

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW060123\
 Data File : VW031316.D
 Acq On : 01 Jun 2023 14:24
 Operator : SY/MD
 Sample : VSTD00154
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD001254

Quant Time: Jun 02 02:04:31 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	125331	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.792	117	129990	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.191	152	60999	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	12900	1.175	ug/L	0.00
7) Chloroethane-d5	1.532	69	10643	0.951	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.056	65	6062	1.083	ug/L	0.00
20) 2-Butanone-d5	3.876	46	6917	2.012	ug/L	0.04
24) Chloroform-d	4.262	84	19663	0.805	ug/L	0.00
26) 1,2-Dichloroethane-d4	4.960	65	11226	0.865	ug/L	0.00
32) Benzene-d6	4.969	84	34618	0.768	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.002	67	12127	0.768	ug/L	0.00
41) Toluene-d8	7.252	98	30735	0.756	ug/L	0.00
43) trans-1,3-Dichloroprop...	7.571	79	4336	0.815	ug/L	0.00
46) 2-Hexanone-d5	8.046	63	12980	5.317	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.162	84	8819	0.724	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	11.570	152	11049	0.902	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.108	85	19256	0.979	ug/L	98
3) Chloromethane	1.217	50	17541	0.935	ug/L	99
5) Vinyl chloride	1.281	62	18020	0.957	ug/L	87
6) Bromomethane	1.487	94	10772	1.024	ug/L	98
8) Chloroethane	1.548	64	11607	0.983	ug/L	95
9) Trichlorofluoromethane	1.709	101	27585	0.979	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.066	101	15037	0.953	ug/L	97
12) 1,1-Dichloroethene	2.066	96	12418	0.932	ug/L	89
13) Acetone	2.162	43	9575	3.095	ug/L	85
14) Carbon disulfide	2.236	76	36010	0.900	ug/L	97
15) Methyl Acetate	2.400	43	4073	0.728	ug/L #	81
16) Methylene chloride	2.449	84	20321	1.129	ug/L	91
17) Methyl tert-butyl Ether	2.719	73	26767	0.927	ug/L	98
18) trans-1,2-Dichloroethene	2.693	96	12432	0.987	ug/L	97
19) 1,1-Dichloroethane	3.114	63	26272	0.942	ug/L	100
21) 2-Butanone	3.941	43	7187	1.827	ug/L #	70
22) cis-1,2-Dichloroethene	3.828	96	11013	0.839	ug/L	100
23) Bromochloromethane	4.153	128	2246	0.380	ug/L #	83
25) Chloroform	4.285	83	29185	0.996	ug/L	99
27) 1,2-Dichloroethane	5.059	62	15863	0.979	ug/L #	75
29) 1,1,1-Trichloroethane	4.519	97	23554	0.938	ug/L	99
30) Cyclohexane	4.584	56	18347	0.786	ug/L	99
31) Carbon tetrachloride	4.741	117	20764	0.925	ug/L	99
33) Benzene	5.018	78	43229	0.792	ug/L	100
34) Trichloroethene	5.841	95	12841	0.858	ug/L	93
35) Methylcyclohexane	6.053	83	17106	0.773	ug/L	98
37) 1,2-Dichloropropane	6.104	63	13709	0.935	ug/L #	92
38) Bromodichloromethane	6.445	83	18350	0.925	ug/L	98
39) cis-1,3-Dichloropropene	6.966	75	16206	0.811	ug/L	97
40) 4-Methyl-2-pentanone	7.175	43	68514	7.789	ug/L	96
42) Toluene	7.323	91	45955	0.807	ug/L	97
44) trans-1,3-Dichloropropene	7.596	75	14422	0.869	ug/L	97

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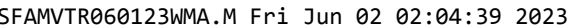
Quant Time: Jun 02 02:04:31 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR060123WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Jun 02 02:03:19 2023
 Response via : Initial Calibration

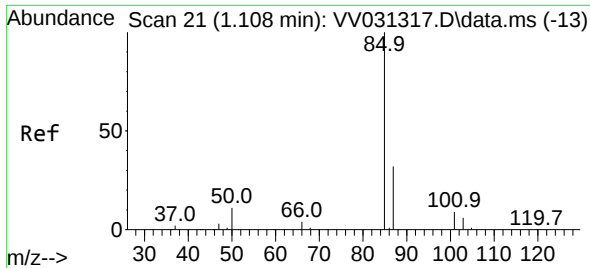
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

45) 1,1,2-Trichloroethane	7.780	97	9329	0.908	ug/L	98
47) Tetrachloroethene	7.911	164	9793	0.859	ug/L	96
48) 2-Hexanone	8.091	43	53110	7.957	ug/L	92
49) Dibromochloromethane	8.188	129	10264	0.883	ug/L	98
50) 1,2-Dibromoethane	8.291	107	8633	0.876	ug/L #	88
51) Chlorobenzene	8.821	112	30892	0.883	ug/L	99
52) Ethylbenzene	8.953	91	46376	0.776	ug/L	95
53) m,p-Xylene	9.082	106	15782	0.734	ug/L	99
54) o-Xylene	9.487	106	15344	0.759	ug/L	100
55) Styrene	9.506	104	24256	0.679	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.188	83	11364	0.928	ug/L	96
59) Bromoform	9.677	173	5110	0.907	ug/L	97
60) Isopropylbenzene	9.876	105	42017	0.841	ug/L	98
61) 1,2,3-Trichloropropane	10.220	75	7814	0.996	ug/L	97
62) 1,3,5-Trimethylbenzene	10.484	105	31681	0.780	ug/L	99
63) 1,2,4-Trimethylbenzene	10.860	105	32252	0.775	ug/L	98
64) 1,3-Dichlorobenzene	11.127	146	21160	0.876	ug/L	97
65) 1,4-Dichlorobenzene	11.220	146	22625	0.929	ug/L	98
67) 1,2-Dichlorobenzene	11.586	146	20433	0.915	ug/L	95
68) 1,2-Dibromo-3-chloropr...	12.371	75	1930	1.074	ug/L	89
69) 1,3,5-Trichlorobenzene	12.590	180	15088	0.847	ug/L	99
70) 1,2,4-trichlorobenzene	13.207	180	11218	0.850	ug/L	98
71) Naphthalene	13.451	128	14650	0.791	ug/L	99
72) 1,2,3-Trichlorobenzene	13.689	180	9672	0.793	ug/L	98

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

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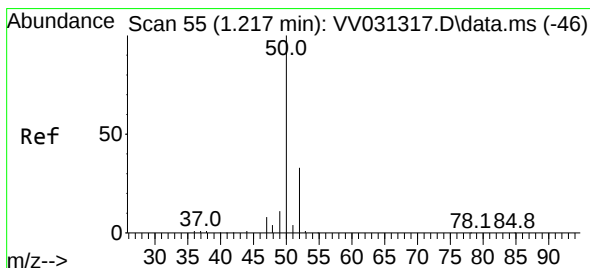
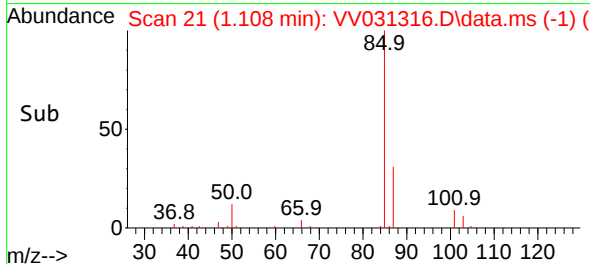
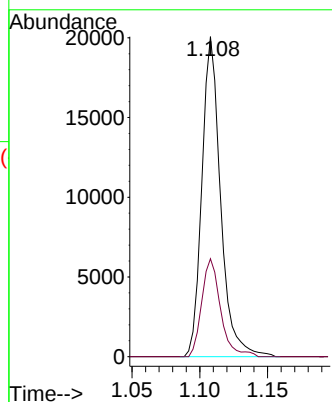
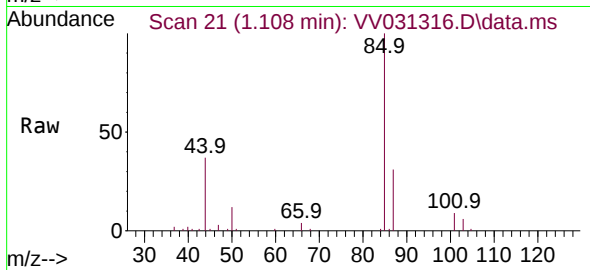




#2
 Dichlorodifluoromethane
 Concen: 0.979 ug/L
 RT: 1.108 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VV031316.D
 Acq: 01 Jun 2023 14:24

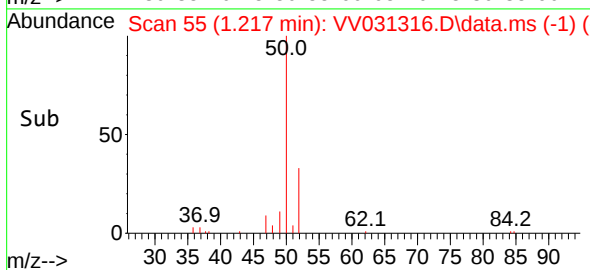
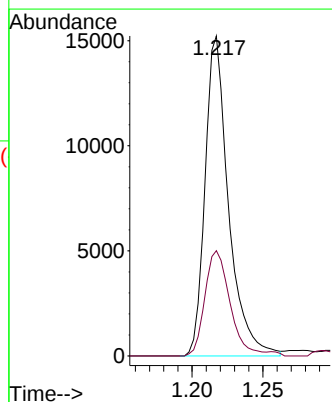
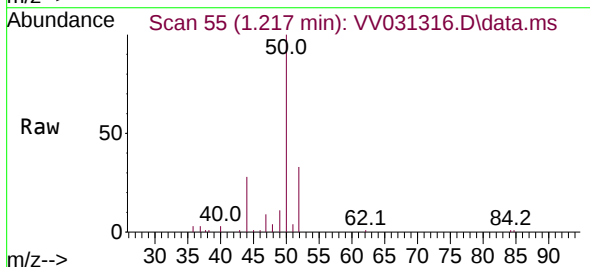
Instrument :
 MSVOA_V
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 VSTD001254

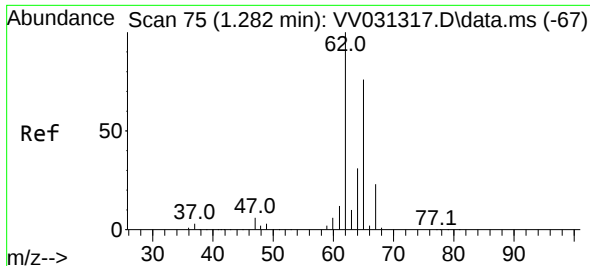
Tgt Ion: 85 Resp: 19256
 Ion Ratio Lower Upper
 85 100
 87 30.8 25.6 38.4



#3
 Chloromethane
 Concen: 0.935 ug/L
 RT: 1.217 min Scan# 55
 Delta R.T. -0.000 min
 Lab File: VV031316.D
 Acq: 01 Jun 2023 14:24

Tgt Ion: 50 Resp: 17541
 Ion Ratio Lower Upper
 50 100
 52 32.9 23.2 43.2

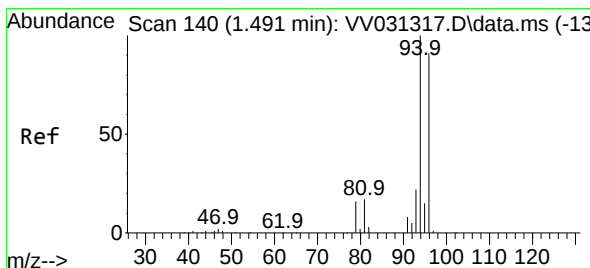
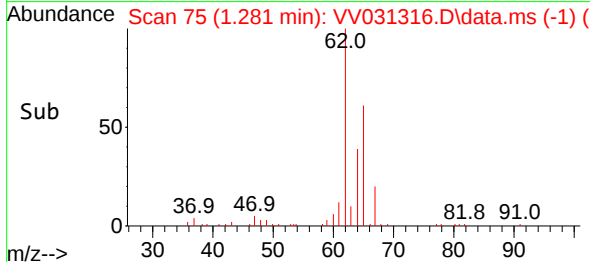
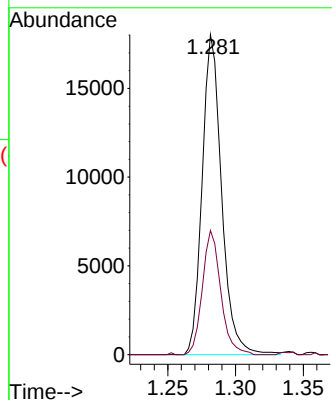
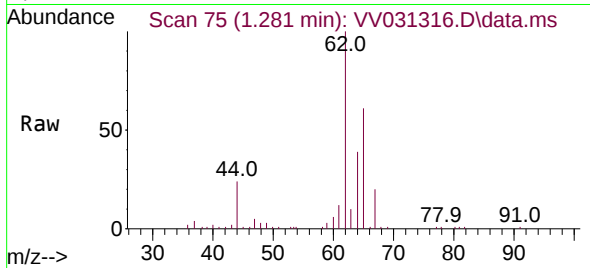




#5
 Vinyl chloride
 Concen: 0.957 ug/L
 RT: 1.281 min Scan# 75
 Delta R.T. -0.000 min
 Lab File: VV031316.D
 Acq: 01 Jun 2023 14:24

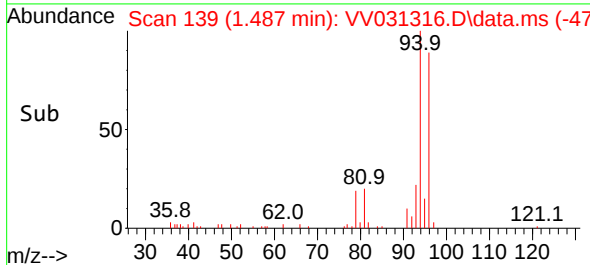
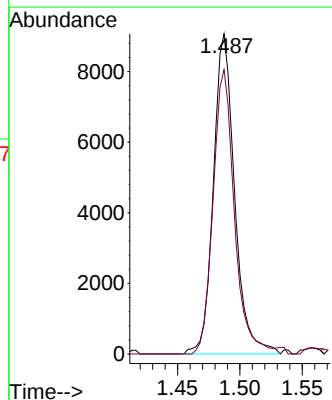
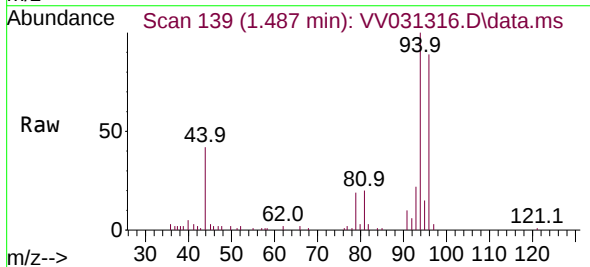
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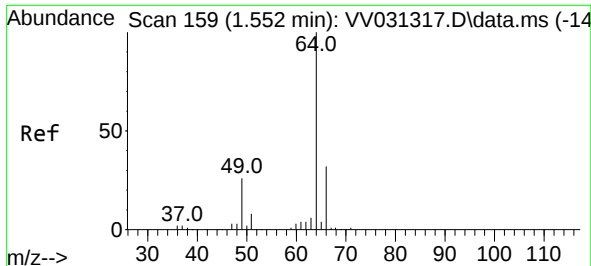
Tgt Ion: 62 Resp: 18020
 Ion Ratio Lower Upper
 62 100
 64 38.8 22.0 40.8



#6
 Bromomethane
 Concen: 1.024 ug/L
 RT: 1.487 min Scan# 139
 Delta R.T. -0.003 min
 Lab File: VV031316.D
 Acq: 01 Jun 2023 14:24

Tgt Ion: 94 Resp: 10772
 Ion Ratio Lower Upper
 94 100
 96 88.8 63.7 118.3

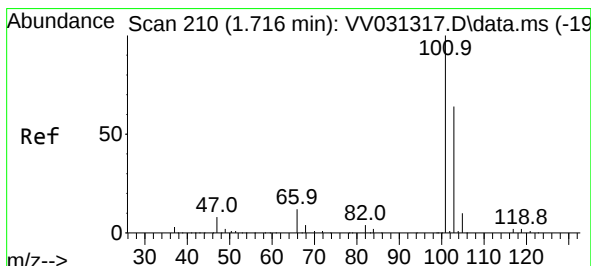
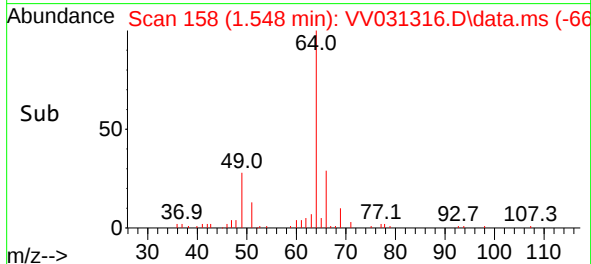
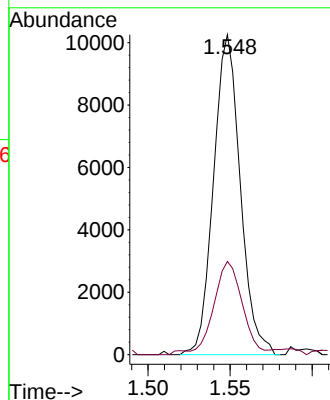
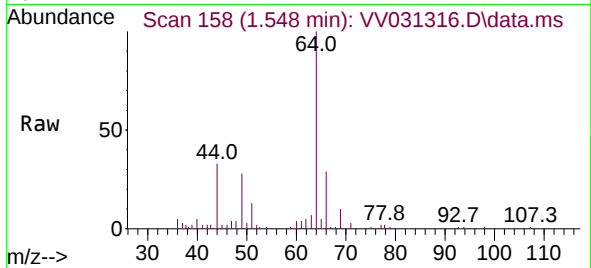




