

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU112824\
 Data File : VU062064.D
 Acq On : 27 Nov 2024 20:18
 Operator : MD/SY
 Sample : P4776-05
 Misc : 5mL/MSVOA_U/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Nov 28 01:18:34 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM112724WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Nov 28 01:06:41 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.238	114	171654	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.409	117	159373	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	73548	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	54510	45.833	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	91.660%
7) Chloroethane-d5	1.907	69	41633	48.571	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	97.140%
11) 1,1-Dichloroethene-d2	2.560	63	80830	35.845	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	71.700%
21) 2-Butanone-d5	4.618	46	84682	104.779	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	104.780%
24) Chloroform-d	5.052	84	114469	46.115	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.220%
26) 1,2-Dichloroethane-d4	5.692	65	77275	48.797	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.600%
32) Benzene-d6	5.717	84	223489	49.039	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.080%
36) 1,2-Dichloropropane-d6	6.679	67	70510	49.232	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	98.460%
41) Toluene-d8	7.888	98	203669	48.274	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	96.540%
43) trans-1,3-Dichloroprop...	8.171	79	34038	47.555	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	95.120%
47) 2-Hexanone-d5	8.627	63	55305	102.511	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	102.510%
56) 1,1,2,2-Tetrachloroeth...	10.746	84	102825	49.335	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	98.680%
66) 1,2-Dichlorobenzene-d4	12.183	152	74561	51.532	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	103.060%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.383	85	3830	2.337	ug/L	99
3) Chloromethane	1.518	50	3416	2.529	ug/L	99
5) Vinyl chloride	1.602	62	3407	2.446	ug/L #	56
6) Bromomethane	1.853	94	1944	2.541	ug/L	97
8) Chloroethane	1.927	64	2132	2.657	ug/L	83
9) Trichlorofluoromethane	2.136	101	4739	2.225	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.570	101	3475	2.910	ug/L #	35
12) 1,1-Dichloroethene	2.573	96	3064	2.821	ug/L #	1
13) Acetone	2.634	43	3886	4.015	ug/L	86
14) Carbon disulfide	2.788	76	8180	2.504	ug/L	99
15) Methyl Acetate	2.959	43	2129	1.784	ug/L #	79
16) Methylene chloride	3.039	84	3162	2.554	ug/L	88
17) trans-1,2-Dichloroethene	3.354	96	2776	2.487	ug/L	95
18) Methyl tert-butyl Ether	3.361	73	8300	2.206	ug/L	98
19) 1,1-Dichloroethane	3.862	63	4694	2.194	ug/L	99
20) cis-1,2-Dichloroethene	4.660	96	3012	2.369	ug/L	95
23) Bromochloromethane	4.975	128	1541	2.330	ug/L	90
27) 1,2-Dichloroethane	5.791	62	4404	2.375	ug/L	99
29) Cyclohexane	5.373	56	3580	1.966	ug/L	87

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 QLast Update : Thu Nov 28 01:06:41 2024
 Response via : Initial Calibration

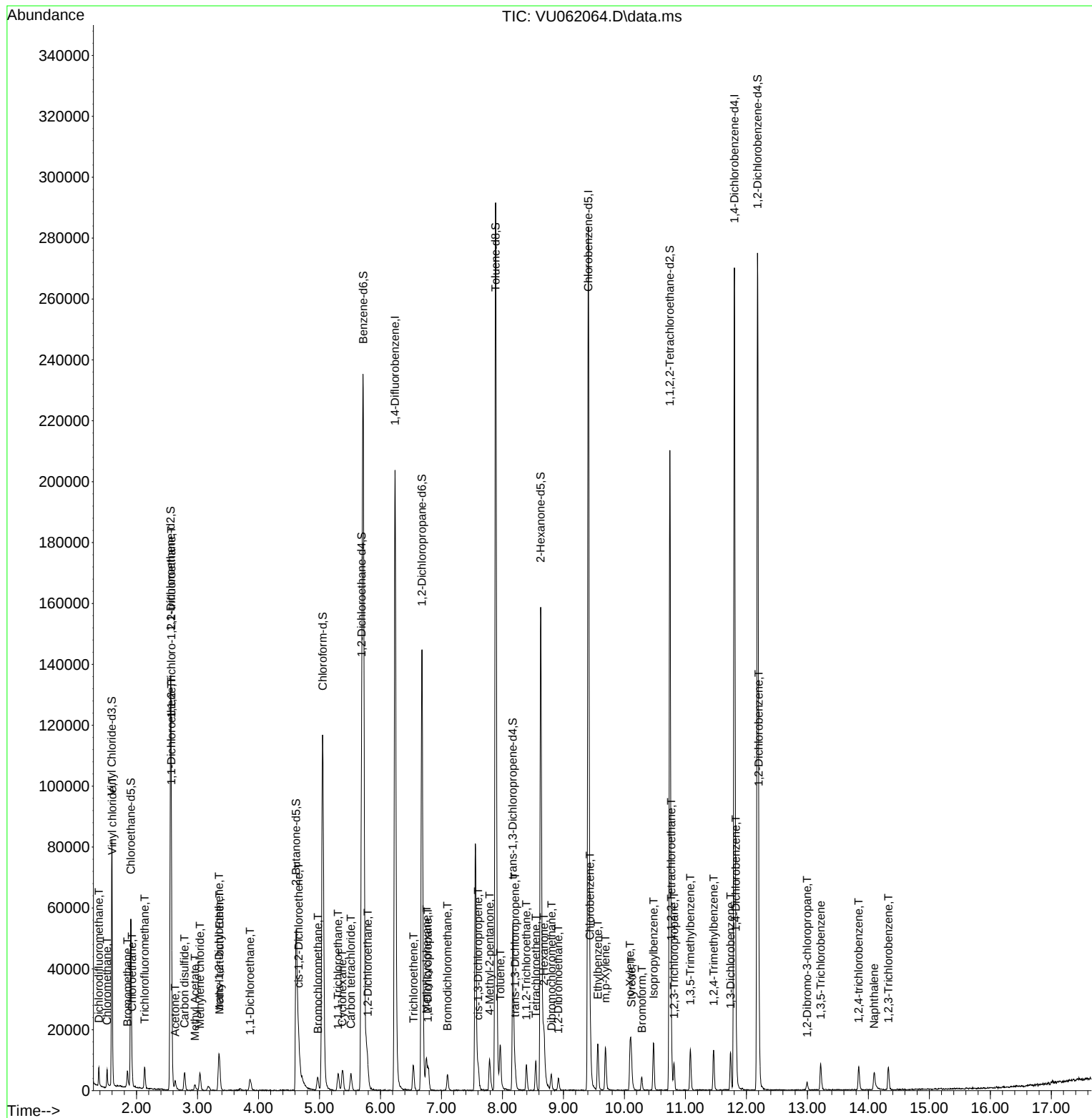
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
30) 1,1,1-Trichloroethane	5.306	97	4633	2.247	ug/L	97
31) Carbon tetrachloride	5.515	117	4061	2.204	ug/L	92
34) Trichloroethene	6.544	95	3082	2.380	ug/L	96
35) Methylcyclohexane	6.756	83	4542	2.314	ug/L	90
37) 1,2-Dichloropropane	6.778	63	1755	1.399	ug/L #	88
38) Bromodichloromethane	7.097	83	3970	2.348	ug/L	93
39) cis-1,3-Dichloropropene	7.602	75	4499	2.220	ug/L	96
40) 4-Methyl-2-pentanone	7.788	43	7396	4.718	ug/L #	89
42) Toluene	7.965	91	11713	2.310	ug/L	96
44) trans-1,3-Dichloropropene	8.206	75	4271	2.279	ug/L	98
45) 1,1,2-Trichloroethane	8.393	97	2808	2.255	ug/L	97
46) Tetrachloroethene	8.550	164	2010	2.043	ug/L	92
48) 2-Hexanone	8.682	43	10343	7.827	ug/L #	59
49) Dibromochloromethane	8.804	129	2805	2.156	ug/L	92
50) 1,2-Dibromoethane	8.917	107	3245	2.399	ug/L #	94
51) Chlorobenzene	9.438	112	7743	2.418	ug/L	99
52) Ethylbenzene	9.563	91	12100	2.173	ug/L	96
53) m,p-Xylene	9.688	106	4531	2.200	ug/L	90
54) o-Xylene	10.093	106	4305	2.137	ug/L	92
55) Styrene	10.116	104	6623	1.954	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.769	83	5277	2.568	ug/L #	88
59) Bromoform	10.286	173	2083	2.247	ug/L #	76
60) 1,2,3-Trichloropropane	10.814	75	3878	2.580	ug/L	94
61) Isopropylbenzene	10.479	105	10915	2.204	ug/L	98
62) 1,3,5-Trimethylbenzene	11.081	105	8734	2.072	ug/L	100
63) 1,2,4-Trimethylbenzene	11.463	105	8631	2.126	ug/L	100
64) 1,3-Dichlorobenzene	11.743	146	5621	2.456	ug/L	98
65) 1,4-Dichlorobenzene	11.830	146	5766	2.483	ug/L	95
67) 1,2-Dichlorobenzene	12.203	146	5715	2.528	ug/L	92
68) 1,2-Dibromo-3-chloropr...	12.997	75	1161	2.741	ug/L	85
69) 1,3,5-Trichlorobenzene	13.219	180	3444	2.138	ug/L	93
70) 1,2,4-trichlorobenzene	13.839	180	2854	2.075	ug/L	96
71) Naphthalene	14.093	128	7891	2.117	ug/L #	80
72) 1,2,3-Trichlorobenzene	14.328	180	3050	2.297	ug/L	94

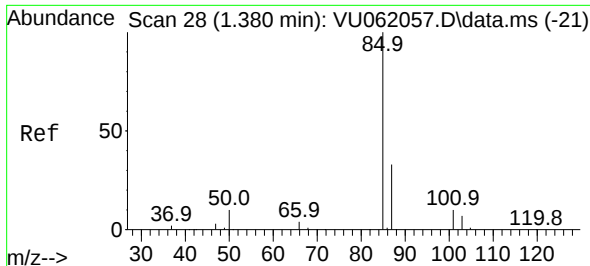
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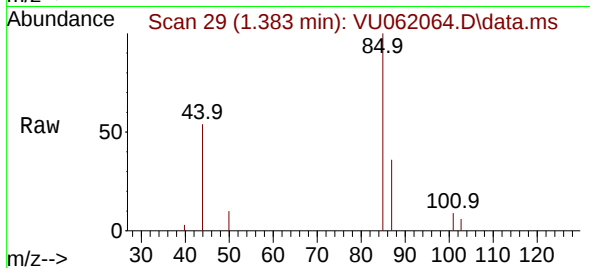
Quant Time: Nov 28 01:18:34 2024
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Quant Title : VOC Analysis
QLast Update : Thu Nov 28 01:06:41 2024
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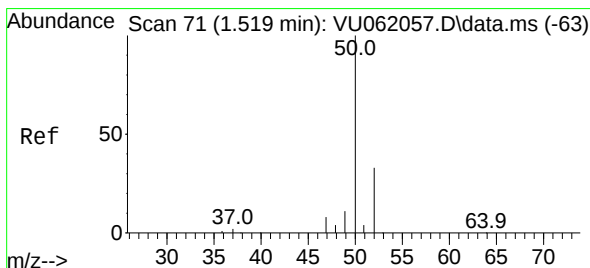
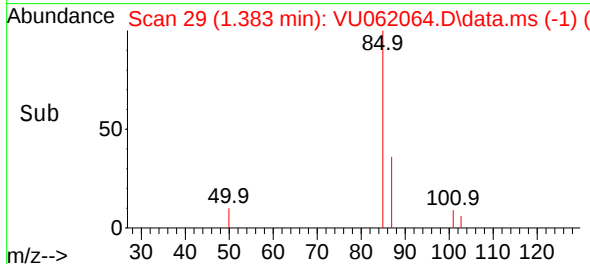
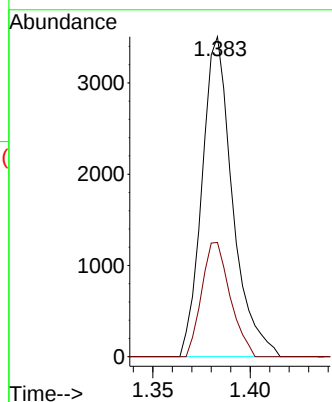


#2
 Dichlorodifluoromethane
 Concen: 2.337 ug/L
 RT: 1.383 min Scan# 20
 Delta R.T. 0.003 min
 Lab File: VU062064.D
 Acq: 27 Nov 2024 20:18

Instrument :
 MSVOA_U
 ClientSampleId :

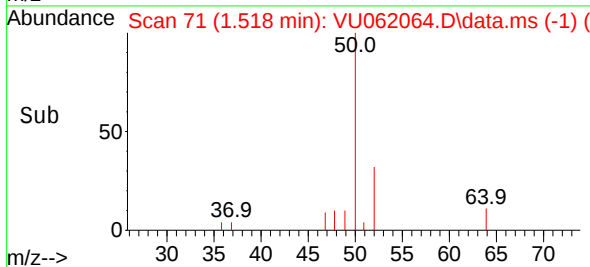
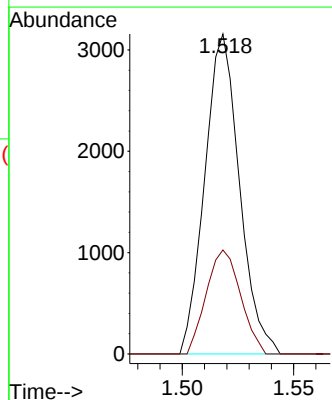
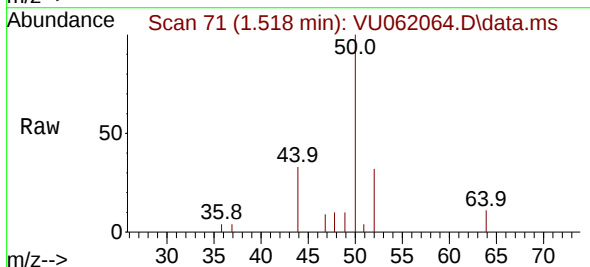


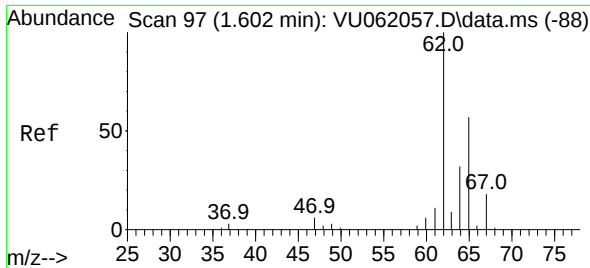
Tgt Ion: 85 Resp: 3830
 Ion Ratio Lower Upper
 85 100
 87 33.2 26.0 39.0



#3
 Chloromethane
 Concen: 2.529 ug/L
 RT: 1.518 min Scan# 71
 Delta R.T. -0.000 min
 Lab File: VU062064.D
 Acq: 27 Nov 2024 20:18

Tgt Ion: 50 Resp: 3416
 Ion Ratio Lower Upper
 50 100
 52 32.5 23.3 43.3

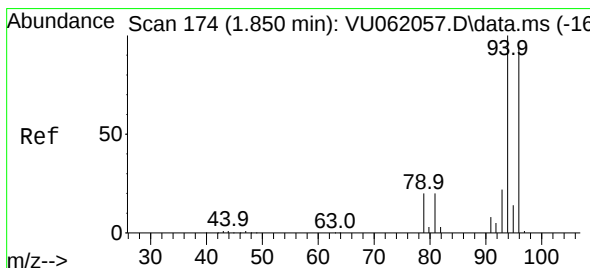
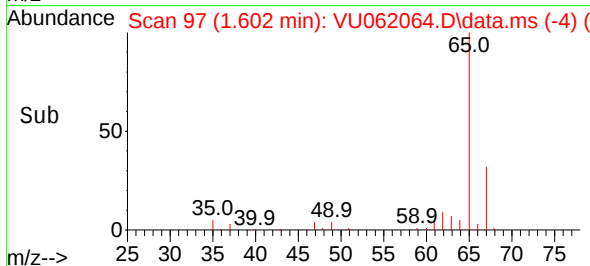
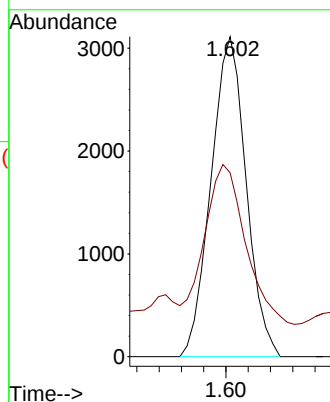
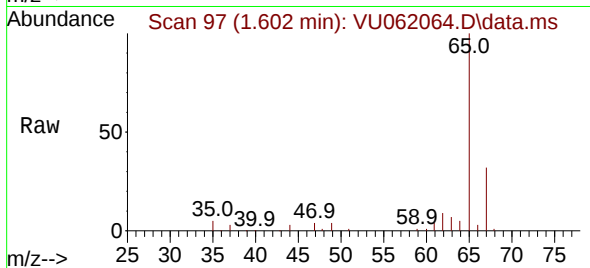




#5
 Vinyl chloride
 Concen: 2.446 ug/L
 RT: 1.602 min Scan# 91
 Delta R.T. -0.000 min
 Lab File: VU062064.D
 Acq: 27 Nov 2024 20:18

