

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU122024\
 Data File : VU062512.D
 Acq On : 20 Dec 2024 09:29
 Operator : MD/SY
 Sample : VSTDCCC005
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Dec 20 22:28:42 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR120924WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Dec 20 01:26:48 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	102064	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.409	117	95689	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	49404	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	25451	3.697	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	74.000%
7) Chloroethane-d5	1.911	69	20148	4.115	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	82.200%
11) 1,1-Dichloroethene-d2	2.560	65	13691	4.180	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	83.600%
20) 2-Butanone-d5	4.628	46	52312	39.649	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	79.300%
24) Chloroform-d	5.052	84	65707	4.410	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	88.200%
26) 1,2-Dichloroethane-d4	5.692	65	34396	4.695	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.800%
32) Benzene-d6	5.718	84	113350	4.113	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	82.200%
36) 1,2-Dichloropropane-d6	6.679	67	29928	3.795	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	76.000%
41) Toluene-d8	7.888	98	113260	4.350	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	87.000%
43) trans-1,3-Dichloroprop...	8.174	79	14776	4.257	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	85.200%
46) 2-Hexanone-d5	8.624	63	40310	38.495	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	76.980%
56) 1,1,2,2-Tetrachloroeth...	10.746	84	25862	4.215	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	84.200%
66) 1,2-Dichlorobenzene-d4	12.184	152	40893	4.492	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	89.800%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.383	85	43076	4.506	ug/L	99
3) Chloromethane	1.518	50	27337	3.648	ug/L	99
5) Vinyl chloride	1.602	62	31525	4.040	ug/L	98
6) Bromomethane	1.856	94	23408	4.501	ug/L	96
8) Chloroethane	1.930	64	18249	4.176	ug/L	99
9) Trichlorofluoromethane	2.132	101	69099	5.102	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.576	101	34302	4.653	ug/L	90
12) 1,1-Dichloroethene	2.573	96	29198	4.237	ug/L #	89
13) Acetone	2.644	43	40314	44.877	ug/L	98
14) Carbon disulfide	2.785	76	82788	3.799	ug/L	100
15) Methyl Acetate	2.952	43	8172	3.630	ug/L #	77
16) Methylene chloride	3.036	84	32590	4.505	ug/L	87
17) Methyl tert-butyl Ether	3.354	73	77970	4.542	ug/L	97
18) trans-1,2-Dichloroethene	3.345	96	30554	4.315	ug/L	89
19) 1,1-Dichloroethane	3.859	63	55816	4.301	ug/L	96
21) 2-Butanone	4.708	43	54685	41.917	ug/L	88
22) cis-1,2-Dichloroethene	4.656	96	35068	4.419	ug/L	90
23) Bromochloromethane	4.965	128	16577	4.765	ug/L #	76
25) Chloroform	5.078	83	71476	4.889	ug/L	99

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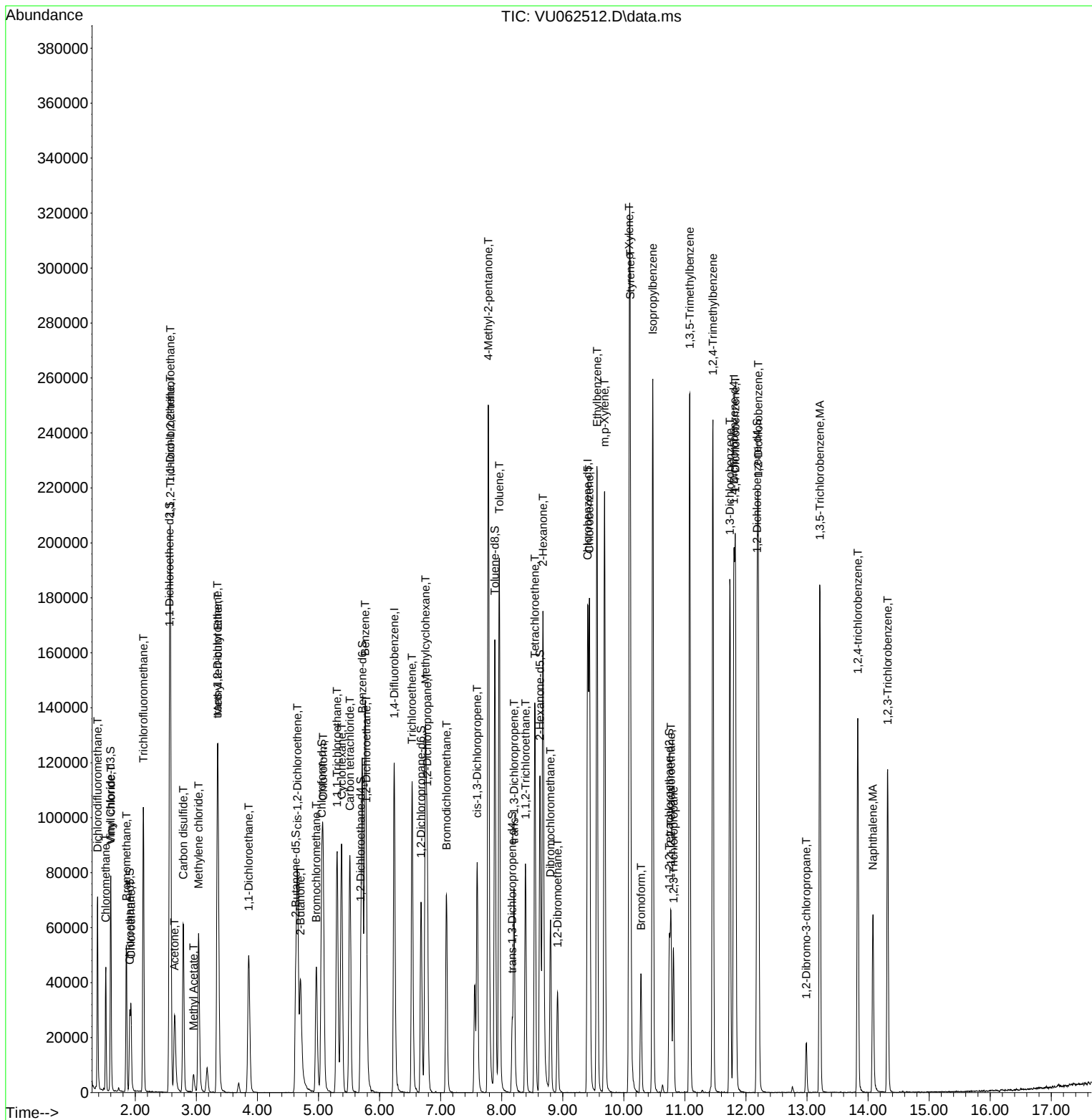
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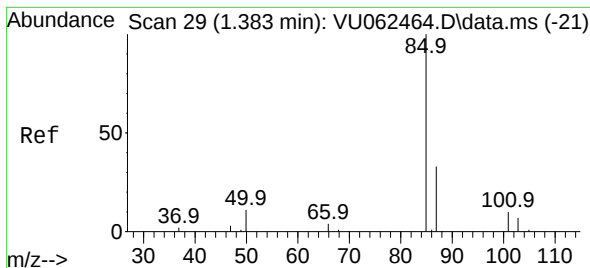
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 Quant Title : TRACE VOA SFAM1.0
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.785	62	44563	4.797	ug/L	96
29) 1,1,1-Trichloroethane	5.306	97	68913	5.119	ug/L	94
30) Cyclohexane	5.380	56	43207	3.958	ug/L	89
31) Carbon tetrachloride	5.515	117	62499	5.063	ug/L	100
33) Benzene	5.766	78	127683	4.306	ug/L	100
34) Trichloroethene	6.531	95	39358	4.686	ug/L	98
35) Methylcyclohexane	6.753	83	53232	4.274	ug/L	92
37) 1,2-Dichloropropane	6.782	63	30354	4.203	ug/L #	95
38) Bromodichloromethane	7.097	83	48760	4.786	ug/L	95
39) cis-1,3-Dichloropropene	7.598	75	52010	4.493	ug/L	99
40) 4-Methyl-2-pentanone	7.782	43	146052	43.154	ug/L #	92
42) Toluene	7.962	91	147314	4.607	ug/L	98
44) trans-1,3-Dichloropropene	8.203	75	44667	4.726	ug/L	100
45) 1,1,2-Trichloroethane	8.389	97	25641	4.703	ug/L	94
47) Tetrachloroethene	8.544	164	31368	4.837	ug/L	96
48) 2-Hexanone	8.676	43	105393	42.137	ug/L #	95
49) Dibromochloromethane	8.798	129	33228	5.045	ug/L	91
50) 1,2-Dibromoethane	8.914	107	24572	4.691	ug/L #	99
51) Chlorobenzene	9.438	112	94256	4.600	ug/L	96
52) Ethylbenzene	9.563	91	165798	4.625	ug/L	97
53) m,p-Xylene	9.685	106	63097	4.767	ug/L	95
54) o-Xylene	10.090	106	59916	4.654	ug/L	97
55) Styrene	10.106	104	99737	4.700	ug/L	95
57) 1,1,2,2-Tetrachloroethane	10.772	83	27864	4.392	ug/L #	98
59) Bromoform	10.283	173	19504	5.024	ug/L #	96
60) Isopropylbenzene	10.476	105	169303	4.744	ug/L	99
61) 1,2,3-Trichloropropane	10.814	75	21454	4.696	ug/L	95
62) 1,3,5-Trimethylbenzene	11.081	105	143275	4.744	ug/L	100
63) 1,2,4-Trimethylbenzene	11.460	105	139784	4.724	ug/L	99
64) 1,3-Dichlorobenzene	11.737	146	76680	4.677	ug/L	98
65) 1,4-Dichlorobenzene	11.827	146	76325	4.623	ug/L	97
67) 1,2-Dichlorobenzene	12.203	146	72489	4.785	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.987	75	4929	4.946	ug/L #	75
69) 1,3,5-Trichlorobenzene	13.209	180	58577	4.807	ug/L	98
70) 1,2,4-trichlorobenzene	13.833	180	42895	4.458	ug/L	97
71) Naphthalene	14.081	128	58651	4.060	ug/L	99
72) 1,2,3-Trichlorobenzene	14.322	180	37055	4.367	ug/L	99

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

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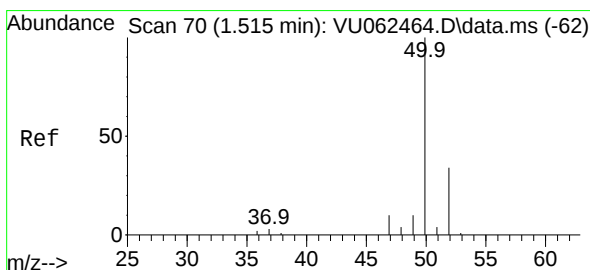
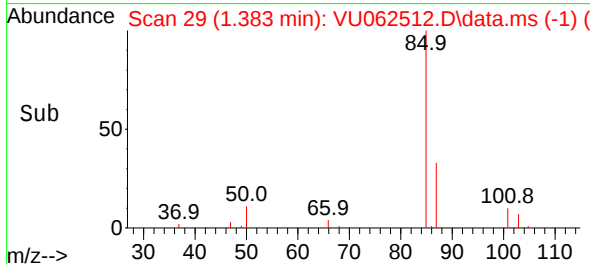
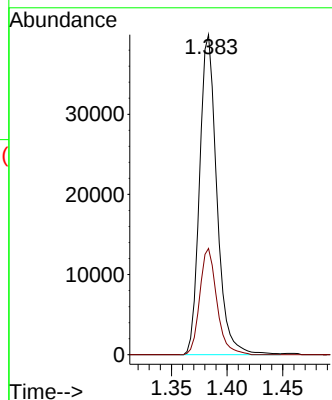
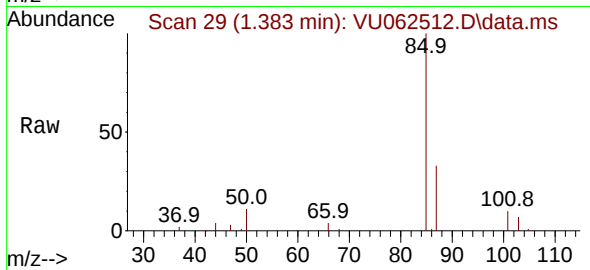




#2
 Dichlorodifluoromethane
 Concen: 4.506 ug/L
 RT: 1.383 min Scan# 29
 Delta R.T. 0.003 min
 Lab File: VU062512.D
 Acq: 20 Dec 2024 09:29

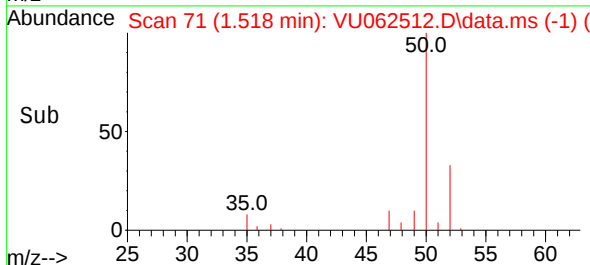
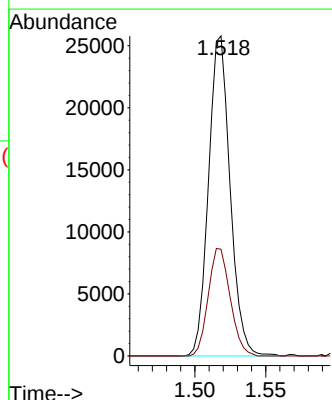
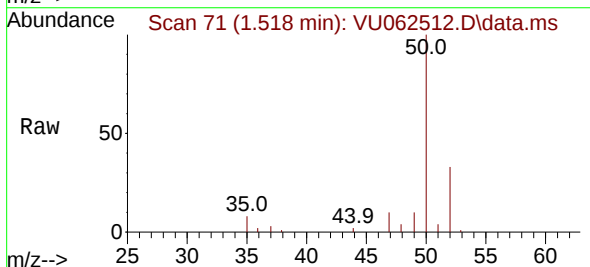
Instrument :
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 ClientSampleId :

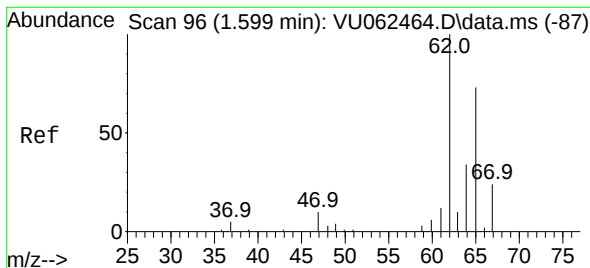
Tgt Ion: 85 Resp: 43076
 Ion Ratio Lower Upper
 85 100
 87 32.8 26.6 40.0



#3
 Chloromethane
 Concen: 3.648 ug/L
 RT: 1.518 min Scan# 71
 Delta R.T. 0.003 min
 Lab File: VU062512.D
 Acq: 20 Dec 2024 09:29

Tgt Ion: 50 Resp: 27337
 Ion Ratio Lower Upper
 50 100
 52 33.3 23.1 42.9





#5

Vinyl chloride

Concen: 4.040 ug/L

RT: 1.602 min Scan# 91

Delta R.T. 0.003 min

Lab File: VU062512.D

Acq: 20 Dec 2024 09:29

Instrument :

MSVOA_U

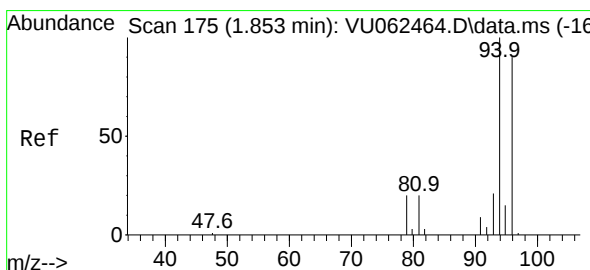
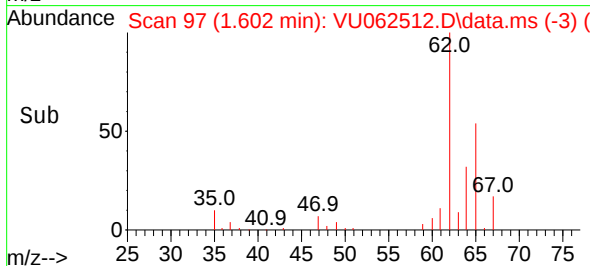
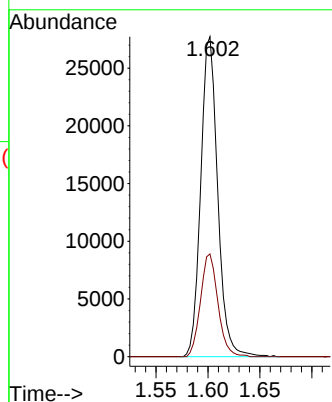
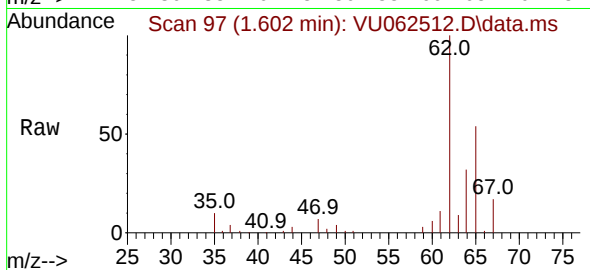
ClientSampleId :

