

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV081823\
 Data File : VV031843.D
 Acq On : 18 Aug 2023 15:56
 Operator : SY/MD
 Sample : VSTDCCC005EC
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Aug 19 02:20:10 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR081723WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Aug 19 02:19:05 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.539	114	155868	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.789	117	152956	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.191	152	94610	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	36467	3.933	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	78.600%
7) Chloroethane-d5	1.532	69	20908	2.150	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	43.000%#
11) 1,1-Dichloroethene-d2	2.060	65	15417	2.879	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	57.600%#
20) 2-Butanone-d5	3.818	46	143970	45.097	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	90.200%
24) Chloroform-d	4.259	84	124673	4.633	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.600%
26) 1,2-Dichloroethane-d4	4.950	65	63239	4.759	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.200%
32) Benzene-d6	4.966	84	220378	5.280	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	105.600%
36) 1,2-Dichloropropane-d6	5.995	67	72259	4.877	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	97.600%
41) Toluene-d8	7.249	98	139617	3.675	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	73.400%
43) trans-1,3-Dichloroprop...	7.561	79	16424	3.611	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	72.200%
46) 2-Hexanone-d5	8.034	63	86453	39.871	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	79.740%
56) 1,1,2,2-Tetrachloroeth...	10.159	84	57029	5.550	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	111.000%
66) 1,2-Dichlorobenzene-d4	11.567	152	87125	5.221	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	104.400%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.105	85	68617	4.849	ug/L	100
3) Chloromethane	1.217	50	55195	4.050	ug/L	96
5) Vinyl chloride	1.282	62	57145	4.238	ug/L	95
6) Bromomethane	1.487	94	30174	3.413	ug/L	87
8) Chloroethane	1.548	64	23104	2.734	ug/L	100
9) Trichlorofluoromethane	1.712	101	73029	3.432	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.069	101	38306	3.199	ug/L	94
12) 1,1-Dichloroethene	2.069	96	33356	3.223	ug/L	83
13) Acetone	2.143	43	61893	33.787	ug/L	98
14) Carbon disulfide	2.240	76	112264	3.924	ug/L	99
15) Methyl Acetate	2.394	43	23331	4.814	ug/L	95
16) Methylene chloride	2.449	84	60612	4.377	ug/L	91
17) Methyl tert-butyl Ether	2.709	73	109341	5.133	ug/L	93
18) trans-1,2-Dichloroethene	2.696	96	47703	4.921	ug/L	99
19) 1,1-Dichloroethane	3.117	63	94280	4.607	ug/L	99
21) 2-Butanone	3.905	43	101563	40.814	ug/L	87
22) cis-1,2-Dichloroethene	3.818	96	52091	5.267	ug/L	96
23) Bromochloromethane	4.153	128	26975	5.352	ug/L #	84
25) Chloroform	4.291	83	105041	4.821	ug/L	82

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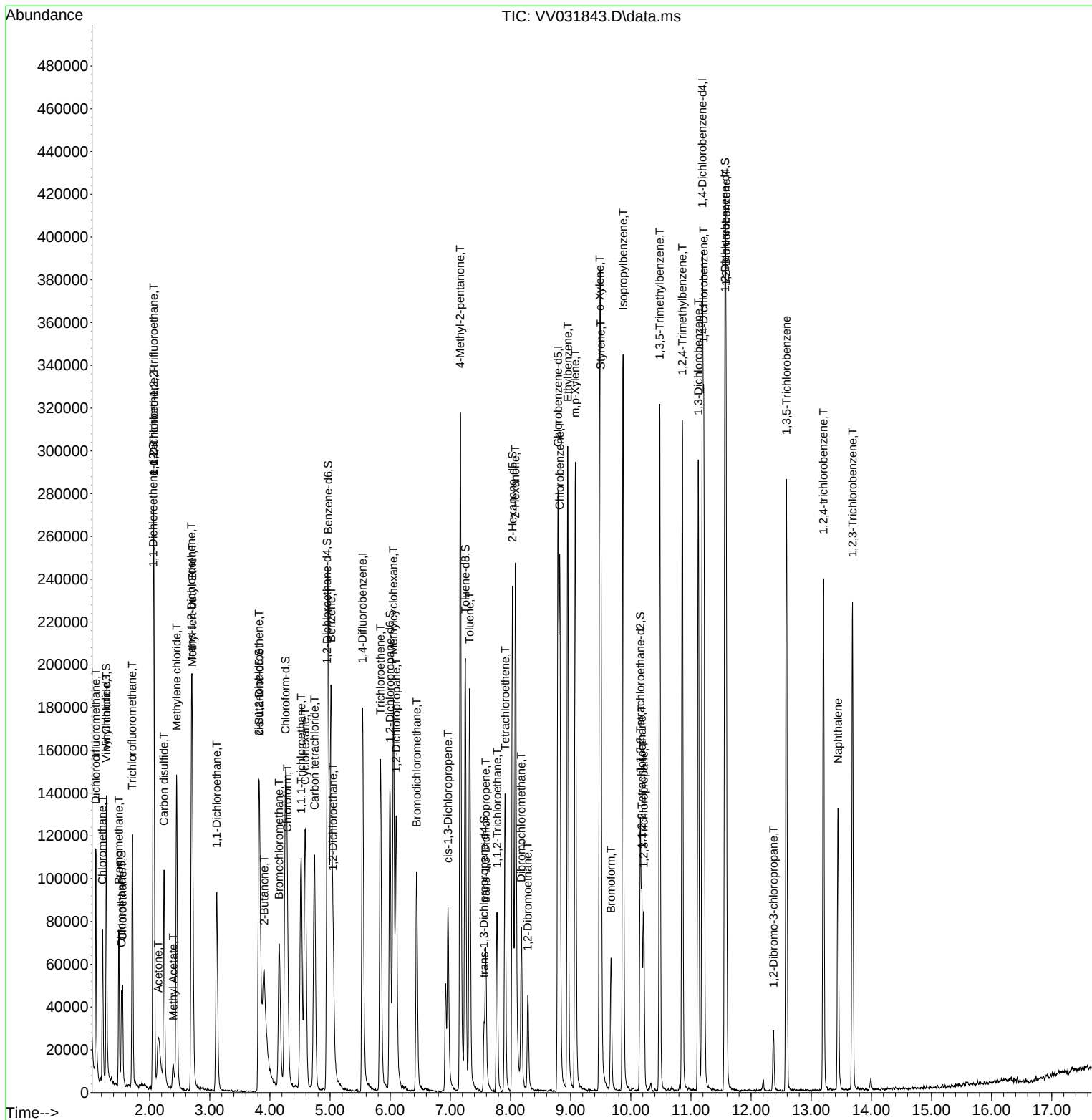
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 ClientSampleId :

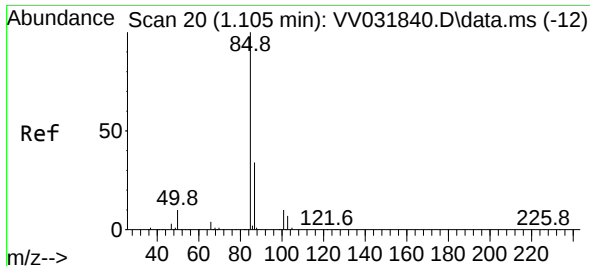
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 Quant Title : TRACE VOA SFAM1.0
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.050	62	61753	4.789	ug/L #	78
29) 1,1,1-Trichloroethane	4.519	97	97674	5.646	ug/L	96
30) Cyclohexane	4.587	56	64019	5.380	ug/L	95
31) Carbon tetrachloride	4.741	117	86956	5.679	ug/L	98
33) Benzene	5.018	78	194047	5.332	ug/L	100
34) Trichloroethene	5.838	95	56449	5.436	ug/L	85
35) Methylcyclohexane	6.053	83	70680	6.025	ug/L	95
37) 1,2-Dichloropropane	6.098	63	53141	5.102	ug/L	98
38) Bromodichloromethane	6.439	83	72756	5.329	ug/L #	96
39) cis-1,3-Dichloropropene	6.960	75	56524	4.550	ug/L	95
40) 4-Methyl-2-pentanone	7.166	43	207458	38.107	ug/L	95
42) Toluene	7.320	91	138291	3.831	ug/L	97
44) trans-1,3-Dichloropropene	7.587	75	41363	3.726	ug/L	97
45) 1,1,2-Trichloroethane	7.776	97	26784	3.397	ug/L	94
47) Tetrachloroethene	7.911	164	31817	4.168	ug/L	95
48) 2-Hexanone	8.082	43	158102	36.802	ug/L #	96
49) Dibromochloromethane	8.182	129	38208	4.290	ug/L	97
50) 1,2-Dibromoethane	8.288	107	30637	4.219	ug/L	95
51) Chlorobenzene	8.818	112	131720	5.334	ug/L	94
52) Ethylbenzene	8.953	91	212531	5.846	ug/L	100
53) m,p-Xylene	9.079	106	81578	6.270	ug/L	94
54) o-Xylene	9.484	106	72486	5.854	ug/L	83
55) Styrene	9.503	104	138293	6.122	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.185	83	41882	5.332	ug/L #	95
59) Bromoform	9.670	173	29829	5.373	ug/L	97
60) Isopropylbenzene	9.873	105	214115	5.597	ug/L	98
61) 1,2,3-Trichloropropane	10.217	75	35191	4.502	ug/L	99
62) 1,3,5-Trimethylbenzene	10.480	105	169770	5.465	ug/L	99
63) 1,2,4-Trimethylbenzene	10.857	105	166819	5.358	ug/L	99
64) 1,3-Dichlorobenzene	11.124	146	121999	5.495	ug/L	97
65) 1,4-Dichlorobenzene	11.214	146	123816	5.508	ug/L	96
67) 1,2-Dichlorobenzene	11.583	146	112902	5.339	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.374	75	7695	5.257	ug/L	90
69) 1,3,5-Trichlorobenzene	12.587	180	91696	5.776	ug/L	99
70) 1,2,4-trichlorobenzene	13.204	180	73497	5.502	ug/L	97
71) Naphthalene	13.445	128	107971	5.525	ug/L	100
72) 1,2,3-Trichlorobenzene	13.686	180	69598	5.764	ug/L	99

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

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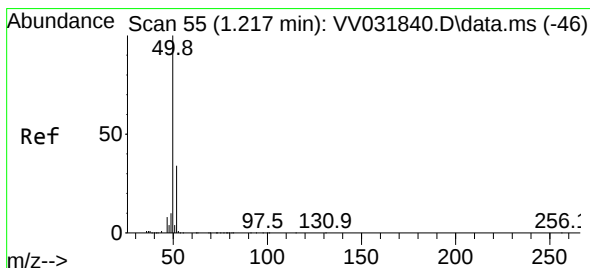
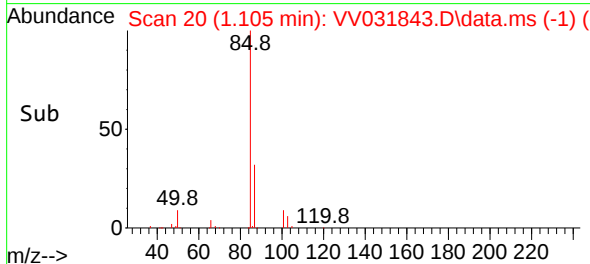
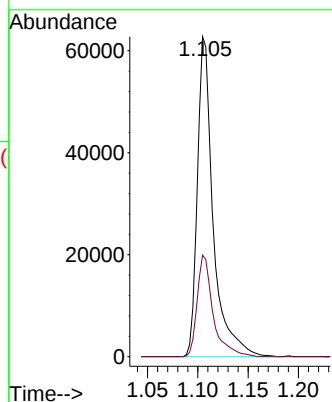
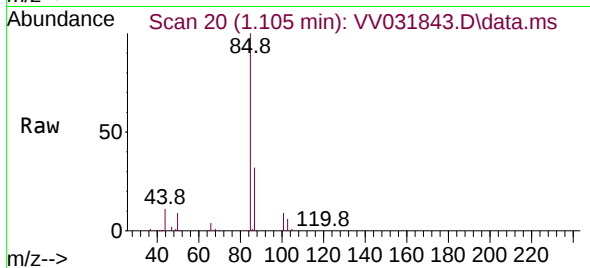




#2
Dichlorodifluoromethane
Concen: 4.849 ug/L
RT: 1.105 min Scan# 20
Delta R.T. -0.000 min
Lab File: VV031843.D
Acq: 18 Aug 2023 15:56

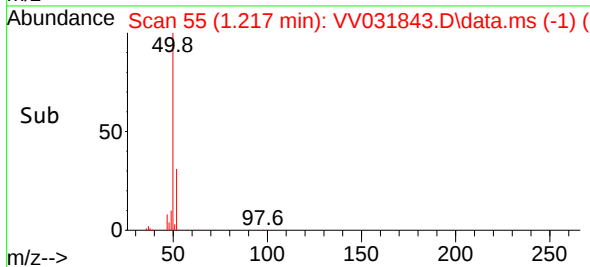
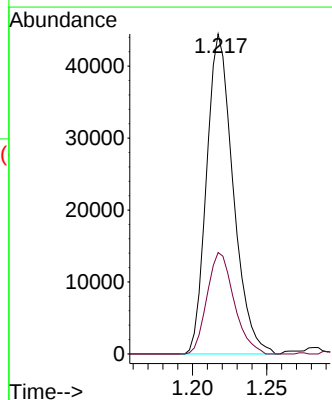
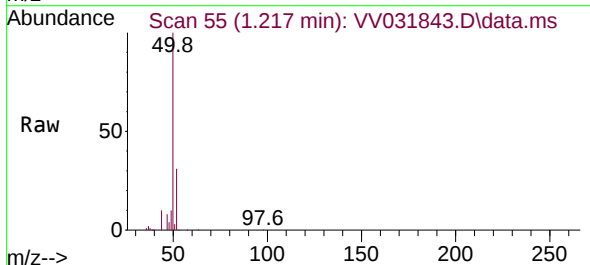
Instrument :
MSVOA_V
ClientSampleId :

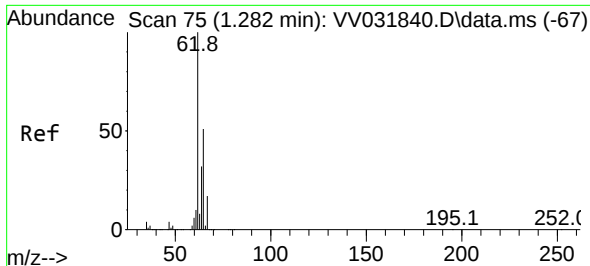
Tgt Ion: 85 Resp: 68617
Ion Ratio Lower Upper
85 100
87 32.1 25.5 38.3



#3
Chloromethane
Concen: 4.050 ug/L
RT: 1.217 min Scan# 55
Delta R.T. -0.000 min
Lab File: VV031843.D
Acq: 18 Aug 2023 15:56

Tgt Ion: 50 Resp: 55195
Ion Ratio Lower Upper
50 100
52 31.7 23.8 44.2

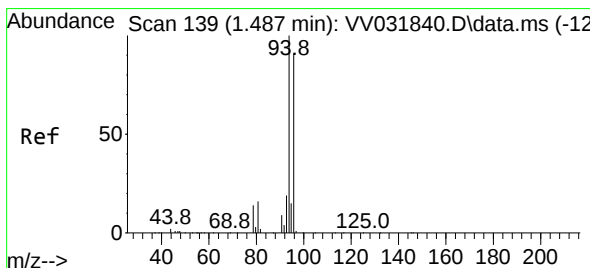
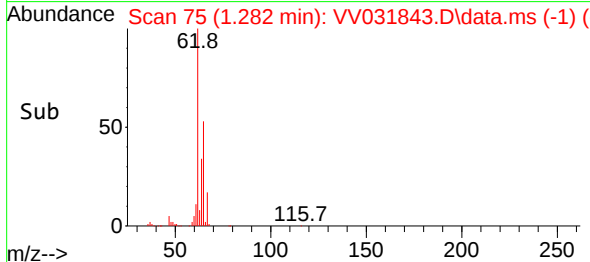
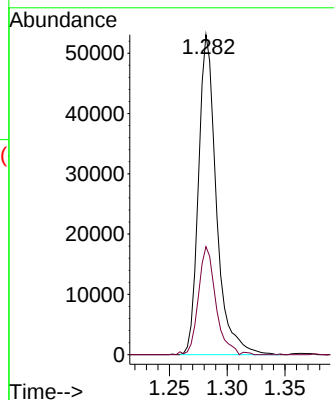
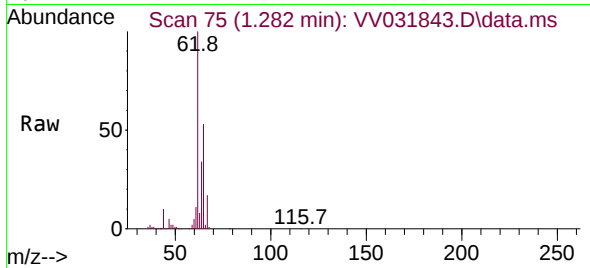




#5
 Vinyl chloride
 Concen: 4.238 ug/L
 RT: 1.282 min Scan# 75
 Delta R.T. -0.000 min
 Lab File: VV031843.D
 Acq: 18 Aug 2023 15:56

