

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW060123\
 Data File : VW031318.D
 Acq On : 01 Jun 2023 15:13
 Operator : SY/MD
 Sample : VSTD01056
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD010256

Quant Time: Jun 02 02:05:32 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR060123WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Jun 02 02:03:19 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.542	114	139350	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.792	117	147217	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.191	152	80791	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	146380	11.990	ug/L	0.00
7) Chloroethane-d5	1.532	69	123306	9.909	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.059	65	70847	11.380	ug/L	0.00
20) 2-Butanone-d5	3.831	46	301205	78.794	ug/L	0.00
24) Chloroform-d	4.256	84	255226	9.402	ug/L	0.00
26) 1,2-Dichloroethane-d4	4.950	65	135043	9.364	ug/L	0.00
32) Benzene-d6	4.966	84	486402	9.526	ug/L	0.00
36) 1,2-Dichloropropane-d6	5.995	67	161736	9.047	ug/L	0.00
41) Toluene-d8	7.249	98	474619	10.308	ug/L	0.00
43) trans-1,3-Dichloroprop...	7.558	79	61183	10.156	ug/L	0.00
46) 2-Hexanone-d5	8.034	63	275587	99.671	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.159	84	124637	9.040	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	11.567	152	151025	9.308	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.108	85	180390	8.247	ug/L	97
3) Chloromethane	1.214	50	178837	8.572	ug/L	100
5) Vinyl chloride	1.281	62	183570	8.766	ug/L	97
6) Bromomethane	1.490	94	102196	8.737	ug/L	95
8) Chloroethane	1.551	64	109932	8.377	ug/L	100
9) Trichlorofluoromethane	1.715	101	268586	8.574	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.069	101	147207	8.392	ug/L	99
12) 1,1-Dichloroethene	2.069	96	126292	8.528	ug/L	88
13) Acetone	2.159	43	325448	94.627	ug/L	89
14) Carbon disulfide	2.243	76	390516	8.781	ug/L	100
15) Methyl Acetate	2.391	43	81200	13.048	ug/L #	90
16) Methylene chloride	2.449	84	138820	6.934	ug/L	98
17) Methyl tert-butyl Ether	2.712	73	304736	9.491	ug/L	98
18) trans-1,2-Dichloroethene	2.696	96	120008	8.568	ug/L	98
19) 1,1-Dichloroethane	3.117	63	267111	8.613	ug/L	98
21) 2-Butanone	3.905	43	459085	104.976	ug/L	96
22) cis-1,2-Dichloroethene	3.821	96	127172	8.713	ug/L	99
23) Bromochloromethane	4.156	128	58087	8.845	ug/L	96
25) Chloroform	4.284	83	276529	8.491	ug/L	100
27) 1,2-Dichloroethane	5.050	62	165760	9.202	ug/L	97
29) 1,1,1-Trichloroethane	4.519	97	235507	8.282	ug/L	98
30) Cyclohexane	4.590	56	236404	8.941	ug/L	99
31) Carbon tetrachloride	4.741	117	209210	8.227	ug/L	100
33) Benzene	5.018	78	537950	8.699	ug/L	100
34) Trichloroethene	5.837	95	137847	8.129	ug/L	96
35) Methylcyclohexane	6.056	83	211167	8.430	ug/L	95
37) 1,2-Dichloropropane	6.101	63	150106	9.041	ug/L	98
38) Bromodichloromethane	6.439	83	191716	8.535	ug/L	98
39) cis-1,3-Dichloropropene	6.960	75	215178	9.507	ug/L	97
40) 4-Methyl-2-pentanone	7.169	43	1024898	102.884	ug/L	99
42) Toluene	7.320	91	586286	9.090	ug/L	98
44) trans-1,3-Dichloropropene	7.587	75	184610	9.827	ug/L	99

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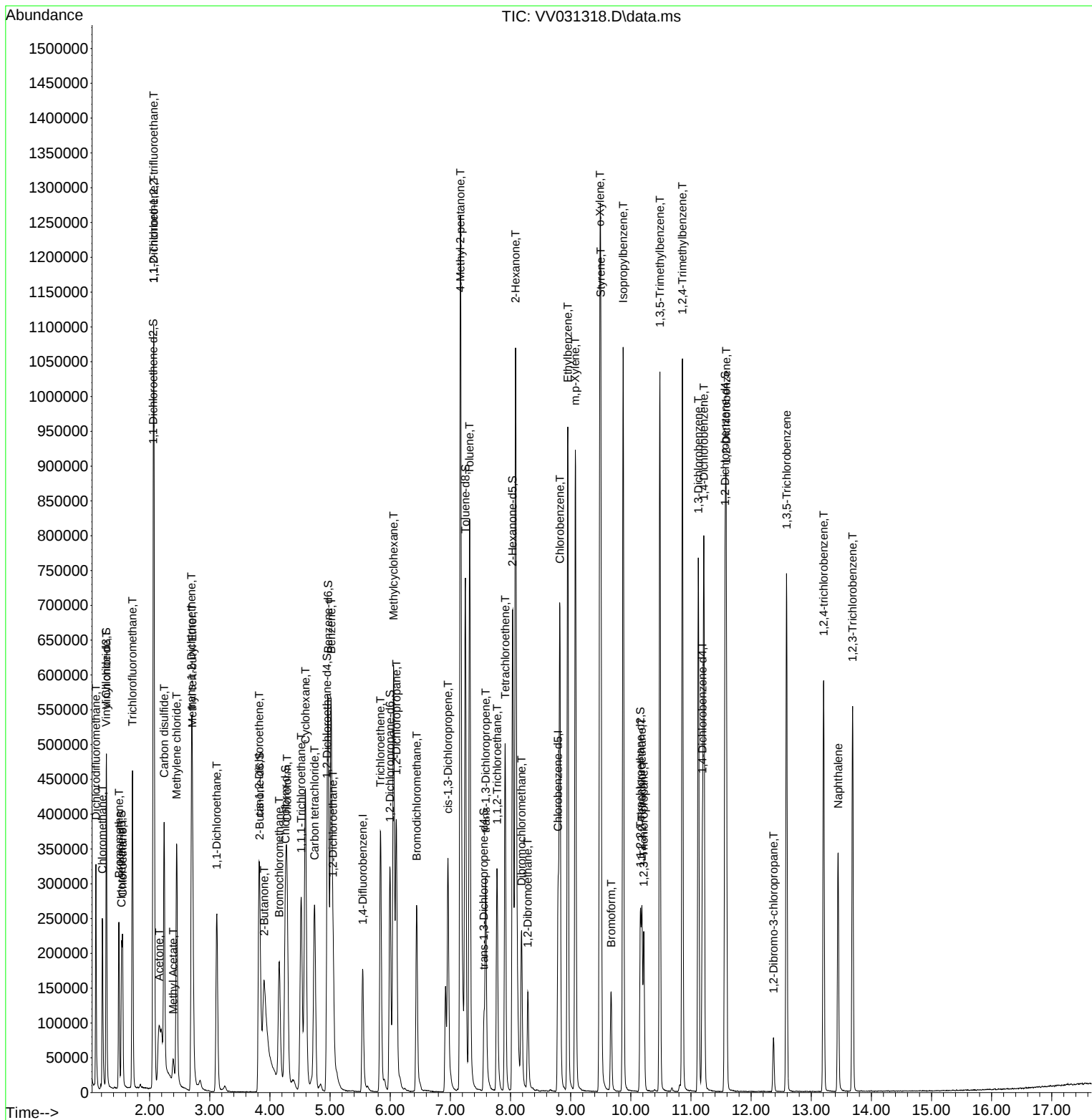
Quant Time: Jun 02 02:05:32 2023
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 QLast Update : Fri Jun 02 02:03:19 2023
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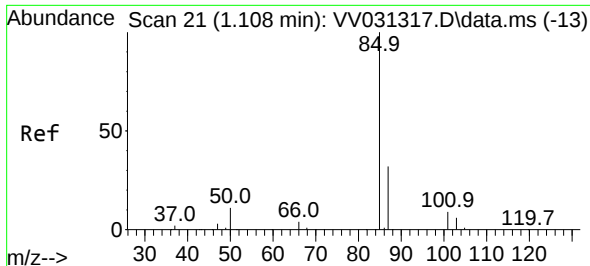
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

45) 1,1,2-Trichloroethane	7.776	97	103209	8.874	ug/L	99
47) Tetrachloroethene	7.911	164	107271	8.309	ug/L	97
48) 2-Hexanone	8.085	43	827887	109.515	ug/L	99
49) Dibromochloromethane	8.185	129	117258	8.906	ug/L	97
50) 1,2-Dibromoethane	8.288	107	96577	8.653	ug/L	94
51) Chlorobenzene	8.821	112	345186	8.717	ug/L	99
52) Ethylbenzene	8.953	91	634104	9.366	ug/L	99
53) m,p-Xylene	9.079	106	231226	9.495	ug/L	98
54) o-Xylene	9.487	106	217928	9.513	ug/L	97
55) Styrene	9.503	104	398475	9.843	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.185	83	125889	9.078	ug/L	98
59) Bromoform	9.673	173	63157	8.461	ug/L	99
60) Isopropylbenzene	9.873	105	620558	9.374	ug/L	100
61) 1,2,3-Trichloropropane	10.217	75	93488	8.998	ug/L	98
62) 1,3,5-Trimethylbenzene	10.484	105	509371	9.464	ug/L	100
63) 1,2,4-Trimethylbenzene	10.860	105	535043	9.703	ug/L	99
64) 1,3-Dichlorobenzene	11.123	146	281789	8.811	ug/L	98
65) 1,4-Dichlorobenzene	11.217	146	284271	8.817	ug/L	98
67) 1,2-Dichlorobenzene	11.586	146	265247	8.964	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.374	75	20659	8.682	ug/L	98
69) 1,3,5-Trichlorobenzene	12.590	180	206514	8.752	ug/L	99
70) 1,2,4-trichlorobenzene	13.207	180	165689	9.479	ug/L	99
71) Naphthalene	13.448	128	250264	10.208	ug/L	98
72) 1,2,3-Trichlorobenzene	13.689	180	151885	9.406	ug/L	98

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

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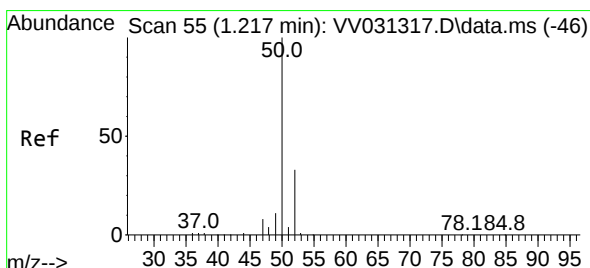
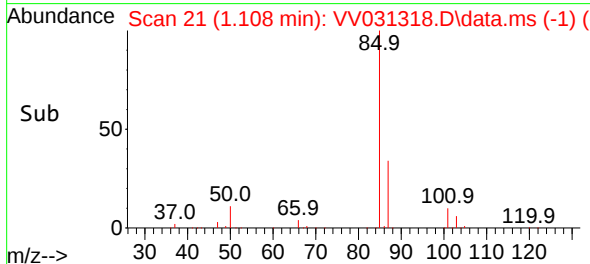
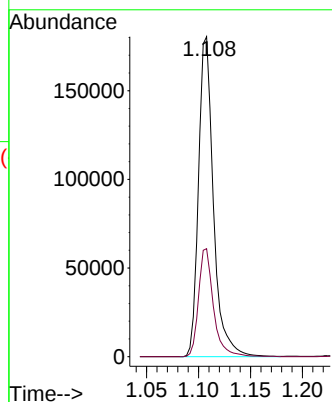
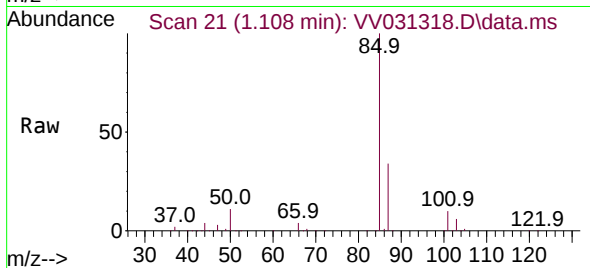




#2
 Dichlorodifluoromethane
 Concen: 8.247 ug/L
 RT: 1.108 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VV031318.D
 Acq: 01 Jun 2023 15:13

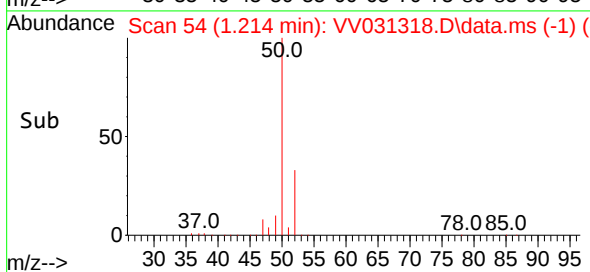
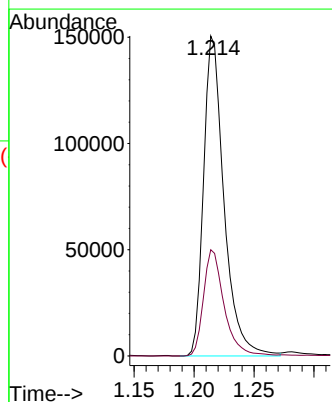
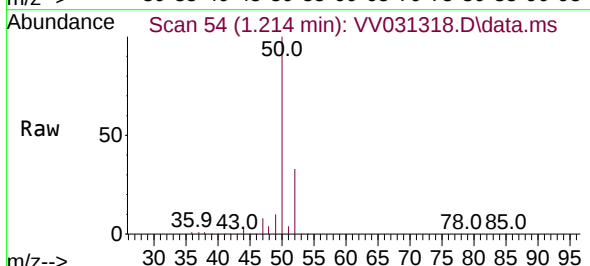
Instrument :
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 ClientSampleId :
 VSTD010256

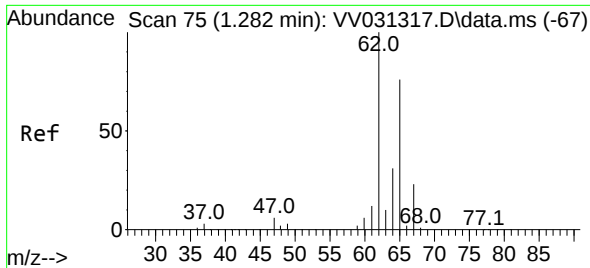
Tgt Ion: 85 Resp: 180390
 Ion Ratio Lower Upper
 85 100
 87 33.8 25.6 38.4



#3
 Chloromethane
 Concen: 8.572 ug/L
 RT: 1.214 min Scan# 54
 Delta R.T. -0.003 min
 Lab File: VV031318.D
 Acq: 01 Jun 2023 15:13

Tgt Ion: 50 Resp: 178837
 Ion Ratio Lower Upper
 50 100
 52 33.2 23.2 43.2

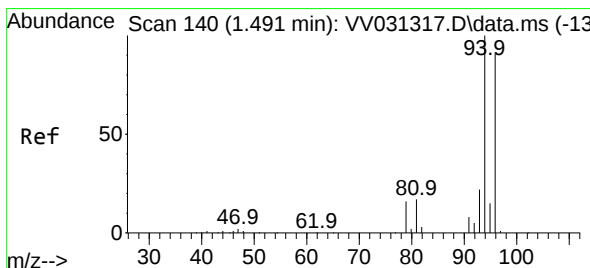
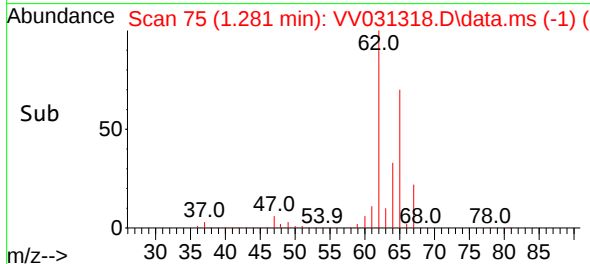
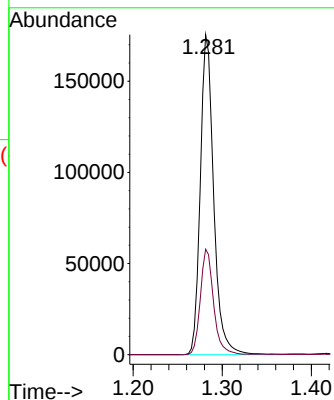
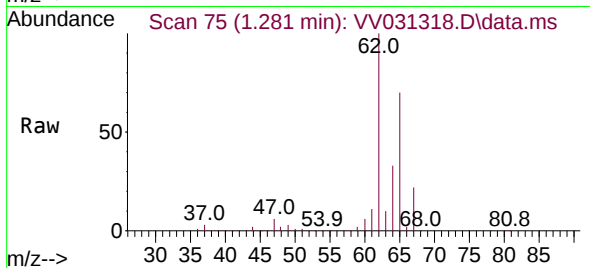




#5
 Vinyl chloride
 Concen: 8.766 ug/L
 RT: 1.281 min Scan# 71
 Delta R.T. -0.000 min
 Lab File: VV031318.D
 Acq: 01 Jun 2023 15:13

