

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW072022\
 Data File : VW026860.D
 Acq On : 20 Jul 2022 20:01
 Operator : SY/MD
 Sample : N3802-08MS
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Jul 21 01:53:06 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR071122WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Jul 21 01:47:16 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.616	114	225682	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.853	117	230840	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	125773	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	60608	2.944	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	58.800%
7) Chloroethane-d5	1.564	69	61476	3.456	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	69.200%
11) 1,1-Dichloroethene-d2	2.108	63	136835	3.462	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	69.200%
20) 2-Butanone-d5	3.883	46	201218	62.619	ug/L	-0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	125.240%
24) Chloroform-d	4.346	84	166239	4.618	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.400%
26) 1,2-Dichloroethane-d4	5.030	65	73591	4.679	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.600%
32) Benzene-d6	5.047	84	270950	3.863	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	77.200%
36) 1,2-Dichloropropane-d6	6.069	67	96517	4.589	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	91.800%
41) Toluene-d8	7.313	98	231210	3.713	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	74.200%
43) trans-1,3-Dichloroprop...	7.625	79	27834	4.045	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	81.000%
46) 2-Hexanone-d5	8.088	63	167618	56.264	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	112.520%
56) 1,1,2,2-Tetrachloroeth...	10.214	84	85348	5.209	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	104.200%
66) 1,2-Dichlorobenzene-d4	11.625	152	94094	4.294	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	85.800%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.127	85	143827	5.013	ug/L	99
3) Chloromethane	1.240	50	126639	4.600	ug/L	99
5) Vinyl chloride	1.307	62	135359	4.828	ug/L	99
6) Bromomethane	1.519	94	73576	4.385	ug/L	100
8) Chloroethane	1.580	64	79556	4.817	ug/L	96
9) Trichlorofluoromethane	1.748	101	179922	5.050	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.114	101	169355	8.299	ug/L	98
12) 1,1-Dichloroethene	2.114	96	107451	5.430	ug/L	85
13) Acetone	2.172	43	130201	48.158	ug/L #	28
14) Carbon disulfide	2.288	76	280143	4.805	ug/L	99
15) Methyl Acetate	2.436	43	30342	5.549	ug/L	92
16) Methylene chloride	2.503	84	109825	4.659	ug/L	98
17) Methyl tert-butyl Ether	2.767	73	177313	5.201	ug/L	98
18) trans-1,2-Dichloroethene	2.757	96	102503	5.636	ug/L	93
19) 1,1-Dichloroethane	3.185	63	207406	6.245	ug/L	100
21) 2-Butanone	3.969	43	193352	61.323	ug/L	100
22) cis-1,2-Dichloroethene	3.905	96	517839	28.230	ug/L	98
23) Bromochloromethane	4.246	128	49573	5.866	ug/L	96
25) Chloroform	4.371	83	199493	5.735	ug/L	100

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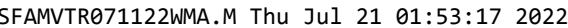
Instrument :
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 ClientSampleId :

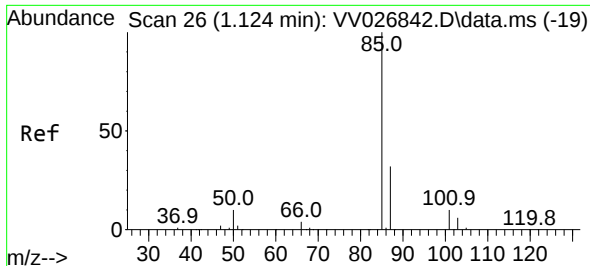
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 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Jul 21 01:47:16 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.130	62	105070	5.606	ug/L	98
29) 1,1,1-Trichloroethane	4.606	97	173185	5.567	ug/L	98
30) Cyclohexane	4.674	56	124740	4.706	ug/L	96
31) Carbon tetrachloride	4.825	117	144493	5.260	ug/L	97
33) Benzene	5.098	78	412209	5.341	ug/L	100
34) Trichloroethene	5.908	95	777955	41.015	ug/L	98
35) Methylcyclohexane	6.130	83	150997	5.216	ug/L	98
37) 1,2-Dichloropropane	6.172	63	106200	5.755	ug/L	100
38) Bromodichloromethane	6.510	83	130855	5.439	ug/L	98
39) cis-1,3-Dichloropropene	7.027	75	116429	5.077	ug/L	100
40) 4-Methyl-2-pentanone	7.227	43	461170	54.100	ug/L	98
42) Toluene	7.387	91	436262	5.597	ug/L	98
44) trans-1,3-Dichloropropene	7.651	75	102790	5.458	ug/L	98
45) 1,1,2-Trichloroethane	7.837	97	74220	5.502	ug/L	95
47) Tetrachloroethene	7.972	164	462599	31.096	ug/L	99
48) 2-Hexanone	8.140	43	338457	54.859	ug/L	97
49) Dibromochloromethane	8.246	129	84134	5.412	ug/L	98
50) 1,2-Dibromoethane	8.352	107	66536	5.574	ug/L	96
51) Chlorobenzene	8.879	112	269819	5.475	ug/L	98
52) Ethylbenzene	9.011	91	402284	5.216	ug/L	99
53) m,p-Xylene	9.140	106	161610	5.388	ug/L	99
54) o-Xylene	9.542	106	149168	5.233	ug/L	97
55) Styrene	9.561	104	187056	3.744	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.239	83	86088	5.391	ug/L	98
59) Bromoform	9.731	173	38698	4.795	ug/L	99
60) Isopropylbenzene	9.931	105	400504	5.105	ug/L	99
61) 1,2,3-Trichloropropane	10.271	75	61521	5.304	ug/L	100
62) 1,3,5-Trimethylbenzene	10.538	105	304549	4.879	ug/L	99
63) 1,2,4-Trimethylbenzene	10.914	105	312993	4.939	ug/L	100
64) 1,3-Dichlorobenzene	11.181	146	208518	5.425	ug/L	99
65) 1,4-Dichlorobenzene	11.271	146	209718	5.366	ug/L	99
67) 1,2-Dichlorobenzene	11.641	146	195926	5.458	ug/L	100
68) 1,2-Dibromo-3-chloropr...	12.426	75	11497	4.676	ug/L	95
69) 1,3,5-Trichlorobenzene	12.644	180	141996	5.227	ug/L	99
70) 1,2,4-trichlorobenzene	13.262	180	102815	4.976	ug/L	99
71) Naphthalene	13.503	128	145327	4.246	ug/L	100
72) 1,2,3-Trichlorobenzene	13.744	180	94079	4.894	ug/L	97

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

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Response via : Initial Calibration

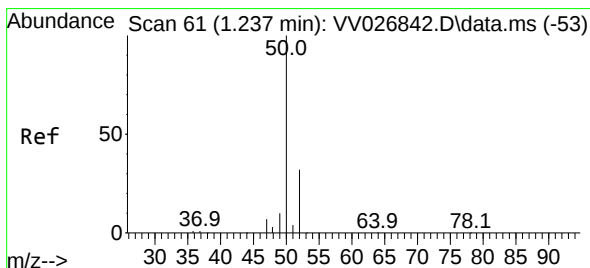
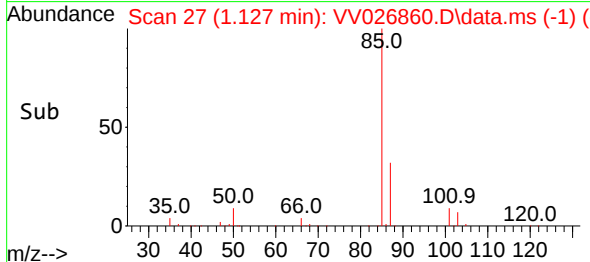
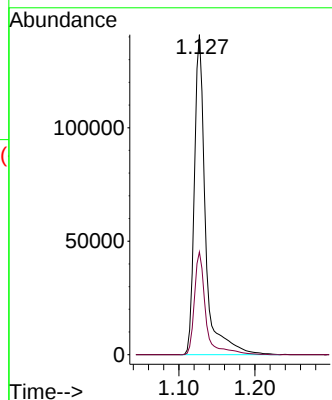
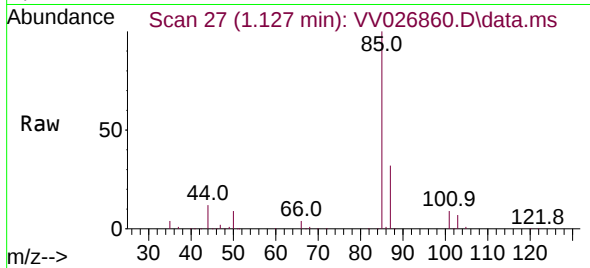




#2
 Dichlorodifluoromethane
 Concen: 5.013 ug/L
 RT: 1.127 min Scan# 21
 Delta R.T. 0.003 min
 Lab File: VV026860.D
 Acq: 20 Jul 2022 20:01

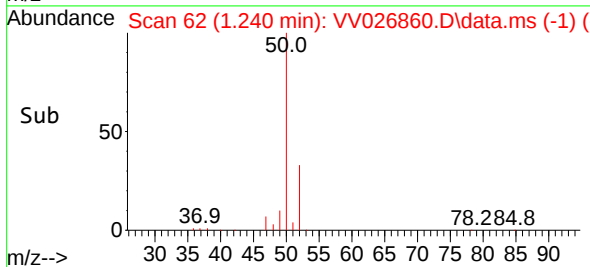
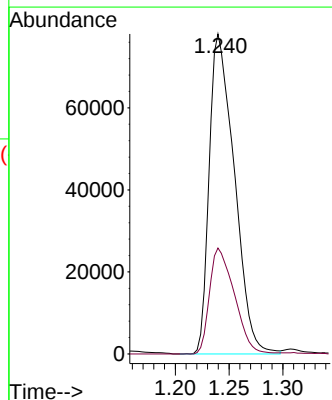
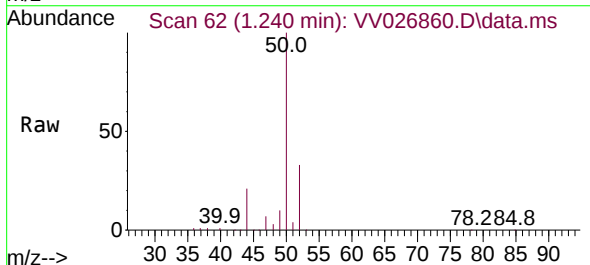
Instrument :
 MSVOA_V
 ClientSampleId :

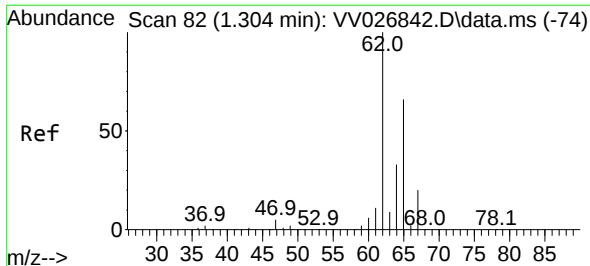
Tgt Ion: 85 Resp: 143827
 Ion Ratio Lower Upper
 85 100
 87 32.8 25.8 38.8



#3
 Chloromethane
 Concen: 4.600 ug/L
 RT: 1.240 min Scan# 62
 Delta R.T. 0.003 min
 Lab File: VV026860.D
 Acq: 20 Jul 2022 20:01

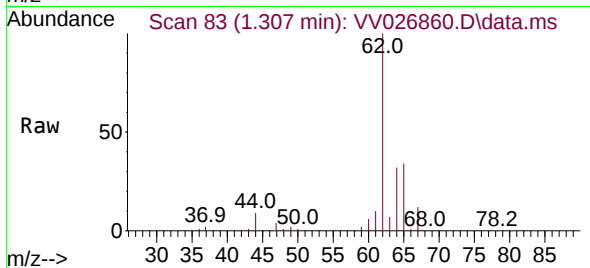
Tgt Ion: 50 Resp: 126639
 Ion Ratio Lower Upper
 50 100
 52 33.1 22.8 42.4



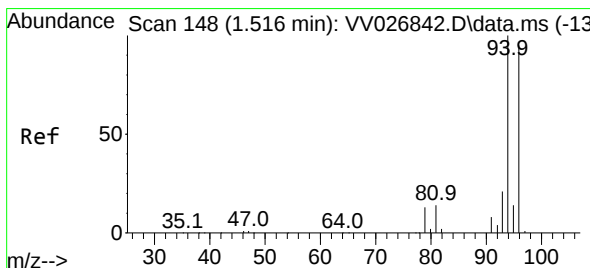
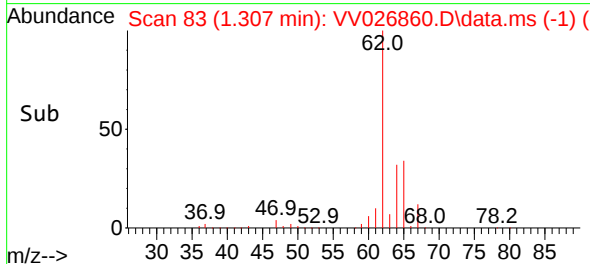
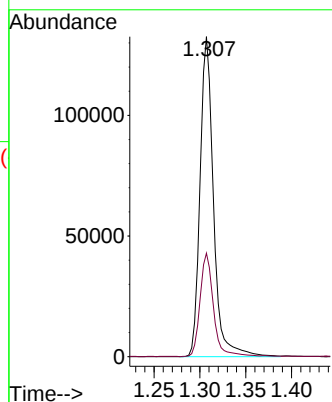


#5
 Vinyl chloride
 Concen: 4.828 ug/L
 RT: 1.307 min Scan# 81
 Delta R.T. 0.003 min
 Lab File: VV026860.D
 Acq: 20 Jul 2022 20:01

Instrument :
 MSVOA_V
 ClientSampleId :

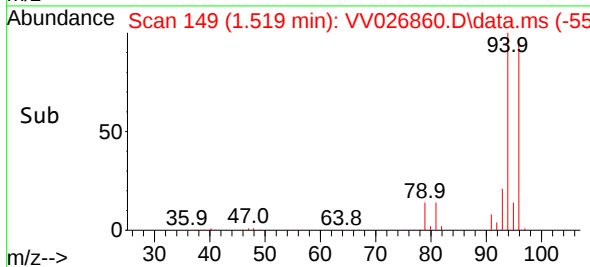
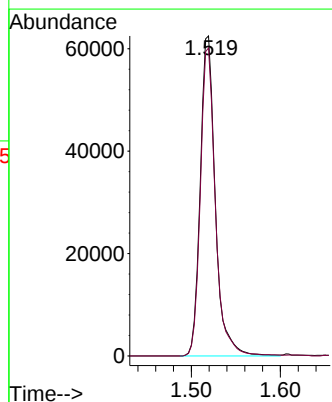
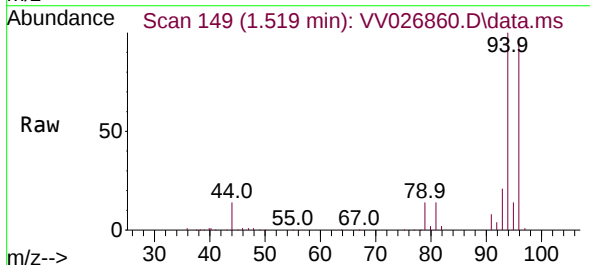


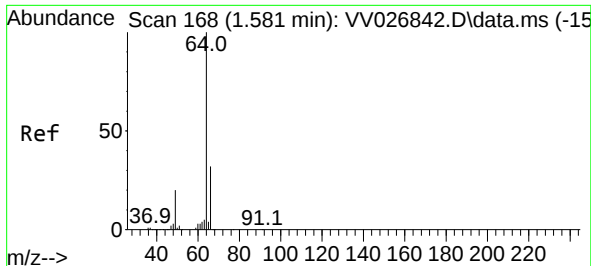
Tgt Ion: 62 Resp: 135359
 Ion Ratio Lower Upper
 62 100
 64 32.4 22.9 42.5



#6
 Bromomethane
 Concen: 4.385 ug/L
 RT: 1.519 min Scan# 149
 Delta R.T. 0.003 min
 Lab File: VV026860.D
 Acq: 20 Jul 2022 20:01

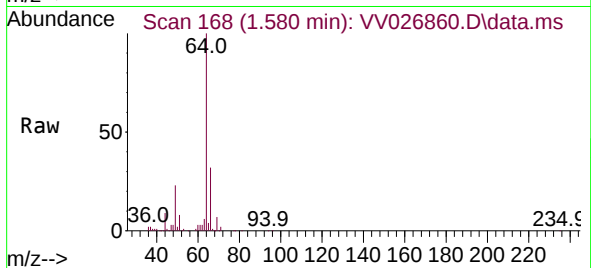
Tgt Ion: 94 Resp: 73576
 Ion Ratio Lower Upper
 94 100
 96 96.2 67.1 124.7



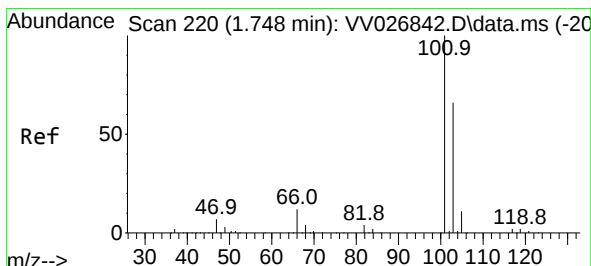
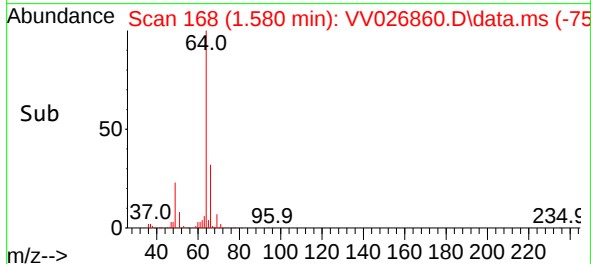
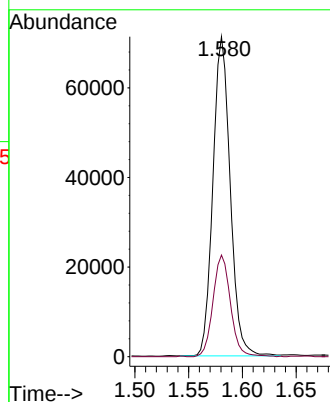