#8
Chloroethane
Concen: 0.983 ug/L
RT: 1.548 min Scan# 11
Delta R.T. -0.003 min
Lab File: VV031316.D
Acq: 01 Jun 2023 14:24

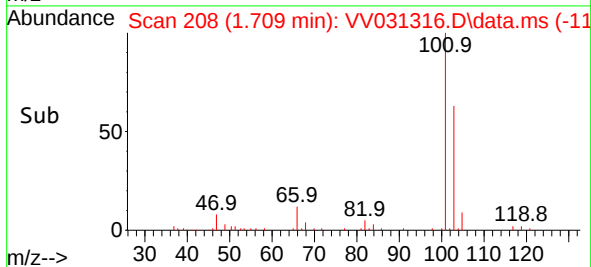
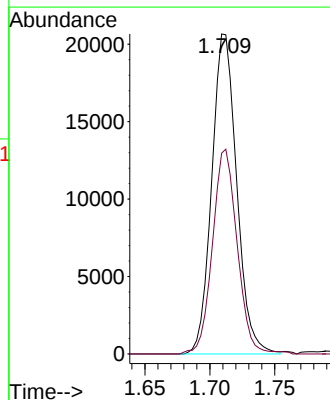
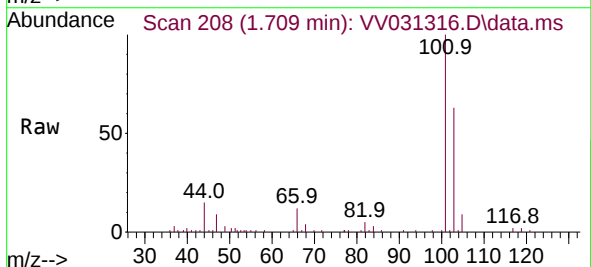
Instrument :
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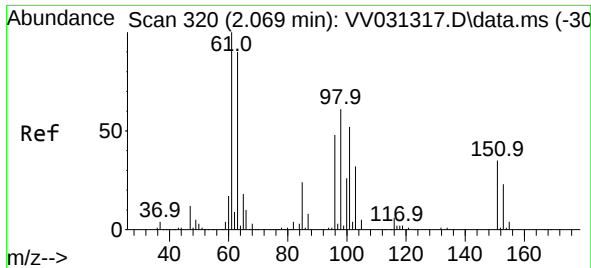
Tgt Ion: 64 Resp: 11607
Ion Ratio Lower Upper
64 100
66 29.1 22.5 41.9



#9
Trichlorofluoromethane
Concen: 0.979 ug/L
RT: 1.709 min Scan# 208
Delta R.T. -0.007 min
Lab File: VV031316.D
Acq: 01 Jun 2023 14:24

Tgt Ion:101 Resp: 27585
Ion Ratio Lower Upper
101 100
103 63.3 51.4 77.0





#10

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

Concen: 0.953 ug/L

RT: 2.066 min Scan# 319

Delta R.T. -0.003 min

Lab File: VV031316.D

Acq: 01 Jun 2023 14:24

Instrument :

MSVOA_V

ClientSampleId :

VSTD001254

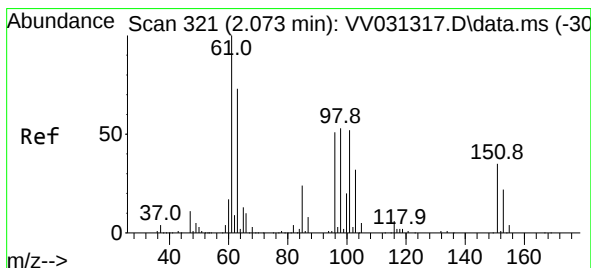
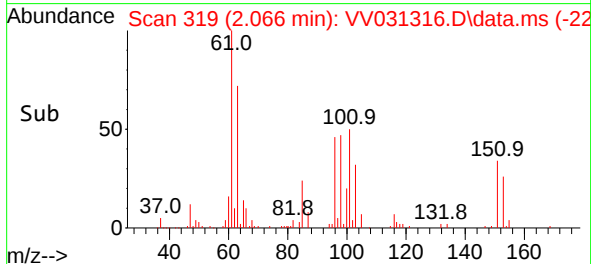
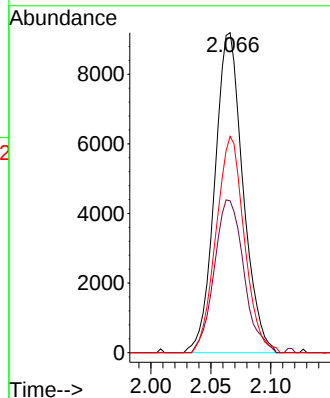
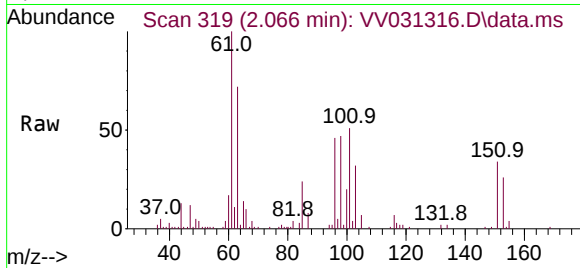
Tgt Ion:101 Resp: 15037

Ion Ratio Lower Upper

101 100

85 50.0 37.2 55.8

151 67.8 55.5 83.3



#12

1,1-Dichloroethene

Concen: 0.932 ug/L

RT: 2.066 min Scan# 319

Delta R.T. -0.007 min

Lab File: VV031316.D

Acq: 01 Jun 2023 14:24

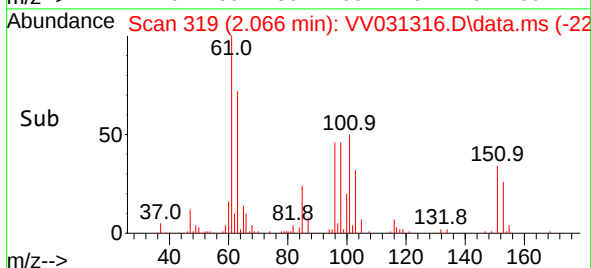
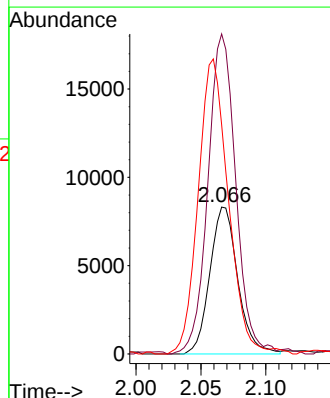
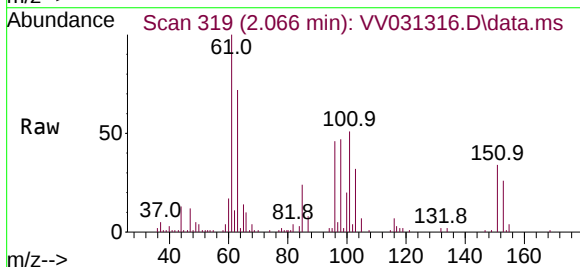
Tgt Ion: 96 Resp: 12418

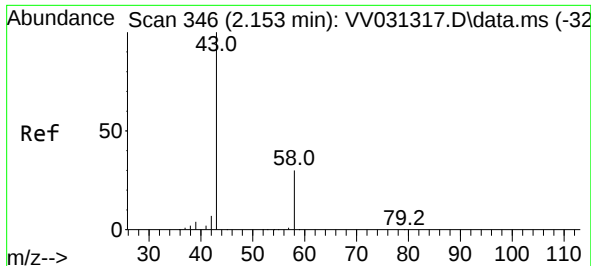
Ion Ratio Lower Upper

96 100

61 217.8 138.3 256.8

63 156.1 101.9 189.3





#13

Acetone

Concen: 3.095 ug/L

RT: 2.162 min Scan# 34

Delta R.T. 0.010 min

Lab File: VV031316.D

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ClientSampleId :

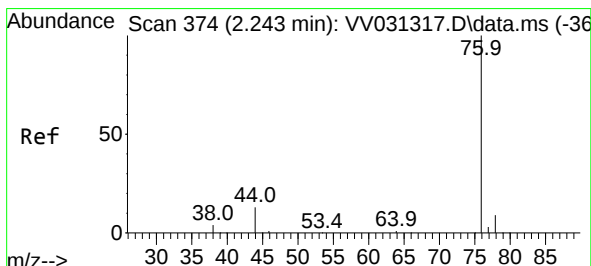
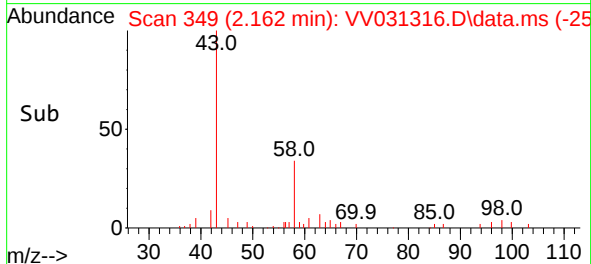
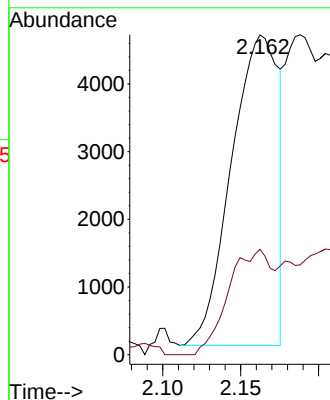
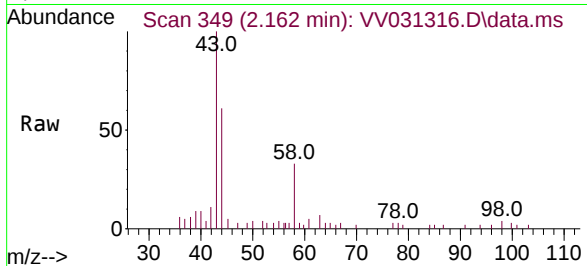
VSTD001254

Tgt Ion: 43 Resp: 9575

Ion Ratio Lower Upper

43 100

58 31.8 0.0 48.4



#14

Carbon disulfide

Concen: 0.900 ug/L

RT: 2.236 min Scan# 372

Delta R.T. -0.007 min

Lab File: VV031316.D

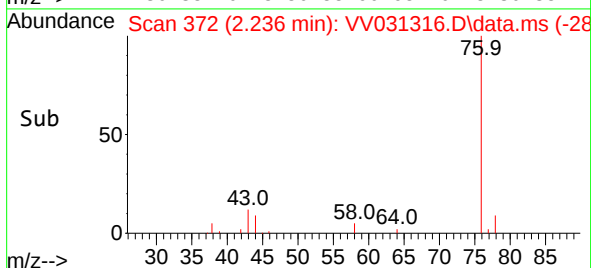
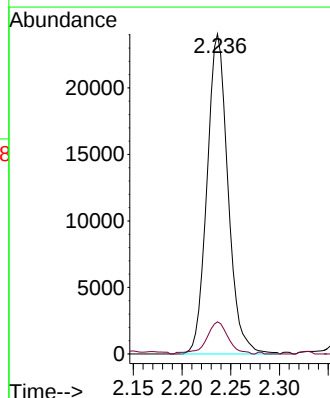
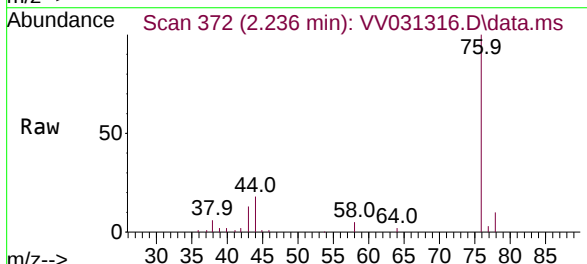
Acq: 01 Jun 2023 14:24

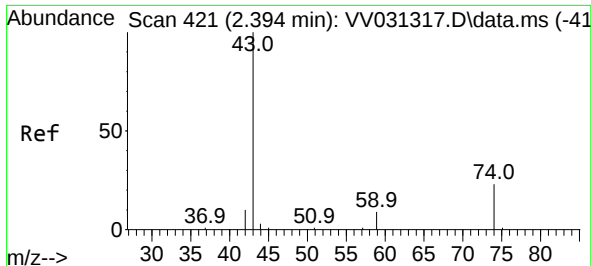
Tgt Ion: 76 Resp: 36010

Ion Ratio Lower Upper

76 100

78 10.0 7.2 10.8

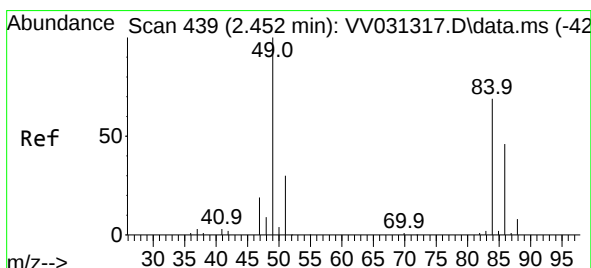
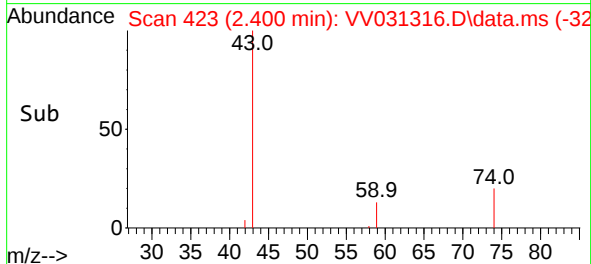
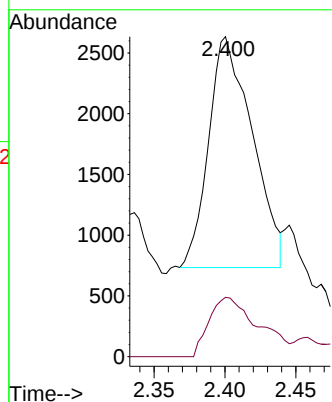
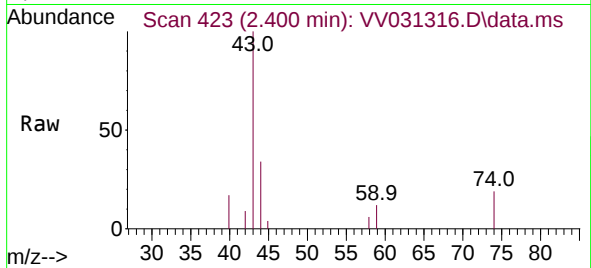




#15
Methyl Acetate
Concen: 0.728 ug/L
RT: 2.400 min Scan# 41
Delta R.T. 0.006 min
Lab File: VV031316.D
Acq: 01 Jun 2023 14:24

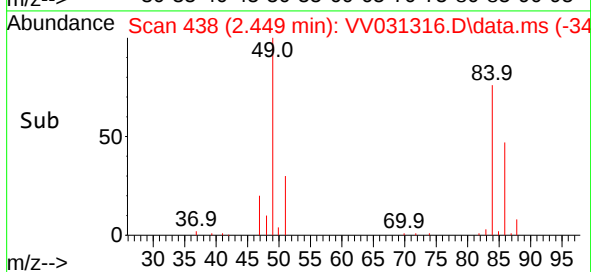
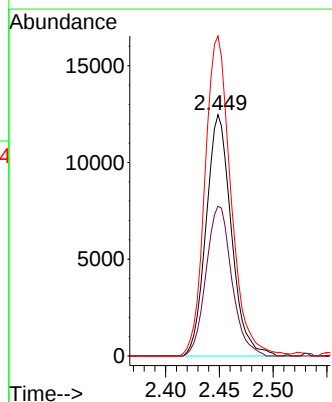
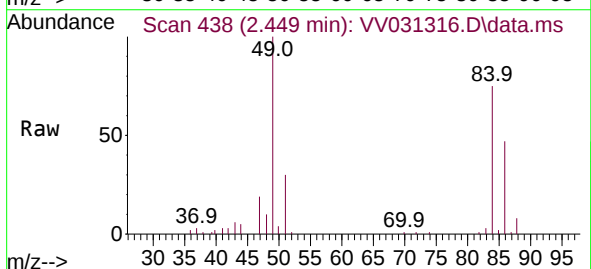
Instrument :
MSVOA_V
ClientSampleId :
VSTD001254

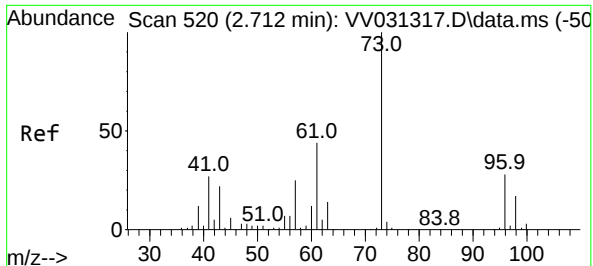
Tgt Ion: 43 Resp: 4073
Ion Ratio Lower Upper
43 100
74 29.1 16.2 24.2#



#16
Methylene chloride
Concen: 1.129 ug/L
RT: 2.449 min Scan# 438
Delta R.T. -0.003 min
Lab File: VV031316.D
Acq: 01 Jun 2023 14:24

Tgt Ion: 84 Resp: 20321
Ion Ratio Lower Upper
84 100
86 62.1 46.7 86.7
49 132.7 101.6 188.8





