

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW040523\
 Data File : VW030393.D
 Acq On : 05 Apr 2023 10:38
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005320

Quant Time: Apr 06 05:26:16 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR032323WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Mar 31 05:37:21 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.542	114	148655	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.792	117	143434	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.194	152	86505	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.281	65	43221	4.390	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	87.800%
7) Chloroethane-d5	1.535	69	39922	4.178	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	83.600%
11) 1,1-Dichloroethene-d2	2.066	63	109334	4.680	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	93.600%
20) 2-Butanone-d5	3.825	46	105712	41.541	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	83.080%
24) Chloroform-d	4.259	84	108180	4.540	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.800%
26) 1,2-Dichloroethane-d4	4.953	65	52185	4.642	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.800%
32) Benzene-d6	4.969	84	188869	4.673	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.400%
36) 1,2-Dichloropropane-d6	5.995	67	56956	4.501	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	90.000%
41) Toluene-d8	7.252	98	181279	4.884	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.600%
43) trans-1,3-Dichloroprop...	7.561	79	20531	4.309	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	86.200%
46) 2-Hexanone-d5	8.034	63	83434	43.581	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	87.160%
56) 1,1,2,2-Tetrachloroeth...	10.162	84	43674	4.379	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	87.600%
66) 1,2-Dichlorobenzene-d4	11.570	152	69114	4.470	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	89.400%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.108	85	89956	4.760	ug/L	100
3) Chloromethane	1.217	50	111549	4.678	ug/L	99
5) Vinyl chloride	1.285	62	81777	4.704	ug/L	99
6) Bromomethane	1.490	94	22095	4.456	ug/L	97
8) Chloroethane	1.551	64	47611	4.781	ug/L	100
9) Trichlorofluoromethane	1.715	101	131563	5.191	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.072	101	69602	4.976	ug/L	99
12) 1,1-Dichloroethene	2.072	96	62441	5.027	ug/L	96
13) Acetone	2.156	43	131382	53.990	ug/L	84
14) Carbon disulfide	2.246	76	195026	4.767	ug/L	99
15) Methyl Acetate	2.394	43	21890	5.034	ug/L	97
16) Methylene chloride	2.452	84	69451	4.727	ug/L	98
17) Methyl tert-butyl Ether	2.712	73	131378	4.994	ug/L	99
18) trans-1,2-Dichloroethene	2.699	96	64360	4.919	ug/L	97
19) 1,1-Dichloroethane	3.117	63	123825	4.881	ug/L	98
21) 2-Butanone	3.905	43	159149	51.961	ug/L	97
22) cis-1,2-Dichloroethene	3.825	96	65570	4.993	ug/L	99
23) Bromochloromethane	4.156	128	30784	5.019	ug/L	96
25) Chloroform	4.285	83	132092	5.153	ug/L	94

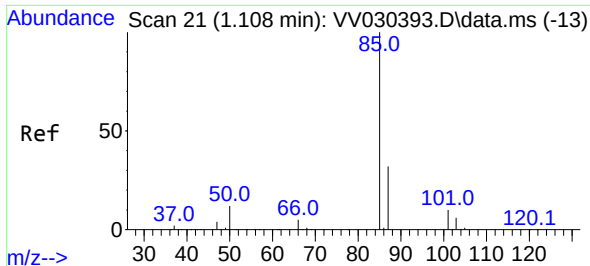
Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW040523\
 Data File : VW030393.D
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 Quant Title : TRACE VOA SFAM1.0
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.050	62	80922	5.221	ug/L	98
29) 1,1,1-Trichloroethane	4.519	97	121382	5.265	ug/L	99
30) Cyclohexane	4.590	56	102758	4.893	ug/L	99
31) Carbon tetrachloride	4.744	117	109443	5.232	ug/L	99
33) Benzene	5.018	78	265037	5.202	ug/L	100
34) Trichloroethene	5.841	95	68366	4.976	ug/L	99
35) Methylcyclohexane	6.059	83	108348	5.024	ug/L	99
37) 1,2-Dichloropropane	6.101	63	66681	5.098	ug/L	99
38) Bromodichloromethane	6.442	83	87562	5.112	ug/L	99
39) cis-1,3-Dichloropropene	6.960	75	90377	4.914	ug/L	99
40) 4-Methyl-2-pentanone	7.169	43	361239	52.415	ug/L	99
42) Toluene	7.323	91	292290	5.387	ug/L	100
44) trans-1,3-Dichloropropene	7.590	75	77807	4.972	ug/L	99
45) 1,1,2-Trichloroethane	7.776	97	45866	4.981	ug/L	96
47) Tetrachloroethene	7.911	164	61780	5.095	ug/L	96
48) 2-Hexanone	8.085	43	276362	53.543	ug/L	98
49) Dibromochloromethane	8.185	129	56288	5.135	ug/L	96
50) 1,2-Dibromoethane	8.291	107	42678	5.094	ug/L	94
51) Chlorobenzene	8.821	112	182375	5.249	ug/L	98
52) Ethylbenzene	8.953	91	306435	5.162	ug/L	99
53) m,p-Xylene	9.082	106	121818	5.360	ug/L	98
54) o-Xylene	9.487	106	112680	5.182	ug/L	98
55) Styrene	9.503	104	200831	5.438	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.185	83	54238	4.962	ug/L	98
59) Bromoform	9.673	173	33316	4.765	ug/L	99
60) Isopropylbenzene	9.876	105	316732	4.965	ug/L	100
61) 1,2,3-Trichloropropane	10.217	75	37214	4.812	ug/L	97
62) 1,3,5-Trimethylbenzene	10.484	105	254969	4.898	ug/L	99
63) 1,2,4-Trimethylbenzene	10.860	105	264641	4.988	ug/L	100
64) 1,3-Dichlorobenzene	11.127	146	162698	5.114	ug/L	99
65) 1,4-Dichlorobenzene	11.217	146	160925	5.021	ug/L	99
67) 1,2-Dichlorobenzene	11.586	146	143642	5.011	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.374	75	8468	4.402	ug/L	88
69) 1,3,5-Trichlorobenzene	12.590	180	124498	5.083	ug/L	98
70) 1,2,4-trichlorobenzene	13.207	180	95911	5.072	ug/L	100
71) Naphthalene	13.448	128	124885	4.624	ug/L	100
72) 1,2,3-Trichlorobenzene	13.689	180	81789	4.992	ug/L	98

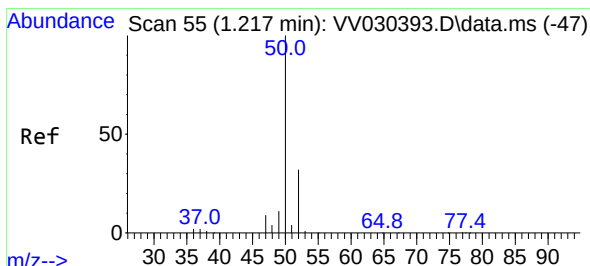
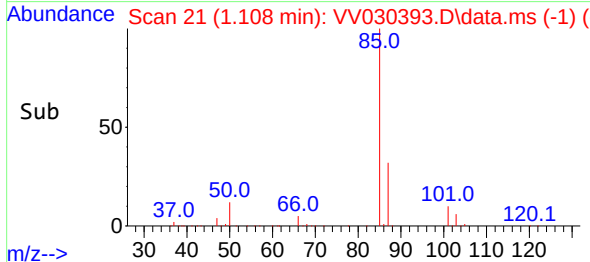
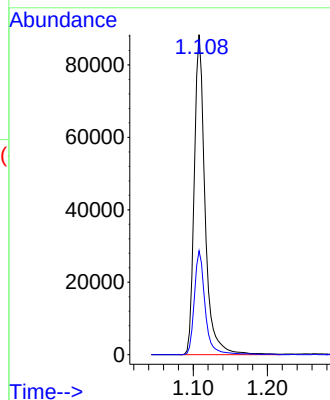
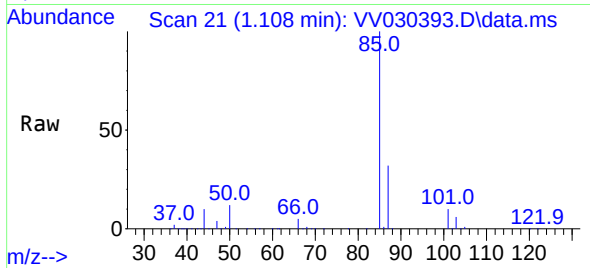
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#2
Dichlorodifluoromethane
Concen: 4.760 ug/L
RT: 1.108 min Scan# 21
Delta R.T. -0.000 min
Lab File: VV030393.D
Acq: 05 Apr 2023 10:38

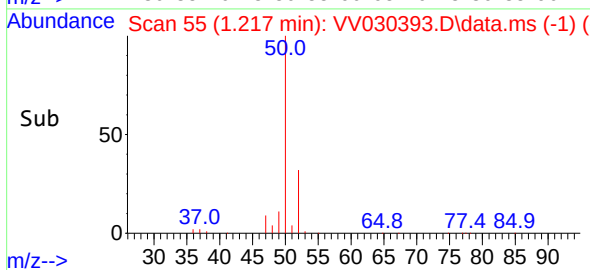
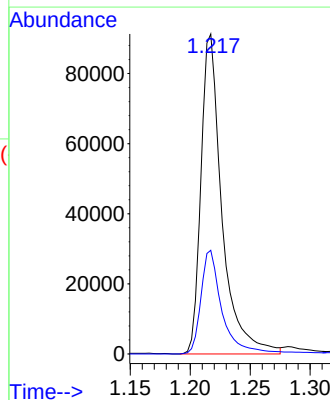
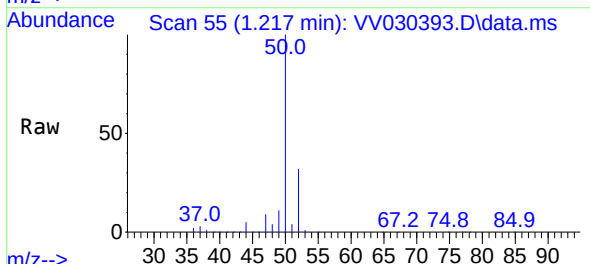
Instrument :
MSVOA_V
ClientSampleId :
VSTD005320

Tgt Ion: 85 Resp: 89956
Ion Ratio Lower Upper
85 100
87 32.1 25.6 38.4

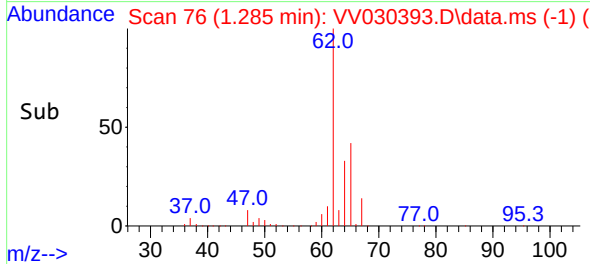
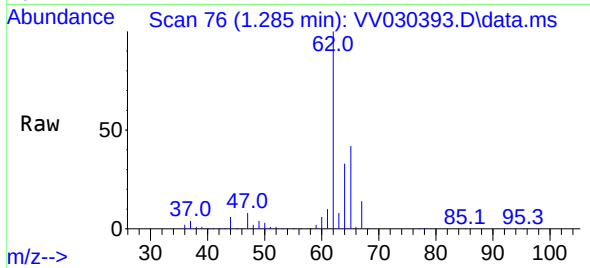
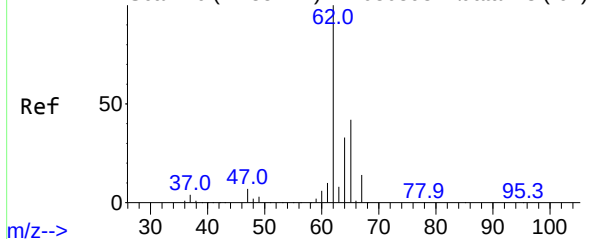


#3
Chloromethane
Concen: 4.678 ug/L
RT: 1.217 min Scan# 55
Delta R.T. -0.000 min
Lab File: VV030393.D
Acq: 05 Apr 2023 10:38

Tgt Ion: 50 Resp: 111549
Ion Ratio Lower Upper
50 100
52 32.4 22.3 41.5



Abundance Scan 76 (1.285 min): VV030393.D\data.ms (-67)



#5

Vinyl chloride

Concen: 4.704 ug/L

RT: 1.285 min Scan# 76

Delta R.T. -0.000 min

Lab File: VV030393.D

Acq: 05 Apr 2023 10:38

Instrument :

MSVOA_V

ClientSampleId :

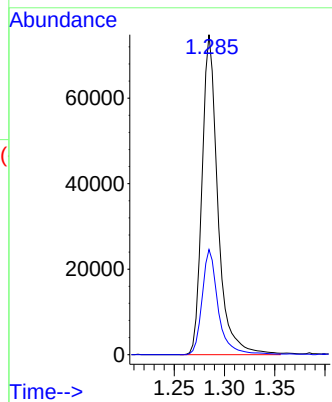
VSTD005320

Tgt Ion: 62 Resp: 81777

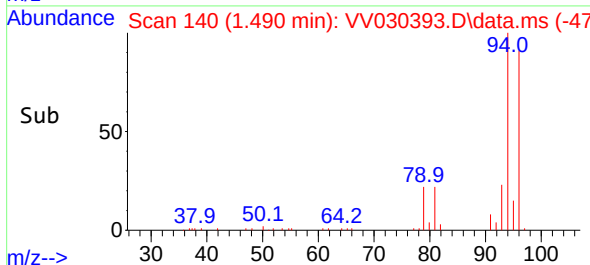
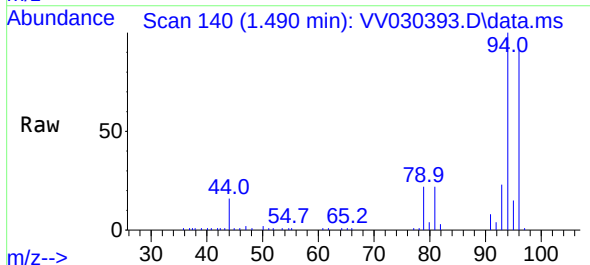
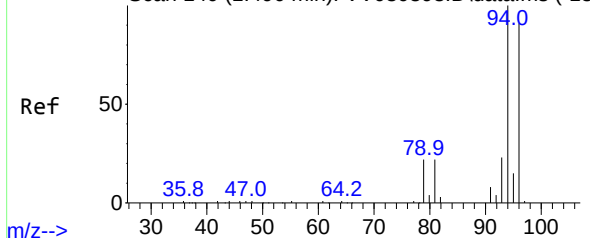
Ion Ratio Lower Upper

62 100

64 32.9 23.2 43.2



Abundance Scan 140 (1.490 min): VV030393.D\data.ms (-13)



#6

Bromomethane

Concen: 4.456 ug/L

RT: 1.490 min Scan# 140

Delta R.T. -0.000 min

Lab File: VV030393.D

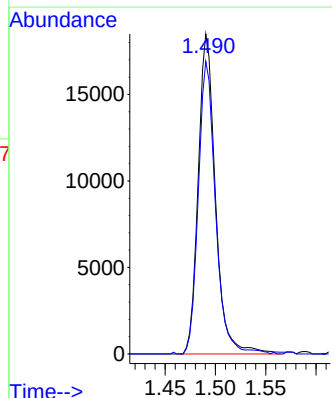
Acq: 05 Apr 2023 10:38

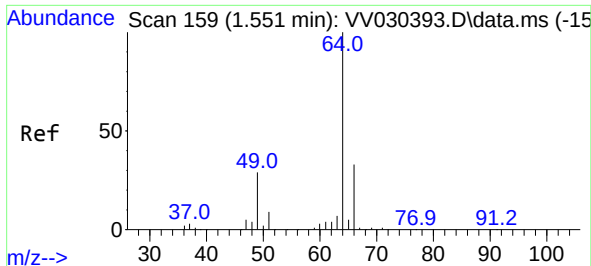
Tgt Ion: 94 Resp: 22095

Ion Ratio Lower Upper

94 100

96 91.4 66.1 122.7

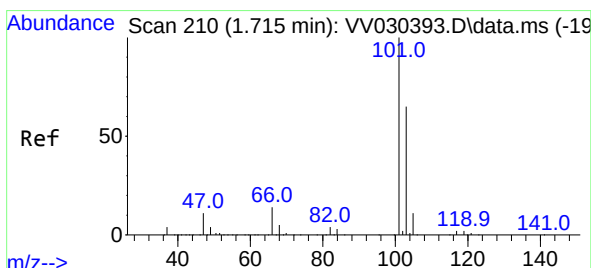
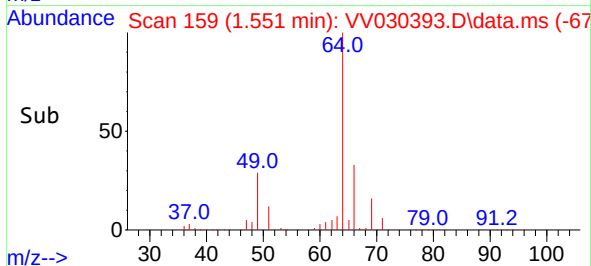
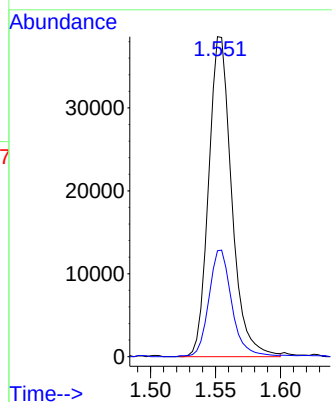
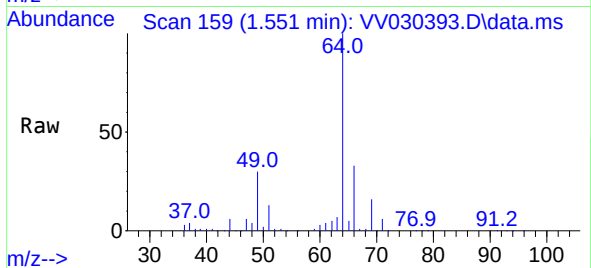