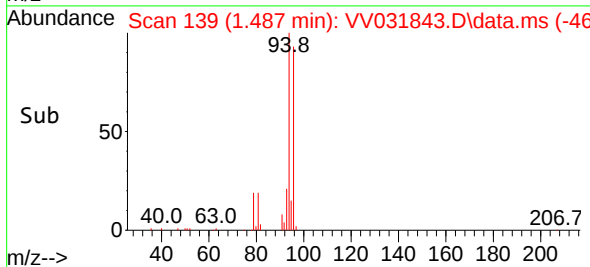
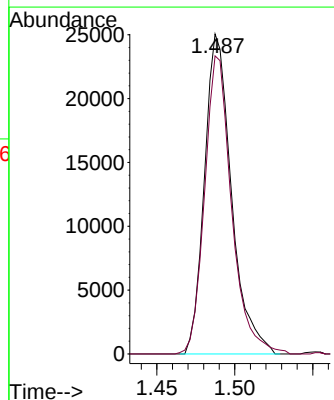
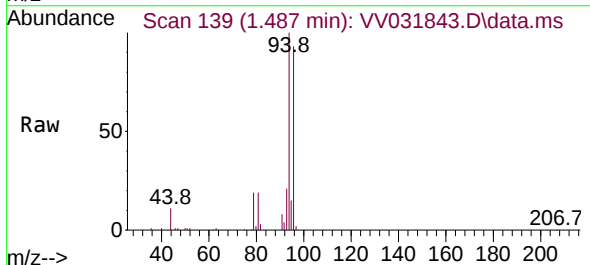
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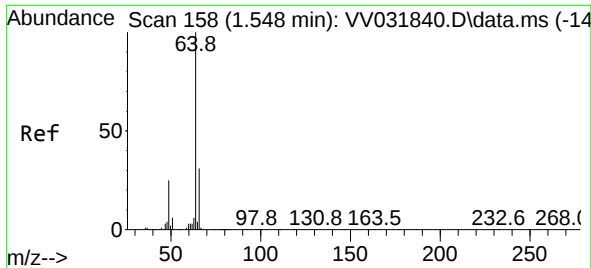
Tgt Ion: 62 Resp: 57145
 Ion Ratio Lower Upper
 62 100
 64 86.4 63.5 117.9



#6
 Bromomethane
 Concen: 3.413 ug/L
 RT: 1.487 min Scan# 139
 Delta R.T. -0.000 min
 Lab File: VV031843.D
 Acq: 18 Aug 2023 15:56

Tgt Ion: 94 Resp: 30174
 Ion Ratio Lower Upper
 94 100
 96 80.8 65.3 121.3

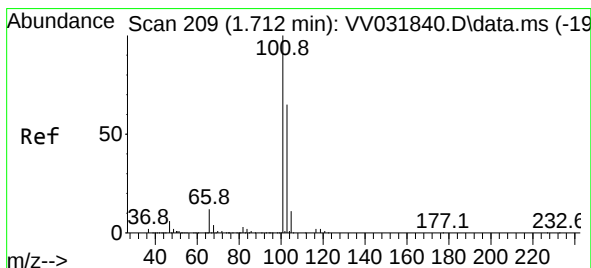
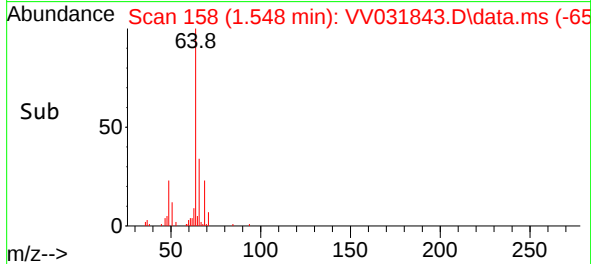
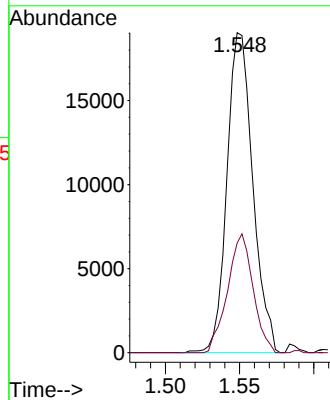
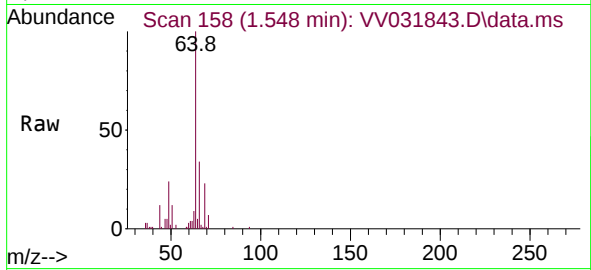




#8
Chloroethane
Concen: 2.734 ug/L
RT: 1.548 min Scan# 11
Delta R.T. -0.000 min
Lab File: VV031843.D
Acq: 18 Aug 2023 15:56

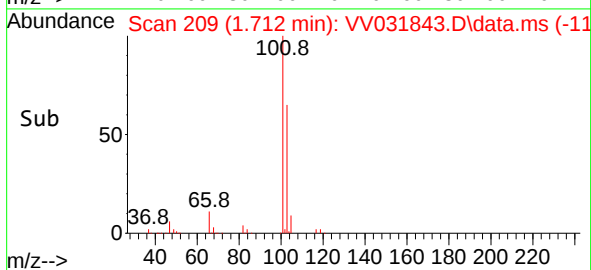
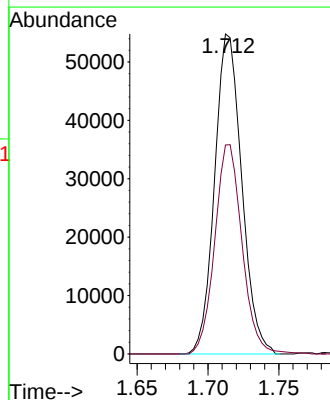
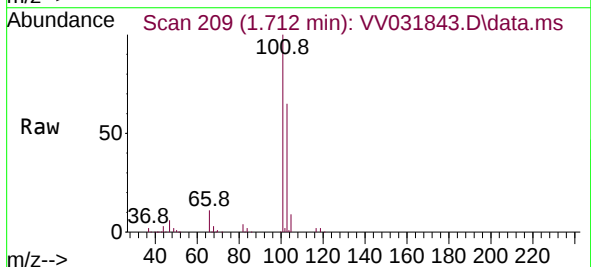
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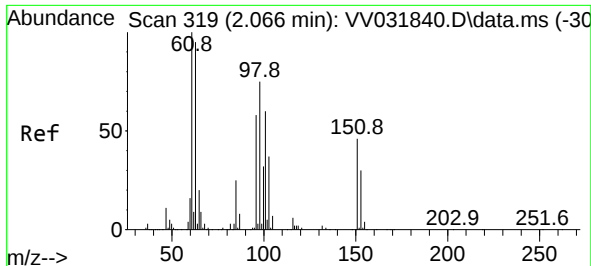
Tgt Ion: 64 Resp: 23104
Ion Ratio Lower Upper
64 100
66 32.8 22.8 42.4



#9
Trichlorofluoromethane
Concen: 3.432 ug/L
RT: 1.712 min Scan# 209
Delta R.T. -0.000 min
Lab File: VV031843.D
Acq: 18 Aug 2023 15:56

Tgt Ion:101 Resp: 73029
Ion Ratio Lower Upper
101 100
103 65.9 52.1 78.1





#10

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

Concen: 3.199 ug/L

RT: 2.069 min Scan# 319

Delta R.T. 0.003 min

Lab File: VV031843.D

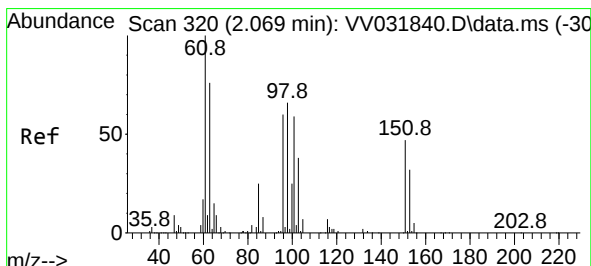
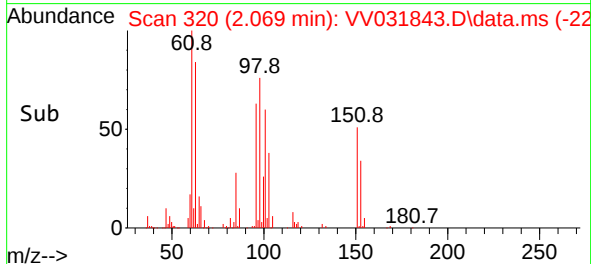
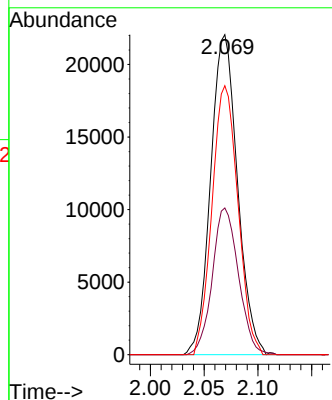
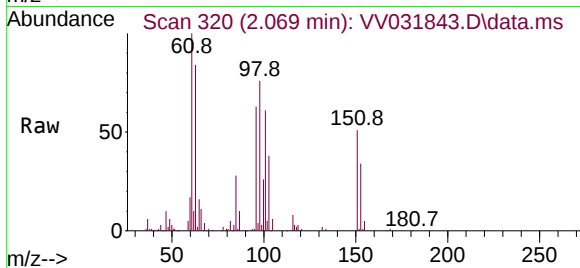
Acq: 18 Aug 2023 15:56

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion:	101	Resp:	38306
Ion Ratio	Lower	Upper	
101	100		
85	44.7	33.3	49.9
151	81.1	60.2	90.4



#12

1,1-Dichloroethene

Concen: 3.223 ug/L

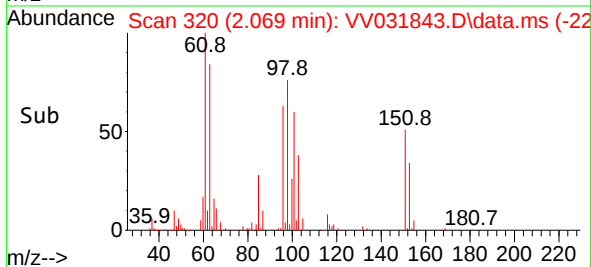
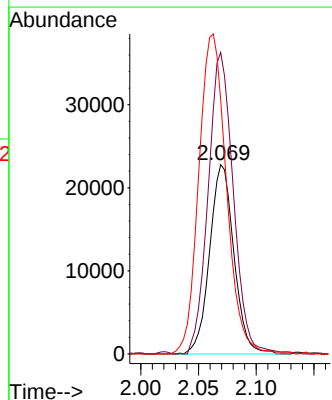
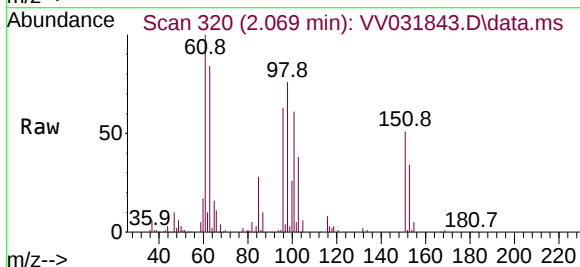
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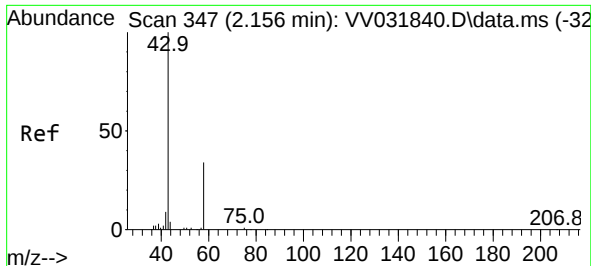
Delta R.T. -0.000 min

Lab File: VV031843.D

Acq: 18 Aug 2023 15:56

Tgt Ion:	96	Resp:	33356
Ion Ratio	Lower	Upper	
96	100		
61	159.4	129.0	239.6
63	134.3	108.7	201.9





#13

Acetone

Concen: 33.787 ug/L

RT: 2.143 min Scan# 34

Delta R.T. -0.013 min

Lab File: VV031843.D

Acq: 18 Aug 2023 15:56

Instrument :

MSVOA_V

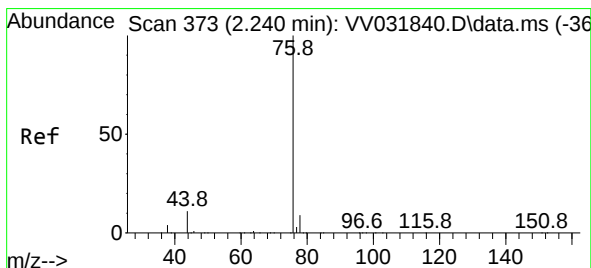
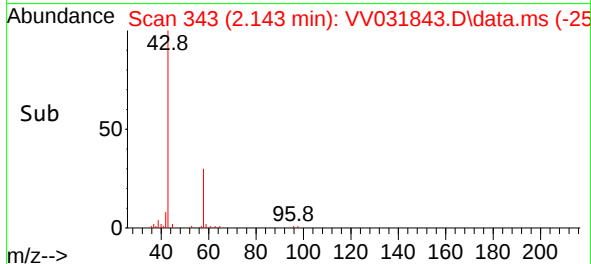
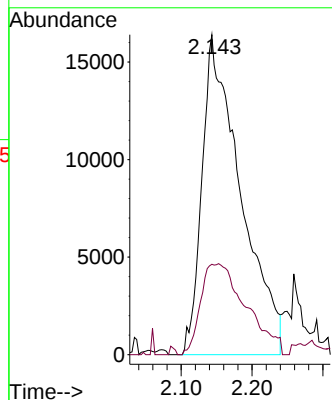
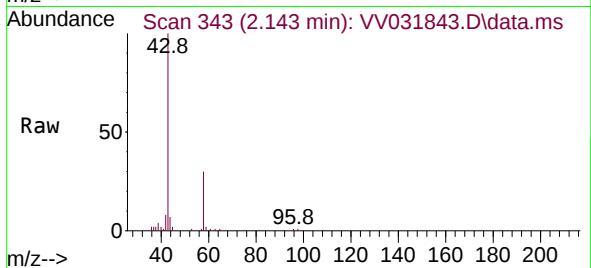
ClientSampleId :

Tgt Ion: 43 Resp: 61893

Ion Ratio Lower Upper

43 100

58 33.4 0.0 69.0



#14

Carbon disulfide

Concen: 3.924 ug/L

RT: 2.240 min Scan# 373

Delta R.T. -0.000 min

Lab File: VV031843.D

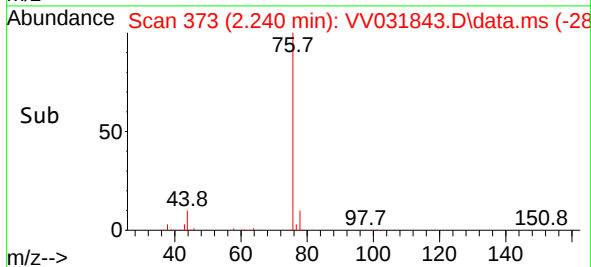
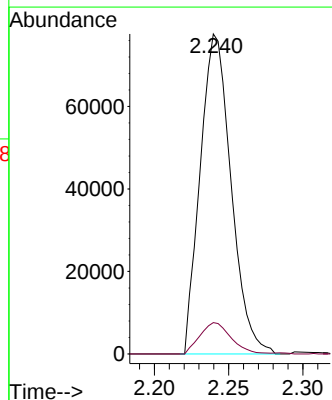
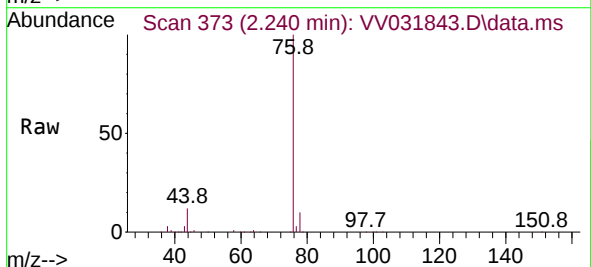
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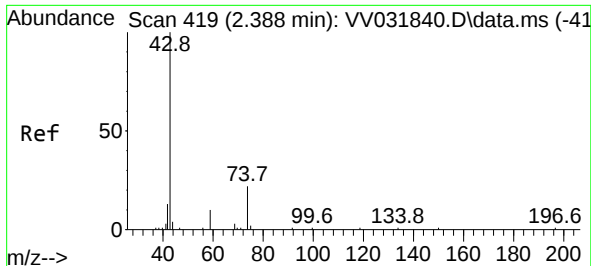
Tgt Ion: 76 Resp: 112264

Ion Ratio Lower Upper

76 100

78 9.8 7.7 11.5

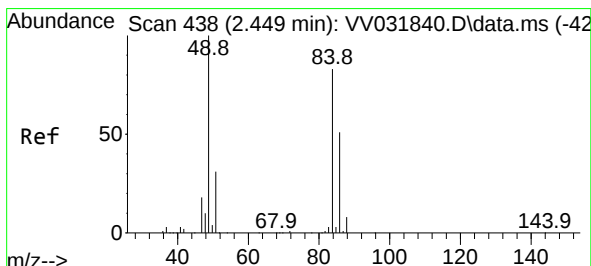
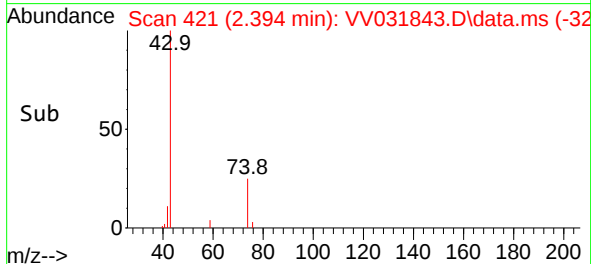
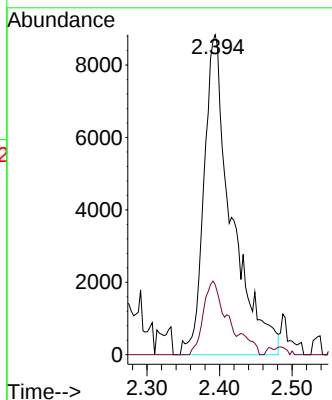
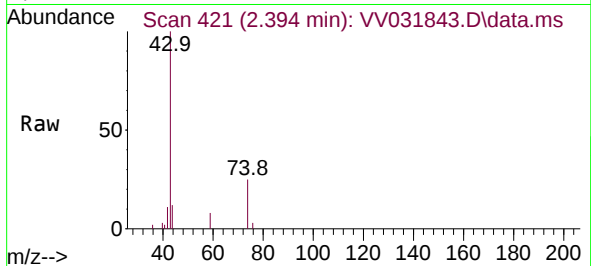




