

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU112624\
 Data File : VU062034.D
 Acq On : 26 Nov 2024 09:15
 Operator : MD/SY
 Sample : VSTDCCC0005
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Nov 27 04:00:39 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR112024WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Mon Nov 25 01:25:39 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	140593	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.409	117	129318	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	67261	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	30636	4.442	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	88.800%
7) Chloroethane-d5	1.907	69	22077	3.619	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	72.400%
11) 1,1-Dichloroethene-d2	2.560	65	13478	4.892	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	97.800%
20) 2-Butanone-d5	4.618	46	66673	30.787	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	61.580%
24) Chloroform-d	5.055	84	67225	3.996	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	80.000%
26) 1,2-Dichloroethane-d4	5.695	65	32909	3.801	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	76.000%
32) Benzene-d6	5.717	84	119560	4.745	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.000%
36) 1,2-Dichloropropane-d6	6.682	67	36308	4.241	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	84.800%
41) Toluene-d8	7.891	98	115590	5.500	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	110.000%
43) trans-1,3-Dichloroprop...	8.174	79	15381	4.853	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	97.000%
46) 2-Hexanone-d5	8.624	63	46141	31.895	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	63.800%
56) 1,1,2,2-Tetrachloroeth...	10.749	84	29527	3.451	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	69.000%
66) 1,2-Dichlorobenzene-d4	12.187	152	39813	4.003	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	80.000%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.383	85	62696	5.097	ug/L	98
3) Chloromethane	1.518	50	50803	4.007	ug/L	97
5) Vinyl chloride	1.602	62	53350	4.096	ug/L	98
6) Bromomethane	1.853	94	30080	3.879	ug/L	97
8) Chloroethane	1.927	64	30368	3.616	ug/L	98
9) Trichlorofluoromethane	2.132	101	85957	5.217	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.576	101	48142	4.748	ug/L	92
12) 1,1-Dichloroethene	2.573	96	43201	4.582	ug/L	91
13) Acetone	2.624	43	62502	41.802	ug/L	93
14) Carbon disulfide	2.788	76	131659	4.390	ug/L	99
15) Methyl Acetate	2.946	43	15932	4.150	ug/L	93
16) Methylene chloride	3.039	84	47313	4.179	ug/L	93
17) Methyl tert-butyl Ether	3.354	73	112913	4.673	ug/L	97
18) trans-1,2-Dichloroethene	3.348	96	45019	4.517	ug/L	93
19) 1,1-Dichloroethane	3.859	63	85776	4.418	ug/L	99
21) 2-Butanone	4.695	43	99193	41.048	ug/L	96
22) cis-1,2-Dichloroethene	4.660	96	52576	4.687	ug/L	93
23) Bromochloromethane	4.965	128	22249	4.563	ug/L	90
25) Chloroform	5.078	83	95977	4.729	ug/L	99

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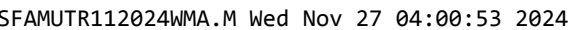
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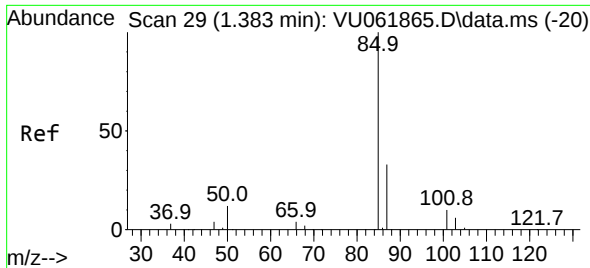
Quant Time: Nov 27 04:00:39 2024
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 Quant Title : TRACE VOA SFAM1.0
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.785	62	59163	4.532	ug/L	100
29) 1,1,1-Trichloroethane	5.306	97	86023	5.771	ug/L	96
30) Cyclohexane	5.380	56	76957	4.936	ug/L	98
31) Carbon tetrachloride	5.515	117	78157	6.175	ug/L	100
33) Benzene	5.766	78	197514	5.058	ug/L	100
34) Trichloroethene	6.534	95	55116	5.288	ug/L	99
35) Methylcyclohexane	6.753	83	82208	5.156	ug/L	98
37) 1,2-Dichloropropane	6.782	63	50501	4.977	ug/L	99
38) Bromodichloromethane	7.097	83	66614	5.414	ug/L	99
39) cis-1,3-Dichloropropene	7.598	75	76341	5.366	ug/L	97
40) 4-Methyl-2-pentanone	7.782	43	247553	45.219	ug/L #	94
42) Toluene	7.962	91	215093	5.248	ug/L	96
44) trans-1,3-Dichloropropene	8.203	75	62865	5.564	ug/L	98
45) 1,1,2-Trichloroethane	8.393	97	38033	5.088	ug/L	96
47) Tetrachloroethene	8.547	164	42901	5.659	ug/L	94
48) 2-Hexanone	8.675	43	174089	42.461	ug/L #	94
49) Dibromochloromethane	8.801	129	44292	5.609	ug/L	94
50) 1,2-Dibromoethane	8.917	107	36166	4.875	ug/L #	95
51) Chlorobenzene	9.441	112	134112	4.778	ug/L	99
52) Ethylbenzene	9.563	91	238810	4.869	ug/L	99
53) m,p-Xylene	9.685	106	89526	5.173	ug/L	100
54) o-Xylene	10.093	106	86907	4.975	ug/L	100
55) Styrene	10.106	104	141177	4.906	ug/L	97
57) 1,1,2,2-Tetrachloroethane	10.775	83	44261	4.621	ug/L	97
59) Bromoform	10.280	173	26247	5.249	ug/L #	99
60) Isopropylbenzene	10.476	105	238598	4.550	ug/L	100
61) 1,2,3-Trichloropropane	10.814	75	31306	4.026	ug/L	97
62) 1,3,5-Trimethylbenzene	11.081	105	199779	4.775	ug/L	100
63) 1,2,4-Trimethylbenzene	11.460	105	196337	4.707	ug/L	99
64) 1,3-Dichlorobenzene	11.740	146	107206	4.605	ug/L	99
65) 1,4-Dichlorobenzene	11.830	146	105690	4.690	ug/L	100
67) 1,2-Dichlorobenzene	12.206	146	99493	4.914	ug/L	97
68) 1,2-Dibromo-3-chloropr...	12.987	75	7130	5.373	ug/L	89
69) 1,3,5-Trichlorobenzene	13.212	180	79625	5.748	ug/L	98
70) 1,2,4-trichlorobenzene	13.833	180	59554	5.609	ug/L	98
71) Naphthalene	14.080	128	76789	4.487	ug/L	99
72) 1,2,3-Trichlorobenzene	14.322	180	49295	5.391	ug/L	99

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

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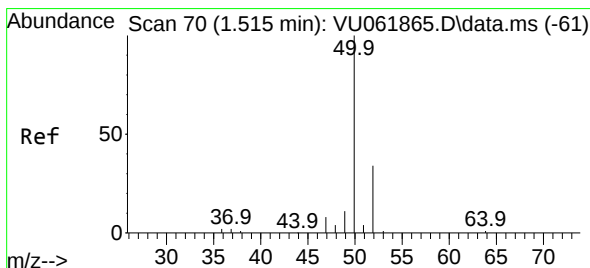
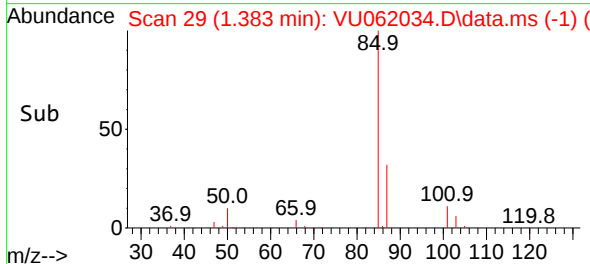
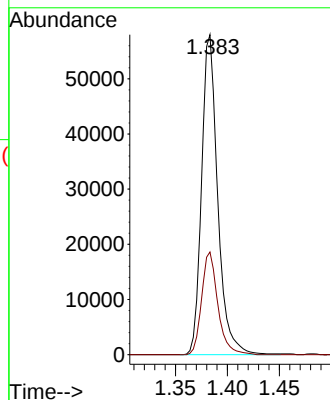
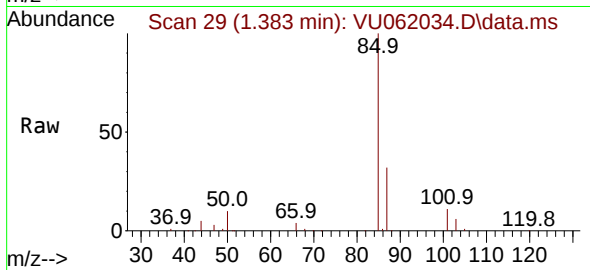




#2
Dichlorodifluoromethane
Concen: 5.097 ug/L
RT: 1.383 min Scan# 29
Delta R.T. -0.000 min
Lab File: VU062034.D
Acq: 26 Nov 2024 09:15

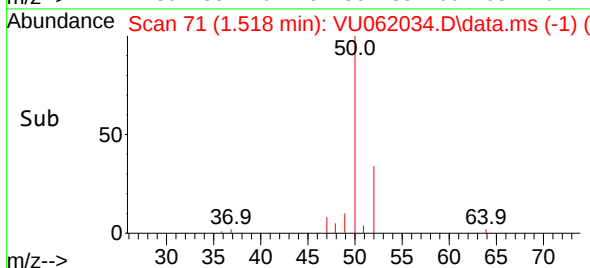
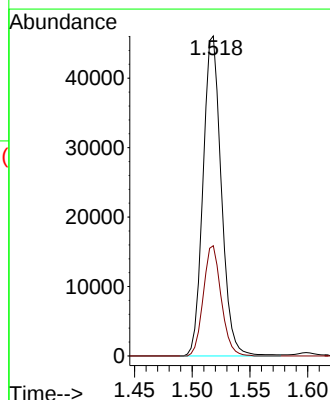
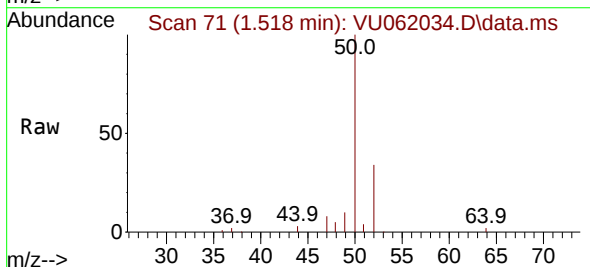
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MSVOA_U
ClientSampleId :

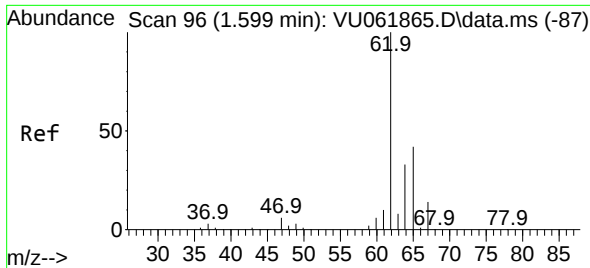
Tgt Ion: 85 Resp: 62696
Ion Ratio Lower Upper
85 100
87 32.2 26.6 40.0



#3
Chloromethane
Concen: 4.007 ug/L
RT: 1.518 min Scan# 71
Delta R.T. 0.003 min
Lab File: VU062034.D
Acq: 26 Nov 2024 09:15

Tgt Ion: 50 Resp: 50803
Ion Ratio Lower Upper
50 100
52 34.4 23.1 42.9

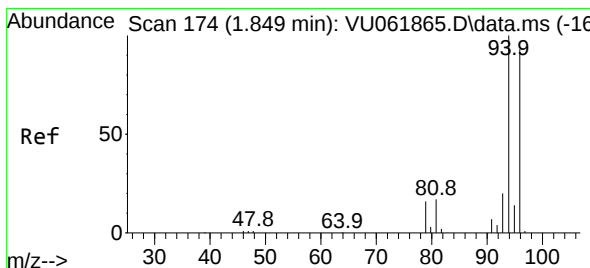
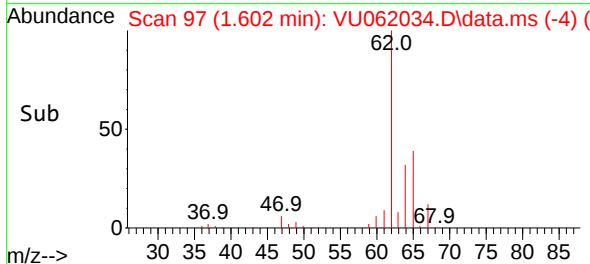
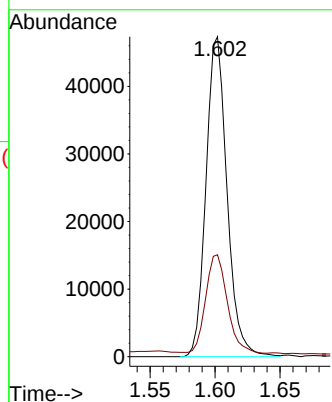
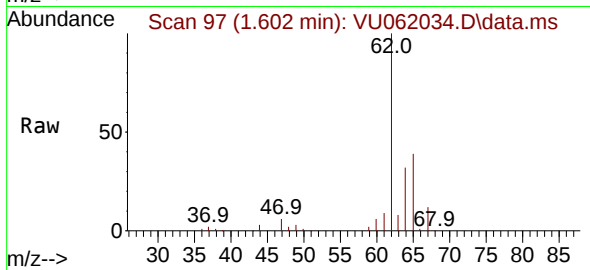




#5
 Vinyl chloride
 Concen: 4.096 ug/L
 RT: 1.602 min Scan# 91
 Delta R.T. -0.000 min
 Lab File: VU062034.D
 Acq: 26 Nov 2024 09:15

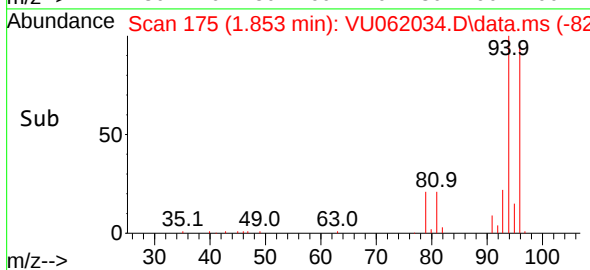
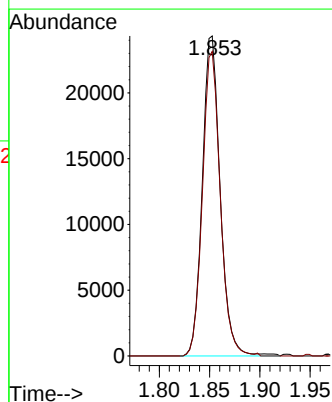
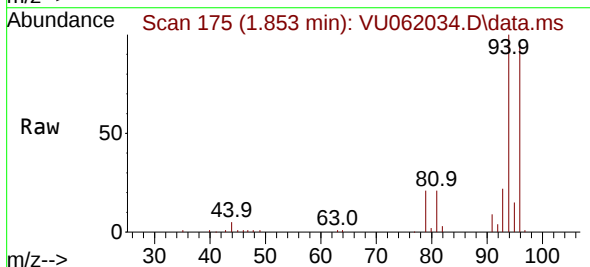
Instrument :
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 ClientSampleId :

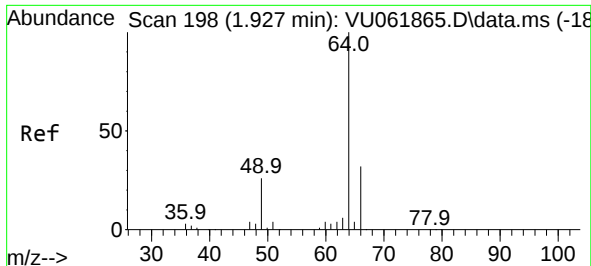
Tgt Ion: 62 Resp: 53350
 Ion Ratio Lower Upper
 62 100
 64 31.8 23.1 42.9



#6
 Bromomethane
 Concen: 3.879 ug/L
 RT: 1.853 min Scan# 175
 Delta R.T. -0.000 min
 Lab File: VU062034.D
 Acq: 26 Nov 2024 09:15

Tgt Ion: 94 Resp: 30080
 Ion Ratio Lower Upper
 94 100
 96 95.1 64.5 119.9

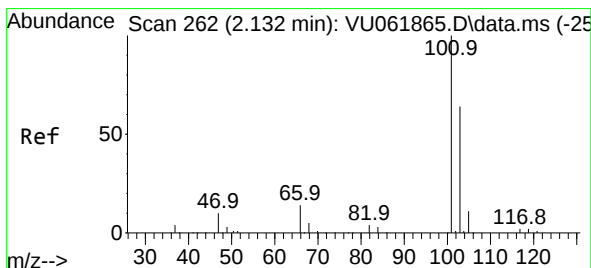
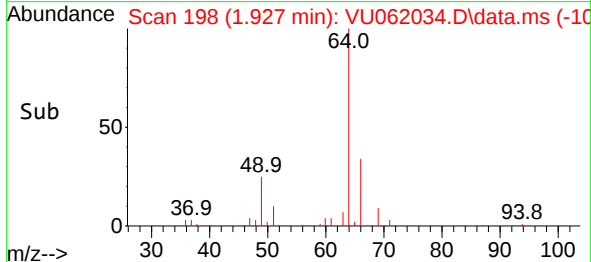
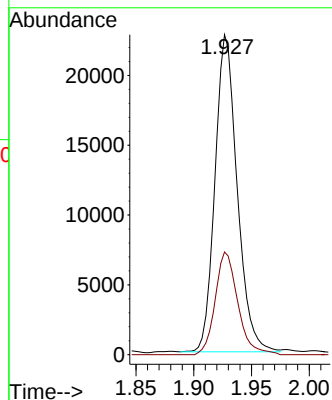
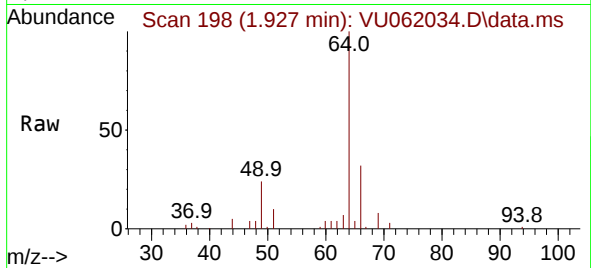