Tgt Ion: 62 Resp: 31525

Ion Ratio Lower Upper

62 100

64 32.1 23.1 42.9



#6

Bromomethane

Concen: 4.501 ug/L

RT: 1.856 min Scan# 176

Delta R.T. 0.003 min

Lab File: VU062512.D

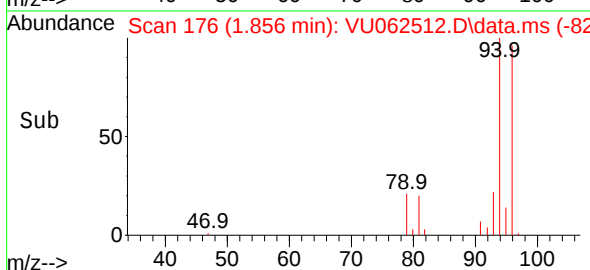
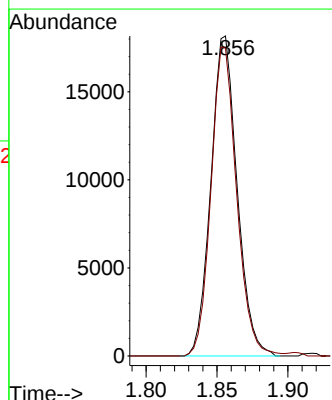
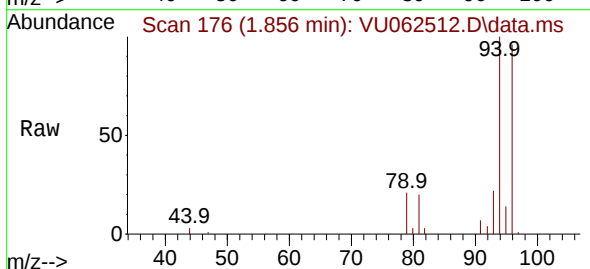
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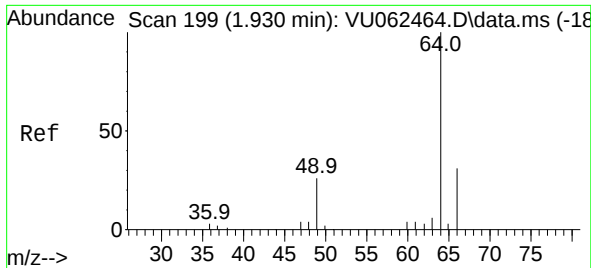
Tgt Ion: 94 Resp: 23408

Ion Ratio Lower Upper

94 100

96 96.2 64.5 119.9

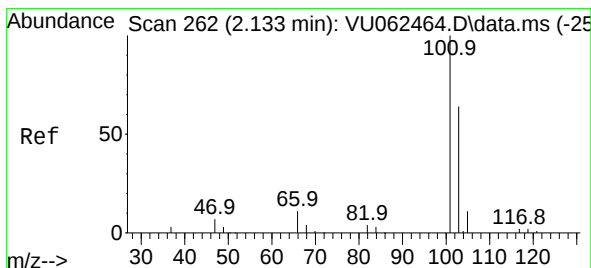
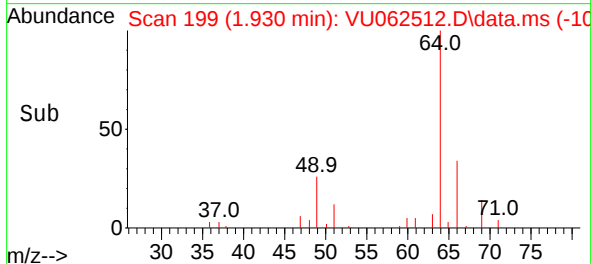
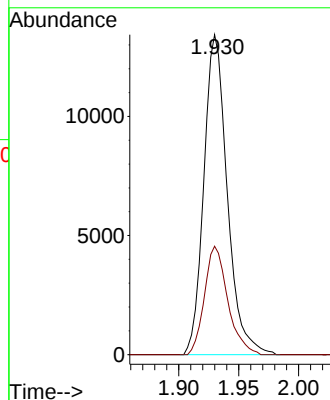
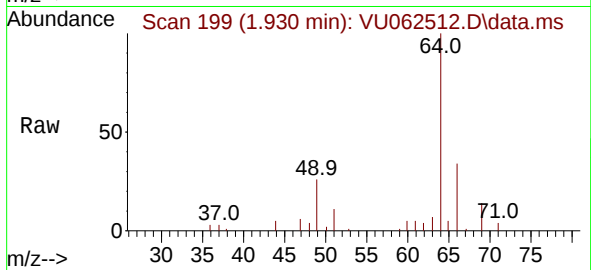




#8
Chloroethane
Concen: 4.176 ug/L
RT: 1.930 min Scan# 199
Delta R.T. 0.003 min
Lab File: VU062512.D
Acq: 20 Dec 2024 09:29

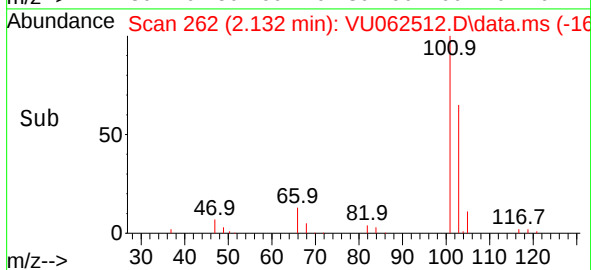
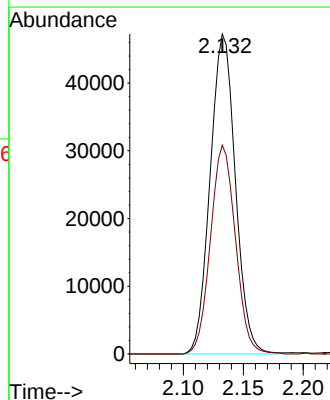
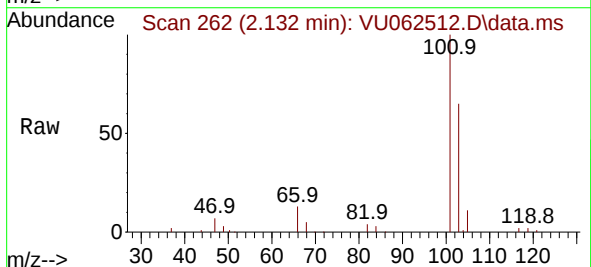
Instrument :
MSVOA_U
ClientSampleId :

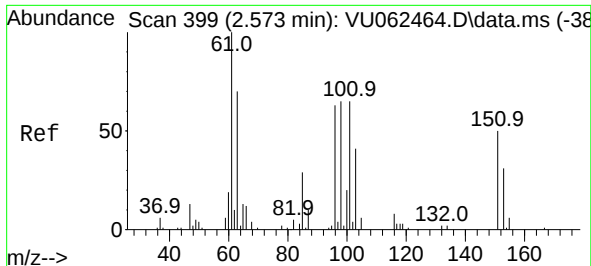
Tgt Ion: 64 Resp: 18249
Ion Ratio Lower Upper
64 100
66 33.9 23.2 43.2



#9
Trichlorofluoromethane
Concen: 5.102 ug/L
RT: 2.132 min Scan# 262
Delta R.T. -0.000 min
Lab File: VU062512.D
Acq: 20 Dec 2024 09:29

Tgt Ion:101 Resp: 69099
Ion Ratio Lower Upper
101 100
103 64.5 50.6 75.8

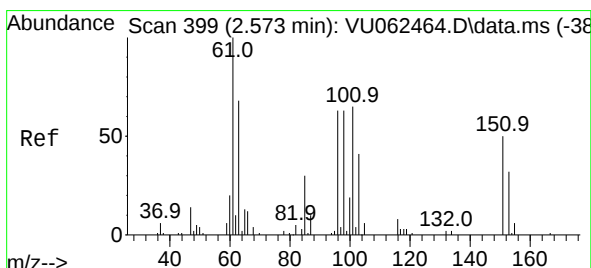
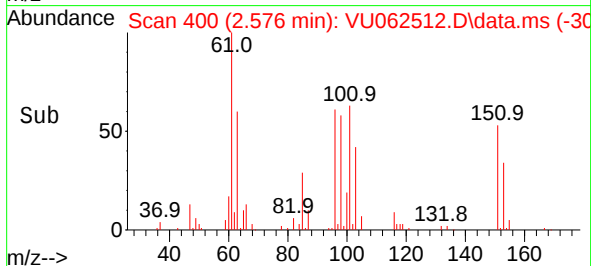
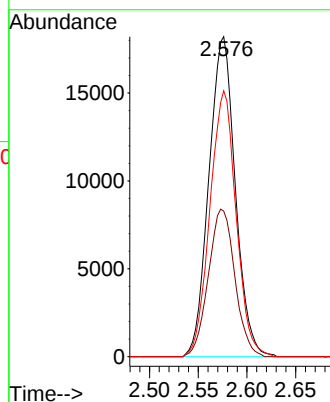
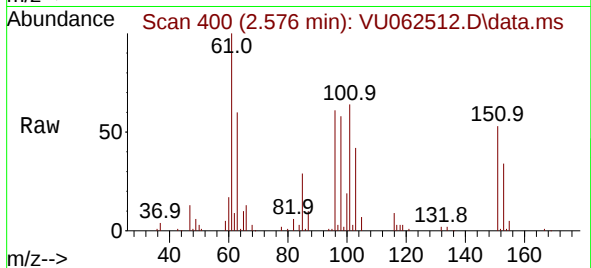




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 4.653 ug/L
RT: 2.576 min Scan# 400
Delta R.T. 0.003 min
Lab File: VU062512.D
Acq: 20 Dec 2024 09:29

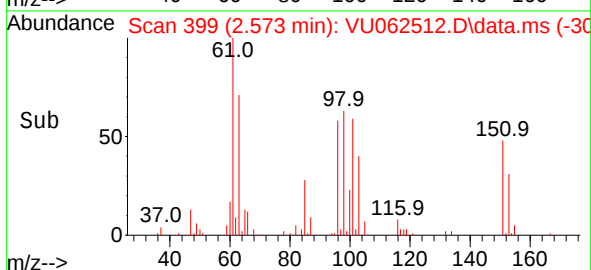
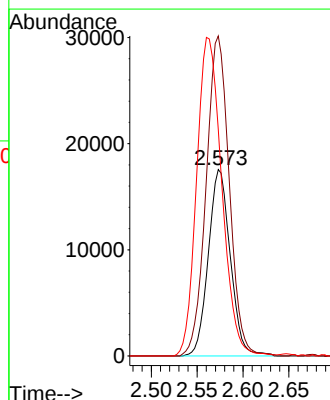
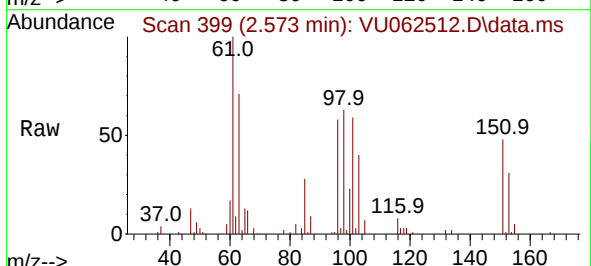
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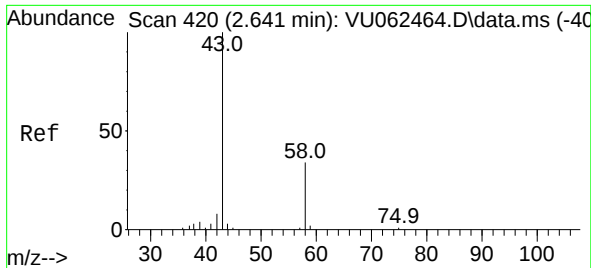
Tgt Ion:101 Resp: 34302
Ion Ratio Lower Upper
101 100
85 46.3 38.0 57.0
151 82.4 55.3 82.9



#12
1,1-Dichloroethene
Concen: 4.237 ug/L
RT: 2.573 min Scan# 399
Delta R.T. -0.000 min
Lab File: VU062512.D
Acq: 20 Dec 2024 09:29

Tgt Ion: 96 Resp: 29198
Ion Ratio Lower Upper
96 100
61 171.7 119.6 222.2
63 121.5 65.0 120.6#





#13

Acetone

Concen: 44.877 ug/L

RT: 2.644 min Scan# 41

Delta R.T. 0.003 min

Lab File: VU062512.D

Acq: 20 Dec 2024 09:29

Instrument :

MSVOA_U

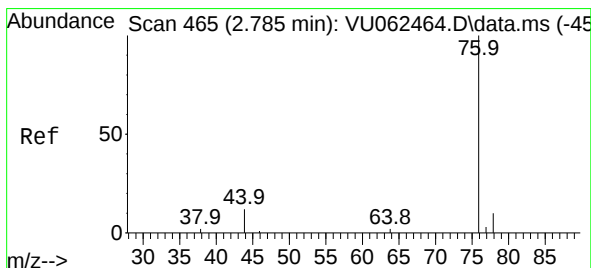
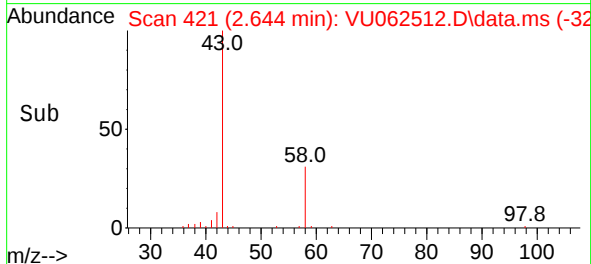
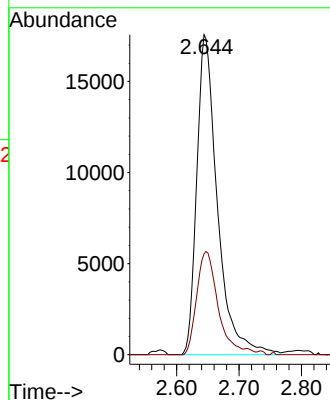
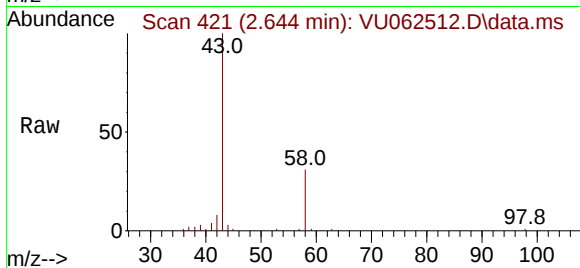
ClientSampleId :

Tgt Ion: 43 Resp: 40314

Ion Ratio Lower Upper

43 100

58 32.9 0.0 64.0



#14

Carbon disulfide

Concen: 3.799 ug/L

RT: 2.785 min Scan# 465

Delta R.T. -0.000 min

Lab File: VU062512.D

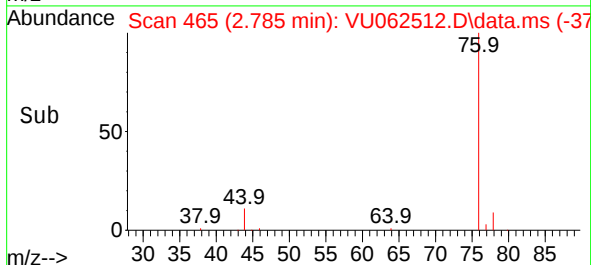
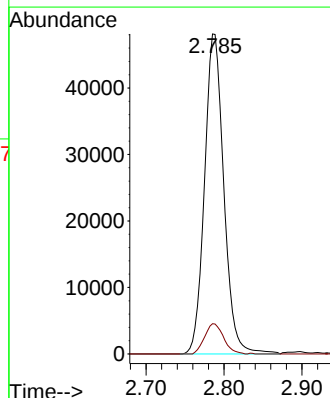
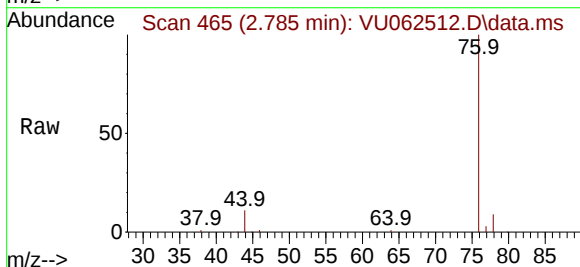
Acq: 20 Dec 2024 09:29

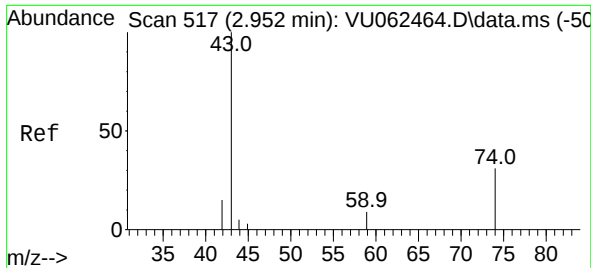
Tgt Ion: 76 Resp: 82788

Ion Ratio Lower Upper

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78 9.5 7.5 11.3

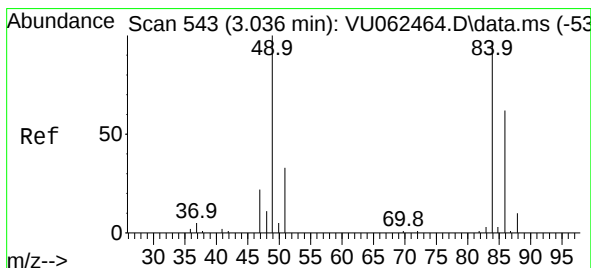
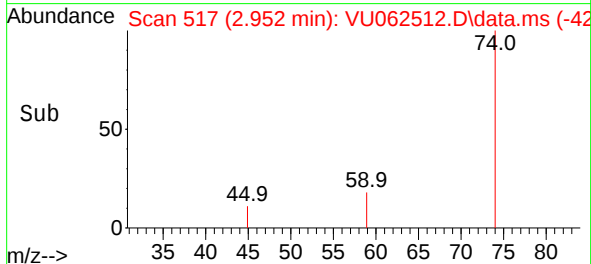
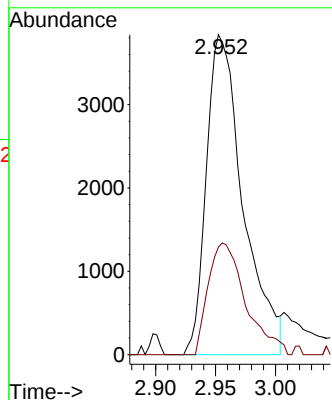
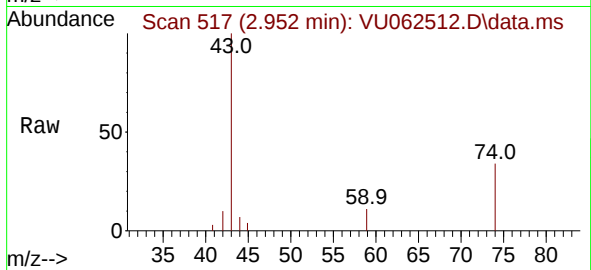




