

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV081823\
 Data File : VV031840.D
 Acq On : 18 Aug 2023 10:57
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Aug 19 02:16:48 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR081723WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Aug 18 02:24:23 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.539	114	205558	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.789	117	214774	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.191	152	118843	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	55651	4.551	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	91.000%
7) Chloroethane-d5	1.532	69	68671	5.356	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	107.200%
11) 1,1-Dichloroethene-d2	2.056	65	30540	4.324	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	86.400%
20) 2-Butanone-d5	3.822	46	218410	51.877	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	103.760%
24) Chloroform-d	4.252	84	175318	4.940	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.800%
26) 1,2-Dichloroethane-d4	4.947	65	88204	5.033	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	100.600%
32) Benzene-d6	4.963	84	306511	5.230	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	104.600%
36) 1,2-Dichloropropane-d6	5.992	67	96500	4.638	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	92.800%
41) Toluene-d8	7.246	98	293859	5.508	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	110.200%
43) trans-1,3-Dichloroprop...	7.561	79	28693	4.492	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	89.800%
46) 2-Hexanone-d5	8.034	63	150319	49.372	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	98.740%
56) 1,1,2,2-Tetrachloroeth...	10.159	84	79235	5.491	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	109.800%
66) 1,2-Dichlorobenzene-d4	11.564	152	106194	5.066	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	101.400%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.105	85	83652	4.483	ug/L	96
3) Chloromethane	1.217	50	85470	4.756	ug/L	100
5) Vinyl chloride	1.282	62	85212	4.792	ug/L	92
6) Bromomethane	1.487	94	49268	4.226	ug/L	86
8) Chloroethane	1.548	64	57983	5.203	ug/L	95
9) Trichlorofluoromethane	1.712	101	141371	5.038	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.066	101	68594	4.344	ug/L	96
12) 1,1-Dichloroethene	2.069	96	61736	4.523	ug/L	79
13) Acetone	2.156	43	105290	43.583	ug/L	97
14) Carbon disulfide	2.240	76	186356	4.939	ug/L	99
15) Methyl Acetate	2.388	43	30663	4.797	ug/L	98
16) Methylene chloride	2.449	84	89681	4.910	ug/L	96
17) Methyl tert-butyl Ether	2.709	73	139168	4.954	ug/L	96
18) trans-1,2-Dichloroethene	2.693	96	60956	4.768	ug/L	94
19) 1,1-Dichloroethane	3.114	63	136519	5.058	ug/L	99
21) 2-Butanone	3.902	43	156917	47.816	ug/L	97
22) cis-1,2-Dichloroethene	3.818	96	64968	4.981	ug/L	91
23) Bromochloromethane	4.153	128	32937	4.956	ug/L	90
25) Chloroform	4.281	83	141176	4.913	ug/L	99

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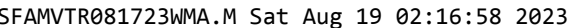
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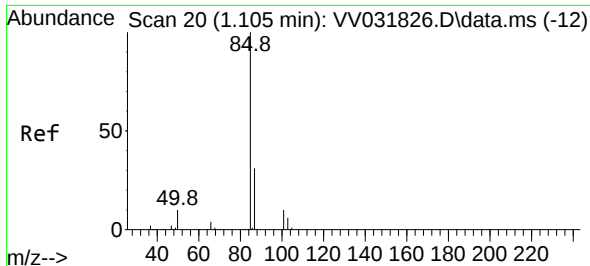
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 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Aug 18 02:24:23 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.047	62	81699	4.804	ug/L	97
29) 1,1,1-Trichloroethane	4.513	97	118151	4.864	ug/L	97
30) Cyclohexane	4.587	56	86429	5.173	ug/L	98
31) Carbon tetrachloride	4.738	117	107092	4.981	ug/L	99
33) Benzene	5.015	78	263164	5.150	ug/L	100
34) Trichloroethene	5.838	95	74392	5.102	ug/L	98
35) Methylcyclohexane	6.056	83	75519	4.584	ug/L	96
37) 1,2-Dichloropropane	6.098	63	65025	4.446	ug/L	99
38) Bromodichloromethane	6.439	83	90935	4.743	ug/L	97
39) cis-1,3-Dichloropropene	6.960	75	83915	4.811	ug/L	96
40) 4-Methyl-2-pentanone	7.166	43	359561	47.036	ug/L	97
42) Toluene	7.320	91	254282	5.016	ug/L	100
44) trans-1,3-Dichloropropene	7.587	75	68113	4.369	ug/L	97
45) 1,1,2-Trichloroethane	7.773	97	45477	4.107	ug/L	92
47) Tetrachloroethene	7.908	164	49775	4.643	ug/L	95
48) 2-Hexanone	8.082	43	277750	46.044	ug/L	96
49) Dibromochloromethane	8.182	129	60547	4.842	ug/L	92
50) 1,2-Dibromoethane	8.288	107	50070	4.911	ug/L	97
51) Chlorobenzene	8.818	112	174590	5.035	ug/L	99
52) Ethylbenzene	8.950	91	265856	5.208	ug/L	97
53) m,p-Xylene	9.079	106	99940	5.471	ug/L	95
54) o-Xylene	9.484	106	93538	5.380	ug/L	95
55) Styrene	9.500	104	172086	5.426	ug/L	96
57) 1,1,2,2-Tetrachloroethane	10.182	83	56215	5.097	ug/L #	88
59) Bromoform	9.670	173	34365	4.928	ug/L	99
60) Isopropylbenzene	9.873	105	259307	5.397	ug/L	98
61) 1,2,3-Trichloropropane	10.214	75	48763	4.966	ug/L	98
62) 1,3,5-Trimethylbenzene	10.481	105	196183	5.027	ug/L	100
63) 1,2,4-Trimethylbenzene	10.857	105	198888	5.086	ug/L	100
64) 1,3-Dichlorobenzene	11.120	146	142881	5.123	ug/L	98
65) 1,4-Dichlorobenzene	11.214	146	145297	5.145	ug/L	99
67) 1,2-Dichlorobenzene	11.583	146	134299	5.056	ug/L	100
68) 1,2-Dibromo-3-chloropr...	12.371	75	9751	5.303	ug/L	86
69) 1,3,5-Trichlorobenzene	12.587	180	101961	5.113	ug/L	98
70) 1,2,4-trichlorobenzene	13.204	180	79955	4.765	ug/L	99
71) Naphthalene	13.445	128	114988	4.684	ug/L	100
72) 1,2,3-Trichlorobenzene	13.686	180	74072	4.884	ug/L	97

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

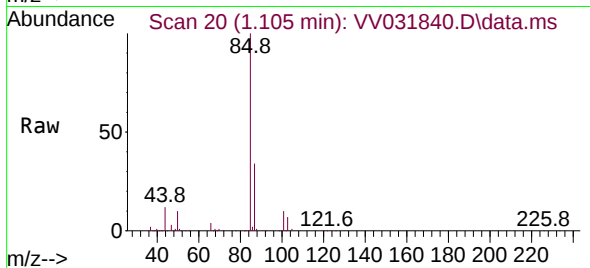
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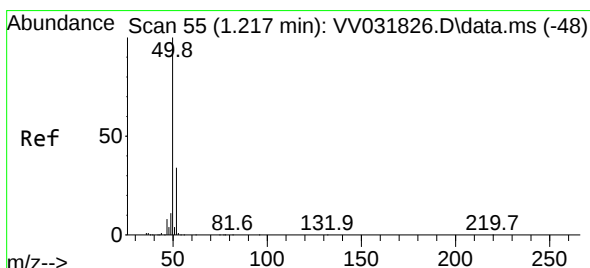
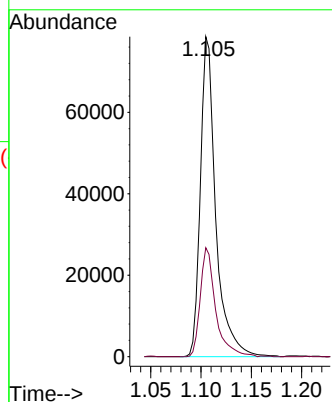
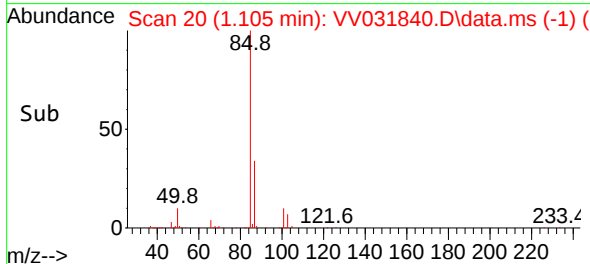


#2
 Dichlorodifluoromethane
 Concen: 4.483 ug/L
 RT: 1.105 min Scan# 20
 Delta R.T. 0.000 min
 Lab File: VV031840.D
 Acq: 18 Aug 2023 10:57

Instrument :
 MSVOA_V
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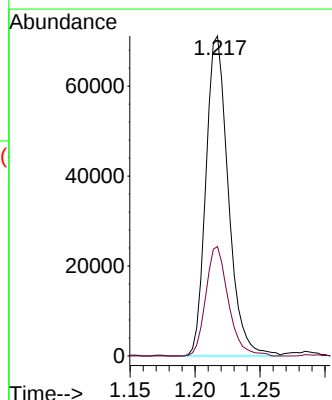
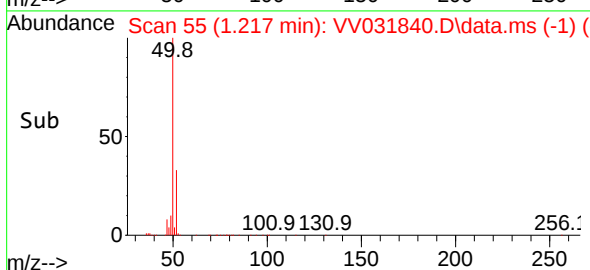
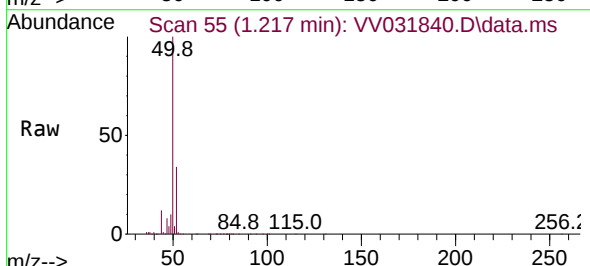


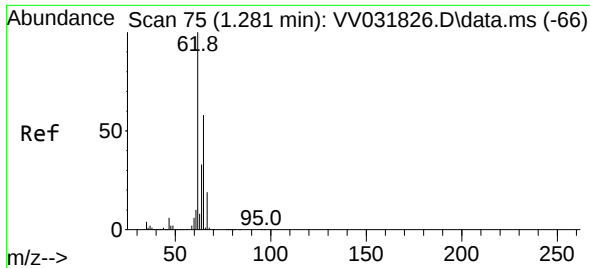
Tgt Ion: 85 Resp: 83652
 Ion Ratio Lower Upper
 85 100
 87 34.2 25.5 38.3



#3
 Chloromethane
 Concen: 4.756 ug/L
 RT: 1.217 min Scan# 55
 Delta R.T. 0.000 min
 Lab File: VV031840.D
 Acq: 18 Aug 2023 10:57

Tgt Ion: 50 Resp: 85470
 Ion Ratio Lower Upper
 50 100
 52 34.2 23.8 44.2

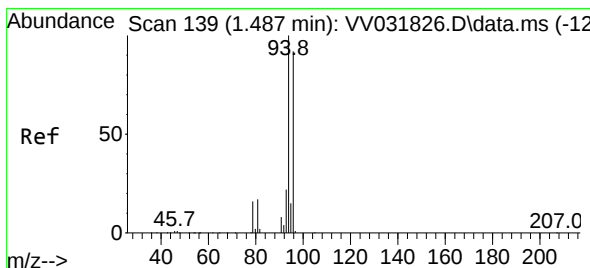
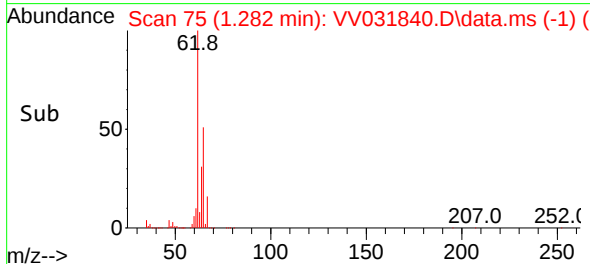
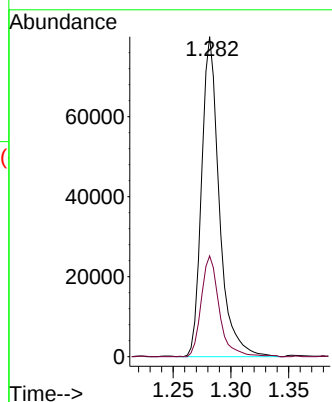
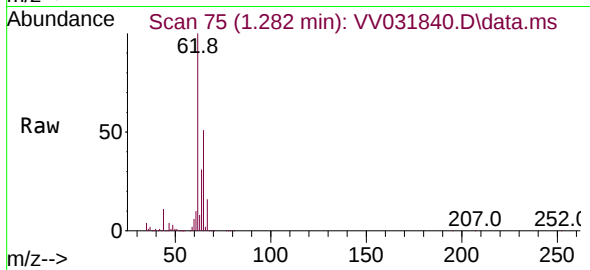




#5
 Vinyl chloride
 Concen: 4.792 ug/L
 RT: 1.282 min Scan# 75
 Delta R.T. 0.000 min
 Lab File: VV031840.D
 Acq: 18 Aug 2023 10:57

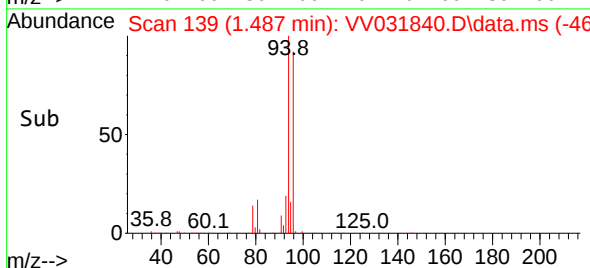
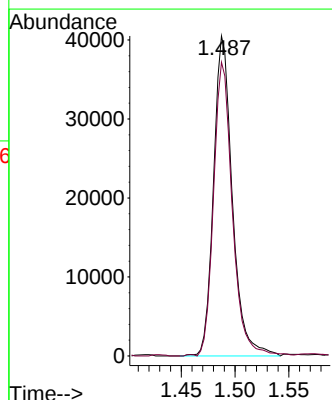
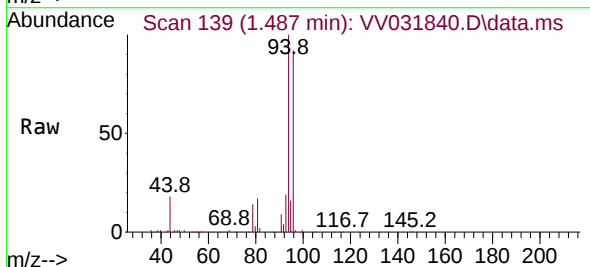
Instrument :
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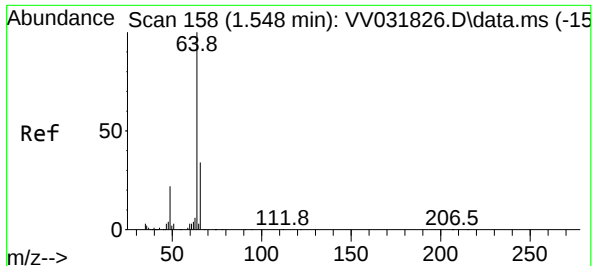
Tgt Ion: 62 Resp: 85212
 Ion Ratio Lower Upper
 62 100
 64 82.9 63.5 117.9



#6
 Bromomethane
 Concen: 4.226 ug/L
 RT: 1.487 min Scan# 139
 Delta R.T. 0.000 min
 Lab File: VV031840.D
 Acq: 18 Aug 2023 10:57

Tgt Ion: 94 Resp: 49268
 Ion Ratio Lower Upper
 94 100
 96 79.5 65.3 121.3

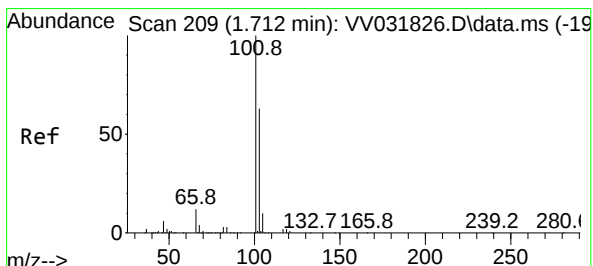
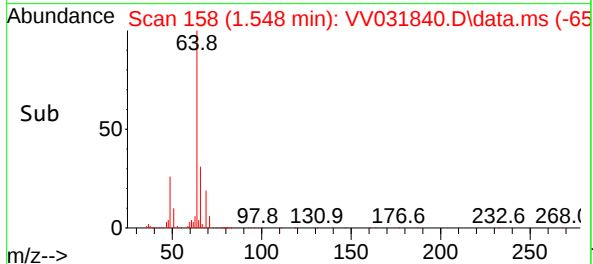
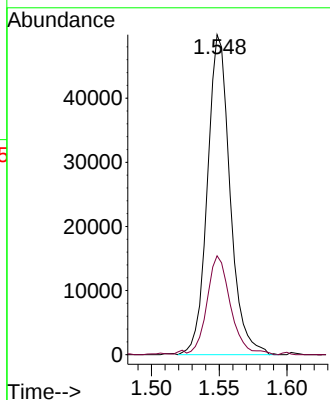
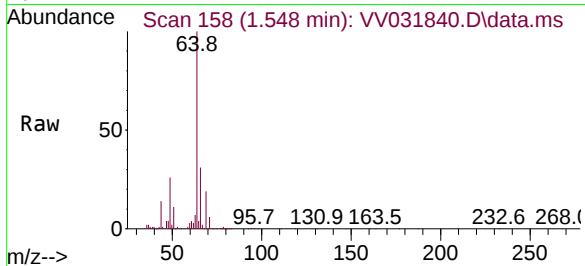