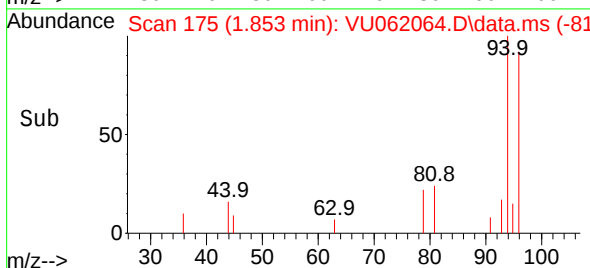
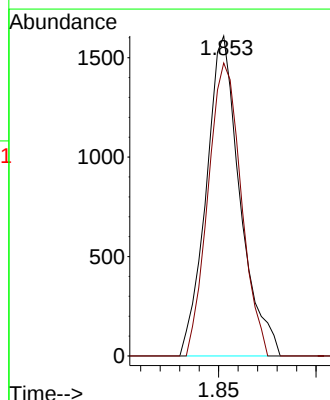
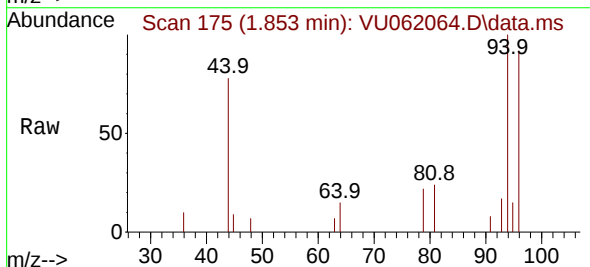
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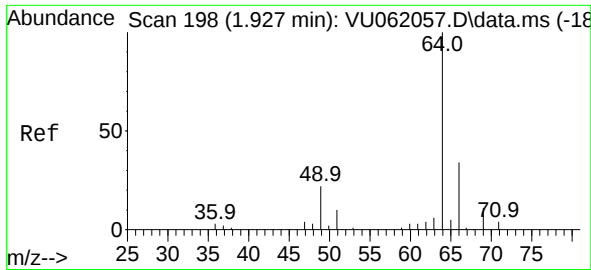
Tgt Ion: 62 Resp: 3407
 Ion Ratio Lower Upper
 62 100
 64 57.5 23.0 42.8#



#6
 Bromomethane
 Concen: 2.541 ug/L
 RT: 1.853 min Scan# 175
 Delta R.T. 0.003 min
 Lab File: VU062064.D
 Acq: 27 Nov 2024 20:18

Tgt Ion: 94 Resp: 1944
 Ion Ratio Lower Upper
 94 100
 96 91.5 66.0 122.6

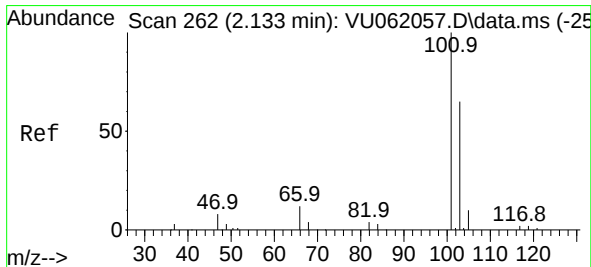
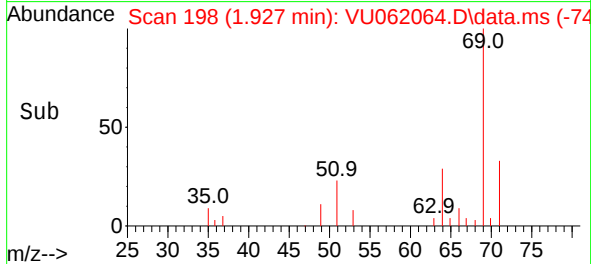
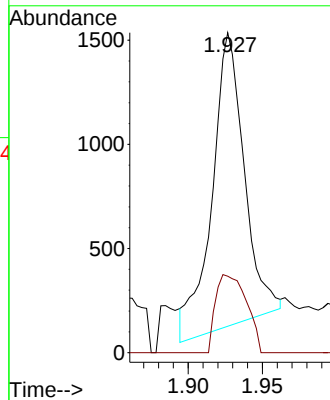
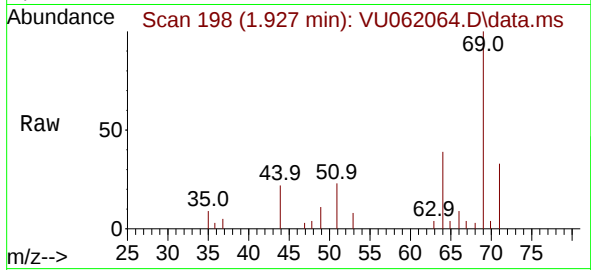




#8
Chloroethane
Concen: 2.657 ug/L
RT: 1.927 min Scan# 198
Delta R.T. -0.000 min
Lab File: VU062064.D
Acq: 27 Nov 2024 20:18

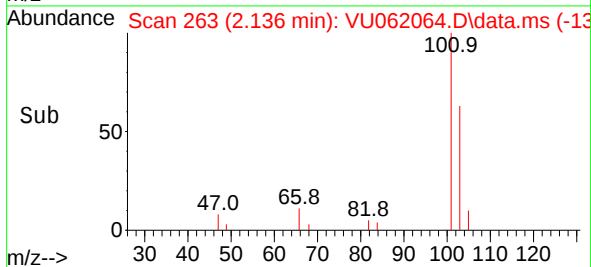
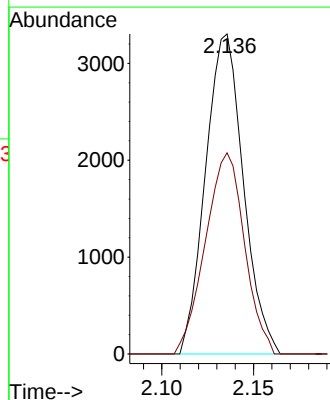
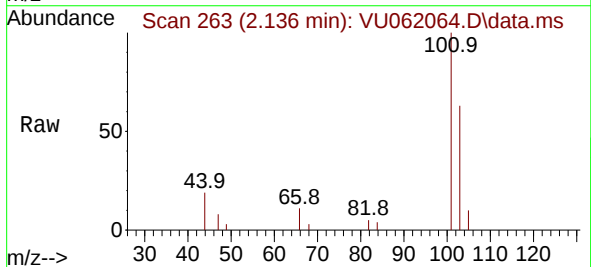
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MSVOA_U
ClientSampleId :

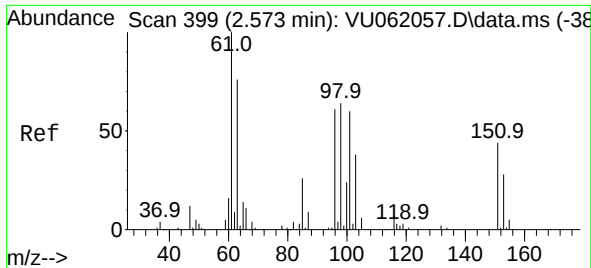
Tgt Ion: 64 Resp: 2132
Ion Ratio Lower Upper
64 100
66 23.9 23.7 44.1



#9
Trichlorofluoromethane
Concen: 2.225 ug/L
RT: 2.136 min Scan# 263
Delta R.T. 0.003 min
Lab File: VU062064.D
Acq: 27 Nov 2024 20:18

Tgt Ion:101 Resp: 4739
Ion Ratio Lower Upper
101 100
103 64.9 52.9 79.3

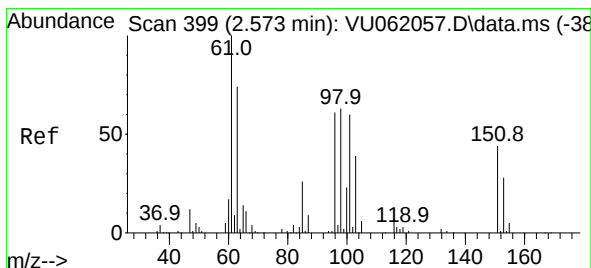
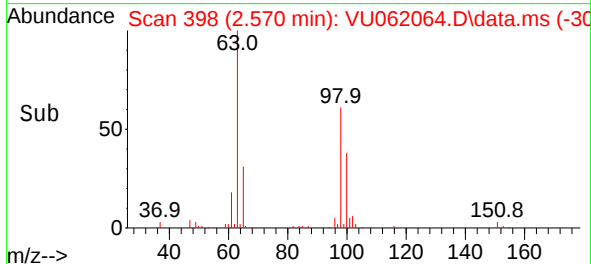
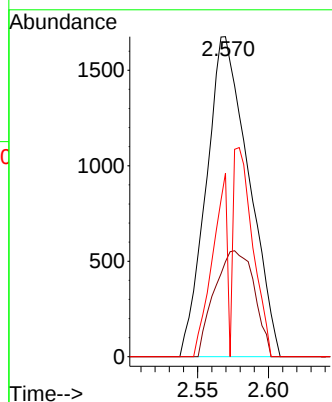
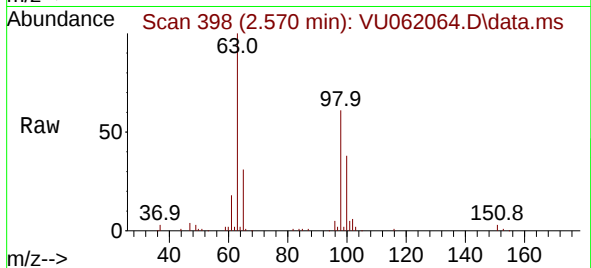




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 2.910 ug/L
 RT: 2.570 min Scan# 398
 Delta R.T. -0.004 min
 Lab File: VU062064.D
 Acq: 27 Nov 2024 20:18

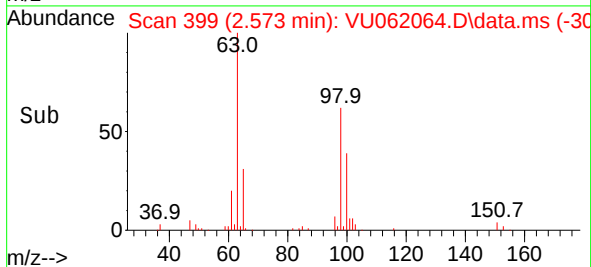
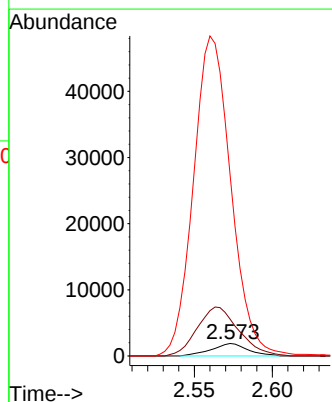
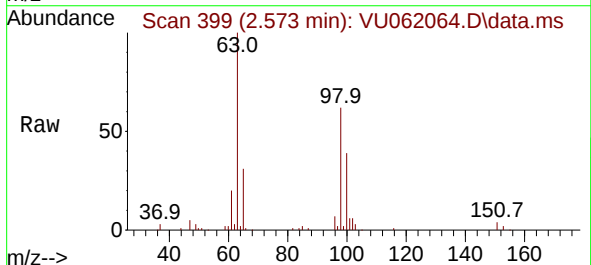
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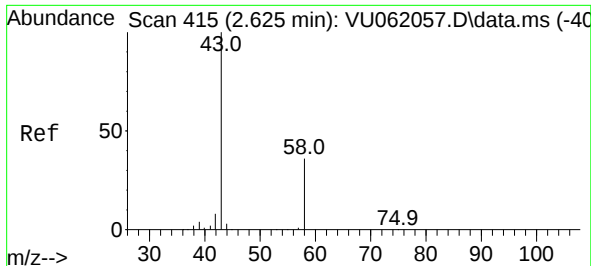
Tgt Ion:101 Resp: 3475
 Ion Ratio Lower Upper
 101 100
 85 0.0 34.7 52.1#
 151 20.1 59.0 88.4#



#12
 1,1-Dichloroethene
 Concen: 2.821 ug/L
 RT: 2.573 min Scan# 399
 Delta R.T. -0.000 min
 Lab File: VU062064.D
 Acq: 27 Nov 2024 20:18

Tgt Ion: 96 Resp: 3064
 Ion Ratio Lower Upper
 96 100
 61 293.2 115.2 214.0#
 63 1442.1 89.3 165.9#





#13

Acetone

Concen: 4.015 ug/L

RT: 2.634 min Scan# 415

Delta R.T. 0.009 min

Lab File: VU062064.D

Acq: 27 Nov 2024 20:18

Instrument :

MSVOA_U

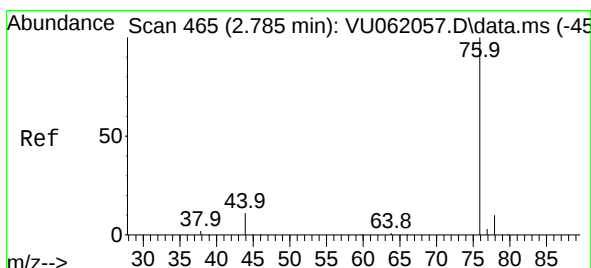
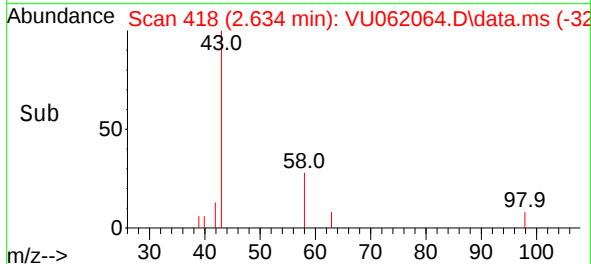
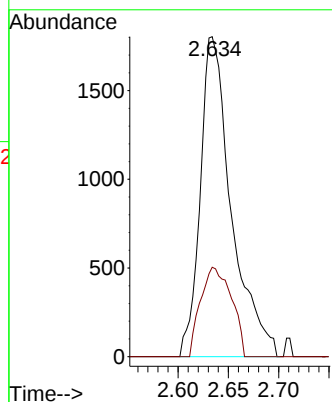
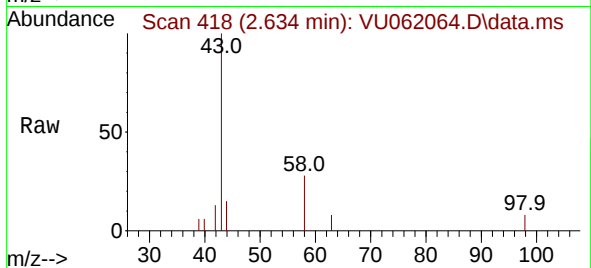
ClientSampleId :

Tgt Ion: 43 Resp: 3886

Ion Ratio Lower Upper

43 100

58 27.7 0.0 72.4



#14

Carbon disulfide

Concen: 2.504 ug/L

RT: 2.788 min Scan# 466

Delta R.T. 0.003 min

Lab File: VU062064.D

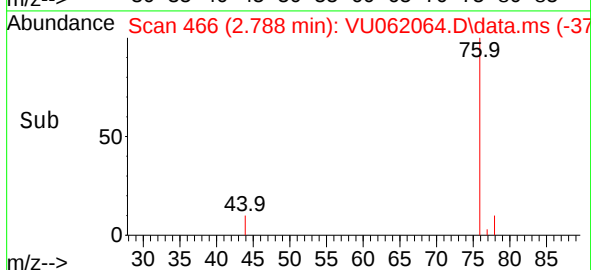
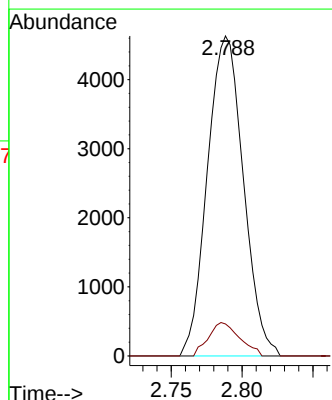
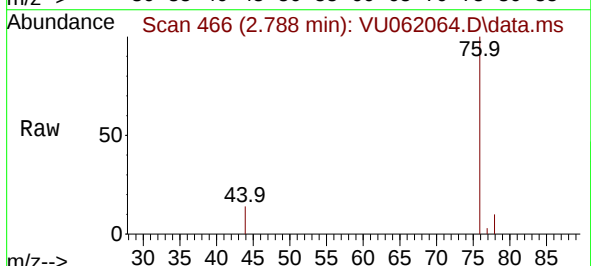
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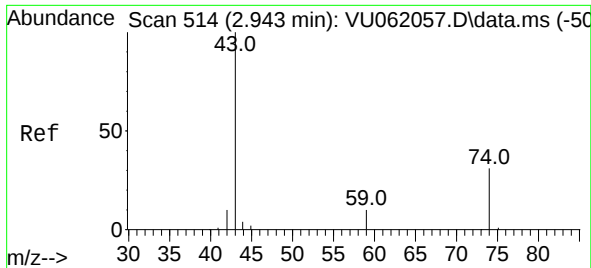
Tgt Ion: 76 Resp: 8180