#8
Chloroethane
Concen: 4.817 ug/L
RT: 1.580 min Scan# 1
Delta R.T. -0.000 min
Lab File: VV026860.D
Acq: 20 Jul 2022 20:01

Instrument :
MSVOA_V
ClientSampleId :

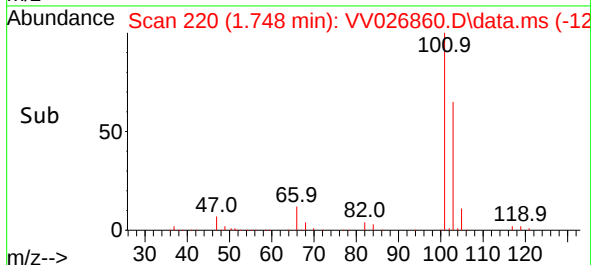
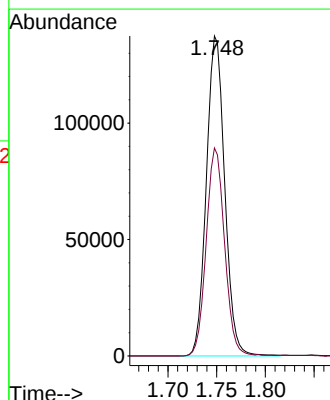
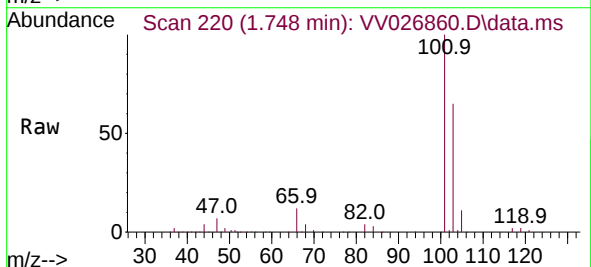


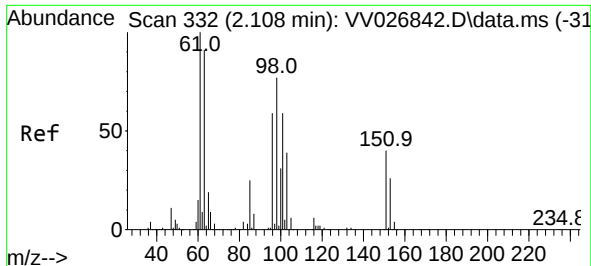
Tgt Ion: 64 Resp: 79556
Ion Ratio Lower Upper
64 100
66 31.8 23.9 44.5



#9
Trichlorofluoromethane
Concen: 5.050 ug/L
RT: 1.748 min Scan# 220
Delta R.T. -0.000 min
Lab File: VV026860.D
Acq: 20 Jul 2022 20:01

Tgt Ion:101 Resp: 179922
Ion Ratio Lower Upper
101 100
103 65.2 51.6 77.4

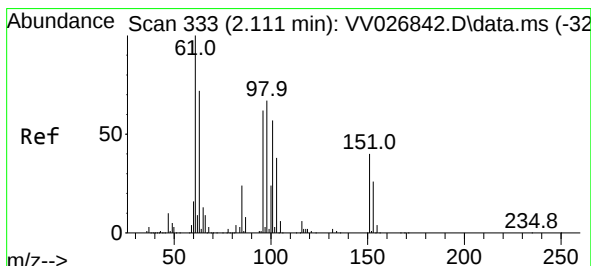
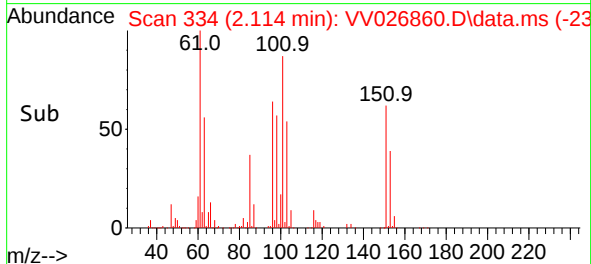
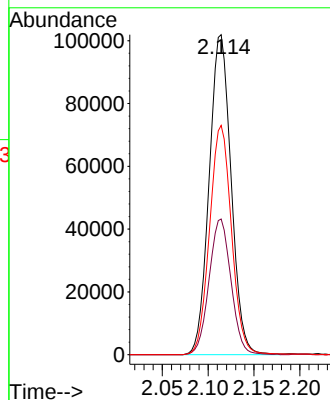
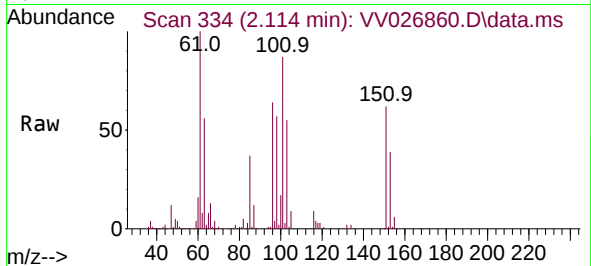




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 8.299 ug/L
RT: 2.114 min Scan# 331
Delta R.T. 0.006 min
Lab File: VV026860.D
Acq: 20 Jul 2022 20:01

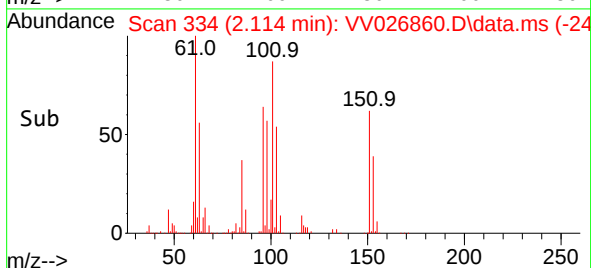
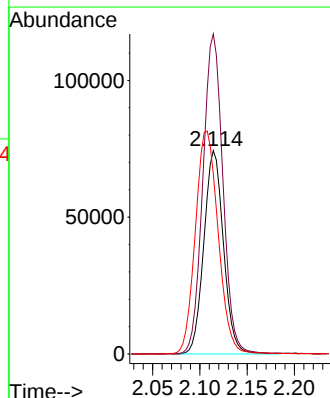
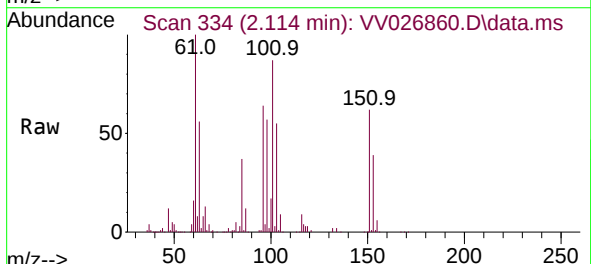
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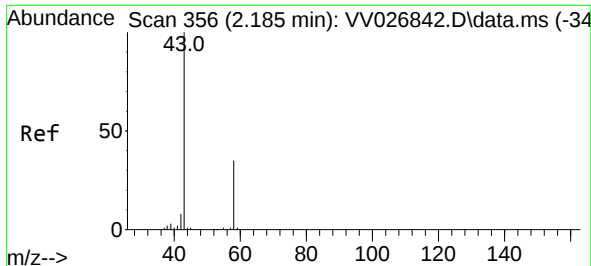
Tgt Ion:101 Resp: 169355
Ion Ratio Lower Upper
101 100
85 42.3 35.0 52.4
151 71.8 56.7 85.1



#12
1,1-Dichloroethene
Concen: 5.430 ug/L
RT: 2.114 min Scan# 334
Delta R.T. 0.003 min
Lab File: VV026860.D
Acq: 20 Jul 2022 20:01

Tgt Ion: 96 Resp: 107451
Ion Ratio Lower Upper
96 100
61 157.4 118.3 219.7
63 88.6 79.9 148.3





#13

Acetone

Concen: 48.158 ug/L

RT: 2.172 min Scan# 3

Delta R.T. -0.013 min

Lab File: VV026860.D

Acq: 20 Jul 2022 20:01

Instrument :

MSVOA_V

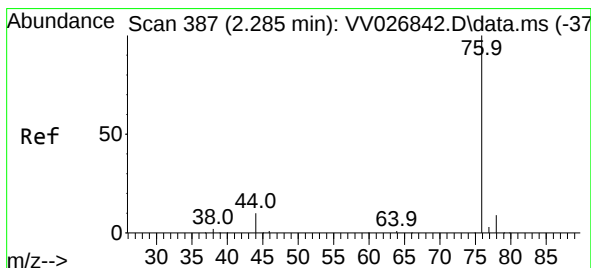
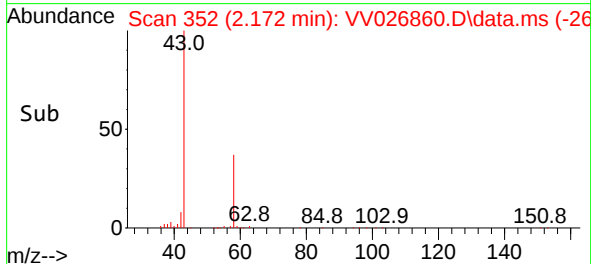
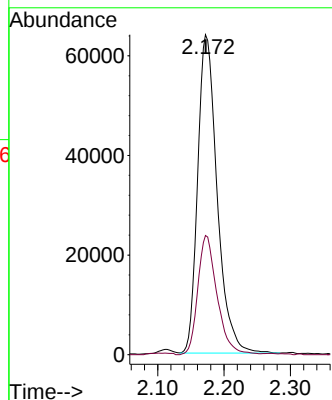
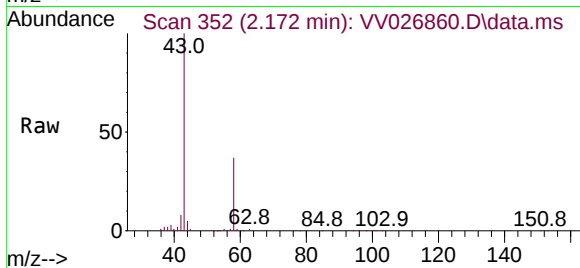
ClientSampleId :

Tgt Ion: 43 Resp: 130201

Ion Ratio Lower Upper

43 100

58 37.1 0.0 20.6#



#14

Carbon disulfide

Concen: 4.805 ug/L

RT: 2.288 min Scan# 388

Delta R.T. 0.003 min

Lab File: VV026860.D

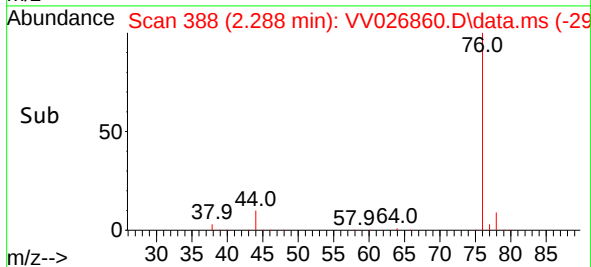
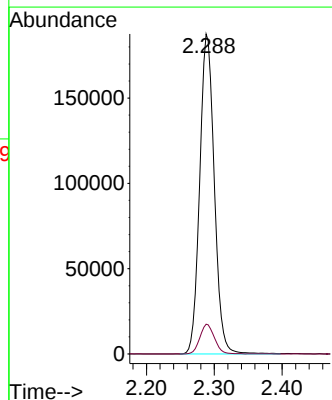
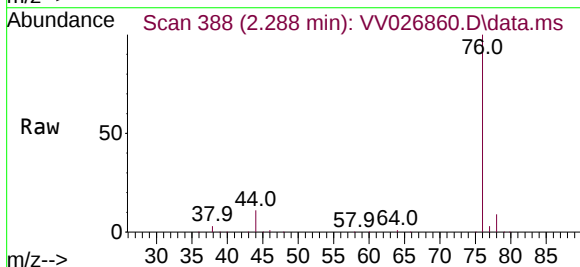
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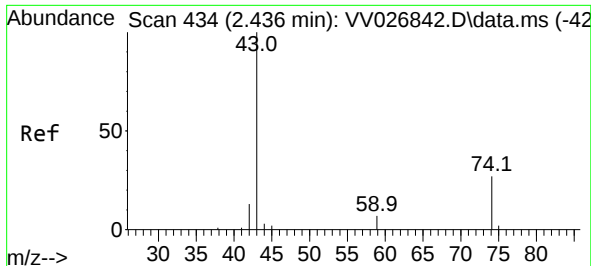
Tgt Ion: 76 Resp: 280143

Ion Ratio Lower Upper

76 100

78 9.3 7.7 11.5

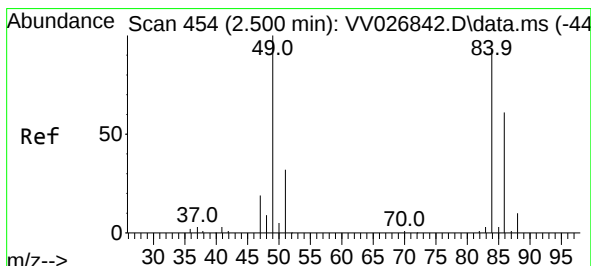
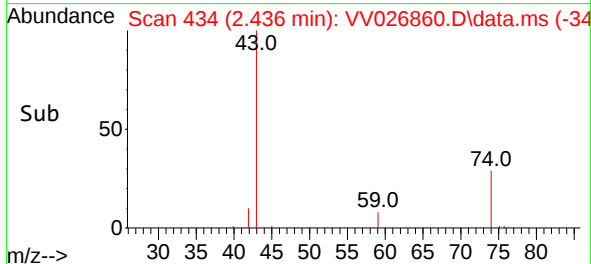
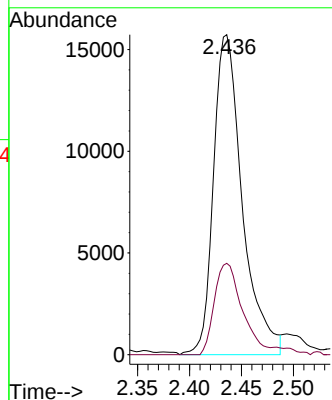
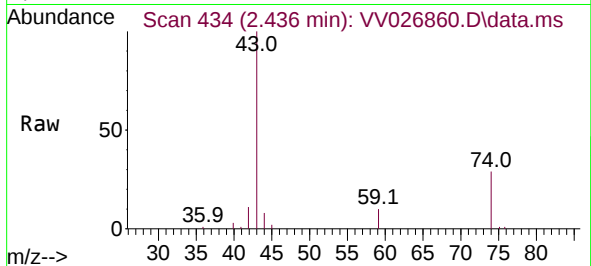




#15
Methyl Acetate
Concen: 5.549 ug/L
RT: 2.436 min Scan# 41
Delta R.T. -0.000 min
Lab File: VV026860.D
Acq: 20 Jul 2022 20:01

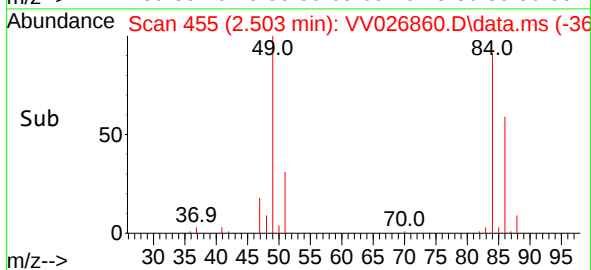
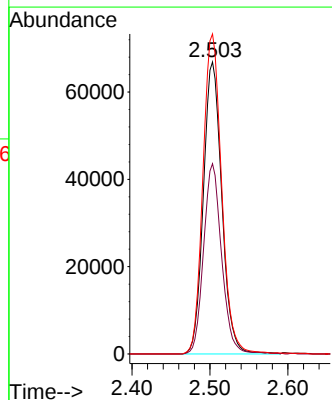
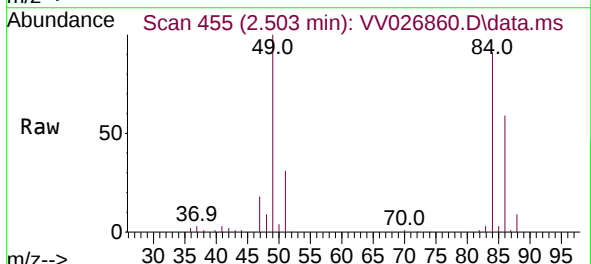
Instrument :
MSVOA_V
ClientSampleId :

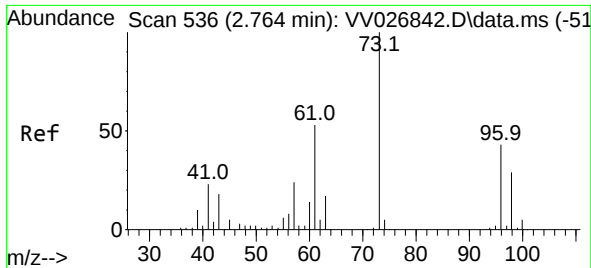
Tgt Ion: 43 Resp: 30342
Ion Ratio Lower Upper
43 100
74 29.3 20.1 30.1



