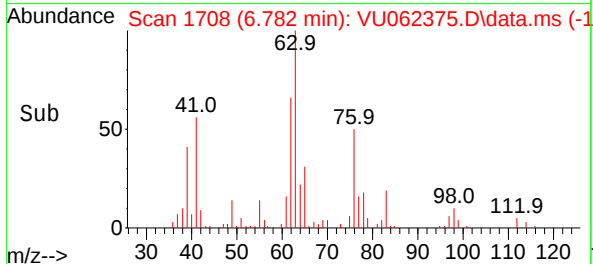
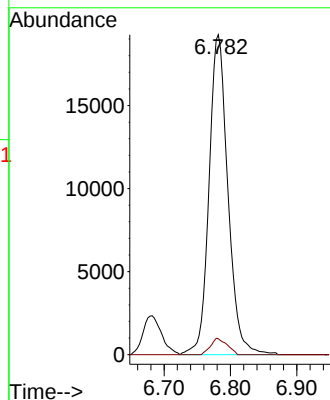
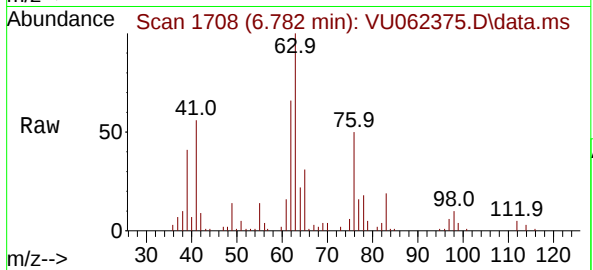




#37
1,2-Dichloropropane
Concen: 4.949 ug/L
RT: 6.782 min Scan# 11
Delta R.T. 0.000 min
Lab File: VU062375.D
Acq: 17 Dec 2024 09:03

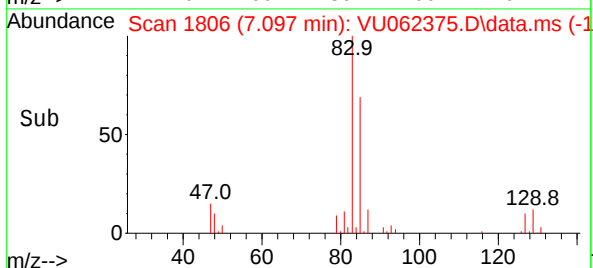
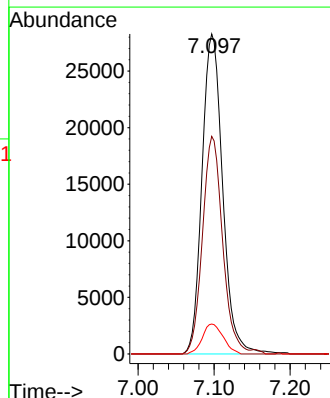
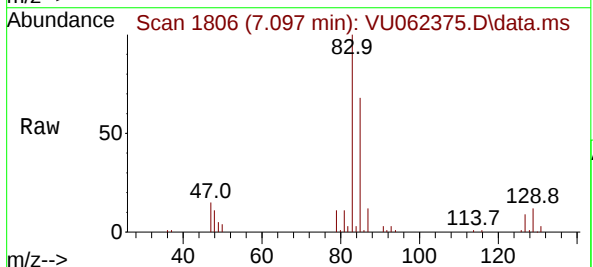
Instrument :
MSVOA_U
ClientSampleId :

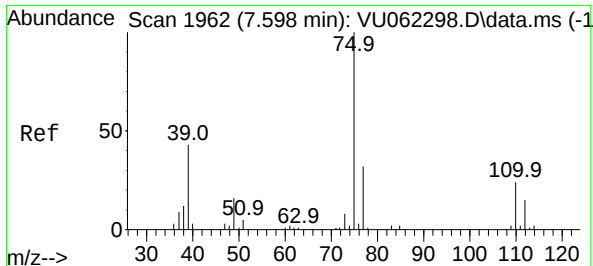
Tgt Ion: 63 Resp: 38114
Ion Ratio Lower Upper
63 100
112 4.4 3.4 5.0



#38
Bromodichloromethane
Concen: 4.909 ug/L
RT: 7.097 min Scan# 1806
Delta R.T. 0.000 min
Lab File: VU062375.D
Acq: 17 Dec 2024 09:03

Tgt Ion: 83 Resp: 53340
Ion Ratio Lower Upper
83 100
85 68.0 44.1 81.9
127 9.3 6.9 10.3

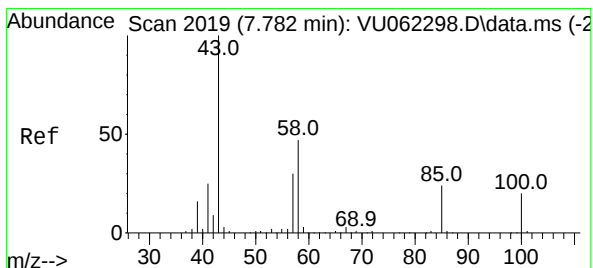
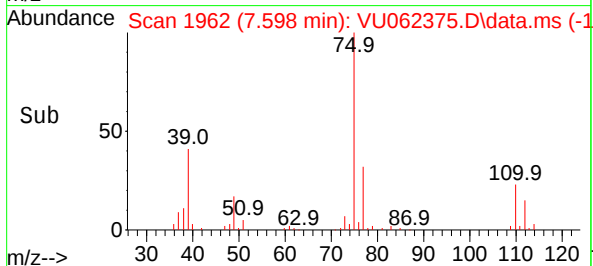
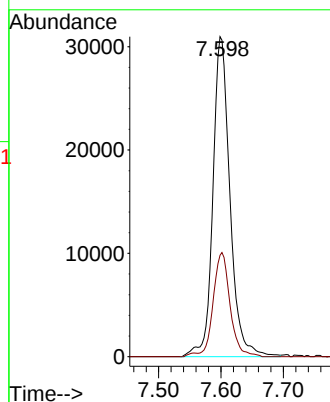
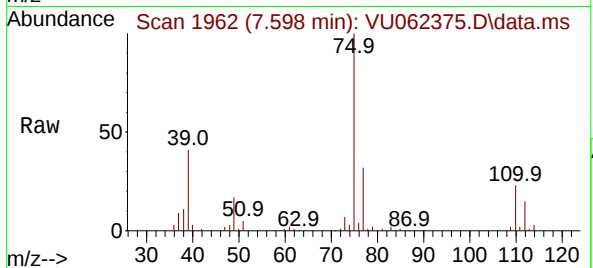




#39
 cis-1,3-Dichloropropene
 Concen: 4.770 ug/L
 RT: 7.598 min Scan# 1962
 Delta R.T. 0.000 min
 Lab File: VU062375.D
 Acq: 17 Dec 2024 09:03

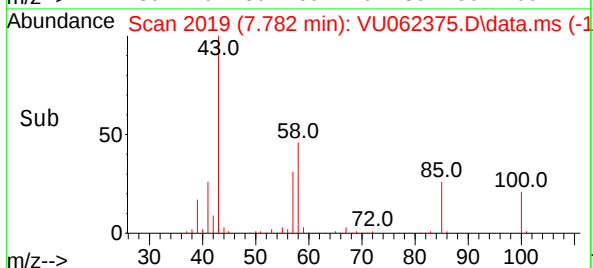
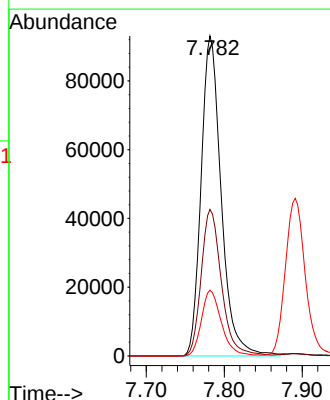
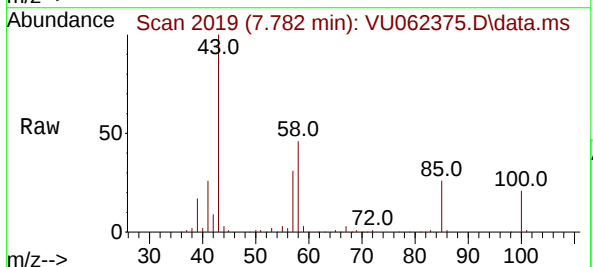
Instrument :
 MSVOA_U
 ClientSampleId :

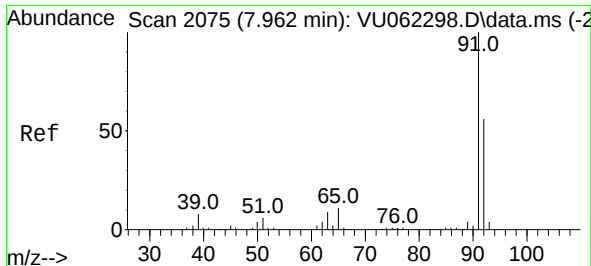
Tgt Ion: 75 Resp: 58889
 Ion Ratio Lower Upper
 75 100
 77 31.7 22.3 41.3