#8
Chloroethane
Concen: 3.616 ug/L
RT: 1.927 min Scan# 198
Delta R.T. -0.000 min
Lab File: VU062034.D
Acq: 26 Nov 2024 09:15

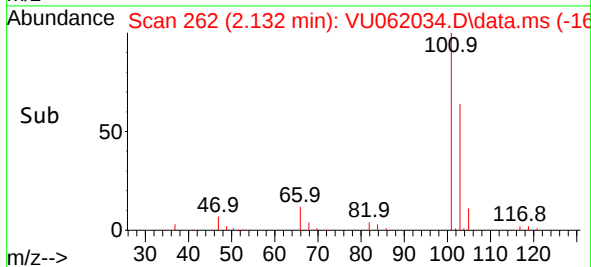
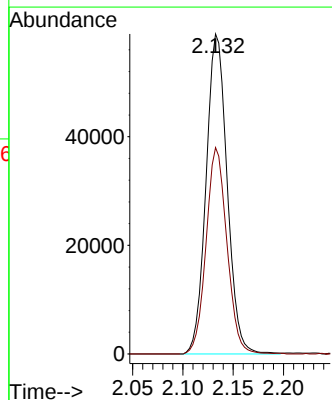
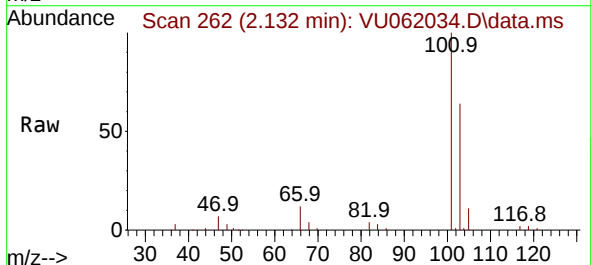
Instrument :
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ClientSampleId :

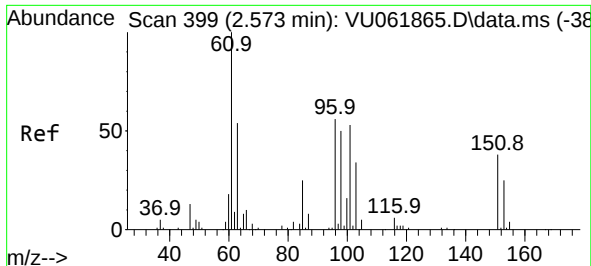
Tgt Ion: 64 Resp: 30368
Ion Ratio Lower Upper
64 100
66 32.1 23.2 43.2



#9
Trichlorofluoromethane
Concen: 5.217 ug/L
RT: 2.132 min Scan# 262
Delta R.T. -0.000 min
Lab File: VU062034.D
Acq: 26 Nov 2024 09:15

Tgt Ion: 101 Resp: 85957
Ion Ratio Lower Upper
101 100
103 63.7 50.6 75.8





#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 4.748 ug/L

RT: 2.576 min Scan# 400

Delta R.T. -0.000 min

Lab File: VU062034.D

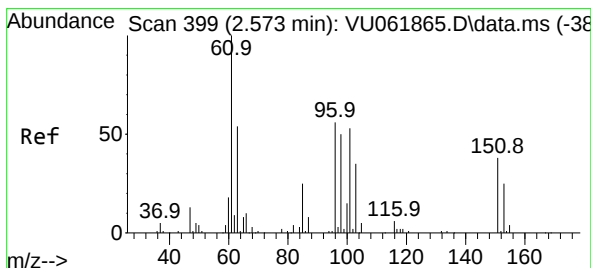
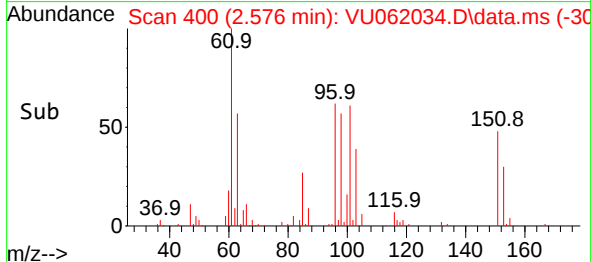
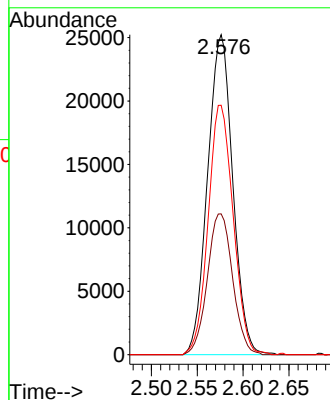
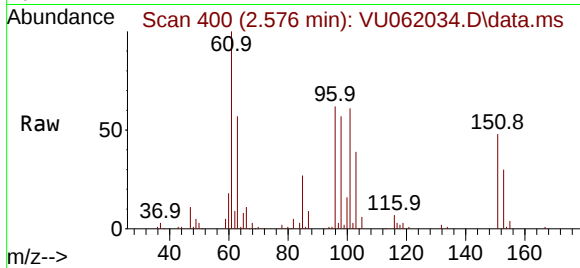
Acq: 26 Nov 2024 09:15

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion:	101	Resp:	48142
Ion Ratio	Lower	Upper	
101	100		
85	44.1	38.0	57.0
151	77.7	55.3	82.9



#12

1,1-Dichloroethene

Concen: 4.582 ug/L

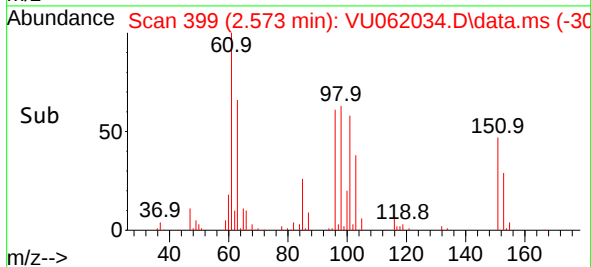
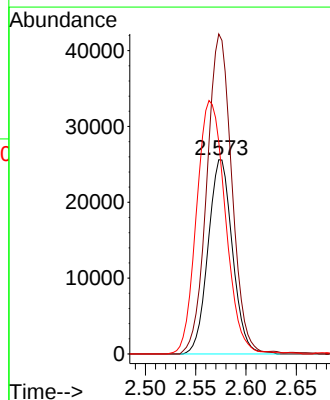
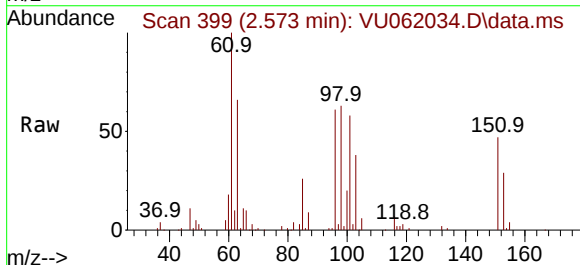
RT: 2.573 min Scan# 399

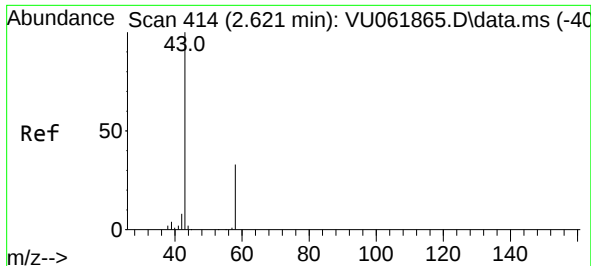
Delta R.T. -0.000 min

Lab File: VU062034.D

Acq: 26 Nov 2024 09:15

Tgt Ion:	96	Resp:	43201
Ion Ratio	Lower	Upper	
96	100		
61	164.7	119.6	222.2
63	109.2	65.0	120.6





#13

Acetone

Concen: 41.802 ug/L

RT: 2.624 min Scan# 414

Delta R.T. -0.004 min

Lab File: VU062034.D

Acq: 26 Nov 2024 09:15

Instrument :

MSVOA_U

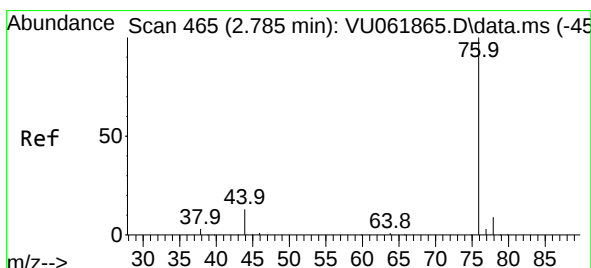
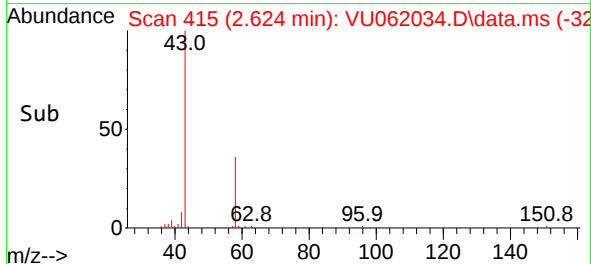
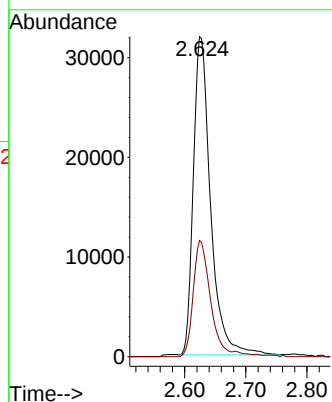
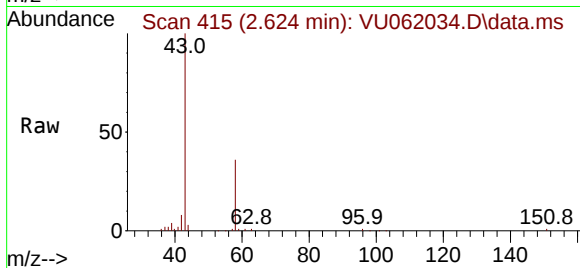
ClientSampleId :

Tgt Ion: 43 Resp: 62502

Ion Ratio Lower Upper

43 100

58 35.9 0.0 64.0



#14

Carbon disulfide

Concen: 4.390 ug/L

RT: 2.788 min Scan# 466

Delta R.T. -0.000 min

Lab File: VU062034.D

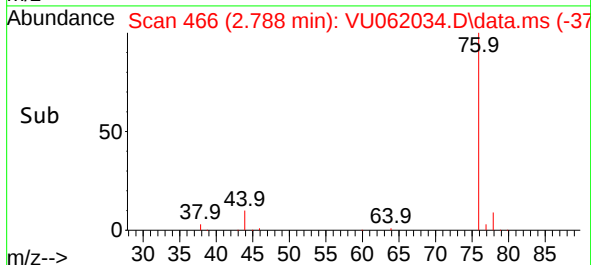
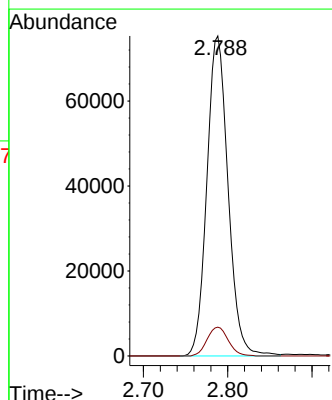
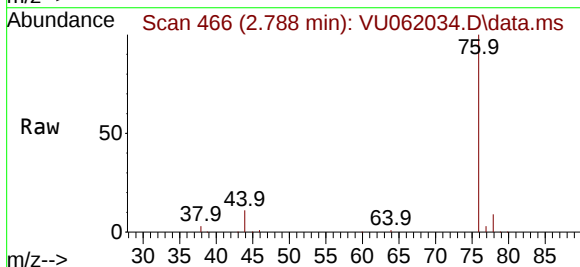
Acq: 26 Nov 2024 09:15

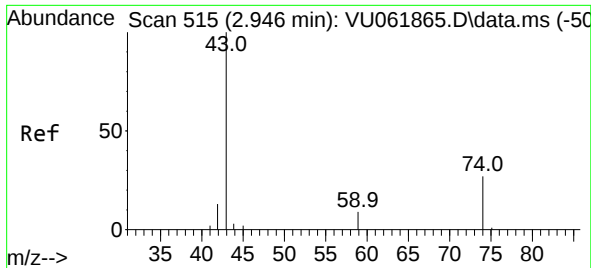
Tgt Ion: 76 Resp: 131659

Ion Ratio Lower Upper

76 100

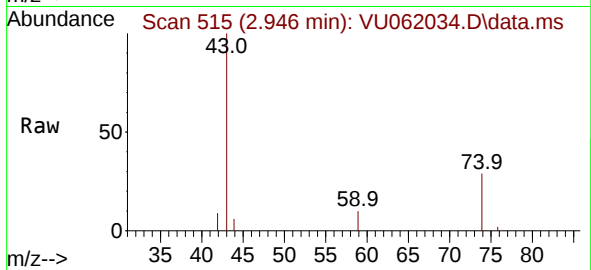
78 9.0 7.5 11.3



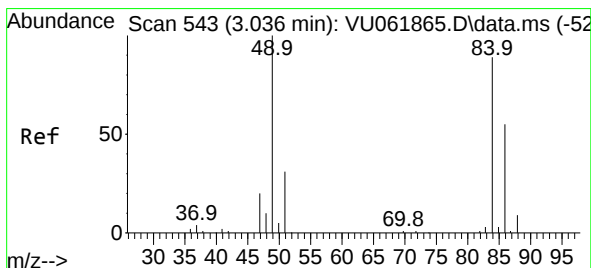
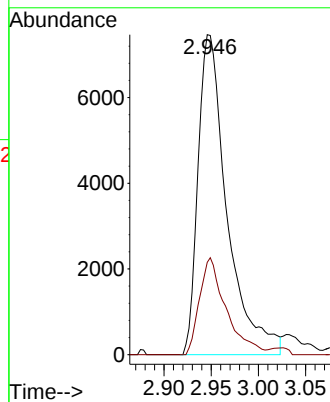
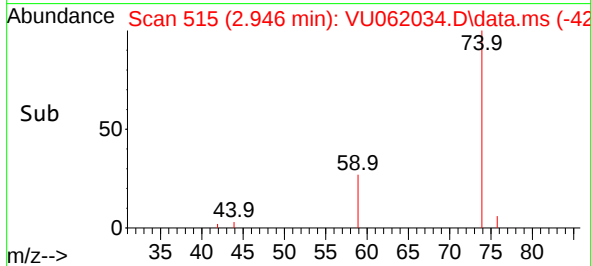


#15
Methyl Acetate
Concen: 4.150 ug/L
RT: 2.946 min Scan# 515
Delta R.T. -0.003 min
Lab File: VU062034.D
Acq: 26 Nov 2024 09:15

Instrument :
MSVOA_U
ClientSampleId :

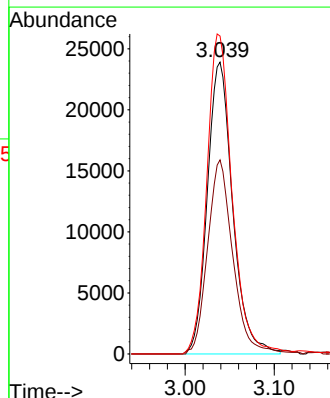
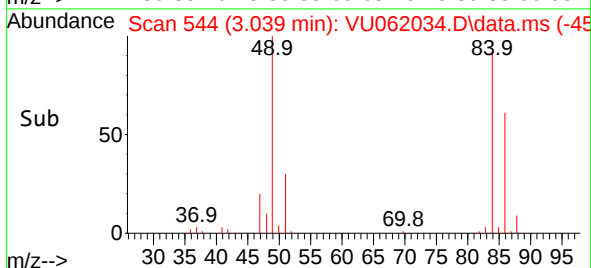
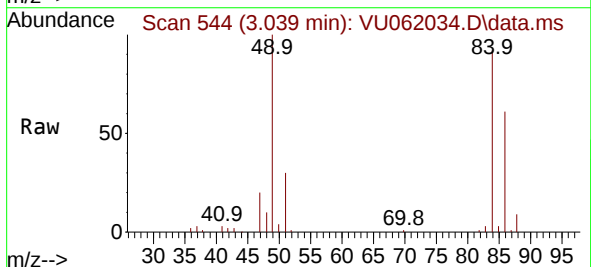


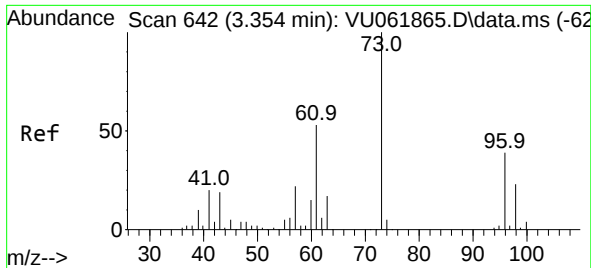
Tgt Ion: 43 Resp: 15932
Ion Ratio Lower Upper
43 100
74 27.8 19.4 29.2



#16
Methylene chloride
Concen: 4.179 ug/L
RT: 3.039 min Scan# 544
Delta R.T. 0.003 min
Lab File: VU062034.D
Acq: 26 Nov 2024 09:15

