

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU120524\
 Data File : VU062090.D
 Acq On : 05 Dec 2024 09:03
 Operator : MD/SY
 Sample : VSTDCCC050
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Dec 06 00:41:35 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	6.242	114	160680	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.409	117	149538	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	78285	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	55798	50.120	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	100.240%
7) Chloroethane-d5	1.905	69	43221	53.867	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	107.740%
11) 1,1-Dichloroethene-d2	2.564	63	110889	52.534	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	105.060%
21) 2-Butanone-d5	4.615	46	69618	92.023	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	92.020%
24) Chloroform-d	5.052	84	122411	52.682	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	105.360%
26) 1,2-Dichloroethane-d4	5.689	65	79229	53.448	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	106.900%
32) Benzene-d6	5.718	84	229686	53.713	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	107.420%
36) 1,2-Dichloropropane-d6	6.679	67	70762	52.657	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	105.320%
41) Toluene-d8	7.891	98	216009	54.566	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	109.140%
43) trans-1,3-Dichloroprop...	8.171	79	38227	56.920	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	113.840%
47) 2-Hexanone-d5	8.625	63	47959	94.741	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	94.740%
56) 1,1,2,2-Tetrachloroeth...	10.747	84	102761	52.547	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	105.100%
66) 1,2-Dichlorobenzene-d4	12.184	152	82620	53.647	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	107.300%
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.380	85	86816	56.586	ug/L	99
3) Chloromethane	1.515	50	68430	54.126	ug/L	100
5) Vinyl chloride	1.602	62	69046	52.954	ug/L	99
6) Bromomethane	1.843	94	40949	57.177	ug/L	99
8) Chloroethane	1.924	64	39875	53.090	ug/L	95
9) Trichlorofluoromethane	2.133	101	110265	55.315	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.573	101	61742	55.243	ug/L	98
12) 1,1-Dichloroethene	2.573	96	54351	53.466	ug/L	95
13) Acetone	2.618	43	103366	114.097	ug/L	98
14) Carbon disulfide	2.786	76	168330	55.046	ug/L	99
15) Methyl Acetate	2.943	43	56051	50.166	ug/L	95
16) Methylene chloride	3.036	84	62234	53.696	ug/L	98
17) trans-1,2-Dichloroethene	3.345	96	56711	54.267	ug/L	98
18) Methyl tert-butyl Ether	3.351	73	188506	53.522	ug/L	99
19) 1,1-Dichloroethane	3.859	63	106447	53.157	ug/L	99
20) cis-1,2-Dichloroethene	4.657	96	62957	52.890	ug/L	98
22) 2-Butanone	4.692	43	104177	106.617	ug/L	98
23) Bromochloromethane	4.965	128	33279	53.757	ug/L	98
25) Chloroform	5.078	83	118638	54.589	ug/L	99

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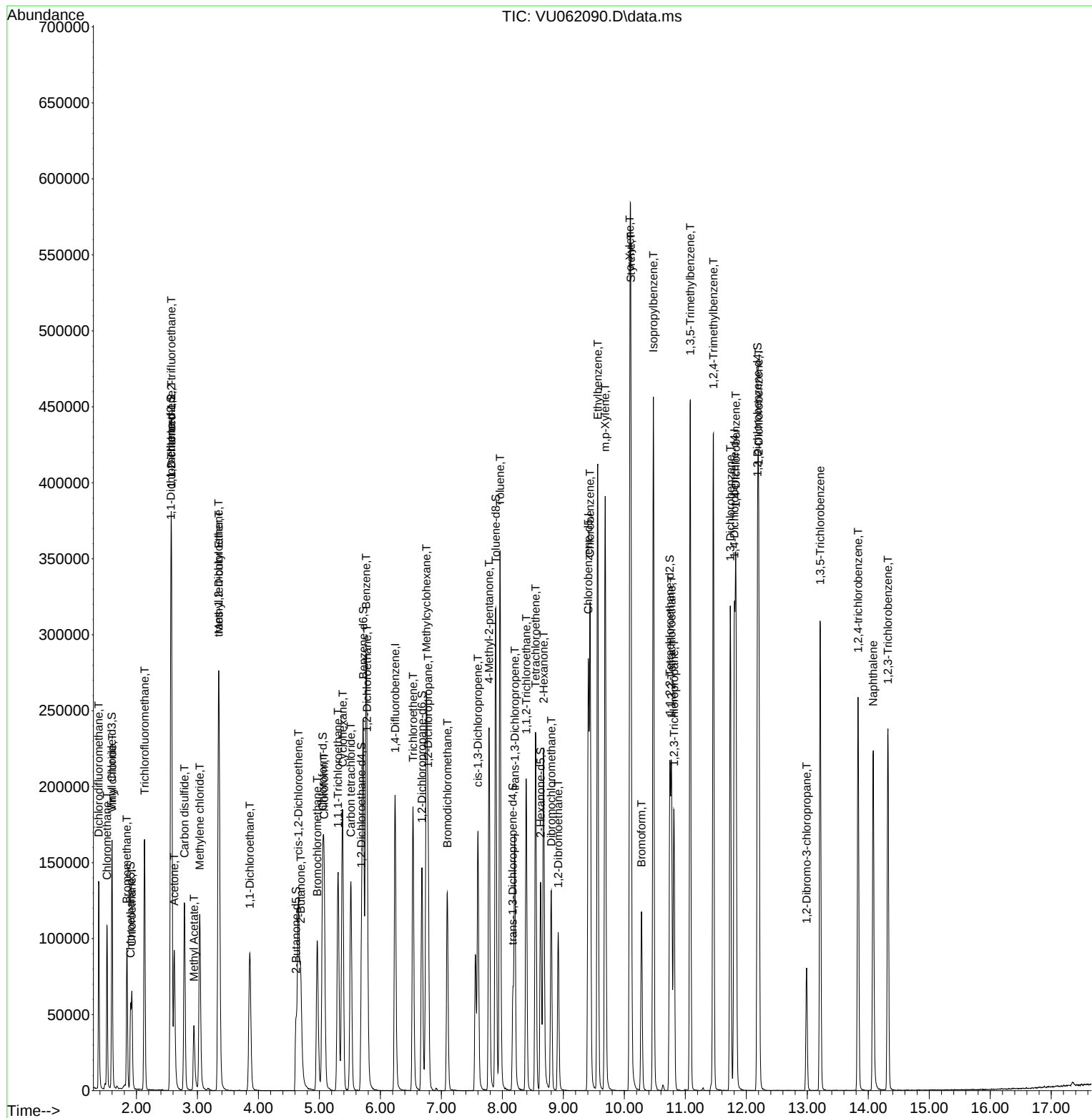
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.782	62	92844	53.488	ug/L	99
29) Cyclohexane	5.380	56	94045	55.053	ug/L	99
30) 1,1,1-Trichloroethane	5.306	97	108947	56.323	ug/L	99
31) Carbon tetrachloride	5.515	117	98457	56.957	ug/L	99
33) Benzene	5.766	78	246173	55.324	ug/L	100
34) Trichloroethene	6.535	95	66894	55.056	ug/L	98
35) Methylcyclohexane	6.753	83	102643	55.727	ug/L	99
37) 1,2-Dichloropropane	6.782	63	62564	53.136	ug/L	99
38) Bromodichloromethane	7.097	83	87782	55.333	ug/L	98
39) cis-1,3-Dichloropropene	7.599	75	106317	55.919	ug/L	99
40) 4-Methyl-2-pentanone	7.782	43	145730	99.079	ug/L	100
42) Toluene	7.962	91	264185	55.537	ug/L	99
44) trans-1,3-Dichloropropene	8.203	75	100448	57.134	ug/L	100
45) 1,1,2-Trichloroethane	8.390	97	63489	54.333	ug/L	99
46) Tetrachloroethene	8.544	164	52260	56.605	ug/L	98
48) 2-Hexanone	8.676	43	129922	104.783	ug/L	98
49) Dibromochloromethane	8.801	129	69847	57.205	ug/L	98
50) 1,2-Dibromoethane	8.914	107	68833	54.227	ug/L	99
51) Chlorobenzene	9.438	112	166837	55.520	ug/L	99
52) Ethylbenzene	9.563	91	293982	56.257	ug/L	99
53) m,p-Xylene	9.686	106	110336	57.100	ug/L	95
54) o-Xylene	10.091	106	107502	56.868	ug/L	100
55) Styrene	10.107	104	183030	57.545	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.772	83	101572	52.672	ug/L	99
59) Bromoform	10.280	173	52633	53.332	ug/L #	99
60) 1,2,3-Trichloropropane	10.814	75	81028	50.650	ug/L	98
61) Isopropylbenzene	10.477	105	291786	55.359	ug/L	99
62) 1,3,5-Trimethylbenzene	11.081	105	249759	55.656	ug/L	99
63) 1,2,4-Trimethylbenzene	11.460	105	244163	56.507	ug/L	99
64) 1,3-Dichlorobenzene	11.737	146	131480	53.982	ug/L	99
65) 1,4-Dichlorobenzene	11.827	146	133051	53.821	ug/L	99
67) 1,2-Dichlorobenzene	12.203	146	131488	54.654	ug/L	97
68) 1,2-Dibromo-3-chloropr...	12.988	75	23256	51.582	ug/L	93
69) 1,3,5-Trichlorobenzene	13.213	180	96741	56.418	ug/L	99
70) 1,2,4-trichlorobenzene	13.833	180	78294	53.481	ug/L	99
71) Naphthalene	14.081	128	189538	47.783	ug/L	100
72) 1,2,3-Trichlorobenzene	14.322	180	73184	51.786	ug/L	99

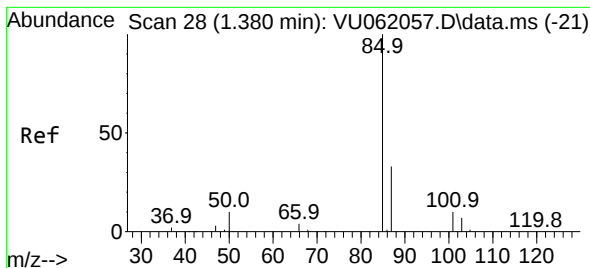
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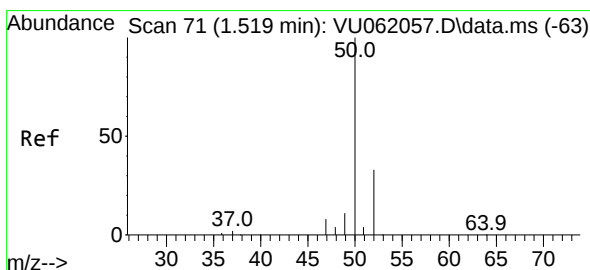
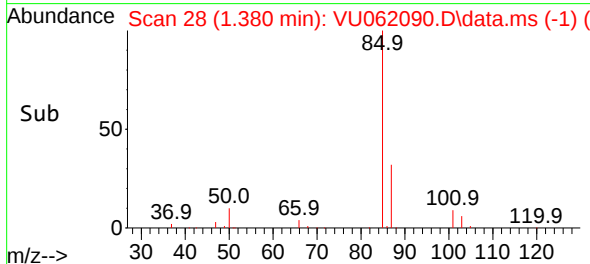
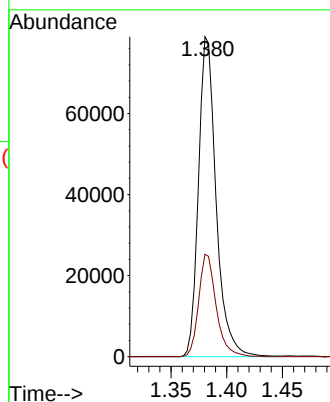
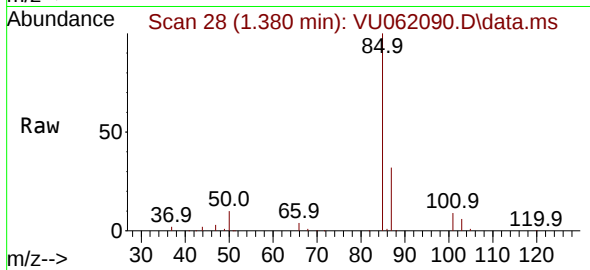




#2
 Dichlorodifluoromethane
 Concen: 56.586 ug/L
 RT: 1.380 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VU062090.D
 Acq: 05 Dec 2024 09:03

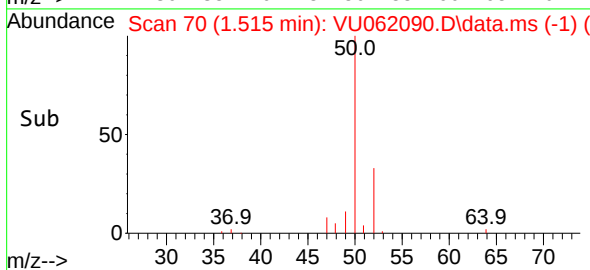
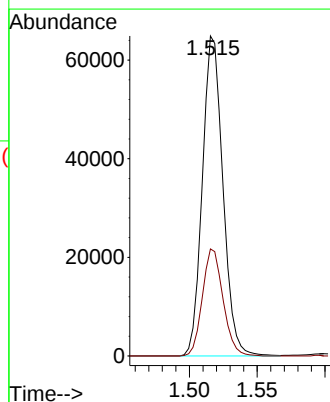
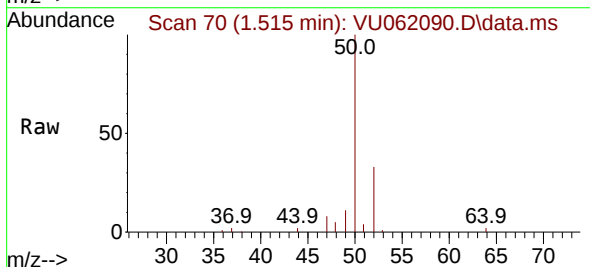
Instrument :
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 ClientSampleId :

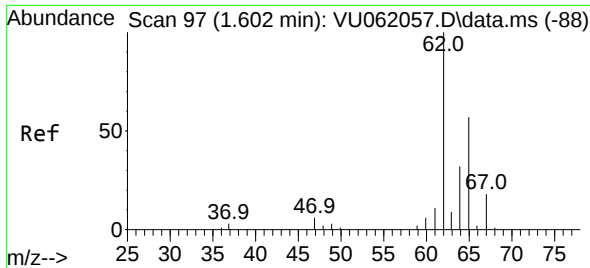
Tgt Ion: 85 Resp: 86816
 Ion Ratio Lower Upper
 85 100
 87 31.8 26.0 39.0



#3
 Chloromethane
 Concen: 54.126 ug/L
 RT: 1.515 min Scan# 70
 Delta R.T. -0.003 min
 Lab File: VU062090.D
 Acq: 05 Dec 2024 09:03

Tgt Ion: 50 Resp: 68430
 Ion Ratio Lower Upper
 50 100
 52 33.5 23.3 43.3

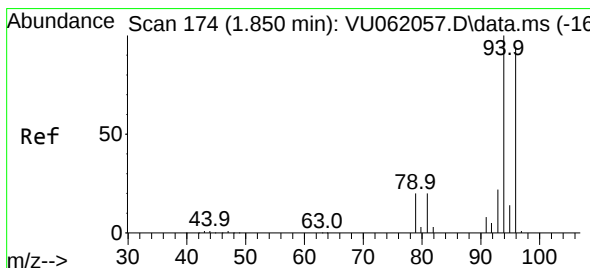
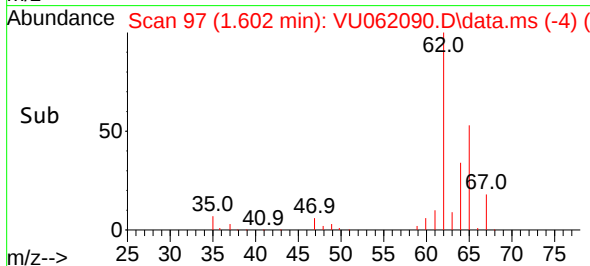
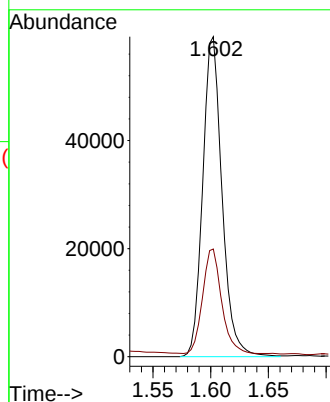
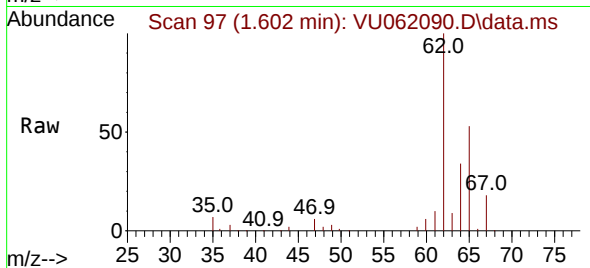




#5
 Vinyl chloride
 Concen: 52.954 ug/L
 RT: 1.602 min Scan# 91
 Delta R.T. 0.000 min
 Lab File: VU062090.D
 Acq: 05 Dec 2024 09:03

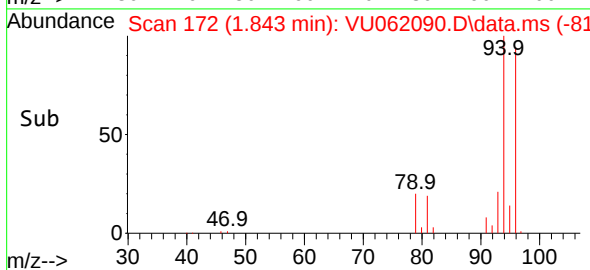
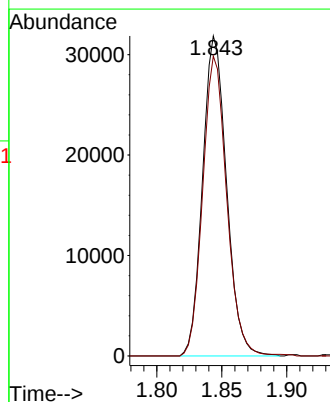
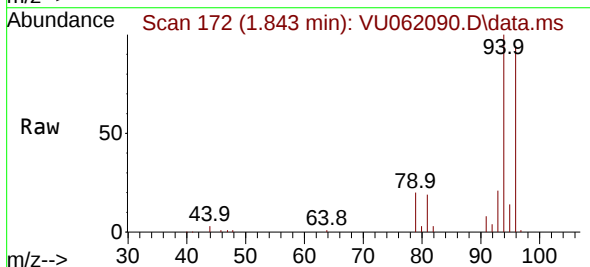
Instrument :
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 ClientSampleId :