#8
Chloroethane
Concen: 4.781 ug/L
RT: 1.551 min Scan# 11
Delta R.T. -0.003 min
Lab File: VV030393.D
Acq: 05 Apr 2023 10:38

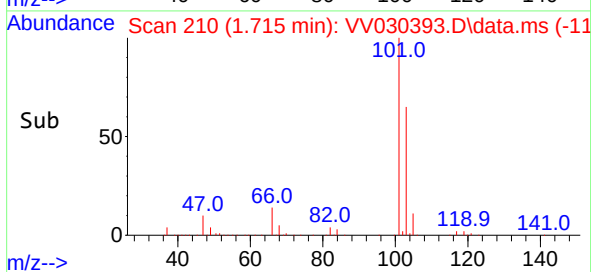
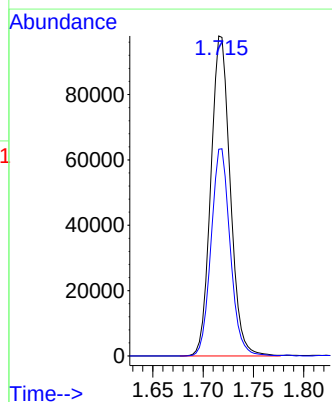
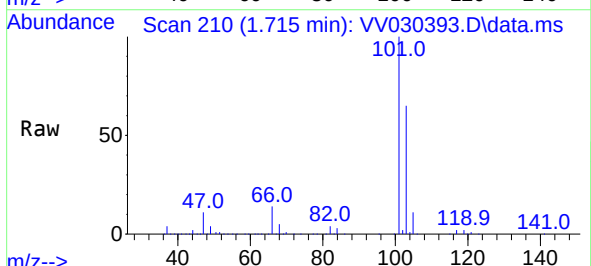
Instrument :
MSVOA_V
ClientSampleId :
VSTD005320

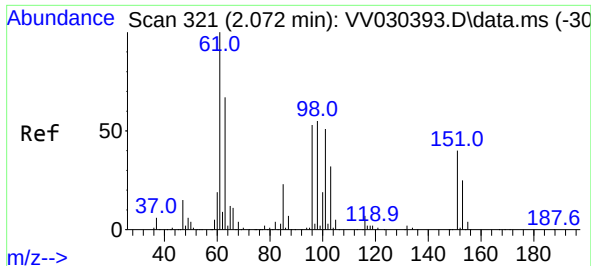
Tgt Ion: 64 Resp: 47611
Ion Ratio Lower Upper
64 100
66 33.1 23.0 42.8



#9
Trichlorofluoromethane
Concen: 5.191 ug/L
RT: 1.715 min Scan# 210
Delta R.T. -0.003 min
Lab File: VV030393.D
Acq: 05 Apr 2023 10:38

Tgt Ion:101 Resp: 131563
Ion Ratio Lower Upper
101 100
103 63.9 51.0 76.6

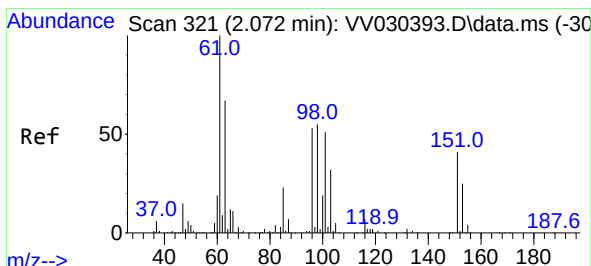
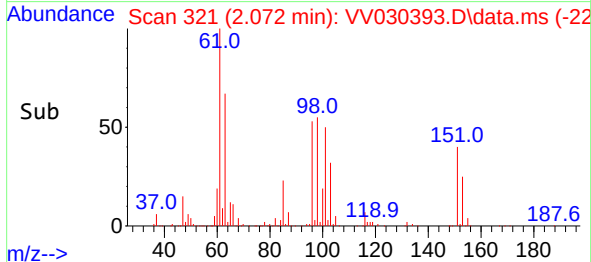
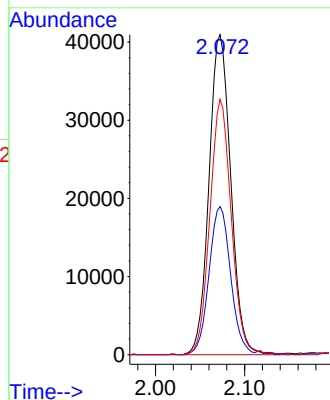
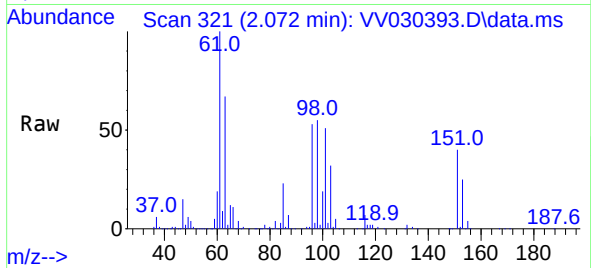




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 4.976 ug/L
RT: 2.072 min Scan# 321
Delta R.T. -0.000 min
Lab File: VV030393.D
Acq: 05 Apr 2023 10:38

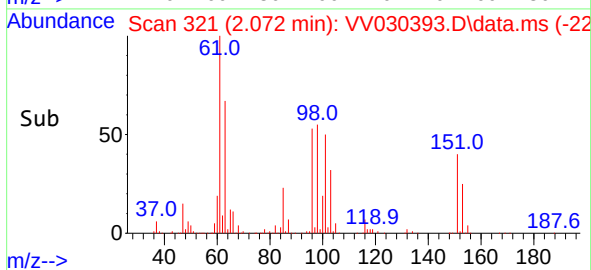
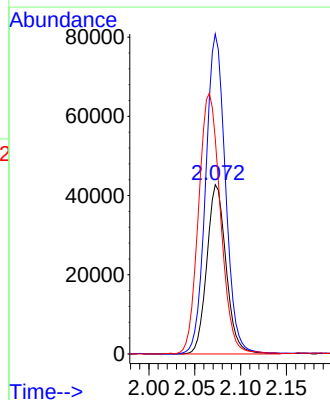
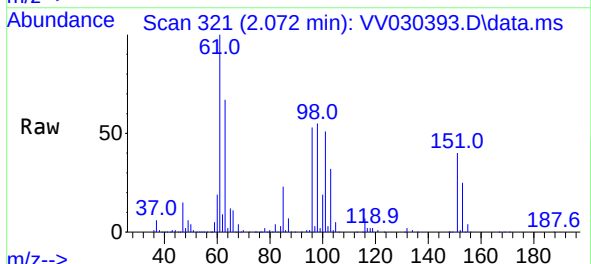
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ClientSampleId :
VSTD005320

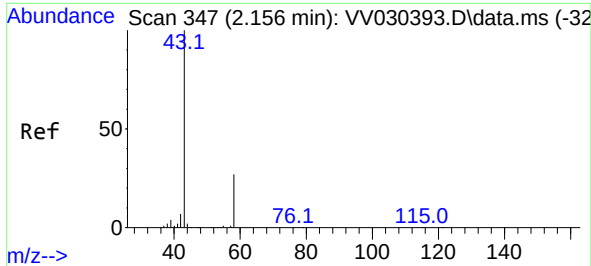
Tgt Ion:101 Resp: 69602
Ion Ratio Lower Upper
101 100
85 45.9 38.1 57.1
151 78.5 62.7 94.1



#12
1,1-Dichloroethene
Concen: 5.027 ug/L
RT: 2.072 min Scan# 321
Delta R.T. -0.003 min
Lab File: VV030393.D
Acq: 05 Apr 2023 10:38

Tgt Ion: 96 Resp: 62441
Ion Ratio Lower Upper
96 100
61 189.1 136.3 253.1
63 127.3 92.1 171.1





#13

Acetone

Concen: 53.990 ug/L

RT: 2.156 min Scan# 347

Delta R.T. 0.009 min

Lab File: VV030393.D

Acq: 05 Apr 2023 10:38

Instrument :

MSVOA_V

ClientSampleId :

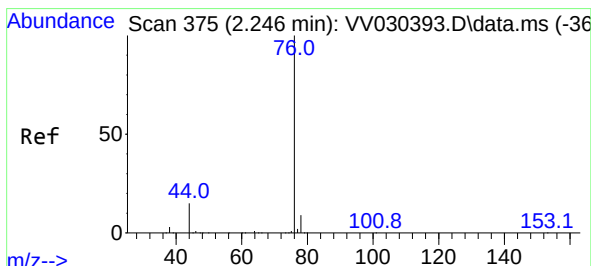
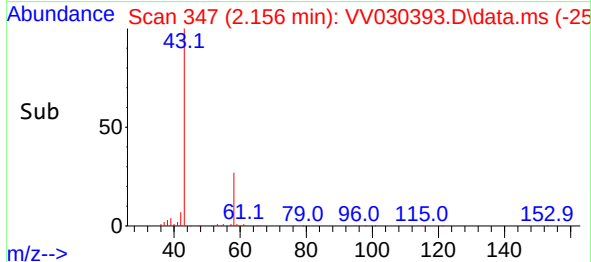
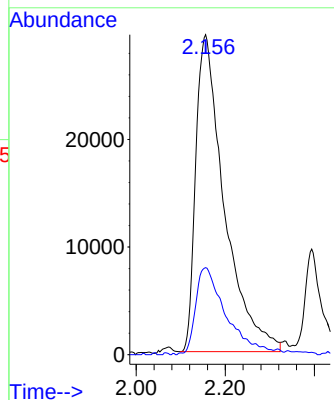
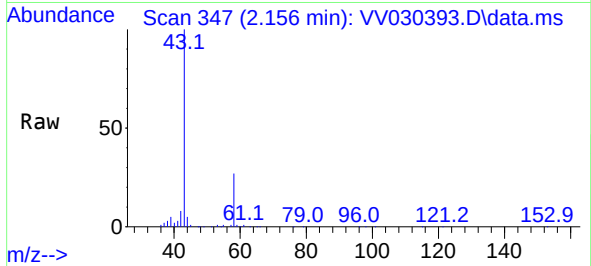
VSTD005320

Tgt Ion: 43 Resp: 131382

Ion Ratio Lower Upper

43 100

58 27.8 0.0 40.8



#14

Carbon disulfide

Concen: 4.767 ug/L

RT: 2.246 min Scan# 375

Delta R.T. -0.000 min

Lab File: VV030393.D

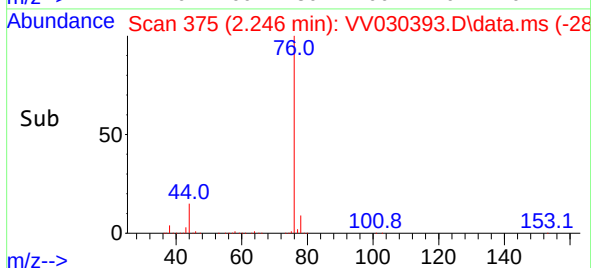
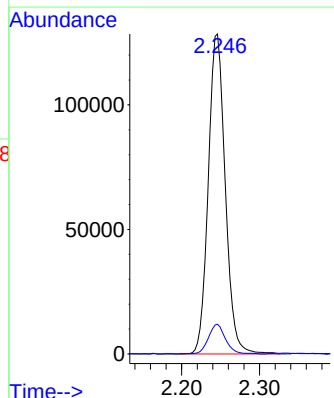
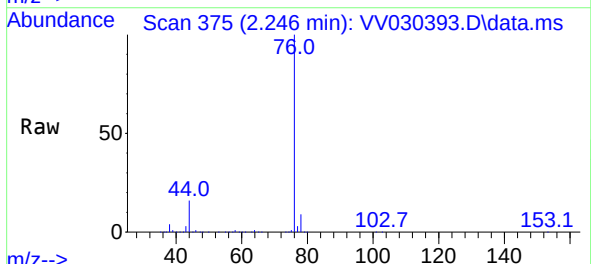
Acq: 05 Apr 2023 10:38

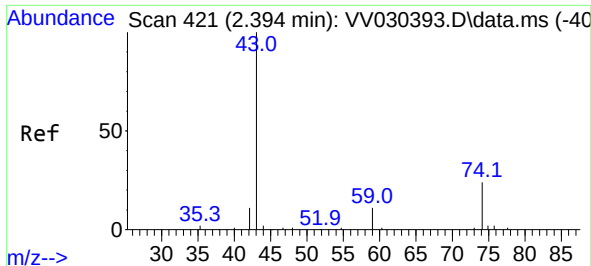
Tgt Ion: 76 Resp: 195026

Ion Ratio Lower Upper

76 100

78 9.3 7.3 10.9

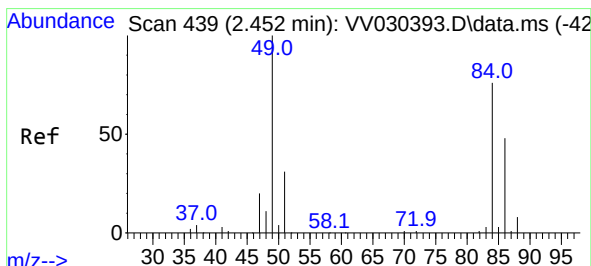
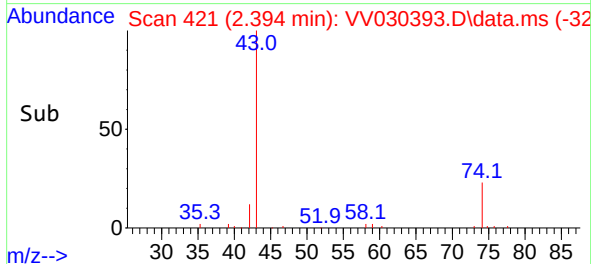
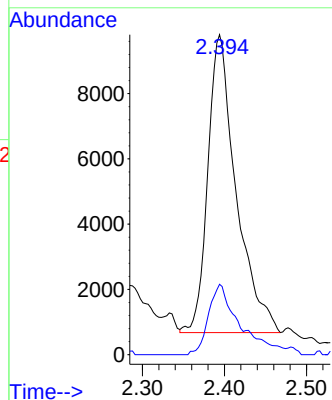
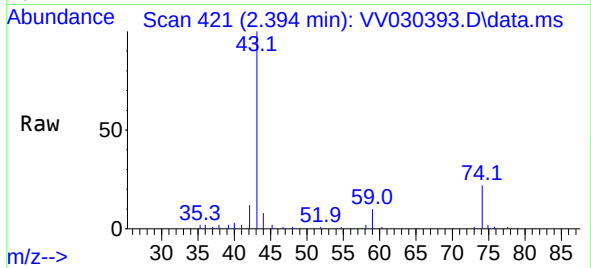




#15
Methyl Acetate
Concen: 5.034 ug/L
RT: 2.394 min Scan# 41
Delta R.T. 0.003 min
Lab File: VV030393.D
Acq: 05 Apr 2023 10:38

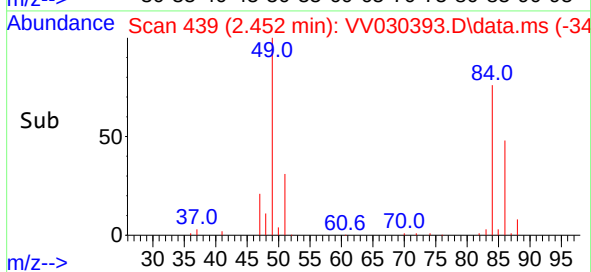
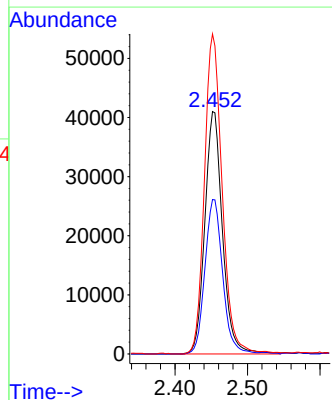
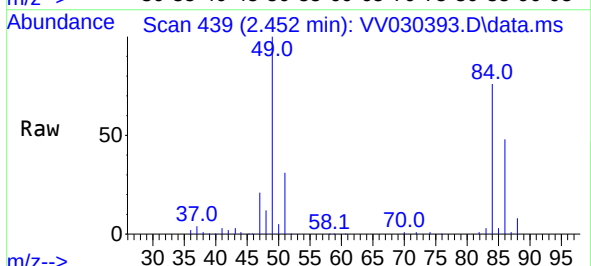
Instrument :
MSVOA_V
ClientSampleId :
VSTD005320

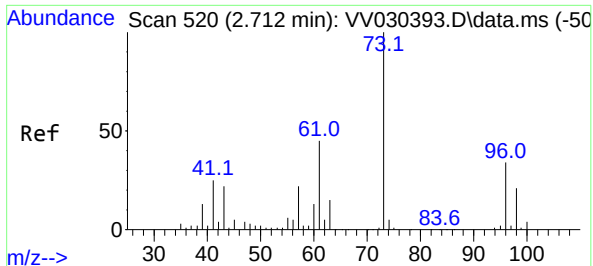
Tgt Ion: 43 Resp: 21890
Ion Ratio Lower Upper
43 100
74 26.2 22.1 33.1



#16
Methylene chloride
Concen: 4.727 ug/L
RT: 2.452 min Scan# 439
Delta R.T. -0.000 min
Lab File: VV030393.D
Acq: 05 Apr 2023 10:38