Ion Ratio Lower Upper

76 100

78 10.0 7.8 11.6





#15

Methyl Acetate

Concen: 1.784 ug/L

RT: 2.959 min Scan# 514

Delta R.T. 0.016 min

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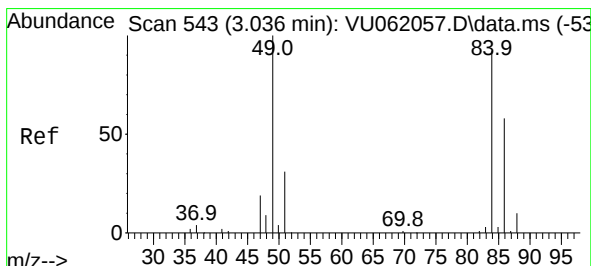
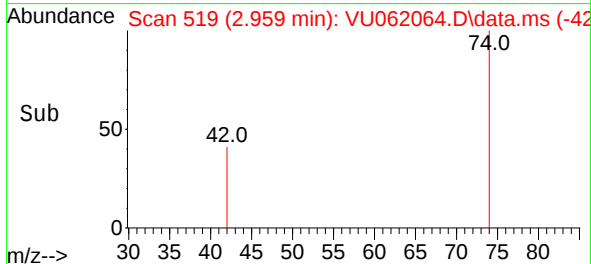
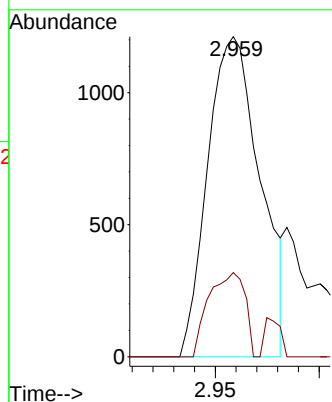
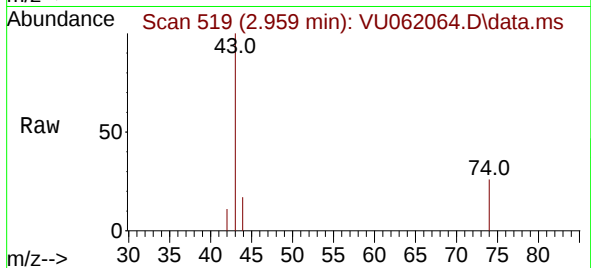
ClientSampleId :

Tgt Ion: 43 Resp: 2129

Ion Ratio Lower Upper

43 100

74 18.1 23.4 35.2#



#16

Methylene chloride

Concen: 2.554 ug/L

RT: 3.039 min Scan# 544

Delta R.T. 0.003 min

Lab File: VU062064.D

Acq: 27 Nov 2024 20:18

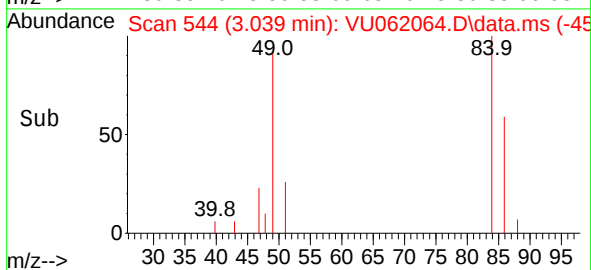
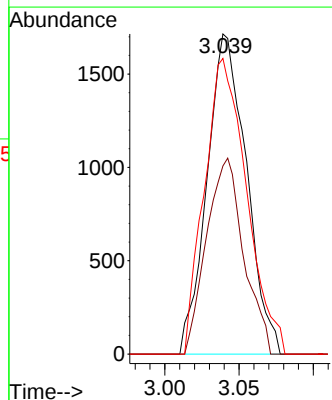
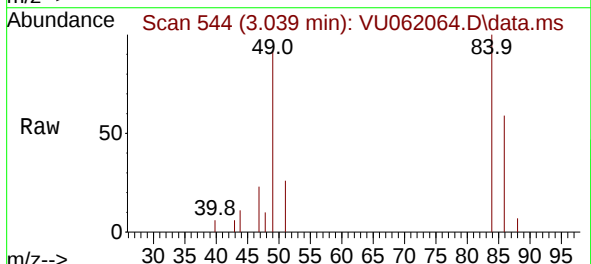
Tgt Ion: 84 Resp: 3162

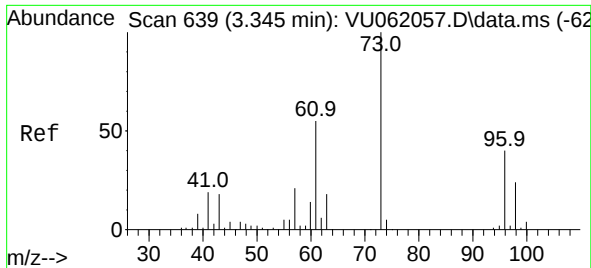
Ion Ratio Lower Upper

84 100

86 58.8 44.4 82.4

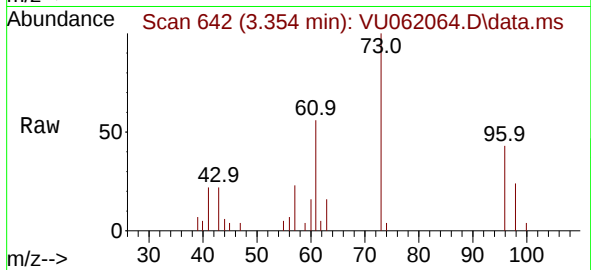
49 92.4 75.9 141.1





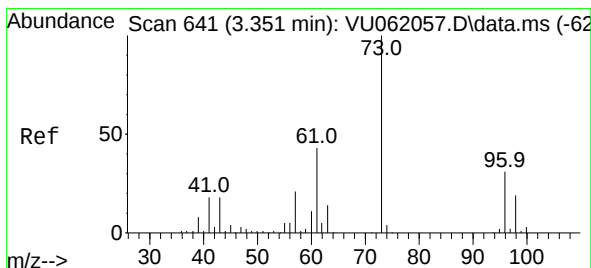
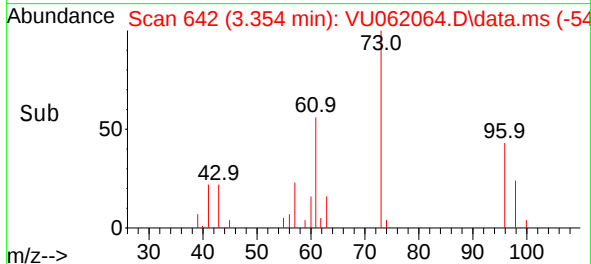
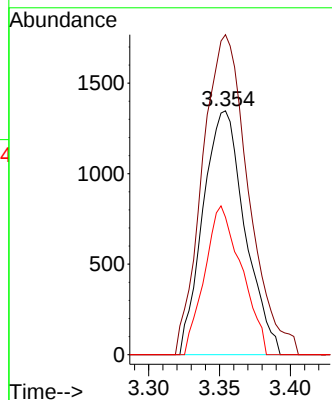
#17
trans-1,2-Dichloroethene
Concen: 2.487 ug/L
RT: 3.354 min Scan# 642
Delta R.T. 0.009 min
Lab File: VU062064.D
Acq: 27 Nov 2024 20:18

Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion: 96 Resp: 2776

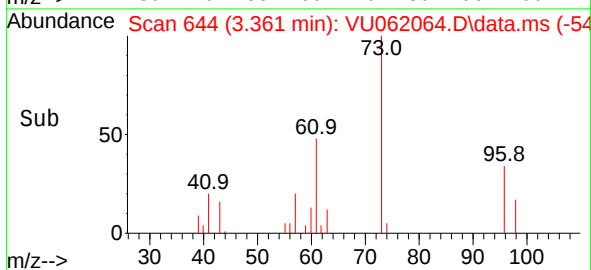
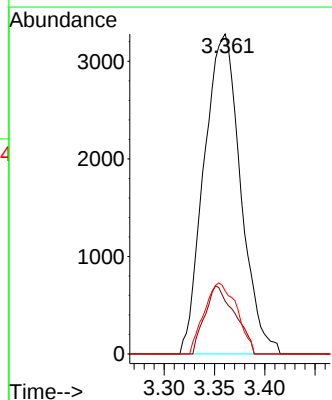
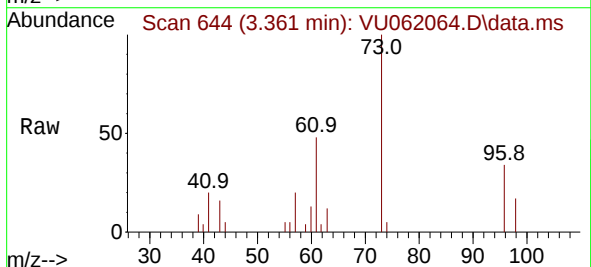
Ion	Ratio	Lower	Upper
96	100		
61	131.3	96.2	178.6
98	56.3	42.7	79.3

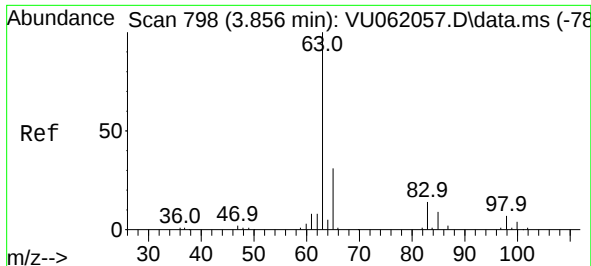


#18
Methyl tert-butyl Ether
Concen: 2.206 ug/L
RT: 3.361 min Scan# 644
Delta R.T. 0.009 min
Lab File: VU062064.D
Acq: 27 Nov 2024 20:18

Tgt Ion: 73 Resp: 8300

Ion	Ratio	Lower	Upper
73	100		
43	17.4	14.7	22.1
57	19.7	16.4	24.6

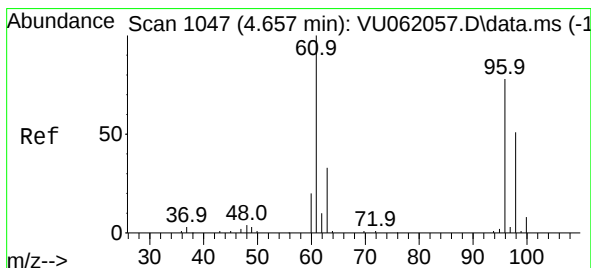
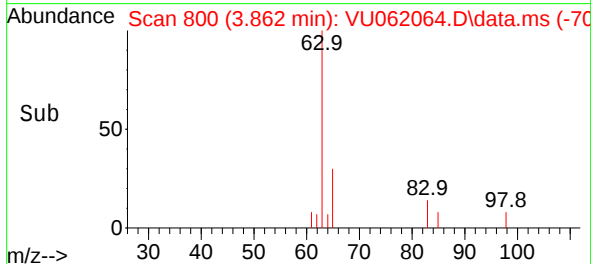
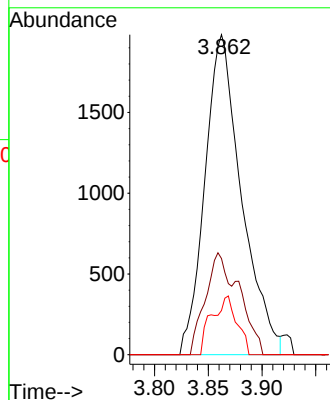
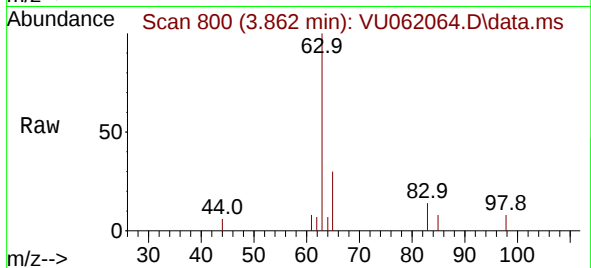




#19
1,1-Dichloroethane
Concen: 2.194 ug/L
RT: 3.862 min Scan# 80
Delta R.T. 0.006 min
Lab File: VU062064.D
Acq: 27 Nov 2024 20:18

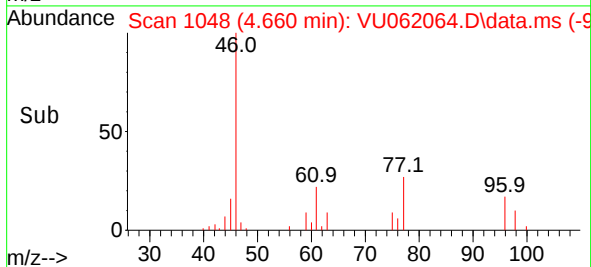
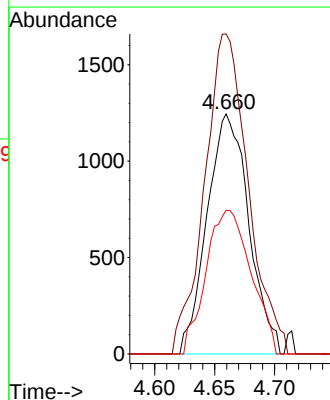
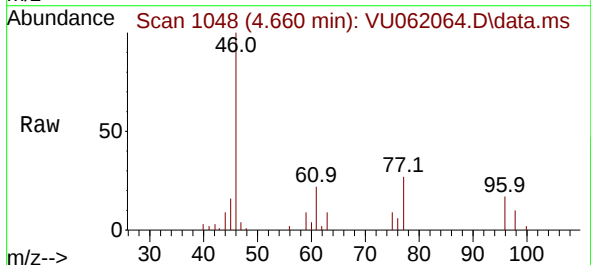
Instrument :
MSVOA_U
ClientSampleId :

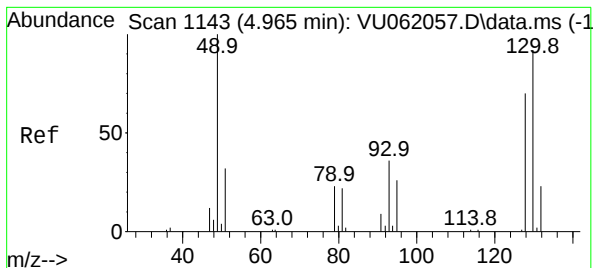
Tgt Ion: 63 Resp: 4694
Ion Ratio Lower Upper
63 100
65 30.1 21.7 40.3
83 13.8 10.0 18.6



#20
cis-1,2-Dichloroethene
Concen: 2.369 ug/L
RT: 4.660 min Scan# 1048
Delta R.T. 0.003 min
Lab File: VU062064.D
Acq: 27 Nov 2024 20:18

Tgt Ion: 96 Resp: 3012
Ion Ratio Lower Upper
96 100
61 133.3 90.1 167.3
98 59.8 45.3 84.1





#23

Bromochloromethane

Concen: 2.330 ug/L

RT: 4.975 min Scan# 1146

Delta R.T. 0.009 min

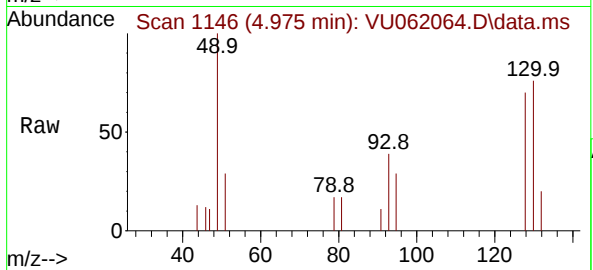
Lab File: VU062064.D

Acq: 27 Nov 2024 20:18

Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion:128 Resp: 1541

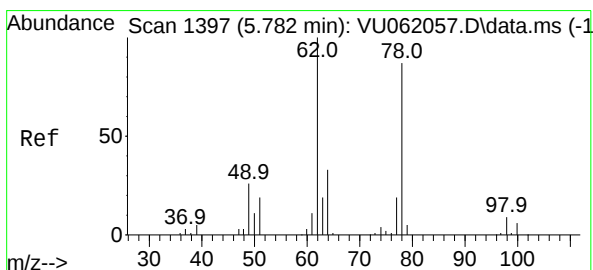
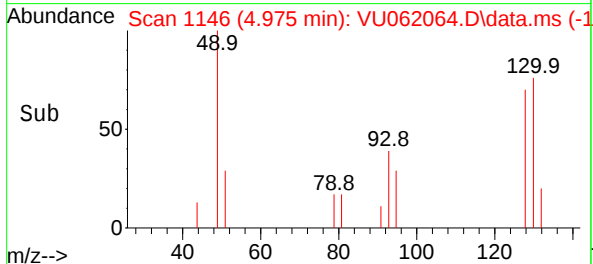
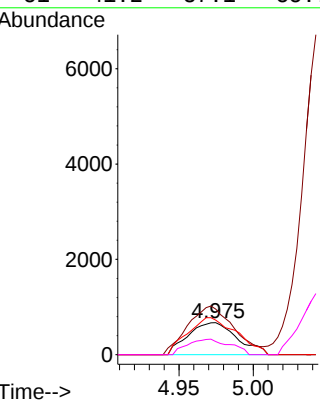
Ion Ratio Lower Upper

