

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU120624\
 Data File : VU062120.D
 Acq On : 06 Dec 2024 00:05
 Operator : MD/SY
 Sample : P5104-22MSD
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Dec 06 02:34:29 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR112024WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Dec 06 02:27:00 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.238	114	105283	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.409	117	101685	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	53261	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	20368	3.944	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	78.800%
7) Chloroethane-d5	1.907	69	18043	3.949	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	79.000%
11) 1,1-Dichloroethene-d2	2.560	65	9925	4.810	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	96.200%
20) 2-Butanone-d5	4.624	46	75367	46.474	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	92.940%
24) Chloroform-d	5.052	84	63709	5.057	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	101.200%
26) 1,2-Dichloroethane-d4	5.692	65	33167	5.115	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	102.400%
32) Benzene-d6	5.718	84	102846	5.191	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	103.800%
36) 1,2-Dichloropropane-d6	6.679	67	34835	5.175	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	103.400%
41) Toluene-d8	7.888	98	88828	5.376	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	107.600%
43) trans-1,3-Dichloroprop...	8.171	79	14256	5.720	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	114.400%
46) 2-Hexanone-d5	8.624	63	53209	46.776	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	93.560%
56) 1,1,2,2-Tetrachloroeth...	10.746	84	32085	4.770	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	95.400%
66) 1,2-Dichlorobenzene-d4	12.183	152	41343	5.250	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	105.000%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.383	85	45816	4.974	ug/L	97
3) Chloromethane	1.515	50	36253	3.818	ug/L	98
5) Vinyl chloride	1.599	62	37724	3.867	ug/L	100
6) Bromomethane	1.853	94	24783	4.268	ug/L	99
8) Chloroethane	1.930	64	20729	3.296	ug/L	99
9) Trichlorofluoromethane	2.132	101	65099	5.276	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.573	101	35246	4.642	ug/L	93
12) 1,1-Dichloroethene	2.573	96	31808	4.505	ug/L	96
13) Acetone	2.644	43	48179	43.029	ug/L	91
14) Carbon disulfide	2.785	76	92090	4.100	ug/L	99
15) Methyl Acetate	2.952	43	9376	3.261	ug/L #	89
16) Methylene chloride	3.036	84	35976	4.243	ug/L	90
17) Methyl tert-butyl Ether	3.354	73	83176	4.596	ug/L	98
18) trans-1,2-Dichloroethene	3.345	96	34434	4.614	ug/L	94
19) 1,1-Dichloroethane	3.856	63	63755	4.385	ug/L	98
21) 2-Butanone	4.705	43	73603	40.673	ug/L	98
22) cis-1,2-Dichloroethene	4.653	96	39511	4.704	ug/L	94
23) Bromochloromethane	4.965	128	17577	4.814	ug/L #	87
25) Chloroform	5.078	83	72187	4.750	ug/L	100

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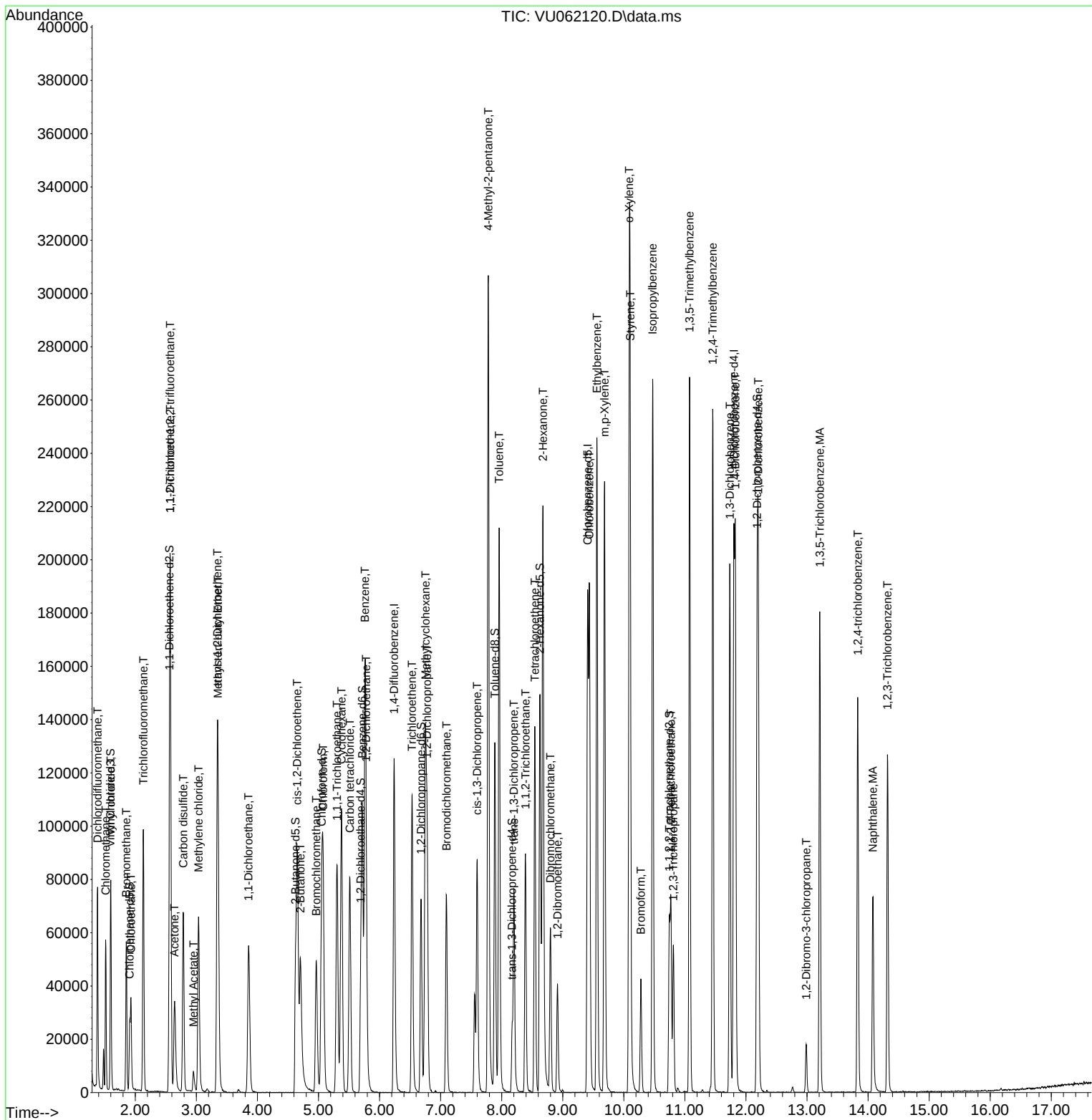
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 ClientSampleId :

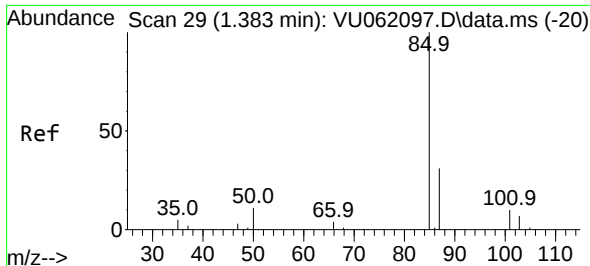
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 Quant Title : TRACE VOA SFAM1.0
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.782	62	46110	4.716	ug/L	99
29) 1,1,1-Trichloroethane	5.306	97	67386	5.749	ug/L	94
30) Cyclohexane	5.377	56	53329	4.350	ug/L	96
31) Carbon tetrachloride	5.515	117	59415	5.970	ug/L	99
33) Benzene	5.763	78	145439	4.736	ug/L	100
34) Trichloroethene	6.531	95	39992	4.879	ug/L	98
35) Methylcyclohexane	6.753	83	55276	4.409	ug/L	96
37) 1,2-Dichloropropane	6.779	63	37275	4.672	ug/L	100
38) Bromodichloromethane	7.097	83	51107	5.282	ug/L	99
39) cis-1,3-Dichloropropene	7.598	75	56676	5.066	ug/L	98
40) 4-Methyl-2-pentanone	7.782	43	185359	43.060	ug/L #	93
42) Toluene	7.959	91	160380	4.977	ug/L	98
44) trans-1,3-Dichloropropene	8.200	75	47640	5.363	ug/L	99
45) 1,1,2-Trichloroethane	8.389	97	28484	4.846	ug/L	98
47) Tetrachloroethene	8.544	164	30380	5.097	ug/L	97
48) 2-Hexanone	8.676	43	132914	41.228	ug/L #	94
49) Dibromochloromethane	8.798	129	33383	5.377	ug/L	97
50) 1,2-Dibromoethane	8.914	107	27569	4.726	ug/L #	99
51) Chlorobenzene	9.438	112	102692	4.653	ug/L	97
52) Ethylbenzene	9.560	91	177229	4.596	ug/L	99
53) m,p-Xylene	9.685	106	65805	4.836	ug/L	96
54) o-Xylene	10.090	106	64677	4.709	ug/L	98
55) Styrene	10.106	104	100593	4.445	ug/L	96
57) 1,1,2,2-Tetrachloroethane	10.772	83	33984	4.512	ug/L	94
59) Bromoform	10.280	173	19162	4.840	ug/L #	98
60) Isopropylbenzene	10.473	105	177910	4.284	ug/L	99
61) 1,2,3-Trichloropropane	10.811	75	23664	3.843	ug/L	98
62) 1,3,5-Trimethylbenzene	11.077	105	147881	4.464	ug/L	99
63) 1,2,4-Trimethylbenzene	11.457	105	146709	4.442	ug/L	99
64) 1,3-Dichlorobenzene	11.737	146	79850	4.331	ug/L	99
65) 1,4-Dichlorobenzene	11.827	146	80923	4.535	ug/L	99
67) 1,2-Dichlorobenzene	12.203	146	76327	4.760	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.987	75	5323	5.065	ug/L	97
69) 1,3,5-Trichlorobenzene	13.209	180	57090	5.204	ug/L	99
70) 1,2,4-trichlorobenzene	13.833	180	46684	5.553	ug/L	99
71) Naphthalene	14.081	128	67172	4.957	ug/L	100
72) 1,2,3-Trichlorobenzene	14.318	180	39853	5.504	ug/L	97

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

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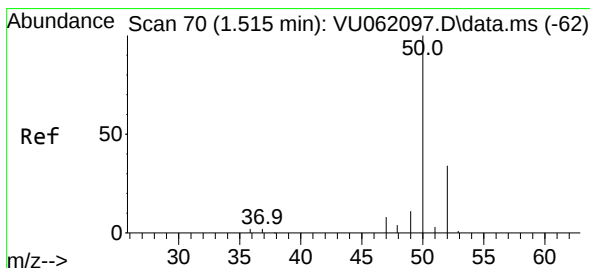
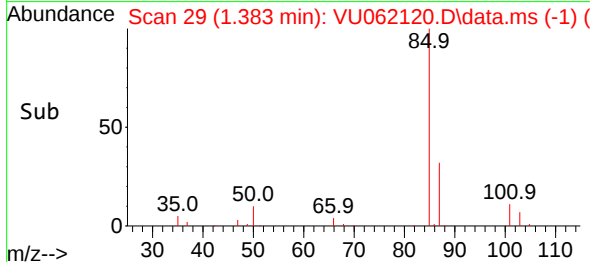
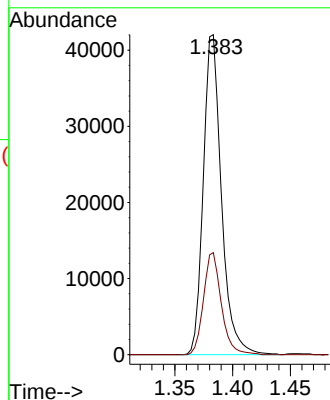
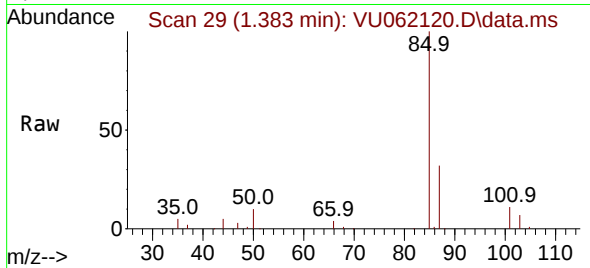




#2
Dichlorodifluoromethane
Concen: 4.974 ug/L
RT: 1.383 min Scan# 29
Delta R.T. -0.000 min
Lab File: VU062120.D
Acq: 06 Dec 2024 00:05

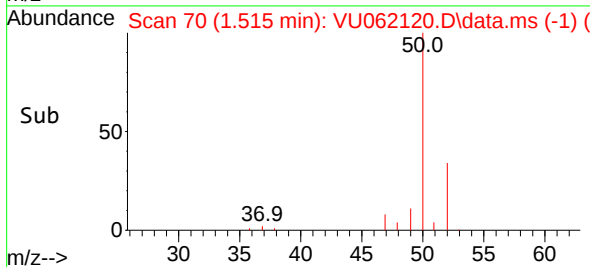
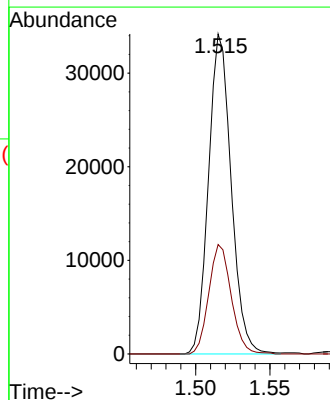
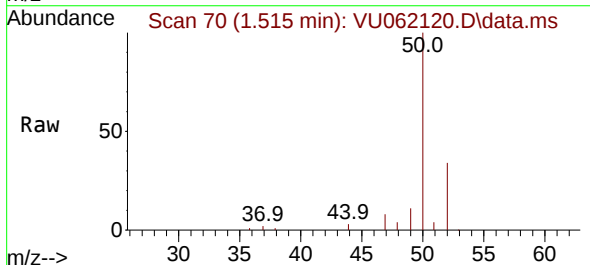
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MSVOA_U
ClientSampleId :

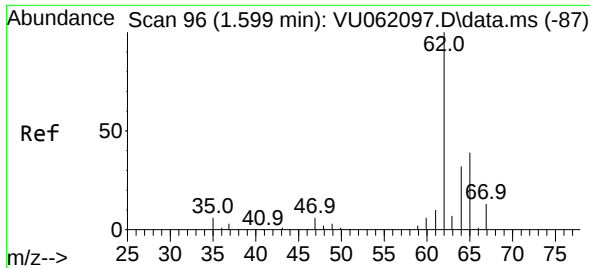
Tgt Ion: 85 Resp: 45816
Ion Ratio Lower Upper
85 100
87 31.3 26.6 40.0



#3
Chloromethane
Concen: 3.818 ug/L
RT: 1.515 min Scan# 70
Delta R.T. -0.000 min
Lab File: VU062120.D
Acq: 06 Dec 2024 00:05

Tgt Ion: 50 Resp: 36253
Ion Ratio Lower Upper
50 100
52 34.2 23.1 42.9

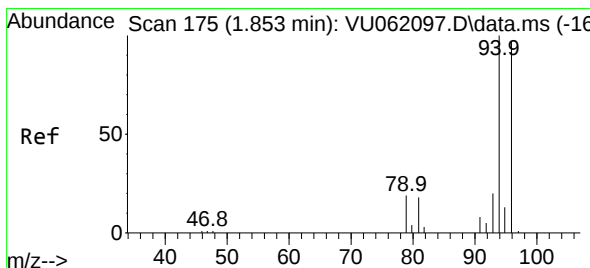
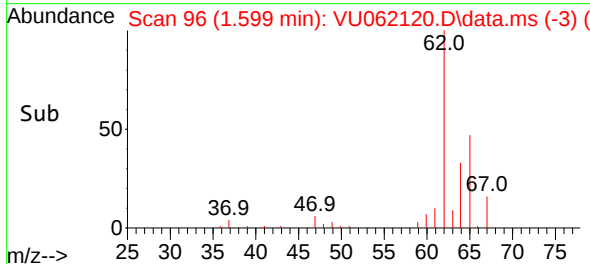
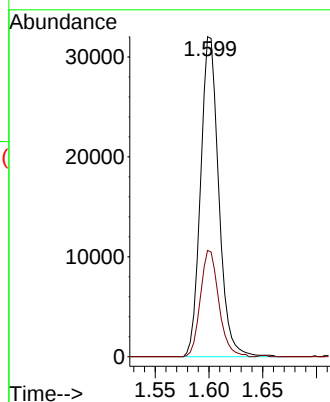
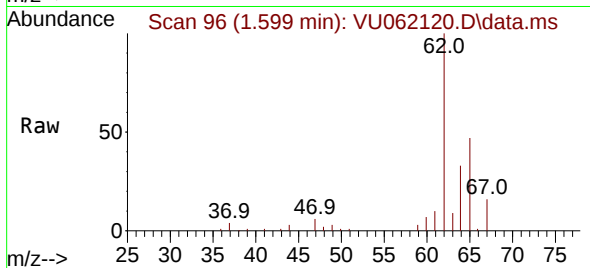




#5
Vinyl chloride
Concen: 3.867 ug/L
RT: 1.599 min Scan# 96
Delta R.T. -0.000 min
Lab File: VU062120.D
Acq: 06 Dec 2024 00:05

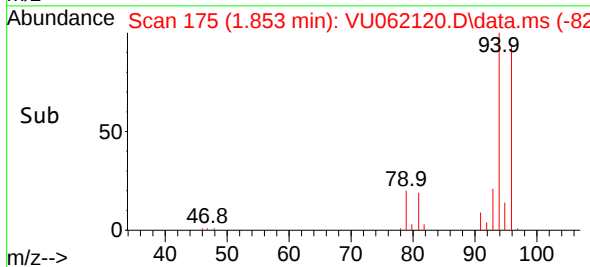
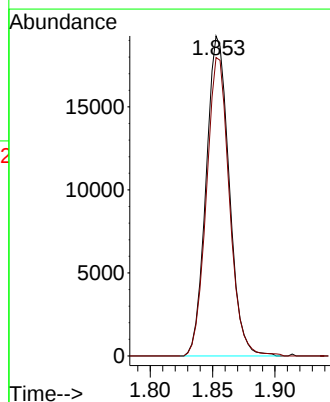
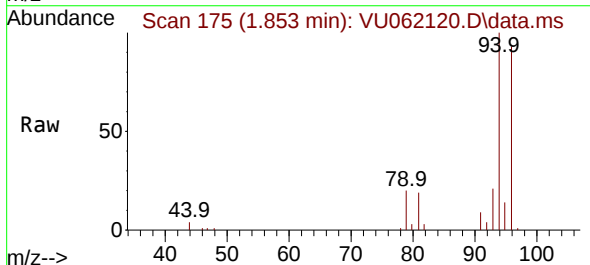
Instrument :
MSVOA_U
ClientSampleId :