Tgt Ion: 84 Resp: 69451
Ion Ratio Lower Upper
84 100
86 63.7 44.0 81.6
49 132.0 90.6 168.3

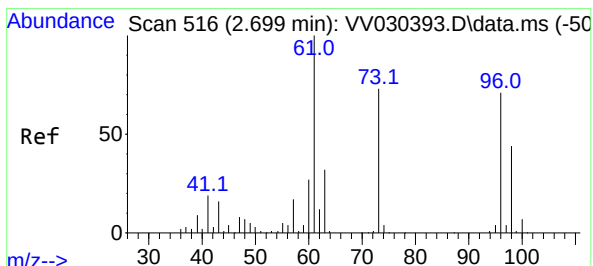
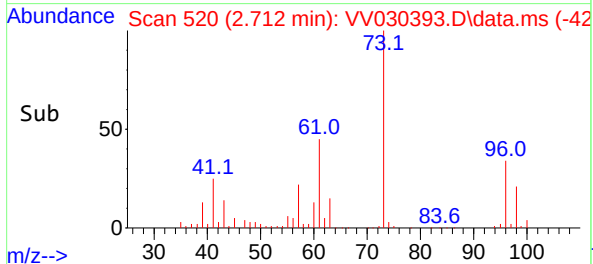
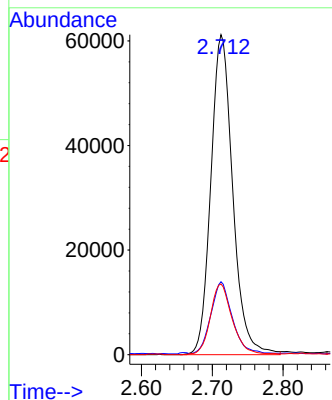
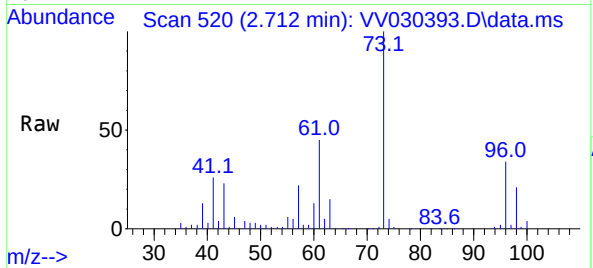




#17
Methyl tert-butyl Ether
Concen: 4.994 ug/L
RT: 2.712 min Scan# 517
Delta R.T. -0.000 min
Lab File: VV030393.D
Acq: 05 Apr 2023 10:38

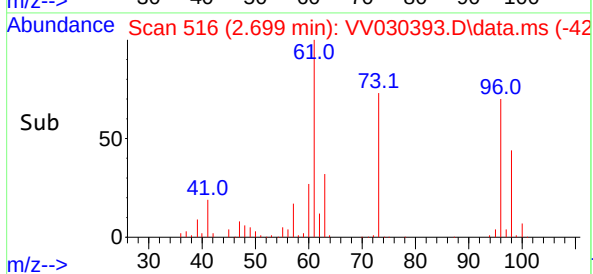
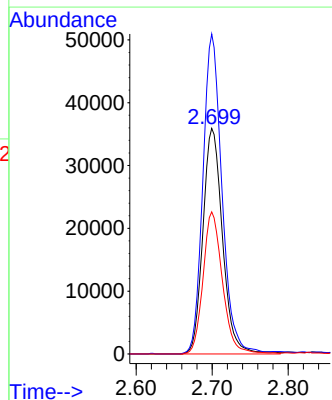
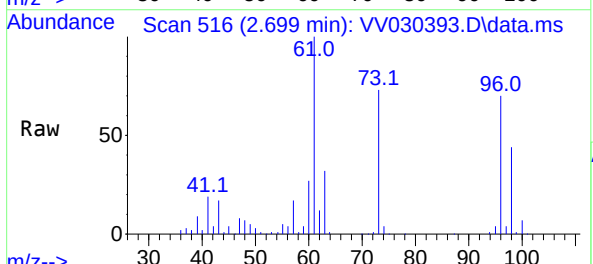
Instrument :
MSVOA_V
ClientSampleId :
VSTD005320

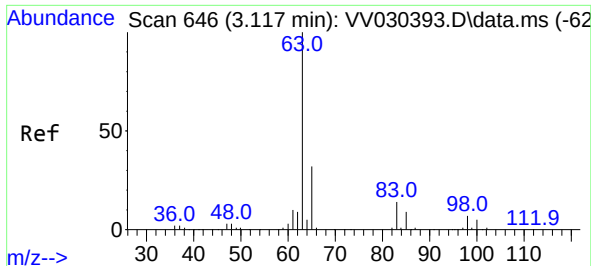
Tgt Ion: 73 Resp: 131378
Ion Ratio Lower Upper
73 100
43 21.8 17.4 26.2
57 22.1 18.3 27.5



#18
trans-1,2-Dichloroethene
Concen: 4.919 ug/L
RT: 2.699 min Scan# 516
Delta R.T. -0.000 min
Lab File: VV030393.D
Acq: 05 Apr 2023 10:38

Tgt Ion: 96 Resp: 64360
Ion Ratio Lower Upper
96 100
61 141.8 101.7 188.9
98 63.0 45.8 85.2

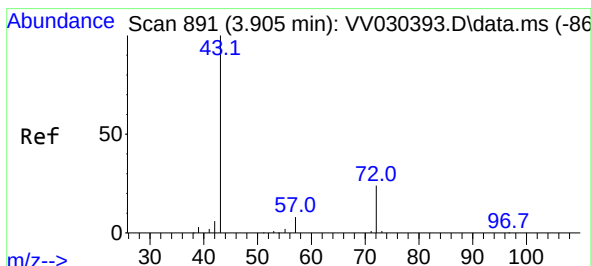
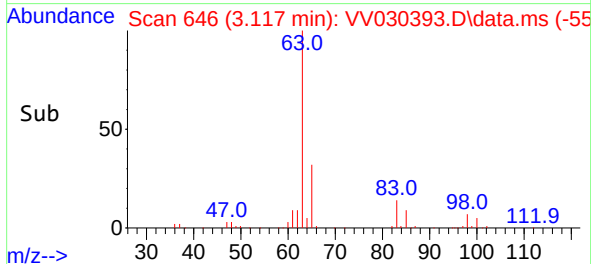
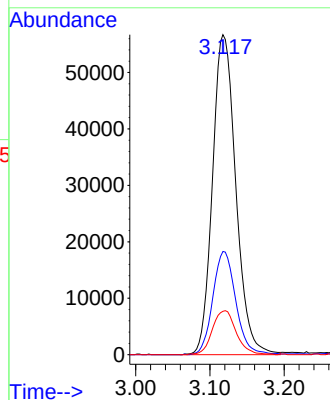
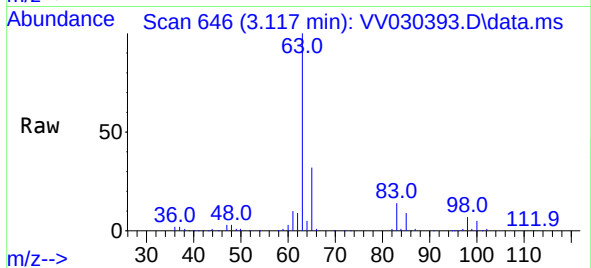




#19
1,1-Dichloroethane
Concen: 4.881 ug/L
RT: 3.117 min Scan# 646
Delta R.T. -0.000 min
Lab File: VV030393.D
Acq: 05 Apr 2023 10:38

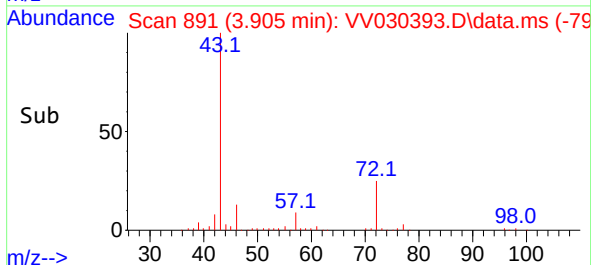
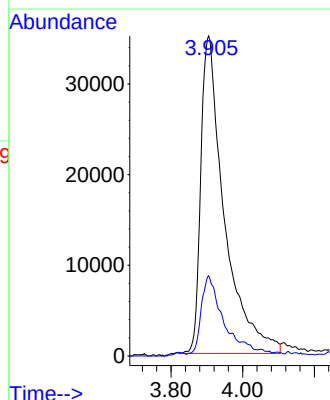
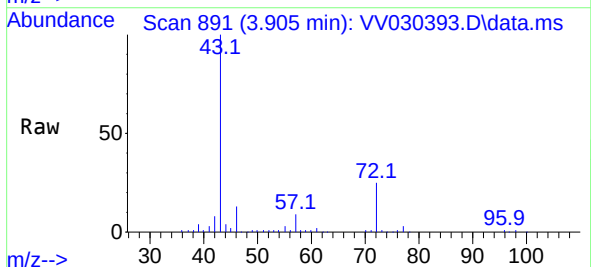
Instrument :
MSVOA_V
ClientSampleId :
VSTD005320

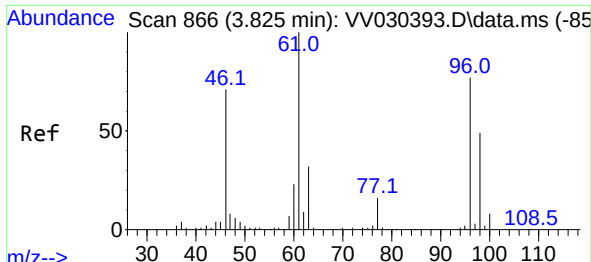
Tgt Ion: 63 Resp: 123825
Ion Ratio Lower Upper
63 100
65 32.2 21.7 40.3
83 13.5 9.1 16.9



#21
2-Butanone
Concen: 51.961 ug/L
RT: 3.905 min Scan# 891
Delta R.T. 0.009 min
Lab File: VV030393.D
Acq: 05 Apr 2023 10:38

Tgt Ion: 43 Resp: 159149
Ion Ratio Lower Upper
43 100
72 21.0 11.2 33.5

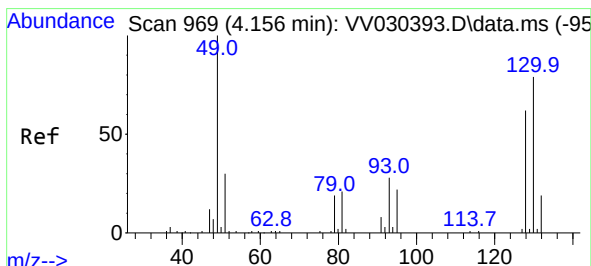
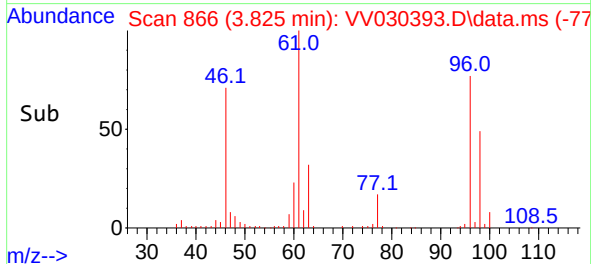
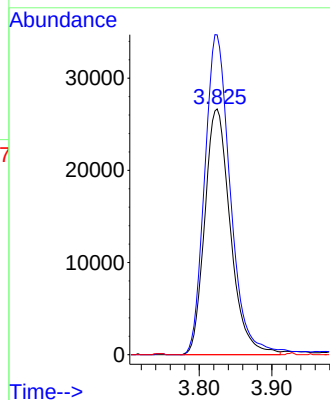
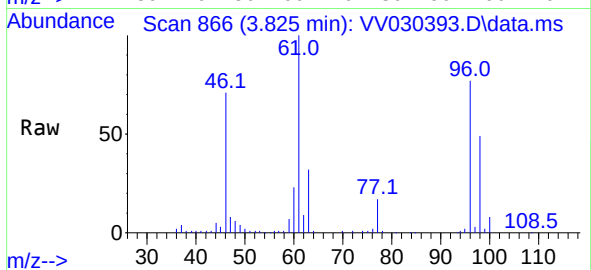




#22
cis-1,2-Dichloroethene
Concen: 4.993 ug/L
RT: 3.825 min Scan# 866
Delta R.T. -0.000 min
Lab File: VV030393.D
Acq: 05 Apr 2023 10:38

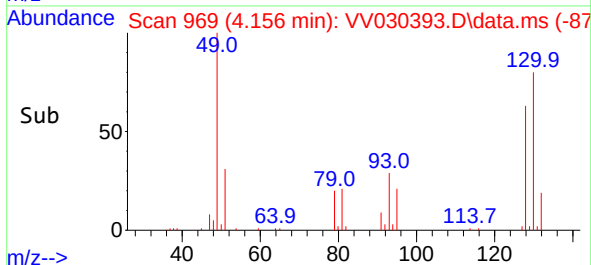
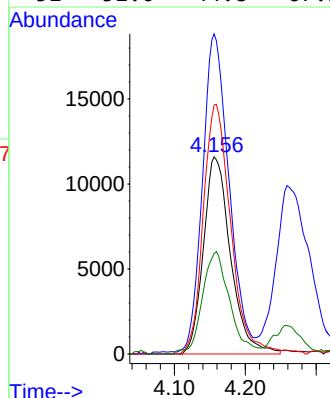
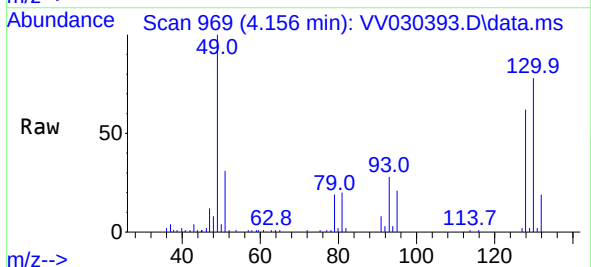
Instrument :
MSVOA_V
ClientSampleId :
VSTD005320

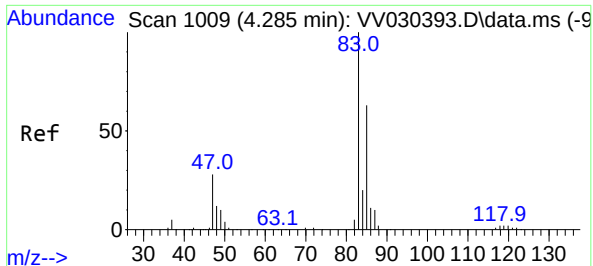
Tgt Ion: 96 Resp: 65570
Ion Ratio Lower Upper
96 100
61 130.1 92.0 170.8
68 0.0 0.0 0.0



#23
Bromochloromethane
Concen: 5.019 ug/L
RT: 4.156 min Scan# 969
Delta R.T. -0.000 min
Lab File: VV030393.D
Acq: 05 Apr 2023 10:38

Tgt Ion: 128 Resp: 30784
Ion Ratio Lower Upper
128 100
49 162.4 119.4 221.8
130 126.3 89.2 165.8
51 51.0 44.8 67.2





#25

Chloroform

Concen: 5.153 ug/L

RT: 4.285 min Scan# 1009

Delta R.T. -0.000 min

Lab File: VV030393.D

Acq: 05 Apr 2023 10:38

Instrument :

MSVOA_V

ClientSampleId :

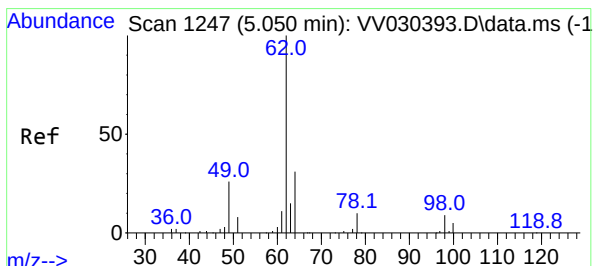
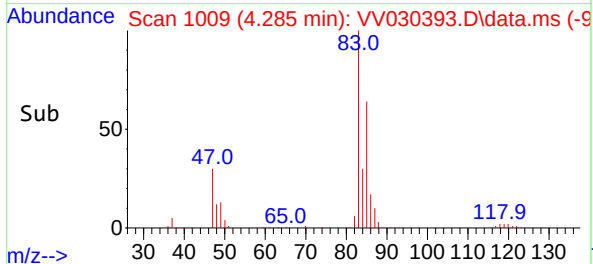
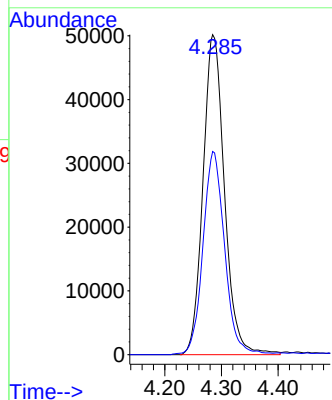
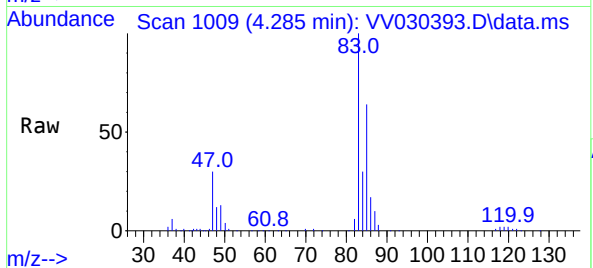
VSTD005320