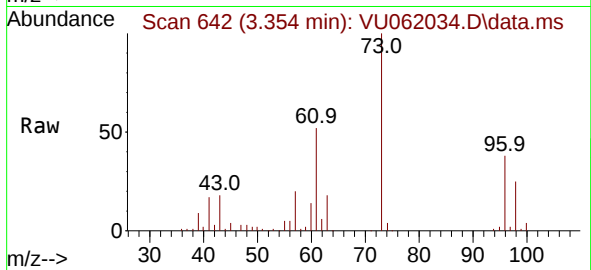
Tgt Ion: 84 Resp: 47313
Ion Ratio Lower Upper
84 100
86 66.5 43.5 80.7
49 109.0 81.9 152.1



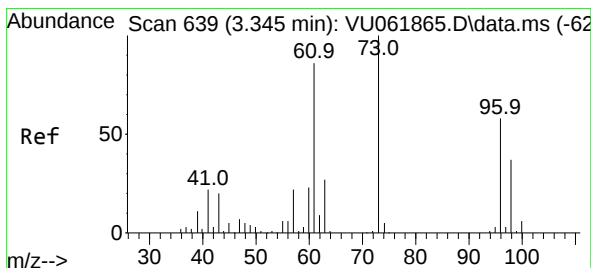
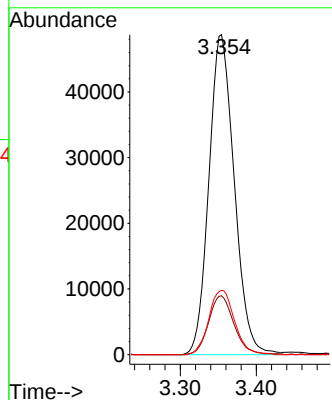
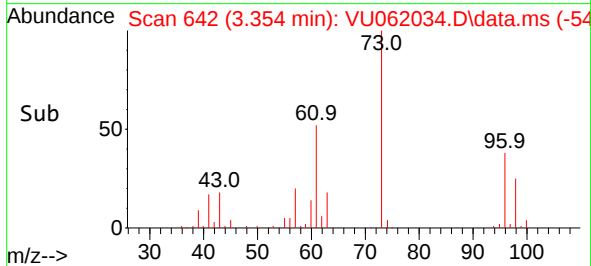


#17
Methyl tert-butyl Ether
Concen: 4.673 ug/L
RT: 3.354 min Scan# 641
Delta R.T. -0.000 min
Lab File: VU062034.D
Acq: 26 Nov 2024 09:15

Instrument :
MSVOA_U
ClientSampleId :

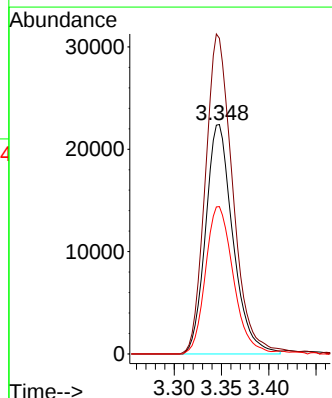
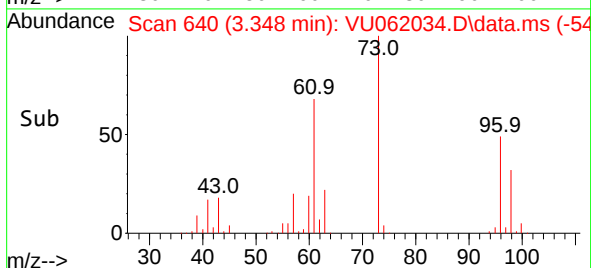
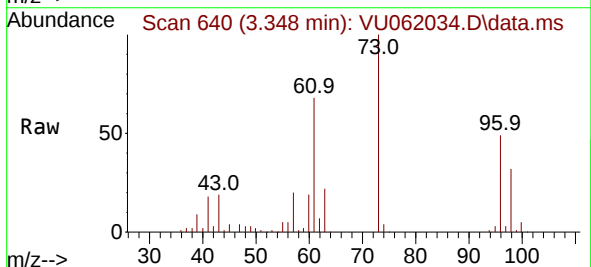


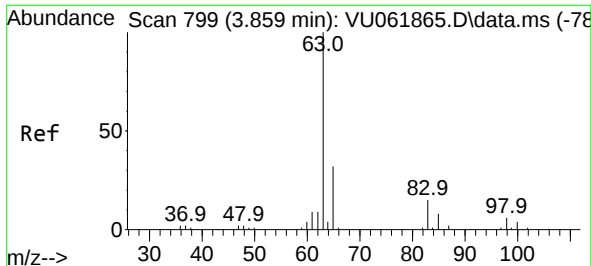
Tgt Ion: 73 Resp: 112913
Ion Ratio Lower Upper
73 100
43 18.3 16.3 24.5
57 20.5 17.1 25.7



#18
trans-1,2-Dichloroethene
Concen: 4.517 ug/L
RT: 3.348 min Scan# 640
Delta R.T. -0.000 min
Lab File: VU062034.D
Acq: 26 Nov 2024 09:15

Tgt Ion: 96 Resp: 45019
Ion Ratio Lower Upper
96 100
61 137.6 104.2 193.4
98 64.2 45.7 84.9

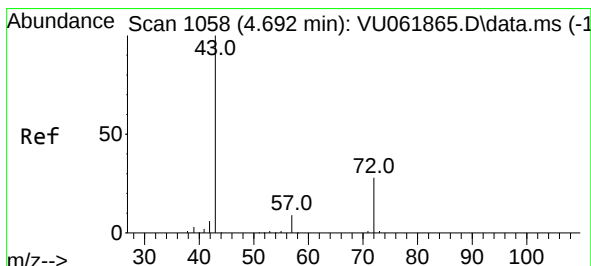
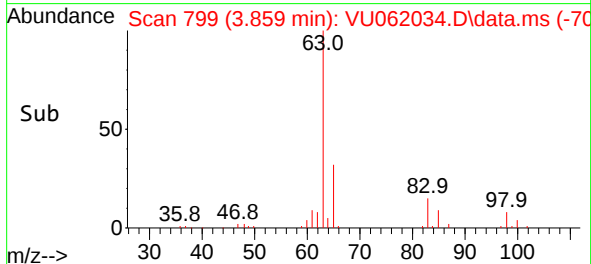
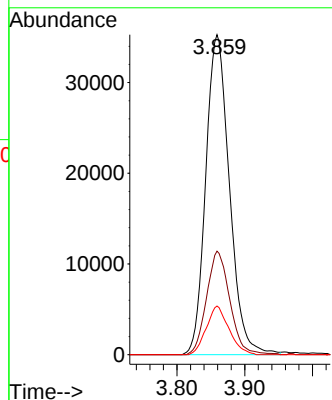
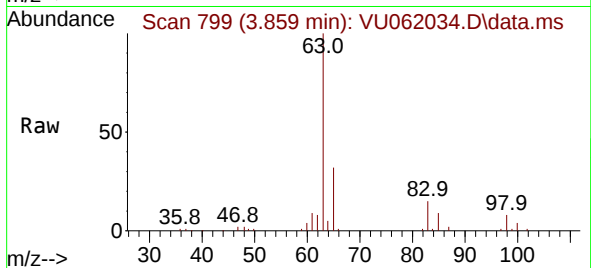




#19
1,1-Dichloroethane
Concen: 4.418 ug/L
RT: 3.859 min Scan# 799
Delta R.T. -0.000 min
Lab File: VU062034.D
Acq: 26 Nov 2024 09:15

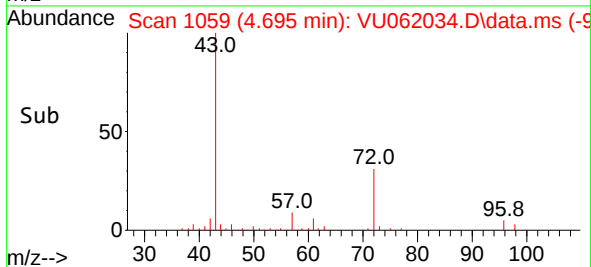
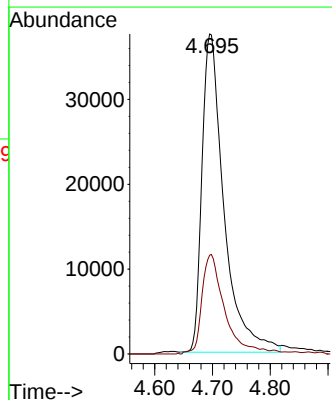
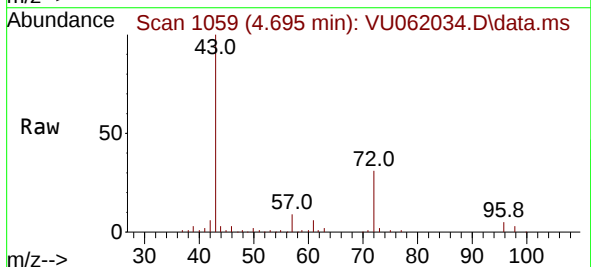
Instrument :
MSVOA_U
ClientSampleId :

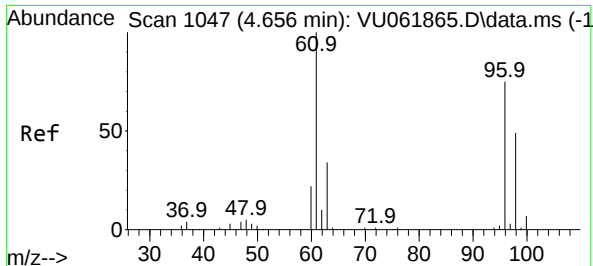
Tgt Ion: 63 Resp: 85776
Ion Ratio Lower Upper
63 100
65 32.3 22.7 42.3
83 15.2 9.9 18.3



#21
2-Butanone
Concen: 41.048 ug/L
RT: 4.695 min Scan# 1059
Delta R.T. -0.003 min
Lab File: VU062034.D
Acq: 26 Nov 2024 09:15

Tgt Ion: 43 Resp: 99193
Ion Ratio Lower Upper
43 100
72 31.9 14.8 44.4





#22

cis-1,2-Dichloroethene

Concen: 4.687 ug/L

RT: 4.660 min Scan# 1048

Delta R.T. 0.003 min

Lab File: VU062034.D

Acq: 26 Nov 2024 09:15

Instrument :

MSVOA_U

ClientSampleId :

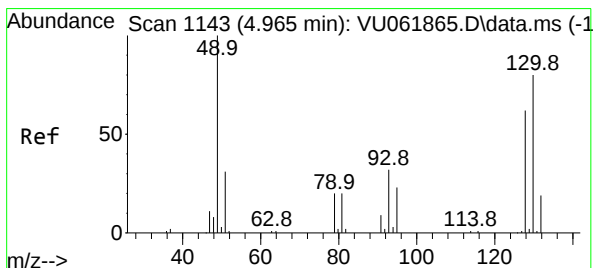
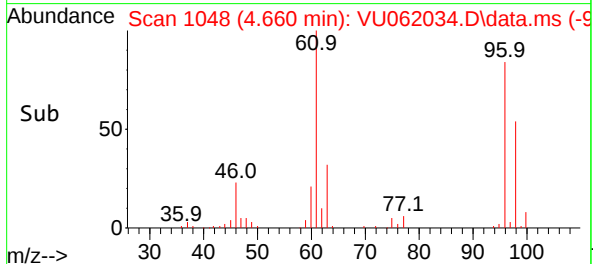
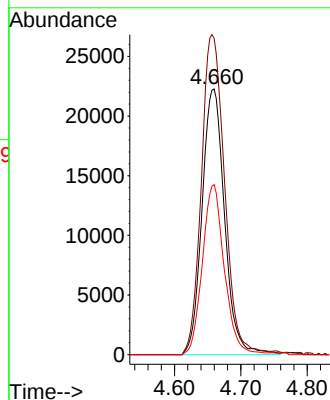
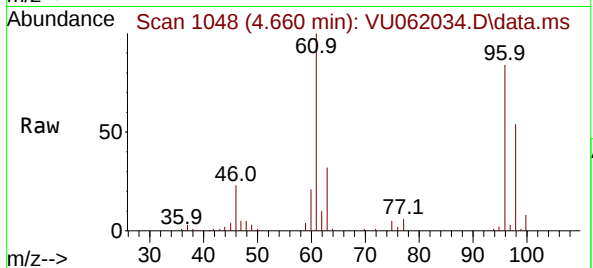
Tgt Ion: 96 Resp: 52576

Ion Ratio Lower Upper

96 100

61 119.1 92.0 170.8

98 64.0 44.5 82.7



#23

Bromochloromethane

Concen: 4.563 ug/L

RT: 4.965 min Scan# 1143

Delta R.T. -0.000 min

Lab File: VU062034.D

Acq: 26 Nov 2024 09:15

Tgt Ion: 128 Resp: 22249

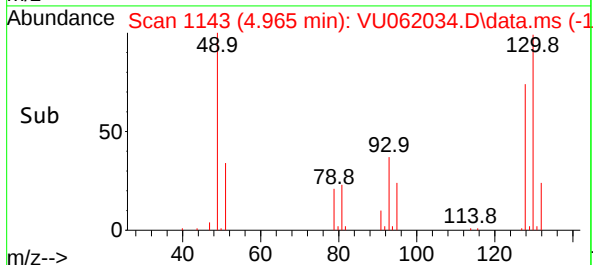
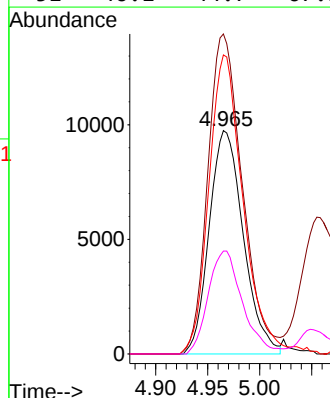
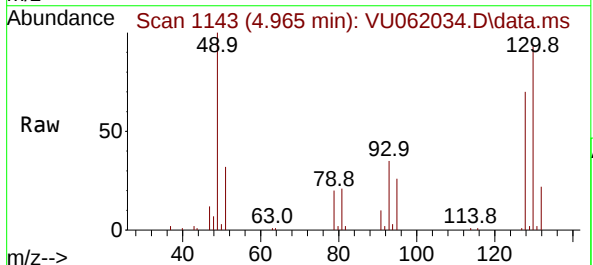
Ion Ratio Lower Upper

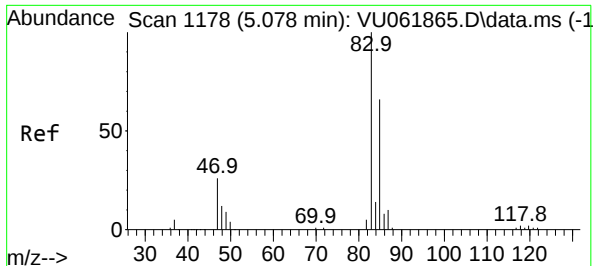
128 100

49 143.3 115.3 214.1

130 133.9 92.0 170.8

51 46.1 44.7 67.1





#25

Chloroform

Concen: 4.729 ug/L

RT: 5.078 min Scan# 1178

Delta R.T. -0.000 min

Lab File: VU062034.D

Acq: 26 Nov 2024 09:15

Instrument :

MSVOA_U

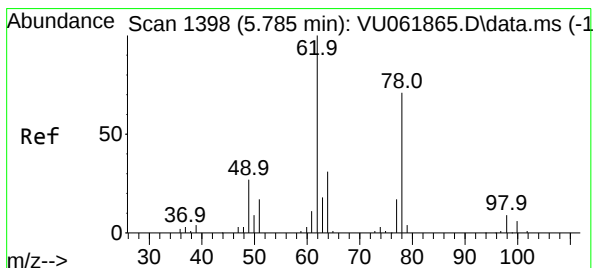
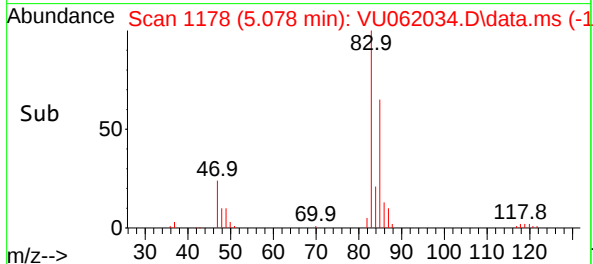
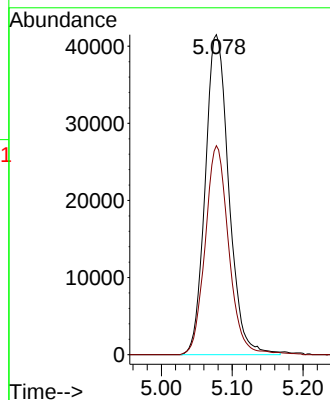
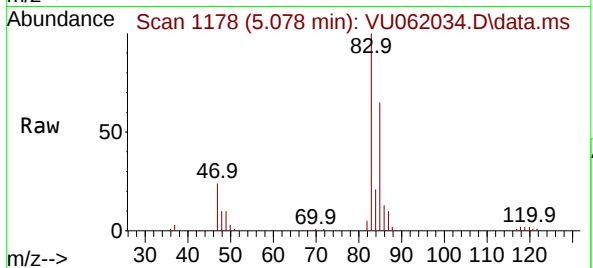
ClientSampleId :