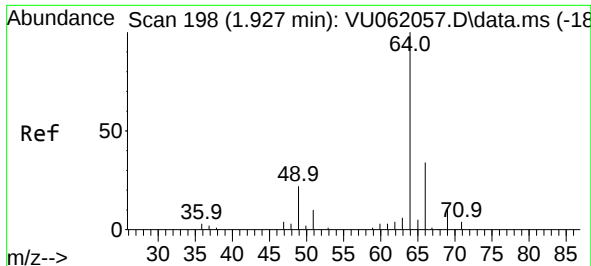
Tgt Ion: 62 Resp: 69046
 Ion Ratio Lower Upper
 62 100
 64 33.6 23.0 42.8



#6
 Bromomethane
 Concen: 57.177 ug/L
 RT: 1.843 min Scan# 172
 Delta R.T. -0.006 min
 Lab File: VU062090.D
 Acq: 05 Dec 2024 09:03

Tgt Ion: 94 Resp: 40949
 Ion Ratio Lower Upper
 94 100
 96 93.7 66.0 122.6

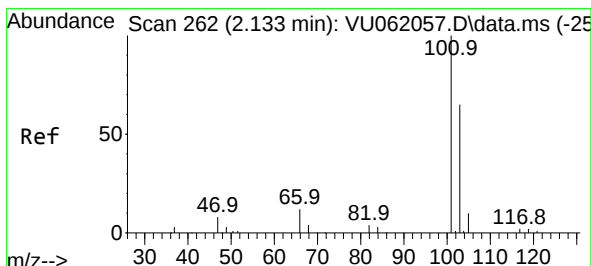
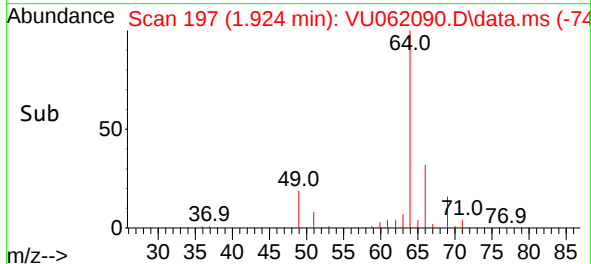
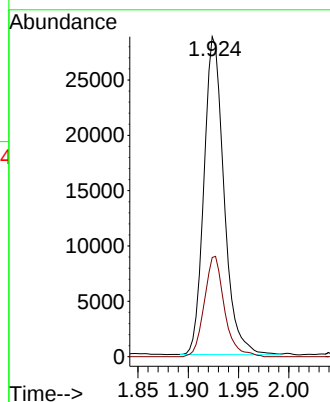
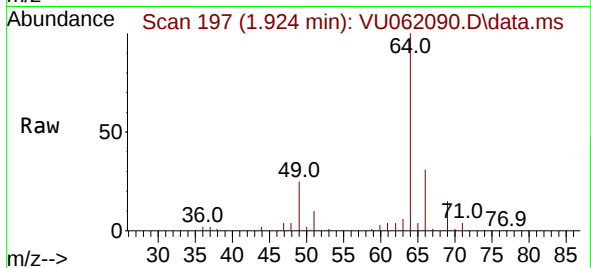




#8
Chloroethane
Concen: 53.090 ug/L
RT: 1.924 min Scan# 198
Delta R.T. -0.003 min
Lab File: VU062090.D
Acq: 05 Dec 2024 09:03

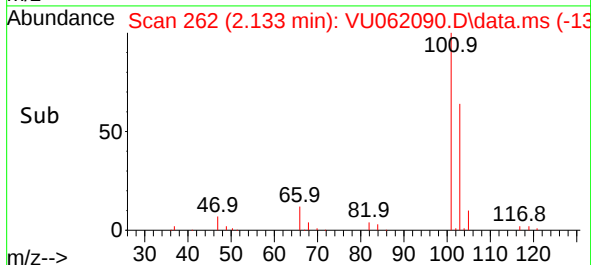
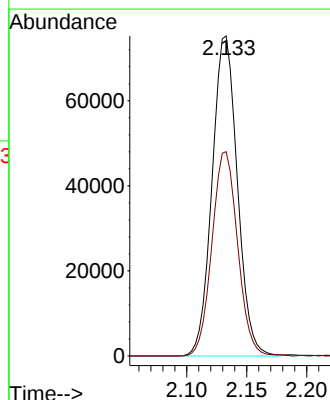
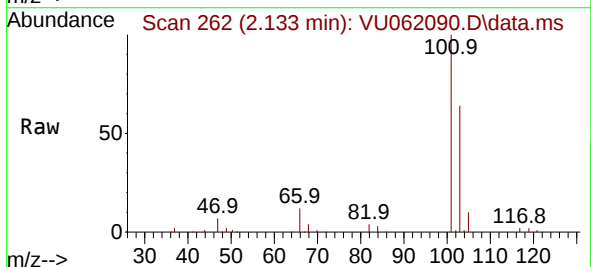
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MSVOA_U
ClientSampleId :

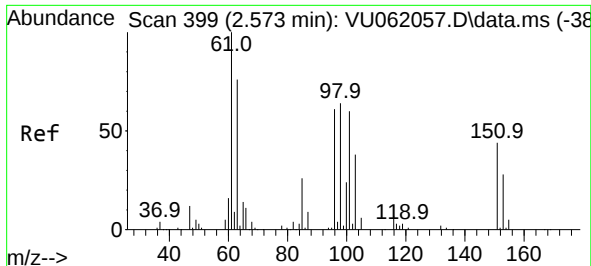
Tgt Ion: 64 Resp: 39875
Ion Ratio Lower Upper
64 100
66 31.0 23.7 44.1



#9
Trichlorofluoromethane
Concen: 55.315 ug/L
RT: 2.133 min Scan# 262
Delta R.T. 0.000 min
Lab File: VU062090.D
Acq: 05 Dec 2024 09:03

Tgt Ion:101 Resp: 110265
Ion Ratio Lower Upper
101 100
103 64.8 52.9 79.3

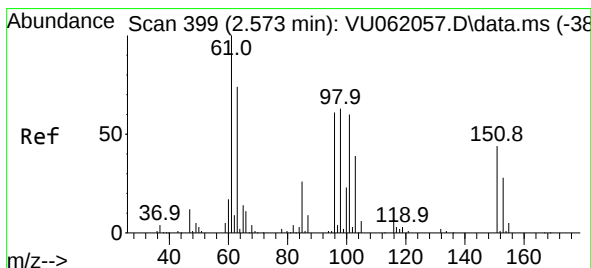
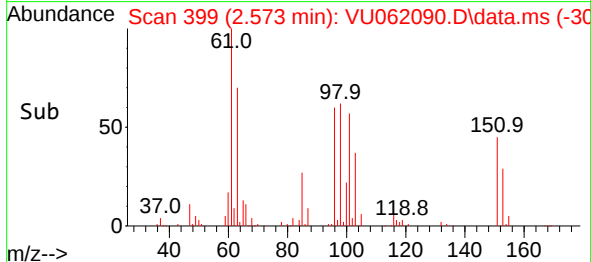
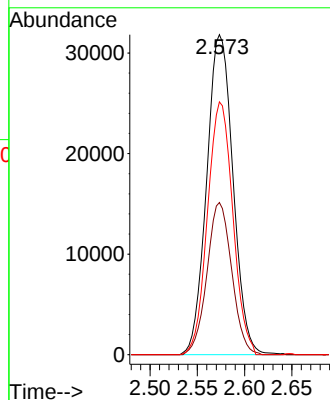
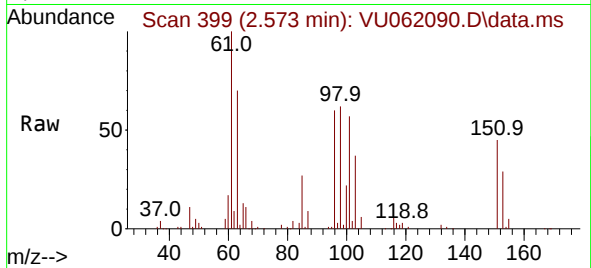




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 55.243 ug/L
 RT: 2.573 min Scan# 399
 Delta R.T. 0.000 min
 Lab File: VU062090.D
 Acq: 05 Dec 2024 09:03

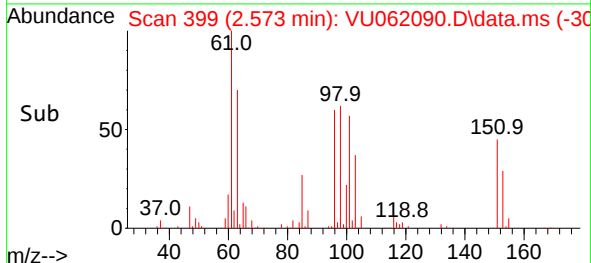
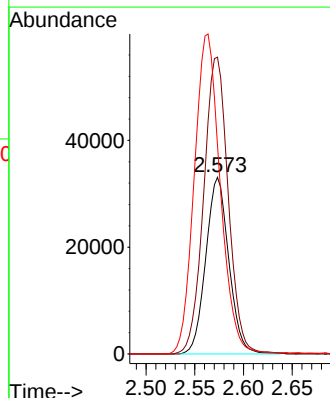
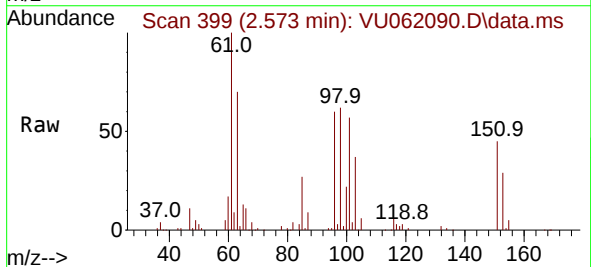
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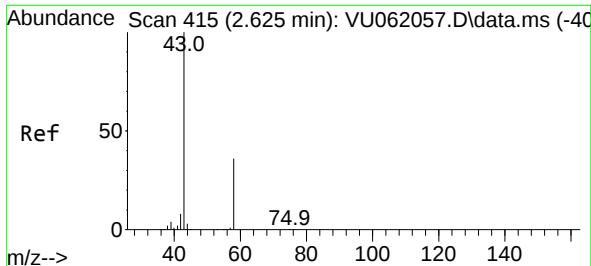
Tgt Ion:101 Resp: 61742
 Ion Ratio Lower Upper
 101 100
 85 44.6 34.7 52.1
 151 75.9 59.0 88.4



#12
 1,1-Dichloroethene
 Concen: 53.466 ug/L
 RT: 2.573 min Scan# 399
 Delta R.T. 0.000 min
 Lab File: VU062090.D
 Acq: 05 Dec 2024 09:03

Tgt Ion: 96 Resp: 54351
 Ion Ratio Lower Upper
 96 100
 61 168.0 115.2 214.0
 63 118.2 89.3 165.9





#13

Acetone

Concen: 114.097 ug/L

RT: 2.618 min Scan# 41

Delta R.T. -0.006 min

Lab File: VU062090.D

Acq: 05 Dec 2024 09:03

Instrument :

MSVOA_U

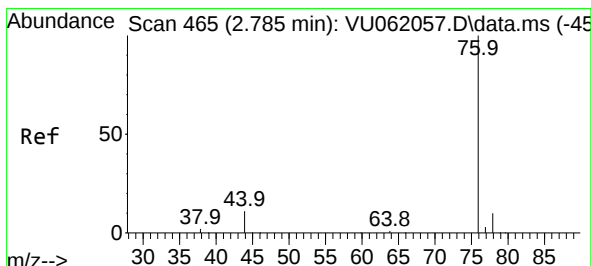
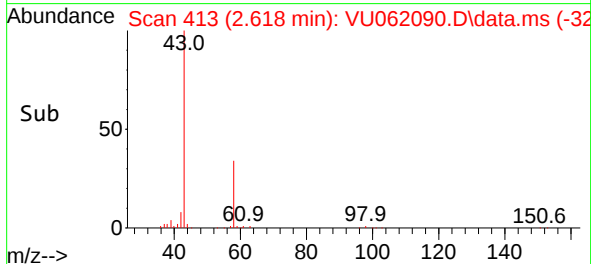
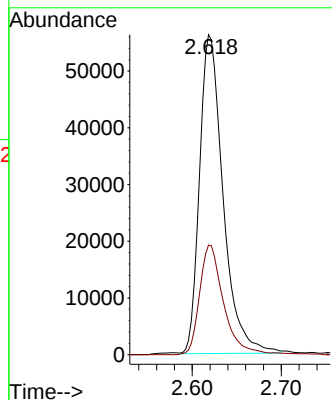
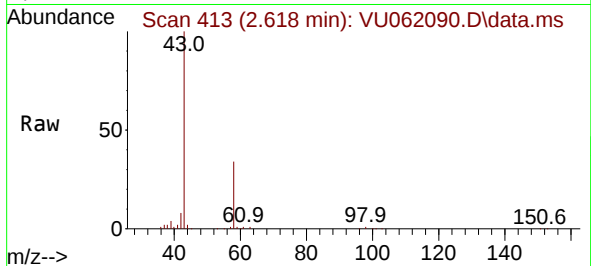
ClientSampleId :

Tgt Ion: 43 Resp: 103366

Ion Ratio Lower Upper

43 100

58 34.7 0.0 72.4



#14

Carbon disulfide

Concen: 55.046 ug/L

RT: 2.786 min Scan# 465

Delta R.T. 0.000 min

Lab File: VU062090.D

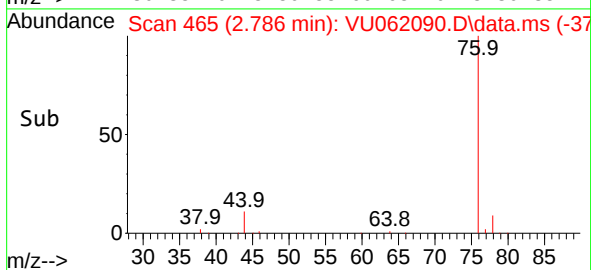
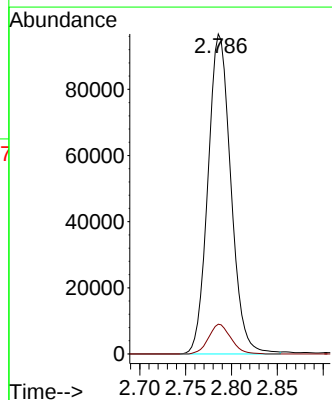
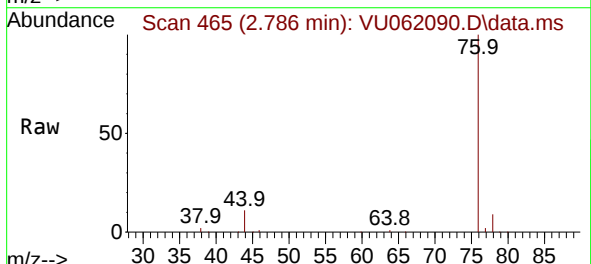
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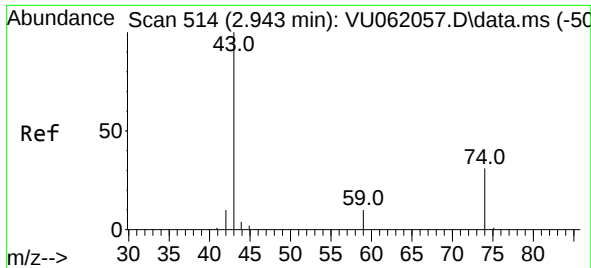
Tgt Ion: 76 Resp: 168330

Ion Ratio Lower Upper

76 100

78 9.3 7.8 11.6

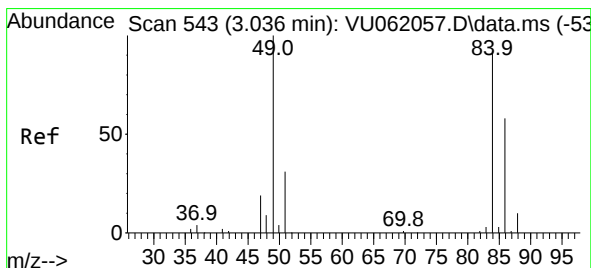
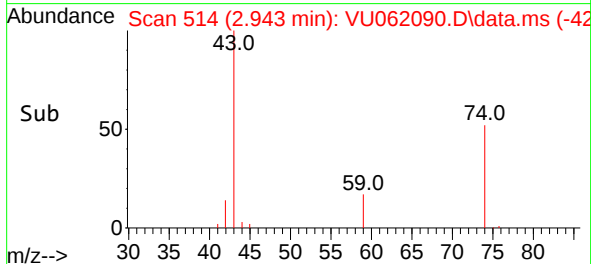
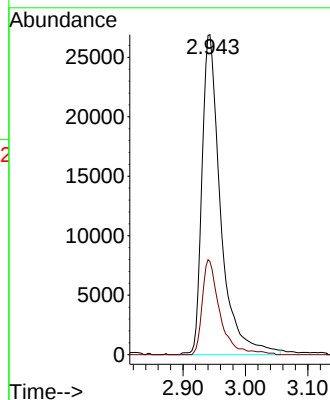
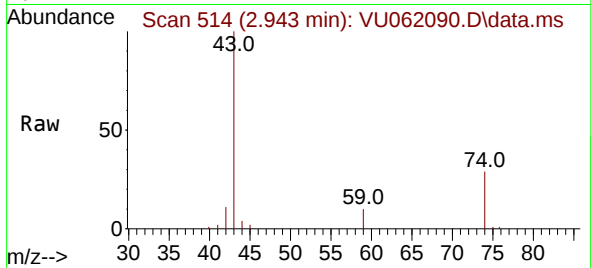