#40
 4-Methyl-2-pentanone
 Concen: 46.226 ug/L
 RT: 7.782 min Scan# 2019
 Delta R.T. 0.000 min
 Lab File: VU062375.D
 Acq: 17 Dec 2024 09:03

Tgt Ion: 43 Resp: 166851
 Ion Ratio Lower Upper
 43 100
 58 46.3 33.3 49.9
 100 20.5 12.4 18.6#





#42

Toluene

Concen: 4.945 ug/L

RT: 7.962 min Scan# 2075

Delta R.T. 0.000 min

Lab File: VU062375.D

Acq: 17 Dec 2024 09:03

Instrument :

MSVOA_U

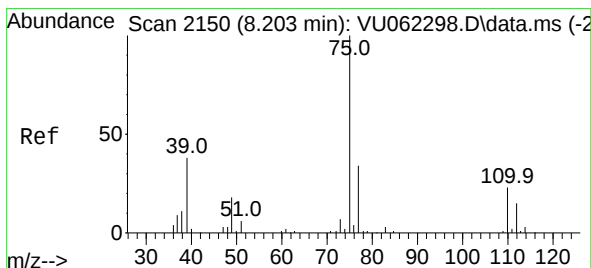
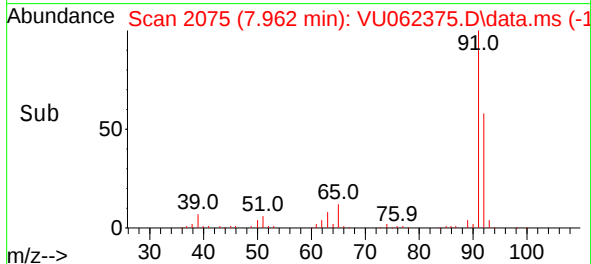
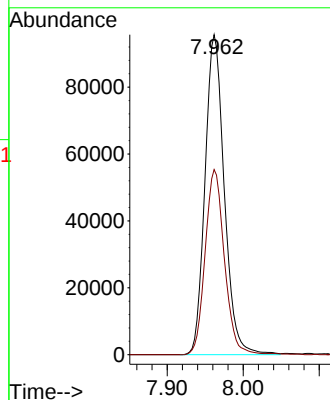
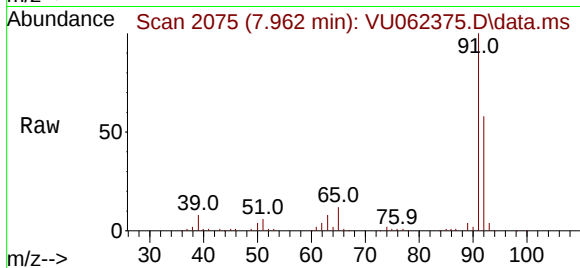
ClientSampleId :

Tgt Ion: 91 Resp: 168630

Ion Ratio Lower Upper

91 100

92 57.8 39.0 72.4



#44

trans-1,3-Dichloropropene

Concen: 4.929 ug/L

RT: 8.203 min Scan# 2150

Delta R.T. 0.000 min

Lab File: VU062375.D

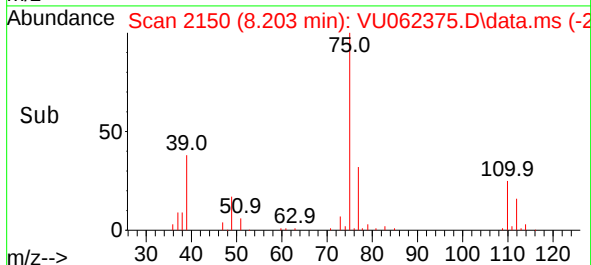
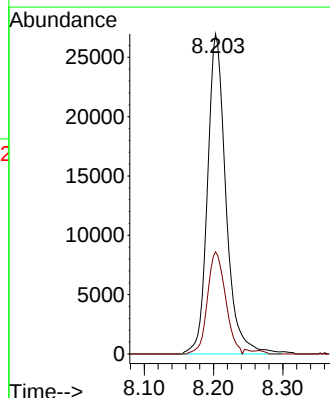
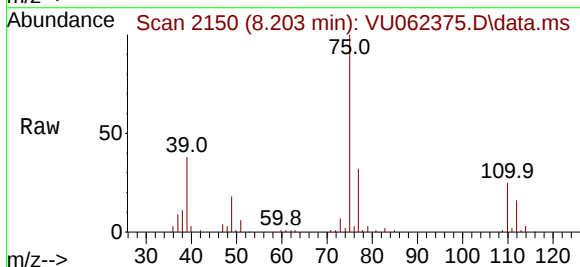
Acq: 17 Dec 2024 09:03

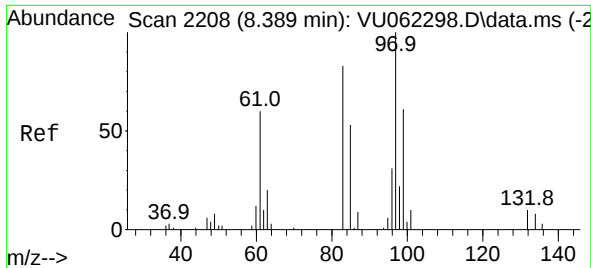
Tgt Ion: 75 Resp: 49683

Ion Ratio Lower Upper

75 100

77 31.9 21.8 40.4



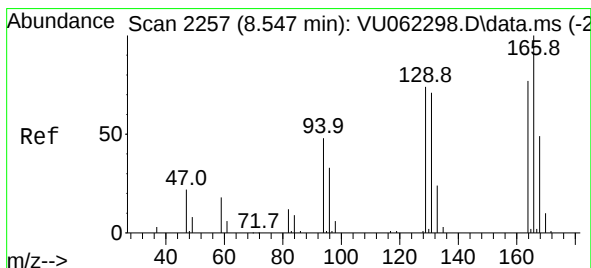
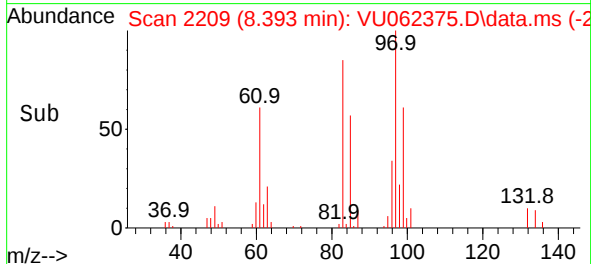
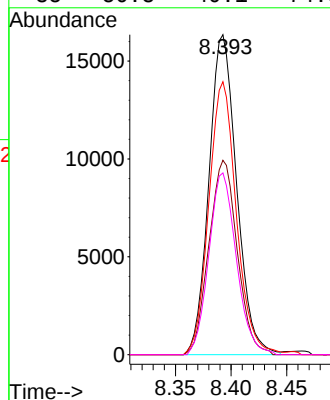
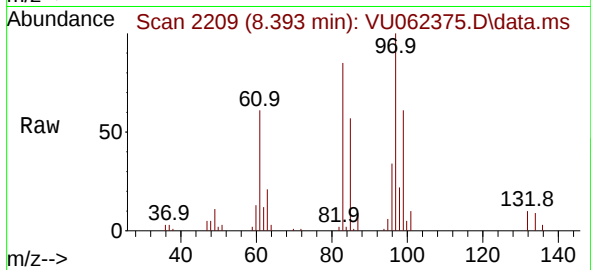


#45
1,1,2-Trichloroethane
Concen: 4.866 ug/L
RT: 8.393 min Scan# 2209
Delta R.T. 0.000 min
Lab File: VU062375.D
Acq: 17 Dec 2024 09:03

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 97 Resp: 28293

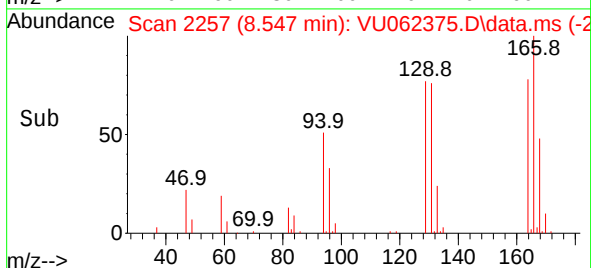
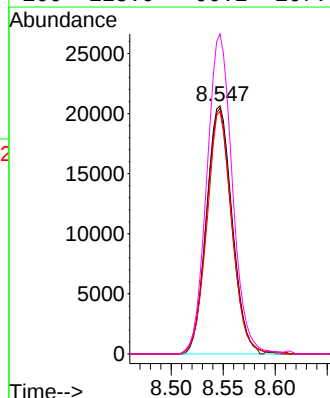
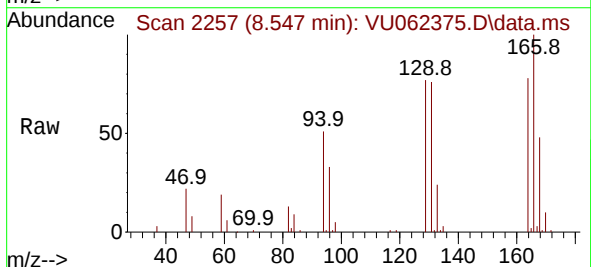
Ion	Ratio	Lower	Upper
97	100		
99	60.7	43.0	79.8
83	85.3	61.7	114.5
85	56.8	40.1	74.5