#16
Methylene chloride
Concen: 4.659 ug/L
RT: 2.503 min Scan# 455
Delta R.T. 0.003 min
Lab File: VV026860.D
Acq: 20 Jul 2022 20:01

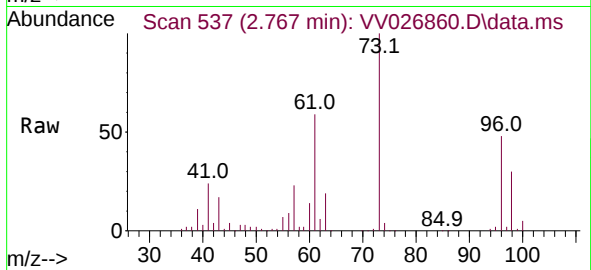
Tgt Ion: 84 Resp: 109825
Ion Ratio Lower Upper
84 100
86 65.2 44.8 83.2
49 109.6 78.7 146.1



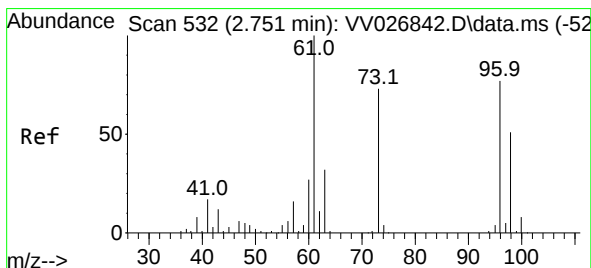
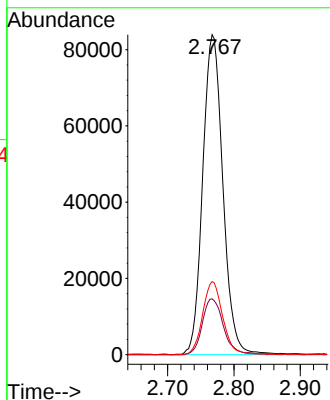
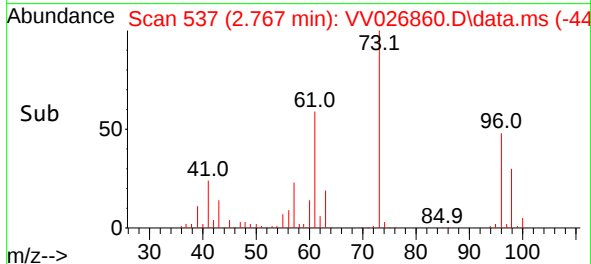


#17
Methyl tert-butyl Ether
Concen: 5.201 ug/L
RT: 2.767 min Scan# 51
Delta R.T. 0.003 min
Lab File: VV026860.D
Acq: 20 Jul 2022 20:01

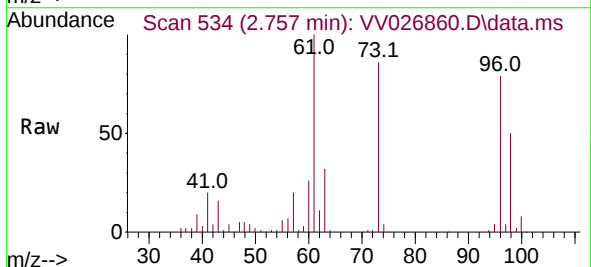
Instrument :
MSVOA_V
ClientSampleId :



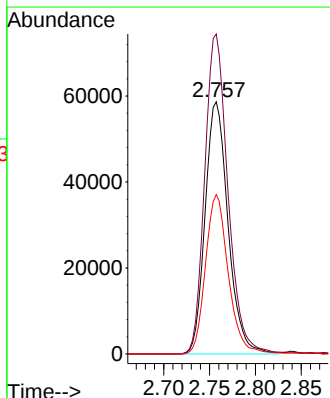
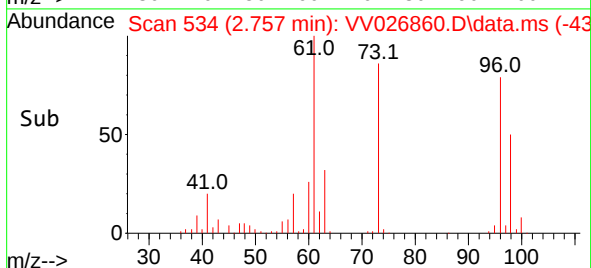
Tgt Ion: 73 Resp: 177313
Ion Ratio Lower Upper
73 100
43 18.4 14.0 21.0
57 22.7 17.6 26.4

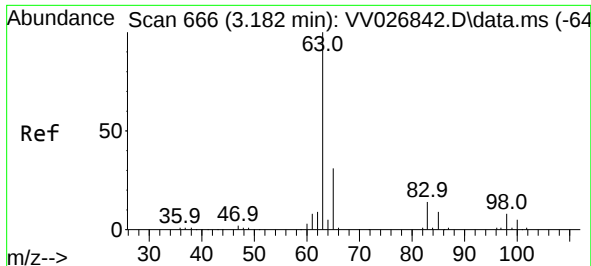


#18
trans-1,2-Dichloroethene
Concen: 5.636 ug/L
RT: 2.757 min Scan# 534
Delta R.T. 0.006 min
Lab File: VV026860.D
Acq: 20 Jul 2022 20:01



Tgt Ion: 96 Resp: 102503
Ion Ratio Lower Upper
96 100
61 126.9 94.7 175.9
98 63.2 47.4 88.0

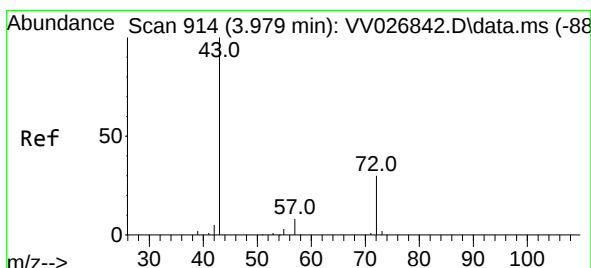
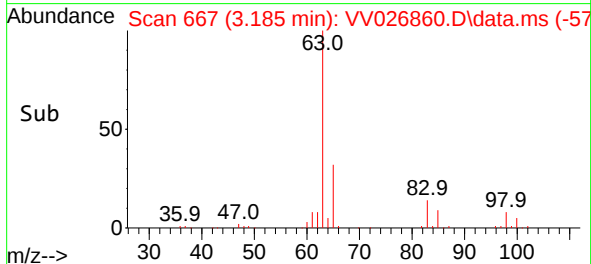
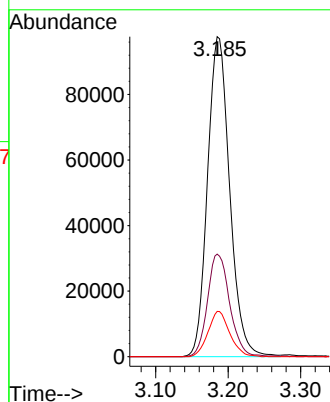
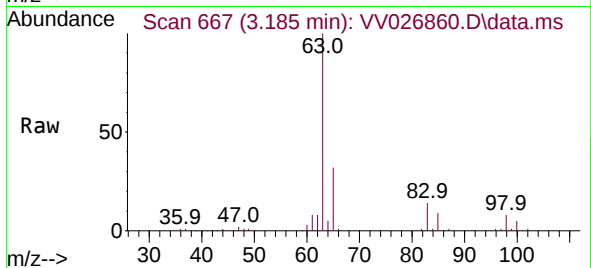




#19
1,1-Dichloroethane
Concen: 6.245 ug/L
RT: 3.185 min Scan# 60
Delta R.T. 0.003 min
Lab File: VV026860.D
Acq: 20 Jul 2022 20:01

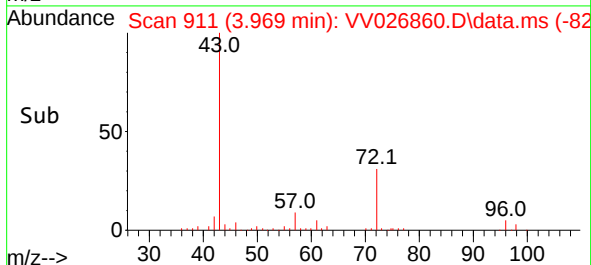
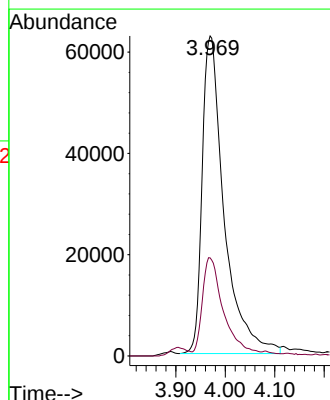
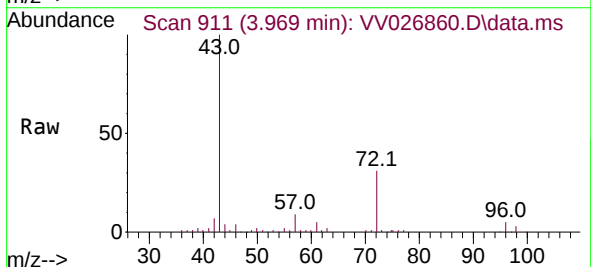
Instrument :
MSVOA_V
ClientSampleId :

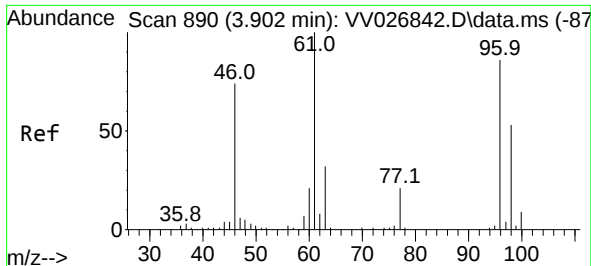
Tgt Ion: 63 Resp: 207406
Ion Ratio Lower Upper
63 100
65 32.1 22.3 41.3
83 14.2 9.9 18.5



#21
2-Butanone
Concen: 61.323 ug/L
RT: 3.969 min Scan# 911
Delta R.T. -0.010 min
Lab File: VV026860.D
Acq: 20 Jul 2022 20:01

Tgt Ion: 43 Resp: 193352
Ion Ratio Lower Upper
43 100
72 27.9 13.9 41.7





#22

cis-1,2-Dichloroethene

Concen: 28.230 ug/L

RT: 3.905 min Scan# 890

Delta R.T. 0.003 min

Lab File: VV026860.D

Acq: 20 Jul 2022 20:01

Instrument :

MSVOA_V

ClientSampleId :

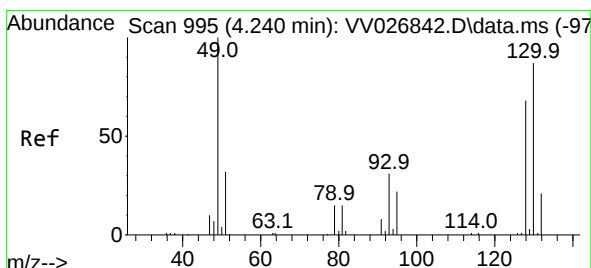
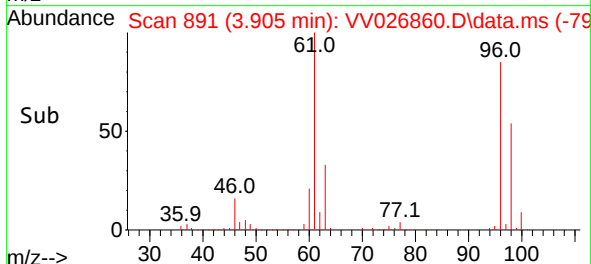
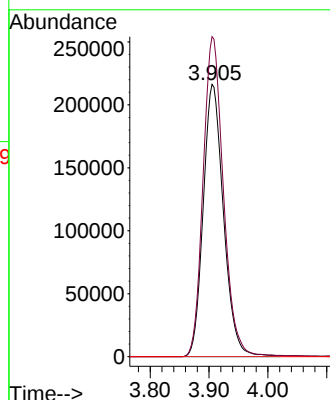
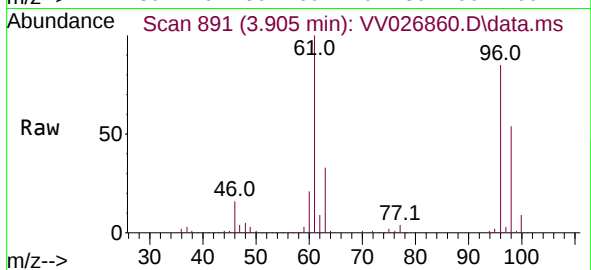
Tgt Ion: 96 Resp: 517839

Ion Ratio Lower Upper

96 100

61 117.5 83.9 155.9

68 0.0 0.0 0.0



#23

Bromochloromethane

Concen: 5.866 ug/L

RT: 4.246 min Scan# 997

Delta R.T. 0.006 min

Lab File: VV026860.D

Acq: 20 Jul 2022 20:01

Tgt Ion: 128 Resp: 49573

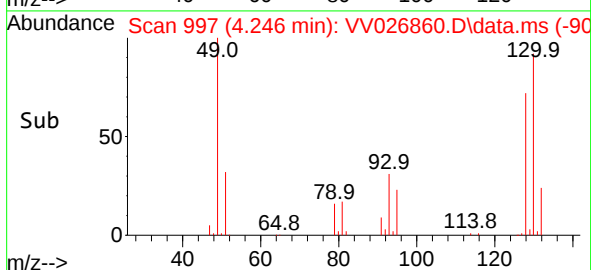
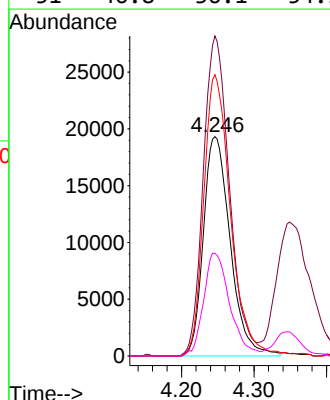
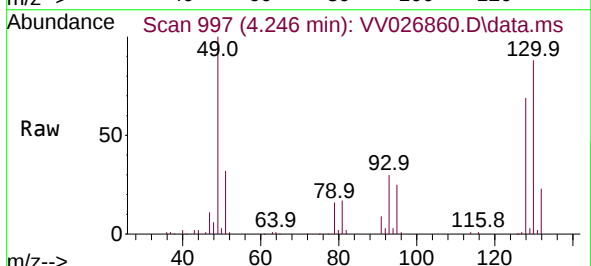
Ion Ratio Lower Upper

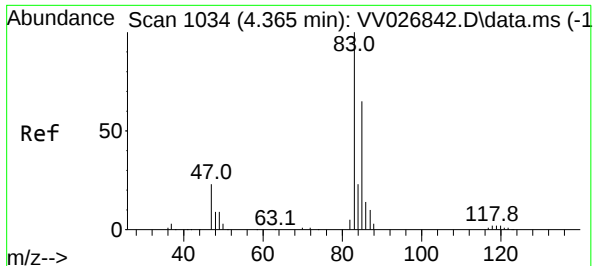
128 100

49 145.9 107.2 199.2

130 128.2 87.1 161.7

51 46.8 36.1 54.1





#25

Chloroform

Concen: 5.735 ug/L

RT: 4.371 min Scan# 1034

Delta R.T. 0.006 min

Lab File: VV026860.D

Acq: 20 Jul 2022 20:01

Instrument :

MSVOA_V

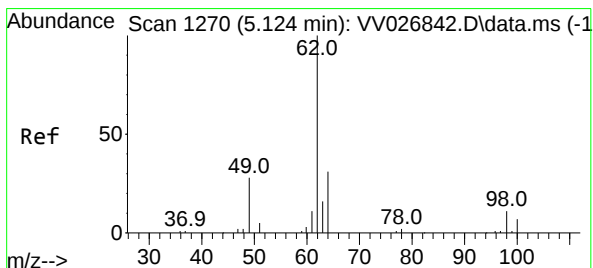
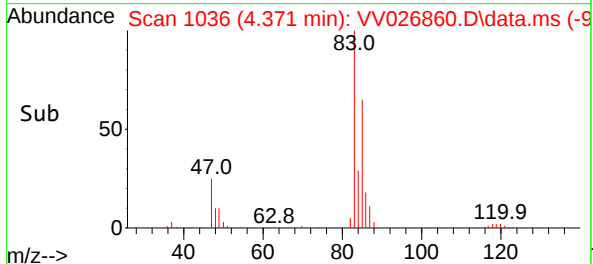
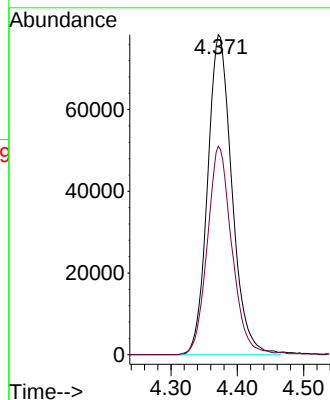
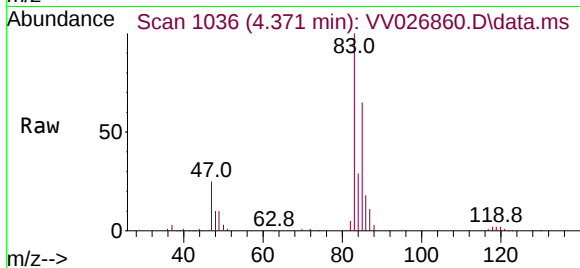
ClientSampleId :