#15
Methyl Acetate
Concen: 3.630 ug/L
RT: 2.952 min Scan# 517
Delta R.T. -0.000 min
Lab File: VU062512.D
Acq: 20 Dec 2024 09:29

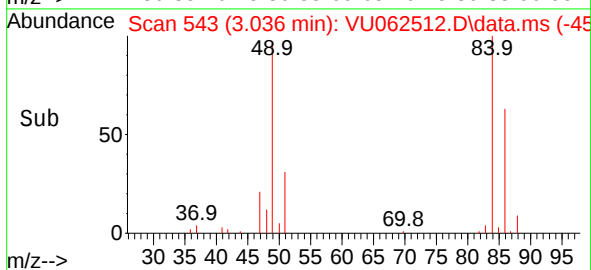
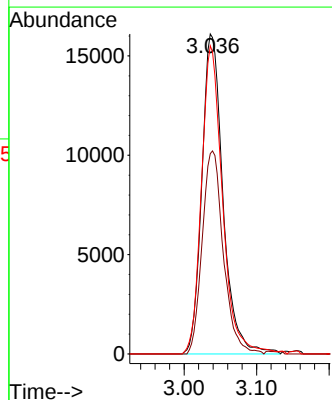
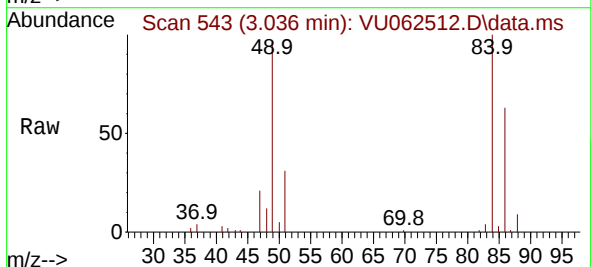
Instrument :
MSVOA_U
ClientSampleId :

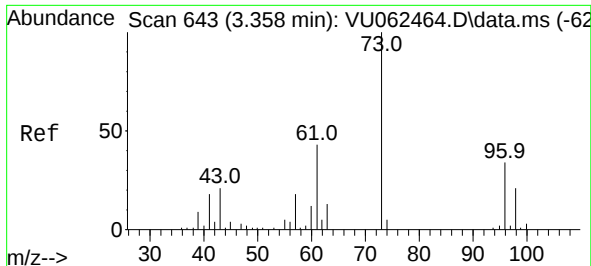
Tgt Ion: 43 Resp: 8172
Ion Ratio Lower Upper
43 100
74 35.6 19.4 29.2#



#16
Methylene chloride
Concen: 4.505 ug/L
RT: 3.036 min Scan# 543
Delta R.T. -0.000 min
Lab File: VU062512.D
Acq: 20 Dec 2024 09:29

Tgt Ion: 84 Resp: 32590
Ion Ratio Lower Upper
84 100
86 62.6 43.5 80.7
49 96.3 81.9 152.1

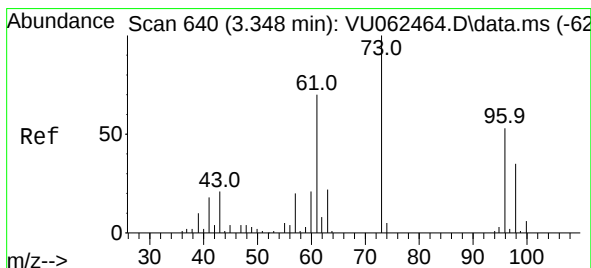
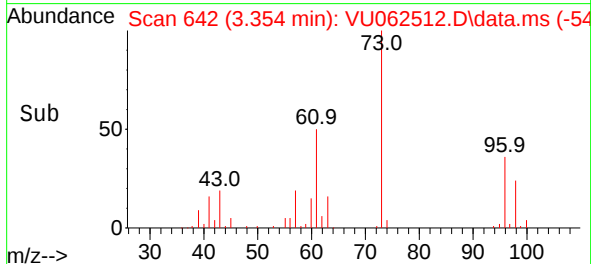
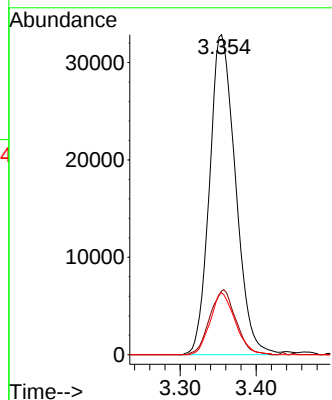
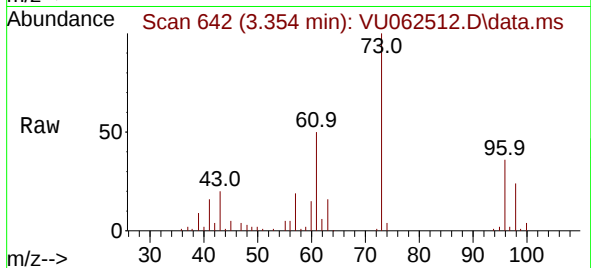




#17
Methyl tert-butyl Ether
Concen: 4.542 ug/L
RT: 3.354 min Scan# 643
Delta R.T. -0.000 min
Lab File: VU062512.D
Acq: 20 Dec 2024 09:29

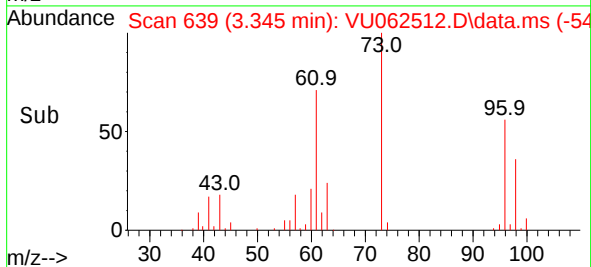
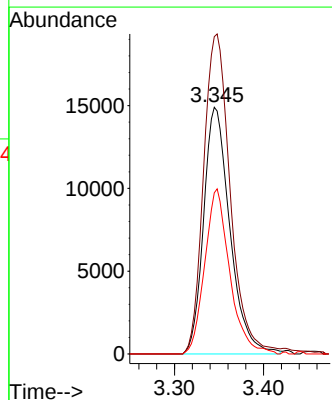
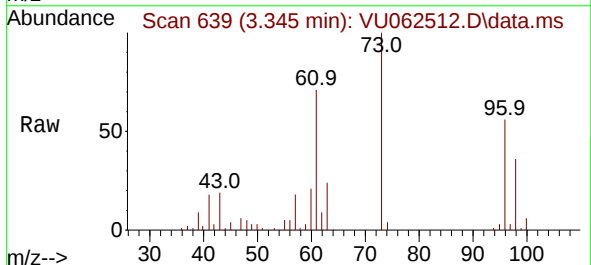
Instrument :
MSVOA_U
ClientSampleId :

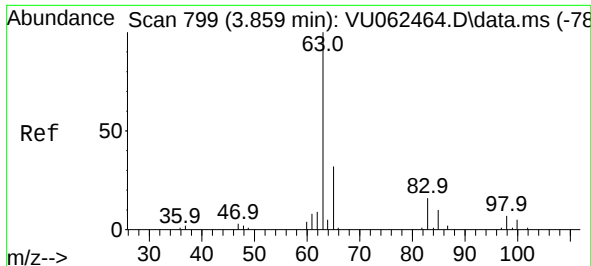
Tgt Ion: 73 Resp: 77970
Ion Ratio Lower Upper
73 100
43 20.3 16.3 24.5
57 18.7 17.1 25.7



#18
trans-1,2-Dichloroethene
Concen: 4.315 ug/L
RT: 3.345 min Scan# 639
Delta R.T. -0.000 min
Lab File: VU062512.D
Acq: 20 Dec 2024 09:29

Tgt Ion: 96 Resp: 30554
Ion Ratio Lower Upper
96 100
61 128.6 104.2 193.4
98 65.3 45.7 84.9

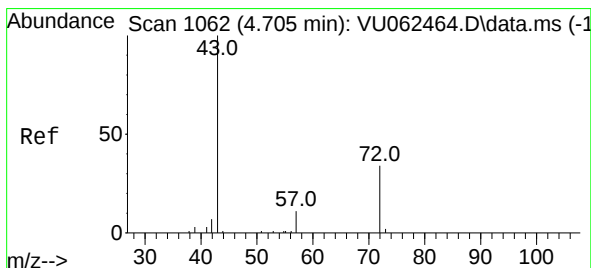
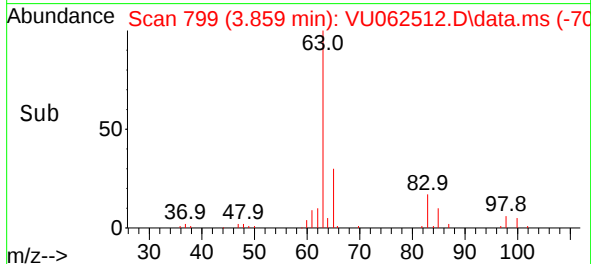
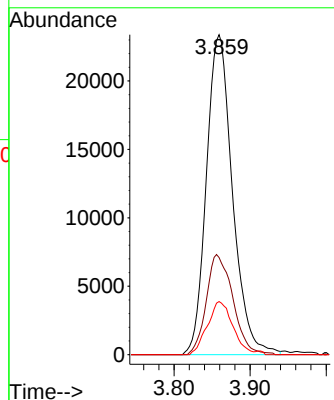
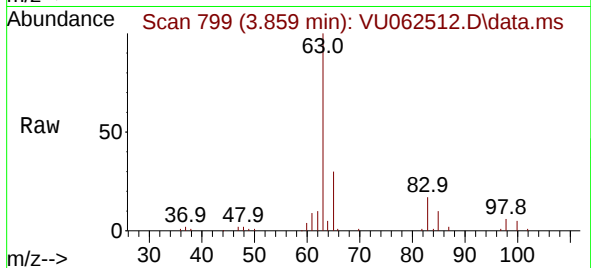




#19
1,1-Dichloroethane
Concen: 4.301 ug/L
RT: 3.859 min Scan# 799
Delta R.T. 0.003 min
Lab File: VU062512.D
Acq: 20 Dec 2024 09:29

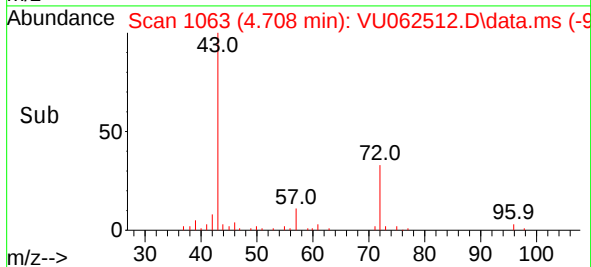
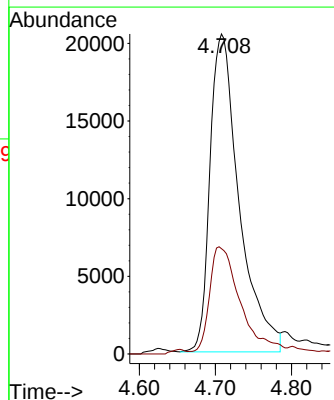
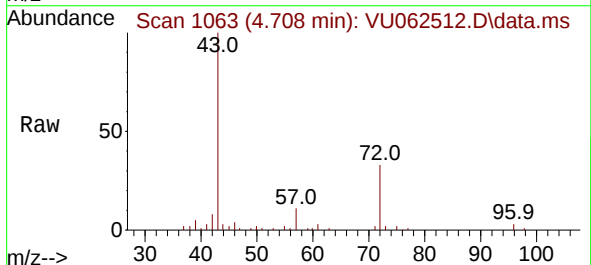
Instrument :
MSVOA_U
ClientSampleId :

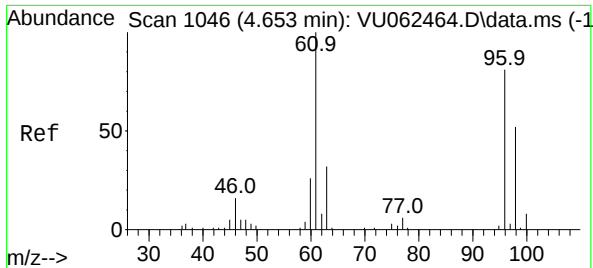
Tgt Ion: 63 Resp: 55816
Ion Ratio Lower Upper
63 100
65 30.9 22.7 42.3
83 16.6 9.9 18.3



#21
2-Butanone
Concen: 41.917 ug/L
RT: 4.708 min Scan# 1063
Delta R.T. 0.006 min
Lab File: VU062512.D
Acq: 20 Dec 2024 09:29

Tgt Ion: 43 Resp: 54685
Ion Ratio Lower Upper
43 100
72 36.1 14.8 44.4

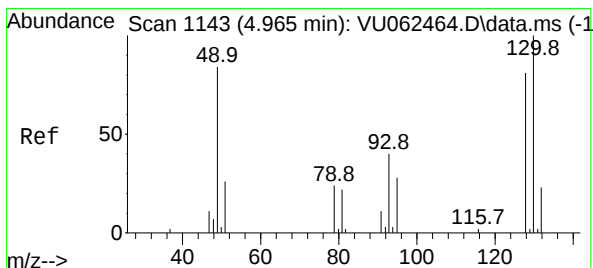
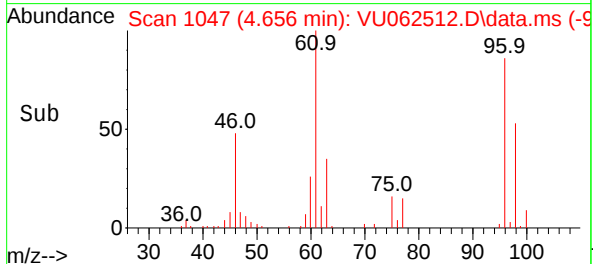
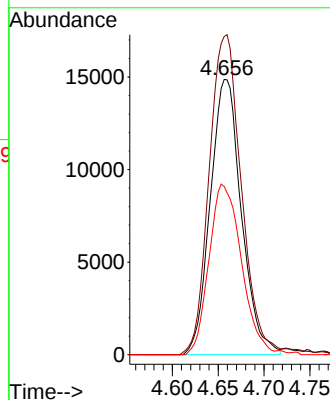
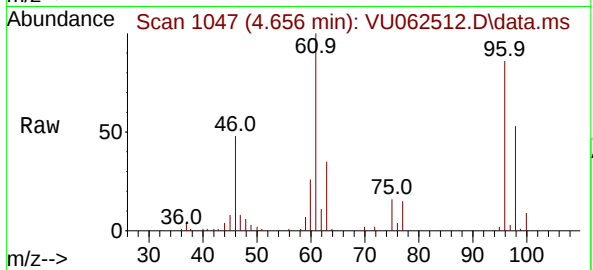




#22
 cis-1,2-Dichloroethene
 Concen: 4.419 ug/L
 RT: 4.656 min Scan# 1047
 Delta R.T. -0.000 min
 Lab File: VU062512.D
 Acq: 20 Dec 2024 09:29

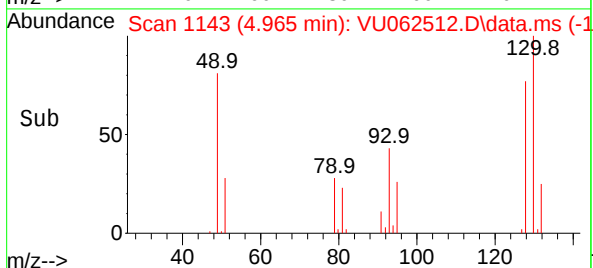
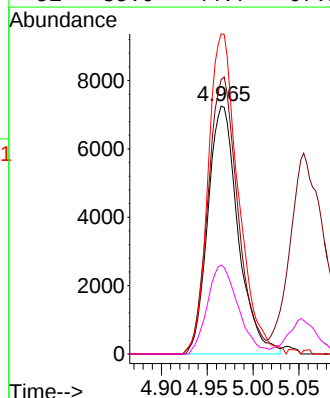
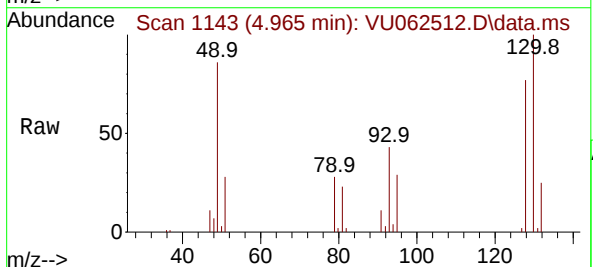
Instrument :
 MSVOA_U
 ClientSampleId :

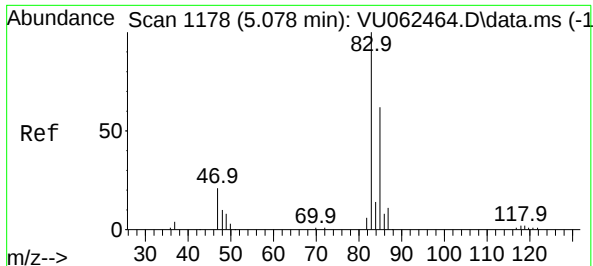
Tgt Ion: 96 Resp: 35068
 Ion Ratio Lower Upper
 96 100
 61 115.6 92.0 170.8
 98 61.1 44.5 82.7



#23
 Bromochloromethane
 Concen: 4.765 ug/L
 RT: 4.965 min Scan# 1143
 Delta R.T. -0.000 min
 Lab File: VU062512.D
 Acq: 20 Dec 2024 09:29

Tgt Ion: 128 Resp: 16577
 Ion Ratio Lower Upper
 128 100
 49 110.6 115.3 214.1#
 130 129.1 92.0 170.8
 51 35.9 44.7 67.1#





#25

Chloroform

Concen: 4.889 ug/L

RT: 5.078 min Scan# 1178

Delta R.T. -0.000 min

Lab File: VU062512.D

Acq: 20 Dec 2024 09:29

Instrument :