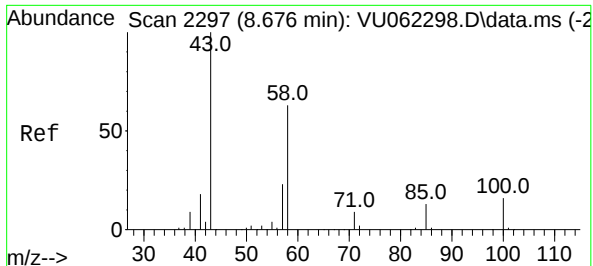


#47
Tetrachloroethene
Concen: 5.130 ug/L
RT: 8.547 min Scan# 2257
Delta R.T. 0.003 min
Lab File: VU062375.D
Acq: 17 Dec 2024 09:03

Tgt Ion: 164 Resp: 35480

Ion	Ratio	Lower	Upper
164	100		
129	99.1	73.2	136.0
131	97.7	72.3	134.3
166	128.9	90.2	167.4





#48

2-Hexanone

Concen: 45.903 ug/L

RT: 8.676 min Scan# 2297

Delta R.T. 0.000 min

Lab File: VU062375.D

Acq: 17 Dec 2024 09:03

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion: 43 Resp: 122447

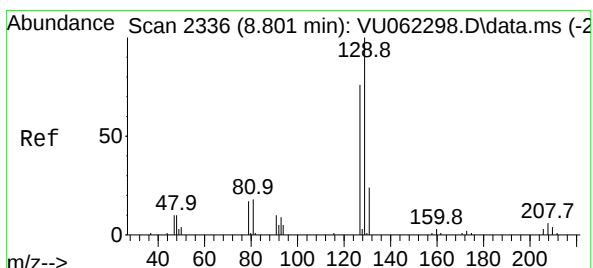
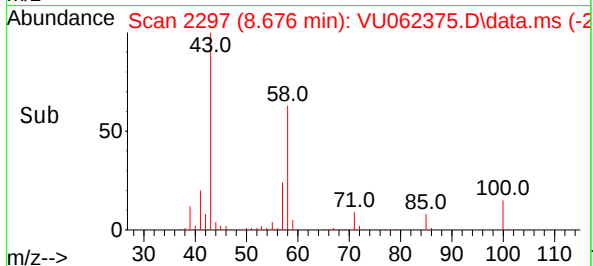
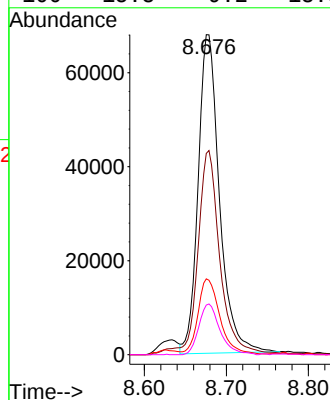
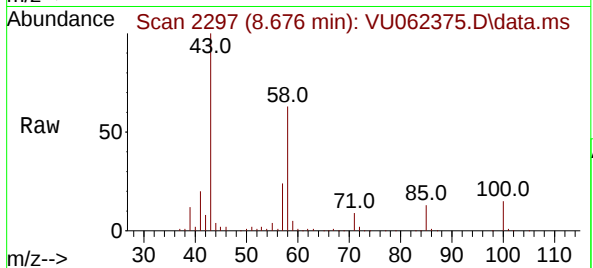
Ion Ratio Lower Upper

43 100

58 66.8 47.5 71.3

57 24.0 15.6 23.4#

100 15.8 9.2 13.8#



#49

Dibromochloromethane

Concen: 5.205 ug/L

RT: 8.801 min Scan# 2336

Delta R.T. 0.000 min

Lab File: VU062375.D

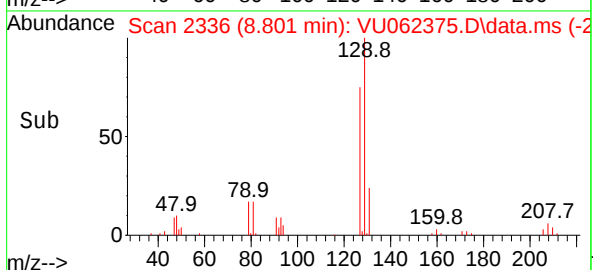
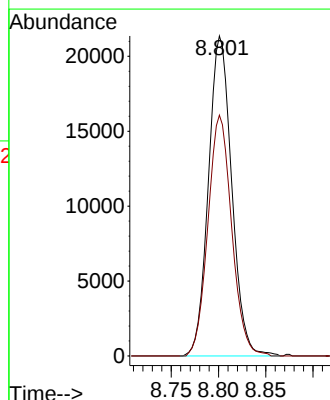
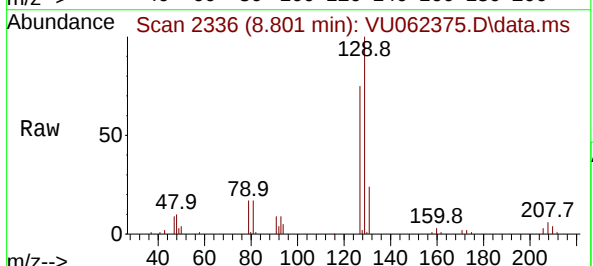
Acq: 17 Dec 2024 09:03

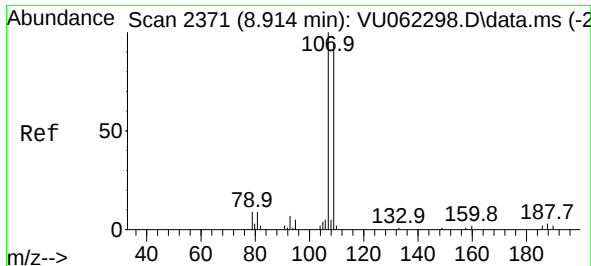
Tgt Ion:129 Resp: 36562

Ion Ratio Lower Upper

129 100

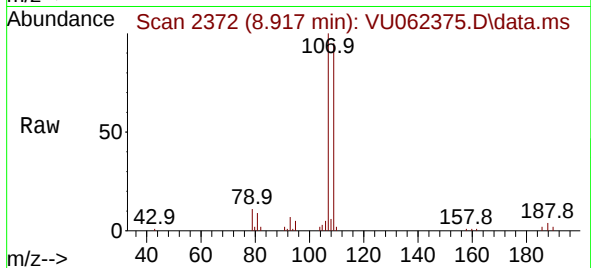
127 75.3 51.1 94.9



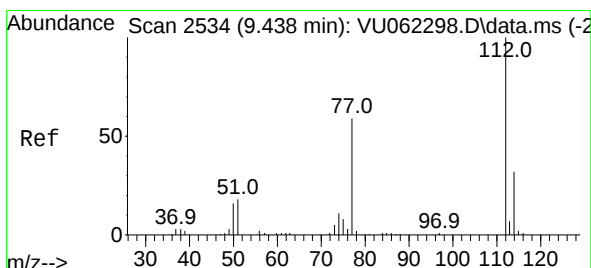
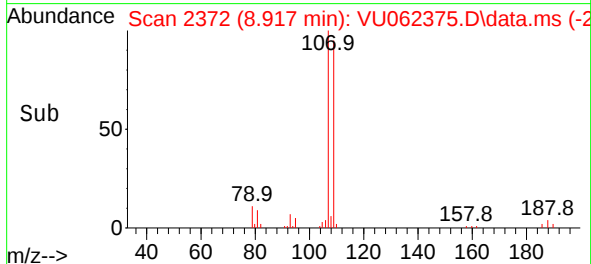
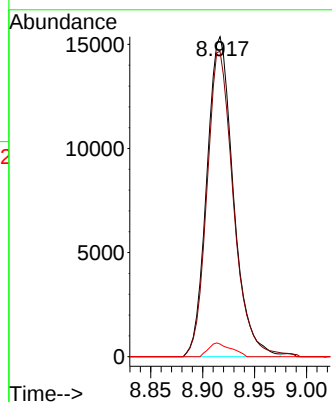


#50
1,2-Dibromoethane
Concen: 4.901 ug/L
RT: 8.917 min Scan# 24
Delta R.T. 0.000 min
Lab File: VU062375.D
Acq: 17 Dec 2024 09:03

Instrument :
MSVOA_U
ClientSampleId :