#8
Chloroethane
Concen: 5.203 ug/L
RT: 1.548 min Scan# 11
Delta R.T. 0.000 min
Lab File: VV031840.D
Acq: 18 Aug 2023 10:57

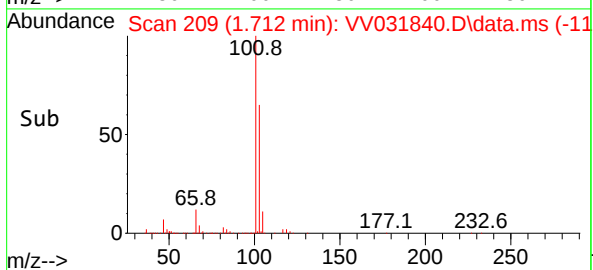
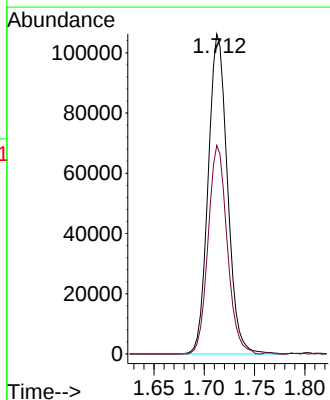
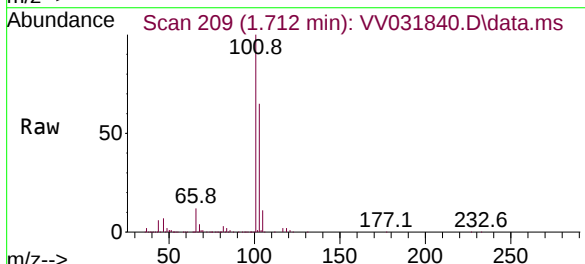
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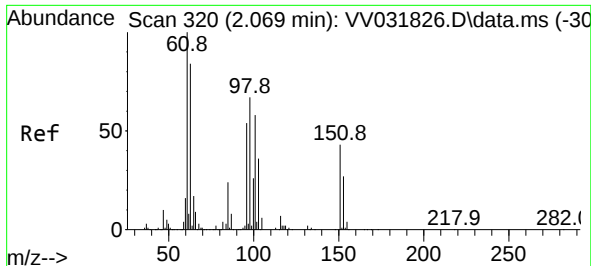
Tgt Ion: 64 Resp: 57983
Ion Ratio Lower Upper
64 100
66 29.7 22.8 42.4



#9
Trichlorofluoromethane
Concen: 5.038 ug/L
RT: 1.712 min Scan# 209
Delta R.T. 0.000 min
Lab File: VV031840.D
Acq: 18 Aug 2023 10:57

Tgt Ion: 101 Resp: 141371
Ion Ratio Lower Upper
101 100
103 64.5 52.1 78.1





#10

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

Concen: 4.344 ug/L

RT: 2.066 min Scan# 31

Delta R.T. -0.003 min

Lab File: VV031840.D

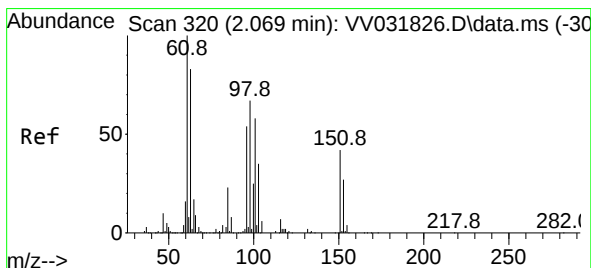
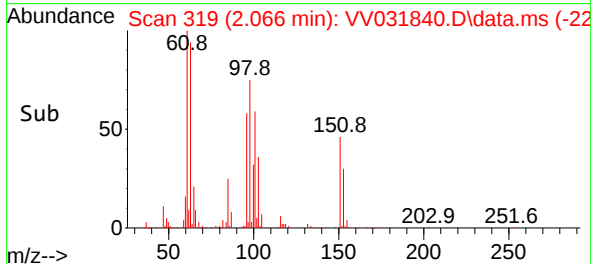
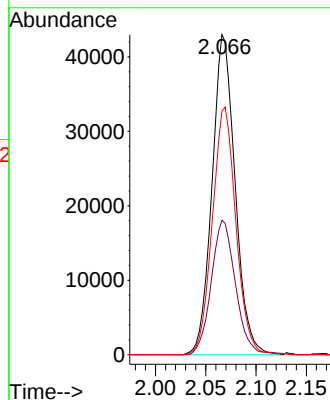
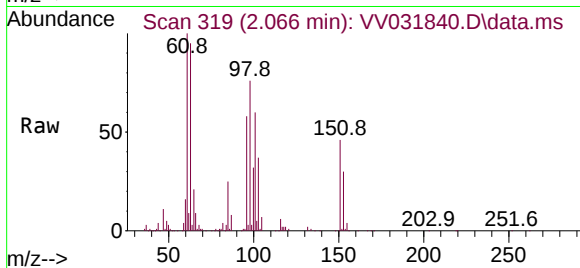
Acq: 18 Aug 2023 10:57

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion:	101	Resp:	68594
Ion Ratio	Lower	Upper	
101	100		
85	44.1	33.3	49.9
151	79.0	60.2	90.4



#12

1,1-Dichloroethene

Concen: 4.523 ug/L

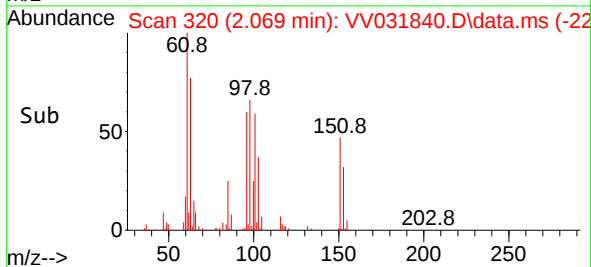
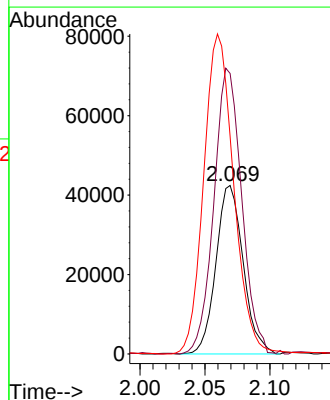
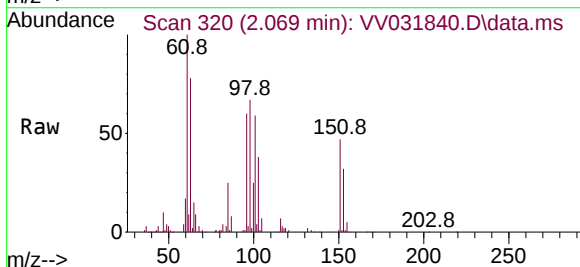
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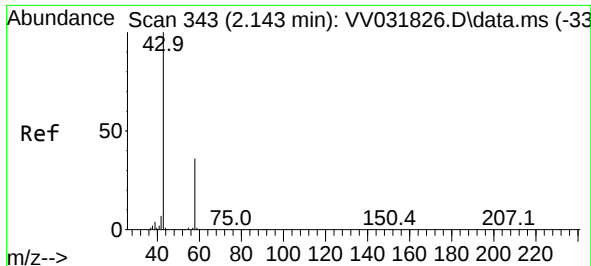
Delta R.T. 0.000 min

Lab File: VV031840.D

Acq: 18 Aug 2023 10:57

Tgt Ion:	96	Resp:	61736
Ion Ratio	Lower	Upper	
96	100		
61	158.9	129.0	239.6
63	123.2	108.7	201.9





#13

Acetone

Concen: 43.583 ug/L

RT: 2.156 min Scan# 34

Delta R.T. 0.013 min

Lab File: VV031840.D

Acq: 18 Aug 2023 10:57

Instrument :

MSVOA_V

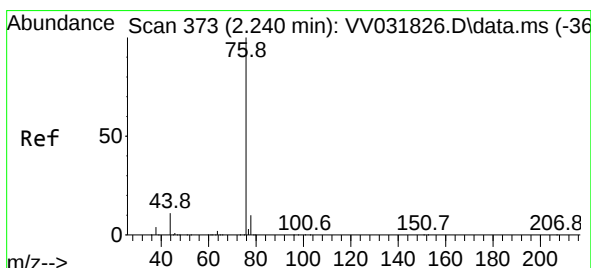
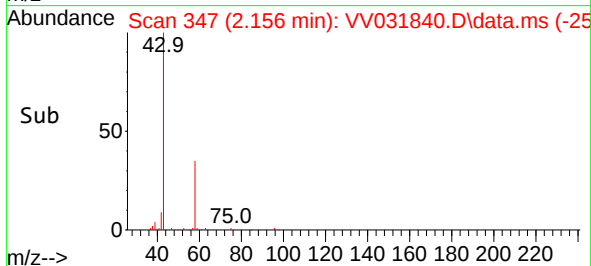
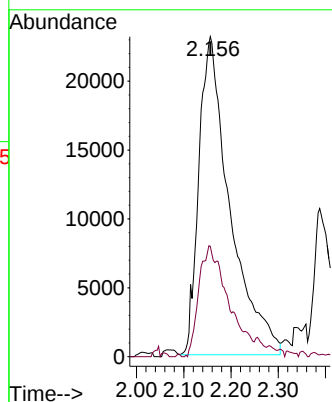
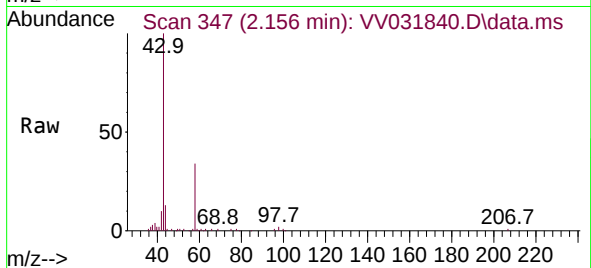
ClientSampleId :

Tgt Ion: 43 Resp: 105290

Ion Ratio Lower Upper

43 100

58 32.9 0.0 69.0



#14

Carbon disulfide

Concen: 4.939 ug/L

RT: 2.240 min Scan# 373

Delta R.T. 0.000 min

Lab File: VV031840.D

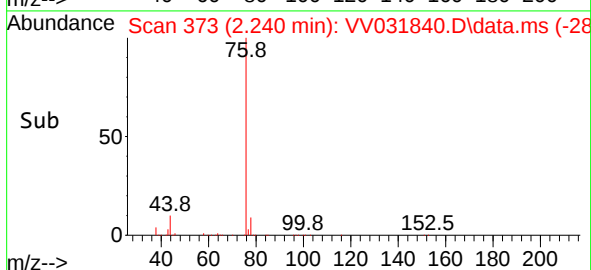
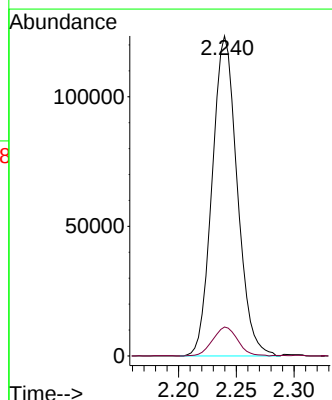
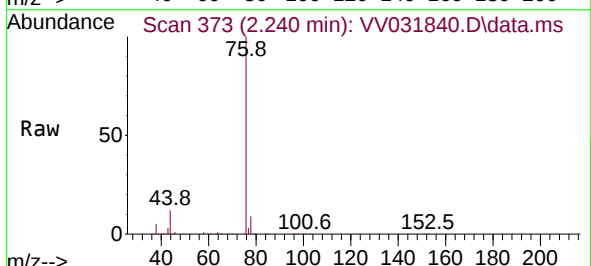
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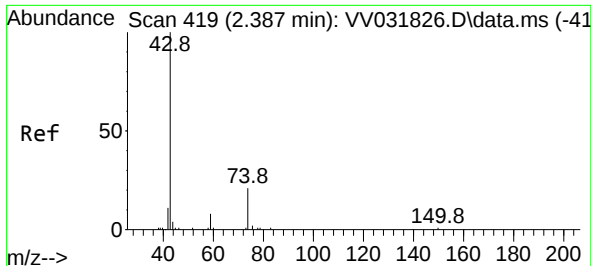
Tgt Ion: 76 Resp: 186356

Ion Ratio Lower Upper

76 100

78 9.2 7.7 11.5

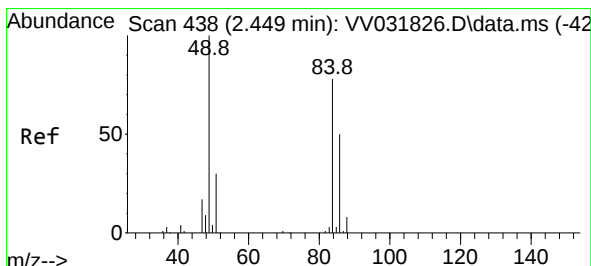
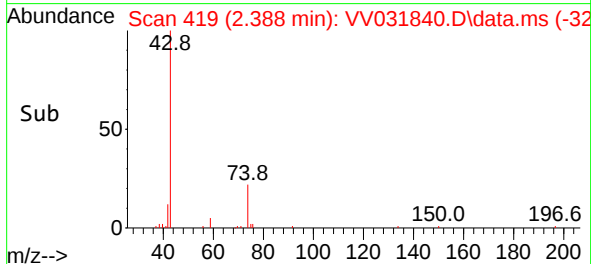
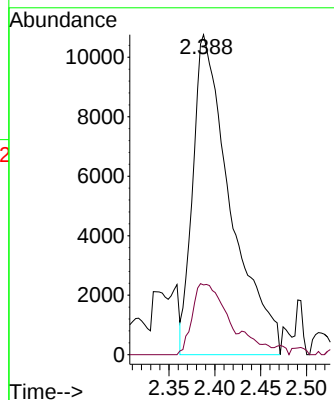
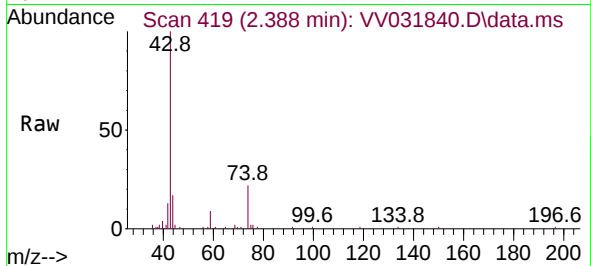




#15
Methyl Acetate
Concen: 4.797 ug/L
RT: 2.388 min Scan# 419
Delta R.T. 0.000 min
Lab File: VV031840.D
Acq: 18 Aug 2023 10:57

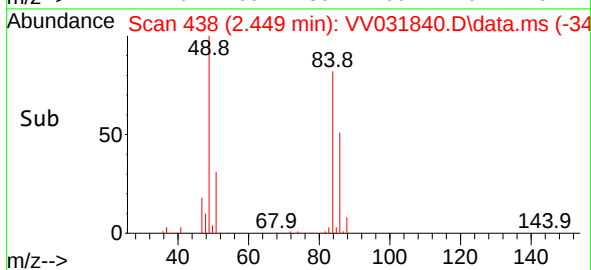
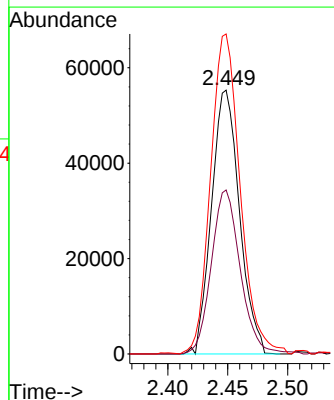
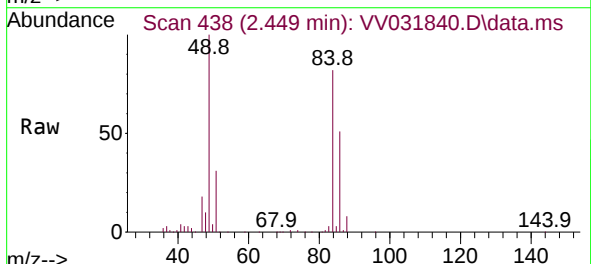
Instrument :
MSVOA_V
ClientSampleId :

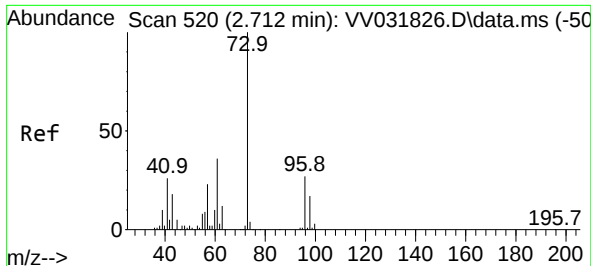
Tgt Ion: 43 Resp: 30663
Ion Ratio Lower Upper
43 100
74 19.1 16.2 24.2



#16
Methylene chloride
Concen: 4.910 ug/L
RT: 2.449 min Scan# 438
Delta R.T. 0.000 min
Lab File: VV031840.D
Acq: 18 Aug 2023 10:57