MSVOA_U

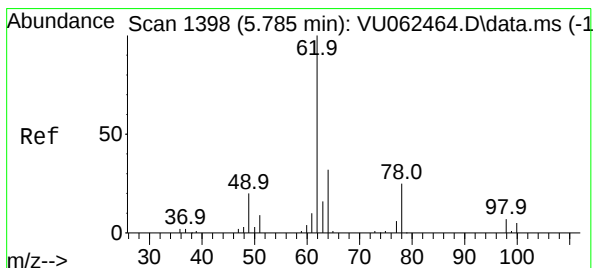
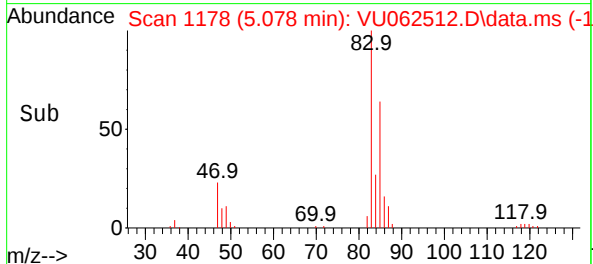
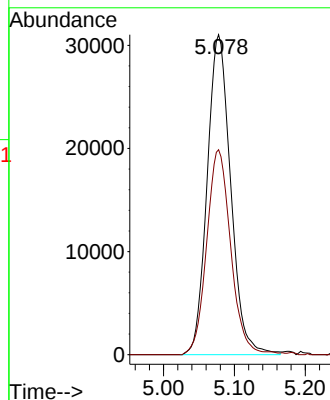
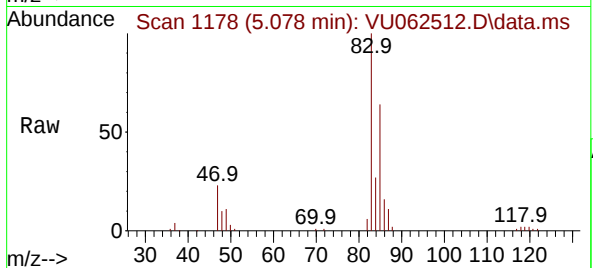
ClientSampleId :

Tgt Ion: 83 Resp: 71476

Ion Ratio Lower Upper

83 100

85 64.1 45.4 84.2



#27

1,2-Dichloroethane

Concen: 4.797 ug/L

RT: 5.785 min Scan# 1398

Delta R.T. 0.003 min

Lab File: VU062512.D

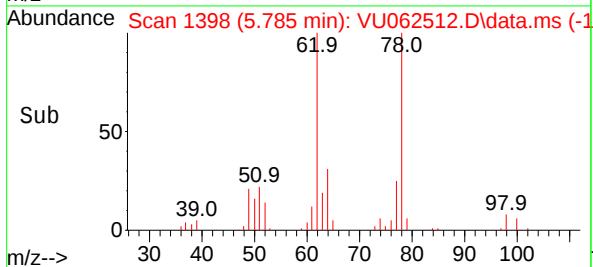
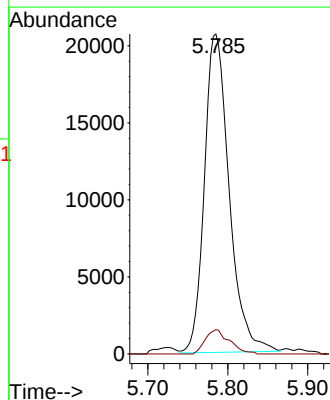
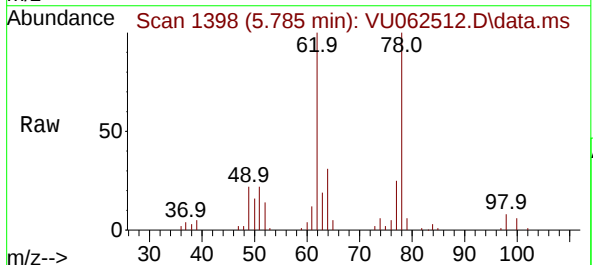
Acq: 20 Dec 2024 09:29

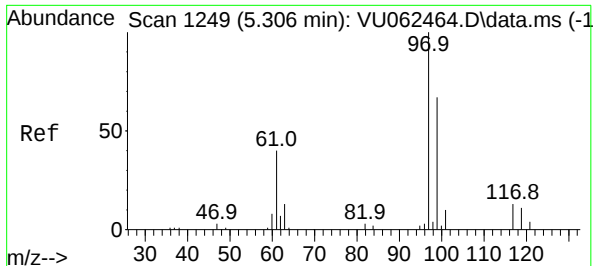
Tgt Ion: 62 Resp: 44563

Ion Ratio Lower Upper

62 100

98 7.6 7.4 11.0

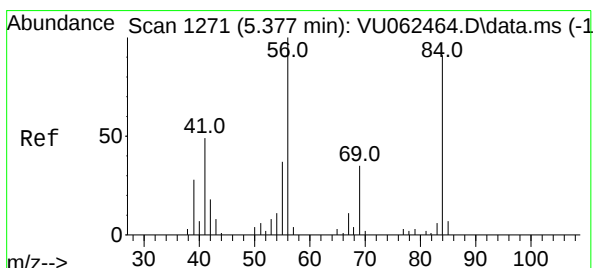
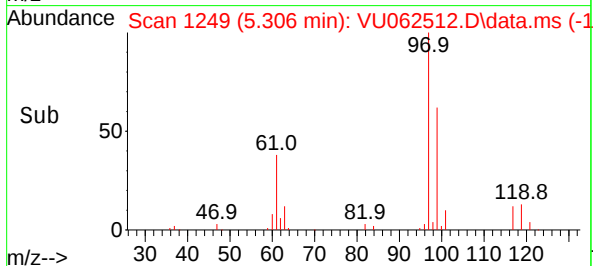
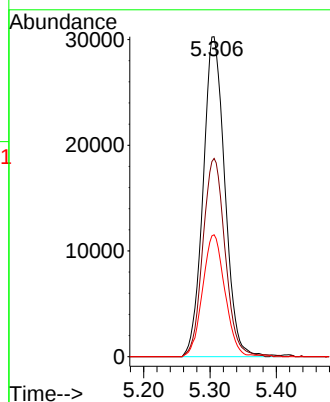
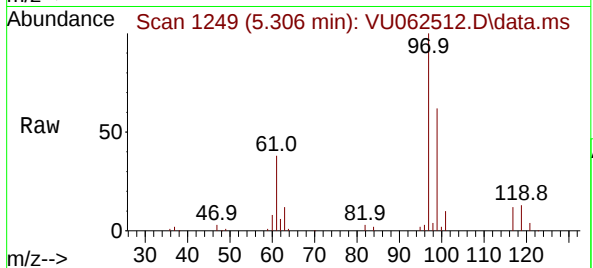




#29
1,1,1-Trichloroethane
Concen: 5.119 ug/L
RT: 5.306 min Scan# 11
Delta R.T. 0.003 min
Lab File: VU062512.D
Acq: 20 Dec 2024 09:29

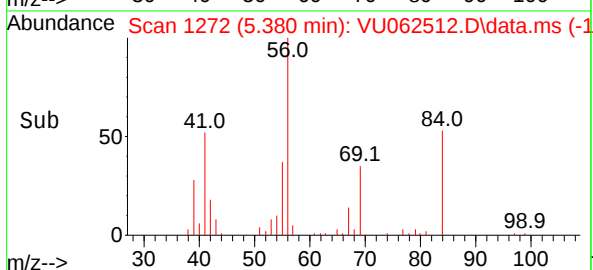
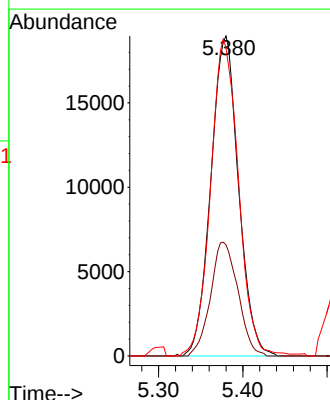
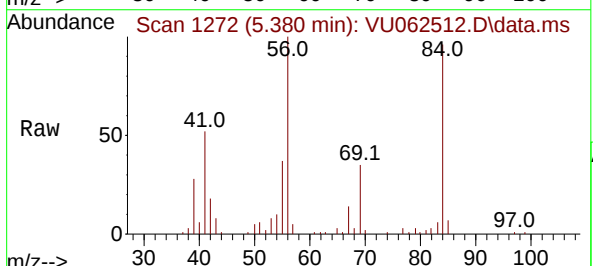
Instrument :
MSVOA_U
ClientSampleId :

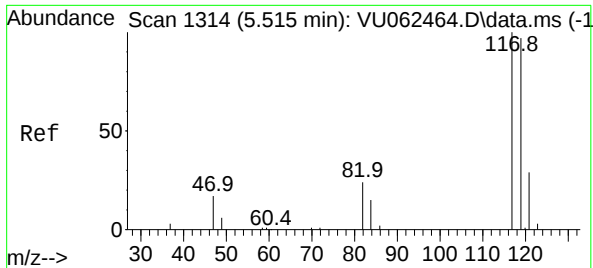
Tgt Ion: 97 Resp: 68913
Ion Ratio Lower Upper
97 100
99 63.4 51.4 77.2
61 39.0 37.8 56.6



#30
Cyclohexane
Concen: 3.958 ug/L
RT: 5.380 min Scan# 1272
Delta R.T. 0.003 min
Lab File: VU062512.D
Acq: 20 Dec 2024 09:29

Tgt Ion: 56 Resp: 43207
Ion Ratio Lower Upper
56 100
69 35.3 25.1 37.7
84 99.9 70.6 105.8

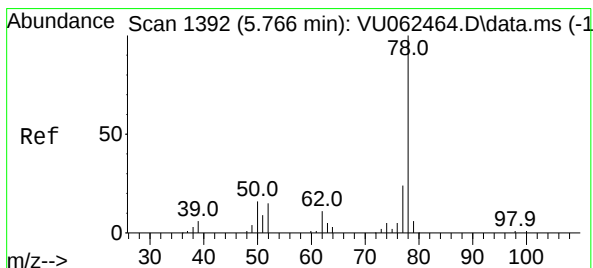
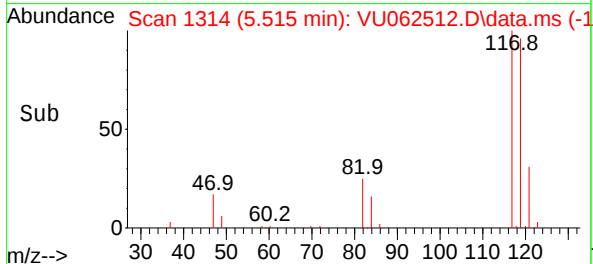
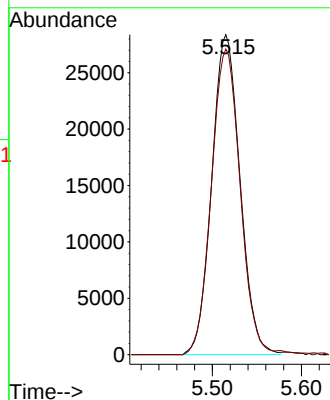
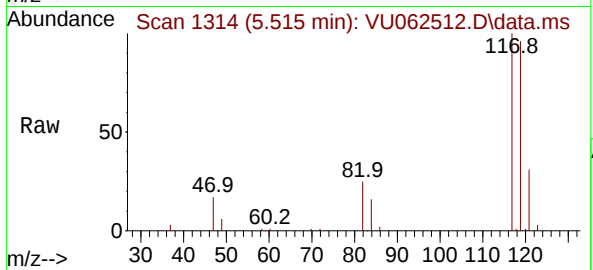




#31
Carbon tetrachloride
Concen: 5.063 ug/L
RT: 5.515 min Scan# 1314
Delta R.T. 0.003 min
Lab File: VU062512.D
Acq: 20 Dec 2024 09:29

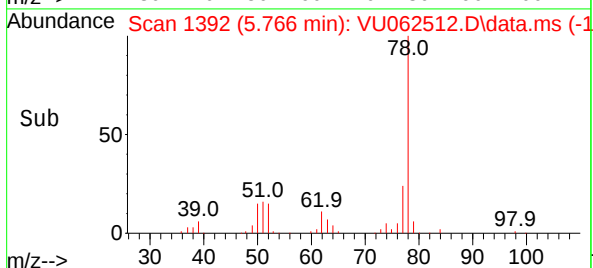
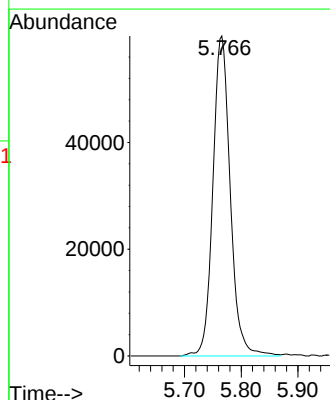
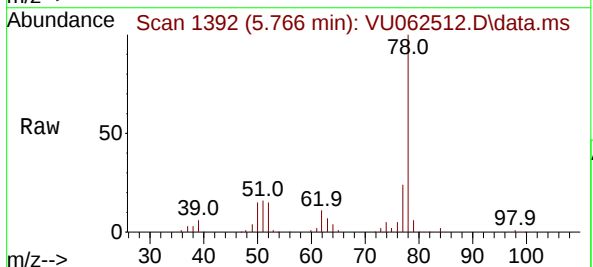
Instrument :
MSVOA_U
ClientSampleId :

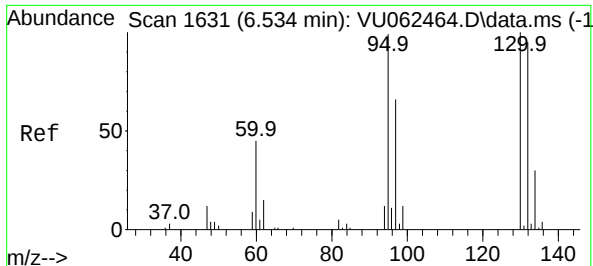
Tgt Ion:117 Resp: 62499
Ion Ratio Lower Upper
117 100
119 96.9 77.5 116.3



#33
Benzene
Concen: 4.306 ug/L
RT: 5.766 min Scan# 1392
Delta R.T. 0.003 min
Lab File: VU062512.D
Acq: 20 Dec 2024 09:29

Tgt Ion: 78 Resp: 127683





#34

Trichloroethene

Concen: 4.686 ug/L

RT: 6.531 min Scan# 1

Delta R.T. -0.000 min

Lab File: VU062512.D

Acq: 20 Dec 2024 09:29

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion: 95 Resp: 39358

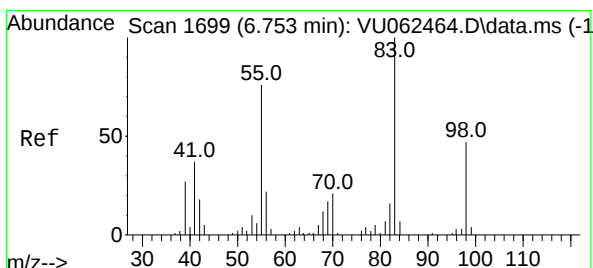
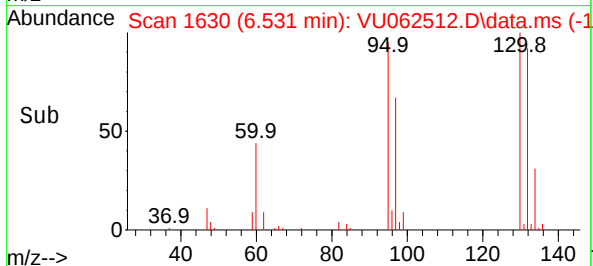
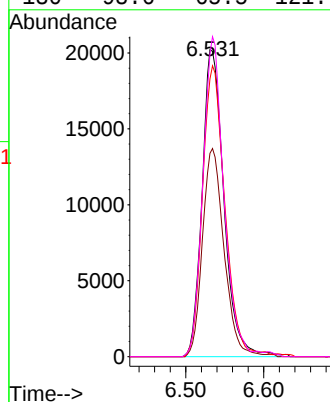
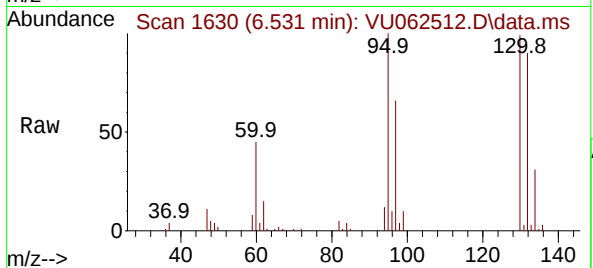
Ion Ratio Lower Upper

95 100

97 66.2 45.9 85.3

132 90.5 63.8 118.4

130 98.6 65.5 121.7



#35

Methylcyclohexane

Concen: 4.274 ug/L

RT: 6.753 min Scan# 1699

Delta R.T. -0.000 min

Lab File: VU062512.D

Acq: 20 Dec 2024 09:29

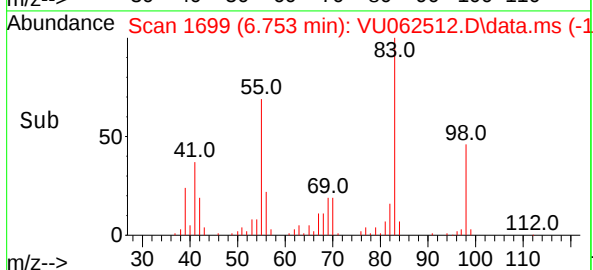
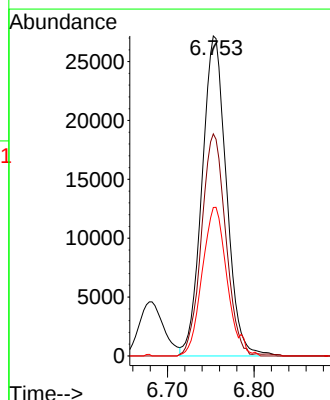
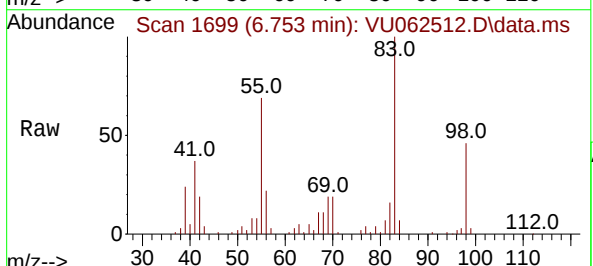
Tgt Ion: 83 Resp: 53232