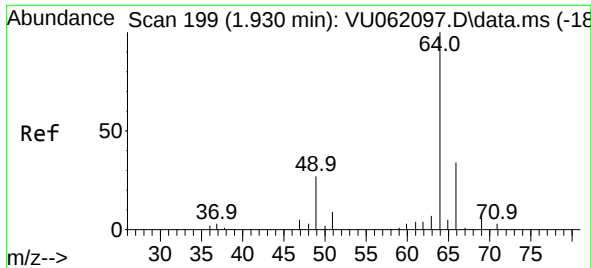
Tgt Ion: 62 Resp: 37724
Ion Ratio Lower Upper
62 100
64 33.2 23.1 42.9



#6
Bromomethane
Concen: 4.268 ug/L
RT: 1.853 min Scan# 175
Delta R.T. -0.000 min
Lab File: VU062120.D
Acq: 06 Dec 2024 00:05

Tgt Ion: 94 Resp: 24783
Ion Ratio Lower Upper
94 100
96 93.3 64.5 119.9

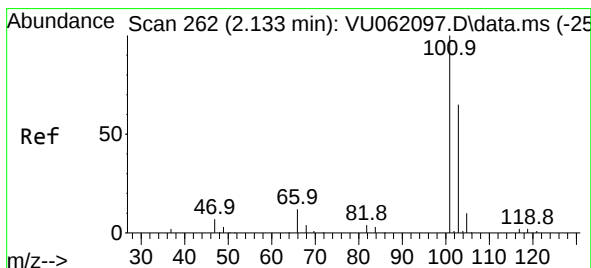
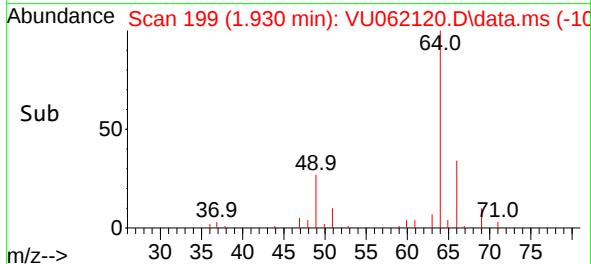
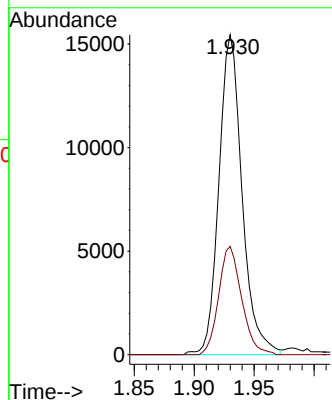
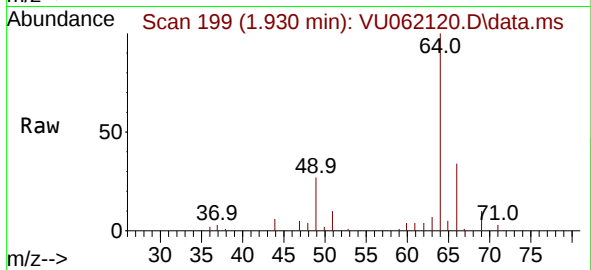




#8
Chloroethane
Concen: 3.296 ug/L
RT: 1.930 min Scan# 199
Delta R.T. -0.000 min
Lab File: VU062120.D
Acq: 06 Dec 2024 00:05

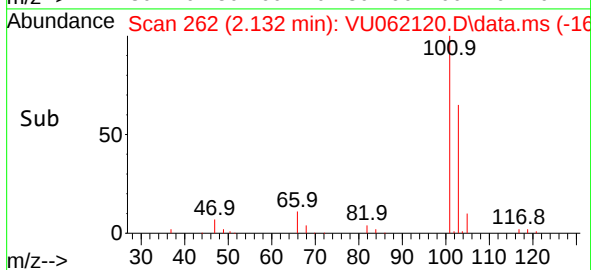
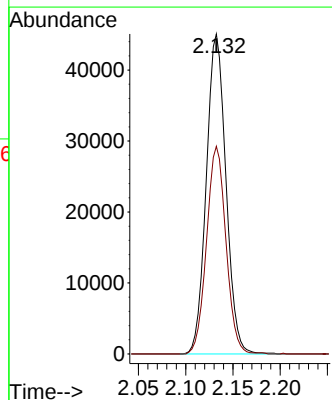
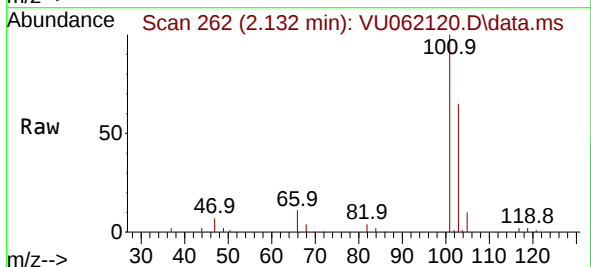
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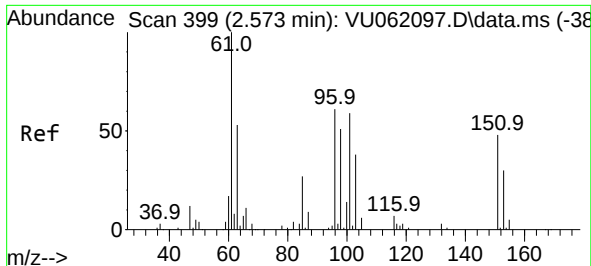
Tgt Ion: 64 Resp: 20729
Ion Ratio Lower Upper
64 100
66 33.9 23.2 43.2



#9
Trichlorofluoromethane
Concen: 5.276 ug/L
RT: 2.132 min Scan# 262
Delta R.T. -0.000 min
Lab File: VU062120.D
Acq: 06 Dec 2024 00:05

Tgt Ion:101 Resp: 65099
Ion Ratio Lower Upper
101 100
103 64.0 50.6 75.8

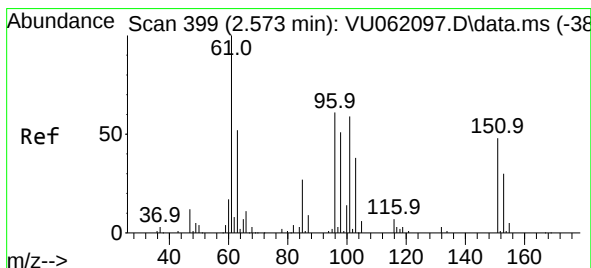
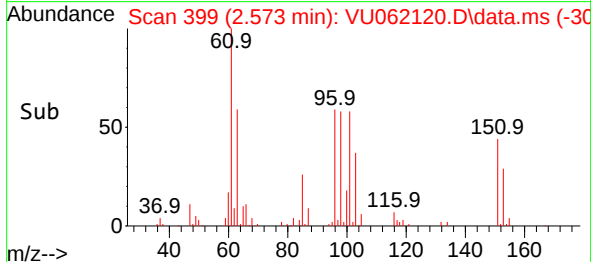
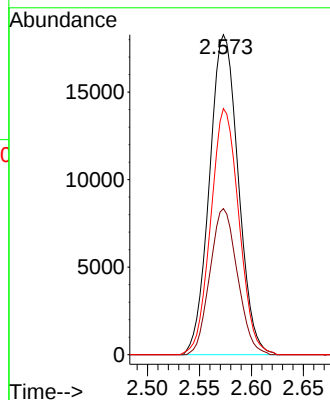
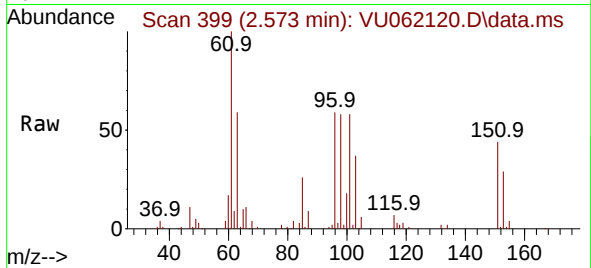




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 4.642 ug/L
 RT: 2.573 min Scan# 399
 Delta R.T. -0.000 min
 Lab File: VU062120.D
 Acq: 06 Dec 2024 00:05

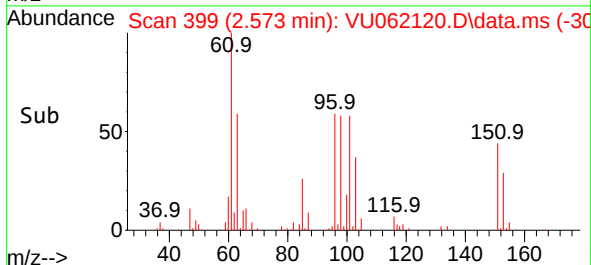
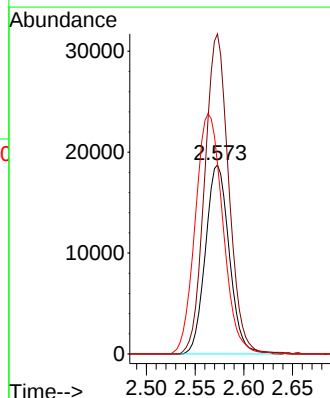
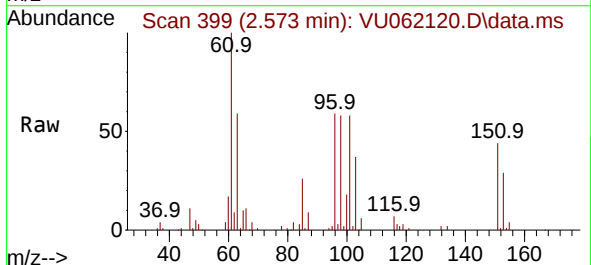
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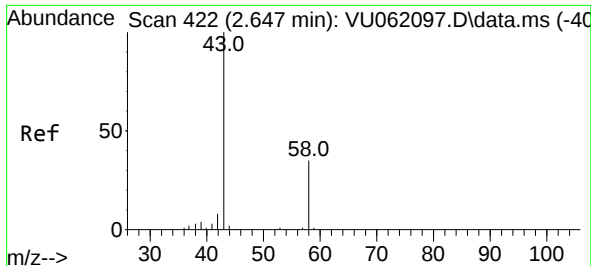
Tgt Ion:101 Resp: 35246
 Ion Ratio Lower Upper
 101 100
 85 43.6 38.0 57.0
 151 75.4 55.3 82.9



#12
 1,1-Dichloroethene
 Concen: 4.505 ug/L
 RT: 2.573 min Scan# 399
 Delta R.T. -0.000 min
 Lab File: VU062120.D
 Acq: 06 Dec 2024 00:05

Tgt Ion: 96 Resp: 31808
 Ion Ratio Lower Upper
 96 100
 61 169.2 119.6 222.2
 63 100.6 65.0 120.6





#13

Acetone

Concen: 43.029 ug/L

RT: 2.644 min Scan# 41

Delta R.T. -0.003 min

Lab File: VU062120.D

Acq: 06 Dec 2024 00:05

Instrument :

MSVOA_U

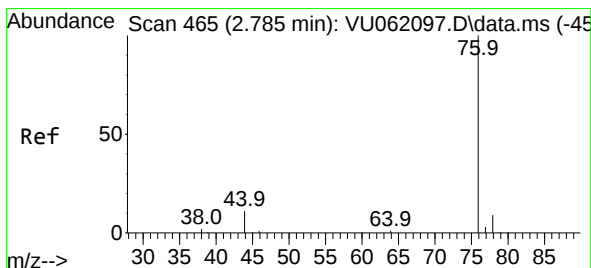
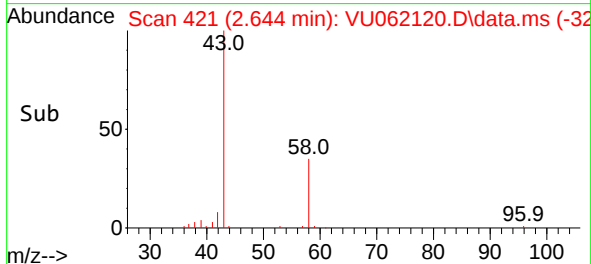
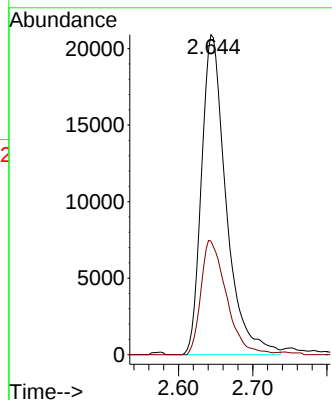
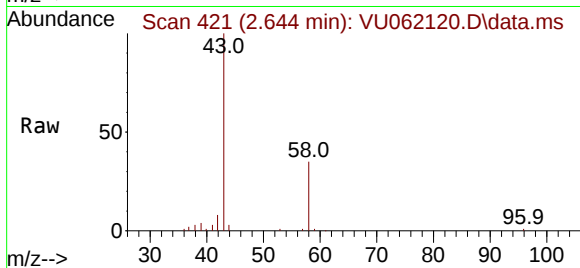
ClientSampleId :

Tgt Ion: 43 Resp: 48179

Ion Ratio Lower Upper

43 100

58 36.8 0.0 64.0



#14

Carbon disulfide

Concen: 4.100 ug/L

RT: 2.785 min Scan# 465

Delta R.T. -0.000 min

Lab File: VU062120.D

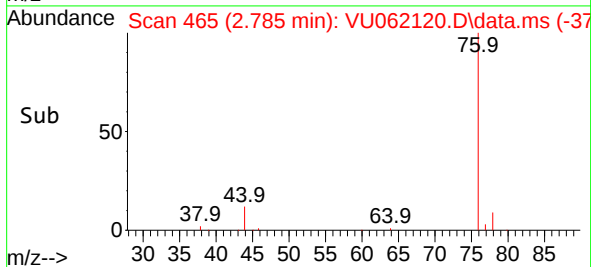
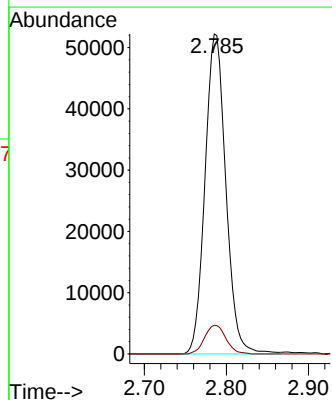
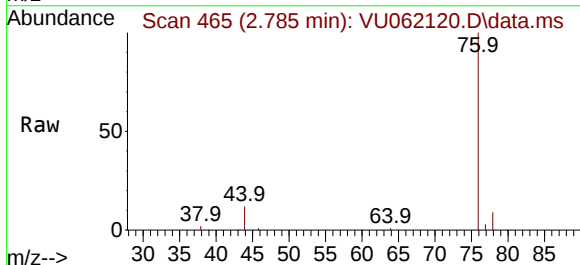
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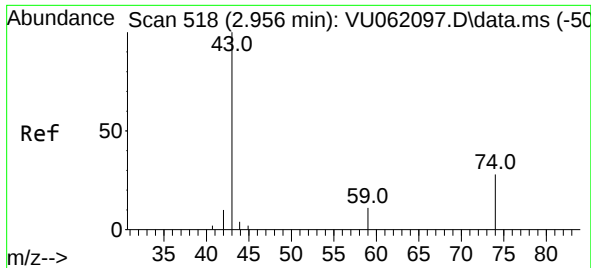
Tgt Ion: 76 Resp: 92090

Ion Ratio Lower Upper

76 100

78 9.0 7.5 11.3

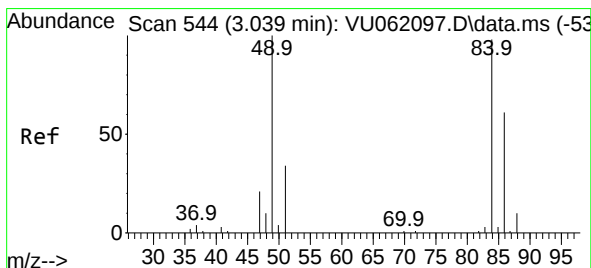
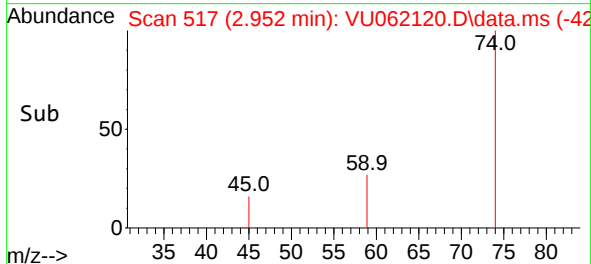
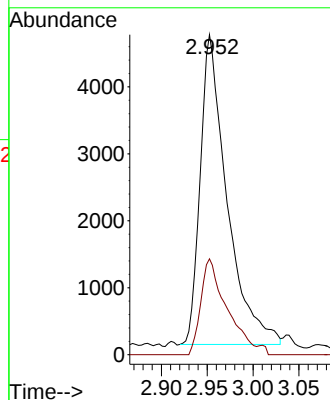
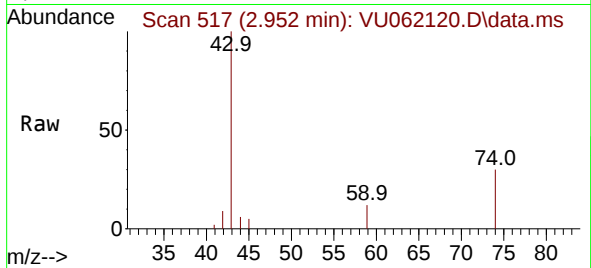