#17

Methyl tert-butyl Ether

Concen: 0.927 ug/L

RT: 2.719 min Scan# 51

Delta R.T. 0.006 min

Lab File: VV031316.D

Acq: 01 Jun 2023 14:24

Instrument :

MSVOA_V

ClientSampleId :

VSTD001254

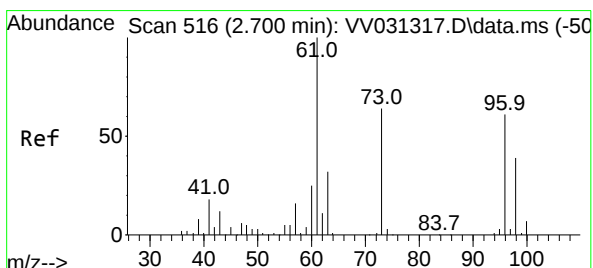
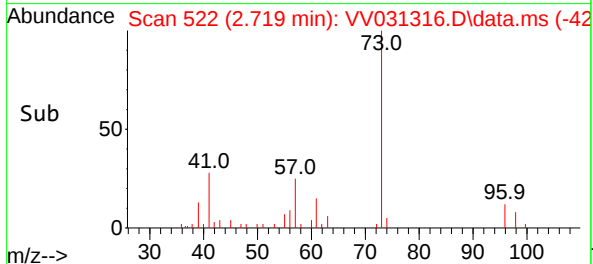
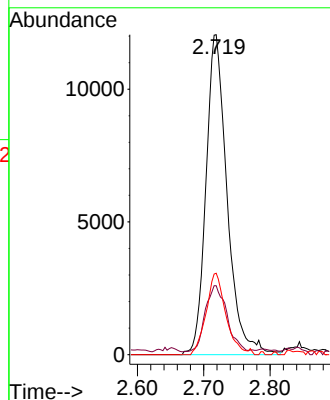
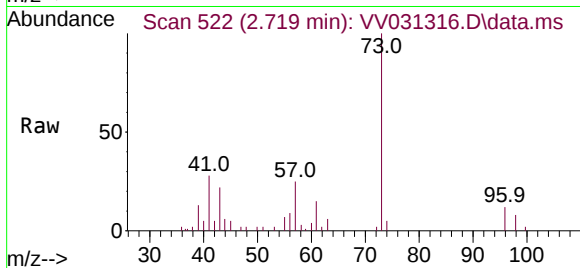
Tgt Ion: 73 Resp: 26767

Ion Ratio Lower Upper

73 100

43 21.8 17.8 26.8

57 23.6 19.8 29.8



#18

trans-1,2-Dichloroethene

Concen: 0.987 ug/L

RT: 2.693 min Scan# 514

Delta R.T. -0.007 min

Lab File: VV031316.D

Acq: 01 Jun 2023 14:24

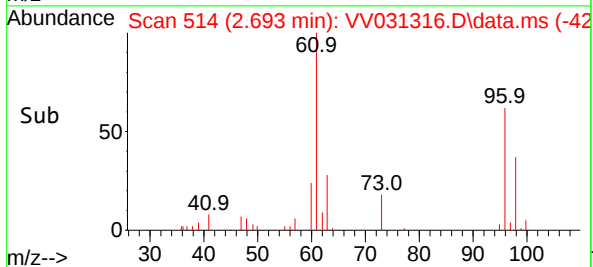
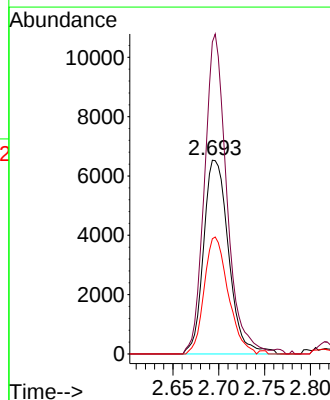
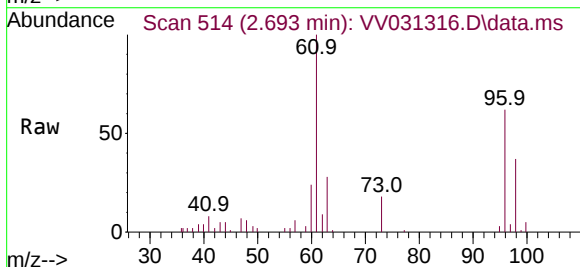
Tgt Ion: 96 Resp: 12432

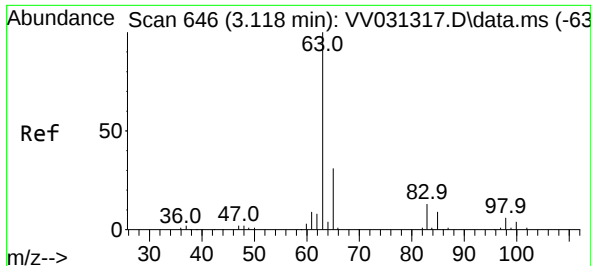
Ion Ratio Lower Upper

96 100

61 161.0 114.2 212.0

98 59.4 45.0 83.6





#19

1,1-Dichloroethane

Concen: 0.942 ug/L

RT: 3.114 min Scan# 64

Delta R.T. -0.003 min

Lab File: VV031316.D

Acq: 01 Jun 2023 14:24

Instrument :

MSVOA_V

ClientSampleId :

VSTD001254

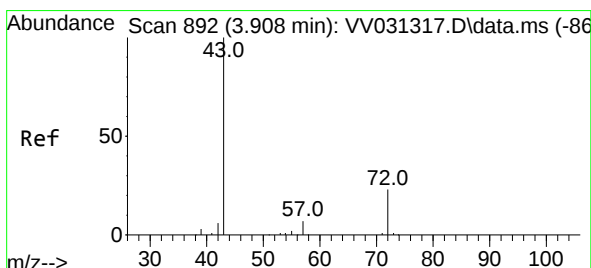
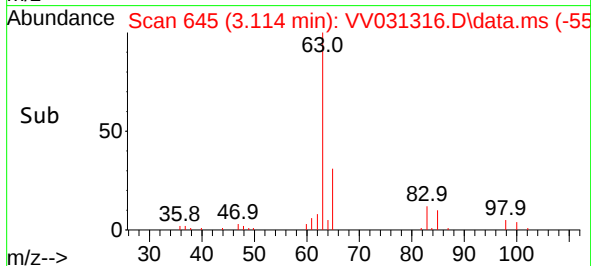
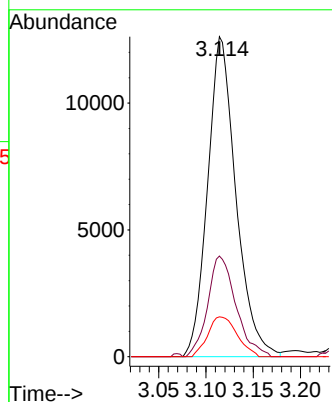
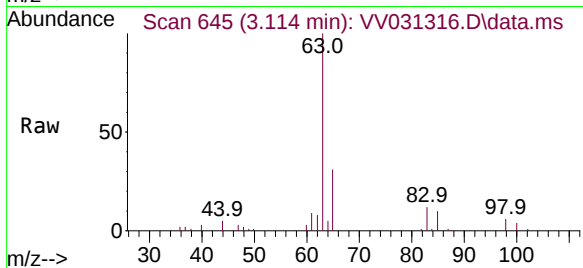
Tgt Ion: 63 Resp: 26272

Ion Ratio Lower Upper

63 100

65 31.4 22.0 40.8

83 12.5 9.0 16.6



#21

2-Butanone

Concen: 1.827 ug/L

RT: 3.941 min Scan# 902

Delta R.T. 0.032 min

Lab File: VV031316.D

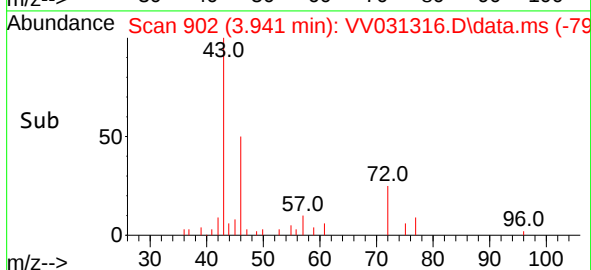
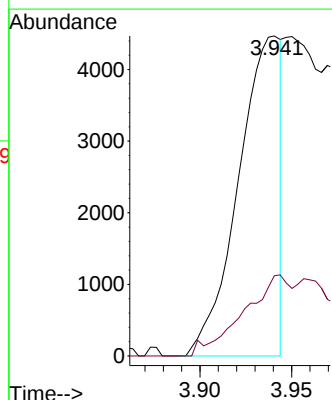
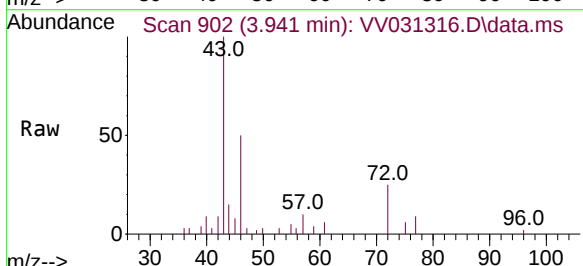
Acq: 01 Jun 2023 14:24

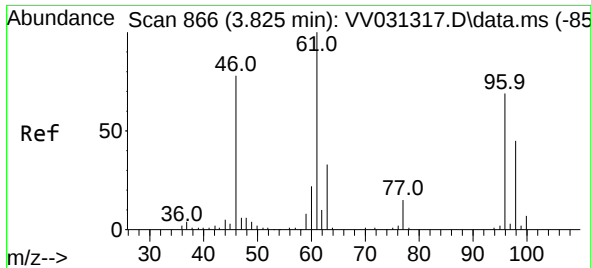
Tgt Ion: 43 Resp: 7187

Ion Ratio Lower Upper

43 100

72 28.2 7.8 23.5#

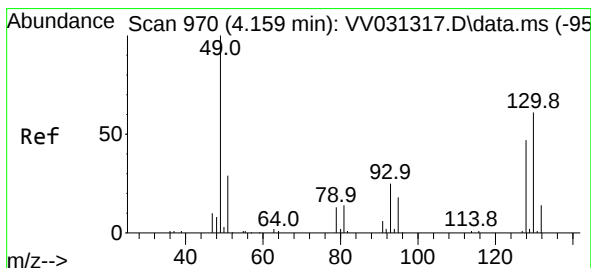
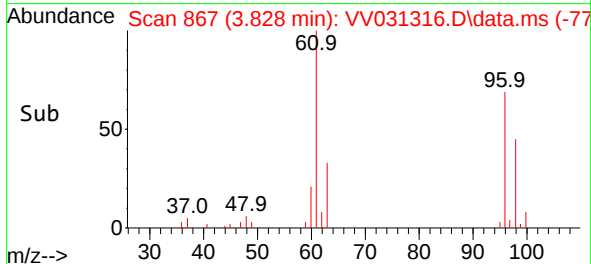
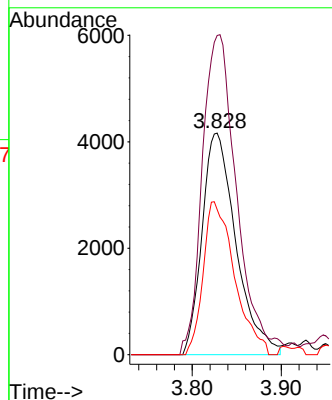
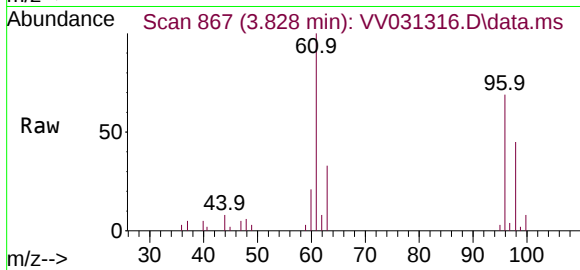




#22
 cis-1,2-Dichloroethene
 Concen: 0.839 ug/L
 RT: 3.828 min Scan# 866
 Delta R.T. 0.003 min
 Lab File: VV031316.D
 Acq: 01 Jun 2023 14:24

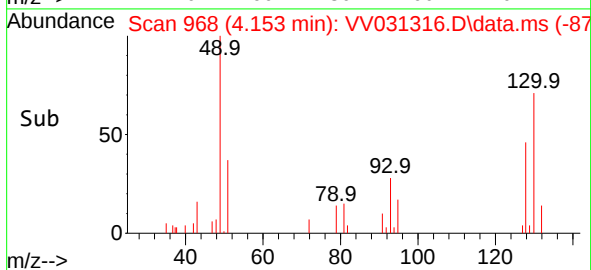
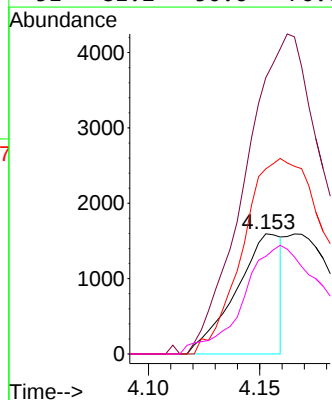
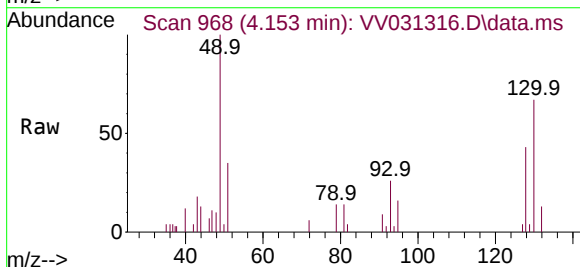
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD001254

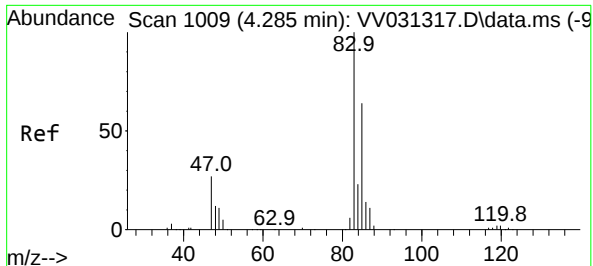
Tgt Ion: 96	Resp:	11013
Ion	Ratio	Lower Upper
96	100	
61	144.1	100.8 187.2
98	65.5	45.1 83.9



#23
 Bromochloromethane
 Concen: 0.380 ug/L
 RT: 4.153 min Scan# 968
 Delta R.T. -0.007 min
 Lab File: VV031316.D
 Acq: 01 Jun 2023 14:24

Tgt Ion: 128	Resp:	2246
Ion	Ratio	Lower Upper
128	100	
49	230.0	148.1 275.0
130	154.1	89.9 166.9
51	81.2	50.6 76.0





#25

Chloroform

Concen: 0.996 ug/L

RT: 4.285 min Scan# 1009

Delta R.T. -0.000 min

Lab File: VV031316.D

Acq: 01 Jun 2023 14:24

Instrument :

MSVOA_V

ClientSampleId :

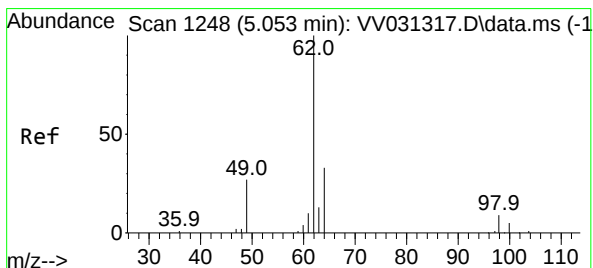
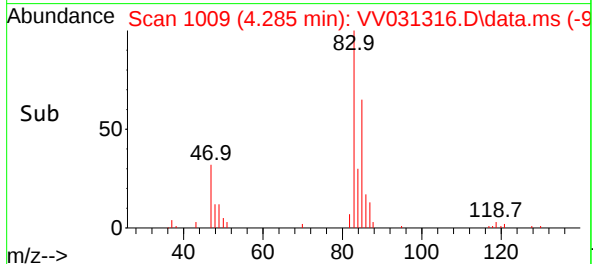
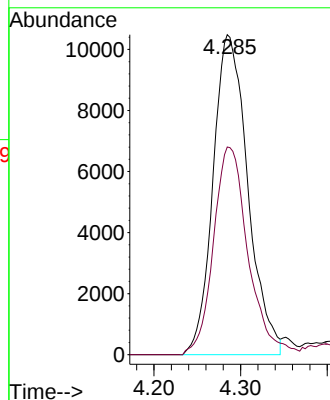
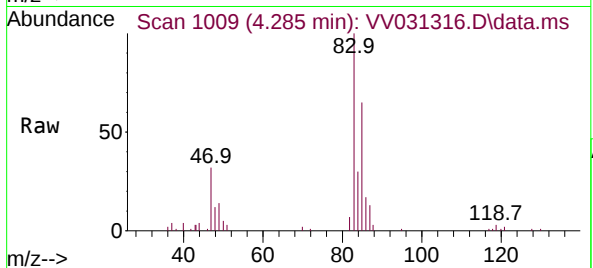
VSTD001254