Tgt Ion: 83 Resp: 199493

Ion Ratio Lower Upper

83 100

85 65.1 45.7 84.9



#27

1,2-Dichloroethane

Concen: 5.606 ug/L

RT: 5.130 min Scan# 1272

Delta R.T. 0.006 min

Lab File: VV026860.D

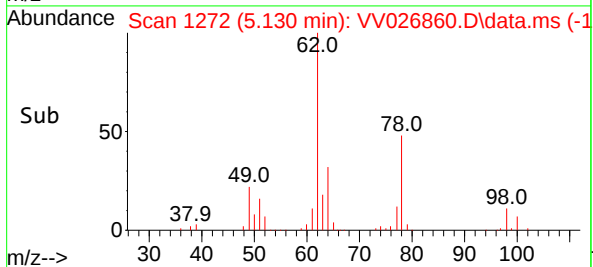
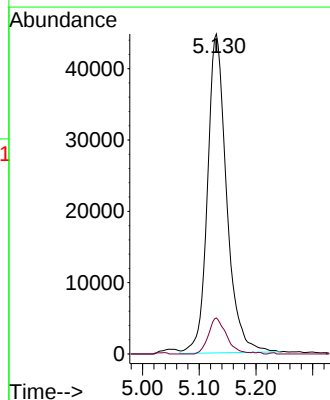
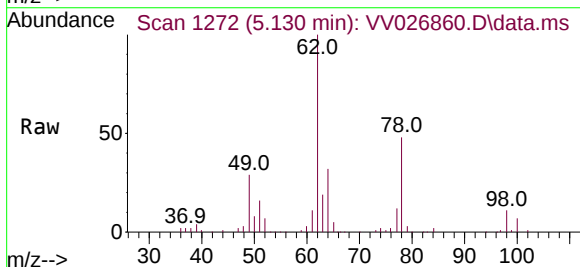
Acq: 20 Jul 2022 20:01

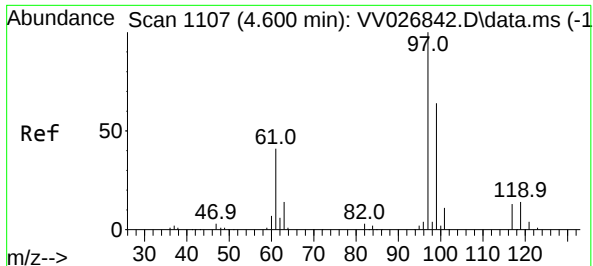
Tgt Ion: 62 Resp: 105070

Ion Ratio Lower Upper

62 100

98 11.3 8.3 12.5





#29

1,1,1-Trichloroethane

Concen: 5.567 ug/L

RT: 4.606 min Scan# 1107

Delta R.T. 0.006 min

Lab File: VV026860.D

Acq: 20 Jul 2022 20:01

Instrument :

MSVOA_V

ClientSampleId :

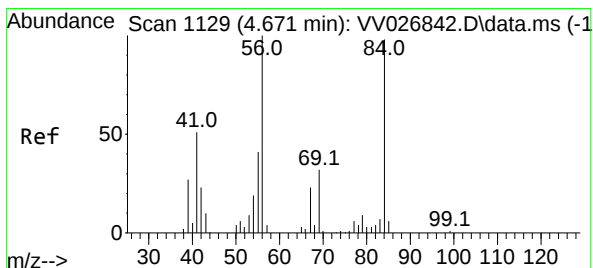
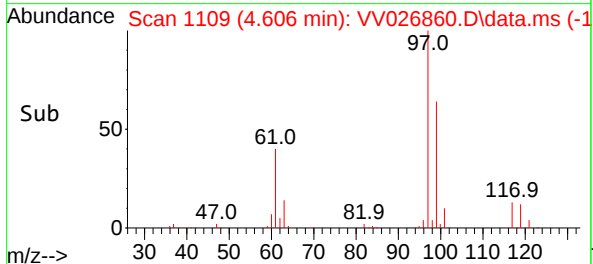
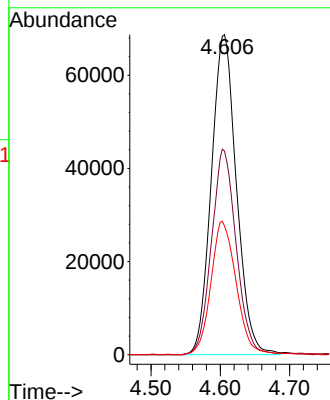
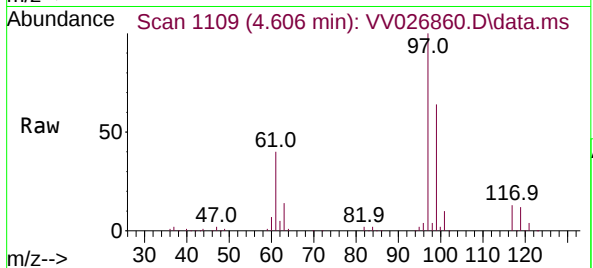
Tgt Ion: 97 Resp: 173185

Ion Ratio Lower Upper

97 100

99 63.2 51.3 76.9

61 41.8 35.1 52.7



#30

Cyclohexane

Concen: 4.706 ug/L

RT: 4.674 min Scan# 1130

Delta R.T. 0.003 min

Lab File: VV026860.D

Acq: 20 Jul 2022 20:01

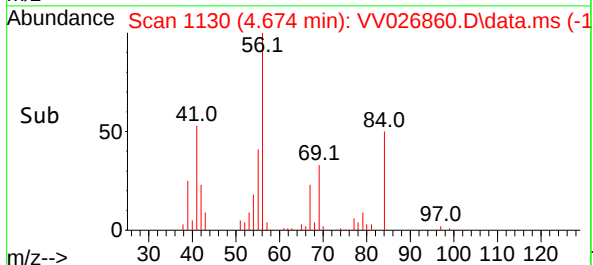
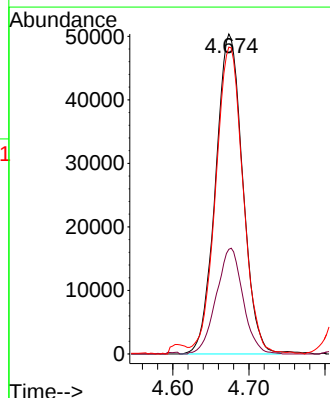
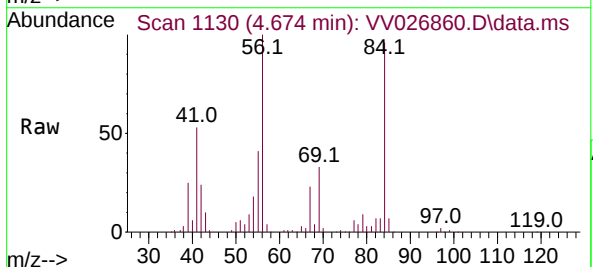
Tgt Ion: 56 Resp: 124740

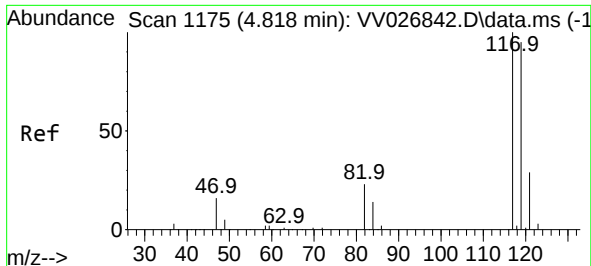
Ion Ratio Lower Upper

56 100

69 32.6 25.1 37.7

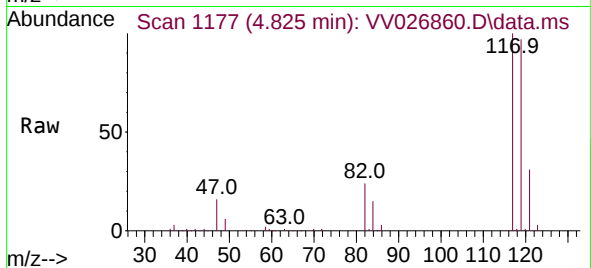
84 97.0 74.0 111.0



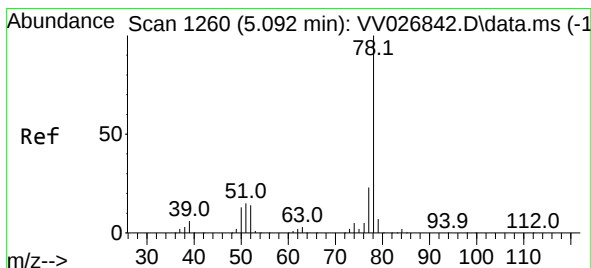
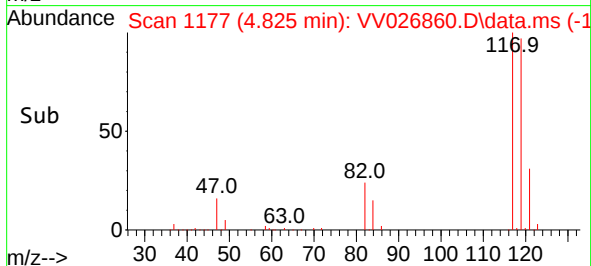
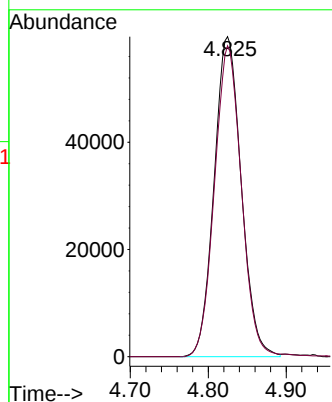


#31
Carbon tetrachloride
Concen: 5.260 ug/L
RT: 4.825 min Scan# 1175
Delta R.T. 0.006 min
Lab File: VV026860.D
Acq: 20 Jul 2022 20:01

Instrument :
MSVOA_V
ClientSampleId :

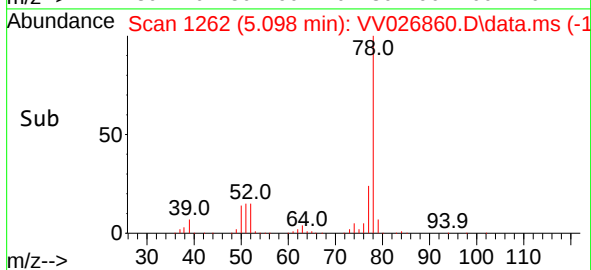
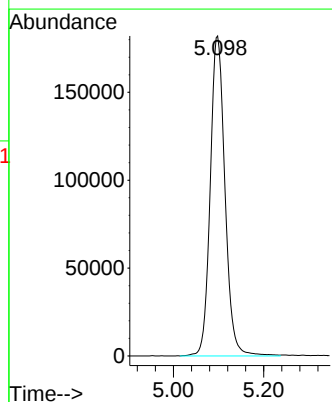
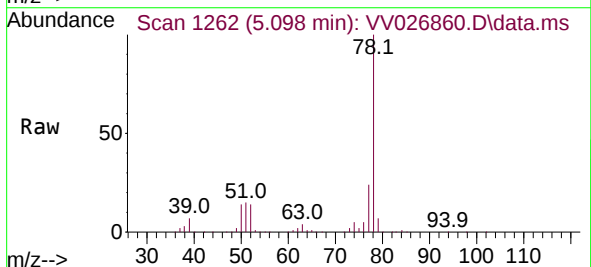


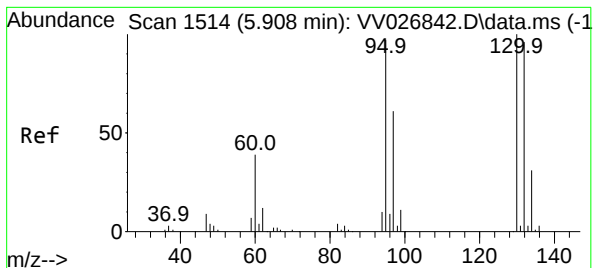
Tgt Ion:117 Resp: 144493
Ion Ratio Lower Upper
117 100
119 96.6 75.1 112.7



#33
Benzene
Concen: 5.341 ug/L
RT: 5.098 min Scan# 1262
Delta R.T. 0.006 min
Lab File: VV026860.D
Acq: 20 Jul 2022 20:01

Tgt Ion: 78 Resp: 412209





#34

Trichloroethene

Concen: 41.015 ug/L

RT: 5.908 min Scan# 1

Delta R.T. -0.000 min

Lab File: VV026860.D

Acq: 20 Jul 2022 20:01

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 95 Resp: 777955

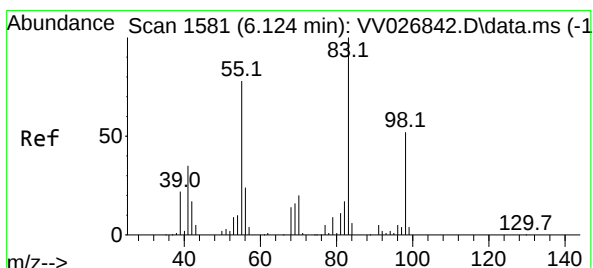
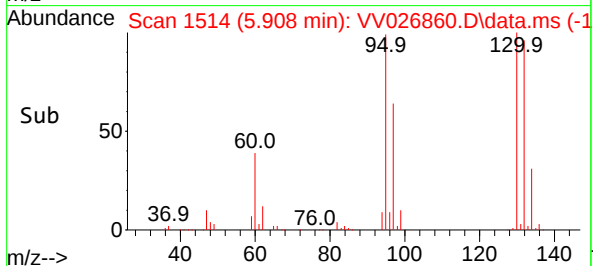
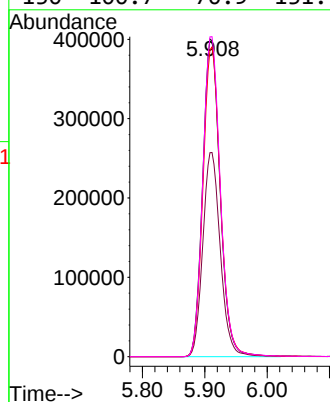
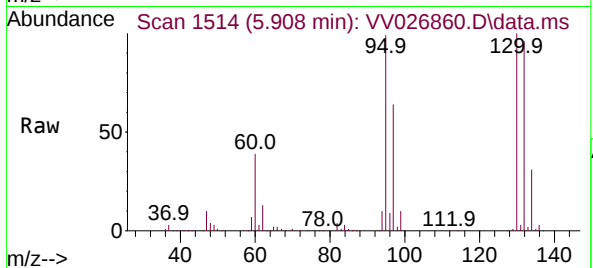
Ion Ratio Lower Upper

95 100

97 64.2 44.6 82.8

132 96.6 70.2 130.4

130 100.7 70.9 131.7



#35

Methylcyclohexane

Concen: 5.216 ug/L

RT: 6.130 min Scan# 1583

Delta R.T. 0.006 min

Lab File: VV026860.D

Acq: 20 Jul 2022 20:01

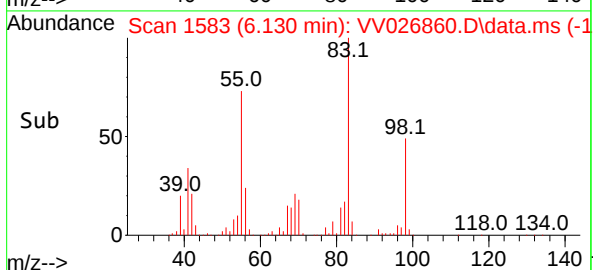
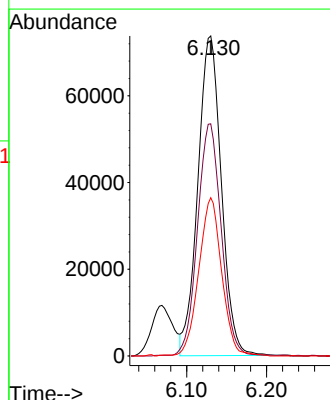
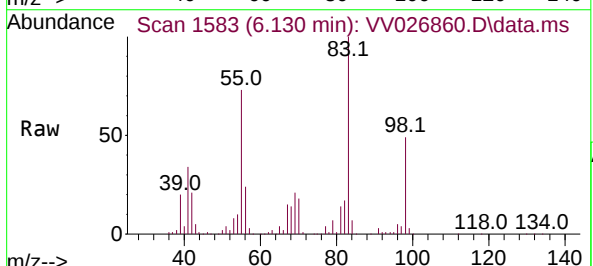
Tgt Ion: 83 Resp: 150997

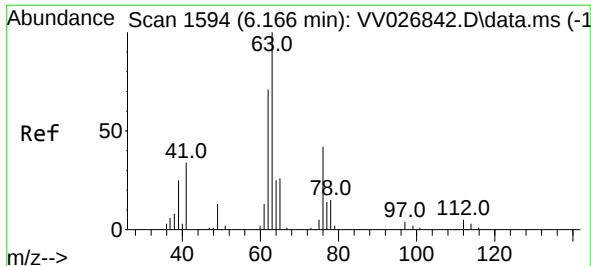
Ion Ratio Lower Upper

83 100

55 72.6 59.5 89.3

98 48.3 38.3 57.5





#37

1,2-Dichloropropane

Concen: 5.755 ug/L

RT: 6.172 min Scan# 1

Delta R.T. 0.006 min

Lab File: VV026860.D

Acq: 20 Jul 2022 20:01

Instrument :

