

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW100923\
 Data File : VW032317.D
 Acq On : 09 Oct 2023 09:55
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Oct 09 14:03:58 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR092923WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Oct 07 05:00:49 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.539	114	121514	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.789	117	116722	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.191	152	61396	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	49696	5.029	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	100.600%	
7) Chloroethane-d5	1.532	69	38508	4.800	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	96.000%	
11) 1,1-Dichloroethene-d2	2.060	65	19267	4.623	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	92.400%	
20) 2-Butanone-d5	3.799	46	95568	38.228	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	76.460%	
24) Chloroform-d	4.252	84	79188	4.542	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	90.800%	
26) 1,2-Dichloroethane-d4	4.947	65	36228	4.387	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	87.800%	
32) Benzene-d6	4.963	84	156840	4.567	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	91.400%	
36) 1,2-Dichloropropane-d6	5.992	67	47945	4.213	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	84.200%	
41) Toluene-d8	7.246	98	151013	4.808	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	96.200%	
43) trans-1,3-Dichloroprop...	7.558	79	19249	4.774	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	95.400%	
46) 2-Hexanone-d5	8.027	63	82559	43.515	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	87.040%	
56) 1,1,2,2-Tetrachloroeth...	10.156	84	34565	4.343	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	86.800%	
66) 1,2-Dichlorobenzene-d4	11.564	152	52307	4.591	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	91.800%	
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.105	85	77392	5.715	ug/L	99
3) Chloromethane	1.217	50	73274	5.368	ug/L	99
5) Vinyl chloride	1.282	62	70897	5.445	ug/L	100
6) Bromomethane	1.487	94	41942	5.333	ug/L	97
8) Chloroethane	1.548	64	44929	5.732	ug/L	100
9) Trichlorofluoromethane	1.712	101	86641	5.549	ug/L	97
10) 1,1,2-Trichloro-1,2,2-...	2.069	101	56073	5.927	ug/L	99
12) 1,1-Dichloroethene	2.069	96	49069	5.506	ug/L	91
13) Acetone	2.130	43	102720	53.310	ug/L	98
14) Carbon disulfide	2.243	76	151724	4.870	ug/L	99
15) Methyl Acetate	2.381	43	20904	4.819	ug/L	99
16) Methylene chloride	2.449	84	54872	4.723	ug/L	96
17) Methyl tert-butyl Ether	2.706	73	116730	4.811	ug/L	99
18) trans-1,2-Dichloroethene	2.696	96	52798	5.172	ug/L	96
19) 1,1-Dichloroethane	3.114	63	97985	5.103	ug/L	99
21) 2-Butanone	3.879	43	136397	45.267	ug/L	97
22) cis-1,2-Dichloroethene	3.815	96	56902	5.177	ug/L	99
23) Bromochloromethane	4.153	128	23892	5.167	ug/L	98
25) Chloroform	4.275	83	98157	5.210	ug/L	100

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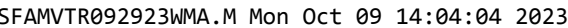
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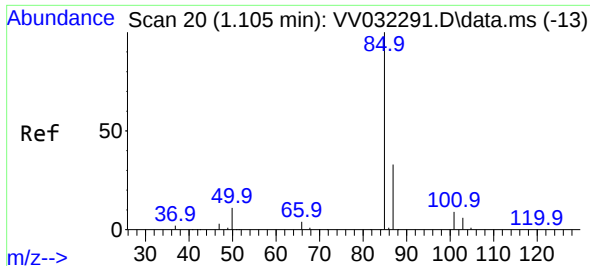
Quant Time: Oct 09 14:03:58 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR092923WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Oct 07 05:00:49 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.043	62	56375	5.065	ug/L	99
29) 1,1,1-Trichloroethane	4.513	97	83500	5.262	ug/L	99
30) Cyclohexane	4.584	56	85034	4.876	ug/L	95
31) Carbon tetrachloride	4.735	117	72803	5.422	ug/L	97
33) Benzene	5.011	78	208713	5.079	ug/L	100
34) Trichloroethene	5.834	95	59668	5.319	ug/L	96
35) Methylcyclohexane	6.053	83	91528	5.272	ug/L	99
37) 1,2-Dichloropropane	6.095	63	56642	5.154	ug/L	100
38) Bromodichloromethane	6.436	83	71048	5.441	ug/L	97
39) cis-1,3-Dichloropropene	6.957	75	79643	5.092	ug/L	98
40) 4-Methyl-2-pentanone	7.159	43	342415	49.233	ug/L	99
42) Toluene	7.317	91	236739	5.404	ug/L	99
44) trans-1,3-Dichloropropene	7.584	75	63565	4.945	ug/L	99
45) 1,1,2-Trichloroethane	7.770	97	39826	5.137	ug/L	99
47) Tetrachloroethene	7.908	164	45422	5.339	ug/L	99
48) 2-Hexanone	8.079	43	251955	51.346	ug/L	99
49) Dibromochloromethane	8.178	129	43636	5.406	ug/L	95
50) 1,2-Dibromoethane	8.288	107	37279	5.084	ug/L	96
51) Chlorobenzene	8.818	112	149604	5.304	ug/L	99
52) Ethylbenzene	8.950	91	253089	5.188	ug/L	98
53) m,p-Xylene	9.075	106	95226	5.263	ug/L	99
54) o-Xylene	9.481	106	92727	5.319	ug/L	99
55) Styrene	9.500	104	160189	5.441	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.181	83	44216	5.183	ug/L	98
59) Bromoform	9.667	173	23536	5.272	ug/L	99
60) Isopropylbenzene	9.870	105	252850	5.299	ug/L	100
61) 1,2,3-Trichloropropane	10.214	75	32642	4.995	ug/L	100
62) 1,3,5-Trimethylbenzene	10.481	105	199819	5.138	ug/L	99
63) 1,2,4-Trimethylbenzene	10.853	105	202962	5.242	ug/L	99
64) 1,3-Dichlorobenzene	11.120	146	118552	5.201	ug/L	99
65) 1,4-Dichlorobenzene	11.210	146	119672	5.233	ug/L	100
67) 1,2-Dichlorobenzene	11.583	146	109163	5.251	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.368	75	6549	4.905	ug/L	94
69) 1,3,5-Trichlorobenzene	12.587	180	86813	5.201	ug/L	100
70) 1,2,4-trichlorobenzene	13.201	180	72478	4.895	ug/L	99
71) Naphthalene	13.445	128	116823	4.644	ug/L	99
72) 1,2,3-Trichlorobenzene	13.686	180	65257	5.115	ug/L	99

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

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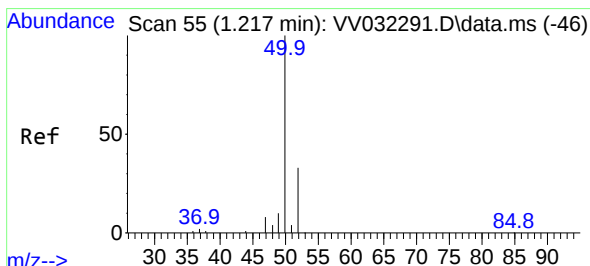
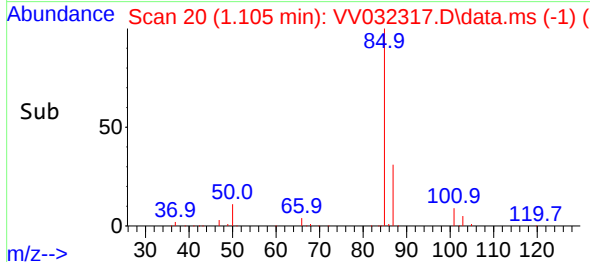
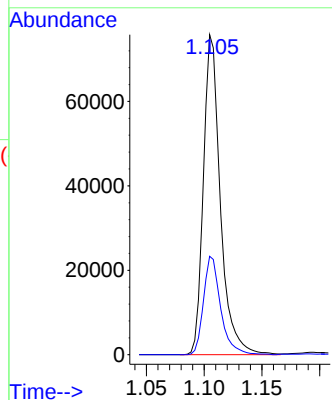
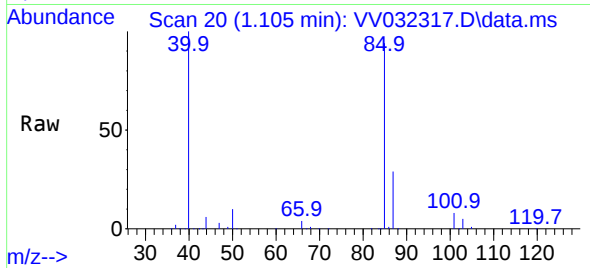




#2
 Dichlorodifluoromethane
 Concen: 5.715 ug/L
 RT: 1.105 min Scan# 20
 Delta R.T. 0.000 min
 Lab File: VV032317.D
 Acq: 09 Oct 2023 09:55

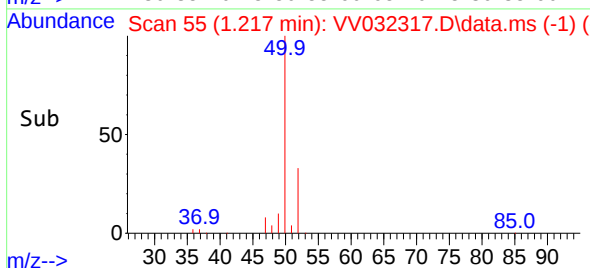
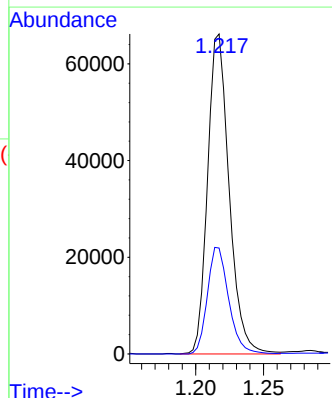
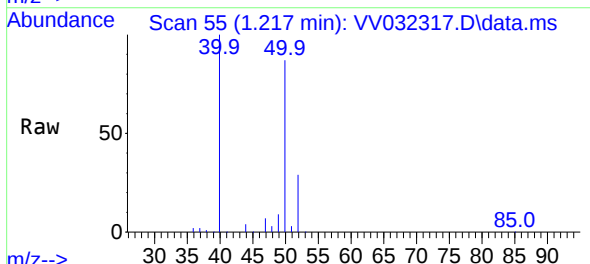
Instrument :
 MSVOA_V
 ClientSampleId :

Tgt Ion: 85 Resp: 77392
 Ion Ratio Lower Upper
 85 100
 87 31.1 25.5 38.3

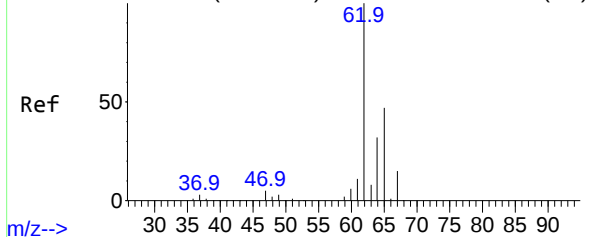


#3
 Chloromethane
 Concen: 5.368 ug/L
 RT: 1.217 min Scan# 55
 Delta R.T. 0.000 min
 Lab File: VV032317.D
 Acq: 09 Oct 2023 09:55

Tgt Ion: 50 Resp: 73274
 Ion Ratio Lower Upper
 50 100
 52 33.1 23.0 42.6



Abundance Scan 75 (1.282 min): VV032291.D\data.ms (-67)



#5

Vinyl chloride

Concen: 5.445 ug/L

RT: 1.282 min Scan# 75

Delta R.T. -0.000 min

Lab File: VV032317.D

Acq: 09 Oct 2023 09:55

Instrument :

MSVOA_V

ClientSampleId :

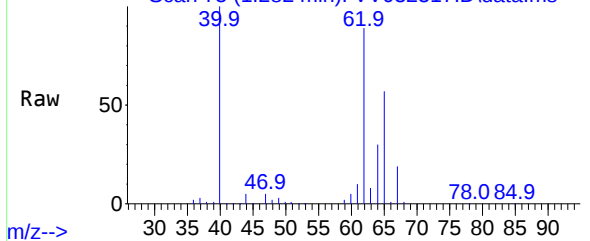
Tgt Ion: 62 Resp: 70897

Ion Ratio Lower Upper

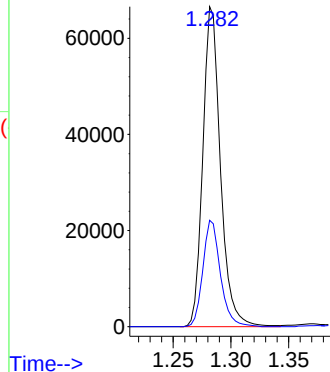
62 100

64 33.3 23.1 42.9

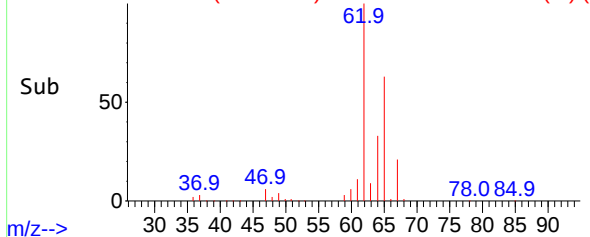
Abundance Scan 75 (1.282 min): VV032317.D\data.ms



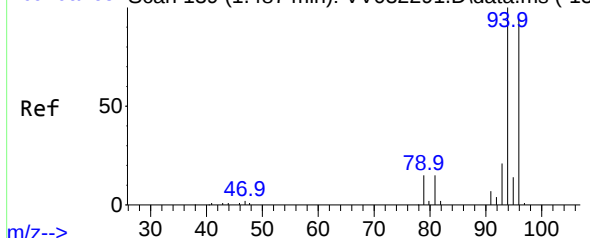
Abundance



Abundance Scan 75 (1.282 min): VV032317.D\data.ms (-1)



Abundance Scan 139 (1.487 min): VV032291.D\data.ms (-13)



#6

Bromomethane

Concen: 5.333 ug/L

RT: 1.487 min Scan# 139

Delta R.T. 0.000 min

Lab File: VV032317.D

Acq: 09 Oct 2023 09:55

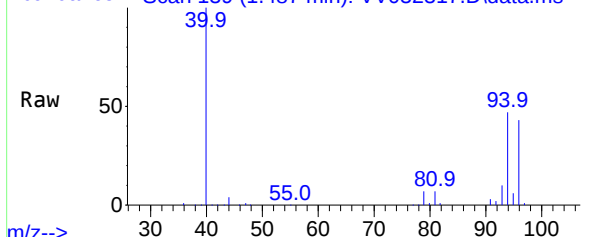
Tgt Ion: 94 Resp: 41942

Ion Ratio Lower Upper

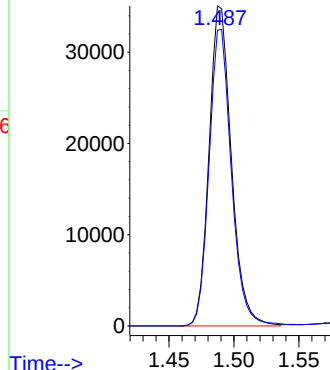
94 100

96 92.4 66.8 124.2

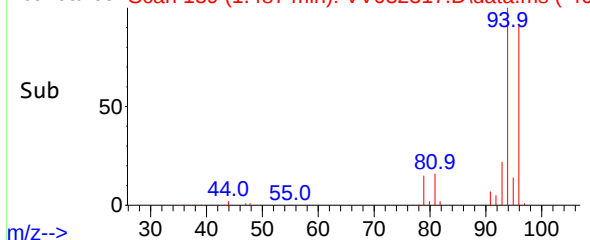
Abundance Scan 139 (1.487 min): VV032317.D\data.ms

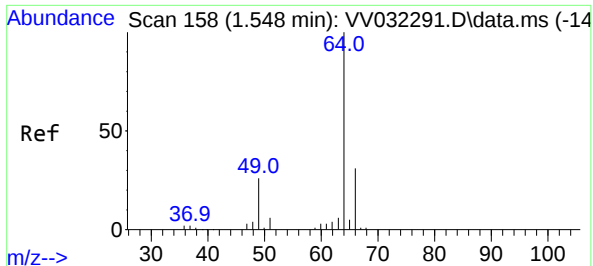


Abundance



Abundance Scan 139 (1.487 min): VV032317.D\data.ms (-46)

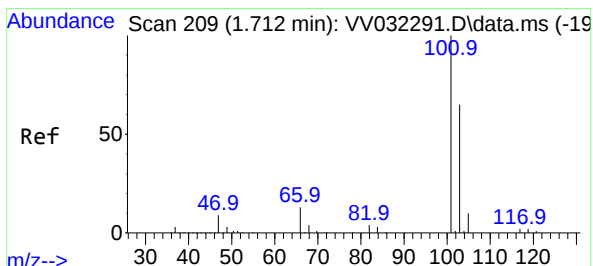
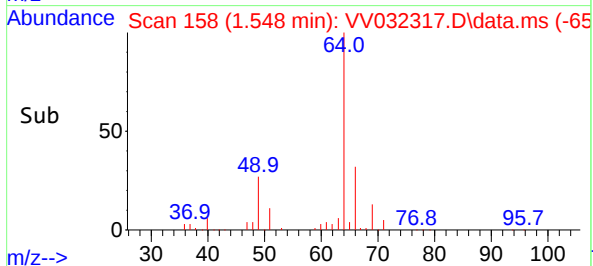
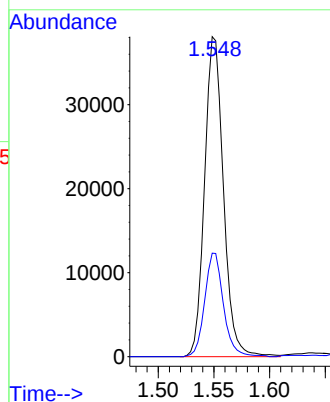
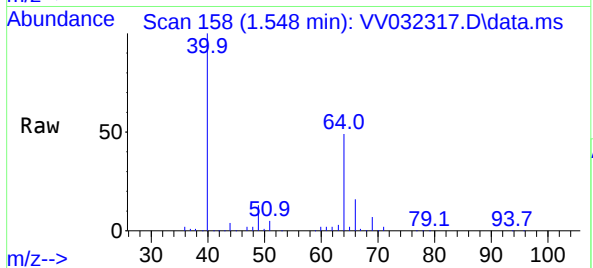