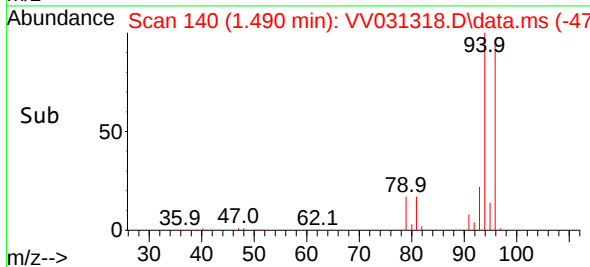
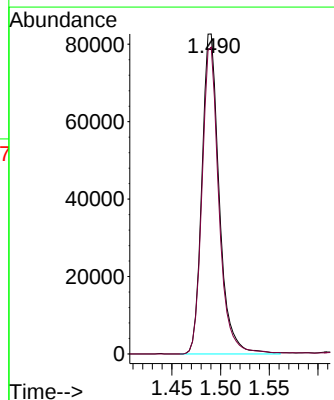
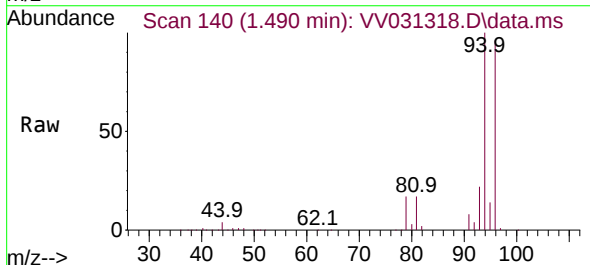
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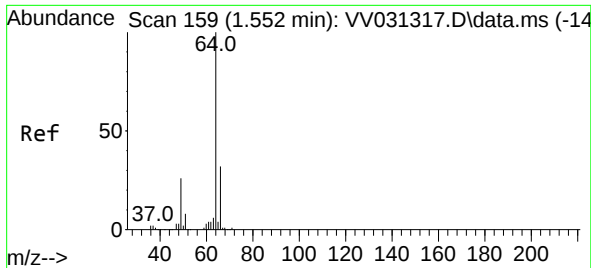
Tgt Ion: 62 Resp: 183570
 Ion Ratio Lower Upper
 62 100
 64 32.9 22.0 40.8



#6
 Bromomethane
 Concen: 8.737 ug/L
 RT: 1.490 min Scan# 140
 Delta R.T. -0.000 min
 Lab File: VV031318.D
 Acq: 01 Jun 2023 15:13

Tgt Ion: 94 Resp: 102196
 Ion Ratio Lower Upper
 94 100
 96 95.9 63.7 118.3

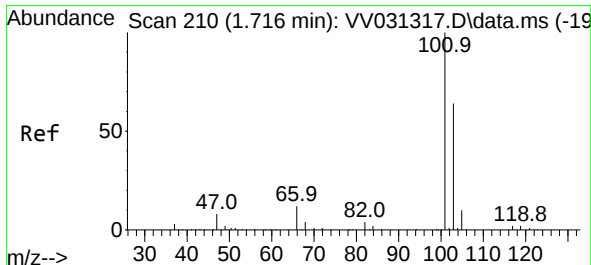
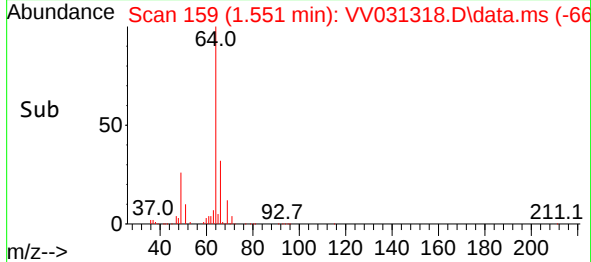
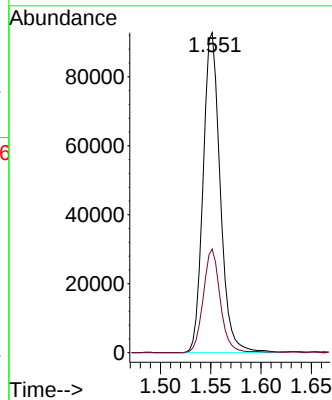
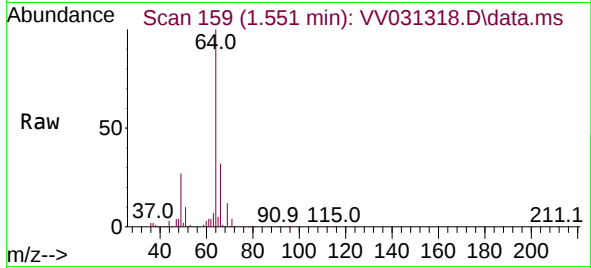




#8
Chloroethane
Concen: 8.377 ug/L
RT: 1.551 min Scan# 11
Delta R.T. -0.000 min
Lab File: VV031318.D
Acq: 01 Jun 2023 15:13

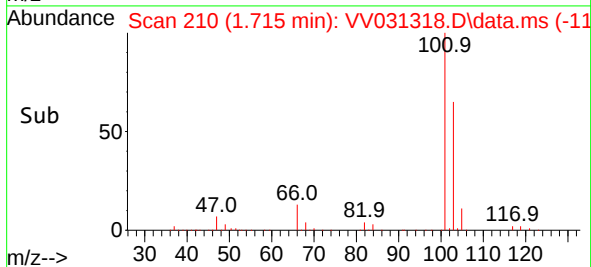
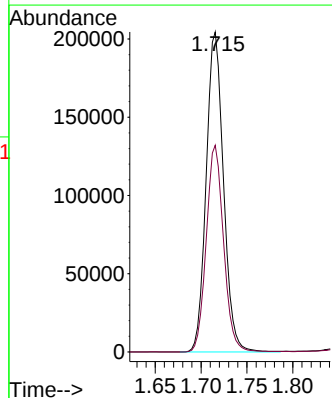
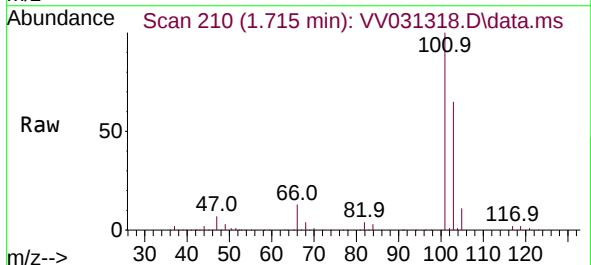
Instrument :
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ClientSampleId :
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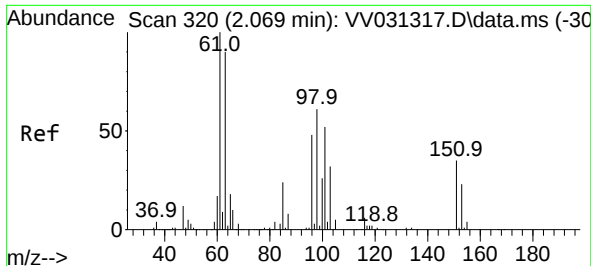
Tgt Ion: 64 Resp: 109932
Ion Ratio Lower Upper
64 100
66 32.4 22.5 41.9



#9
Trichlorofluoromethane
Concen: 8.574 ug/L
RT: 1.715 min Scan# 210
Delta R.T. -0.000 min
Lab File: VV031318.D
Acq: 01 Jun 2023 15:13

Tgt Ion:101 Resp: 268586
Ion Ratio Lower Upper
101 100
103 64.7 51.4 77.0





#10

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

Concen: 8.392 ug/L

RT: 2.069 min Scan# 31

Delta R.T. -0.000 min

Lab File: VV031318.D

Acq: 01 Jun 2023 15:13

Instrument :

MSVOA_V

ClientSampleId :

VSTD010256

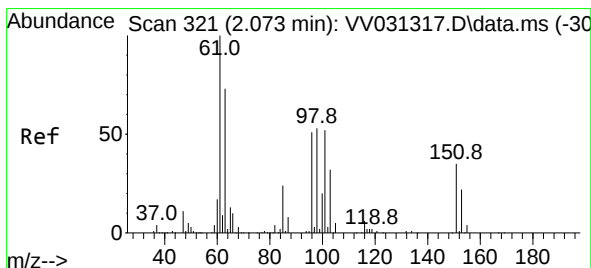
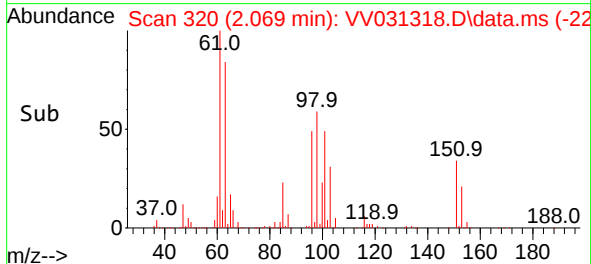
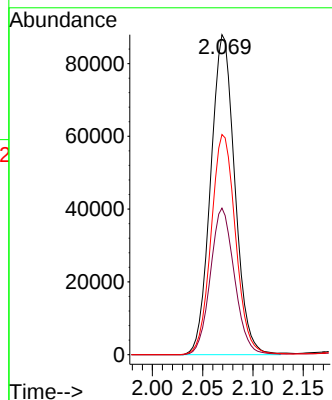
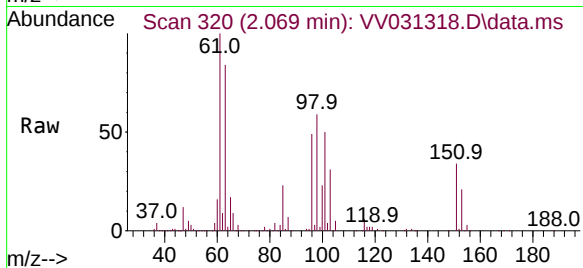
Tgt Ion:101 Resp: 147207

Ion Ratio Lower Upper

101 100

85 45.6 37.2 55.8

151 69.8 55.5 83.3



#12

1,1-Dichloroethene

Concen: 8.528 ug/L

RT: 2.069 min Scan# 320

Delta R.T. -0.003 min

Lab File: VV031318.D

Acq: 01 Jun 2023 15:13

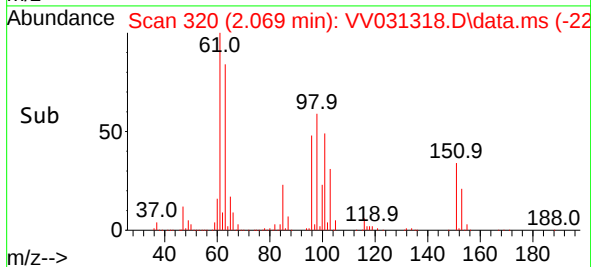
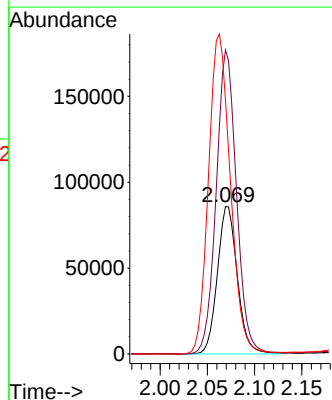
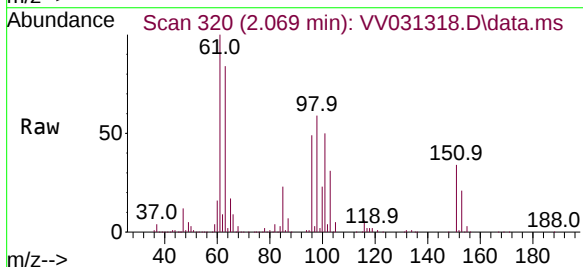
Tgt Ion: 96 Resp: 126292

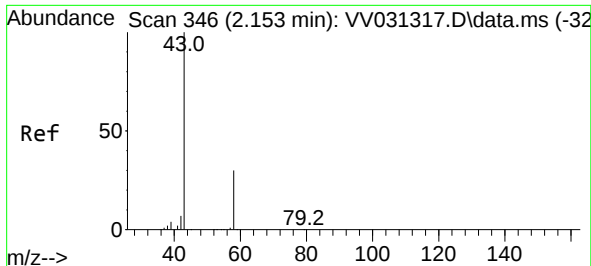
Ion Ratio Lower Upper

96 100

61 206.2 138.3 256.8

63 172.3 101.9 189.3





#13

Acetone

Concen: 94.627 ug/L

RT: 2.159 min Scan# 346

Delta R.T. 0.006 min

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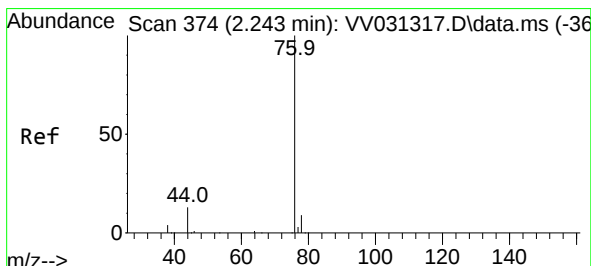
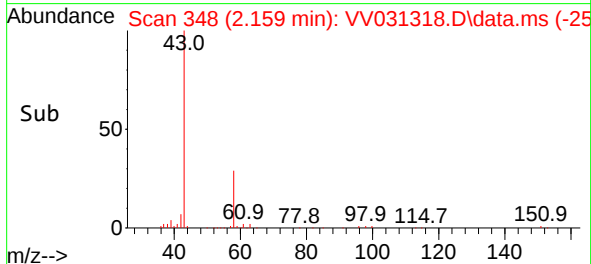
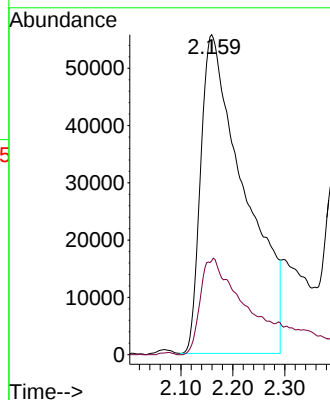
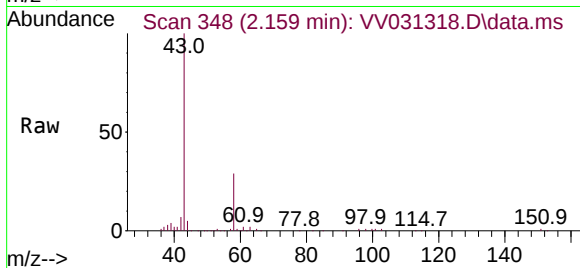
VSTD010256

Tgt Ion: 43 Resp: 325448

Ion Ratio Lower Upper

43 100

58 29.8 0.0 48.4



#14

Carbon disulfide

Concen: 8.781 ug/L

RT: 2.243 min Scan# 374

Delta R.T. -0.000 min

Lab File: VV031318.D

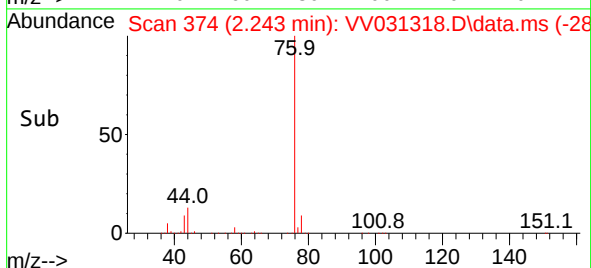
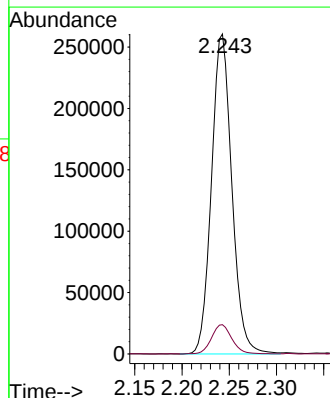
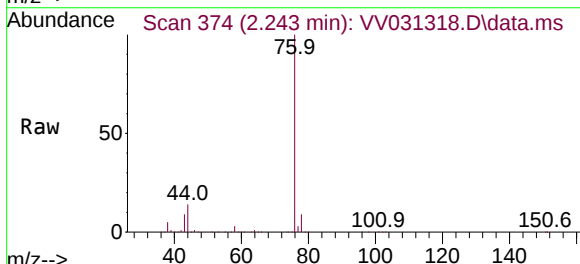
Acq: 01 Jun 2023 15:13

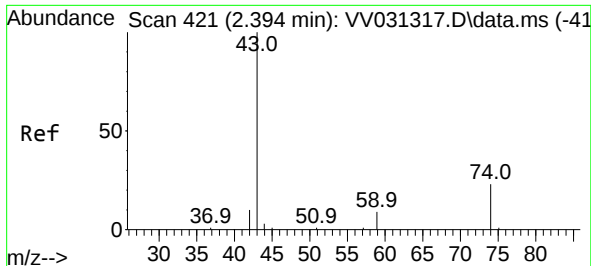
Tgt Ion: 76 Resp: 390516

Ion Ratio Lower Upper

76 100

78 9.2 7.2 10.8

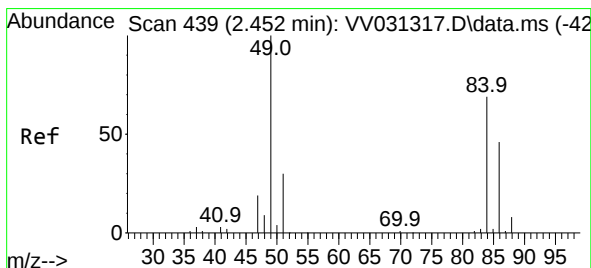
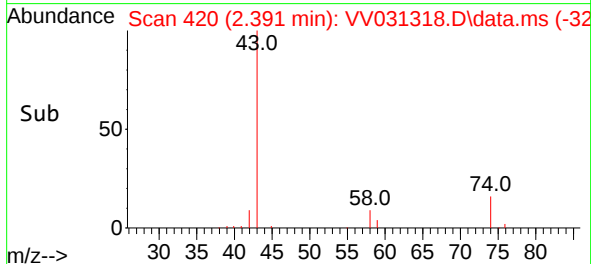
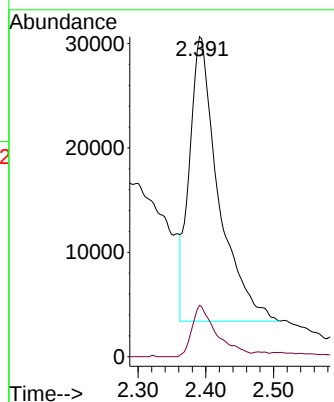
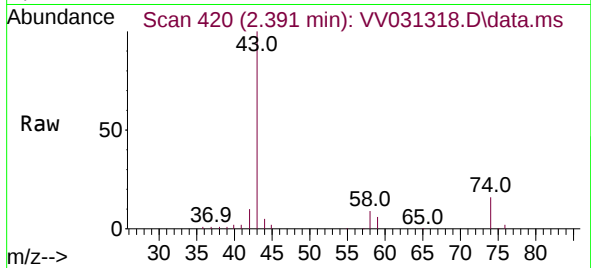




#15
Methyl Acetate
Concen: 13.048 ug/L
RT: 2.391 min Scan# 41
Delta R.T. -0.003 min
Lab File: VV031318.D
Acq: 01 Jun 2023 15:13