#15
Methyl Acetate
Concen: 50.166 ug/L
RT: 2.943 min Scan# 514
Delta R.T. 0.000 min
Lab File: VU062090.D
Acq: 05 Dec 2024 09:03

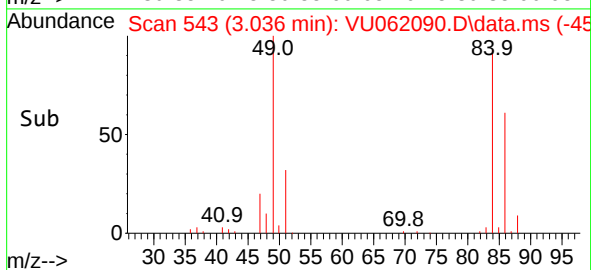
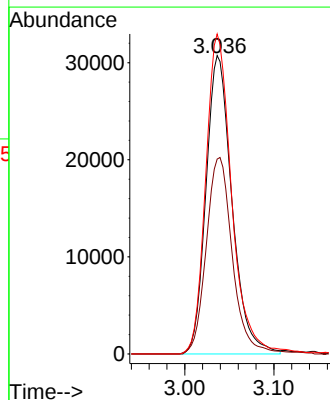
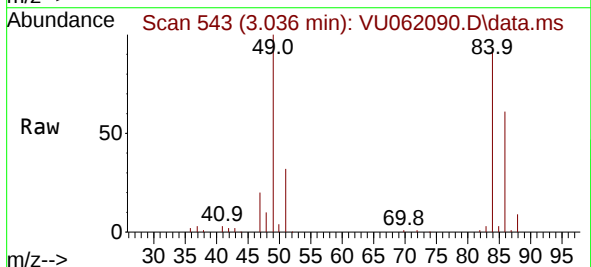
Instrument :
MSVOA_U
ClientSampleId :

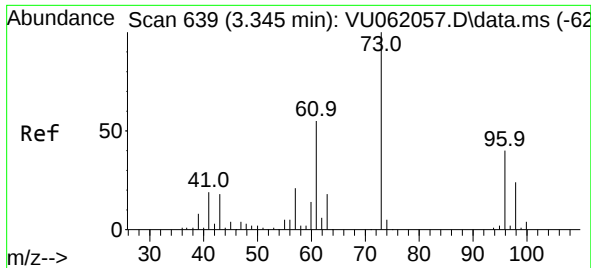
Tgt Ion: 43 Resp: 56051
Ion Ratio Lower Upper
43 100
74 26.5 23.4 35.2



#16
Methylene chloride
Concen: 53.696 ug/L
RT: 3.036 min Scan# 543
Delta R.T. 0.000 min
Lab File: VU062090.D
Acq: 05 Dec 2024 09:03

Tgt Ion: 84 Resp: 62234
Ion Ratio Lower Upper
84 100
86 65.3 44.4 82.4
49 107.3 75.9 141.1



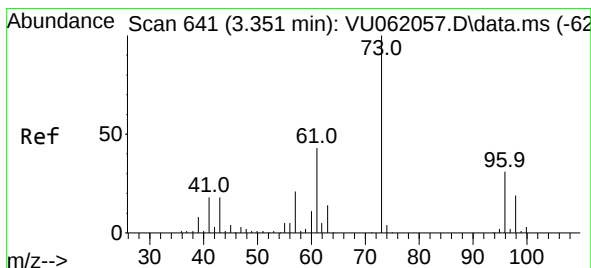
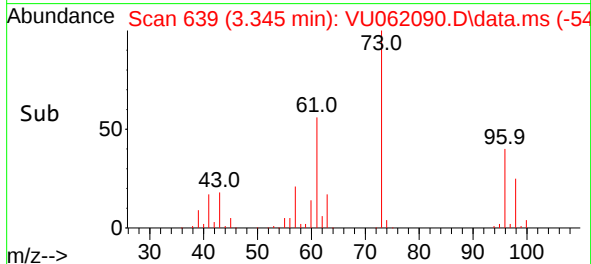
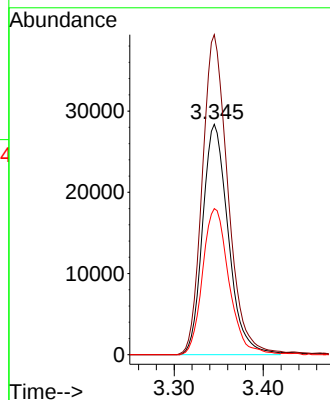
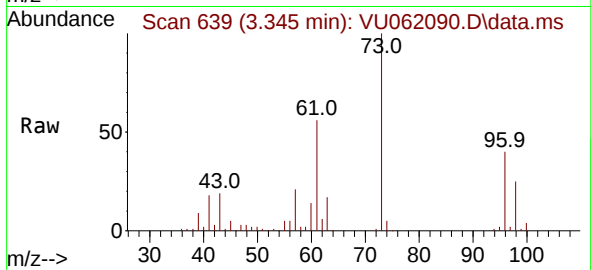


#17
 trans-1,2-Dichloroethene
 Concen: 54.267 ug/L
 RT: 3.345 min Scan# 61
 Delta R.T. 0.000 min
 Lab File: VU062090.D
 Acq: 05 Dec 2024 09:03

Instrument :
 MSVOA_U
 ClientSampleId :

Tgt Ion: 96 Resp: 56711

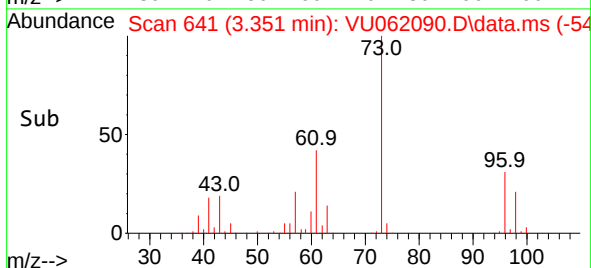
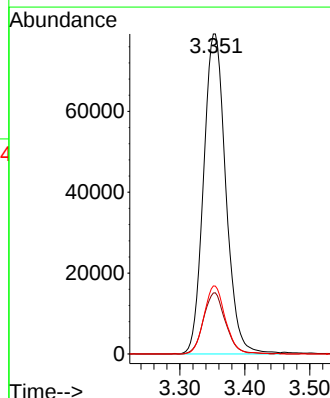
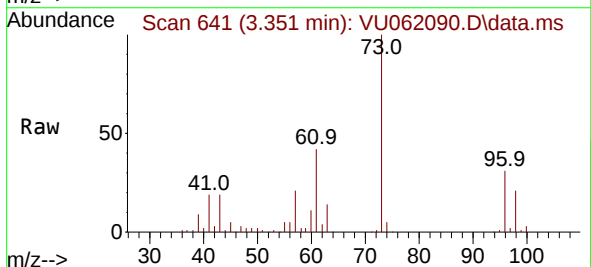
Ion	Ratio	Lower	Upper
96	100		
61	138.9	96.2	178.6
98	63.4	42.7	79.3

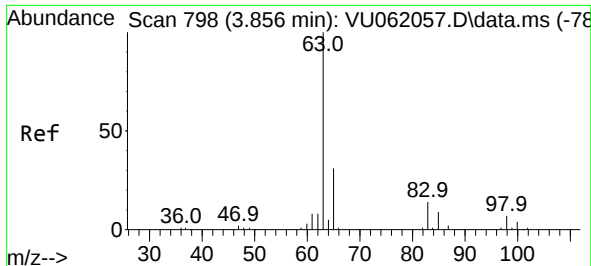


#18
 Methyl tert-butyl Ether
 Concen: 53.522 ug/L
 RT: 3.351 min Scan# 641
 Delta R.T. 0.000 min
 Lab File: VU062090.D
 Acq: 05 Dec 2024 09:03

Tgt Ion: 73 Resp: 188506

Ion	Ratio	Lower	Upper
73	100		
43	19.0	14.7	22.1
57	20.3	16.4	24.6





#19

1,1-Dichloroethane

Concen: 53.157 ug/L

RT: 3.859 min Scan# 798

Delta R.T. 0.003 min

Lab File: VU062090.D

Acq: 05 Dec 2024 09:03

Instrument :

MSVOA_U

ClientSampleId :

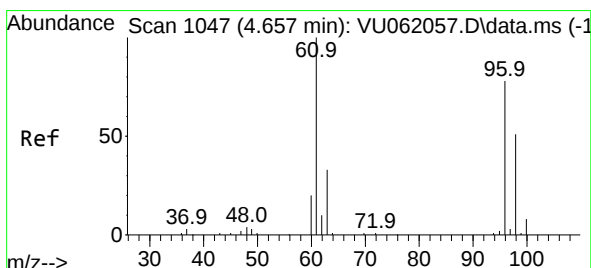
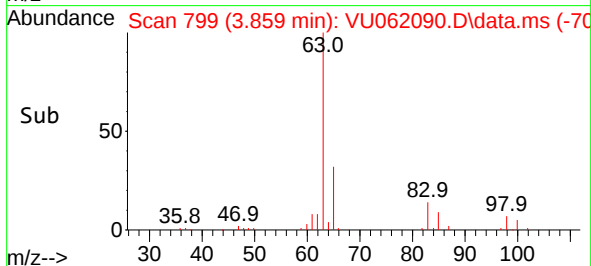
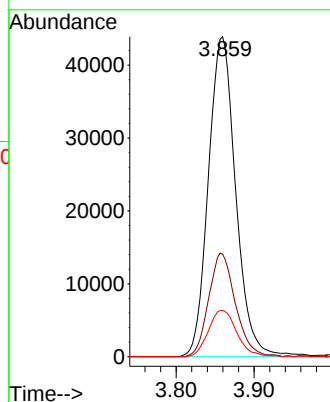
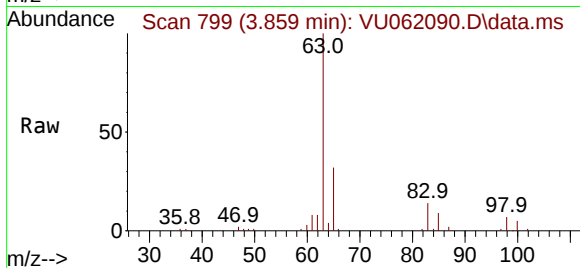
Tgt Ion: 63 Resp: 106447

Ion Ratio Lower Upper

63 100

65 32.0 21.7 40.3

83 14.4 10.0 18.6



#20

cis-1,2-Dichloroethene

Concen: 52.890 ug/L

RT: 4.657 min Scan# 1047

Delta R.T. 0.000 min

Lab File: VU062090.D

Acq: 05 Dec 2024 09:03

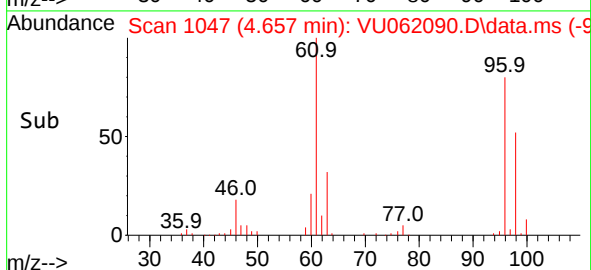
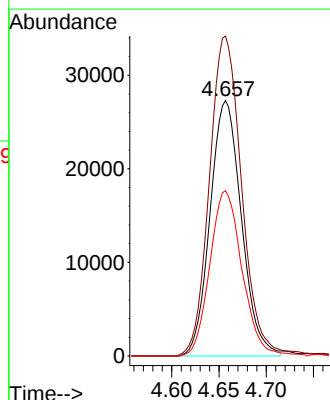
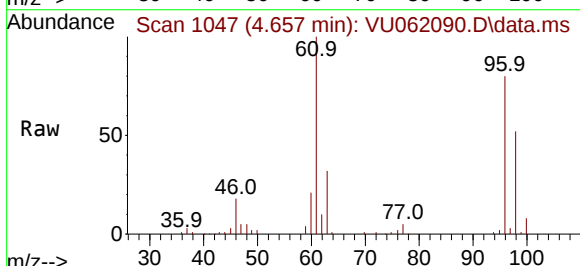
Tgt Ion: 96 Resp: 62957

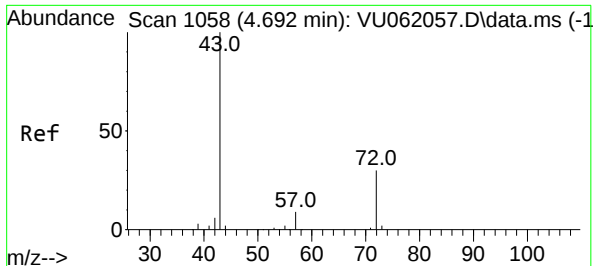
Ion Ratio Lower Upper

96 100

61 125.3 90.1 167.3

98 64.8 45.3 84.1

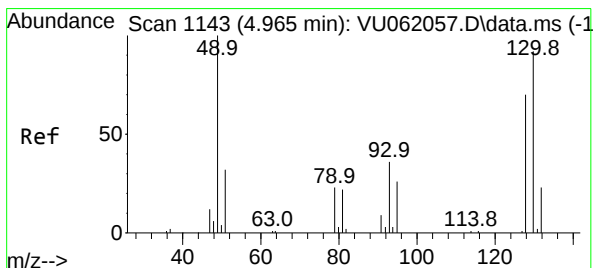
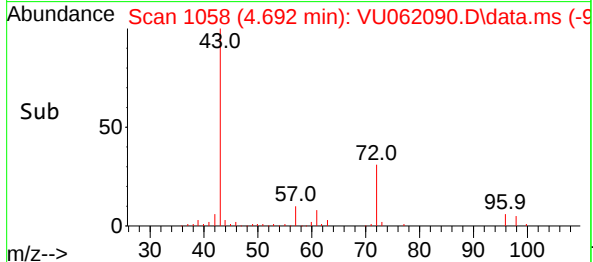
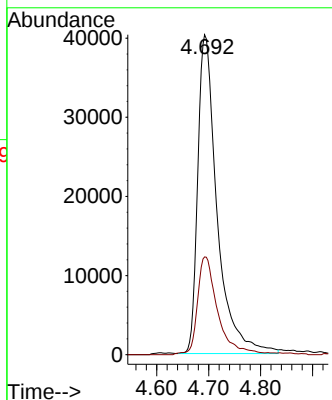
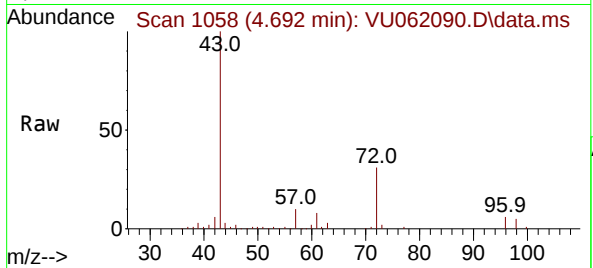




#22
2-Butanone
Concen: 106.617 ug/L
RT: 4.692 min Scan# 1058
Delta R.T. 0.000 min
Lab File: VU062090.D
Acq: 05 Dec 2024 09:03

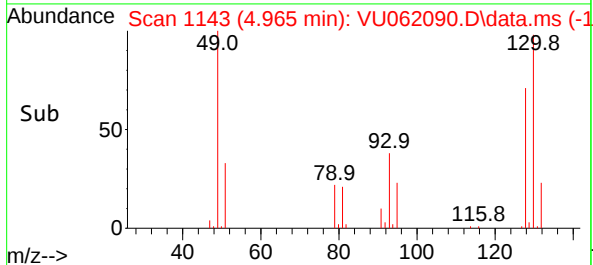
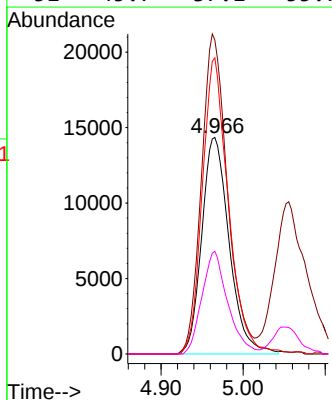
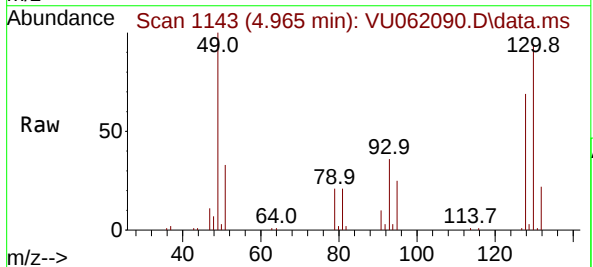
Instrument :
MSVOA_U
ClientSampleId :

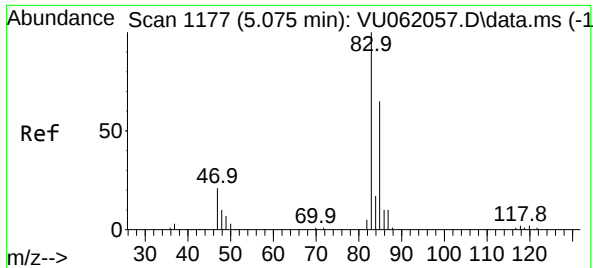
Tgt Ion: 43 Resp: 104177
Ion Ratio Lower Upper
43 100
72 30.6 15.9 47.7



#23
Bromochloromethane
Concen: 53.757 ug/L
RT: 4.965 min Scan# 1143
Delta R.T. 0.000 min
Lab File: VU062090.D
Acq: 05 Dec 2024 09:03

Tgt Ion: 128 Resp: 33279
Ion Ratio Lower Upper
128 100
49 139.8 100.7 187.1
130 131.9 92.4 171.6
51 45.7 37.1 55.7





#25

Chloroform

Concen: 54.589 ug/L

RT: 5.078 min Scan# 1177

Delta R.T. 0.003 min

Lab File: VU062090.D

Acq: 05 Dec 2024 09:03

Instrument :