MSVOA_V

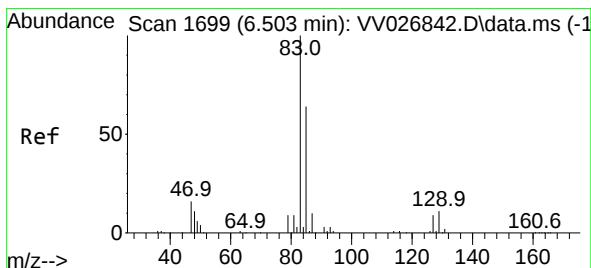
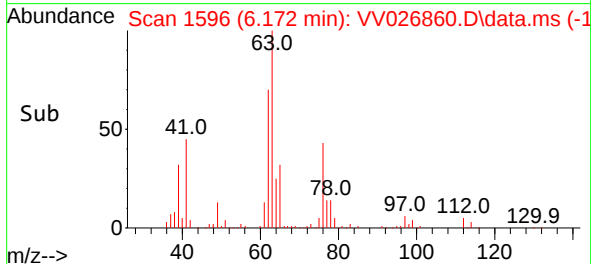
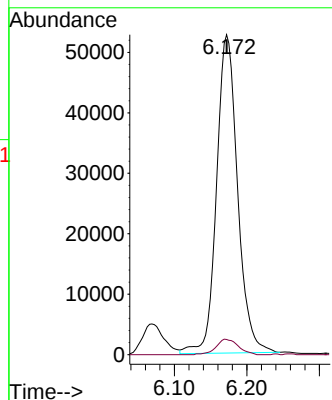
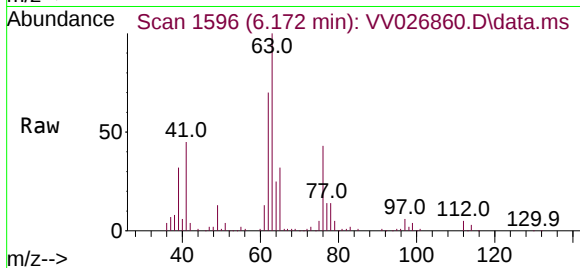
ClientSampleId :

Tgt Ion: 63 Resp: 106200

Ion Ratio Lower Upper

63 100

112 5.1 4.2 6.2



#38

Bromodichloromethane

Concen: 5.439 ug/L

RT: 6.510 min Scan# 1701

Delta R.T. 0.006 min

Lab File: VV026860.D

Acq: 20 Jul 2022 20:01

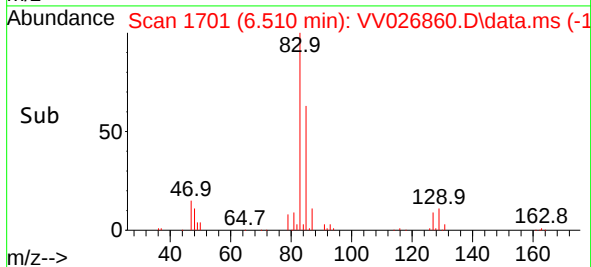
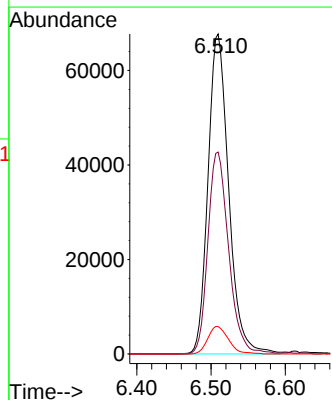
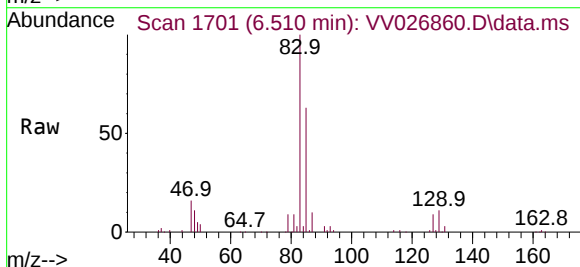
Tgt Ion: 83 Resp: 130855

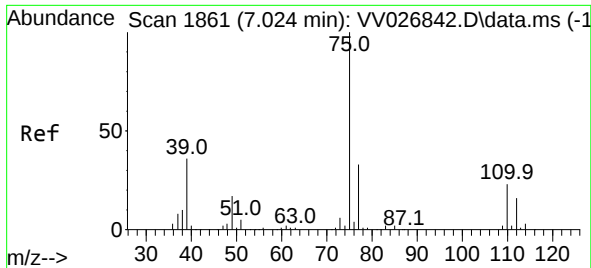
Ion Ratio Lower Upper

83 100

85 63.1 45.4 84.4

127 8.5 6.6 10.0





#39

cis-1,3-Dichloropropene

Concen: 5.077 ug/L

RT: 7.027 min Scan# 11

Delta R.T. 0.003 min

Lab File: VV026860.D

Acq: 20 Jul 2022 20:01

Instrument :

MSVOA_V

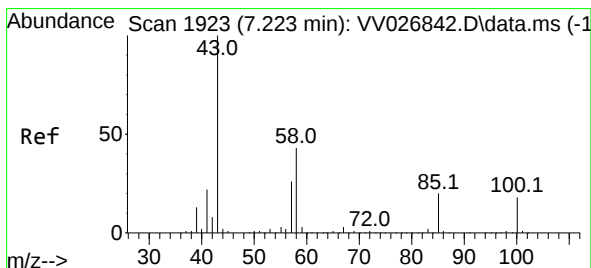
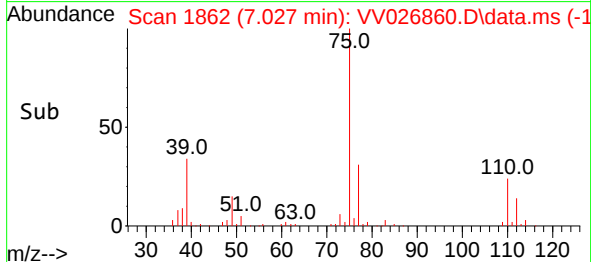
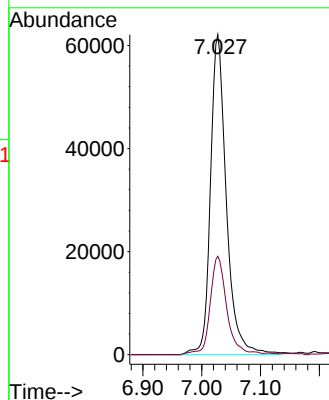
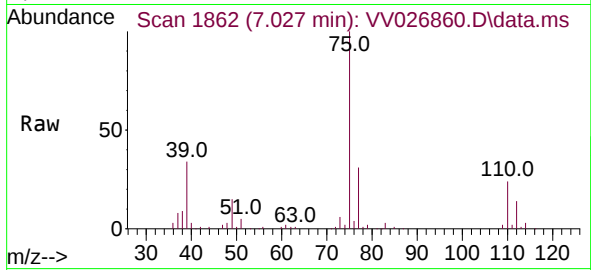
ClientSampleId :

Tgt Ion: 75 Resp: 116429

Ion Ratio Lower Upper

75 100

77 30.8 21.4 39.8



#40

4-Methyl-2-pentanone

Concen: 54.100 ug/L

RT: 7.227 min Scan# 1924

Delta R.T. 0.003 min

Lab File: VV026860.D

Acq: 20 Jul 2022 20:01

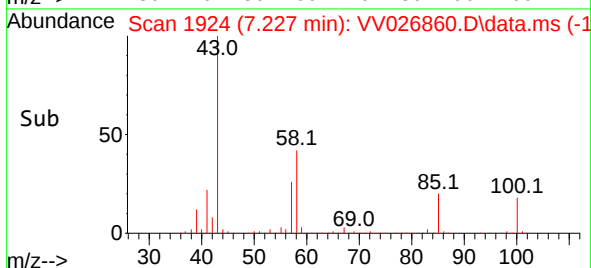
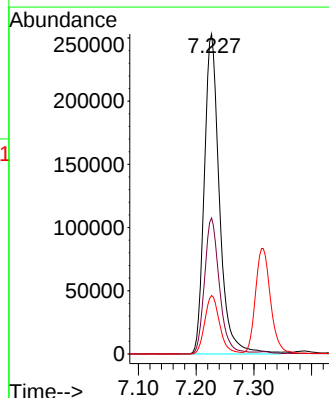
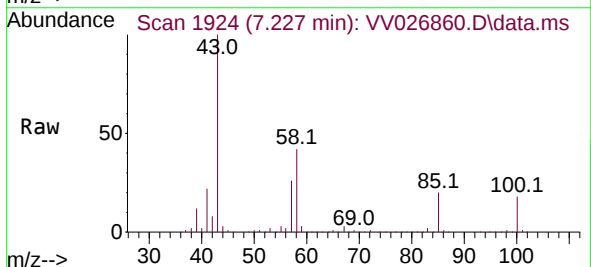
Tgt Ion: 43 Resp: 461170

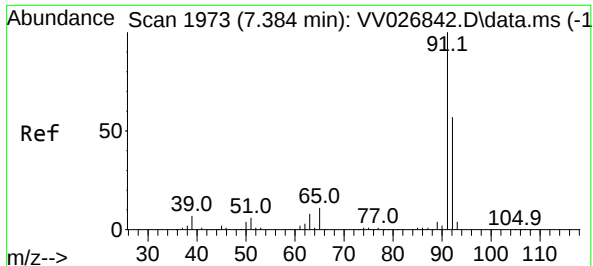
Ion Ratio Lower Upper

43 100

58 42.0 34.6 51.8

100 18.0 13.6 20.4





#42

Toluene

Concen: 5.597 ug/L

RT: 7.387 min Scan# 1973

Delta R.T. 0.003 min

Lab File: VV026860.D

Acq: 20 Jul 2022 20:01

Instrument :

MSVOA_V

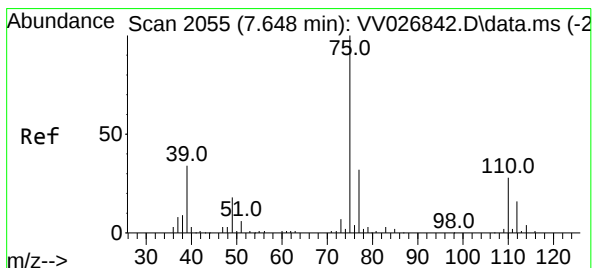
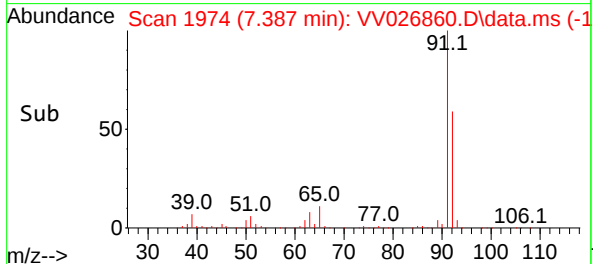
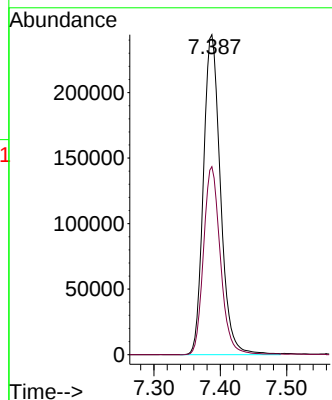
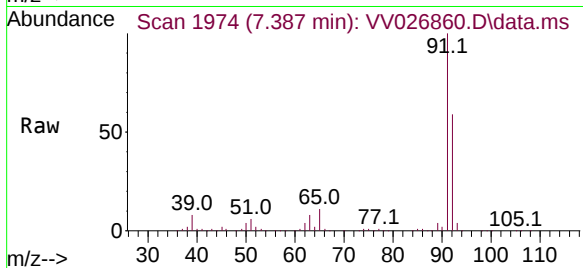
ClientSampleId :

Tgt Ion: 91 Resp: 436262

Ion Ratio Lower Upper

91 100

92 58.7 40.2 74.6



#44

trans-1,3-Dichloropropene

Concen: 5.458 ug/L

RT: 7.651 min Scan# 2056

Delta R.T. 0.003 min

Lab File: VV026860.D

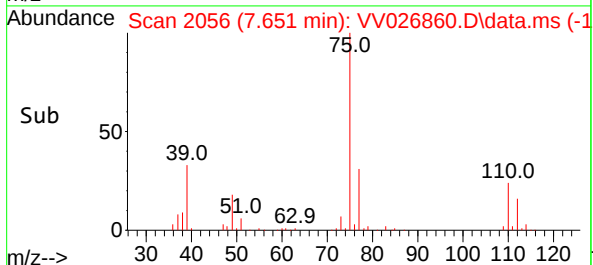
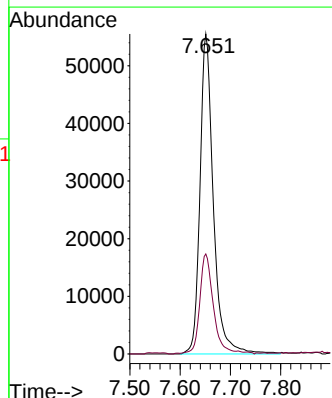
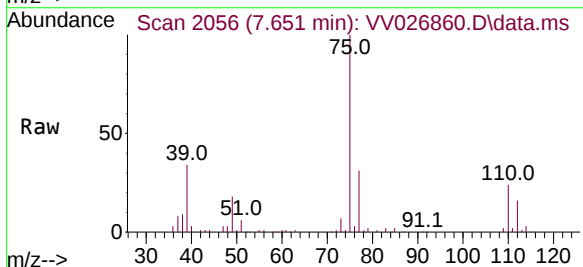
Acq: 20 Jul 2022 20:01

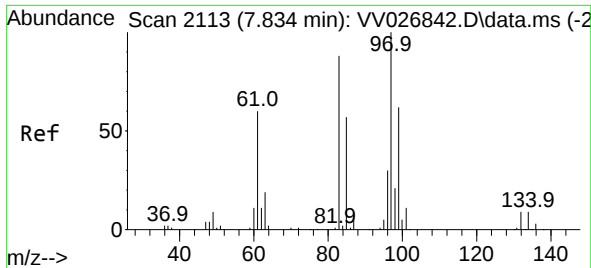
Tgt Ion: 75 Resp: 102790

Ion Ratio Lower Upper

75 100

77 31.3 22.7 42.3





#45

1,1,2-Trichloroethane

Concen: 5.502 ug/L

RT: 7.837 min Scan# 2113

Delta R.T. 0.003 min

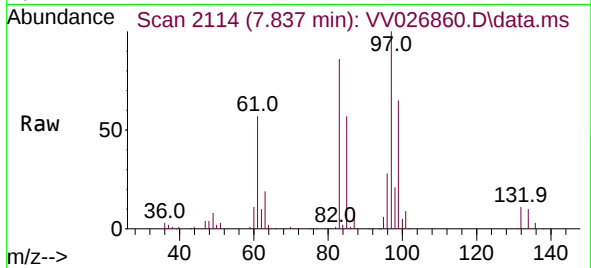
Lab File: VV026860.D

Acq: 20 Jul 2022 20:01

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion: 97 Resp: 74220

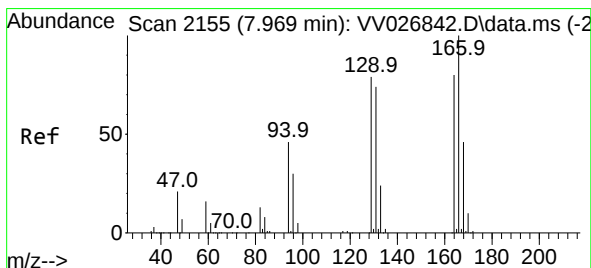
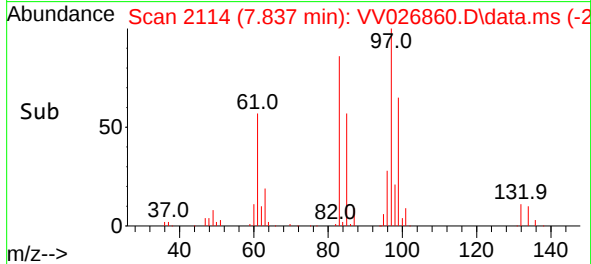
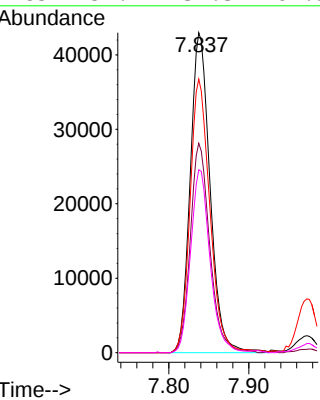
Ion Ratio Lower Upper

97 100

99 65.5 41.9 77.9

83 85.5 58.1 107.9

85 57.2 37.3 69.3



#47

Tetrachloroethene

Concen: 31.096 ug/L

RT: 7.972 min Scan# 2156

Delta R.T. 0.003 min

Lab File: VV026860.D

Acq: 20 Jul 2022 20:01

Tgt Ion:164 Resp: 462599

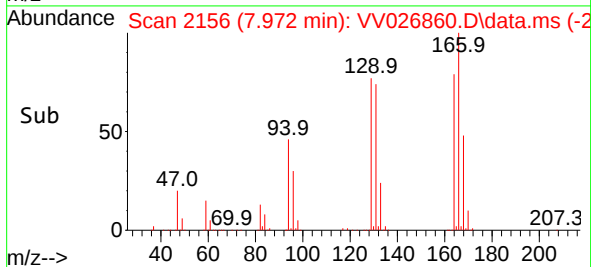
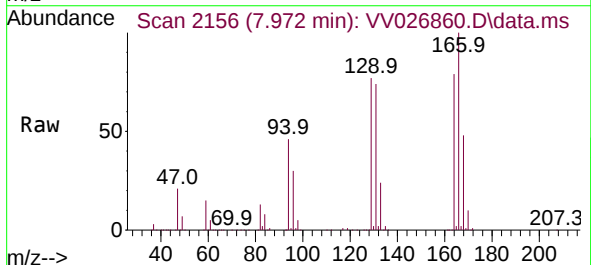
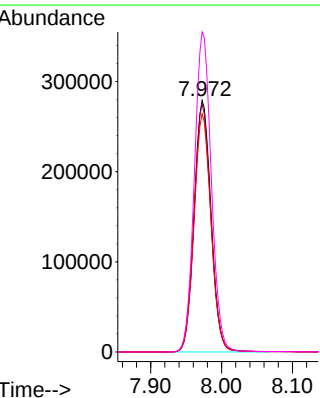
Ion Ratio Lower Upper