#15
Methyl Acetate
Concen: 3.261 ug/L
RT: 2.952 min Scan# 518
Delta R.T. -0.003 min
Lab File: VU062120.D
Acq: 06 Dec 2024 00:05

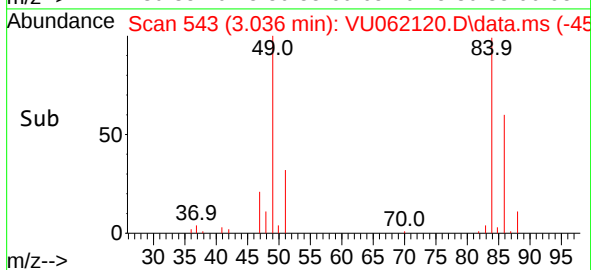
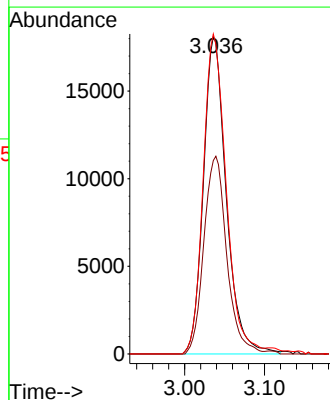
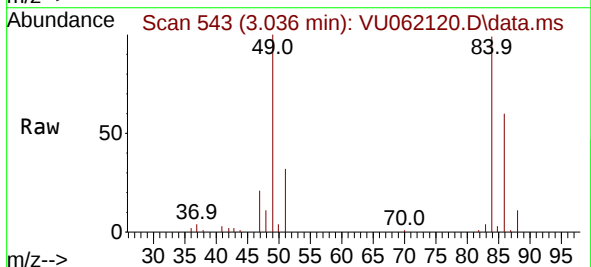
Instrument :
MSVOA_U
ClientSampleId :

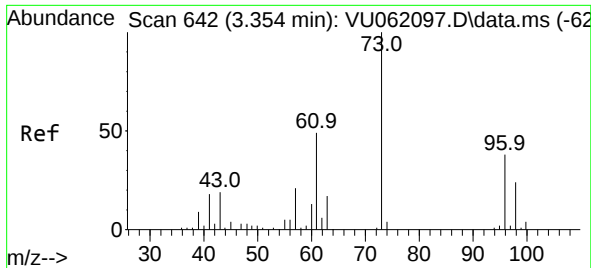
Tgt Ion: 43 Resp: 9376
Ion Ratio Lower Upper
43 100
74 29.9 19.4 29.2#



#16
Methylene chloride
Concen: 4.243 ug/L
RT: 3.036 min Scan# 543
Delta R.T. -0.003 min
Lab File: VU062120.D
Acq: 06 Dec 2024 00:05

Tgt Ion: 84 Resp: 35976
Ion Ratio Lower Upper
84 100
86 61.0 43.5 80.7
49 100.8 81.9 152.1

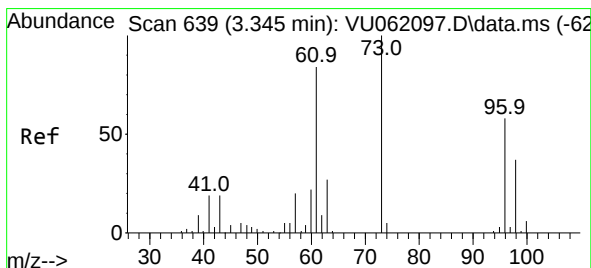
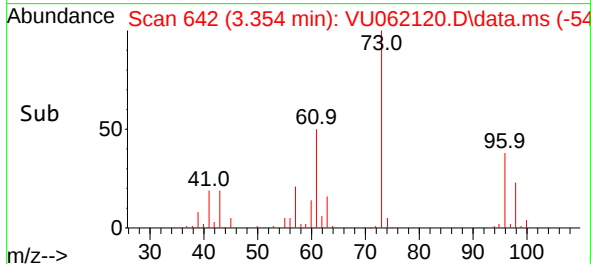
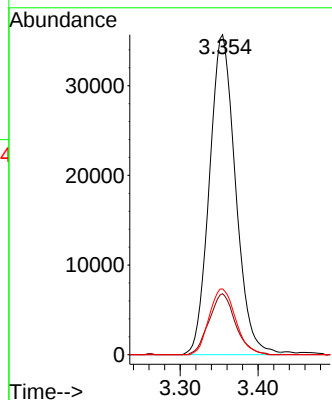
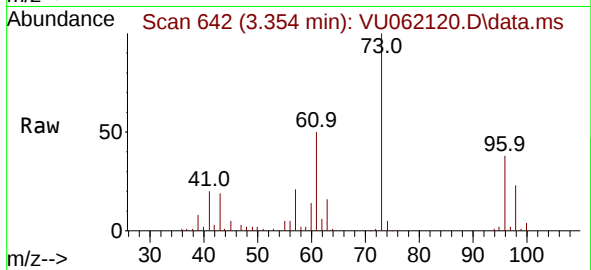




#17
Methyl tert-butyl Ether
Concen: 4.596 ug/L
RT: 3.354 min Scan# 642
Delta R.T. -0.000 min
Lab File: VU062120.D
Acq: 06 Dec 2024 00:05

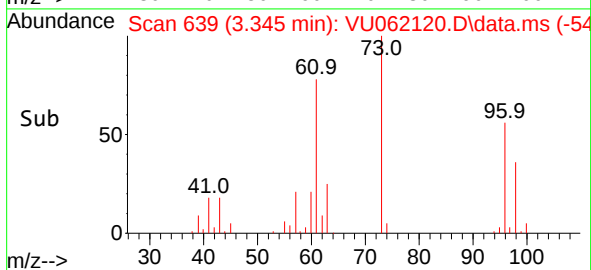
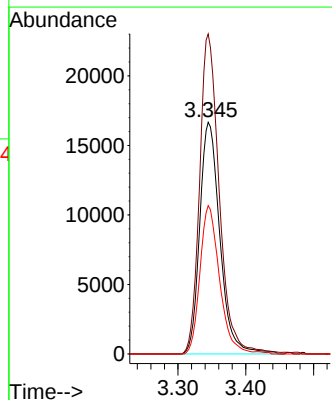
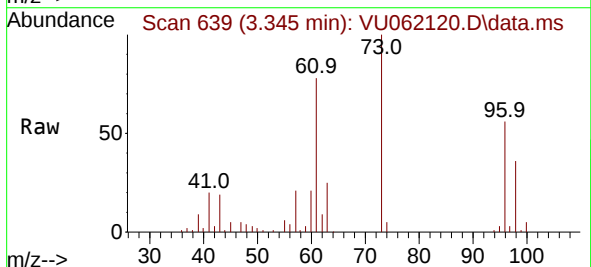
Instrument :
MSVOA_U
ClientSampleId :

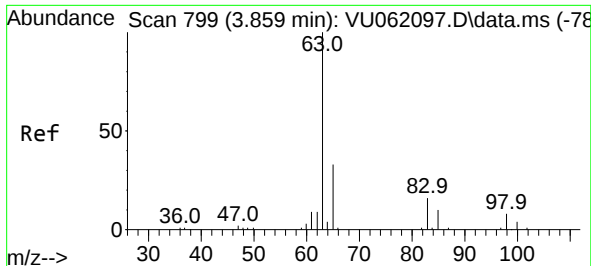
Tgt Ion: 73	Resp: 83176
Ion Ratio	Lower Upper
73 100	
43 19.3	16.3 24.5
57 20.8	17.1 25.7



#18
trans-1,2-Dichloroethene
Concen: 4.614 ug/L
RT: 3.345 min Scan# 639
Delta R.T. -0.000 min
Lab File: VU062120.D
Acq: 06 Dec 2024 00:05

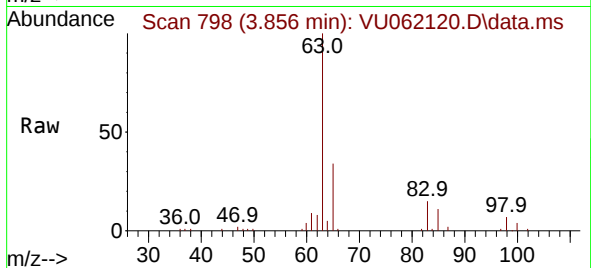
Tgt Ion: 96	Resp: 34434		
Ion Ratio	Lower	Upper	
96 100			
61 138.1	104.2	193.4	
98 64.0	45.7	84.9	



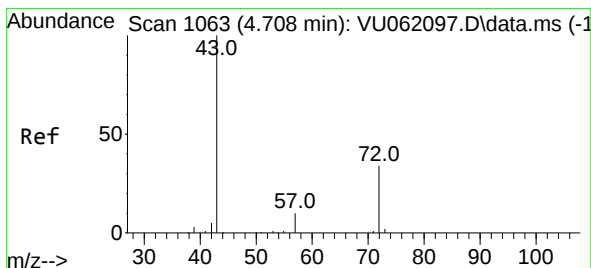
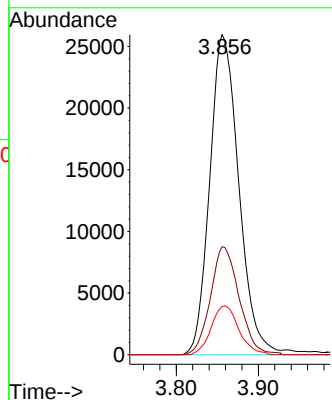
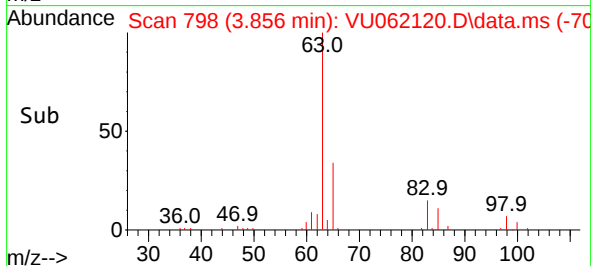


#19
1,1-Dichloroethane
Concen: 4.385 ug/L
RT: 3.856 min Scan# 799
Delta R.T. -0.003 min
Lab File: VU062120.D
Acq: 06 Dec 2024 00:05

Instrument :
MSVOA_U
ClientSampleId :

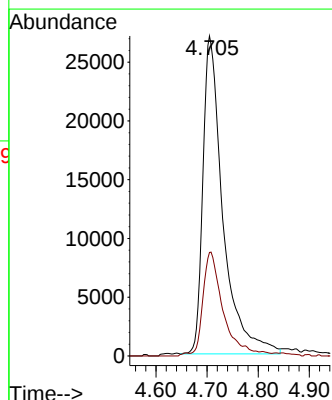
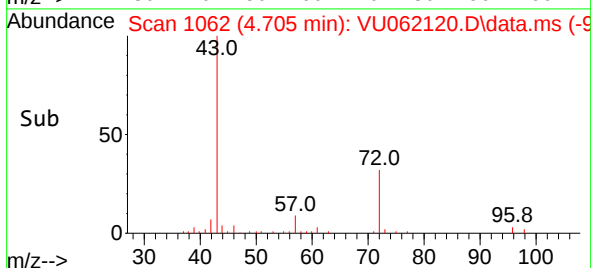
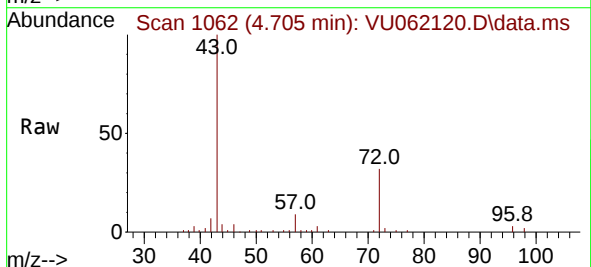


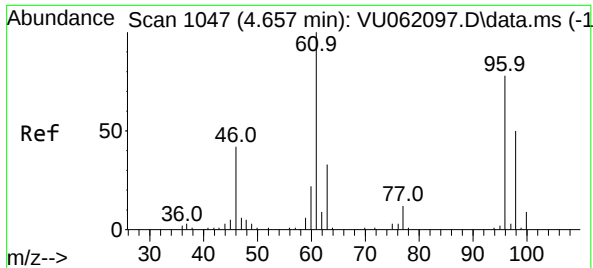
Tgt Ion: 63 Resp: 63755
Ion Ratio Lower Upper
63 100
65 33.8 22.7 42.3
83 15.0 9.9 18.3



#21
2-Butanone
Concen: 40.673 ug/L
RT: 4.705 min Scan# 1062
Delta R.T. -0.003 min
Lab File: VU062120.D
Acq: 06 Dec 2024 00:05

Tgt Ion: 43 Resp: 73603
Ion Ratio Lower Upper
43 100
72 30.9 14.8 44.4

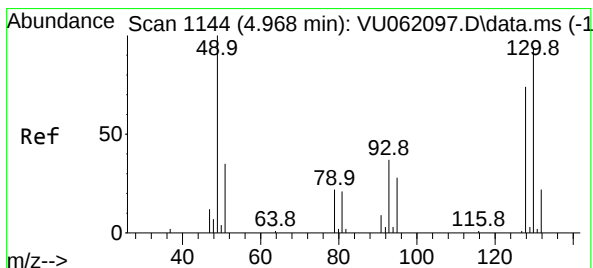
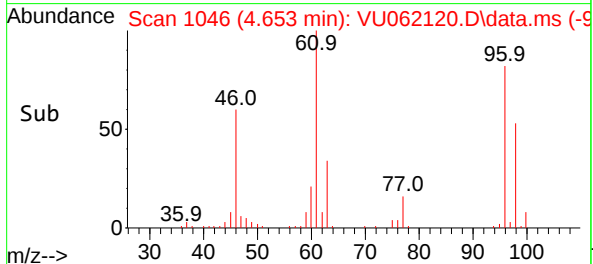
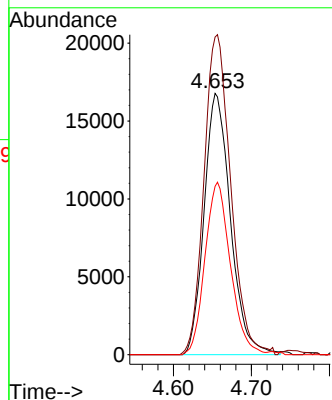
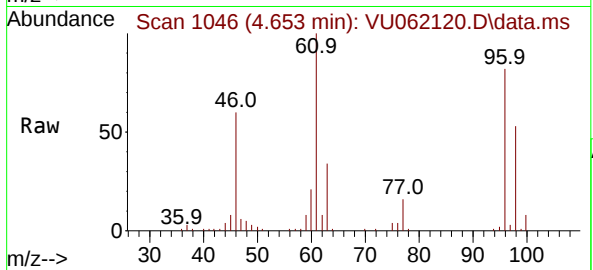




#22
 cis-1,2-Dichloroethene
 Concen: 4.704 ug/L
 RT: 4.653 min Scan# 1046
 Delta R.T. -0.003 min
 Lab File: VU062120.D
 Acq: 06 Dec 2024 00:05

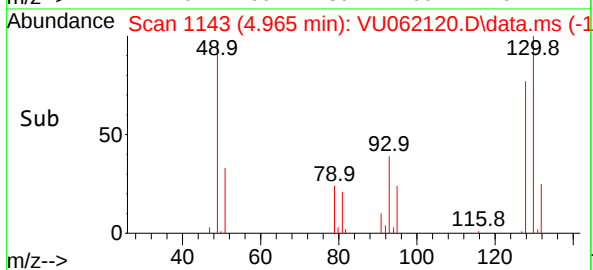
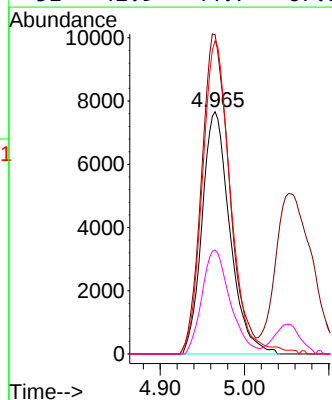
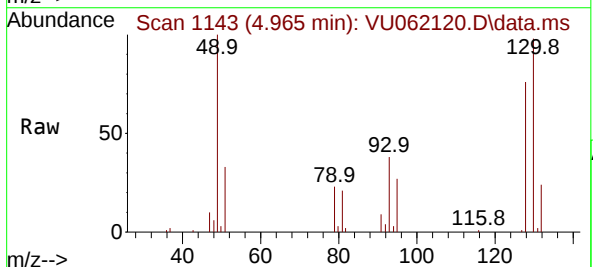
Instrument :
 MSVOA_U
 ClientSampleId :

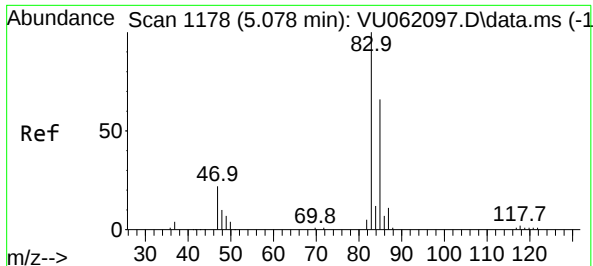
Tgt Ion: 96 Resp: 39511
 Ion Ratio Lower Upper
 96 100
 61 121.6 92.0 170.8
 98 64.4 44.5 82.7



#23
 Bromochloromethane
 Concen: 4.814 ug/L
 RT: 4.965 min Scan# 1143
 Delta R.T. -0.003 min
 Lab File: VU062120.D
 Acq: 06 Dec 2024 00:05

Tgt Ion:128 Resp: 17577
 Ion Ratio Lower Upper
 128 100
 49 136.0 115.3 214.1
 130 129.2 92.0 170.8
 51 42.9 44.7 67.1#





#25

Chloroform

Concen: 4.750 ug/L

RT: 5.078 min Scan# 1178

Delta R.T. -0.000 min

Lab File: VU062120.D

Acq: 06 Dec 2024 00:05

Instrument :