MSVOA_U

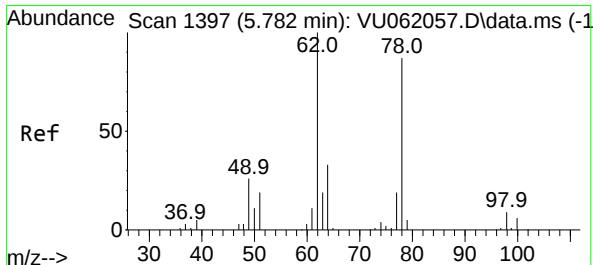
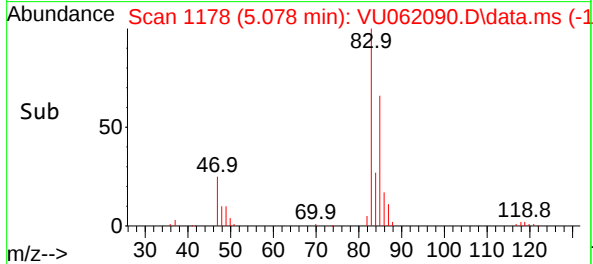
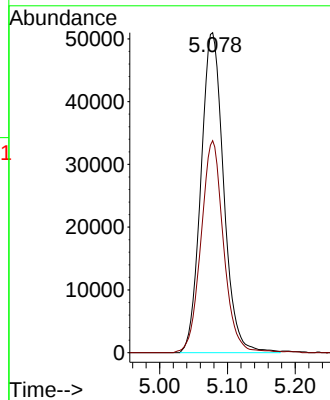
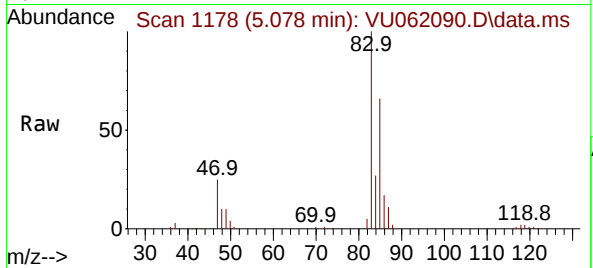
ClientSampleId :

Tgt Ion: 83 Resp: 118638

Ion Ratio Lower Upper

83 100

85 66.2 46.1 85.5



#27

1,2-Dichloroethane

Concen: 53.488 ug/L

RT: 5.782 min Scan# 1397

Delta R.T. 0.000 min

Lab File: VU062090.D

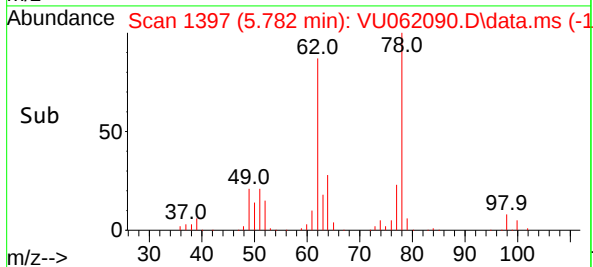
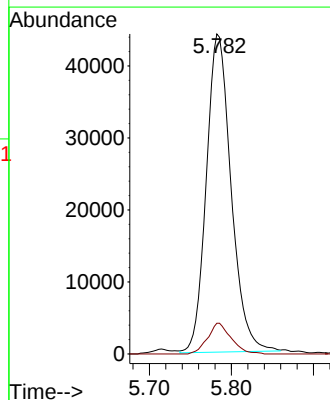
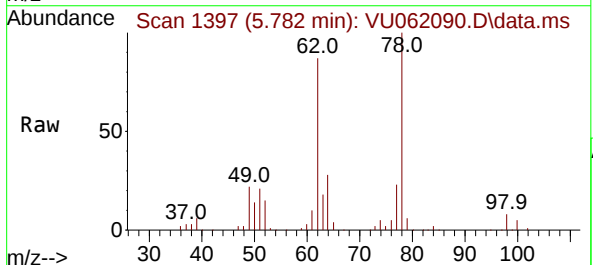
Acq: 05 Dec 2024 09:03

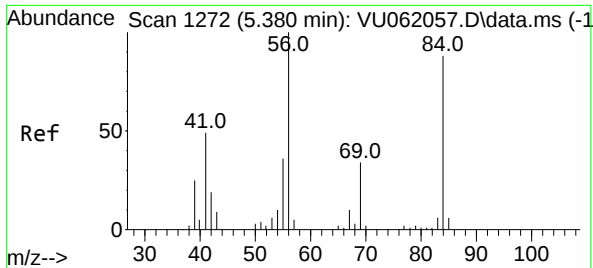
Tgt Ion: 62 Resp: 92844

Ion Ratio Lower Upper

62 100

98 9.6 7.4 11.0





#29

Cyclohexane

Concen: 55.053 ug/L

RT: 5.380 min Scan# 1272

Delta R.T. 0.000 min

Lab File: VU062090.D

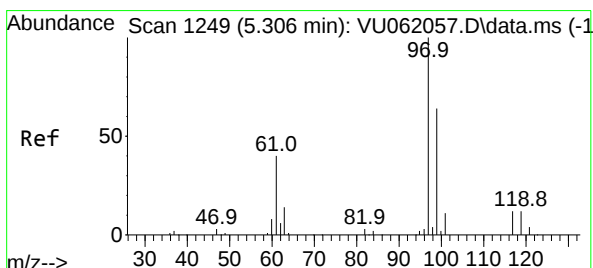
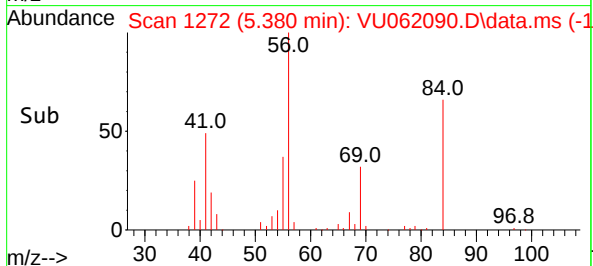
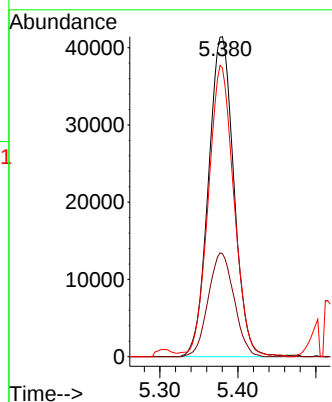
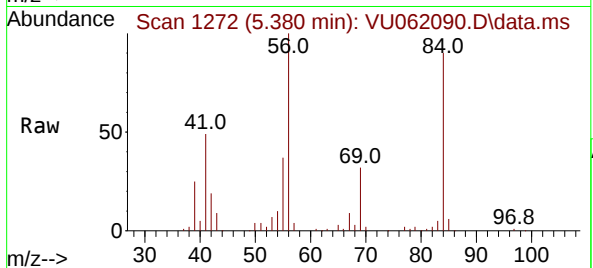
Acq: 05 Dec 2024 09:03

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion:	56	Resp:	94045
Ion Ratio	Lower	Upper	
56	100		
69	32.9	27.1	40.7
84	91.2	72.1	108.1



#30

1,1,1-Trichloroethane

Concen: 56.323 ug/L

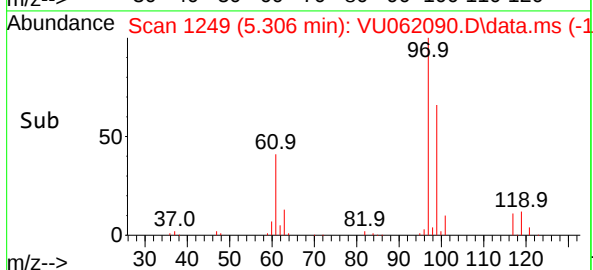
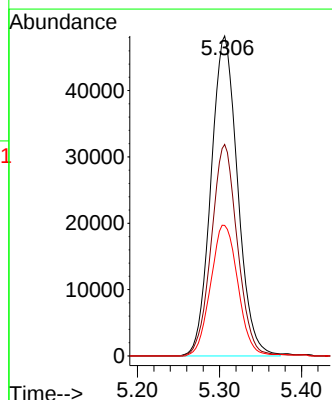
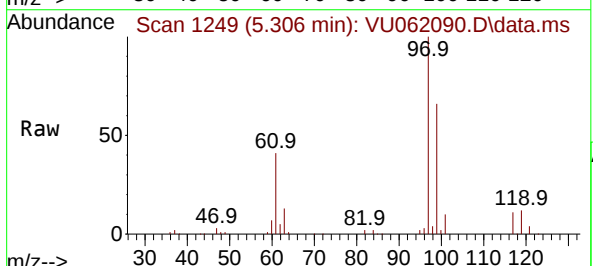
RT: 5.306 min Scan# 1249

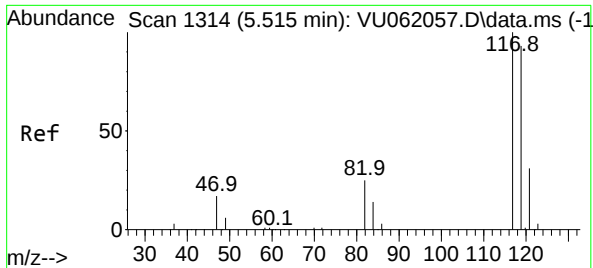
Delta R.T. 0.000 min

Lab File: VU062090.D

Acq: 05 Dec 2024 09:03

Tgt Ion:	97	Resp:	108947
Ion Ratio	Lower	Upper	
97	100		
99	64.8	52.0	78.0
61	41.7	32.6	48.8

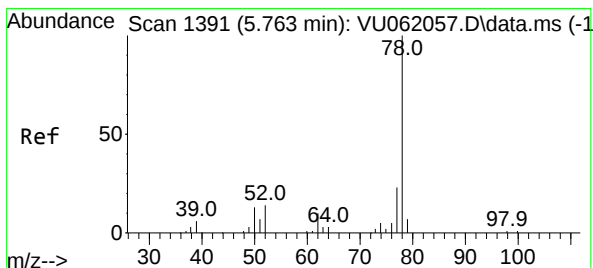
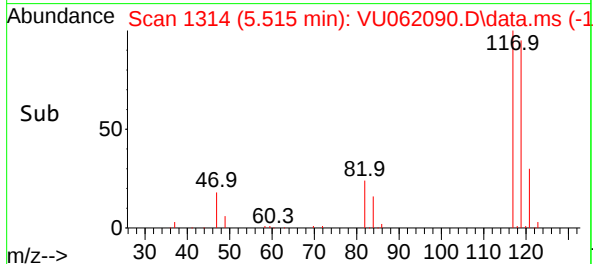
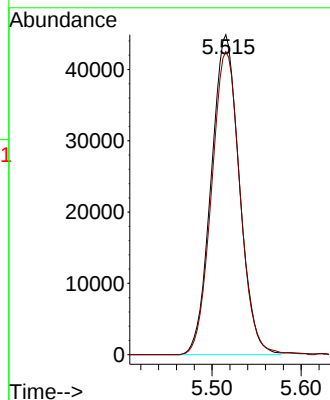
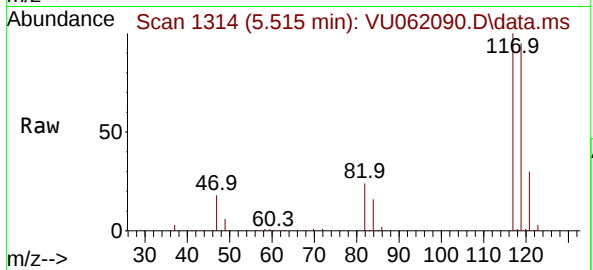




#31
Carbon tetrachloride
Concen: 56.957 ug/L
RT: 5.515 min Scan# 117
Delta R.T. 0.000 min
Lab File: VU062090.D
Acq: 05 Dec 2024 09:03

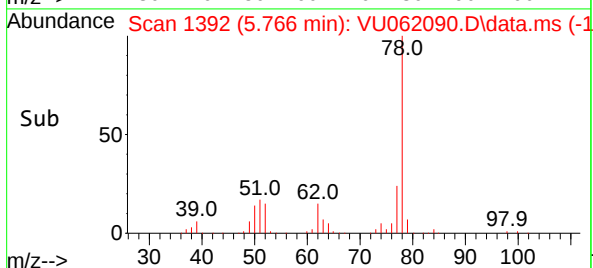
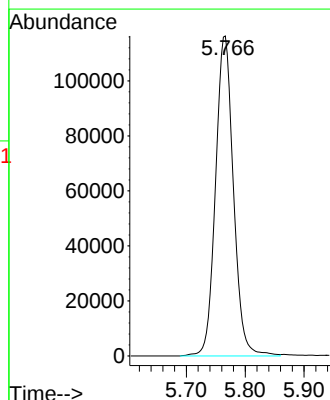
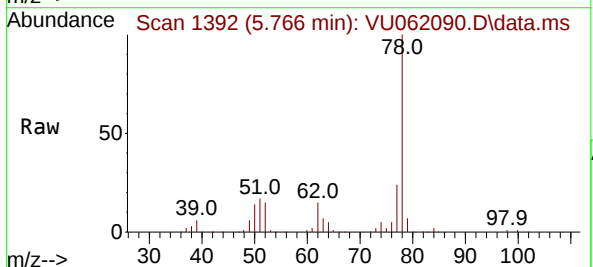
Instrument :
MSVOA_U
ClientSampleId :

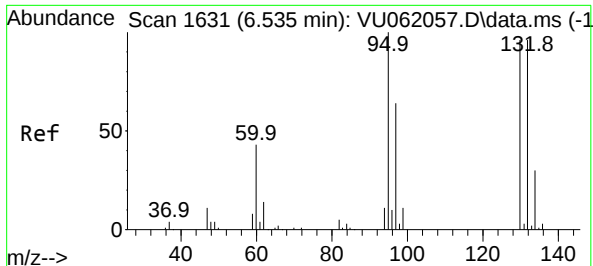
Tgt Ion:117 Resp: 98457
Ion Ratio Lower Upper
117 100
119 95.7 77.0 115.6



#33
Benzene
Concen: 55.324 ug/L
RT: 5.766 min Scan# 1392
Delta R.T. 0.003 min
Lab File: VU062090.D
Acq: 05 Dec 2024 09:03

Tgt Ion: 78 Resp: 246173

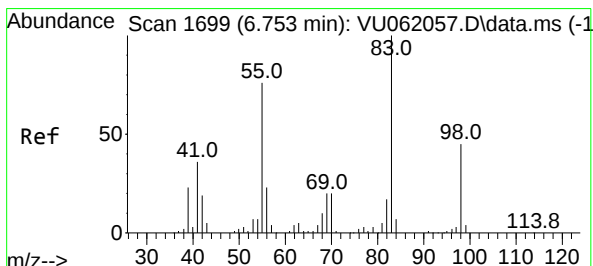
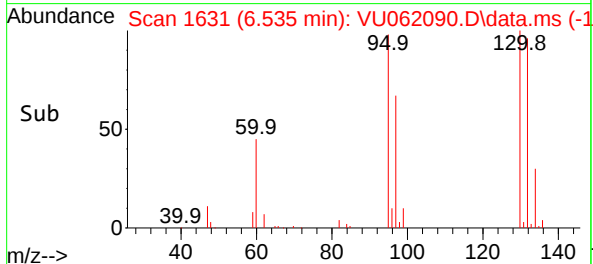
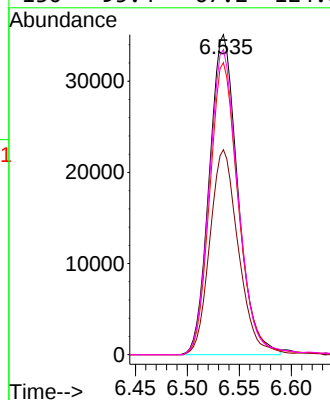
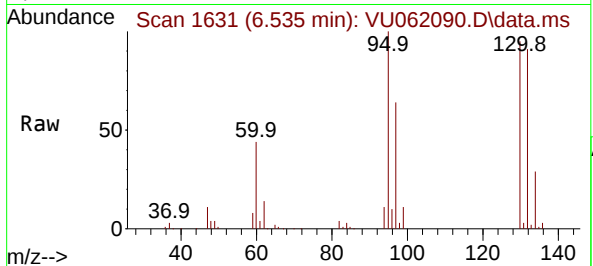




#34
Trichloroethene
Concen: 55.056 ug/L
RT: 6.535 min Scan# 1631
Delta R.T. 0.000 min
Lab File: VU062090.D
Acq: 05 Dec 2024 09:03

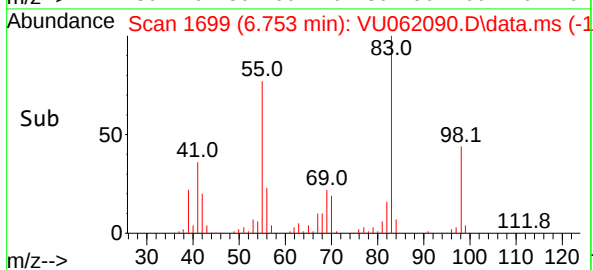
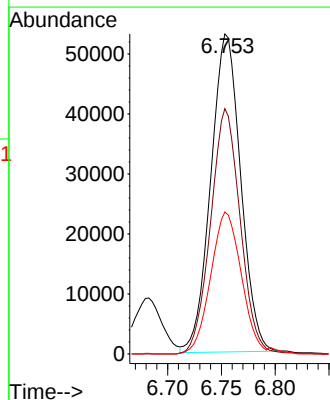
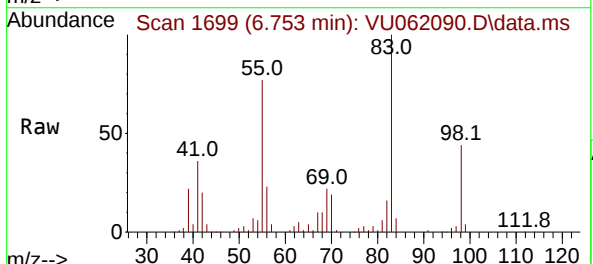
Instrument :
MSVOA_U
ClientSampleId :