Tgt Ion: 84 Resp: 89681
Ion Ratio Lower Upper
84 100
86 62.2 44.5 82.7
49 126.4 93.0 172.6





#17

Methyl tert-butyl Ether

Concen: 4.954 ug/L

RT: 2.709 min Scan# 51

Delta R.T. -0.003 min

Lab File: VV031840.D

Acq: 18 Aug 2023 10:57

Instrument :

MSVOA_V

ClientSampleId :

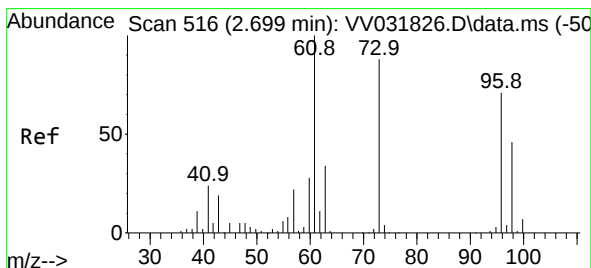
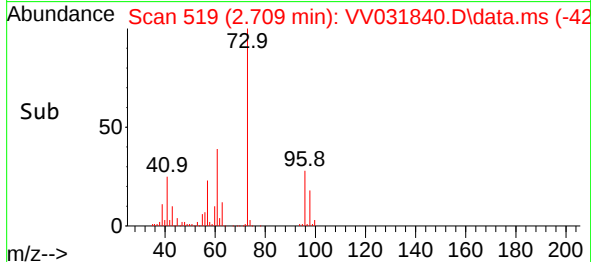
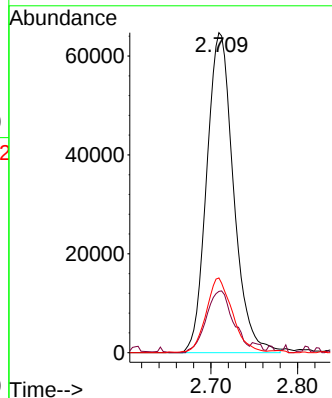
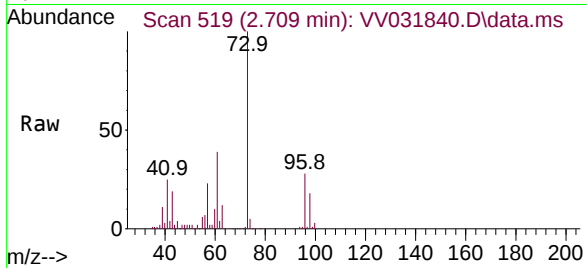
Tgt Ion: 73 Resp: 139168

Ion Ratio Lower Upper

73 100

43 19.4 16.9 25.3

57 22.6 19.7 29.5



#18

trans-1,2-Dichloroethene

Concen: 4.768 ug/L

RT: 2.693 min Scan# 514

Delta R.T. -0.006 min

Lab File: VV031840.D

Acq: 18 Aug 2023 10:57

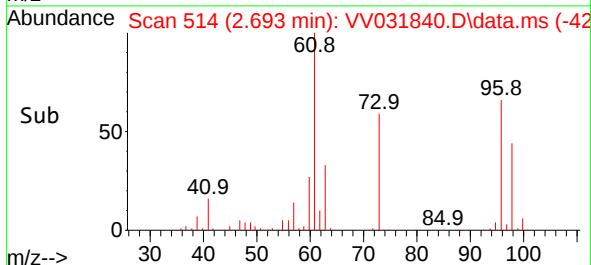
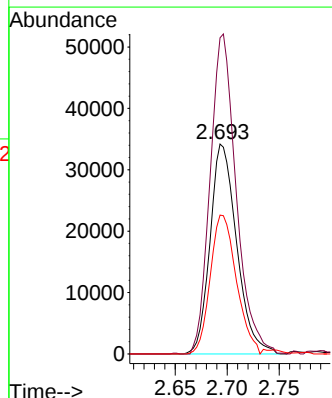
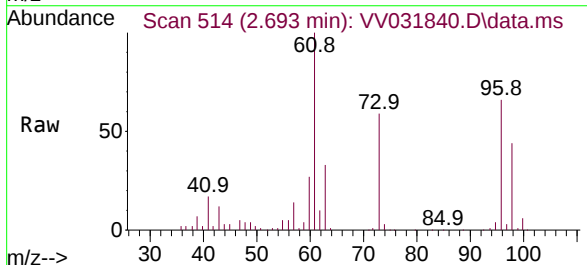
Tgt Ion: 96 Resp: 60956

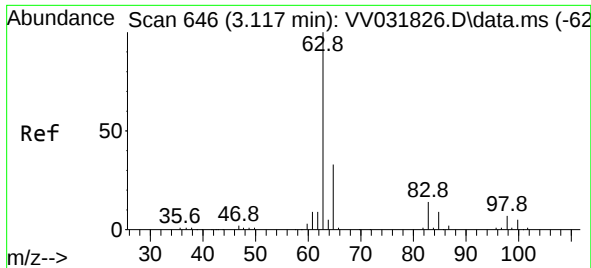
Ion Ratio Lower Upper

96 100

61 150.6 98.8 183.4

98 66.1 45.8 85.2

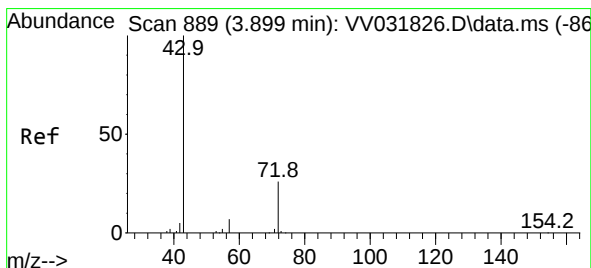
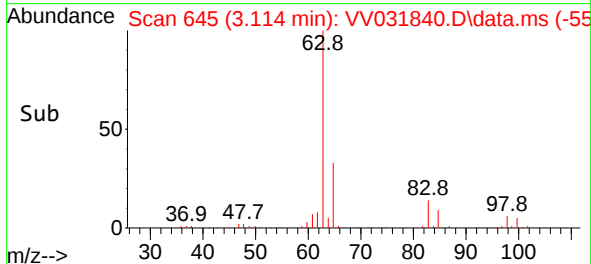
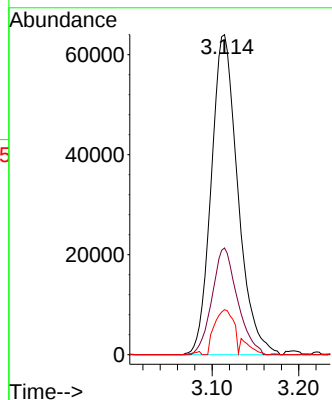
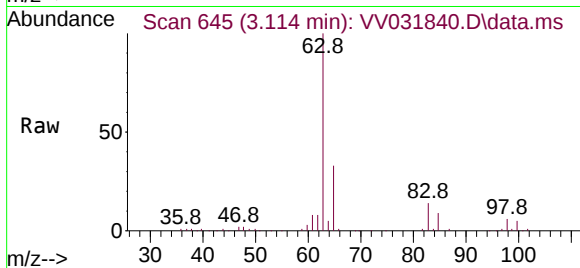




#19
1,1-Dichloroethane
Concen: 5.058 ug/L
RT: 3.114 min Scan# 64
Delta R.T. -0.003 min
Lab File: VV031840.D
Acq: 18 Aug 2023 10:57

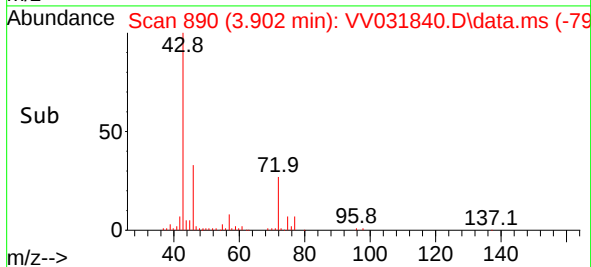
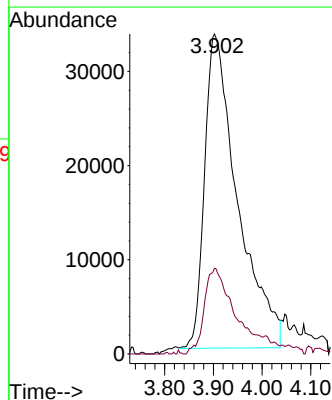
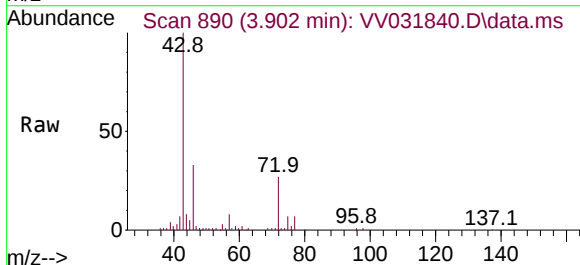
Instrument :
MSVOA_V
ClientSampleId :

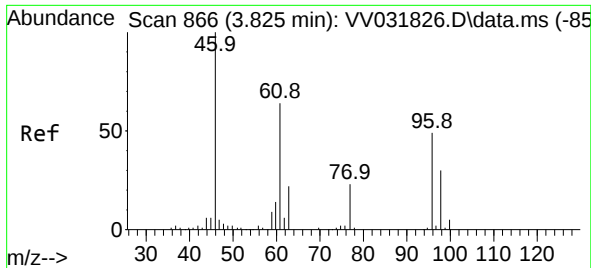
Tgt Ion: 63 Resp: 136519
Ion Ratio Lower Upper
63 100
65 32.3 22.3 41.5
83 13.4 9.4 17.6



#21
2-Butanone
Concen: 47.816 ug/L
RT: 3.902 min Scan# 890
Delta R.T. 0.003 min
Lab File: VV031840.D
Acq: 18 Aug 2023 10:57

Tgt Ion: 43 Resp: 156917
Ion Ratio Lower Upper
43 100
72 25.2 13.5 40.4

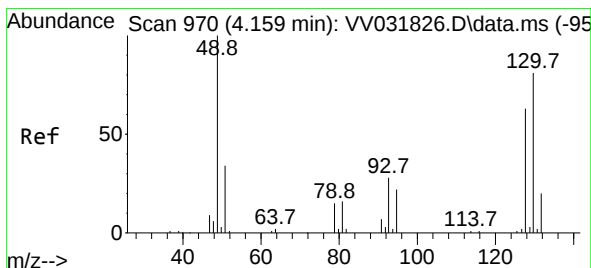
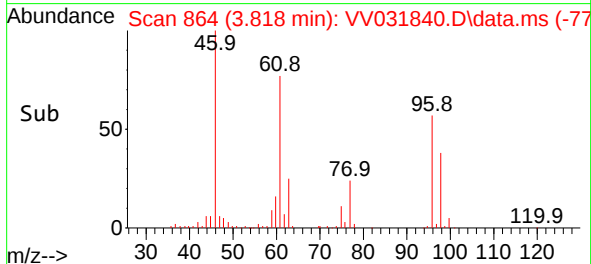
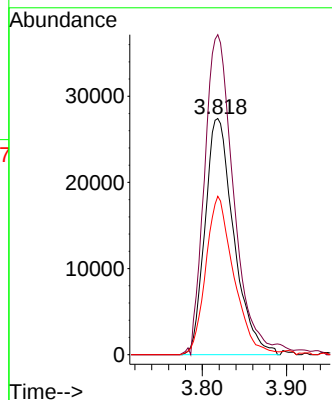
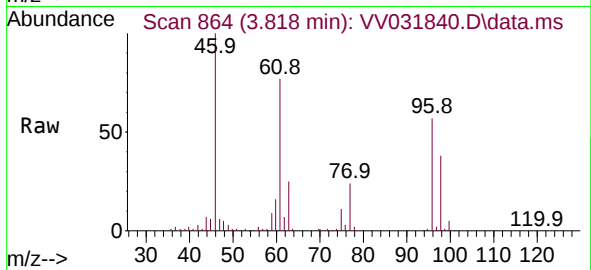




#22
 cis-1,2-Dichloroethene
 Concen: 4.981 ug/L
 RT: 3.818 min Scan# 80
 Delta R.T. -0.006 min
 Lab File: VV031840.D
 Acq: 18 Aug 2023 10:57

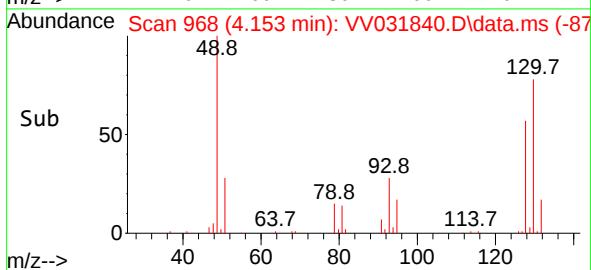
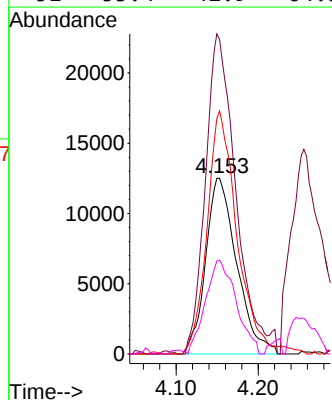
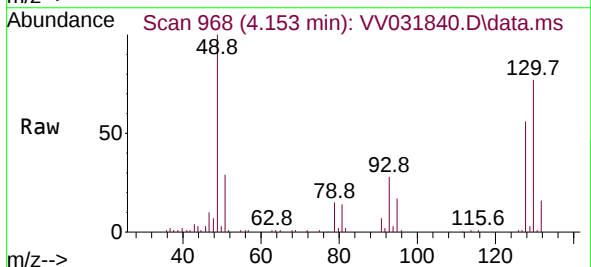
Instrument :
 MSVOA_V
 ClientSampleId :

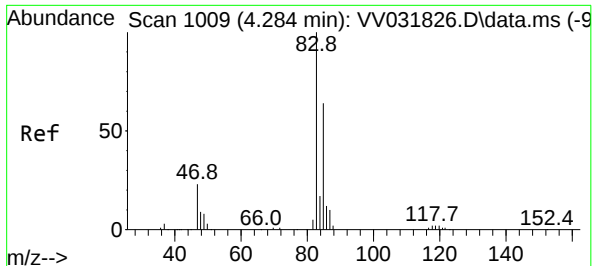
Tgt Ion: 96 Resp: 64968
 Ion Ratio Lower Upper
 96 100
 61 135.5 88.8 165.0
 98 68.4 42.1 78.3



#23
 Bromochloromethane
 Concen: 4.956 ug/L
 RT: 4.153 min Scan# 968
 Delta R.T. -0.006 min
 Lab File: VV031840.D
 Acq: 18 Aug 2023 10:57

Tgt Ion: 128 Resp: 32937
 Ion Ratio Lower Upper
 128 100
 49 184.4 115.7 214.9
 130 138.3 90.7 168.5
 51 53.4 42.9 64.3





#25

Chloroform

Concen: 4.913 ug/L

RT: 4.281 min Scan# 1009

Delta R.T. -0.003 min

Lab File: VV031840.D

Acq: 18 Aug 2023 10:57

Instrument :

MSVOA_V

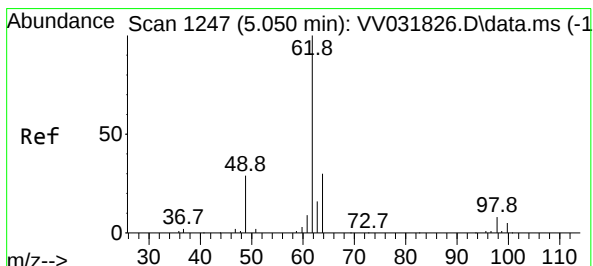
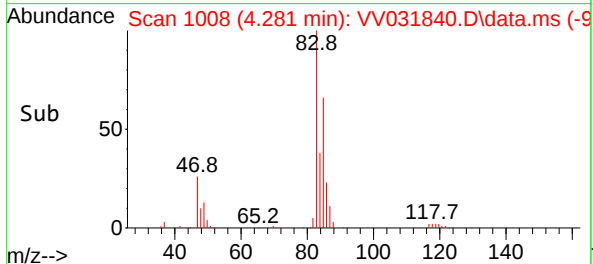
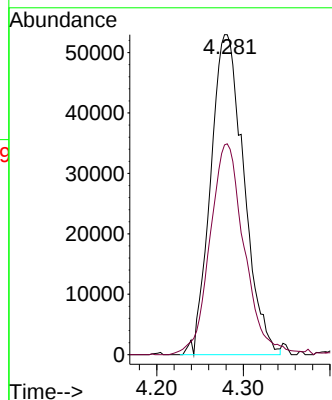
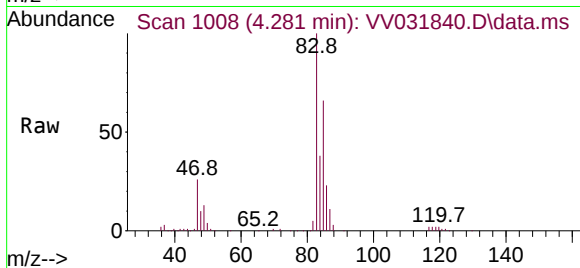
ClientSampleId :