MSVOA_U

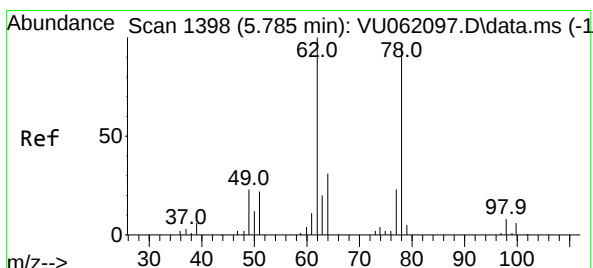
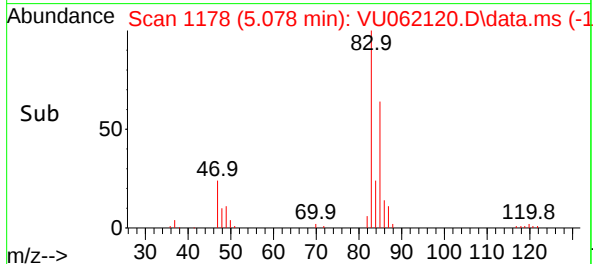
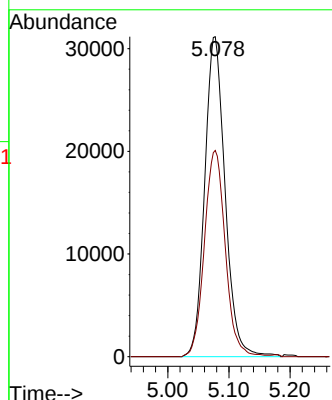
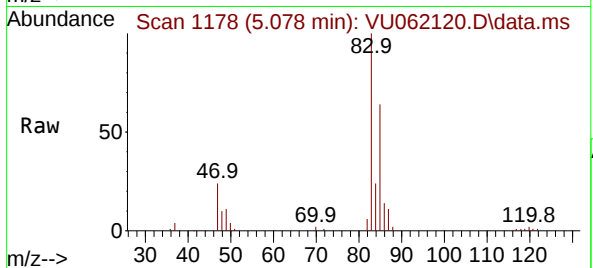
ClientSampleId :

Tgt Ion: 83 Resp: 72187

Ion Ratio Lower Upper

83 100

85 64.5 45.4 84.2



#27

1,2-Dichloroethane

Concen: 4.716 ug/L

RT: 5.782 min Scan# 1397

Delta R.T. -0.003 min

Lab File: VU062120.D

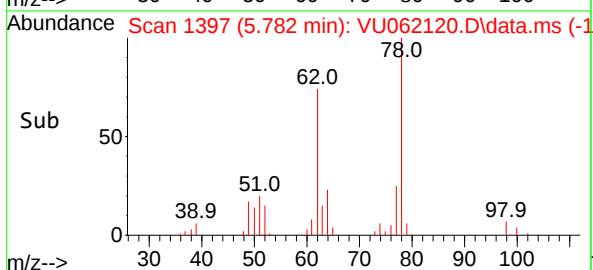
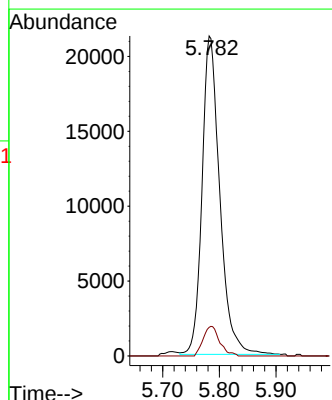
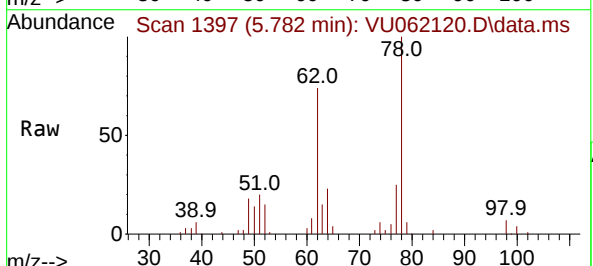
Acq: 06 Dec 2024 00:05

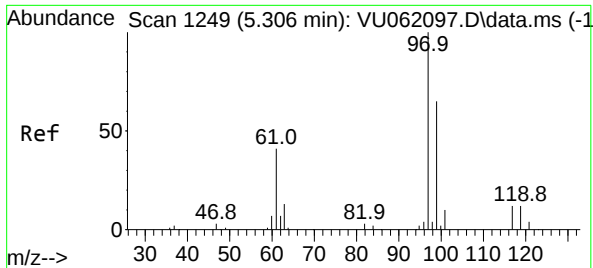
Tgt Ion: 62 Resp: 46110

Ion Ratio Lower Upper

62 100

98 8.9 7.4 11.0

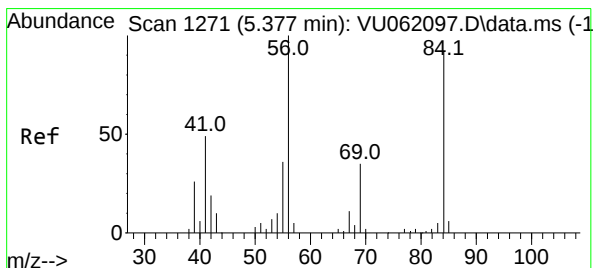
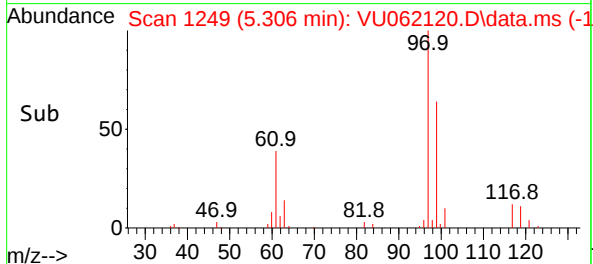
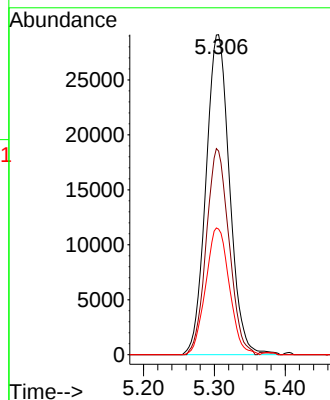
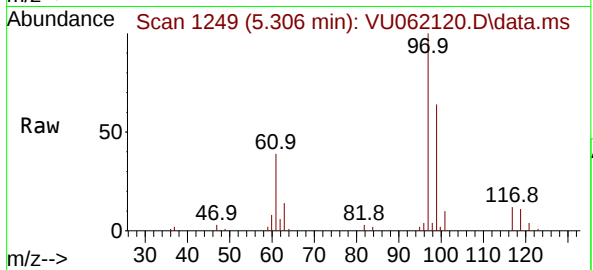




#29
1,1,1-Trichloroethane
Concen: 5.749 ug/L
RT: 5.306 min Scan# 1249
Delta R.T. -0.000 min
Lab File: VU062120.D
Acq: 06 Dec 2024 00:05

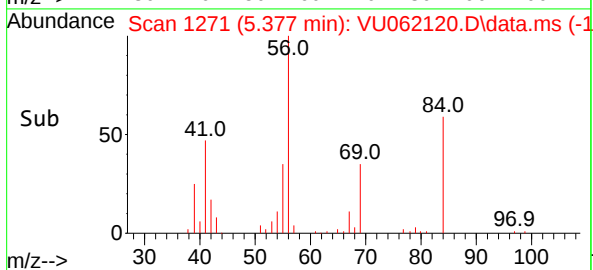
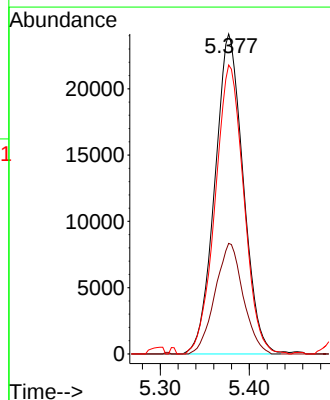
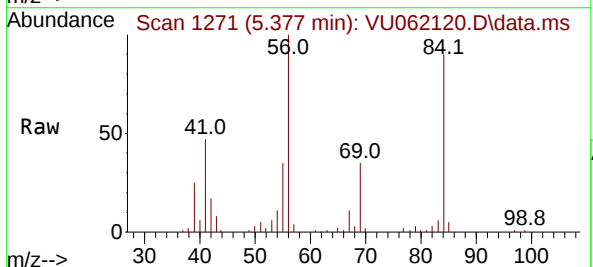
Instrument :
MSVOA_U
ClientSampleId :

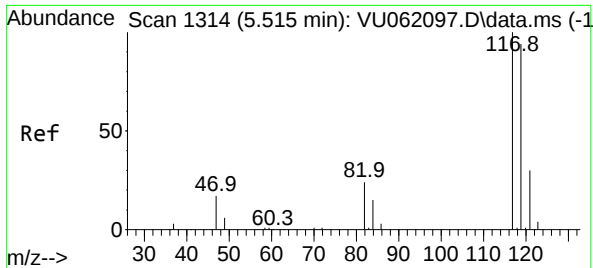
Tgt Ion: 97 Resp: 67386
Ion Ratio Lower Upper
97 100
99 62.0 51.4 77.2
61 39.6 37.8 56.6



#30
Cyclohexane
Concen: 4.350 ug/L
RT: 5.377 min Scan# 1271
Delta R.T. -0.000 min
Lab File: VU062120.D
Acq: 06 Dec 2024 00:05

Tgt Ion: 56 Resp: 53329
Ion Ratio Lower Upper
56 100
69 34.3 25.1 37.7
84 91.1 70.6 105.8

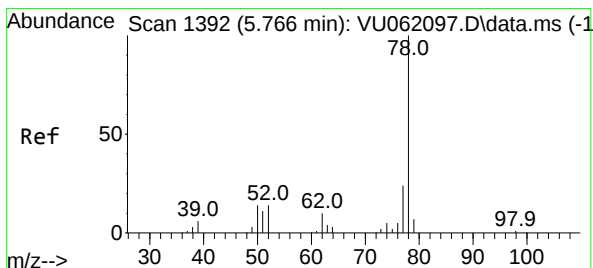
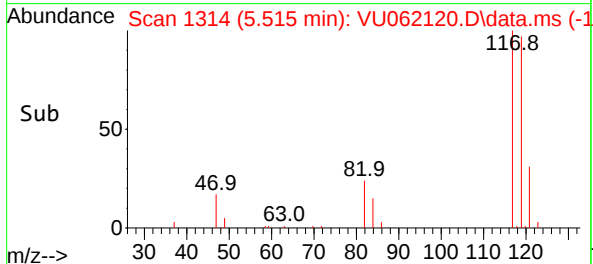
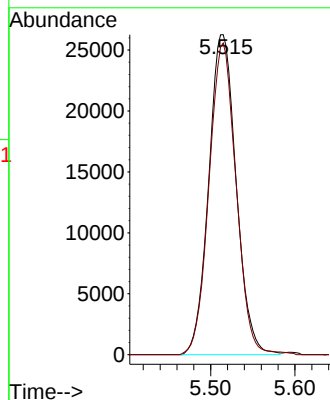
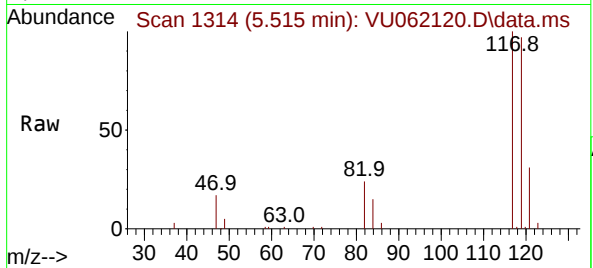




#31
Carbon tetrachloride
Concen: 5.970 ug/L
RT: 5.515 min Scan# 1314
Delta R.T. -0.000 min
Lab File: VU062120.D
Acq: 06 Dec 2024 00:05

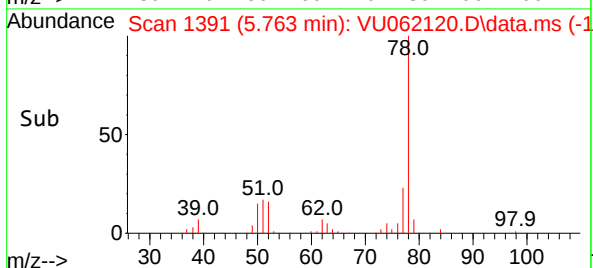
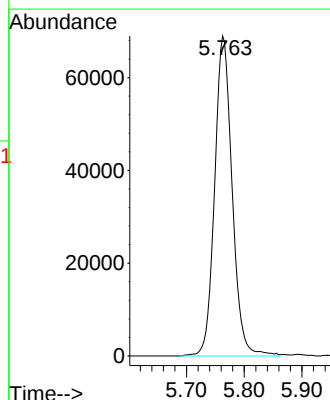
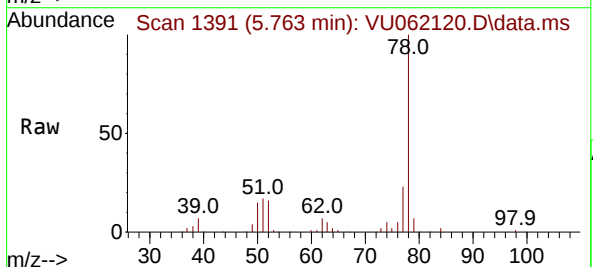
Instrument :
MSVOA_U
ClientSampleId :

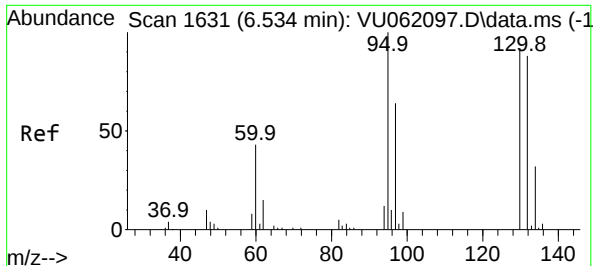
Tgt Ion:117 Resp: 59415
Ion Ratio Lower Upper
117 100
119 95.8 77.5 116.3



#33
Benzene
Concen: 4.736 ug/L
RT: 5.763 min Scan# 1391
Delta R.T. -0.003 min
Lab File: VU062120.D
Acq: 06 Dec 2024 00:05

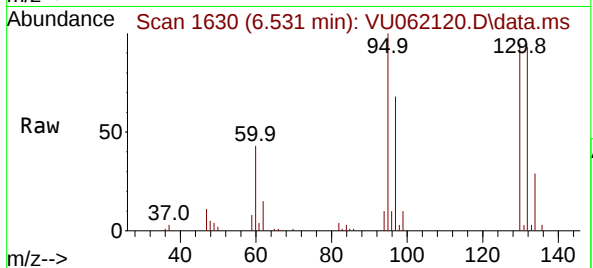
Tgt Ion: 78 Resp: 145439



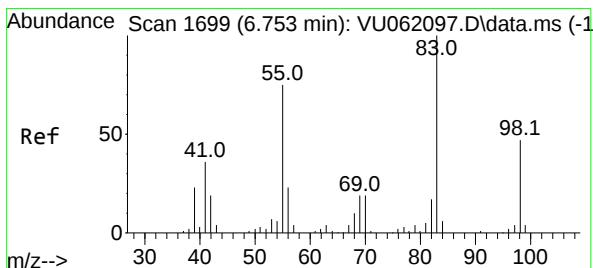
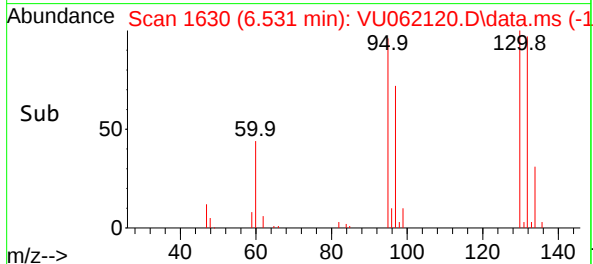
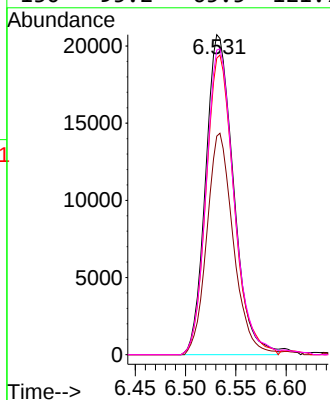


#34
Trichloroethene
Concen: 4.879 ug/L
RT: 6.531 min Scan# 1630
Delta R.T. -0.003 min
Lab File: VU062120.D
Acq: 06 Dec 2024 00:05

Instrument :
MSVOA_U
ClientSampleId :

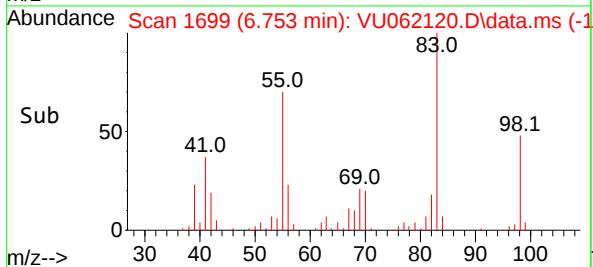
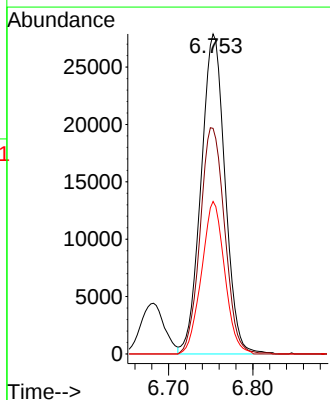
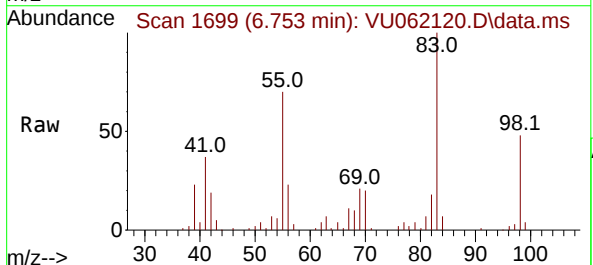