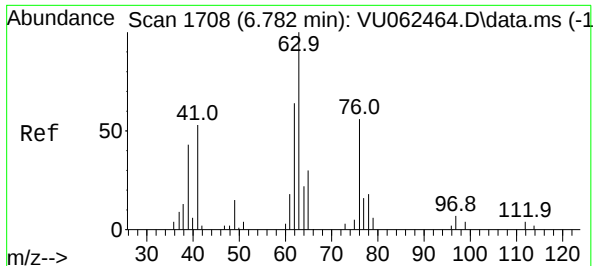
Ion Ratio Lower Upper

83 100

55 68.6 60.7 91.1

98 47.4 34.8 52.2

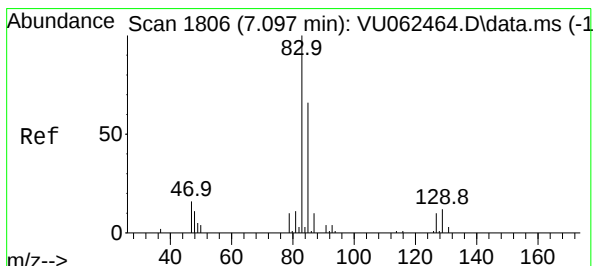
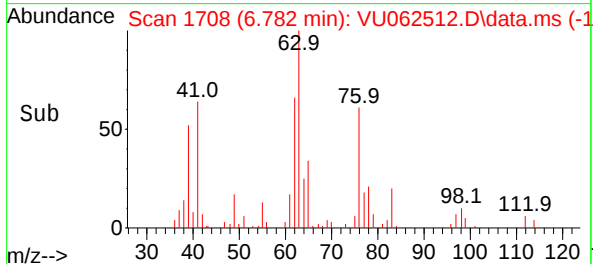
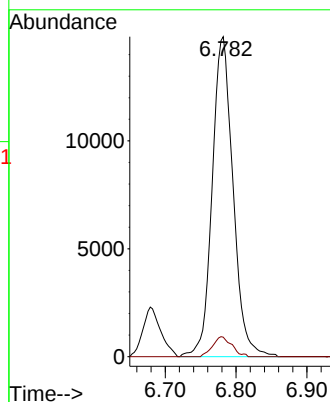
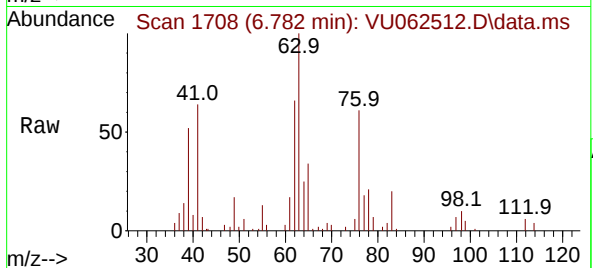




#37
1,2-Dichloropropane
Concen: 4.203 ug/L
RT: 6.782 min Scan# 11
Delta R.T. -0.000 min
Lab File: VU062512.D
Acq: 20 Dec 2024 09:29

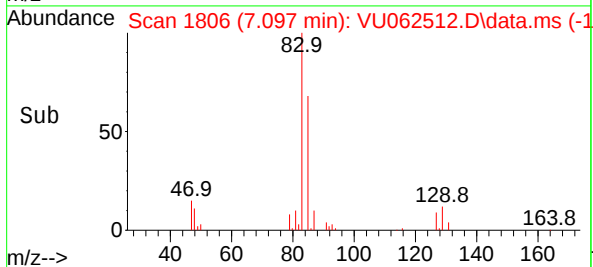
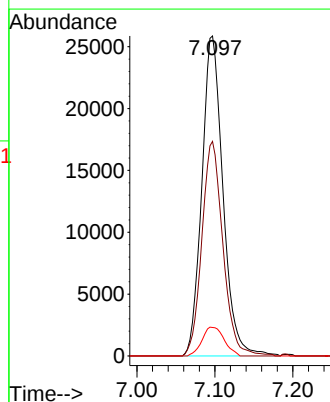
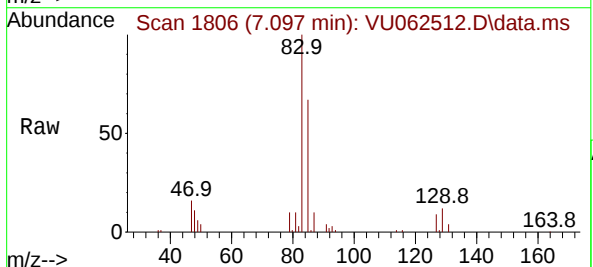
Instrument :
MSVOA_U
ClientSampleId :

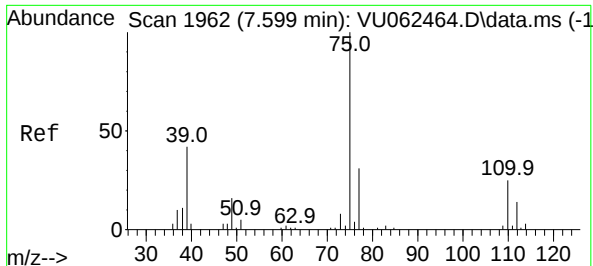
Tgt Ion: 63 Resp: 30354
Ion Ratio Lower Upper
63 100
112 5.7 3.4 5.0#



#38
Bromodichloromethane
Concen: 4.786 ug/L
RT: 7.097 min Scan# 1806
Delta R.T. -0.000 min
Lab File: VU062512.D
Acq: 20 Dec 2024 09:29

Tgt Ion: 83 Resp: 48760
Ion Ratio Lower Upper
83 100
85 67.1 44.1 81.9
127 8.9 6.9 10.3

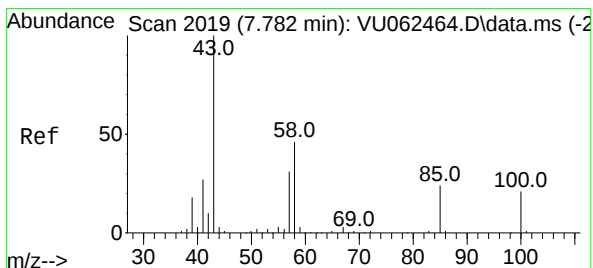
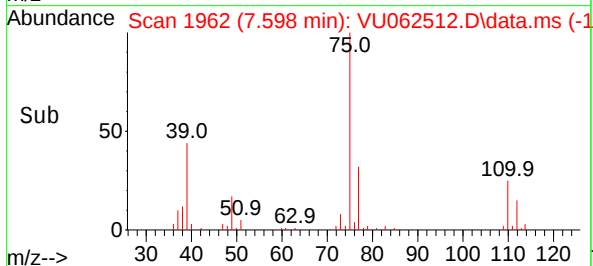
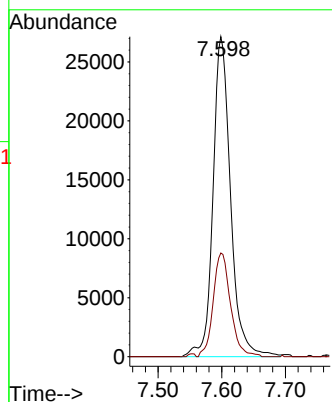
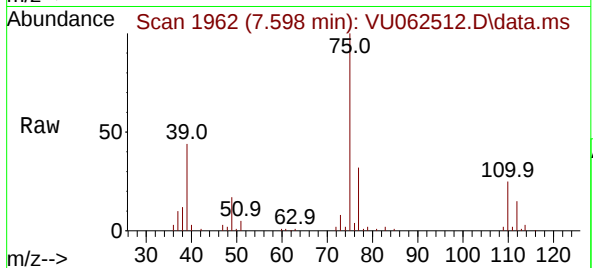




#39
 cis-1,3-Dichloropropene
 Concen: 4.493 ug/L
 RT: 7.598 min Scan# 1962
 Delta R.T. -0.000 min
 Lab File: VU062512.D
 Acq: 20 Dec 2024 09:29

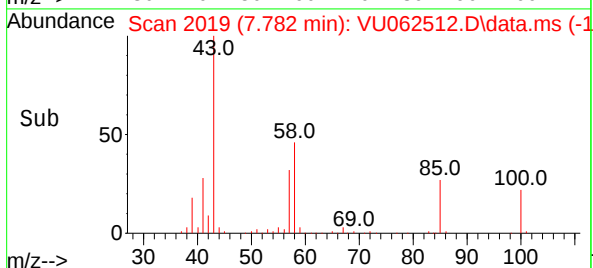
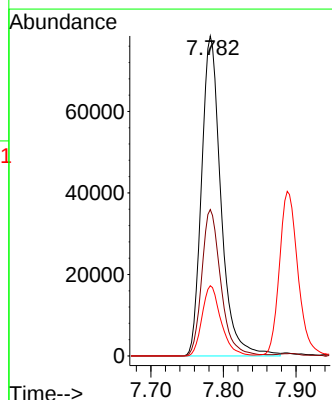
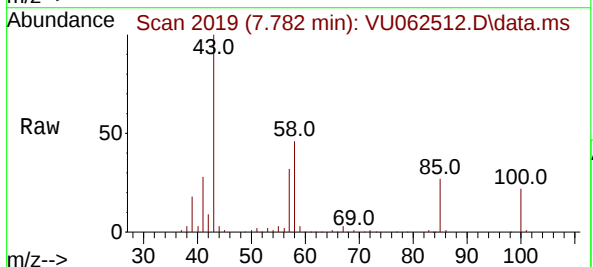
Instrument :
 MSVOA_U
 ClientSampleId :

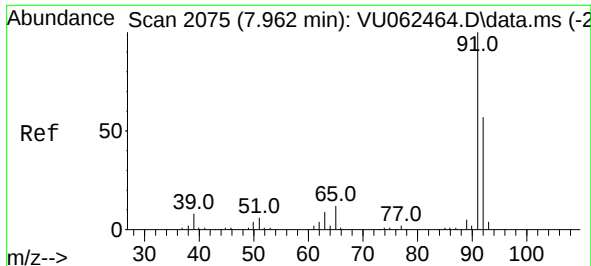
Tgt Ion: 75 Resp: 52010
 Ion Ratio Lower Upper
 75 100
 77 32.4 22.3 41.3



#40
 4-Methyl-2-pentanone
 Concen: 43.154 ug/L
 RT: 7.782 min Scan# 2019
 Delta R.T. -0.000 min
 Lab File: VU062512.D
 Acq: 20 Dec 2024 09:29

Tgt Ion: 43 Resp: 146052
 Ion Ratio Lower Upper
 43 100
 58 45.2 33.3 49.9
 100 21.5 12.4 18.6#





#42

Toluene

Concen: 4.607 ug/L

RT: 7.962 min Scan# 2075

Delta R.T. 0.003 min

Lab File: VU062512.D

Acq: 20 Dec 2024 09:29

Instrument :

MSVOA_U

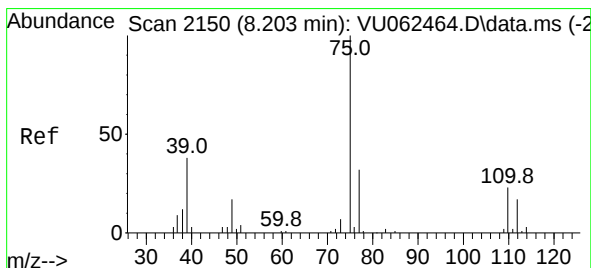
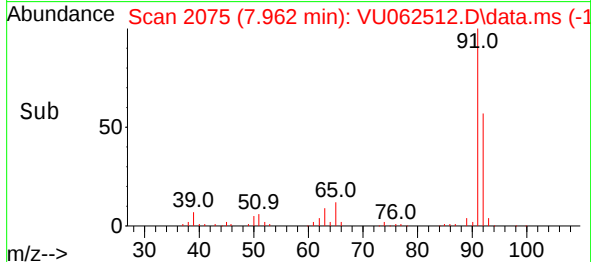
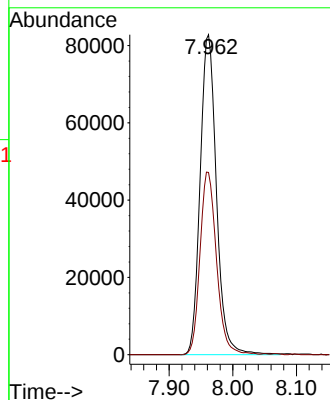
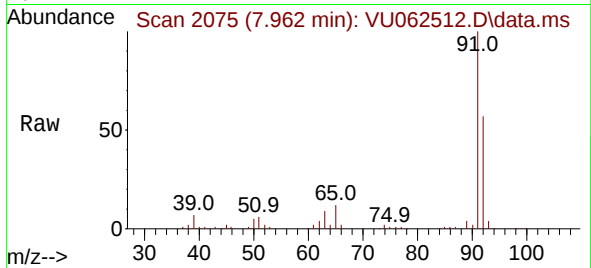
ClientSampleId :

Tgt Ion: 91 Resp: 147314

Ion Ratio Lower Upper

91 100

92 57.0 39.0 72.4



#44

trans-1,3-Dichloropropene

Concen: 4.726 ug/L

RT: 8.203 min Scan# 2150

Delta R.T. 0.003 min

Lab File: VU062512.D

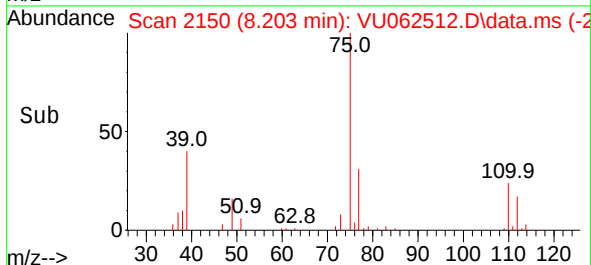
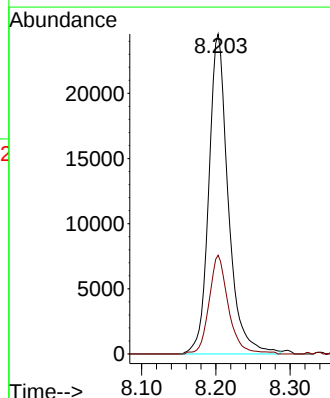
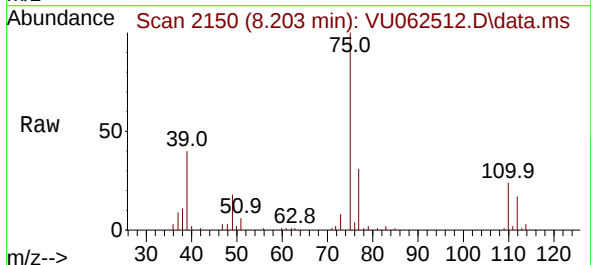
Acq: 20 Dec 2024 09:29

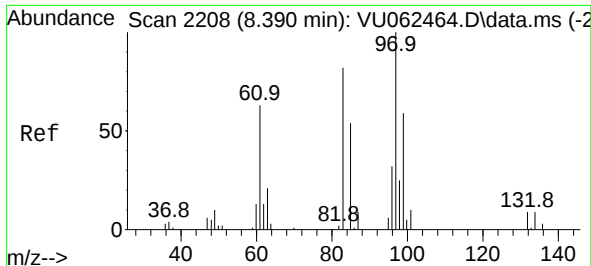
Tgt Ion: 75 Resp: 44667

Ion Ratio Lower Upper

75 100

77 30.9 21.8 40.4



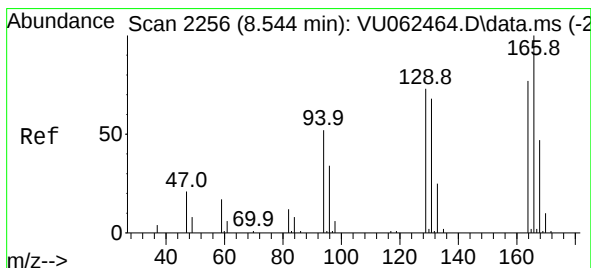
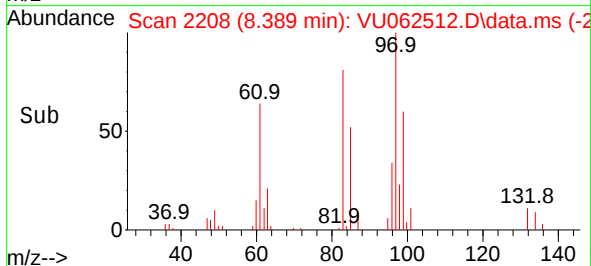
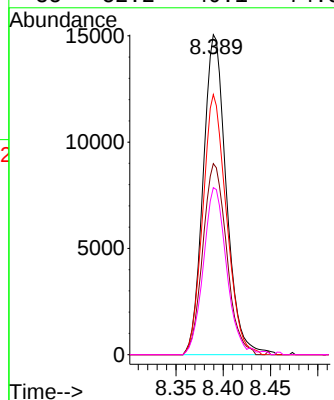
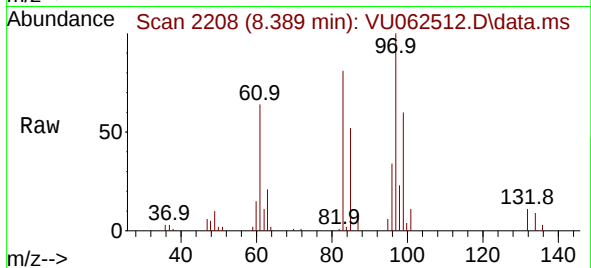


#45
1,1,2-Trichloroethane
Concen: 4.703 ug/L
RT: 8.389 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU062512.D
Acq: 20 Dec 2024 09:29