Tgt Ion: 83 Resp: 132092

Ion Ratio Lower Upper

83 100

85 63.5 47.6 88.4



#27

1,2-Dichloroethane

Concen: 5.221 ug/L

RT: 5.050 min Scan# 1247

Delta R.T. -0.000 min

Lab File: VV030393.D

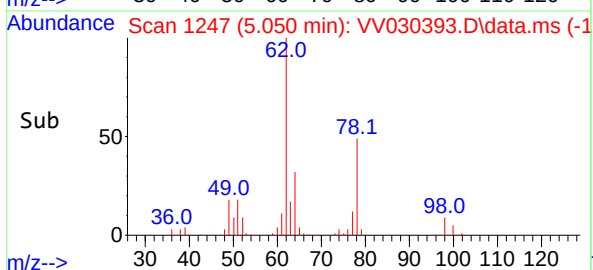
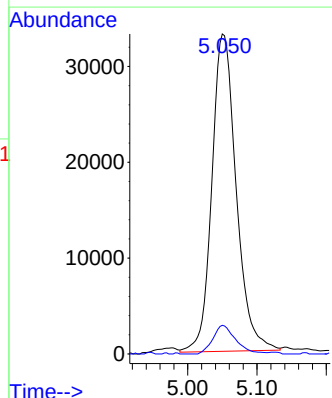
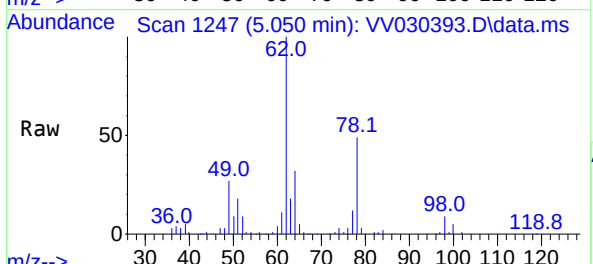
Acq: 05 Apr 2023 10:38

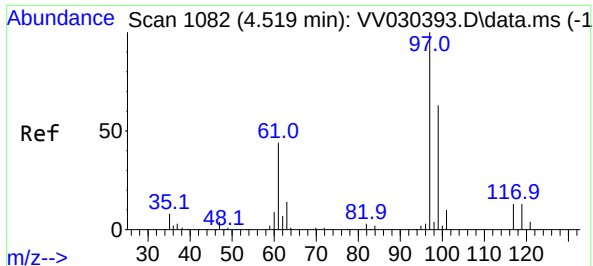
Tgt Ion: 62 Resp: 80922

Ion Ratio Lower Upper

62 100

98 8.9 7.8 11.8

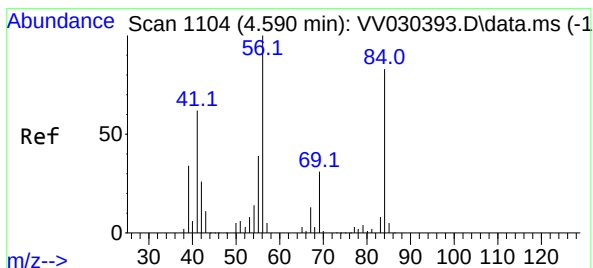
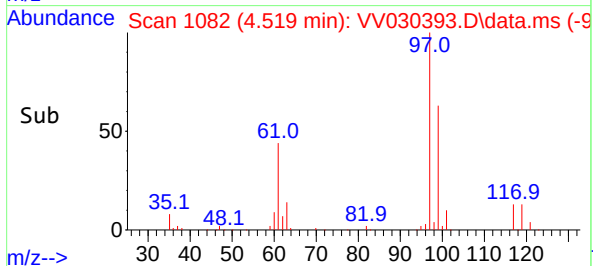
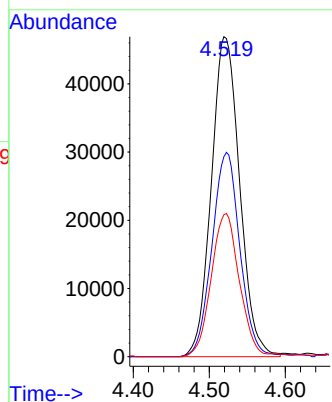
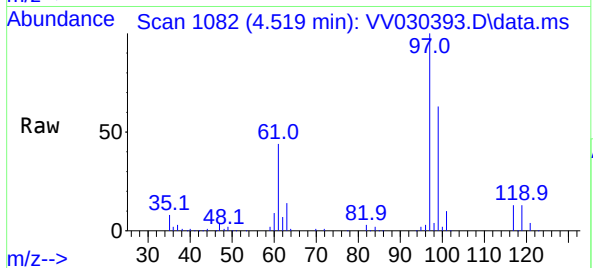




#29
1,1,1-Trichloroethane
Concen: 5.265 ug/L
RT: 4.519 min Scan# 1082
Delta R.T. -0.003 min
Lab File: VV030393.D
Acq: 05 Apr 2023 10:38

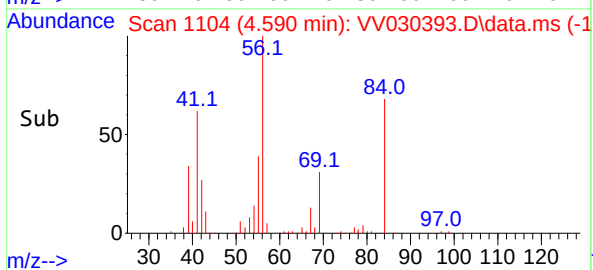
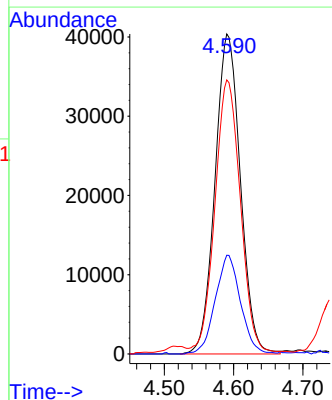
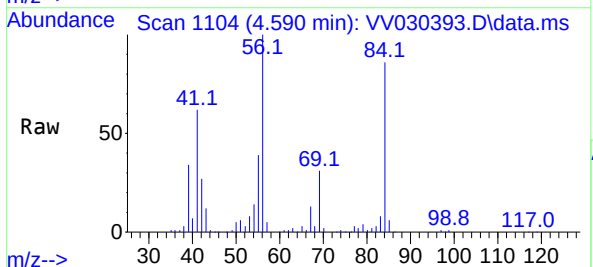
Instrument :
MSVOA_V
ClientSampleId :
VSTD005320

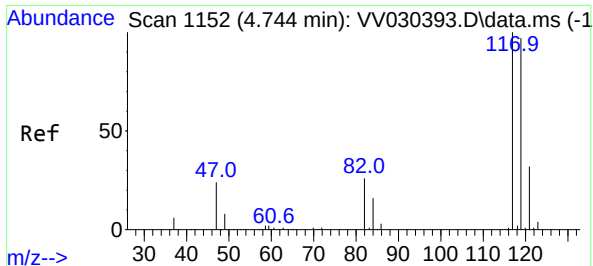
Tgt Ion: 97 Resp: 121382
Ion Ratio Lower Upper
97 100
99 63.0 50.9 76.3
61 44.3 35.9 53.9



#30
Cyclohexane
Concen: 4.893 ug/L
RT: 4.590 min Scan# 1104
Delta R.T. -0.003 min
Lab File: VV030393.D
Acq: 05 Apr 2023 10:38

Tgt Ion: 56 Resp: 102758
Ion Ratio Lower Upper
56 100
69 30.7 24.2 36.2
84 84.6 66.6 100.0

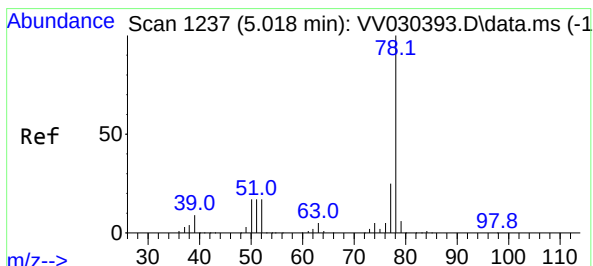
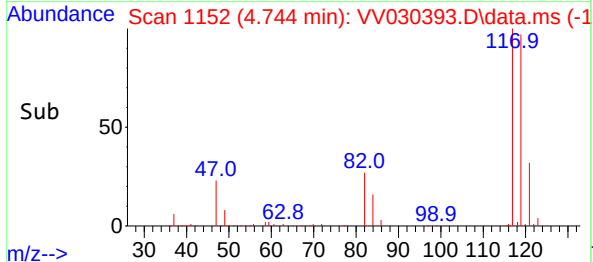
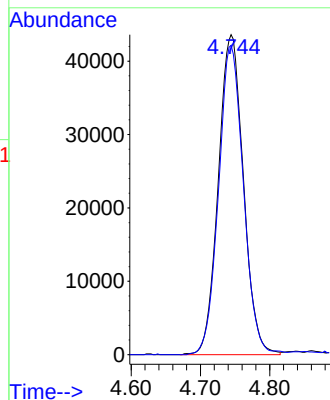
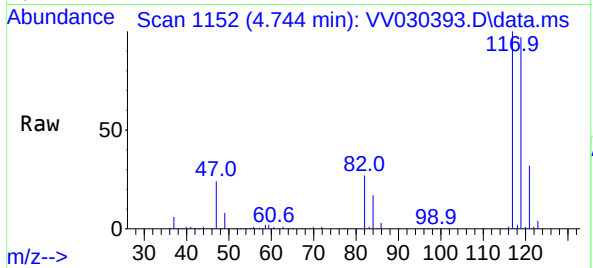




#31
Carbon tetrachloride
Concen: 5.232 ug/L
RT: 4.744 min Scan# 1152
Delta R.T. -0.000 min
Lab File: VV030393.D
Acq: 05 Apr 2023 10:38

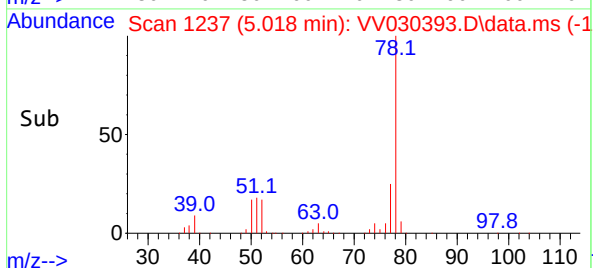
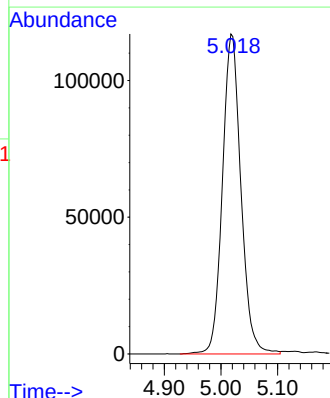
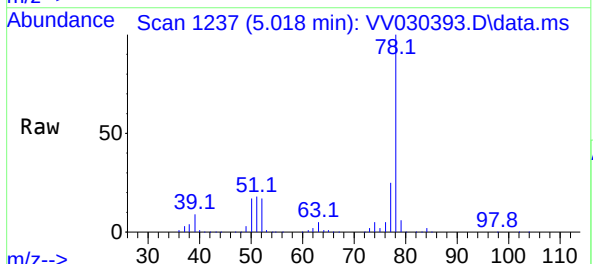
Instrument :
MSVOA_V
ClientSampleId :
VSTD005320

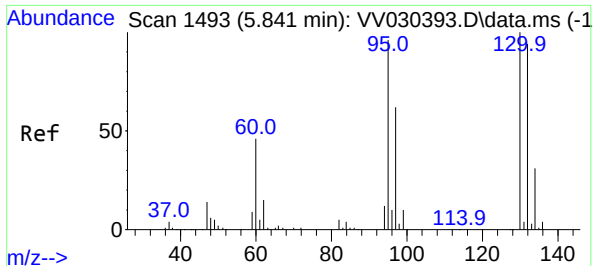
Tgt Ion:117 Resp: 109443
Ion Ratio Lower Upper
117 100
119 95.9 76.2 114.4



#33
Benzene
Concen: 5.202 ug/L
RT: 5.018 min Scan# 1237
Delta R.T. -0.000 min
Lab File: VV030393.D
Acq: 05 Apr 2023 10:38

Tgt Ion: 78 Resp: 265037

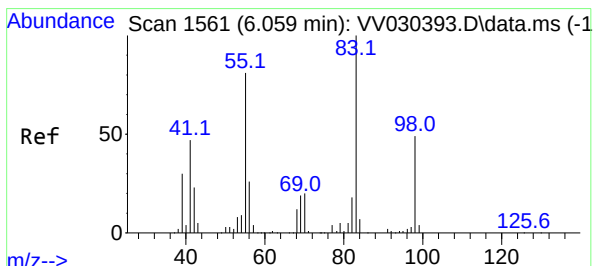
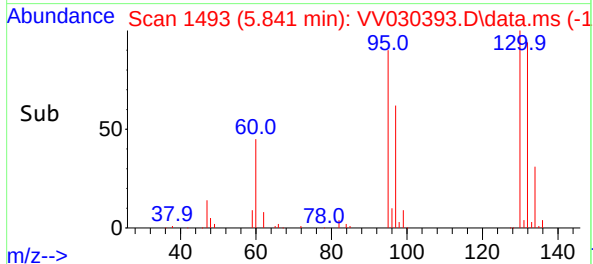
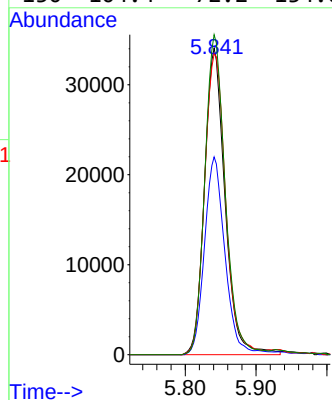
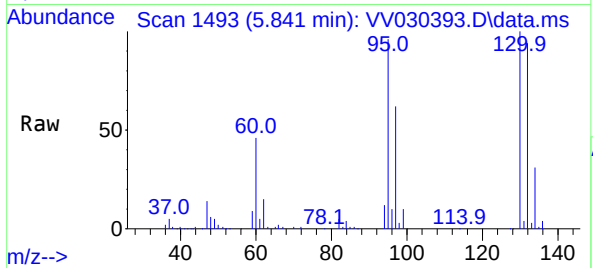




#34
Trichloroethene
Concen: 4.976 ug/L
RT: 5.841 min Scan# 1493
Delta R.T. -0.000 min
Lab File: VV030393.D
Acq: 05 Apr 2023 10:38

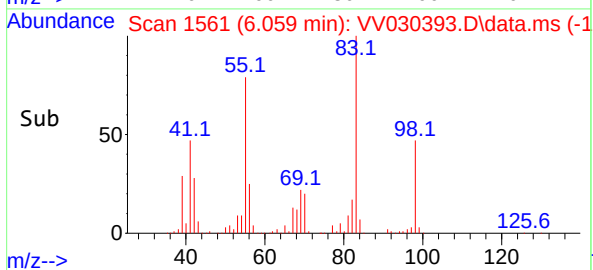
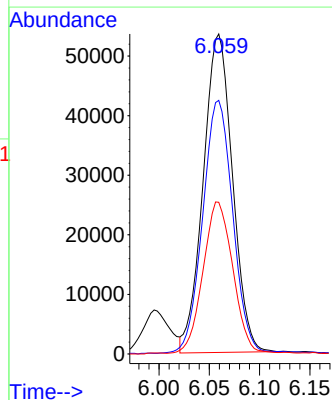
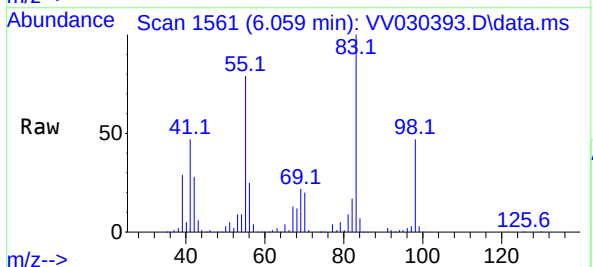
Instrument :
MSVOA_V
ClientSampleId :
VSTD005320

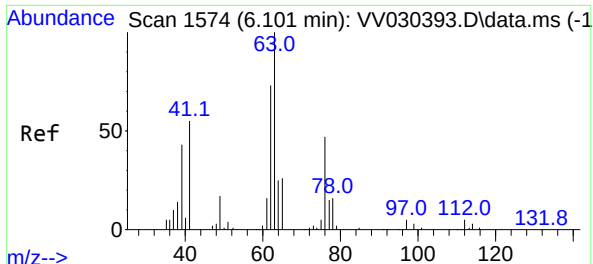
Tgt Ion: 95 Resp: 68366
Ion Ratio Lower Upper
95 100
97 64.5 44.2 82.2
132 98.1 69.5 129.1
130 104.4 72.2 134.0



#35
Methylcyclohexane
Concen: 5.024 ug/L
RT: 6.059 min Scan# 1561
Delta R.T. -0.000 min
Lab File: VV030393.D
Acq: 05 Apr 2023 10:38

Tgt Ion: 83 Resp: 108348
Ion Ratio Lower Upper
83 100
55 81.8 66.6 100.0
98 48.2 38.6 58.0