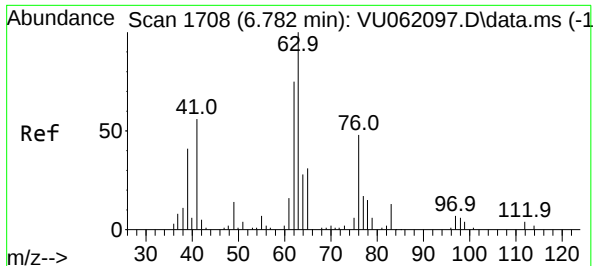
Tgt Ion: 95 Resp: 39992
Ion Ratio Lower Upper
95 100
97 68.3 45.9 85.3
132 92.7 63.8 118.4
130 95.2 65.5 121.7



#35
Methylcyclohexane
Concen: 4.409 ug/L
RT: 6.753 min Scan# 1699
Delta R.T. -0.000 min
Lab File: VU062120.D
Acq: 06 Dec 2024 00:05

Tgt Ion: 83 Resp: 55276
Ion Ratio Lower Upper
83 100
55 72.2 60.7 91.1
98 45.9 34.8 52.2





#37

1,2-Dichloropropane

Concen: 4.672 ug/L

RT: 6.779 min Scan# 1

Delta R.T. -0.003 min

Lab File: VU062120.D

Acq: 06 Dec 2024 00:05

Instrument :

MSVOA_U

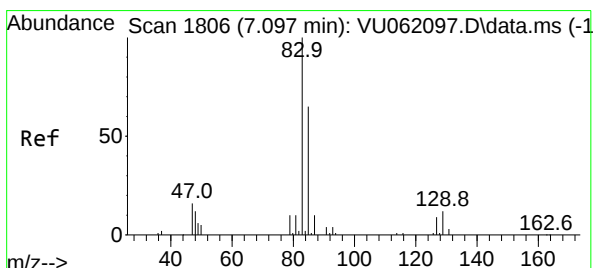
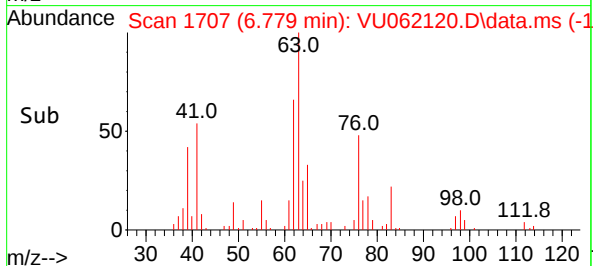
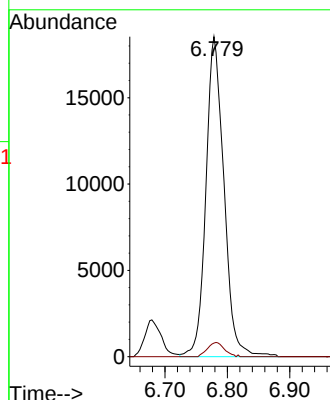
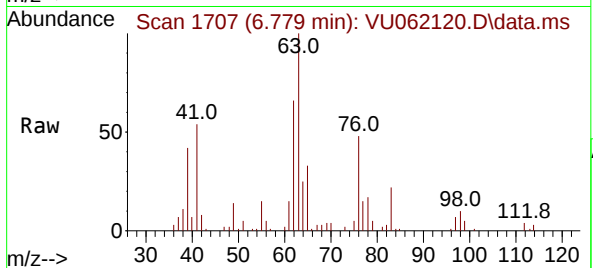
ClientSampleId :

Tgt Ion: 63 Resp: 37275

Ion Ratio Lower Upper

63 100

112 4.2 3.4 5.0



#38

Bromodichloromethane

Concen: 5.282 ug/L

RT: 7.097 min Scan# 1806

Delta R.T. -0.000 min

Lab File: VU062120.D

Acq: 06 Dec 2024 00:05

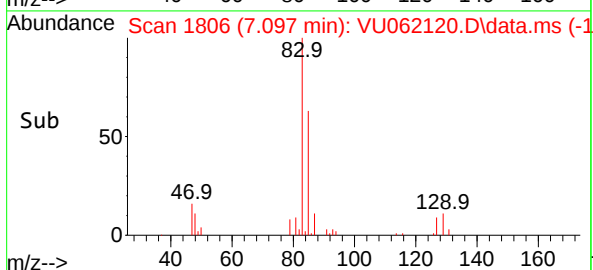
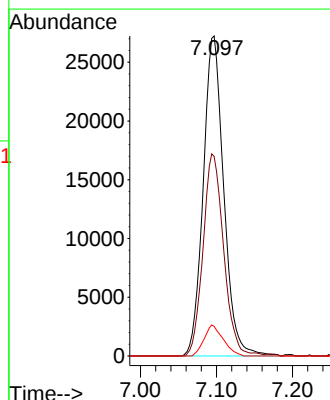
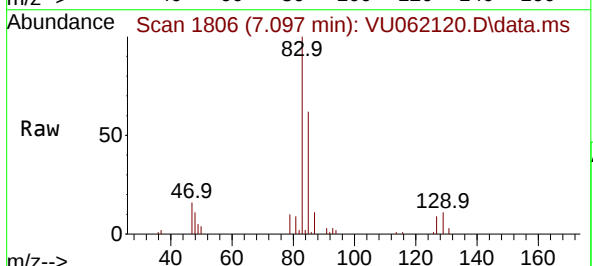
Tgt Ion: 83 Resp: 51107

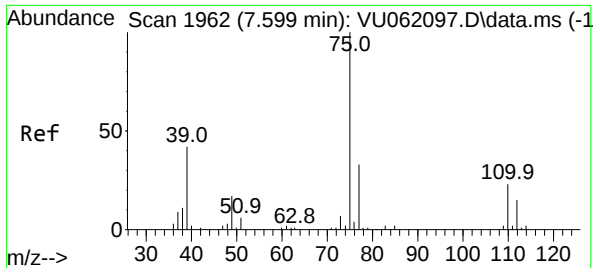
Ion Ratio Lower Upper

83 100

85 62.3 44.1 81.9

127 9.2 6.9 10.3





#39

cis-1,3-Dichloropropene

Concen: 5.066 ug/L

RT: 7.598 min Scan# 1962

Delta R.T. -0.000 min

Lab File: VU062120.D

Acq: 06 Dec 2024 00:05

Instrument :

MSVOA_U

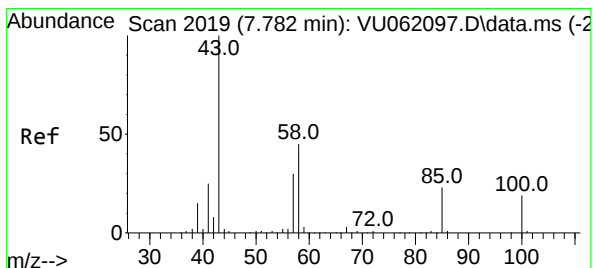
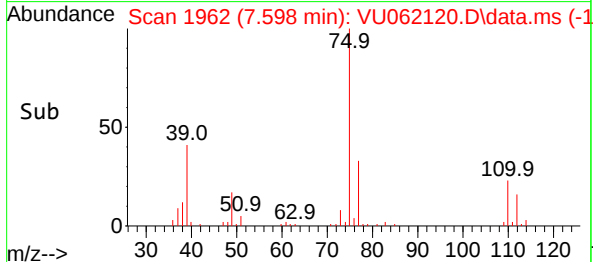
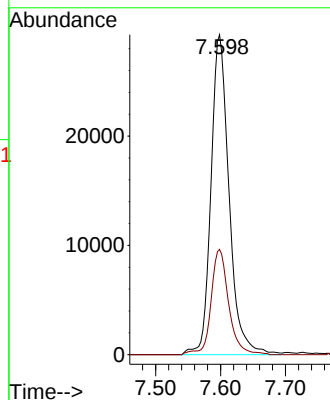
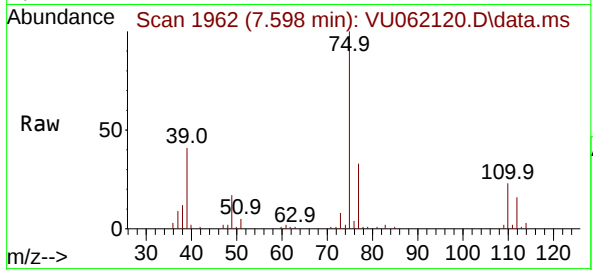
ClientSampleId :

Tgt Ion: 75 Resp: 56676

Ion Ratio Lower Upper

75 100

77 32.9 22.3 41.3



#40

4-Methyl-2-pentanone

Concen: 43.060 ug/L

RT: 7.782 min Scan# 2019

Delta R.T. -0.000 min

Lab File: VU062120.D

Acq: 06 Dec 2024 00:05

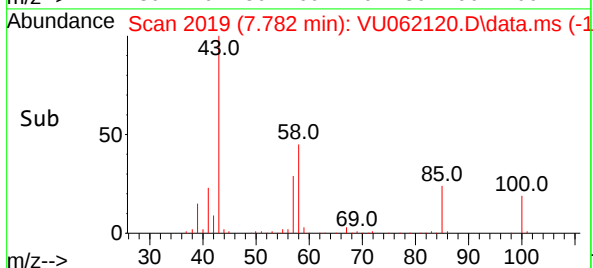
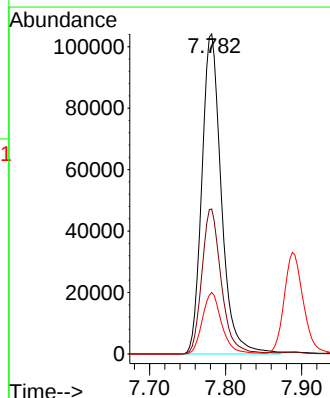
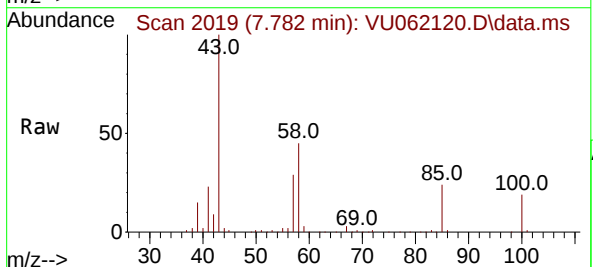
Tgt Ion: 43 Resp: 185359

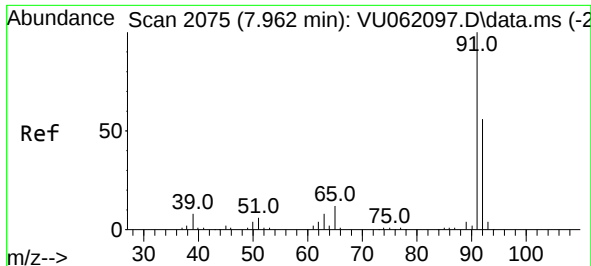
Ion Ratio Lower Upper

43 100

58 45.5 33.3 49.9

100 19.2 12.4 18.6#





#42

Toluene

Concen: 4.977 ug/L

RT: 7.959 min Scan# 2074

Delta R.T. -0.003 min

Lab File: VU062120.D

Acq: 06 Dec 2024 00:05

Instrument :

MSVOA_U

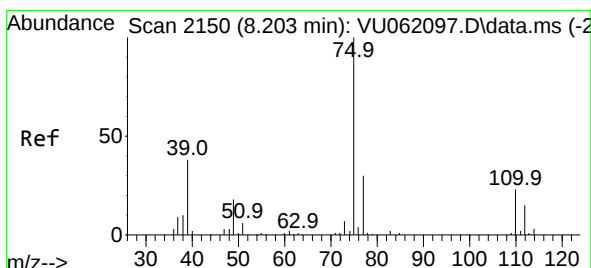
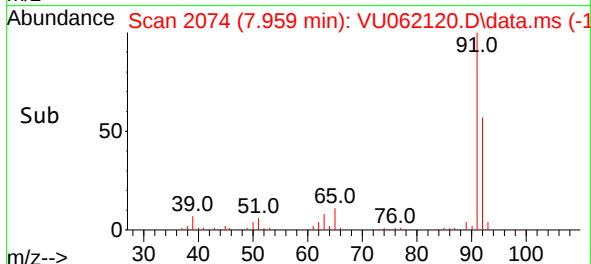
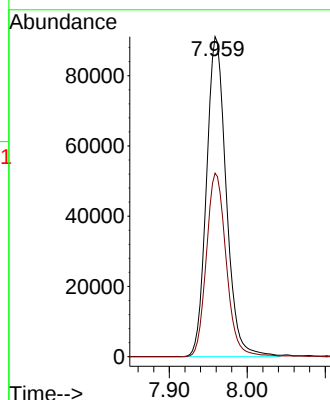
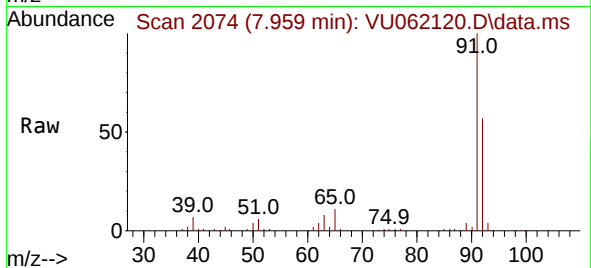
ClientSampleId :

Tgt Ion: 91 Resp: 160380

Ion Ratio Lower Upper

91 100

92 57.4 39.0 72.4



#44

trans-1,3-Dichloropropene

Concen: 5.363 ug/L

RT: 8.200 min Scan# 2149

Delta R.T. -0.003 min

Lab File: VU062120.D

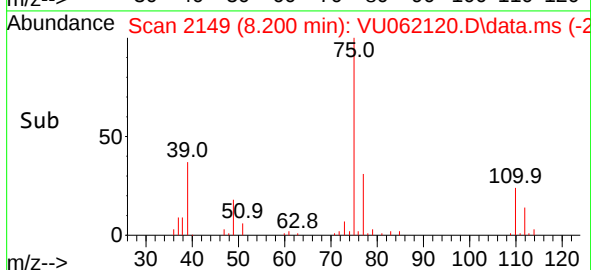
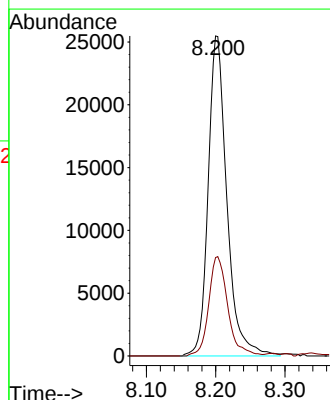
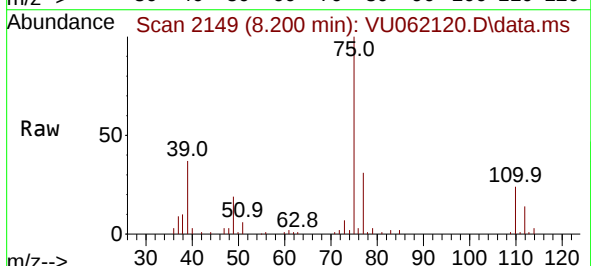
Acq: 06 Dec 2024 00:05

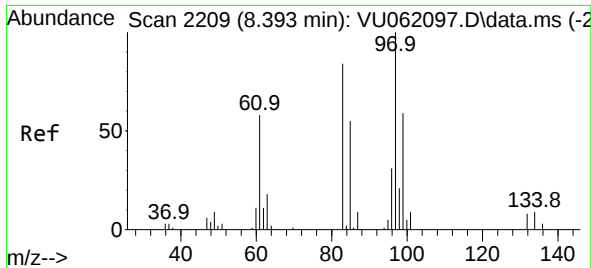
Tgt Ion: 75 Resp: 47640

Ion Ratio Lower Upper

75 100

77 30.7 21.8 40.4



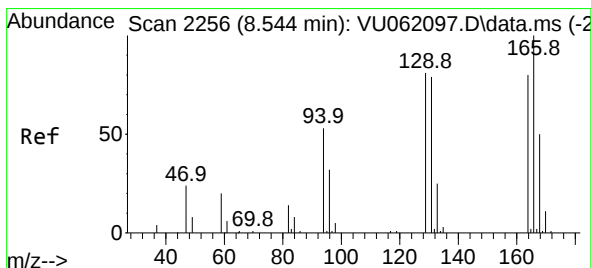
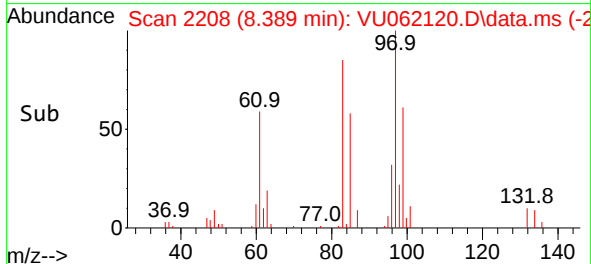
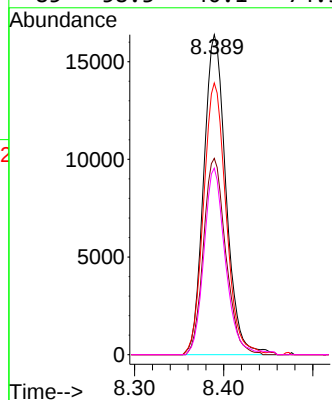
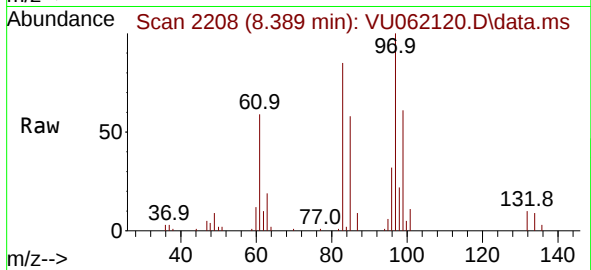


#45
1,1,2-Trichloroethane
Concen: 4.846 ug/L
RT: 8.389 min Scan# 21
Delta R.T. -0.003 min
Lab File: VU062120.D
Acq: 06 Dec 2024 00:05