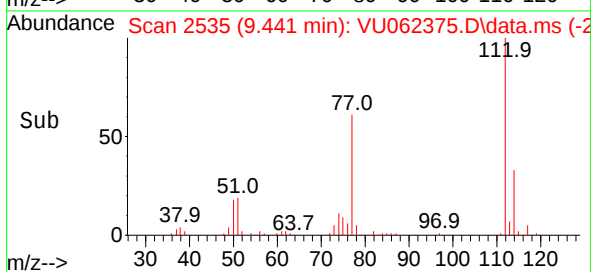
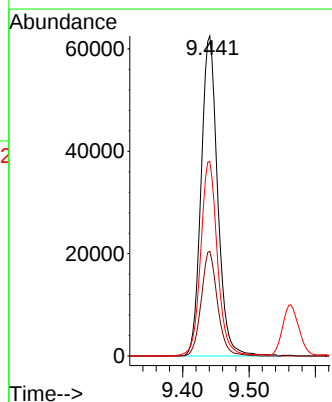
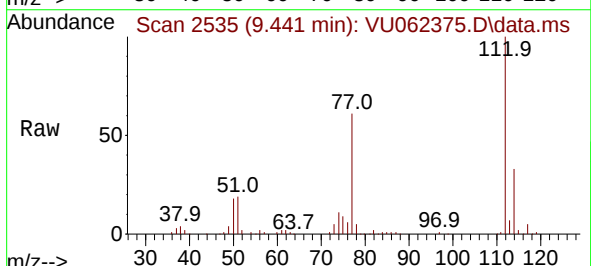


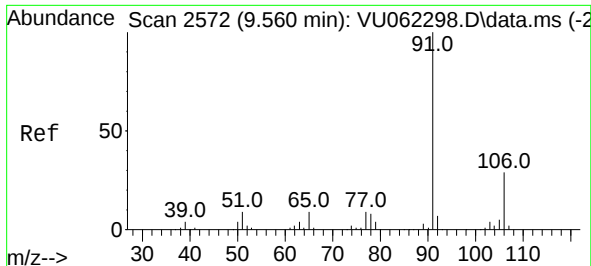
Tgt Ion:107 Resp: 27378
Ion Ratio Lower Upper
107 100
109 95.4 66.8 124.2
188 3.9 2.3 3.5#



#51
Chlorobenzene
Concen: 4.951 ug/L
RT: 9.441 min Scan# 2535
Delta R.T. 0.003 min
Lab File: VU062375.D
Acq: 17 Dec 2024 09:03

Tgt Ion:112 Resp: 108178
Ion Ratio Lower Upper
112 100
114 32.7 23.0 42.6
77 60.7 50.5 75.7





#52

Ethylbenzene

Concen: 4.964 ug/L

RT: 9.563 min Scan# 2572

Delta R.T. 0.000 min

Lab File: VU062375.D

Acq: 17 Dec 2024 09:03

Instrument :

MSVOA_U

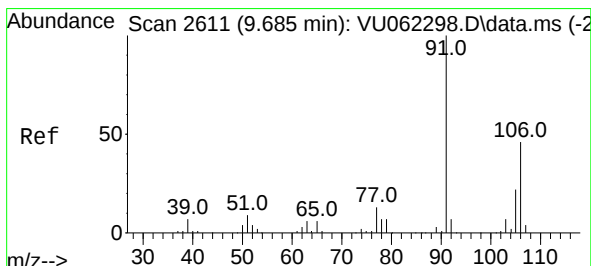
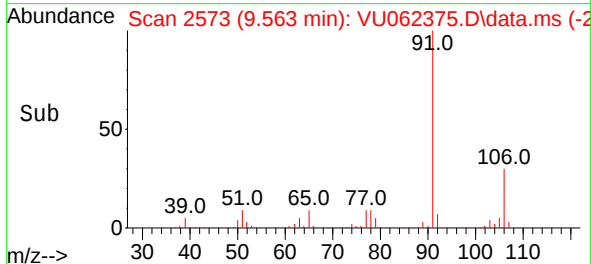
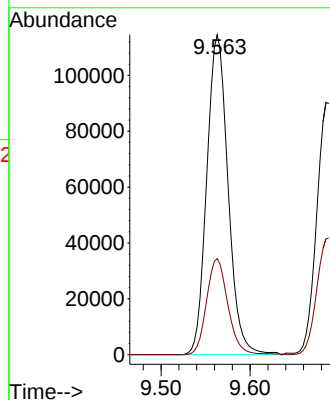
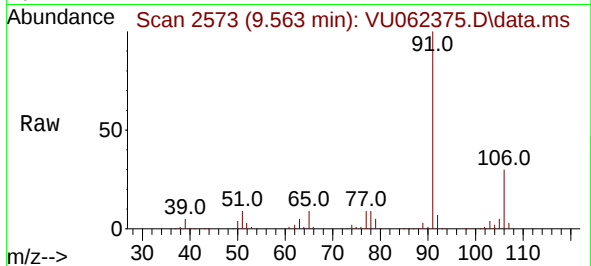
ClientSampleId :

Tgt Ion: 91 Resp: 189807

Ion Ratio Lower Upper

91 100

106 30.0 21.6 40.0



#53

m,p-Xylene

Concen: 5.119 ug/L

RT: 9.688 min Scan# 2612

Delta R.T. 0.003 min

Lab File: VU062375.D

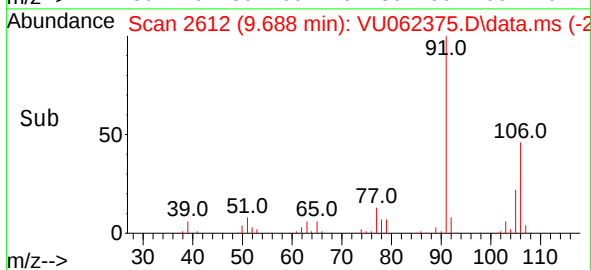
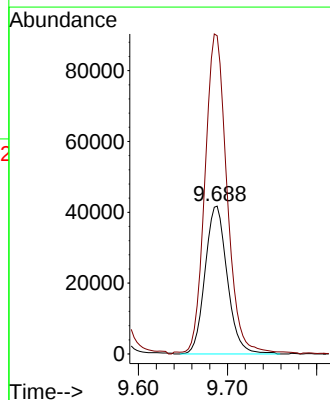
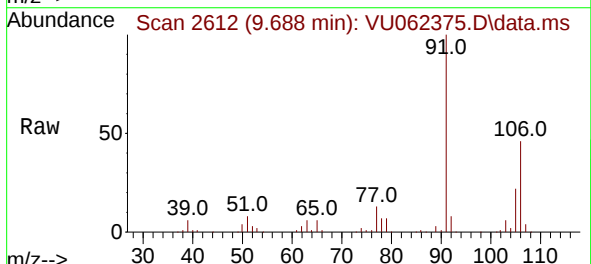
Acq: 17 Dec 2024 09:03

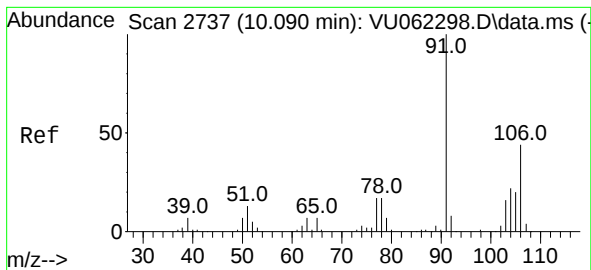
Tgt Ion:106 Resp: 72263

Ion Ratio Lower Upper

106 100

91 215.3 147.6 274.0





#54

o-Xylene

Concen: 5.005 ug/L

RT: 10.093 min Scan# 21

Delta R.T. 0.003 min

Lab File: VU062375.D

Acq: 17 Dec 2024 09:03

Instrument :

MSVOA_U

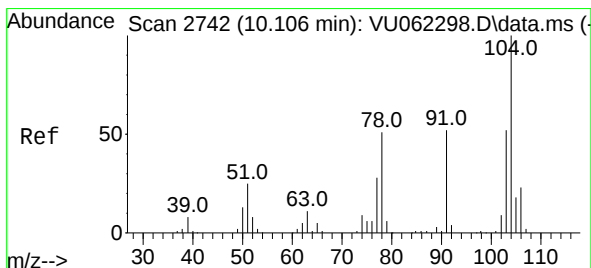
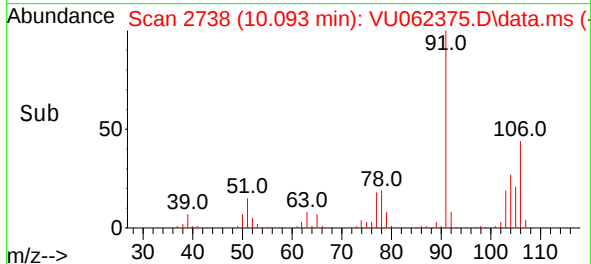
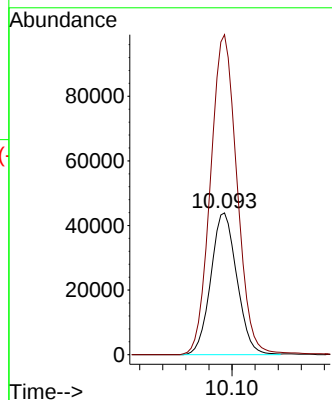
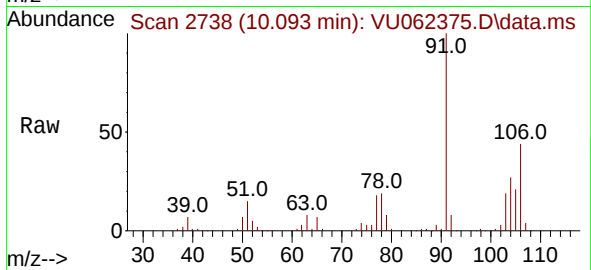
ClientSampleId :