#8
Chloroethane
Concen: 5.732 ug/L
RT: 1.548 min Scan# 11
Delta R.T. 0.000 min
Lab File: VV032317.D
Acq: 09 Oct 2023 09:55

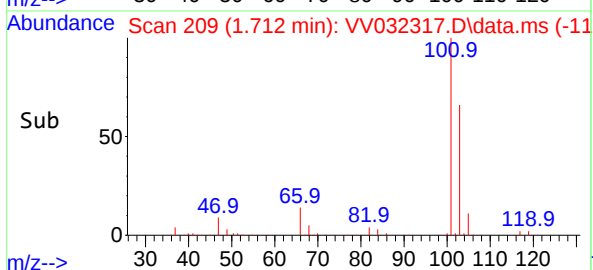
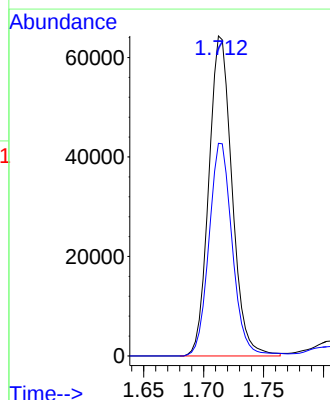
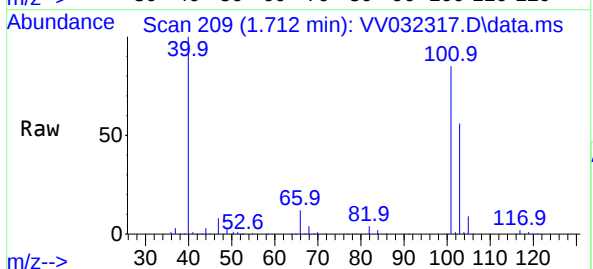
Instrument :
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ClientSampleId :

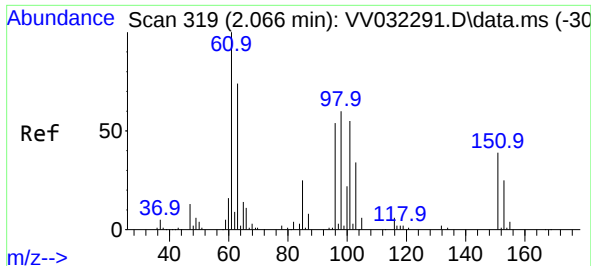
Tgt Ion: 64 Resp: 44929
Ion Ratio Lower Upper
64 100
66 32.3 22.6 42.0



#9
Trichlorofluoromethane
Concen: 5.549 ug/L
RT: 1.712 min Scan# 209
Delta R.T. -0.000 min
Lab File: VV032317.D
Acq: 09 Oct 2023 09:55

Tgt Ion:101 Resp: 86641
Ion Ratio Lower Upper
101 100
103 66.7 51.4 77.2

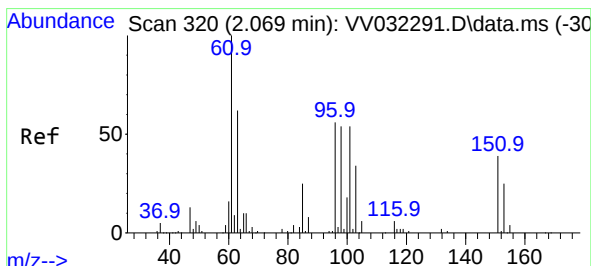
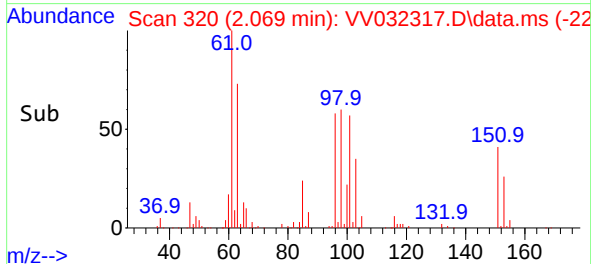
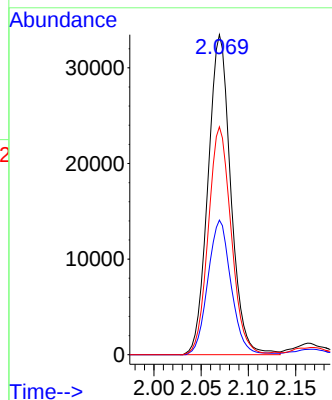
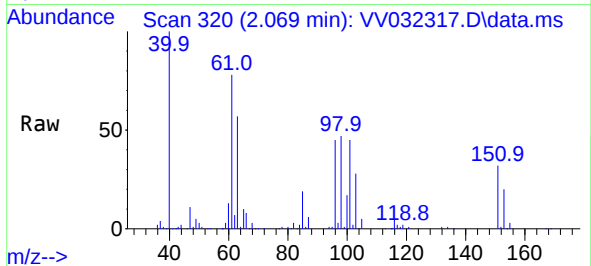




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 5.927 ug/L
RT: 2.069 min Scan# 319
Delta R.T. 0.003 min
Lab File: VV032317.D
Acq: 09 Oct 2023 09:55

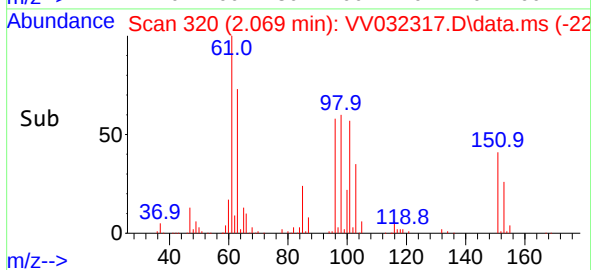
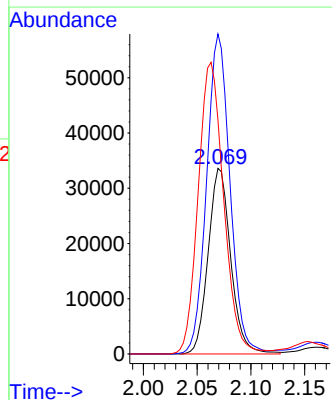
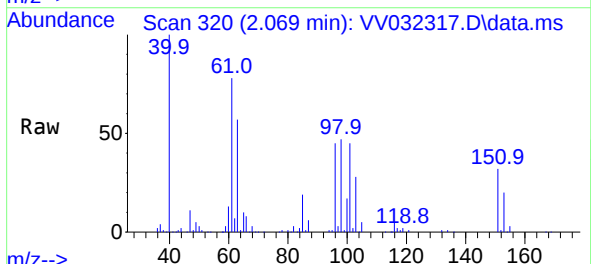
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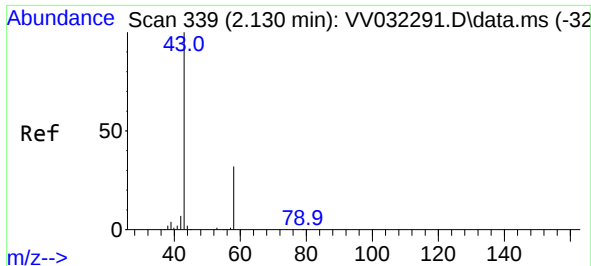
Tgt Ion:101 Resp: 56073
Ion Ratio Lower Upper
101 100
85 42.9 35.0 52.6
151 71.6 56.6 84.8



#12
1,1-Dichloroethene
Concen: 5.506 ug/L
RT: 2.069 min Scan# 320
Delta R.T. -0.000 min
Lab File: VV032317.D
Acq: 09 Oct 2023 09:55

Tgt Ion: 96 Resp: 49069
Ion Ratio Lower Upper
96 100
61 172.5 127.3 236.3
63 126.0 98.3 182.7





#13

Acetone

Concen: 53.310 ug/L

RT: 2.130 min Scan# 31

Delta R.T. 0.000 min

Lab File: VV032317.D

Acq: 09 Oct 2023 09:55

Instrument :

MSVOA_V

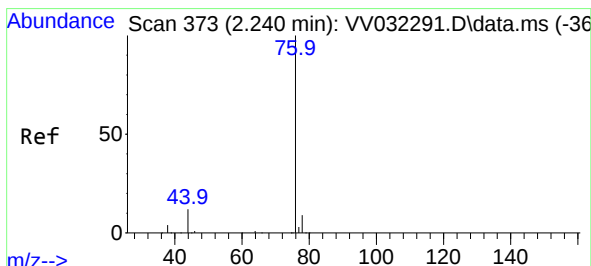
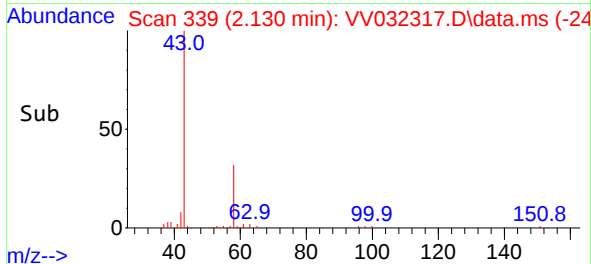
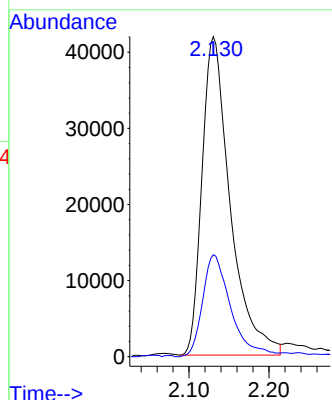
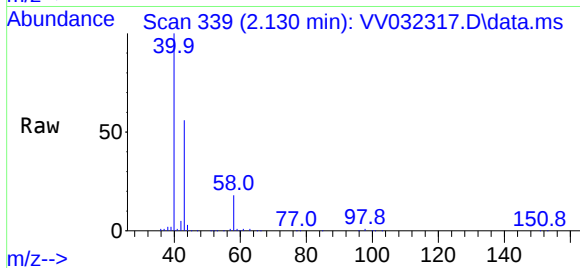
ClientSampleId :

Tgt Ion: 43 Resp: 102720

Ion Ratio Lower Upper

43 100

58 32.1 0.0 66.0



#14

Carbon disulfide

Concen: 4.870 ug/L

RT: 2.243 min Scan# 374

Delta R.T. 0.003 min

Lab File: VV032317.D

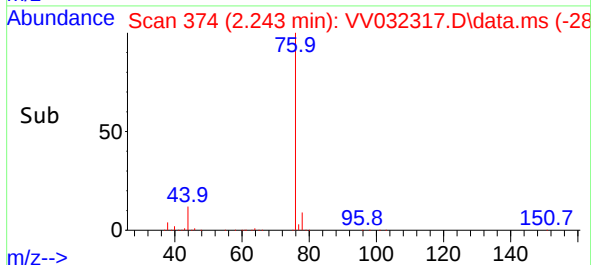
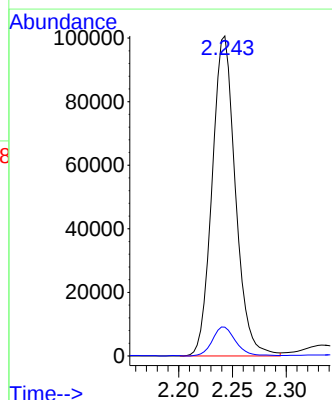
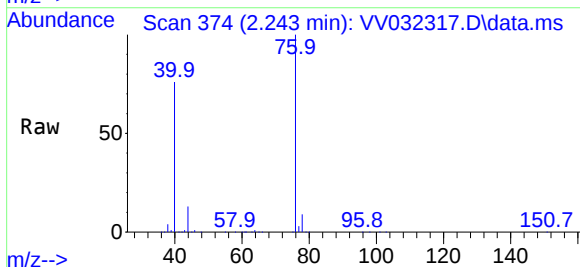
Acq: 09 Oct 2023 09:55

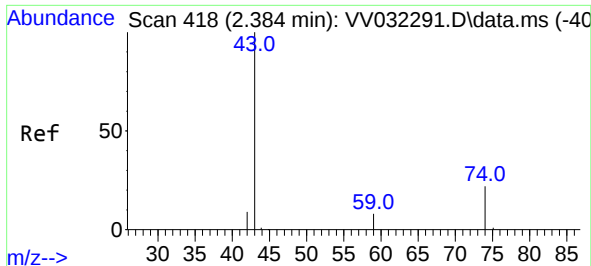
Tgt Ion: 76 Resp: 151724

Ion Ratio Lower Upper

76 100

78 9.0 7.4 11.2

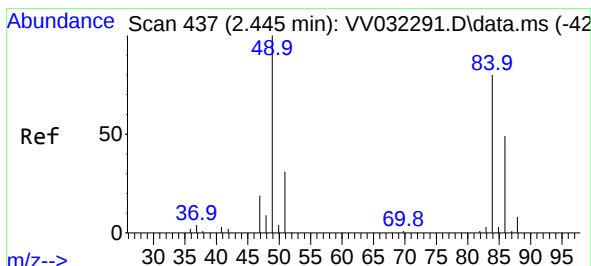
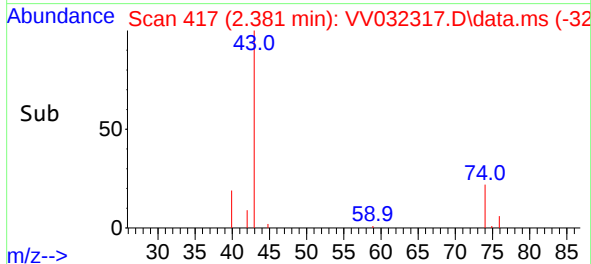
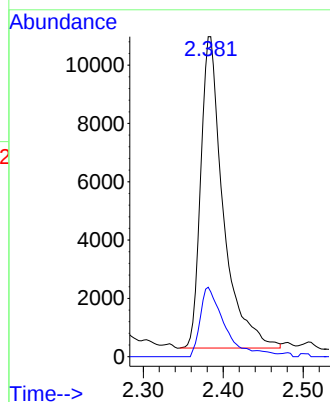
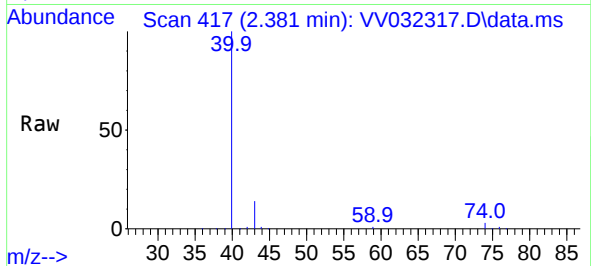




#15
Methyl Acetate
Concen: 4.819 ug/L
RT: 2.381 min Scan# 418
Delta R.T. -0.003 min
Lab File: VV032317.D
Acq: 09 Oct 2023 09:55

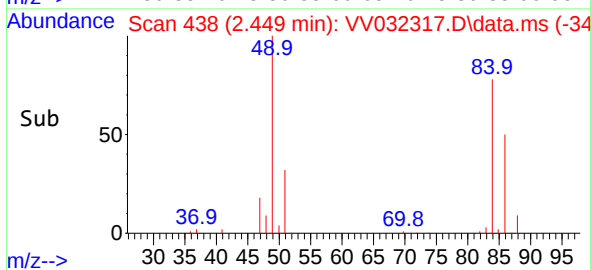
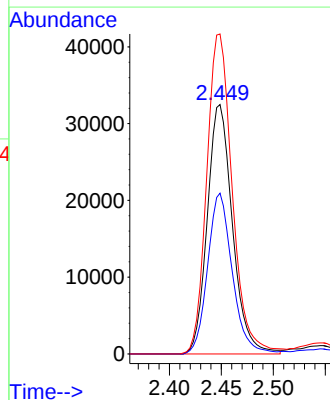
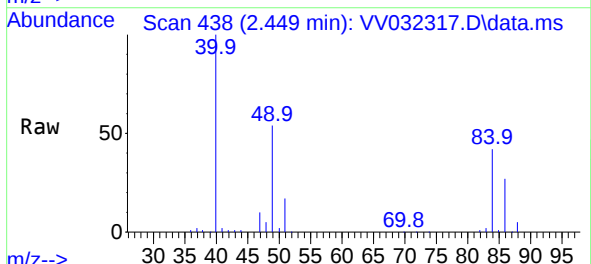
Instrument :
MSVOA_V
ClientSampleId :

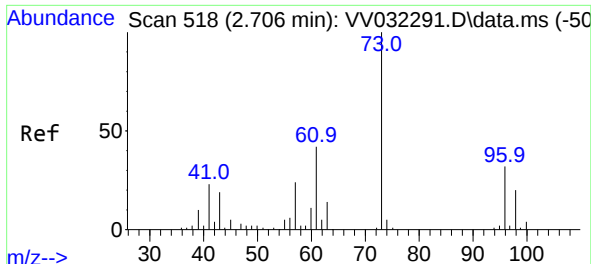
Tgt Ion: 43 Resp: 20904
Ion Ratio Lower Upper
43 100
74 23.1 18.0 27.0