128 100

49 142.3 100.7 187.1

130 108.0 92.4 171.6

51 41.2 37.1 55.7



#27

1,2-Dichloroethane

Concen: 2.375 ug/L

RT: 5.791 min Scan# 1400

Delta R.T. 0.009 min

Lab File: VU062064.D

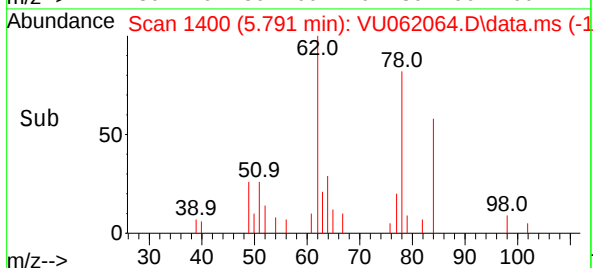
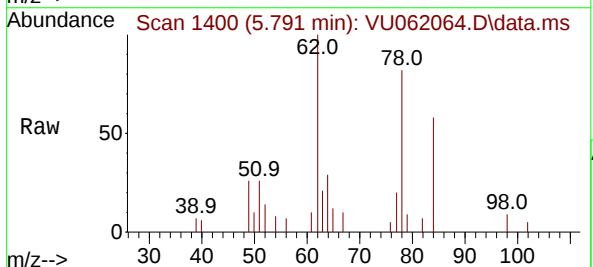
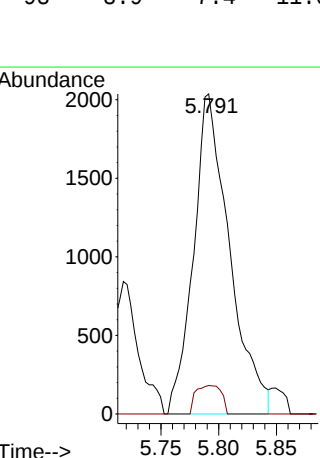
Acq: 27 Nov 2024 20:18

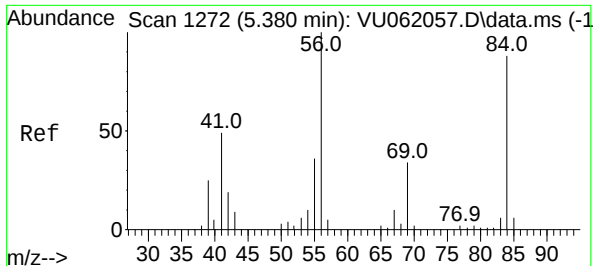
Tgt Ion: 62 Resp: 4404

Ion Ratio Lower Upper

62 100

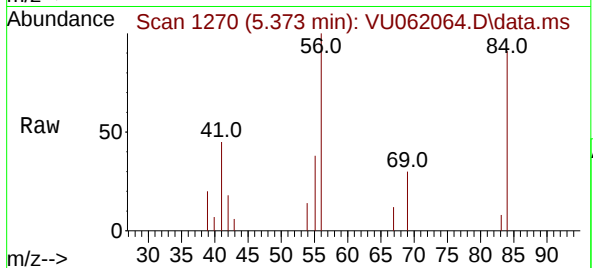
98 8.9 7.4 11.0



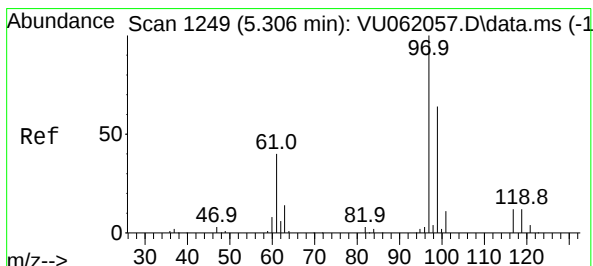
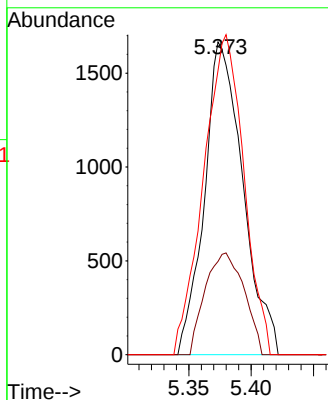
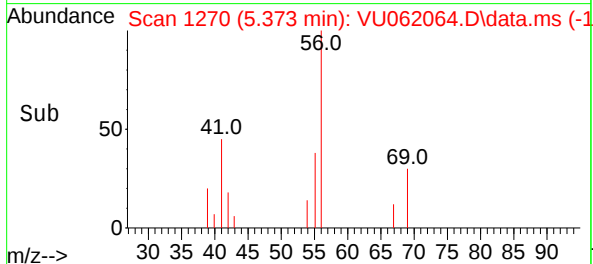


#29
Cyclohexane
Concen: 1.966 ug/L
RT: 5.373 min Scan# 1270
Delta R.T. -0.007 min
Lab File: VU062064.D
Acq: 27 Nov 2024 20:18

Instrument :
MSVOA_U
ClientSampleId :

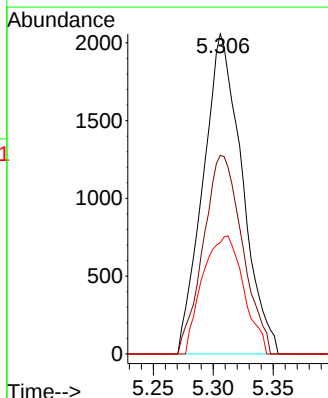
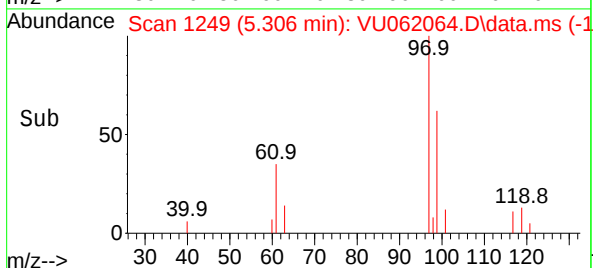
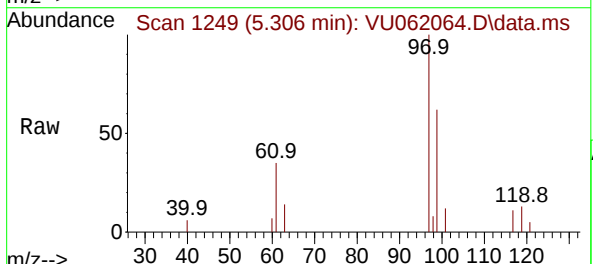


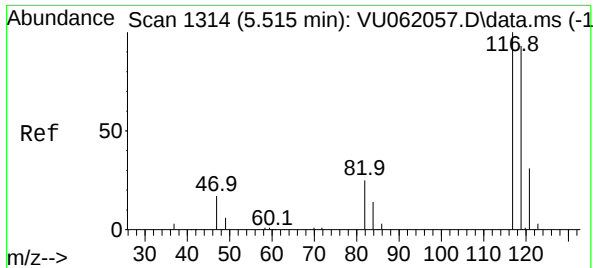
Tgt Ion: 56	Resp: 3580
Ion Ratio	Lower Upper
56	100
69	32.8 27.1 40.7
84	106.8 72.1 108.1



#30
1,1,1-Trichloroethane
Concen: 2.247 ug/L
RT: 5.306 min Scan# 1249
Delta R.T. -0.000 min
Lab File: VU062064.D
Acq: 27 Nov 2024 20:18

Tgt Ion: 97	Resp: 4633
Ion Ratio	Lower Upper
97	100
99	62.5 52.0 78.0
61	38.8 32.6 48.8

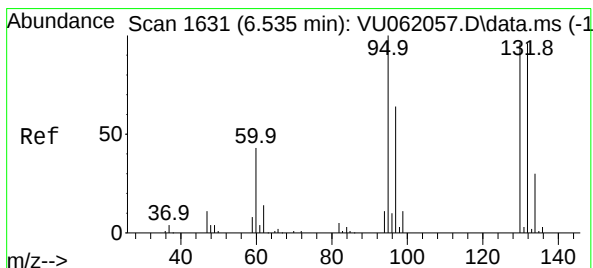
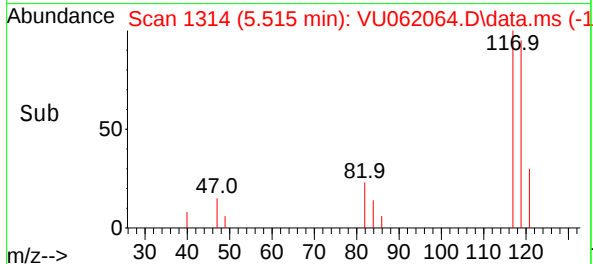
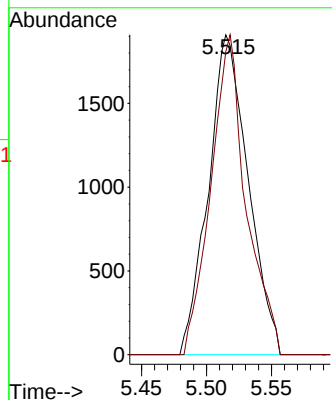
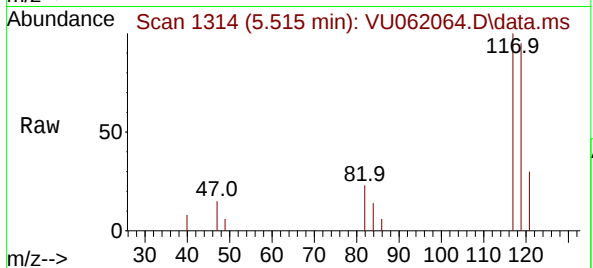




#31
Carbon tetrachloride
Concen: 2.204 ug/L
RT: 5.515 min Scan# 1314
Delta R.T. -0.000 min
Lab File: VU062064.D
Acq: 27 Nov 2024 20:18

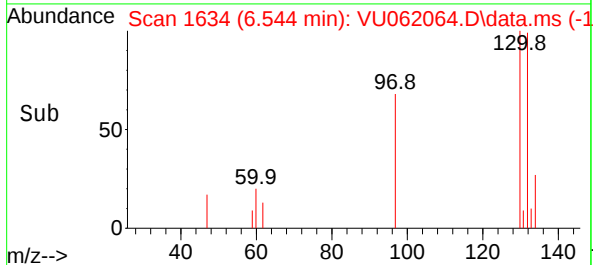
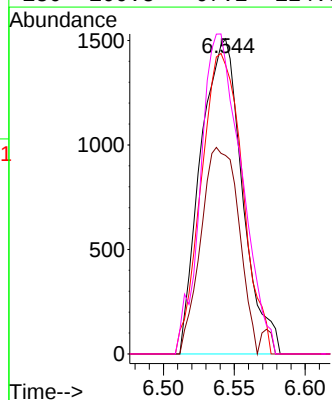
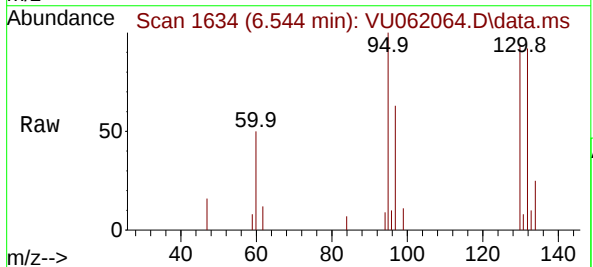
Instrument :
MSVOA_U
ClientSampleId :

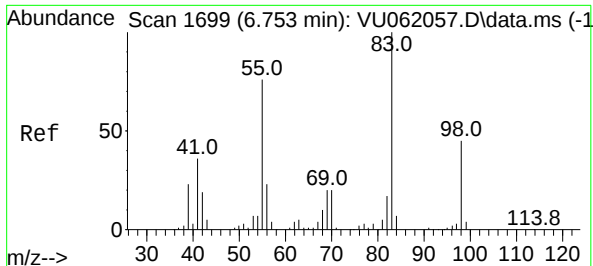
Tgt Ion:117 Resp: 4061
Ion Ratio Lower Upper
117 100
119 88.7 77.0 115.6



#34
Trichloroethene
Concen: 2.380 ug/L
RT: 6.544 min Scan# 1634
Delta R.T. 0.009 min
Lab File: VU062064.D
Acq: 27 Nov 2024 20:18

Tgt Ion: 95 Resp: 3082
Ion Ratio Lower Upper
95 100
97 63.0 44.6 82.8
132 91.8 67.3 124.9
130 100.8 67.2 124.8

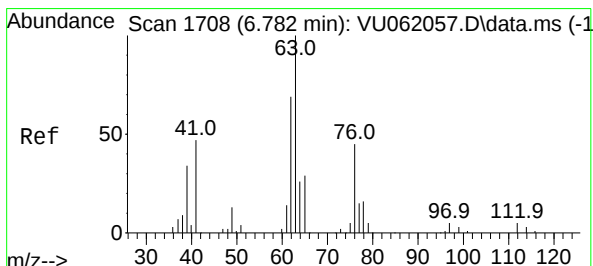
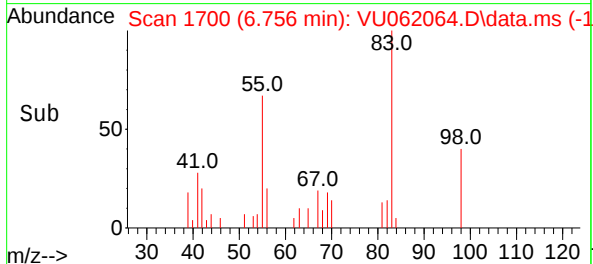
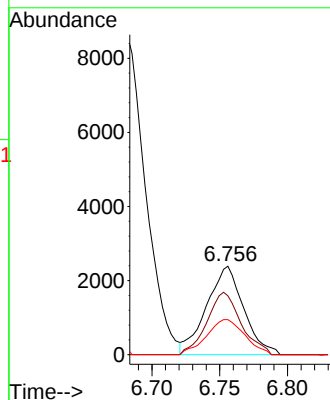
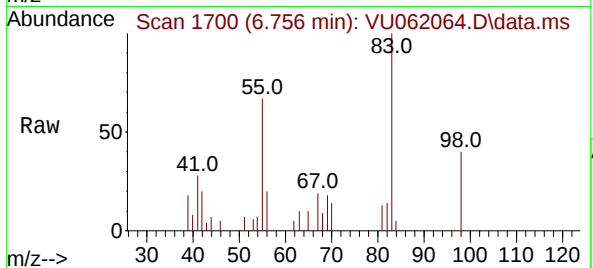




#35
Methylcyclohexane
Concen: 2.314 ug/L
RT: 6.756 min Scan# 1
Delta R.T. 0.003 min
Lab File: VU062064.D
Acq: 27 Nov 2024 20:18

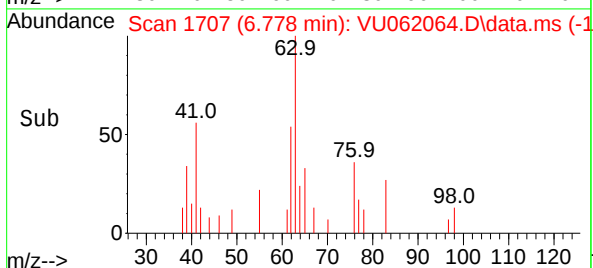
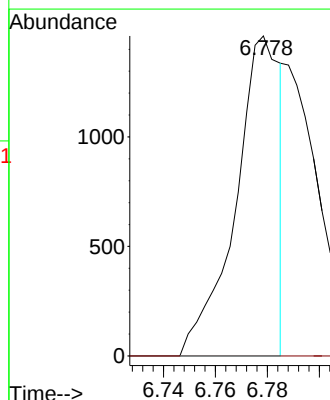
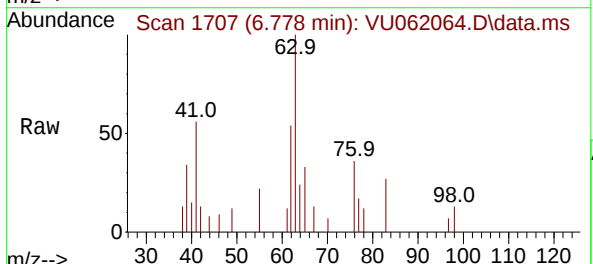
Instrument :
MSVOA_U
ClientSampleId :

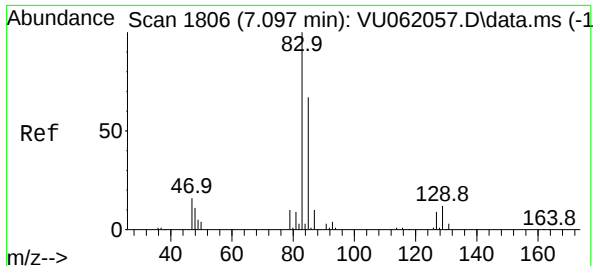
Tgt Ion: 83 Resp: 4542
Ion Ratio Lower Upper
83 100
55 64.9 60.1 90.1
98 40.9 35.8 53.8



#37
1,2-Dichloropropane
Concen: 1.399 ug/L
RT: 6.778 min Scan# 1707
Delta R.T. -0.004 min
Lab File: VU062064.D
Acq: 27 Nov 2024 20:18

Tgt Ion: 63 Resp: 1755
Ion Ratio Lower Upper
63 100
112 0.0 3.1 4.7#





#38

Bromodichloromethane

Concen: 2.348 ug/L

RT: 7.097 min Scan# 11

Delta R.T. -0.000 min

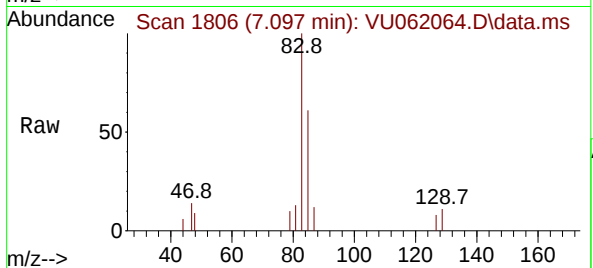
Lab File: VU062064.D

Acq: 27 Nov 2024 20:18

Instrument :