#15
Methyl Acetate
Concen: 4.814 ug/L
RT: 2.394 min Scan# 419
Delta R.T. 0.006 min
Lab File: VV031843.D
Acq: 18 Aug 2023 15:56

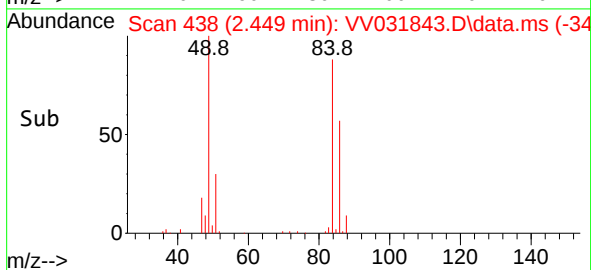
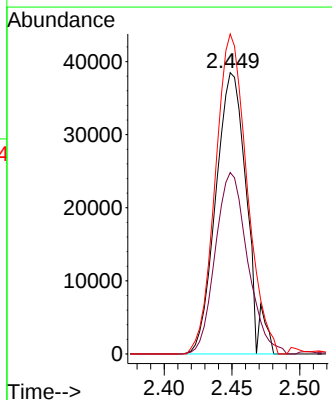
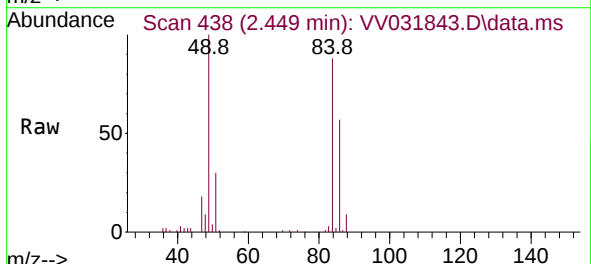
Instrument :
MSVOA_V
ClientSampleId :

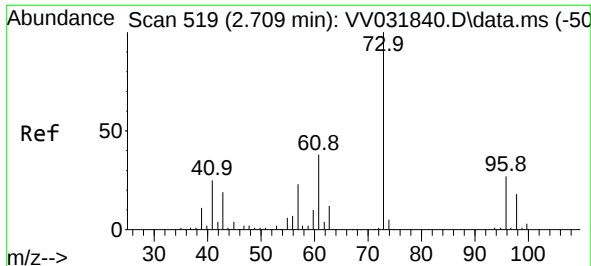
Tgt Ion: 43 Resp: 23331
Ion Ratio Lower Upper
43 100
74 18.1 16.2 24.2



#16
Methylene chloride
Concen: 4.377 ug/L
RT: 2.449 min Scan# 438
Delta R.T. -0.000 min
Lab File: VV031843.D
Acq: 18 Aug 2023 15:56

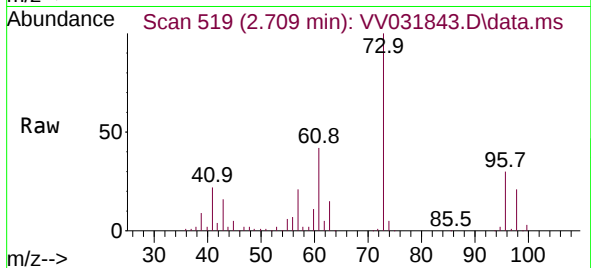
Tgt Ion: 84 Resp: 60612
Ion Ratio Lower Upper
84 100
86 65.9 44.5 82.7
49 118.7 93.0 172.6



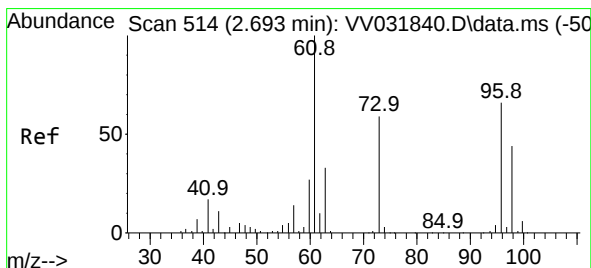
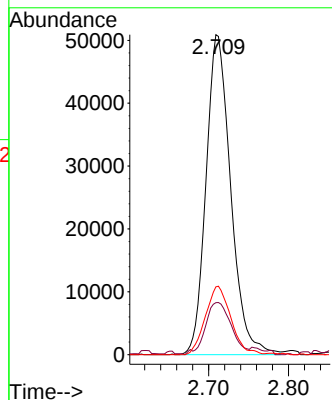
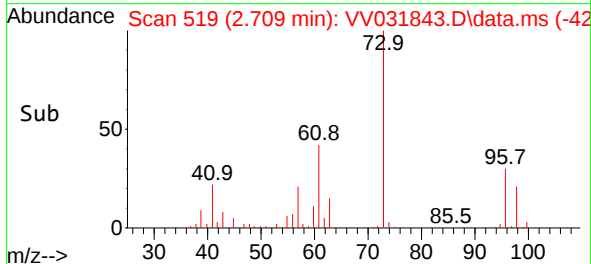


#17
Methyl tert-butyl Ether
Concen: 5.133 ug/L
RT: 2.709 min Scan# 519
Delta R.T. -0.000 min
Lab File: VV031843.D
Acq: 18 Aug 2023 15:56

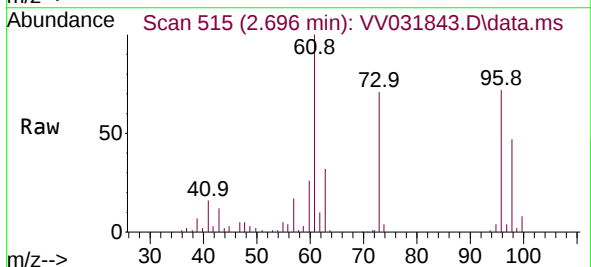
Instrument :
MSVOA_V
ClientSampleId :



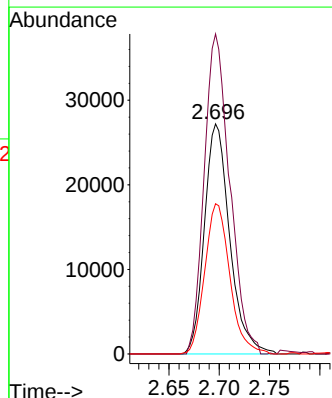
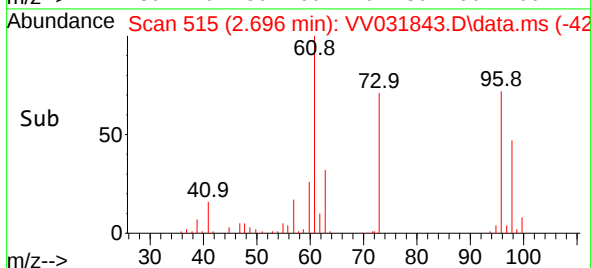
Tgt Ion: 73 Resp: 109341
Ion Ratio Lower Upper
73 100
43 17.0 16.9 25.3
57 22.0 19.7 29.5

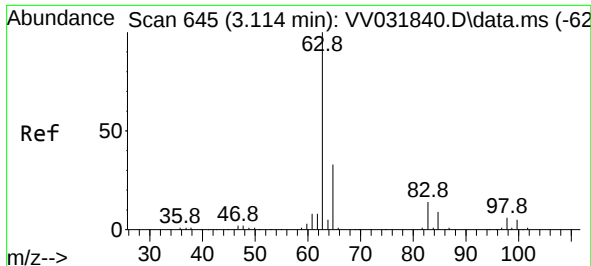


#18
trans-1,2-Dichloroethene
Concen: 4.921 ug/L
RT: 2.696 min Scan# 515
Delta R.T. 0.003 min
Lab File: VV031843.D
Acq: 18 Aug 2023 15:56



Tgt Ion: 96 Resp: 47703
Ion Ratio Lower Upper
96 100
61 139.1 98.8 183.4
98 65.3 45.8 85.2





#19

1,1-Dichloroethane

Concen: 4.607 ug/L

RT: 3.117 min Scan# 64

Delta R.T. 0.003 min

Lab File: VV031843.D

Acq: 18 Aug 2023 15:56

Instrument :

MSVOA_V

ClientSampleId :

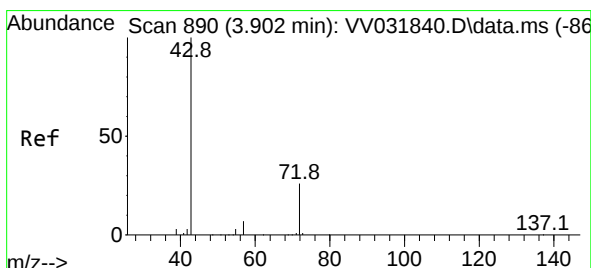
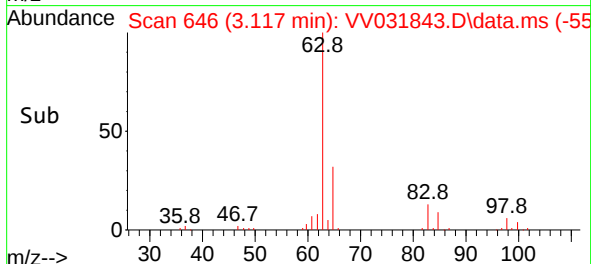
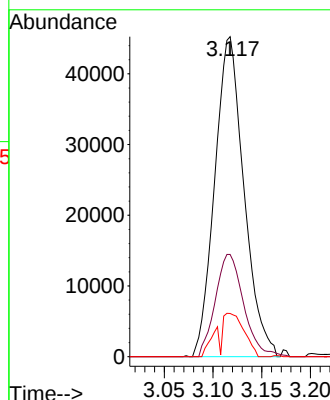
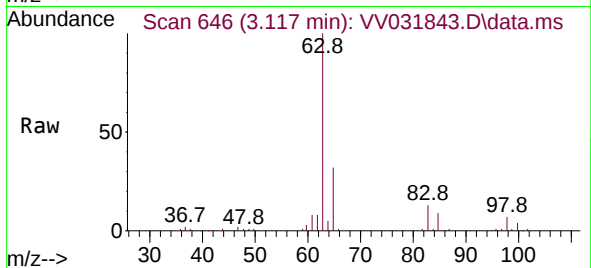
Tgt Ion: 63 Resp: 94280

Ion Ratio Lower Upper

63 100

65 31.1 22.3 41.5

83 12.9 9.4 17.6



#21

2-Butanone

Concen: 40.814 ug/L

RT: 3.905 min Scan# 891

Delta R.T. 0.003 min

Lab File: VV031843.D

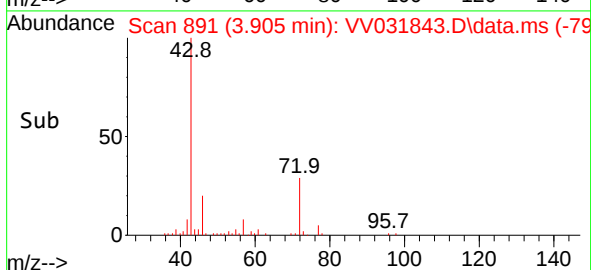
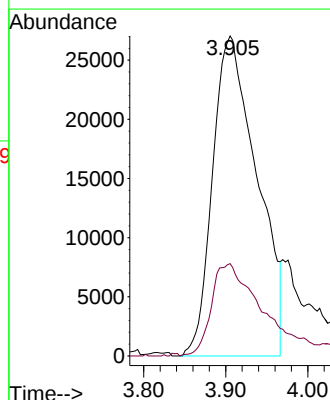
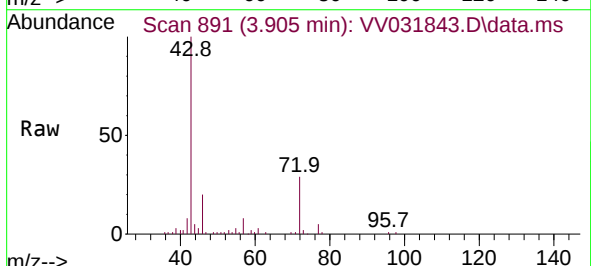
Acq: 18 Aug 2023 15:56

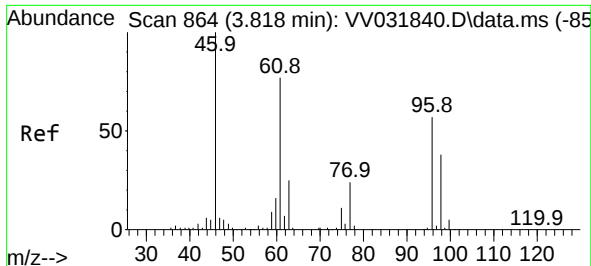
Tgt Ion: 43 Resp: 101563

Ion Ratio Lower Upper

43 100

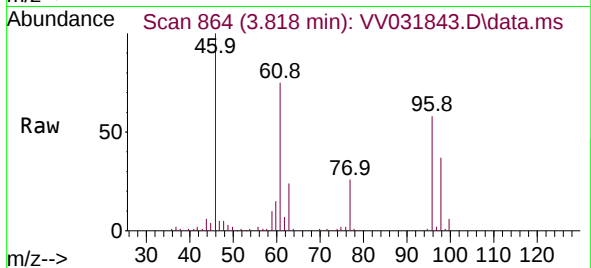
72 33.7 13.5 40.4



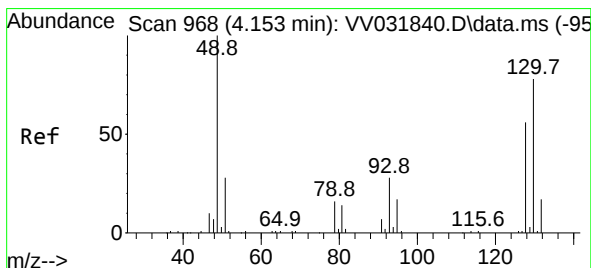
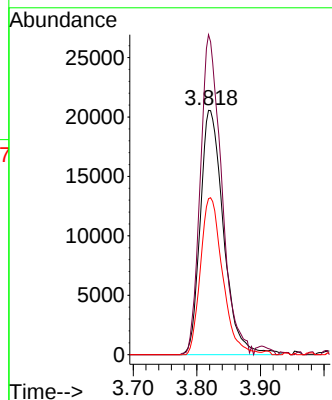
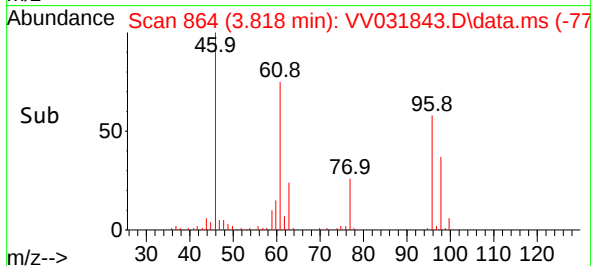


#22
cis-1,2-Dichloroethene
Concen: 5.267 ug/L
RT: 3.818 min Scan# 864
Delta R.T. -0.000 min
Lab File: VV031843.D
Acq: 18 Aug 2023 15:56

Instrument :
MSVOA_V
ClientSampleId :

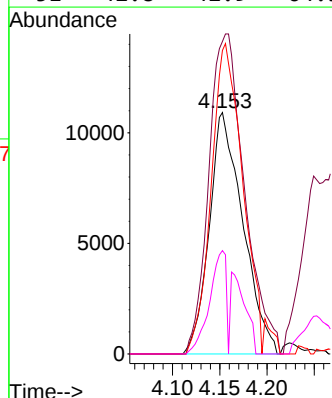
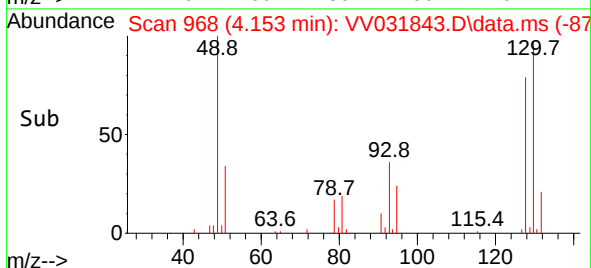
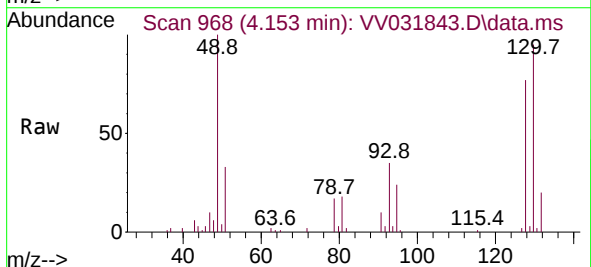


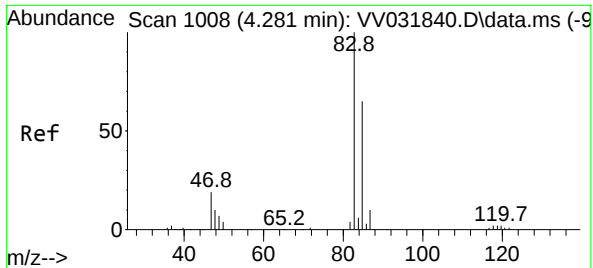
Tgt Ion: 96 Resp: 52091
Ion Ratio Lower Upper
96 100
61 131.0 88.8 165.0
98 63.8 42.1 78.3



#23
Bromochloromethane
Concen: 5.352 ug/L
RT: 4.153 min Scan# 968
Delta R.T. -0.000 min
Lab File: VV031843.D
Acq: 18 Aug 2023 15:56

Tgt Ion:128 Resp: 26975
Ion Ratio Lower Upper
128 100
49 129.5 115.7 214.9
130 125.7 90.7 168.5
51 42.8 42.9 64.3#