#16
Methylene chloride
Concen: 4.723 ug/L
RT: 2.449 min Scan# 438
Delta R.T. 0.003 min
Lab File: VV032317.D
Acq: 09 Oct 2023 09:55

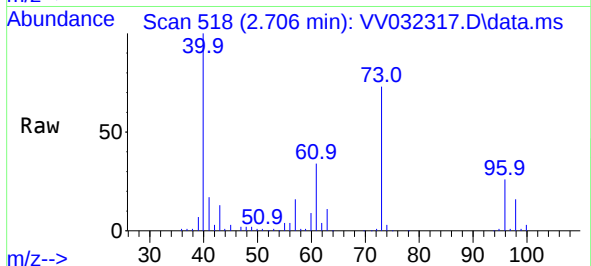
Tgt Ion: 84 Resp: 54872
Ion Ratio Lower Upper
84 100
86 64.5 43.2 80.2
49 128.3 86.3 160.3



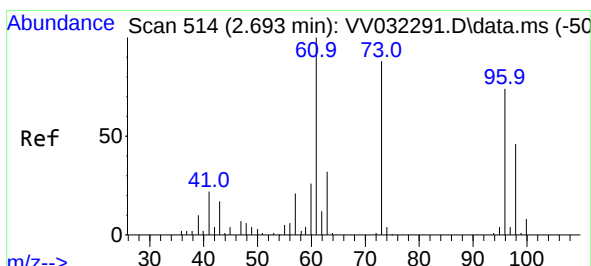
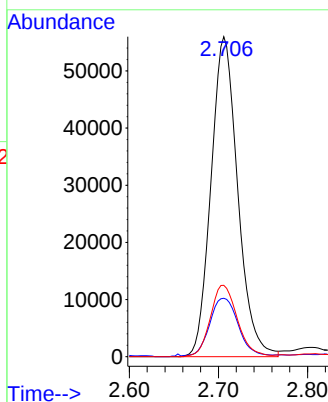
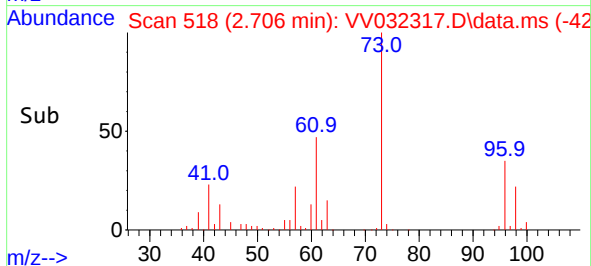


#17
Methyl tert-butyl Ether
Concen: 4.811 ug/L
RT: 2.706 min Scan# 518
Delta R.T. 0.000 min
Lab File: VV032317.D
Acq: 09 Oct 2023 09:55

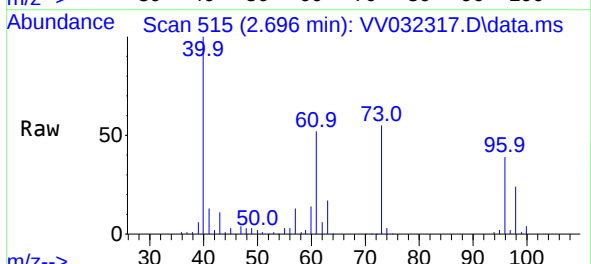
Instrument :
MSVOA_V
ClientSampleId :



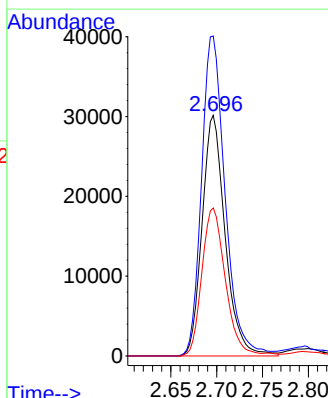
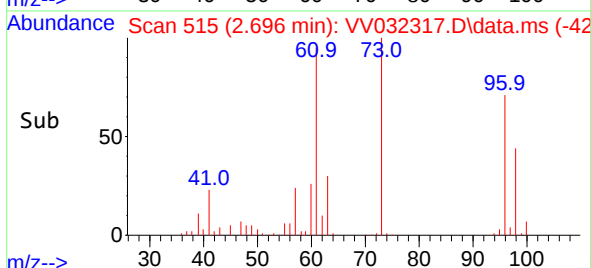
Tgt Ion: 73 Resp: 116730
Ion Ratio Lower Upper
73 100
43 18.7 15.1 22.7
57 22.5 18.3 27.5

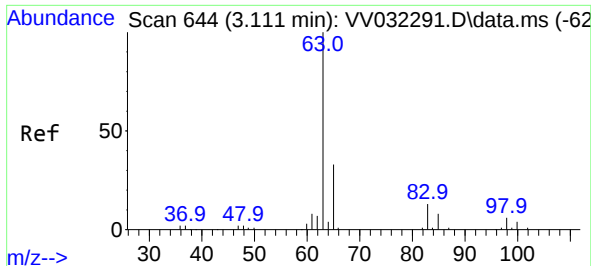


#18
trans-1,2-Dichloroethene
Concen: 5.172 ug/L
RT: 2.696 min Scan# 515
Delta R.T. 0.003 min
Lab File: VV032317.D
Acq: 09 Oct 2023 09:55



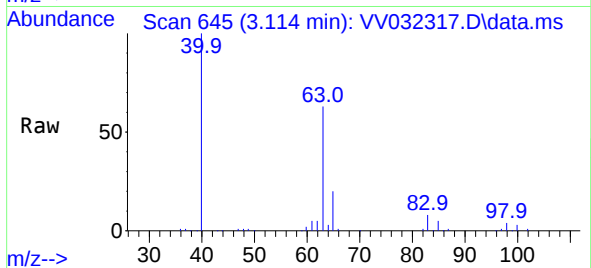
Tgt Ion: 96 Resp: 52798
Ion Ratio Lower Upper
96 100
61 133.0 96.9 180.1
98 61.5 45.3 84.1



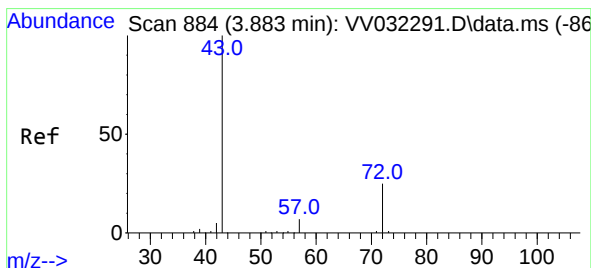
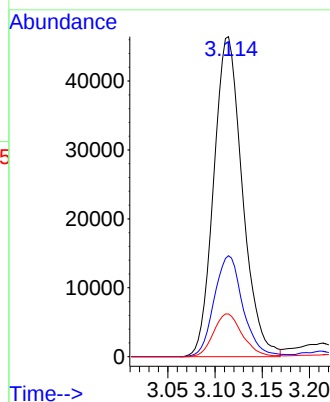
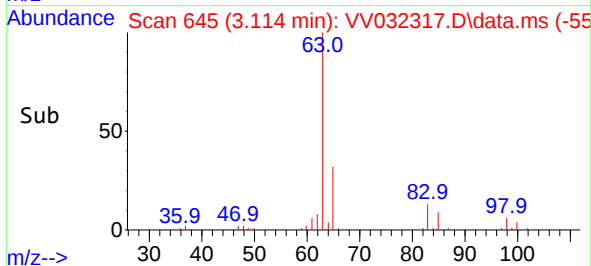


#19
1,1-Dichloroethane
Concen: 5.103 ug/L
RT: 3.114 min Scan# 64
Delta R.T. 0.003 min
Lab File: VV032317.D
Acq: 09 Oct 2023 09:55

Instrument :
MSVOA_V
ClientSampleId :

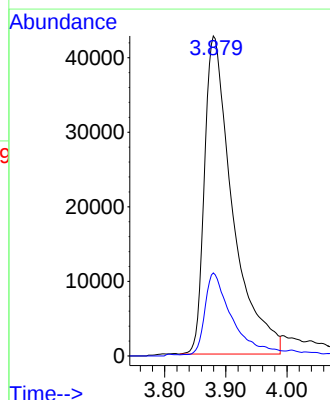
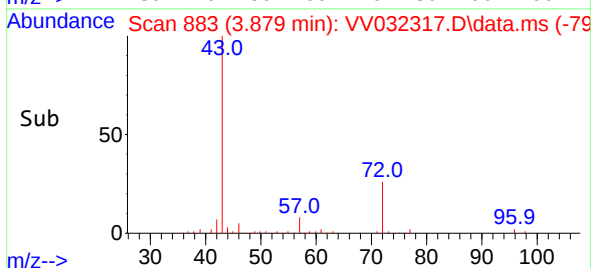
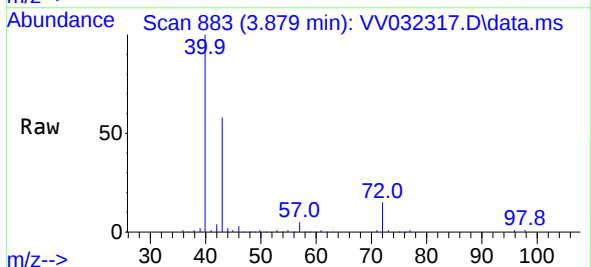


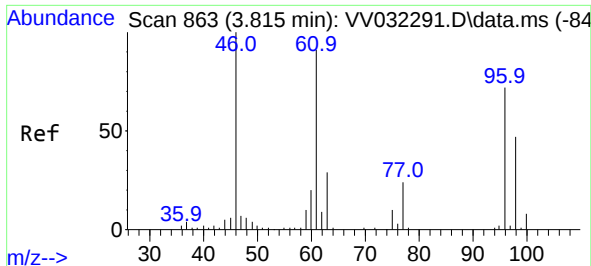
Tgt Ion: 63 Resp: 97985
Ion Ratio Lower Upper
63 100
65 31.6 22.3 41.5
83 13.4 9.0 16.6



#21
2-Butanone
Concen: 45.267 ug/L
RT: 3.879 min Scan# 883
Delta R.T. -0.003 min
Lab File: VV032317.D
Acq: 09 Oct 2023 09:55

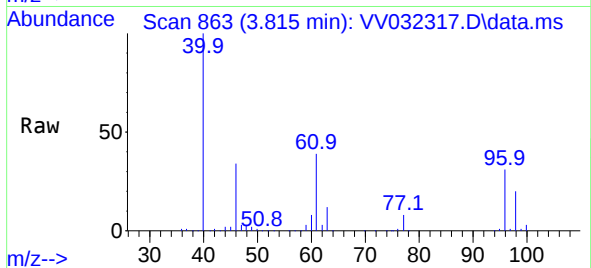
Tgt Ion: 43 Resp: 136397
Ion Ratio Lower Upper
43 100
72 24.8 11.6 34.8



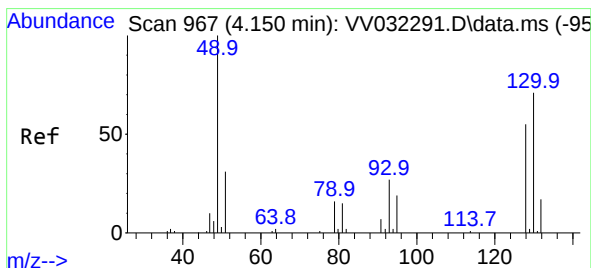
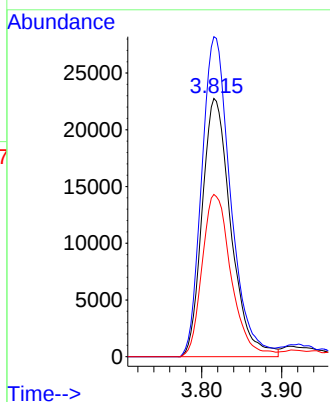
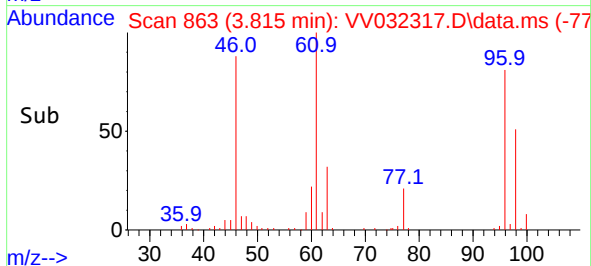


#22
cis-1,2-Dichloroethene
Concen: 5.177 ug/L
RT: 3.815 min Scan# 863
Delta R.T. 0.000 min
Lab File: VV032317.D
Acq: 09 Oct 2023 09:55

Instrument :
MSVOA_V
ClientSampleId :

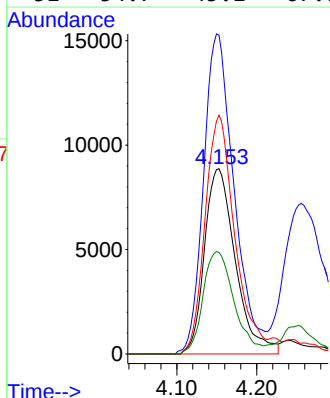
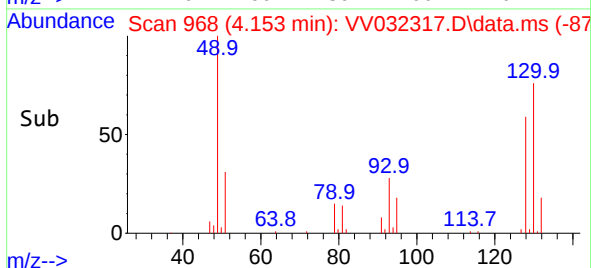
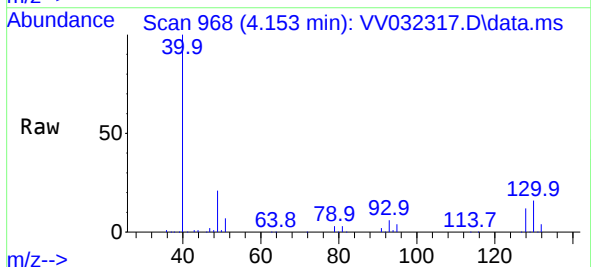


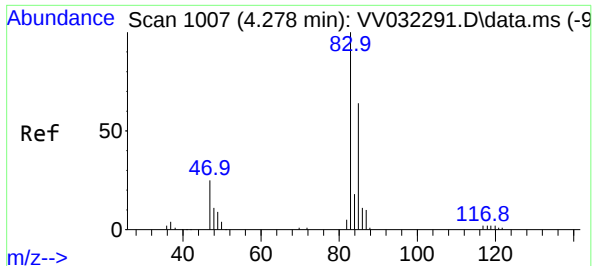
Tgt Ion: 96 Resp: 56902
Ion Ratio Lower Upper
96 100
61 123.9 85.8 159.4
98 62.8 44.0 81.6



#23
Bromochloromethane
Concen: 5.167 ug/L
RT: 4.153 min Scan# 968
Delta R.T. 0.003 min
Lab File: VV032317.D
Acq: 09 Oct 2023 09:55

Tgt Ion: 128 Resp: 23892
Ion Ratio Lower Upper
128 100
49 172.2 121.2 225.0
130 128.9 88.2 163.8
51 54.7 45.1 67.7





#25

Chloroform

Concen: 5.210 ug/L

RT: 4.275 min Scan# 1007

Delta R.T. -0.003 min

Lab File: VV032317.D

Acq: 09 Oct 2023 09:55

Instrument :

MSVOA_V

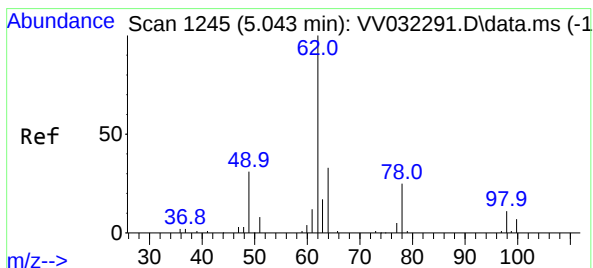
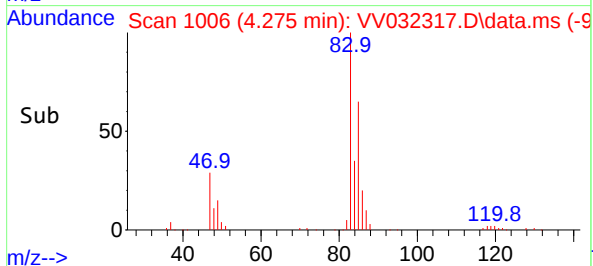
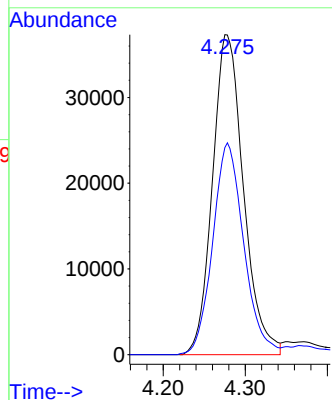
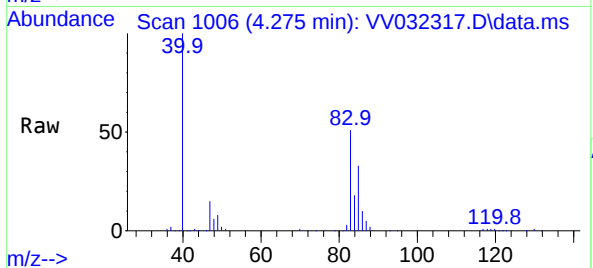
ClientSampleId :