MSVOA_U

ClientSampleId :



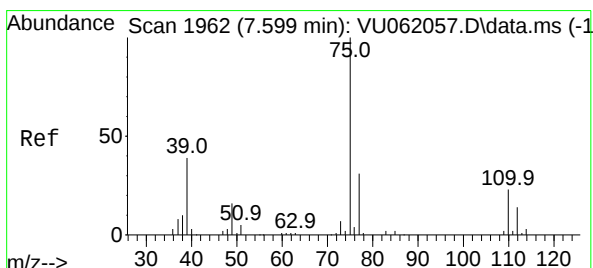
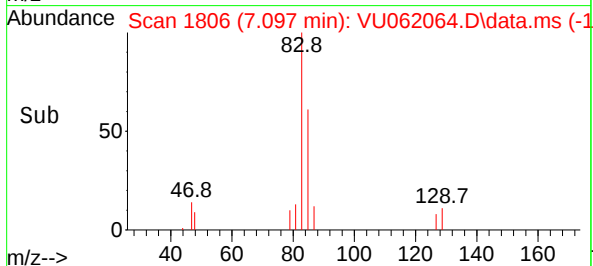
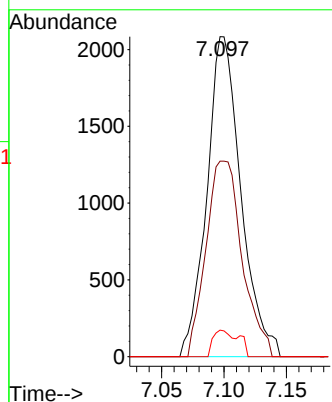
Tgt Ion: 83 Resp: 3970

Ion Ratio Lower Upper

83 100

85 61.1 46.8 87.0

127 8.3 6.8 10.2



#39

cis-1,3-Dichloropropene

Concen: 2.220 ug/L

RT: 7.602 min Scan# 1963

Delta R.T. 0.003 min

Lab File: VU062064.D

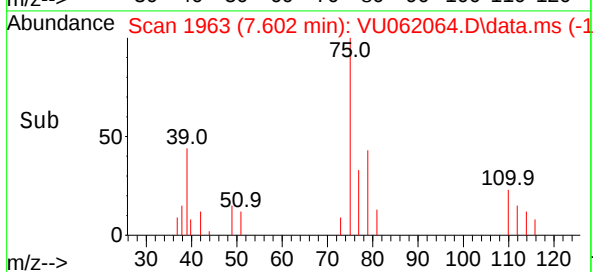
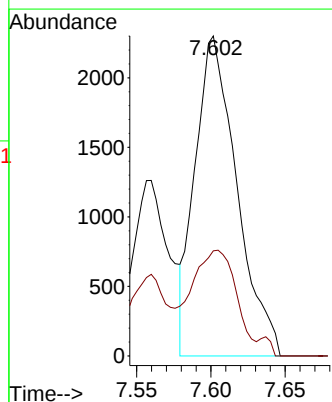
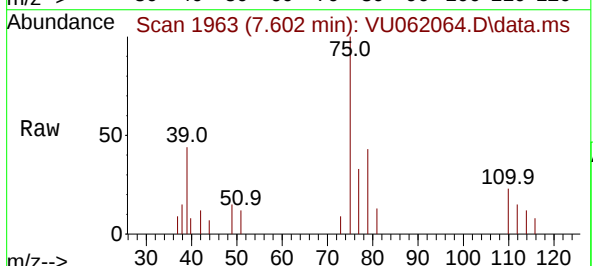
Acq: 27 Nov 2024 20:18

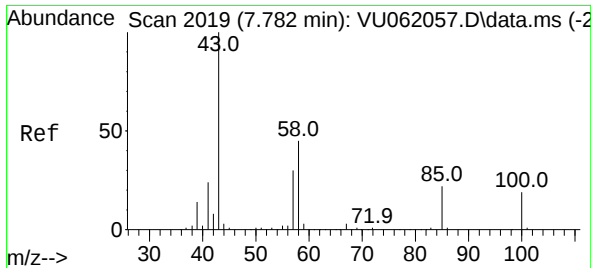
Tgt Ion: 75 Resp: 4499

Ion Ratio Lower Upper

75 100

77 32.9 21.6 40.2





#40

4-Methyl-2-pentanone

Concen: 4.718 ug/L

RT: 7.788 min Scan# 2019

Delta R.T. 0.006 min

Lab File: VU062064.D

Acq: 27 Nov 2024 20:18

Instrument :

MSVOA_U

ClientSampleId :

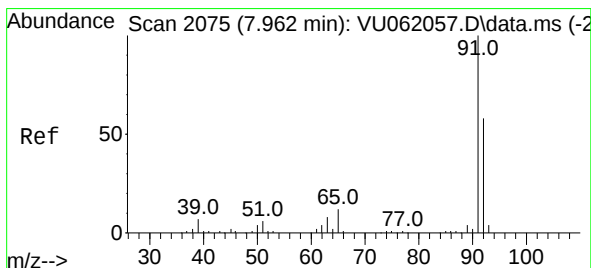
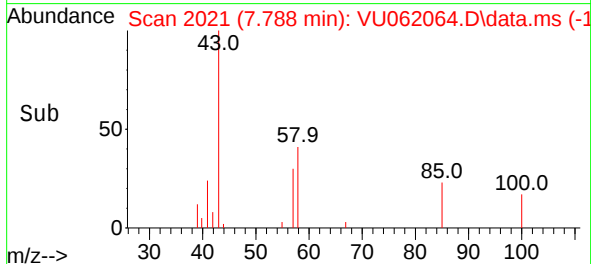
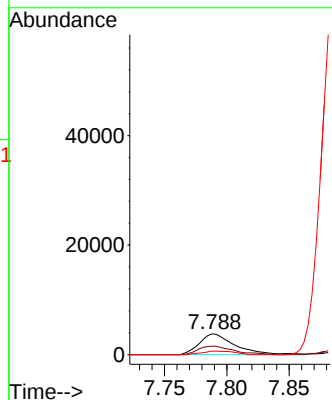
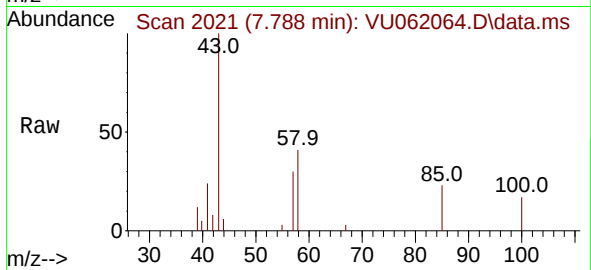
Tgt Ion: 43 Resp: 7396

Ion Ratio Lower Upper

43 100

58 38.6 35.7 53.5

100 10.7 14.6 21.8#



#42

Toluene

Concen: 2.310 ug/L

RT: 7.965 min Scan# 2076

Delta R.T. 0.003 min

Lab File: VU062064.D

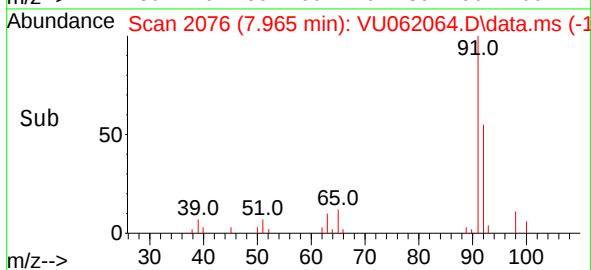
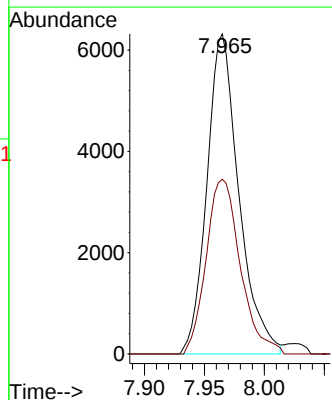
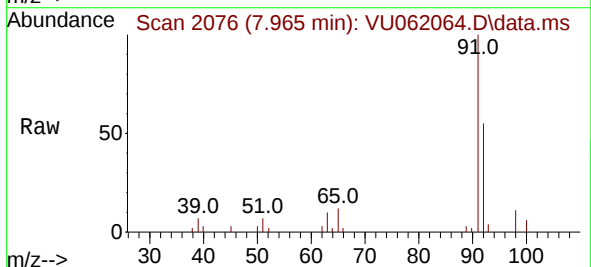
Acq: 27 Nov 2024 20:18

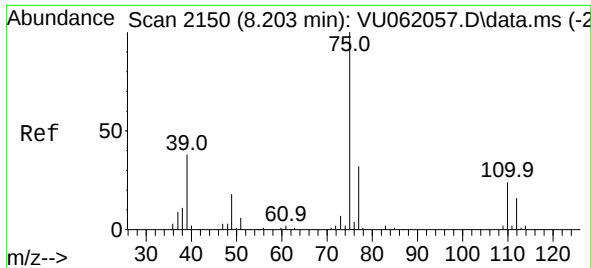
Tgt Ion: 91 Resp: 11713

Ion Ratio Lower Upper

91 100

92 54.6 40.5 75.3

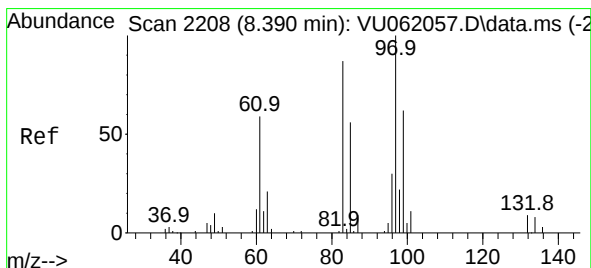
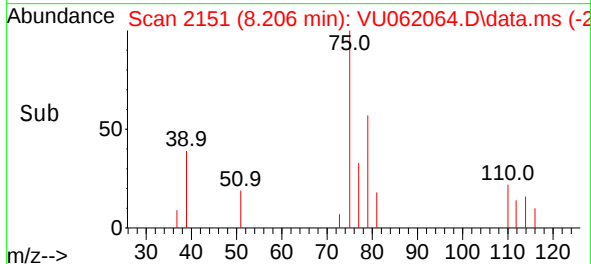
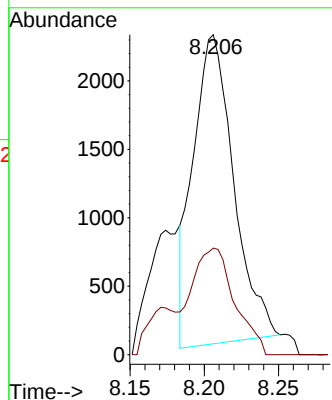
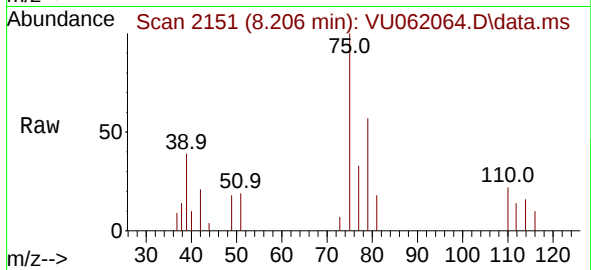




#44
trans-1,3-Dichloropropene
Concen: 2.279 ug/L
RT: 8.206 min Scan# 2150
Delta R.T. 0.003 min
Lab File: VU062064.D
Acq: 27 Nov 2024 20:18

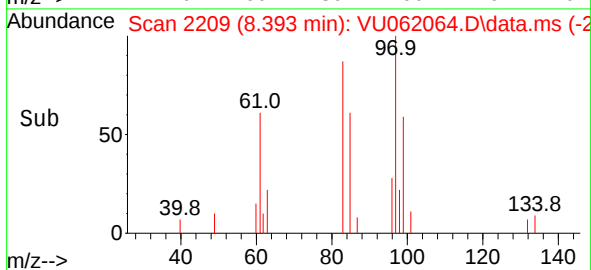
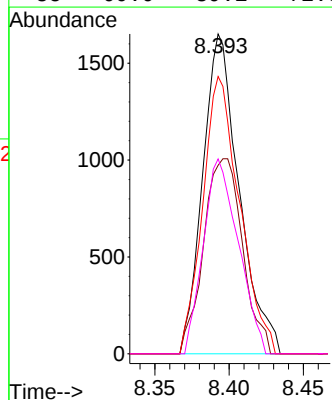
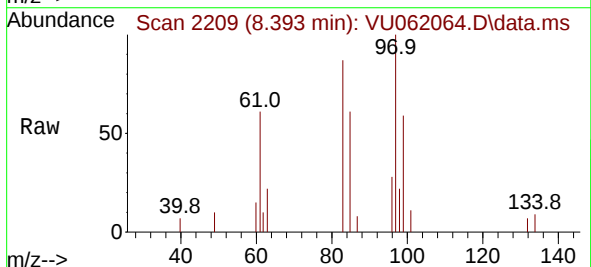
Instrument :
MSVOA_U
ClientSampleId :

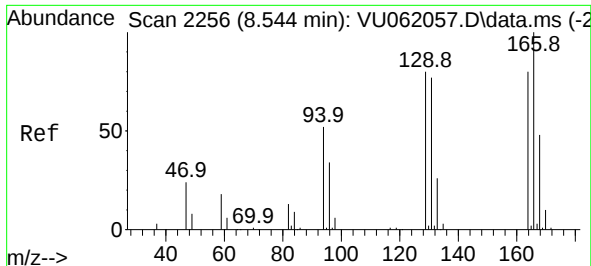
Tgt Ion: 75 Resp: 4271
Ion Ratio Lower Upper
75 100
77 33.3 22.4 41.6



#45
1,1,2-Trichloroethane
Concen: 2.255 ug/L
RT: 8.393 min Scan# 2209
Delta R.T. 0.003 min
Lab File: VU062064.D
Acq: 27 Nov 2024 20:18

Tgt Ion: 97 Resp: 2808
Ion Ratio Lower Upper
97 100
99 58.9 43.5 80.7
83 86.7 60.8 113.0
85 60.9 39.2 72.8





#46

Tetrachloroethene

Concen: 2.043 ug/L

RT: 8.550 min Scan# 2256

Delta R.T. 0.006 min

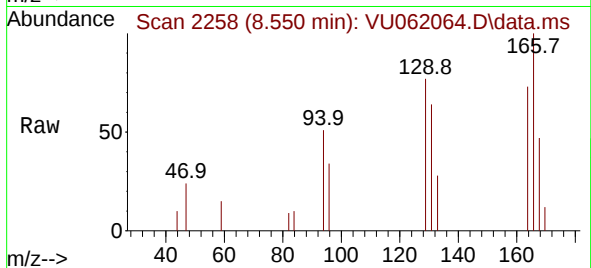
Lab File: VU062064.D

Acq: 27 Nov 2024 20:18

Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion:164 Resp: 2010

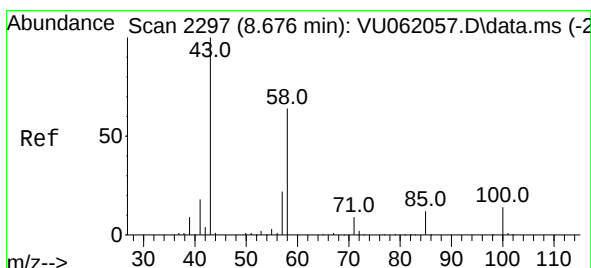
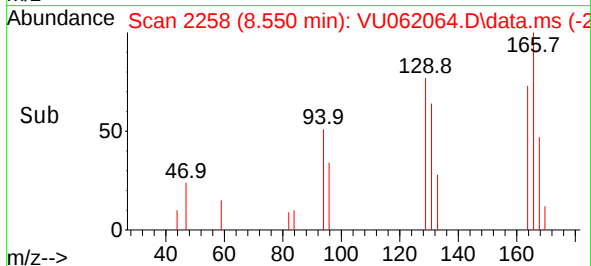
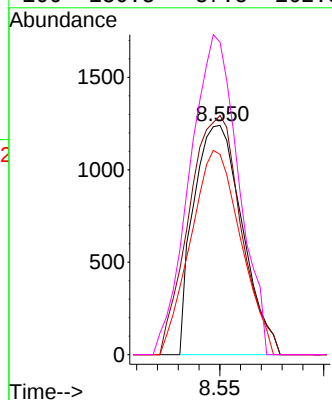
Ion Ratio Lower Upper