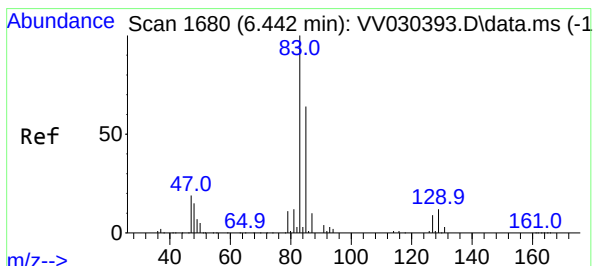
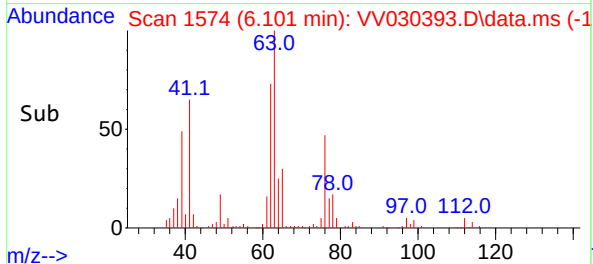
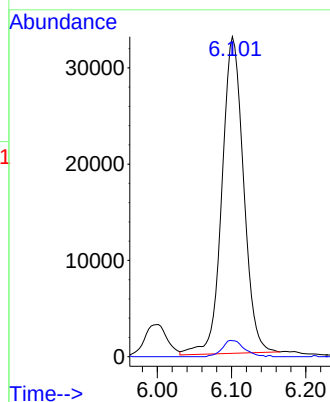
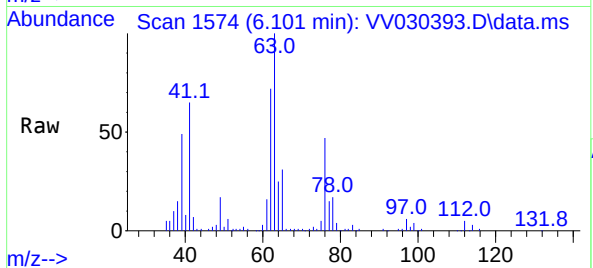




#37
1,2-Dichloropropane
Concen: 5.098 ug/L
RT: 6.101 min Scan# 11
Delta R.T. -0.000 min
Lab File: VV030393.D
Acq: 05 Apr 2023 10:38

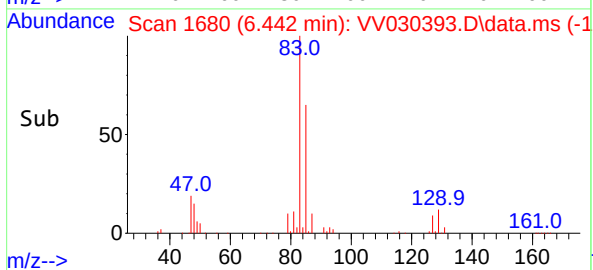
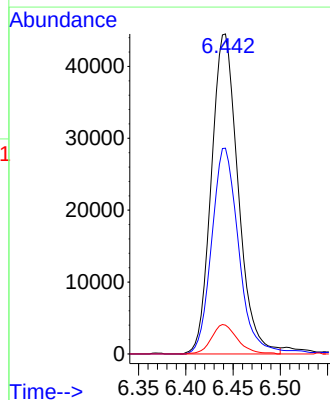
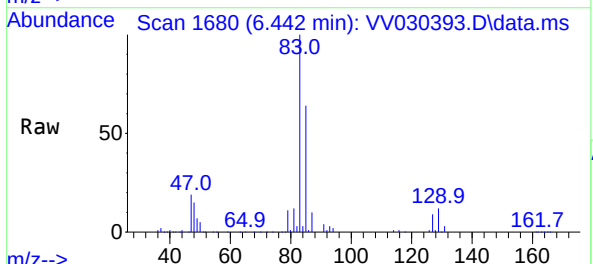
Instrument :
MSVOA_V
ClientSampleId :
VSTD005320

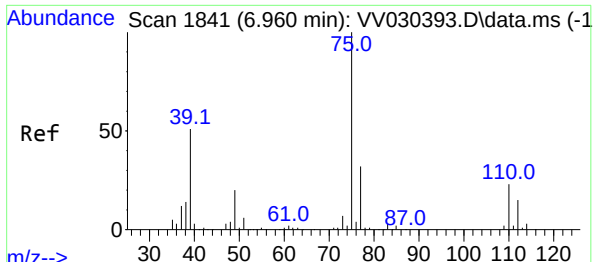
Tgt Ion: 63 Resp: 66681
Ion Ratio Lower Upper
63 100
112 5.2 3.9 5.9



#38
Bromodichloromethane
Concen: 5.112 ug/L
RT: 6.442 min Scan# 1680
Delta R.T. 0.003 min
Lab File: VV030393.D
Acq: 05 Apr 2023 10:38

Tgt Ion: 83 Resp: 87562
Ion Ratio Lower Upper
83 100
85 64.3 45.3 84.1
127 9.0 7.0 10.4

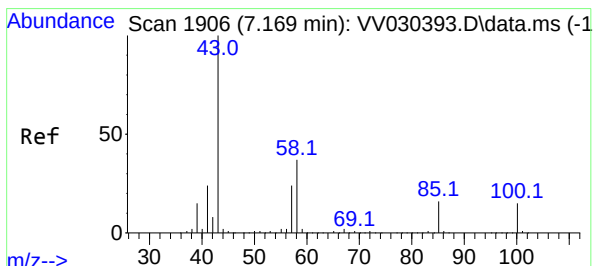
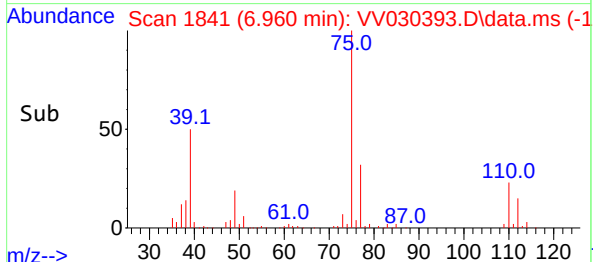
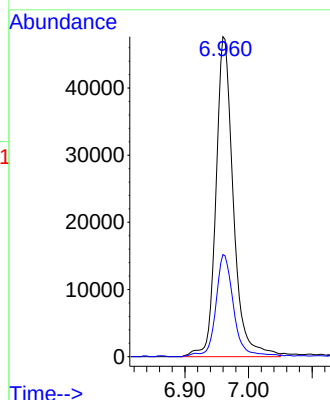
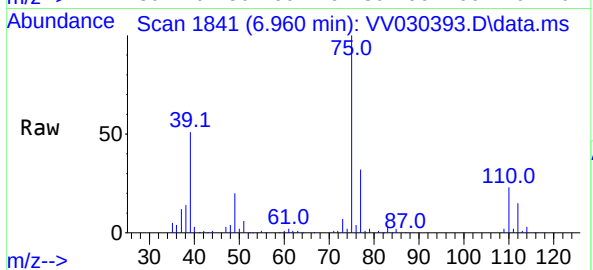




#39
 cis-1,3-Dichloropropene
 Concen: 4.914 ug/L
 RT: 6.960 min Scan# 1841
 Delta R.T. -0.000 min
 Lab File: VV030393.D
 Acq: 05 Apr 2023 10:38

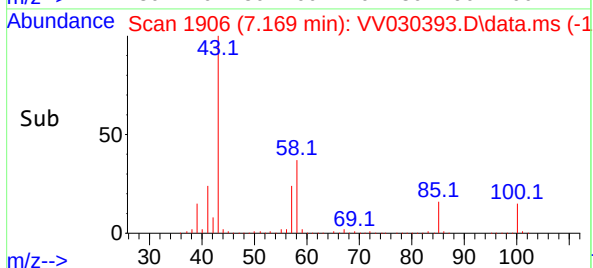
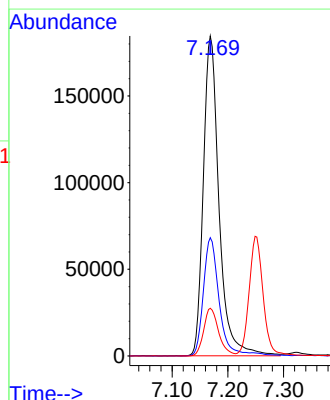
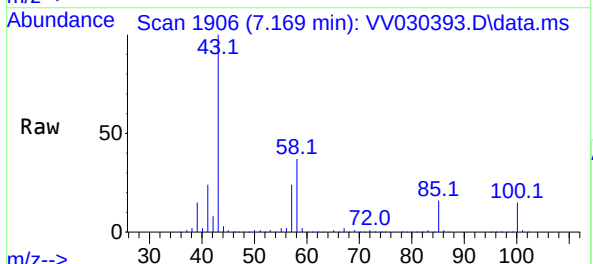
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005320

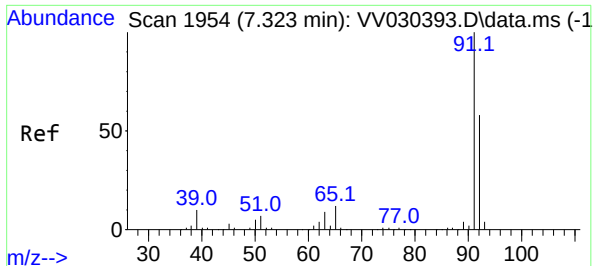
Tgt Ion: 75 Resp: 90377
 Ion Ratio Lower Upper
 75 100
 77 31.9 22.0 41.0



#40
 4-Methyl-2-pentanone
 Concen: 52.415 ug/L
 RT: 7.169 min Scan# 1906
 Delta R.T. 0.003 min
 Lab File: VV030393.D
 Acq: 05 Apr 2023 10:38

Tgt Ion: 43 Resp: 361239
 Ion Ratio Lower Upper
 43 100
 58 36.6 28.8 43.2
 100 14.2 10.7 16.1





#42

Toluene

Concen: 5.387 ug/L

RT: 7.323 min Scan# 1954

Delta R.T. -0.000 min

Lab File: VV030393.D

Acq: 05 Apr 2023 10:38

Instrument :

MSVOA_V

ClientSampleId :

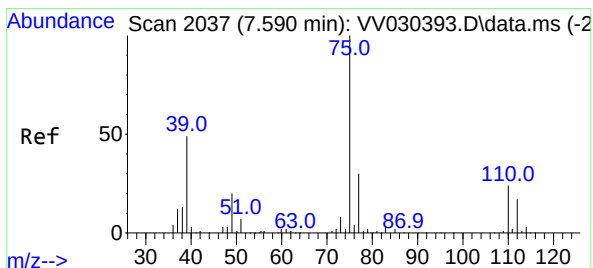
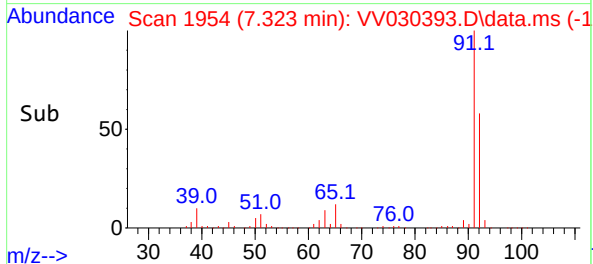
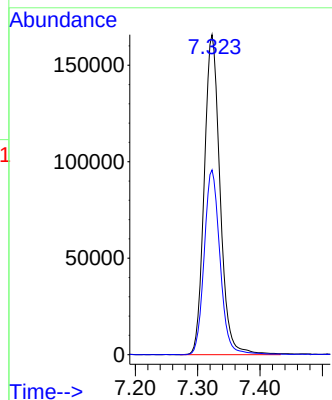
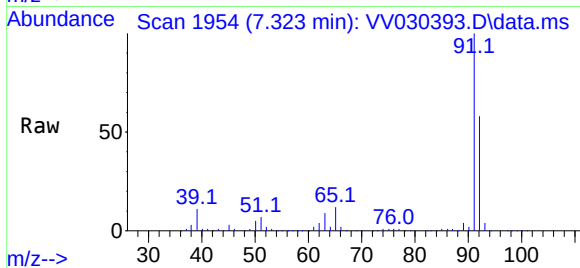
VSTD005320

Tgt Ion: 91 Resp: 292290

Ion Ratio Lower Upper

91 100

92 57.7 40.4 75.0



#44

trans-1,3-Dichloropropene

Concen: 4.972 ug/L

RT: 7.590 min Scan# 2037

Delta R.T. -0.000 min

Lab File: VV030393.D

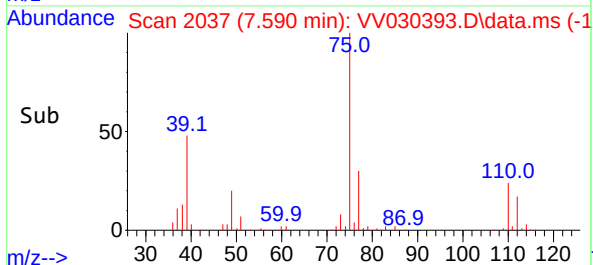
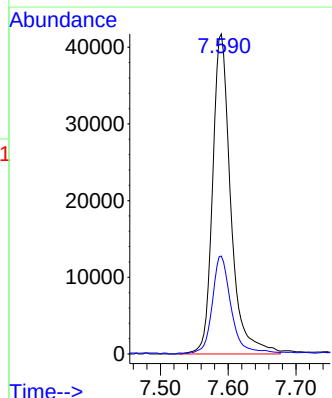
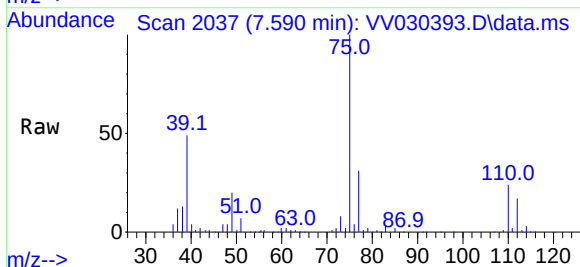
Acq: 05 Apr 2023 10:38

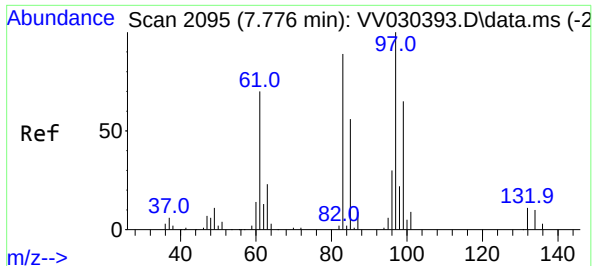
Tgt Ion: 75 Resp: 77807

Ion Ratio Lower Upper

75 100

77 30.6 21.2 39.4





#45

1,1,2-Trichloroethane

Concen: 4.981 ug/L

RT: 7.776 min Scan# 2095

Delta R.T. -0.000 min

Lab File: VV030393.D

Acq: 05 Apr 2023 10:38

Instrument :

MSVOA_V

ClientSampleId :

VSTD005320

Tgt Ion: 97 Resp: 45866

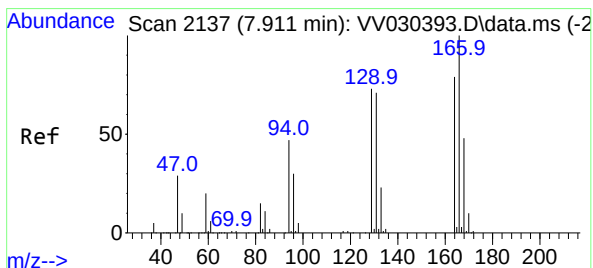
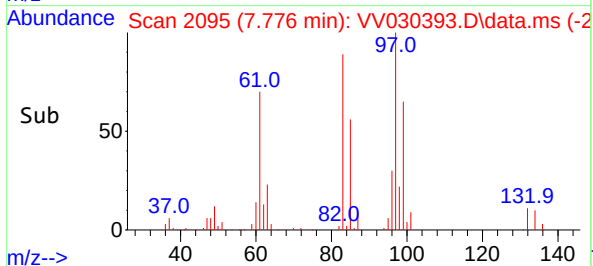
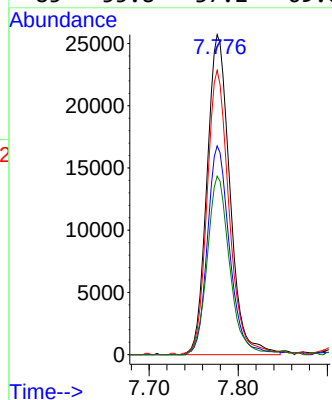
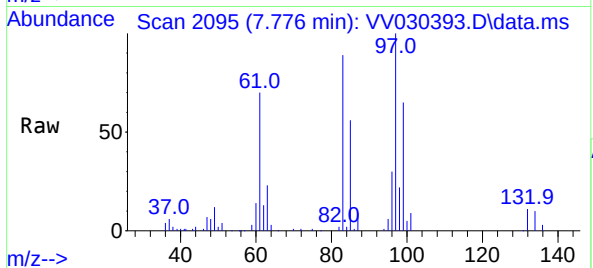
Ion Ratio Lower Upper

97 100

99 65.3 44.0 81.8

83 88.8 58.8 109.2

85 55.8 37.2 69.0



#47

Tetrachloroethene

Concen: 5.095 ug/L

RT: 7.911 min Scan# 2137

Delta R.T. -0.000 min

Lab File: VV030393.D

Acq: 05 Apr 2023 10:38

Tgt Ion:164 Resp: 61780

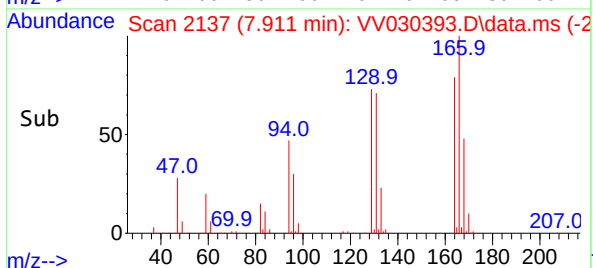
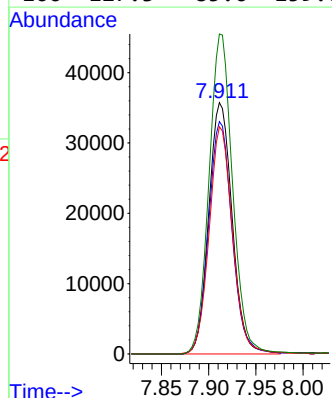
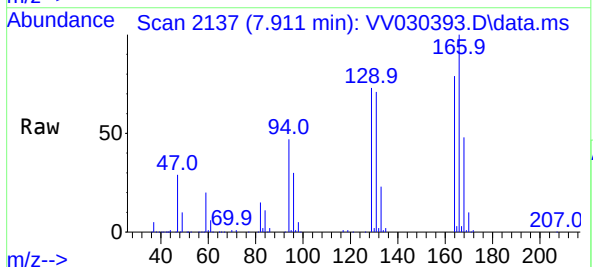
Ion Ratio Lower Upper