Tgt Ion: 83 Resp: 95977

Ion Ratio Lower Upper

83 100

85 65.3 45.4 84.2



#27

1,2-Dichloroethane

Concen: 4.532 ug/L

RT: 5.785 min Scan# 1398

Delta R.T. -0.000 min

Lab File: VU062034.D

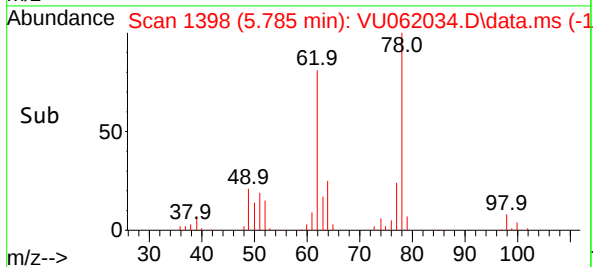
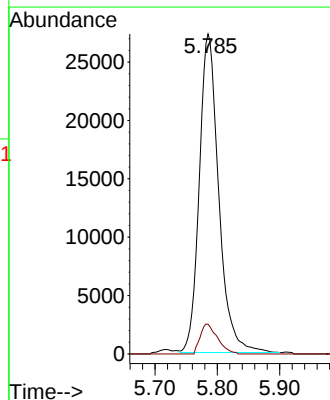
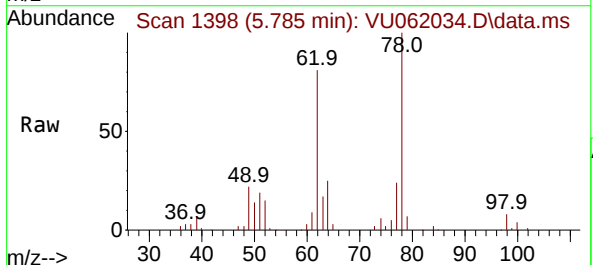
Acq: 26 Nov 2024 09:15

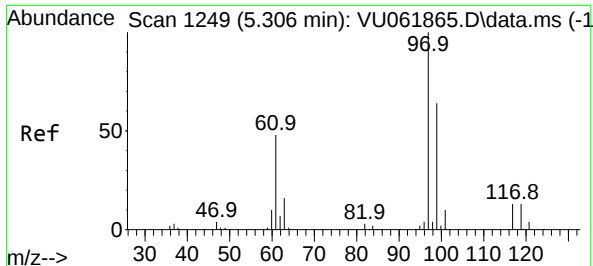
Tgt Ion: 62 Resp: 59163

Ion Ratio Lower Upper

62 100

98 9.3 7.4 11.0

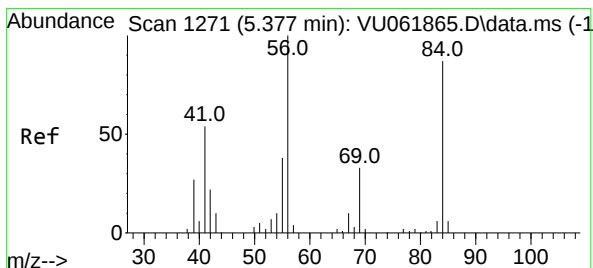
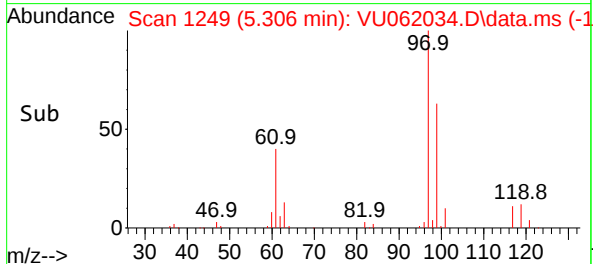
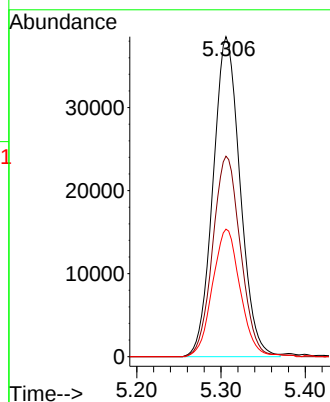
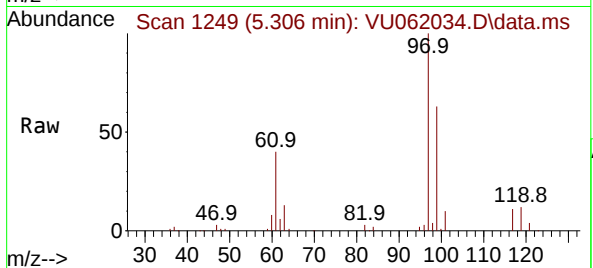




#29
1,1,1-Trichloroethane
Concen: 5.771 ug/L
RT: 5.306 min Scan# 11
Delta R.T. -0.000 min
Lab File: VU062034.D
Acq: 26 Nov 2024 09:15

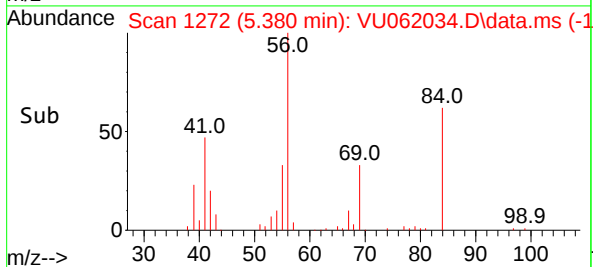
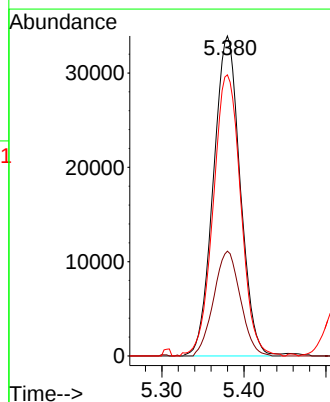
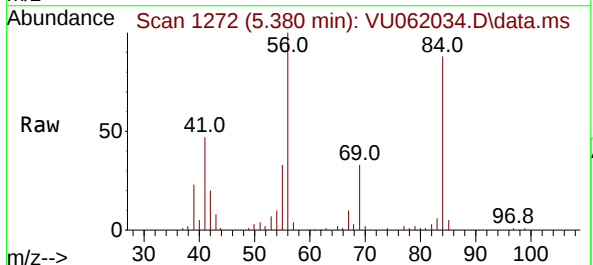
Instrument :
MSVOA_U
ClientSampleId :

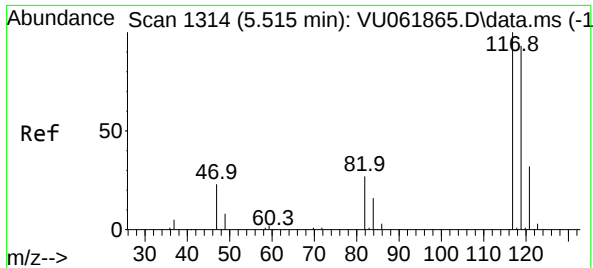
Tgt Ion: 97 Resp: 86023
Ion Ratio Lower Upper
97 100
99 64.5 51.4 77.2
61 40.9 37.8 56.6



#30
Cyclohexane
Concen: 4.936 ug/L
RT: 5.380 min Scan# 1272
Delta R.T. 0.003 min
Lab File: VU062034.D
Acq: 26 Nov 2024 09:15

Tgt Ion: 56 Resp: 76957
Ion Ratio Lower Upper
56 100
69 32.7 25.1 37.7
84 90.2 70.6 105.8

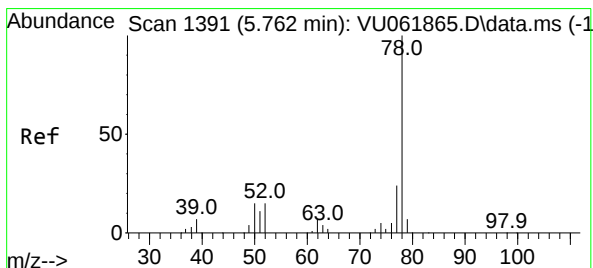
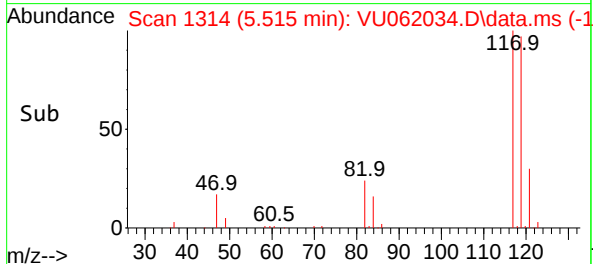
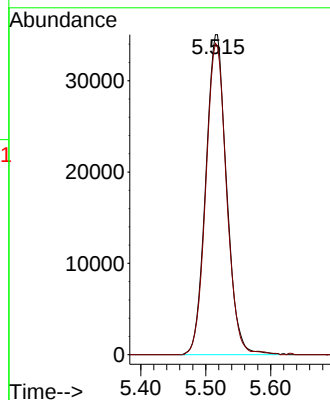
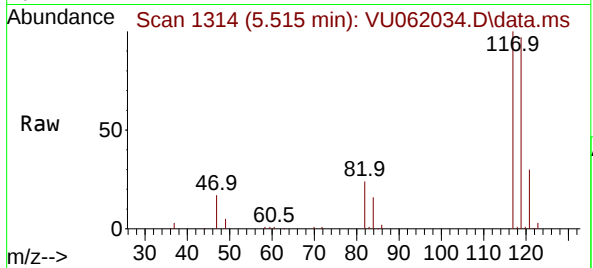




#31
Carbon tetrachloride
Concen: 6.175 ug/L
RT: 5.515 min Scan# 1314
Delta R.T. -0.000 min
Lab File: VU062034.D
Acq: 26 Nov 2024 09:15

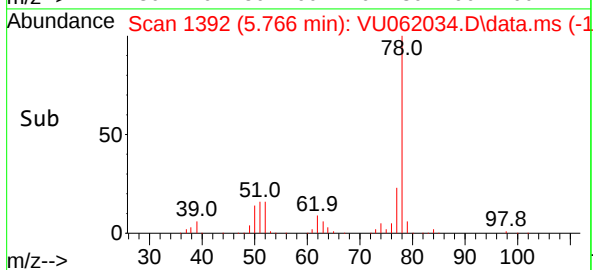
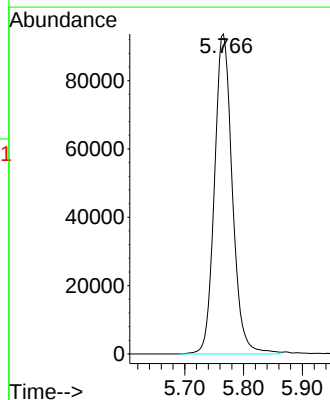
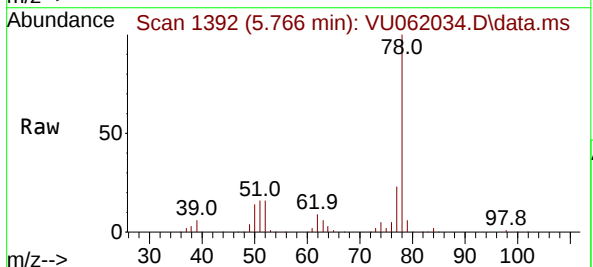
Instrument :
MSVOA_U
ClientSampleId :

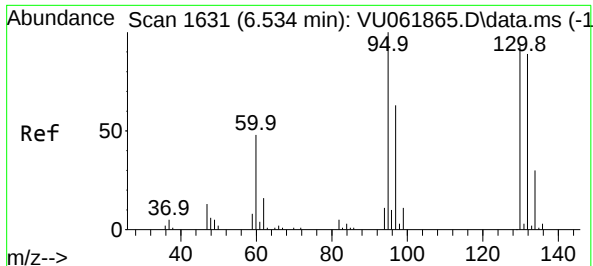
Tgt Ion:117 Resp: 78157
Ion Ratio Lower Upper
117 100
119 96.9 77.5 116.3



#33
Benzene
Concen: 5.058 ug/L
RT: 5.766 min Scan# 1392
Delta R.T. -0.000 min
Lab File: VU062034.D
Acq: 26 Nov 2024 09:15

Tgt Ion: 78 Resp: 197514





#34

Trichloroethene

Concen: 5.288 ug/L

RT: 6.534 min Scan# 1

Delta R.T. -0.000 min

Lab File: VU062034.D

Acq: 26 Nov 2024 09:15

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion: 95 Resp: 55116

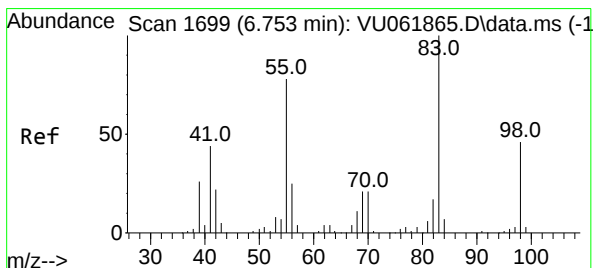
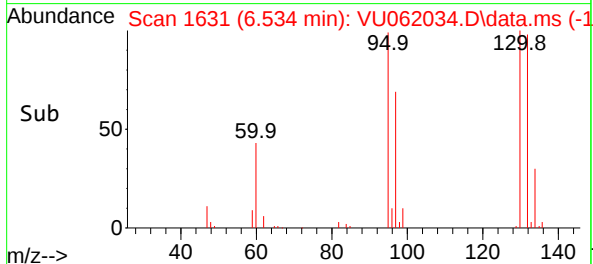
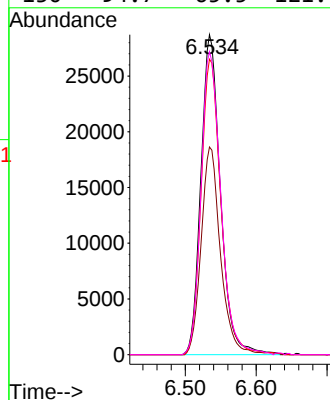
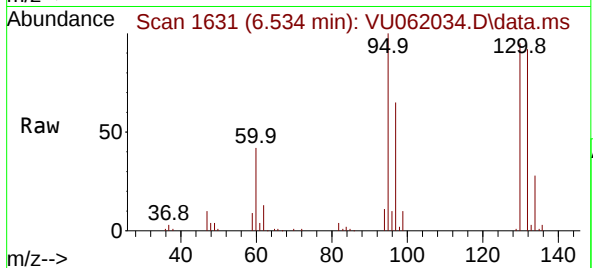
Ion Ratio Lower Upper

95 100

97 64.9 45.9 85.3

132 92.4 63.8 118.4

130 94.7 65.5 121.7



#35

Methylcyclohexane

Concen: 5.156 ug/L

RT: 6.753 min Scan# 1699

Delta R.T. -0.000 min

Lab File: VU062034.D

Acq: 26 Nov 2024 09:15

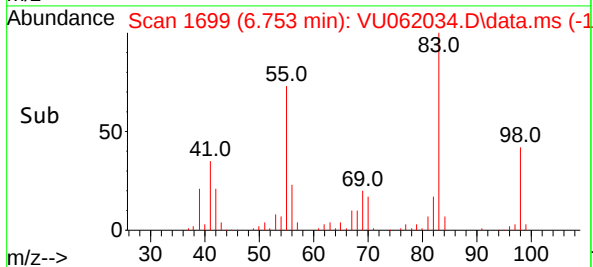
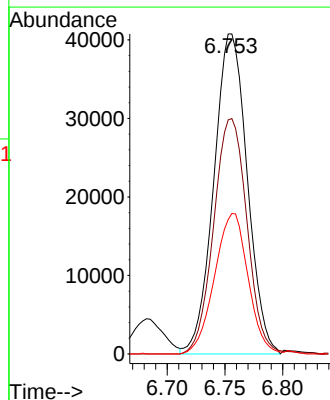
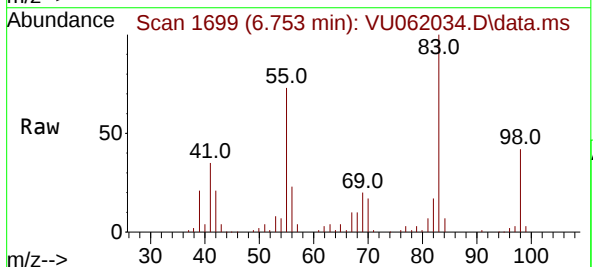
Tgt Ion: 83 Resp: 82208

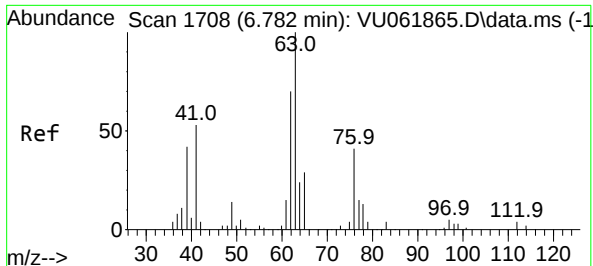
Ion Ratio Lower Upper

83 100

55 73.3 60.7 91.1

98 43.9 34.8 52.2





#37

1,2-Dichloropropane

Concen: 4.977 ug/L

RT: 6.782 min Scan# 1

Delta R.T. -0.000 min

Lab File: VU062034.D

Acq: 26 Nov 2024 09:15

Instrument :