Tgt Ion: 83 Resp: 98157

Ion Ratio Lower Upper

83 100

85 64.7 45.4 84.4



#27

1,2-Dichloroethane

Concen: 5.065 ug/L

RT: 5.043 min Scan# 1245

Delta R.T. 0.000 min

Lab File: VV032317.D

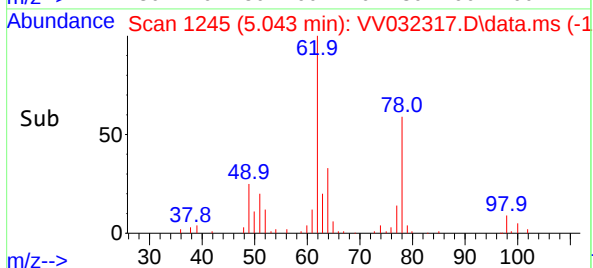
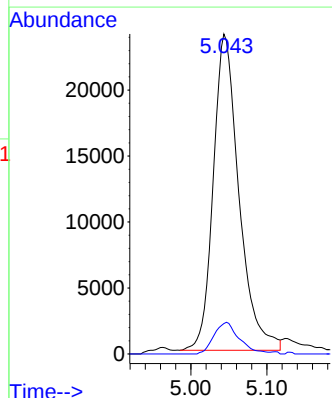
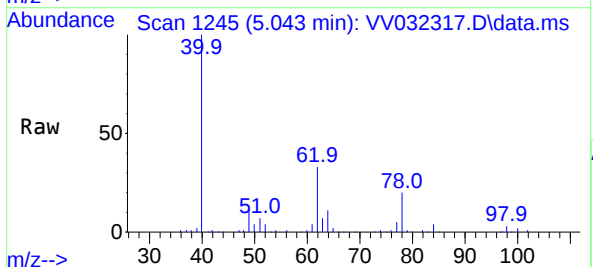
Acq: 09 Oct 2023 09:55

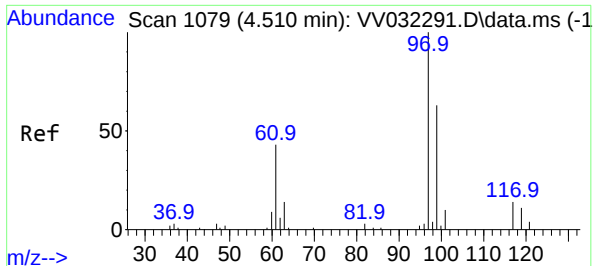
Tgt Ion: 62 Resp: 56375

Ion Ratio Lower Upper

62 100

98 9.5 7.8 11.8

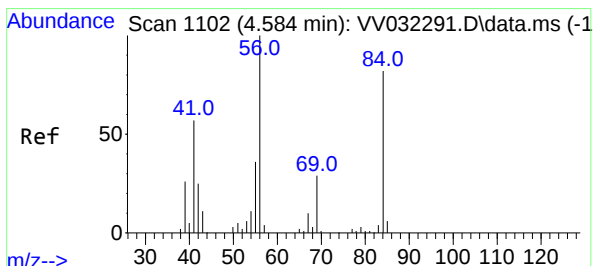
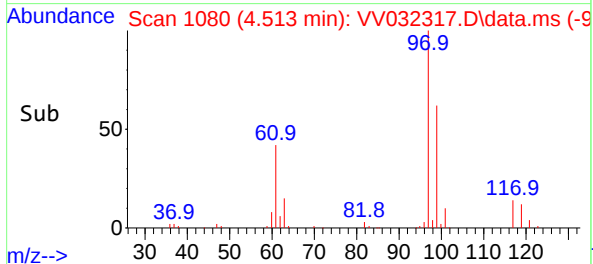
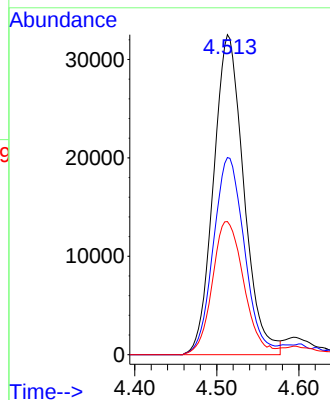
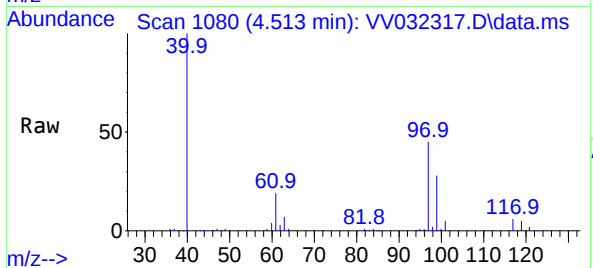




#29
1,1,1-Trichloroethane
Concen: 5.262 ug/L
RT: 4.513 min Scan# 1079
Delta R.T. 0.003 min
Lab File: VV032317.D
Acq: 09 Oct 2023 09:55

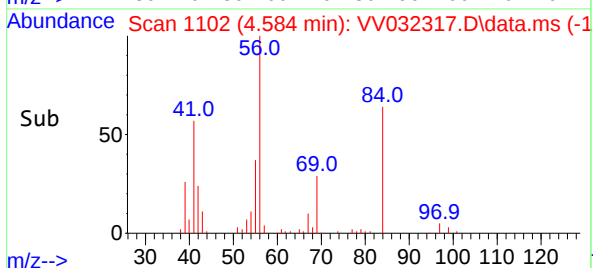
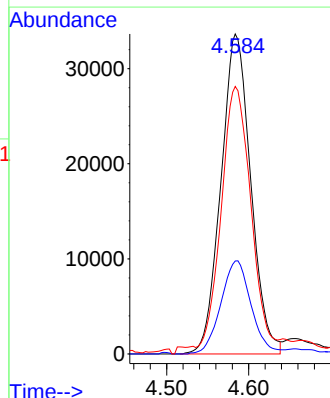
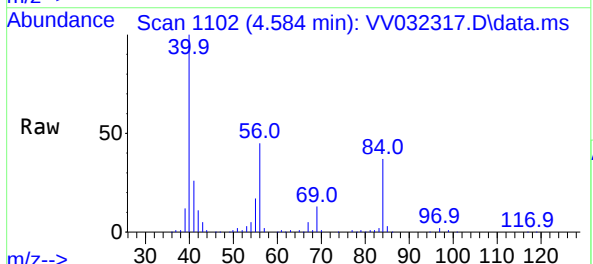
Instrument :
MSVOA_V
ClientSampleId :

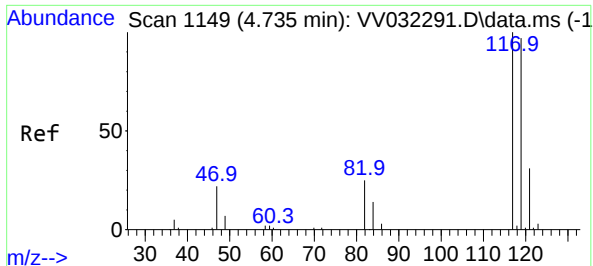
Tgt Ion: 97 Resp: 83500
Ion Ratio Lower Upper
97 100
99 63.1 50.1 75.1
61 43.2 35.1 52.7



#30
Cyclohexane
Concen: 4.876 ug/L
RT: 4.584 min Scan# 1102
Delta R.T. -0.000 min
Lab File: VV032317.D
Acq: 09 Oct 2023 09:55

Tgt Ion: 56 Resp: 85034
Ion Ratio Lower Upper
56 100
69 29.6 24.2 36.2
84 79.2 68.1 102.1

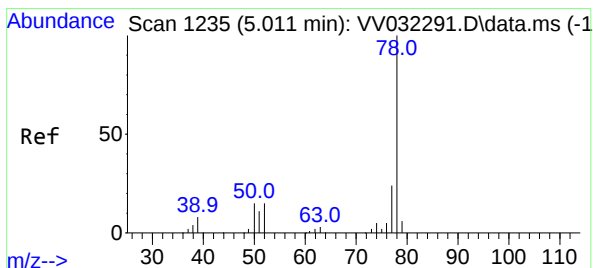
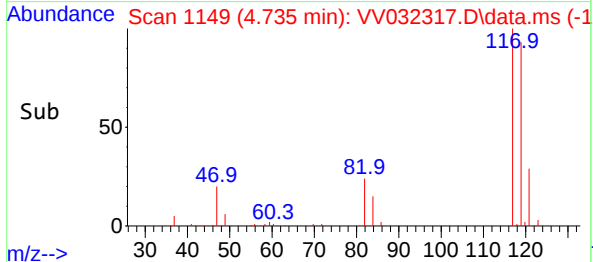
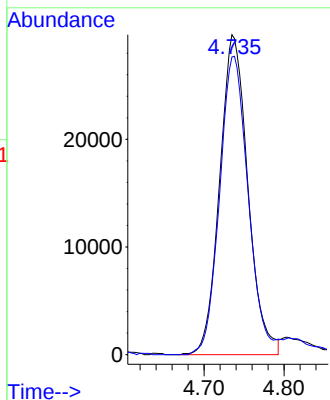
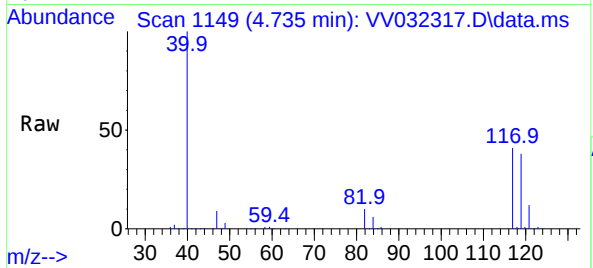




#31
Carbon tetrachloride
Concen: 5.422 ug/L
RT: 4.735 min Scan# 1149
Delta R.T. 0.000 min
Lab File: VV032317.D
Acq: 09 Oct 2023 09:55

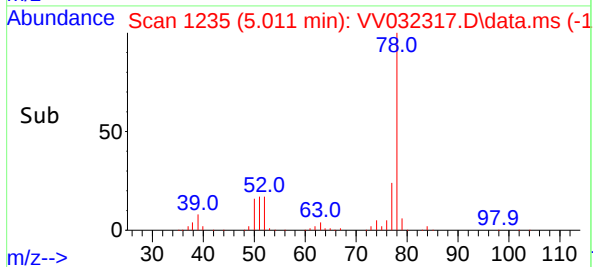
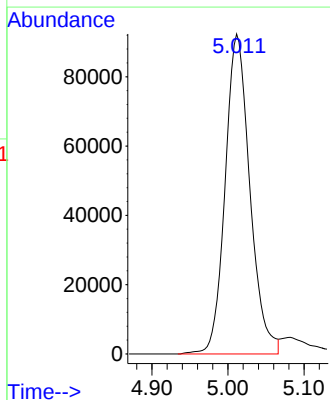
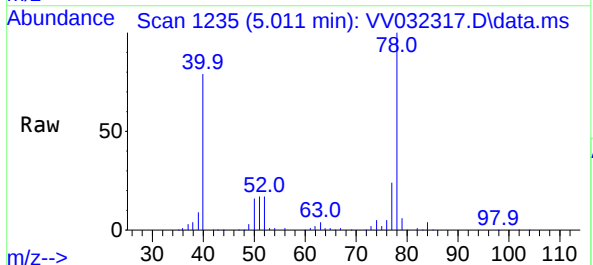
Instrument :
MSVOA_V
ClientSampleId :

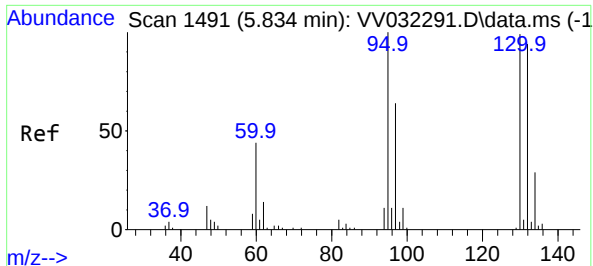
Tgt Ion:117 Resp: 72803
Ion Ratio Lower Upper
117 100
119 94.1 77.6 116.4



#33
Benzene
Concen: 5.079 ug/L
RT: 5.011 min Scan# 1235
Delta R.T. 0.000 min
Lab File: VV032317.D
Acq: 09 Oct 2023 09:55

Tgt Ion: 78 Resp: 208713

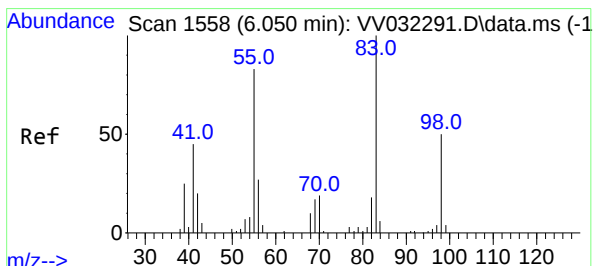
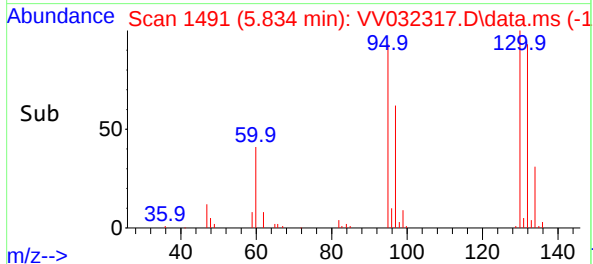
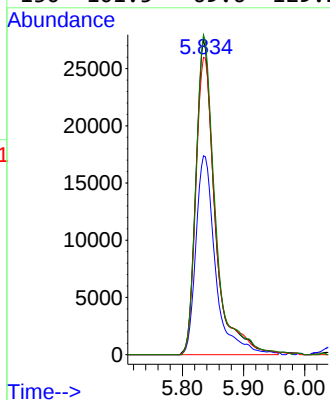
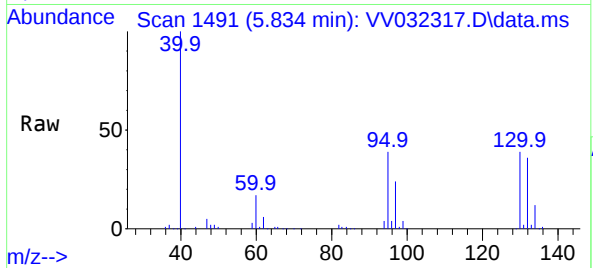




#34
Trichloroethene
Concen: 5.319 ug/L
RT: 5.834 min Scan# 1491
Delta R.T. 0.000 min
Lab File: VV032317.D
Acq: 09 Oct 2023 09:55

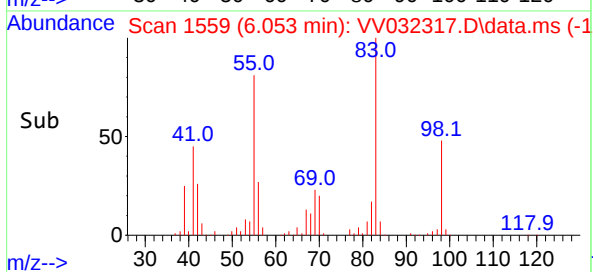
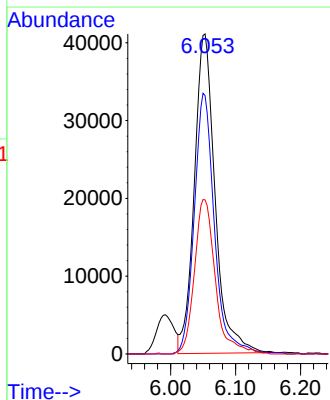
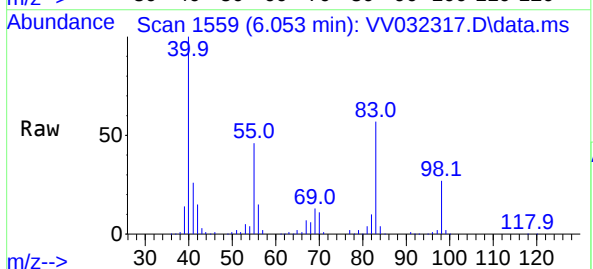
Instrument :
MSVOA_V
ClientSampleId :

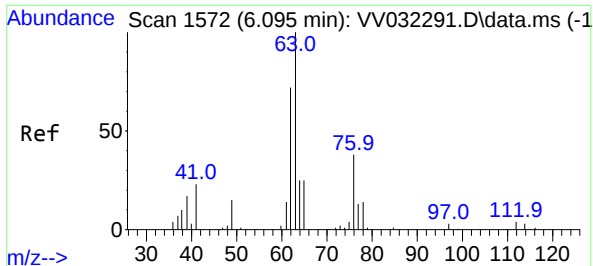
Tgt Ion: 95 Resp: 59668
Ion Ratio Lower Upper
95 100
97 63.0 45.7 84.9
132 94.3 70.3 130.5
130 101.5 69.6 129.2



#35
Methylcyclohexane
Concen: 5.272 ug/L
RT: 6.053 min Scan# 1559
Delta R.T. 0.003 min
Lab File: VV032317.D
Acq: 09 Oct 2023 09:55

Tgt Ion: 83 Resp: 91528
Ion Ratio Lower Upper
83 100
55 79.5 64.2 96.2
98 48.9 39.6 59.4