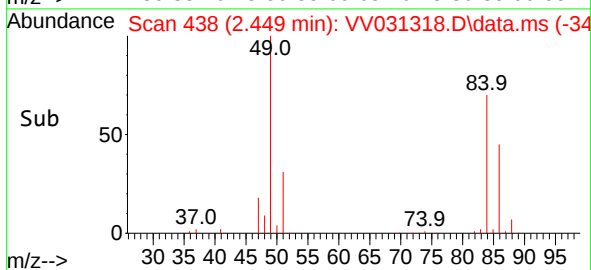
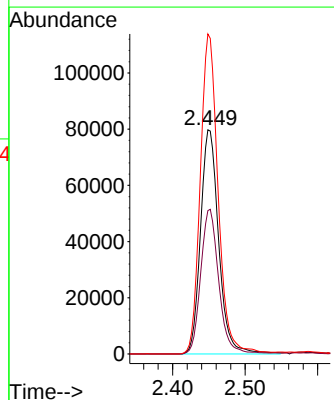
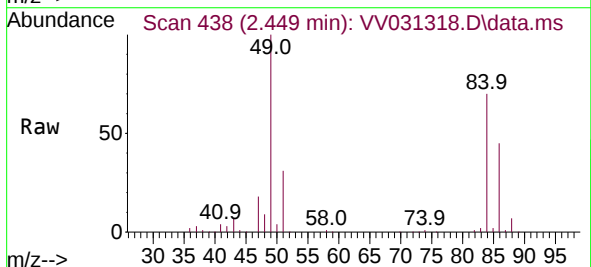
Instrument :
MSVOA_V
ClientSampleId :
VSTD010256

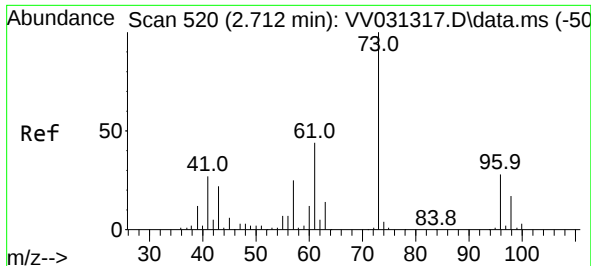
Tgt Ion: 43 Resp: 81200
Ion Ratio Lower Upper
43 100
74 15.5 16.2 24.2#



#16
Methylene chloride
Concen: 6.934 ug/L
RT: 2.449 min Scan# 438
Delta R.T. -0.003 min
Lab File: VV031318.D
Acq: 01 Jun 2023 15:13

Tgt Ion: 84 Resp: 138820
Ion Ratio Lower Upper
84 100
86 64.0 46.7 86.7
49 142.8 101.6 188.8





#17

Methyl tert-butyl Ether

Concen: 9.491 ug/L

RT: 2.712 min Scan# 51

Delta R.T. -0.000 min

Lab File: VV031318.D

Acq: 01 Jun 2023 15:13

Instrument :

MSVOA_V

ClientSampleId :

VSTD010256

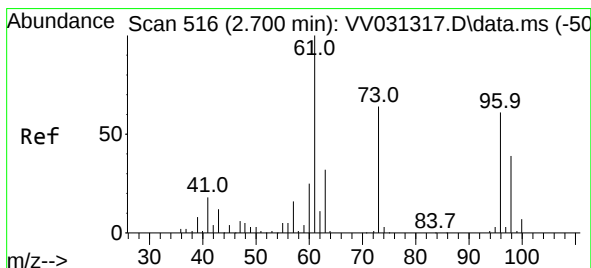
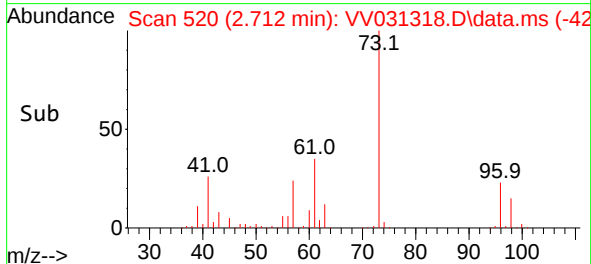
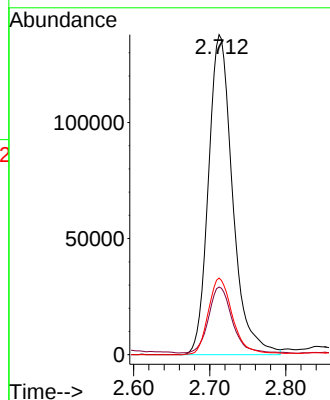
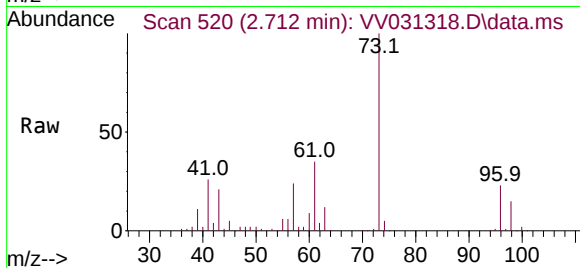
Tgt Ion: 73 Resp: 304736

Ion Ratio Lower Upper

73 100

43 20.5 17.8 26.8

57 24.2 19.8 29.8



#18

trans-1,2-Dichloroethene

Concen: 8.568 ug/L

RT: 2.696 min Scan# 515

Delta R.T. -0.003 min

Lab File: VV031318.D

Acq: 01 Jun 2023 15:13

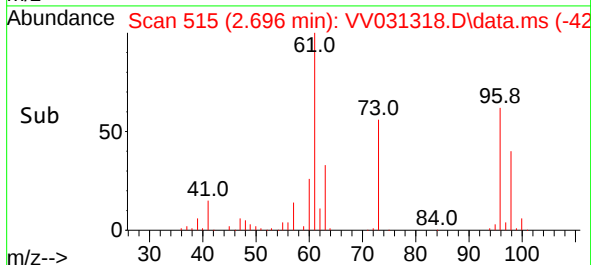
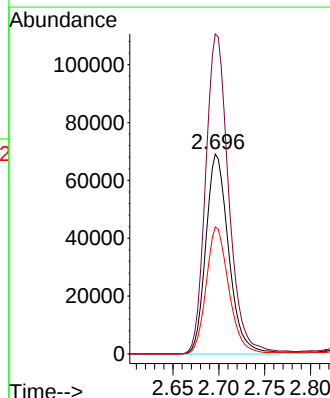
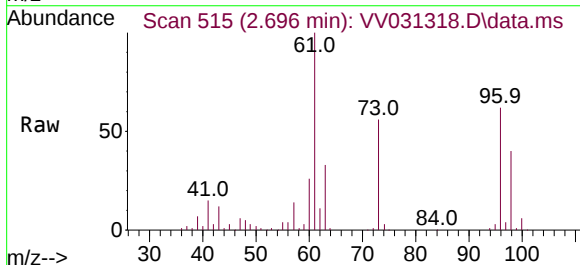
Tgt Ion: 96 Resp: 120008

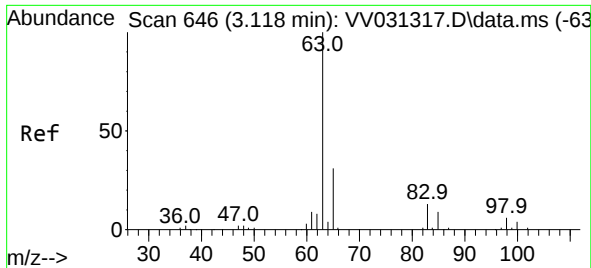
Ion Ratio Lower Upper

96 100

61 160.1 114.2 212.0

98 63.5 45.0 83.6

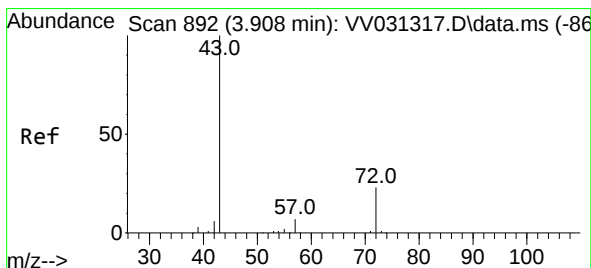
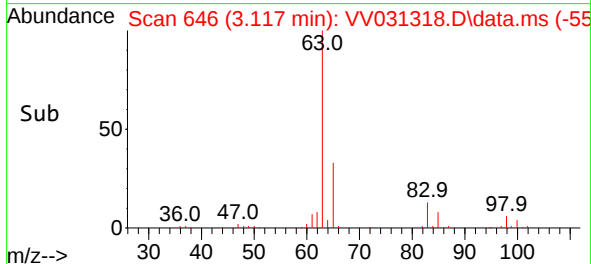
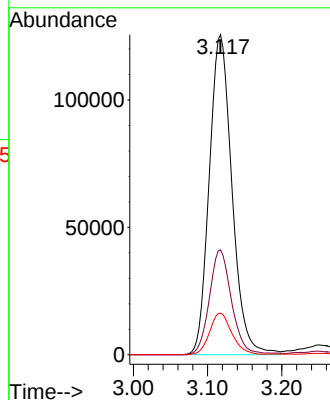
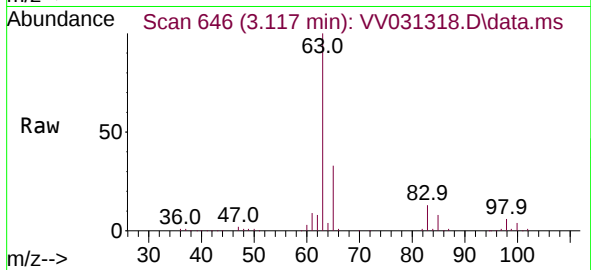




#19
1,1-Dichloroethane
Concen: 8.613 ug/L
RT: 3.117 min Scan# 64
Delta R.T. -0.000 min
Lab File: VV031318.D
Acq: 01 Jun 2023 15:13

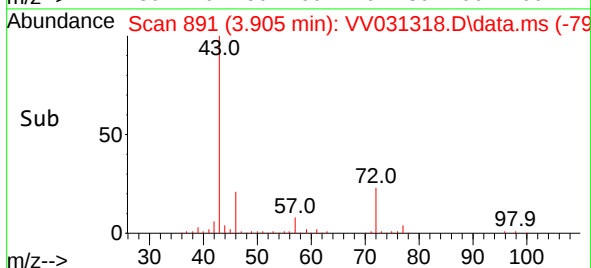
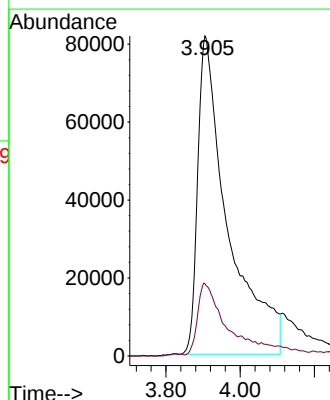
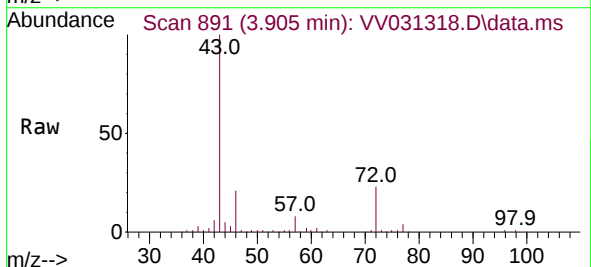
Instrument :
MSVOA_V
ClientSampleId :
VSTD010256

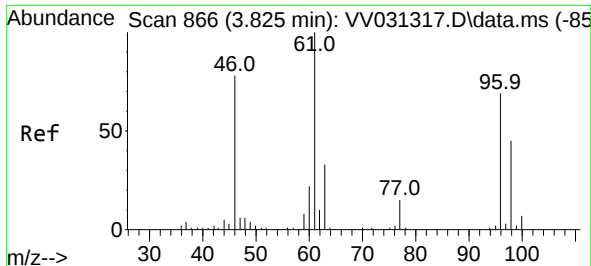
Tgt Ion: 63 Resp: 267111
Ion Ratio Lower Upper
63 100
65 32.7 22.0 40.8
83 13.0 9.0 16.6



#21
2-Butanone
Concen: 104.976 ug/L
RT: 3.905 min Scan# 891
Delta R.T. -0.003 min
Lab File: VV031318.D
Acq: 01 Jun 2023 15:13

Tgt Ion: 43 Resp: 459085
Ion Ratio Lower Upper
43 100
72 17.5 7.8 23.5



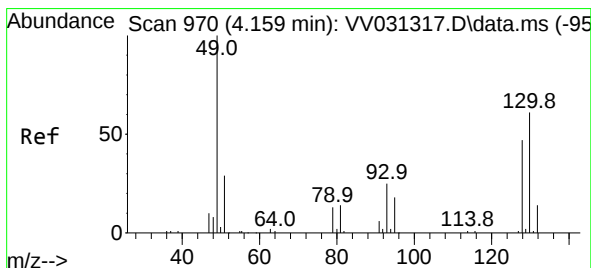
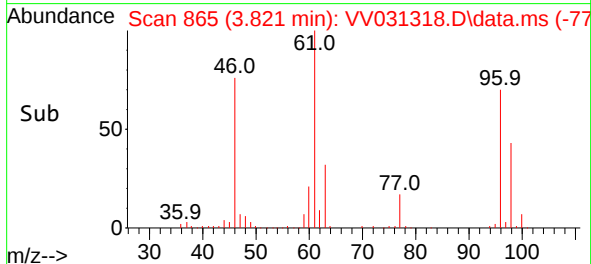
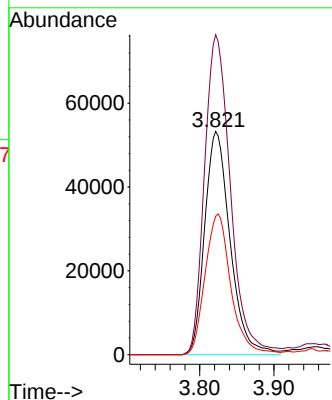
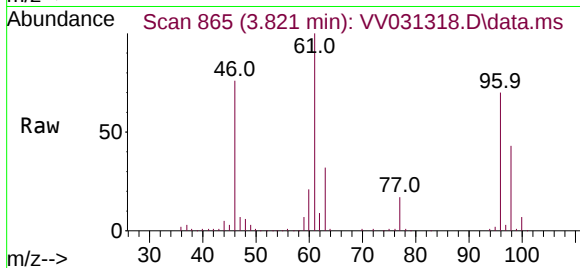


#22
 cis-1,2-Dichloroethene
 Concen: 8.713 ug/L
 RT: 3.821 min Scan# 80
 Delta R.T. -0.003 min
 Lab File: VV031318.D
 Acq: 01 Jun 2023 15:13

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD010256

Tgt Ion: 96 Resp: 127172

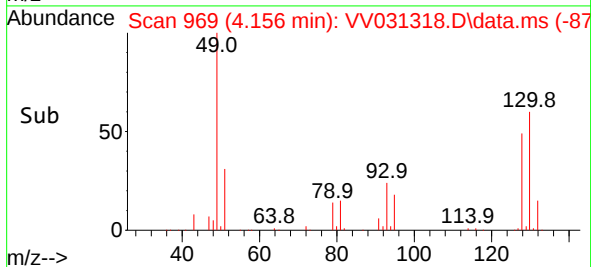
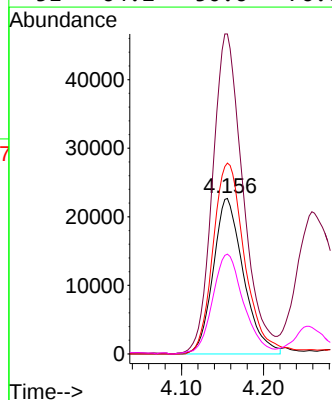
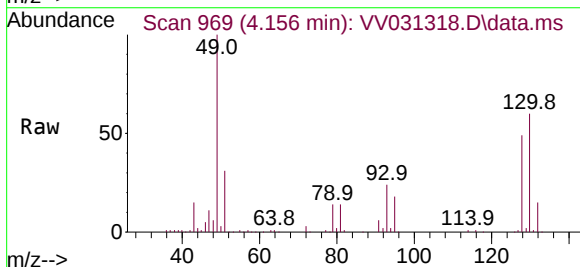
Ion	Ratio	Lower	Upper
96	100		
61	143.3	100.8	187.2
98	62.1	45.1	83.9

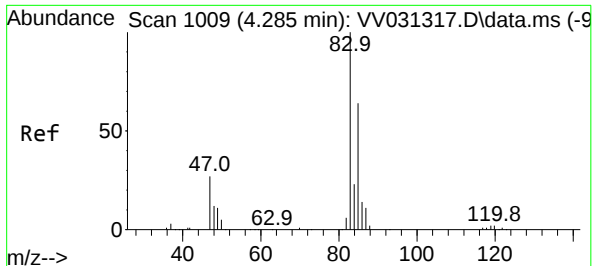


#23
 Bromochloromethane
 Concen: 8.845 ug/L
 RT: 4.156 min Scan# 969
 Delta R.T. -0.003 min
 Lab File: VV031318.D
 Acq: 01 Jun 2023 15:13

Tgt Ion:128 Resp: 58087

Ion	Ratio	Lower	Upper
128	100		
49	205.7	148.1	275.0
130	122.7	89.9	166.9
51	64.2	50.6	76.0





#25

Chloroform

Concen: 8.491 ug/L

RT: 4.284 min Scan# 1009

Delta R.T. -0.000 min

Lab File: VV031318.D

Acq: 01 Jun 2023 15:13

Instrument :

MSVOA_V

ClientSampleId :