MSVOA_U

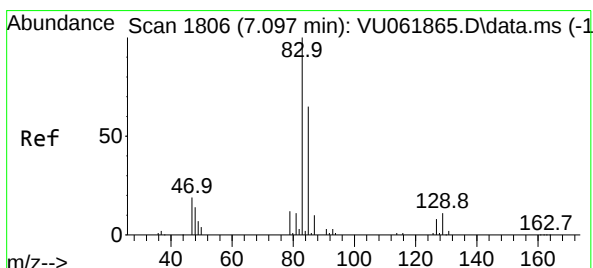
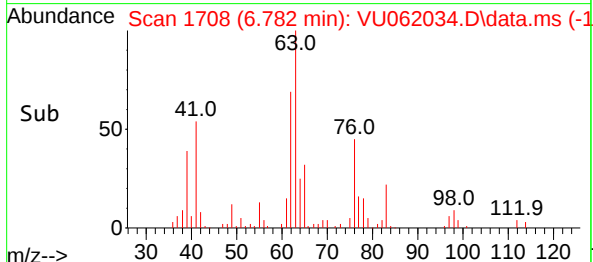
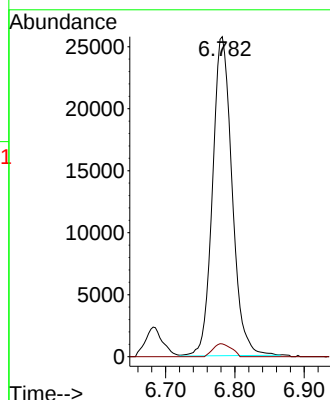
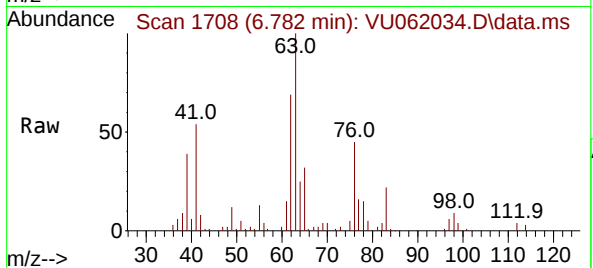
ClientSampleId :

Tgt Ion: 63 Resp: 50501

Ion Ratio Lower Upper

63 100

112 3.8 3.4 5.0



#38

Bromodichloromethane

Concen: 5.414 ug/L

RT: 7.097 min Scan# 1806

Delta R.T. -0.000 min

Lab File: VU062034.D

Acq: 26 Nov 2024 09:15

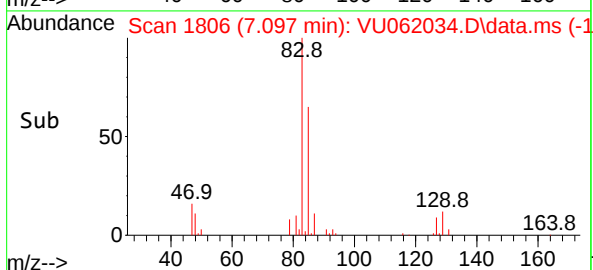
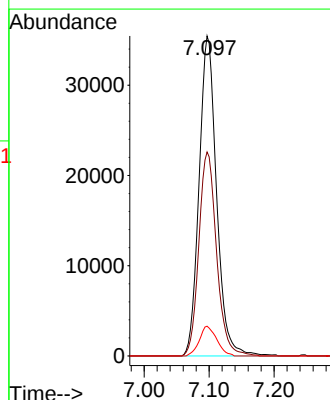
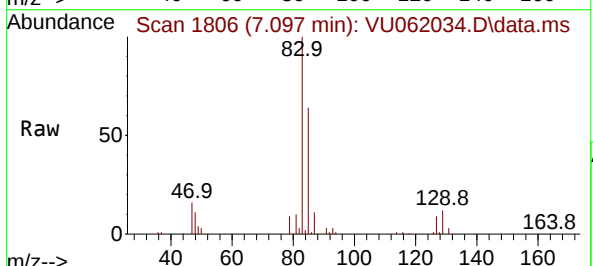
Tgt Ion: 83 Resp: 66614

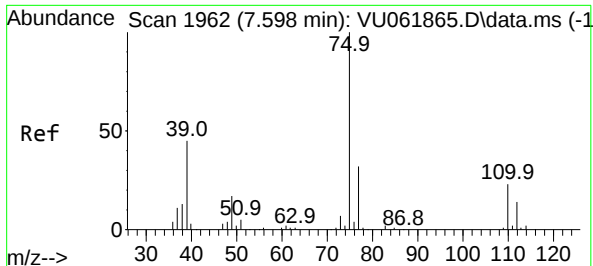
Ion Ratio Lower Upper

83 100

85 63.8 44.1 81.9

127 9.3 6.9 10.3





#39

cis-1,3-Dichloropropene

Concen: 5.366 ug/L

RT: 7.598 min Scan# 1962

Delta R.T. -0.000 min

Lab File: VU062034.D

Acq: 26 Nov 2024 09:15

Instrument :

MSVOA_U

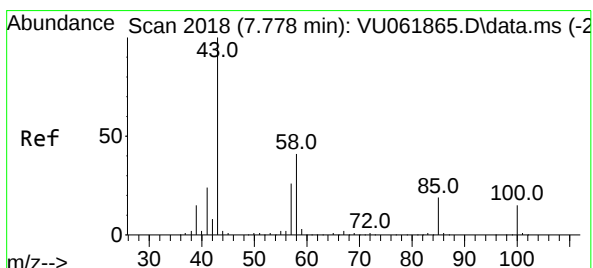
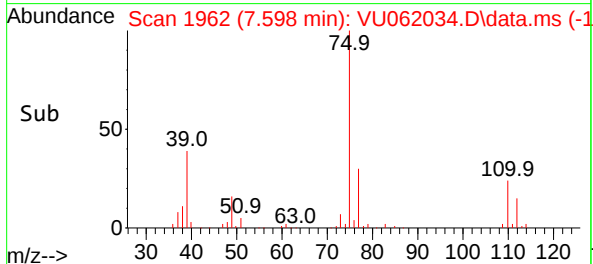
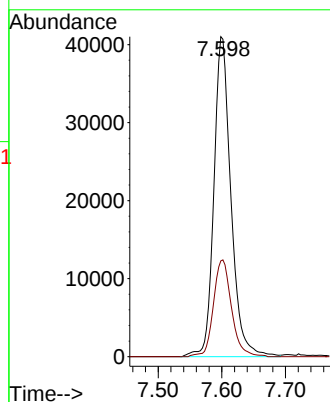
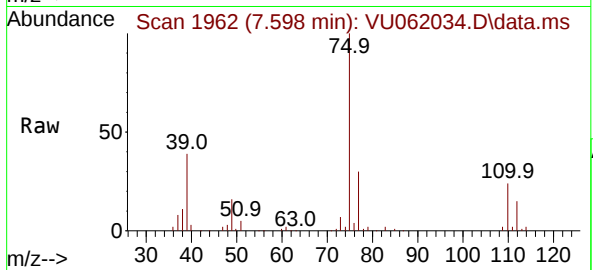
ClientSampleId :

Tgt Ion: 75 Resp: 76341

Ion Ratio Lower Upper

75 100

77 30.0 22.3 41.3



#40

4-Methyl-2-pentanone

Concen: 45.219 ug/L

RT: 7.782 min Scan# 2019

Delta R.T. -0.000 min

Lab File: VU062034.D

Acq: 26 Nov 2024 09:15

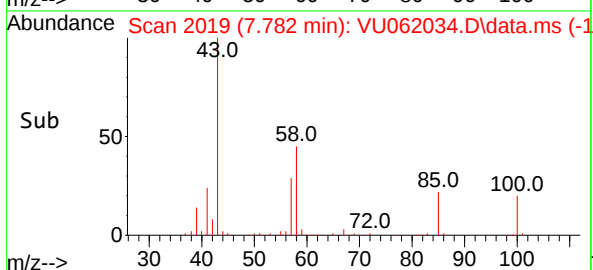
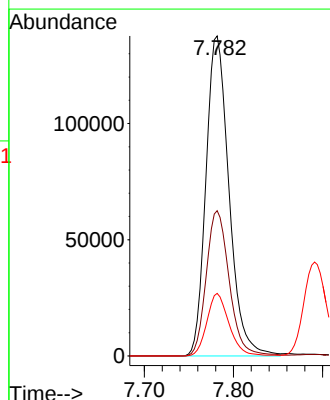
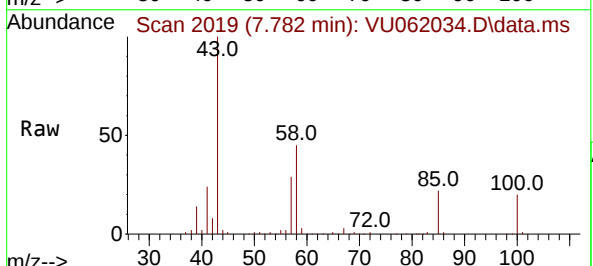
Tgt Ion: 43 Resp: 247553

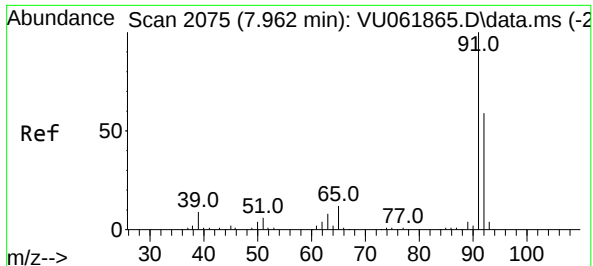
Ion Ratio Lower Upper

43 100

58 45.3 33.3 49.9

100 18.8 12.4 18.6#





#42

Toluene

Concen: 5.248 ug/L

RT: 7.962 min Scan# 2150

Delta R.T. -0.000 min

Lab File: VU062034.D

Acq: 26 Nov 2024 09:15

Instrument :

MSVOA_U

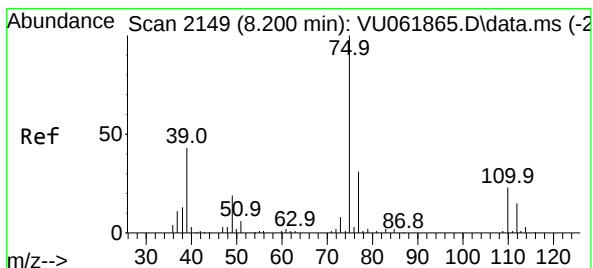
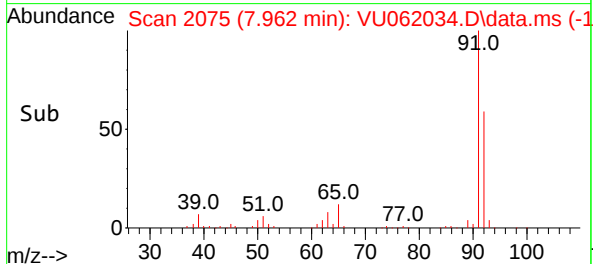
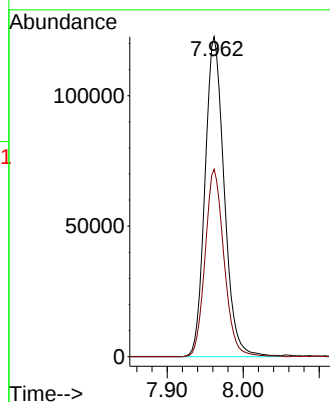
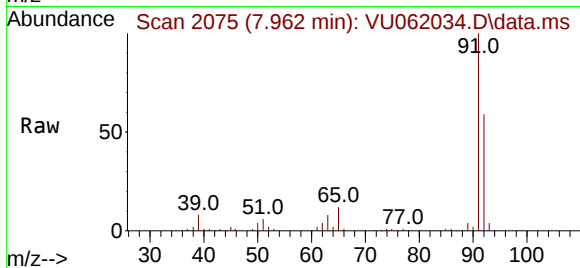
ClientSampleId :

Tgt Ion: 91 Resp: 215093

Ion Ratio Lower Upper

91 100

92 58.5 39.0 72.4



#44

trans-1,3-Dichloropropene

Concen: 5.564 ug/L

RT: 8.203 min Scan# 2150

Delta R.T. -0.000 min

Lab File: VU062034.D

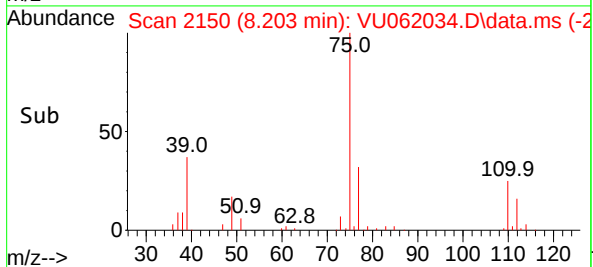
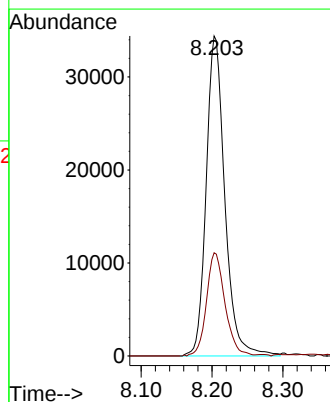
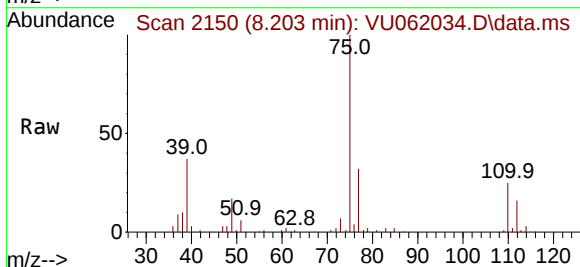
Acq: 26 Nov 2024 09:15

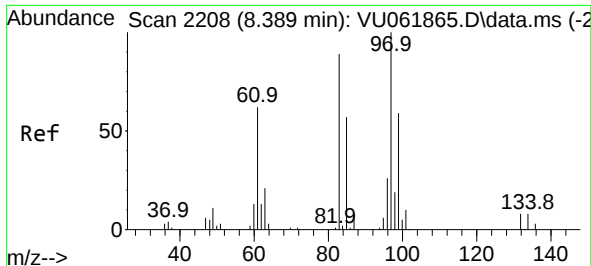
Tgt Ion: 75 Resp: 62865

Ion Ratio Lower Upper

75 100

77 32.2 21.8 40.4





#45

1,1,2-Trichloroethane

Concen: 5.088 ug/L

RT: 8.393 min Scan# 21

Delta R.T. -0.000 min

Lab File: VU062034.D

Acq: 26 Nov 2024 09:15

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion: 97 Resp: 38033

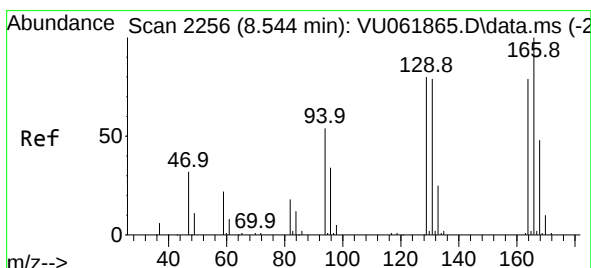
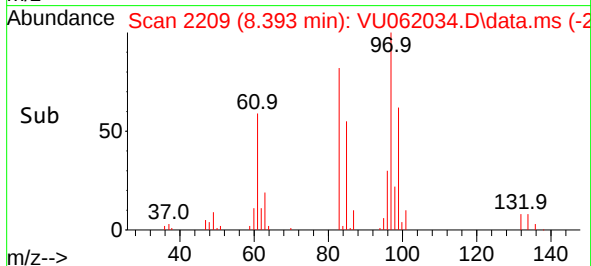
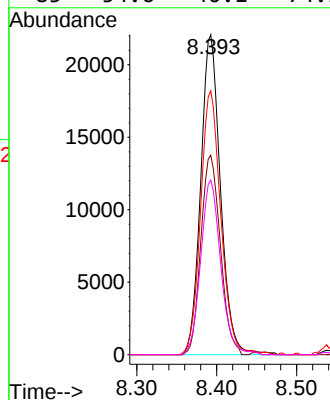
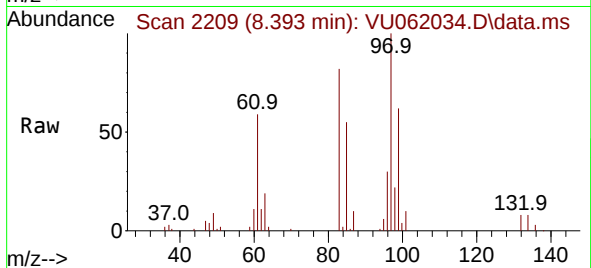
Ion Ratio Lower Upper

97 100

99 62.4 43.0 79.8

83 82.5 61.7 114.5

85 54.6 40.1 74.5



#47

Tetrachloroethene

Concen: 5.659 ug/L

RT: 8.547 min Scan# 2257

Delta R.T. 0.003 min

Lab File: VU062034.D

Acq: 26 Nov 2024 09:15

Tgt Ion:164 Resp: 42901

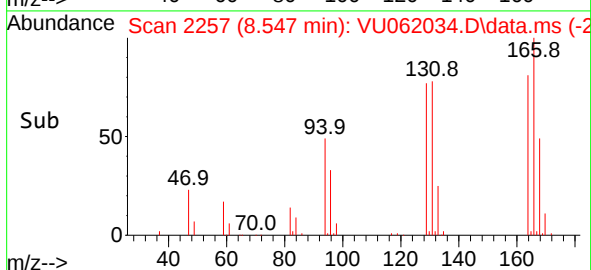
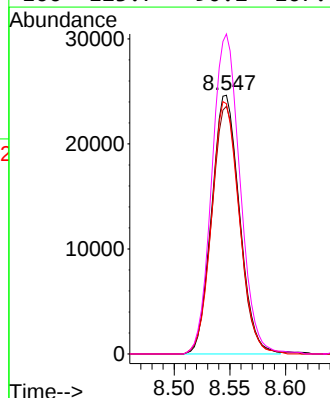
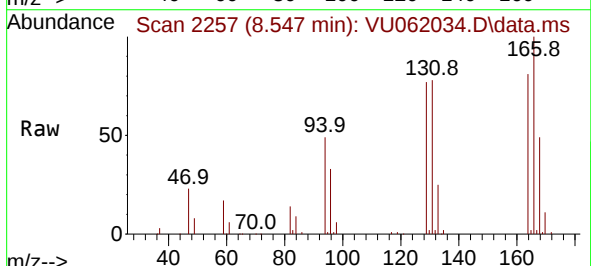
Ion Ratio Lower Upper