Tgt Ion: 83 Resp: 141176

Ion Ratio Lower Upper

83 100

85 65.9 45.4 84.2



#27

1,2-Dichloroethane

Concen: 4.804 ug/L

RT: 5.047 min Scan# 1246

Delta R.T. -0.003 min

Lab File: VV031840.D

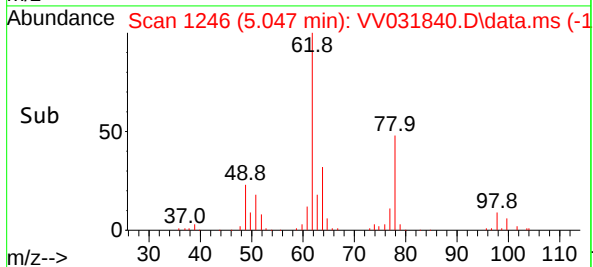
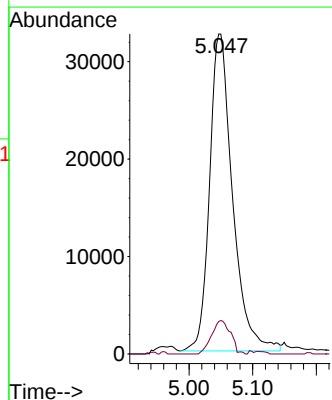
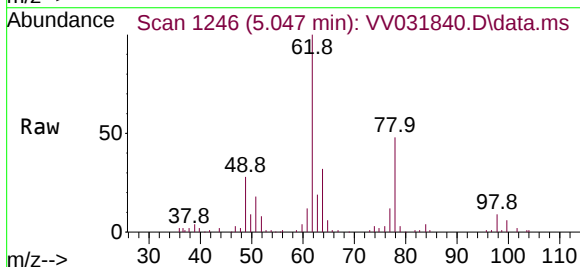
Acq: 18 Aug 2023 10:57

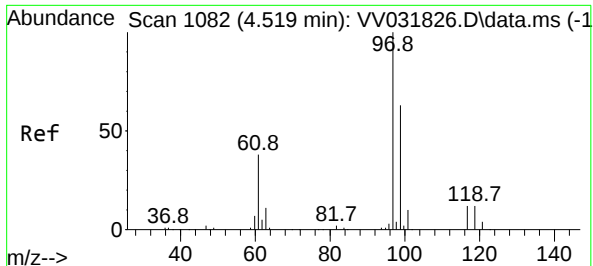
Tgt Ion: 62 Resp: 81699

Ion Ratio Lower Upper

62 100

98 10.2 7.4 11.0





#29

1,1,1-Trichloroethane

Concen: 4.864 ug/L

RT: 4.513 min Scan# 1103

Delta R.T. -0.006 min

Lab File: VV031840.D

Acq: 18 Aug 2023 10:57

Instrument :

MSVOA_V

ClientSampleId :

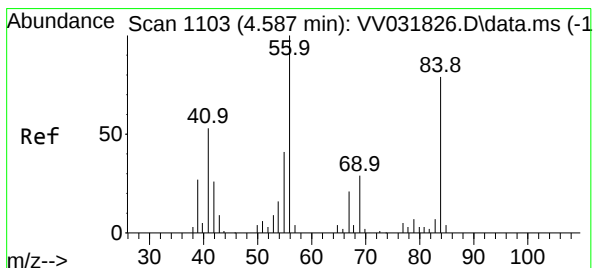
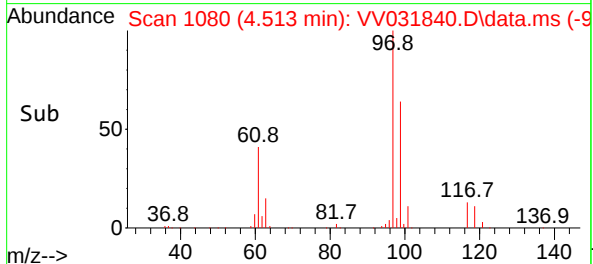
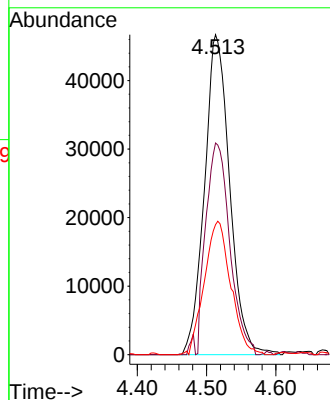
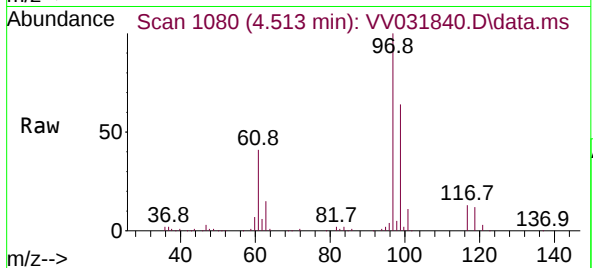
Tgt Ion: 97 Resp: 118151

Ion Ratio Lower Upper

97 100

99 63.0 50.4 75.6

61 43.6 30.6 46.0



#30

Cyclohexane

Concen: 5.173 ug/L

RT: 4.587 min Scan# 1103

Delta R.T. 0.000 min

Lab File: VV031840.D

Acq: 18 Aug 2023 10:57

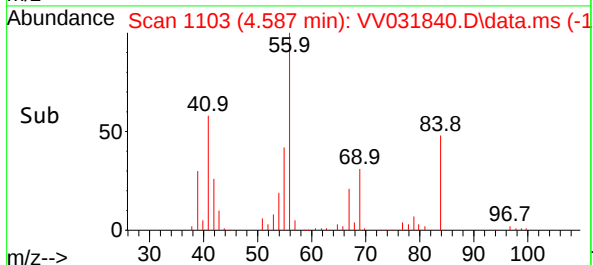
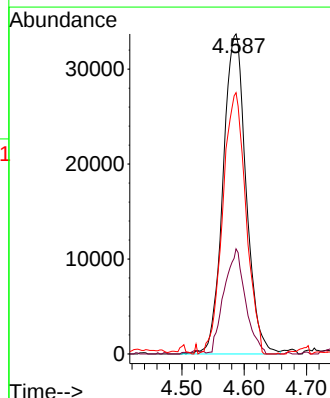
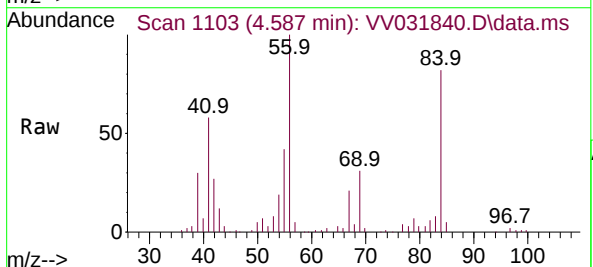
Tgt Ion: 56 Resp: 86429

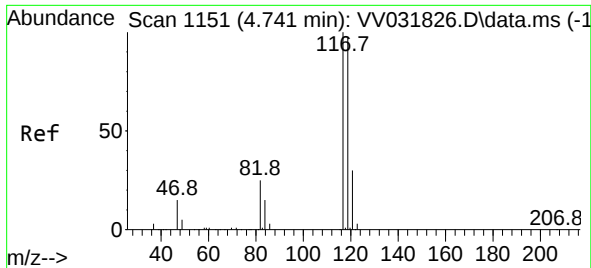
Ion Ratio Lower Upper

56 100

69 30.4 21.9 32.9

84 82.0 66.2 99.2

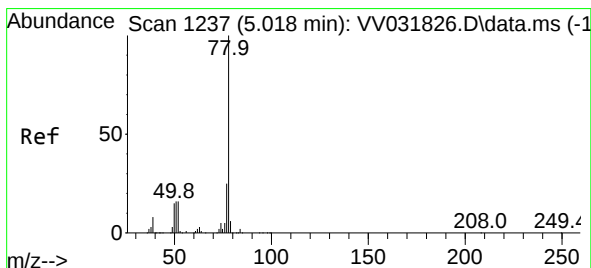
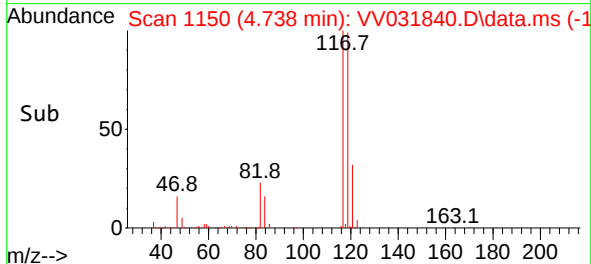
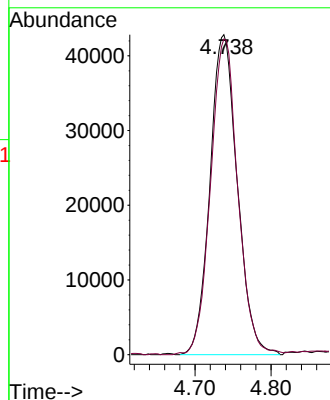
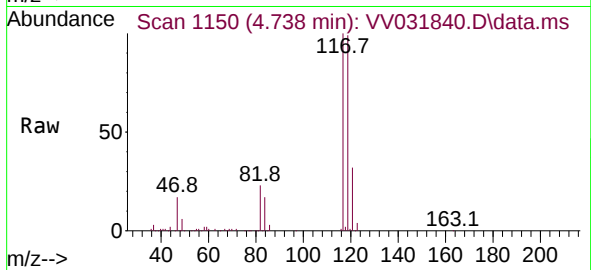




#31
Carbon tetrachloride
Concen: 4.981 ug/L
RT: 4.738 min Scan# 1150
Delta R.T. -0.003 min
Lab File: VV031840.D
Acq: 18 Aug 2023 10:57

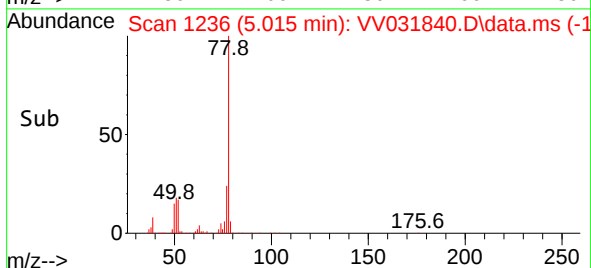
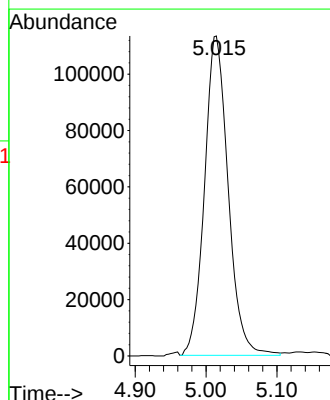
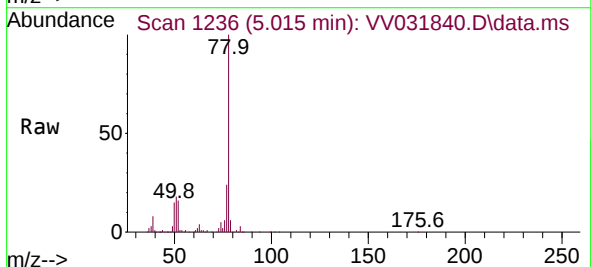
Instrument :
MSVOA_V
ClientSampleId :

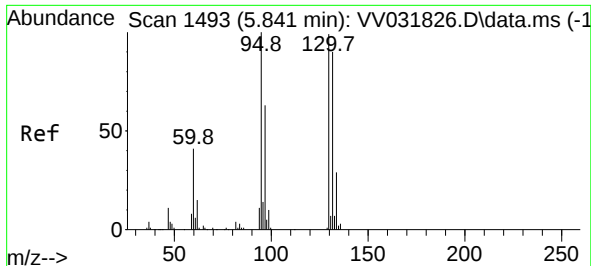
Tgt Ion:117 Resp: 107092
Ion Ratio Lower Upper
117 100
119 98.2 77.9 116.9



#33
Benzene
Concen: 5.150 ug/L
RT: 5.015 min Scan# 1236
Delta R.T. -0.003 min
Lab File: VV031840.D
Acq: 18 Aug 2023 10:57

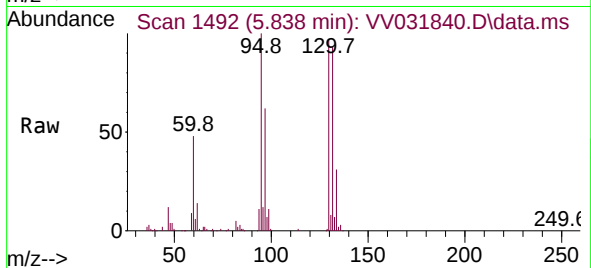
Tgt Ion: 78 Resp: 263164



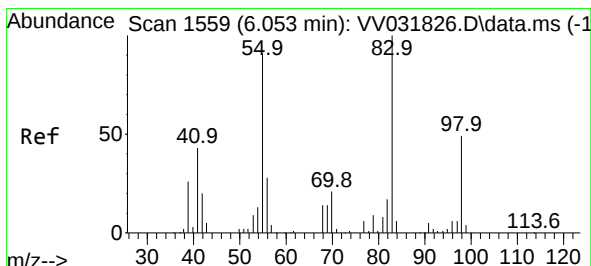
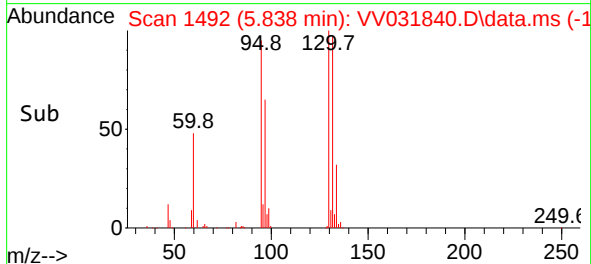
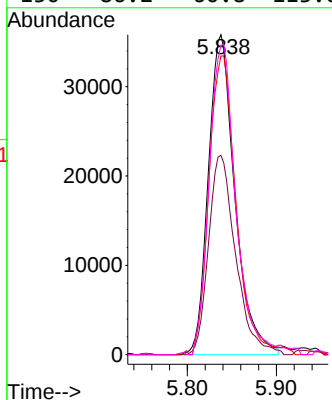


#34
Trichloroethene
Concen: 5.102 ug/L
RT: 5.838 min Scan# 1492
Delta R.T. -0.003 min
Lab File: VV031840.D
Acq: 18 Aug 2023 10:57

Instrument :
MSVOA_V
ClientSampleId :

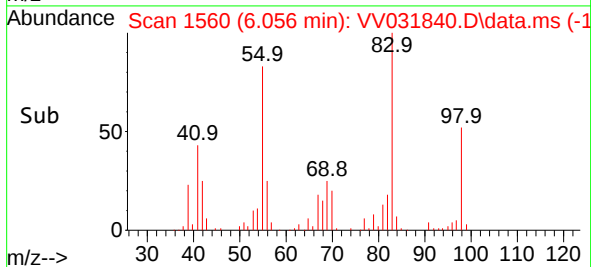
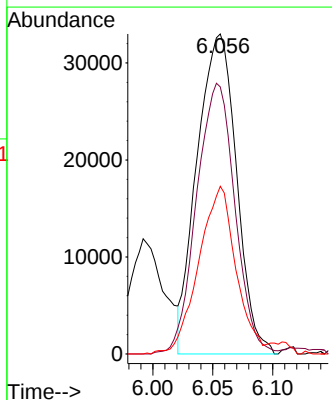
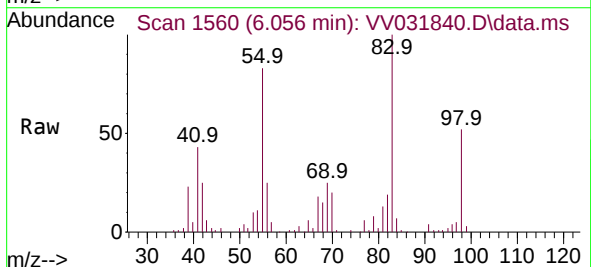


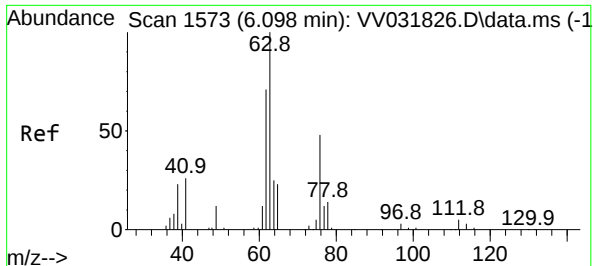
Tgt Ion:	95	Resp:	74392
Ion	Ratio	Lower	Upper
95	100		
97	55.6	39.0	72.4
132	83.3	55.4	103.0
130	86.2	60.8	113.0



#35
Methylcyclohexane
Concen: 4.584 ug/L
RT: 6.056 min Scan# 1560
Delta R.T. 0.003 min
Lab File: VV031840.D
Acq: 18 Aug 2023 10:57

Tgt Ion:	83	Resp:	75519
Ion	Ratio	Lower	Upper
83	100		
55	82.2	69.1	103.7
98	49.5	38.5	57.7