164 100

129 104.4 70.4 130.8

131 87.4 67.8 125.8

166 136.3 87.5 162.5



#48

2-Hexanone

Concen: 7.827 ug/L

RT: 8.682 min Scan# 2299

Delta R.T. 0.006 min

Lab File: VU062064.D

Acq: 27 Nov 2024 20:18

Tgt Ion: 43 Resp: 10343

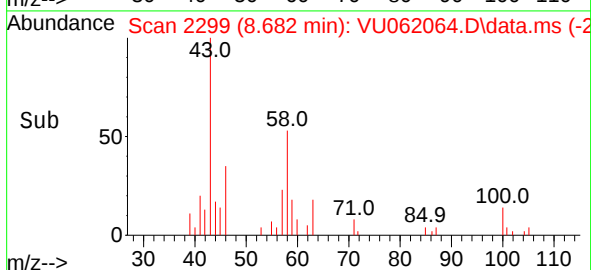
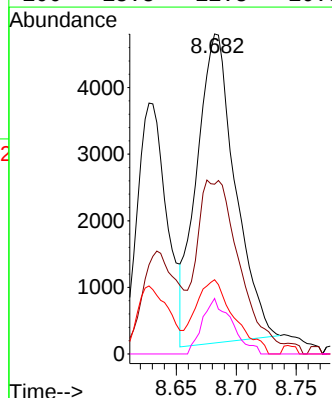
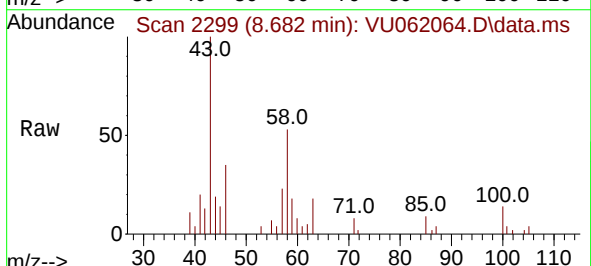
Ion Ratio Lower Upper

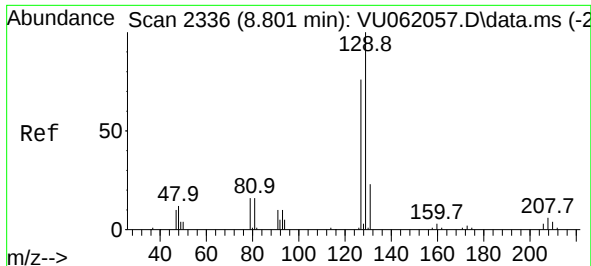
43 100

58 14.6 51.7 77.5#

57 23.9 18.5 27.7

100 13.3 11.3 16.9





#49

Dibromochloromethane

Concen: 2.156 ug/L

RT: 8.804 min Scan# 2337

Delta R.T. 0.003 min

Lab File: VU062064.D

Acq: 27 Nov 2024 20:18

Instrument :

MSVOA_U

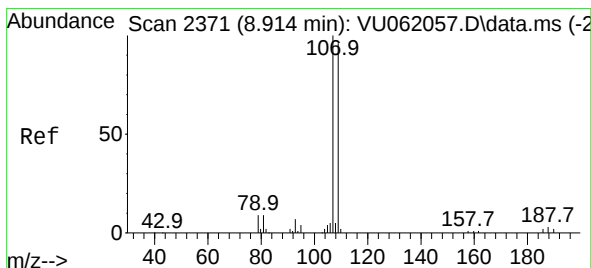
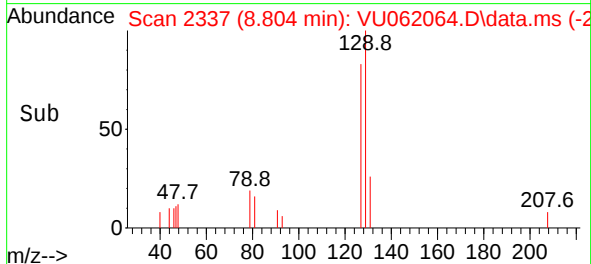
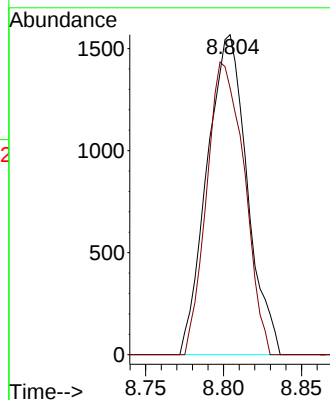
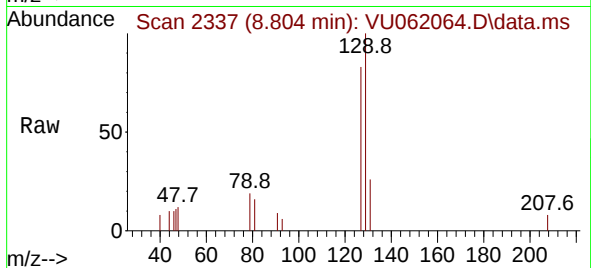
ClientSampleId :

Tgt Ion:129 Resp: 2805

Ion Ratio Lower Upper

129 100

127 83.3 53.3 99.1



#50

1,2-Dibromoethane

Concen: 2.399 ug/L

RT: 8.917 min Scan# 2372

Delta R.T. 0.003 min

Lab File: VU062064.D

Acq: 27 Nov 2024 20:18

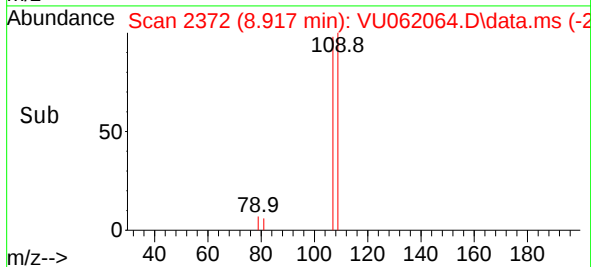
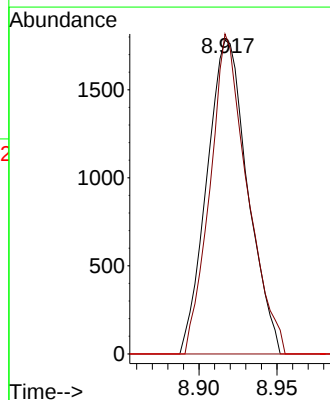
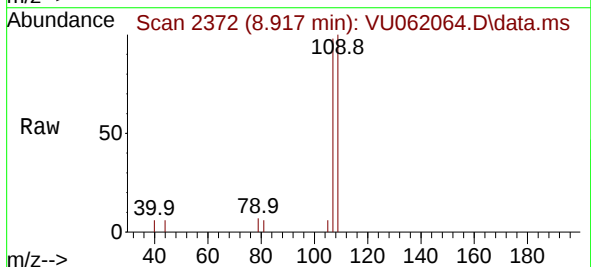
Tgt Ion:107 Resp: 3245

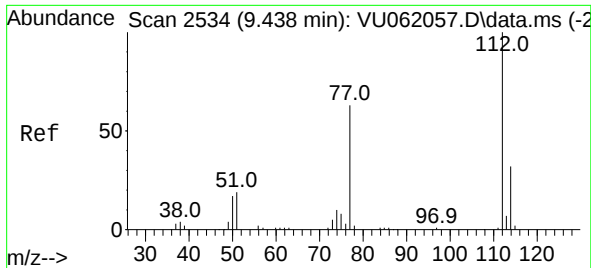
Ion Ratio Lower Upper

107 100

109 102.0 67.1 124.7

188 0.0 2.6 4.0#

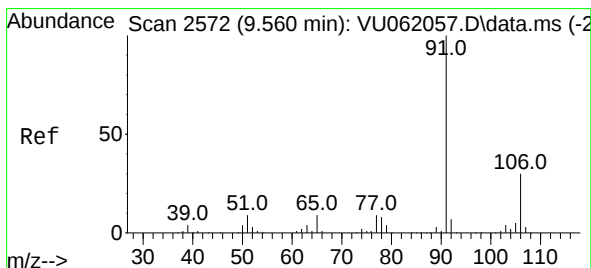
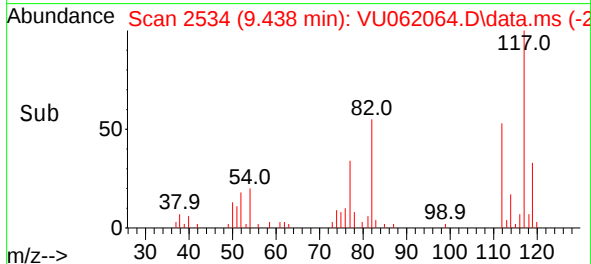
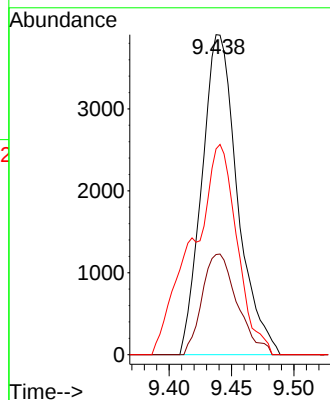
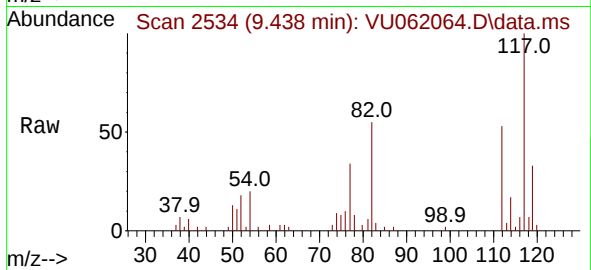




#51
Chlorobenzene
Concen: 2.418 ug/L
RT: 9.438 min Scan# 2534
Delta R.T. -0.000 min
Lab File: VU062064.D
Acq: 27 Nov 2024 20:18

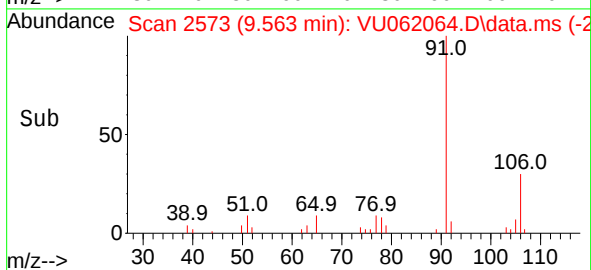
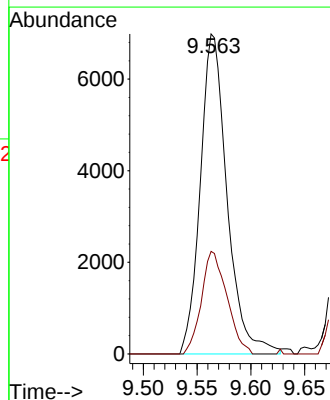
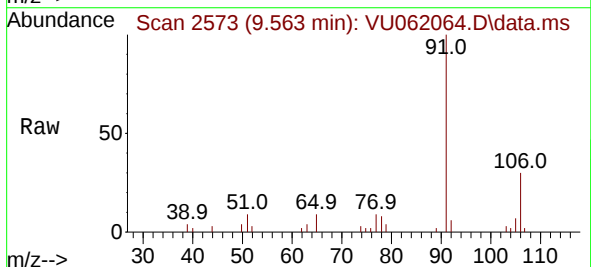
Instrument :
MSVOA_U
ClientSampleId :

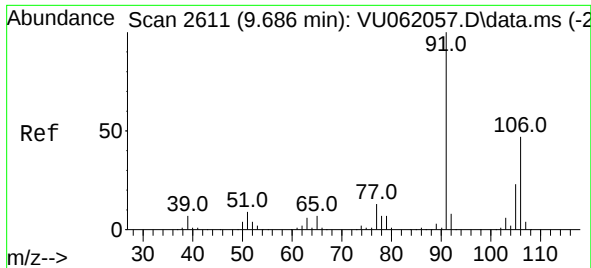
Tgt Ion:112 Resp: 7743
Ion Ratio Lower Upper
112 100
114 31.3 22.0 41.0
77 64.3 50.8 76.2



#52
Ethylbenzene
Concen: 2.173 ug/L
RT: 9.563 min Scan# 2573
Delta R.T. 0.003 min
Lab File: VU062064.D
Acq: 27 Nov 2024 20:18

Tgt Ion: 91 Resp: 12100
Ion Ratio Lower Upper
91 100
106 32.1 20.8 38.6

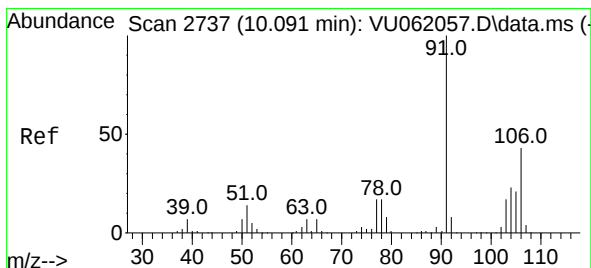
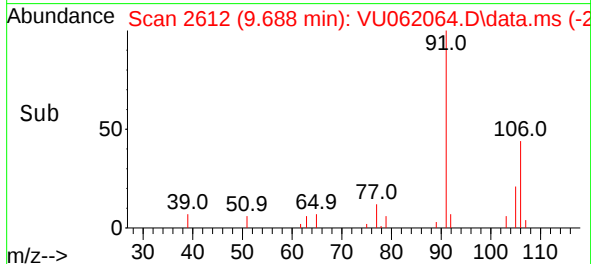
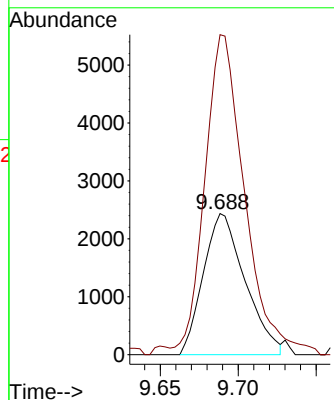
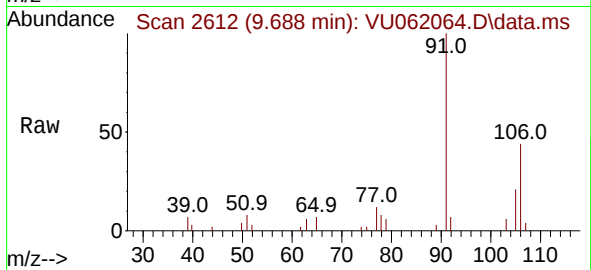




#53
m,p-Xylene
Concen: 2.200 ug/L
RT: 9.688 min Scan# 2611
Delta R.T. 0.003 min
Lab File: VU062064.D
Acq: 27 Nov 2024 20:18

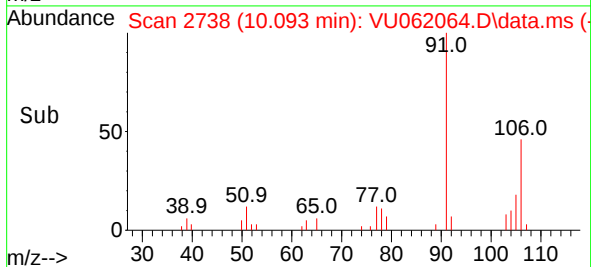
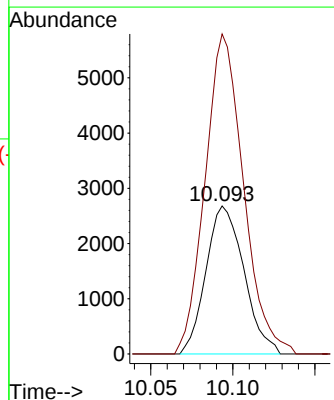
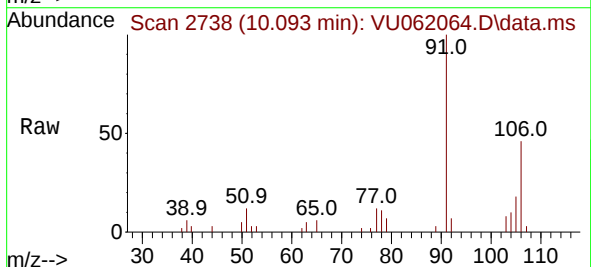
Instrument :
MSVOA_U
ClientSampleId :

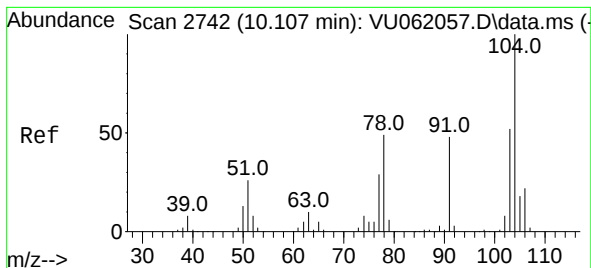
Tgt Ion:106 Resp: 4531
Ion Ratio Lower Upper
106 100
91 226.7 147.9 274.7



#54
o-Xylene
Concen: 2.137 ug/L
RT: 10.093 min Scan# 2738
Delta R.T. 0.003 min
Lab File: VU062064.D
Acq: 27 Nov 2024 20:18

Tgt Ion:106 Resp: 4305
Ion Ratio Lower Upper
106 100
91 216.2 161.0 299.0





#55

Styrene

Concen: 1.954 ug/L

RT: 10.116 min Scan# 21

Delta R.T. 0.009 min

Lab File: VU062064.D

Acq: 27 Nov 2024 20:18

Instrument :