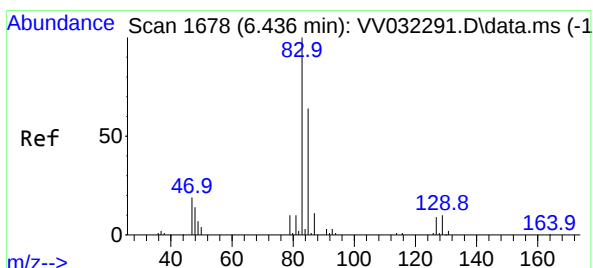
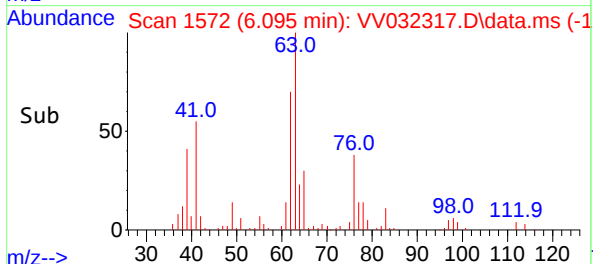
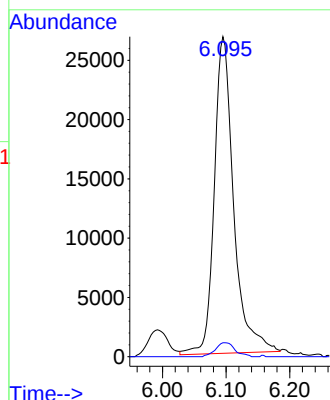
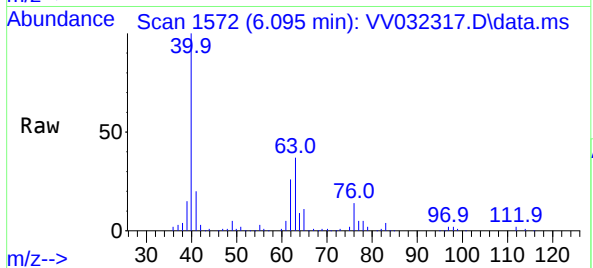




#37
1,2-Dichloropropane
Concen: 5.154 ug/L
RT: 6.095 min Scan# 11
Delta R.T. 0.000 min
Lab File: VV032317.D
Acq: 09 Oct 2023 09:55

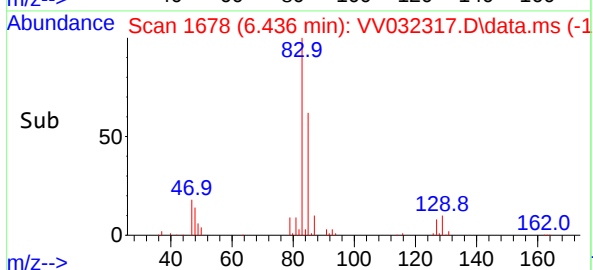
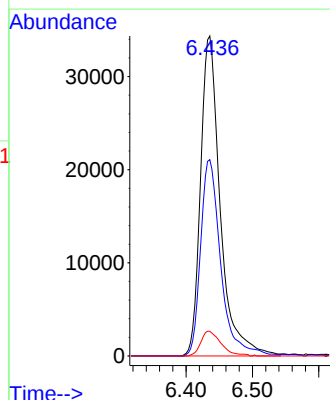
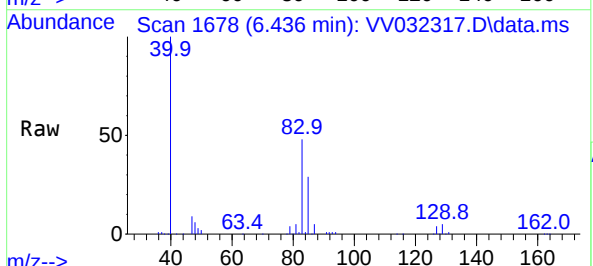
Instrument :
MSVOA_V
ClientSampleId :

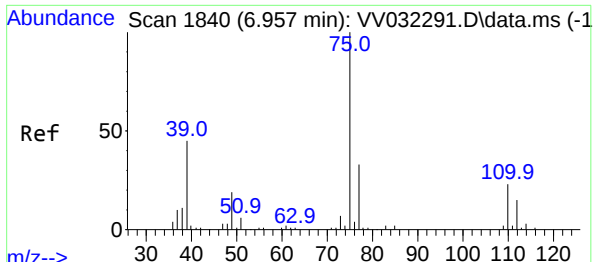
Tgt Ion: 63 Resp: 56642
Ion Ratio Lower Upper
63 100
112 4.4 3.4 5.2



#38
Bromodichloromethane
Concen: 5.441 ug/L
RT: 6.436 min Scan# 1678
Delta R.T. -0.000 min
Lab File: VV032317.D
Acq: 09 Oct 2023 09:55

Tgt Ion: 83 Resp: 71048
Ion Ratio Lower Upper
83 100
85 61.4 44.9 83.3
127 7.7 6.9 10.3

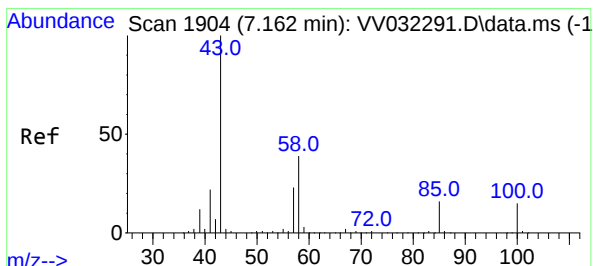
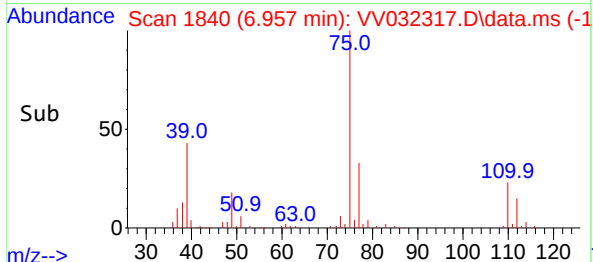
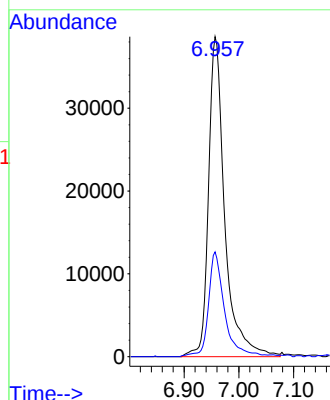
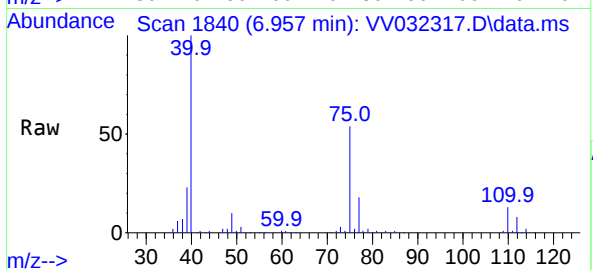




#39
 cis-1,3-Dichloropropene
 Concen: 5.092 ug/L
 RT: 6.957 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VV032317.D
 Acq: 09 Oct 2023 09:55

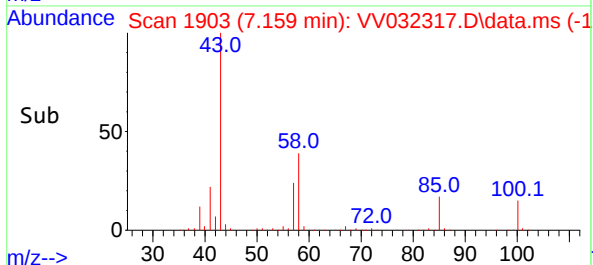
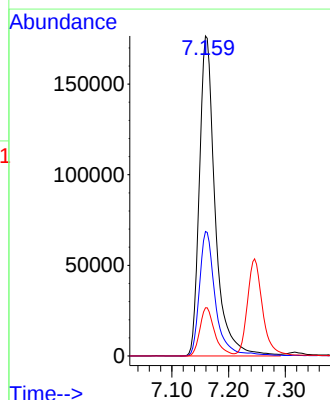
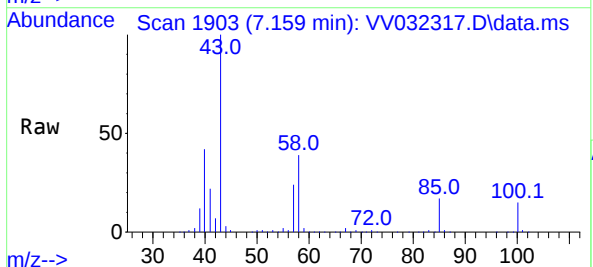
Instrument :
 MSVOA_V
 ClientSampleId :

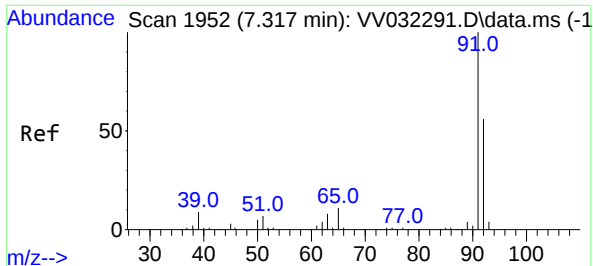
Tgt Ion: 75 Resp: 79643
 Ion Ratio Lower Upper
 75 100
 77 32.8 22.2 41.2



#40
 4-Methyl-2-pentanone
 Concen: 49.233 ug/L
 RT: 7.159 min Scan# 1903
 Delta R.T. -0.003 min
 Lab File: VV032317.D
 Acq: 09 Oct 2023 09:55

Tgt Ion: 43 Resp: 342415
 Ion Ratio Lower Upper
 43 100
 58 39.4 31.9 47.9
 100 14.3 11.3 16.9





#42

Toluene

Concen: 5.404 ug/L

RT: 7.317 min Scan# 1952

Delta R.T. 0.000 min

Lab File: VV032317.D

Acq: 09 Oct 2023 09:55

Instrument :

MSVOA_V

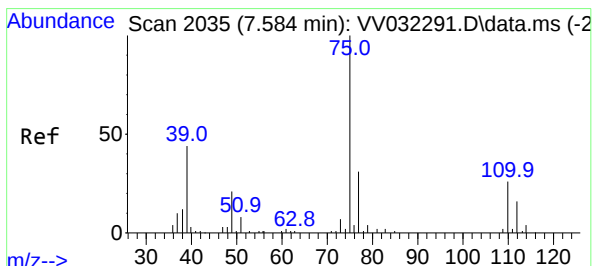
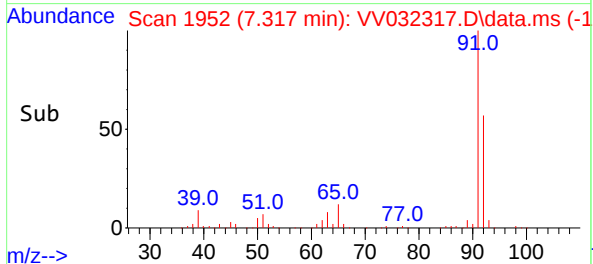
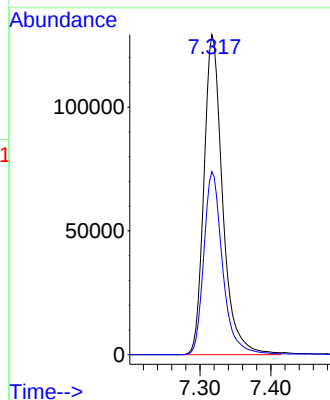
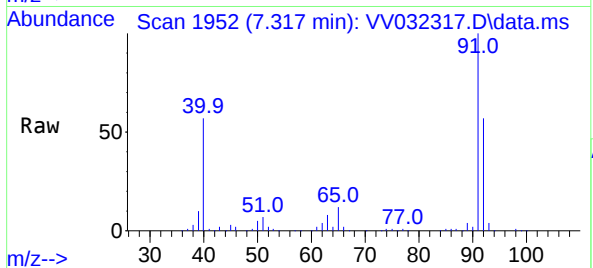
ClientSampleId :

Tgt Ion: 91 Resp: 236739

Ion Ratio Lower Upper

91 100

92 57.2 40.8 75.8



#44

trans-1,3-Dichloropropene

Concen: 4.945 ug/L

RT: 7.584 min Scan# 2035

Delta R.T. 0.000 min

Lab File: VV032317.D

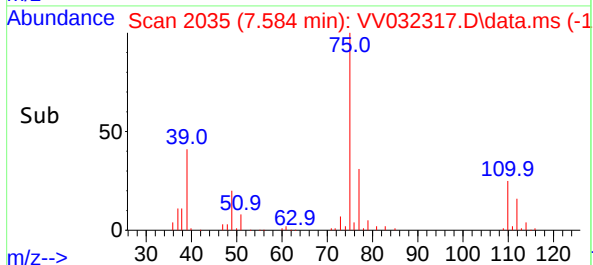
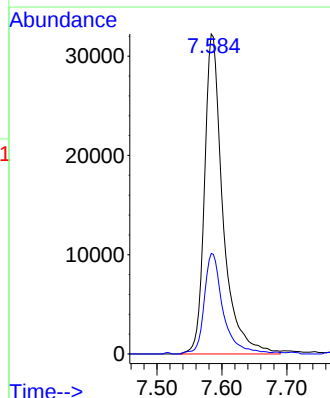
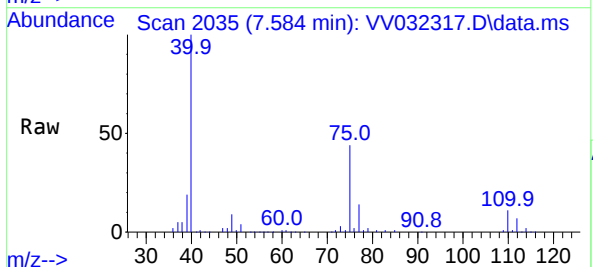
Acq: 09 Oct 2023 09:55

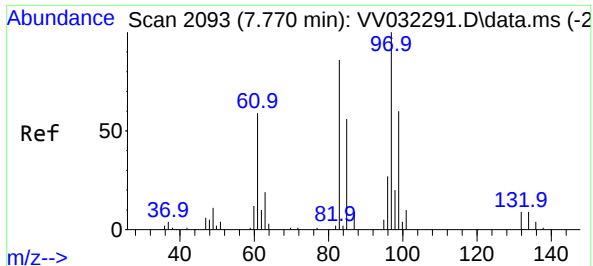
Tgt Ion: 75 Resp: 63565

Ion Ratio Lower Upper

75 100

77 31.4 22.5 41.7



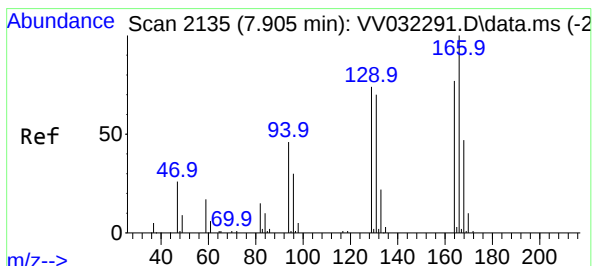
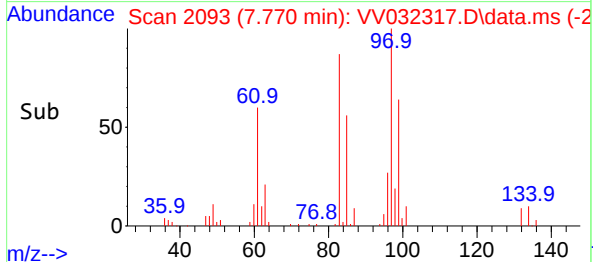
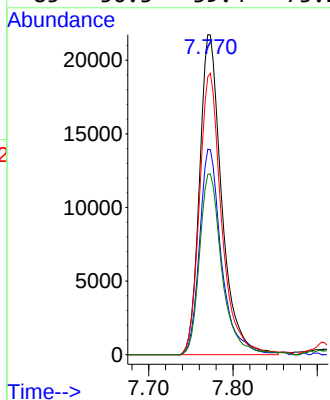
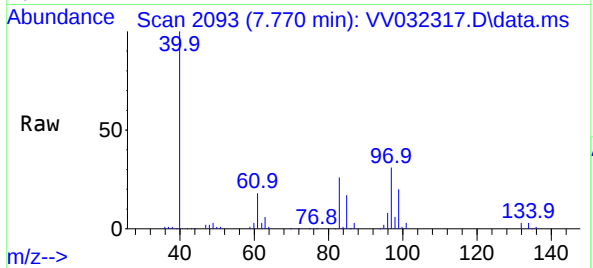


#45
1,1,2-Trichloroethane
Concen: 5.137 ug/L
RT: 7.770 min Scan# 2093
Delta R.T. -0.000 min
Lab File: VV032317.D
Acq: 09 Oct 2023 09:55

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 97 Resp: 39826

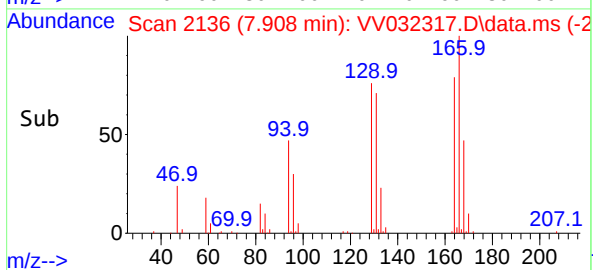
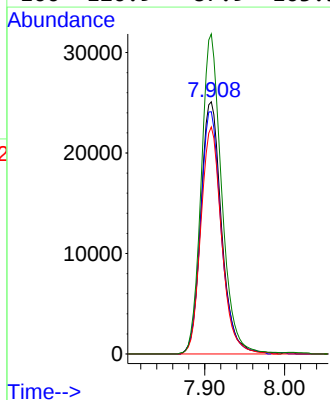
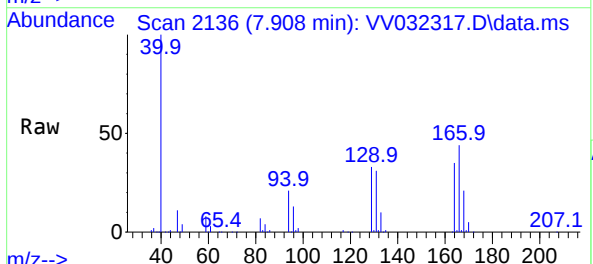
Ion	Ratio	Lower	Upper
97	100		
99	64.2	42.8	79.4
83	86.9	60.9	113.1
85	56.3	39.4	73.2