Tgt Ion: 83 Resp: 29185

Ion Ratio Lower Upper

83 100

85 64.9 44.9 83.3



#27

1,2-Dichloroethane

Concen: 0.979 ug/L

RT: 5.059 min Scan# 1250

Delta R.T. 0.006 min

Lab File: VV031316.D

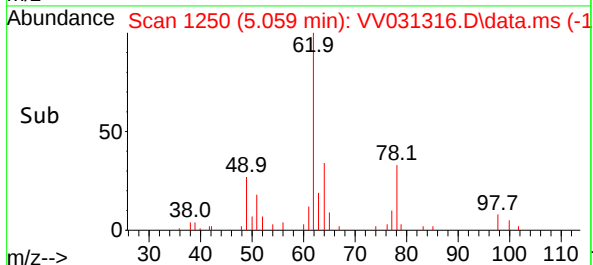
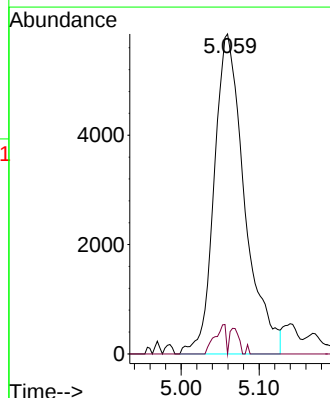
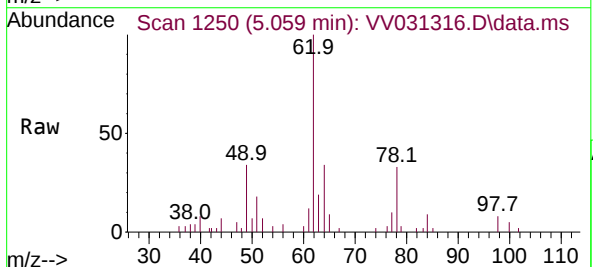
Acq: 01 Jun 2023 14:24

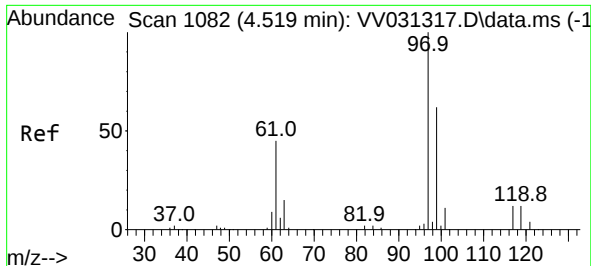
Tgt Ion: 62 Resp: 15863

Ion Ratio Lower Upper

62 100

98 0.0 7.2 10.8#





#29

1,1,1-Trichloroethane

Concen: 0.938 ug/L

RT: 4.519 min Scan# 1102

Delta R.T. -0.000 min

Lab File: VV031316.D

Acq: 01 Jun 2023 14:24

Instrument :

MSVOA_V

ClientSampleId :

VSTD001254

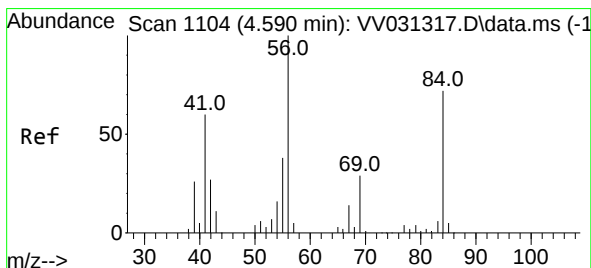
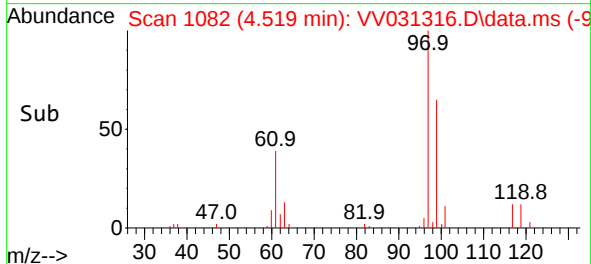
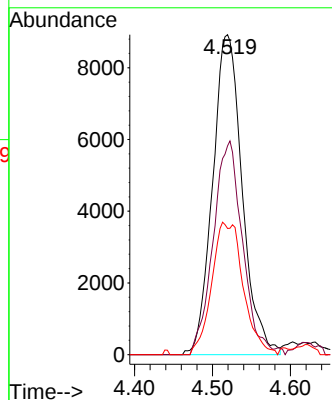
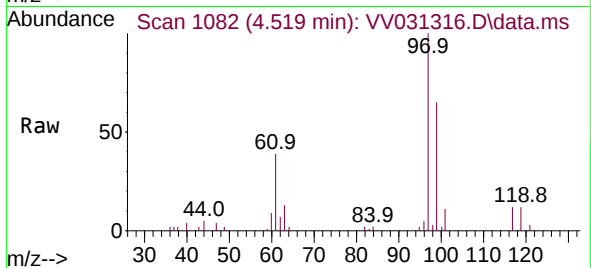
Tgt Ion: 97 Resp: 23554

Ion Ratio Lower Upper

97 100

99 65.9 52.2 78.4

61 43.9 36.4 54.6



#30

Cyclohexane

Concen: 0.786 ug/L

RT: 4.584 min Scan# 1102

Delta R.T. -0.007 min

Lab File: VV031316.D

Acq: 01 Jun 2023 14:24

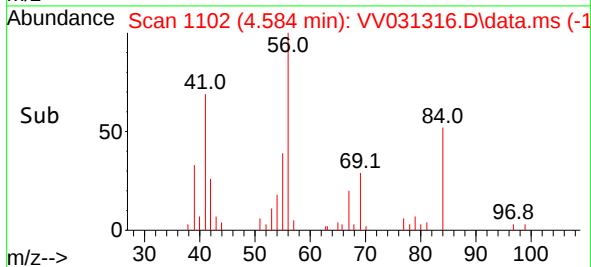
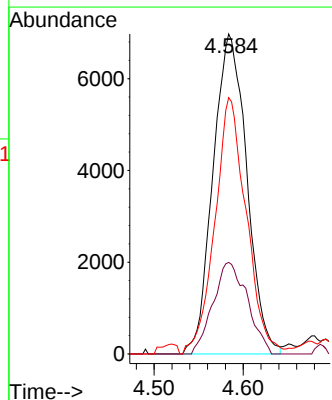
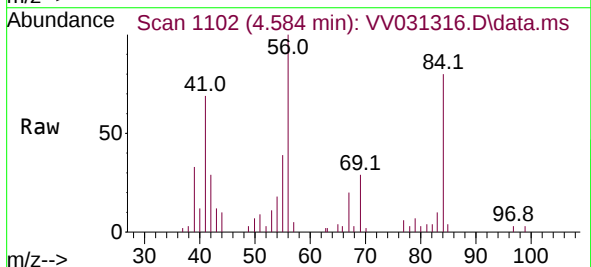
Tgt Ion: 56 Resp: 18347

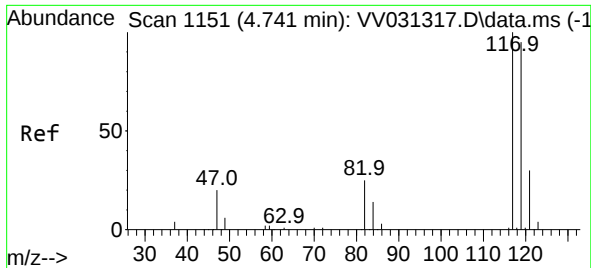
Ion Ratio Lower Upper

56 100

69 29.2 23.2 34.8

84 74.7 58.5 87.7

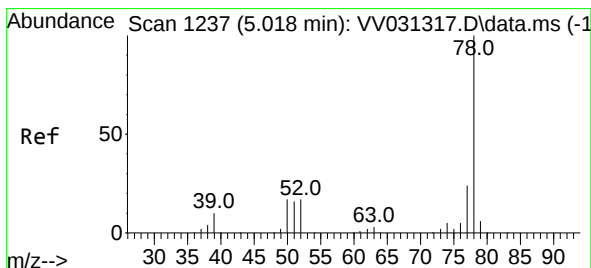
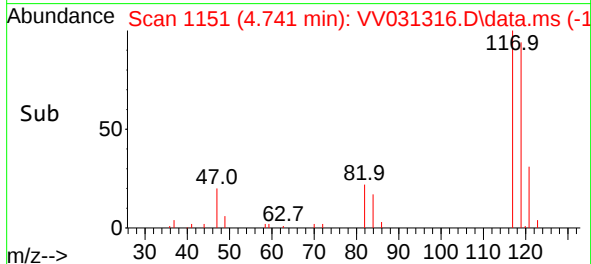
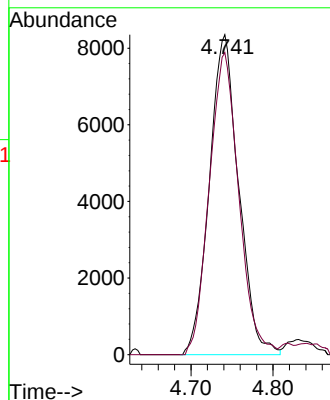
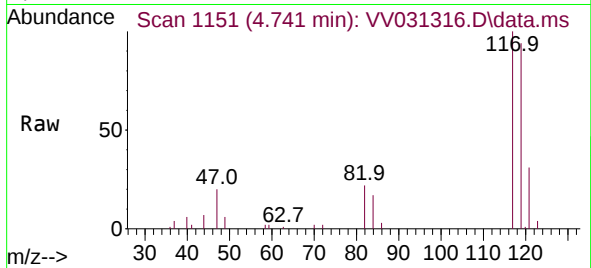




#31
Carbon tetrachloride
Concen: 0.925 ug/L
RT: 4.741 min Scan# 1151
Delta R.T. -0.000 min
Lab File: VV031316.D
Acq: 01 Jun 2023 14:24

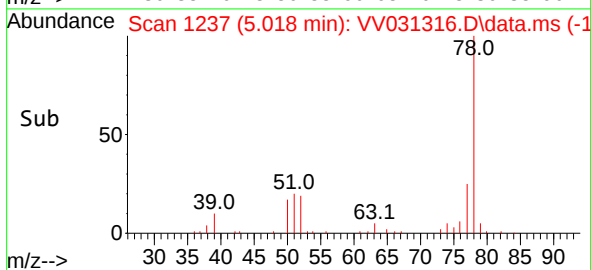
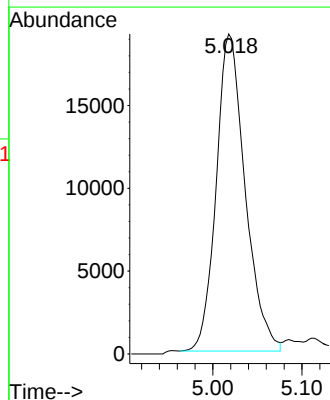
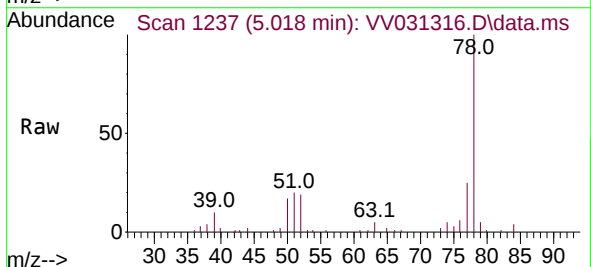
Instrument :
MSVOA_V
ClientSampleId :
VSTD001254

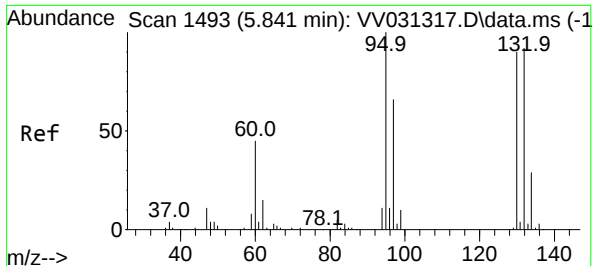
Tgt Ion:117 Resp: 20764
Ion Ratio Lower Upper
117 100
119 94.9 76.3 114.5



#33
Benzene
Concen: 0.792 ug/L
RT: 5.018 min Scan# 1237
Delta R.T. -0.000 min
Lab File: VV031316.D
Acq: 01 Jun 2023 14:24

Tgt Ion: 78 Resp: 43229



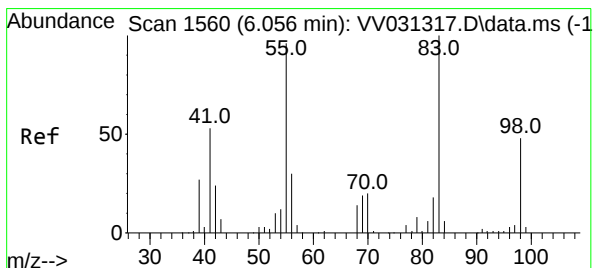
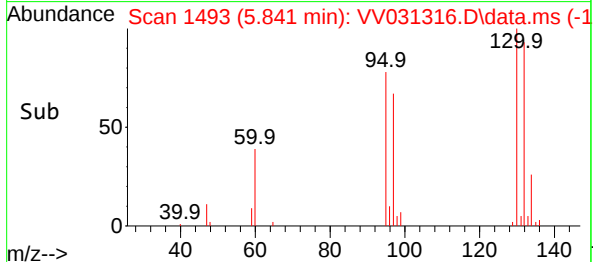
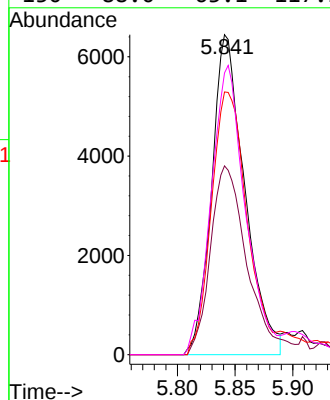
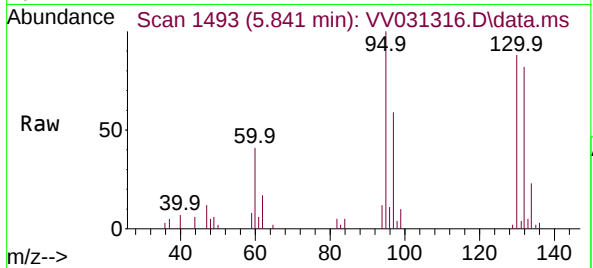


#34
Trichloroethene
Concen: 0.858 ug/L
RT: 5.841 min Scan# 1493
Delta R.T. -0.000 min
Lab File: VV031316.D
Acq: 01 Jun 2023 14:24

Instrument :
MSVOA_V
ClientSampleId :
VSTD001254

Tgt Ion: 95 Resp: 12841

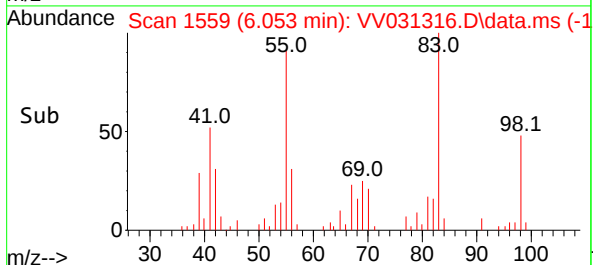
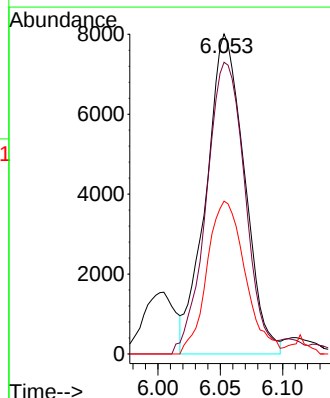
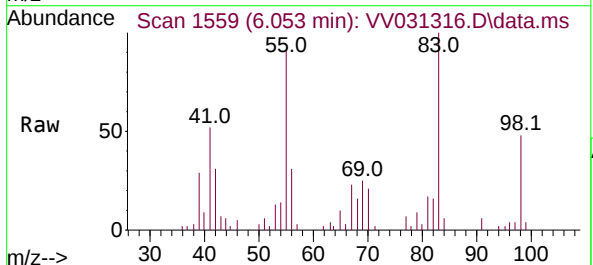
Ion	Ratio	Lower	Upper
95	100		
97	59.0	46.1	85.5
132	82.1	64.5	119.9
130	88.0	63.1	117.1

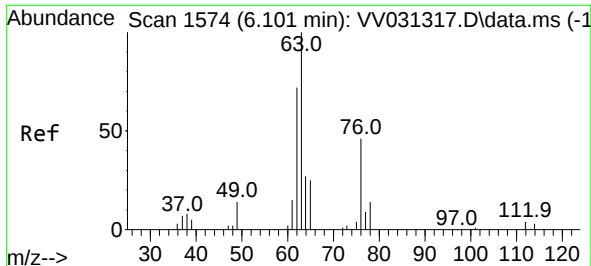


#35
Methylcyclohexane
Concen: 0.773 ug/L
RT: 6.053 min Scan# 1559
Delta R.T. -0.003 min
Lab File: VV031316.D
Acq: 01 Jun 2023 14:24

Tgt Ion: 83 Resp: 17106

Ion	Ratio	Lower	Upper
83	100		
55	92.0	74.6	112.0
98	47.7	36.5	54.7





#37

1,2-Dichloropropane

Concen: 0.935 ug/L

RT: 6.104 min Scan# 1

Delta R.T. 0.003 min

Lab File: VV031316.D

Acq: 01 Jun 2023 14:24

Instrument :

MSVOA_V

ClientSampleId :