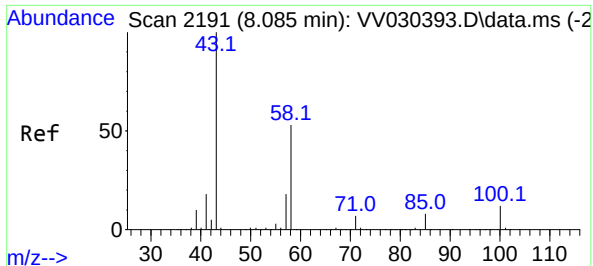
164 100

129 92.4 60.8 112.8

131 90.4 61.7 114.7

166 127.3 85.6 159.0



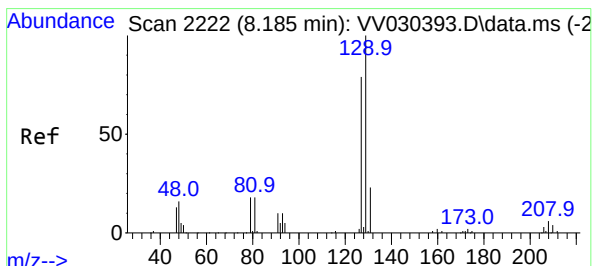
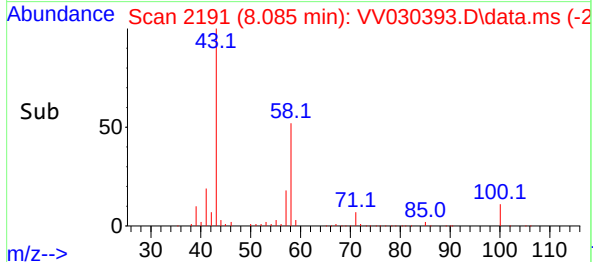
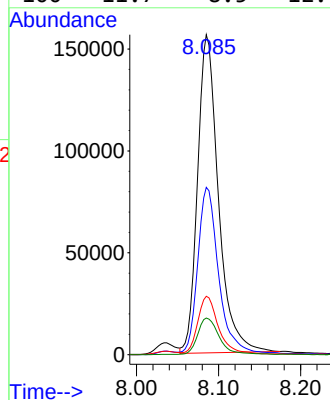
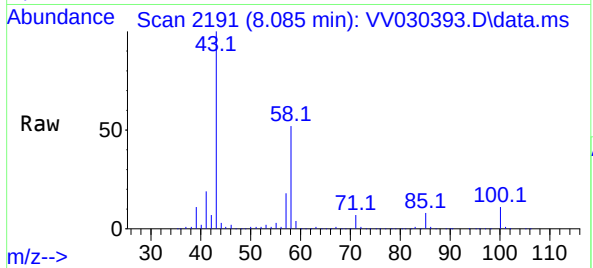


#48
2-Hexanone
Concen: 53.543 ug/L
RT: 8.085 min Scan# 2191
Delta R.T. -0.000 min
Lab File: VV030393.D
Acq: 05 Apr 2023 10:38

Instrument :
MSVOA_V
ClientSampleId :
VSTD005320

Tgt Ion: 43 Resp: 276362

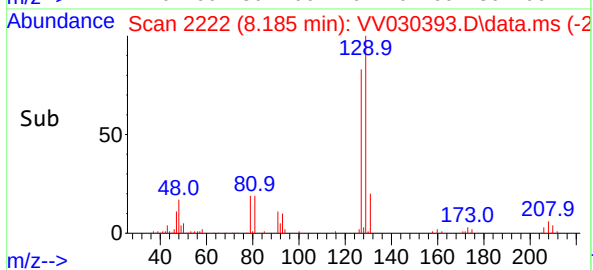
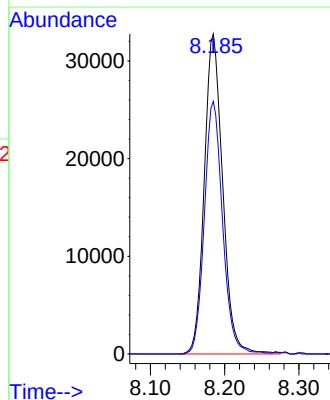
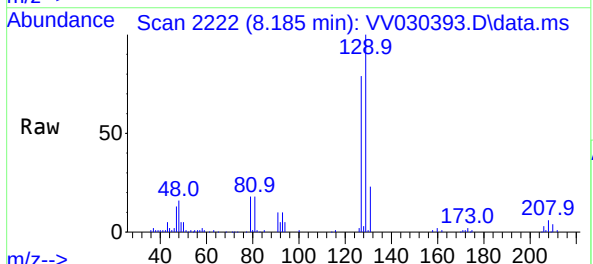
Ion	Ratio	Lower	Upper
43	100		
58	52.3	40.3	60.5
57	18.2	14.6	22.0
100	11.7	8.5	12.7

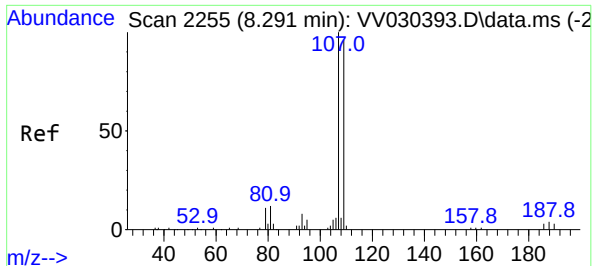


#49
Dibromochloromethane
Concen: 5.135 ug/L
RT: 8.185 min Scan# 2222
Delta R.T. -0.000 min
Lab File: VV030393.D
Acq: 05 Apr 2023 10:38

Tgt Ion: 129 Resp: 56288

Ion	Ratio	Lower	Upper
129	100		
127	78.9	52.7	97.9



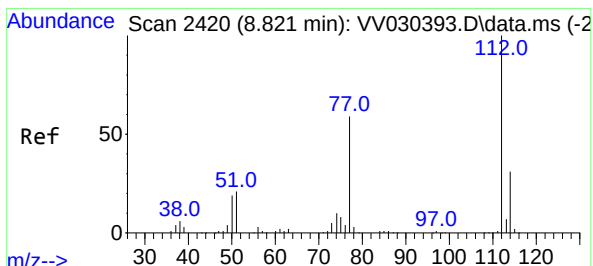
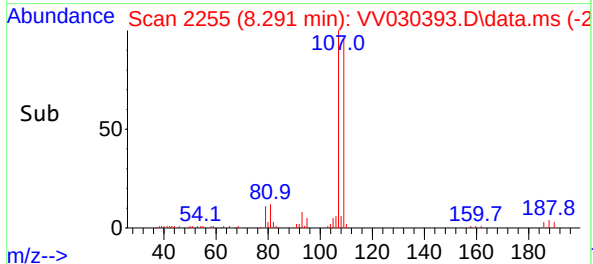
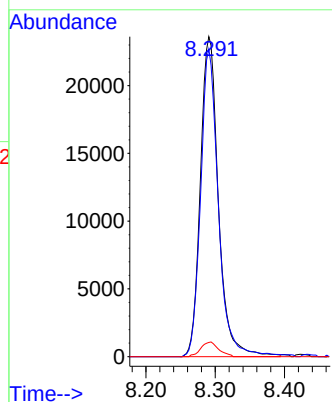
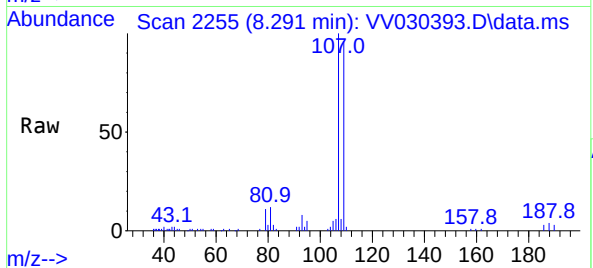


#50
1,2-Dibromoethane
Concen: 5.094 ug/L
RT: 8.291 min Scan# 21
Delta R.T. -0.000 min
Lab File: VV030393.D
Acq: 05 Apr 2023 10:38

Instrument :
MSVOA_V
ClientSampleId :
VSTD005320

Tgt Ion:107 Resp: 42678

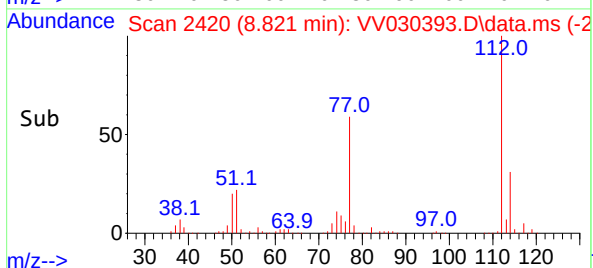
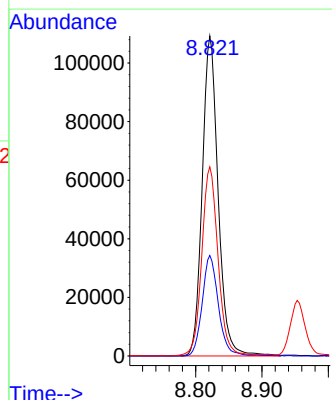
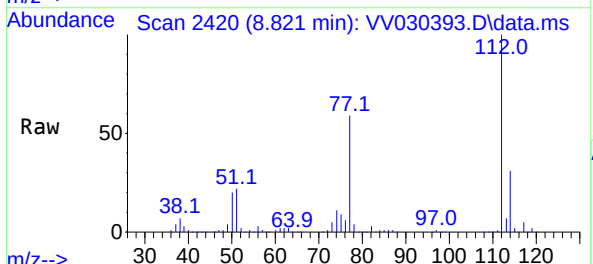
Ion	Ratio	Lower	Upper
107	100		
109	96.2	62.9	116.9
188	4.4	3.0	4.6

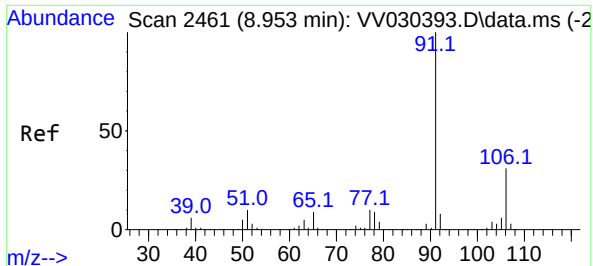


#51
Chlorobenzene
Concen: 5.249 ug/L
RT: 8.821 min Scan# 2420
Delta R.T. -0.000 min
Lab File: VV030393.D
Acq: 05 Apr 2023 10:38

Tgt Ion:112 Resp: 182375

Ion	Ratio	Lower	Upper
112	100		
114	31.4	22.4	41.6
77	59.1	45.9	68.9

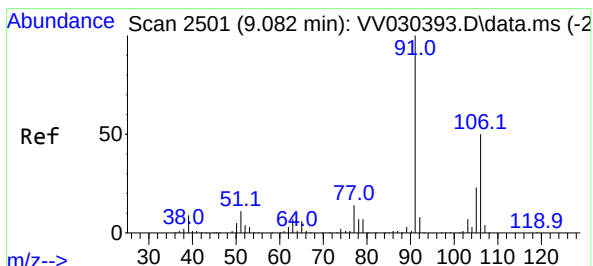
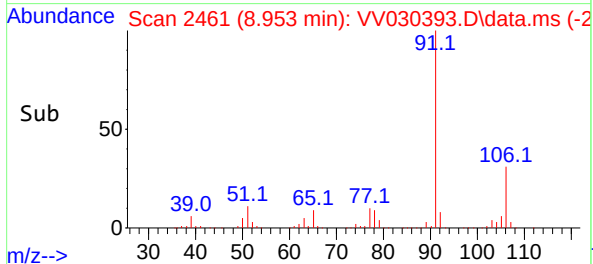
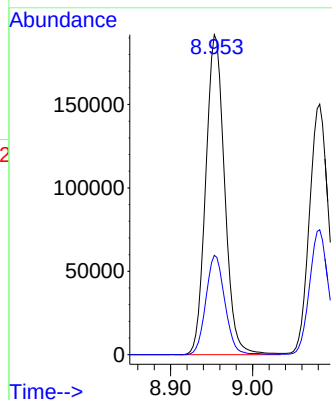
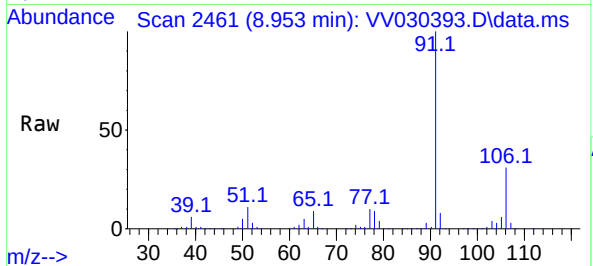




#52
Ethylbenzene
Concen: 5.162 ug/L
RT: 8.953 min Scan# 2461
Delta R.T. -0.000 min
Lab File: VV030393.D
Acq: 05 Apr 2023 10:38

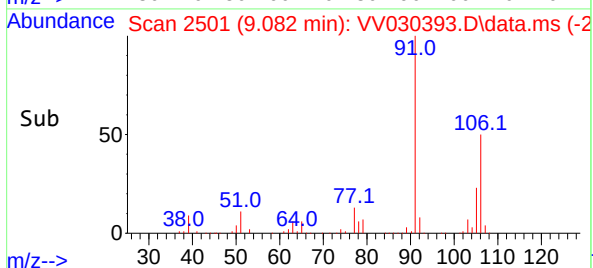
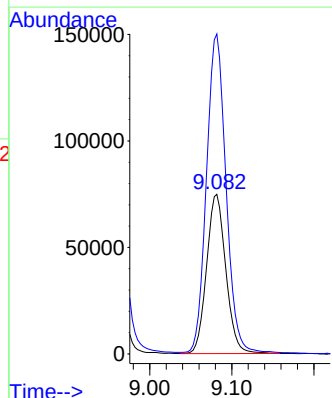
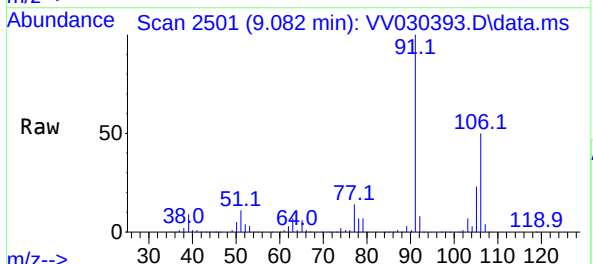
Instrument :
MSVOA_V
ClientSampleId :
VSTD005320

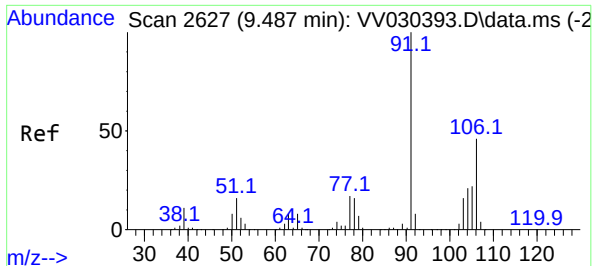
Tgt Ion: 91 Resp: 306435
Ion Ratio Lower Upper
91 100
106 31.0 22.2 41.2



#53
m,p-Xylene
Concen: 5.360 ug/L
RT: 9.082 min Scan# 2501
Delta R.T. 0.003 min
Lab File: VV030393.D
Acq: 05 Apr 2023 10:38

Tgt Ion: 106 Resp: 121818
Ion Ratio Lower Upper
106 100
91 200.5 142.4 264.4

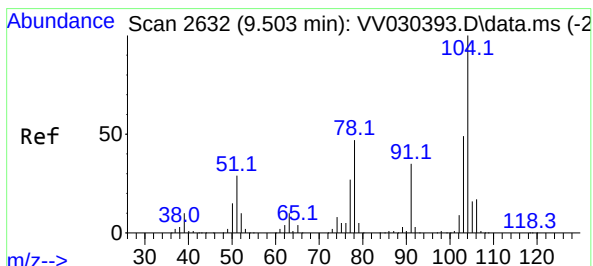
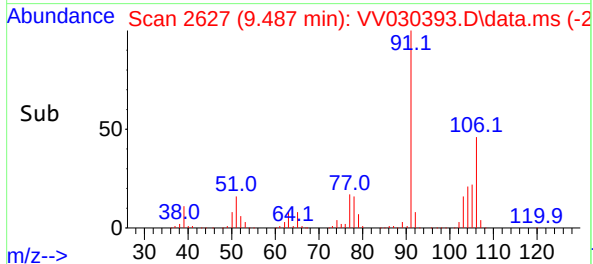
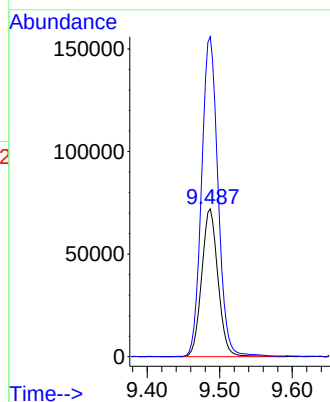
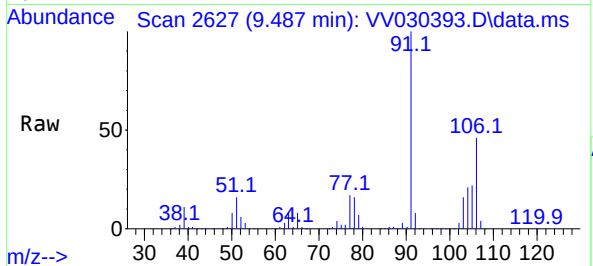