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 97 Resp: 25641

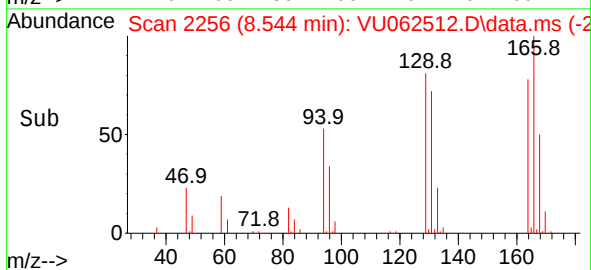
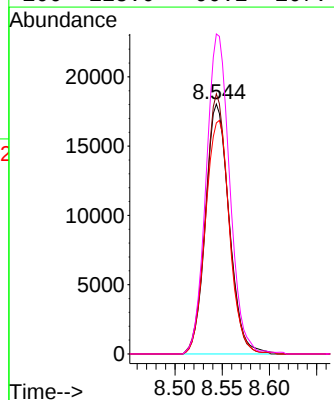
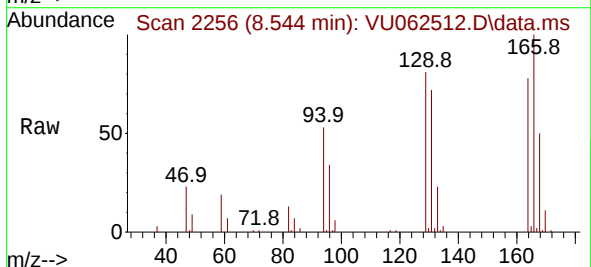
Ion	Ratio	Lower	Upper
97	100		
99	59.7	43.0	79.8
83	81.3	61.7	114.5
85	52.2	40.1	74.5

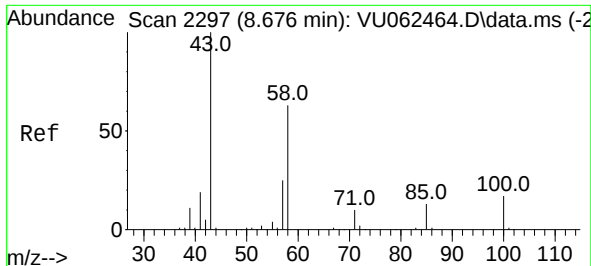


#47
Tetrachloroethene
Concen: 4.837 ug/L
RT: 8.544 min Scan# 2256
Delta R.T. -0.000 min
Lab File: VU062512.D
Acq: 20 Dec 2024 09:29

Tgt Ion:164 Resp: 31368

Ion	Ratio	Lower	Upper
164	100		
129	104.1	73.2	136.0
131	92.4	72.3	134.3
166	128.0	90.2	167.4





#48

2-Hexanone

Concen: 42.137 ug/L

RT: 8.676 min Scan# 2297

Delta R.T. -0.000 min

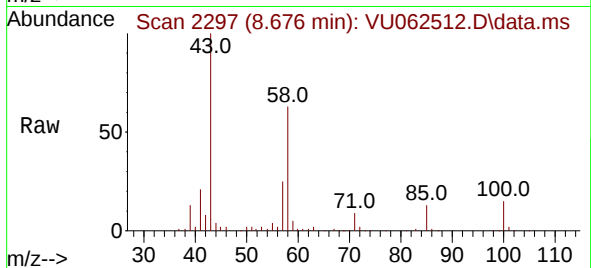
Lab File: VU062512.D

Acq: 20 Dec 2024 09:29

Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion: 43 Resp: 105393

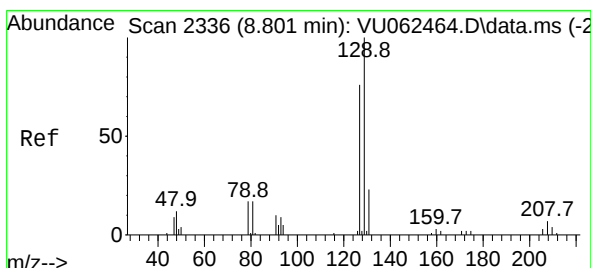
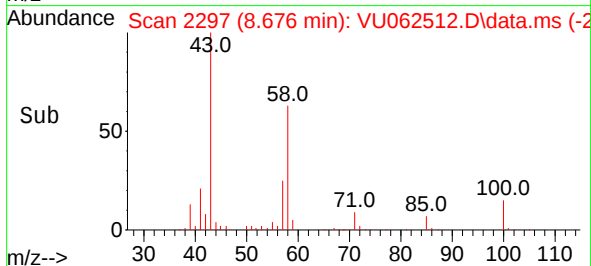
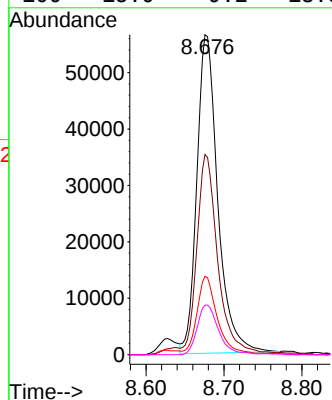
Ion Ratio Lower Upper

43 100

58 61.4 47.5 71.3

57 23.6 15.6 23.4#

100 15.9 9.2 13.8#



#49

Dibromochloromethane

Concen: 5.045 ug/L

RT: 8.798 min Scan# 2335

Delta R.T. -0.000 min

Lab File: VU062512.D

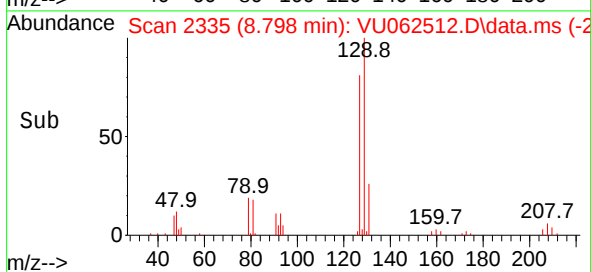
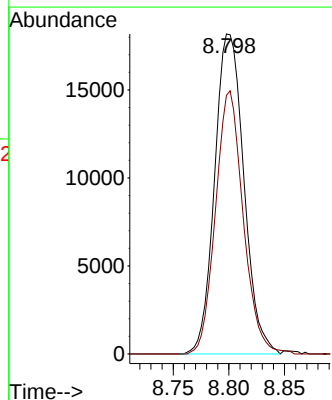
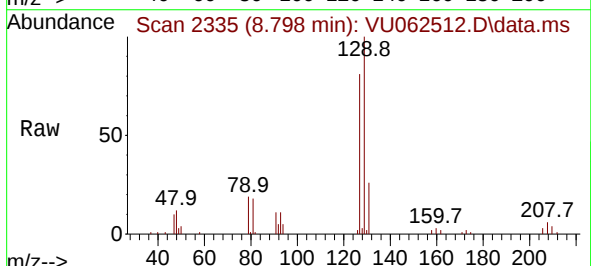
Acq: 20 Dec 2024 09:29

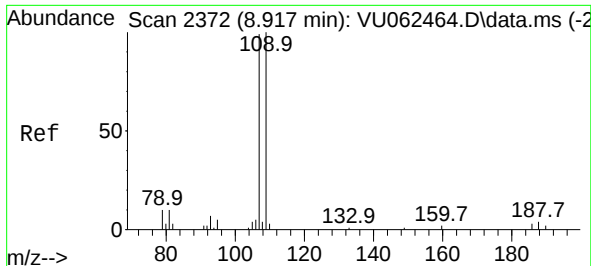
Tgt Ion:129 Resp: 33228

Ion Ratio Lower Upper

129 100

127 80.8 51.1 94.9

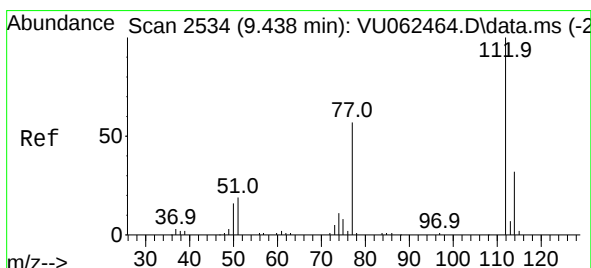
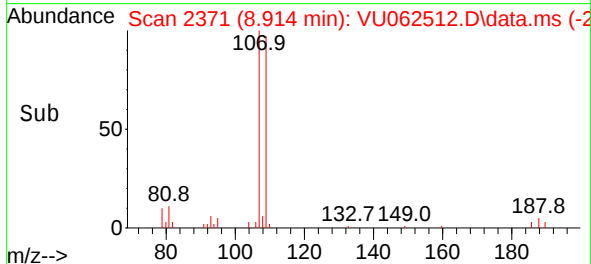
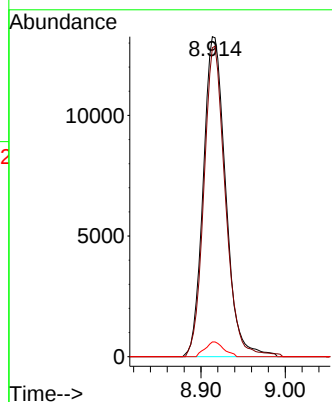
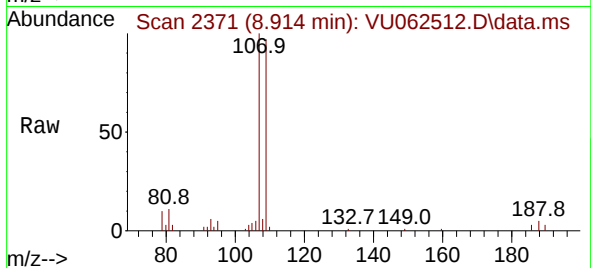




#50
1,2-Dibromoethane
Concen: 4.691 ug/L
RT: 8.914 min Scan# 24
Delta R.T. -0.003 min
Lab File: VU062512.D
Acq: 20 Dec 2024 09:29

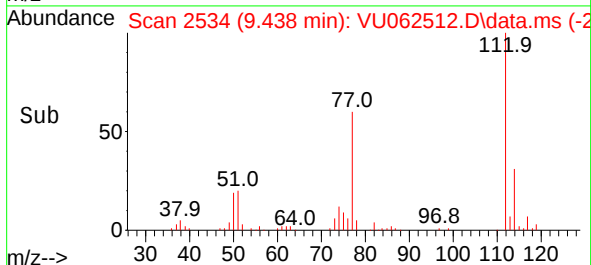
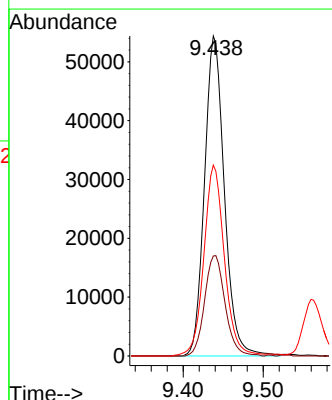
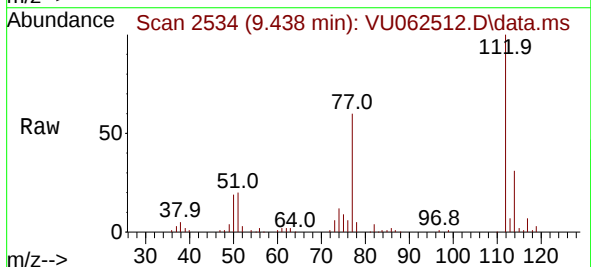
Instrument :
MSVOA_U
ClientSampleId :

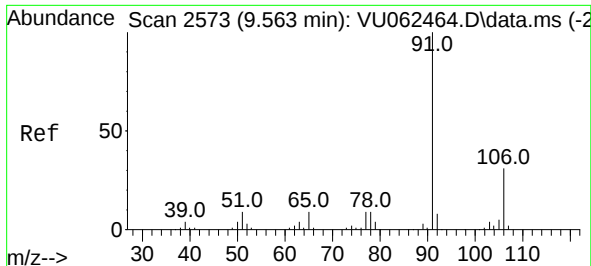
Tgt Ion:107 Resp: 24572
Ion Ratio Lower Upper
107 100
109 96.5 66.8 124.2
188 4.6 2.3 3.5#



#51
Chlorobenzene
Concen: 4.600 ug/L
RT: 9.438 min Scan# 2534
Delta R.T. -0.000 min
Lab File: VU062512.D
Acq: 20 Dec 2024 09:29

Tgt Ion:112 Resp: 94256
Ion Ratio Lower Upper
112 100
114 31.3 23.0 42.6
77 59.6 50.5 75.7

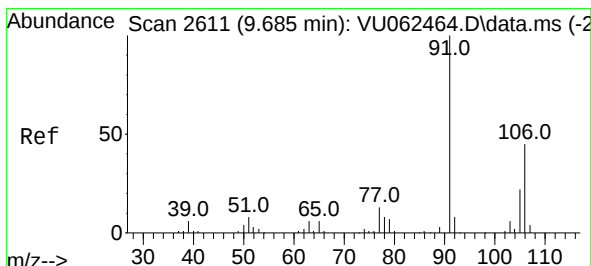
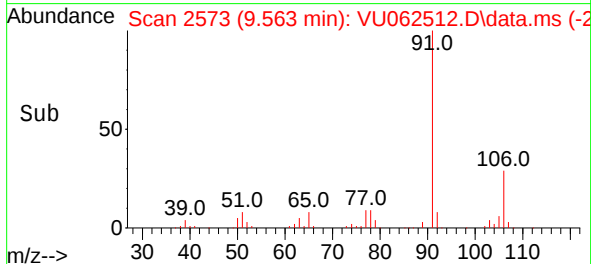
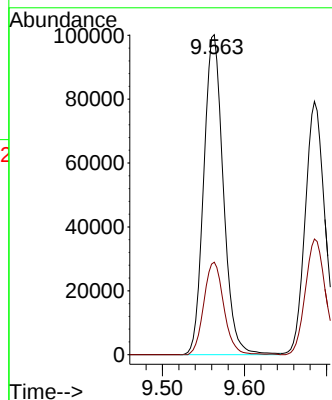
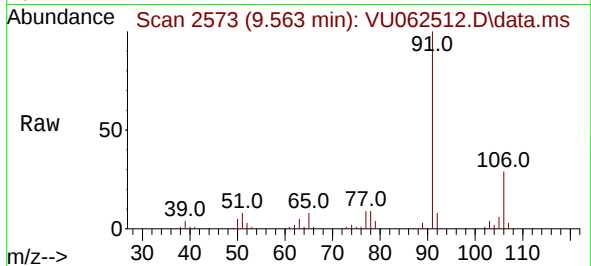




#52
Ethylbenzene
Concen: 4.625 ug/L
RT: 9.563 min Scan# 2573
Delta R.T. 0.003 min
Lab File: VU062512.D
Acq: 20 Dec 2024 09:29

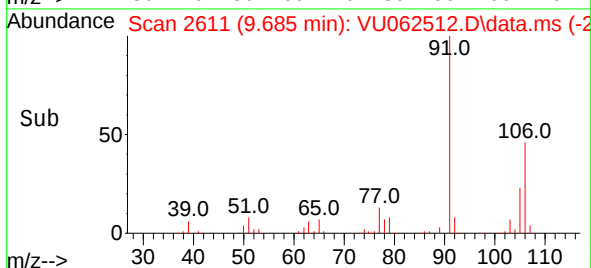
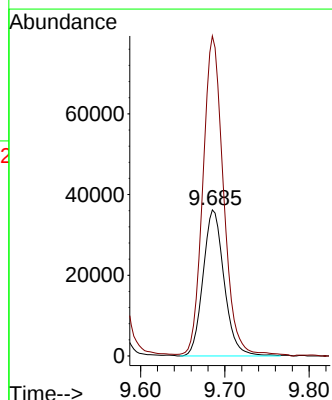
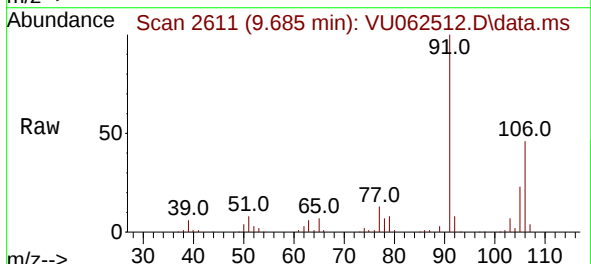
Instrument :
MSVOA_U
ClientSampleId :

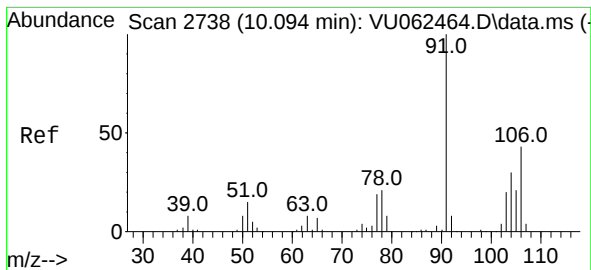
Tgt Ion: 91 Resp: 165798
Ion Ratio Lower Upper
91 100
106 28.9 21.6 40.0



#53
m,p-Xylene
Concen: 4.767 ug/L
RT: 9.685 min Scan# 2611
Delta R.T. -0.000 min
Lab File: VU062512.D
Acq: 20 Dec 2024 09:29

Tgt Ion: 106 Resp: 63097
Ion Ratio Lower Upper
106 100
91 219.1 147.6 274.0





#54

o-Xylene

Concen: 4.654 ug/L

RT: 10.090 min Scan# 2738

Delta R.T. -0.000 min

Lab File: VU062512.D

Acq: 20 Dec 2024 09:29

Instrument :

MSVOA_U

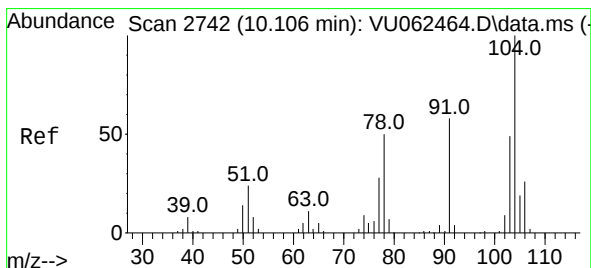
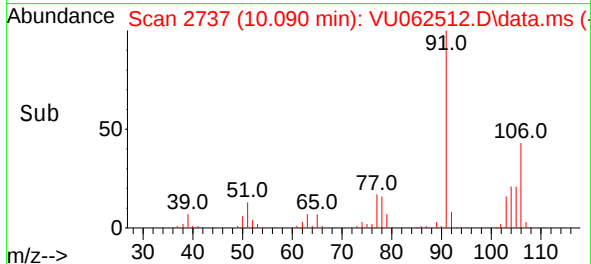
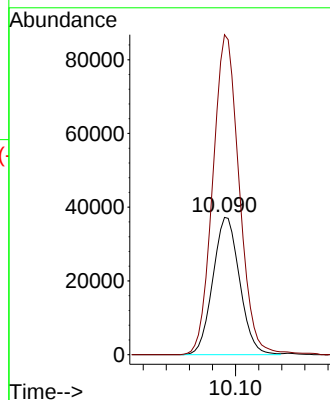
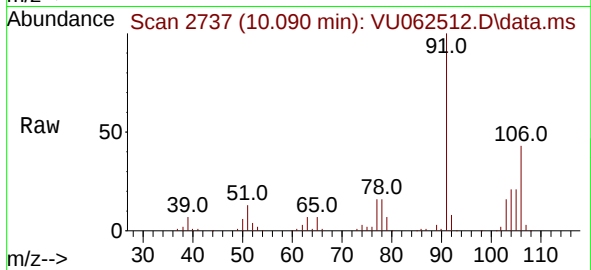
ClientSampleId :