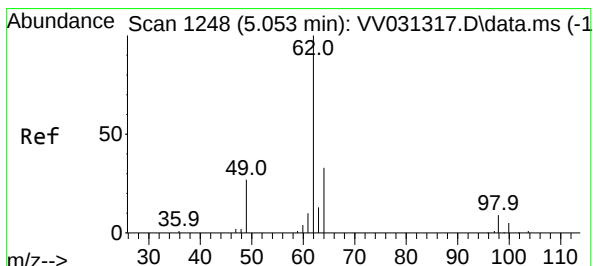
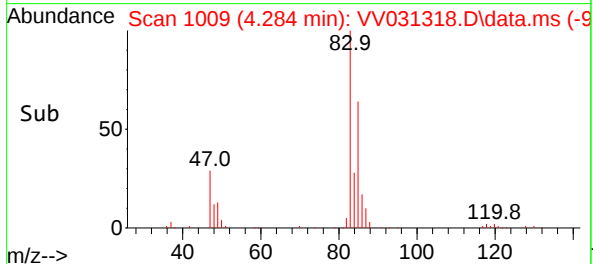
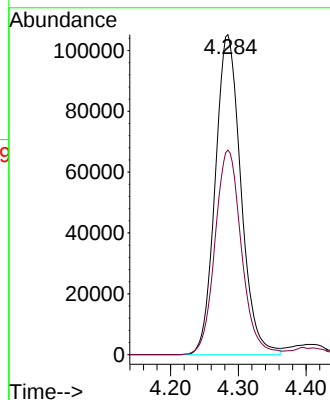
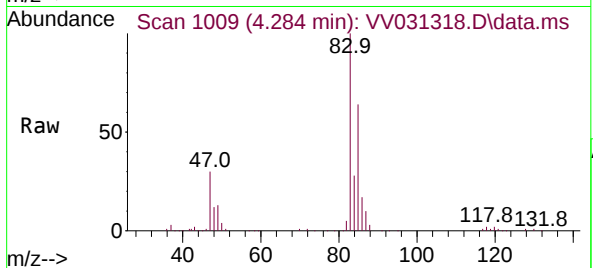
VSTD010256

Tgt Ion: 83 Resp: 276529

Ion Ratio Lower Upper

83 100

85 63.9 44.9 83.3



#27

1,2-Dichloroethane

Concen: 9.202 ug/L

RT: 5.050 min Scan# 1247

Delta R.T. -0.003 min

Lab File: VV031318.D

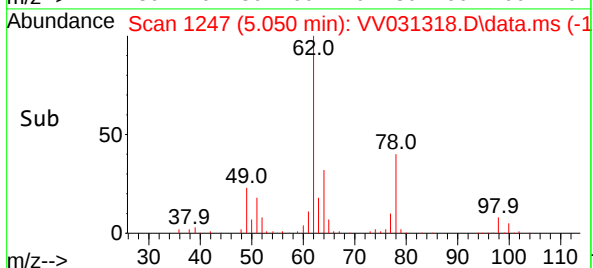
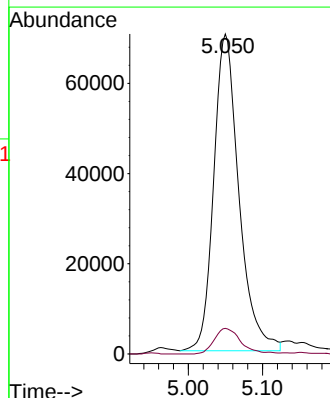
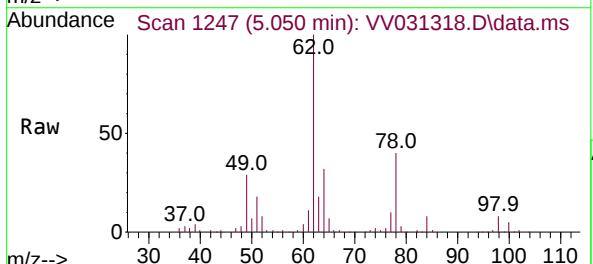
Acq: 01 Jun 2023 15:13

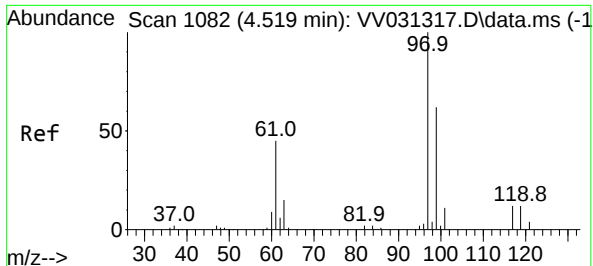
Tgt Ion: 62 Resp: 165760

Ion Ratio Lower Upper

62 100

98 8.0 7.2 10.8





#29

1,1,1-Trichloroethane

Concen: 8.282 ug/L

RT: 4.519 min Scan# 1082

Delta R.T. -0.000 min

Lab File: VV031318.D

Acq: 01 Jun 2023 15:13

Instrument :

MSVOA_V

ClientSampleId :

VSTD010256

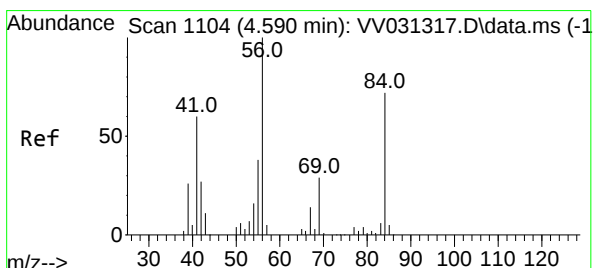
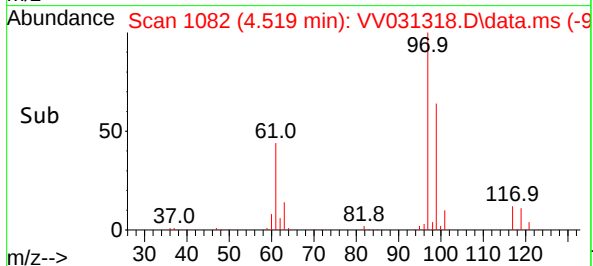
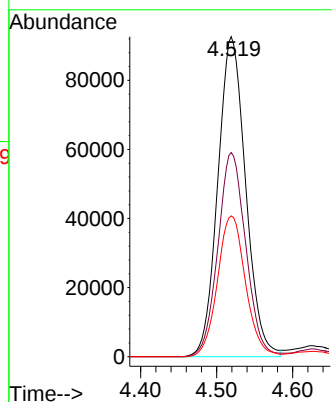
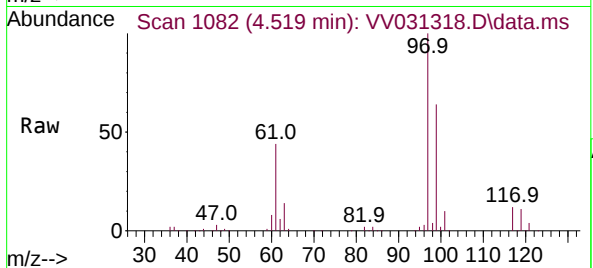
Tgt Ion: 97 Resp: 235507

Ion Ratio Lower Upper

97 100

99 64.0 52.2 78.4

61 44.4 36.4 54.6



#30

Cyclohexane

Concen: 8.941 ug/L

RT: 4.590 min Scan# 1104

Delta R.T. -0.000 min

Lab File: VV031318.D

Acq: 01 Jun 2023 15:13

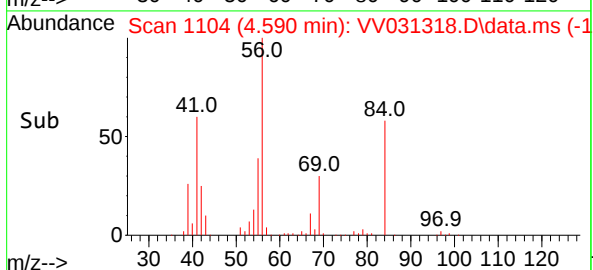
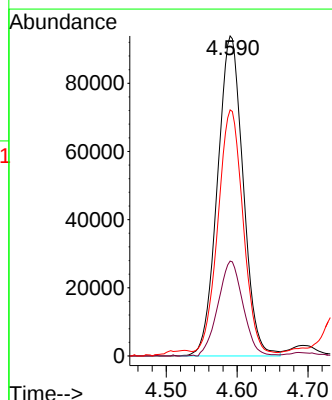
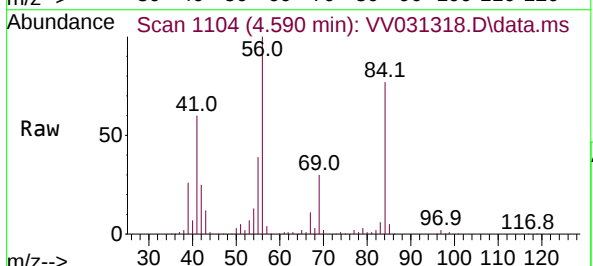
Tgt Ion: 56 Resp: 236404

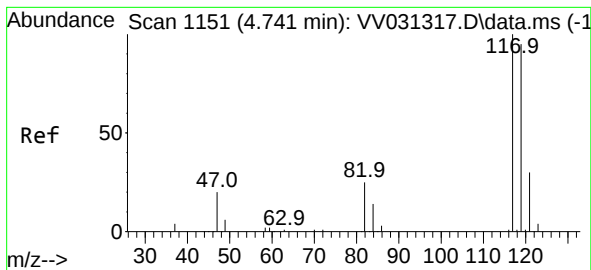
Ion Ratio Lower Upper

56 100

69 28.9 23.2 34.8

84 73.9 58.5 87.7





#31

Carbon tetrachloride

Concen: 8.227 ug/L

RT: 4.741 min Scan# 1151

Delta R.T. -0.000 min

Lab File: VV031318.D

Acq: 01 Jun 2023 15:13

Instrument :

MSVOA_V

ClientSampleId :

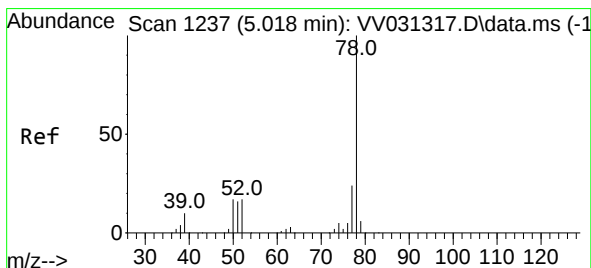
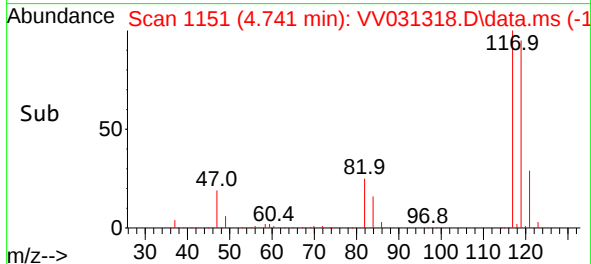
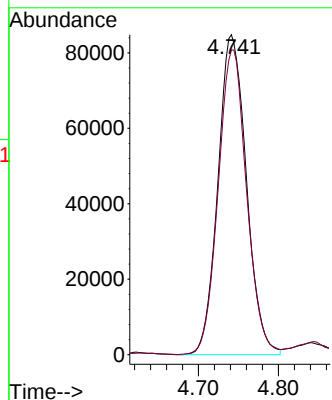
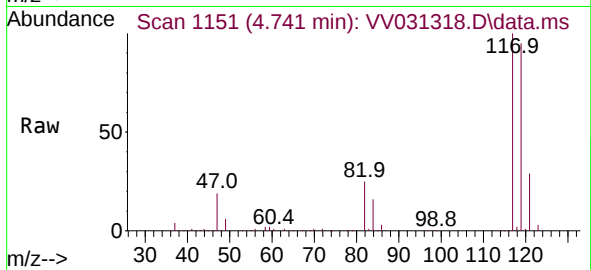
VSTD010256

Tgt Ion:117 Resp: 209210

Ion Ratio Lower Upper

117 100

119 95.3 76.3 114.5



#33

Benzene

Concen: 8.699 ug/L

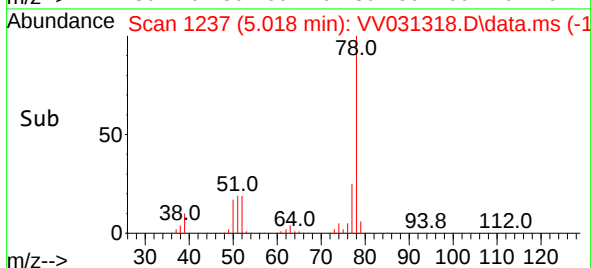
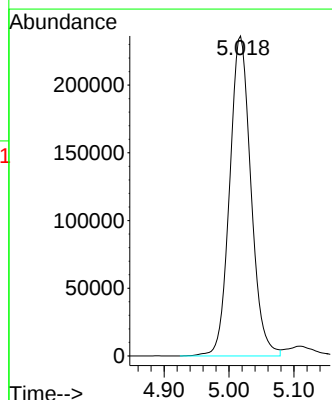
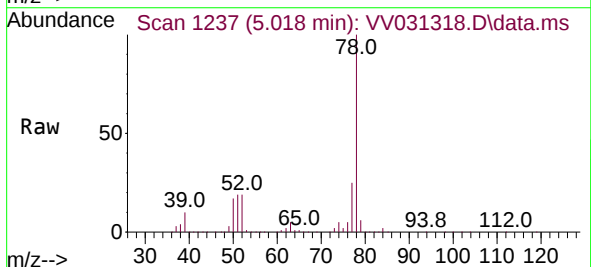
RT: 5.018 min Scan# 1237

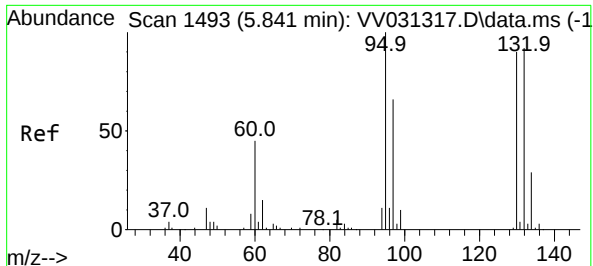
Delta R.T. -0.000 min

Lab File: VV031318.D

Acq: 01 Jun 2023 15:13

Tgt Ion: 78 Resp: 537950

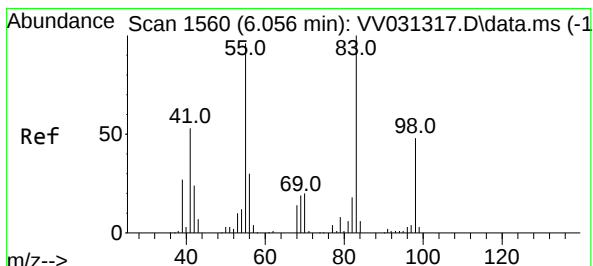
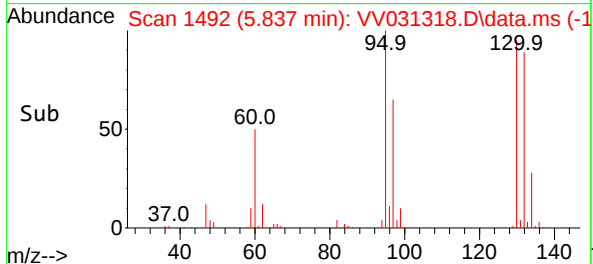
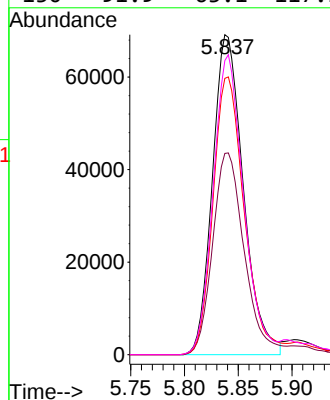
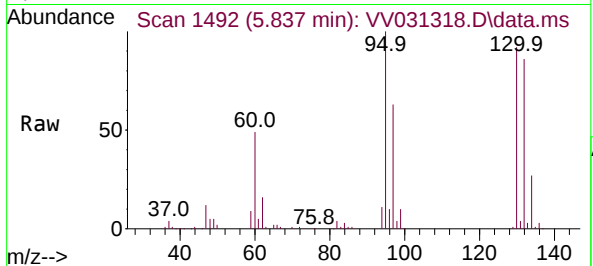




#34
Trichloroethene
Concen: 8.129 ug/L
RT: 5.837 min Scan# 1492
Delta R.T. -0.003 min
Lab File: VV031318.D
Acq: 01 Jun 2023 15:13

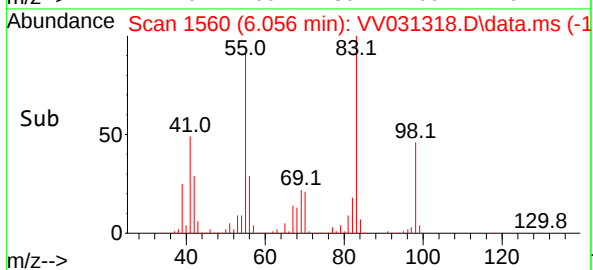
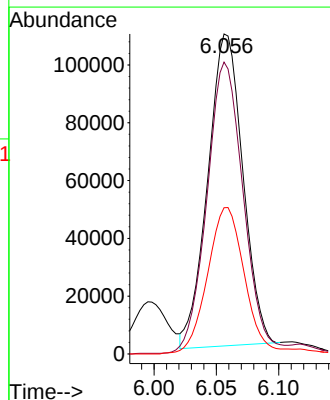
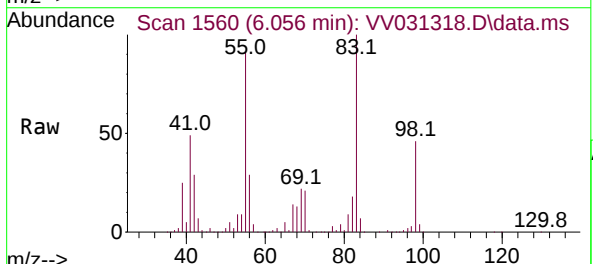
Instrument :
MSVOA_V
ClientSampleId :
VSTD010256