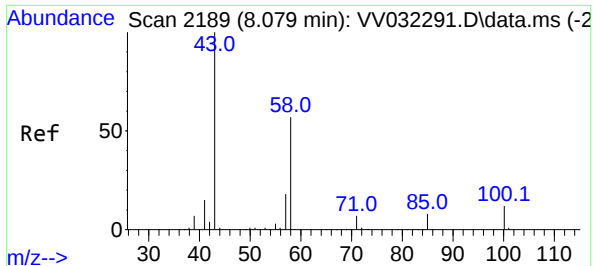


#47
Tetrachloroethene
Concen: 5.339 ug/L
RT: 7.908 min Scan# 2136
Delta R.T. 0.003 min
Lab File: VV032317.D
Acq: 09 Oct 2023 09:55

Tgt Ion: 164 Resp: 45422

Ion	Ratio	Lower	Upper
164	100		
129	96.0	66.4	123.4
131	90.0	63.7	118.3
166	126.9	87.9	163.3



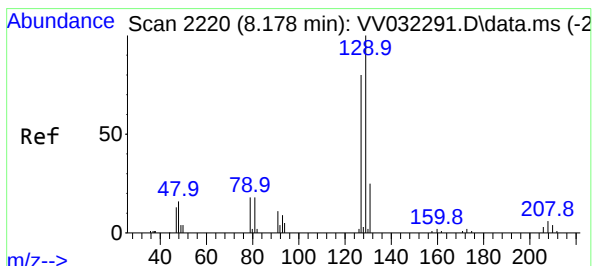
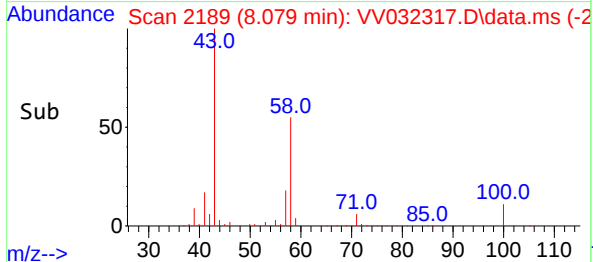
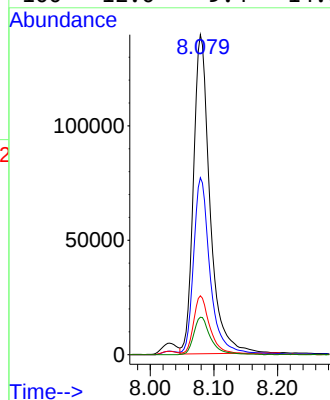
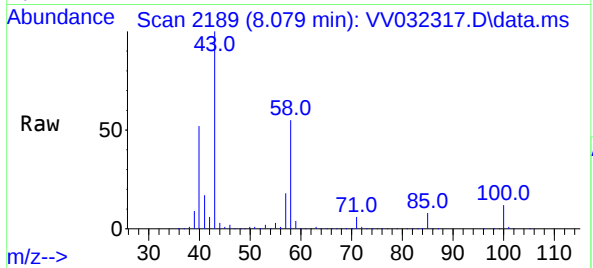


#48
2-Hexanone
Concen: 51.346 ug/L
RT: 8.079 min Scan# 2189
Delta R.T. 0.000 min
Lab File: VV032317.D
Acq: 09 Oct 2023 09:55

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 43 Resp: 251955

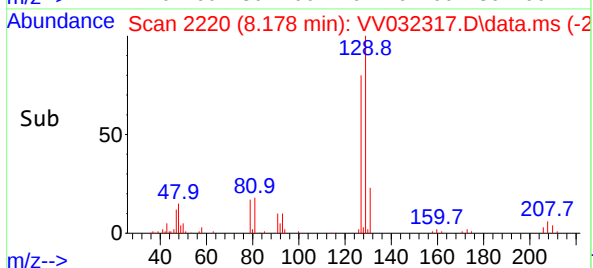
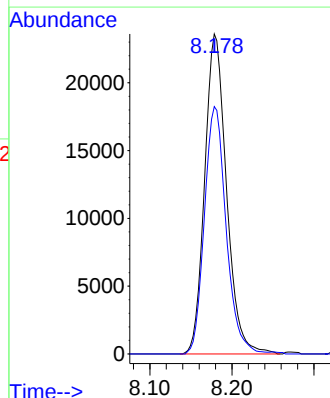
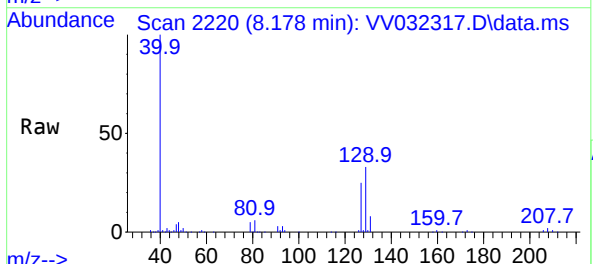
Ion	Ratio	Lower	Upper
43	100		
58	54.6	43.6	65.4
57	17.8	14.6	22.0
100	12.0	9.4	14.0

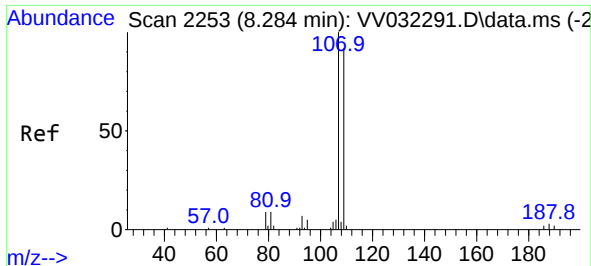


#49
Dibromochloromethane
Concen: 5.406 ug/L
RT: 8.178 min Scan# 2220
Delta R.T. 0.000 min
Lab File: VV032317.D
Acq: 09 Oct 2023 09:55

Tgt Ion: 129 Resp: 43636

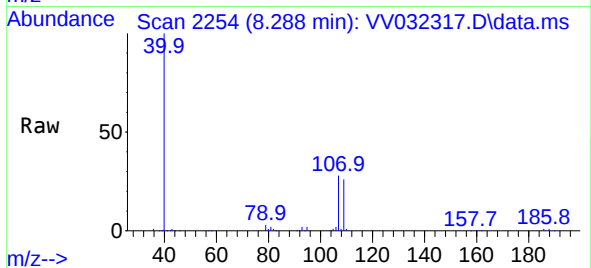
Ion	Ratio	Lower	Upper
129	100		
127	77.3	57.2	106.2



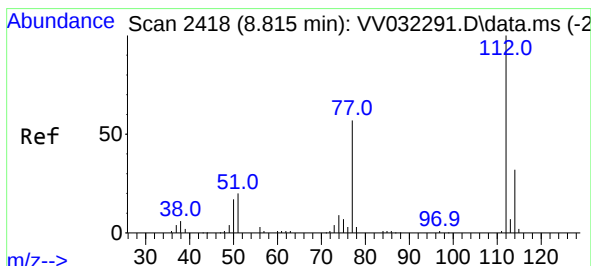
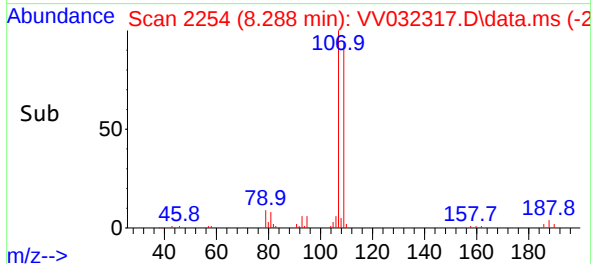
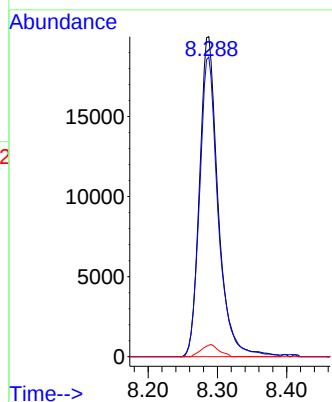


#50
1,2-Dibromoethane
Concen: 5.084 ug/L
RT: 8.288 min Scan# 21
Delta R.T. 0.003 min
Lab File: VV032317.D
Acq: 09 Oct 2023 09:55

Instrument :
MSVOA_V
ClientSampleId :

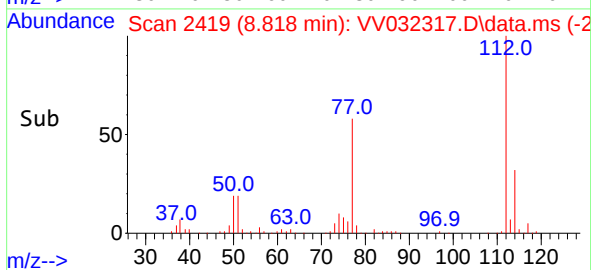
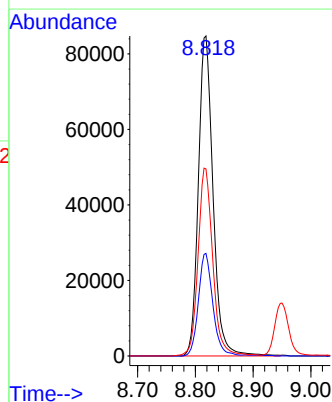
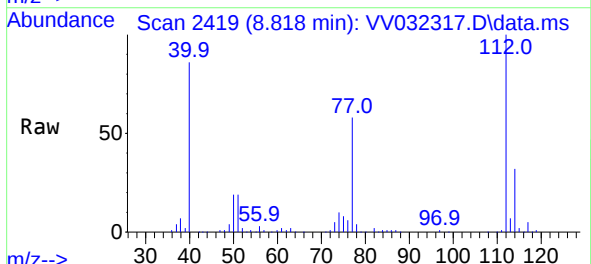


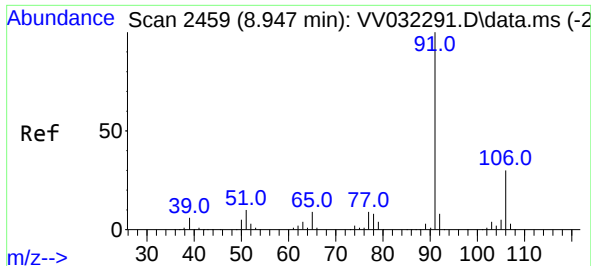
Tgt Ion:107 Resp: 37279
Ion Ratio Lower Upper
107 100
109 93.7 68.4 127.0
188 3.6 3.2 4.8



#51
Chlorobenzene
Concen: 5.304 ug/L
RT: 8.818 min Scan# 2419
Delta R.T. 0.003 min
Lab File: VV032317.D
Acq: 09 Oct 2023 09:55

Tgt Ion:112 Resp: 149604
Ion Ratio Lower Upper
112 100
114 32.0 22.1 41.1
77 58.5 46.1 69.1

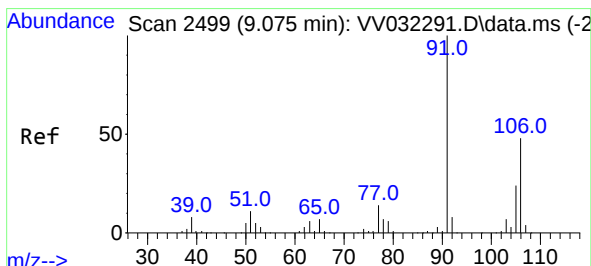
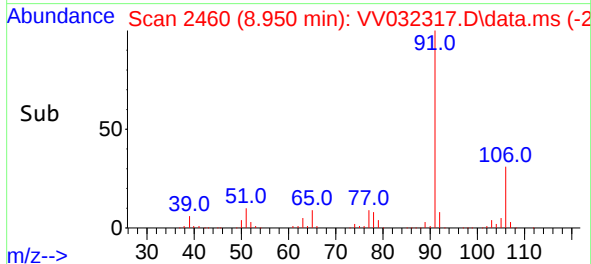
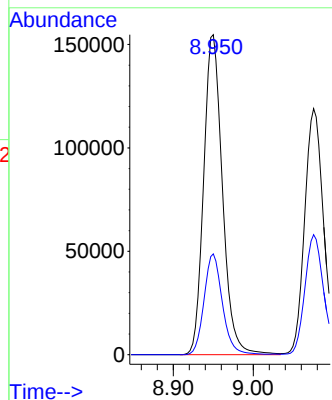
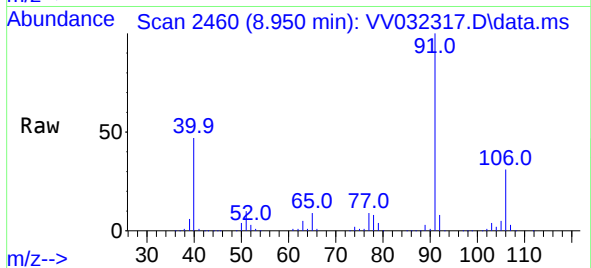




#52
Ethylbenzene
Concen: 5.188 ug/L
RT: 8.950 min Scan# 2459
Delta R.T. 0.003 min
Lab File: VV032317.D
Acq: 09 Oct 2023 09:55

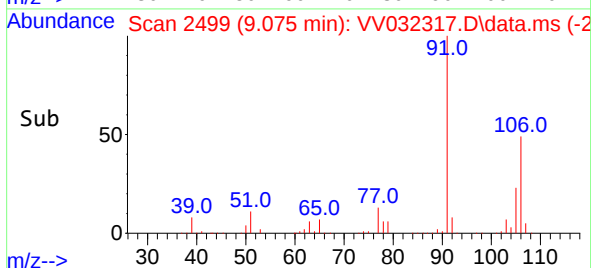
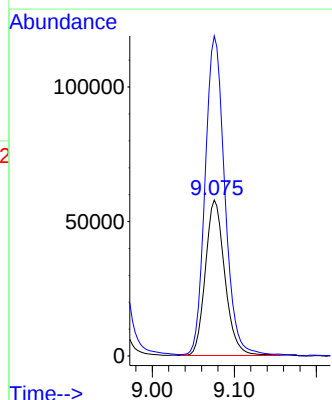
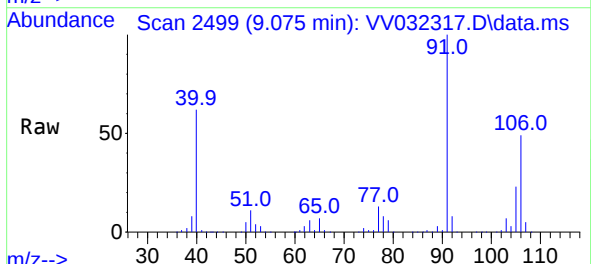
Instrument :
MSVOA_V
ClientSampleId :

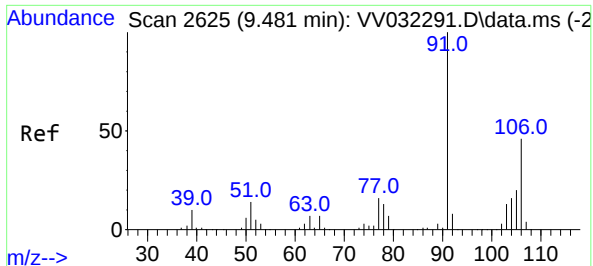
Tgt Ion: 91 Resp: 253089
Ion Ratio Lower Upper
91 100
106 31.5 21.3 39.5



#53
m,p-Xylene
Concen: 5.263 ug/L
RT: 9.075 min Scan# 2499
Delta R.T. 0.000 min
Lab File: VV032317.D
Acq: 09 Oct 2023 09:55

Tgt Ion:106 Resp: 95226
Ion Ratio Lower Upper
106 100
91 205.0 144.5 268.3

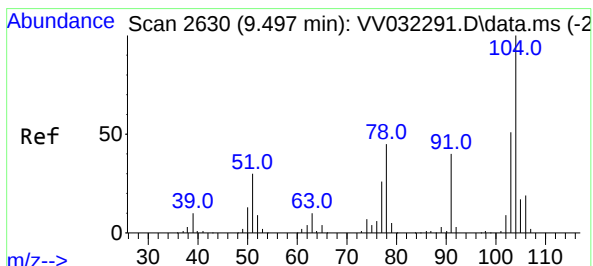
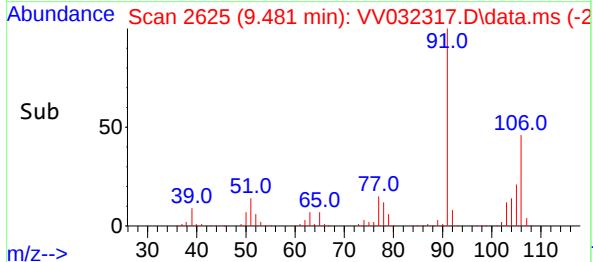
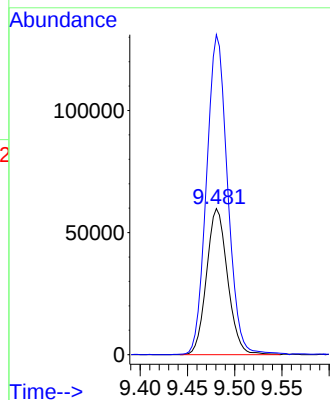
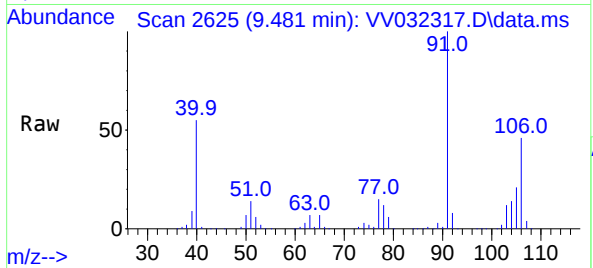