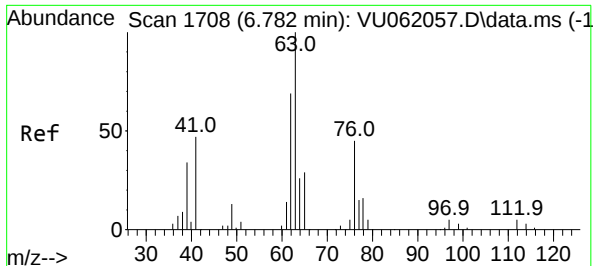
Tgt Ion: 95 Resp: 66894
Ion Ratio Lower Upper
95 100
97 64.0 44.6 82.8
132 91.2 67.3 124.9
130 95.4 67.2 124.8



#35
Methylcyclohexane
Concen: 55.727 ug/L
RT: 6.753 min Scan# 1699
Delta R.T. 0.000 min
Lab File: VU062090.D
Acq: 05 Dec 2024 09:03

Tgt Ion: 83 Resp: 102643
Ion Ratio Lower Upper
83 100
55 76.2 60.1 90.1
98 45.6 35.8 53.8

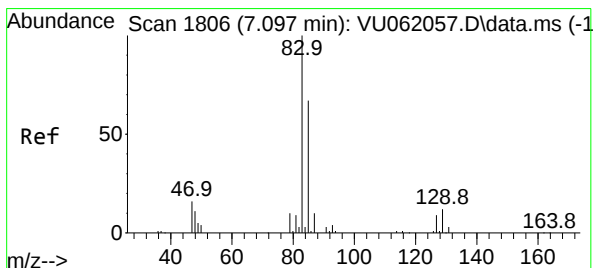
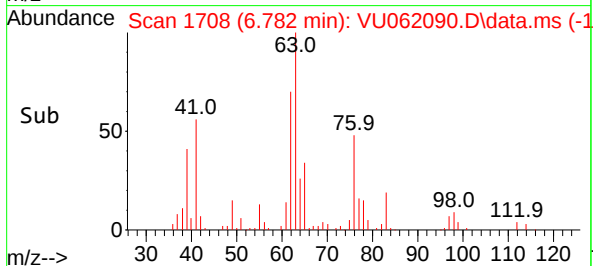
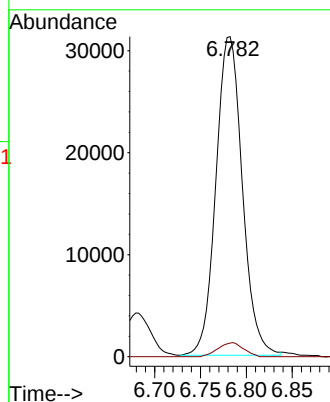
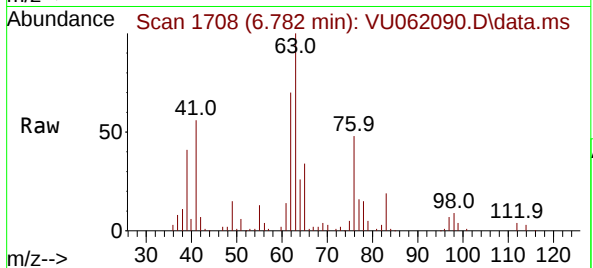




#37
1,2-Dichloropropane
Concen: 53.136 ug/L
RT: 6.782 min Scan# 1708
Delta R.T. 0.000 min
Lab File: VU062090.D
Acq: 05 Dec 2024 09:03

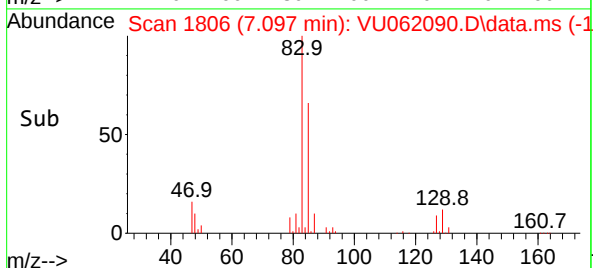
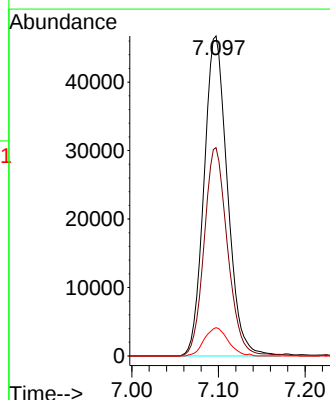
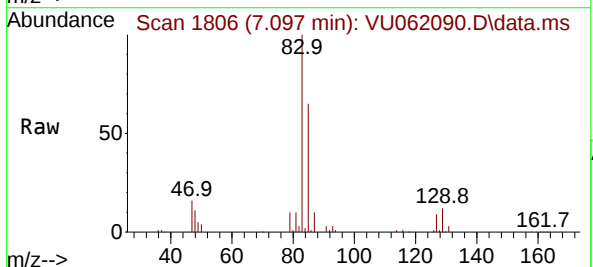
Instrument :
MSVOA_U
ClientSampleId :

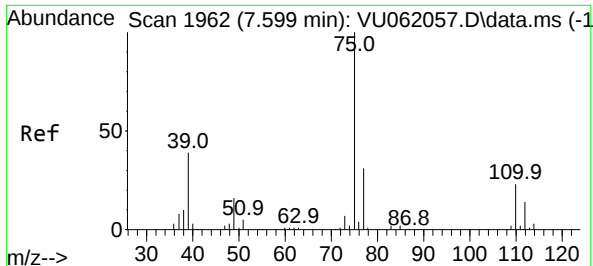
Tgt Ion: 63 Resp: 62564
Ion Ratio Lower Upper
63 100
112 4.2 3.1 4.7



#38
Bromodichloromethane
Concen: 55.333 ug/L
RT: 7.097 min Scan# 1806
Delta R.T. 0.000 min
Lab File: VU062090.D
Acq: 05 Dec 2024 09:03

Tgt Ion: 83 Resp: 87782
Ion Ratio Lower Upper
83 100
85 65.1 46.8 87.0
127 8.9 6.8 10.2





#39

cis-1,3-Dichloropropene

Concen: 55.919 ug/L

RT: 7.599 min Scan# 1962

Delta R.T. 0.000 min

Lab File: VU062090.D

Acq: 05 Dec 2024 09:03

Instrument :

MSVOA_U

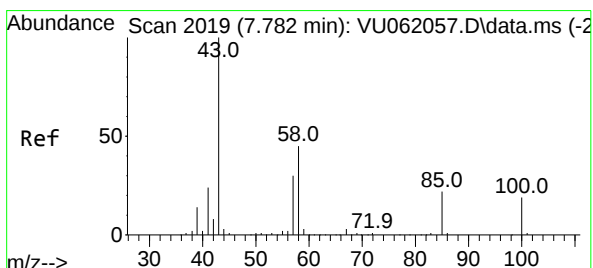
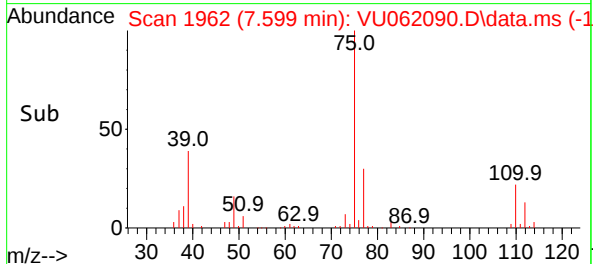
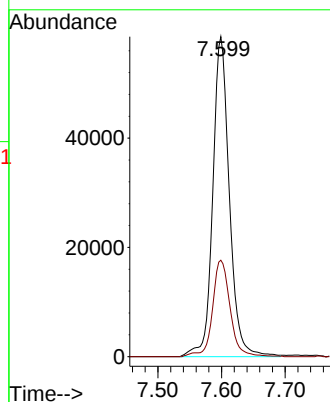
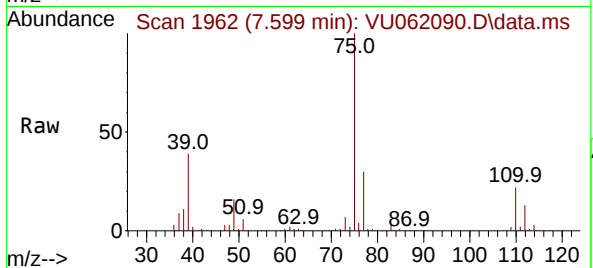
ClientSampleId :

Tgt Ion: 75 Resp: 106317

Ion Ratio Lower Upper

75 100

77 30.1 21.6 40.2



#40

4-Methyl-2-pentanone

Concen: 99.079 ug/L

RT: 7.782 min Scan# 2019

Delta R.T. 0.000 min

Lab File: VU062090.D

Acq: 05 Dec 2024 09:03

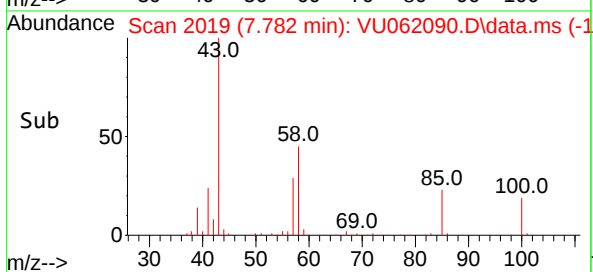
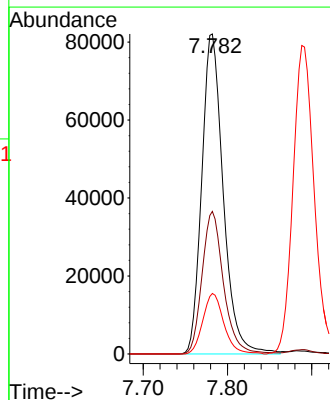
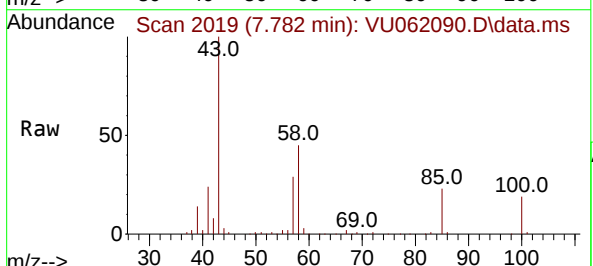
Tgt Ion: 43 Resp: 145730

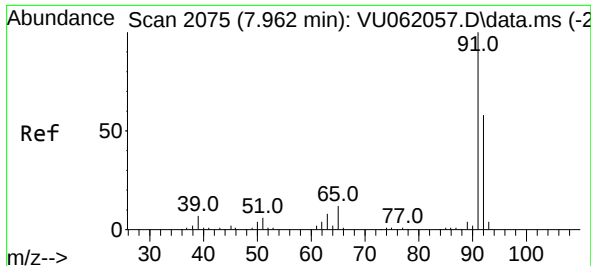
Ion Ratio Lower Upper

43 100

58 44.5 35.7 53.5

100 18.5 14.6 21.8





#42

Toluene

Concen: 55.537 ug/L

RT: 7.962 min Scan# 2075

Delta R.T. 0.000 min

Lab File: VU062090.D

Acq: 05 Dec 2024 09:03

Instrument :

MSVOA_U

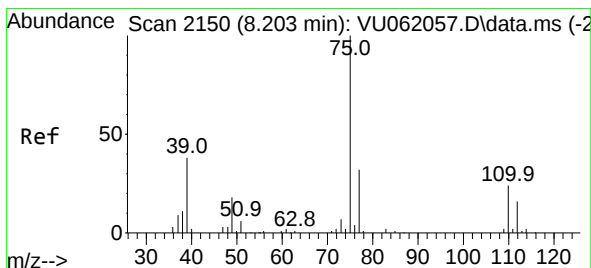
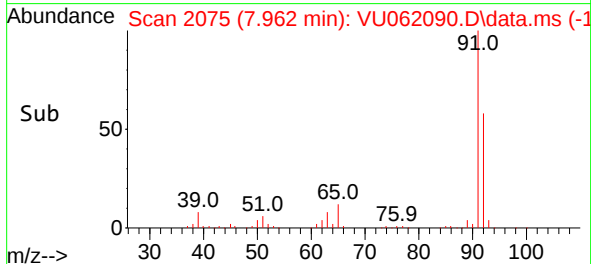
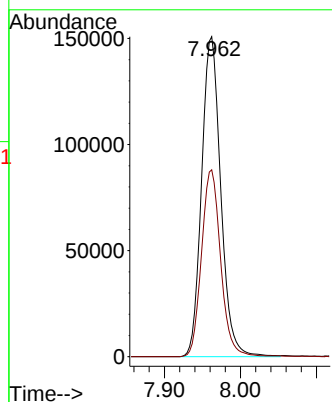
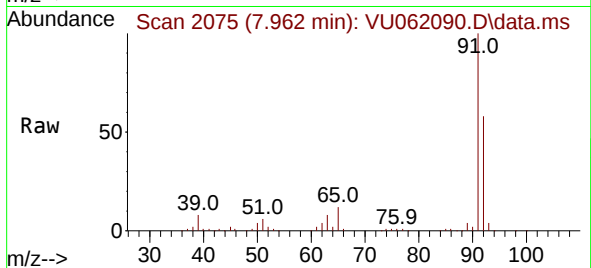
ClientSampleId :

Tgt Ion: 91 Resp: 264185

Ion Ratio Lower Upper

91 100

92 58.4 40.5 75.3



#44

trans-1,3-Dichloropropene

Concen: 57.134 ug/L

RT: 8.203 min Scan# 2150

Delta R.T. 0.000 min

Lab File: VU062090.D

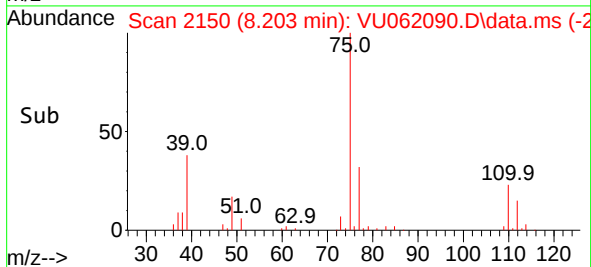
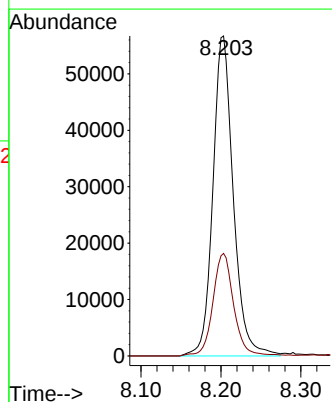
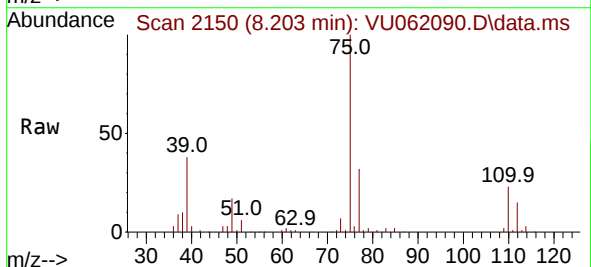
Acq: 05 Dec 2024 09:03

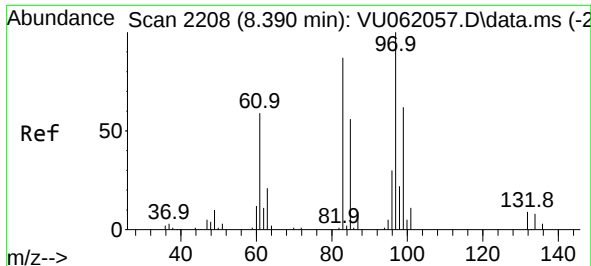
Tgt Ion: 75 Resp: 100448

Ion Ratio Lower Upper

75 100

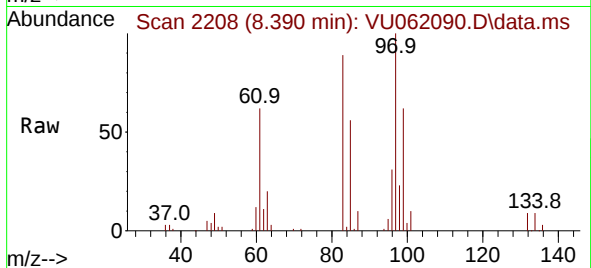
77 32.1 22.4 41.6



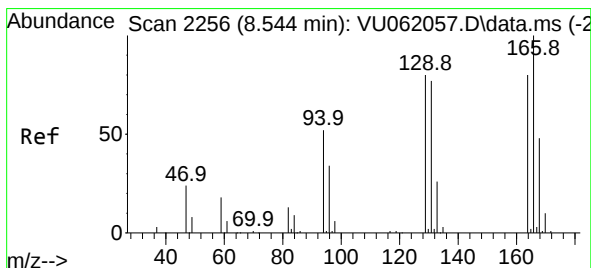
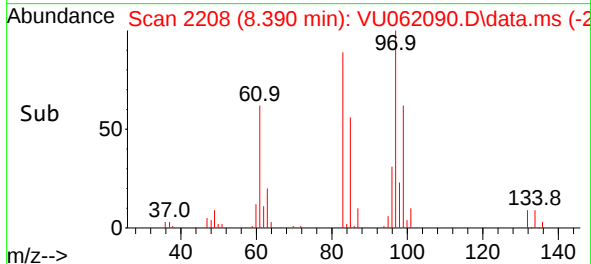
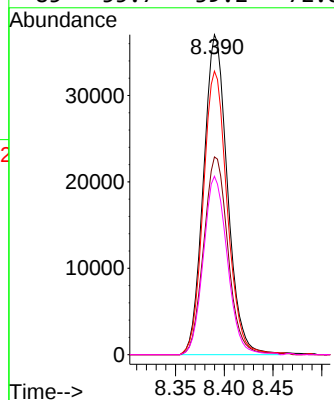


#45
1,1,2-Trichloroethane
Concen: 54.333 ug/L
RT: 8.390 min Scan# 2208
Delta R.T. 0.000 min
Lab File: VU062090.D
Acq: 05 Dec 2024 09:03

Instrument :
MSVOA_U
ClientSampleId :