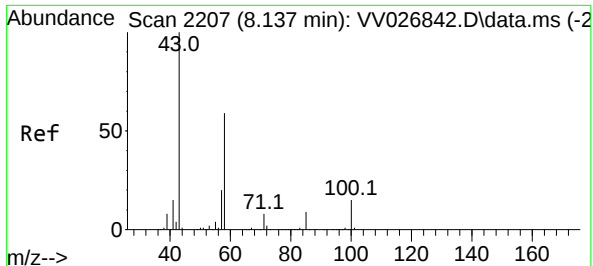
164 100

129 98.5 67.8 125.8

131 94.7 65.9 122.5

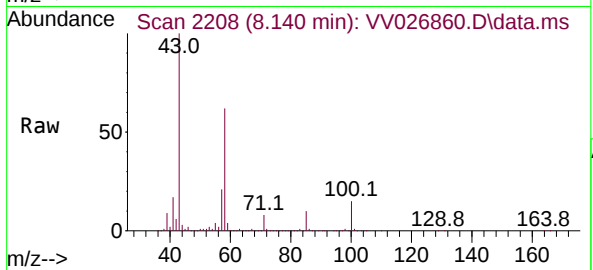
166 127.3 88.8 164.8



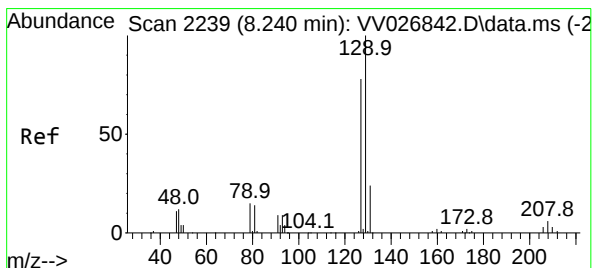
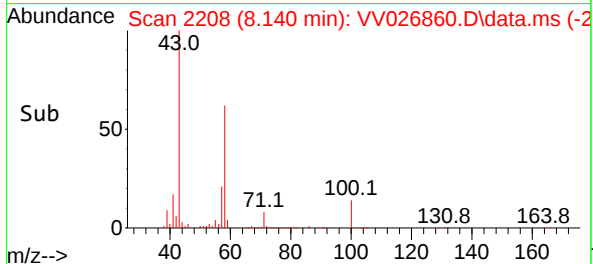
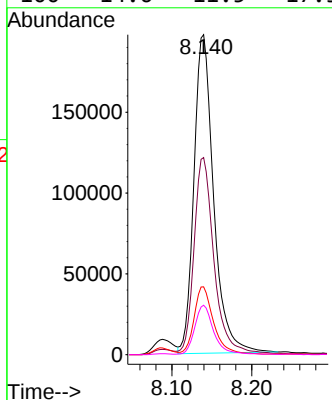


#48
2-Hexanone
Concen: 54.859 ug/L
RT: 8.140 min Scan# 2207
Delta R.T. 0.003 min
Lab File: VV026860.D
Acq: 20 Jul 2022 20:01

Instrument :
MSVOA_V
ClientSampleId :

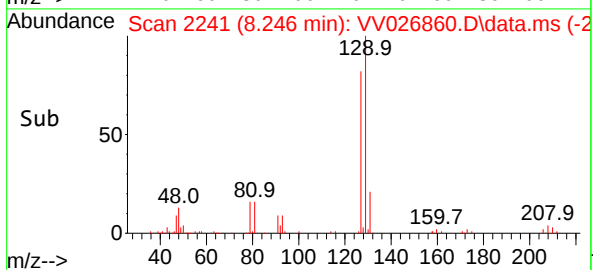
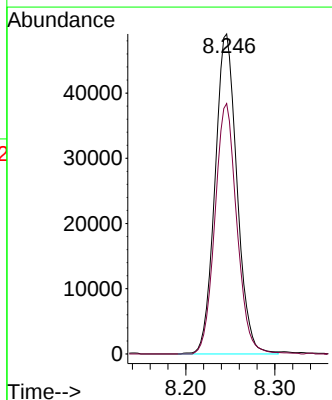
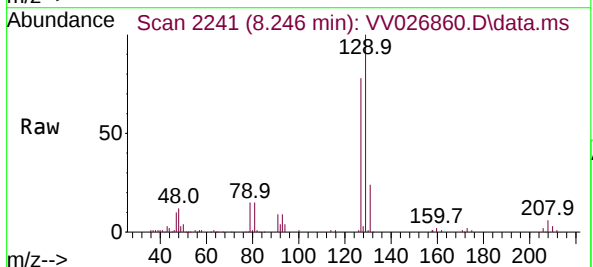


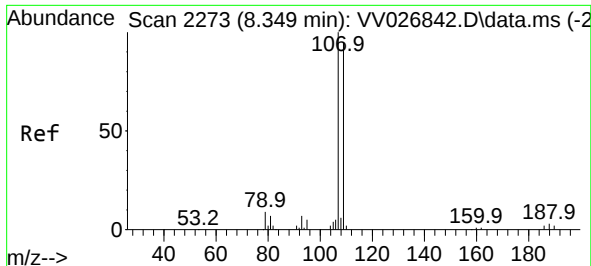
Tgt Ion: 43 Resp: 338457
Ion Ratio Lower Upper
43 100
58 62.6 47.9 71.9
57 20.9 16.3 24.5
100 14.6 11.5 17.3



#49
Dibromochloromethane
Concen: 5.412 ug/L
RT: 8.246 min Scan# 2241
Delta R.T. 0.006 min
Lab File: VV026860.D
Acq: 20 Jul 2022 20:01

Tgt Ion: 129 Resp: 84134
Ion Ratio Lower Upper
129 100
127 78.3 55.7 103.5





#50

1,2-Dibromoethane

Concen: 5.574 ug/L

RT: 8.352 min Scan# 21

Delta R.T. 0.003 min

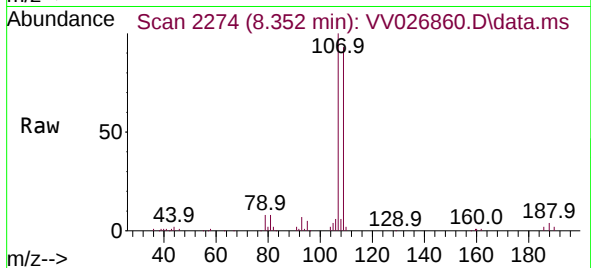
Lab File: VV026860.D

Acq: 20 Jul 2022 20:01

Instrument :

MSVOA_V

ClientSampleId :



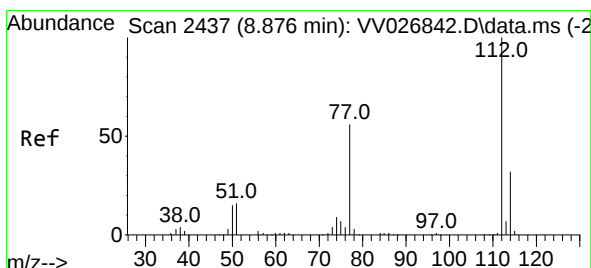
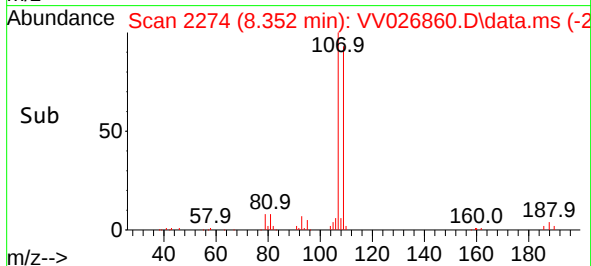
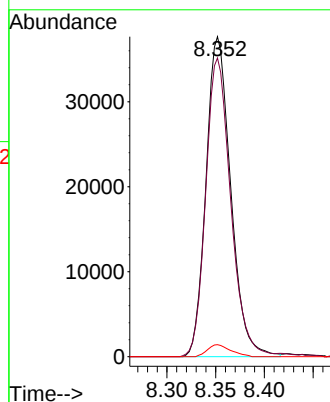
Tgt Ion:107 Resp: 66536

Ion Ratio Lower Upper

107 100

109 93.4 68.0 126.4

188 3.8 2.8 4.2



#51

Chlorobenzene

Concen: 5.475 ug/L

RT: 8.879 min Scan# 2438

Delta R.T. 0.003 min

Lab File: VV026860.D

Acq: 20 Jul 2022 20:01

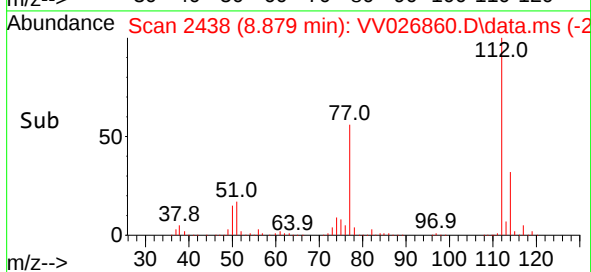
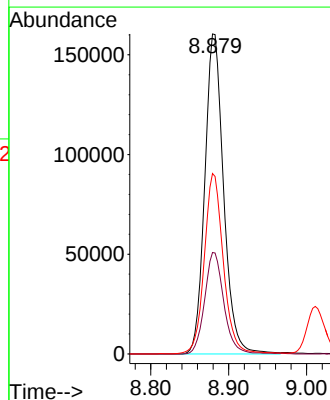
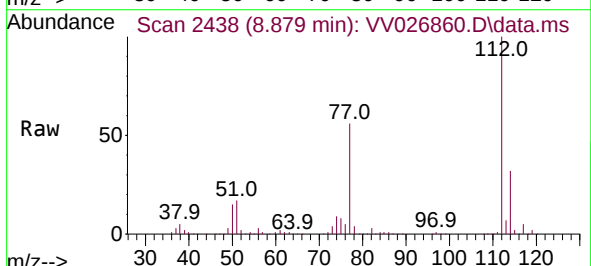
Tgt Ion:112 Resp: 269819

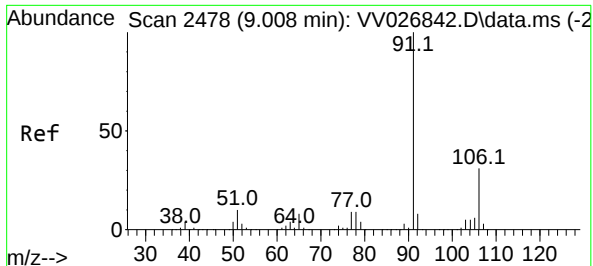
Ion Ratio Lower Upper

112 100

114 31.7 22.7 42.1

77 56.4 46.6 70.0

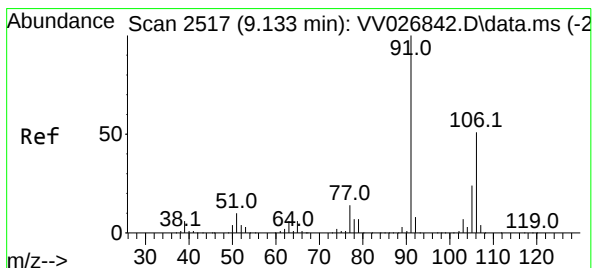
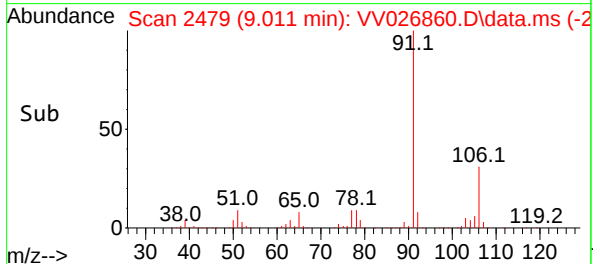
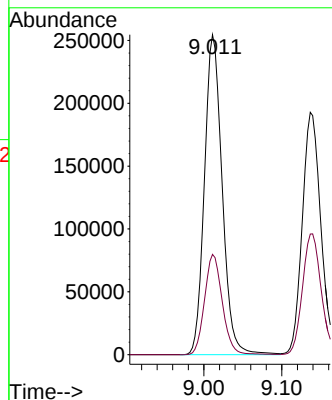
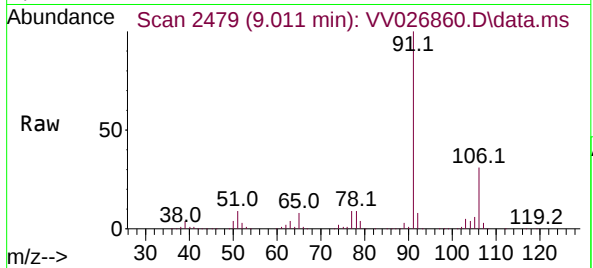




#52
Ethylbenzene
Concen: 5.216 ug/L
RT: 9.011 min Scan# 2478
Delta R.T. 0.003 min
Lab File: VV026860.D
Acq: 20 Jul 2022 20:01

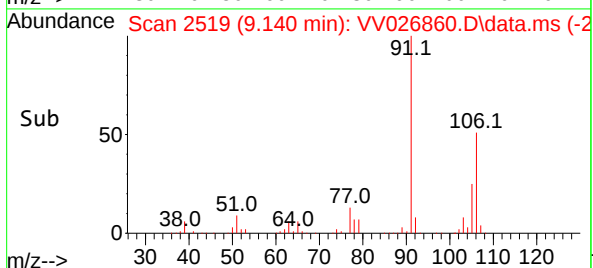
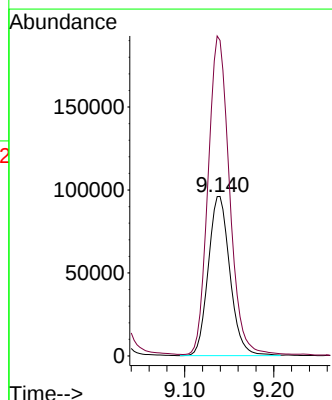
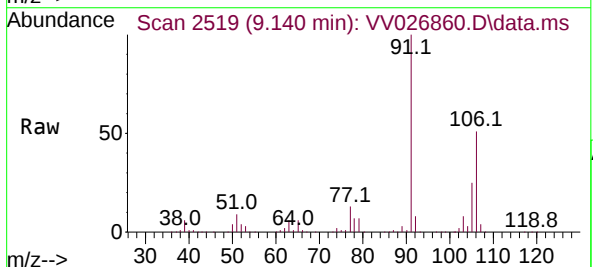
Instrument :
MSVOA_V
ClientSampleId :

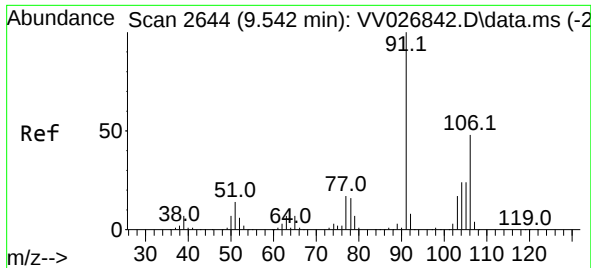
Tgt Ion: 91 Resp: 402284
Ion Ratio Lower Upper
91 100
106 31.3 21.6 40.2



#53
m,p-Xylene
Concen: 5.388 ug/L
RT: 9.140 min Scan# 2519
Delta R.T. 0.006 min
Lab File: VV026860.D
Acq: 20 Jul 2022 20:01

Tgt Ion: 106 Resp: 161610
Ion Ratio Lower Upper
106 100
91 197.8 139.3 258.7

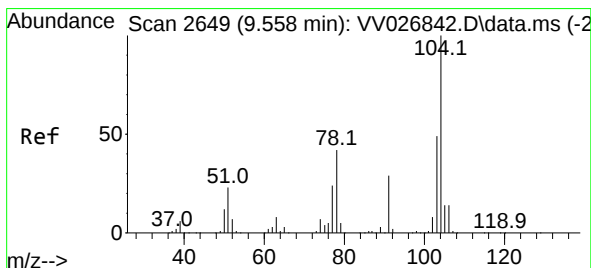
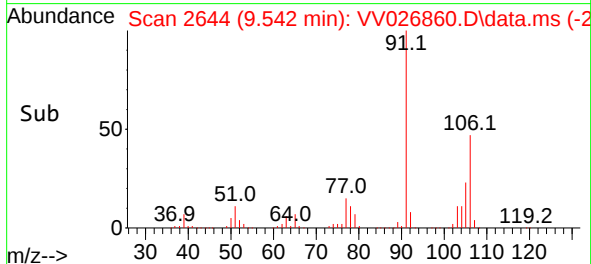
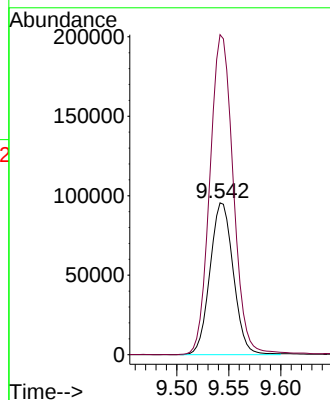
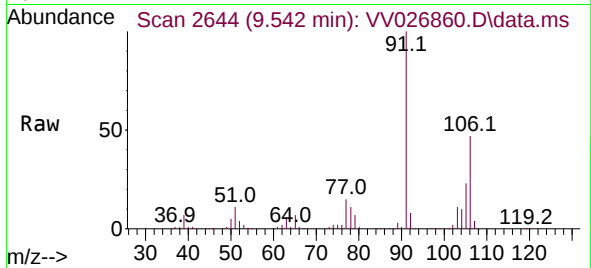