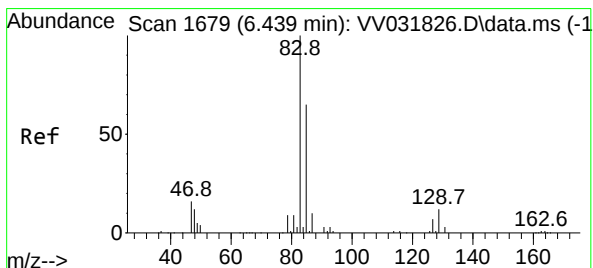
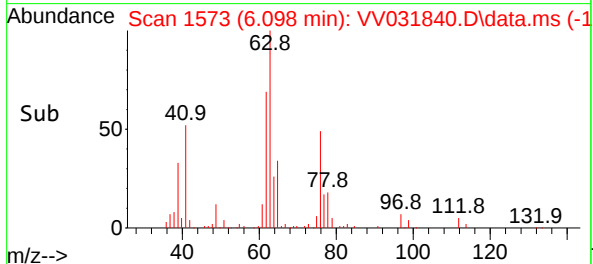
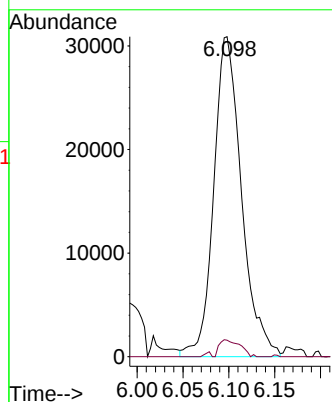
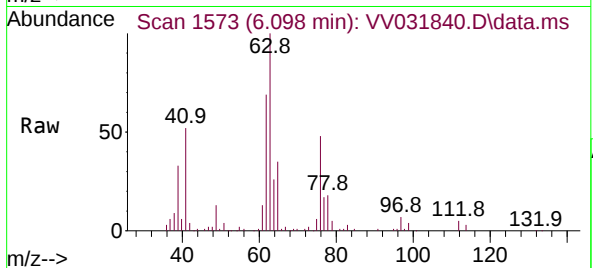




#37
1,2-Dichloropropane
Concen: 4.446 ug/L
RT: 6.098 min Scan# 11
Delta R.T. 0.000 min
Lab File: VV031840.D
Acq: 18 Aug 2023 10:57

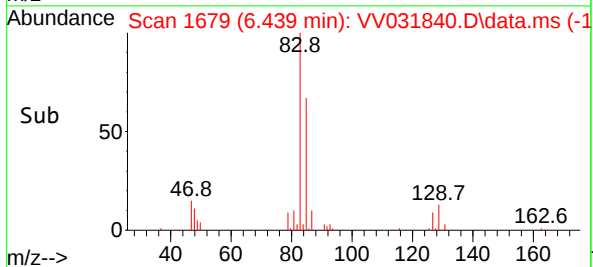
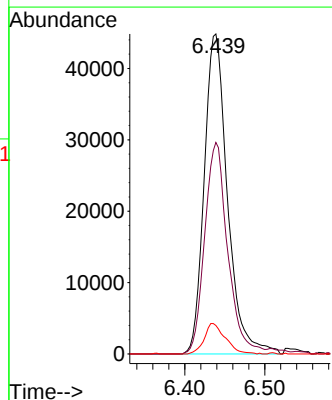
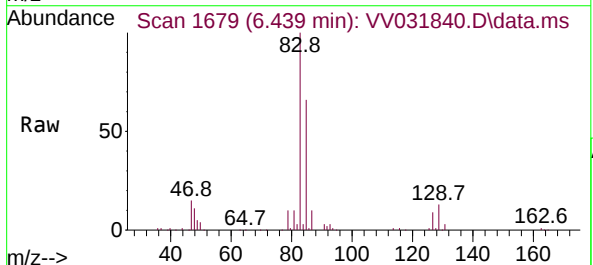
Instrument :
MSVOA_V
ClientSampleId :

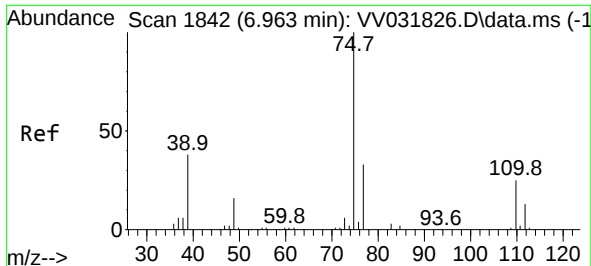
Tgt Ion: 63 Resp: 65025
Ion Ratio Lower Upper
63 100
112 4.0 3.4 5.0



#38
Bromodichloromethane
Concen: 4.743 ug/L
RT: 6.439 min Scan# 1679
Delta R.T. 0.000 min
Lab File: VV031840.D
Acq: 18 Aug 2023 10:57

Tgt Ion: 83 Resp: 90935
Ion Ratio Lower Upper
83 100
85 67.2 45.4 84.2
127 8.9 5.9 8.9





#39

cis-1,3-Dichloropropene

Concen: 4.811 ug/L

RT: 6.960 min Scan# 11

Delta R.T. -0.003 min

Lab File: VV031840.D

Acq: 18 Aug 2023 10:57

Instrument :

MSVOA_V

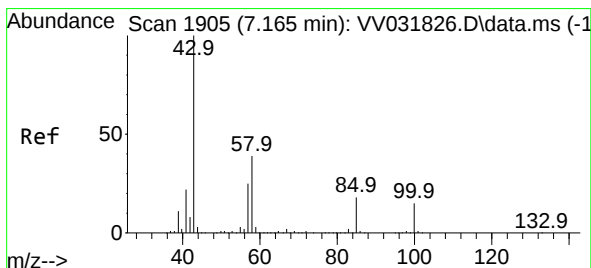
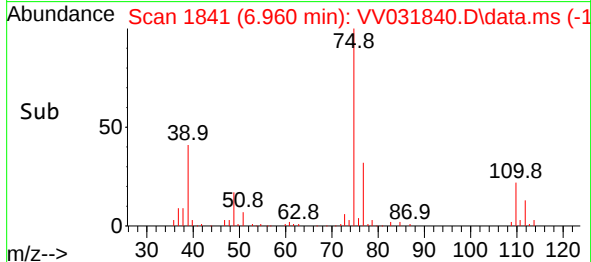
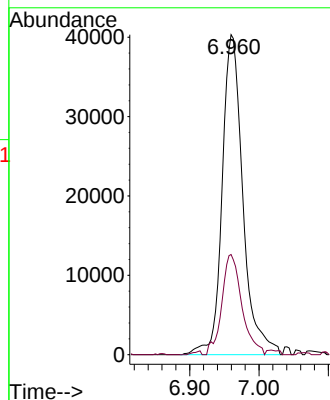
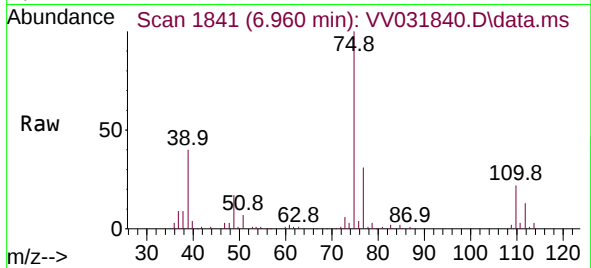
ClientSampleId :

Tgt Ion: 75 Resp: 83915

Ion Ratio Lower Upper

75 100

77 31.3 23.4 43.4



#40

4-Methyl-2-pentanone

Concen: 47.036 ug/L

RT: 7.166 min Scan# 1905

Delta R.T. 0.000 min

Lab File: VV031840.D

Acq: 18 Aug 2023 10:57

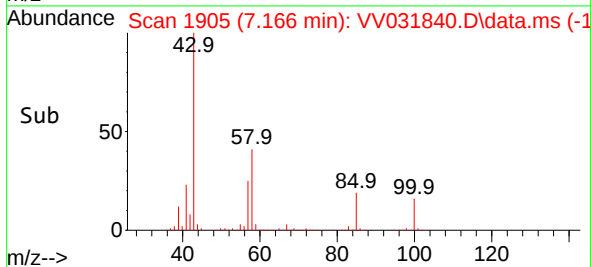
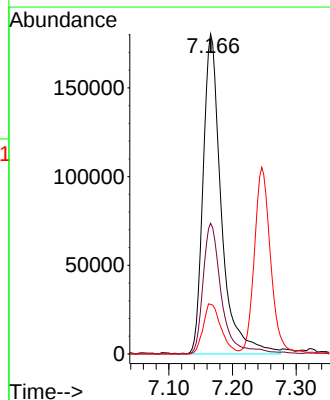
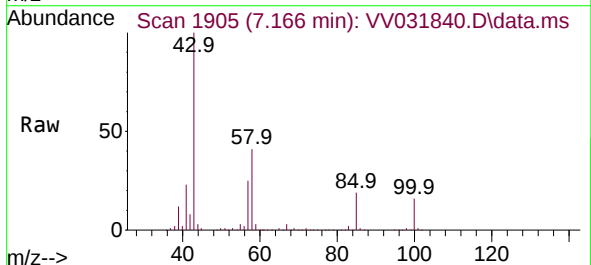
Tgt Ion: 43 Resp: 359561

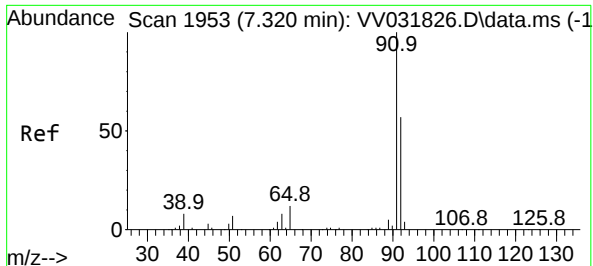
Ion Ratio Lower Upper

43 100

58 41.3 31.4 47.2

100 15.4 11.2 16.8





#42

Toluene

Concen: 5.016 ug/L

RT: 7.320 min Scan# 1953

Delta R.T. 0.000 min

Lab File: VV031840.D

Acq: 18 Aug 2023 10:57

Instrument :

MSVOA_V

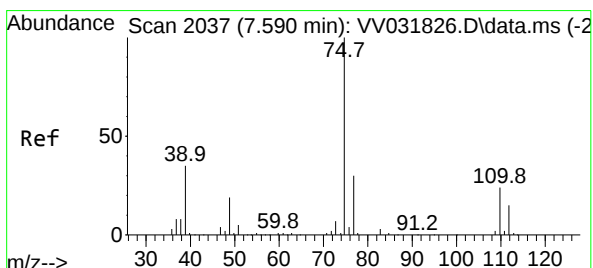
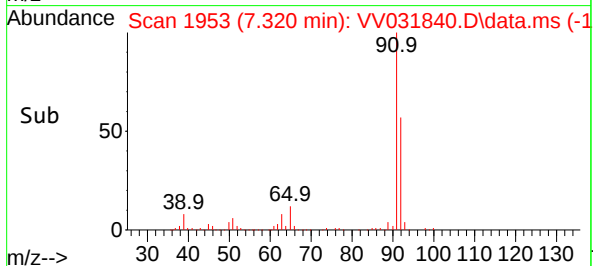
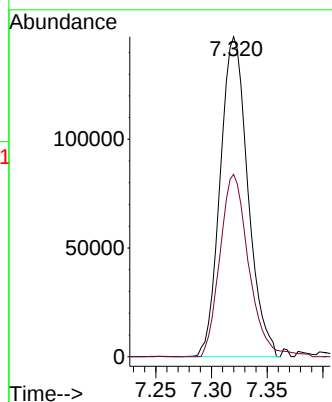
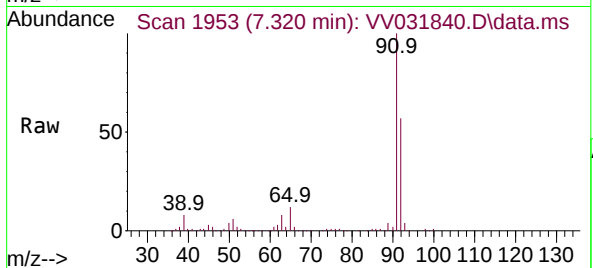
ClientSampleId :

Tgt Ion: 91 Resp: 254282

Ion Ratio Lower Upper

91 100

92 57.0 39.8 74.0



#44

trans-1,3-Dichloropropene

Concen: 4.369 ug/L

RT: 7.587 min Scan# 2036

Delta R.T. -0.003 min

Lab File: VV031840.D

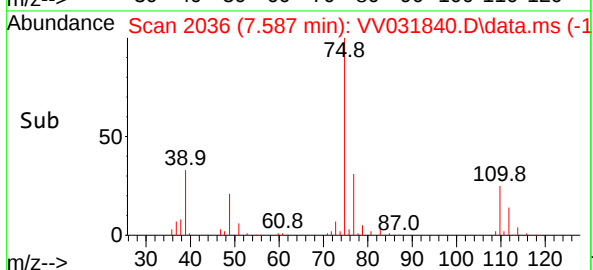
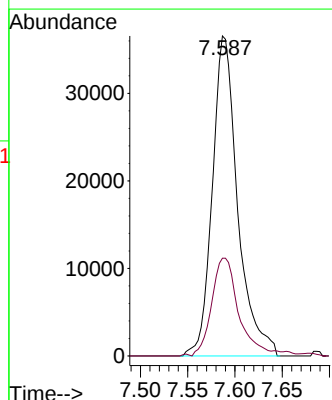
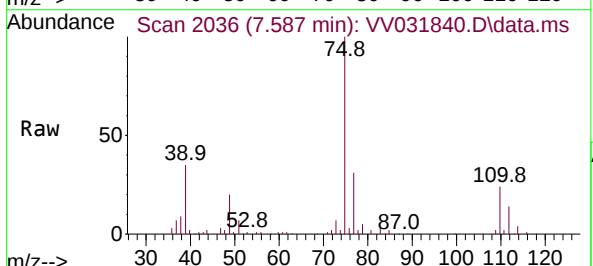
Acq: 18 Aug 2023 10:57

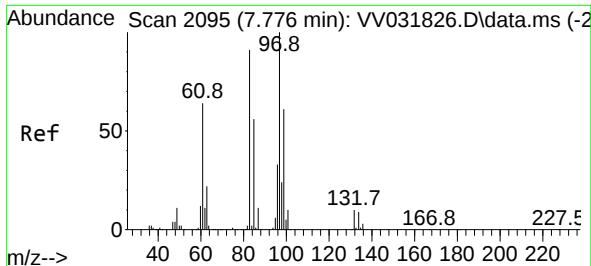
Tgt Ion: 75 Resp: 68113

Ion Ratio Lower Upper

75 100

77 30.6 22.4 41.6





#45

1,1,2-Trichloroethane

Concen: 4.107 ug/L

RT: 7.773 min Scan# 2095

Delta R.T. -0.003 min

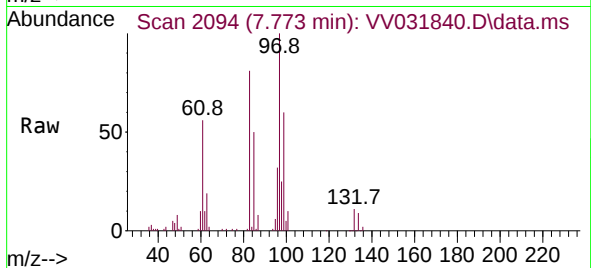
Lab File: VV031840.D

Acq: 18 Aug 2023 10:57

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion: 97 Resp: 45477

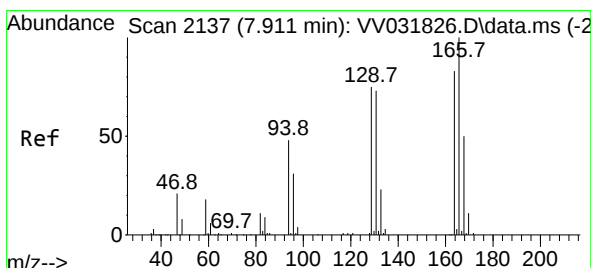
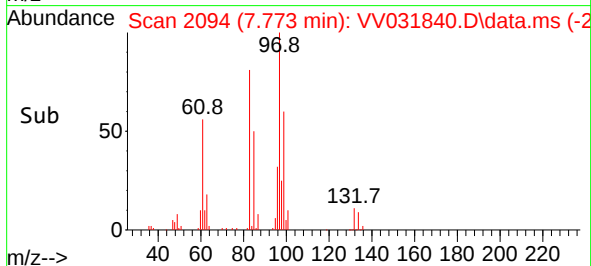
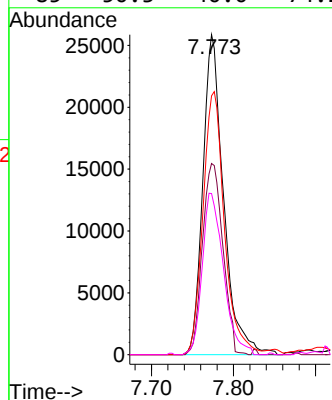
Ion Ratio Lower Upper

97 100

99 59.8 43.0 79.8

83 80.9 63.8 118.4

85 50.3 40.0 74.2



#47

Tetrachloroethene

Concen: 4.643 ug/L

RT: 7.908 min Scan# 2136

Delta R.T. -0.003 min

Lab File: VV031840.D

Acq: 18 Aug 2023 10:57

Tgt Ion: 164 Resp: 49775

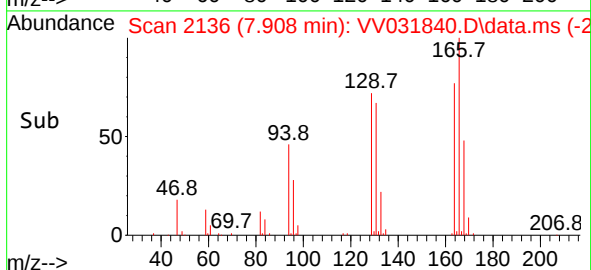
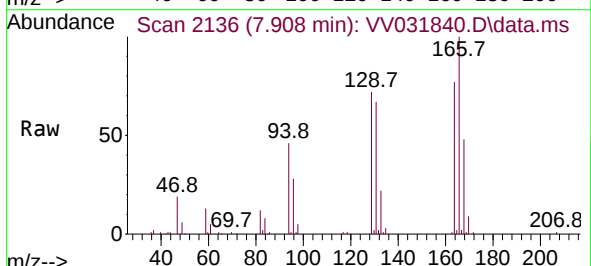
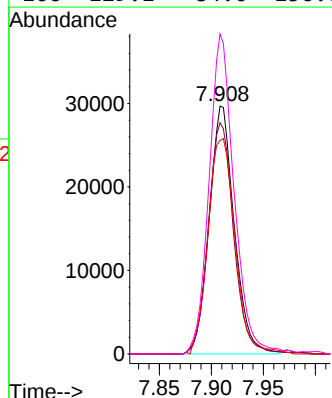
Ion Ratio Lower Upper