Tgt Ion:106 Resp: 68716

Ion Ratio Lower Upper

106 100

91 225.7 159.8 296.8



#55

Styrene

Concen: 5.077 ug/L

RT: 10.106 min Scan# 2742

Delta R.T. 0.000 min

Lab File: VU062375.D

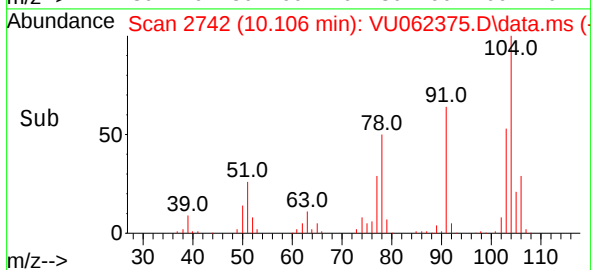
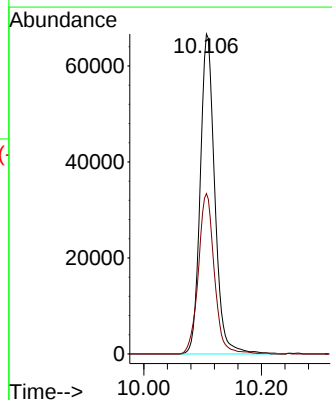
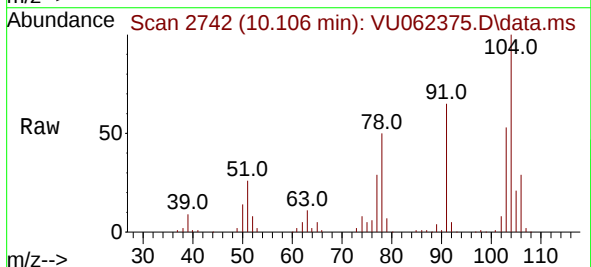
Acq: 17 Dec 2024 09:03

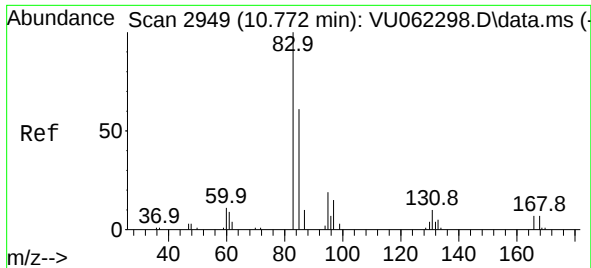
Tgt Ion:104 Resp: 114893

Ion Ratio Lower Upper

104 100

78 50.1 33.2 61.7





#57

1,1,2,2-Tetrachloroethane

Concen: 4.793 ug/L

RT: 10.772 min Scan# 2949

Delta R.T. 0.000 min

Lab File: VU062375.D

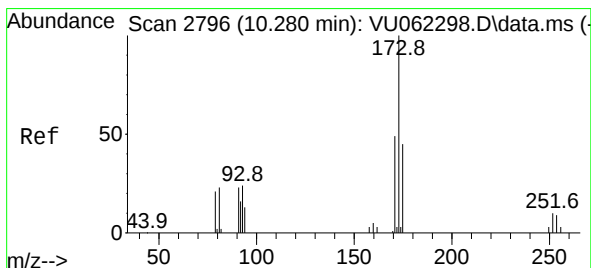
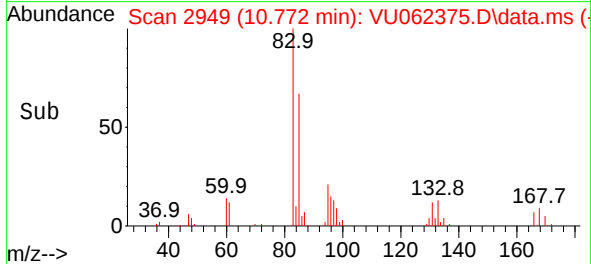
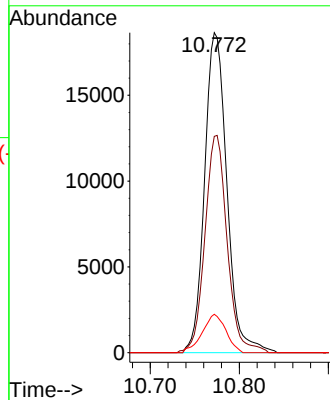
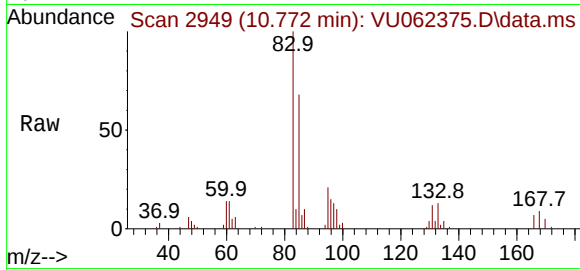
Acq: 17 Dec 2024 09:03

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion:	83	Resp:	32434
Ion Ratio	Lower	Upper	
83	100		
85	67.6	44.4	82.4
131	12.0	7.3	10.9#



#59

Bromoform

Concen: 4.999 ug/L

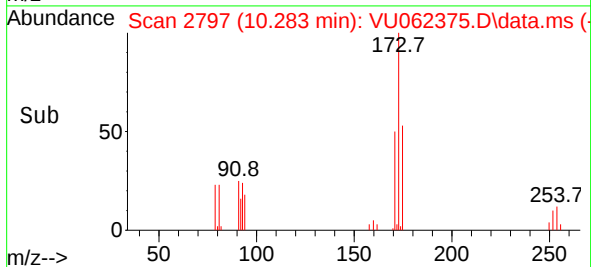
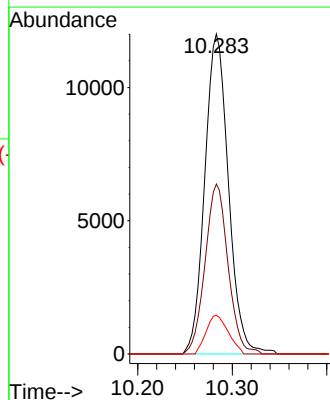
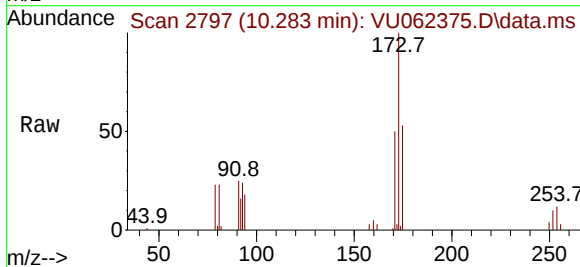
RT: 10.283 min Scan# 2797

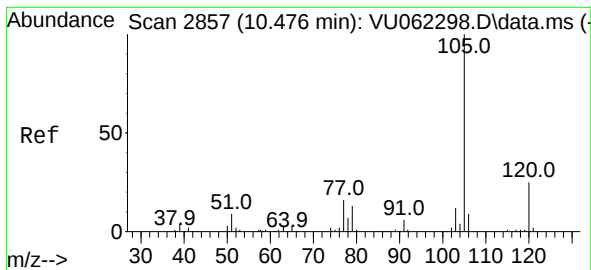
Delta R.T. 0.000 min

Lab File: VU062375.D

Acq: 17 Dec 2024 09:03

Tgt Ion:	173	Resp:	20887
Ion Ratio	Lower	Upper	
173	100		
175	51.5	39.0	58.4
254	11.2	7.4	11.0#





#60

Isopropylbenzene

Concen: 5.034 ug/L

RT: 10.476 min Scan# 2857

Delta R.T. 0.000 min

Lab File: VU062375.D

Acq: 17 Dec 2024 09:03

Instrument :

MSVOA_U

ClientSampleId :