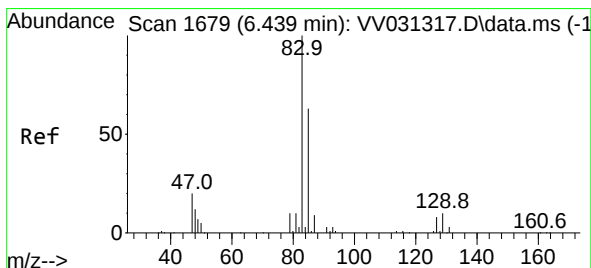
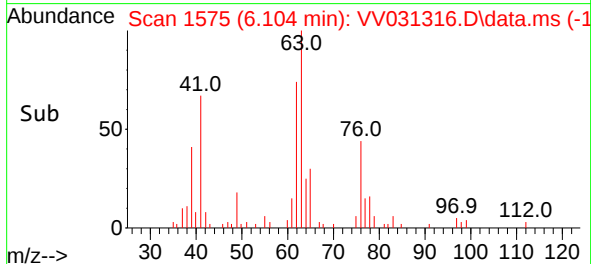
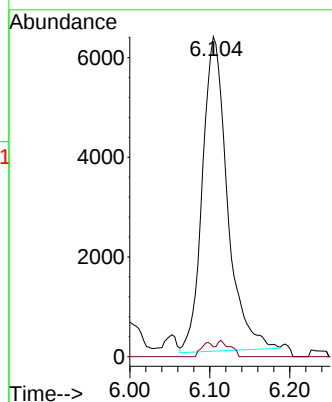
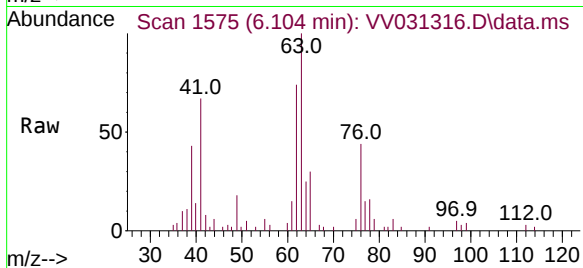
VSTD001254

Tgt Ion: 63 Resp: 13709

Ion Ratio Lower Upper

63 100

112 2.1 3.8 5.6#



#38

Bromodichloromethane

Concen: 0.925 ug/L

RT: 6.445 min Scan# 1681

Delta R.T. 0.006 min

Lab File: VV031316.D

Acq: 01 Jun 2023 14:24

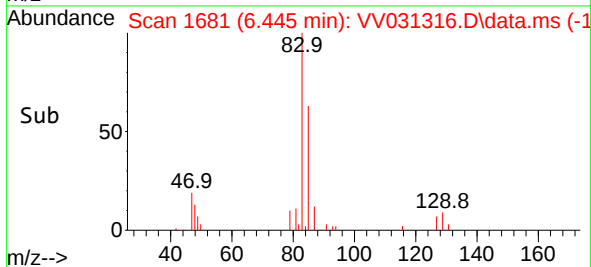
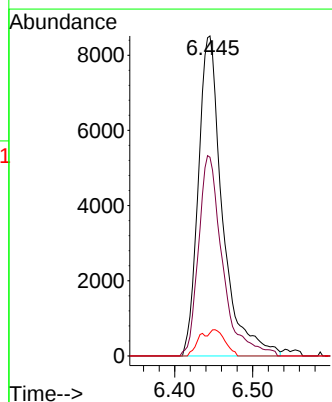
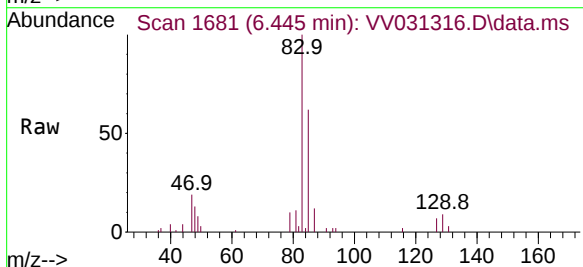
Tgt Ion: 83 Resp: 18350

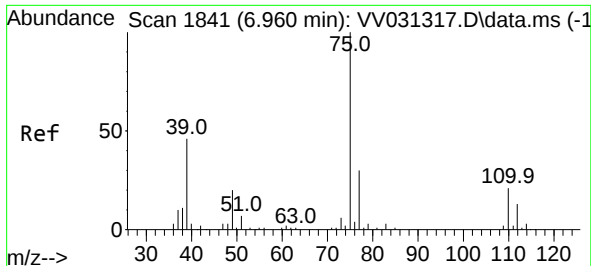
Ion Ratio Lower Upper

83 100

85 62.1 44.3 82.3

127 7.2 6.5 9.7





#39

cis-1,3-Dichloropropene

Concen: 0.811 ug/L

RT: 6.966 min Scan# 11

Delta R.T. 0.006 min

Lab File: VV031316.D

Acq: 01 Jun 2023 14:24

Instrument :

MSVOA_V

ClientSampleId :

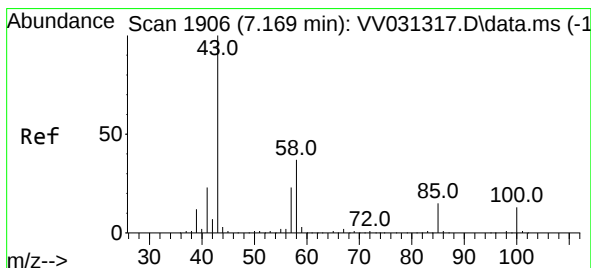
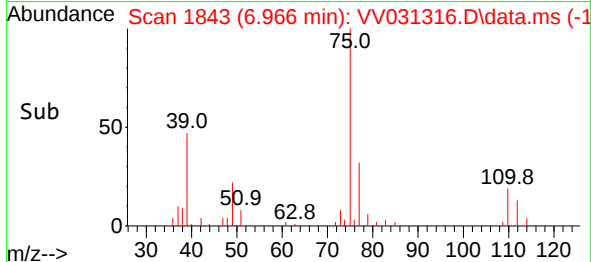
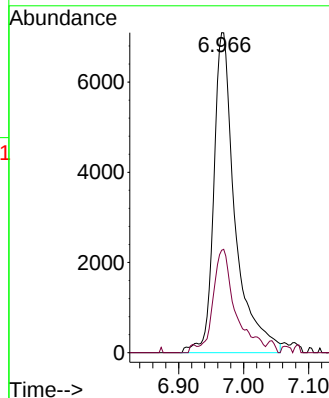
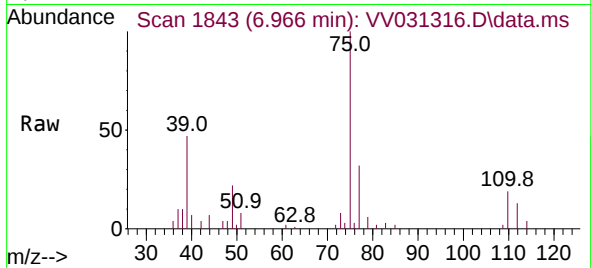
VSTD001254

Tgt Ion: 75 Resp: 16206

Ion Ratio Lower Upper

75 100

77 32.0 21.3 39.5



#40

4-Methyl-2-pentanone

Concen: 7.789 ug/L

RT: 7.175 min Scan# 1908

Delta R.T. 0.006 min

Lab File: VV031316.D

Acq: 01 Jun 2023 14:24

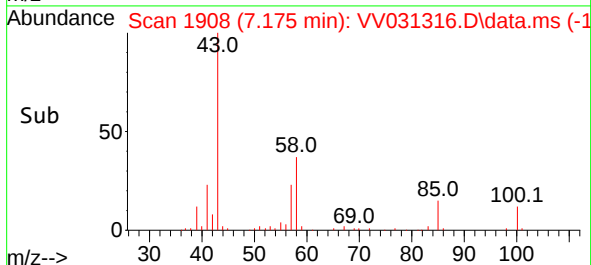
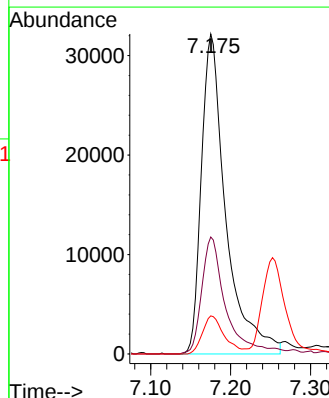
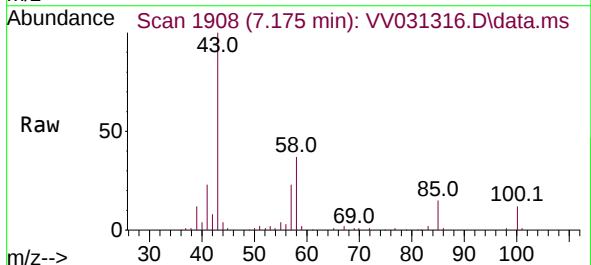
Tgt Ion: 43 Resp: 68514

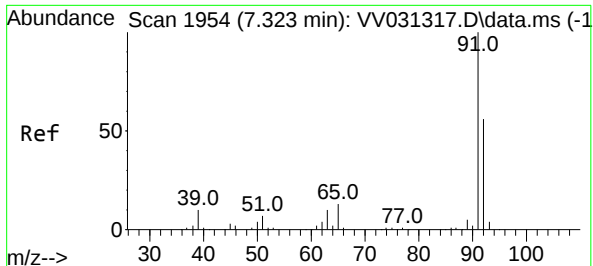
Ion Ratio Lower Upper

43 100

58 34.9 30.2 45.4

100 10.8 9.0 13.6





#42

Toluene

Concen: 0.807 ug/L

RT: 7.323 min Scan# 1954

Delta R.T. -0.000 min

Lab File: VV031316.D

Acq: 01 Jun 2023 14:24

Instrument :

MSVOA_V

ClientSampleId :

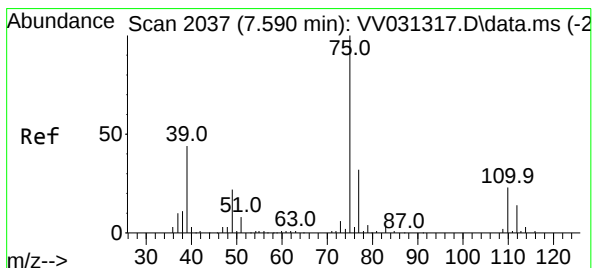
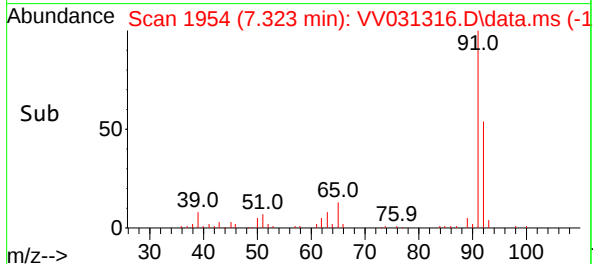
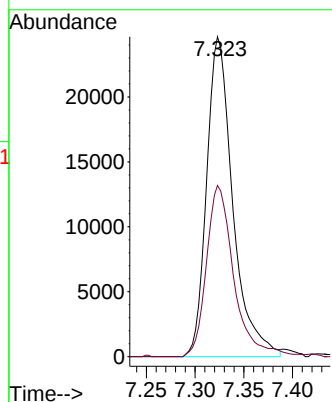
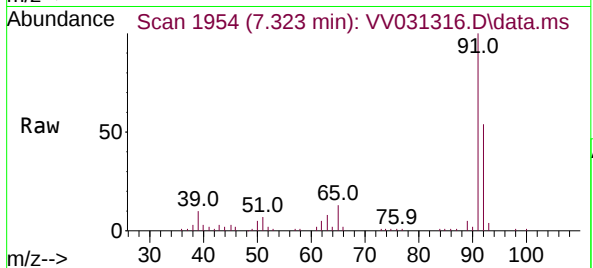
VSTD001254

Tgt Ion: 91 Resp: 45955

Ion Ratio Lower Upper

91 100

92 53.5 39.2 72.8



#44

trans-1,3-Dichloropropene

Concen: 0.869 ug/L

RT: 7.596 min Scan# 2039

Delta R.T. 0.006 min

Lab File: VV031316.D

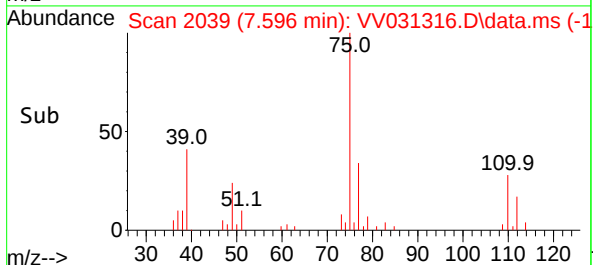
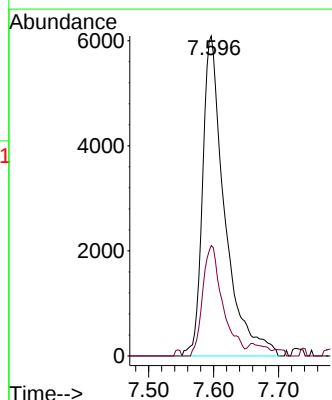
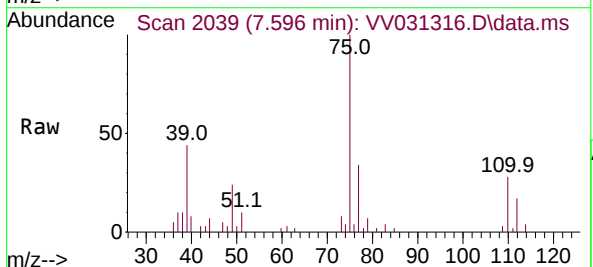
Acq: 01 Jun 2023 14:24

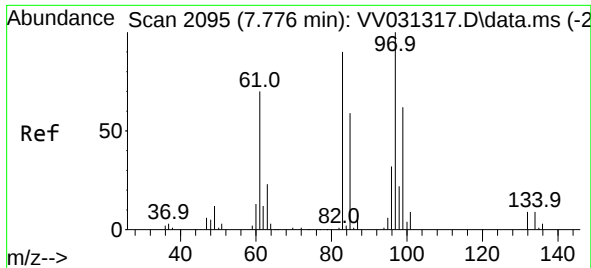
Tgt Ion: 75 Resp: 14422

Ion Ratio Lower Upper

75 100

77 34.5 22.8 42.4

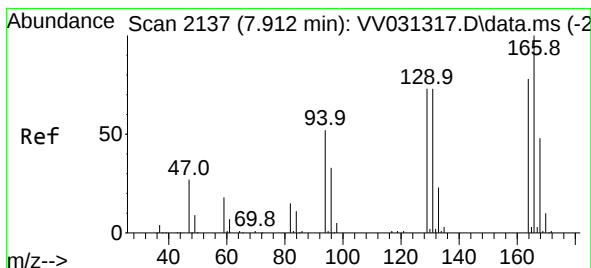
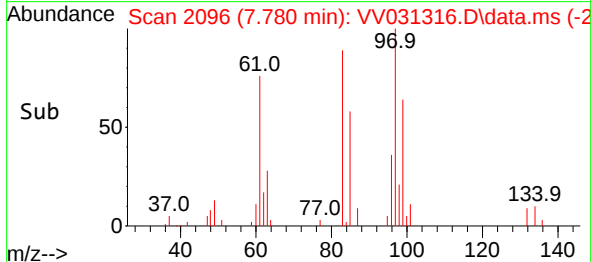
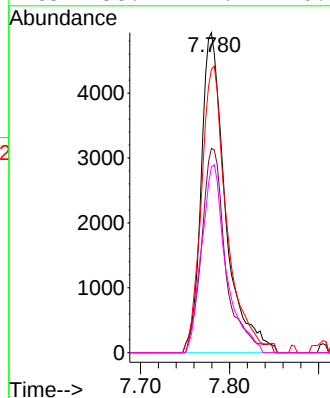
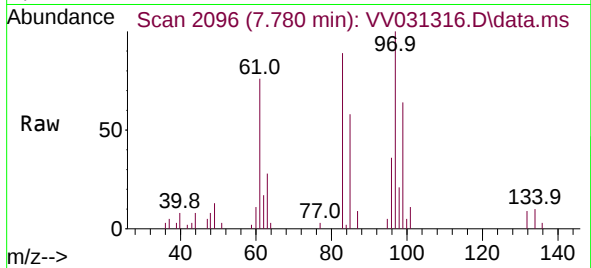




#45
1,1,2-Trichloroethane
Concen: 0.908 ug/L
RT: 7.780 min Scan# 2095
Delta R.T. 0.003 min
Lab File: VV031316.D
Acq: 01 Jun 2023 14:24

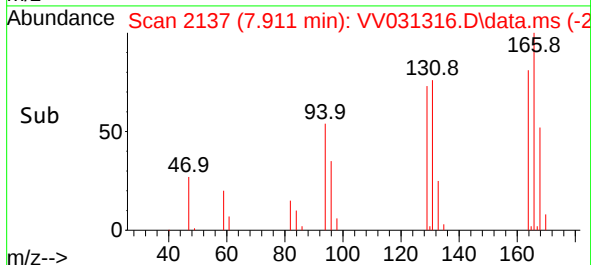
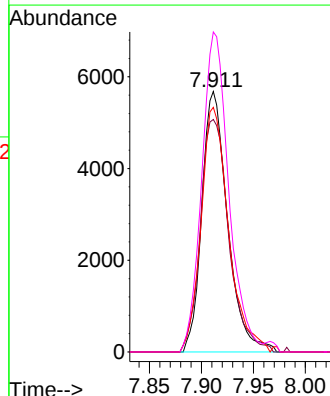
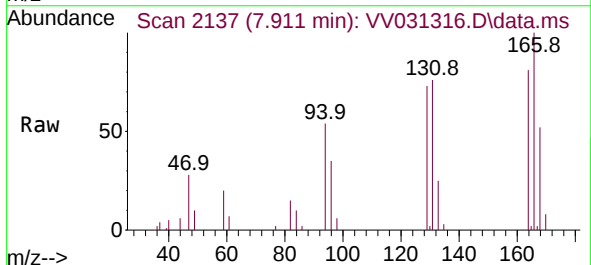
Instrument :
MSVOA_V
ClientSampleId :
VSTD001254