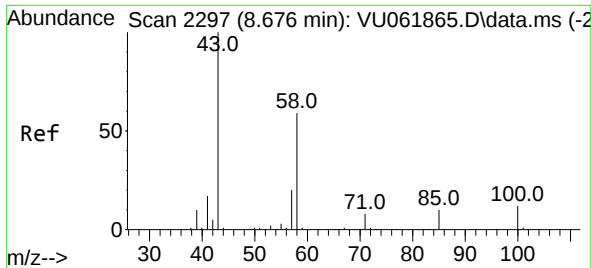
164 100

129 95.7 73.2 136.0

131 96.7 72.3 134.3

166 123.7 90.2 167.4

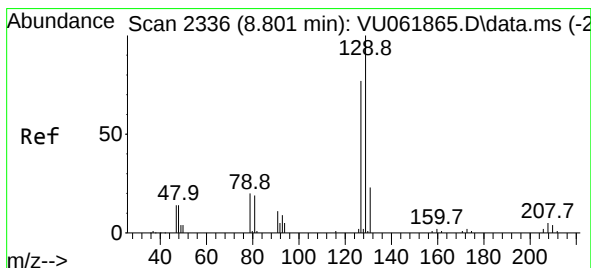
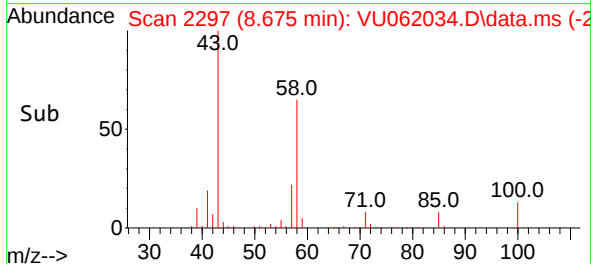
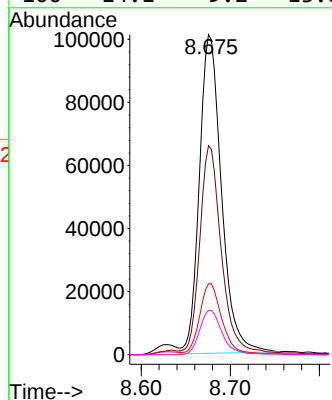
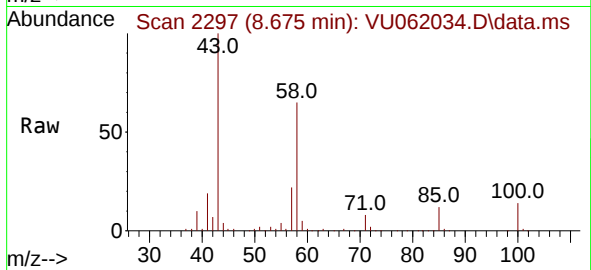




#48
2-Hexanone
Concen: 42.461 ug/L
RT: 8.675 min Scan# 2297
Delta R.T. -0.000 min
Lab File: VU062034.D
Acq: 26 Nov 2024 09:15

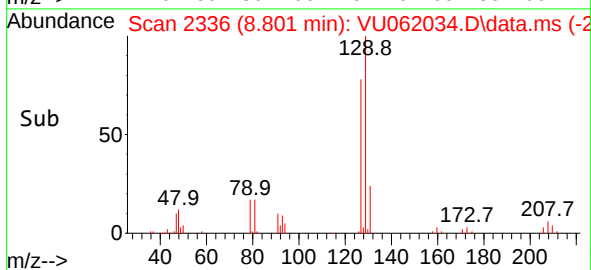
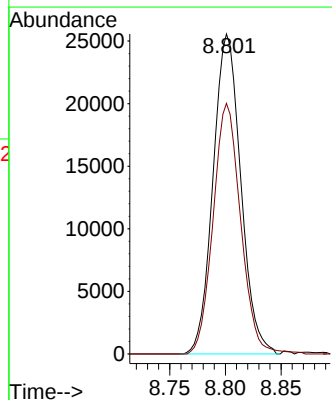
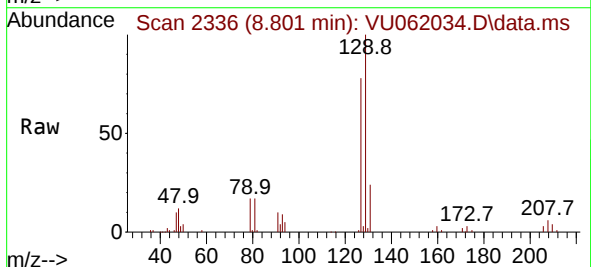
Instrument :
MSVOA_U
ClientSampleId :

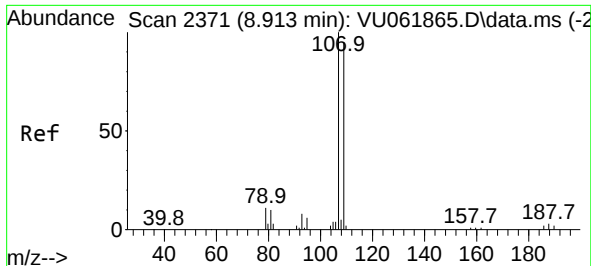
Tgt Ion: 43	Resp: 174089
Ion Ratio	Lower Upper
43 100	
58 63.8	47.5 71.3
57 22.4	15.6 23.4
100 14.1	9.2 13.8#



#49
Dibromochloromethane
Concen: 5.609 ug/L
RT: 8.801 min Scan# 2336
Delta R.T. 0.003 min
Lab File: VU062034.D
Acq: 26 Nov 2024 09:15

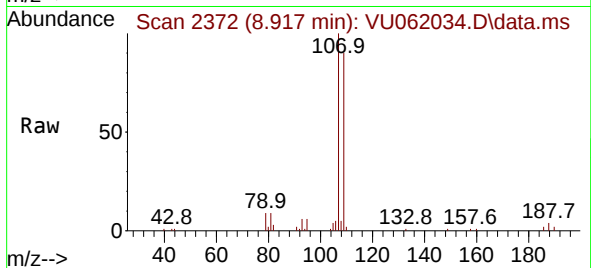
Tgt Ion:129	Resp: 44292		
Ion Ratio	Lower	Upper	
129 100			
127 78.3	51.1	94.9	



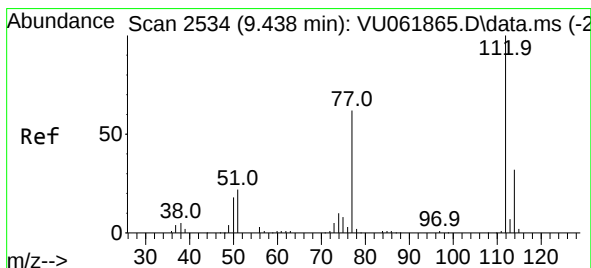
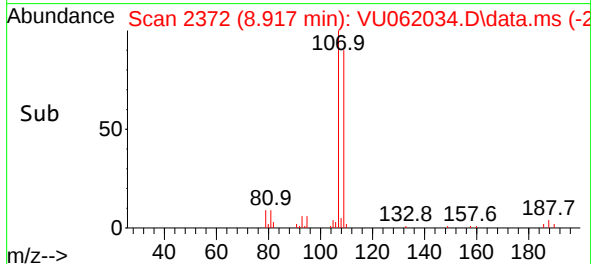
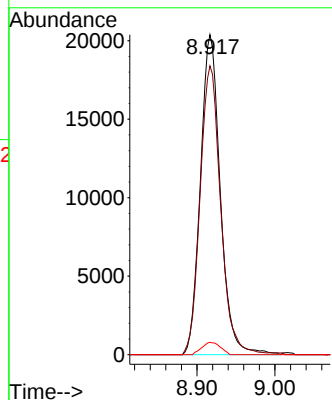


#50
1,2-Dibromoethane
Concen: 4.875 ug/L
RT: 8.917 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU062034.D
Acq: 26 Nov 2024 09:15

Instrument :
MSVOA_U
ClientSampleId :

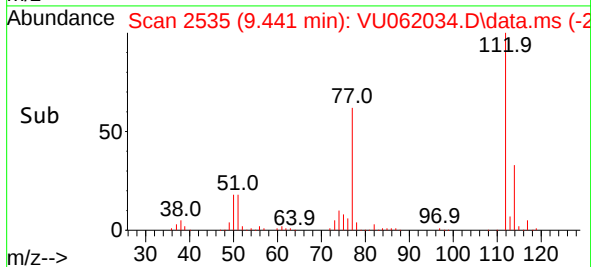
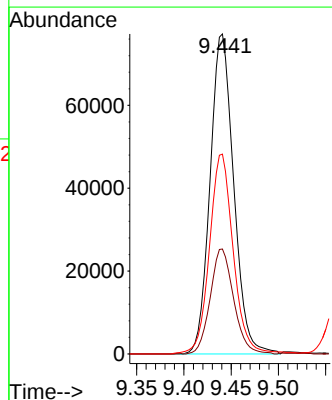
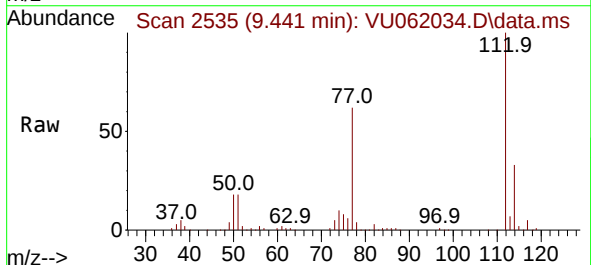


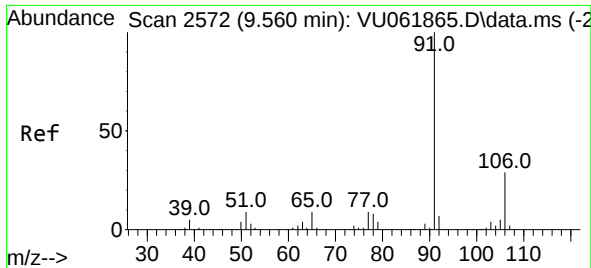
Tgt Ion:107 Resp: 36166
Ion Ratio Lower Upper
107 100
109 90.3 66.8 124.2
188 3.9 2.3 3.5#



#51
Chlorobenzene
Concen: 4.778 ug/L
RT: 9.441 min Scan# 2535
Delta R.T. 0.003 min
Lab File: VU062034.D
Acq: 26 Nov 2024 09:15

Tgt Ion:112 Resp: 134112
Ion Ratio Lower Upper
112 100
114 32.8 23.0 42.6
77 62.5 50.5 75.7

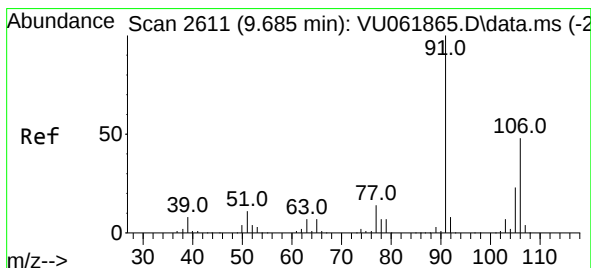
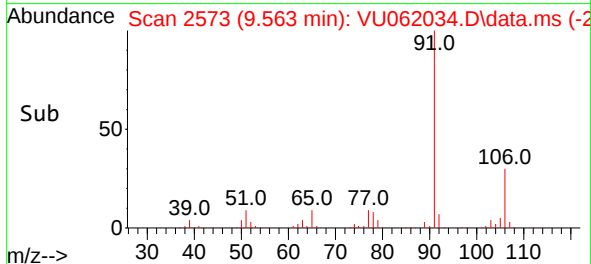
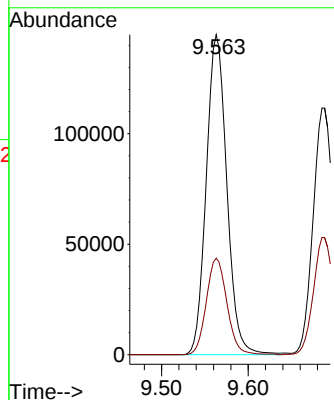
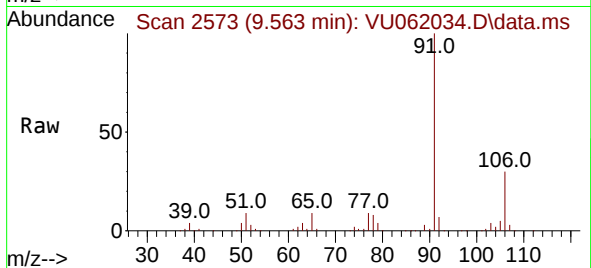




#52
Ethylbenzene
Concen: 4.869 ug/L
RT: 9.563 min Scan# 21
Delta R.T. 0.003 min
Lab File: VU062034.D
Acq: 26 Nov 2024 09:15

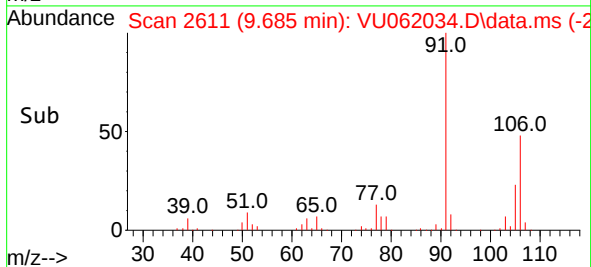
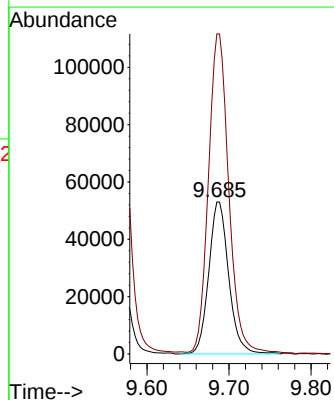
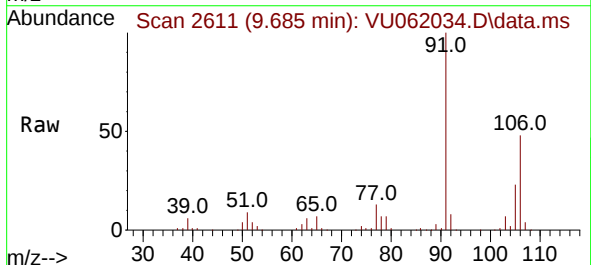
Instrument :
MSVOA_U
ClientSampleId :

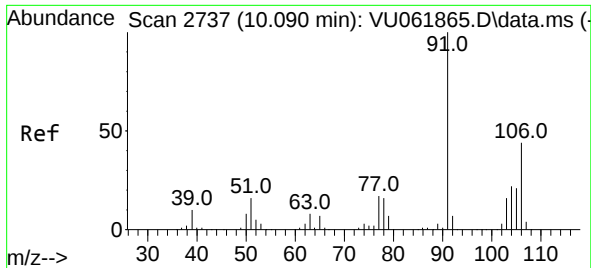
Tgt Ion: 91 Resp: 238810
Ion Ratio Lower Upper
91 100
106 30.2 21.6 40.0



#53
m,p-Xylene
Concen: 5.173 ug/L
RT: 9.685 min Scan# 2611
Delta R.T. -0.000 min
Lab File: VU062034.D
Acq: 26 Nov 2024 09:15

Tgt Ion:106 Resp: 89526
Ion Ratio Lower Upper
106 100
91 210.5 147.6 274.0

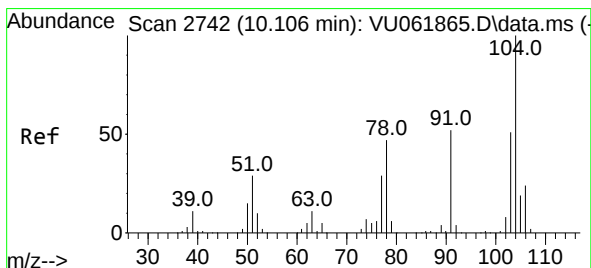
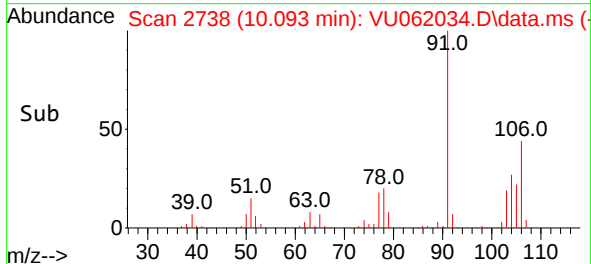
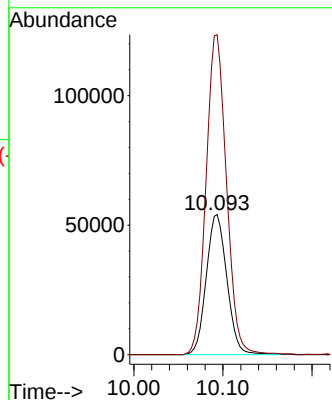
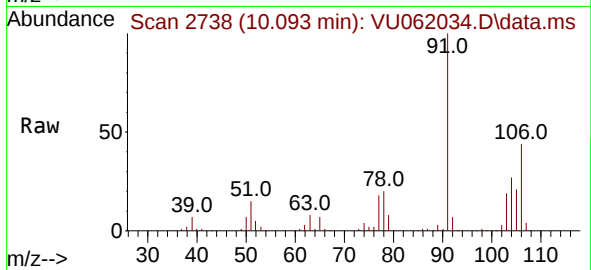