MSVOA_U

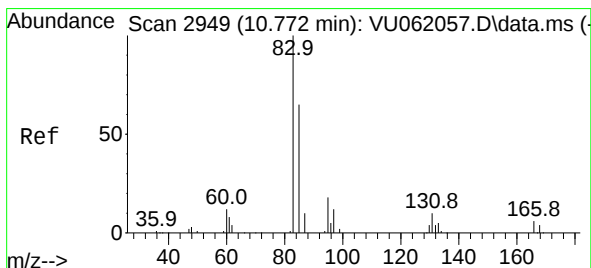
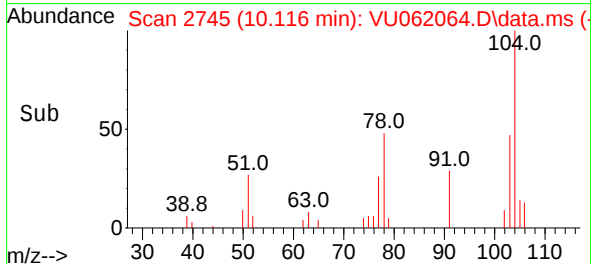
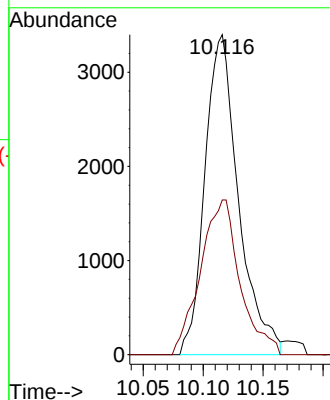
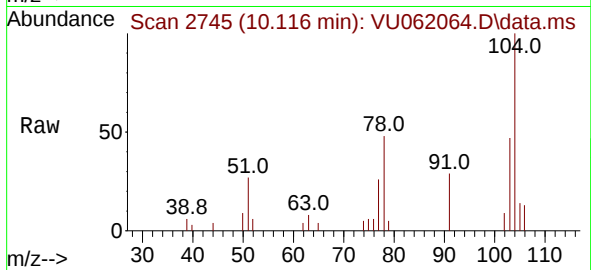
ClientSampleId :

Tgt Ion:104 Resp: 6623

Ion Ratio Lower Upper

104 100

78 48.4 34.5 64.1



#57

1,1,2,2-Tetrachloroethane

Concen: 2.568 ug/L

RT: 10.769 min Scan# 2948

Delta R.T. -0.004 min

Lab File: VU062064.D

Acq: 27 Nov 2024 20:18

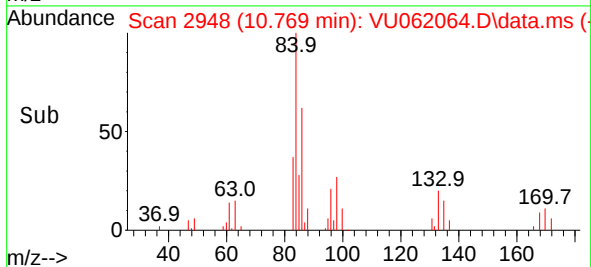
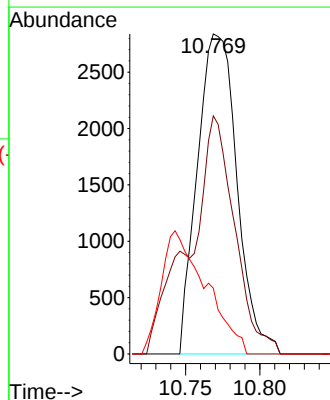
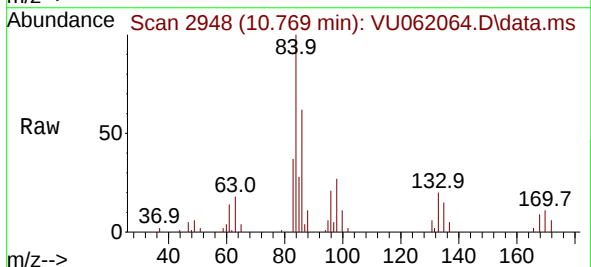
Tgt Ion: 83 Resp: 5277

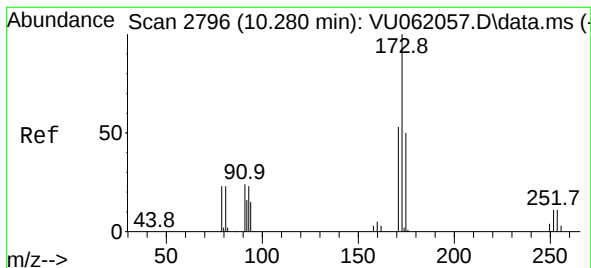
Ion Ratio Lower Upper

83 100

85 74.4 46.5 86.3

131 20.6 8.4 12.6#





#59

Bromoform

Concen: 2.247 ug/L

RT: 10.286 min Scan# 21

Delta R.T. 0.006 min

Lab File: VU062064.D

Acq: 27 Nov 2024 20:18

Instrument :

MSVOA_U

ClientSampleId :

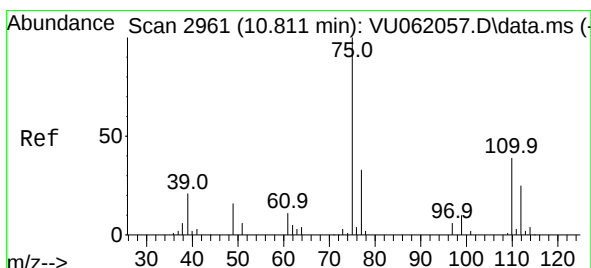
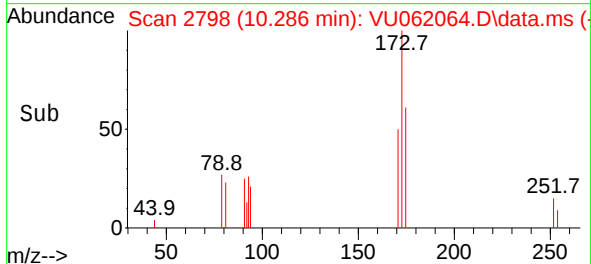
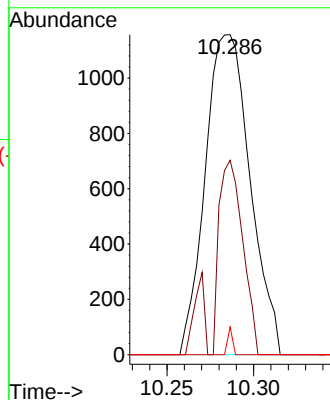
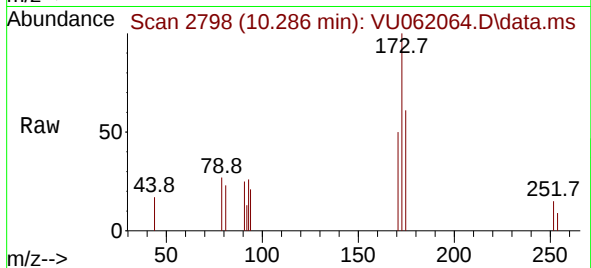
Tgt Ion:173 Resp: 2083

Ion Ratio Lower Upper

173 100

175 32.0 39.2 58.8#

254 0.0 1.7 2.5#



#60

1,2,3-Trichloropropane

Concen: 2.580 ug/L

RT: 10.814 min Scan# 2962

Delta R.T. 0.003 min

Lab File: VU062064.D

Acq: 27 Nov 2024 20:18

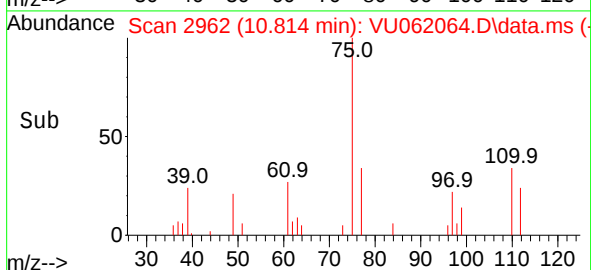
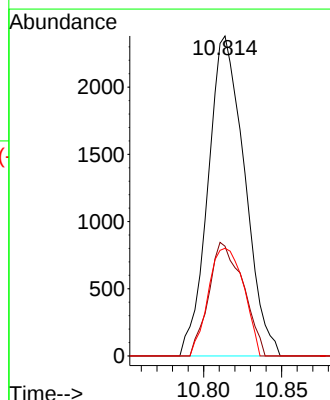
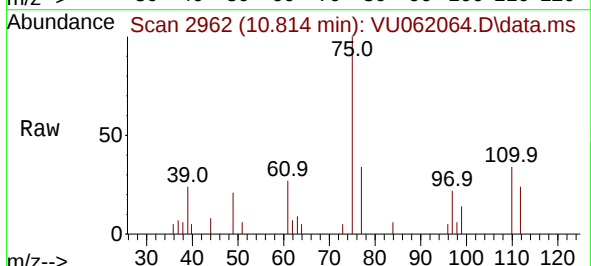
Tgt Ion: 75 Resp: 3878

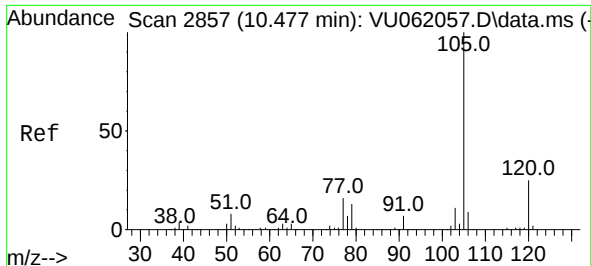
Ion Ratio Lower Upper

75 100

77 33.4 26.2 39.4

110 32.6 30.7 46.1

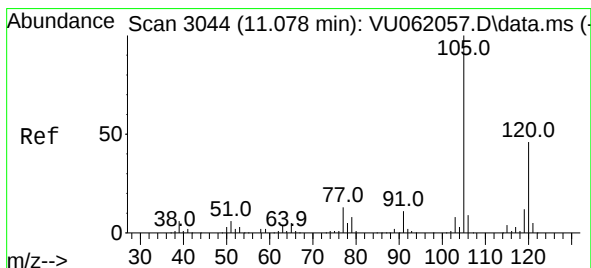
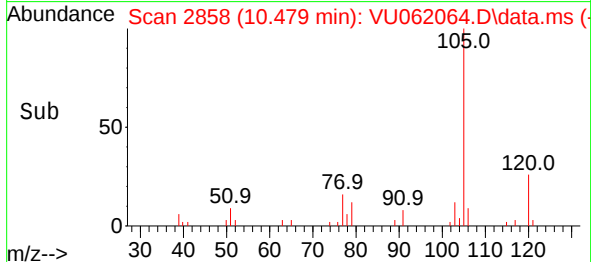
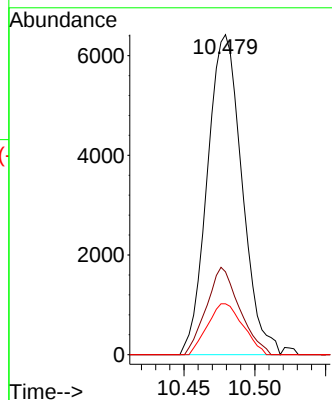
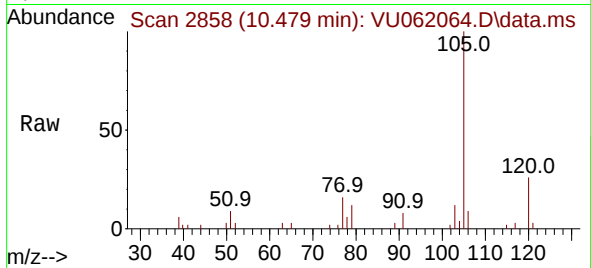




#61
Isopropylbenzene
Concen: 2.204 ug/L
RT: 10.479 min Scan# 2857
Delta R.T. 0.003 min
Lab File: VU062064.D
Acq: 27 Nov 2024 20:18

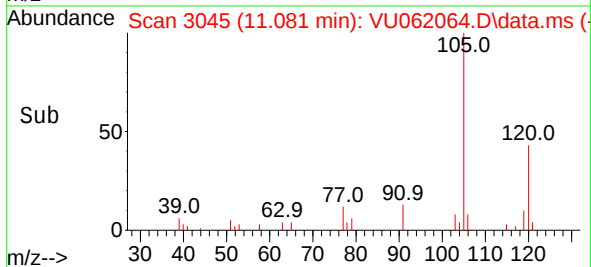
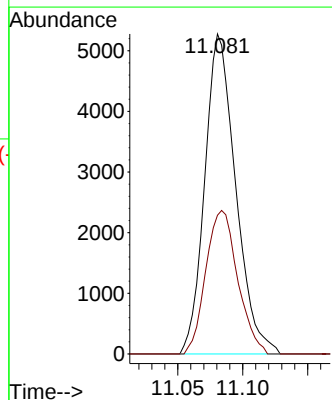
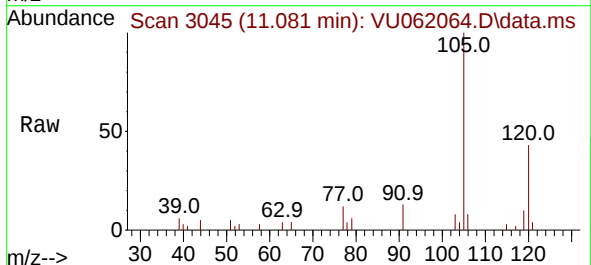
Instrument :
MSVOA_U
ClientSampleId :

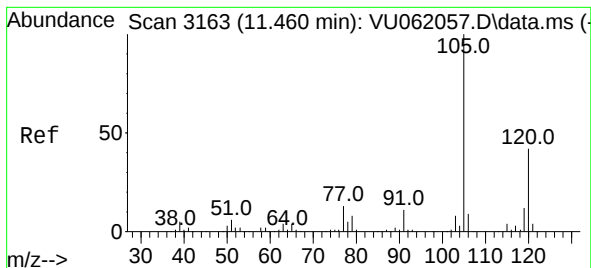
Tgt Ion:105 Resp: 10915
Ion Ratio Lower Upper
105 100
120 26.2 20.0 30.0
77 16.2 13.1 19.7



#62
1,3,5-Trimethylbenzene
Concen: 2.072 ug/L
RT: 11.081 min Scan# 3045
Delta R.T. 0.003 min
Lab File: VU062064.D
Acq: 27 Nov 2024 20:18

Tgt Ion:105 Resp: 8734
Ion Ratio Lower Upper
105 100
120 46.1 37.0 55.6





#63

1,2,4-Trimethylbenzene

Concen: 2.126 ug/L

RT: 11.463 min Scan# 3163

Delta R.T. 0.003 min

Lab File: VU062064.D

Acq: 27 Nov 2024 20:18

Instrument :

MSVOA_U

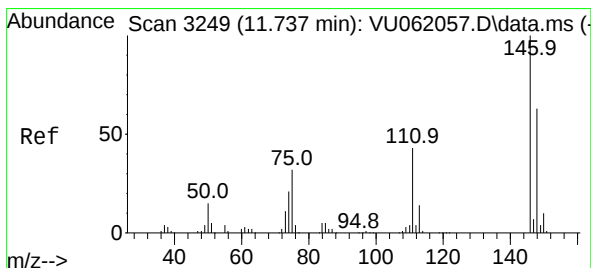
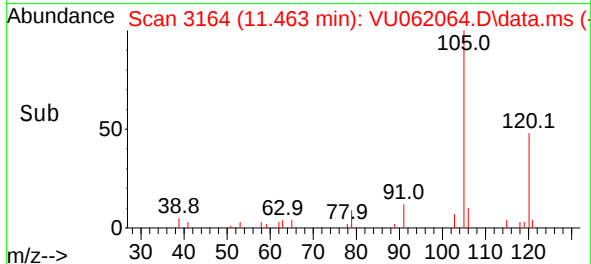
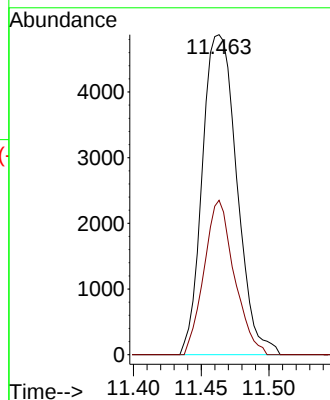
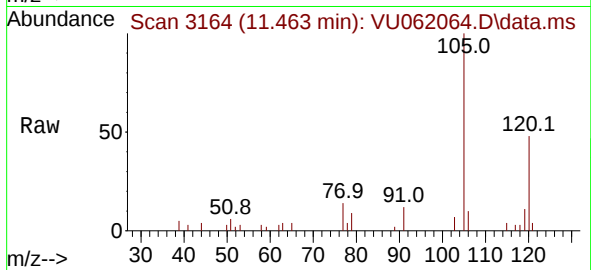
ClientSampleId :

Tgt Ion:105 Resp: 8631

Ion Ratio Lower Upper

105 100

120 42.2 33.8 50.8



#64

1,3-Dichlorobenzene

Concen: 2.456 ug/L

RT: 11.743 min Scan# 3251

Delta R.T. 0.006 min

Lab File: VU062064.D

Acq: 27 Nov 2024 20:18

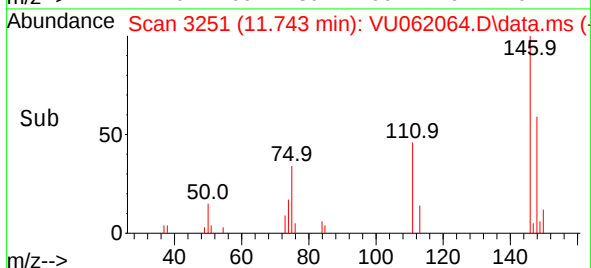
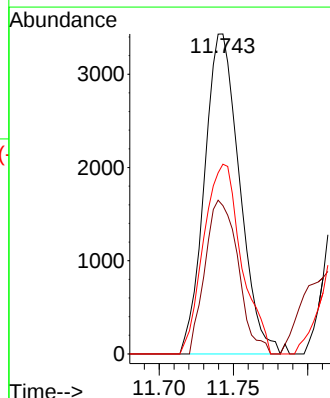
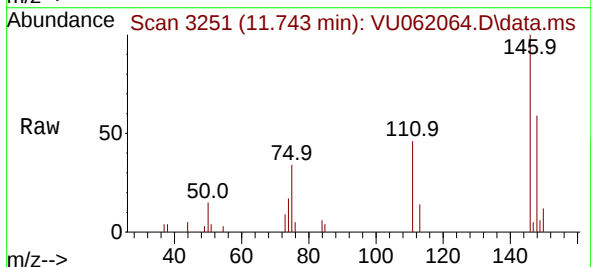
Tgt Ion:146 Resp: 5621