#54
o-Xylene
Concen: 5.319 ug/L
RT: 9.481 min Scan# 2625
Delta R.T. 0.000 min
Lab File: VV032317.D
Acq: 09 Oct 2023 09:55

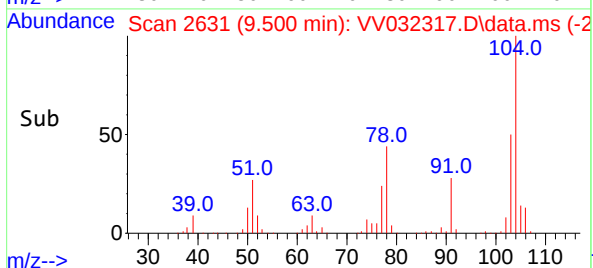
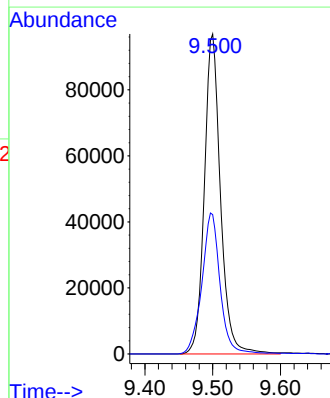
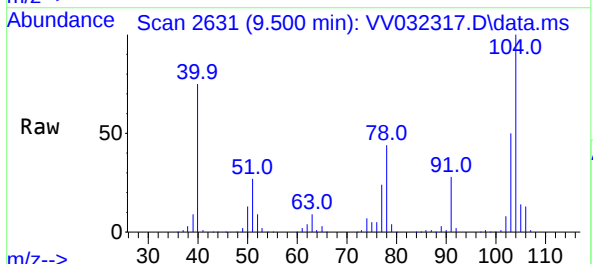
Instrument :
MSVOA_V
ClientSampleId :

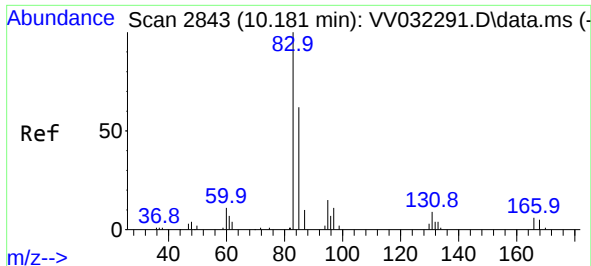
Tgt Ion:106 Resp: 92727
Ion Ratio Lower Upper
106 100
91 219.1 154.8 287.4



#55
Styrene
Concen: 5.441 ug/L
RT: 9.500 min Scan# 2631
Delta R.T. 0.003 min
Lab File: VV032317.D
Acq: 09 Oct 2023 09:55

Tgt Ion:104 Resp: 160189
Ion Ratio Lower Upper
104 100
78 43.5 29.9 55.5





#57

1,1,2,2-Tetrachloroethane

Concen: 5.183 ug/L

RT: 10.181 min Scan# 2843

Delta R.T. 0.000 min

Lab File: VV032317.D

Acq: 09 Oct 2023 09:55

Instrument :

MSVOA_V

ClientSampleId :

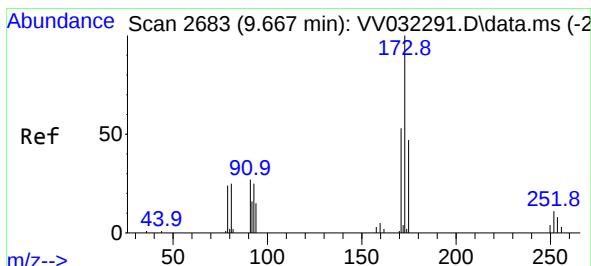
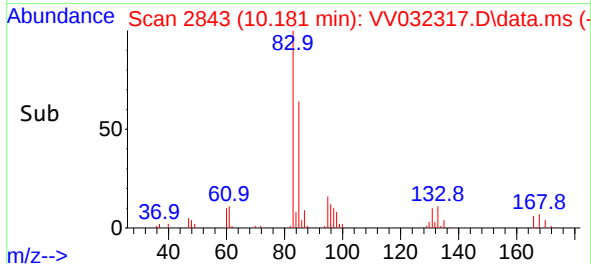
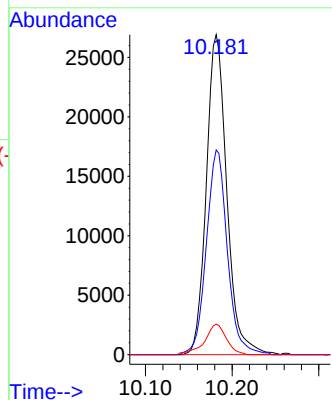
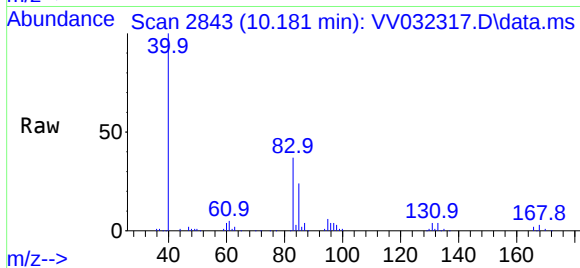
Tgt Ion: 83 Resp: 44216

Ion Ratio Lower Upper

83 100

85 64.0 43.6 81.0

131 9.5 7.0 10.6



#59

Bromoform

Concen: 5.272 ug/L

RT: 9.667 min Scan# 2683

Delta R.T. 0.000 min

Lab File: VV032317.D

Acq: 09 Oct 2023 09:55

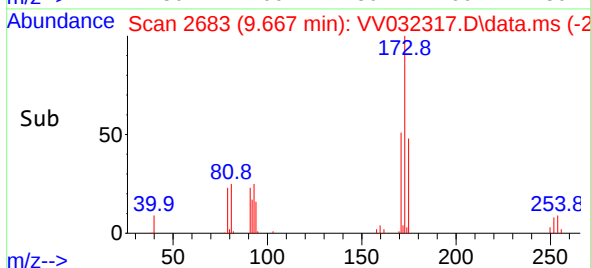
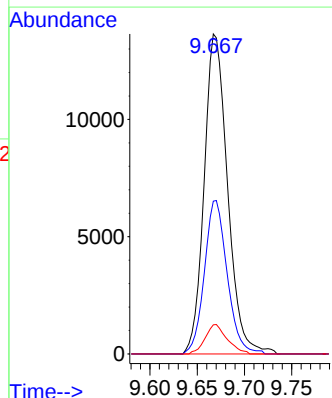
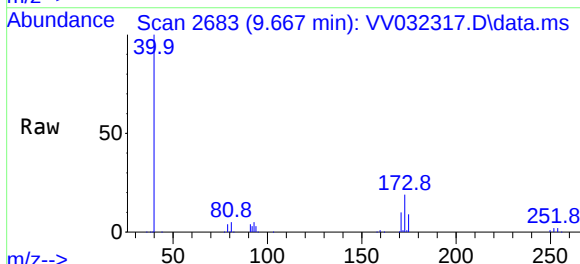
Tgt Ion: 173 Resp: 23536

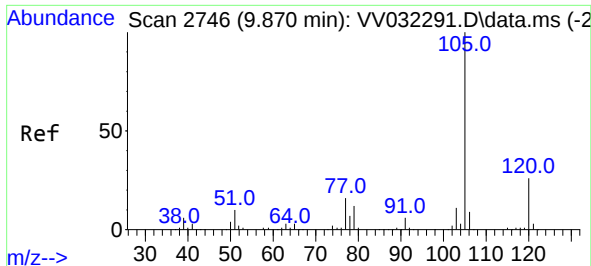
Ion Ratio Lower Upper

173 100

175 46.6 38.2 57.2

254 8.6 7.0 10.4

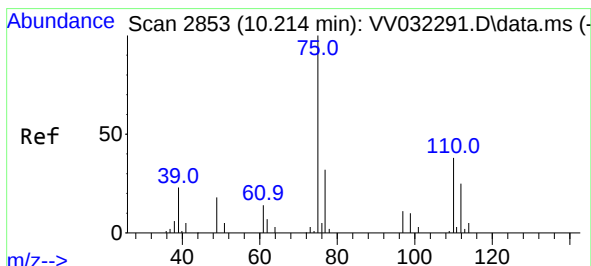
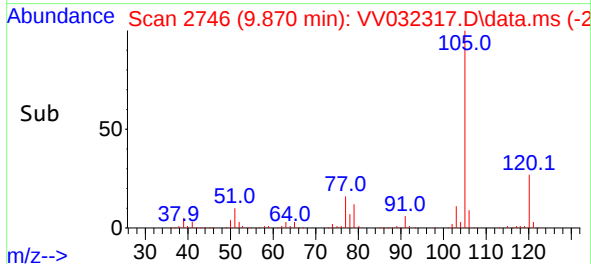
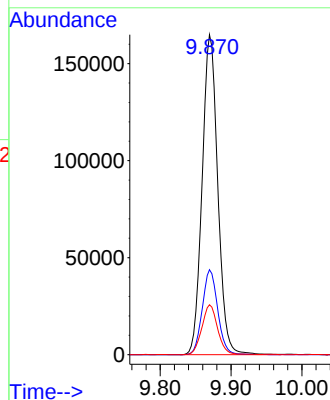
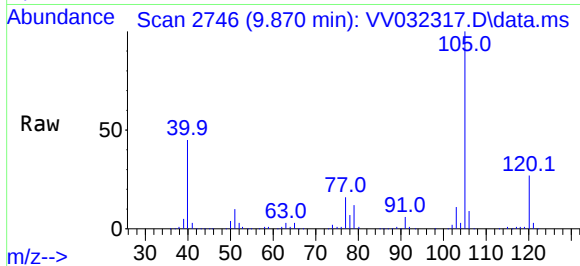




#60
Isopropylbenzene
Concen: 5.299 ug/L
RT: 9.870 min Scan# 21
Delta R.T. 0.000 min
Lab File: VV032317.D
Acq: 09 Oct 2023 09:55

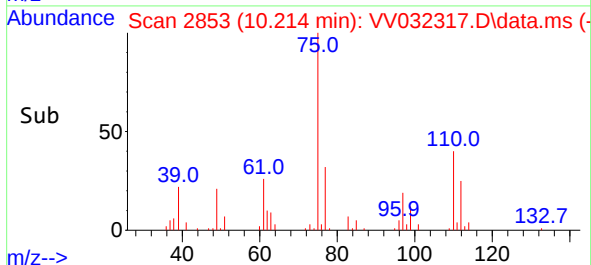
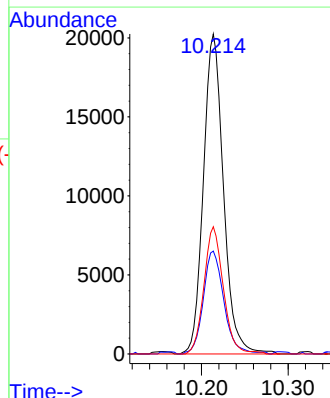
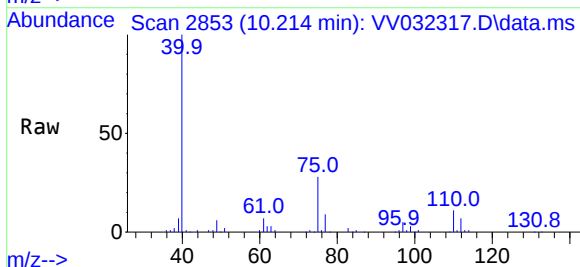
Instrument :
MSVOA_V
ClientSampleId :

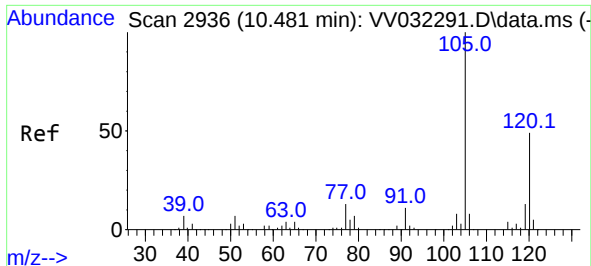
Tgt Ion:105 Resp: 252850
Ion Ratio Lower Upper
105 100
120 26.2 21.0 31.6
77 15.8 12.6 19.0



#61
1,2,3-Trichloropropane
Concen: 4.995 ug/L
RT: 10.214 min Scan# 2853
Delta R.T. -0.000 min
Lab File: VV032317.D
Acq: 09 Oct 2023 09:55

Tgt Ion: 75 Resp: 32642
Ion Ratio Lower Upper
75 100
77 32.9 26.2 39.2
110 38.4 30.6 46.0

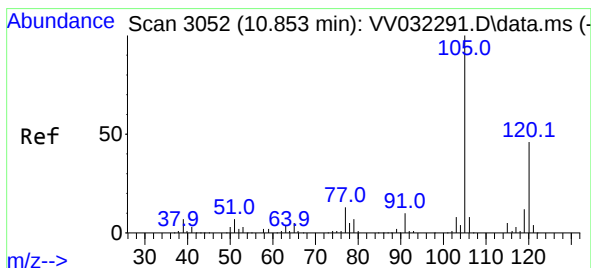
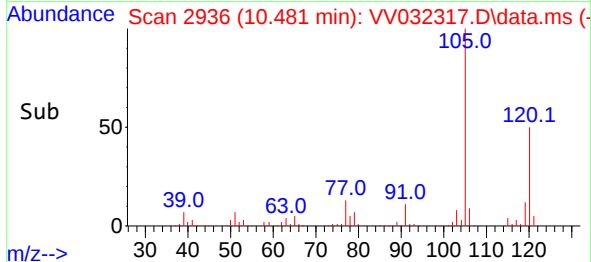
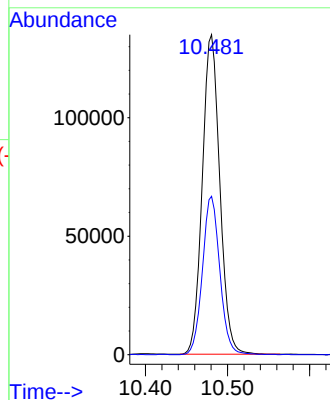
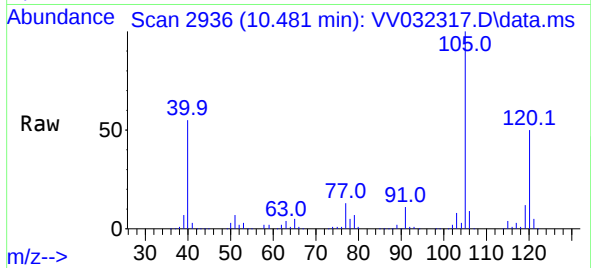




#62
 1,3,5-Trimethylbenzene
 Concen: 5.138 ug/L
 RT: 10.481 min Scan# 2936
 Delta R.T. 0.000 min
 Lab File: VV032317.D
 Acq: 09 Oct 2023 09:55

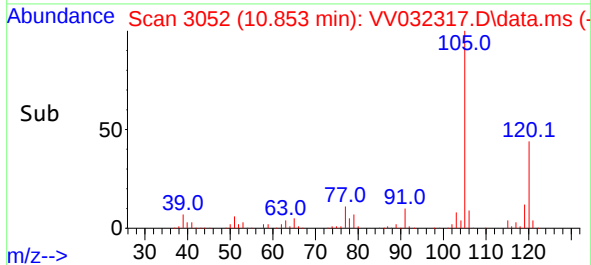
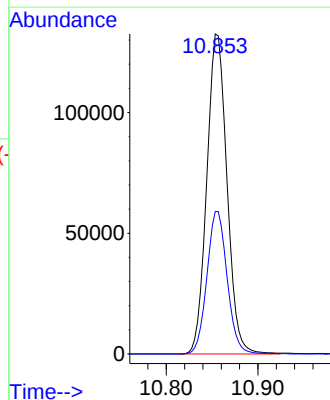
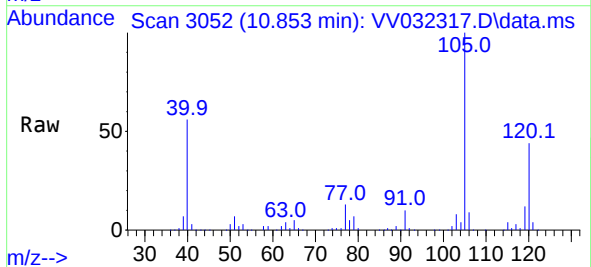
Instrument :
 MSVOA_V
 ClientSampleId :

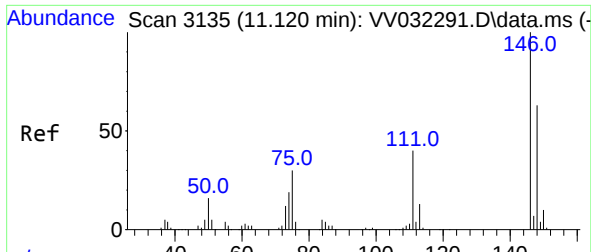
Tgt Ion:105 Resp: 199819
 Ion Ratio Lower Upper
 105 100
 120 49.2 39.9 59.9



#63
 1,2,4-Trimethylbenzene
 Concen: 5.242 ug/L
 RT: 10.853 min Scan# 3052
 Delta R.T. 0.000 min
 Lab File: VV032317.D
 Acq: 09 Oct 2023 09:55