#54
o-Xylene
Concen: 5.182 ug/L
RT: 9.487 min Scan# 2627
Delta R.T. -0.000 min
Lab File: VV030393.D
Acq: 05 Apr 2023 10:38

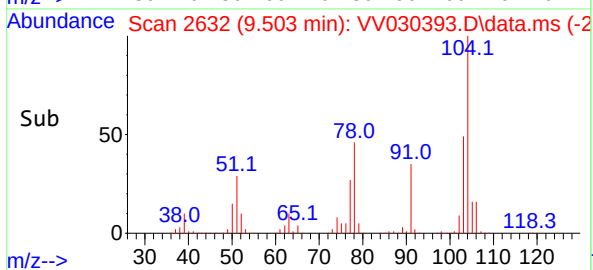
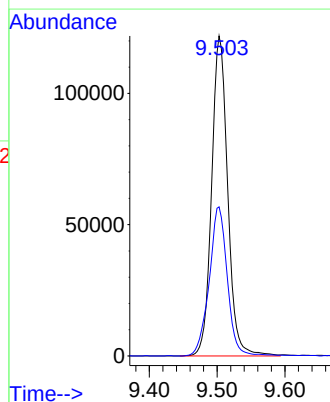
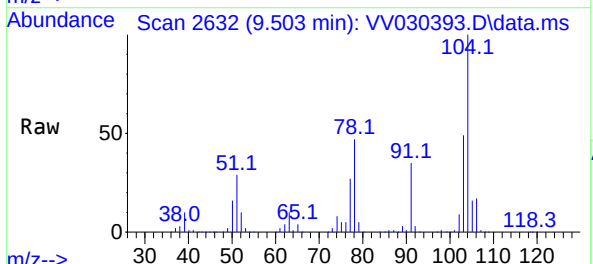
Instrument : MSVOA_V
ClientSampleId : VSTD005320

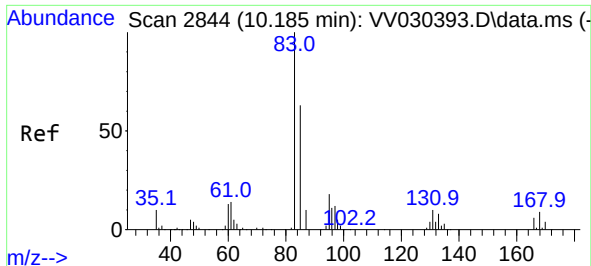
Tgt Ion:106 Resp: 112680
Ion Ratio Lower Upper
106 100
91 216.5 149.8 278.2



#55
Styrene
Concen: 5.438 ug/L
RT: 9.503 min Scan# 2632
Delta R.T. -0.000 min
Lab File: VV030393.D
Acq: 05 Apr 2023 10:38

Tgt Ion:104 Resp: 200831
Ion Ratio Lower Upper
104 100
78 46.6 31.9 59.2

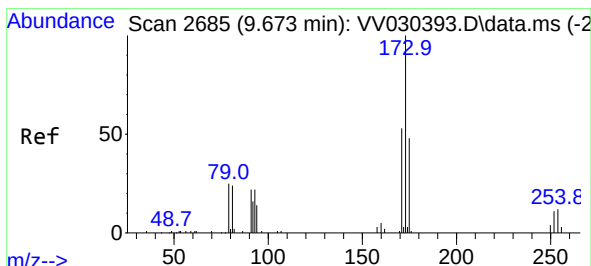
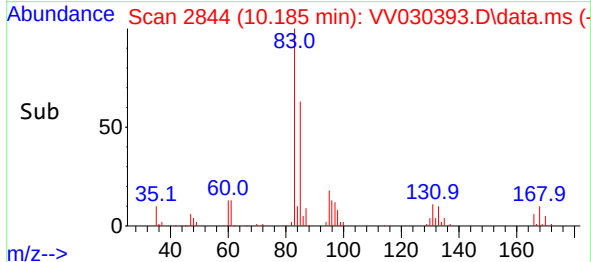
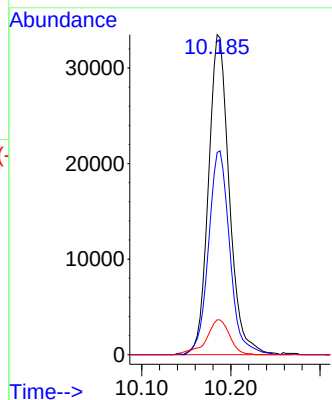
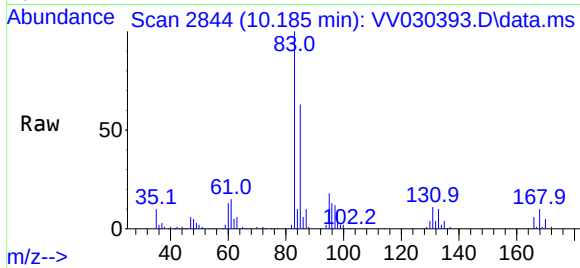




#57
1,1,2,2-Tetrachloroethane
Concen: 4.962 ug/L
RT: 10.185 min Scan# 2844
Delta R.T. -0.000 min
Lab File: VV030393.D
Acq: 05 Apr 2023 10:38

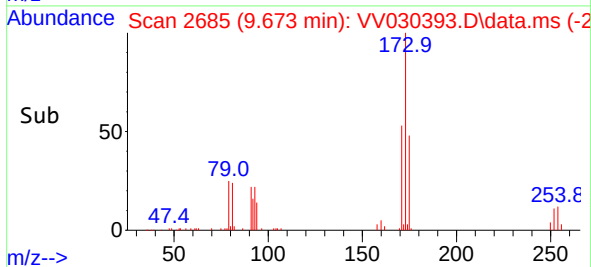
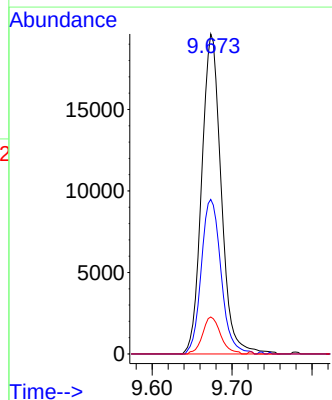
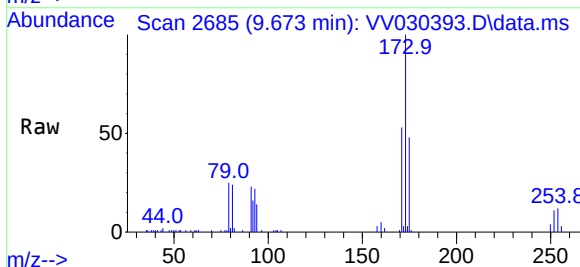
Instrument :
MSVOA_V
ClientSampleId :
VSTD005320

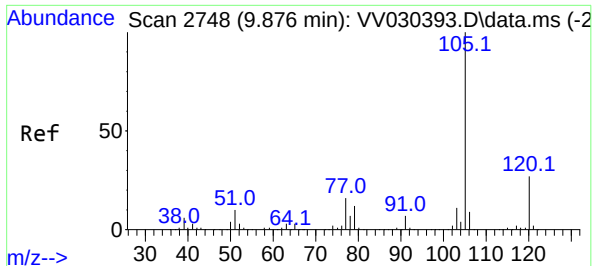
Tgt Ion: 83 Resp: 54238
Ion Ratio Lower Upper
83 100
85 63.2 45.3 84.1
131 10.9 8.2 12.4



#59
Bromoform
Concen: 4.765 ug/L
RT: 9.673 min Scan# 2685
Delta R.T. -0.000 min
Lab File: VV030393.D
Acq: 05 Apr 2023 10:38

Tgt Ion: 173 Resp: 33316
Ion Ratio Lower Upper
173 100
175 49.0 39.0 58.4
254 10.7 8.2 12.4

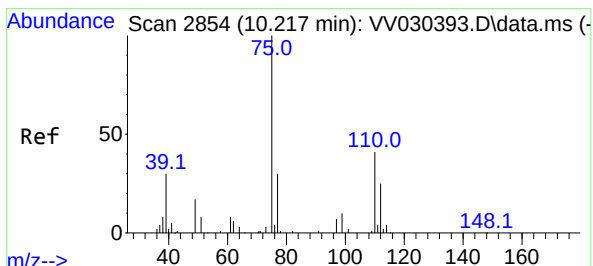
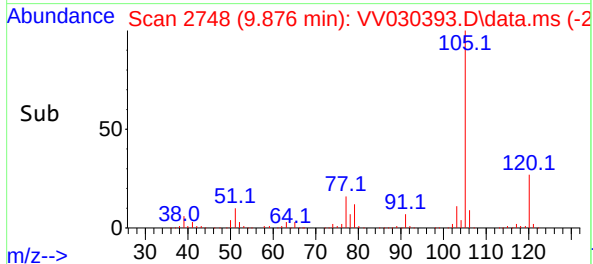
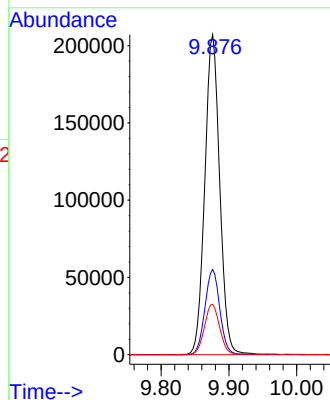
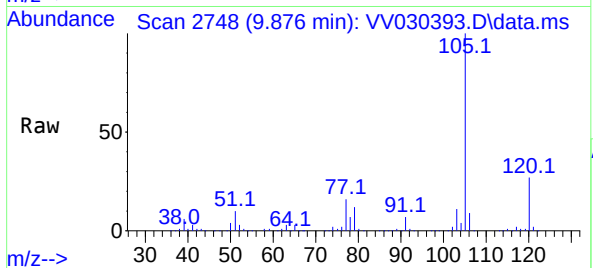




#60
Isopropylbenzene
Concen: 4.965 ug/L
RT: 9.876 min Scan# 21
Delta R.T. -0.000 min
Lab File: VV030393.D
Acq: 05 Apr 2023 10:38

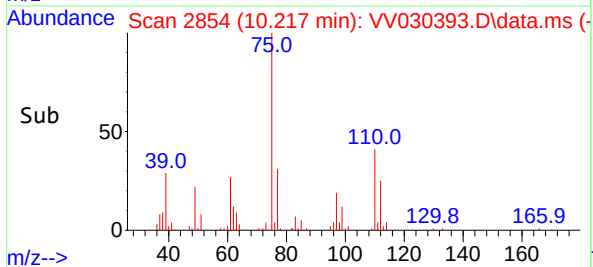
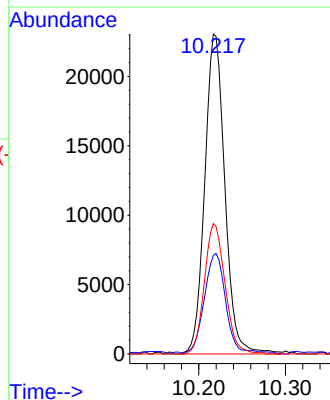
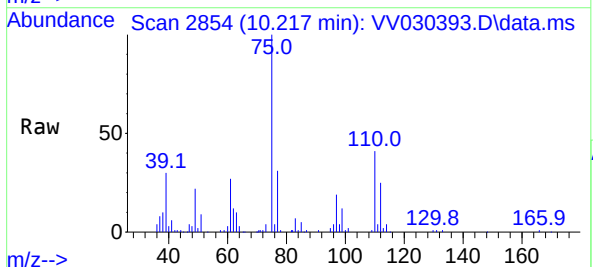
Instrument :
MSVOA_V
ClientSampleId :
VSTD005320

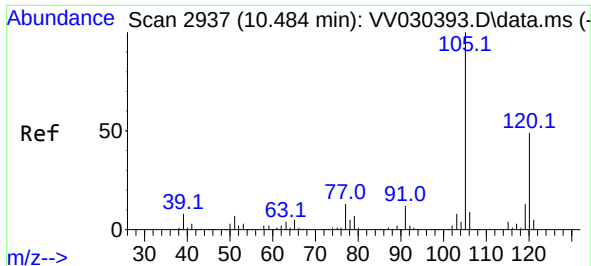
Tgt Ion:105 Resp: 316732
Ion Ratio Lower Upper
105 100
120 26.6 21.1 31.7
77 15.8 12.9 19.3



#61
1,2,3-Trichloropropane
Concen: 4.812 ug/L
RT: 10.217 min Scan# 2854
Delta R.T. -0.000 min
Lab File: VV030393.D
Acq: 05 Apr 2023 10:38

Tgt Ion: 75 Resp: 37214
Ion Ratio Lower Upper
75 100
77 33.8 26.0 39.0
110 41.6 31.6 47.4

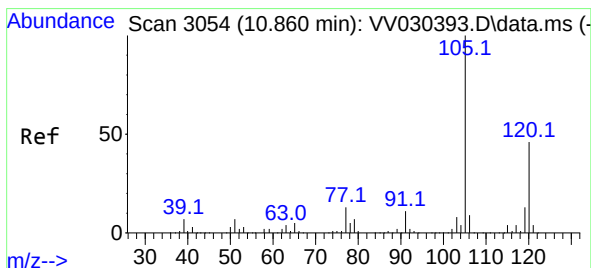
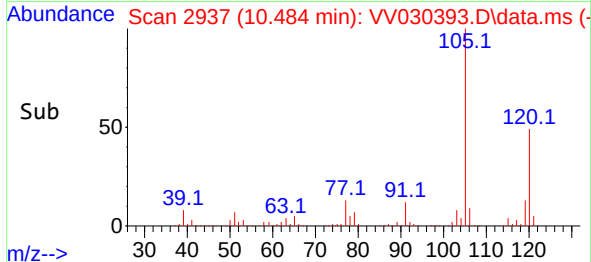
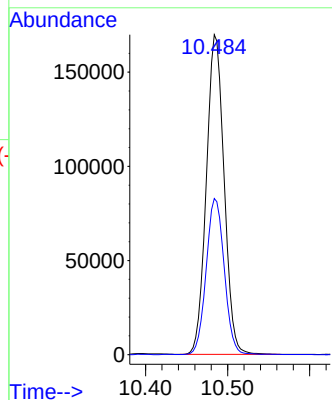
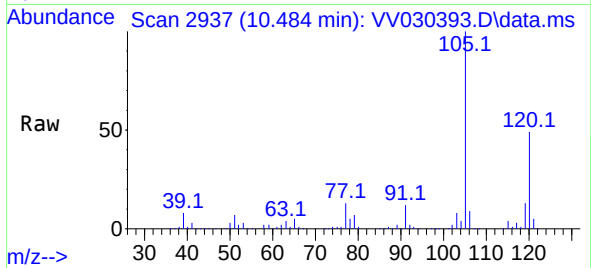




#62
1,3,5-Trimethylbenzene
Concen: 4.898 ug/L
RT: 10.484 min Scan# 2937
Delta R.T. -0.000 min
Lab File: VV030393.D
Acq: 05 Apr 2023 10:38

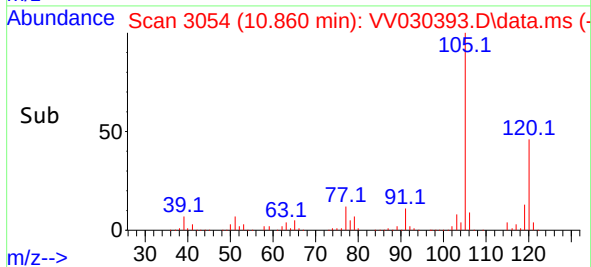
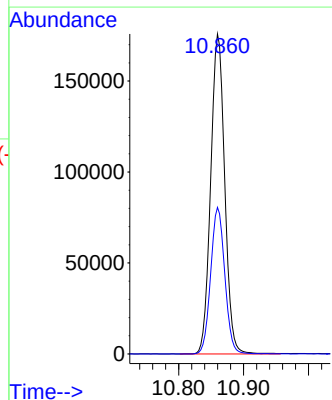
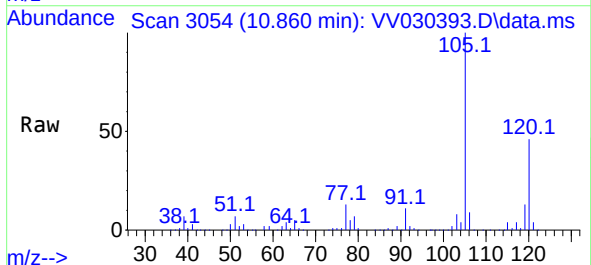
Instrument :
MSVOA_V
ClientSampleId :
VSTD005320

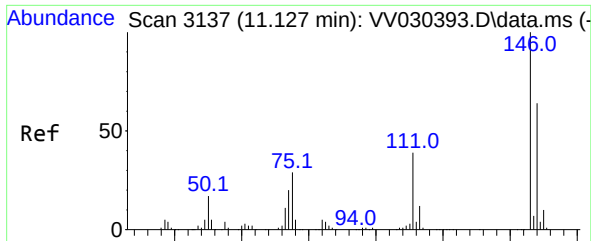
Tgt Ion:105 Resp: 254969
Ion Ratio Lower Upper
105 100
120 49.5 38.9 58.3



#63
1,2,4-Trimethylbenzene
Concen: 4.988 ug/L
RT: 10.860 min Scan# 3054
Delta R.T. -0.000 min
Lab File: VV030393.D
Acq: 05 Apr 2023 10:38