#54
o-Xylene
Concen: 4.975 ug/L
RT: 10.093 min Scan# 2737
Delta R.T. -0.000 min
Lab File: VU062034.D
Acq: 26 Nov 2024 09:15

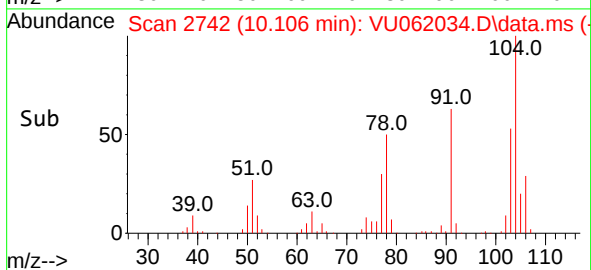
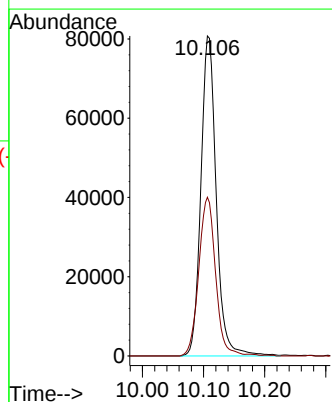
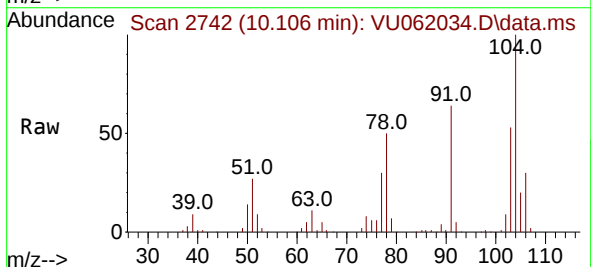
Instrument :
MSVOA_U
ClientSampleId :

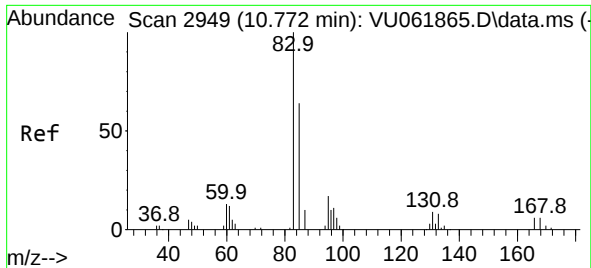
Tgt Ion:106 Resp: 86907
Ion Ratio Lower Upper
106 100
91 228.4 159.8 296.8



#55
Styrene
Concen: 4.906 ug/L
RT: 10.106 min Scan# 2742
Delta R.T. -0.000 min
Lab File: VU062034.D
Acq: 26 Nov 2024 09:15

Tgt Ion:104 Resp: 141177
Ion Ratio Lower Upper
104 100
78 49.6 33.2 61.7

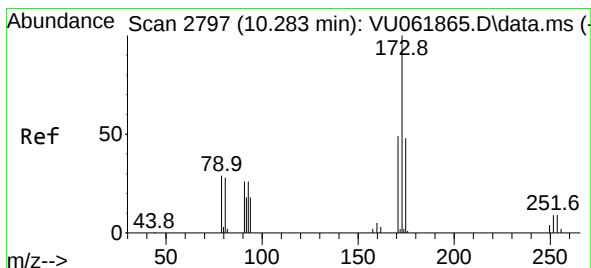
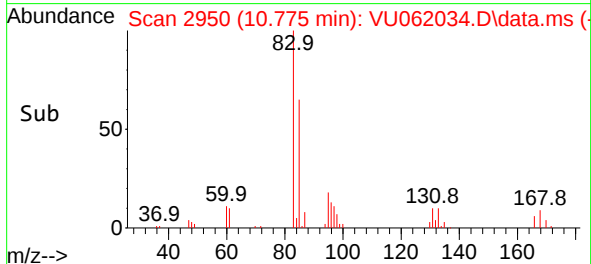
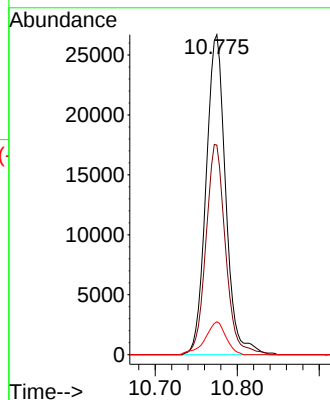
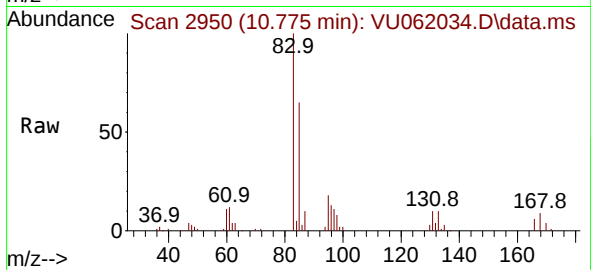




#57
1,1,2,2-Tetrachloroethane
Concen: 4.621 ug/L
RT: 10.775 min Scan# 2949
Delta R.T. 0.003 min
Lab File: VU062034.D
Acq: 26 Nov 2024 09:15

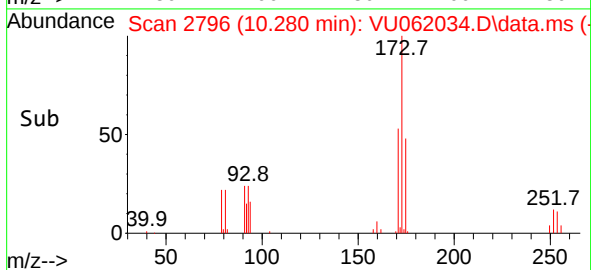
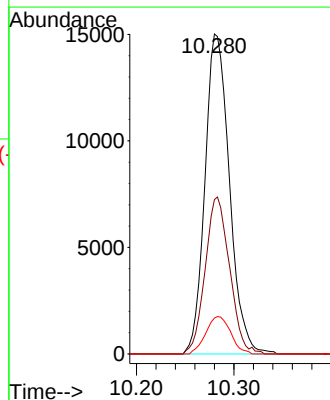
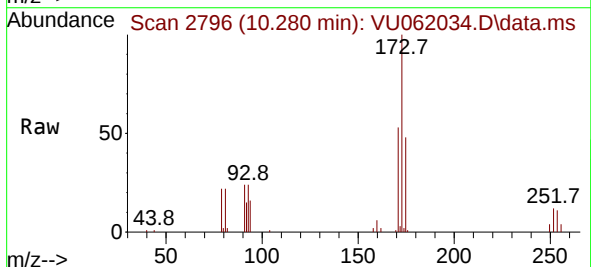
Instrument :
MSVOA_U
ClientSampleId :

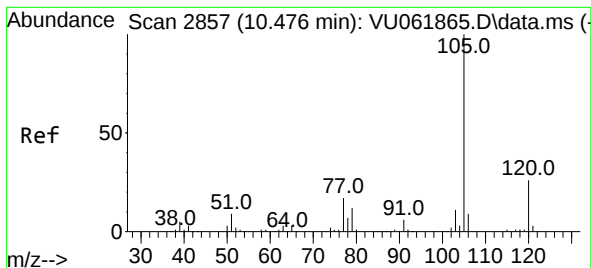
Tgt Ion: 83 Resp: 44261
Ion Ratio Lower Upper
83 100
85 65.5 44.4 82.4
131 10.3 7.3 10.9



#59
Bromoform
Concen: 5.249 ug/L
RT: 10.280 min Scan# 2796
Delta R.T. -0.000 min
Lab File: VU062034.D
Acq: 26 Nov 2024 09:15

Tgt Ion:173 Resp: 26247
Ion Ratio Lower Upper
173 100
175 48.8 39.0 58.4
254 11.9 7.4 11.0#





#60

Isopropylbenzene

Concen: 4.550 ug/L

RT: 10.476 min Scan# 21

Delta R.T. -0.000 min

Lab File: VU062034.D

Acq: 26 Nov 2024 09:15

Instrument :

MSVOA_U

ClientSampleId :

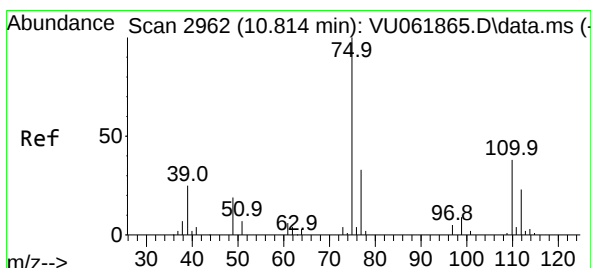
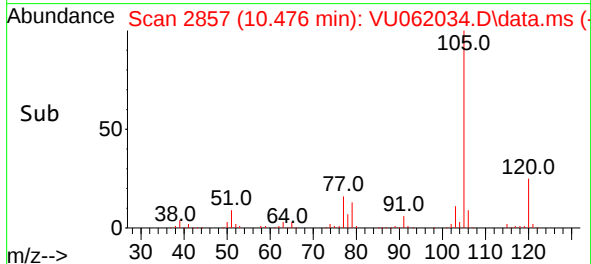
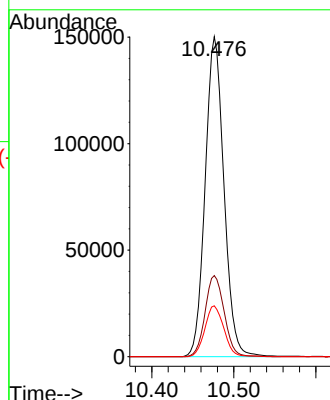
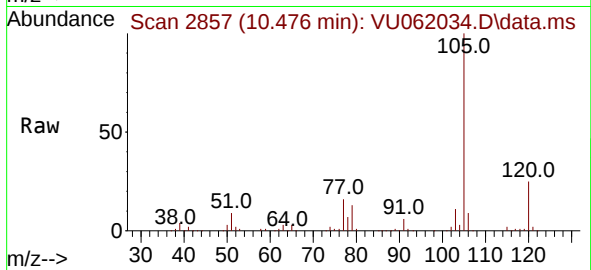
Tgt Ion:105 Resp: 238598

Ion Ratio Lower Upper

105 100

120 25.8 20.6 31.0

77 16.1 13.0 19.6



#61

1,2,3-Trichloropropane

Concen: 4.026 ug/L

RT: 10.814 min Scan# 2962

Delta R.T. -0.000 min

Lab File: VU062034.D

Acq: 26 Nov 2024 09:15

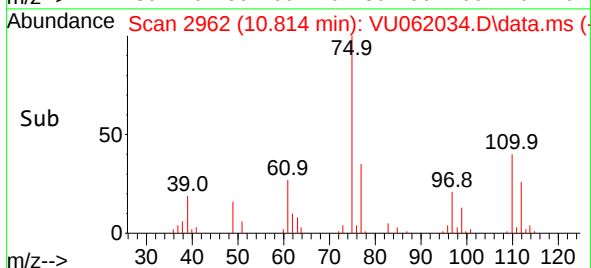
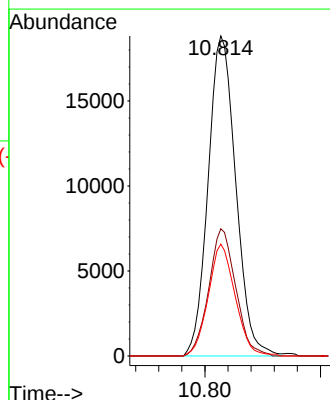
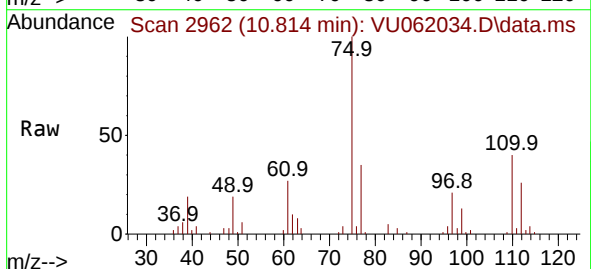
Tgt Ion: 75 Resp: 31306

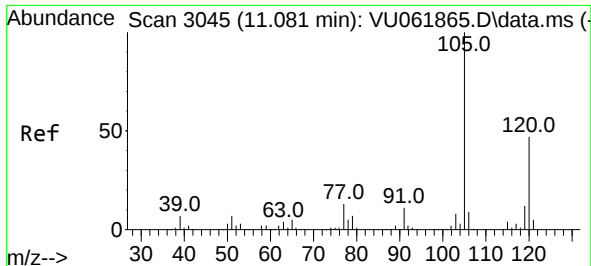
Ion Ratio Lower Upper

75 100

110 38.7 28.9 43.3

77 33.9 26.5 39.7

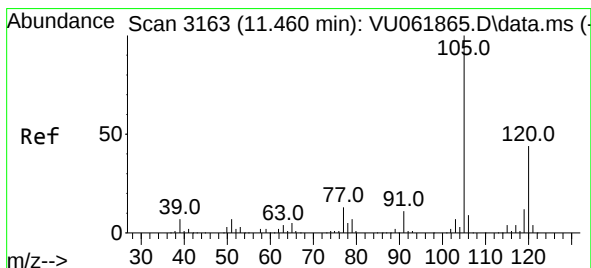
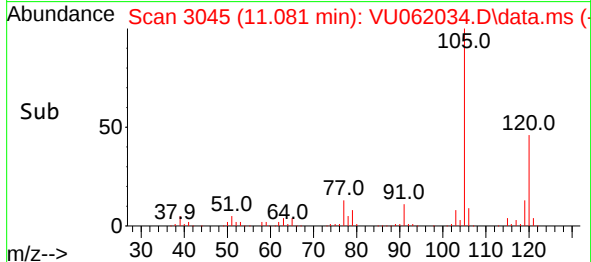
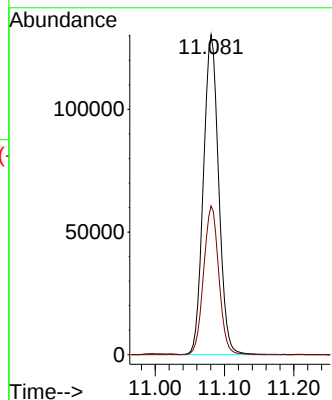
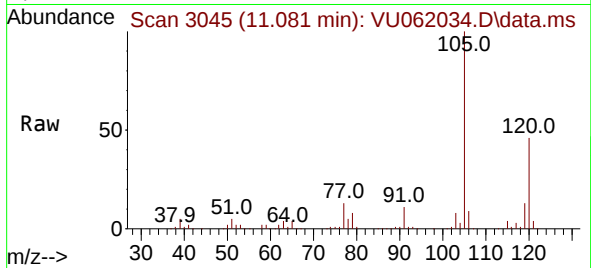




#62
1,3,5-Trimethylbenzene
Concen: 4.775 ug/L
RT: 11.081 min Scan# 3045
Delta R.T. -0.000 min
Lab File: VU062034.D
Acq: 26 Nov 2024 09:15

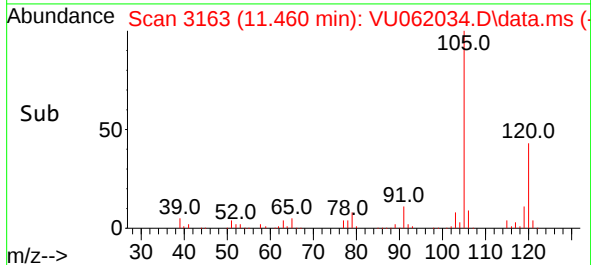
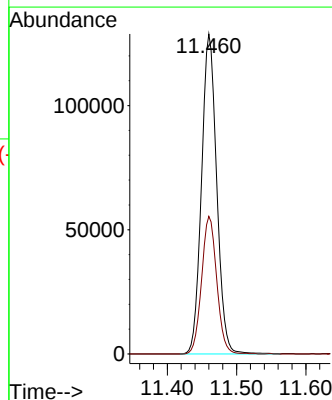
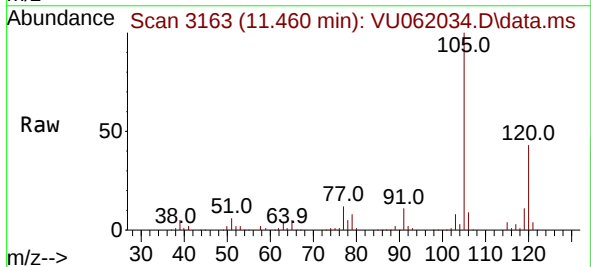
Instrument :
MSVOA_U
ClientSampleId :

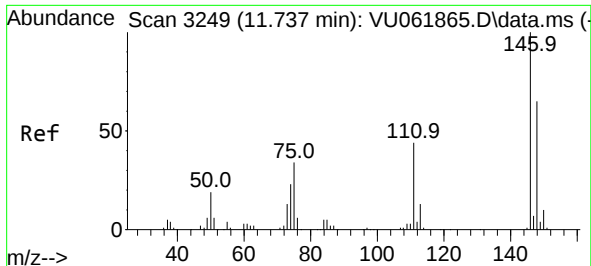
Tgt Ion:105 Resp: 199779
Ion Ratio Lower Upper
105 100
120 46.2 36.7 55.1



#63
1,2,4-Trimethylbenzene
Concen: 4.707 ug/L
RT: 11.460 min Scan# 3163
Delta R.T. -0.000 min
Lab File: VU062034.D
Acq: 26 Nov 2024 09:15