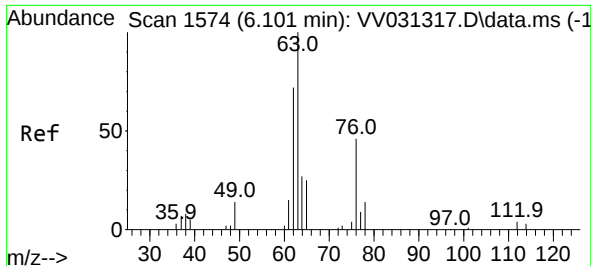
Tgt Ion: 95 Resp: 137847
Ion Ratio Lower Upper
95 100
97 62.9 46.1 85.5
132 86.3 64.5 119.9
130 91.9 63.1 117.1



#35
Methylcyclohexane
Concen: 8.430 ug/L
RT: 6.056 min Scan# 1560
Delta R.T. -0.000 min
Lab File: VV031318.D
Acq: 01 Jun 2023 15:13

Tgt Ion: 83 Resp: 211167
Ion Ratio Lower Upper
83 100
55 97.3 74.6 112.0
98 50.8 36.5 54.7





#37

1,2-Dichloropropane

Concen: 9.041 ug/L

RT: 6.101 min Scan# 1574

Delta R.T. -0.000 min

Lab File: VV031318.D

Acq: 01 Jun 2023 15:13

Instrument :

MSVOA_V

ClientSampleId :

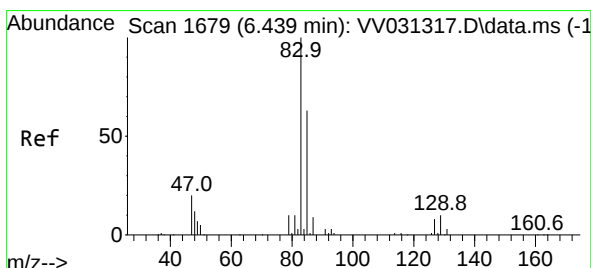
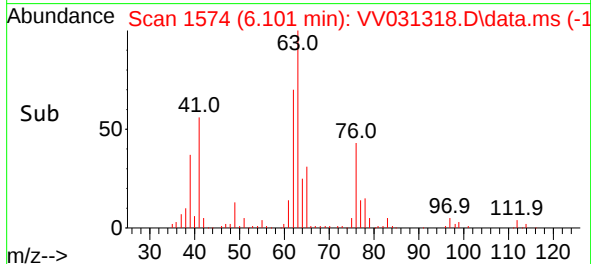
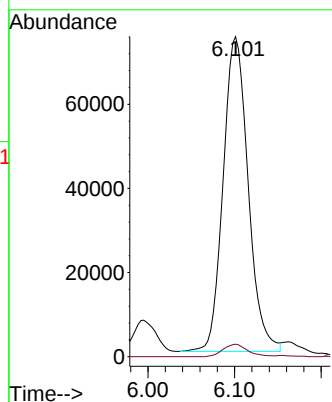
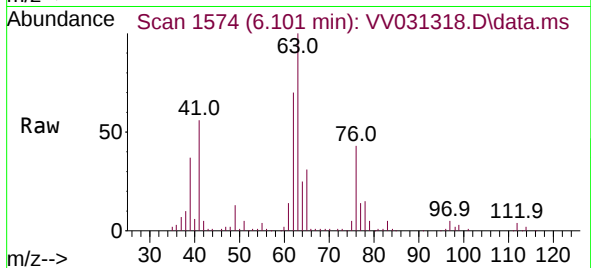
VSTD010256

Tgt Ion: 63 Resp: 150106

Ion Ratio Lower Upper

63 100

112 4.0 3.8 5.6



#38

Bromodichloromethane

Concen: 8.535 ug/L

RT: 6.439 min Scan# 1679

Delta R.T. -0.000 min

Lab File: VV031318.D

Acq: 01 Jun 2023 15:13

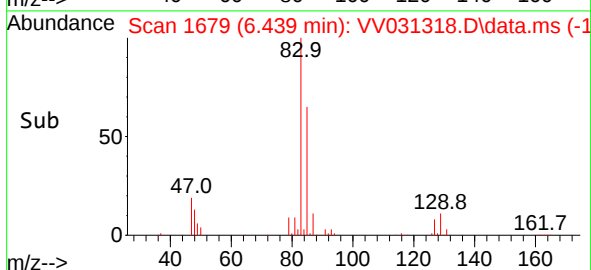
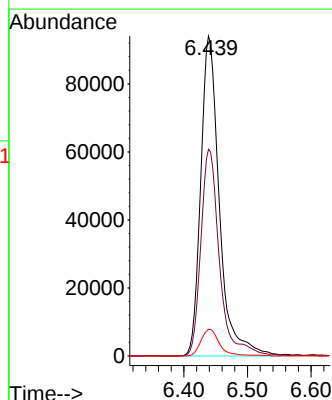
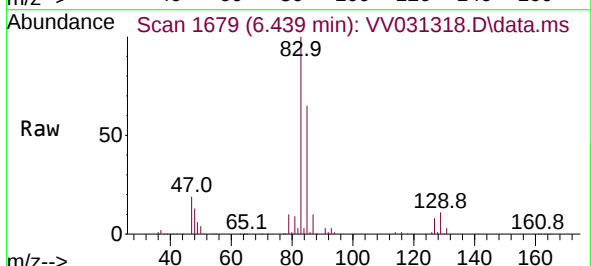
Tgt Ion: 83 Resp: 191716

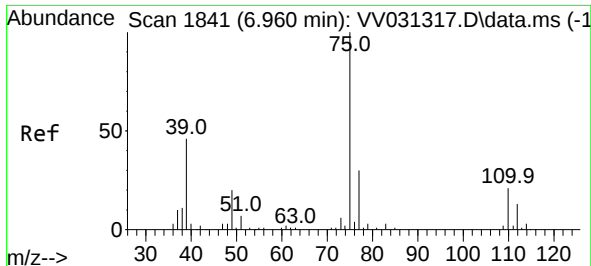
Ion Ratio Lower Upper

83 100

85 64.6 44.3 82.3

127 8.3 6.5 9.7

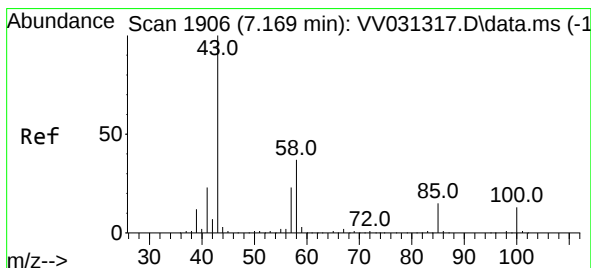
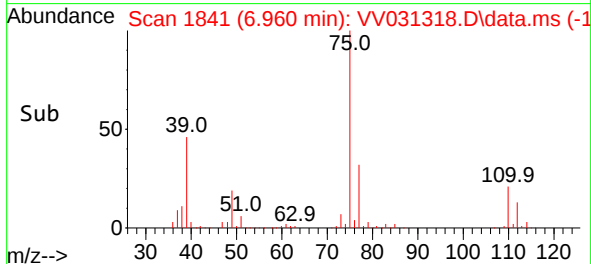
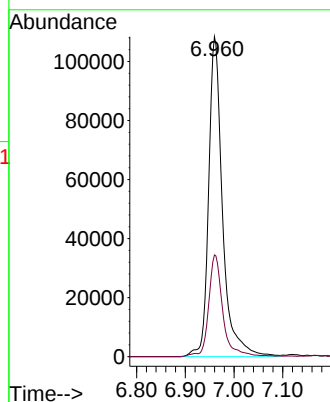
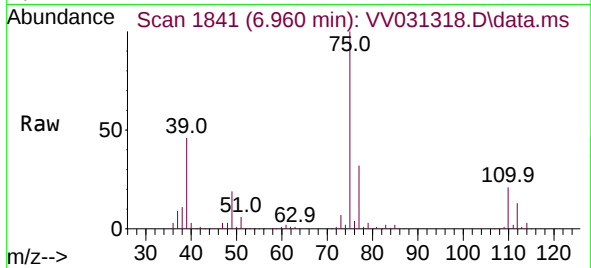




#39
 cis-1,3-Dichloropropene
 Concen: 9.507 ug/L
 RT: 6.960 min Scan# 1841
 Delta R.T. -0.000 min
 Lab File: VV031318.D
 Acq: 01 Jun 2023 15:13

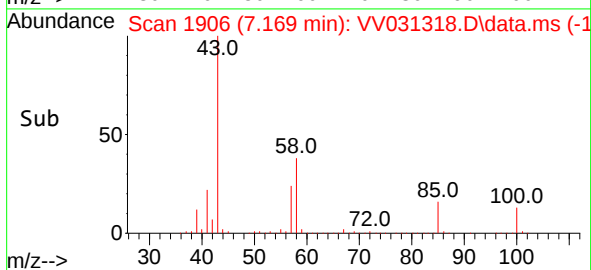
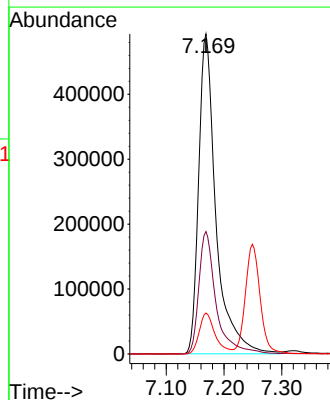
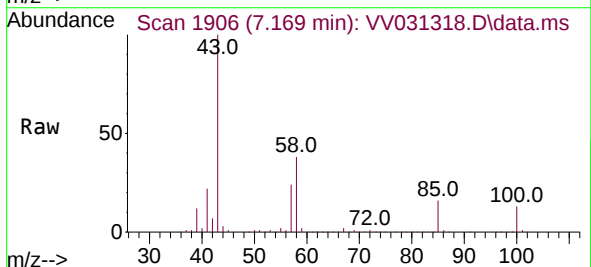
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD010256

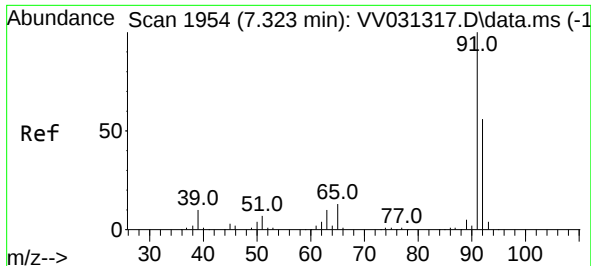
Tgt Ion: 75 Resp: 215178
 Ion Ratio Lower Upper
 75 100
 77 31.8 21.3 39.5



#40
 4-Methyl-2-pentanone
 Concen: 102.884 ug/L
 RT: 7.169 min Scan# 1906
 Delta R.T. -0.000 min
 Lab File: VV031318.D
 Acq: 01 Jun 2023 15:13

Tgt Ion: 43 Resp: 1024898
 Ion Ratio Lower Upper
 43 100
 58 38.1 30.2 45.4
 100 11.8 9.0 13.6





#42

Toluene

Concen: 9.090 ug/L

RT: 7.320 min Scan# 1953

Delta R.T. -0.003 min

Lab File: VV031318.D

Acq: 01 Jun 2023 15:13

Instrument :

MSVOA_V

ClientSampleId :

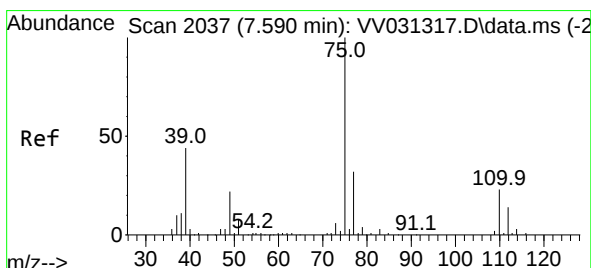
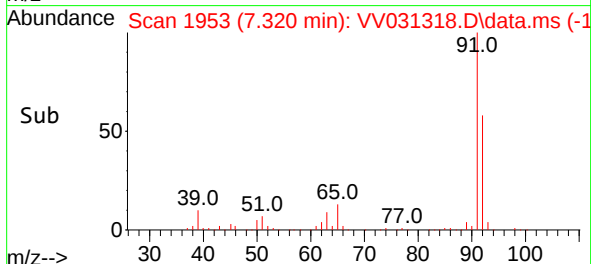
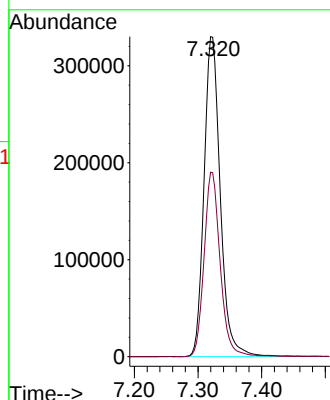
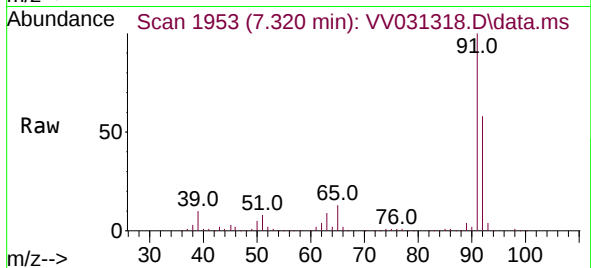
VSTD010256

Tgt Ion: 91 Resp: 586286

Ion Ratio Lower Upper

91 100

92 57.6 39.2 72.8



#44

trans-1,3-Dichloropropene

Concen: 9.827 ug/L

RT: 7.587 min Scan# 2036

Delta R.T. -0.003 min

Lab File: VV031318.D

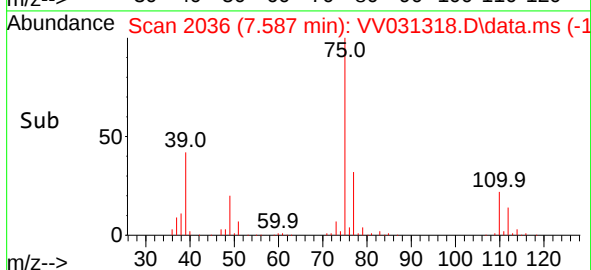
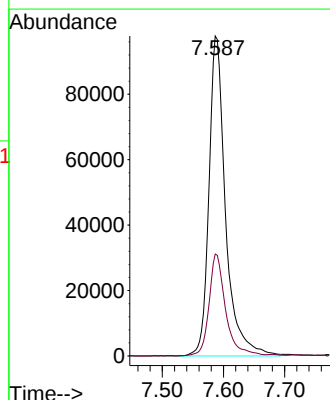
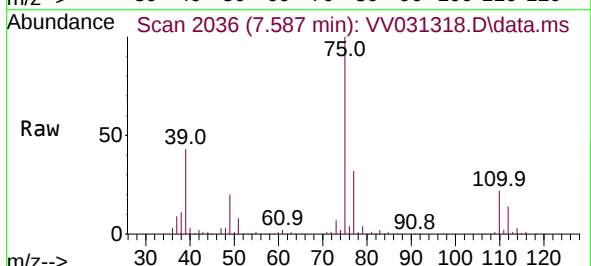
Acq: 01 Jun 2023 15:13

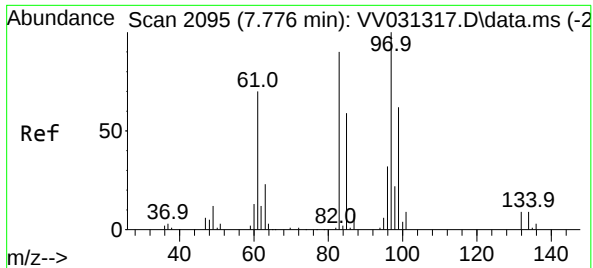
Tgt Ion: 75 Resp: 184610

Ion Ratio Lower Upper

75 100

77 31.8 22.8 42.4



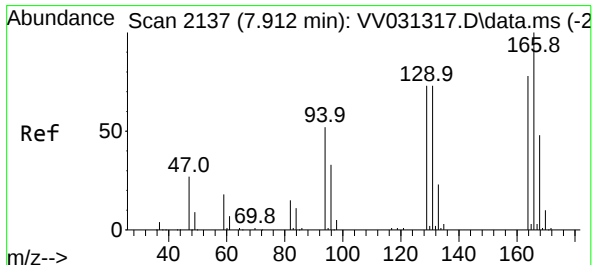
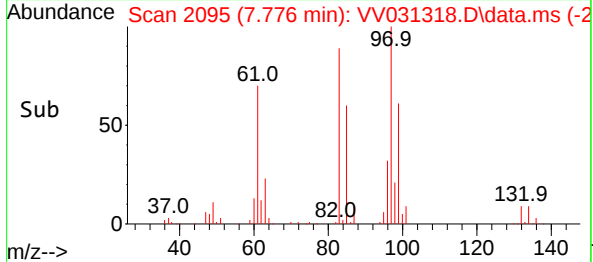
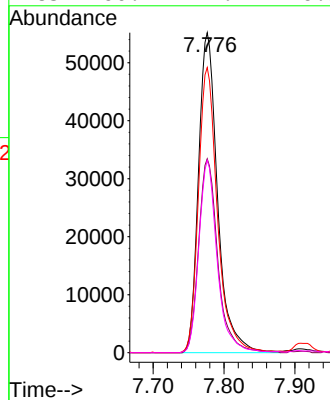
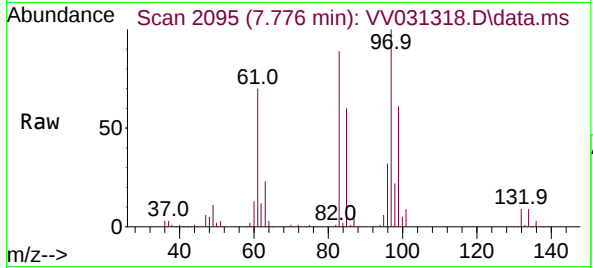


#45
1,1,2-Trichloroethane
Concen: 8.874 ug/L
RT: 7.776 min Scan# 2095
Delta R.T. -0.000 min
Lab File: VV031318.D
Acq: 01 Jun 2023 15:13