#54
o-Xylene
Concen: 5.233 ug/L
RT: 9.542 min Scan# 2644
Delta R.T. -0.000 min
Lab File: VV026860.D
Acq: 20 Jul 2022 20:01

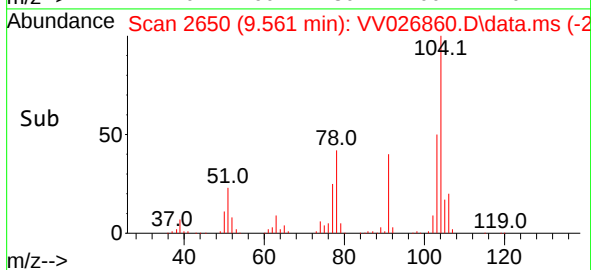
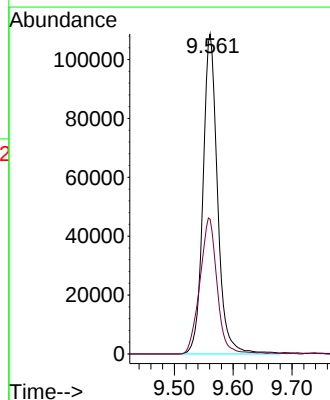
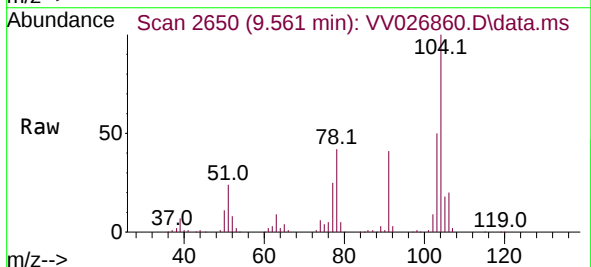
Instrument :
MSVOA_V
ClientSampleId :

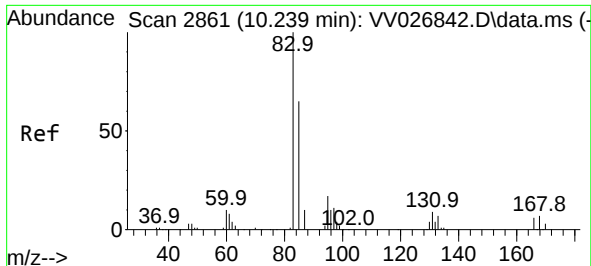
Tgt Ion:106 Resp: 149168
Ion Ratio Lower Upper
106 100
91 210.7 151.1 280.7



#55
Styrene
Concen: 3.744 ug/L
RT: 9.561 min Scan# 2650
Delta R.T. 0.003 min
Lab File: VV026860.D
Acq: 20 Jul 2022 20:01

Tgt Ion:104 Resp: 187056
Ion Ratio Lower Upper
104 100
78 42.1 29.5 54.9

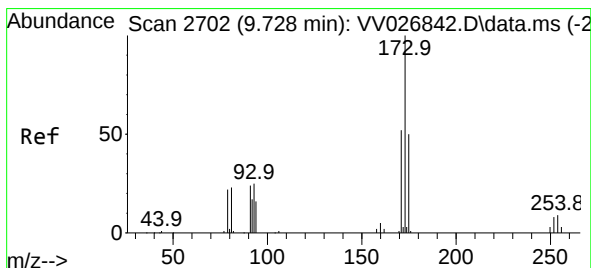
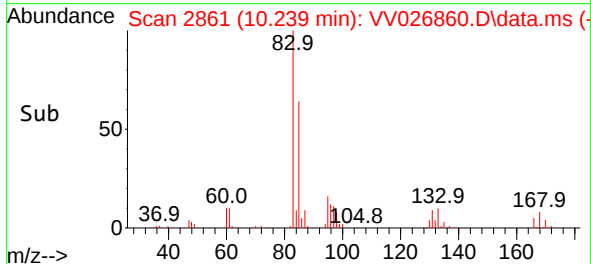
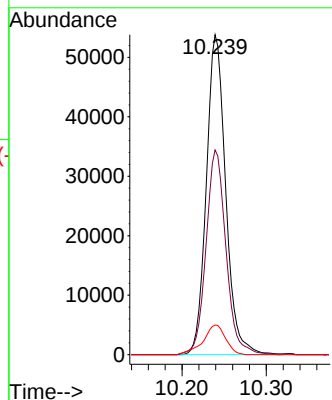
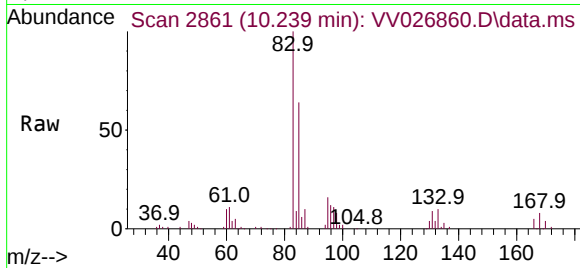




#57
 1,1,2,2-Tetrachloroethane
 Concen: 5.391 ug/L
 RT: 10.239 min Scan# 2861
 Delta R.T. -0.000 min
 Lab File: VV026860.D
 Acq: 20 Jul 2022 20:01

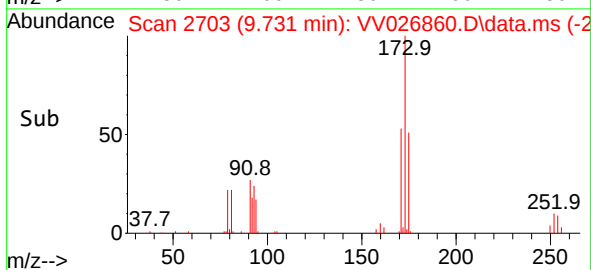
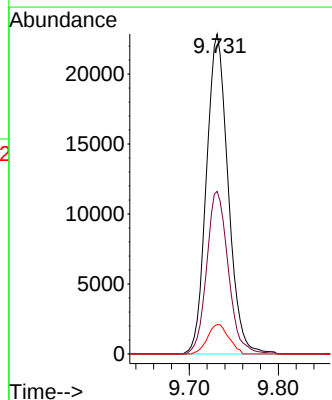
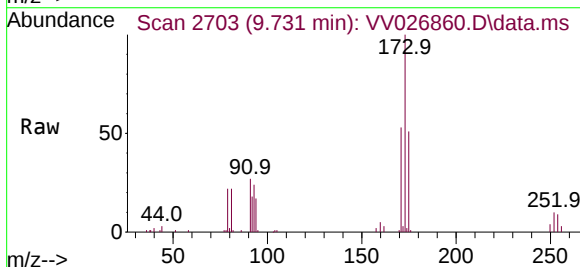
Instrument :
 MSVOA_V
 ClientSampleId :

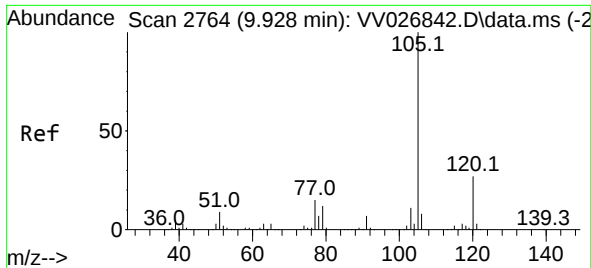
Tgt Ion: 83 Resp: 86088
 Ion Ratio Lower Upper
 83 100
 85 64.0 43.6 81.0
 131 9.2 7.4 11.2



#59
 Bromoform
 Concen: 4.795 ug/L
 RT: 9.731 min Scan# 2703
 Delta R.T. 0.003 min
 Lab File: VV026860.D
 Acq: 20 Jul 2022 20:01

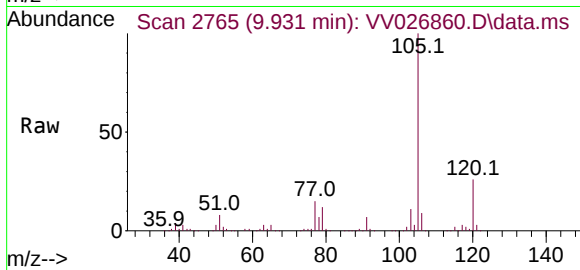
Tgt Ion: 173 Resp: 38698
 Ion Ratio Lower Upper
 173 100
 175 50.4 40.7 61.1
 254 9.0 6.5 9.7



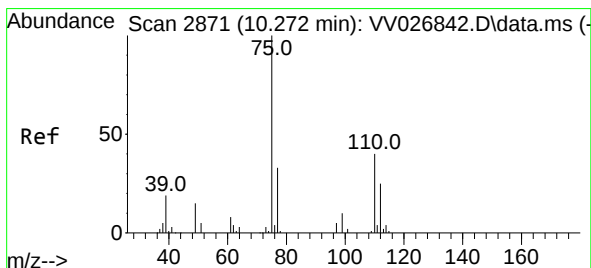
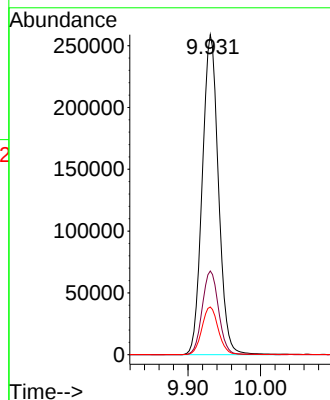
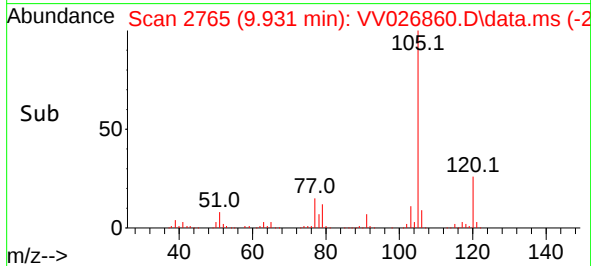


#60
Isopropylbenzene
Concen: 5.105 ug/L
RT: 9.931 min Scan# 21
Delta R.T. 0.003 min
Lab File: VV026860.D
Acq: 20 Jul 2022 20:01

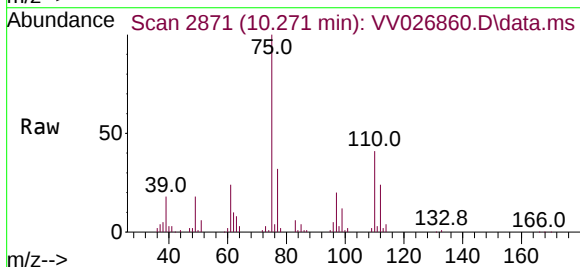
Instrument :
MSVOA_V
ClientSampleId :



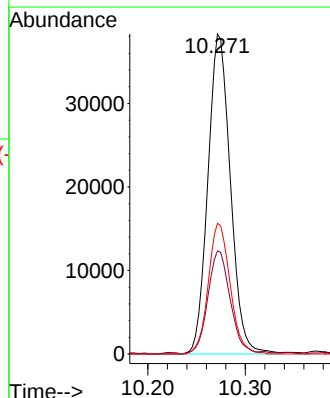
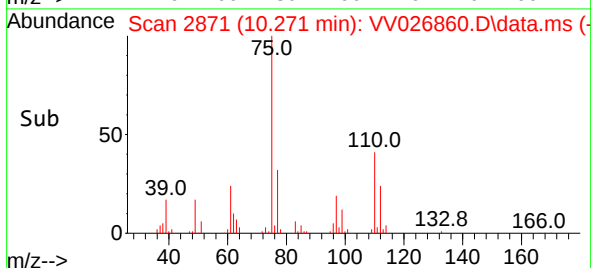
Tgt Ion:105 Resp: 400504
Ion Ratio Lower Upper
105 100
120 26.5 20.7 31.1
77 15.0 12.5 18.7

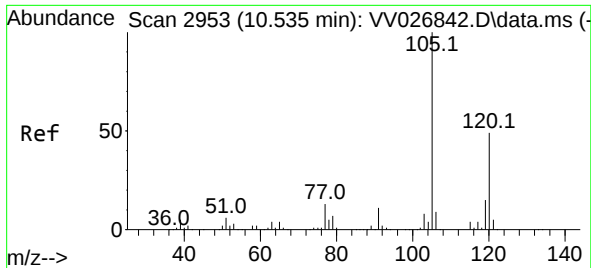


#61
1,2,3-Trichloropropane
Concen: 5.304 ug/L
RT: 10.271 min Scan# 2871
Delta R.T. -0.000 min
Lab File: VV026860.D
Acq: 20 Jul 2022 20:01



Tgt Ion: 75 Resp: 61521
Ion Ratio Lower Upper
75 100
77 32.0 25.4 38.0
110 39.5 31.8 47.6





#62

1,3,5-Trimethylbenzene

Concen: 4.879 ug/L

RT: 10.538 min Scan# 2953

Delta R.T. 0.003 min

Lab File: VV026860.D

Acq: 20 Jul 2022 20:01

Instrument :

MSVOA_V

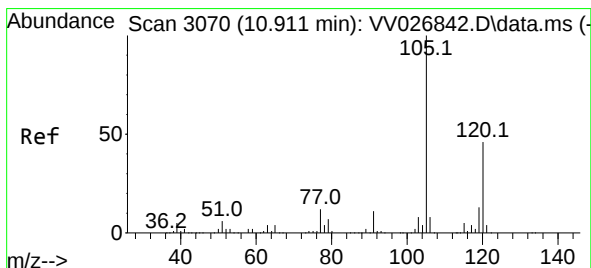
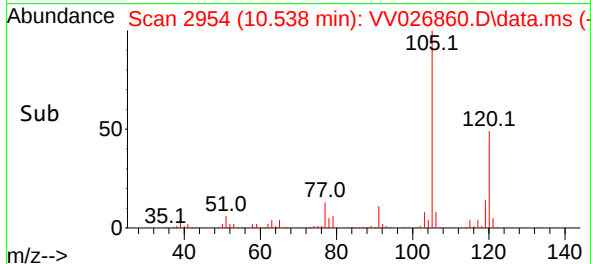
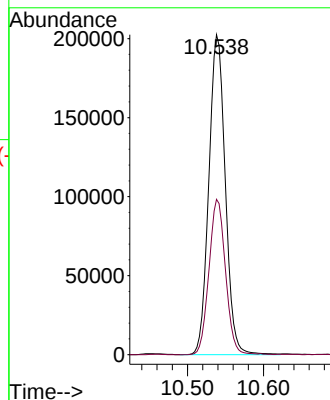
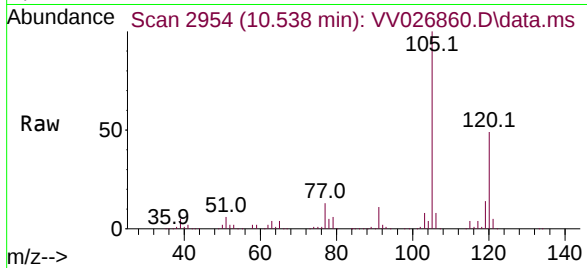
ClientSampleId :

Tgt Ion:105 Resp: 304549

Ion Ratio Lower Upper

105 100

120 48.6 39.6 59.4



#63

1,2,4-Trimethylbenzene

Concen: 4.939 ug/L

RT: 10.914 min Scan# 3071

Delta R.T. 0.003 min

Lab File: VV026860.D

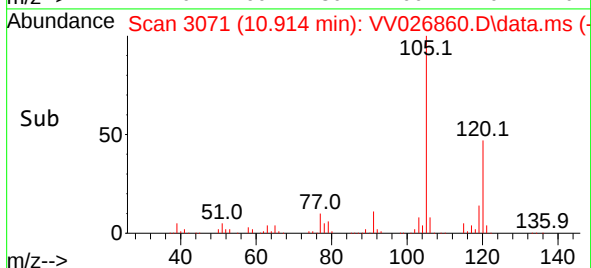
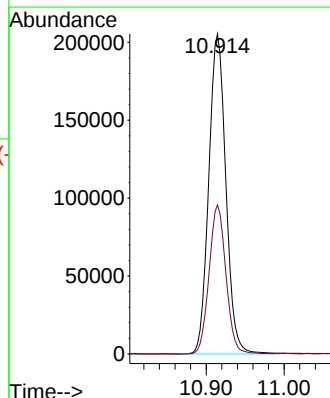
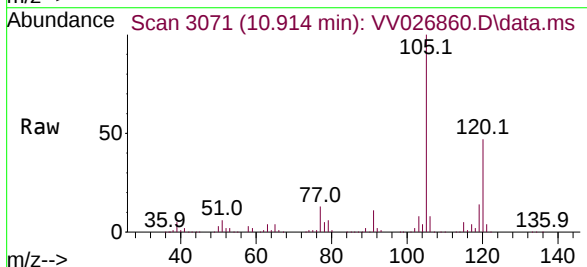
Acq: 20 Jul 2022 20:01