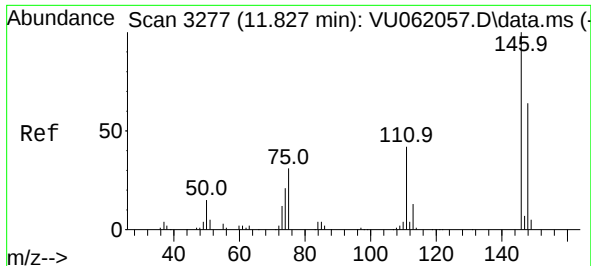
Ion Ratio Lower Upper

146 100

111 44.0 29.8 55.4

148 61.8 44.4 82.5





#65

1,4-Dichlorobenzene

Concen: 2.483 ug/L

RT: 11.830 min Scan# 3277

Delta R.T. 0.003 min

Lab File: VU062064.D

Acq: 27 Nov 2024 20:18

Instrument :

MSVOA_U

ClientSampleId :

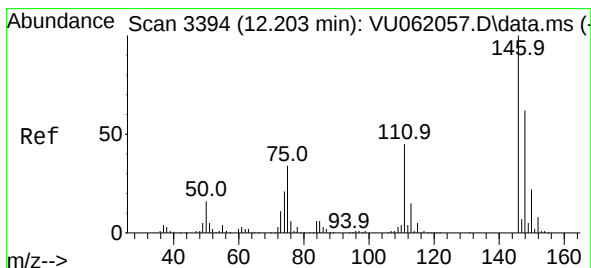
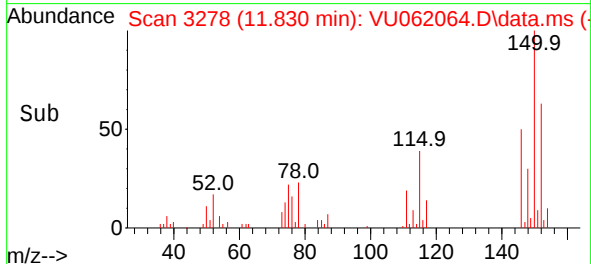
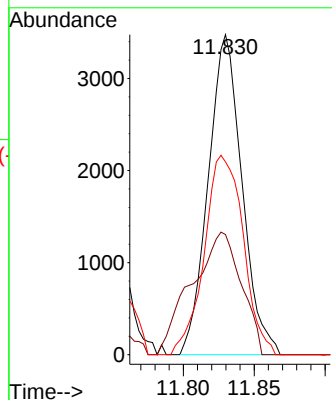
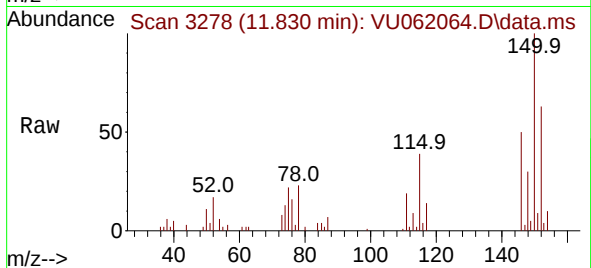
Tgt Ion:146 Resp: 5766

Ion Ratio Lower Upper

146 100

111 41.4 29.4 54.6

148 69.8 44.6 82.8



#67

1,2-Dichlorobenzene

Concen: 2.528 ug/L

RT: 12.203 min Scan# 3394

Delta R.T. -0.000 min

Lab File: VU062064.D

Acq: 27 Nov 2024 20:18

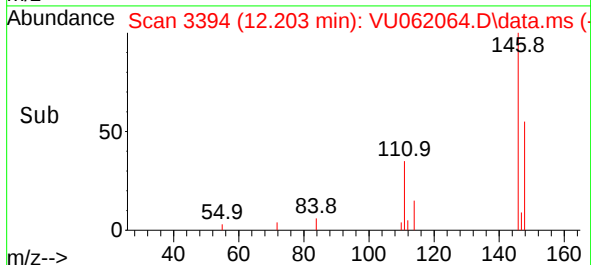
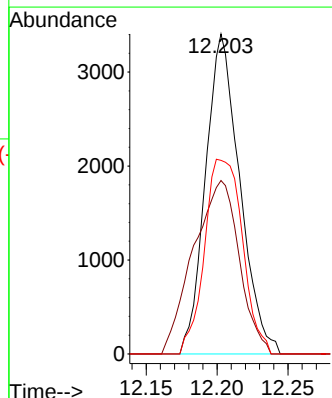
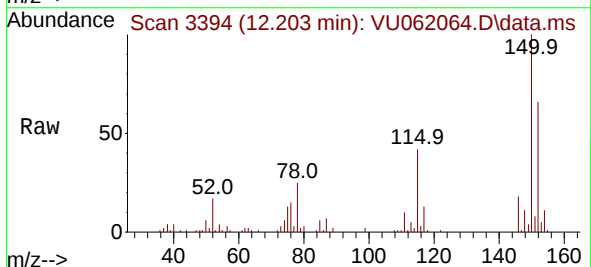
Tgt Ion:146 Resp: 5715

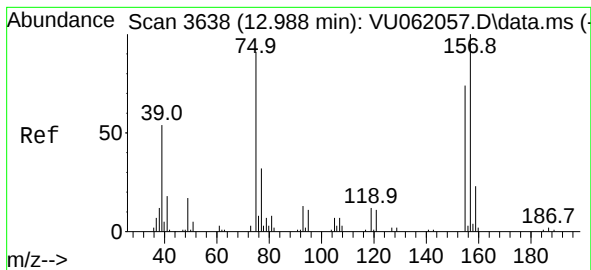
Ion Ratio Lower Upper

146 100

111 50.1 36.1 54.1

148 55.9 49.8 74.6

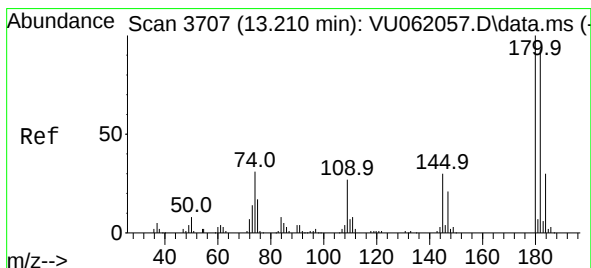
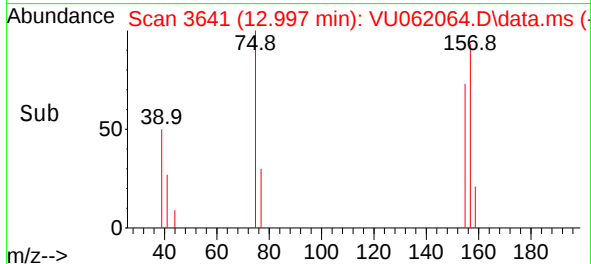
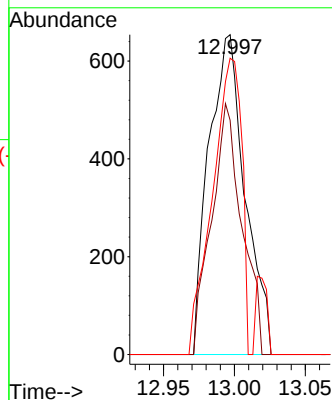
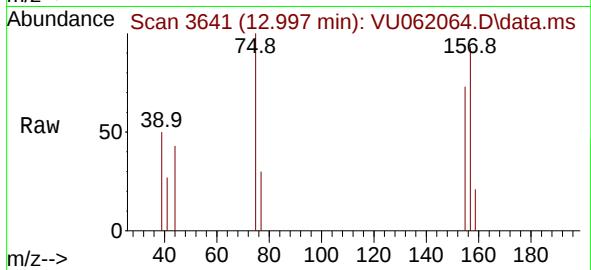




#68
 1,2-Dibromo-3-chloropropane
 Concen: 2.741 ug/L
 RT: 12.997 min Scan# 3641
 Delta R.T. 0.009 min
 Lab File: VU062064.D
 Acq: 27 Nov 2024 20:18

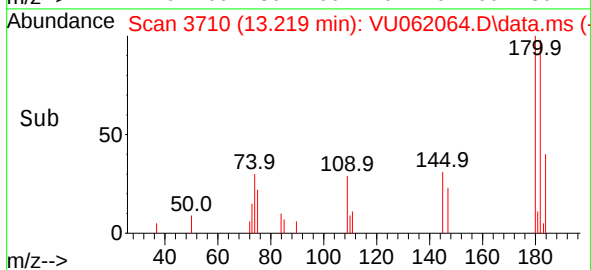
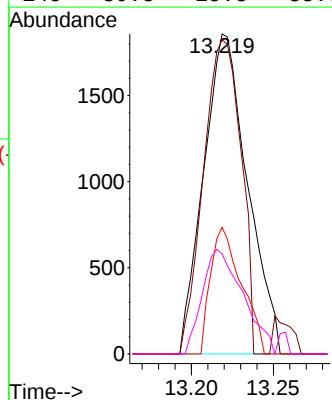
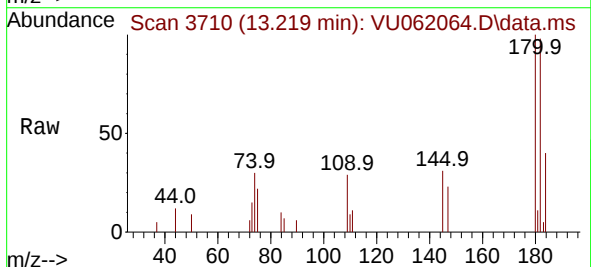
Instrument :
 MSVOA_U
 ClientSampleId :

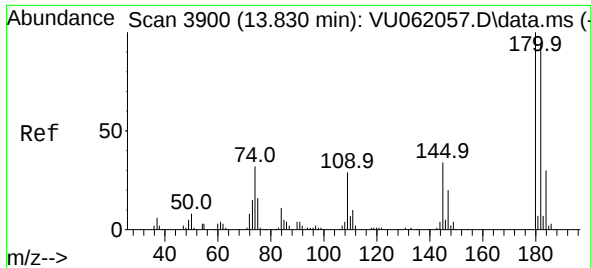
Tgt Ion: 75 Resp: 1161
 Ion Ratio Lower Upper
 75 100
 155 73.2 65.1 97.7
 157 92.7 91.2 136.8



#69
 1,3,5-Trichlorobenzene
 Concen: 2.138 ug/L
 RT: 13.219 min Scan# 3710
 Delta R.T. 0.009 min
 Lab File: VU062064.D
 Acq: 27 Nov 2024 20:18

Tgt Ion:180 Resp: 3444
 Ion Ratio Lower Upper
 180 100
 182 84.1 74.6 112.0
 184 27.9 24.2 36.2
 145 30.3 25.8 38.6





#70

1,2,4-trichlorobenzene

Concen: 2.075 ug/L

RT: 13.839 min Scan# 3900

Delta R.T. 0.009 min

Lab File: VU062064.D

Acq: 27 Nov 2024 20:18

Instrument :

MSVOA_U

ClientSampleId :

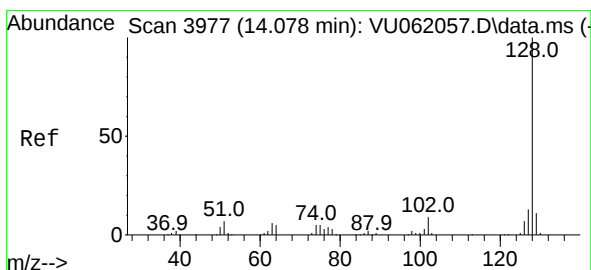
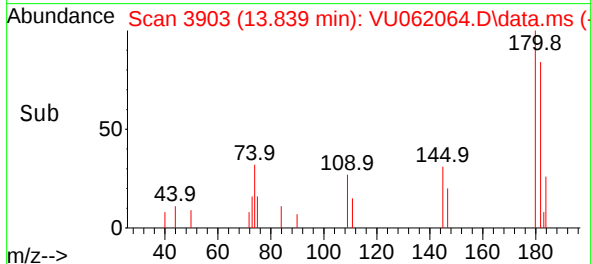
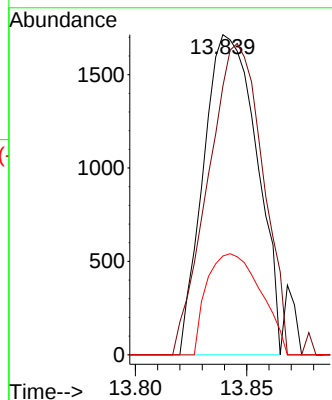
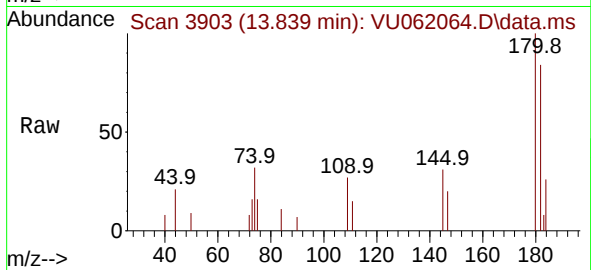
Tgt Ion:180 Resp: 2854

Ion Ratio Lower Upper

180 100

182 99.5 76.6 114.8

145 31.8 27.1 40.7



#71

Naphthalene

Concen: 2.117 ug/L

RT: 14.093 min Scan# 3982

Delta R.T. 0.016 min

Lab File: VU062064.D

Acq: 27 Nov 2024 20:18

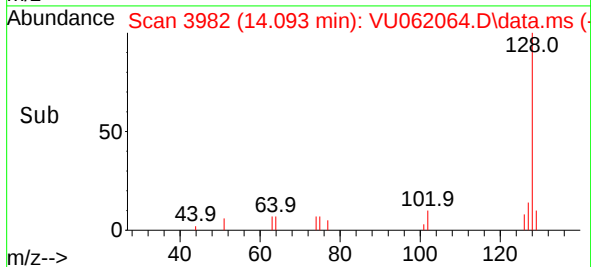
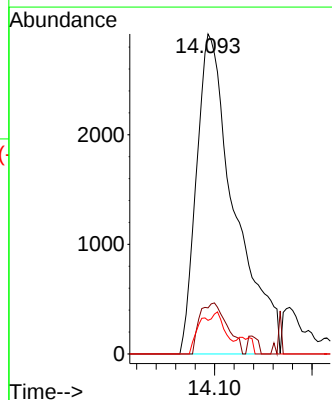
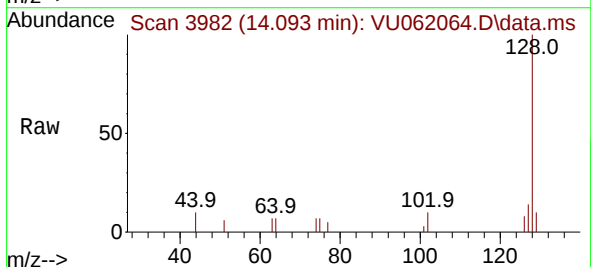
Tgt Ion:128 Resp: 7891

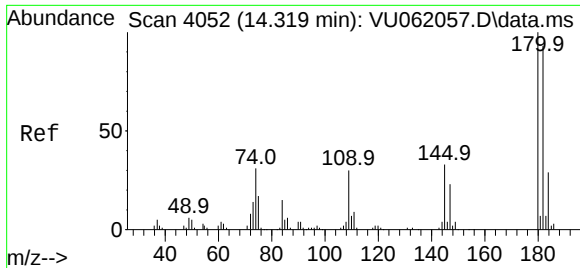
Ion Ratio Lower Upper

128 100

127 4.3 10.3 15.5#

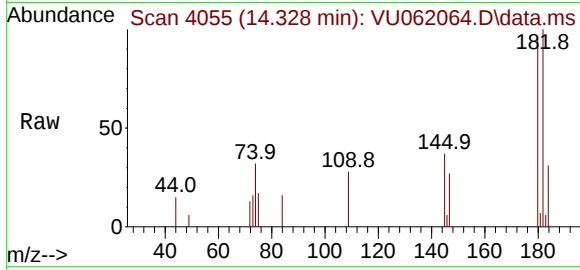
129 3.7 8.5 12.7#





#72
 1,2,3-Trichlorobenzene
 Concen: 2.297 ug/L
 RT: 14.328 min Scan# 4055
 Delta R.T. 0.009 min
 Lab File: VU062064.D
 Acq: 27 Nov 2024 20:18

Instrument :
 MSVOA_U
 ClientSampleId :



Tgt Ion:	180	Resp:	3050
Ion Ratio	Lower	Upper	
180	100		
182	89.8	75.8	113.6
145	29.9	27.4	41.0