Instrument :
MSVOA_V
ClientSampleId :
VSTD010256

Tgt Ion: 97 Resp: 103209

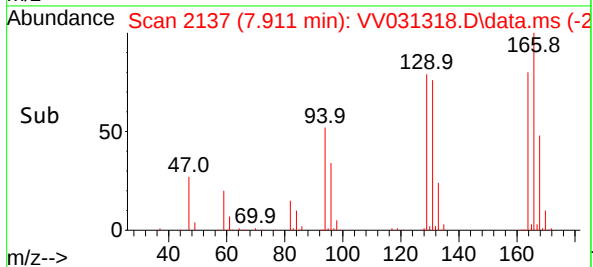
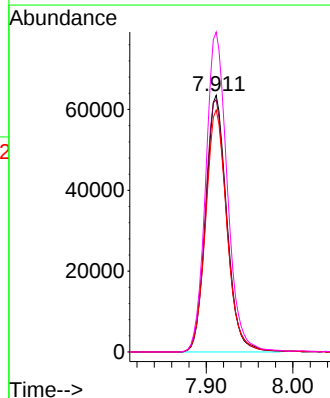
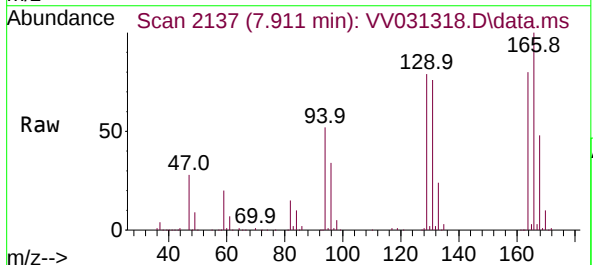
Ion	Ratio	Lower	Upper
97	100		
99	60.6	43.1	80.1
83	89.1	63.1	117.1
85	60.1	41.1	76.3

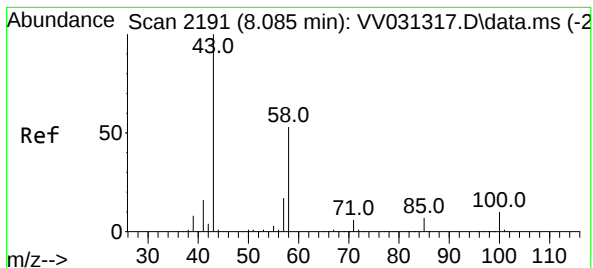


#47
Tetrachloroethene
Concen: 8.309 ug/L
RT: 7.911 min Scan# 2137
Delta R.T. -0.000 min
Lab File: VV031318.D
Acq: 01 Jun 2023 15:13

Tgt Ion: 164 Resp: 107271

Ion	Ratio	Lower	Upper
164	100		
129	98.3	66.0	122.6
131	94.3	65.3	121.3
166	124.7	90.1	167.3





#48

2-Hexanone

Concen: 109.515 ug/L

RT: 8.085 min Scan# 2191

Delta R.T. -0.000 min

Lab File: VV031318.D

Acq: 01 Jun 2023 15:13

Instrument :

MSVOA_V

ClientSampleId :

VSTD010256

Tgt Ion: 43 Resp: 827887

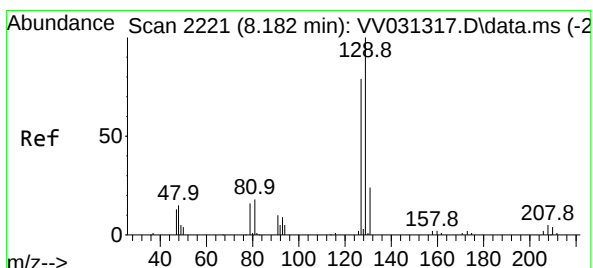
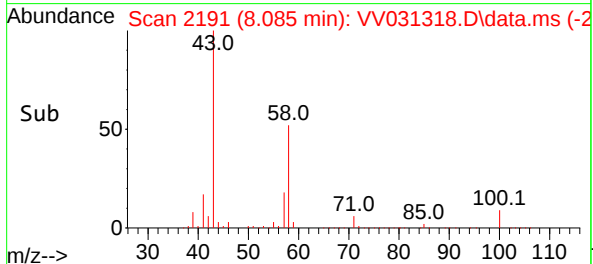
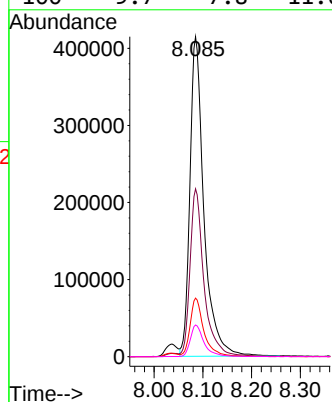
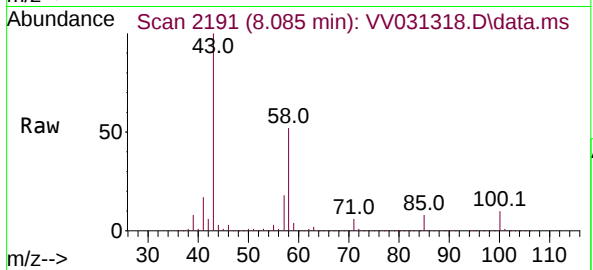
Ion Ratio Lower Upper

43 100

58 51.9 41.1 61.7

57 17.9 14.4 21.6

100 9.7 7.8 11.6



#49

Dibromochloromethane

Concen: 8.906 ug/L

RT: 8.185 min Scan# 2222

Delta R.T. 0.003 min

Lab File: VV031318.D

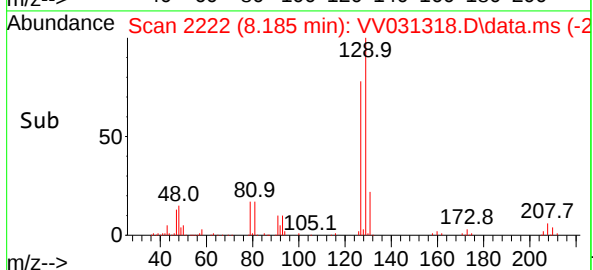
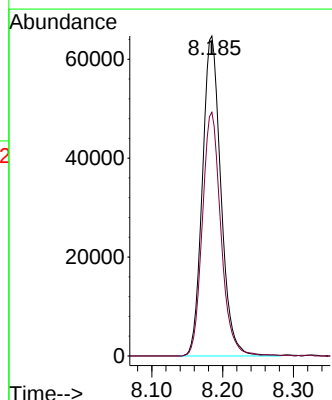
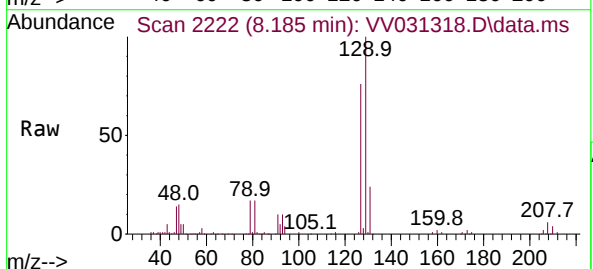
Acq: 01 Jun 2023 15:13

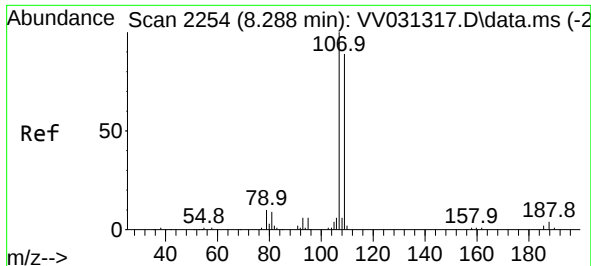
Tgt Ion: 129 Resp: 117258

Ion Ratio Lower Upper

129 100

127 76.1 55.0 102.2





#50

1,2-Dibromoethane

Concen: 8.653 ug/L

RT: 8.288 min Scan# 21

Delta R.T. -0.000 min

Lab File: VV031318.D

Acq: 01 Jun 2023 15:13

Instrument :

MSVOA_V

ClientSampleId :

VSTD010256

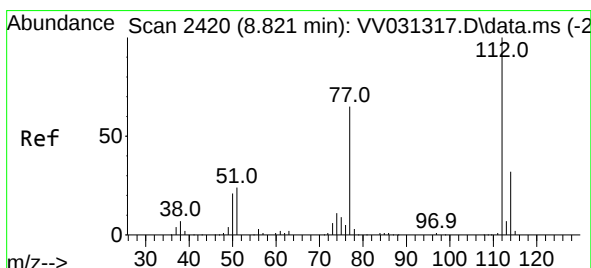
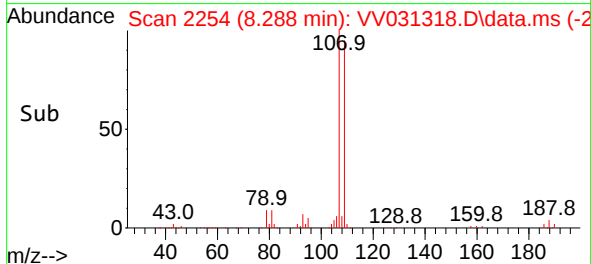
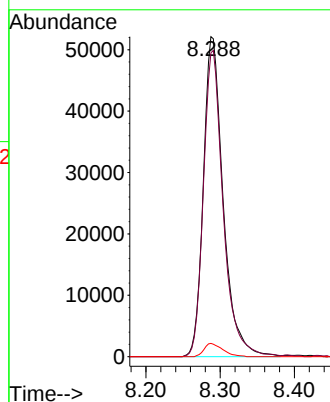
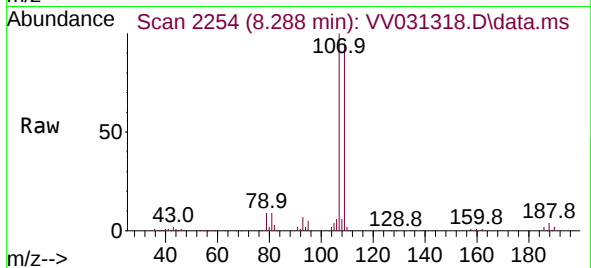
Tgt Ion:107 Resp: 96577

Ion Ratio Lower Upper

107 100

109 94.9 62.2 115.4

188 4.2 3.0 4.4



#51

Chlorobenzene

Concen: 8.717 ug/L

RT: 8.821 min Scan# 2420

Delta R.T. -0.000 min

Lab File: VV031318.D

Acq: 01 Jun 2023 15:13

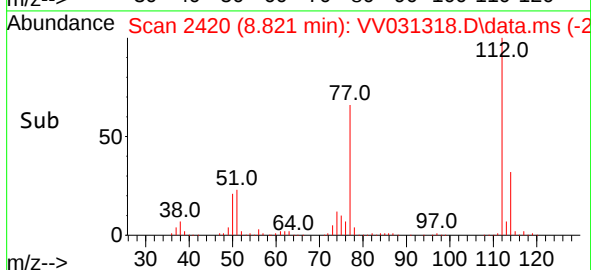
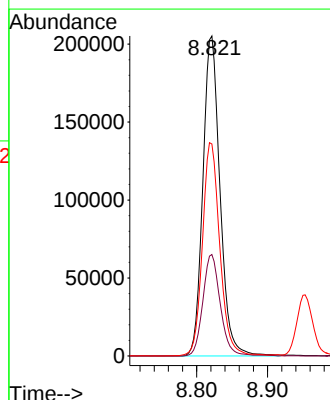
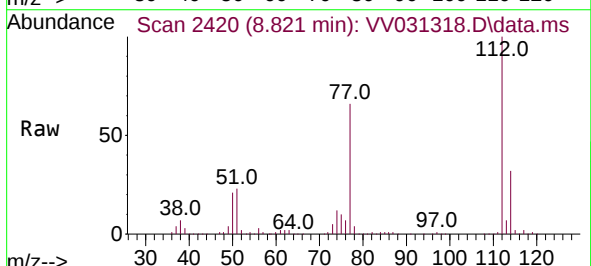
Tgt Ion:112 Resp: 345186

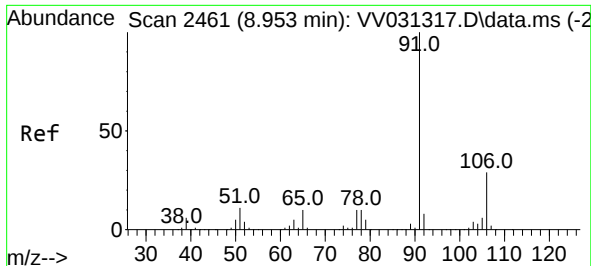
Ion Ratio Lower Upper

112 100

114 31.7 22.7 42.1

77 66.2 52.2 78.2





#52

Ethylbenzene

Concen: 9.366 ug/L

RT: 8.953 min Scan# 2461

Delta R.T. -0.000 min

Lab File: VV031318.D

Acq: 01 Jun 2023 15:13

Instrument :

MSVOA_V

ClientSampleId :

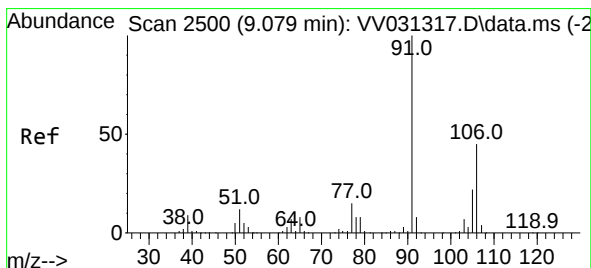
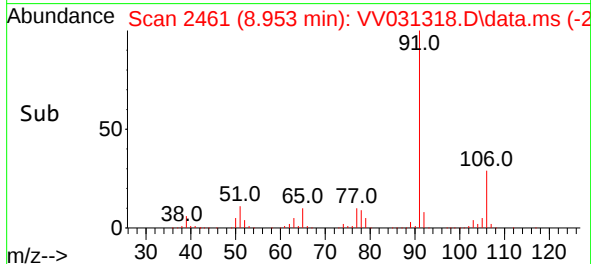
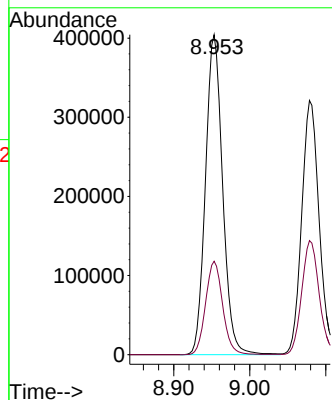
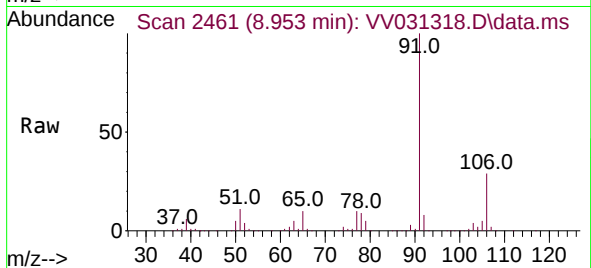
VSTD010256

Tgt Ion: 91 Resp: 634104

Ion Ratio Lower Upper

91 100

106 29.2 20.0 37.2



#53

m,p-Xylene

Concen: 9.495 ug/L

RT: 9.079 min Scan# 2500

Delta R.T. -0.000 min

Lab File: VV031318.D

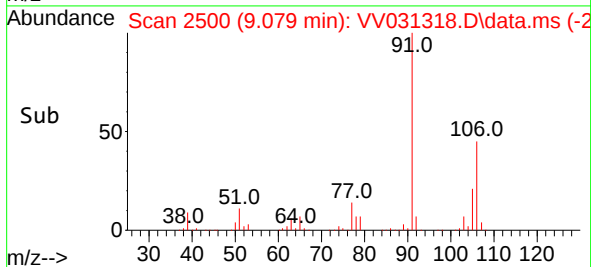
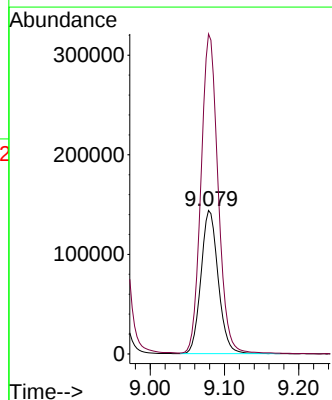
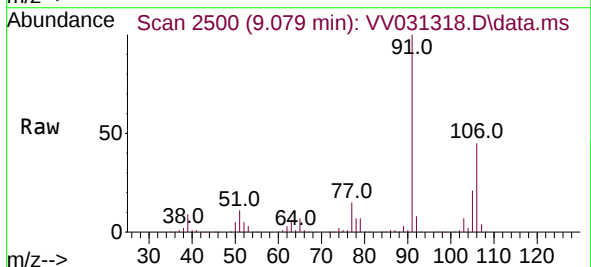
Acq: 01 Jun 2023 15:13

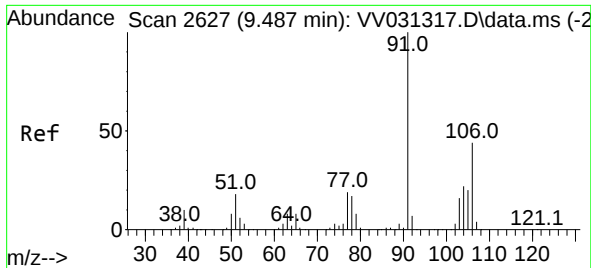
Tgt Ion: 106 Resp: 231226

Ion Ratio Lower Upper

106 100

91 223.1 154.3 286.5

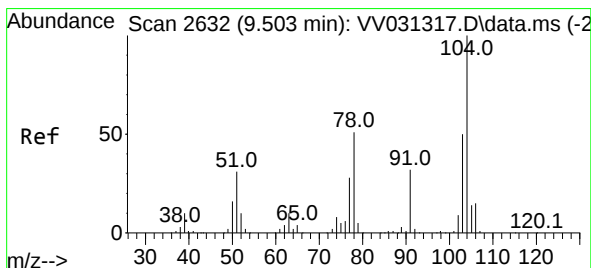
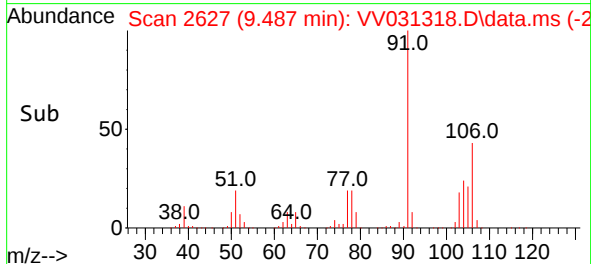
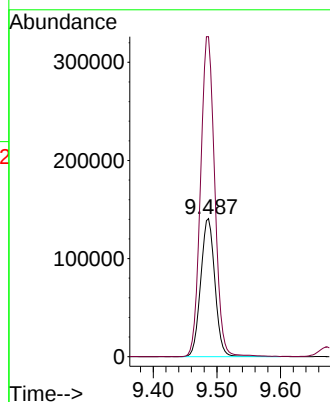
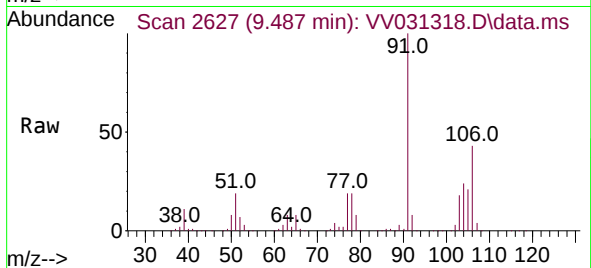