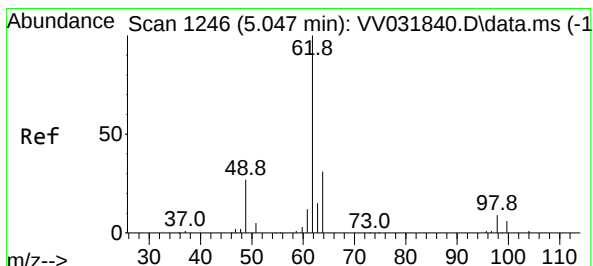
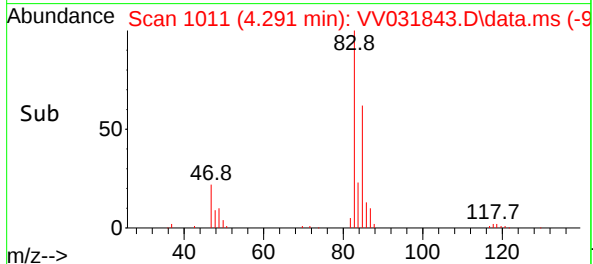
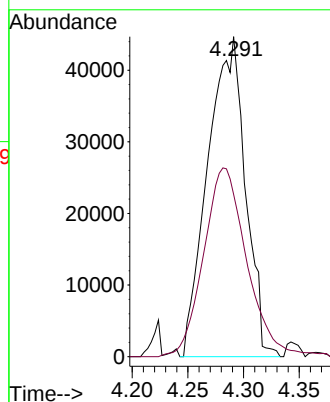
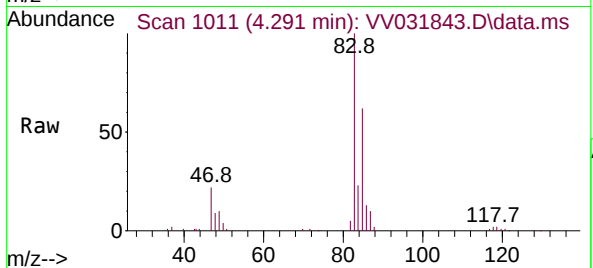




#25
Chloroform
Concen: 4.821 ug/L
RT: 4.291 min Scan# 1008
Delta R.T. 0.010 min
Lab File: VV031843.D
Acq: 18 Aug 2023 15:56

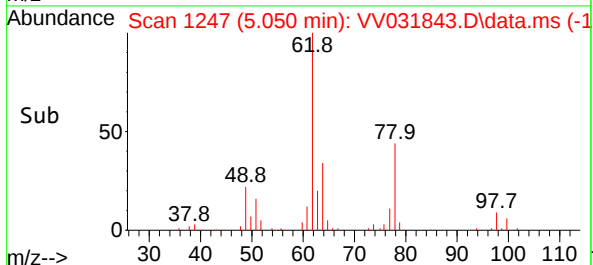
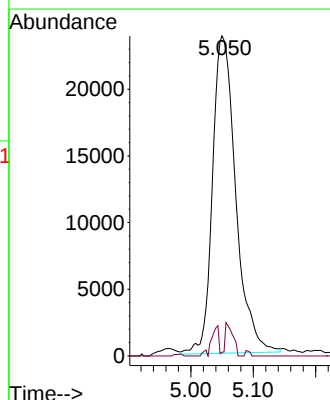
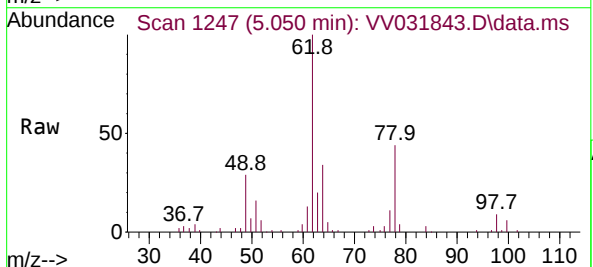
Instrument :
MSVOA_V
ClientSampleId :

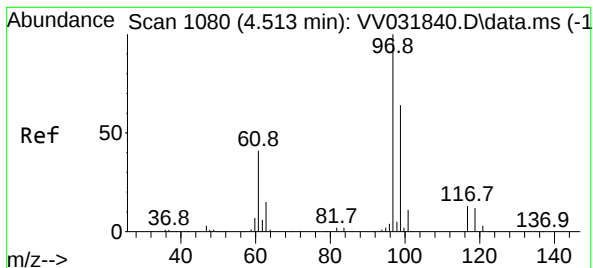
Tgt Ion: 83 Resp: 105041
Ion Ratio Lower Upper
83 100
85 50.7 45.4 84.2



#27
1,2-Dichloroethane
Concen: 4.789 ug/L
RT: 5.050 min Scan# 1247
Delta R.T. 0.003 min
Lab File: VV031843.D
Acq: 18 Aug 2023 15:56

Tgt Ion: 62 Resp: 61753
Ion Ratio Lower Upper
62 100
98 1.1 7.4 11.0#





#29

1,1,1-Trichloroethane

Concen: 5.646 ug/L

RT: 4.519 min Scan# 1080

Delta R.T. 0.006 min

Lab File: VV031843.D

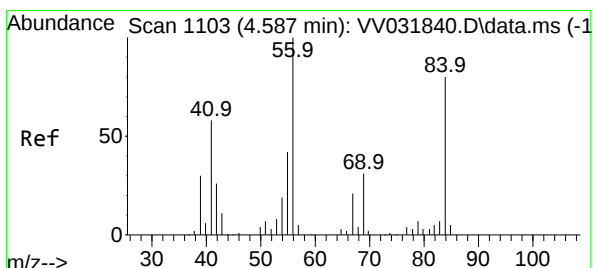
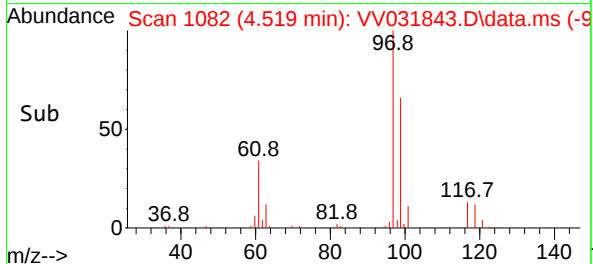
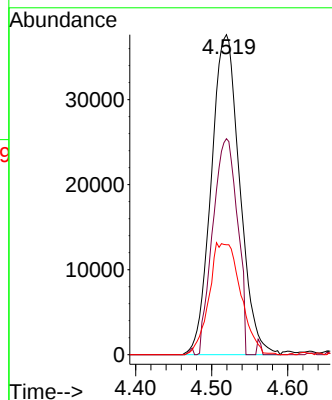
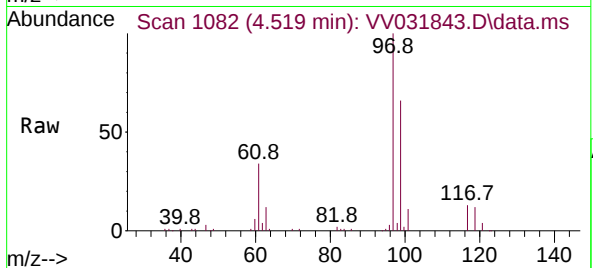
Acq: 18 Aug 2023 15:56

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion:	97	Resp:	97674
Ion	Ratio	Lower	Upper
97	100		
99	58.4	50.4	75.6
61	38.6	30.6	46.0



#30

Cyclohexane

Concen: 5.380 ug/L

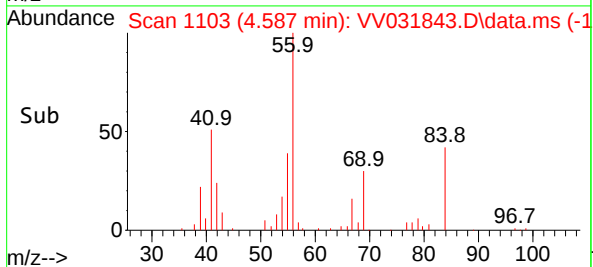
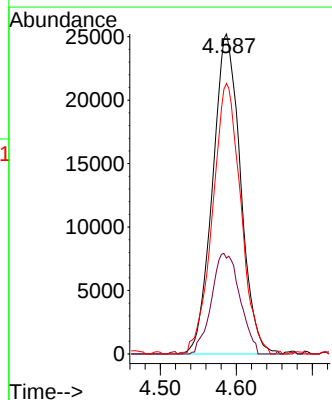
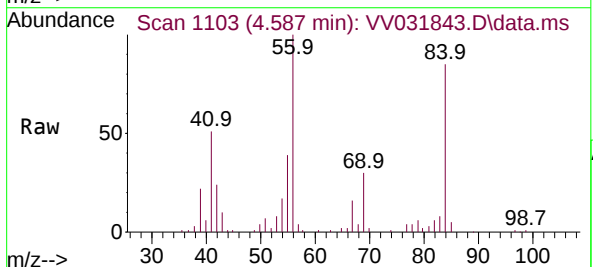
RT: 4.587 min Scan# 1103

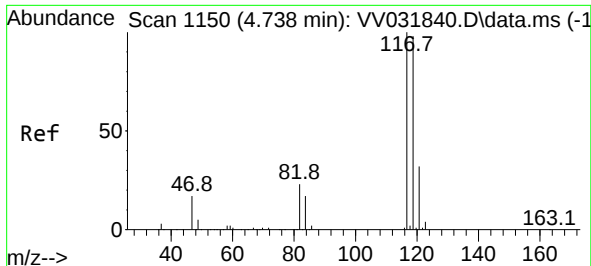
Delta R.T. -0.000 min

Lab File: VV031843.D

Acq: 18 Aug 2023 15:56

Tgt Ion:	56	Resp:	64019
Ion	Ratio	Lower	Upper
56	100		
69	32.2	21.9	32.9
84	85.8	66.2	99.2

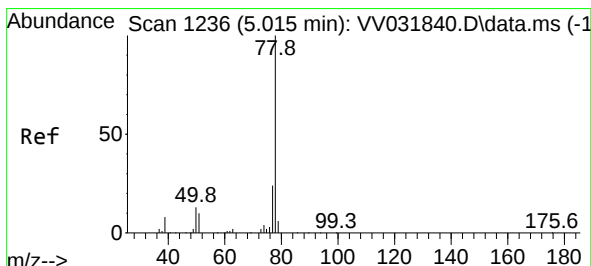
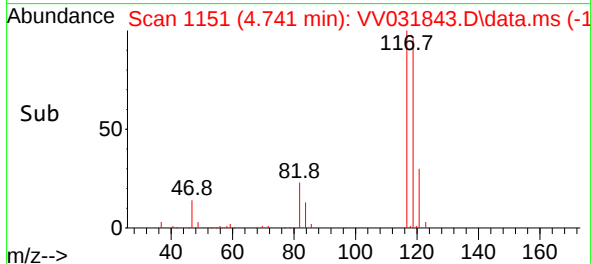
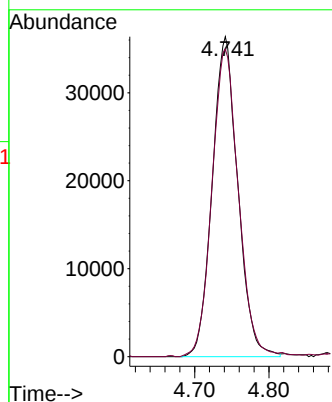
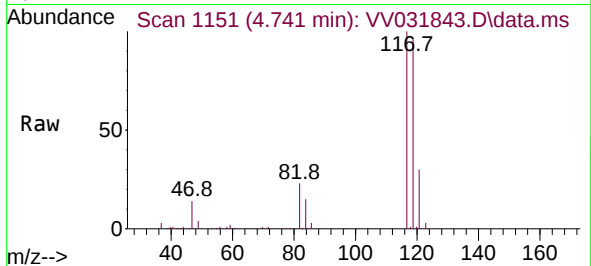




#31
Carbon tetrachloride
Concen: 5.679 ug/L
RT: 4.741 min Scan# 1151
Delta R.T. 0.003 min
Lab File: VV031843.D
Acq: 18 Aug 2023 15:56

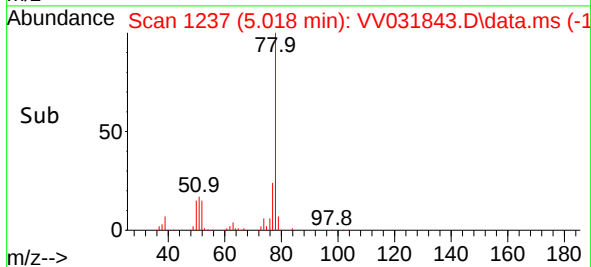
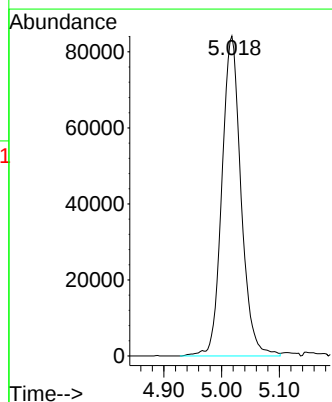
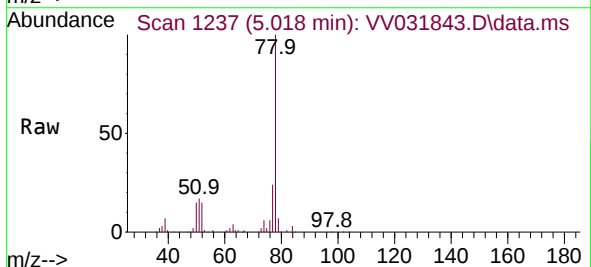
Instrument :
MSVOA_V
ClientSampleId :

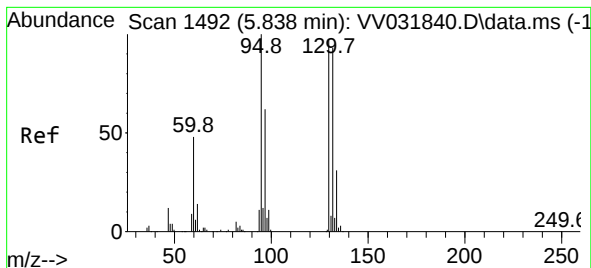
Tgt Ion:117 Resp: 86956
Ion Ratio Lower Upper
117 100
119 99.4 77.9 116.9



#33
Benzene
Concen: 5.332 ug/L
RT: 5.018 min Scan# 1237
Delta R.T. 0.003 min
Lab File: VV031843.D
Acq: 18 Aug 2023 15:56

Tgt Ion: 78 Resp: 194047





#34

Trichloroethene

Concen: 5.436 ug/L

RT: 5.838 min Scan# 1492

Delta R.T. -0.000 min

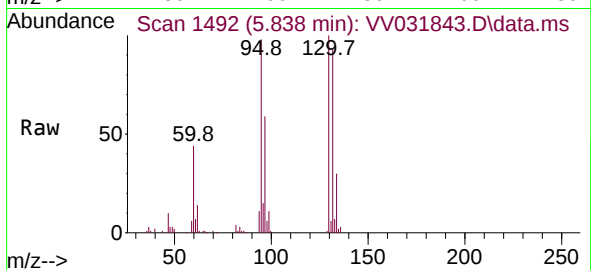
Lab File: VV031843.D

Acq: 18 Aug 2023 15:56

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion: 95 Resp: 56449

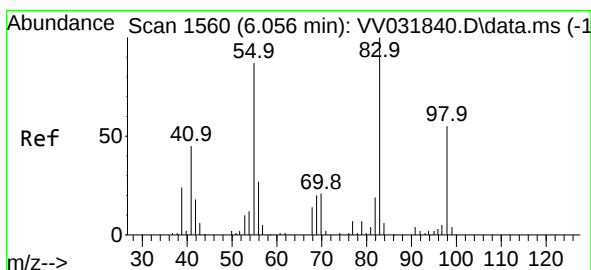
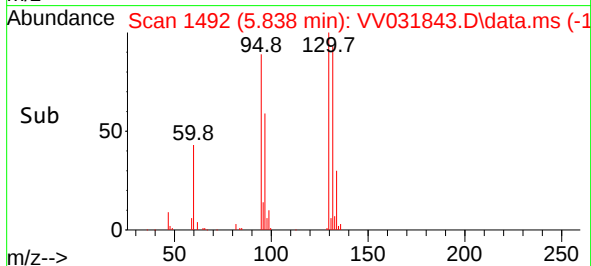
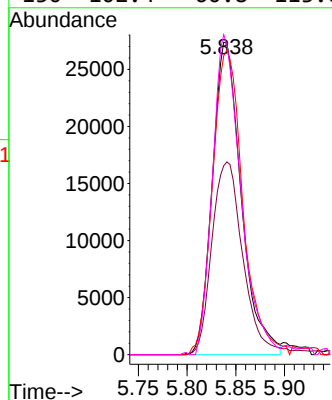
Ion Ratio Lower Upper

95 100

97 60.5 39.0 72.4

132 95.6 55.4 103.0

130 102.4 60.8 113.0



#35

Methylcyclohexane

Concen: 6.025 ug/L

RT: 6.053 min Scan# 1559

Delta R.T. -0.003 min

Lab File: VV031843.D

Acq: 18 Aug 2023 15:56

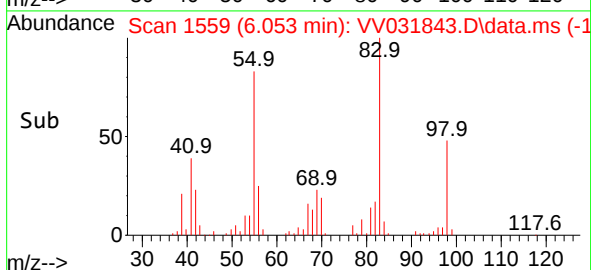
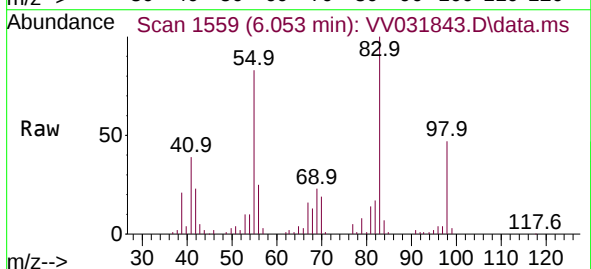
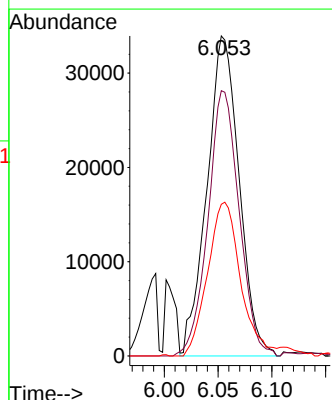
Tgt Ion: 83 Resp: 70680