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 97 Resp: 28484

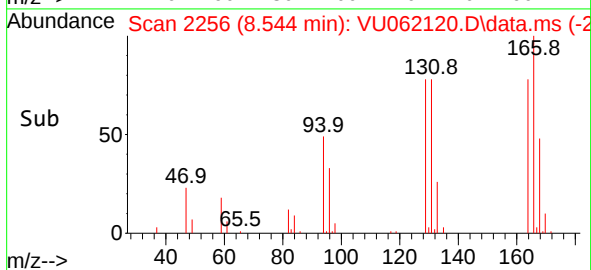
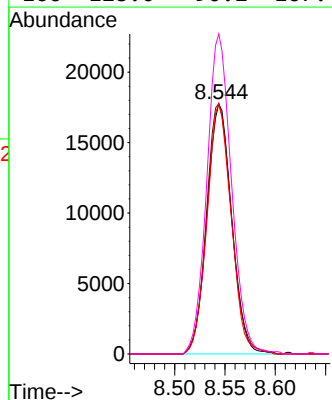
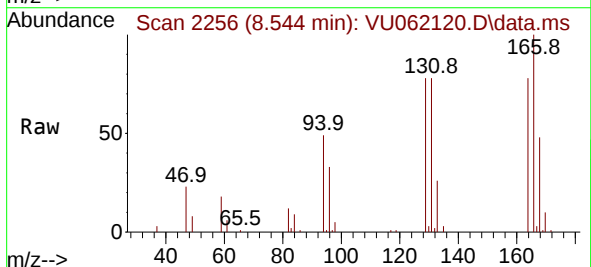
Ion	Ratio	Lower	Upper
97	100		
99	61.4	43.0	79.8
83	84.9	61.7	114.5
85	58.3	40.1	74.5

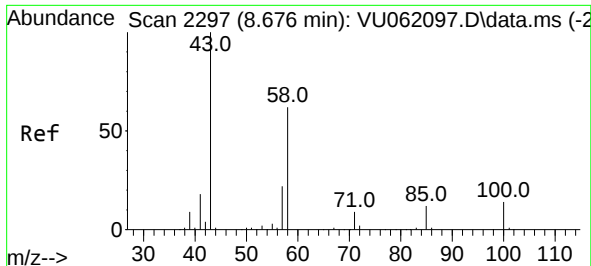


#47
Tetrachloroethene
Concen: 5.097 ug/L
RT: 8.544 min Scan# 2256
Delta R.T. -0.000 min
Lab File: VU062120.D
Acq: 06 Dec 2024 00:05

Tgt Ion: 164 Resp: 30380

Ion	Ratio	Lower	Upper
164	100		
129	100.2	73.2	136.0
131	100.1	72.3	134.3
166	128.0	90.2	167.4

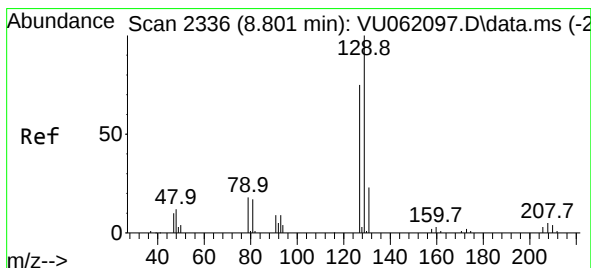
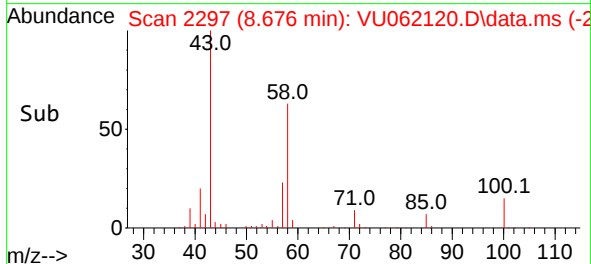
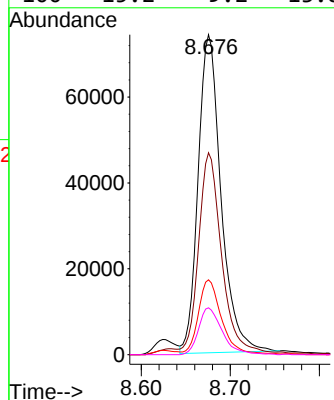
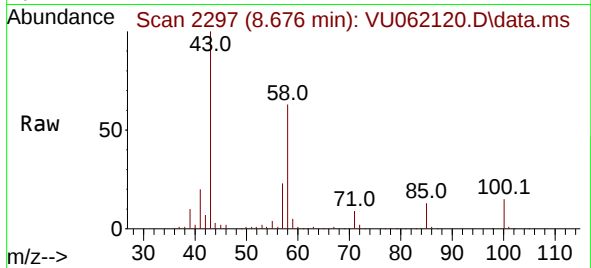




#48
2-Hexanone
Concen: 41.228 ug/L
RT: 8.676 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU062120.D
Acq: 06 Dec 2024 00:05

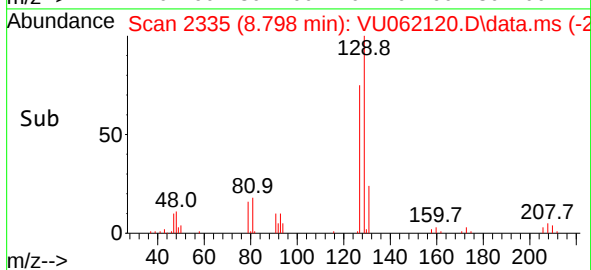
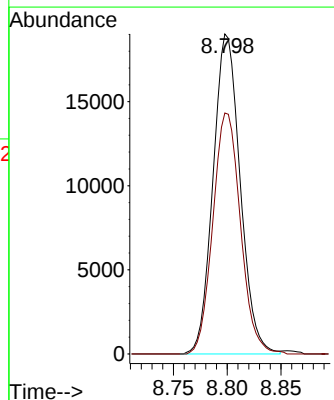
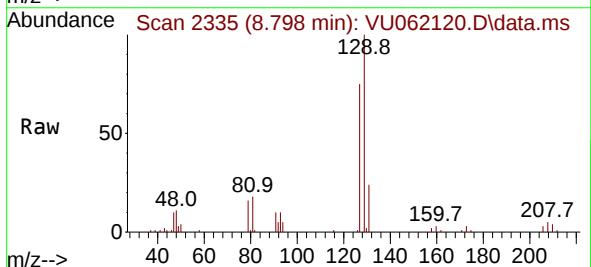
Instrument :
MSVOA_U
ClientSampleId :

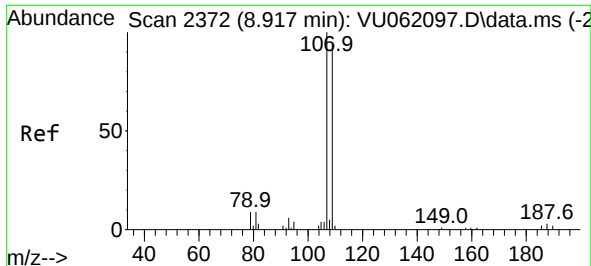
Tgt Ion: 43	Resp: 132914
Ion Ratio	Lower Upper
43 100	
58 62.4	47.5 71.3
57 23.3	15.6 23.4
100 15.2	9.2 13.8#



#49
Dibromochloromethane
Concen: 5.377 ug/L
RT: 8.798 min Scan# 2335
Delta R.T. -0.003 min
Lab File: VU062120.D
Acq: 06 Dec 2024 00:05

Tgt Ion:129	Resp:	33383	
Ion	Ratio	Lower	Upper
129	100		
127	75.3	51.1	94.9





#50

1,2-Dibromoethane

Concen: 4.726 ug/L

RT: 8.914 min Scan# 21

Delta R.T. -0.003 min

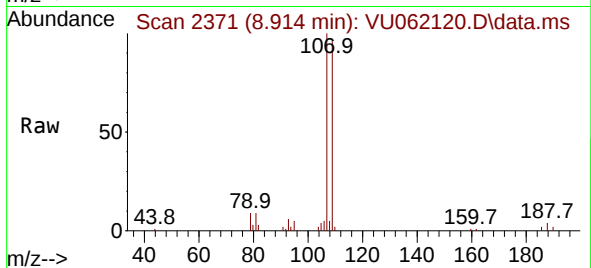
Lab File: VU062120.D

Acq: 06 Dec 2024 00:05

Instrument :

MSVOA_U

ClientSampleId :



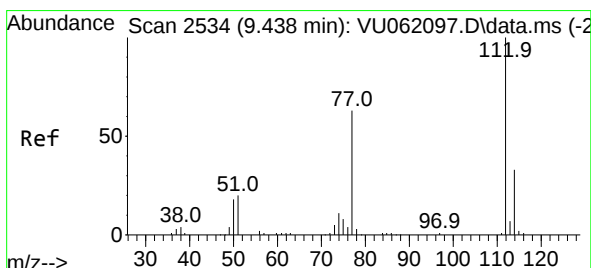
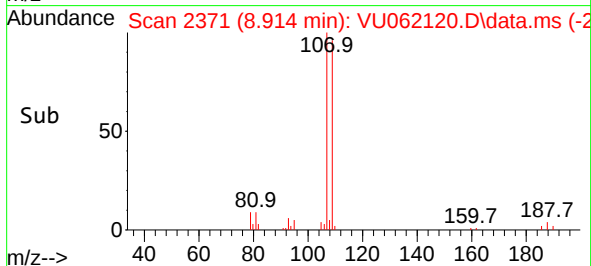
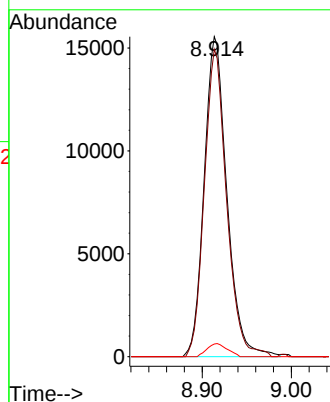
Tgt Ion:107 Resp: 27569

Ion Ratio Lower Upper

107 100

109 96.1 66.8 124.2

188 4.0 2.3 3.5#



#51

Chlorobenzene

Concen: 4.653 ug/L

RT: 9.438 min Scan# 2534

Delta R.T. -0.000 min

Lab File: VU062120.D

Acq: 06 Dec 2024 00:05

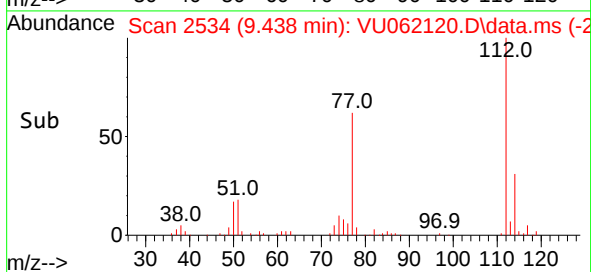
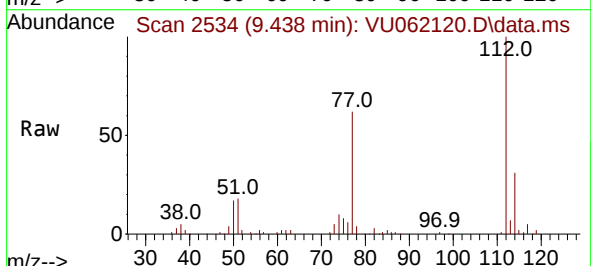
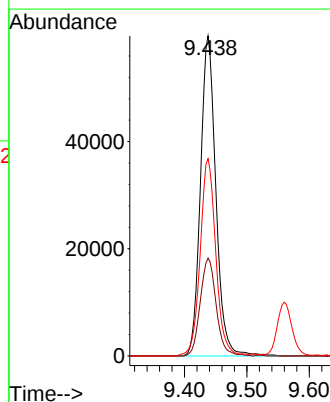
Tgt Ion:112 Resp: 102692

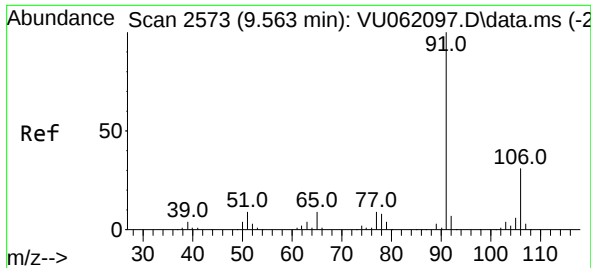
Ion Ratio Lower Upper

112 100

114 30.5 23.0 42.6

77 61.6 50.5 75.7

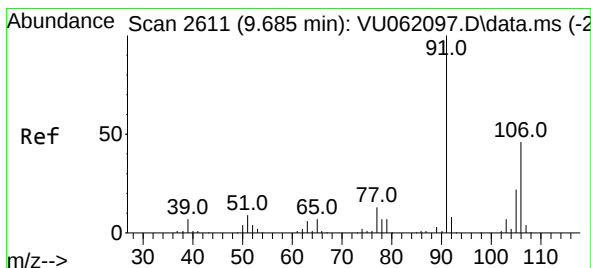
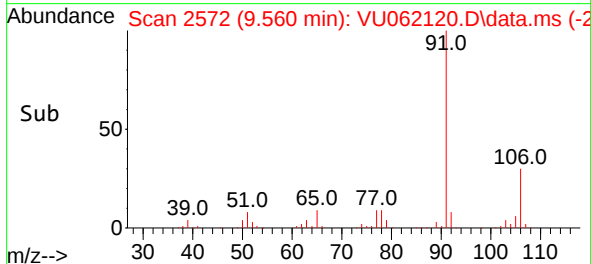
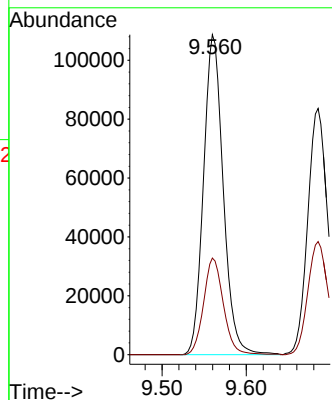
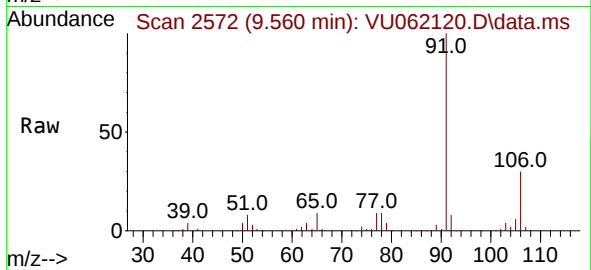




#52
Ethylbenzene
Concen: 4.596 ug/L
RT: 9.560 min Scan# 21
Delta R.T. -0.003 min
Lab File: VU062120.D
Acq: 06 Dec 2024 00:05

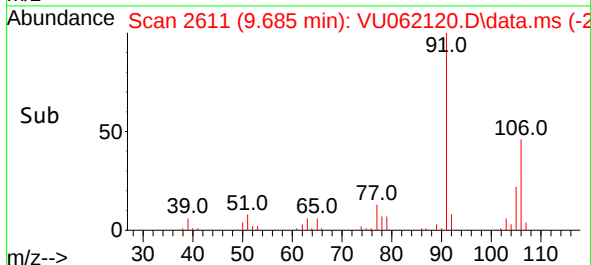
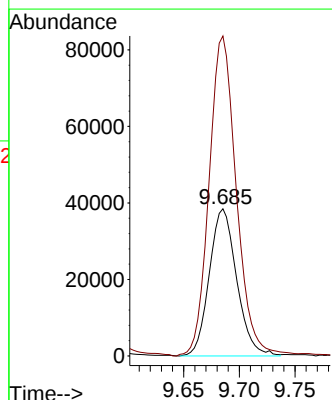
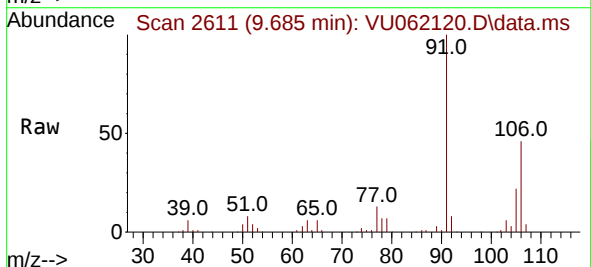
Instrument :
MSVOA_U
ClientSampleId :

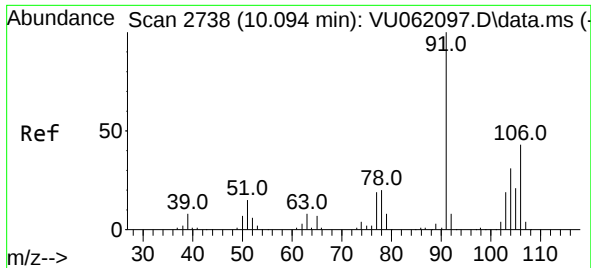
Tgt Ion: 91 Resp: 177229
Ion Ratio Lower Upper
91 100
106 30.2 21.6 40.0



#53
m,p-Xylene
Concen: 4.836 ug/L
RT: 9.685 min Scan# 2611
Delta R.T. -0.000 min
Lab File: VU062120.D
Acq: 06 Dec 2024 00:05

Tgt Ion: 106 Resp: 65805
Ion Ratio Lower Upper
106 100
91 217.5 147.6 274.0

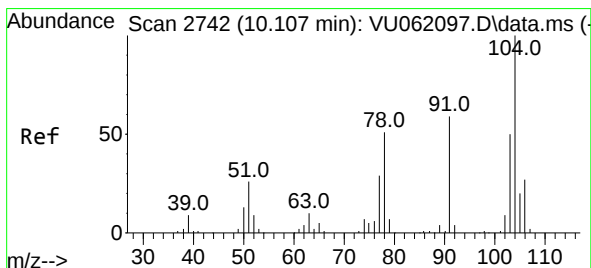
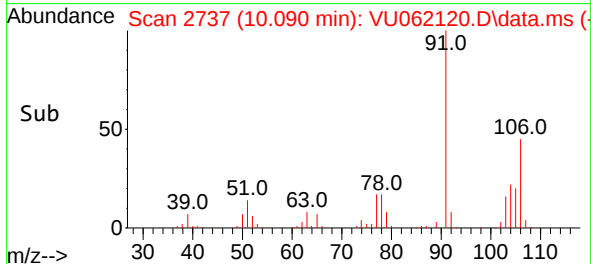
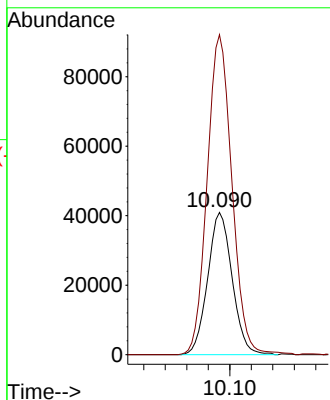
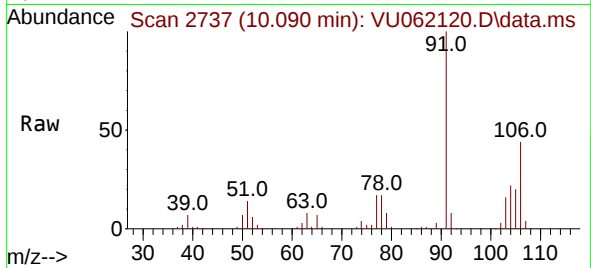