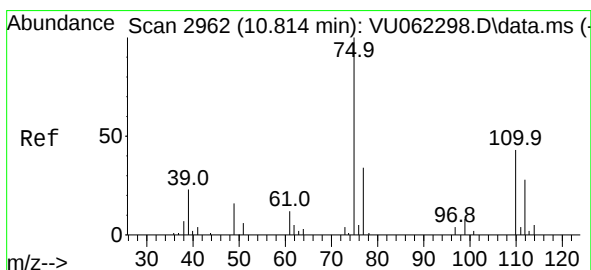
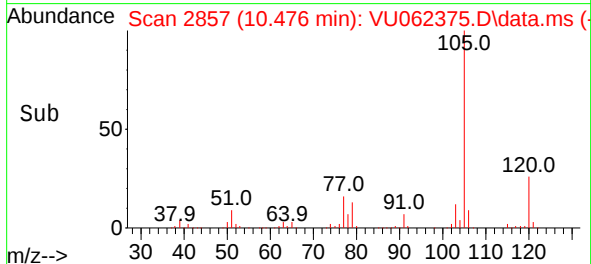
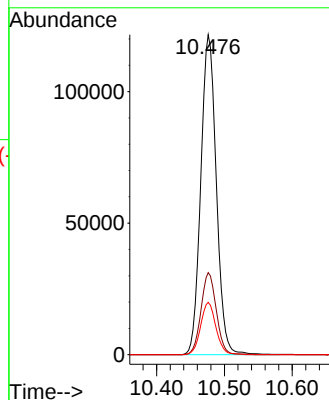
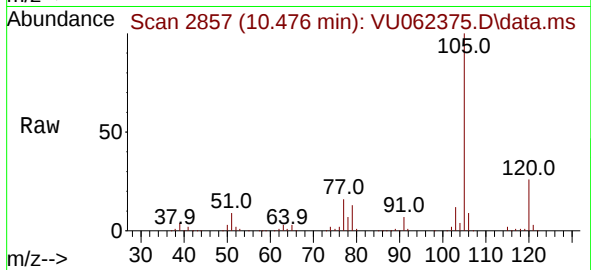
Tgt Ion:105 Resp: 193341

Ion Ratio Lower Upper

105 100

120 25.3 20.6 31.0

77 16.1 13.0 19.6



#61

1,2,3-Trichloropropane

Concen: 4.786 ug/L

RT: 10.814 min Scan# 2962

Delta R.T. 0.003 min

Lab File: VU062375.D

Acq: 17 Dec 2024 09:03

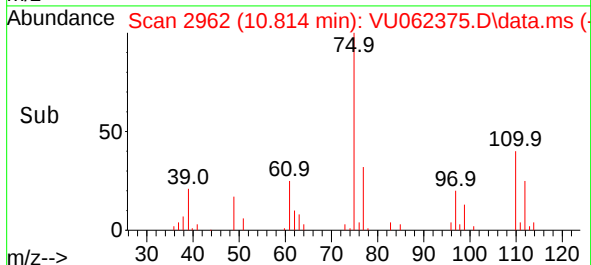
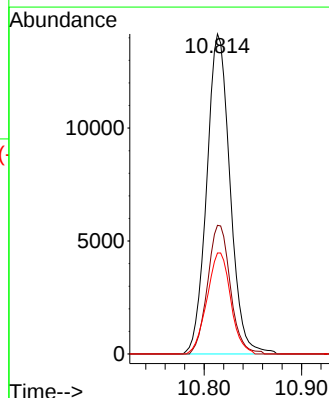
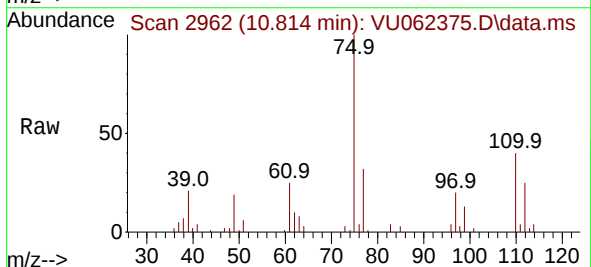
Tgt Ion: 75 Resp: 23529

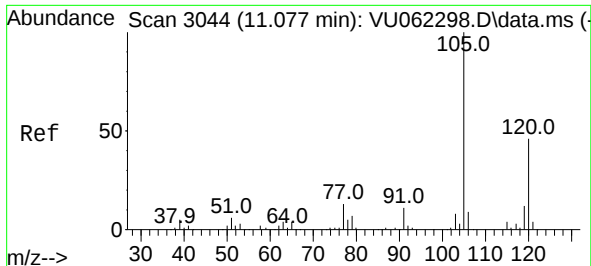
Ion Ratio Lower Upper

75 100

110 39.4 28.9 43.3

77 32.1 26.5 39.7





#62

1,3,5-Trimethylbenzene

Concen: 5.012 ug/L

RT: 11.081 min Scan# 3044

Delta R.T. 0.000 min

Lab File: VU062375.D

Acq: 17 Dec 2024 09:03

Instrument :

MSVOA_U

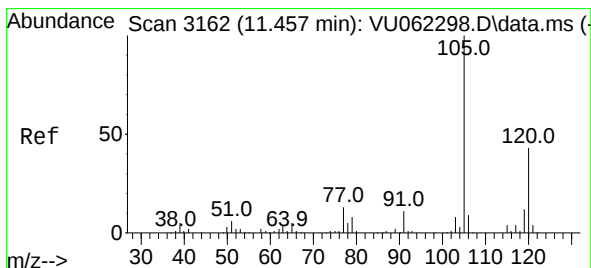
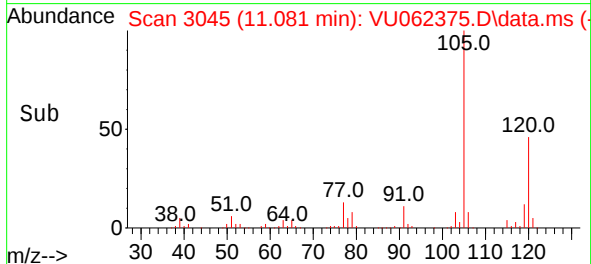
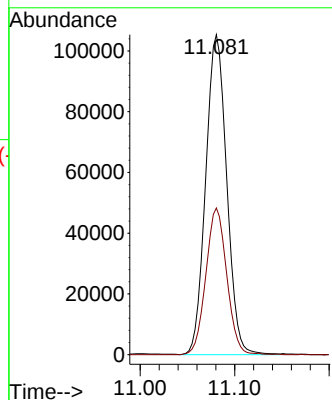
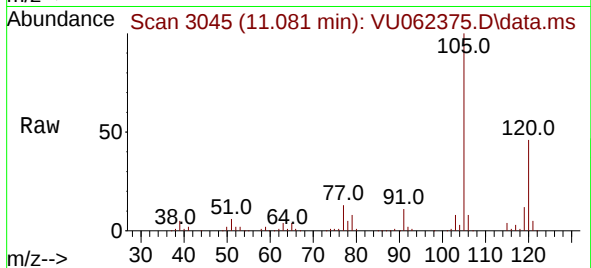
ClientSampleId :

Tgt Ion:105 Resp: 162921

Ion Ratio Lower Upper

105 100

120 45.6 36.7 55.1



#63

1,2,4-Trimethylbenzene

Concen: 5.008 ug/L

RT: 11.460 min Scan# 3163

Delta R.T. 0.000 min

Lab File: VU062375.D

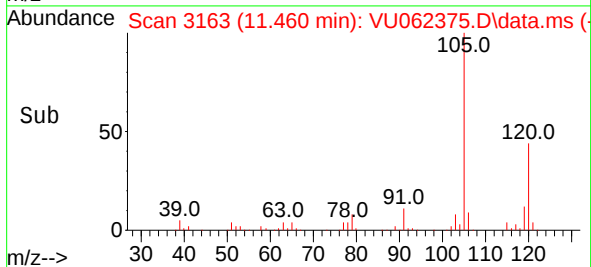
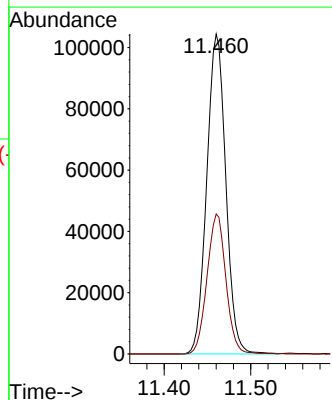
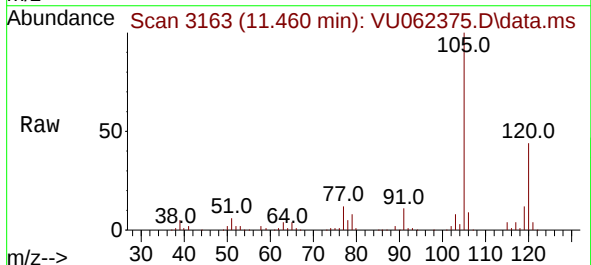
Acq: 17 Dec 2024 09:03

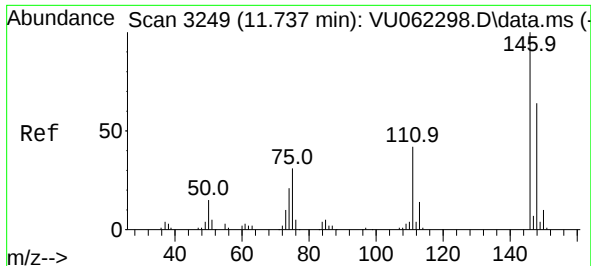
Tgt Ion:105 Resp: 159477

Ion Ratio Lower Upper

105 100

120 43.4 34.7 52.1





#64

1,3-Dichlorobenzene

Concen: 5.054 ug/L

RT: 11.740 min Scan# 3249

Delta R.T. 0.003 min

Lab File: VU062375.D

Acq: 17 Dec 2024 09:03

Instrument :