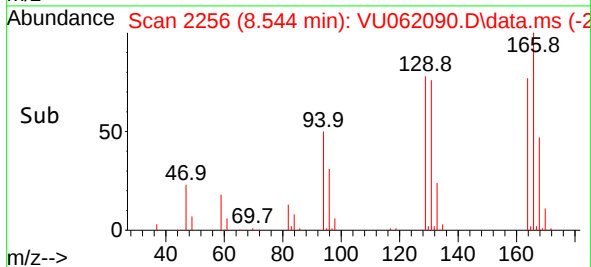
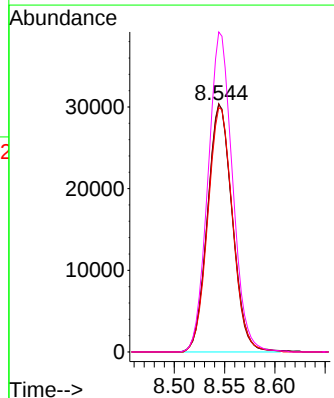
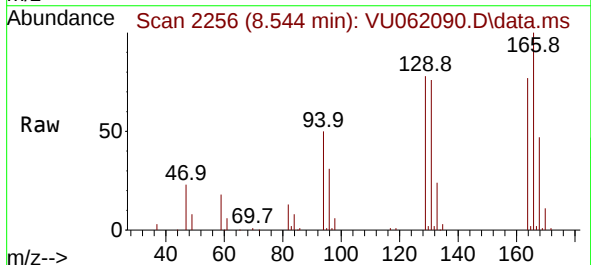


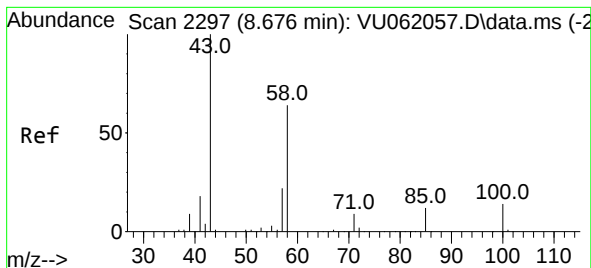
Tgt Ion:	97	Resp:	63489
Ion	Ratio	Lower	Upper
97	100		
99	61.8	43.5	80.7
83	88.6	60.8	113.0
85	55.7	39.2	72.8



#46
Tetrachloroethene
Concen: 56.605 ug/L
RT: 8.544 min Scan# 2256
Delta R.T. 0.000 min
Lab File: VU062090.D
Acq: 05 Dec 2024 09:03

Tgt Ion:	164	Resp:	52260
Ion	Ratio	Lower	Upper
164	100		
129	100.3	70.4	130.8
131	98.7	67.8	125.8
166	129.3	87.5	162.5





#48

2-Hexanone

Concen: 104.783 ug/L

RT: 8.676 min Scan# 21

Delta R.T. 0.000 min

Lab File: VU062090.D

Acq: 05 Dec 2024 09:03

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion: 43 Resp: 129922

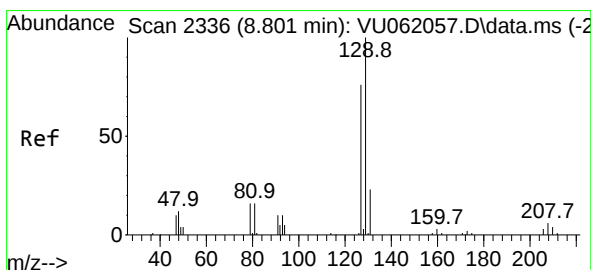
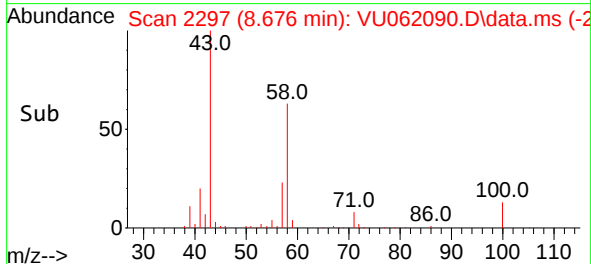
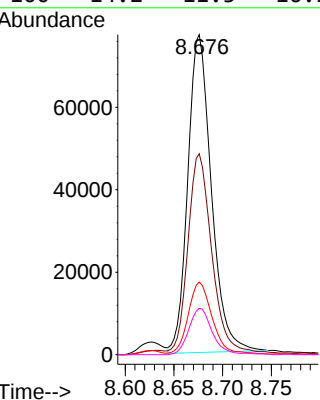
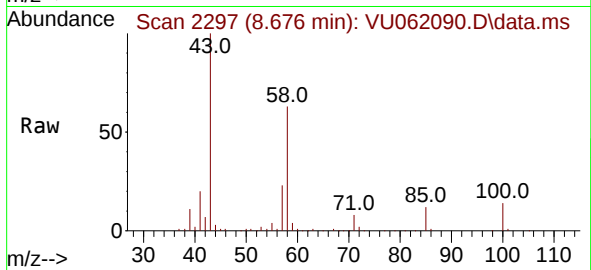
Ion Ratio Lower Upper

43 100

58 62.5 51.7 77.5

57 23.0 18.5 27.7

100 14.2 11.3 16.9



#49

Dibromochloromethane

Concen: 57.205 ug/L

RT: 8.801 min Scan# 2336

Delta R.T. 0.000 min

Lab File: VU062090.D

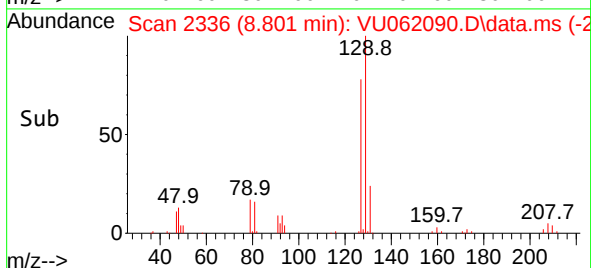
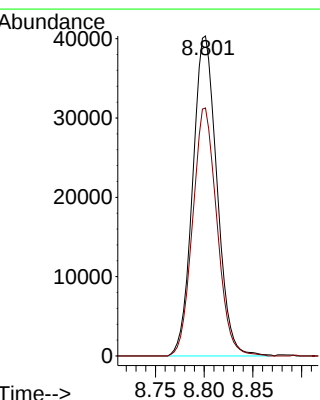
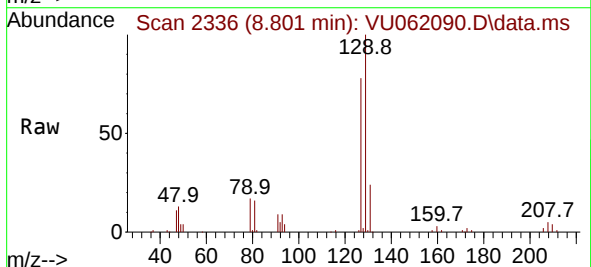
Acq: 05 Dec 2024 09:03

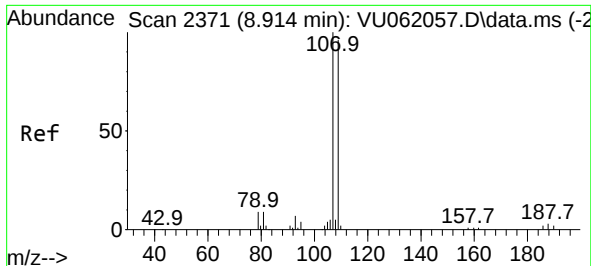
Tgt Ion:129 Resp: 69847

Ion Ratio Lower Upper

129 100

127 77.5 53.3 99.1





#50

1,2-Dibromoethane

Concen: 54.227 ug/L

RT: 8.914 min Scan# 21

Delta R.T. 0.000 min

Lab File: VU062090.D

Acq: 05 Dec 2024 09:03

Instrument :

MSVOA_U

ClientSampleId :

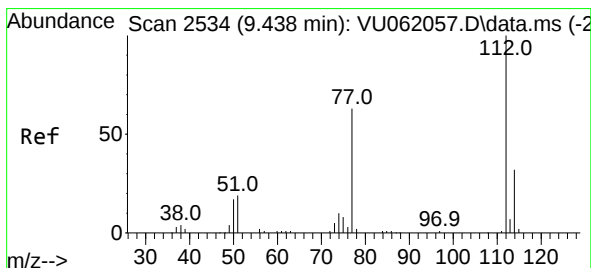
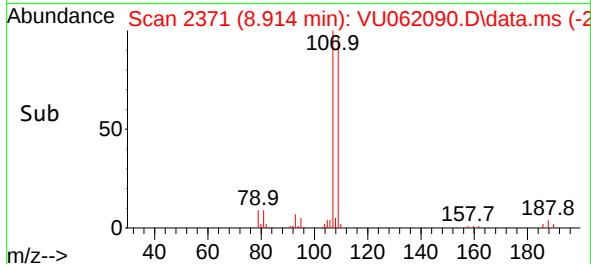
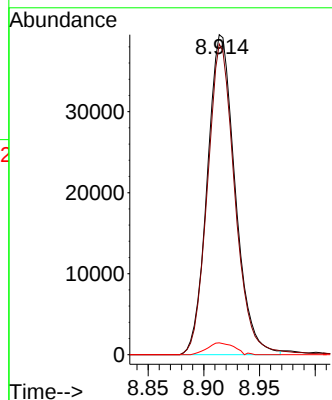
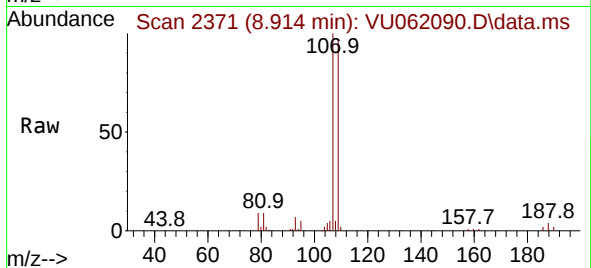
Tgt Ion:107 Resp: 68833

Ion Ratio Lower Upper

107 100

109 97.1 67.1 124.7

188 3.7 2.6 4.0



#51

Chlorobenzene

Concen: 55.520 ug/L

RT: 9.438 min Scan# 2534

Delta R.T. 0.000 min

Lab File: VU062090.D

Acq: 05 Dec 2024 09:03

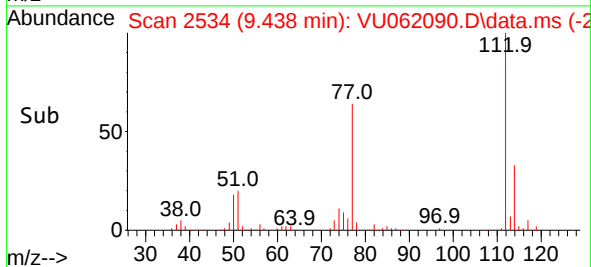
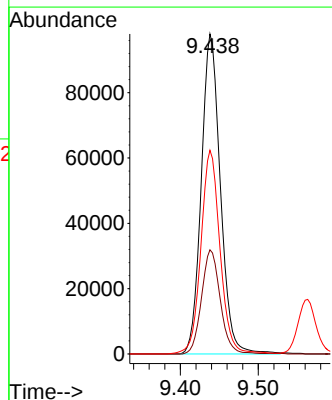
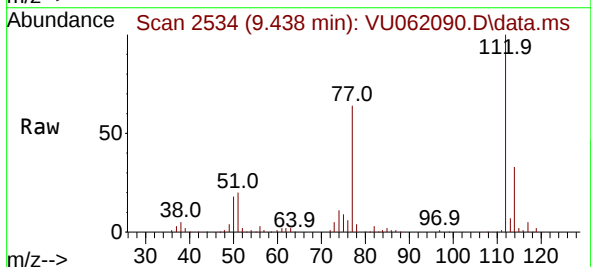
Tgt Ion:112 Resp: 166837

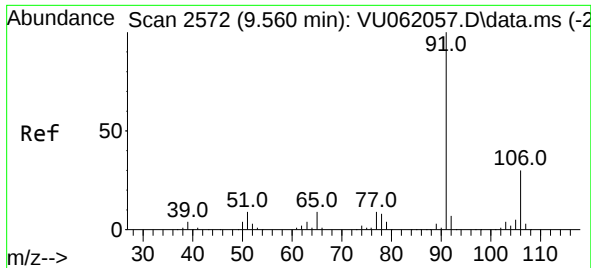
Ion Ratio Lower Upper

112 100

114 32.6 22.0 41.0

77 63.6 50.8 76.2

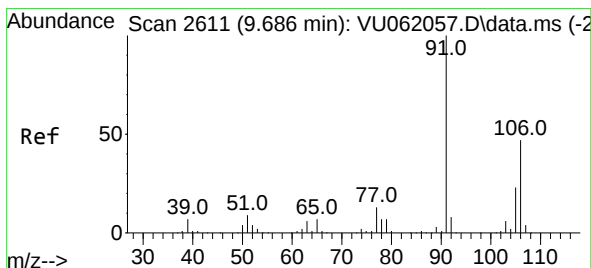
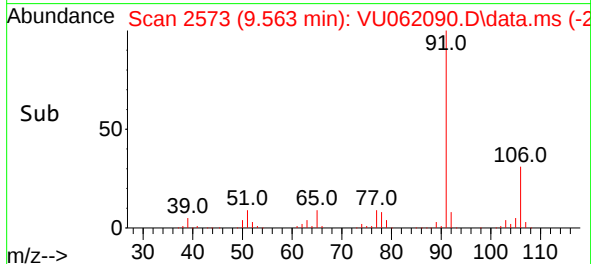
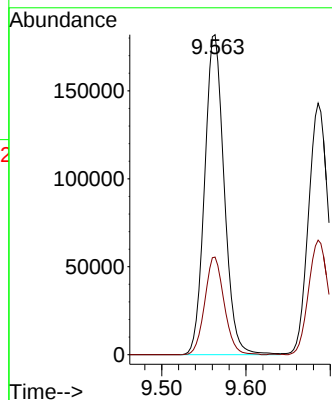
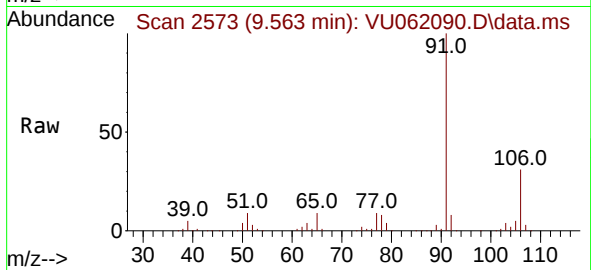




#52
Ethylbenzene
Concen: 56.257 ug/L
RT: 9.563 min Scan# 2573
Delta R.T. 0.003 min
Lab File: VU062090.D
Acq: 05 Dec 2024 09:03

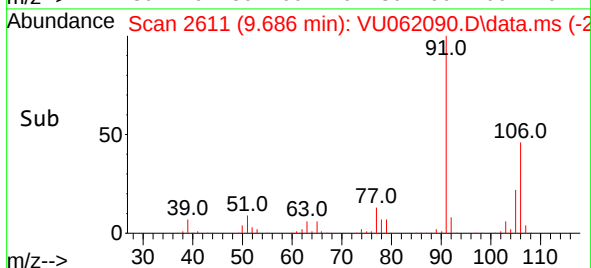
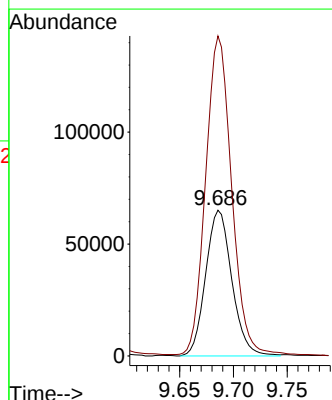
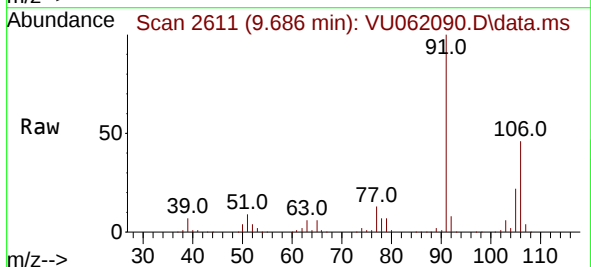
Instrument :
MSVOA_U
ClientSampleId :

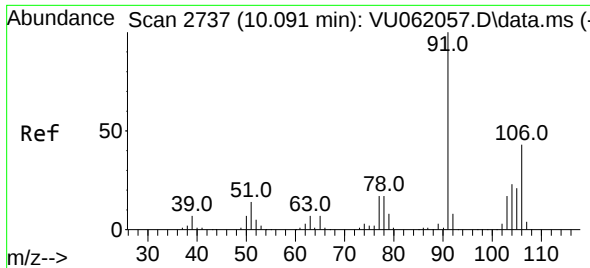
Tgt Ion: 91 Resp: 293982
Ion Ratio Lower Upper
91 100
106 30.5 20.8 38.6



#53
m,p-Xylene
Concen: 57.100 ug/L
RT: 9.686 min Scan# 2611
Delta R.T. 0.000 min
Lab File: VU062090.D
Acq: 05 Dec 2024 09:03