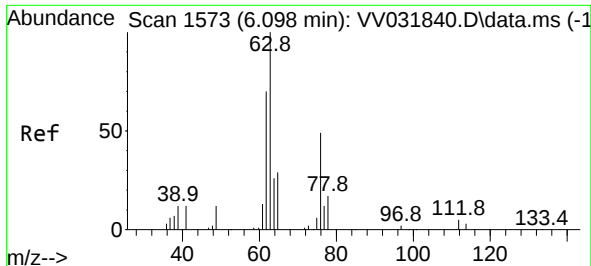
Ion Ratio Lower Upper

83 100

55 80.2 69.1 103.7

98 49.2 38.5 57.7





#37

1,2-Dichloropropane

Concen: 5.102 ug/L

RT: 6.098 min Scan# 1

Delta R.T. -0.000 min

Lab File: VV031843.D

Acq: 18 Aug 2023 15:56

Instrument :

MSVOA_V

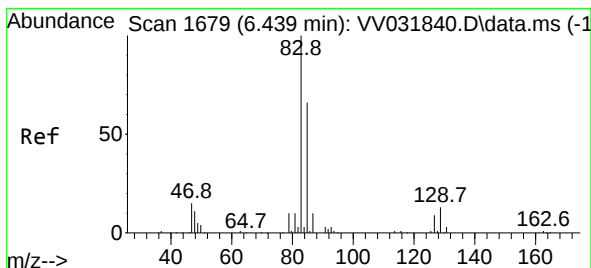
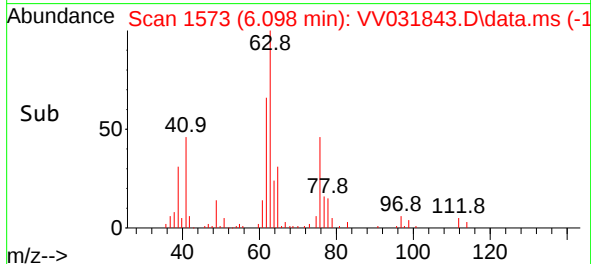
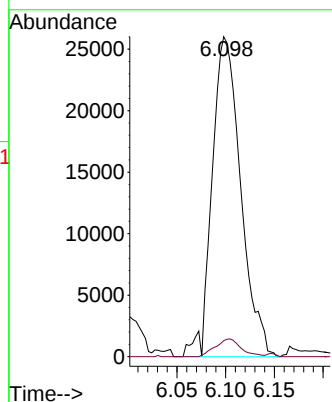
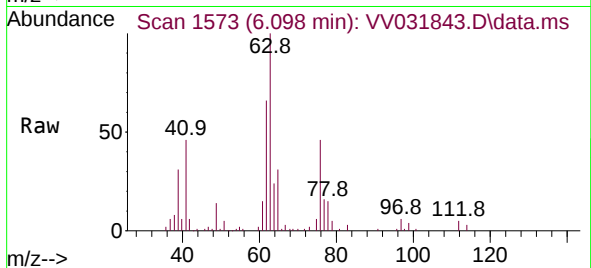
ClientSampleId :

Tgt Ion: 63 Resp: 53141

Ion Ratio Lower Upper

63 100

112 5.0 3.4 5.0



#38

Bromodichloromethane

Concen: 5.329 ug/L

RT: 6.439 min Scan# 1679

Delta R.T. -0.000 min

Lab File: VV031843.D

Acq: 18 Aug 2023 15:56

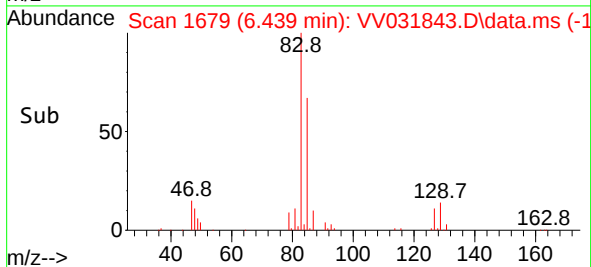
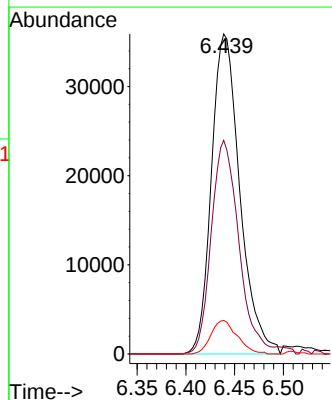
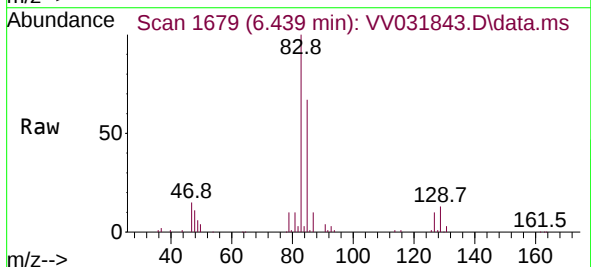
Tgt Ion: 83 Resp: 72756

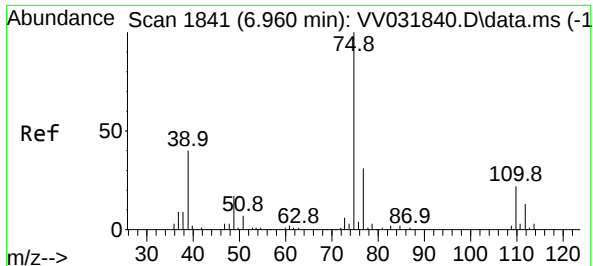
Ion Ratio Lower Upper

83 100

85 67.7 45.4 84.2

127 10.5 5.9 8.9#





#39

cis-1,3-Dichloropropene

Concen: 4.550 ug/L

RT: 6.960 min Scan# 1841

Delta R.T. -0.000 min

Lab File: VV031843.D

Acq: 18 Aug 2023 15:56

Instrument :

MSVOA_V

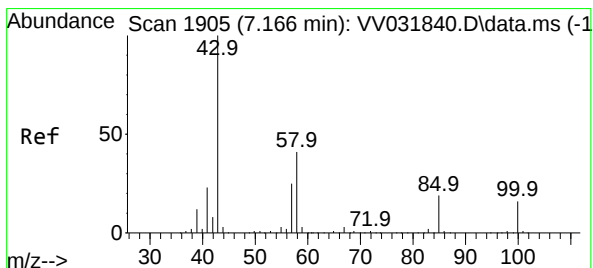
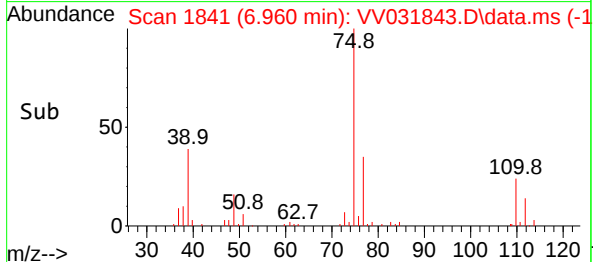
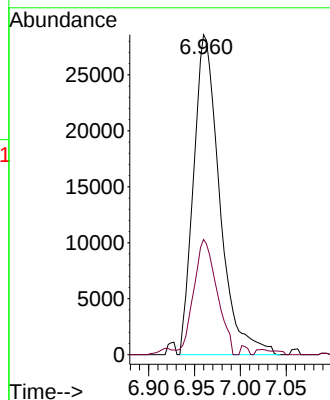
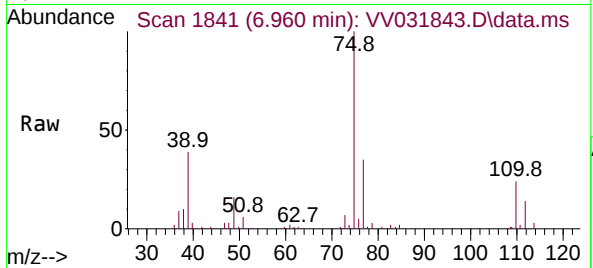
ClientSampleId :

Tgt Ion: 75 Resp: 56524

Ion Ratio Lower Upper

75 100

77 36.0 23.4 43.4



#40

4-Methyl-2-pentanone

Concen: 38.107 ug/L

RT: 7.166 min Scan# 1905

Delta R.T. -0.000 min

Lab File: VV031843.D

Acq: 18 Aug 2023 15:56

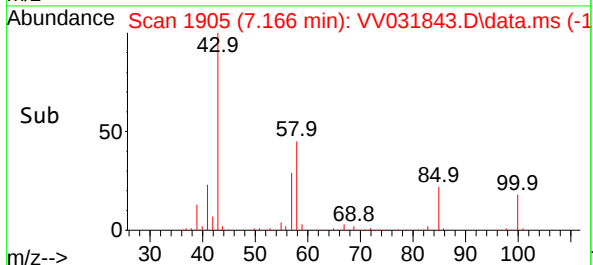
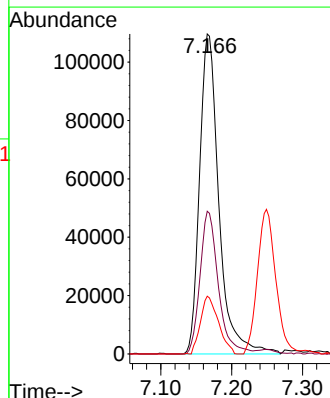
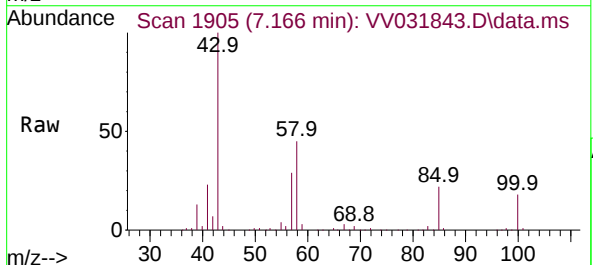
Tgt Ion: 43 Resp: 207458

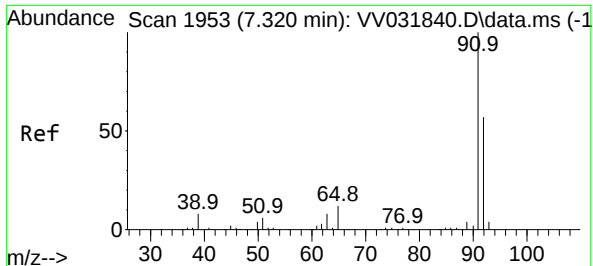
Ion Ratio Lower Upper

43 100

58 42.3 31.4 47.2

100 16.8 11.2 16.8





#42

Toluene

Concen: 3.831 ug/L

RT: 7.320 min Scan# 1953

Delta R.T. -0.000 min

Lab File: VV031843.D

Acq: 18 Aug 2023 15:56

Instrument :

MSVOA_V

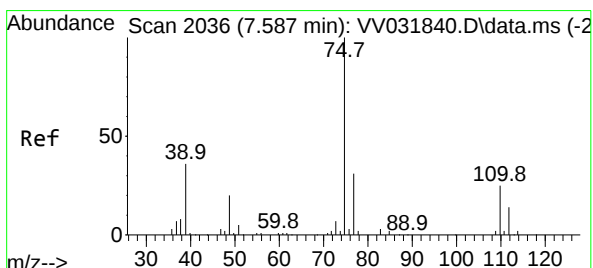
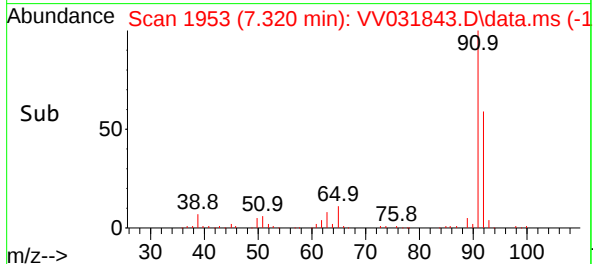
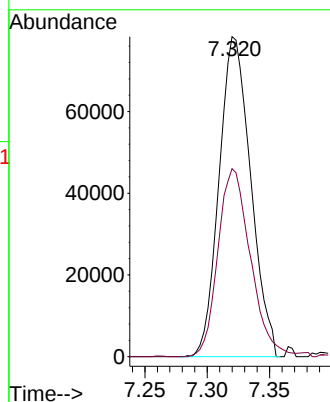
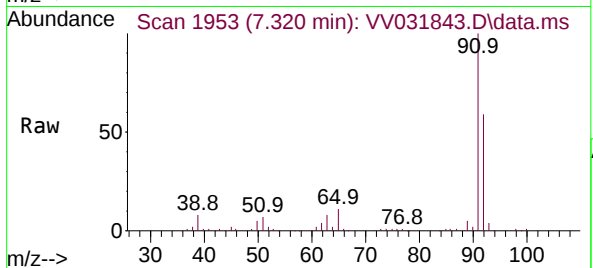
ClientSampleId :

Tgt Ion: 91 Resp: 138291

Ion Ratio Lower Upper

91 100

92 58.8 39.8 74.0



#44

trans-1,3-Dichloropropene

Concen: 3.726 ug/L

RT: 7.587 min Scan# 2036

Delta R.T. -0.000 min

Lab File: VV031843.D

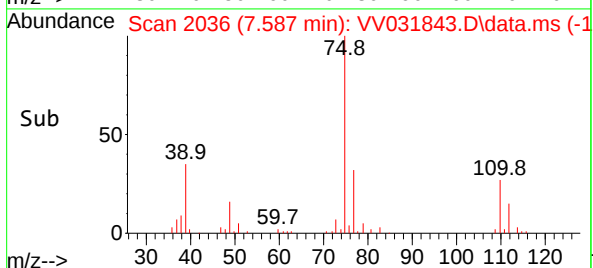
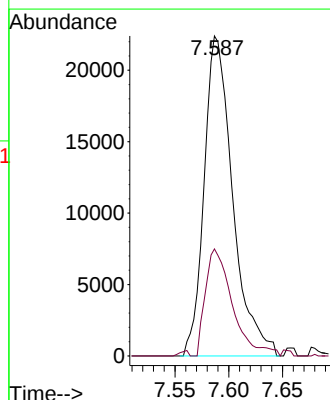
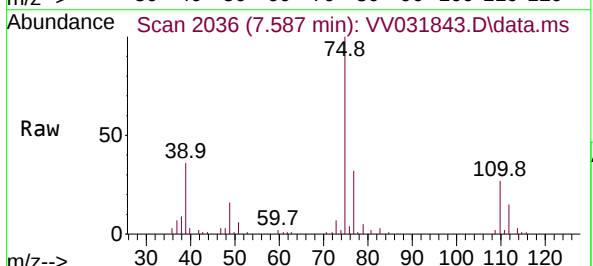
Acq: 18 Aug 2023 15:56

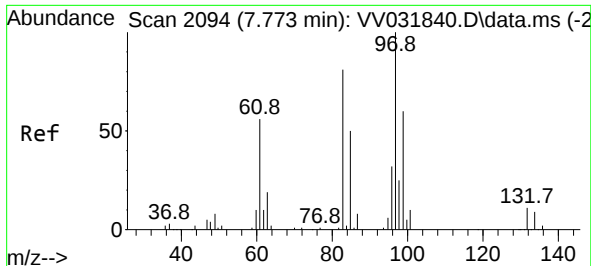
Tgt Ion: 75 Resp: 41363

Ion Ratio Lower Upper

75 100

77 33.4 22.4 41.6

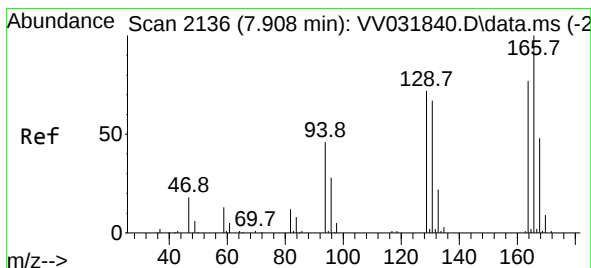
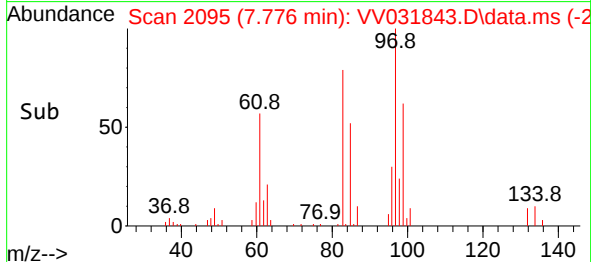
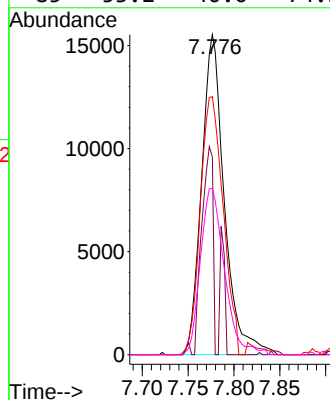
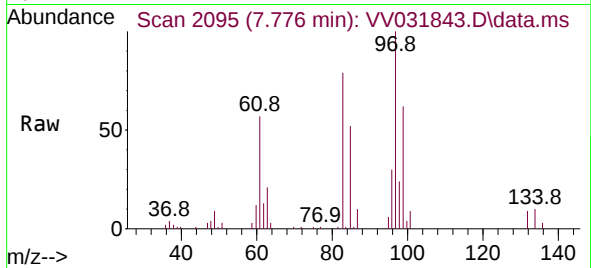




#45
1,1,2-Trichloroethane
Concen: 3.397 ug/L
RT: 7.776 min Scan# 2094
Delta R.T. 0.003 min
Lab File: VV031843.D
Acq: 18 Aug 2023 15:56