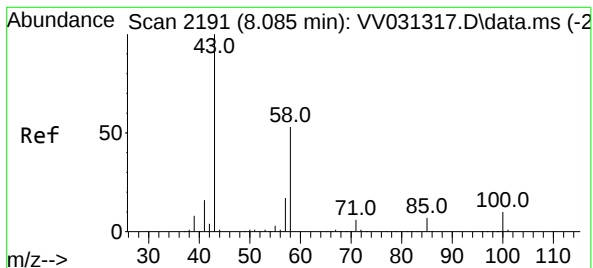
Tgt Ion: 97	Resp: 9329
Ion Ratio	Lower Upper
97 100	
99 63.8	43.1 80.1
83 88.5	63.1 117.1
85 58.1	41.1 76.3



#47
Tetrachloroethene
Concen: 0.859 ug/L
RT: 7.911 min Scan# 2137
Delta R.T. -0.000 min
Lab File: VV031316.D
Acq: 01 Jun 2023 14:24

Tgt Ion:164	Resp: 9793
Ion Ratio	Lower Upper
164 100	
129 89.2	66.0 122.6
131 93.9	65.3 121.3
166 122.8	90.1 167.3





#48

2-Hexanone

Concen: 7.957 ug/L

RT: 8.091 min Scan# 2191

Delta R.T. 0.006 min

Lab File: VV031316.D

Acq: 01 Jun 2023 14:24

Instrument :

MSVOA_V

ClientSampleId :

VSTD001254

Tgt Ion: 43 Resp: 53110

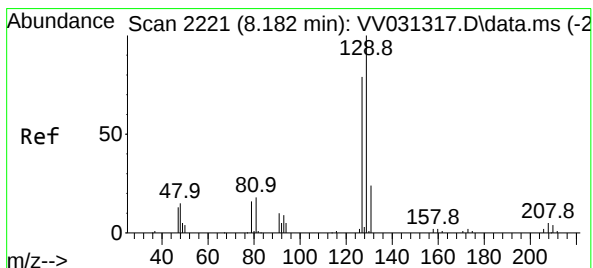
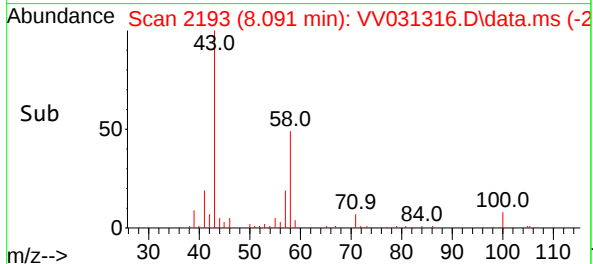
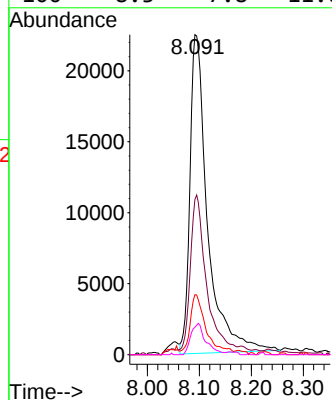
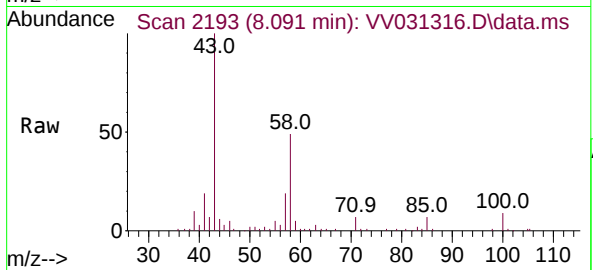
Ion Ratio Lower Upper

43 100

58 44.0 41.1 61.7

57 17.2 14.4 21.6

100 8.3 7.8 11.6



#49

Dibromochloromethane

Concen: 0.883 ug/L

RT: 8.188 min Scan# 2223

Delta R.T. 0.006 min

Lab File: VV031316.D

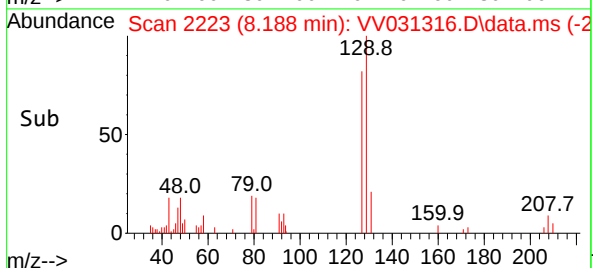
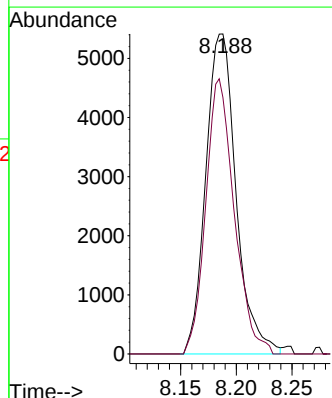
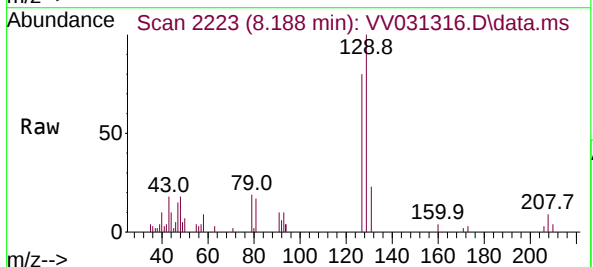
Acq: 01 Jun 2023 14:24

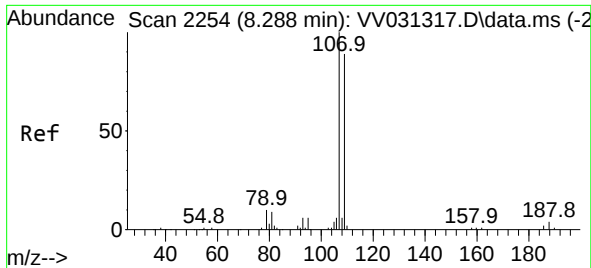
Tgt Ion: 129 Resp: 10264

Ion Ratio Lower Upper

129 100

127 80.2 55.0 102.2





#50

1,2-Dibromoethane

Concen: 0.876 ug/L

RT: 8.291 min Scan# 21

Delta R.T. 0.003 min

Lab File: VV031316.D

Acq: 01 Jun 2023 14:24

Instrument :

MSVOA_V

ClientSampleId :

VSTD001254

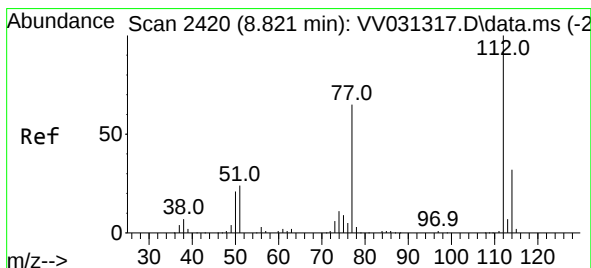
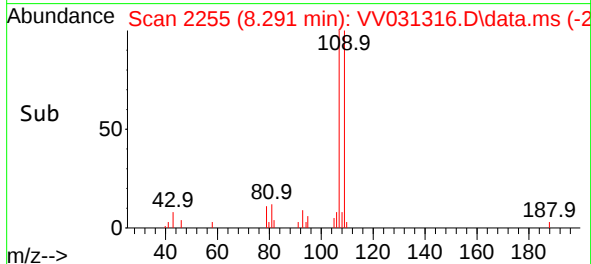
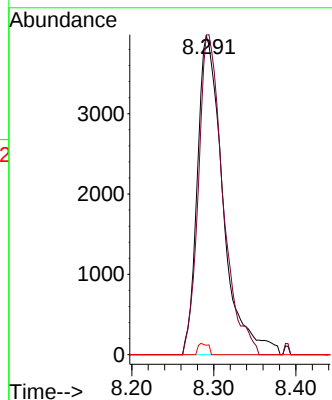
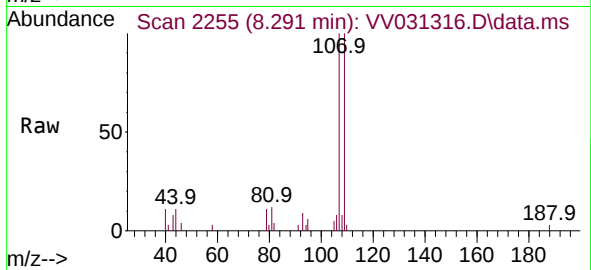
Tgt Ion:107 Resp: 8633

Ion Ratio Lower Upper

107 100

109 100.2 62.2 115.4

188 2.9 3.0 4.4#



#51

Chlorobenzene

Concen: 0.883 ug/L

RT: 8.821 min Scan# 2420

Delta R.T. -0.000 min

Lab File: VV031316.D

Acq: 01 Jun 2023 14:24

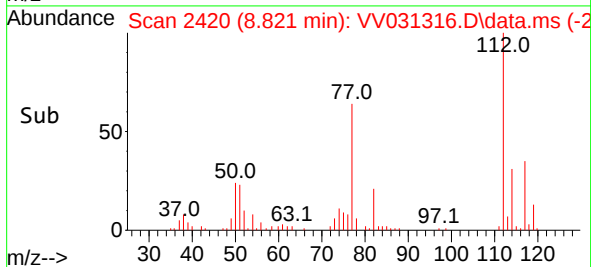
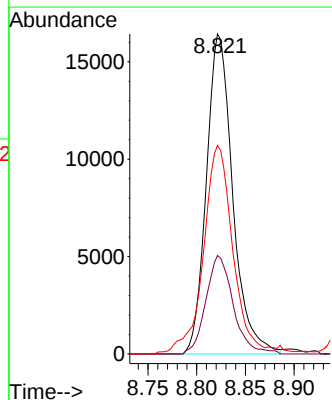
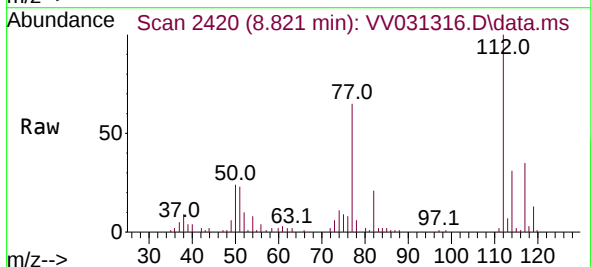
Tgt Ion:112 Resp: 30892

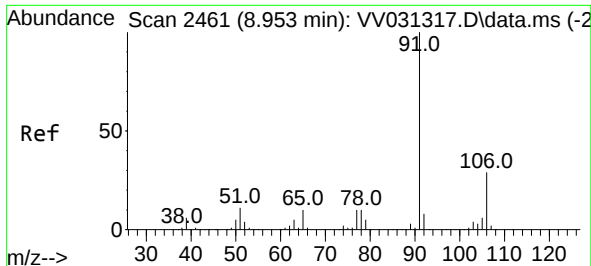
Ion Ratio Lower Upper

112 100

114 30.7 22.7 42.1

77 65.2 52.2 78.2





#52

Ethylbenzene

Concen: 0.776 ug/L

RT: 8.953 min Scan# 2461

Delta R.T. -0.000 min

Lab File: VV031316.D

Acq: 01 Jun 2023 14:24

Instrument :

MSVOA_V

ClientSampleId :

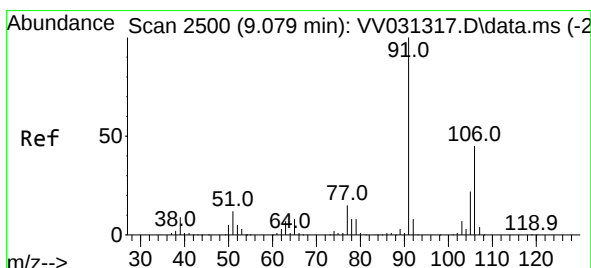
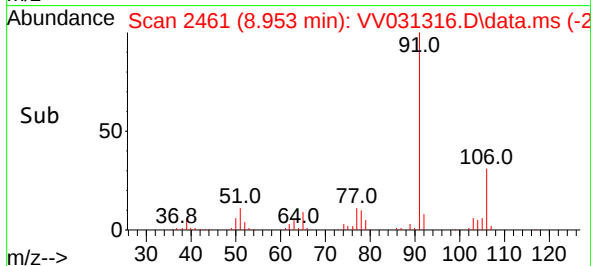
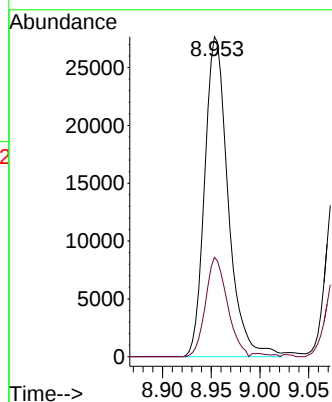
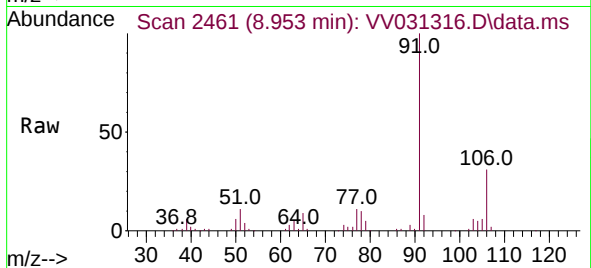
VSTD001254

Tgt Ion: 91 Resp: 46376

Ion Ratio Lower Upper

91 100

106 31.0 20.0 37.2



#53

m,p-Xylene

Concen: 0.734 ug/L

RT: 9.082 min Scan# 2501

Delta R.T. 0.003 min

Lab File: VV031316.D

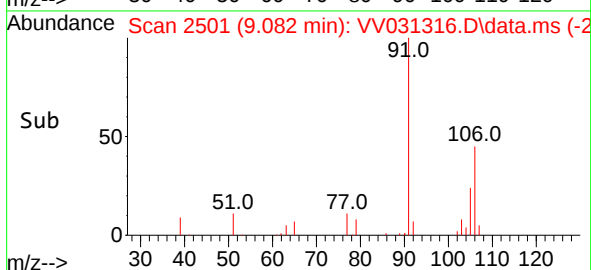
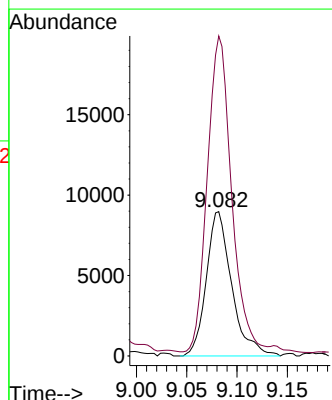
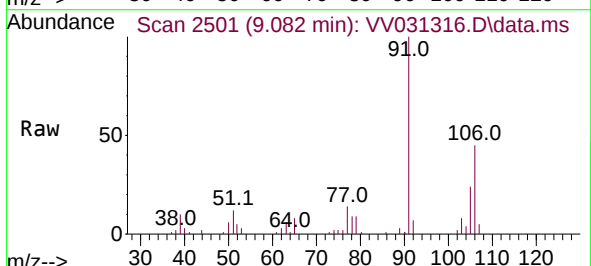
Acq: 01 Jun 2023 14:24

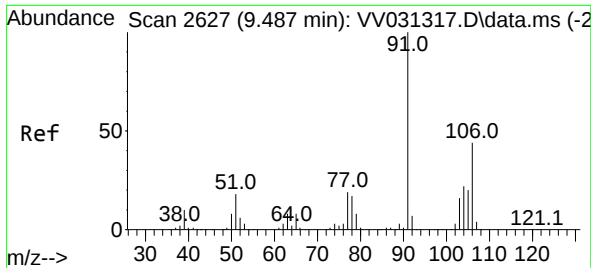
Tgt Ion: 106 Resp: 15782

Ion Ratio Lower Upper

106 100

91 221.7 154.3 286.5

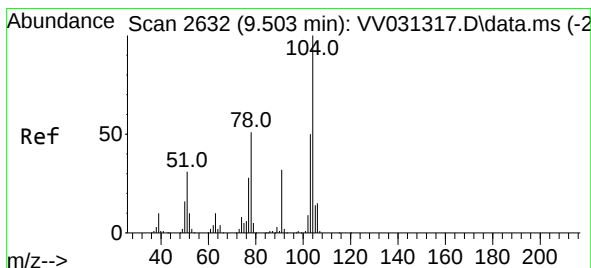
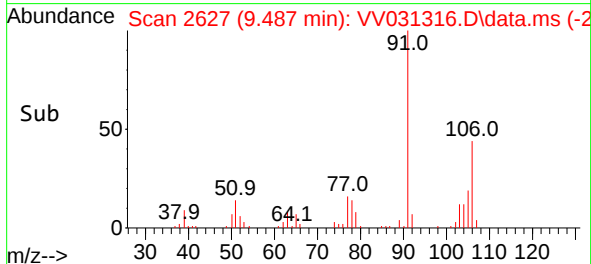
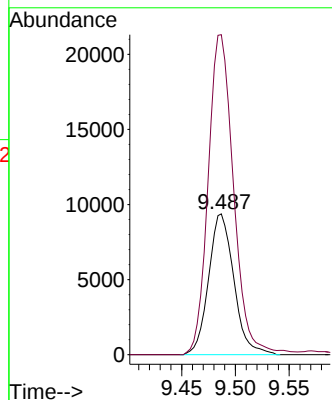
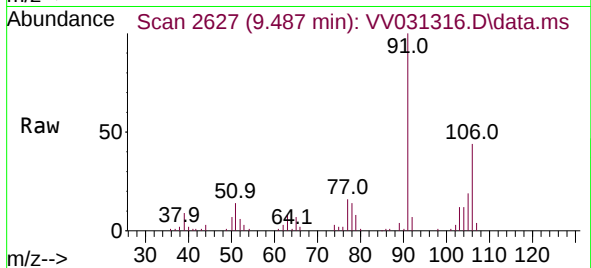