MSVOA_U

ClientSampleId :

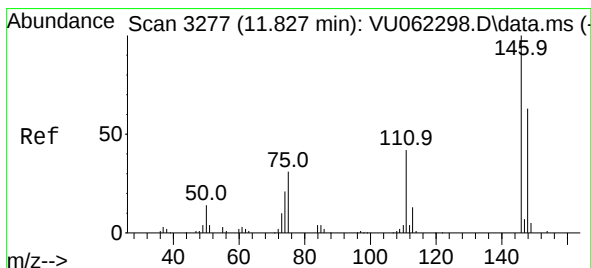
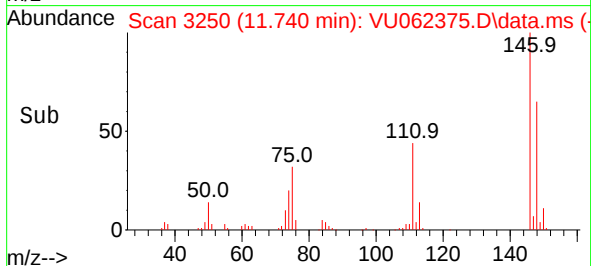
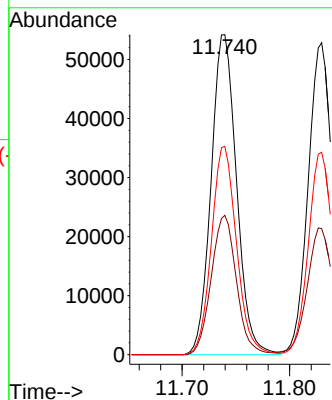
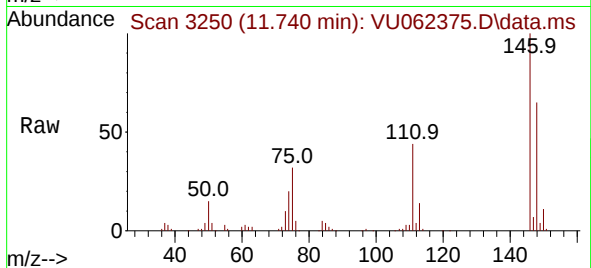
Tgt Ion:146 Resp: 89167

Ion Ratio Lower Upper

146 100

111 43.6 30.7 57.1

148 65.1 45.1 83.7



#65

1,4-Dichlorobenzene

Concen: 4.858 ug/L

RT: 11.830 min Scan# 3278

Delta R.T. 0.003 min

Lab File: VU062375.D

Acq: 17 Dec 2024 09:03

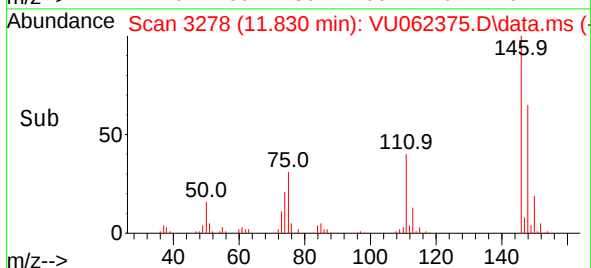
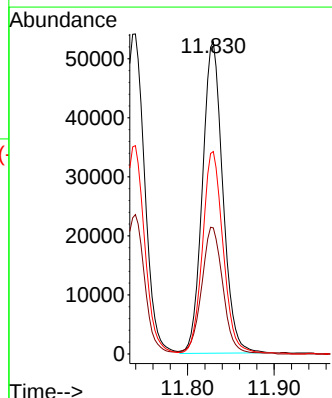
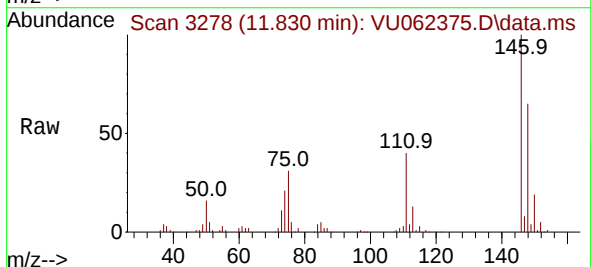
Tgt Ion:146 Resp: 86310

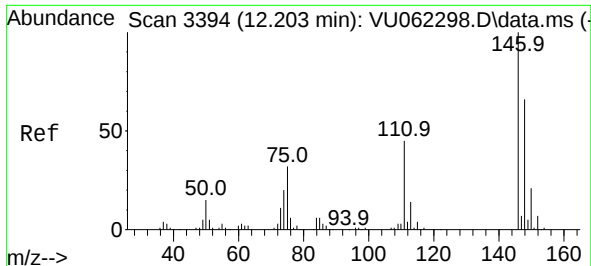
Ion Ratio Lower Upper

146 100

111 40.4 29.3 54.3

148 64.9 44.6 82.8





#67

1,2-Dichlorobenzene

Concen: 4.952 ug/L

RT: 12.203 min Scan# 3394

Delta R.T. 0.000 min

Lab File: VU062375.D

Acq: 17 Dec 2024 09:03

Instrument :

MSVOA_U

ClientSampleId :

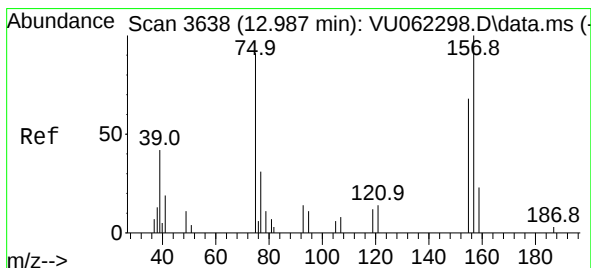
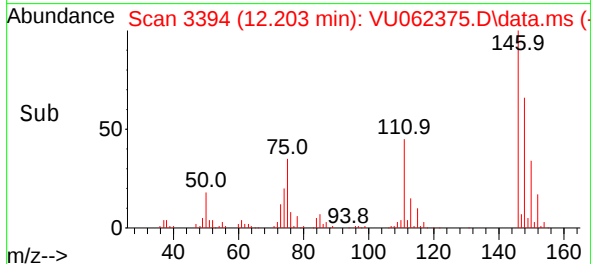
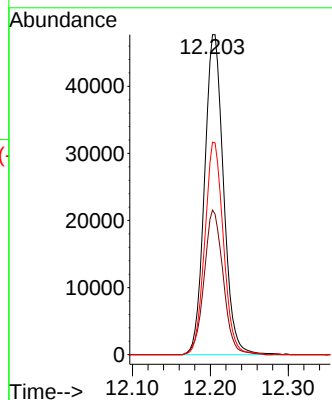
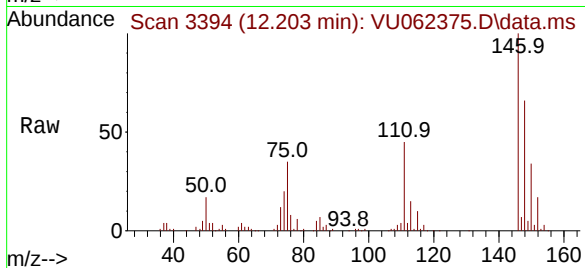
Tgt Ion:146 Resp: 80731

Ion Ratio Lower Upper

146 100

111 45.2 36.0 54.0

148 66.4 52.3 78.5



#68

1,2-Dibromo-3-chloropropane

Concen: 4.815 ug/L

RT: 12.987 min Scan# 3638

Delta R.T. 0.000 min

Lab File: VU062375.D

Acq: 17 Dec 2024 09:03

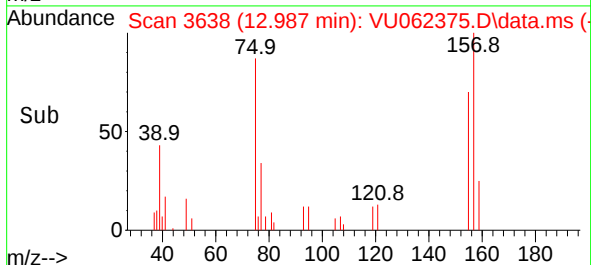
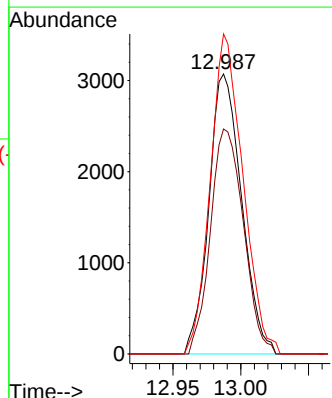
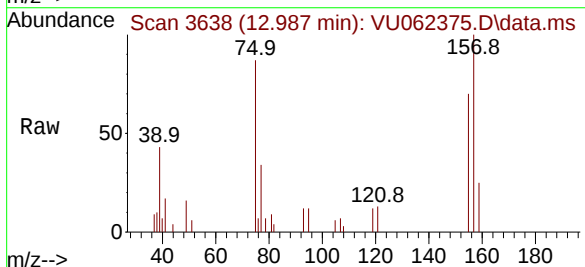
Tgt Ion: 75 Resp: 5164