#54
o-Xylene
Concen: 4.709 ug/L
RT: 10.090 min Scan# 2738
Delta R.T. -0.003 min
Lab File: VU062120.D
Acq: 06 Dec 2024 00:05

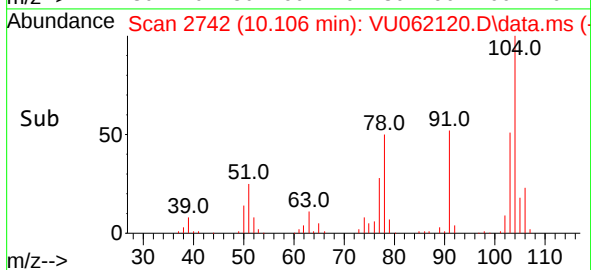
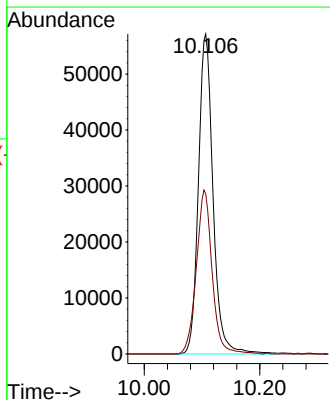
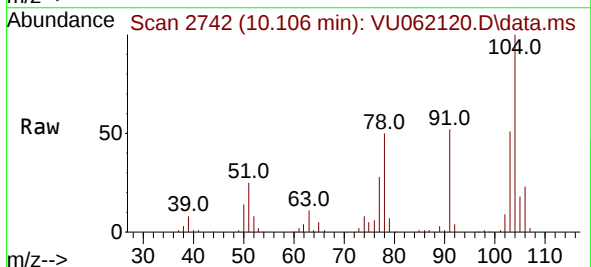
Instrument :
MSVOA_U
ClientSampleId :

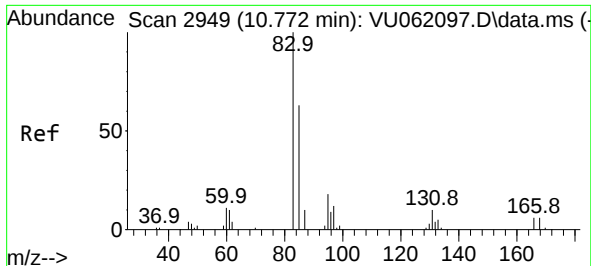
Tgt Ion:106 Resp: 64677
Ion Ratio Lower Upper
106 100
91 224.8 159.8 296.8



#55
Styrene
Concen: 4.445 ug/L
RT: 10.106 min Scan# 2742
Delta R.T. -0.000 min
Lab File: VU062120.D
Acq: 06 Dec 2024 00:05

Tgt Ion:104 Resp: 100593
Ion Ratio Lower Upper
104 100
78 50.1 33.2 61.7





#57

1,1,2,2-Tetrachloroethane

Concen: 4.512 ug/L

RT: 10.772 min Scan# 2949

Delta R.T. -0.000 min

Lab File: VU062120.D

Acq: 06 Dec 2024 00:05

Instrument :

MSVOA_U

ClientSampleId :

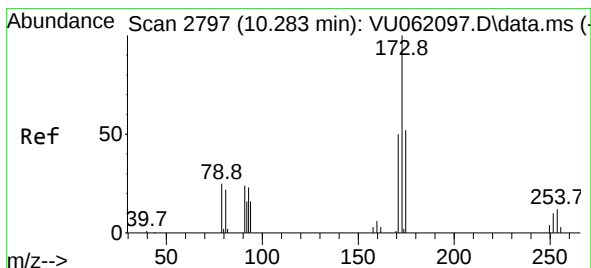
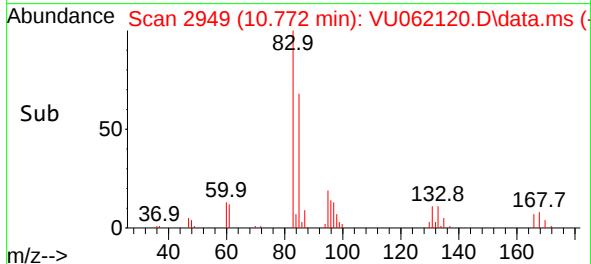
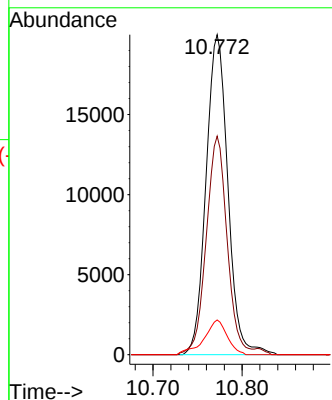
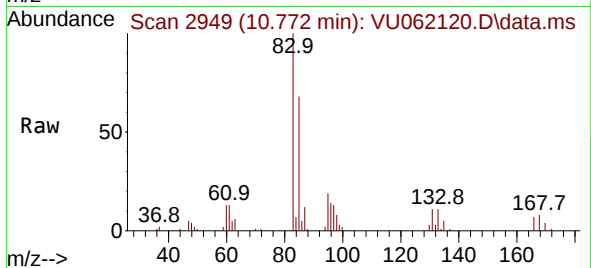
Tgt Ion: 83 Resp: 33984

Ion Ratio Lower Upper

83 100

85 68.3 44.4 82.4

131 10.9 7.3 10.9



#59

Bromoform

Concen: 4.840 ug/L

RT: 10.280 min Scan# 2796

Delta R.T. -0.003 min

Lab File: VU062120.D

Acq: 06 Dec 2024 00:05

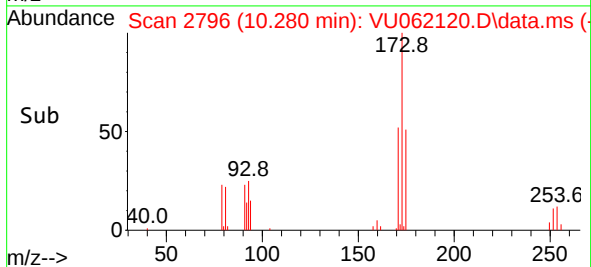
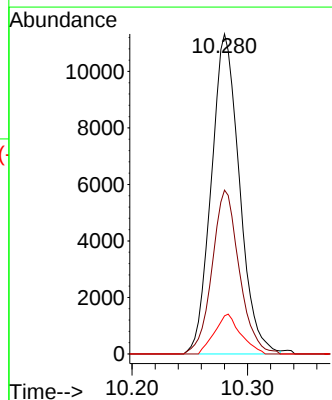
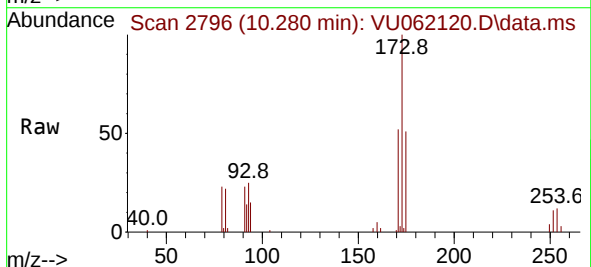
Tgt Ion:173 Resp: 19162

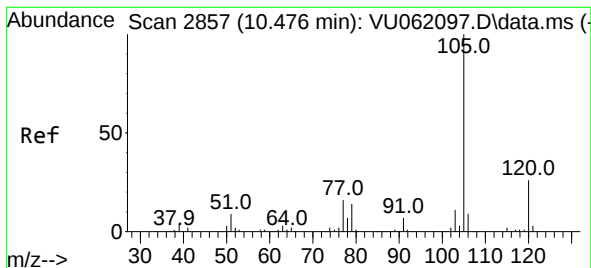
Ion Ratio Lower Upper

173 100

175 49.4 39.0 58.4

254 11.5 7.4 11.0#





#60

Isopropylbenzene

Concen: 4.284 ug/L

RT: 10.473 min Scan# 2856

Delta R.T. -0.003 min

Lab File: VU062120.D

Acq: 06 Dec 2024 00:05

Instrument :

MSVOA_U

ClientSampleId :

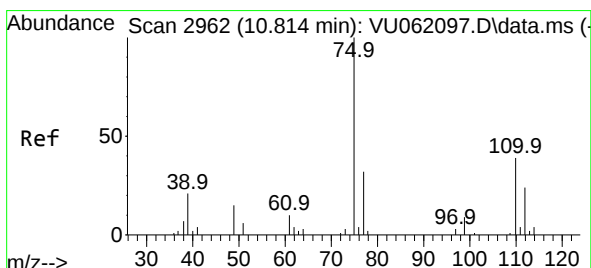
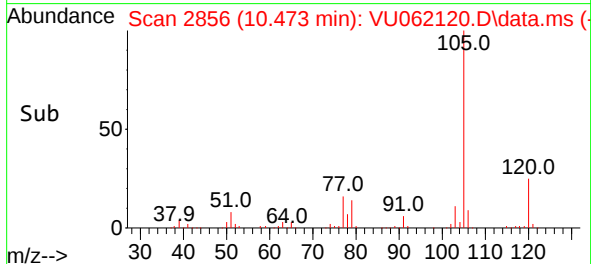
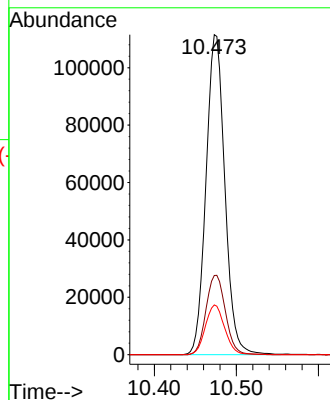
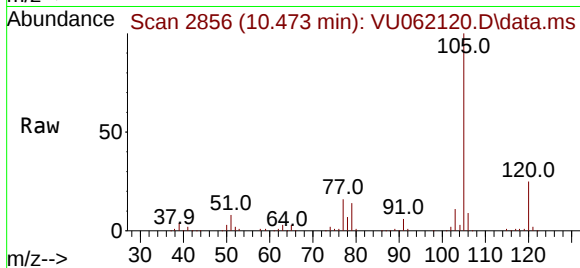
Tgt Ion:105 Resp: 177910

Ion Ratio Lower Upper

105 100

120 25.6 20.6 31.0

77 16.0 13.0 19.6



#61

1,2,3-Trichloropropane

Concen: 3.843 ug/L

RT: 10.811 min Scan# 2961

Delta R.T. -0.003 min

Lab File: VU062120.D

Acq: 06 Dec 2024 00:05

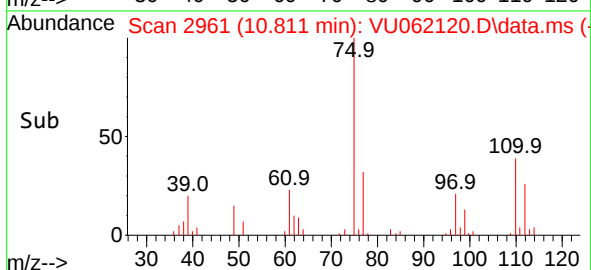
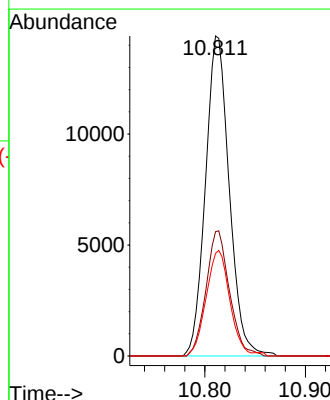
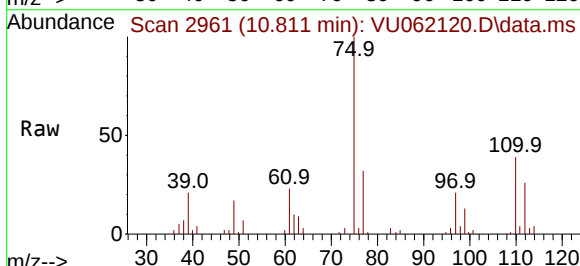
Tgt Ion: 75 Resp: 23664

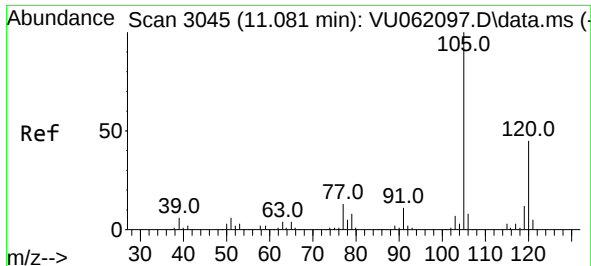
Ion Ratio Lower Upper

75 100

110 38.6 28.9 43.3

77 32.8 26.5 39.7

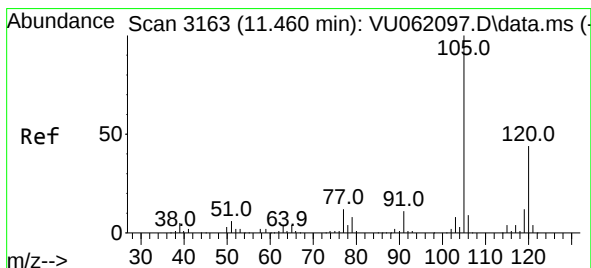
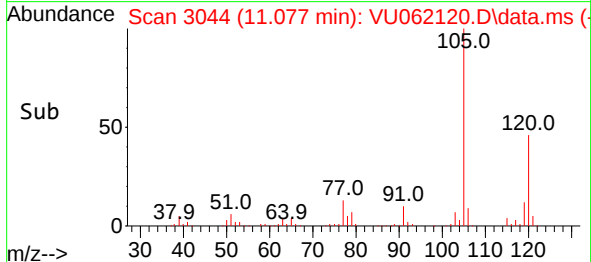
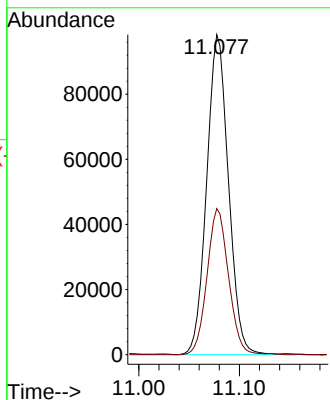
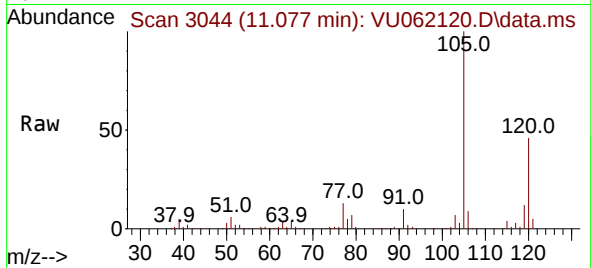




#62
1,3,5-Trimethylbenzene
Concen: 4.464 ug/L
RT: 11.077 min Scan# 3044
Delta R.T. -0.003 min
Lab File: VU062120.D
Acq: 06 Dec 2024 00:05

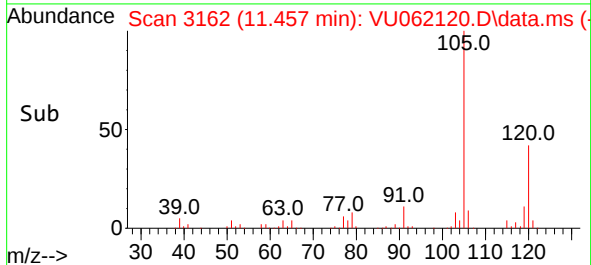
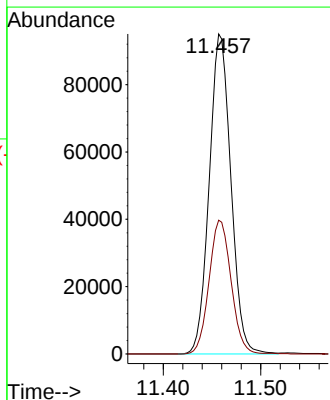
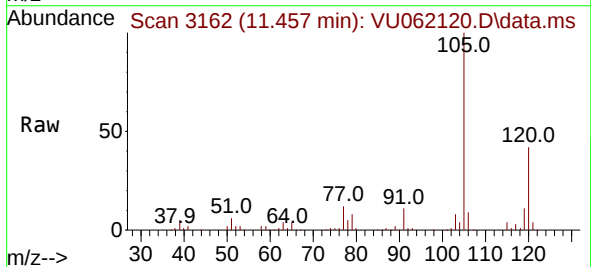
Instrument :
MSVOA_U
ClientSampleId :

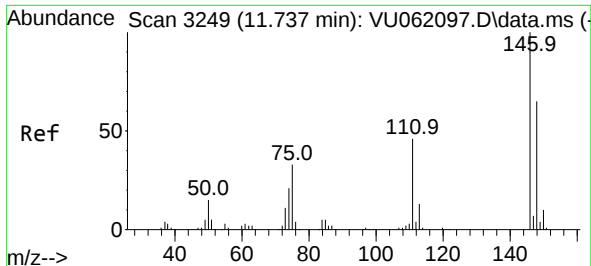
Tgt Ion:105 Resp: 147881
Ion Ratio Lower Upper
105 100
120 45.0 36.7 55.1