#54
o-Xylene
Concen: 9.513 ug/L
RT: 9.487 min Scan# 2627
Delta R.T. -0.000 min
Lab File: VV031318.D
Acq: 01 Jun 2023 15:13

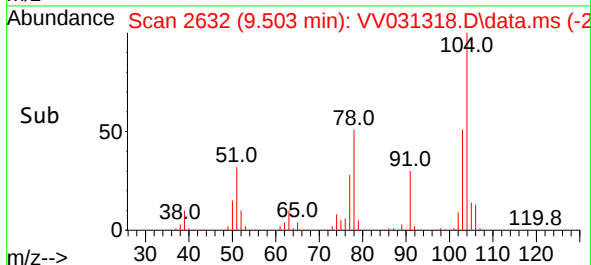
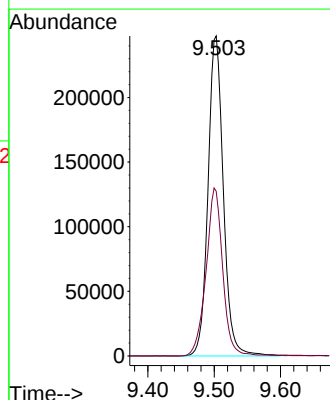
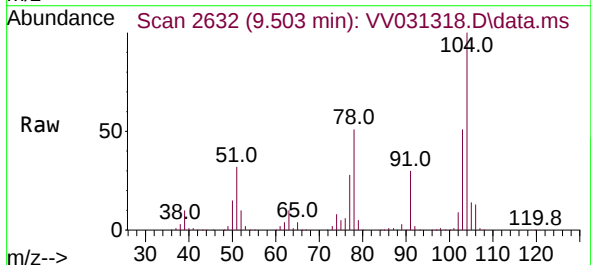
Instrument : MSVOA_V
ClientSampleId : VSTD010256

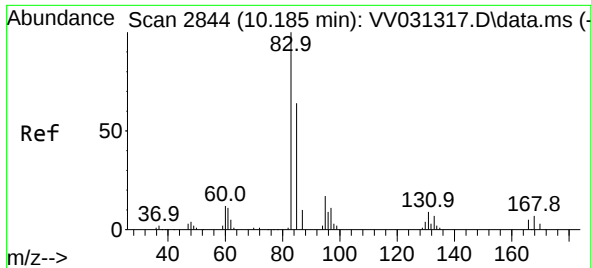
Tgt Ion:106 Resp: 217928
Ion Ratio Lower Upper
106 100
91 231.7 159.0 295.4



#55
Styrene
Concen: 9.843 ug/L
RT: 9.503 min Scan# 2632
Delta R.T. -0.000 min
Lab File: VV031318.D
Acq: 01 Jun 2023 15:13

Tgt Ion:104 Resp: 398475
Ion Ratio Lower Upper
104 100
78 51.5 35.9 66.7

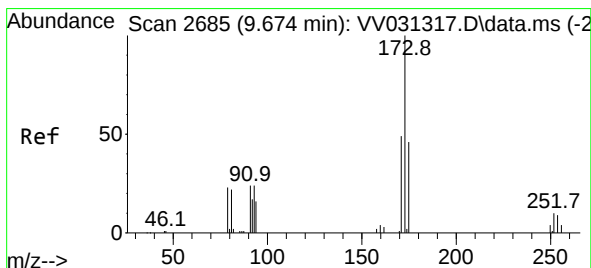
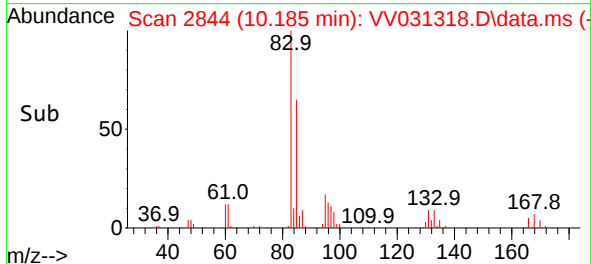
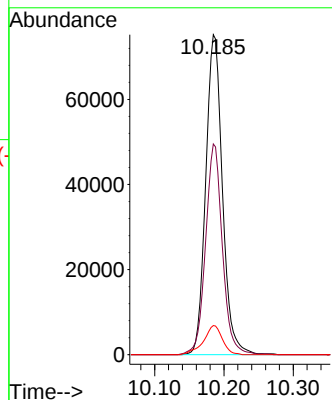
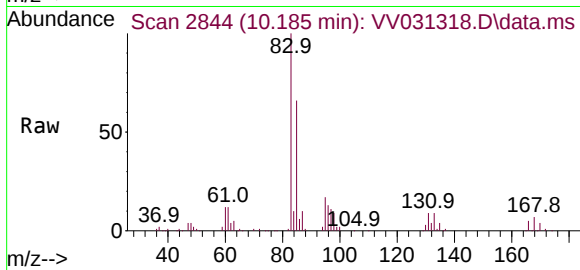




#57
1,1,2,2-Tetrachloroethane
Concen: 9.078 ug/L
RT: 10.185 min Scan# 2844
Delta R.T. -0.000 min
Lab File: VV031318.D
Acq: 01 Jun 2023 15:13

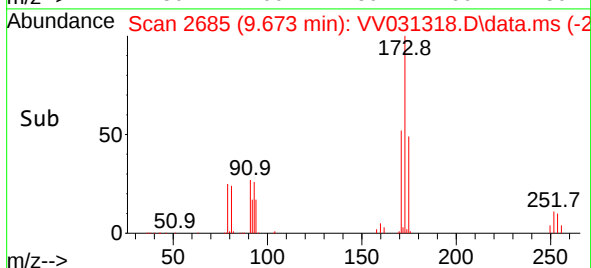
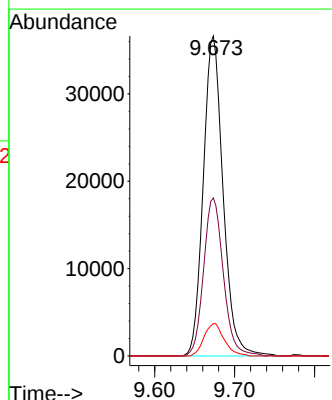
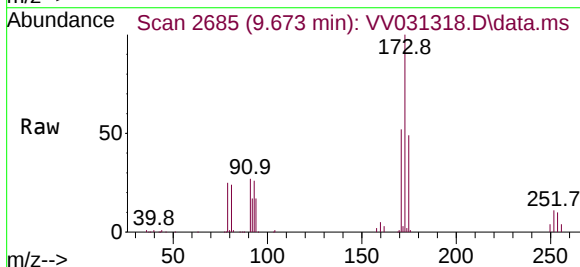
Instrument :
MSVOA_V
ClientSampleId :
VSTD010256

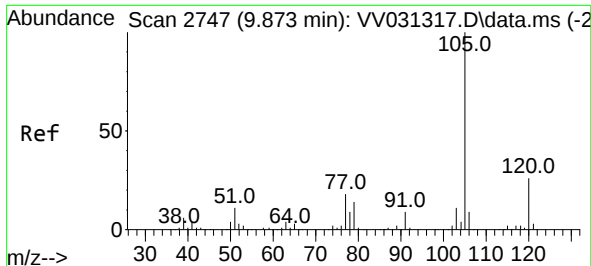
Tgt Ion: 83 Resp: 125889
Ion Ratio Lower Upper
83 100
85 65.8 45.0 83.6
131 9.1 7.3 10.9



#59
Bromoform
Concen: 8.461 ug/L
RT: 9.673 min Scan# 2685
Delta R.T. -0.000 min
Lab File: VV031318.D
Acq: 01 Jun 2023 15:13

Tgt Ion: 173 Resp: 63157
Ion Ratio Lower Upper
173 100
175 49.3 38.9 58.3
254 10.3 7.8 11.8

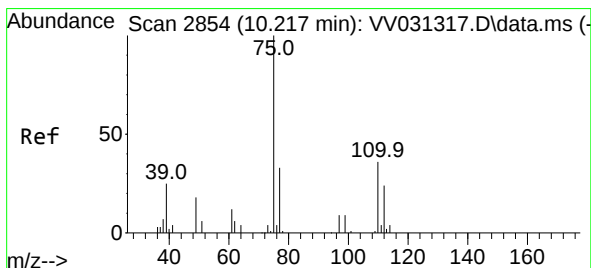
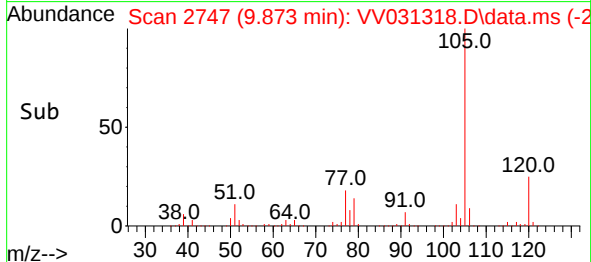
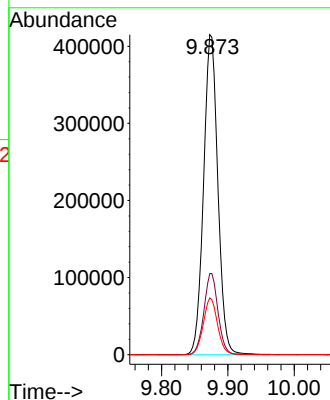
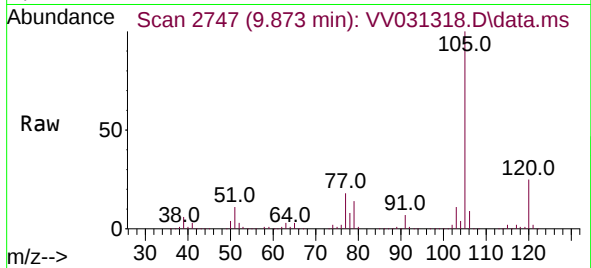




#60
Isopropylbenzene
Concen: 9.374 ug/L
RT: 9.873 min Scan# 21
Delta R.T. -0.000 min
Lab File: VV031318.D
Acq: 01 Jun 2023 15:13

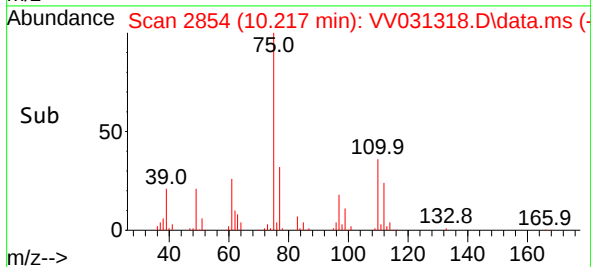
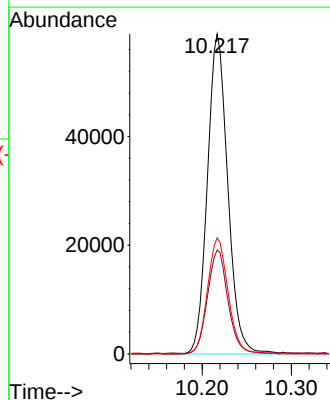
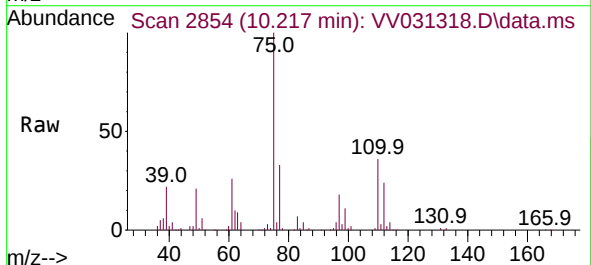
Instrument :
MSVOA_V
ClientSampleId :
VSTD010256

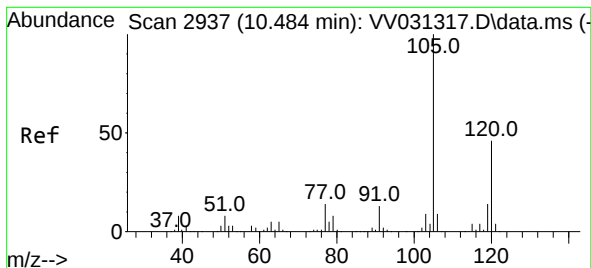
Tgt Ion:105 Resp: 620558
Ion Ratio Lower Upper
105 100
120 25.2 19.9 29.9
77 17.7 14.2 21.2



#61
1,2,3-Trichloropropane
Concen: 8.998 ug/L
RT: 10.217 min Scan# 2854
Delta R.T. -0.000 min
Lab File: VV031318.D
Acq: 01 Jun 2023 15:13

Tgt Ion: 75 Resp: 93488
Ion Ratio Lower Upper
75 100
77 32.1 27.3 40.9
110 36.7 29.4 44.0





#62

1,3,5-Trimethylbenzene

Concen: 9.464 ug/L

RT: 10.484 min Scan# 2937

Delta R.T. -0.000 min

Lab File: VV031318.D

Acq: 01 Jun 2023 15:13

Instrument :

MSVOA_V

ClientSampleId :

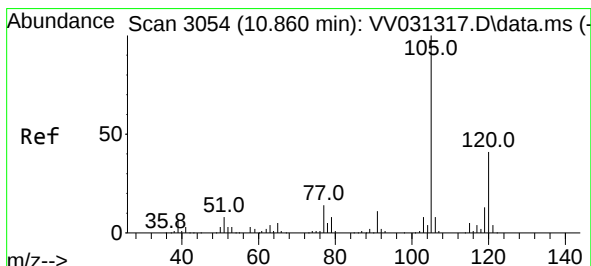
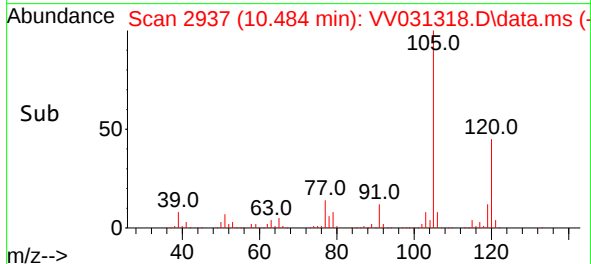
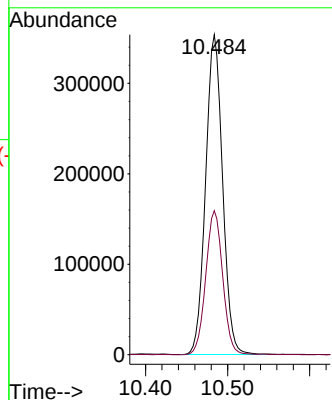
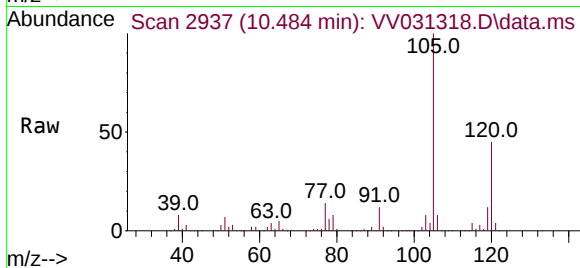
VSTD010256

Tgt Ion:105 Resp: 509371

Ion Ratio Lower Upper

105 100

120 45.0 35.9 53.9



#63

1,2,4-Trimethylbenzene

Concen: 9.703 ug/L

RT: 10.860 min Scan# 3054

Delta R.T. -0.000 min

Lab File: VV031318.D

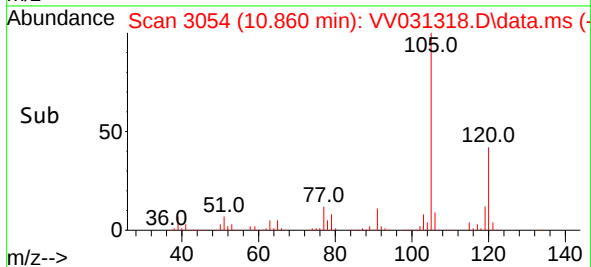
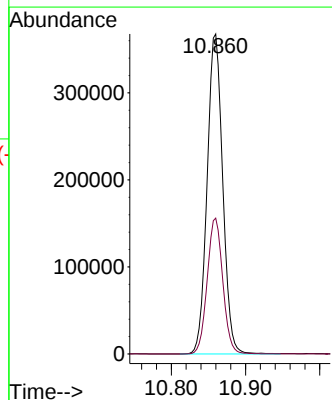
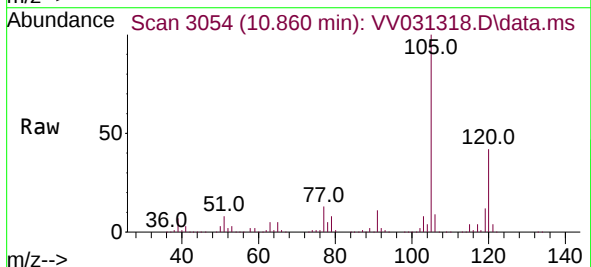
Acq: 01 Jun 2023 15:13