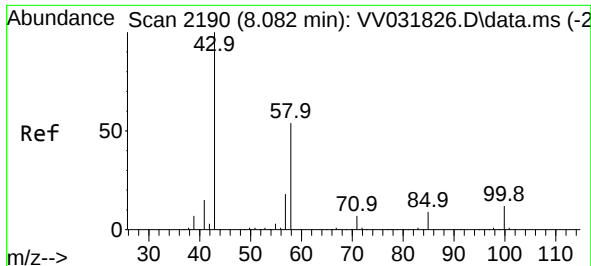
164 100

129 93.3 62.9 116.7

131 86.1 61.2 113.8

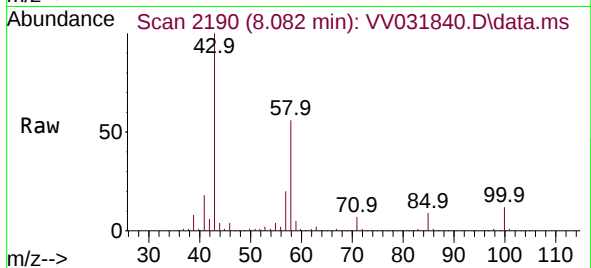
166 129.1 84.0 156.0





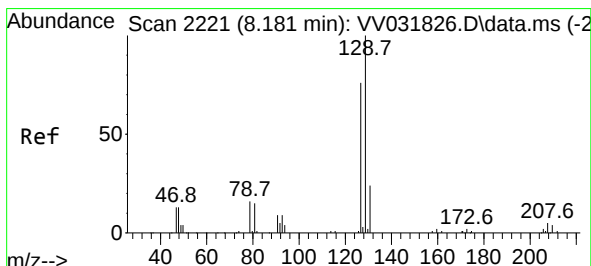
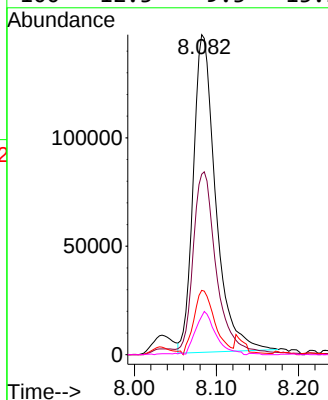
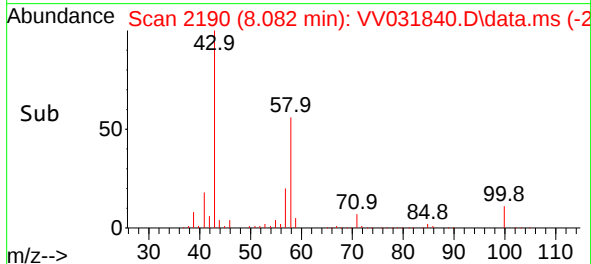
#48
2-Hexanone
Concen: 46.044 ug/L
RT: 8.082 min Scan# 2190
Delta R.T. 0.000 min
Lab File: VV031840.D
Acq: 18 Aug 2023 10:57

Instrument :
MSVOA_V
ClientSampleId :

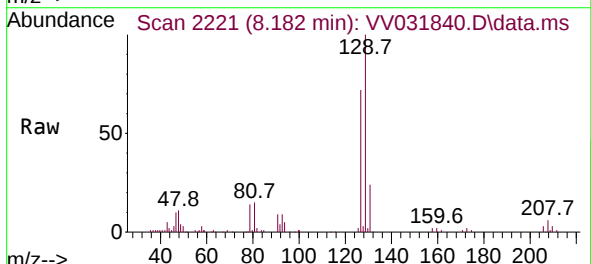


Tgt Ion: 43 Resp: 277750

Ion	Ratio	Lower	Upper
43	100		
58	59.3	44.4	66.6
57	19.0	15.0	22.6
100	12.3	9.3	13.9

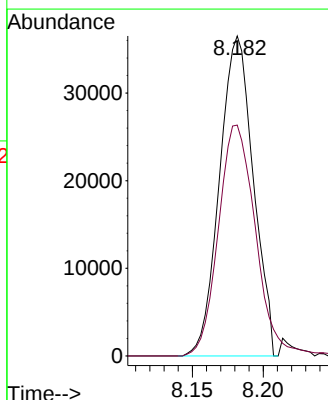
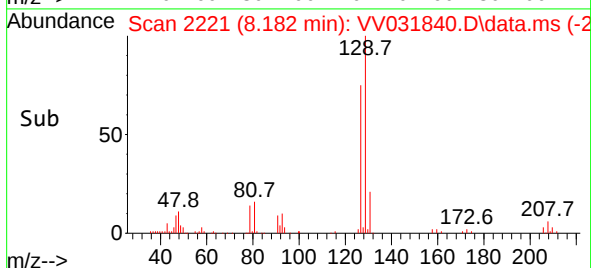


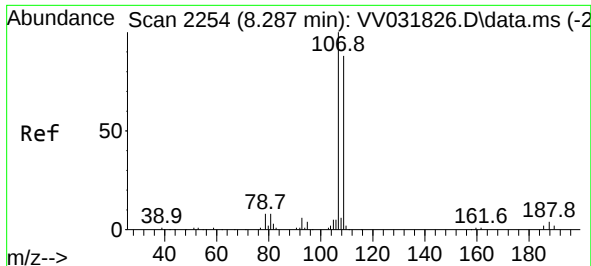
#49
Dibromochloromethane
Concen: 4.842 ug/L
RT: 8.182 min Scan# 2221
Delta R.T. 0.000 min
Lab File: VV031840.D
Acq: 18 Aug 2023 10:57



Tgt Ion: 129 Resp: 60547

Ion	Ratio	Lower	Upper
129	100		
127	72.2	55.6	103.2

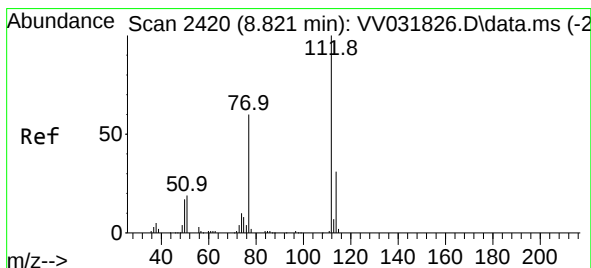
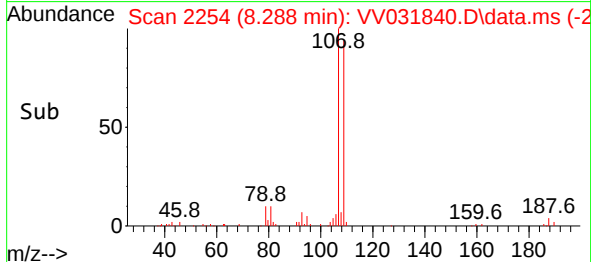
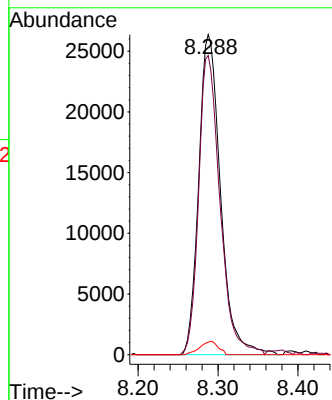
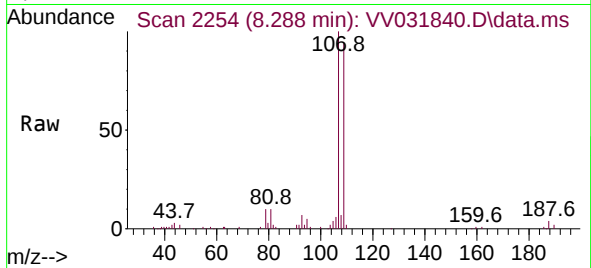




#50
 1,2-Dibromoethane
 Concen: 4.911 ug/L
 RT: 8.288 min Scan# 2119
 Delta R.T. 0.000 min
 Lab File: VV031840.D
 Acq: 18 Aug 2023 10:57

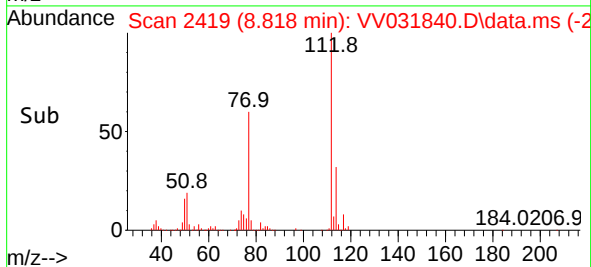
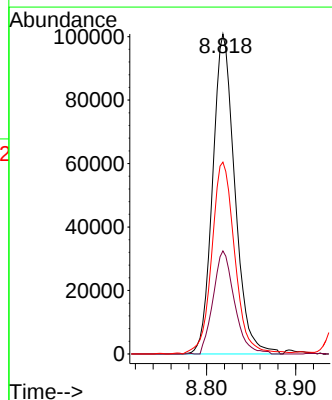
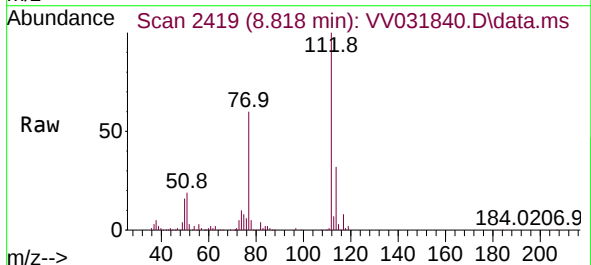
Instrument :
 MSVOA_V
 ClientSampleId :

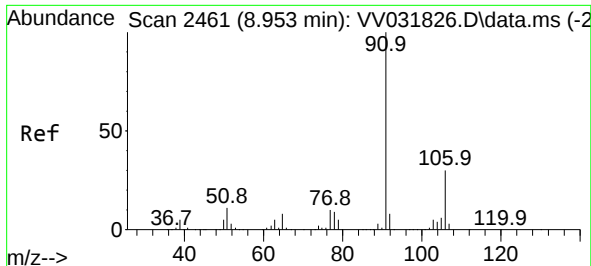
Tgt Ion:	107	Resp:	50070
Ion	Ratio	Lower	Upper
107	100		
109	93.5	63.6	118.0
188	3.9	3.2	4.8



#51
 Chlorobenzene
 Concen: 5.035 ug/L
 RT: 8.818 min Scan# 2419
 Delta R.T. -0.003 min
 Lab File: VV031840.D
 Acq: 18 Aug 2023 10:57

Tgt Ion:	112	Resp:	174590
Ion	Ratio	Lower	Upper
112	100		
114	30.2	20.5	38.1
77	56.2	45.0	67.6





#52

Ethylbenzene

Concen: 5.208 ug/L

RT: 8.950 min Scan# 2461

Delta R.T. -0.003 min

Lab File: VV031840.D

Acq: 18 Aug 2023 10:57

Instrument :

MSVOA_V

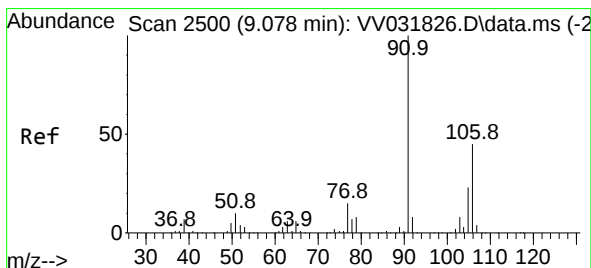
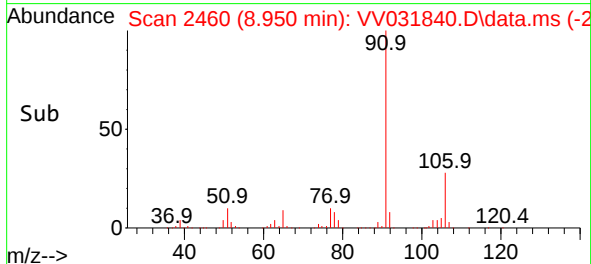
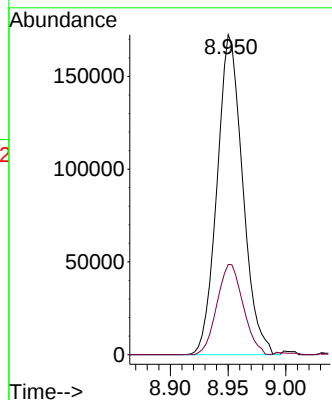
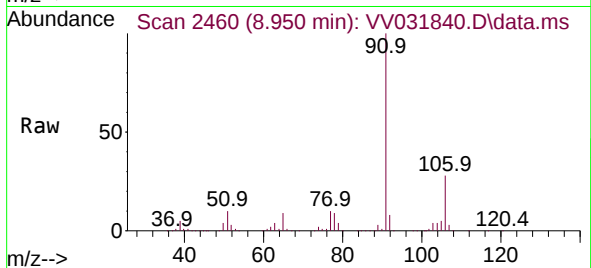
ClientSampleId :

Tgt Ion: 91 Resp: 265856

Ion Ratio Lower Upper

91 100

106 28.2 20.9 38.7



#53

m,p-Xylene

Concen: 5.471 ug/L

RT: 9.079 min Scan# 2500

Delta R.T. 0.000 min

Lab File: VV031840.D

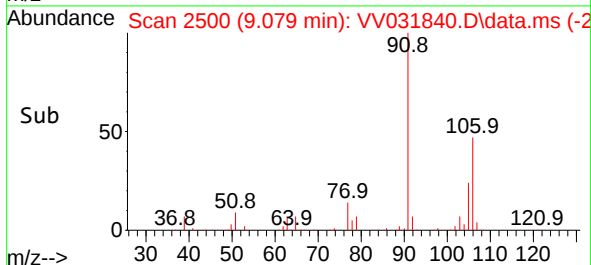
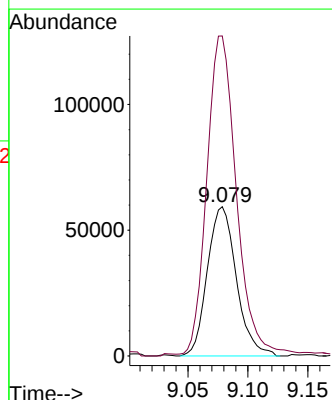
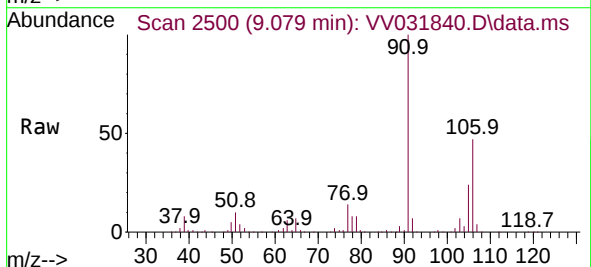
Acq: 18 Aug 2023 10:57

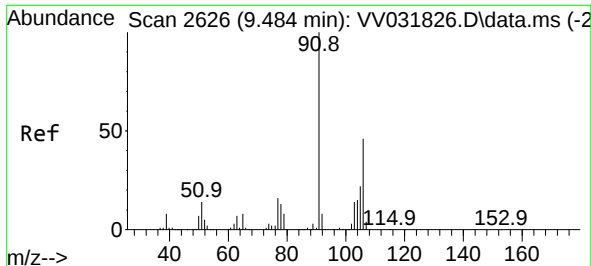
Tgt Ion:106 Resp: 99940

Ion Ratio Lower Upper

106 100

91 214.4 155.7 289.1

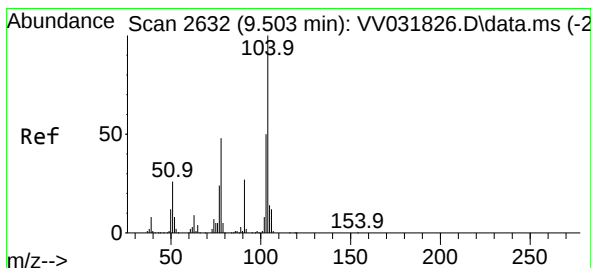
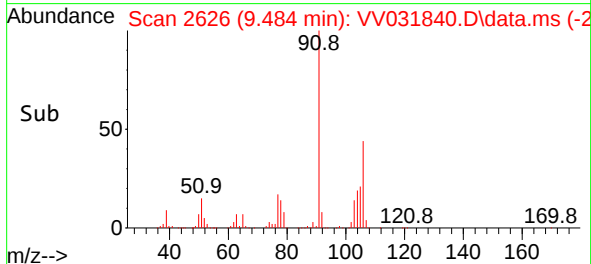
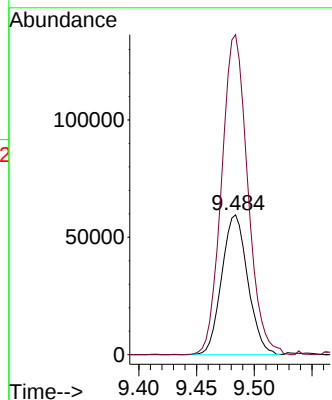
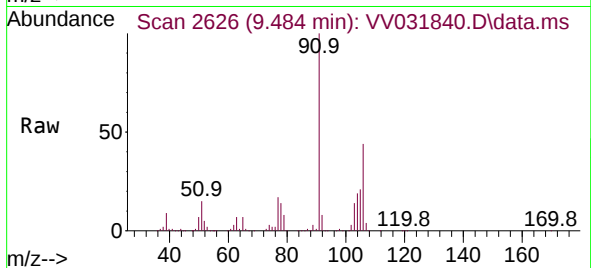