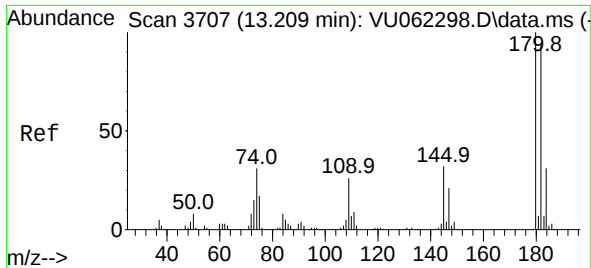
Ion Ratio Lower Upper

75 100

155 80.3 55.2 82.8

157 114.3 73.5 110.3#





#69

1,3,5-Trichlorobenzene

Concen: 5.181 ug/L

RT: 13.212 min Scan# 31

Delta R.T. 0.003 min

Lab File: VU062375.D

Acq: 17 Dec 2024 09:03

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion:180 Resp: 67950

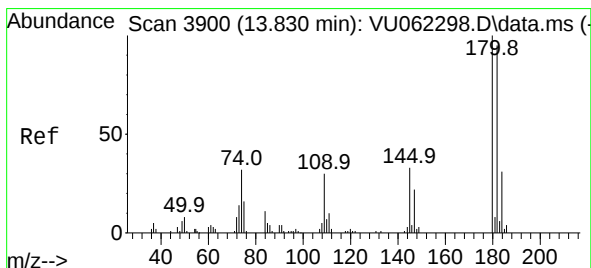
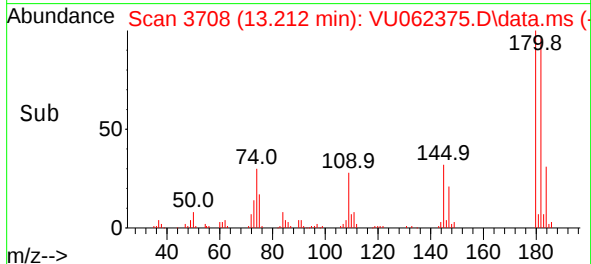
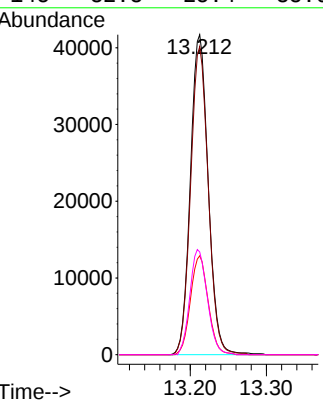
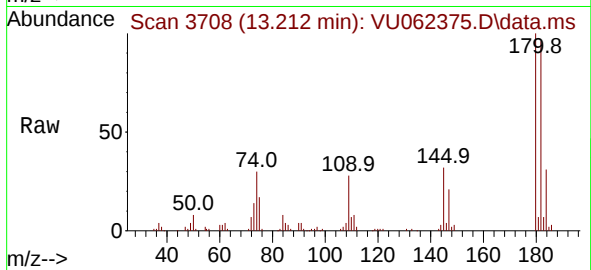
Ion Ratio Lower Upper

180 100

182 95.1 76.7 115.1

184 30.6 24.8 37.2

145 32.3 25.4 38.0



#70

1,2,4-trichlorobenzene

Concen: 4.891 ug/L

RT: 13.833 min Scan# 3901

Delta R.T. 0.000 min

Lab File: VU062375.D

Acq: 17 Dec 2024 09:03

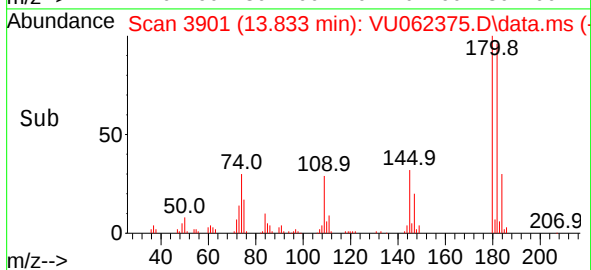
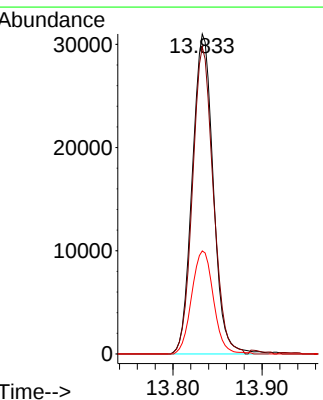
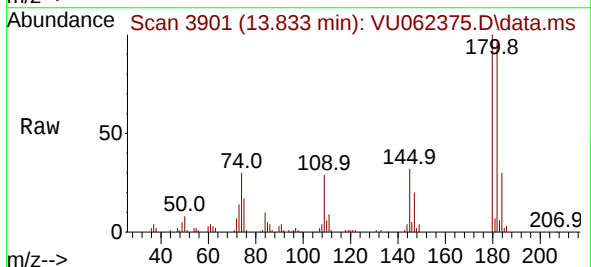
Tgt Ion:180 Resp: 50640

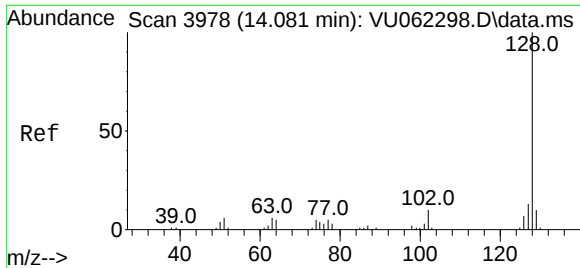
Ion Ratio Lower Upper

180 100

182 94.6 74.5 111.7

145 33.4 25.6 38.4

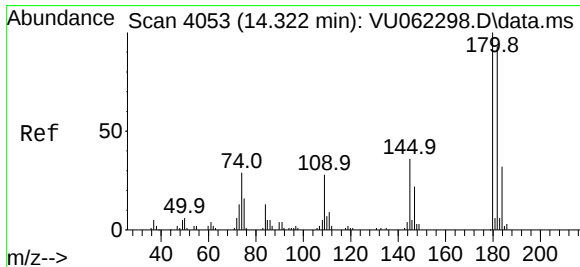
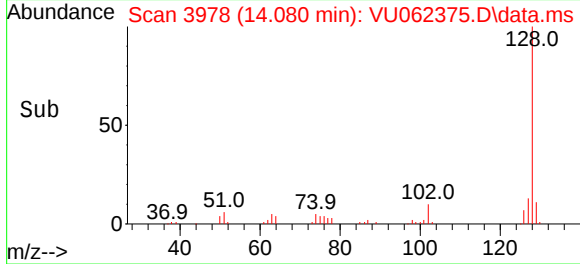
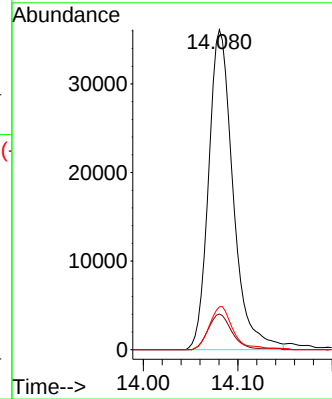
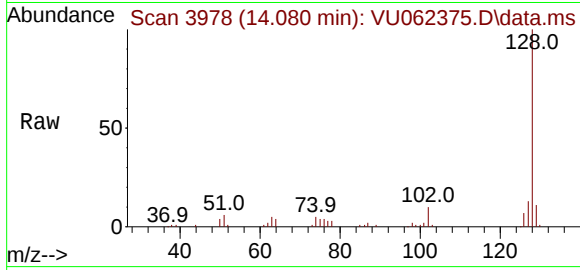




#71
Naphthalene
Concen: 4.181 ug/L
RT: 14.080 min Scan# 3978
Delta R.T. 0.000 min
Lab File: VU062375.D
Acq: 17 Dec 2024 09:03

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion:128 Resp: 65003
Ion Ratio Lower Upper
128 100
129 10.7 8.5 12.7
127 13.2 10.2 15.4



#72
1,2,3-Trichlorobenzene
Concen: 4.690 ug/L
RT: 14.322 min Scan# 4053
Delta R.T. 0.000 min
Lab File: VU062375.D
Acq: 17 Dec 2024 09:03

Tgt Ion:180 Resp: 42824
Ion Ratio Lower Upper
180 100
182 98.8 76.1 114.1
145 34.0 27.4 41.0