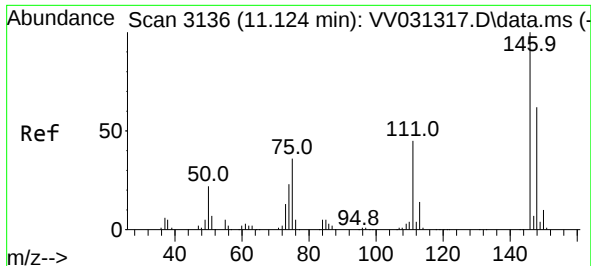
Tgt Ion:105 Resp: 535043

Ion Ratio Lower Upper

105 100

120 42.4 33.2 49.8

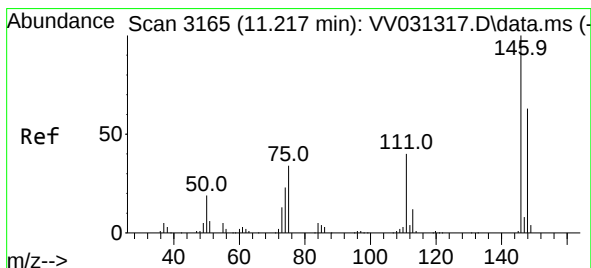
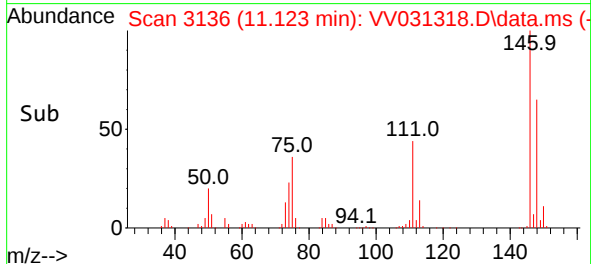
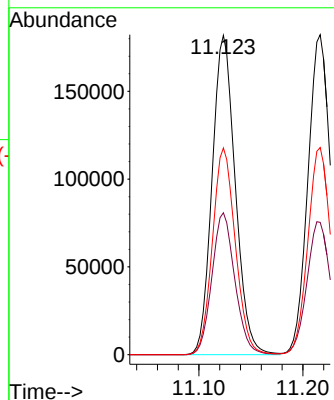
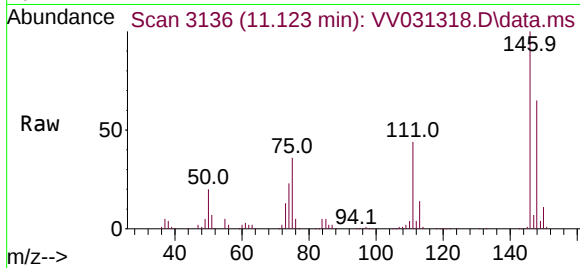




#64
1,3-Dichlorobenzene
Concen: 8.811 ug/L
RT: 11.123 min Scan# 3136
Delta R.T. -0.000 min
Lab File: VV031318.D
Acq: 01 Jun 2023 15:13

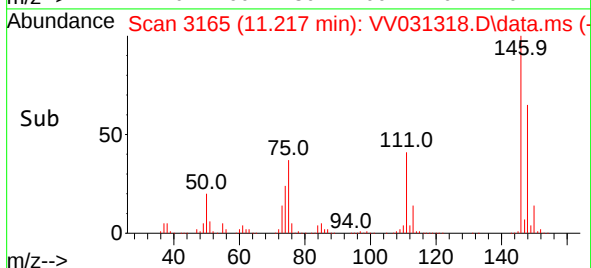
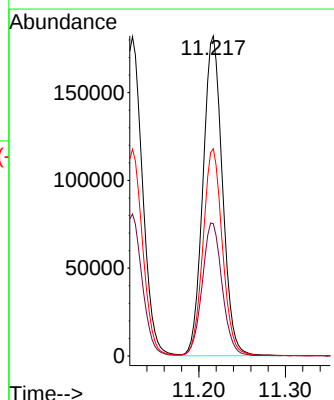
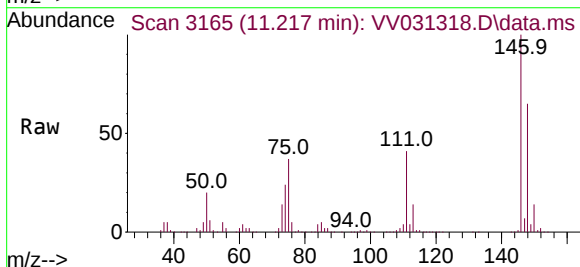
Instrument :
MSVOA_V
ClientSampleId :
VSTD010256

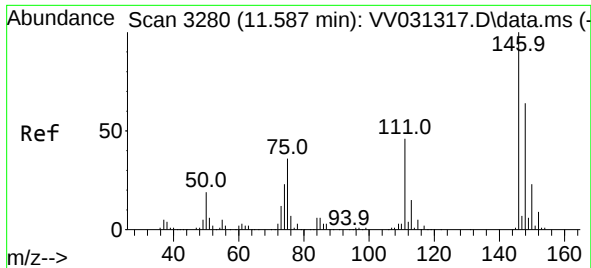
Tgt Ion:146 Resp: 281789
Ion Ratio Lower Upper
146 100
111 44.4 31.1 57.9
148 64.7 43.6 81.0



#65
1,4-Dichlorobenzene
Concen: 8.817 ug/L
RT: 11.217 min Scan# 3165
Delta R.T. -0.000 min
Lab File: VV031318.D
Acq: 01 Jun 2023 15:13

Tgt Ion:146 Resp: 284271
Ion Ratio Lower Upper
146 100
111 41.4 28.4 52.8
148 64.8 44.2 82.0





#67

1,2-Dichlorobenzene

Concen: 8.964 ug/L

RT: 11.586 min Scan# 31

Delta R.T. -0.000 min

Lab File: VV031318.D

Acq: 01 Jun 2023 15:13

Instrument :

MSVOA_V

ClientSampleId :

VSTD010256

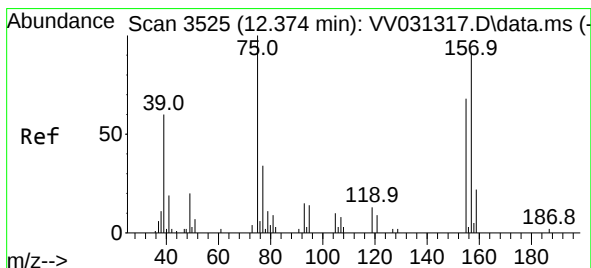
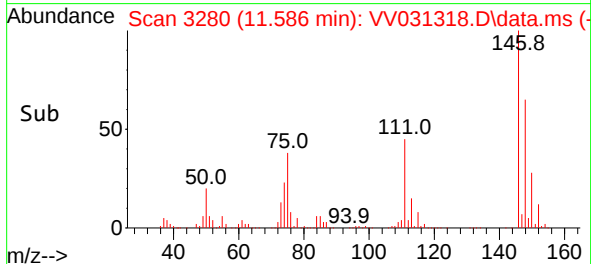
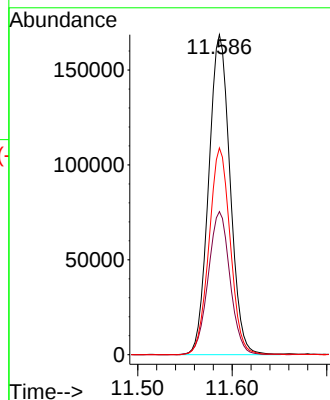
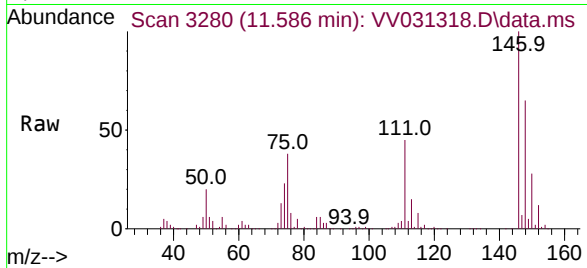
Tgt Ion:146 Resp: 265247

Ion Ratio Lower Upper

146 100

111 44.7 36.6 54.8

148 64.6 51.1 76.7



#68

1,2-Dibromo-3-chloropropane

Concen: 8.682 ug/L

RT: 12.374 min Scan# 3525

Delta R.T. -0.000 min

Lab File: VV031318.D

Acq: 01 Jun 2023 15:13

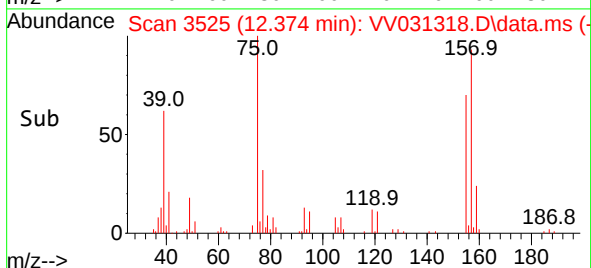
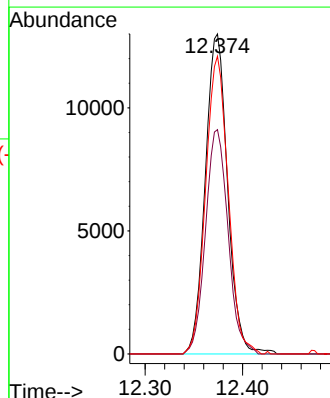
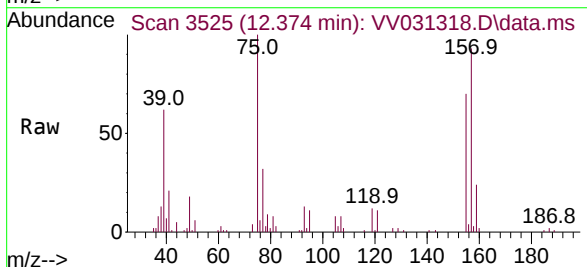
Tgt Ion: 75 Resp: 20659

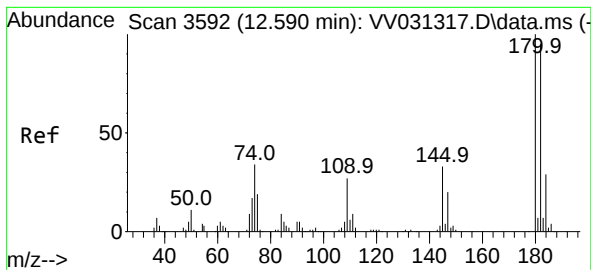
Ion Ratio Lower Upper

75 100

155 70.1 54.6 82.0

157 93.0 72.7 109.1





#69

1,3,5-Trichlorobenzene

Concen: 8.752 ug/L

RT: 12.590 min Scan# 3592

Delta R.T. -0.000 min

Lab File: VV031318.D

Acq: 01 Jun 2023 15:13

Instrument :

MSVOA_V

ClientSampleId :

VSTD010256

Tgt Ion:180 Resp: 206514

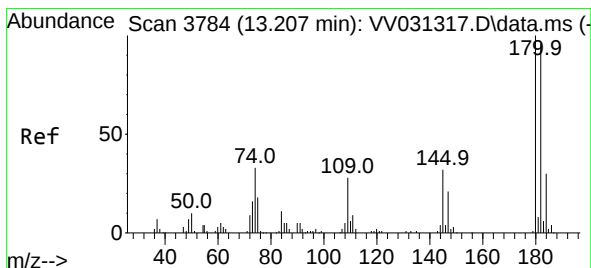
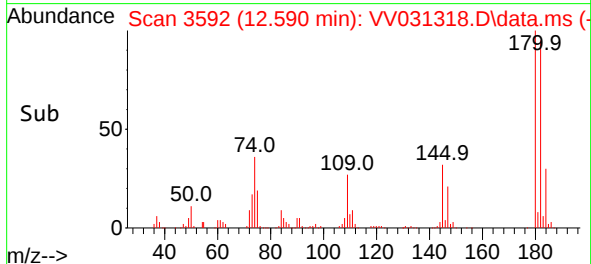
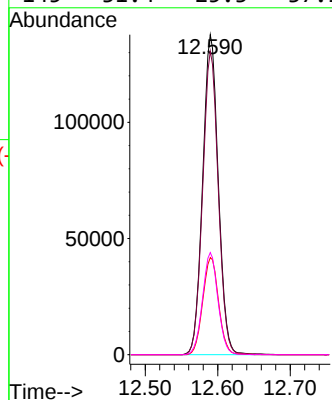
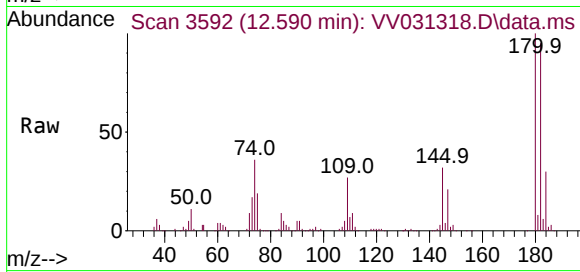
Ion Ratio Lower Upper

180 100

182 94.4 76.1 114.1

184 30.7 23.8 35.6

145 31.4 25.3 37.9



#70

1,2,4-trichlorobenzene

Concen: 9.479 ug/L

RT: 13.207 min Scan# 3784

Delta R.T. -0.000 min

Lab File: VV031318.D

Acq: 01 Jun 2023 15:13

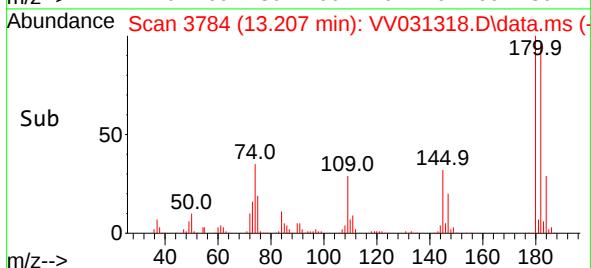
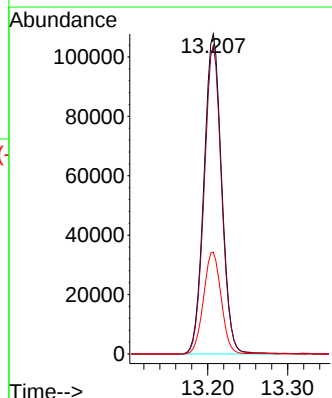
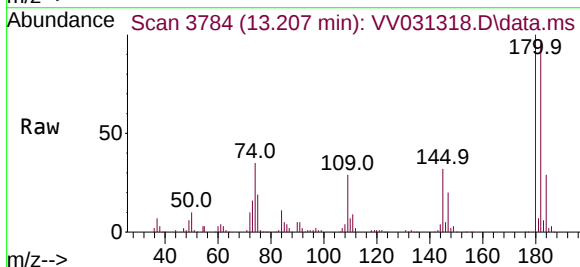
Tgt Ion:180 Resp: 165689

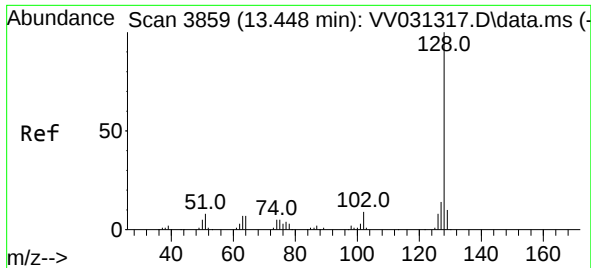
Ion Ratio Lower Upper

180 100

182 95.2 76.7 115.1

145 31.7 26.3 39.5

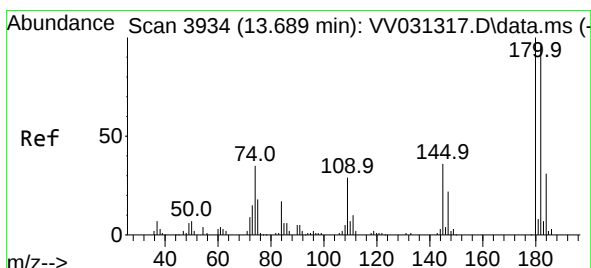
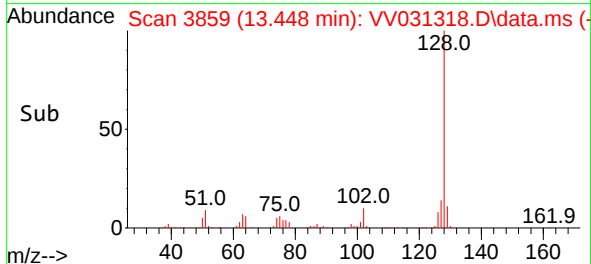
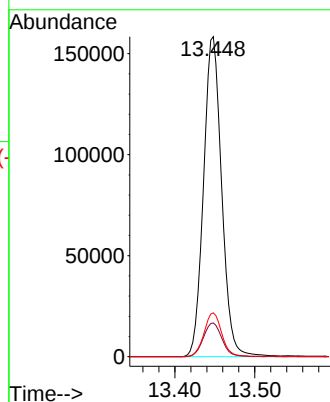
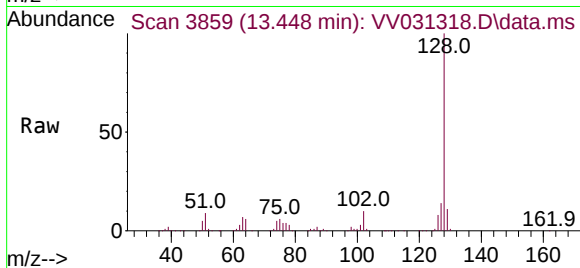




#71
Naphthalene
Concen: 10.208 ug/L
RT: 13.448 min Scan# 3859
Delta R.T. -0.000 min
Lab File: VV031318.D
Acq: 01 Jun 2023 15:13

Instrument :
MSVOA_V
ClientSampleId :
VSTD010256

Tgt Ion:	128	Resp:	250264
Ion	Ratio	Lower	Upper
128	100		
129	10.8	9.0	13.6
127	13.5	11.4	17.2



#72
1,2,3-Trichlorobenzene
Concen: 9.406 ug/L
RT: 13.689 min Scan# 3934
Delta R.T. -0.000 min
Lab File: VV031318.D
Acq: 01 Jun 2023 15:13

Tgt Ion:	180	Resp:	151885
Ion	Ratio	Lower	Upper
180	100		
182	96.3	75.4	113.0
145	34.5	27.8	41.6