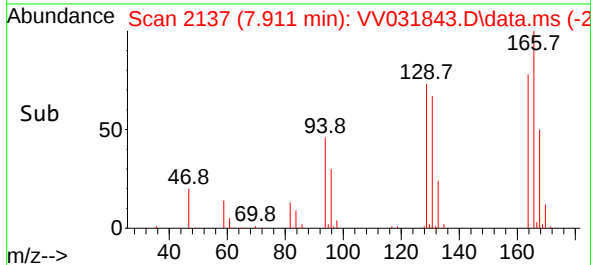
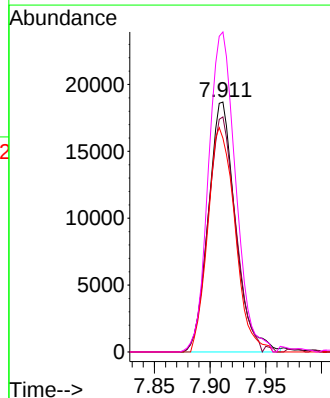
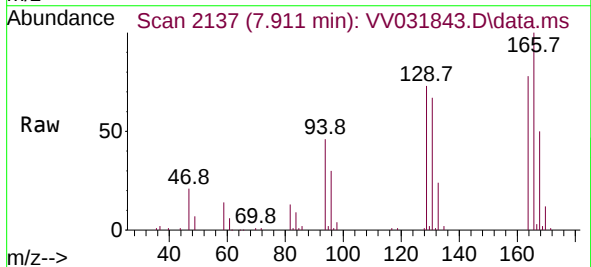
Instrument :
MSVOA_V
ClientSampleId :

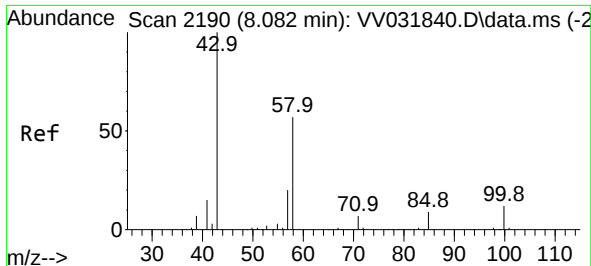
Tgt Ion: 97	Resp: 26784
Ion Ratio	Lower Upper
97 100	
99 61.8	43.0 79.8
83 80.6	63.8 118.4
85 53.2	40.0 74.2



#47
Tetrachloroethene
Concen: 4.168 ug/L
RT: 7.911 min Scan# 2137
Delta R.T. 0.003 min
Lab File: VV031843.D
Acq: 18 Aug 2023 15:56

Tgt	Ion:164	Resp:	31817
Ion	Ratio	Lower	Upper
164	100		
129	94.0	62.9	116.7
131	85.5	61.2	113.8
166	128.0	84.0	156.0

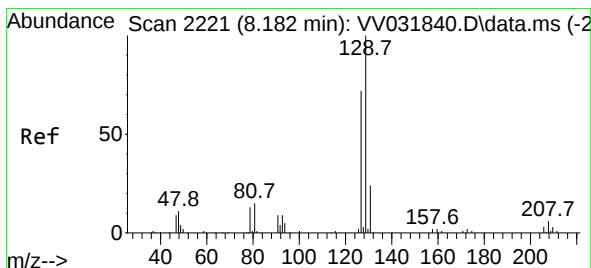
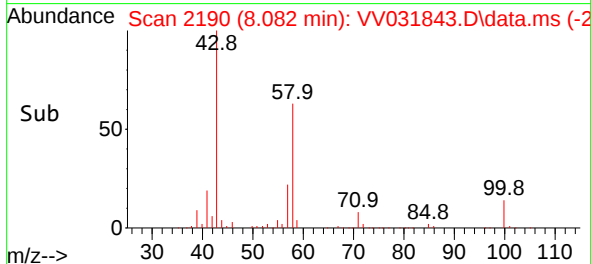
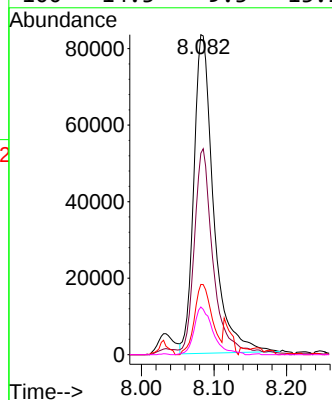
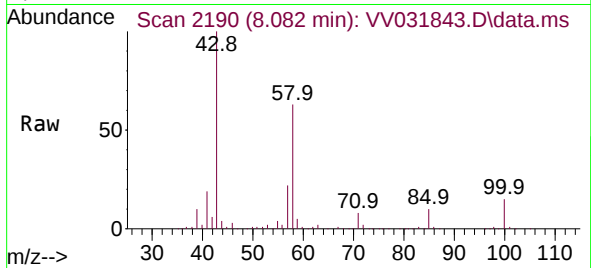




#48
2-Hexanone
Concen: 36.802 ug/L
RT: 8.082 min Scan# 2190
Delta R.T. -0.000 min
Lab File: VV031843.D
Acq: 18 Aug 2023 15:56

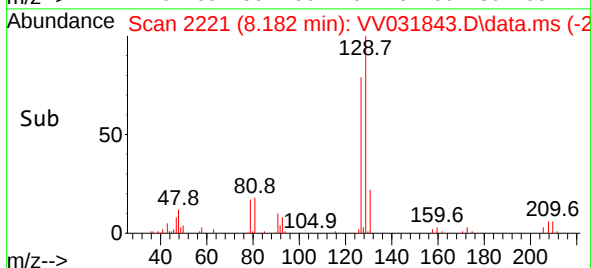
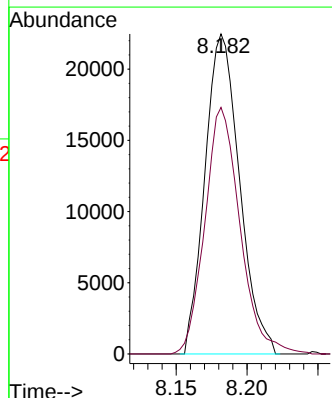
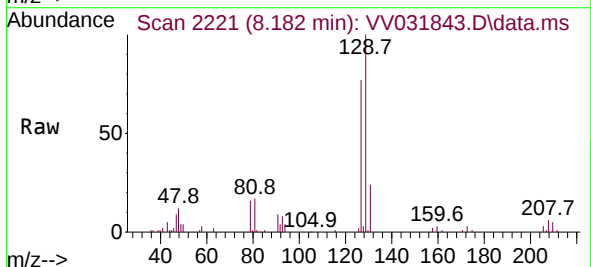
Instrument :
MSVOA_V
ClientSampleId :

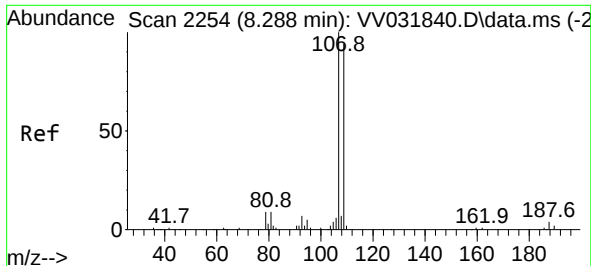
Tgt Ion: 43 Resp: 158102
Ion Ratio Lower Upper
43 100
58 58.2 44.4 66.6
57 19.6 15.0 22.6
100 14.3 9.3 13.9#



#49
Dibromochloromethane
Concen: 4.290 ug/L
RT: 8.182 min Scan# 2221
Delta R.T. -0.000 min
Lab File: VV031843.D
Acq: 18 Aug 2023 15:56

Tgt Ion:129 Resp: 38208
Ion Ratio Lower Upper
129 100
127 77.0 55.6 103.2





#50

1,2-Dibromoethane

Concen: 4.219 ug/L

RT: 8.288 min Scan# 21

Delta R.T. -0.000 min

Lab File: VV031843.D

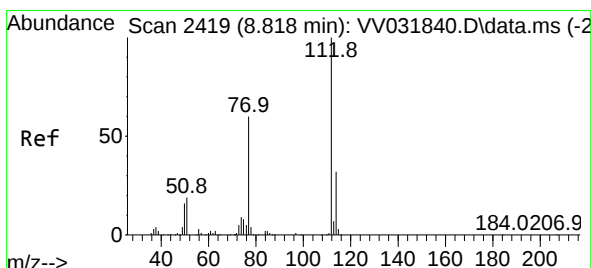
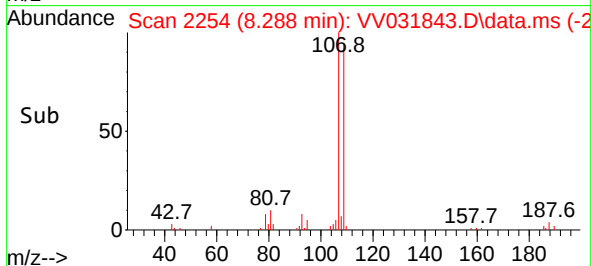
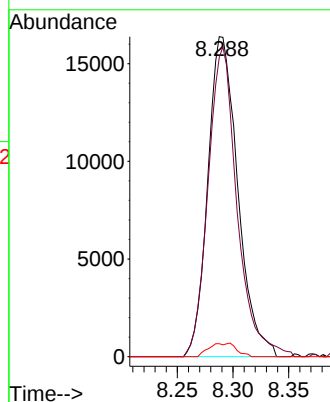
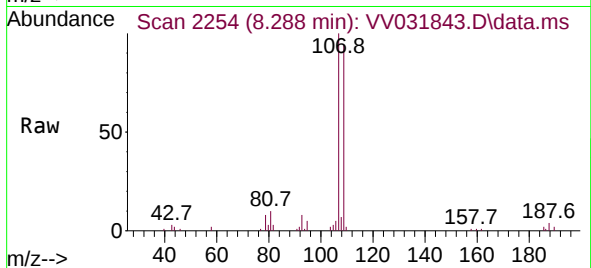
Acq: 18 Aug 2023 15:56

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion:	107	Resp:	30637
Ion	Ratio	Lower	Upper
107	100		
109	95.8	63.6	118.0
188	4.0	3.2	4.8



#51

Chlorobenzene

Concen: 5.334 ug/L

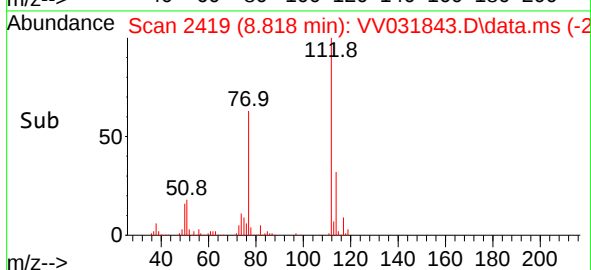
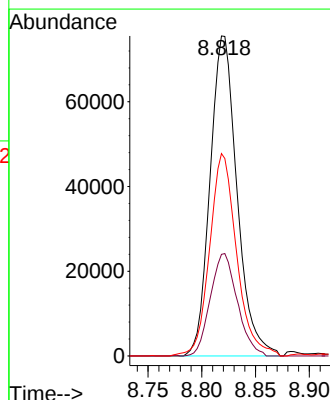
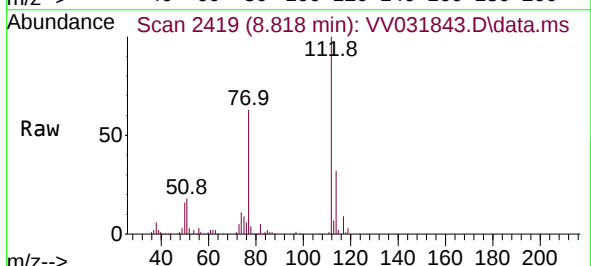
RT: 8.818 min Scan# 2419

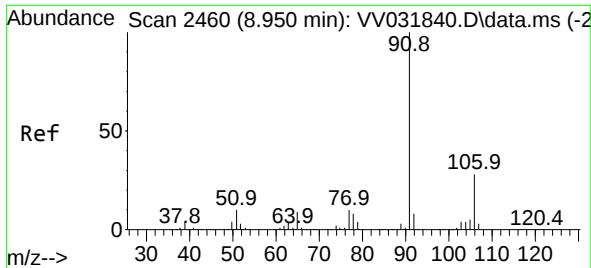
Delta R.T. -0.000 min

Lab File: VV031843.D

Acq: 18 Aug 2023 15:56

Tgt Ion:	112	Resp:	131720
Ion	Ratio	Lower	Upper
112	100		
114	29.7	20.5	38.1
77	63.2	45.0	67.6

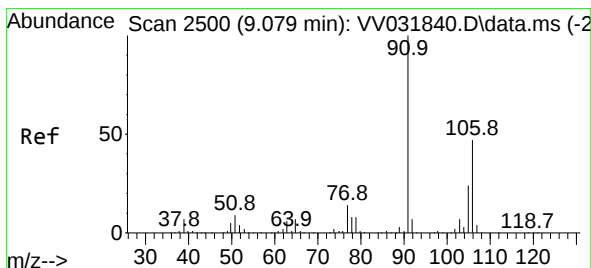
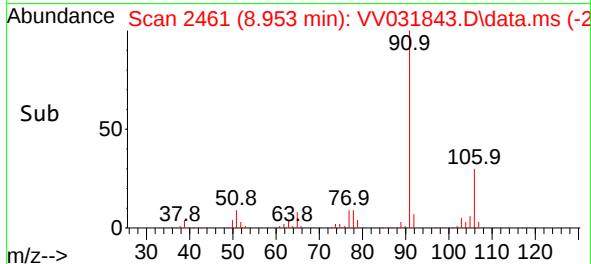
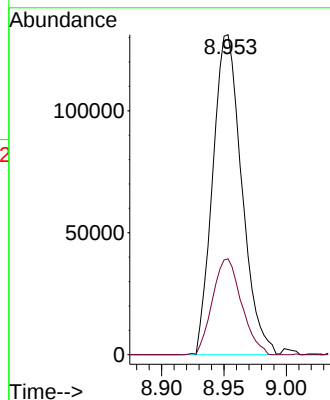
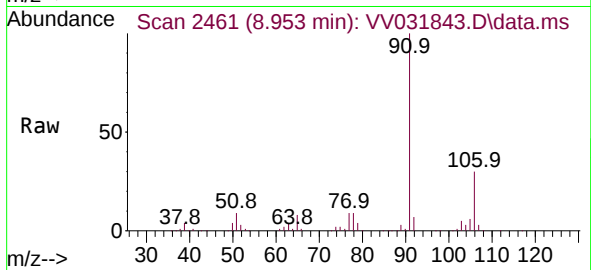




#52
Ethylbenzene
Concen: 5.846 ug/L
RT: 8.953 min Scan# 2461
Delta R.T. 0.003 min
Lab File: VV031843.D
Acq: 18 Aug 2023 15:56

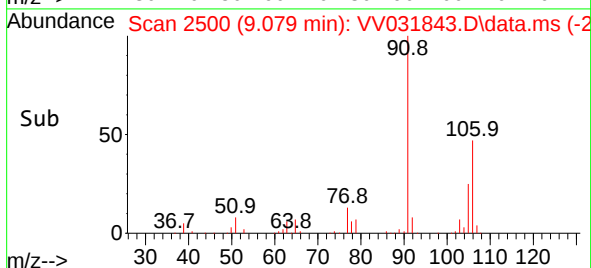
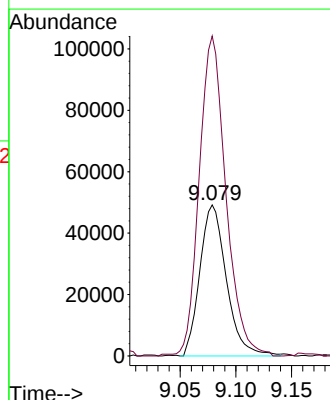
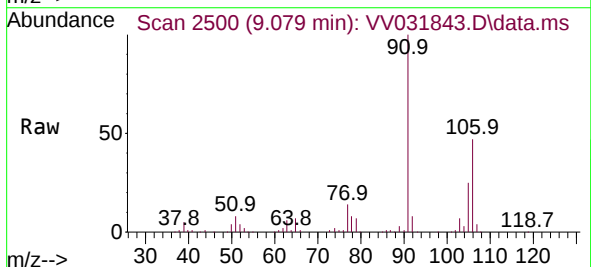
Instrument :
MSVOA_V
ClientSampleId :

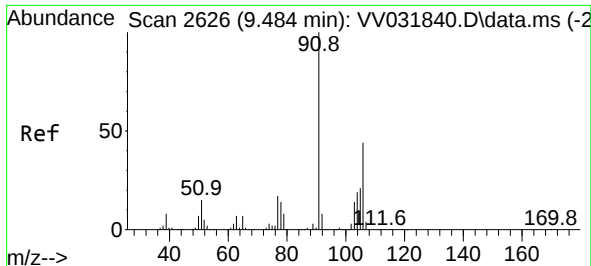
Tgt Ion: 91 Resp: 212531
Ion Ratio Lower Upper
91 100
106 29.9 20.9 38.7



#53
m,p-Xylene
Concen: 6.270 ug/L
RT: 9.079 min Scan# 2500
Delta R.T. -0.000 min
Lab File: VV031843.D
Acq: 18 Aug 2023 15:56

Tgt Ion: 106 Resp: 81578
Ion Ratio Lower Upper
106 100
91 211.9 155.7 289.1

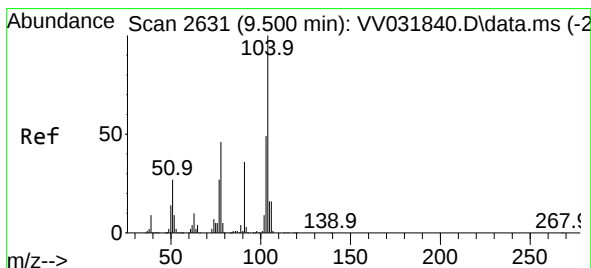
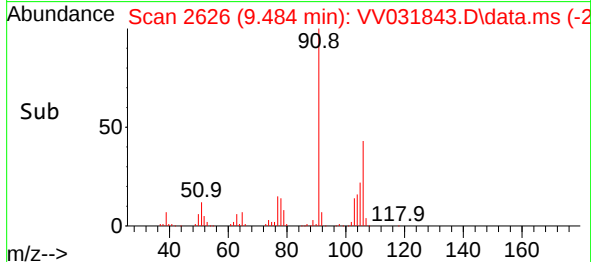
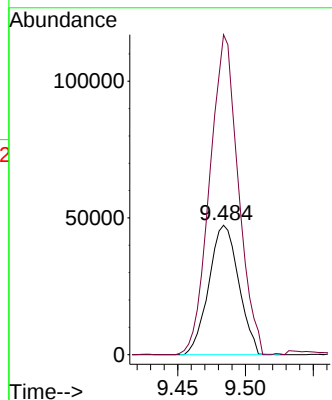
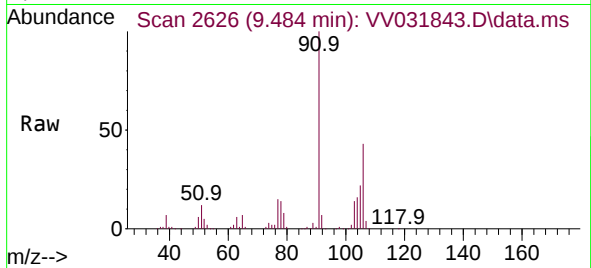