Tgt Ion:105 Resp: 202962
 Ion Ratio Lower Upper
 105 100
 120 44.6 36.2 54.4

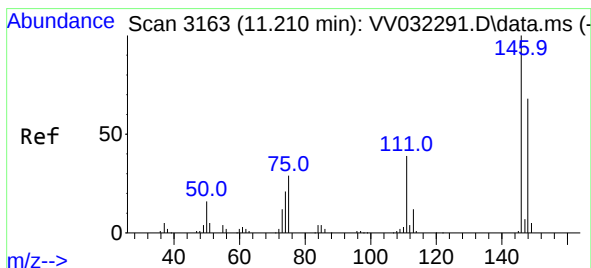
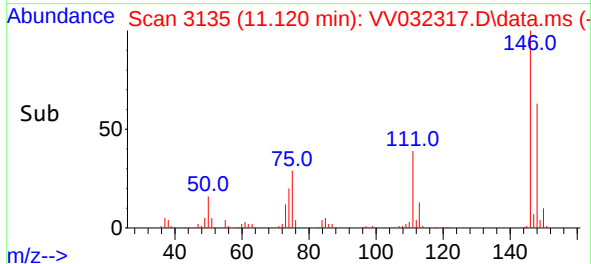
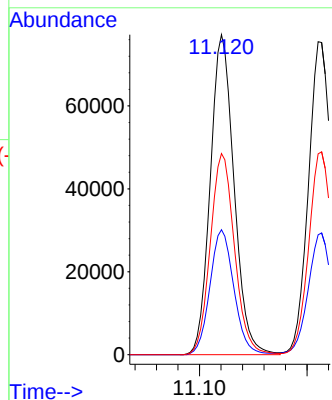
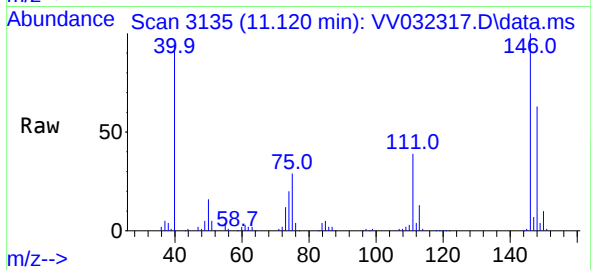




#64
1,3-Dichlorobenzene
Concen: 5.201 ug/L
RT: 11.120 min Scan# 3135
Delta R.T. 0.000 min
Lab File: VV032317.D
Acq: 09 Oct 2023 09:55

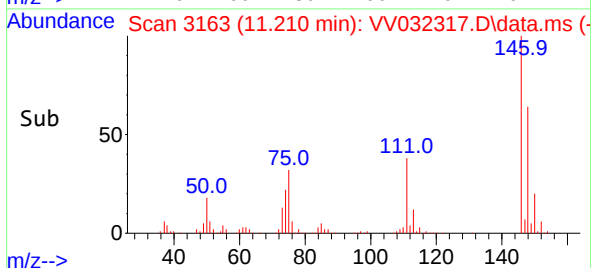
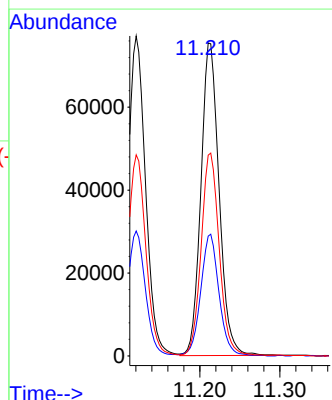
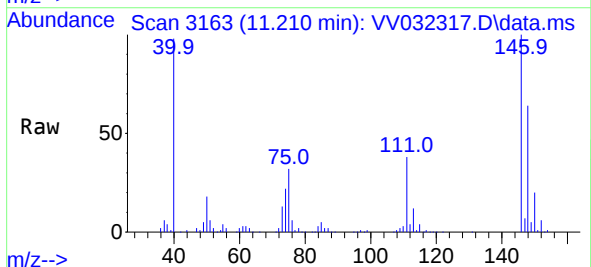
Instrument :
MSVOA_V
ClientSampleId :

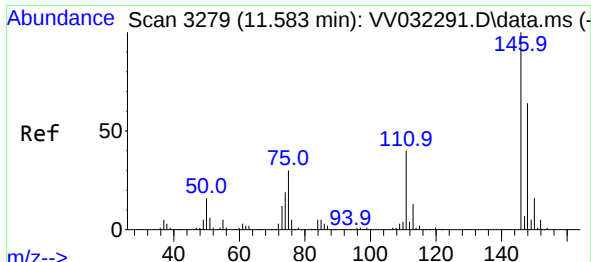
Tgt Ion:146 Resp: 118552
Ion Ratio Lower Upper
146 100
111 39.0 27.8 51.6
148 62.8 43.7 81.1



#65
1,4-Dichlorobenzene
Concen: 5.233 ug/L
RT: 11.210 min Scan# 3163
Delta R.T. 0.000 min
Lab File: VV032317.D
Acq: 09 Oct 2023 09:55

Tgt Ion:146 Resp: 119672
Ion Ratio Lower Upper
146 100
111 38.3 26.9 49.9
148 64.2 44.8 83.2





#67

1,2-Dichlorobenzene

Concen: 5.251 ug/L

RT: 11.583 min Scan# 31

Delta R.T. 0.000 min

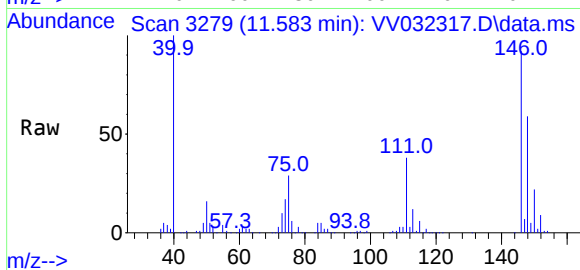
Lab File: VV032317.D

Acq: 09 Oct 2023 09:55

Instrument :

MSVOA_V

ClientSampleId :



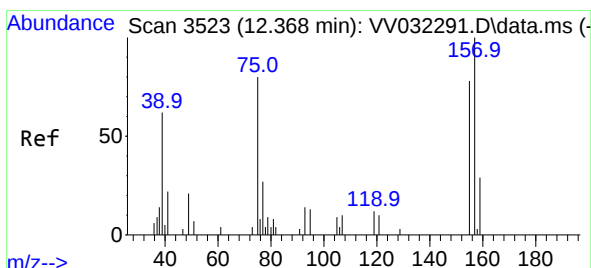
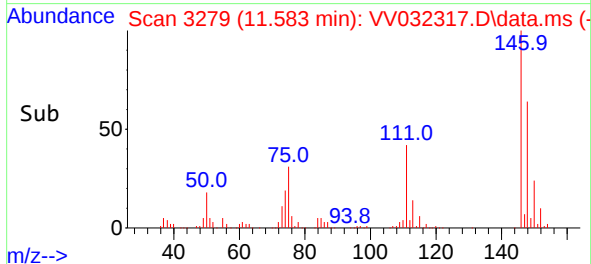
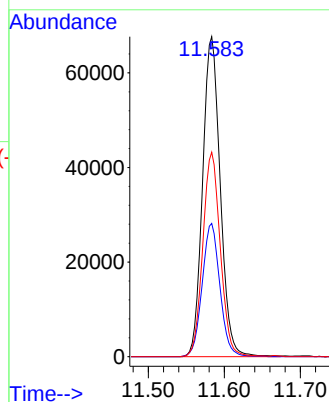
Tgt Ion:146 Resp: 109163

Ion Ratio Lower Upper

146 100

111 41.7 32.8 49.2

148 63.9 51.0 76.4



#68

1,2-Dibromo-3-chloropropane

Concen: 4.905 ug/L

RT: 12.368 min Scan# 3523

Delta R.T. 0.000 min

Lab File: VV032317.D

Acq: 09 Oct 2023 09:55

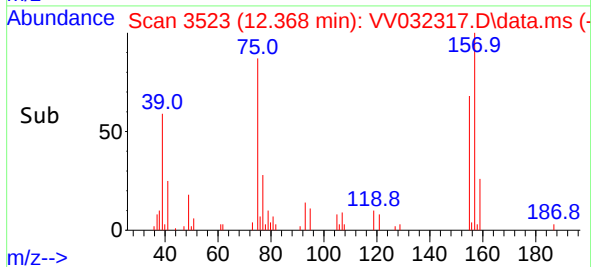
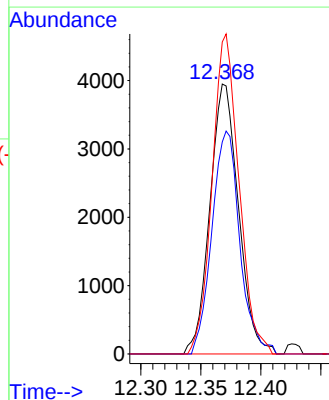
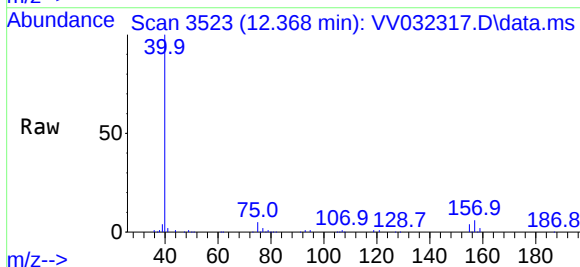
Tgt Ion: 75 Resp: 6549

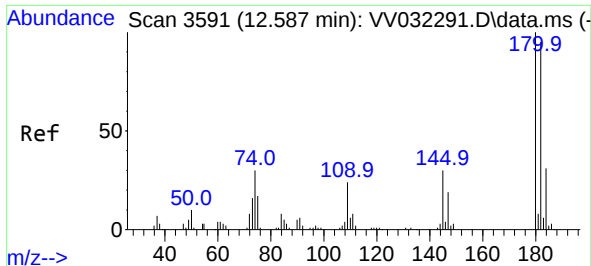
Ion Ratio Lower Upper

75 100

155 78.5 70.2 105.4

157 115.6 90.6 135.8





#69

1,3,5-Trichlorobenzene

Concen: 5.201 ug/L

RT: 12.587 min Scan# 3591

Delta R.T. 0.000 min

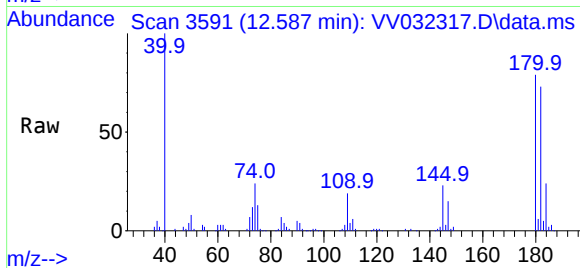
Lab File: VV032317.D

Acq: 09 Oct 2023 09:55

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion:180 Resp: 86813

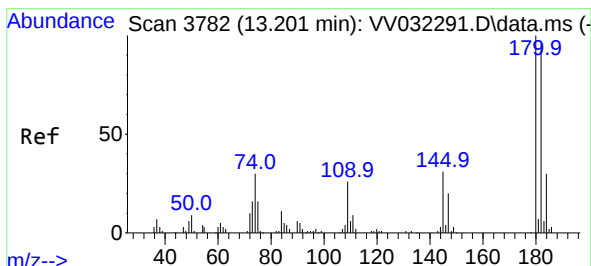
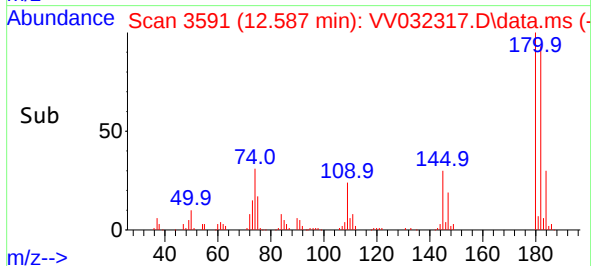
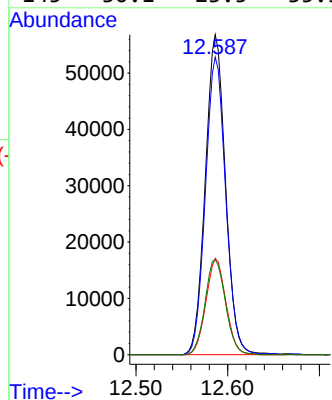
Ion Ratio Lower Upper

180 100

182 93.3 74.6 112.0

184 29.7 24.1 36.1

145 30.1 23.5 35.3



#70

1,2,4-trichlorobenzene

Concen: 4.895 ug/L

RT: 13.201 min Scan# 3782

Delta R.T. -0.000 min

Lab File: VV032317.D

Acq: 09 Oct 2023 09:55

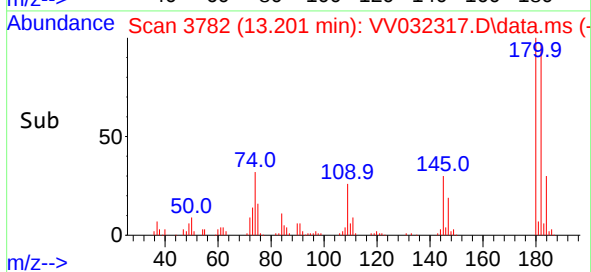
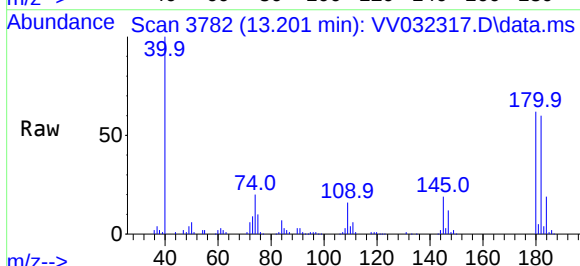
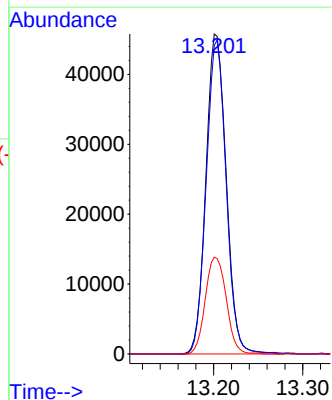
Tgt Ion:180 Resp: 72478

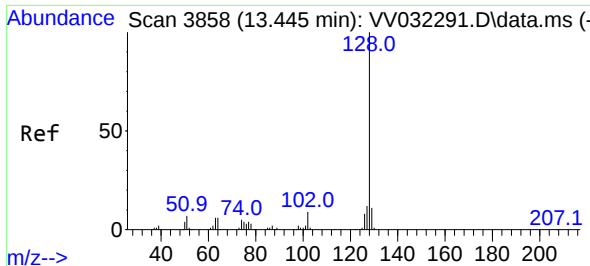
Ion Ratio Lower Upper

180 100

182 96.3 76.5 114.7

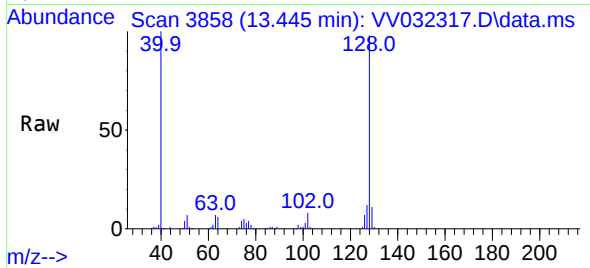
145 31.2 24.3 36.5



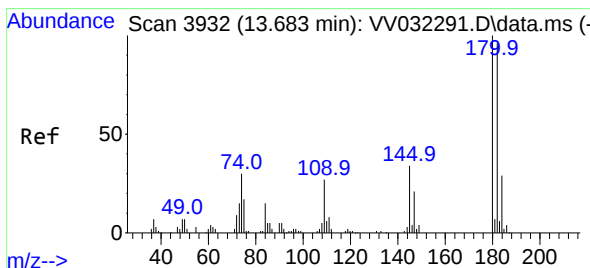
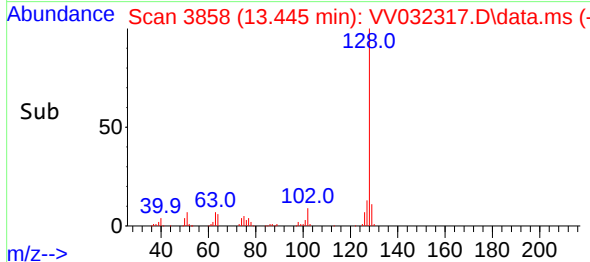
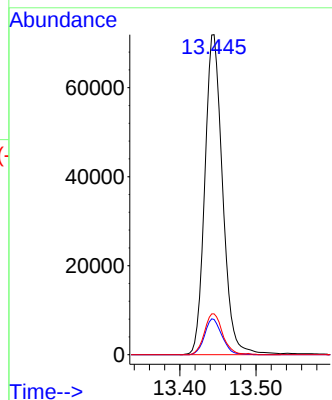


#71
Naphthalene
Concen: 4.644 ug/L
RT: 13.445 min Scan# 3858
Delta R.T. 0.000 min
Lab File: VV032317.D
Acq: 09 Oct 2023 09:55

Instrument :
MSVOA_V
ClientSampleId :



Tgt Ion:128 Resp: 116823
Ion Ratio Lower Upper
128 100
129 11.0 9.0 13.4
127 13.1 10.2 15.2



#72
1,2,3-Trichlorobenzene
Concen: 5.115 ug/L
RT: 13.686 min Scan# 3933
Delta R.T. 0.003 min
Lab File: VV032317.D
Acq: 09 Oct 2023 09:55

Tgt Ion:180 Resp: 65257
Ion Ratio Lower Upper
180 100
182 94.6 77.0 115.4
145 32.6 25.7 38.5