Tgt Ion:105 Resp: 196337
Ion Ratio Lower Upper
105 100
120 42.8 34.7 52.1





#64

1,3-Dichlorobenzene

Concen: 4.605 ug/L

RT: 11.740 min Scan# 31

Delta R.T. 0.003 min

Lab File: VU062034.D

Acq: 26 Nov 2024 09:15

Instrument :

MSVOA_U

ClientSampleId :

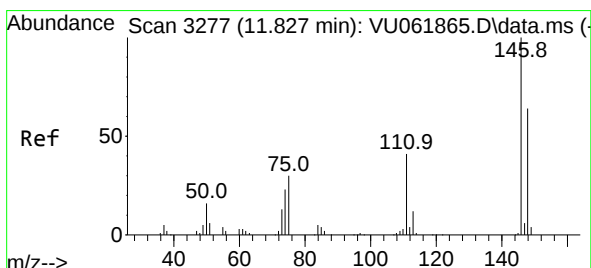
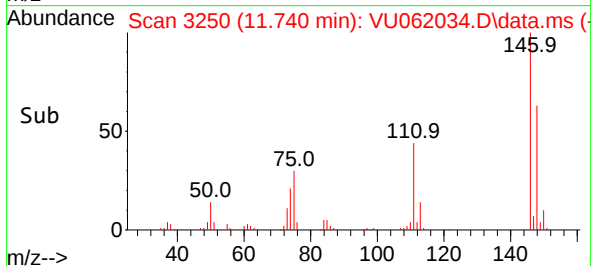
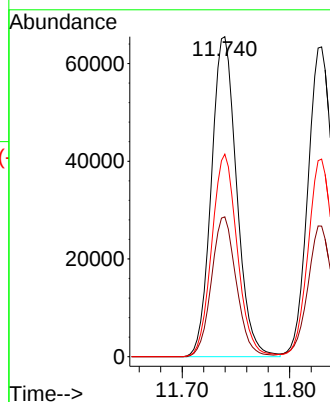
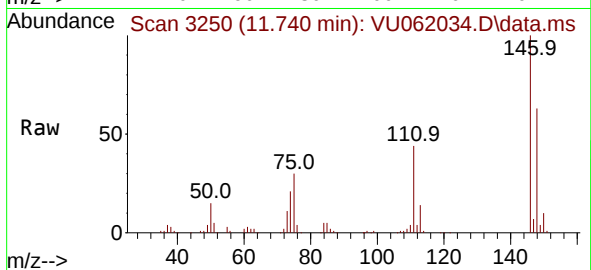
Tgt Ion:146 Resp: 107206

Ion Ratio Lower Upper

146 100

111 43.7 30.7 57.1

148 63.3 45.1 83.7



#65

1,4-Dichlorobenzene

Concen: 4.690 ug/L

RT: 11.830 min Scan# 3278

Delta R.T. 0.003 min

Lab File: VU062034.D

Acq: 26 Nov 2024 09:15

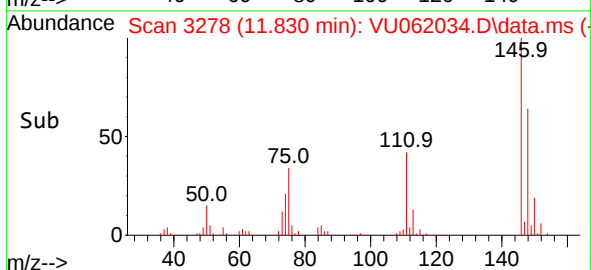
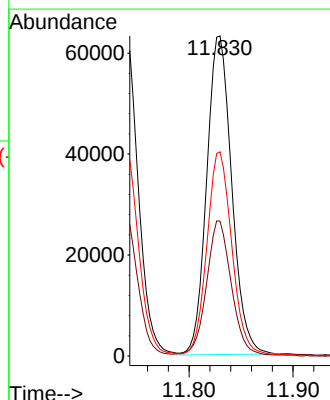
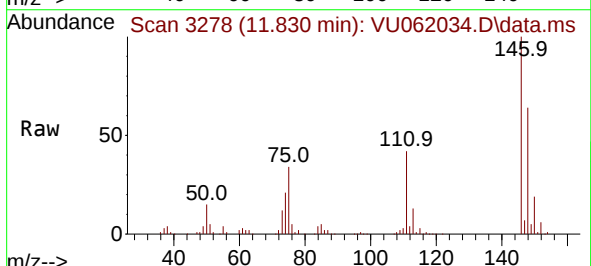
Tgt Ion:146 Resp: 105690

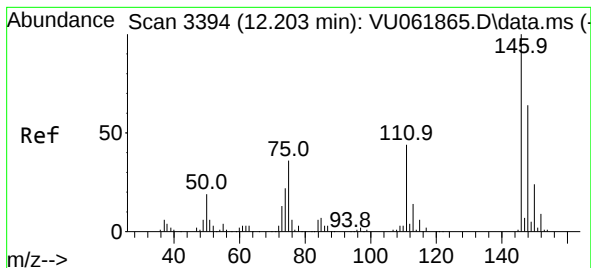
Ion Ratio Lower Upper

146 100

111 42.1 29.3 54.3

148 63.8 44.6 82.8





#67

1,2-Dichlorobenzene

Concen: 4.914 ug/L

RT: 12.206 min Scan# 31

Delta R.T. 0.003 min

Lab File: VU062034.D

Acq: 26 Nov 2024 09:15

Instrument :

MSVOA_U

ClientSampleId :

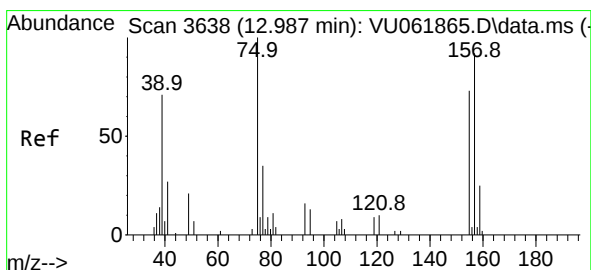
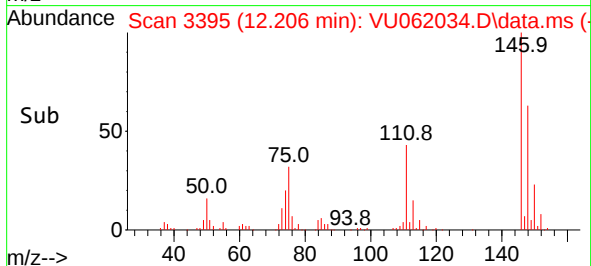
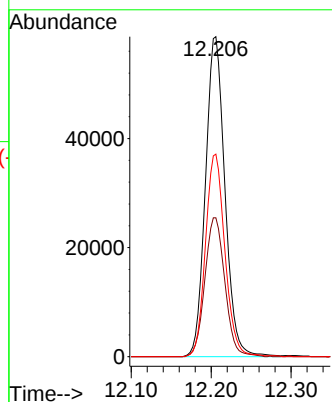
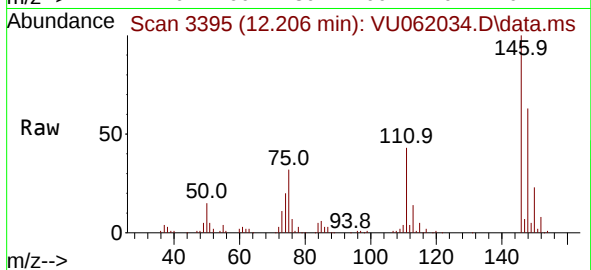
Tgt Ion:146 Resp: 99493

Ion Ratio Lower Upper

146 100

111 43.4 36.0 54.0

148 63.3 52.3 78.5



#68

1,2-Dibromo-3-chloropropane

Concen: 5.373 ug/L

RT: 12.987 min Scan# 3638

Delta R.T. -0.000 min

Lab File: VU062034.D

Acq: 26 Nov 2024 09:15

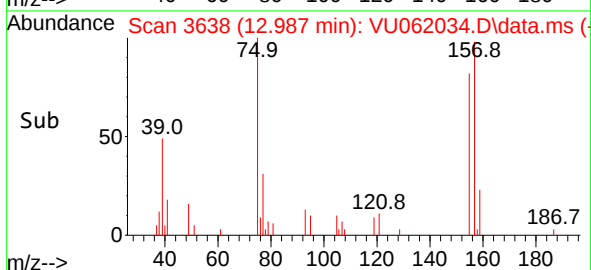
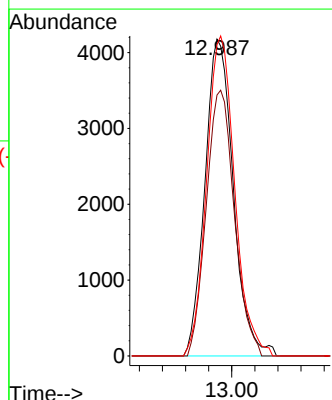
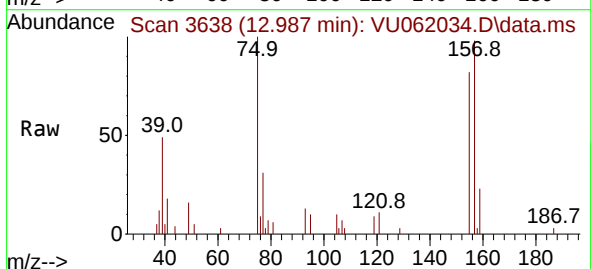
Tgt Ion: 75 Resp: 7130

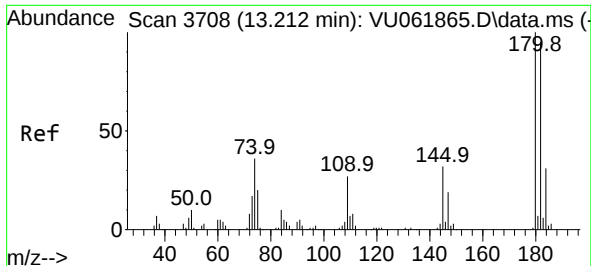
Ion Ratio Lower Upper

75 100

155 82.4 55.2 82.8

157 98.3 73.5 110.3





#69

1,3,5-Trichlorobenzene

Concen: 5.748 ug/L

RT: 13.212 min Scan# 31

Delta R.T. -0.000 min

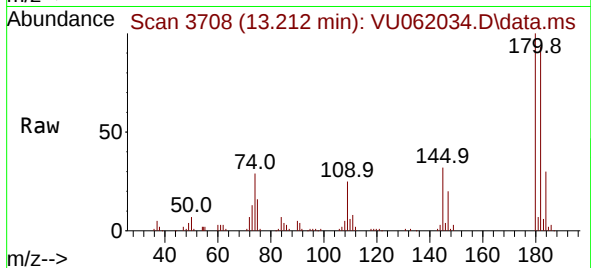
Lab File: VU062034.D

Acq: 26 Nov 2024 09:15

Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion:180 Resp: 79625

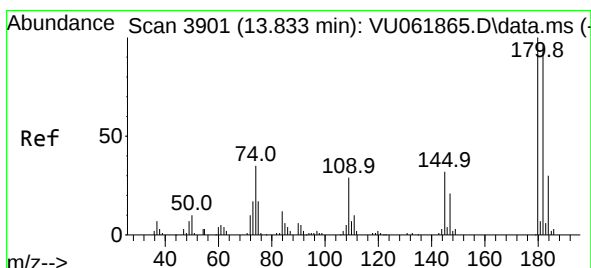
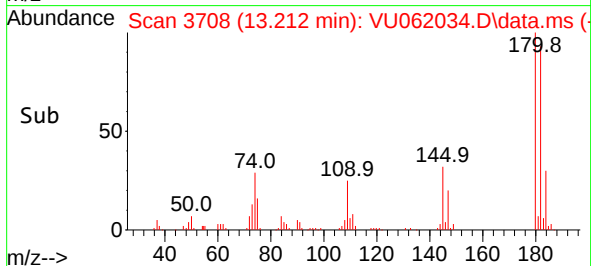
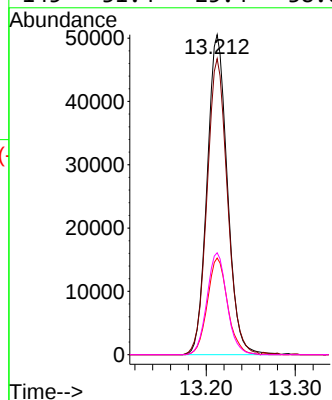
Ion Ratio Lower Upper

180 100

182 93.2 76.7 115.1

184 30.2 24.8 37.2

145 31.4 25.4 38.0



#70

1,2,4-trichlorobenzene

Concen: 5.609 ug/L

RT: 13.833 min Scan# 3901

Delta R.T. -0.000 min

Lab File: VU062034.D

Acq: 26 Nov 2024 09:15

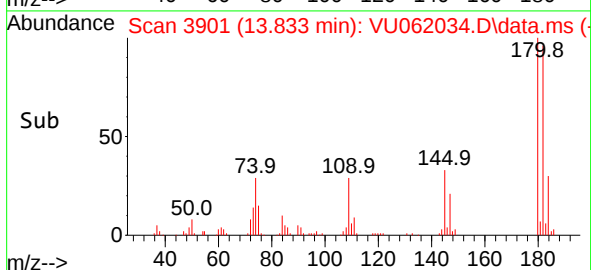
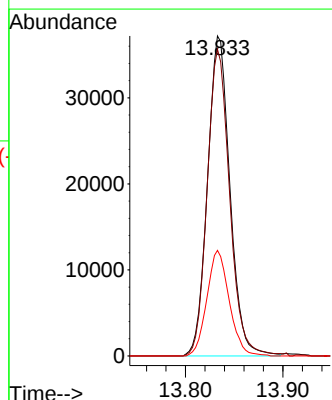
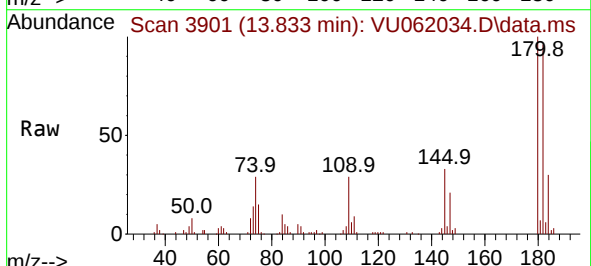
Tgt Ion:180 Resp: 59554

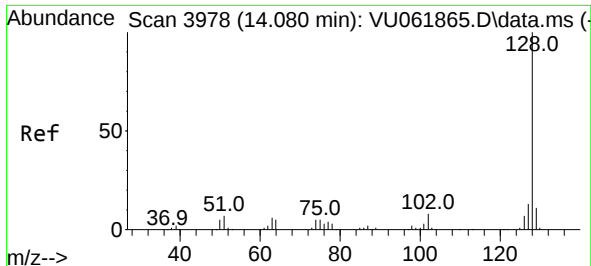
Ion Ratio Lower Upper

180 100

182 95.7 74.5 111.7

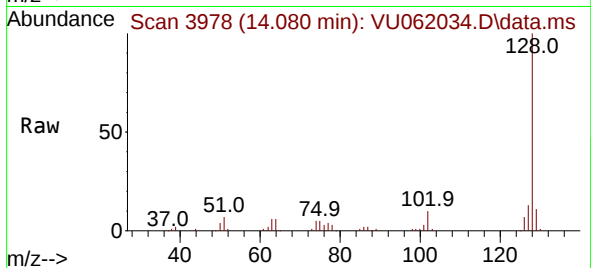
145 32.9 25.6 38.4



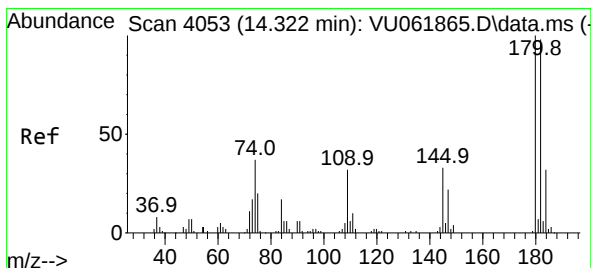
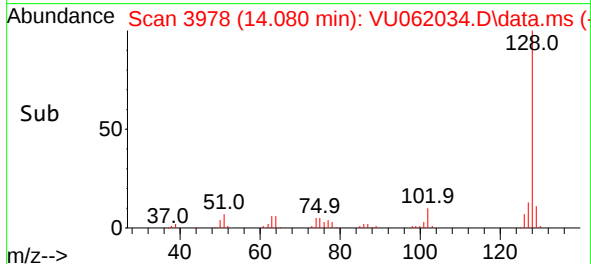
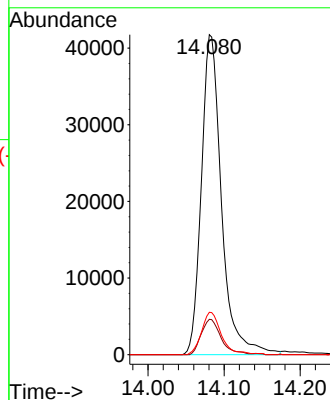


#71
Naphthalene
Concen: 4.487 ug/L
RT: 14.080 min Scan# 3978
Delta R.T. -0.000 min
Lab File: VU062034.D
Acq: 26 Nov 2024 09:15

Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion:128 Resp: 76789
Ion Ratio Lower Upper
128 100
129 10.9 8.5 12.7
127 12.9 10.2 15.4



#72
1,2,3-Trichlorobenzene
Concen: 5.391 ug/L
RT: 14.322 min Scan# 4053
Delta R.T. -0.000 min
Lab File: VU062034.D
Acq: 26 Nov 2024 09:15

Tgt Ion:180 Resp: 49295
Ion Ratio Lower Upper
180 100
182 96.4 76.1 114.1
145 33.7 27.4 41.0