Tgt Ion:105 Resp: 264641
Ion Ratio Lower Upper
105 100
120 46.0 36.8 55.2

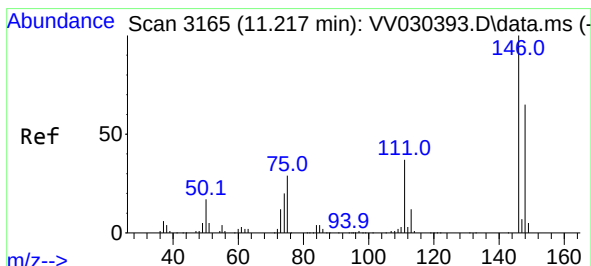
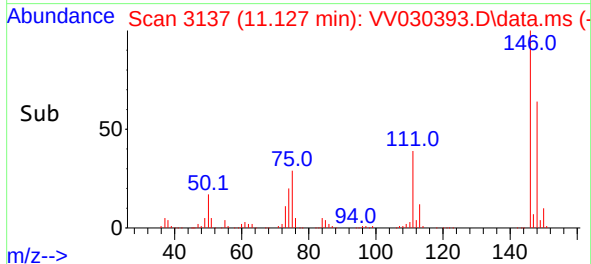
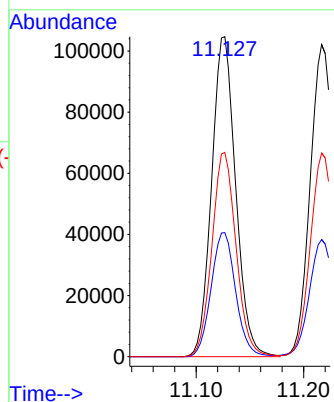
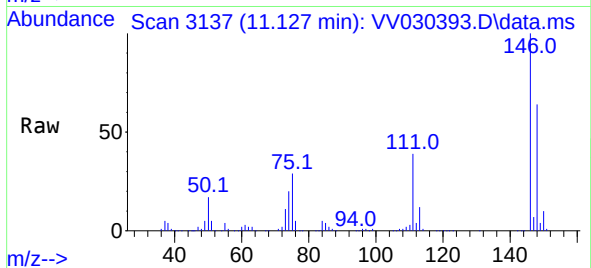




#64
1,3-Dichlorobenzene
Concen: 5.114 ug/L
RT: 11.127 min Scan# 3137
Delta R.T. 0.003 min
Lab File: VV030393.D
Acq: 05 Apr 2023 10:38

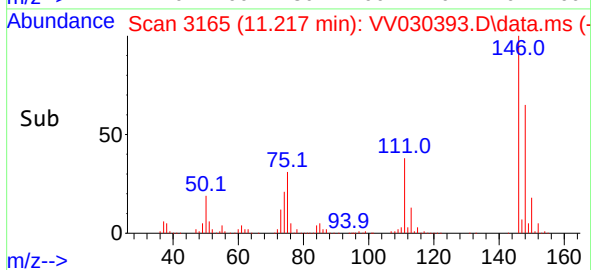
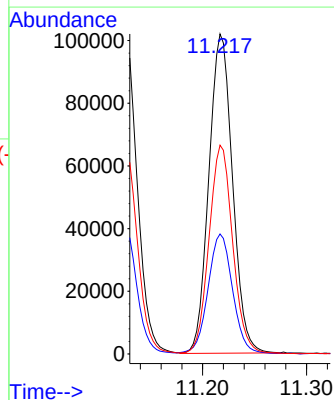
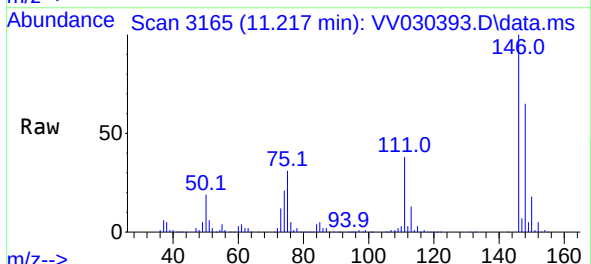
Instrument :
MSVOA_V
ClientSampleId :
VSTD005320

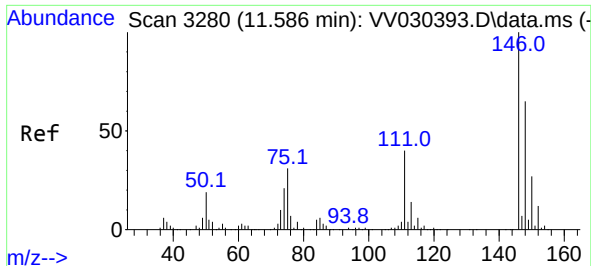
Tgt Ion:146 Resp: 162698
Ion Ratio Lower Upper
146 100
111 38.8 27.0 50.2
148 63.9 44.2 82.2



#65
1,4-Dichlorobenzene
Concen: 5.021 ug/L
RT: 11.217 min Scan# 3165
Delta R.T. -0.000 min
Lab File: VV030393.D
Acq: 05 Apr 2023 10:38

Tgt Ion:146 Resp: 160925
Ion Ratio Lower Upper
146 100
111 37.5 26.0 48.4
148 65.2 45.2 84.0





#67

1,2-Dichlorobenzene

Concen: 5.011 ug/L

RT: 11.586 min Scan# 31

Delta R.T. -0.000 min

Lab File: VV030393.D

Acq: 05 Apr 2023 10:38

Instrument :

MSVOA_V

ClientSampleId :

VSTD005320

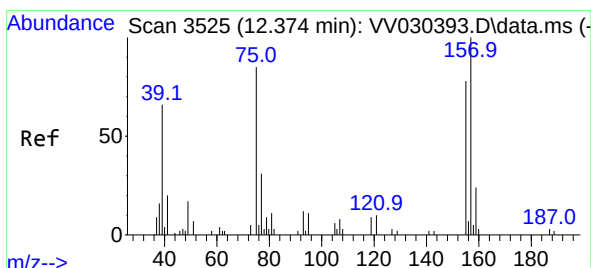
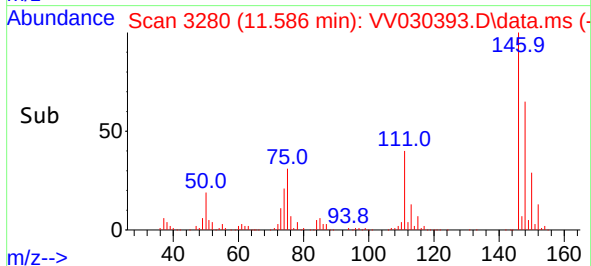
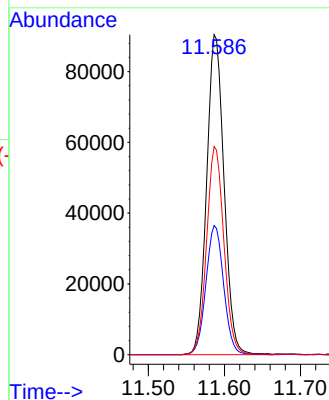
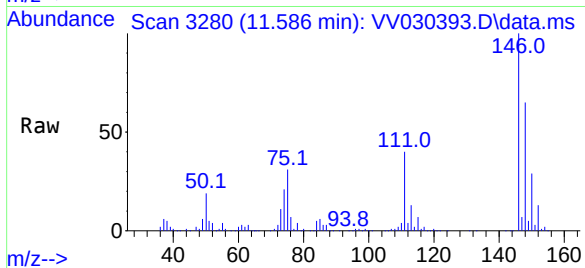
Tgt Ion:146 Resp: 143642

Ion Ratio Lower Upper

146 100

111 40.3 33.1 49.7

148 65.1 52.2 78.2



#68

1,2-Dibromo-3-chloropropane

Concen: 4.402 ug/L

RT: 12.374 min Scan# 3525

Delta R.T. 0.003 min

Lab File: VV030393.D

Acq: 05 Apr 2023 10:38

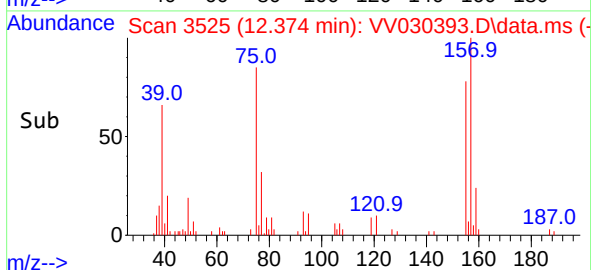
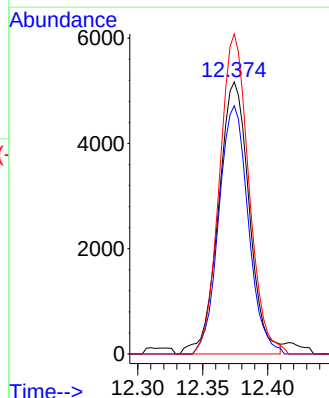
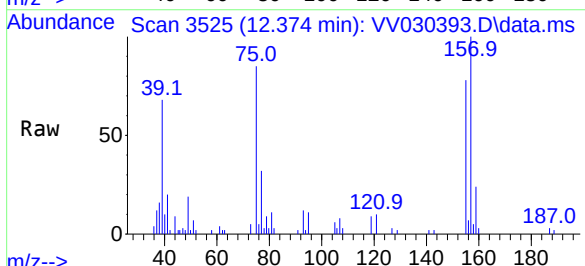
Tgt Ion: 75 Resp: 8468

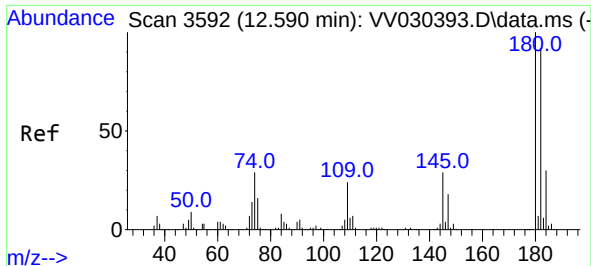
Ion Ratio Lower Upper

75 100

155 91.2 64.6 96.8

157 117.6 83.8 125.6

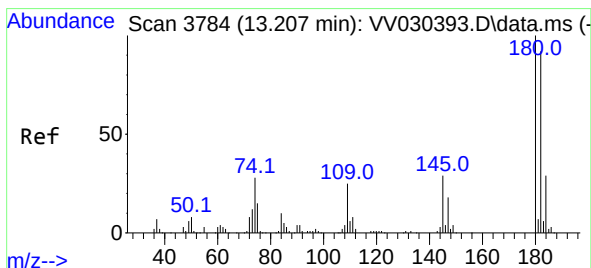
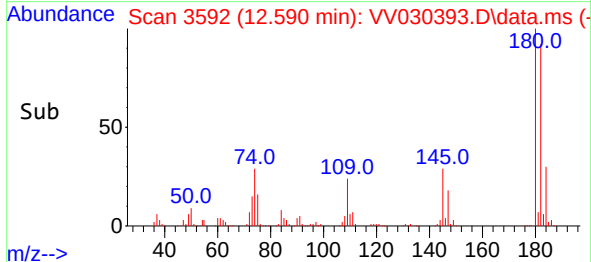
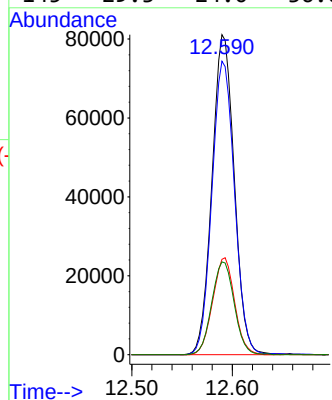
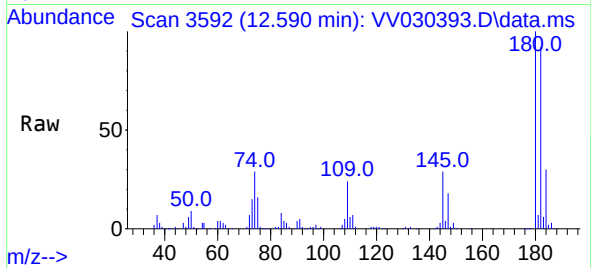




#69
 1,3,5-Trichlorobenzene
 Concen: 5.083 ug/L
 RT: 12.590 min Scan# 3592
 Delta R.T. -0.000 min
 Lab File: VV030393.D
 Acq: 05 Apr 2023 10:38

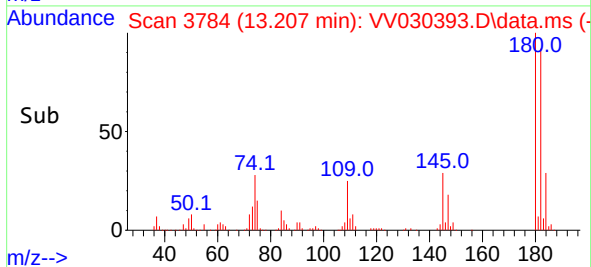
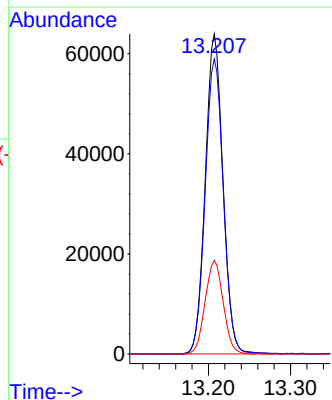
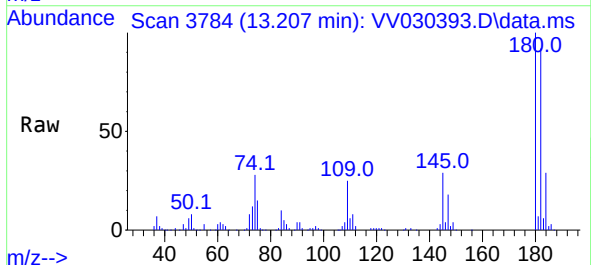
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005320

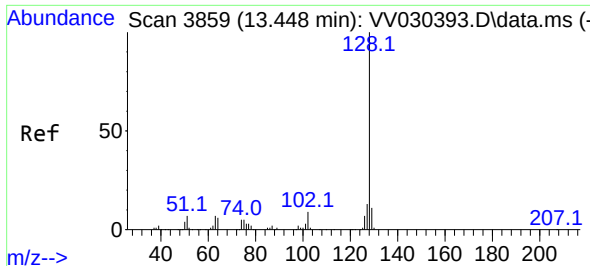
Tgt Ion:180 Resp: 124498
 Ion Ratio Lower Upper
 180 100
 182 93.0 76.5 114.7
 184 29.9 24.0 36.0
 145 29.3 24.0 36.0



#70
 1,2,4-trichlorobenzene
 Concen: 5.072 ug/L
 RT: 13.207 min Scan# 3784
 Delta R.T. -0.000 min
 Lab File: VV030393.D
 Acq: 05 Apr 2023 10:38

Tgt Ion:180 Resp: 95911
 Ion Ratio Lower Upper
 180 100
 182 94.4 75.3 112.9
 145 29.7 23.8 35.6

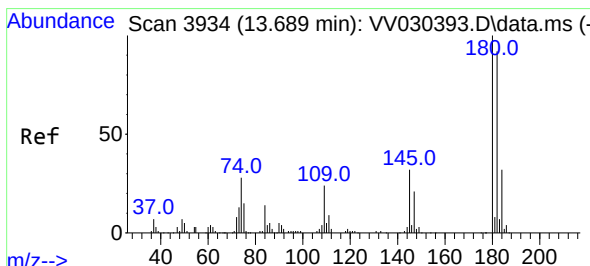
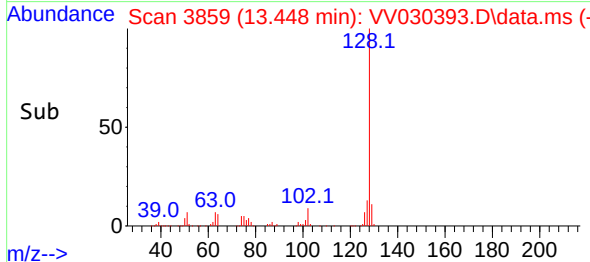
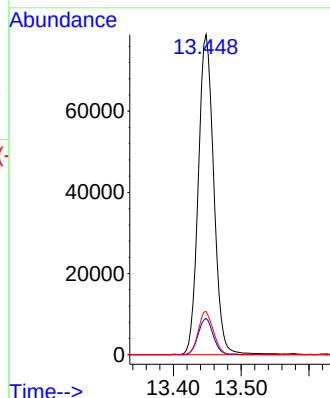
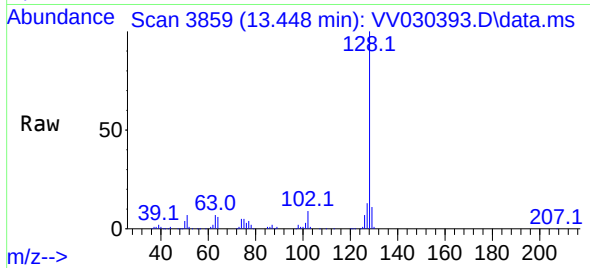




#71
Naphthalene
Concen: 4.624 ug/L
RT: 13.448 min Scan# 3859
Delta R.T. -0.000 min
Lab File: VV030393.D
Acq: 05 Apr 2023 10:38

Instrument :
MSVOA_V
ClientSampleId :
VSTD005320

Tgt Ion:128 Resp: 124885
Ion Ratio Lower Upper
128 100
129 11.0 8.9 13.3
127 13.2 10.8 16.2



#72
1,2,3-Trichlorobenzene
Concen: 4.992 ug/L
RT: 13.689 min Scan# 3934
Delta R.T. -0.000 min
Lab File: VV030393.D
Acq: 05 Apr 2023 10:38

Tgt Ion:180 Resp: 81789
Ion Ratio Lower Upper
180 100
182 93.3 76.6 115.0
145 31.7 25.0 37.4