Tgt Ion:106 Resp: 110336
Ion Ratio Lower Upper
106 100
91 219.6 147.9 274.7

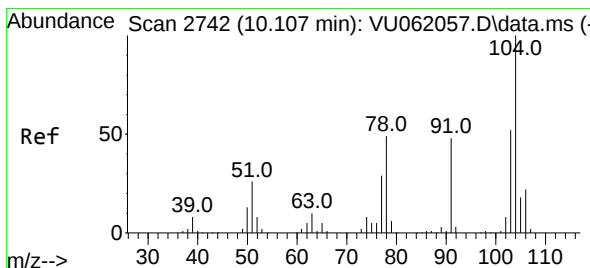
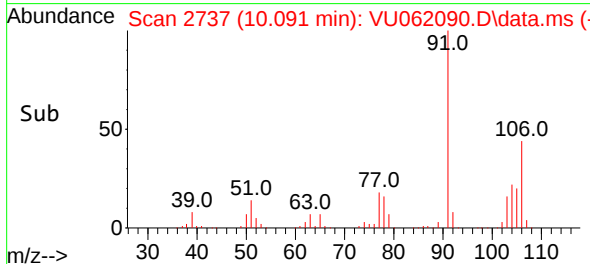
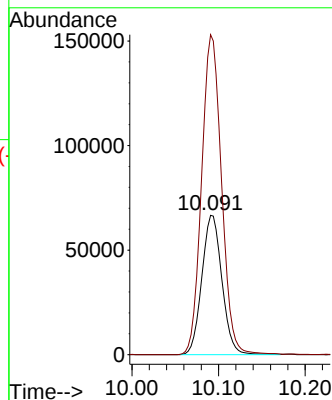
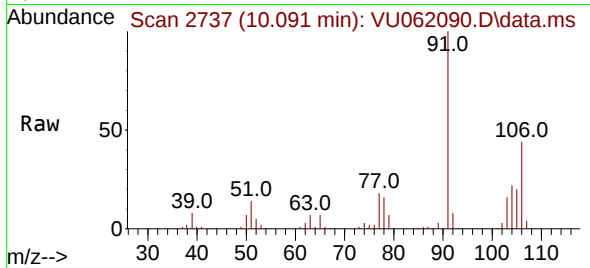




#54
o-Xylene
Concen: 56.868 ug/L
RT: 10.091 min Scan# 2737
Delta R.T. 0.000 min
Lab File: VU062090.D
Acq: 05 Dec 2024 09:03

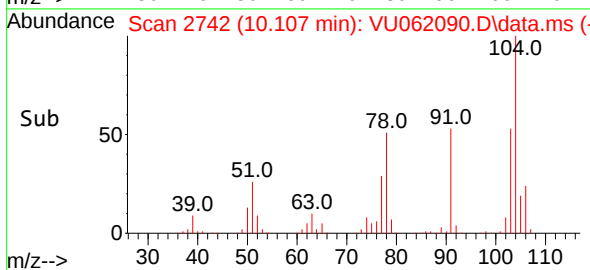
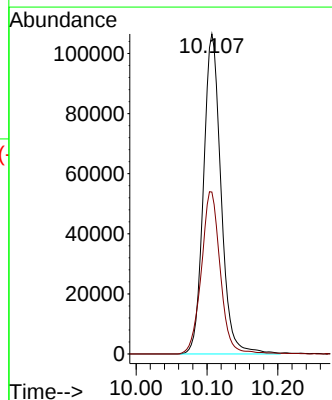
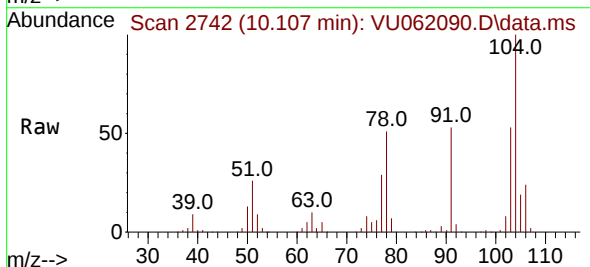
Instrument :
MSVOA_U
ClientSampleId :

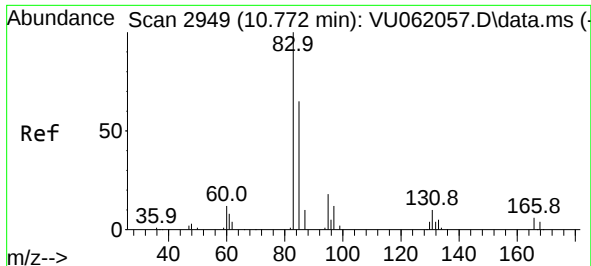
Tgt Ion:106 Resp: 107502
Ion Ratio Lower Upper
106 100
91 229.6 161.0 299.0



#55
Styrene
Concen: 57.545 ug/L
RT: 10.107 min Scan# 2742
Delta R.T. 0.000 min
Lab File: VU062090.D
Acq: 05 Dec 2024 09:03

Tgt Ion:104 Resp: 183030
Ion Ratio Lower Upper
104 100
78 50.6 34.5 64.1

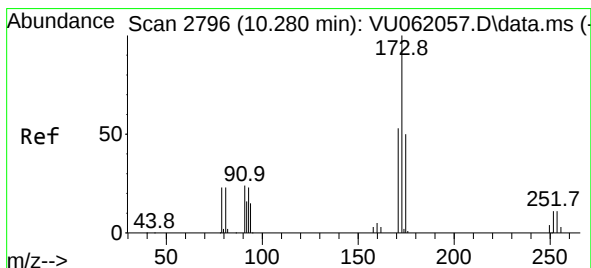
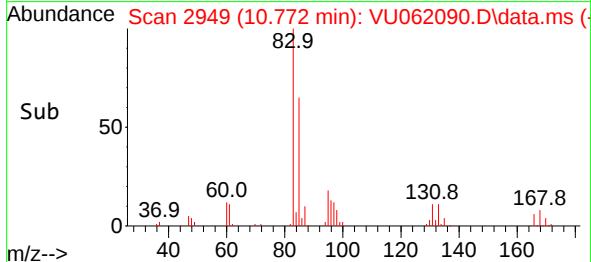
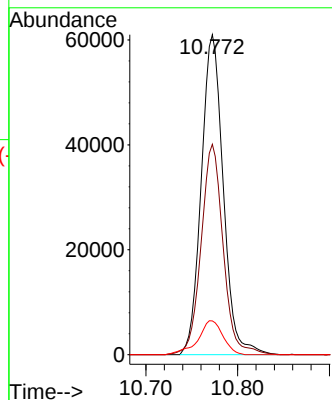
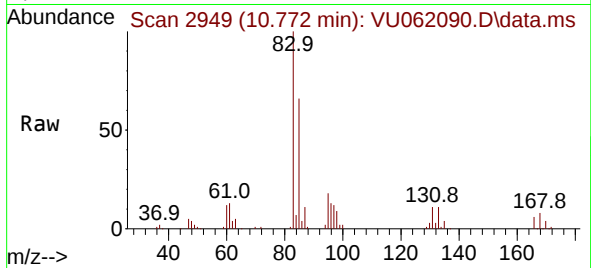




#57
1,1,2,2-Tetrachloroethane
Concen: 52.672 ug/L
RT: 10.772 min Scan# 2949
Delta R.T. 0.000 min
Lab File: VU062090.D
Acq: 05 Dec 2024 09:03

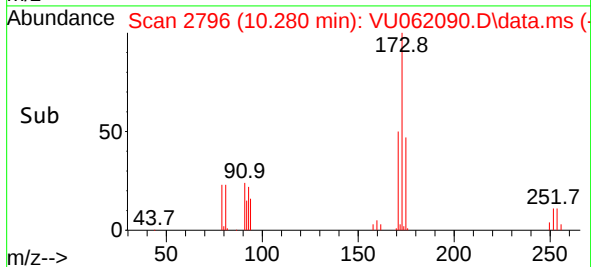
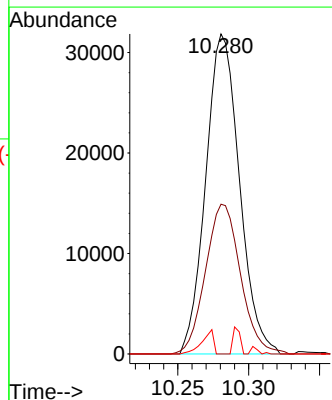
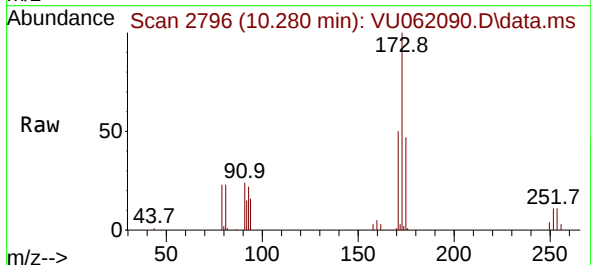
Instrument :
MSVOA_U
ClientSampleId :

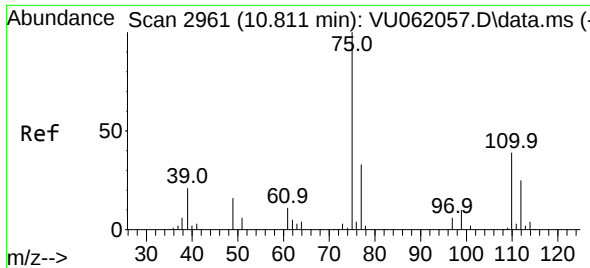
Tgt Ion: 83 Resp: 101572
Ion Ratio Lower Upper
83 100
85 65.7 46.5 86.3
131 10.5 8.4 12.6



#59
Bromoform
Concen: 53.332 ug/L
RT: 10.280 min Scan# 2796
Delta R.T. 0.000 min
Lab File: VU062090.D
Acq: 05 Dec 2024 09:03

Tgt Ion:173 Resp: 52633
Ion Ratio Lower Upper
173 100
175 48.6 39.2 58.8
254 2.6 1.7 2.5#

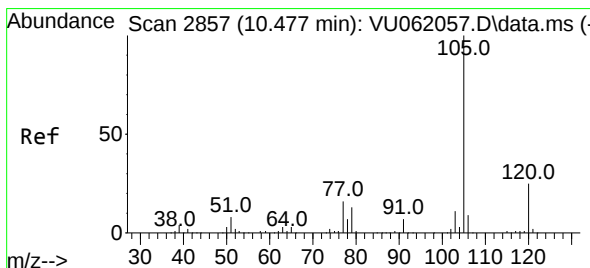
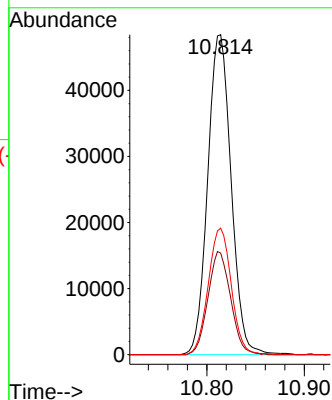
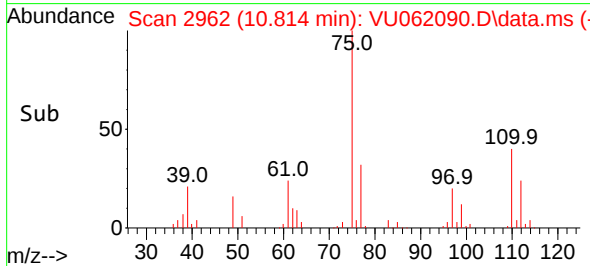
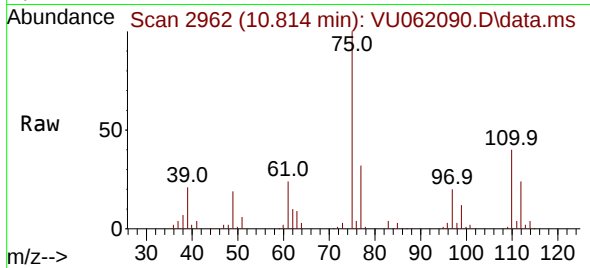




#60
1,2,3-Trichloropropane
Concen: 50.650 ug/L
RT: 10.814 min Scan# 2961
Delta R.T. 0.003 min
Lab File: VU062090.D
Acq: 05 Dec 2024 09:03

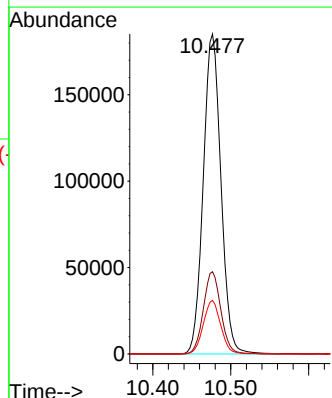
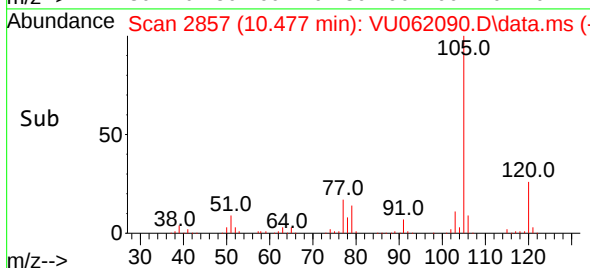
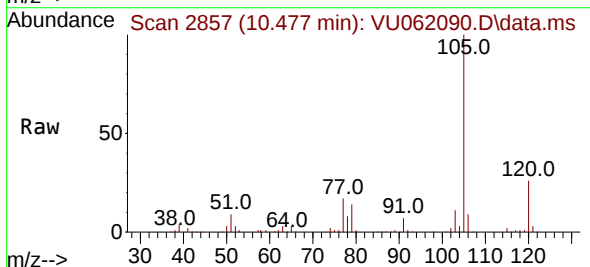
Instrument :
MSVOA_U
ClientSampleId :

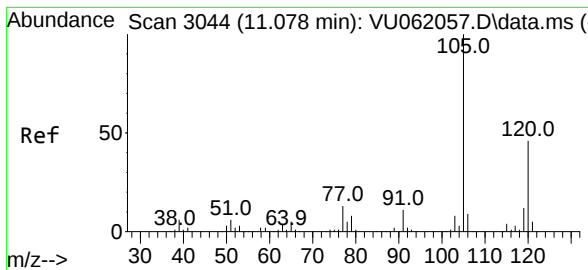
Tgt Ion: 75 Resp: 81028
Ion Ratio Lower Upper
75 100
77 31.1 26.2 39.4
110 38.7 30.7 46.1



#61
Isopropylbenzene
Concen: 55.359 ug/L
RT: 10.477 min Scan# 2857
Delta R.T. 0.000 min
Lab File: VU062090.D
Acq: 05 Dec 2024 09:03

Tgt Ion: 105 Resp: 291786
Ion Ratio Lower Upper
105 100
120 25.5 20.0 30.0
77 16.5 13.1 19.7

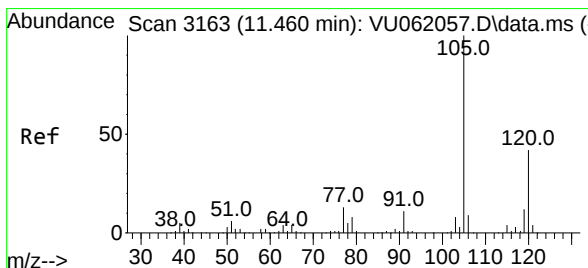
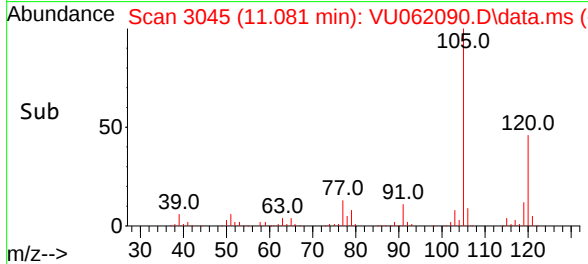
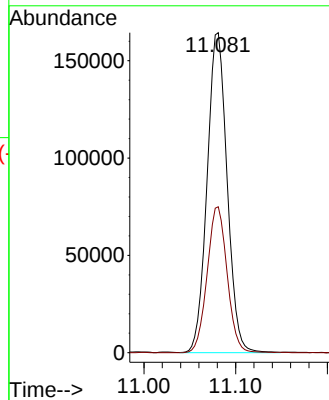
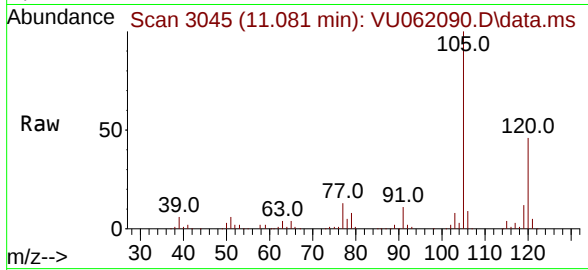




#62
1,3,5-Trimethylbenzene
Concen: 55.656 ug/L
RT: 11.081 min Scan# 3044
Delta R.T. 0.003 min
Lab File: VU062090.D
Acq: 05 Dec 2024 09:03

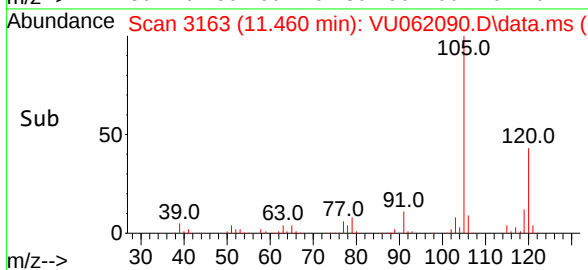
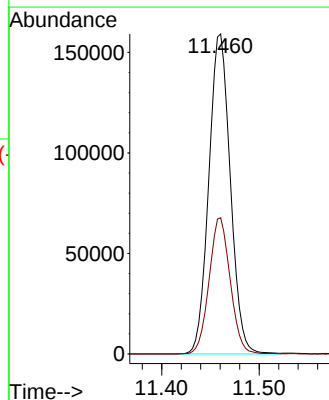
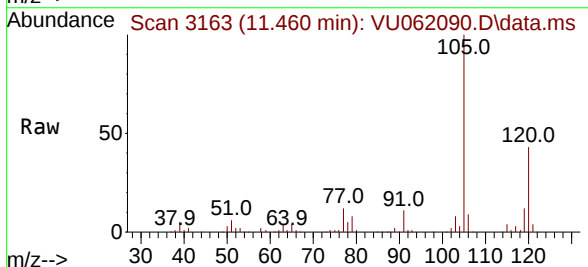
Instrument :
MSVOA_U
ClientSampleId :

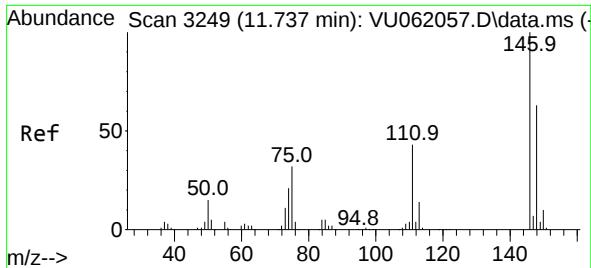
Tgt Ion:105 Resp: 249759
Ion Ratio Lower Upper
105 100
120 45.5 37.0 55.6