Tgt Ion:106 Resp: 59916

Ion Ratio Lower Upper

106 100

91 233.0 159.8 296.8



#55

Styrene

Concen: 4.700 ug/L

RT: 10.106 min Scan# 2742

Delta R.T. -0.000 min

Lab File: VU062512.D

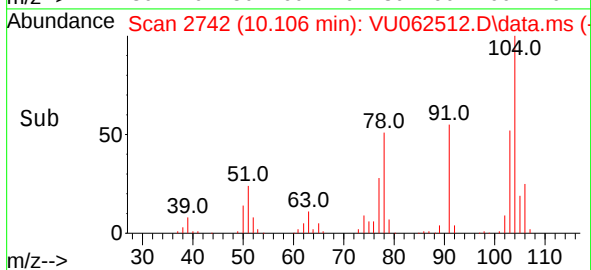
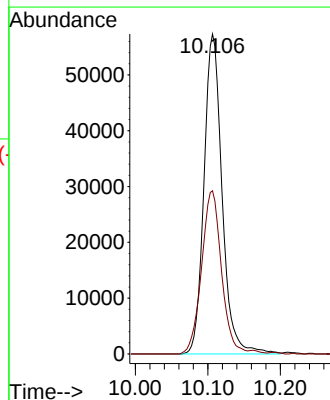
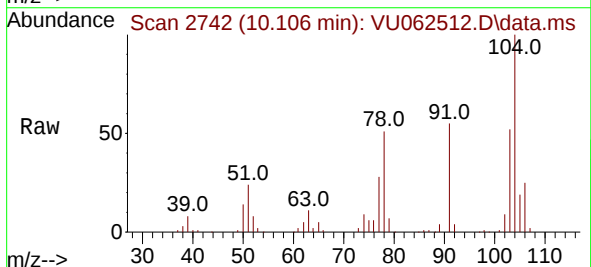
Acq: 20 Dec 2024 09:29

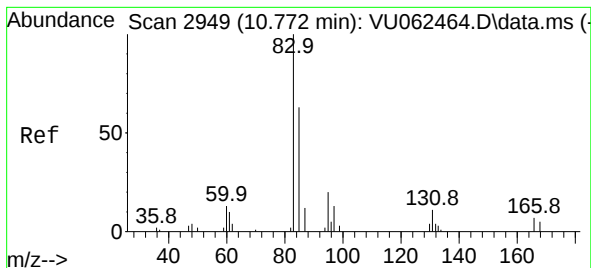
Tgt Ion:104 Resp: 99737

Ion Ratio Lower Upper

104 100

78 51.0 33.2 61.7

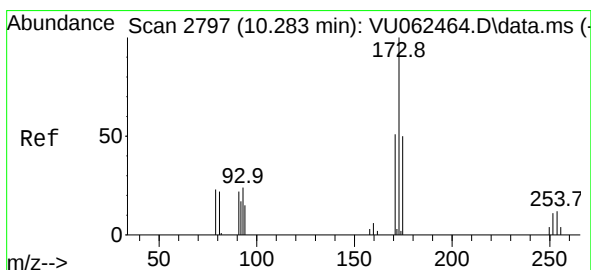
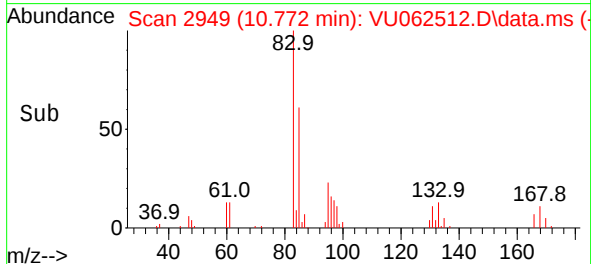
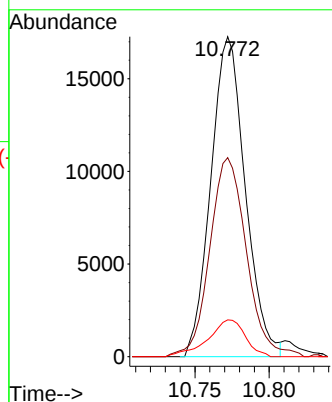
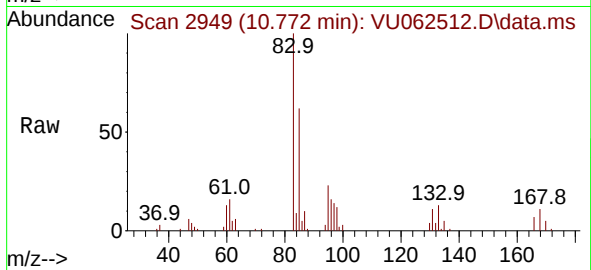




#57
1,1,2,2-Tetrachloroethane
Concen: 4.392 ug/L
RT: 10.772 min Scan# 2949
Delta R.T. -0.000 min
Lab File: VU062512.D
Acq: 20 Dec 2024 09:29

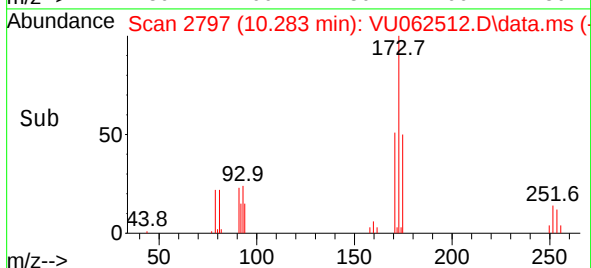
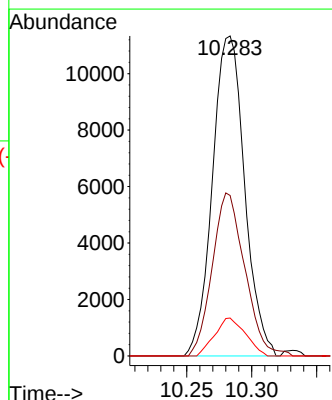
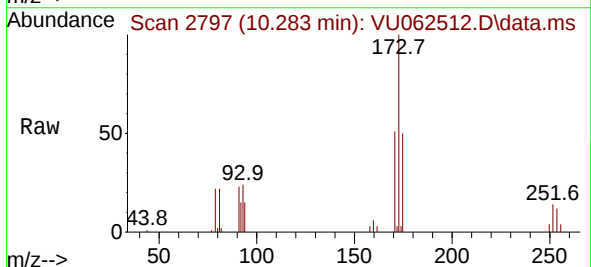
Instrument :
MSVOA_U
ClientSampleId :

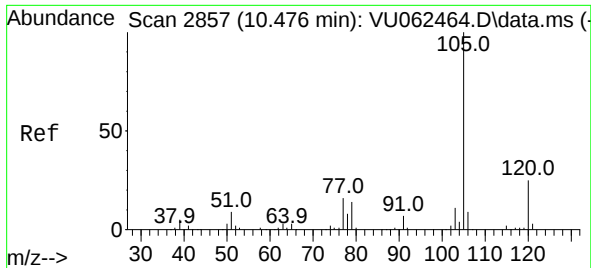
Tgt Ion: 83 Resp: 27864
Ion Ratio Lower Upper
83 100
85 62.2 44.4 82.4
131 11.5 7.3 10.9#



#59
Bromoform
Concen: 5.024 ug/L
RT: 10.283 min Scan# 2797
Delta R.T. -0.000 min
Lab File: VU062512.D
Acq: 20 Dec 2024 09:29

Tgt Ion:173 Resp: 19504
Ion Ratio Lower Upper
173 100
175 51.5 39.0 58.4
254 11.3 7.4 11.0#

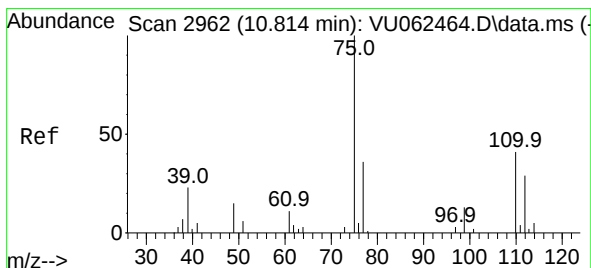
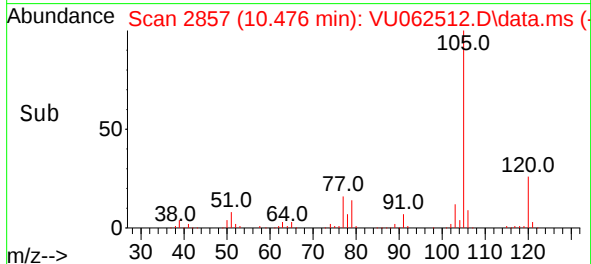
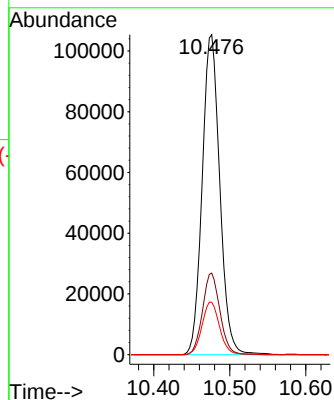
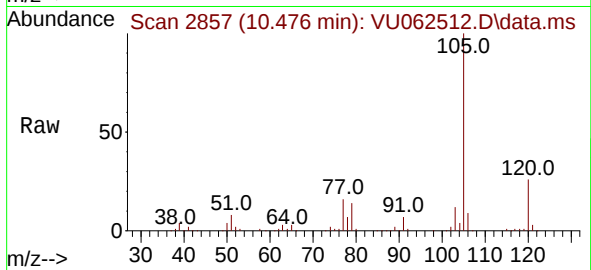




#60
Isopropylbenzene
Concen: 4.744 ug/L
RT: 10.476 min Scan# 2857
Delta R.T. -0.000 min
Lab File: VU062512.D
Acq: 20 Dec 2024 09:29

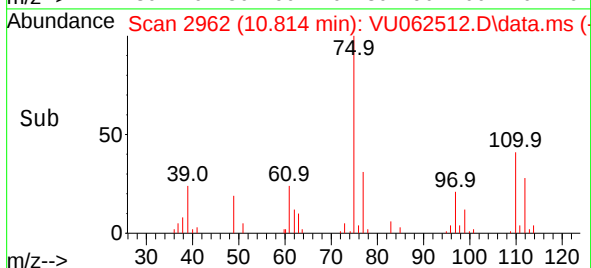
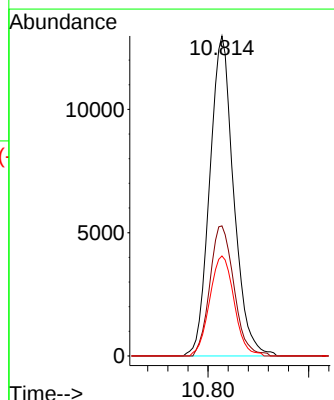
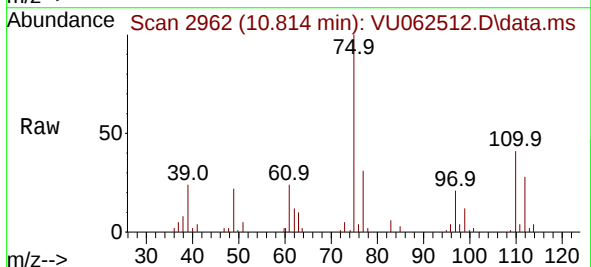
Instrument :
MSVOA_U
ClientSampleId :

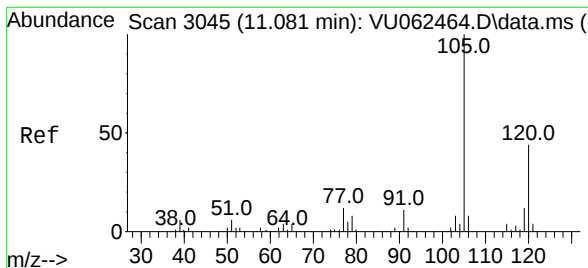
Tgt Ion:105 Resp: 169303
Ion Ratio Lower Upper
105 100
120 25.2 20.6 31.0
77 16.4 13.0 19.6



#61
1,2,3-Trichloropropane
Concen: 4.696 ug/L
RT: 10.814 min Scan# 2962
Delta R.T. -0.000 min
Lab File: VU062512.D
Acq: 20 Dec 2024 09:29

Tgt Ion: 75 Resp: 21454
Ion Ratio Lower Upper
75 100
110 40.9 28.9 43.3
77 31.9 26.5 39.7





#62

1,3,5-Trimethylbenzene

Concen: 4.744 ug/L

RT: 11.081 min Scan# 3045

Delta R.T. 0.003 min

Lab File: VU062512.D

Acq: 20 Dec 2024 09:29

Instrument :

MSVOA_U

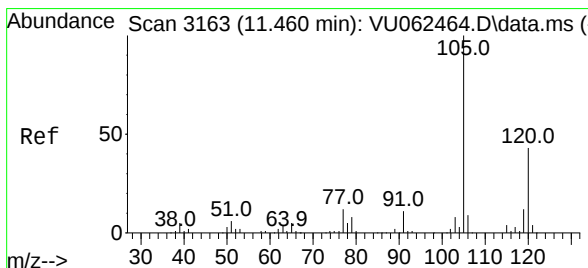
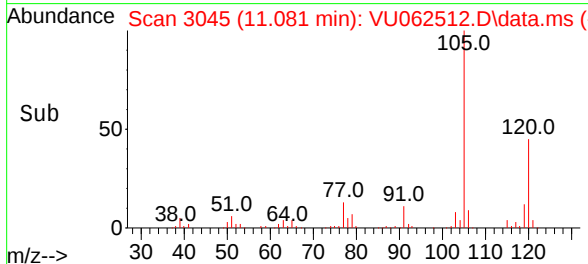
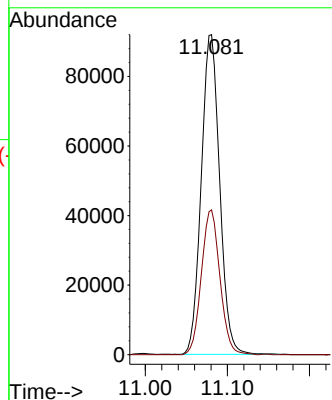
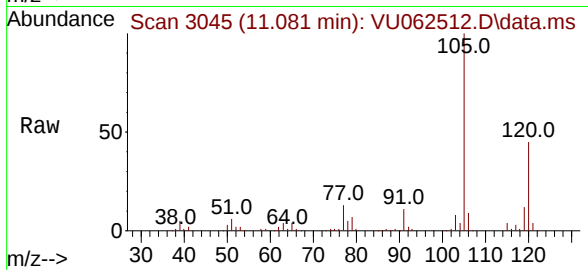
ClientSampleId :

Tgt Ion:105 Resp: 143275

Ion Ratio Lower Upper

105 100

120 45.7 36.7 55.1



#63

1,2,4-Trimethylbenzene

Concen: 4.724 ug/L

RT: 11.460 min Scan# 3163

Delta R.T. 0.003 min

Lab File: VU062512.D

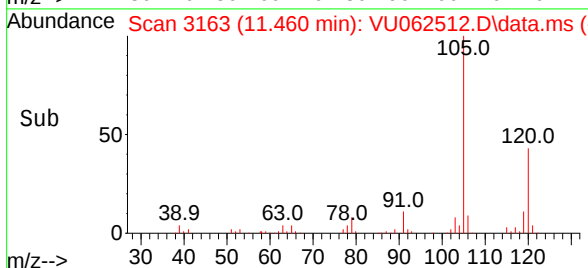
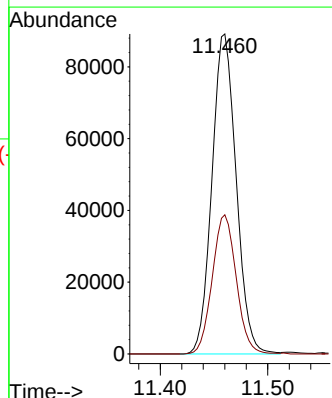
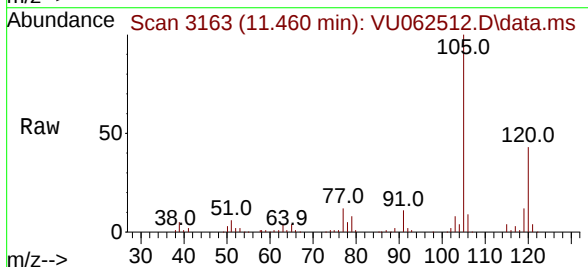
Acq: 20 Dec 2024 09:29