#54
o-Xylene
Concen: 5.380 ug/L
RT: 9.484 min Scan# 2626
Delta R.T. 0.000 min
Lab File: VV031840.D
Acq: 18 Aug 2023 10:57

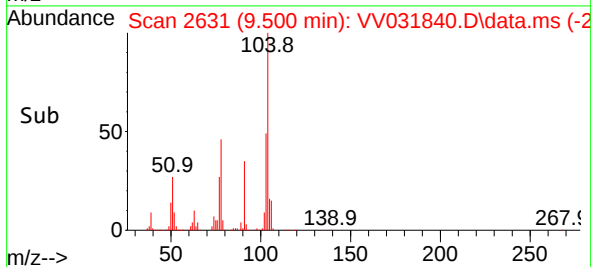
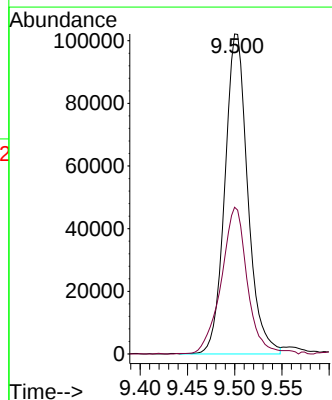
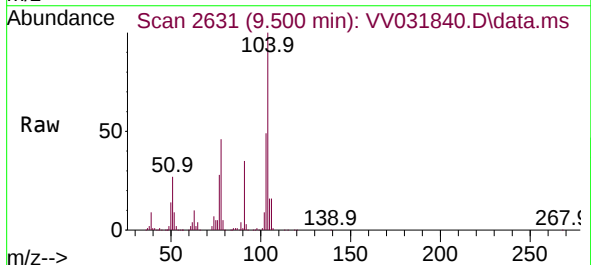
Instrument :
MSVOA_V
ClientSampleId :

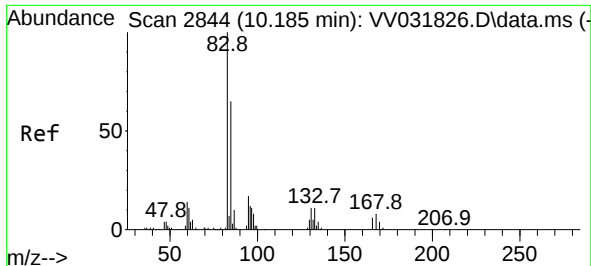
Tgt Ion:106 Resp: 93538
Ion Ratio Lower Upper
106 100
91 228.8 154.0 286.0



#55
Styrene
Concen: 5.426 ug/L
RT: 9.500 min Scan# 2631
Delta R.T. -0.003 min
Lab File: VV031840.D
Acq: 18 Aug 2023 10:57

Tgt Ion:104 Resp: 172086
Ion Ratio Lower Upper
104 100
78 45.8 33.9 63.0





#57

1,1,2,2-Tetrachloroethane

Concen: 5.097 ug/L

RT: 10.182 min Scan# 2843

Delta R.T. -0.003 min

Lab File: VV031840.D

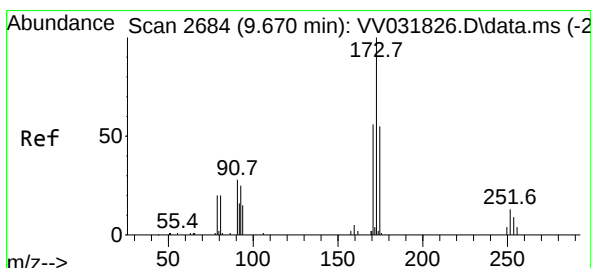
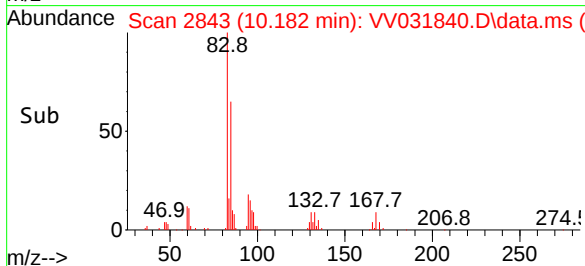
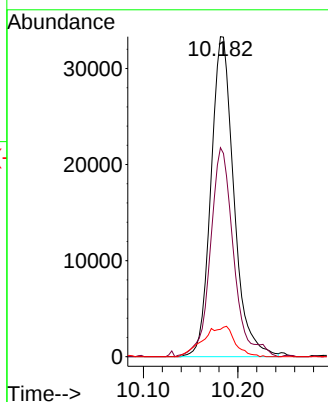
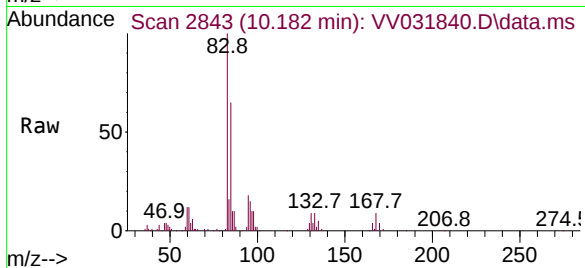
Acq: 18 Aug 2023 10:57

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion:	83	Resp:	56215
Ion Ratio	Lower	Upper	
83	100		
85	75.5	45.4	84.4
131	8.6	8.7	13.1



#59

Bromoform

Concen: 4.928 ug/L

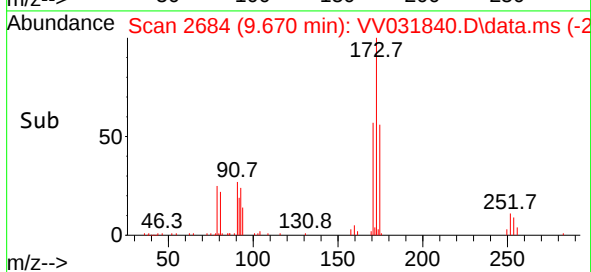
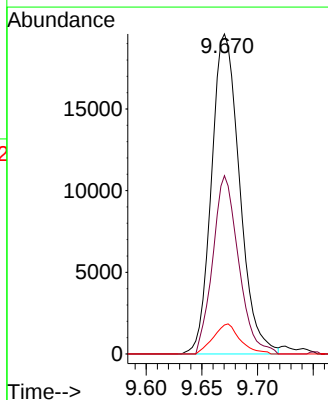
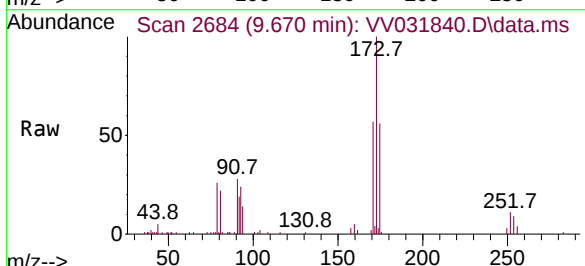
RT: 9.670 min Scan# 2684

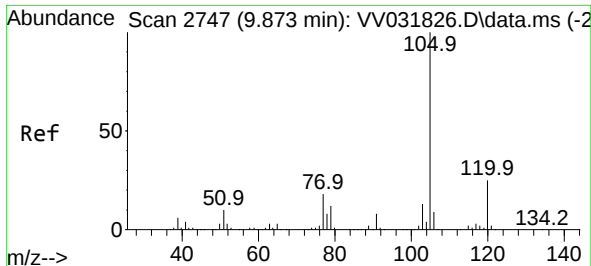
Delta R.T. 0.000 min

Lab File: VV031840.D

Acq: 18 Aug 2023 10:57

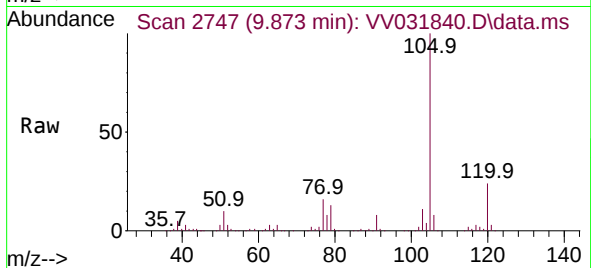
Tgt Ion:	173	Resp:	34365
Ion Ratio	Lower	Upper	
173	100		
175	51.1	40.4	60.6
254	8.9	7.6	11.4



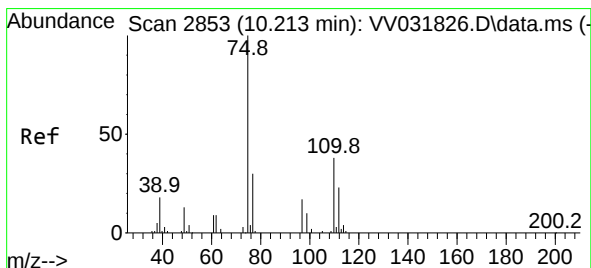
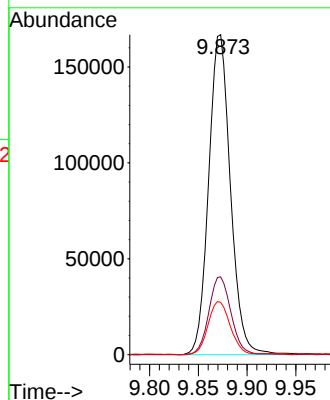
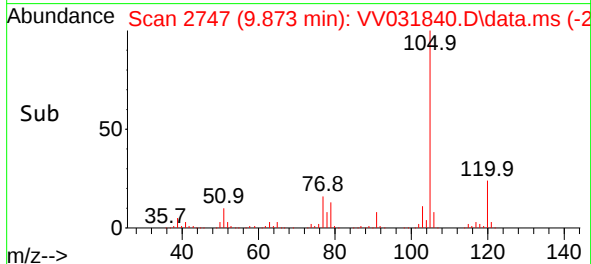


#60
Isopropylbenzene
Concen: 5.397 ug/L
RT: 9.873 min Scan# 21
Delta R.T. 0.000 min
Lab File: VV031840.D
Acq: 18 Aug 2023 10:57

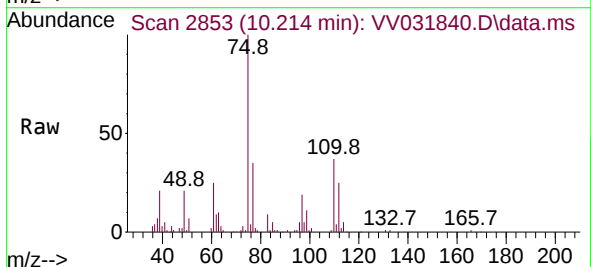
Instrument :
MSVOA_V
ClientSampleId :



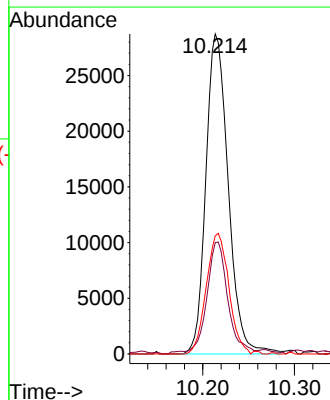
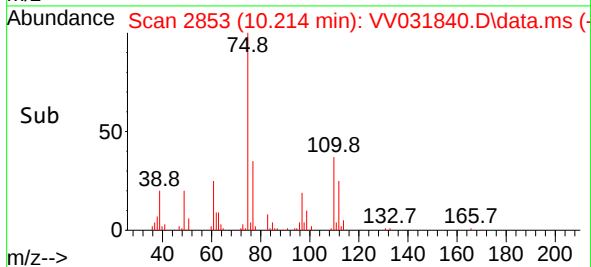
Tgt Ion:105 Resp: 259307
Ion Ratio Lower Upper
105 100
120 24.8 20.6 30.8
77 17.0 14.2 21.2

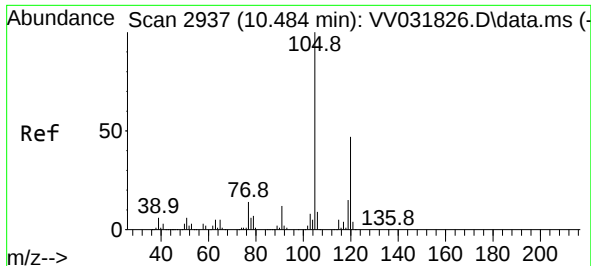


#61
1,2,3-Trichloropropane
Concen: 4.966 ug/L
RT: 10.214 min Scan# 2853
Delta R.T. 0.000 min
Lab File: VV031840.D
Acq: 18 Aug 2023 10:57



Tgt Ion: 75 Resp: 48763
Ion Ratio Lower Upper
75 100
77 33.2 26.6 40.0
110 37.9 32.0 48.0





#62

1,3,5-Trimethylbenzene

Concen: 5.027 ug/L

RT: 10.481 min Scan# 2937

Delta R.T. -0.003 min

Lab File: VV031840.D

Acq: 18 Aug 2023 10:57

Instrument :

MSVOA_V

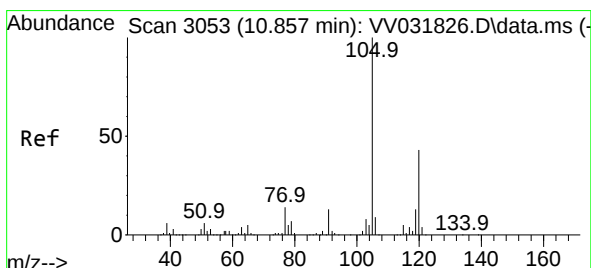
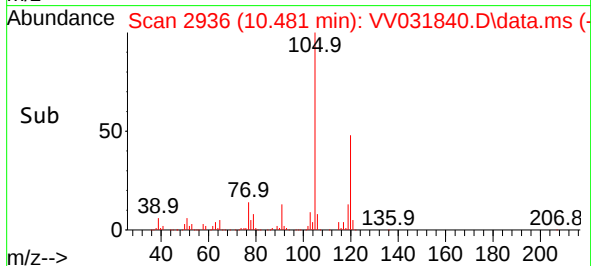
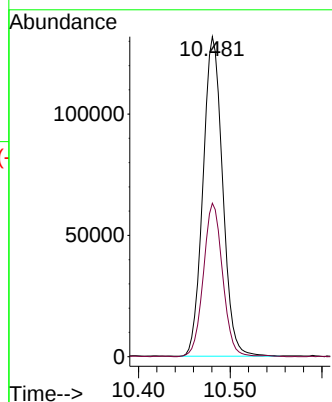
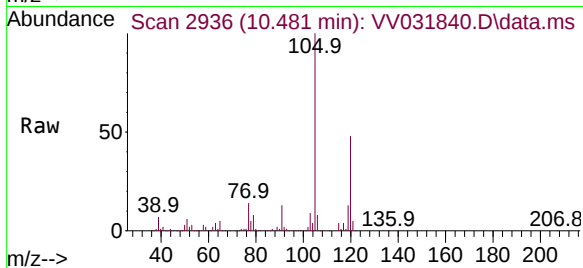
ClientSampleId :

Tgt Ion:105 Resp: 196183

Ion Ratio Lower Upper

105 100

120 47.0 37.5 56.3



#63

1,2,4-Trimethylbenzene

Concen: 5.086 ug/L

RT: 10.857 min Scan# 3053

Delta R.T. 0.000 min

Lab File: VV031840.D

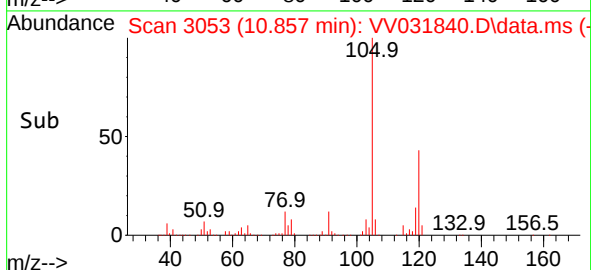
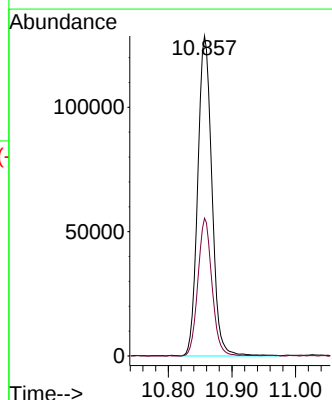
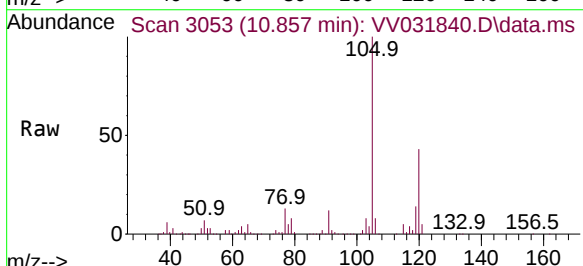
Acq: 18 Aug 2023 10:57