#63
1,2,4-Trimethylbenzene
Concen: 4.442 ug/L
RT: 11.457 min Scan# 3162
Delta R.T. -0.003 min
Lab File: VU062120.D
Acq: 06 Dec 2024 00:05

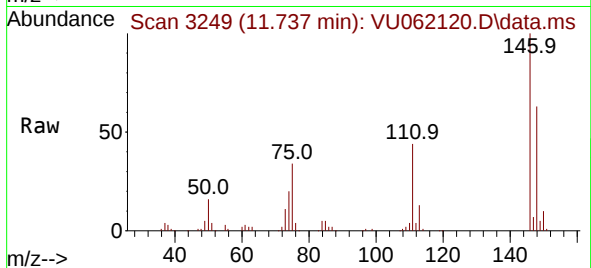
Tgt Ion:105 Resp: 146709
Ion Ratio Lower Upper
105 100
120 42.6 34.7 52.1



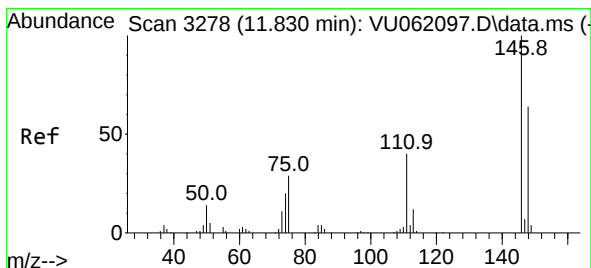
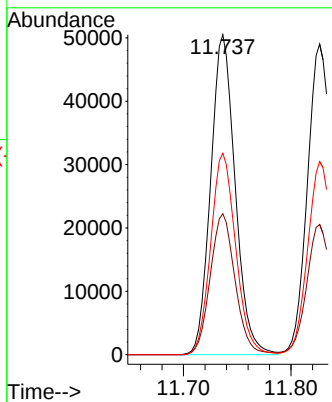
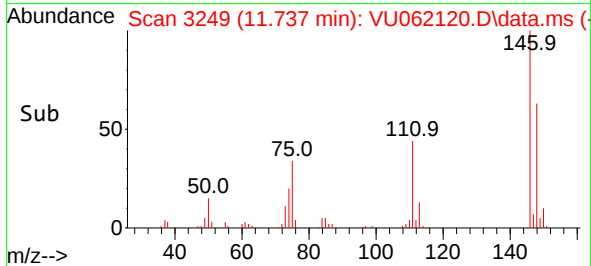


#64
1,3-Dichlorobenzene
Concen: 4.331 ug/L
RT: 11.737 min Scan# 31
Delta R.T. -0.000 min
Lab File: VU062120.D
Acq: 06 Dec 2024 00:05

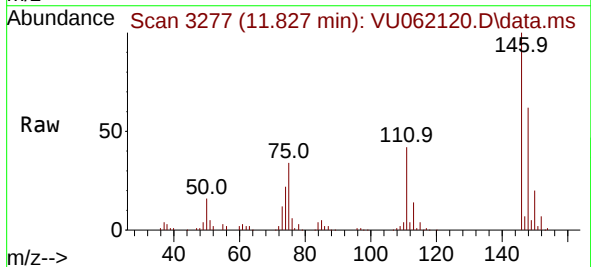
Instrument :
MSVOA_U
ClientSampleId :



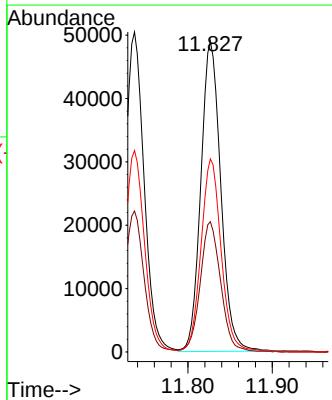
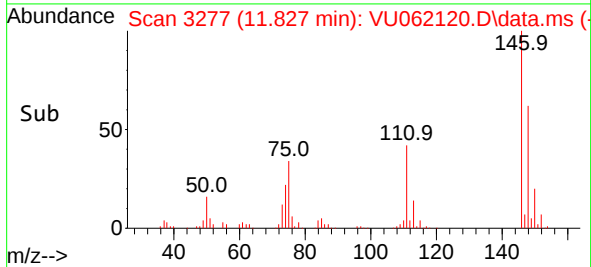
Tgt Ion:146 Resp: 79850
Ion Ratio Lower Upper
146 100
111 44.1 30.7 57.1
148 62.9 45.1 83.7

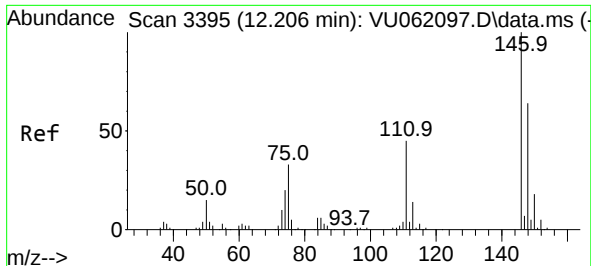


#65
1,4-Dichlorobenzene
Concen: 4.535 ug/L
RT: 11.827 min Scan# 3277
Delta R.T. -0.003 min
Lab File: VU062120.D
Acq: 06 Dec 2024 00:05



Tgt Ion:146 Resp: 80923
Ion Ratio Lower Upper
146 100
111 41.9 29.3 54.3
148 62.2 44.6 82.8





#67

1,2-Dichlorobenzene

Concen: 4.760 ug/L

RT: 12.203 min Scan# 31

Delta R.T. -0.003 min

Lab File: VU062120.D

Acq: 06 Dec 2024 00:05

Instrument :

MSVOA_U

ClientSampleId :

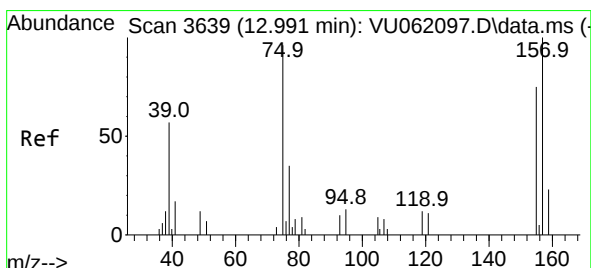
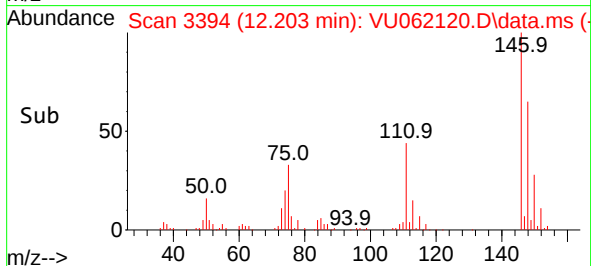
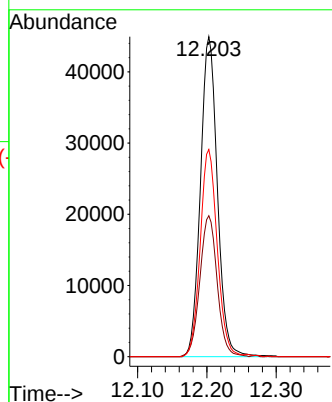
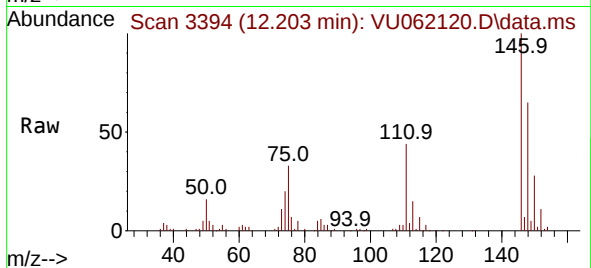
Tgt Ion:146 Resp: 76327

Ion Ratio Lower Upper

146 100

111 44.1 36.0 54.0

148 64.8 52.3 78.5



#68

1,2-Dibromo-3-chloropropane

Concen: 5.065 ug/L

RT: 12.987 min Scan# 3638

Delta R.T. -0.003 min

Lab File: VU062120.D

Acq: 06 Dec 2024 00:05

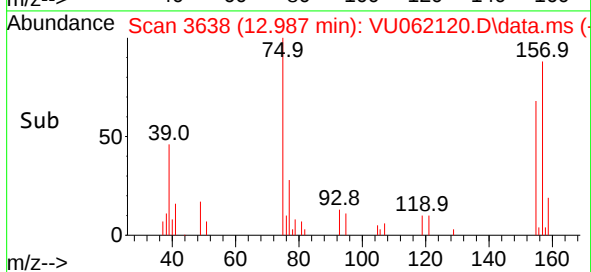
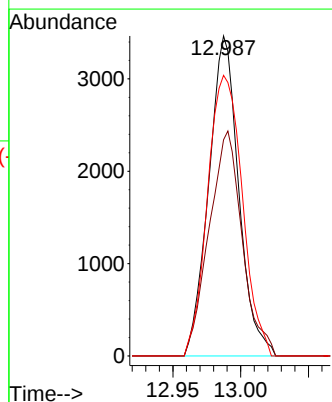
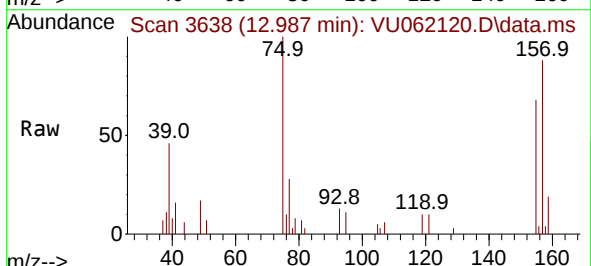
Tgt Ion: 75 Resp: 5323

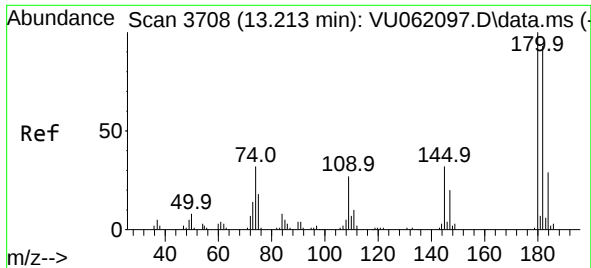
Ion Ratio Lower Upper

75 100

155 67.6 55.2 82.8

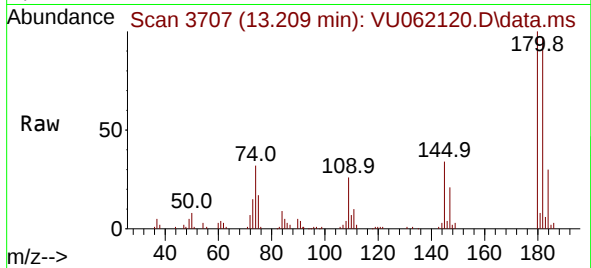
157 87.7 73.5 110.3



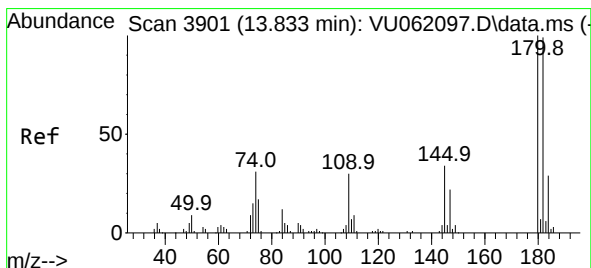
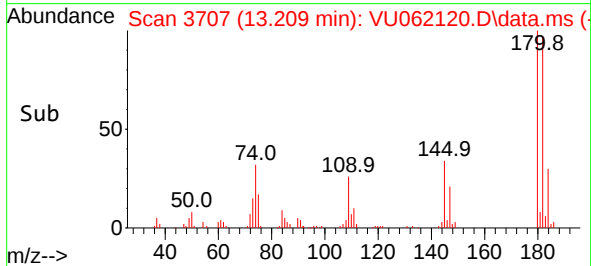
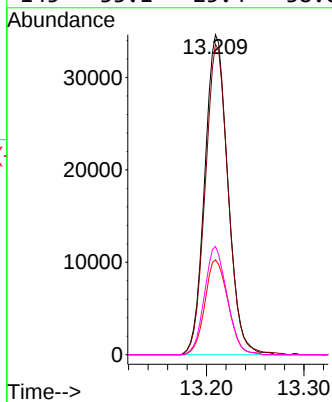


#69
 1,3,5-Trichlorobenzene
 Concen: 5.204 ug/L
 RT: 13.209 min Scan# 31
 Delta R.T. -0.003 min
 Lab File: VU062120.D
 Acq: 06 Dec 2024 00:05

Instrument :
 MSVOA_U
 ClientSampleId :

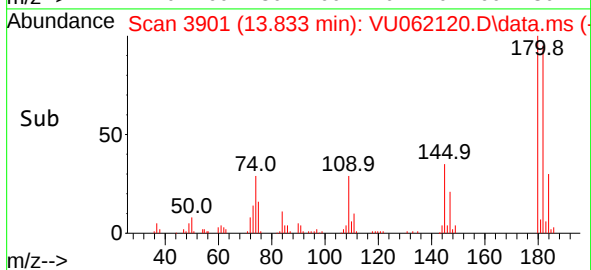
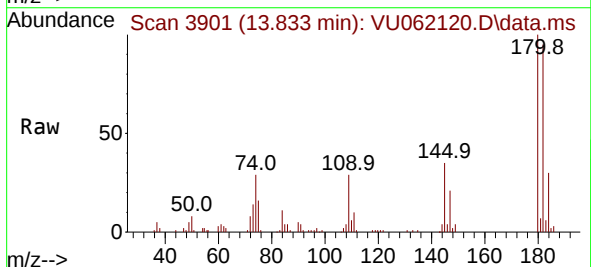
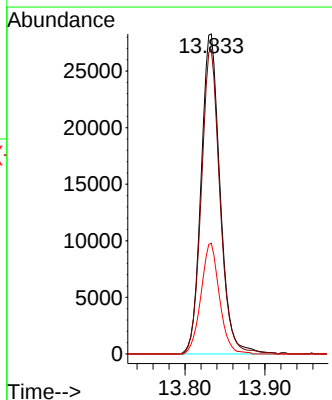


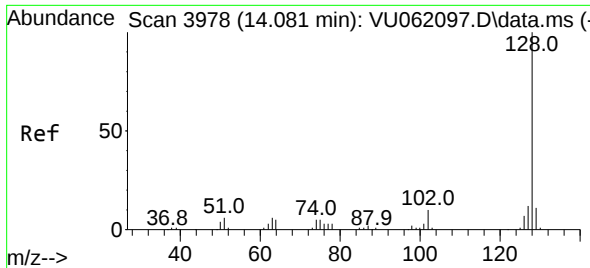
Tgt Ion:180 Resp: 57090
 Ion Ratio Lower Upper
 180 100
 182 96.1 76.7 115.1
 184 29.8 24.8 37.2
 145 33.1 25.4 38.0



#70
 1,2,4-trichlorobenzene
 Concen: 5.553 ug/L
 RT: 13.833 min Scan# 3901
 Delta R.T. -0.000 min
 Lab File: VU062120.D
 Acq: 06 Dec 2024 00:05

Tgt Ion:180 Resp: 46684
 Ion Ratio Lower Upper
 180 100
 182 93.6 74.5 111.7
 145 33.6 25.6 38.4

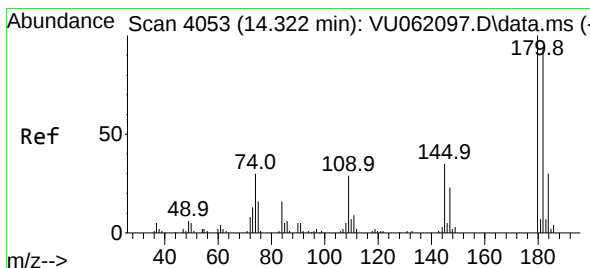
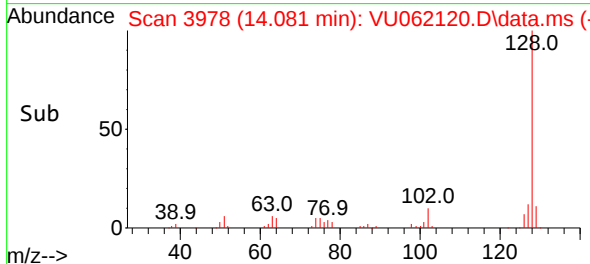
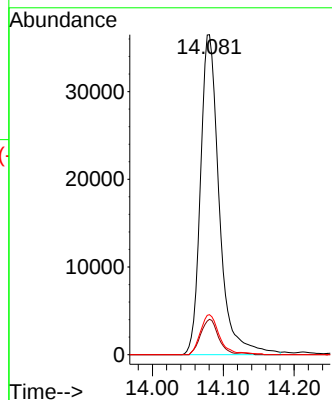
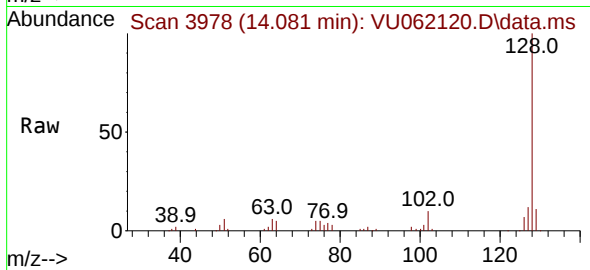




#71
Naphthalene
Concen: 4.957 ug/L
RT: 14.081 min Scan# 3978
Delta R.T. -0.000 min
Lab File: VU062120.D
Acq: 06 Dec 2024 00:05

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion:128 Resp: 67172
Ion Ratio Lower Upper
128 100
129 10.4 8.5 12.7
127 12.8 10.2 15.4



#72
1,2,3-Trichlorobenzene
Concen: 5.504 ug/L
RT: 14.318 min Scan# 4052
Delta R.T. -0.003 min
Lab File: VU062120.D
Acq: 06 Dec 2024 00:05

Tgt Ion:180 Resp: 39853
Ion Ratio Lower Upper
180 100
182 91.8 76.1 114.1
145 34.4 27.4 41.0