#54
o-Xylene
Concen: 0.759 ug/L
RT: 9.487 min Scan# 2627
Delta R.T. -0.000 min
Lab File: VV031316.D
Acq: 01 Jun 2023 14:24

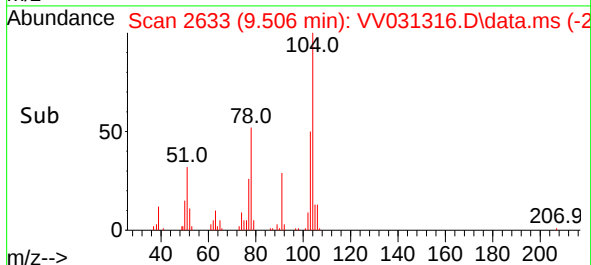
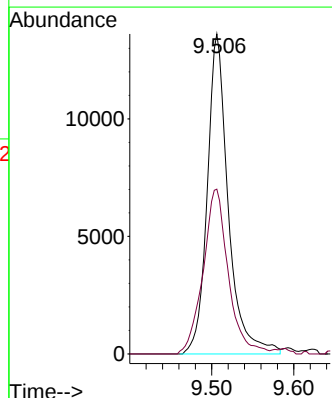
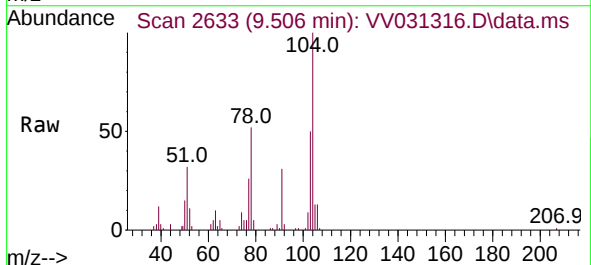
Instrument : MSVOA_V
ClientSampleId : VSTD001254

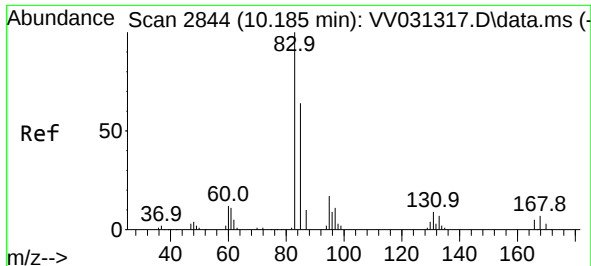
Tgt Ion:106 Resp: 15344
Ion Ratio Lower Upper
106 100
91 227.3 159.0 295.4



#55
Styrene
Concen: 0.679 ug/L
RT: 9.506 min Scan# 2633
Delta R.T. 0.003 min
Lab File: VV031316.D
Acq: 01 Jun 2023 14:24

Tgt Ion:104 Resp: 24256
Ion Ratio Lower Upper
104 100
78 51.5 35.9 66.7





#57

1,1,2,2-Tetrachloroethane

Concen: 0.928 ug/L

RT: 10.188 min Scan# 2844

Delta R.T. 0.003 min

Lab File: VV031316.D

Acq: 01 Jun 2023 14:24

Instrument :

MSVOA_V

ClientSampleId :

VSTD001254

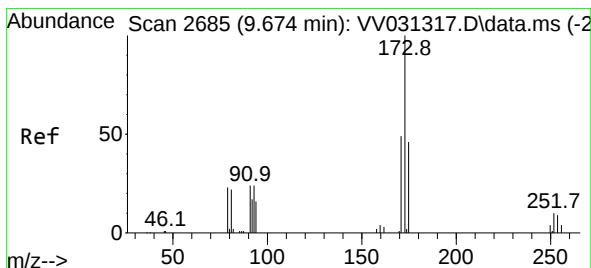
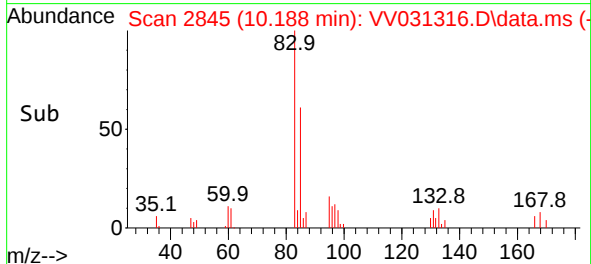
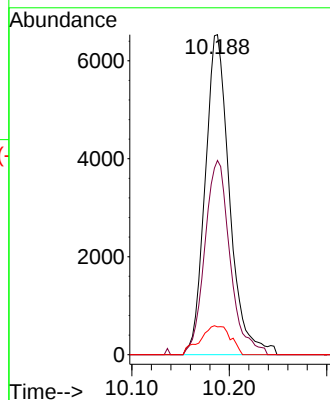
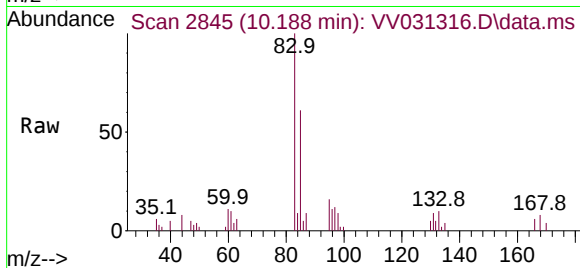
Tgt Ion: 83 Resp: 11364

Ion Ratio Lower Upper

83 100

85 60.7 45.0 83.6

131 8.7 7.3 10.9



#59

Bromoform

Concen: 0.907 ug/L

RT: 9.677 min Scan# 2686

Delta R.T. 0.003 min

Lab File: VV031316.D

Acq: 01 Jun 2023 14:24

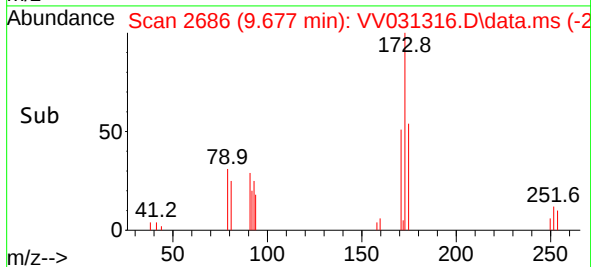
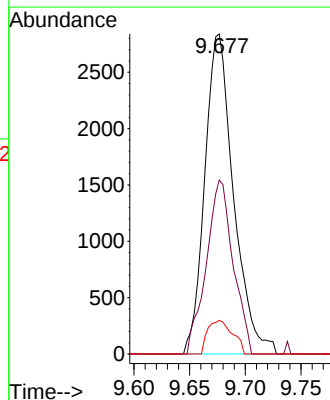
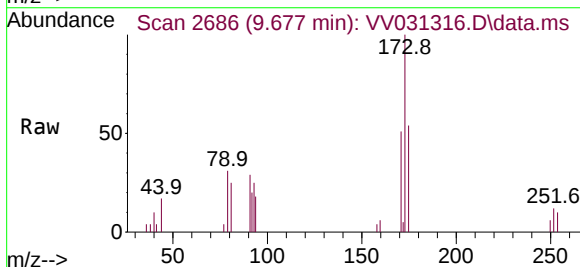
Tgt Ion: 173 Resp: 5110

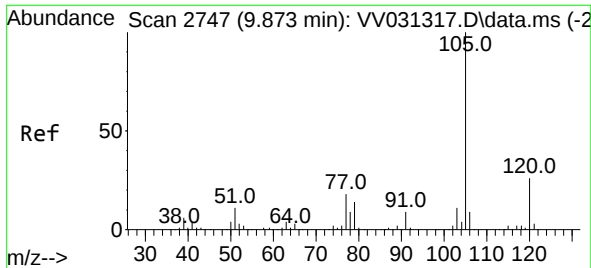
Ion Ratio Lower Upper

173 100

175 50.5 38.9 58.3

254 9.1 7.8 11.8

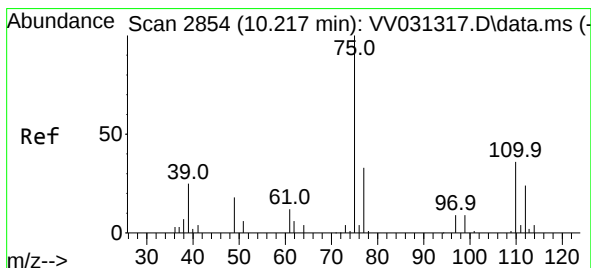
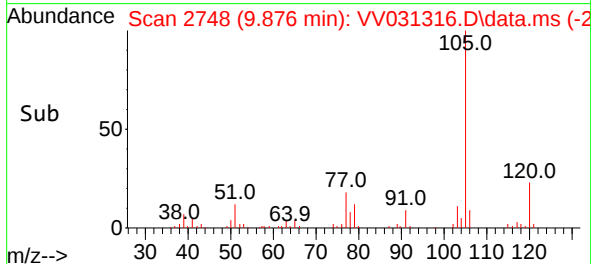
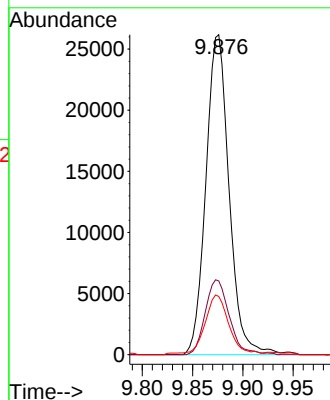
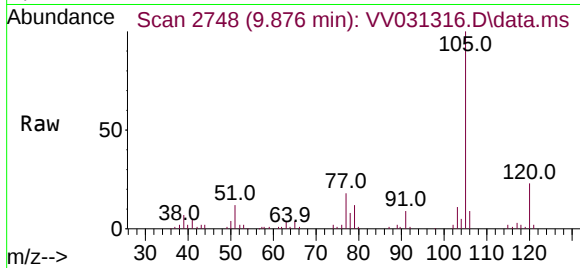




#60
Isopropylbenzene
Concen: 0.841 ug/L
RT: 9.876 min Scan# 21
Delta R.T. 0.003 min
Lab File: VV031316.D
Acq: 01 Jun 2023 14:24

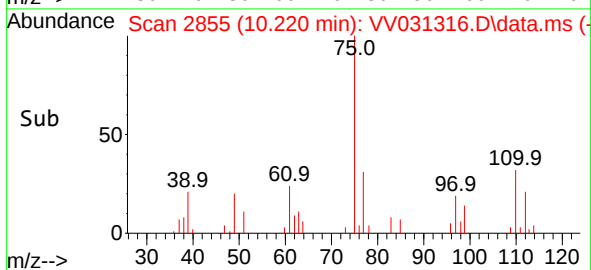
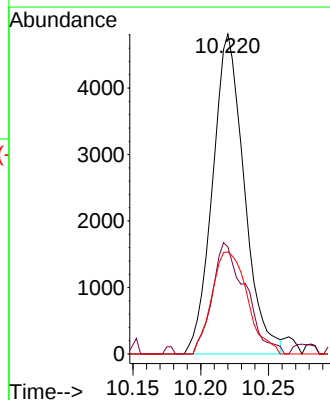
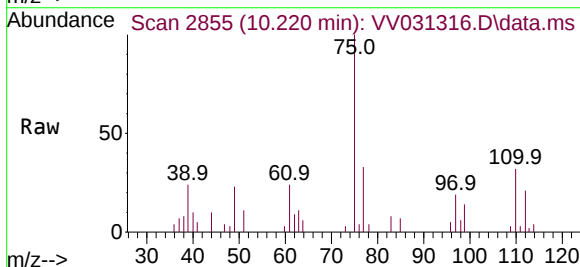
Instrument :
MSVOA_V
ClientSampleId :
VSTD001254

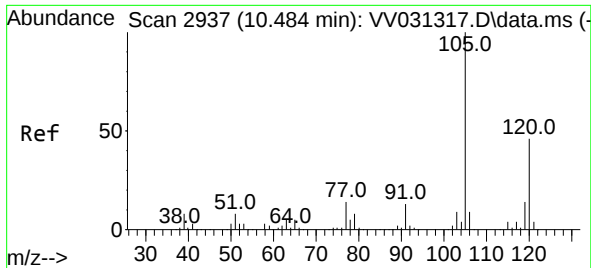
Tgt Ion:105 Resp: 42017
Ion Ratio Lower Upper
105 100
120 24.3 19.9 29.9
77 19.4 14.2 21.2



#61
1,2,3-Trichloropropane
Concen: 0.996 ug/L
RT: 10.220 min Scan# 2855
Delta R.T. 0.003 min
Lab File: VV031316.D
Acq: 01 Jun 2023 14:24

Tgt Ion: 75 Resp: 7814
Ion Ratio Lower Upper
75 100
77 36.7 27.3 40.9
110 35.9 29.4 44.0

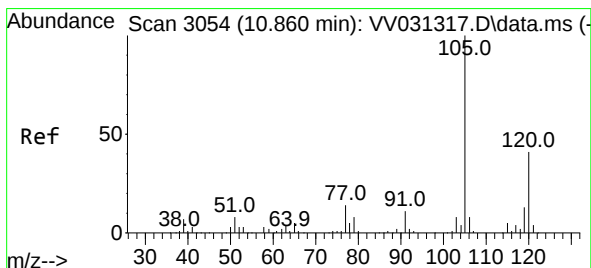
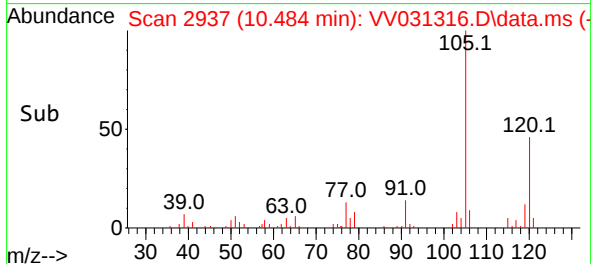
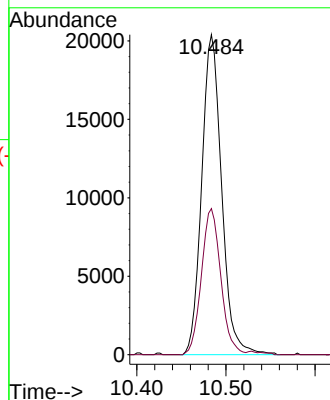
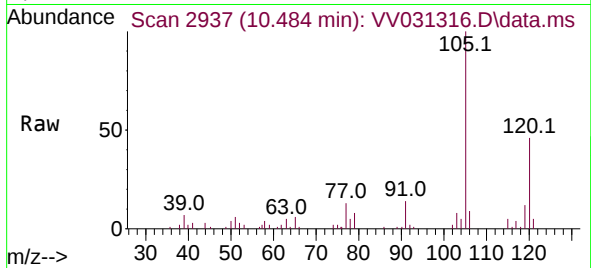




#62
1,3,5-Trimethylbenzene
Concen: 0.780 ug/L
RT: 10.484 min Scan# 2937
Delta R.T. -0.000 min
Lab File: VV031316.D
Acq: 01 Jun 2023 14:24

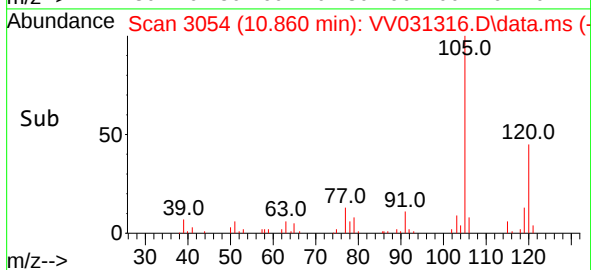
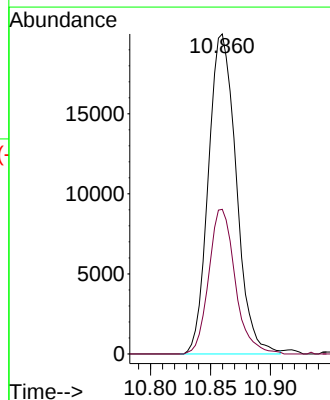
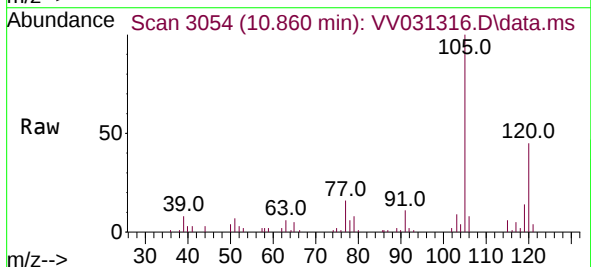
Instrument :
MSVOA_V
ClientSampleId :
VSTD001254

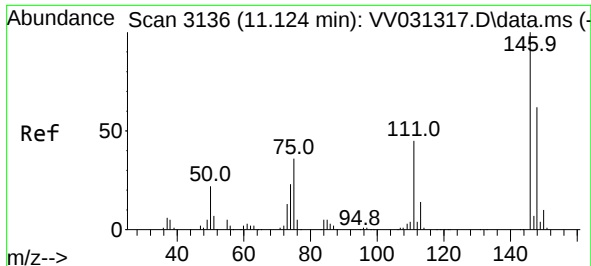
Tgt Ion:105 Resp: 31681
Ion Ratio Lower Upper
105 100
120 44.4 35.9 53.9



#63
1,2,4-Trimethylbenzene
Concen: 0.775 ug/L
RT: 10.860 min Scan# 3054
Delta R.T. -0.000 min
Lab File: VV031316.D
Acq: 01 Jun 2023 14:24