#54
o-Xylene
Concen: 5.854 ug/L
RT: 9.484 min Scan# 2626
Delta R.T. -0.000 min
Lab File: VV031843.D
Acq: 18 Aug 2023 15:56

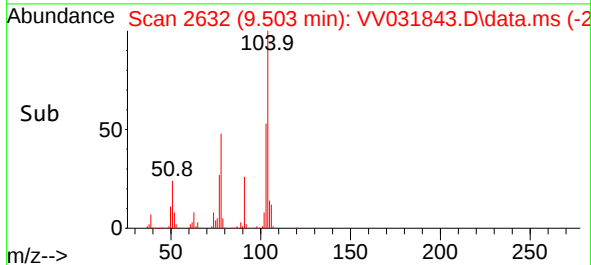
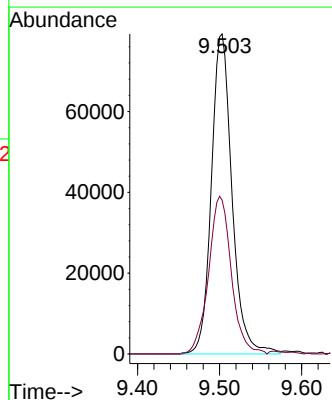
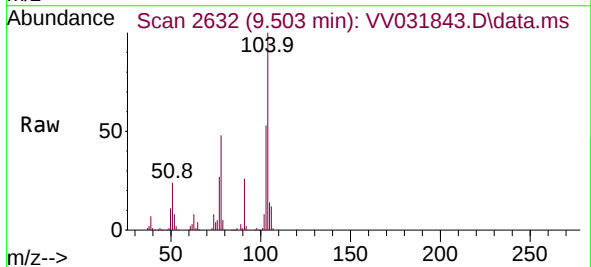
Instrument :
MSVOA_V
ClientSampleId :

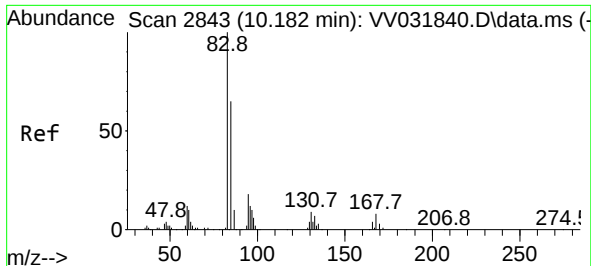
Tgt Ion:106 Resp: 72486
Ion Ratio Lower Upper
106 100
91 247.2 154.0 286.0



#55
Styrene
Concen: 6.122 ug/L
RT: 9.503 min Scan# 2632
Delta R.T. 0.003 min
Lab File: VV031843.D
Acq: 18 Aug 2023 15:56

Tgt Ion:104 Resp: 138293
Ion Ratio Lower Upper
104 100
78 48.1 33.9 63.0





#57

1,1,2,2-Tetrachloroethane

Concen: 5.332 ug/L

RT: 10.185 min Scan# 2843

Delta R.T. 0.003 min

Lab File: VV031843.D

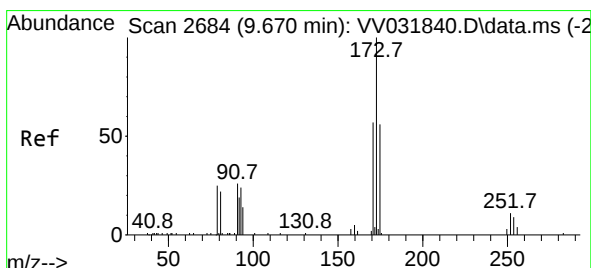
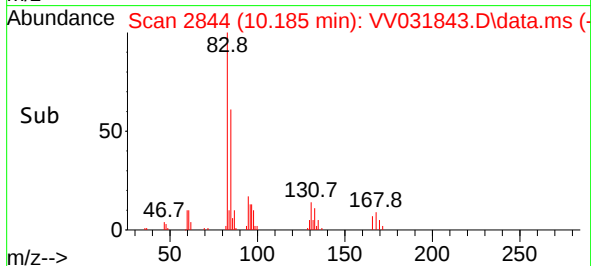
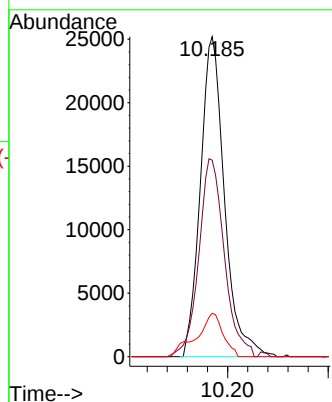
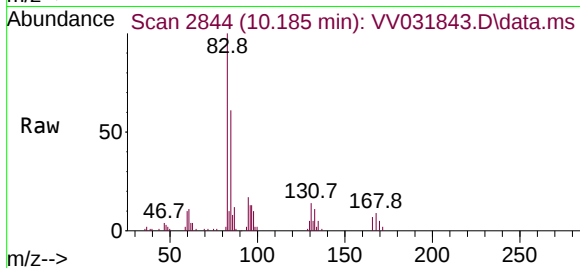
Acq: 18 Aug 2023 15:56

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion:	83	Resp:	41882
Ion	Ratio	Lower	Upper
83	100		
85	61.4	45.4	84.4
131	13.6	8.7	13.1



#59

Bromoform

Concen: 5.373 ug/L

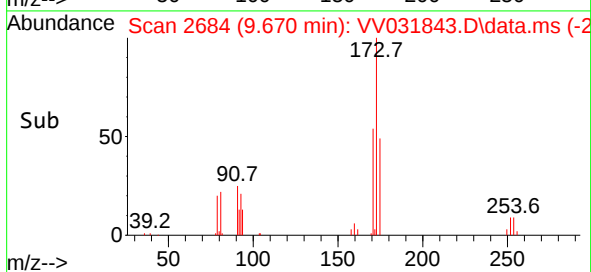
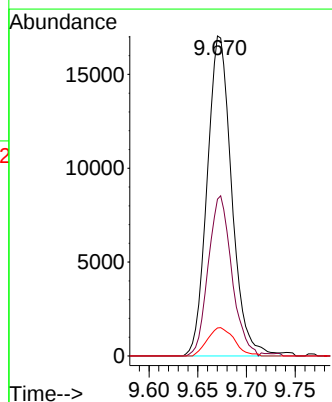
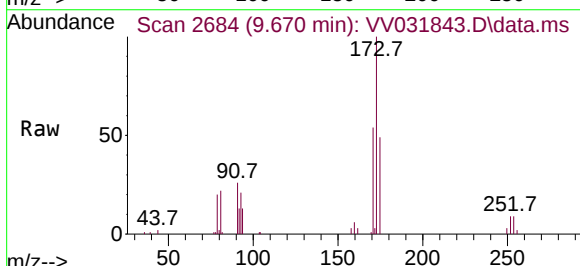
RT: 9.670 min Scan# 2684

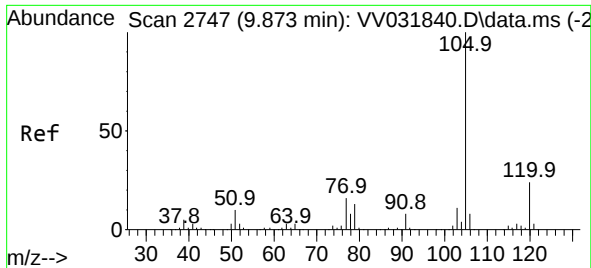
Delta R.T. -0.000 min

Lab File: VV031843.D

Acq: 18 Aug 2023 15:56

Tgt Ion:	173	Resp:	29829
Ion	Ratio	Lower	Upper
173	100		
175	48.2	40.4	60.6
254	9.7	7.6	11.4

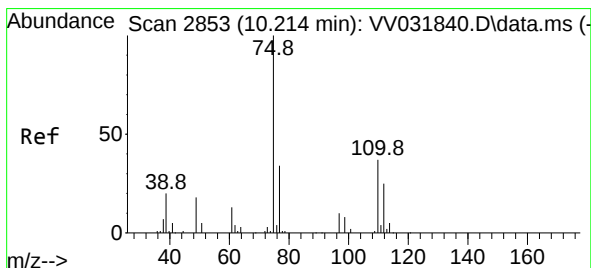
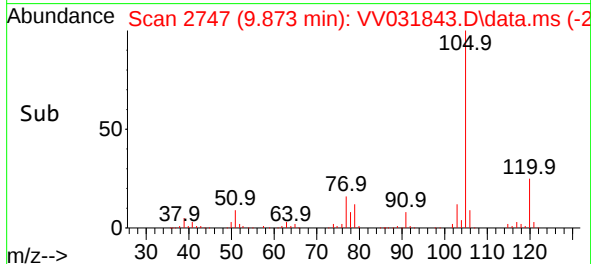
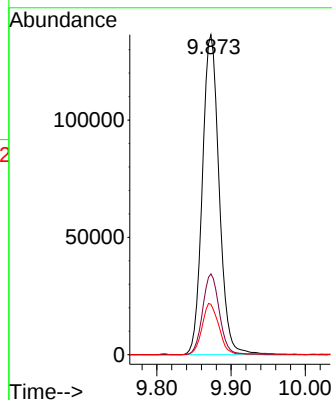
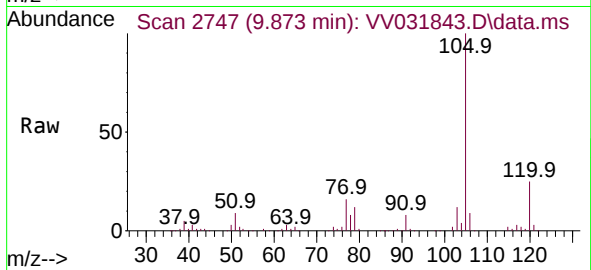




#60
Isopropylbenzene
Concen: 5.597 ug/L
RT: 9.873 min Scan# 21
Delta R.T. -0.000 min
Lab File: VV031843.D
Acq: 18 Aug 2023 15:56

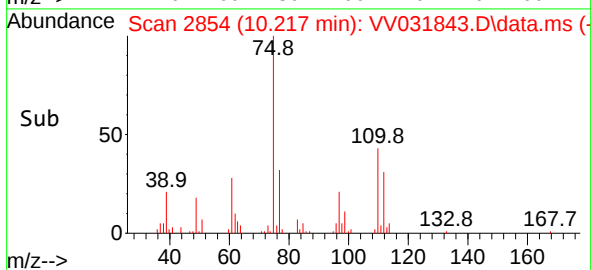
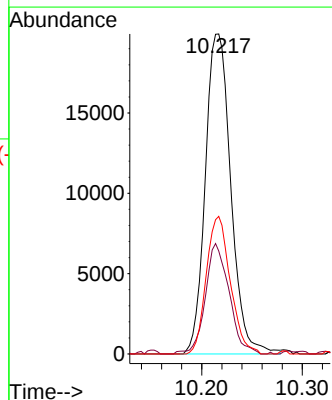
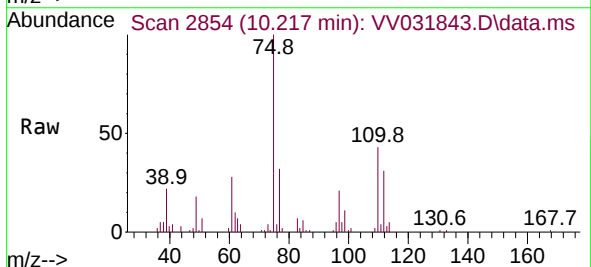
Instrument :
MSVOA_V
ClientSampleId :

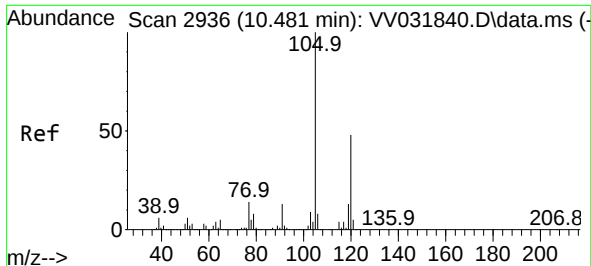
Tgt Ion:105 Resp: 214115
Ion Ratio Lower Upper
105 100
120 25.3 20.6 30.8
77 16.1 14.2 21.2



#61
1,2,3-Trichloropropane
Concen: 4.502 ug/L
RT: 10.217 min Scan# 2854
Delta R.T. 0.003 min
Lab File: VV031843.D
Acq: 18 Aug 2023 15:56

Tgt Ion: 75 Resp: 35191
Ion Ratio Lower Upper
75 100
77 32.1 26.6 40.0
110 40.4 32.0 48.0

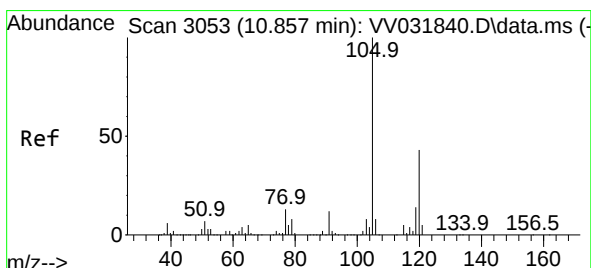
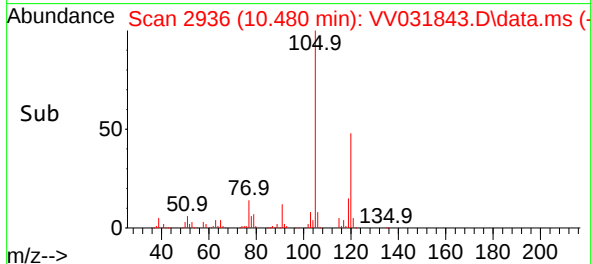
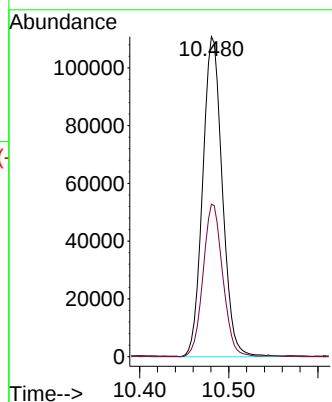
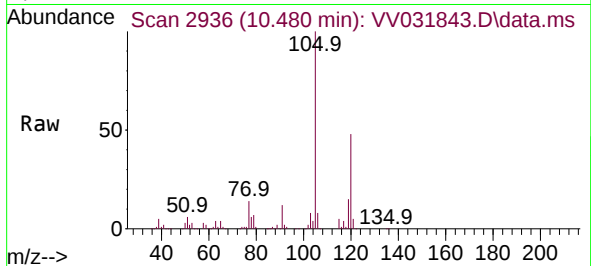




#62
 1,3,5-Trimethylbenzene
 Concen: 5.465 ug/L
 RT: 10.480 min Scan# 2936
 Delta R.T. -0.000 min
 Lab File: VV031843.D
 Acq: 18 Aug 2023 15:56

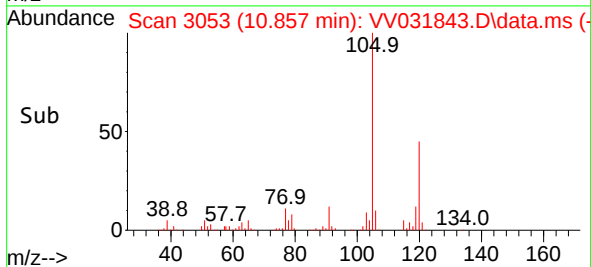
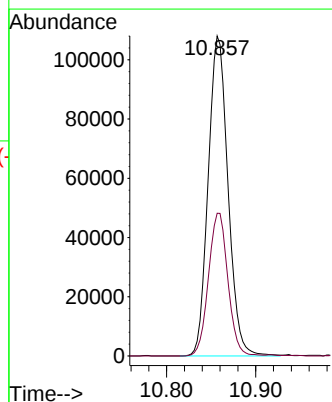
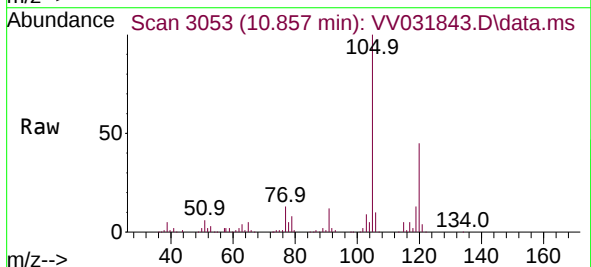
Instrument :
 MSVOA_V
 ClientSampleId :

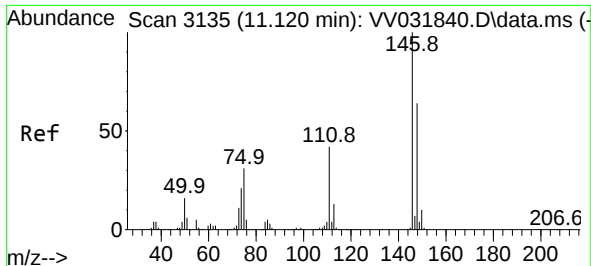
Tgt Ion:105 Resp: 169770
 Ion Ratio Lower Upper
 105 100
 120 47.6 37.5 56.3