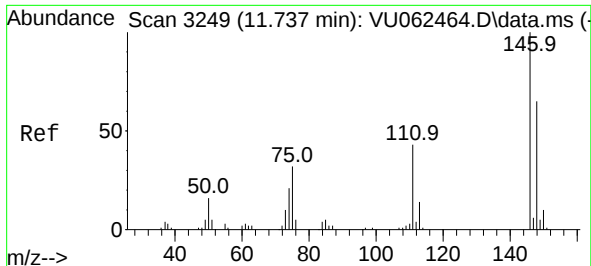
Tgt Ion:105 Resp: 139784

Ion Ratio Lower Upper

105 100

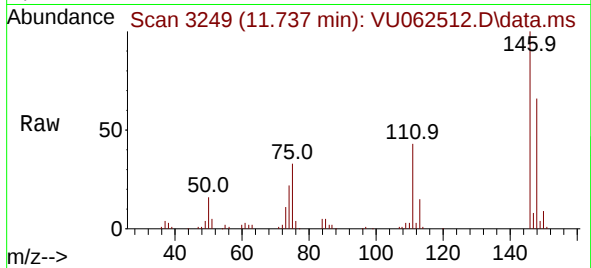
120 43.0 34.7 52.1



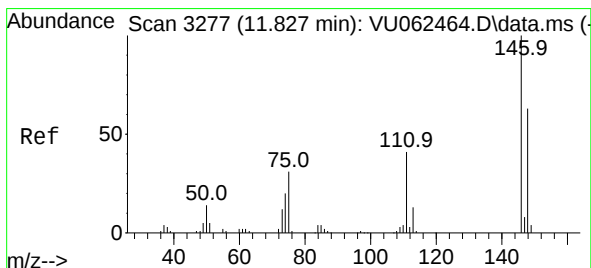
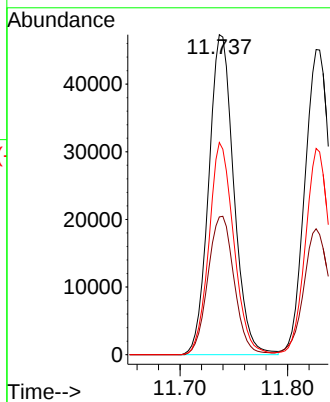
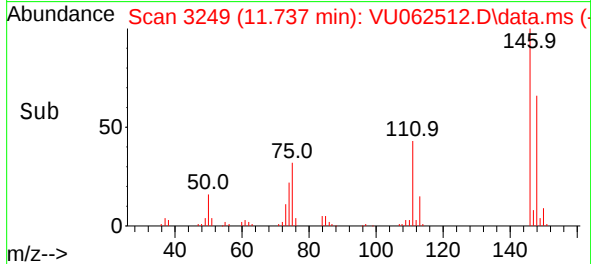


#64
1,3-Dichlorobenzene
Concen: 4.677 ug/L
RT: 11.737 min Scan# 3249
Delta R.T. -0.000 min
Lab File: VU062512.D
Acq: 20 Dec 2024 09:29

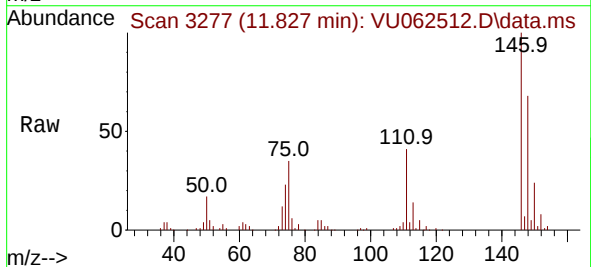
Instrument :
MSVOA_U
ClientSampleId :



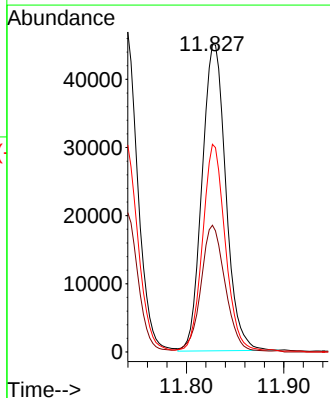
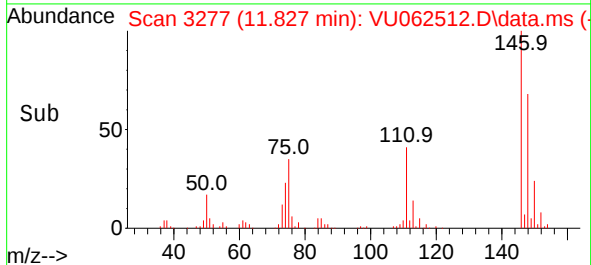
Tgt Ion:146 Resp: 76680
Ion Ratio Lower Upper
146 100
111 43.1 30.7 57.1
148 66.3 45.1 83.7

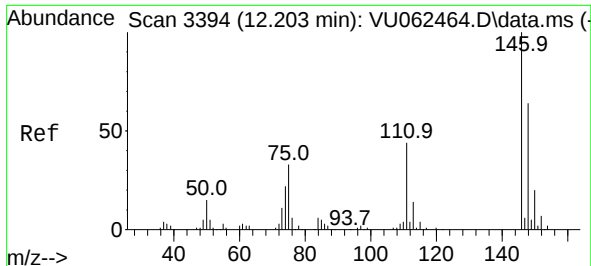


#65
1,4-Dichlorobenzene
Concen: 4.623 ug/L
RT: 11.827 min Scan# 3277
Delta R.T. -0.000 min
Lab File: VU062512.D
Acq: 20 Dec 2024 09:29



Tgt Ion:146 Resp: 76325
Ion Ratio Lower Upper
146 100
111 41.3 29.3 54.3
148 67.6 44.6 82.8





#67

1,2-Dichlorobenzene

Concen: 4.785 ug/L

RT: 12.203 min Scan# 3394

Delta R.T. -0.000 min

Lab File: VU062512.D

Acq: 20 Dec 2024 09:29

Instrument :

MSVOA_U

ClientSampleId :

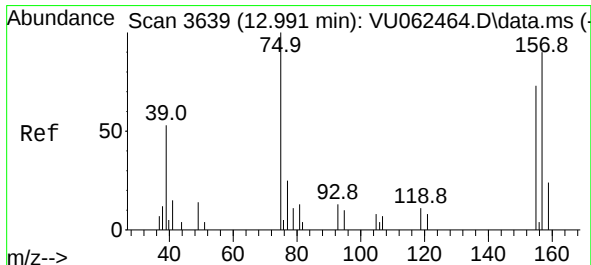
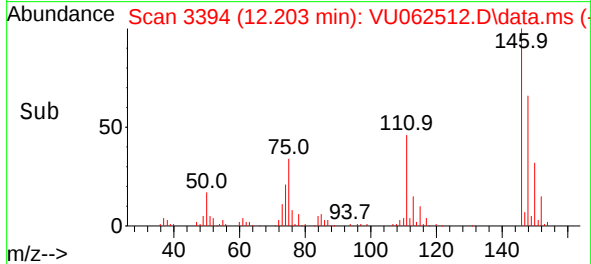
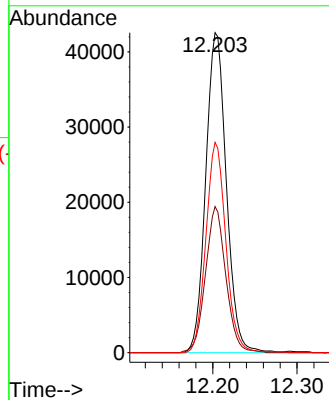
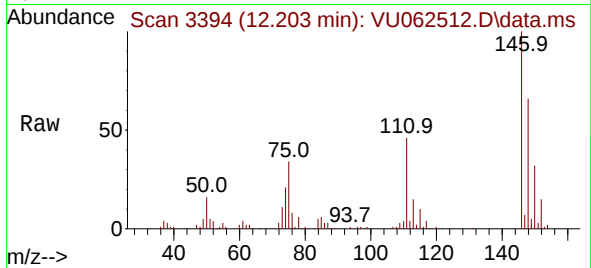
Tgt Ion:146 Resp: 72489

Ion Ratio Lower Upper

146 100

111 45.6 36.0 54.0

148 65.7 52.3 78.5



#68

1,2-Dibromo-3-chloropropane

Concen: 4.946 ug/L

RT: 12.987 min Scan# 3638

Delta R.T. -0.000 min

Lab File: VU062512.D

Acq: 20 Dec 2024 09:29

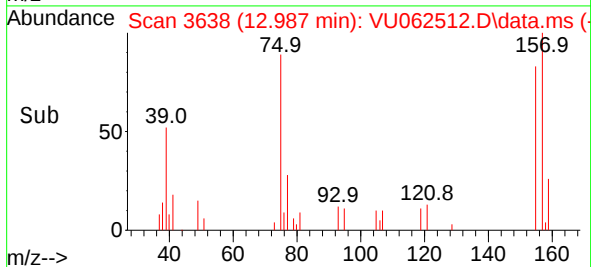
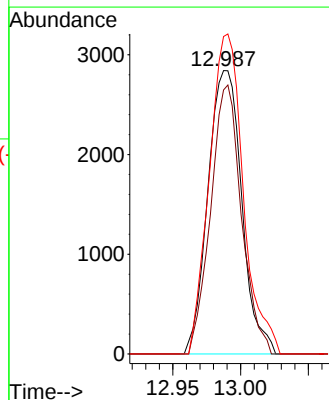
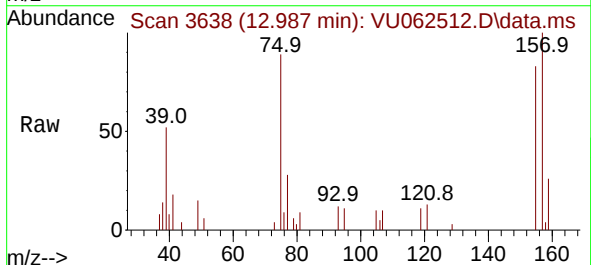
Tgt Ion: 75 Resp: 4929

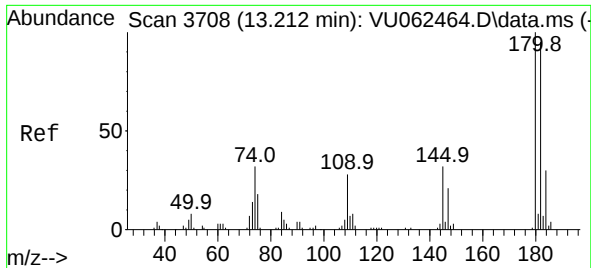
Ion Ratio Lower Upper

75 100

155 93.2 55.2 82.8#

157 112.0 73.5 110.3#





#69

1,3,5-Trichlorobenzene

Concen: 4.807 ug/L

RT: 13.209 min Scan# 31

Delta R.T. -0.000 min

Lab File: VU062512.D

Acq: 20 Dec 2024 09:29

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion:180 Resp: 58577

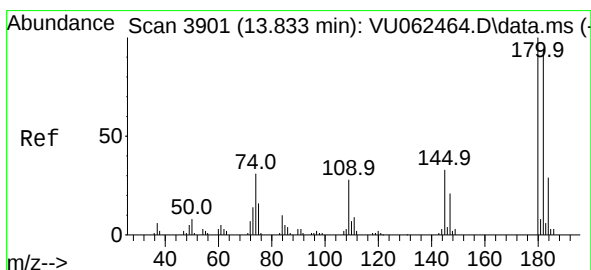
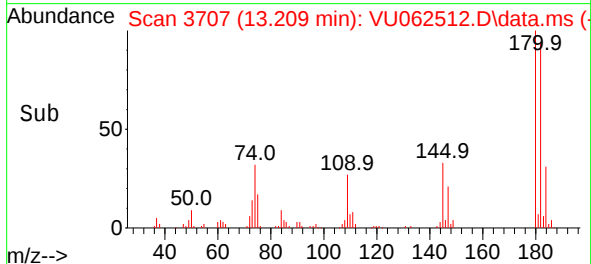
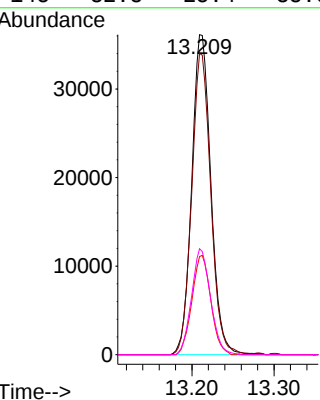
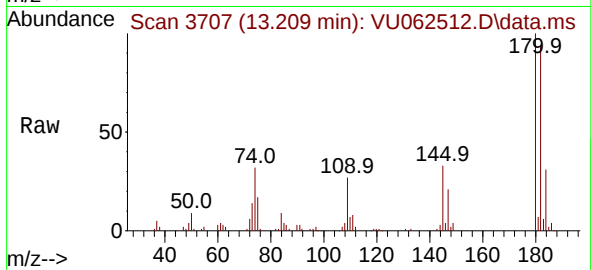
Ion Ratio Lower Upper

180 100

182 93.8 76.7 115.1

184 30.6 24.8 37.2

145 32.8 25.4 38.0



#70

1,2,4-trichlorobenzene

Concen: 4.458 ug/L

RT: 13.833 min Scan# 3901

Delta R.T. -0.000 min

Lab File: VU062512.D

Acq: 20 Dec 2024 09:29

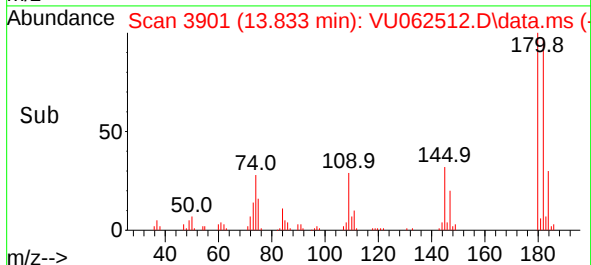
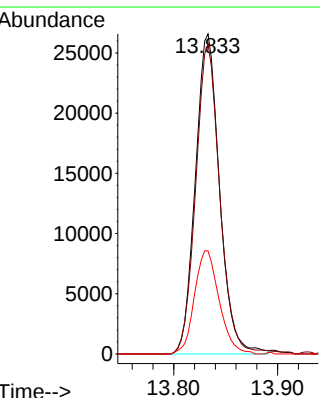
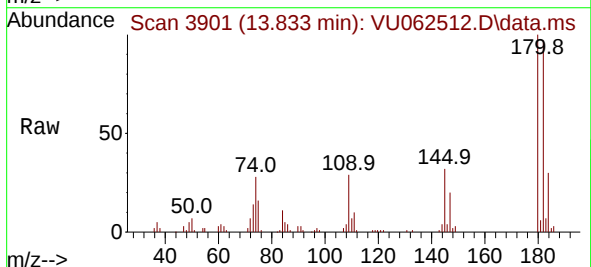
Tgt Ion:180 Resp: 42895

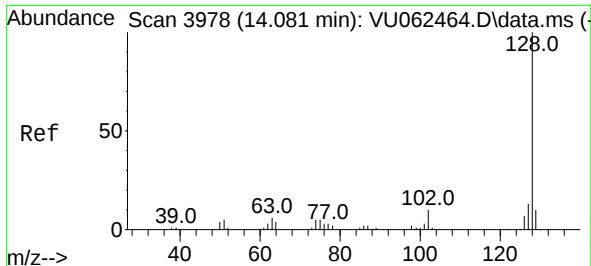
Ion Ratio Lower Upper

180 100

182 97.0 74.5 111.7

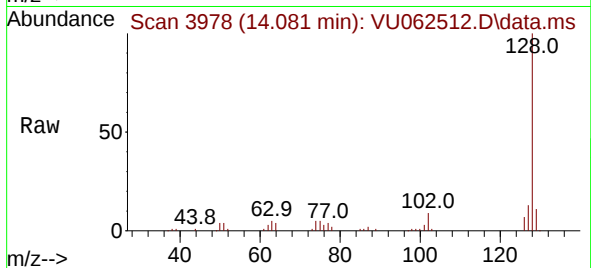
145 32.9 25.6 38.4



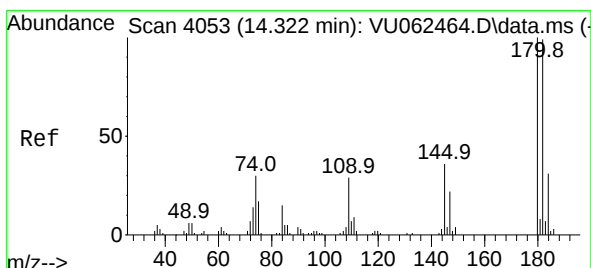
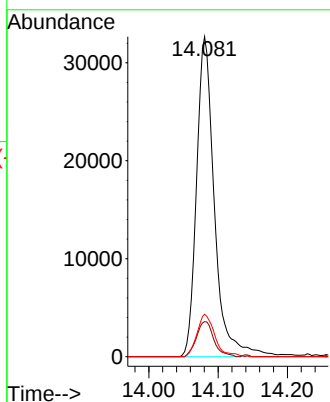
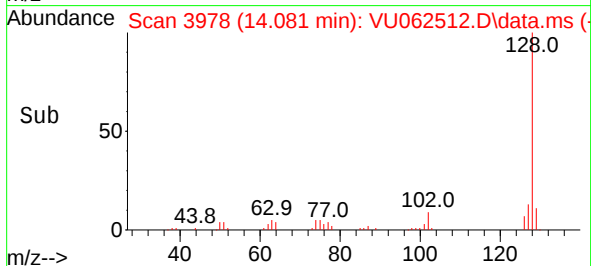


#71
Naphthalene
Concen: 4.060 ug/L
RT: 14.081 min Scan# 3978
Delta R.T. -0.000 min
Lab File: VU062512.D
Acq: 20 Dec 2024 09:29

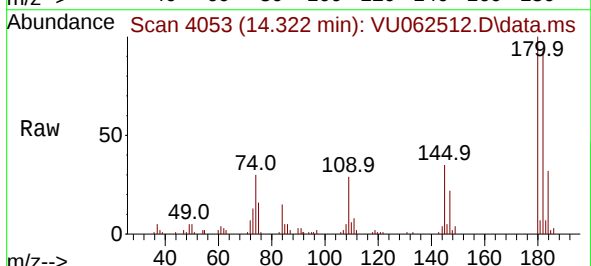
Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion:128 Resp: 58651
Ion Ratio Lower Upper
128 100
129 10.6 8.5 12.7
127 13.2 10.2 15.4



#72
1,2,3-Trichlorobenzene
Concen: 4.367 ug/L
RT: 14.322 min Scan# 4053
Delta R.T. -0.000 min
Lab File: VU062512.D
Acq: 20 Dec 2024 09:29



Tgt Ion:180 Resp: 37055
Ion Ratio Lower Upper
180 100
182 94.7 76.1 114.1
145 35.2 27.4 41.0