Tgt Ion:105 Resp: 32252
Ion Ratio Lower Upper
105 100
120 42.9 33.2 49.8

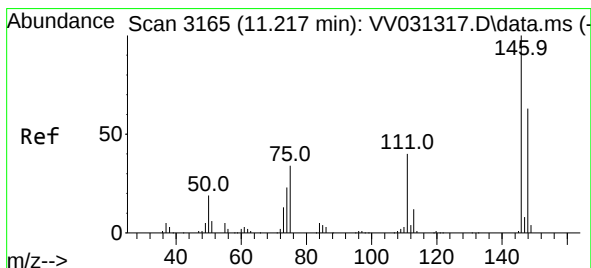
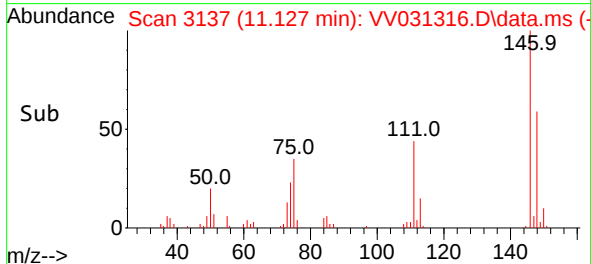
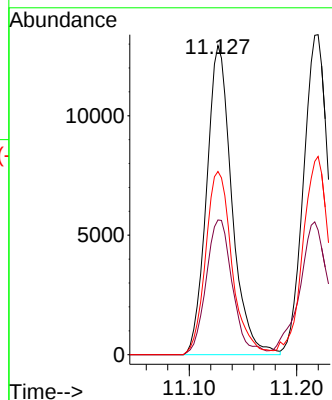
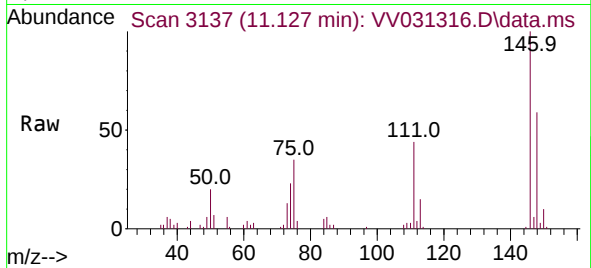




#64
1,3-Dichlorobenzene
Concen: 0.876 ug/L
RT: 11.127 min Scan# 3137
Delta R.T. 0.003 min
Lab File: VV031316.D
Acq: 01 Jun 2023 14:24

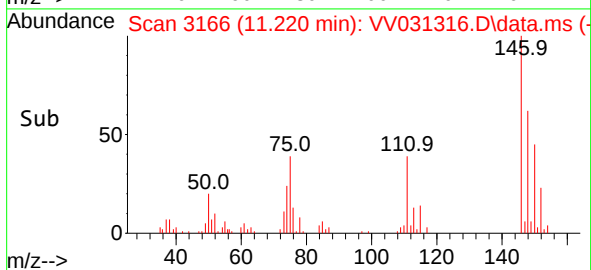
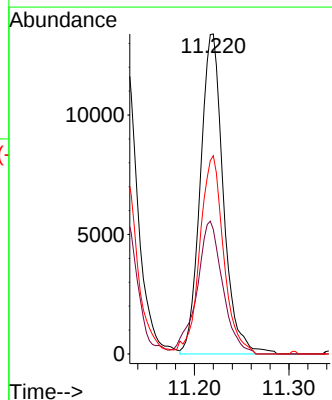
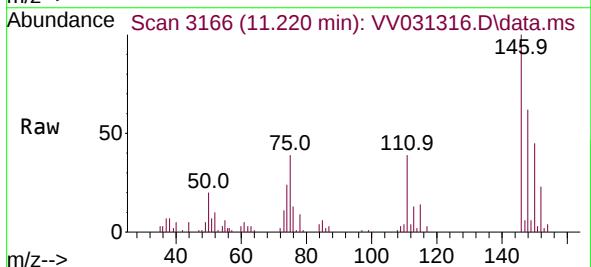
Instrument :
MSVOA_V
ClientSampleId :
VSTD001254

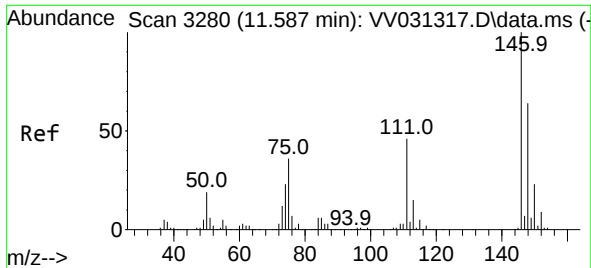
Tgt Ion:146 Resp: 21160
Ion Ratio Lower Upper
146 100
111 43.6 31.1 57.9
148 59.3 43.6 81.0



#65
1,4-Dichlorobenzene
Concen: 0.929 ug/L
RT: 11.220 min Scan# 3166
Delta R.T. 0.003 min
Lab File: VV031316.D
Acq: 01 Jun 2023 14:24

Tgt Ion:146 Resp: 22625
Ion Ratio Lower Upper
146 100
111 38.9 28.4 52.8
148 61.9 44.2 82.0

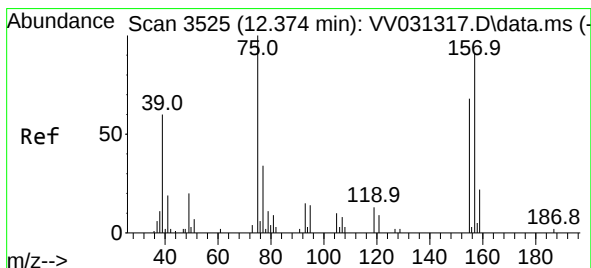
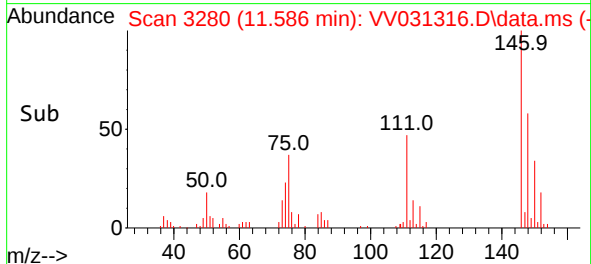
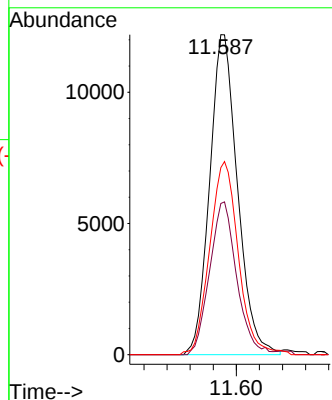
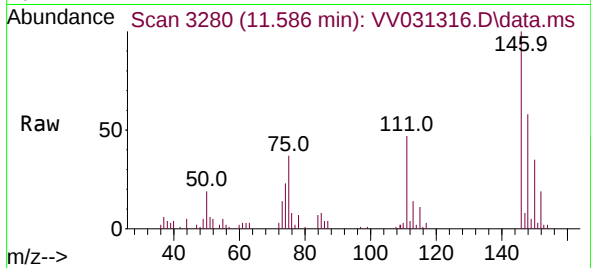




#67
1,2-Dichlorobenzene
Concen: 0.915 ug/L
RT: 11.586 min Scan# 31
Delta R.T. -0.000 min
Lab File: VV031316.D
Acq: 01 Jun 2023 14:24

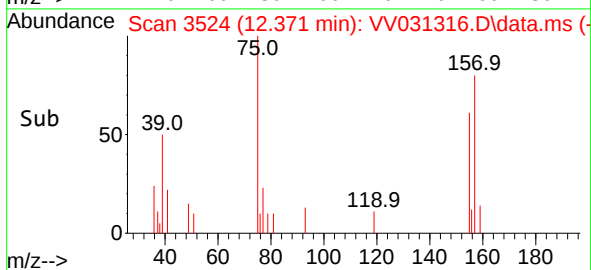
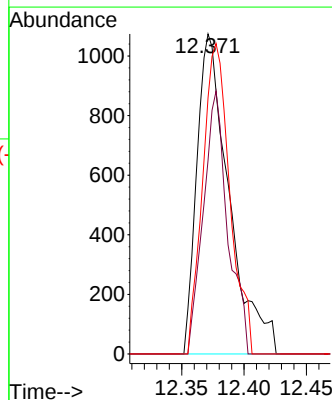
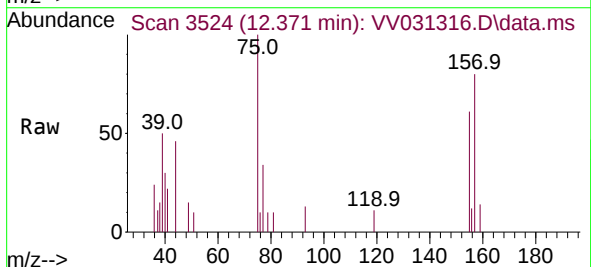
Instrument :
MSVOA_V
ClientSampleId :
VSTD001254

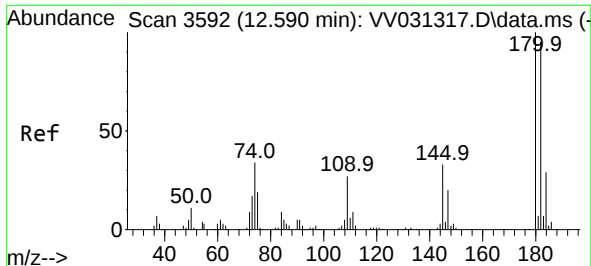
Tgt Ion:146 Resp: 20433
Ion Ratio Lower Upper
146 100
111 47.2 36.6 54.8
148 58.5 51.1 76.7



#68
1,2-Dibromo-3-chloropropane
Concen: 1.074 ug/L
RT: 12.371 min Scan# 3524
Delta R.T. -0.003 min
Lab File: VV031316.D
Acq: 01 Jun 2023 14:24

Tgt Ion: 75 Resp: 1930
Ion Ratio Lower Upper
75 100
155 60.5 54.6 82.0
157 80.1 72.7 109.1





#69

1,3,5-Trichlorobenzene

Concen: 0.847 ug/L

RT: 12.590 min Scan# 3592

Delta R.T. -0.000 min

Lab File: VV031316.D

Acq: 01 Jun 2023 14:24

Instrument :

MSVOA_V

ClientSampleId :

VSTD001254

Tgt Ion:180 Resp: 15088

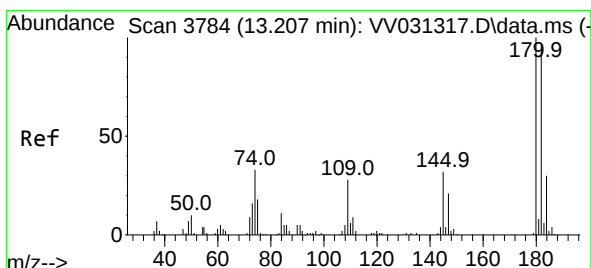
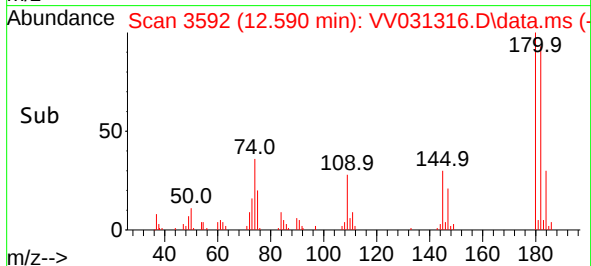
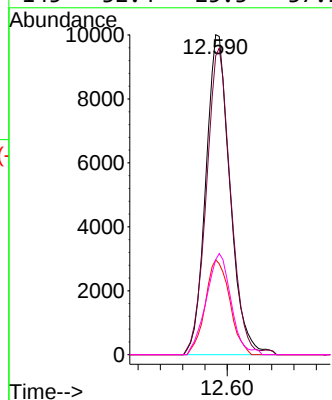
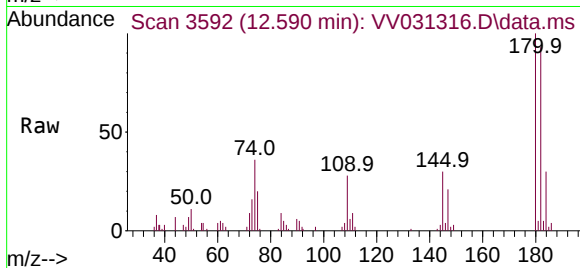
Ion Ratio Lower Upper

180 100

182 95.5 76.1 114.1

184 29.9 23.8 35.6

145 32.4 25.3 37.9



#70

1,2,4-trichlorobenzene

Concen: 0.850 ug/L

RT: 13.207 min Scan# 3784

Delta R.T. -0.000 min

Lab File: VV031316.D

Acq: 01 Jun 2023 14:24

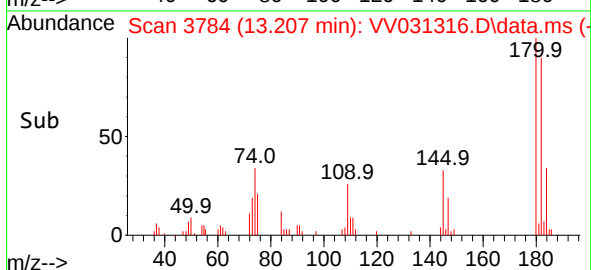
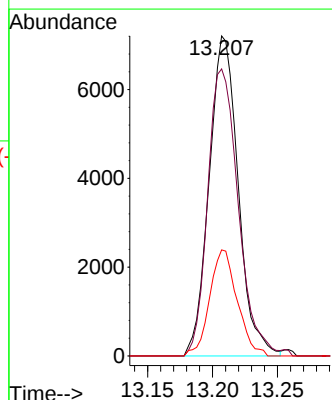
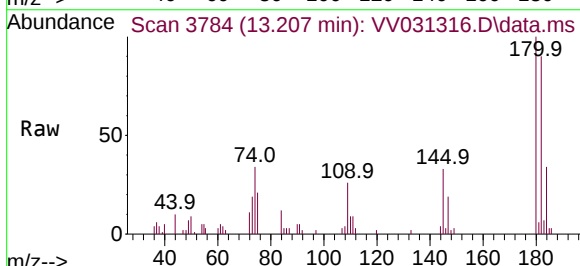
Tgt Ion:180 Resp: 11218

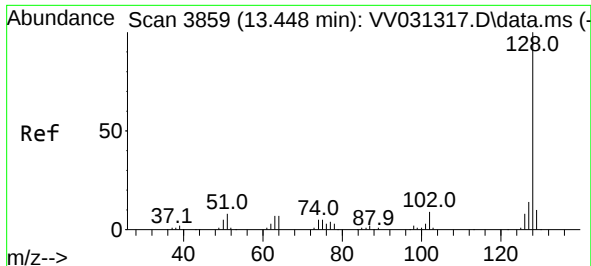
Ion Ratio Lower Upper

180 100

182 94.6 76.7 115.1

145 31.4 26.3 39.5

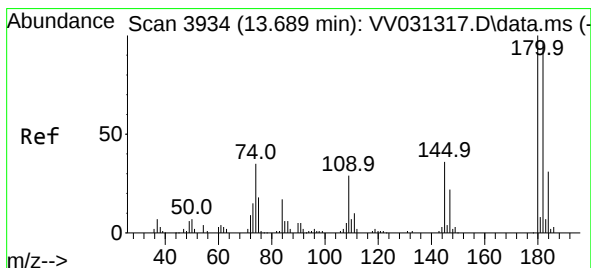
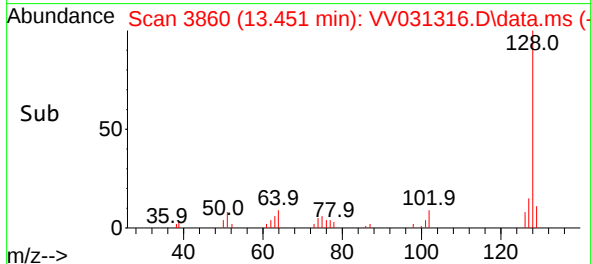
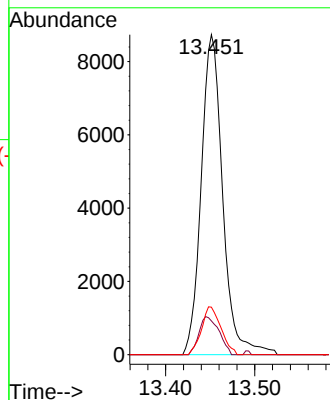
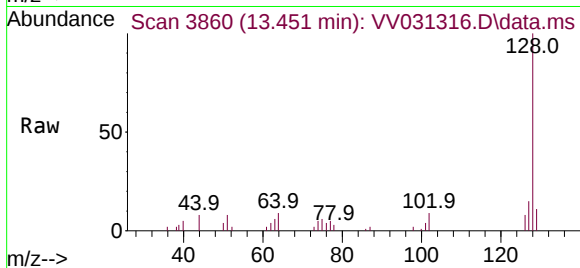




#71
Naphthalene
Concen: 0.791 ug/L
RT: 13.451 min Scan# 3860
Delta R.T. 0.003 min
Lab File: VV031316.D
Acq: 01 Jun 2023 14:24

Instrument :
MSVOA_V
ClientSampleId :
VSTD001254

Tgt Ion:128	Resp:	14650
Ion Ratio	Lower	Upper
128	100	
129	11.0	9.0 13.6
127	13.5	11.4 17.2



#72
1,2,3-Trichlorobenzene
Concen: 0.793 ug/L
RT: 13.689 min Scan# 3934
Delta R.T. -0.000 min
Lab File: VV031316.D
Acq: 01 Jun 2023 14:24

Tgt Ion:180	Resp:	9672
Ion Ratio	Lower	Upper
180	100	
182	96.0	75.4 113.0
145	33.8	27.8 41.6