#63
 1,2,4-Trimethylbenzene
 Concen: 5.358 ug/L
 RT: 10.857 min Scan# 3053
 Delta R.T. -0.000 min
 Lab File: VV031843.D
 Acq: 18 Aug 2023 15:56

Tgt Ion:105 Resp: 166819
 Ion Ratio Lower Upper
 105 100
 120 43.7 34.5 51.7

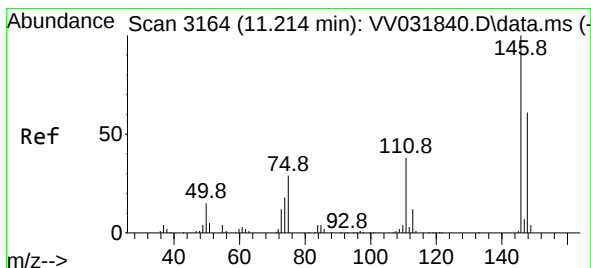
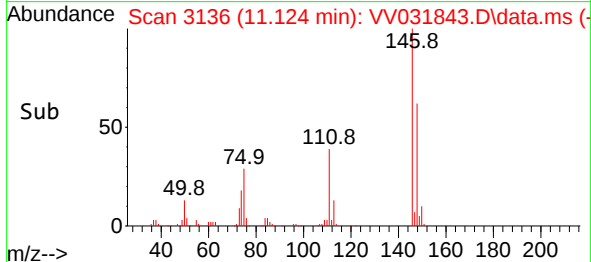
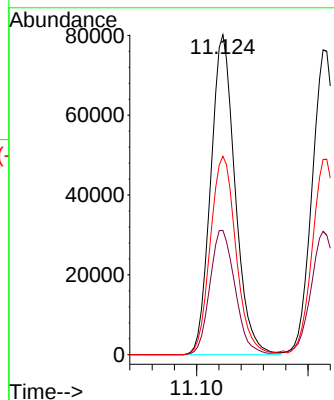
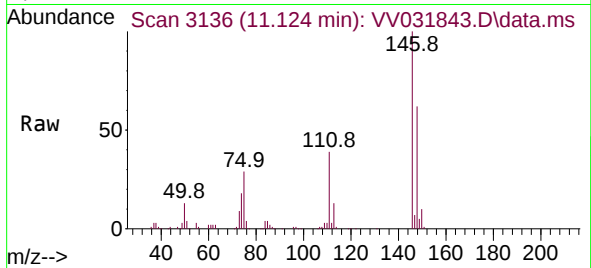




#64
1,3-Dichlorobenzene
Concen: 5.495 ug/L
RT: 11.124 min Scan# 3135
Delta R.T. 0.003 min
Lab File: VV031843.D
Acq: 18 Aug 2023 15:56

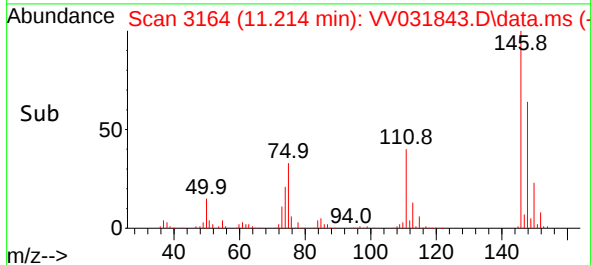
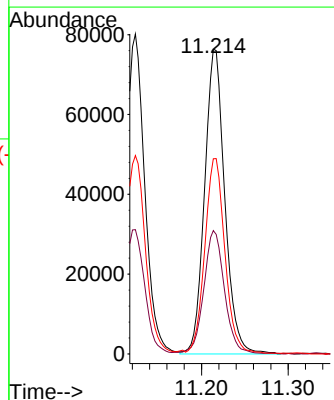
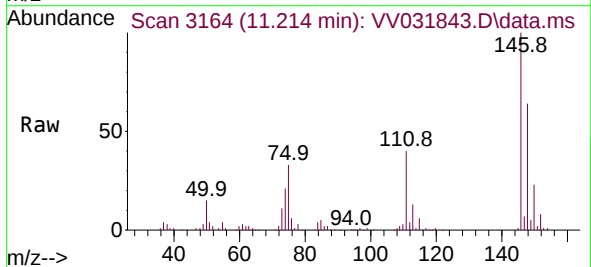
Instrument :
MSVOA_V
ClientSampleId :

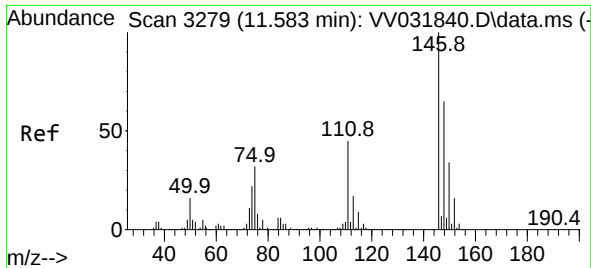
Tgt Ion:146 Resp: 121999
Ion Ratio Lower Upper
146 100
111 38.9 28.2 52.4
148 62.0 45.6 84.6



#65
1,4-Dichlorobenzene
Concen: 5.508 ug/L
RT: 11.214 min Scan# 3164
Delta R.T. -0.000 min
Lab File: VV031843.D
Acq: 18 Aug 2023 15:56

Tgt Ion:146 Resp: 123816
Ion Ratio Lower Upper
146 100
111 40.5 26.2 48.8
148 64.1 43.0 80.0





#67

1,2-Dichlorobenzene

Concen: 5.339 ug/L

RT: 11.583 min Scan# 31

Delta R.T. -0.000 min

Lab File: VV031843.D

Acq: 18 Aug 2023 15:56

Instrument :

MSVOA_V

ClientSampleId :

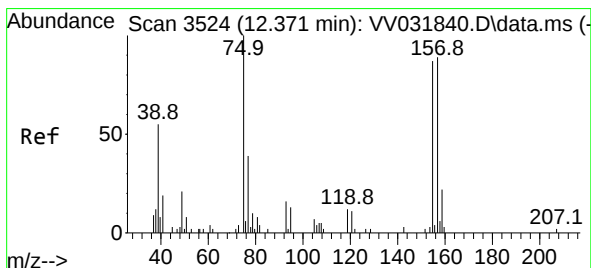
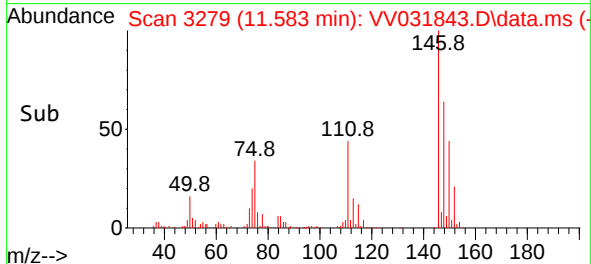
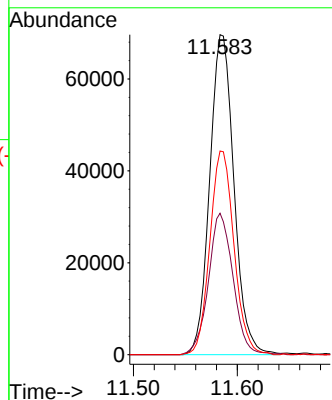
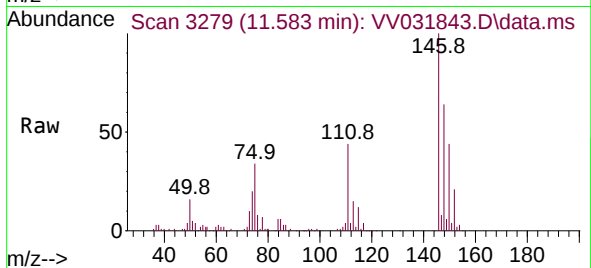
Tgt Ion:146 Resp: 112902

Ion Ratio Lower Upper

146 100

111 44.2 36.1 54.1

148 63.6 52.1 78.1



#68

1,2-Dibromo-3-chloropropane

Concen: 5.257 ug/L

RT: 12.374 min Scan# 3525

Delta R.T. 0.003 min

Lab File: VV031843.D

Acq: 18 Aug 2023 15:56

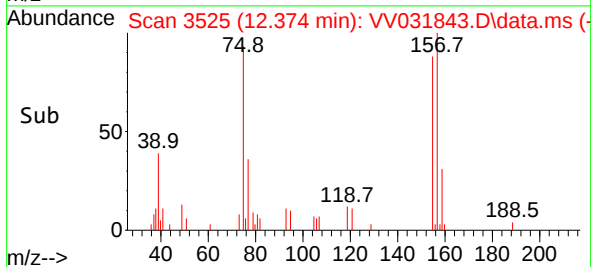
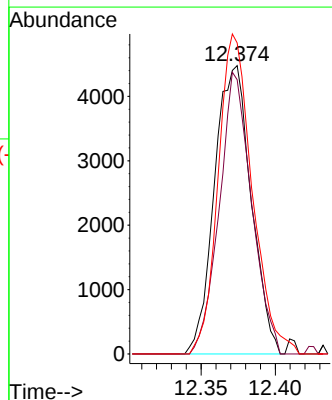
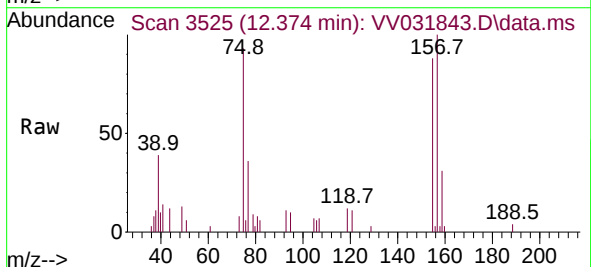
Tgt Ion: 75 Resp: 7695

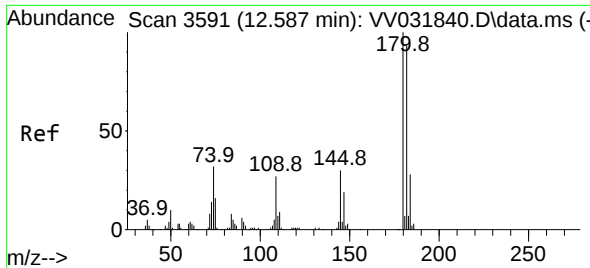
Ion Ratio Lower Upper

75 100

155 95.2 63.8 95.6

157 107.9 82.6 124.0

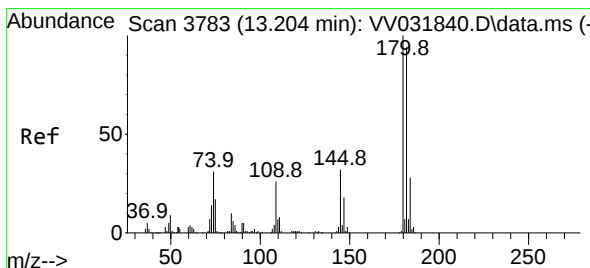
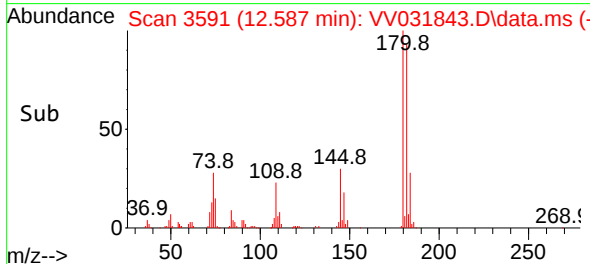
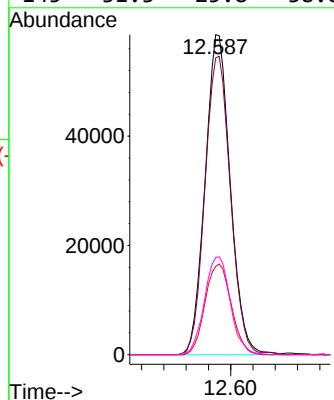
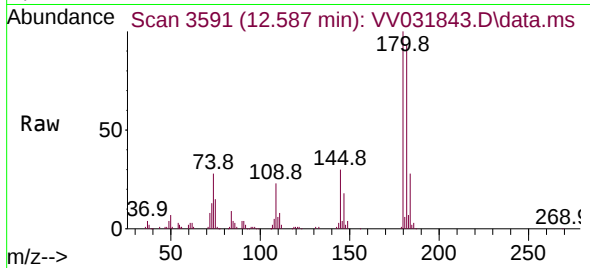




#69
 1,3,5-Trichlorobenzene
 Concen: 5.776 ug/L
 RT: 12.587 min Scan# 3591
 Delta R.T. -0.000 min
 Lab File: VV031843.D
 Acq: 18 Aug 2023 15:56

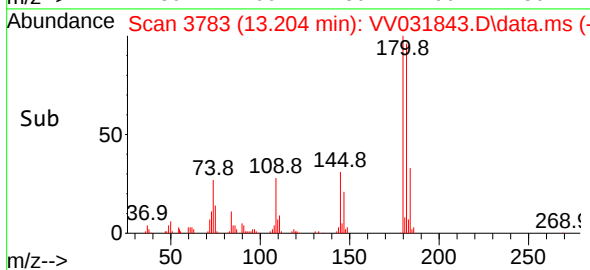
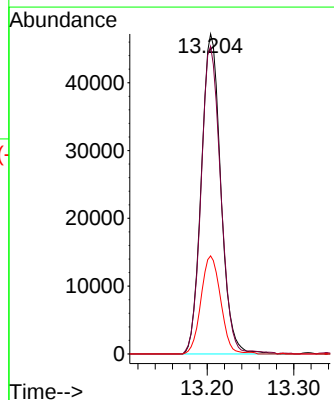
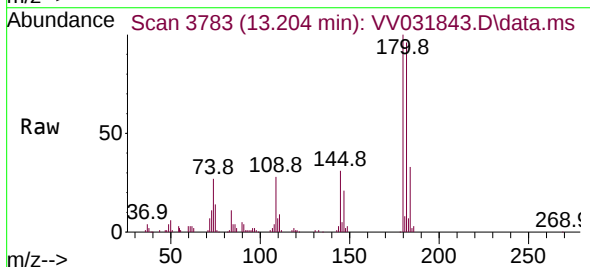
Instrument :
 MSVOA_V
 ClientSampleId :

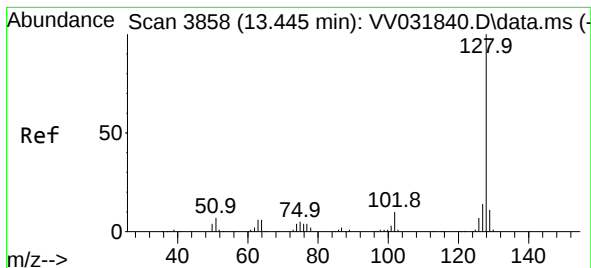
Tgt Ion:180	Resp:	91696
Ion Ratio	Lower	Upper
180	100	
182	94.6	76.3 114.5
184	29.4	23.7 35.5
145	31.3	25.8 38.8



#70
 1,2,4-trichlorobenzene
 Concen: 5.502 ug/L
 RT: 13.204 min Scan# 3783
 Delta R.T. -0.000 min
 Lab File: VV031843.D
 Acq: 18 Aug 2023 15:56

Tgt Ion:180	Resp:	73497
Ion Ratio	Lower	Upper
180	100	
182	97.2	75.2 112.8
145	30.7	25.0 37.4





#71

Naphthalene

Concen: 5.525 ug/L

RT: 13.445 min Scan# 3858

Delta R.T. -0.000 min

Lab File: VV031843.D

Acq: 18 Aug 2023 15:56

Instrument :

MSVOA_V

ClientSampleId :

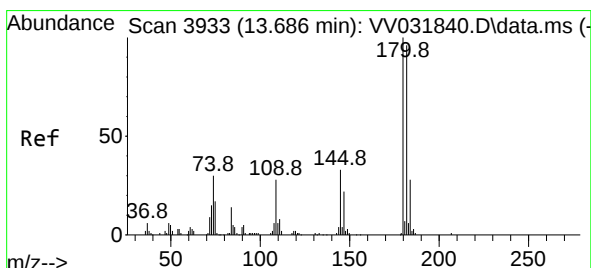
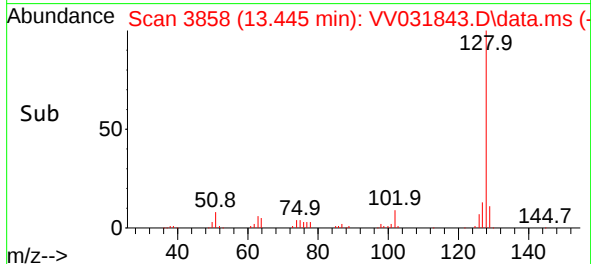
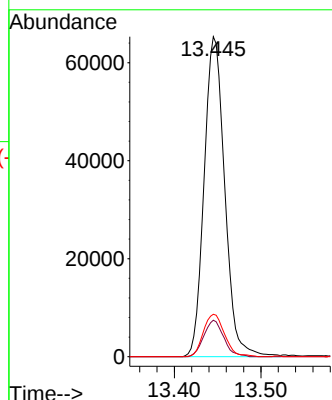
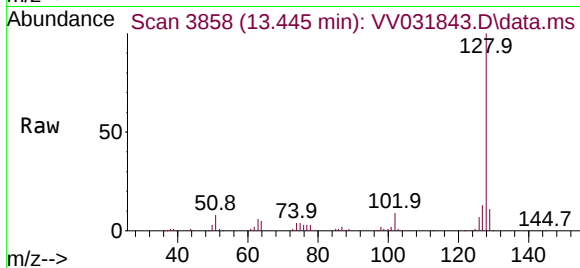
Tgt Ion:128 Resp: 107971

Ion Ratio Lower Upper

128 100

129 11.0 8.6 12.8

127 13.6 11.0 16.4



#72

1,2,3-Trichlorobenzene

Concen: 5.764 ug/L

RT: 13.686 min Scan# 3933

Delta R.T. -0.000 min

Lab File: VV031843.D

Acq: 18 Aug 2023 15:56

Tgt Ion:180 Resp: 69598

Ion Ratio Lower Upper

180 100

182 93.8 75.9 113.9

145 33.0 27.6 41.4