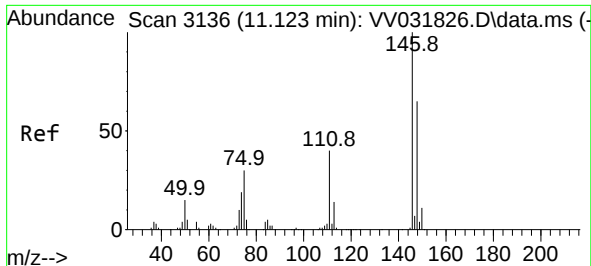
Tgt Ion:105 Resp: 198888

Ion Ratio Lower Upper

105 100

120 42.8 34.5 51.7

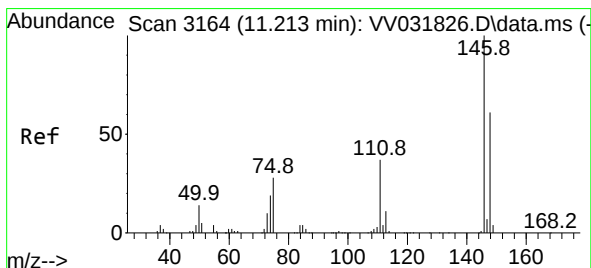
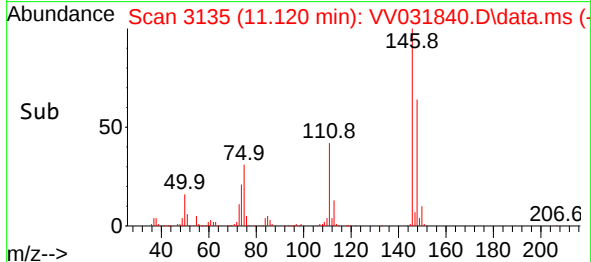
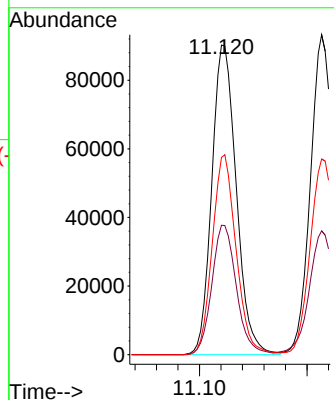
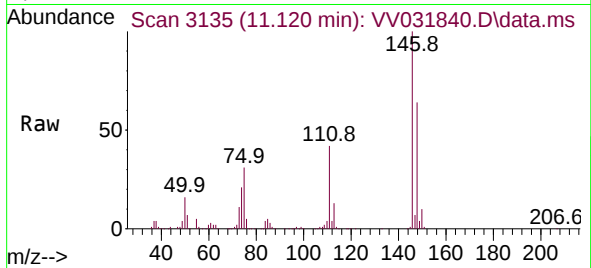




#64
1,3-Dichlorobenzene
Concen: 5.123 ug/L
RT: 11.120 min Scan# 3135
Delta R.T. -0.003 min
Lab File: VV031840.D
Acq: 18 Aug 2023 10:57

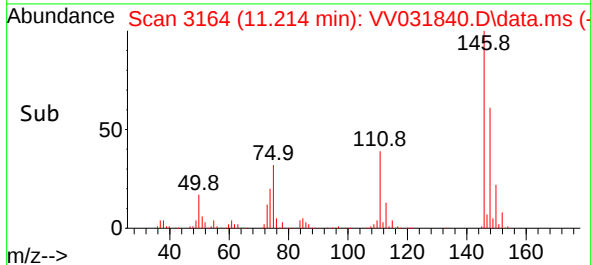
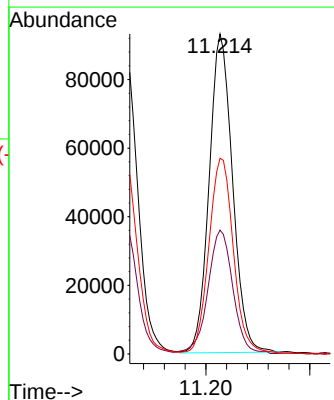
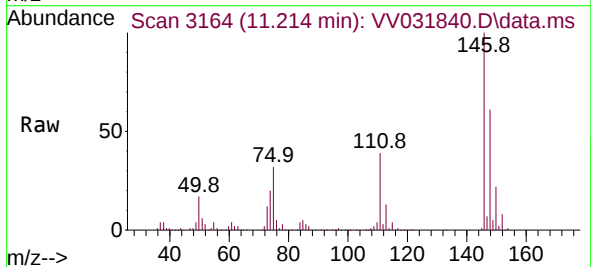
Instrument :
MSVOA_V
ClientSampleId :

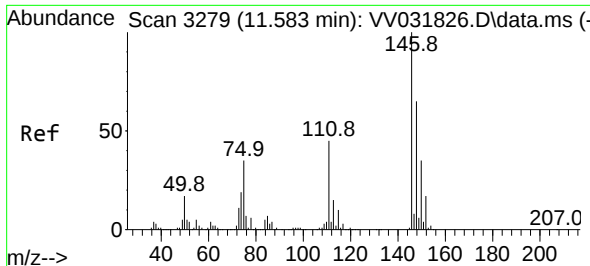
Tgt Ion:146 Resp: 142881
Ion Ratio Lower Upper
146 100
111 41.8 28.2 52.4
148 63.7 45.6 84.6



#65
1,4-Dichlorobenzene
Concen: 5.145 ug/L
RT: 11.214 min Scan# 3164
Delta R.T. 0.000 min
Lab File: VV031840.D
Acq: 18 Aug 2023 10:57

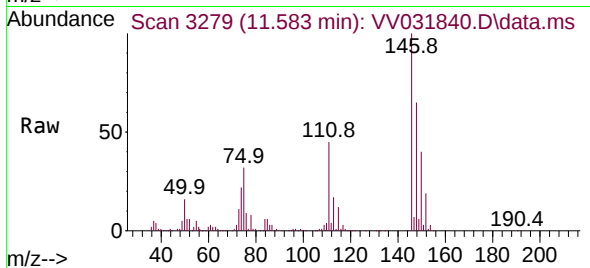
Tgt Ion:146 Resp: 145297
Ion Ratio Lower Upper
146 100
111 38.7 26.2 48.8
148 61.2 43.0 80.0



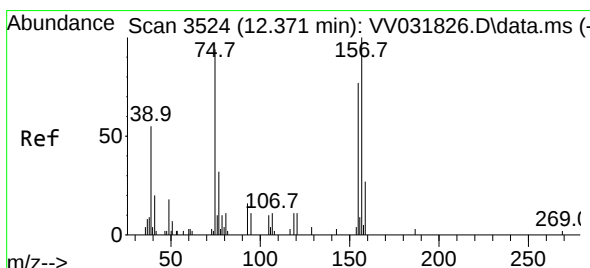
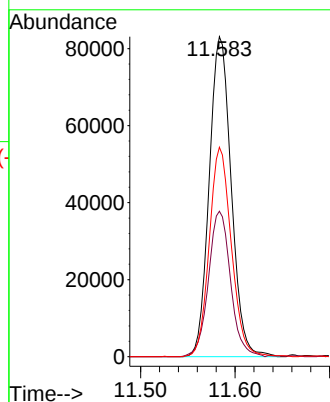
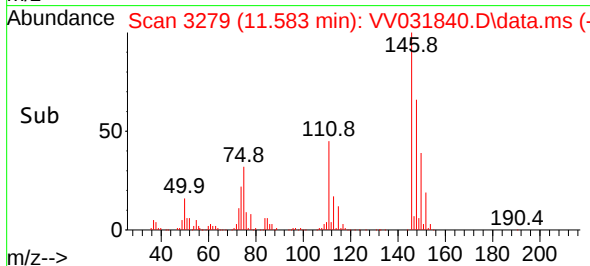


#67
1,2-Dichlorobenzene
Concen: 5.056 ug/L
RT: 11.583 min Scan# 31
Delta R.T. 0.000 min
Lab File: VV031840.D
Acq: 18 Aug 2023 10:57

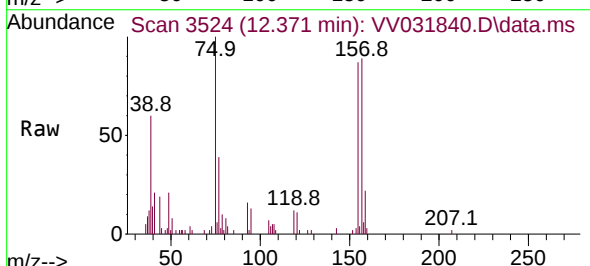
Instrument :
MSVOA_V
ClientSampleId :



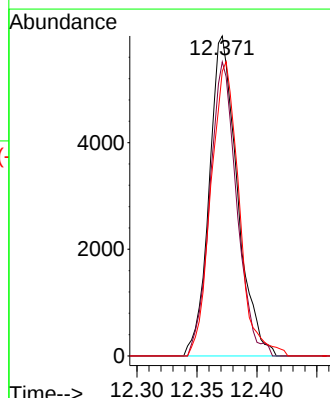
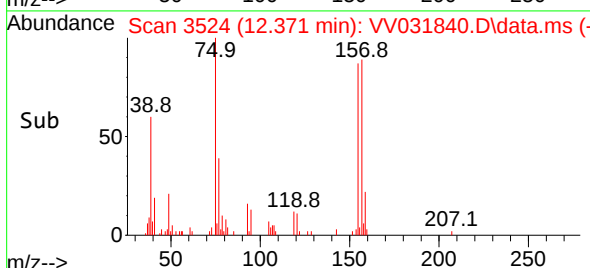
Tgt Ion:146 Resp: 134299
Ion Ratio Lower Upper
146 100
111 45.5 36.1 54.1
148 65.4 52.1 78.1

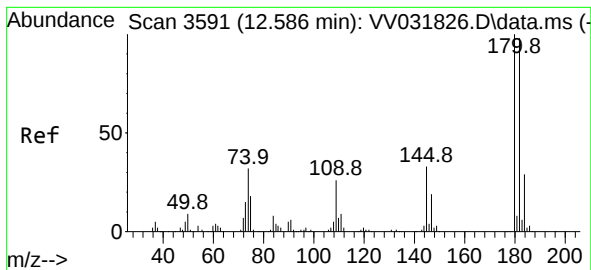


#68
1,2-Dibromo-3-chloropropane
Concen: 5.303 ug/L
RT: 12.371 min Scan# 3524
Delta R.T. 0.000 min
Lab File: VV031840.D
Acq: 18 Aug 2023 10:57



Tgt Ion: 75 Resp: 9751
Ion Ratio Lower Upper
75 100
155 91.9 63.8 95.6
157 88.9 82.6 124.0





#69

1,3,5-Trichlorobenzene

Concen: 5.113 ug/L

RT: 12.587 min Scan# 3591

Delta R.T. 0.000 min

Lab File: VV031840.D

Acq: 18 Aug 2023 10:57

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion:180 Resp: 101961

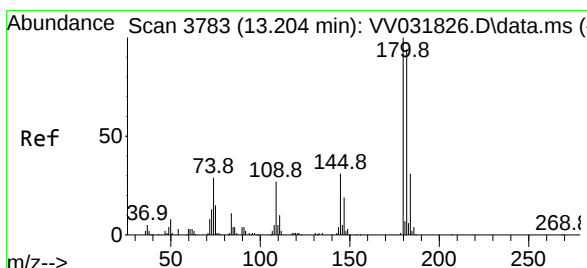
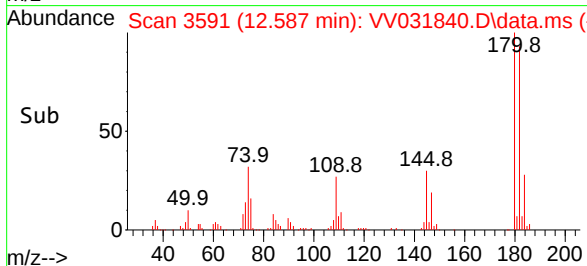
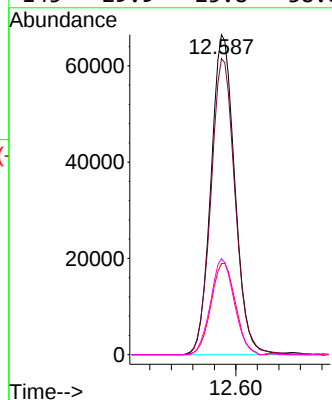
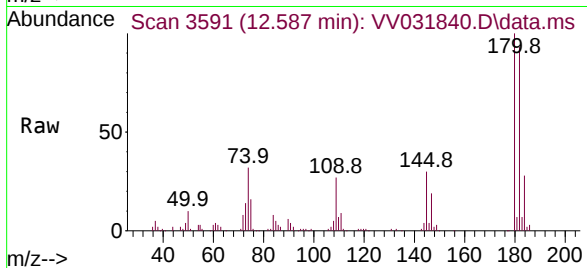
Ion Ratio Lower Upper

180 100

182 94.1 76.3 114.5

184 29.4 23.7 35.5

145 29.9 25.8 38.8



#70

1,2,4-trichlorobenzene

Concen: 4.765 ug/L

RT: 13.204 min Scan# 3783

Delta R.T. 0.000 min

Lab File: VV031840.D

Acq: 18 Aug 2023 10:57

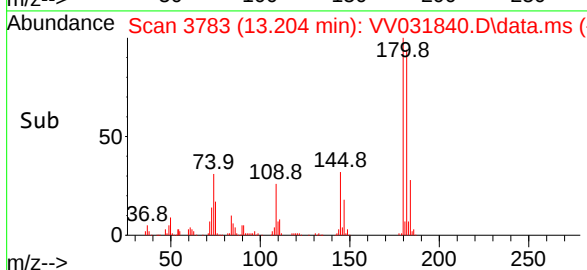
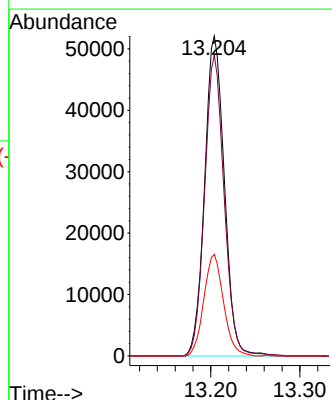
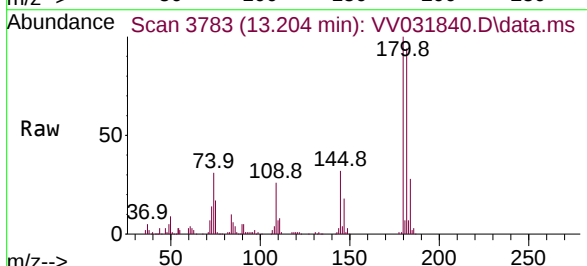
Tgt Ion:180 Resp: 79955

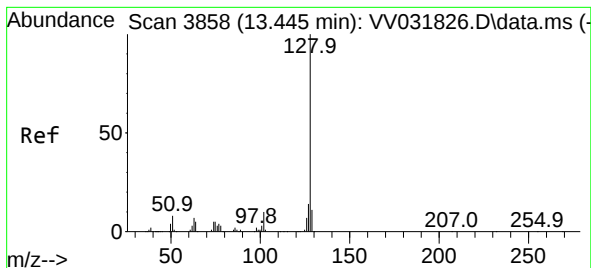
Ion Ratio Lower Upper

180 100

182 92.9 75.2 112.8

145 31.8 25.0 37.4





#71

Naphthalene

Concen: 4.684 ug/L

RT: 13.445 min Scan# 3858

Delta R.T. 0.000 min

Lab File: VV031840.D

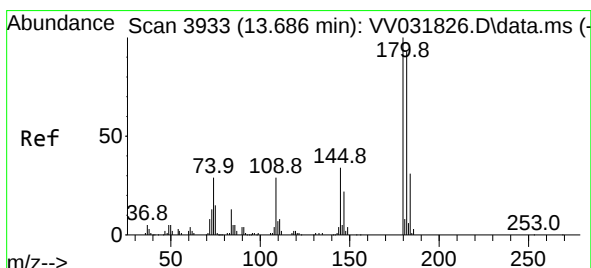
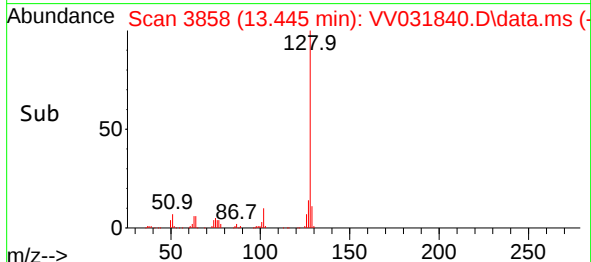
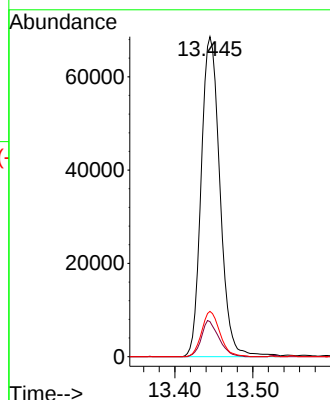
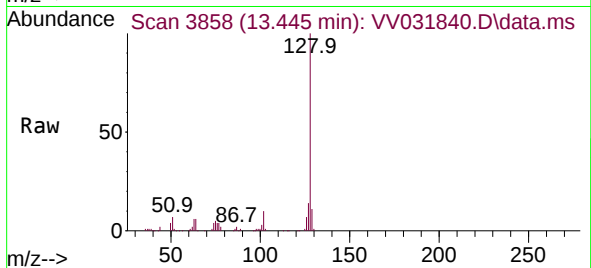
Acq: 18 Aug 2023 10:57

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion:	128	Resp:	114988
Ion Ratio	Lower	Upper	
128	100		
129	10.4	8.6	12.8
127	13.8	11.0	16.4



#72

1,2,3-Trichlorobenzene

Concen: 4.884 ug/L

RT: 13.686 min Scan# 3933

Delta R.T. 0.000 min

Lab File: VV031840.D

Acq: 18 Aug 2023 10:57

Tgt Ion:	180	Resp:	74072
Ion Ratio	Lower	Upper	
180	100		
182	97.6	75.9	113.9
145	33.0	27.6	41.4