#63
1,2,4-Trimethylbenzene
Concen: 56.507 ug/L
RT: 11.460 min Scan# 3163
Delta R.T. 0.000 min
Lab File: VU062090.D
Acq: 05 Dec 2024 09:03

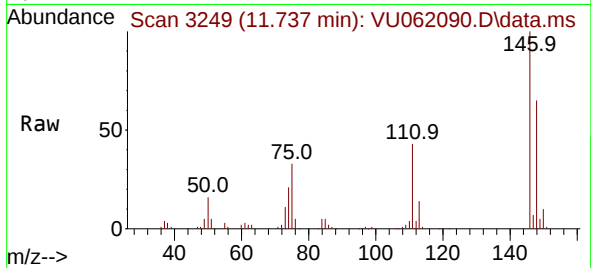
Tgt Ion:105 Resp: 244163
Ion Ratio Lower Upper
105 100
120 41.7 33.8 50.8



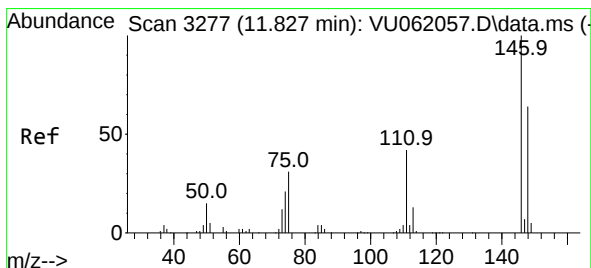
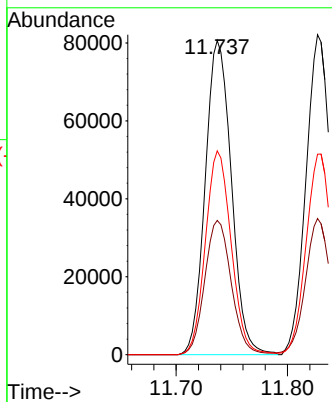
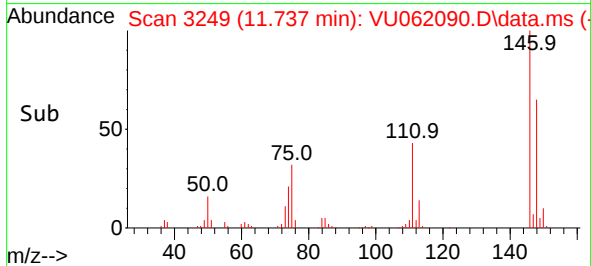


#64
1,3-Dichlorobenzene
Concen: 53.982 ug/L
RT: 11.737 min Scan# 3249
Delta R.T. 0.000 min
Lab File: VU062090.D
Acq: 05 Dec 2024 09:03

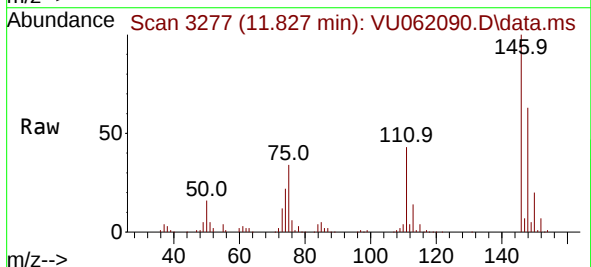
Instrument :
MSVOA_U
ClientSampleId :



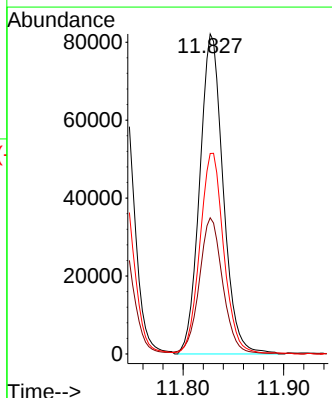
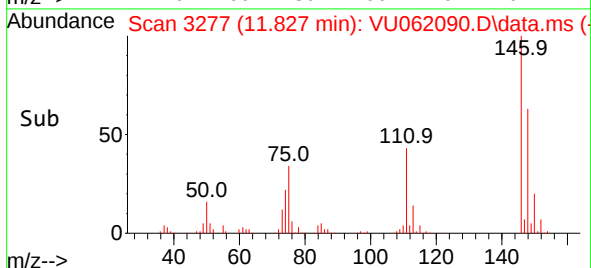
Tgt Ion:146 Resp: 131480
Ion Ratio Lower Upper
146 100
111 42.7 29.8 55.4
148 64.9 44.4 82.5

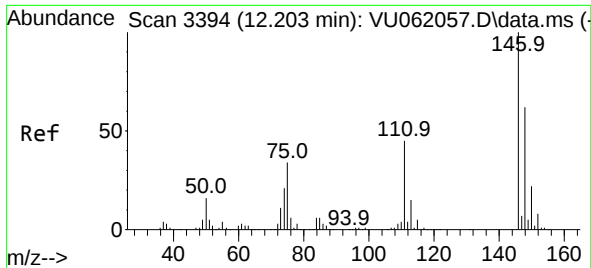


#65
1,4-Dichlorobenzene
Concen: 53.821 ug/L
RT: 11.827 min Scan# 3277
Delta R.T. 0.000 min
Lab File: VU062090.D
Acq: 05 Dec 2024 09:03



Tgt Ion:146 Resp: 133051
Ion Ratio Lower Upper
146 100
111 42.5 29.4 54.6
148 62.7 44.6 82.8

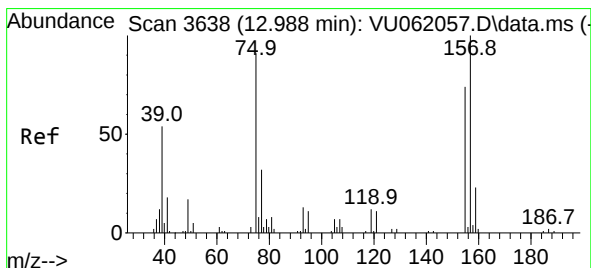
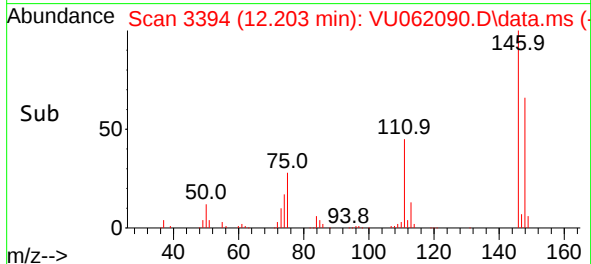
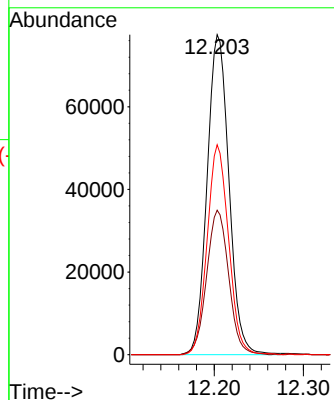
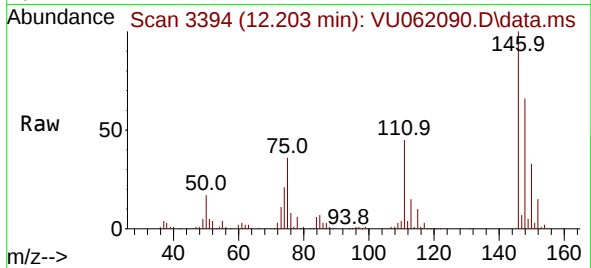




#67
1,2-Dichlorobenzene
Concen: 54.654 ug/L
RT: 12.203 min Scan# 311
Delta R.T. 0.000 min
Lab File: VU062090.D
Acq: 05 Dec 2024 09:03

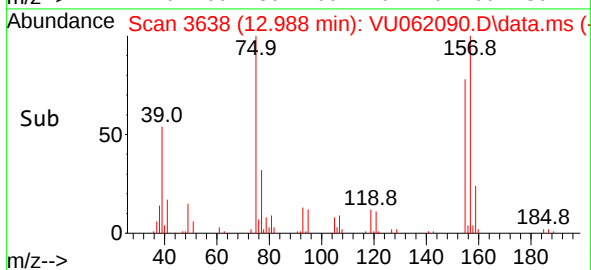
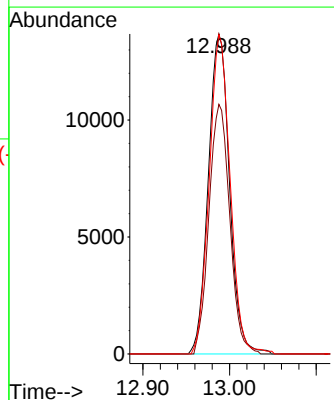
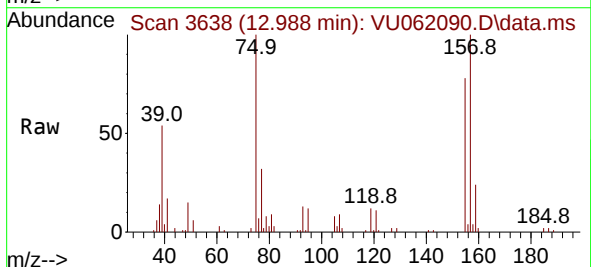
Instrument :
MSVOA_U
ClientSampleId :

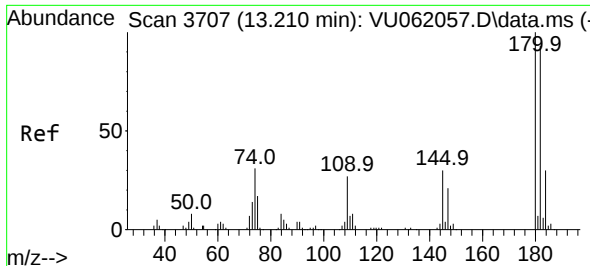
Tgt Ion:146 Resp: 131488
Ion Ratio Lower Upper
146 100
111 45.2 36.1 54.1
148 65.6 49.8 74.6



#68
1,2-Dibromo-3-chloropropane
Concen: 51.582 ug/L
RT: 12.988 min Scan# 3638
Delta R.T. 0.000 min
Lab File: VU062090.D
Acq: 05 Dec 2024 09:03

Tgt Ion: 75 Resp: 23256
Ion Ratio Lower Upper
75 100
155 78.0 65.1 97.7
157 104.0 91.2 136.8





#69

1,3,5-Trichlorobenzene

Concen: 56.418 ug/L

RT: 13.213 min Scan# 31

Delta R.T. 0.003 min

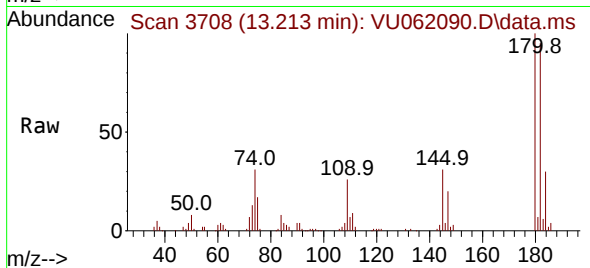
Lab File: VU062090.D

Acq: 05 Dec 2024 09:03

Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion:180 Resp: 96741

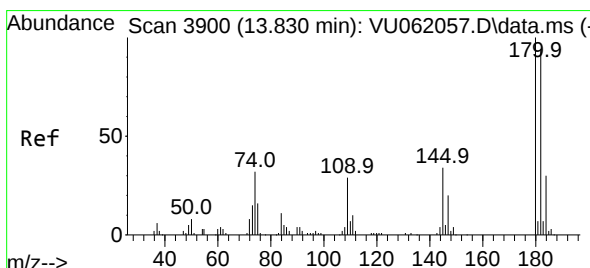
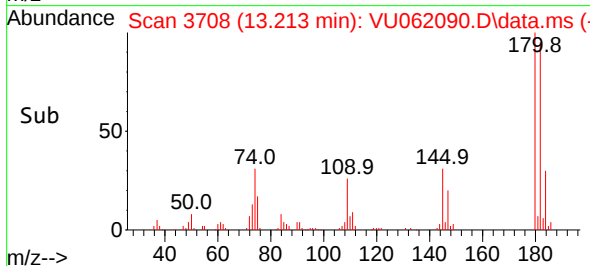
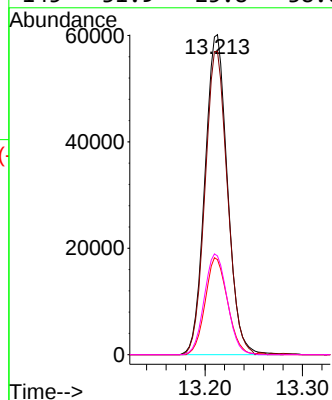
Ion Ratio Lower Upper

180 100

182 94.1 74.6 112.0

184 30.1 24.2 36.2

145 31.9 25.8 38.6



#70

1,2,4-trichlorobenzene

Concen: 53.481 ug/L

RT: 13.833 min Scan# 3901

Delta R.T. 0.003 min

Lab File: VU062090.D

Acq: 05 Dec 2024 09:03

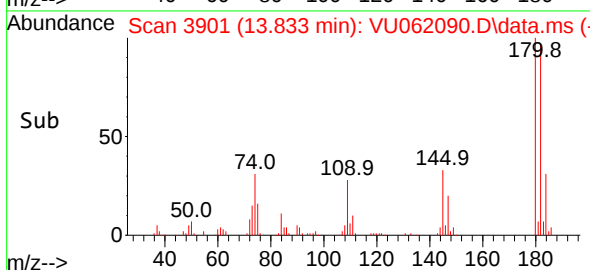
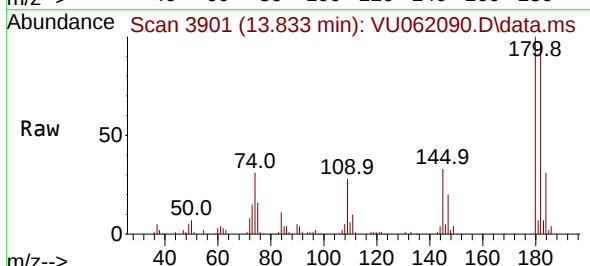
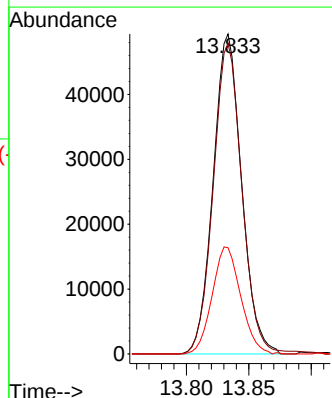
Tgt Ion:180 Resp: 78294

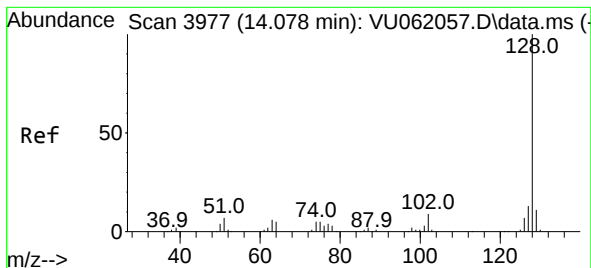
Ion Ratio Lower Upper

180 100

182 97.4 76.6 114.8

145 33.6 27.1 40.7





#71

Naphthalene

Concen: 47.783 ug/L

RT: 14.081 min Scan# 3977

Delta R.T. 0.003 min

Lab File: VU062090.D

Acq: 05 Dec 2024 09:03

Instrument :

MSVOA_U

ClientSampleId :

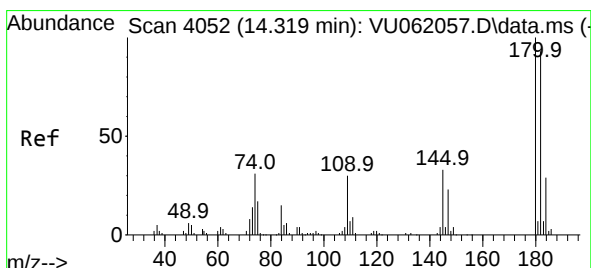
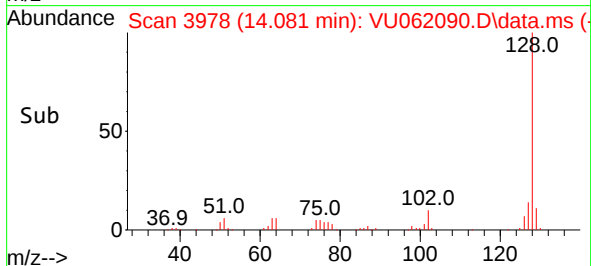
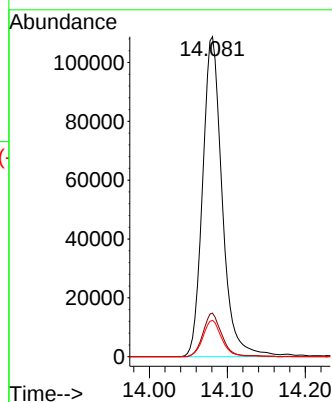
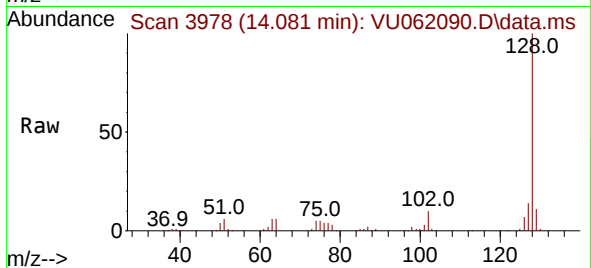
Tgt Ion:128 Resp: 189538

Ion Ratio Lower Upper

128 100

127 12.9 10.3 15.5

129 10.9 8.5 12.7



#72

1,2,3-Trichlorobenzene

Concen: 51.786 ug/L

RT: 14.322 min Scan# 4053

Delta R.T. 0.003 min

Lab File: VU062090.D

Acq: 05 Dec 2024 09:03

Tgt Ion:180 Resp: 73184

Ion Ratio Lower Upper

180 100

182 94.9 75.8 113.6

145 35.4 27.4 41.0