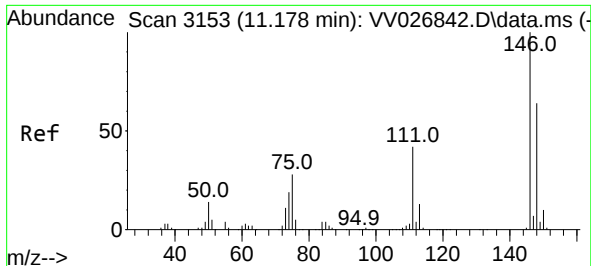
Tgt Ion:105 Resp: 312993

Ion Ratio Lower Upper

105 100

120 46.0 36.8 55.2

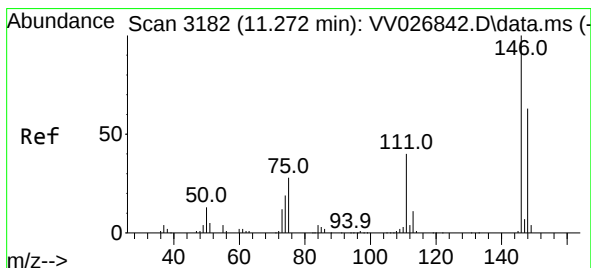
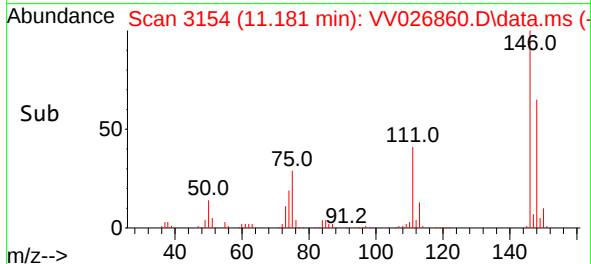
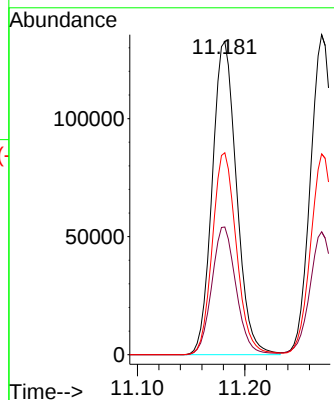
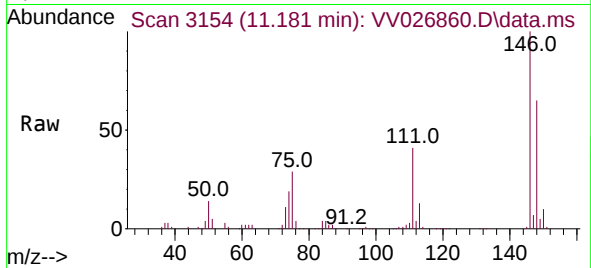




#64
1,3-Dichlorobenzene
Concen: 5.425 ug/L
RT: 11.181 min Scan# 3153
Delta R.T. 0.003 min
Lab File: VV026860.D
Acq: 20 Jul 2022 20:01

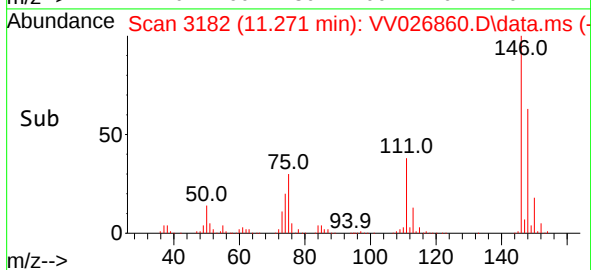
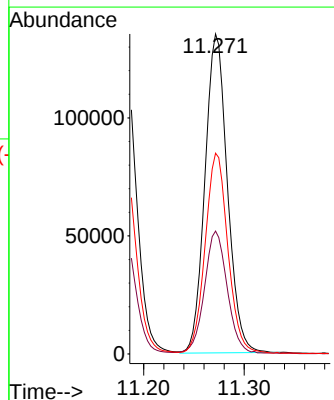
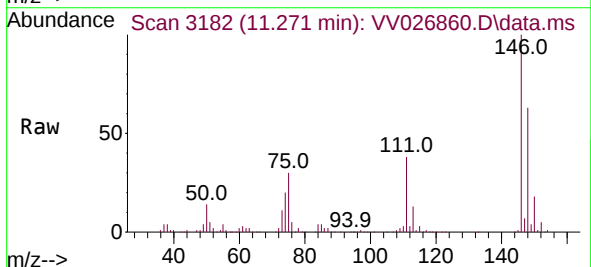
Instrument :
MSVOA_V
ClientSampleId :

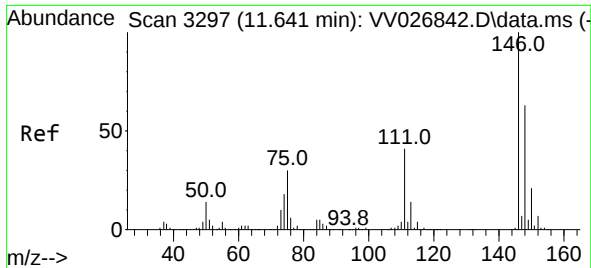
Tgt Ion:146 Resp: 208518
Ion Ratio Lower Upper
146 100
111 40.8 27.9 51.7
148 64.5 44.9 83.5



#65
1,4-Dichlorobenzene
Concen: 5.366 ug/L
RT: 11.271 min Scan# 3182
Delta R.T. -0.000 min
Lab File: VV026860.D
Acq: 20 Jul 2022 20:01

Tgt Ion:146 Resp: 209718
Ion Ratio Lower Upper
146 100
111 38.4 26.8 49.8
148 62.8 43.3 80.5

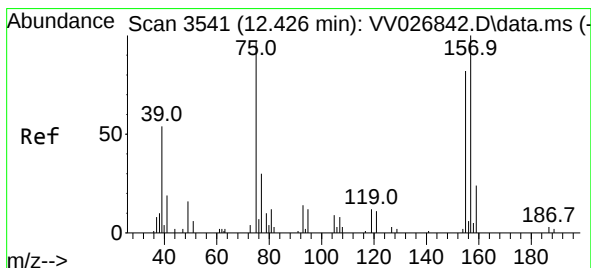
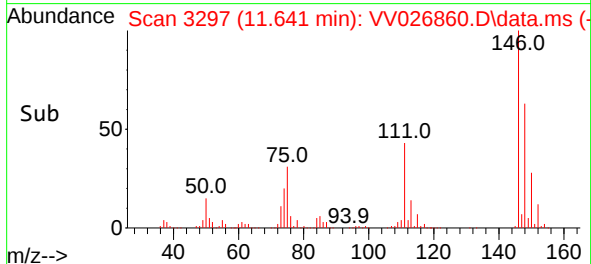
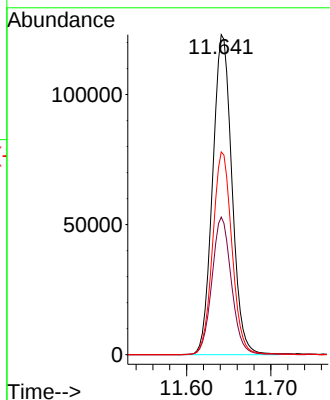
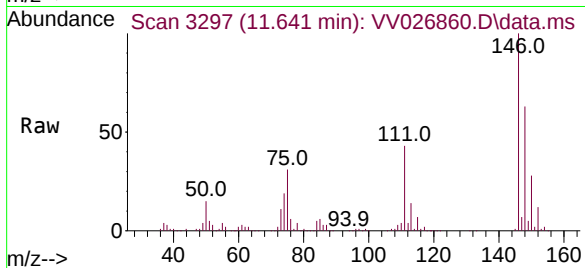




#67
1,2-Dichlorobenzene
Concen: 5.458 ug/L
RT: 11.641 min Scan# 3297
Delta R.T. -0.000 min
Lab File: VV026860.D
Acq: 20 Jul 2022 20:01

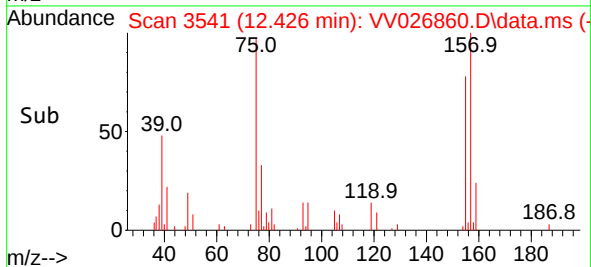
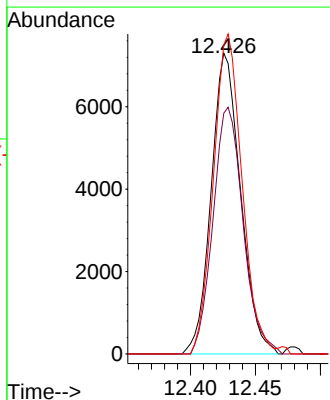
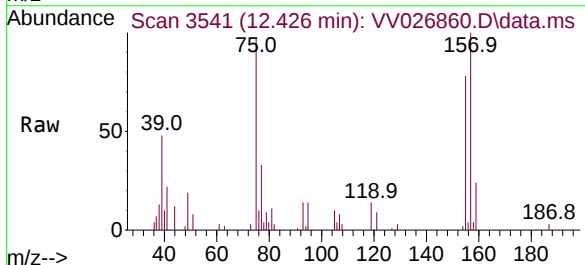
Instrument :
MSVOA_V
ClientSampleId :

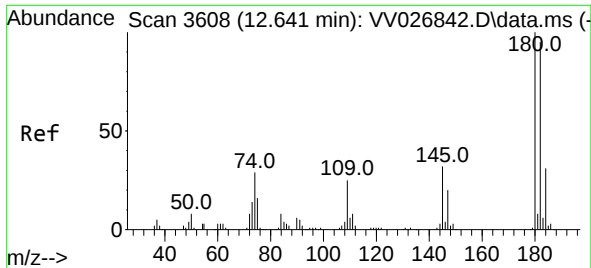
Tgt Ion:146 Resp: 195926
Ion Ratio Lower Upper
146 100
111 43.0 34.6 52.0
148 63.4 51.0 76.4



#68
1,2-Dibromo-3-chloropropane
Concen: 4.676 ug/L
RT: 12.426 min Scan# 3541
Delta R.T. -0.000 min
Lab File: VV026860.D
Acq: 20 Jul 2022 20:01

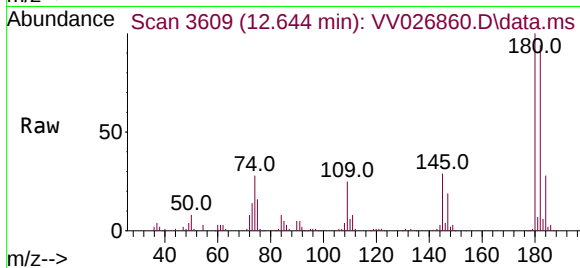
Tgt Ion: 75 Resp: 11497
Ion Ratio Lower Upper
75 100
155 80.0 60.3 90.5
157 102.7 78.2 117.4



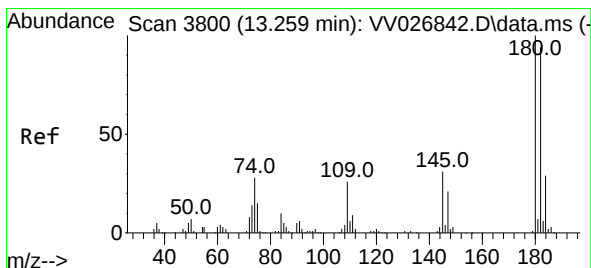
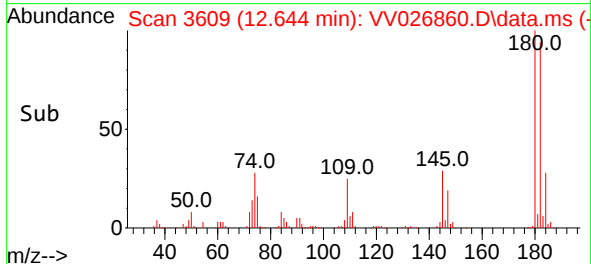
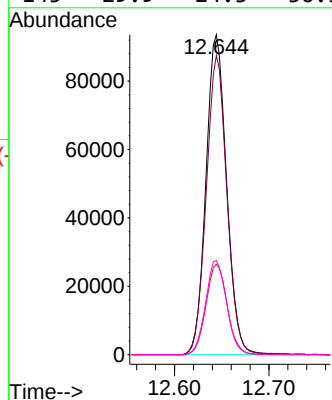


#69
1,3,5-Trichlorobenzene
Concen: 5.227 ug/L
RT: 12.644 min Scan# 301
Delta R.T. 0.003 min
Lab File: VV026860.D
Acq: 20 Jul 2022 20:01

Instrument :
MSVOA_V
ClientSampleId :

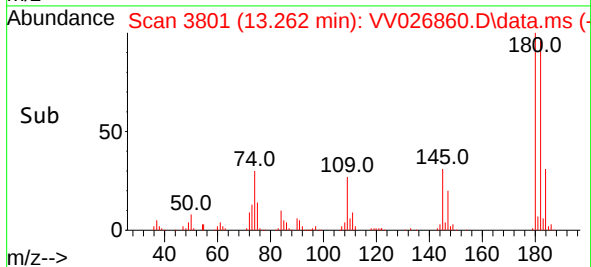
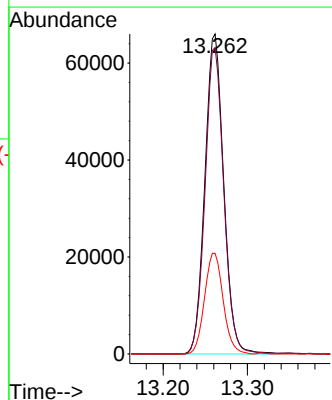
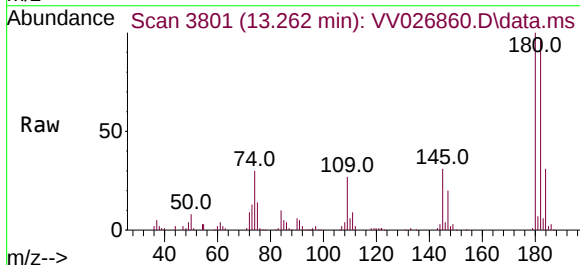


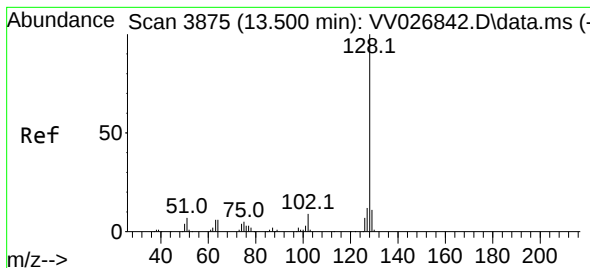
Tgt Ion:180 Resp: 141996
Ion Ratio Lower Upper
180 100
182 93.0 74.0 111.0
184 29.0 23.1 34.7
145 29.9 24.3 36.5



#70
1,2,4-trichlorobenzene
Concen: 4.976 ug/L
RT: 13.262 min Scan# 3801
Delta R.T. 0.003 min
Lab File: VV026860.D
Acq: 20 Jul 2022 20:01

Tgt Ion:180 Resp: 102815
Ion Ratio Lower Upper
180 100
182 95.0 74.7 112.1
145 31.1 24.7 37.1





#71

Naphthalene

Concen: 4.246 ug/L

RT: 13.503 min Scan# 3875

Delta R.T. 0.003 min

Lab File: VV026860.D

Acq: 20 Jul 2022 20:01

Instrument :

MSVOA_V

ClientSampleId :

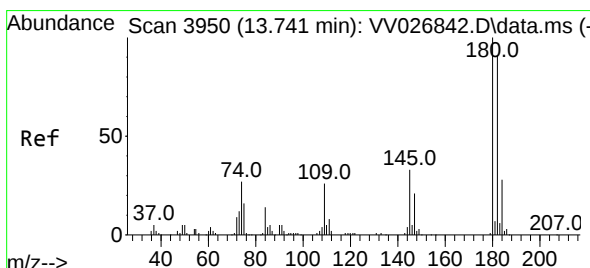
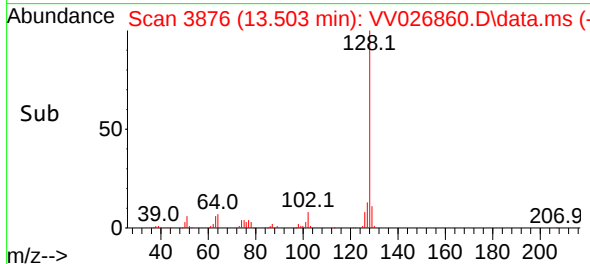
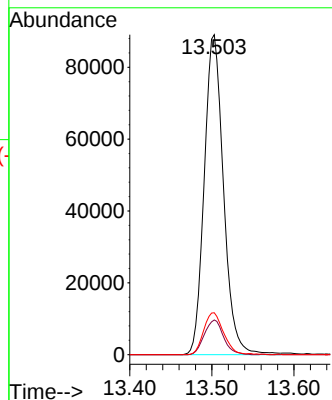
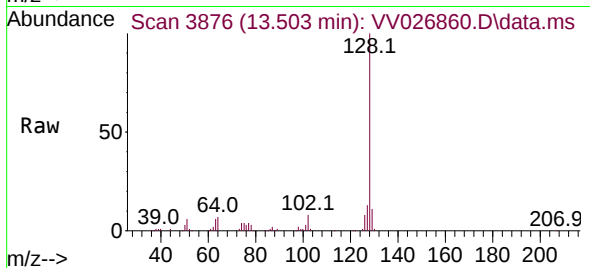
Tgt Ion:128 Resp: 145327

Ion Ratio Lower Upper

128 100

129 10.8 8.4 12.6

127 13.5 10.7 16.1



#72

1,2,3-Trichlorobenzene

Concen: 4.894 ug/L

RT: 13.744 min Scan# 3951

Delta R.T. 0.003 min

Lab File: VV026860.D

Acq: 20 Jul 2022 20:01

Tgt Ion:180 Resp: 94079

Ion Ratio Lower Upper

180 100

182 96.3 75.0 112.4

145 34.4 26.0 39.0

