

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW032923\
 Data File : VW030320.D
 Acq On : 29 Mar 2023 11:51
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005314

Quant Time: Mar 30 01:49:09 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR032323WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Mar 24 02:42:05 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.542	114	149221	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.792	117	141128	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.194	152	82015	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.281	65	43022	4.353	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	87.000%
7) Chloroethane-d5	1.535	69	43399	4.525	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	90.600%
11) 1,1-Dichloroethene-d2	2.066	63	110018	4.691	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	93.800%
20) 2-Butanone-d5	3.831	46	118788	46.502	ug/L	-0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	93.000%
24) Chloroform-d	4.259	84	118584	4.958	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.200%
26) 1,2-Dichloroethane-d4	4.953	65	54855	4.861	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.200%
32) Benzene-d6	4.969	84	198614	4.994	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.800%
36) 1,2-Dichloropropane-d6	5.995	67	63834	5.127	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	102.600%
41) Toluene-d8	7.249	98	186741	5.113	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	102.200%
43) trans-1,3-Dichloroprop...	7.561	79	23003	4.907	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	98.200%
46) 2-Hexanone-d5	8.037	63	98097	52.077	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	104.160%
56) 1,1,2,2-Tetrachloroeth...	10.162	84	49078	5.001	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	100.000%
66) 1,2-Dichlorobenzene-d4	11.570	152	71625	4.886	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	97.800%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.108	85	91647	4.831	ug/L	98
3) Chloromethane	1.217	50	107824	4.504	ug/L	99
5) Vinyl chloride	1.285	62	82110	4.705	ug/L	98
6) Bromomethane	1.490	94	25732	5.170	ug/L	99
8) Chloroethane	1.552	64	47437	4.745	ug/L	98
9) Trichlorofluoromethane	1.716	101	124706	4.902	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.072	101	68168	4.855	ug/L	99
12) 1,1-Dichloroethene	2.072	96	59904	4.805	ug/L	97
13) Acetone	2.172	43	104327	42.709	ug/L	82
14) Carbon disulfide	2.246	76	200550	4.883	ug/L	99
15) Methyl Acetate	2.394	43	26064	5.971	ug/L #	74
16) Methylene chloride	2.452	84	79823	5.413	ug/L	98
17) Methyl tert-butyl Ether	2.712	73	122834	4.652	ug/L	99
18) trans-1,2-Dichloroethene	2.699	96	63488	4.833	ug/L	97
19) 1,1-Dichloroethane	3.117	63	121741	4.781	ug/L	100
21) 2-Butanone	3.908	43	144054	46.854	ug/L	99
22) cis-1,2-Dichloroethene	3.825	96	63134	4.789	ug/L	97
23) Bromochloromethane	4.159	128	30128	4.894	ug/L	95
25) Chloroform	4.285	83	126223	4.905	ug/L	97

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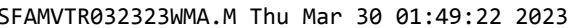
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005314

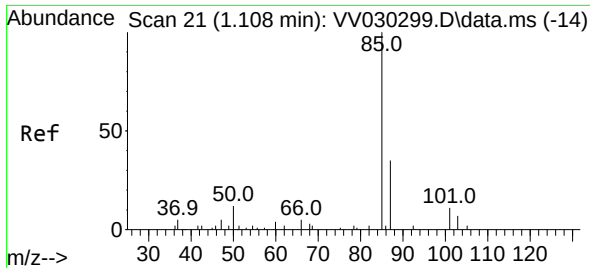
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 Quant Title : TRACE VOA SFAM1.0
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.050	62	75265	4.838	ug/L	98
29) 1,1,1-Trichloroethane	4.523	97	116834	5.151	ug/L	99
30) Cyclohexane	4.593	56	104418	5.053	ug/L	98
31) Carbon tetrachloride	4.744	117	105087	5.106	ug/L	98
33) Benzene	5.018	78	262824	5.243	ug/L	100
34) Trichloroethene	5.838	95	67330	4.980	ug/L	97
35) Methylcyclohexane	6.059	83	106114	5.001	ug/L	98
37) 1,2-Dichloropropane	6.101	63	65913	5.122	ug/L	100
38) Bromodichloromethane	6.439	83	87078	5.167	ug/L	100
39) cis-1,3-Dichloropropene	6.960	75	87909	4.858	ug/L	99
40) 4-Methyl-2-pentanone	7.169	43	355007	52.353	ug/L	99
42) Toluene	7.323	91	287173	5.379	ug/L	100
44) trans-1,3-Dichloropropene	7.590	75	74633	4.847	ug/L	96
45) 1,1,2-Trichloroethane	7.776	97	46026	5.080	ug/L	98
47) Tetrachloroethene	7.911	164	61124	5.123	ug/L	97
48) 2-Hexanone	8.088	43	273342	53.823	ug/L	98
49) Dibromochloromethane	8.185	129	54529	5.056	ug/L	100
50) 1,2-Dibromoethane	8.291	107	40317	4.891	ug/L	91
51) Chlorobenzene	8.821	112	175144	5.123	ug/L	97
52) Ethylbenzene	8.953	91	301811	5.167	ug/L	98
53) m,p-Xylene	9.079	106	116662	5.217	ug/L	99
54) o-Xylene	9.487	106	109955	5.139	ug/L	99
55) Styrene	9.503	104	193812	5.333	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.185	83	53808	5.003	ug/L	96
59) Bromoform	9.673	173	31908	4.813	ug/L	100
60) Isopropylbenzene	9.876	105	304156	5.029	ug/L	100
61) 1,2,3-Trichloropropane	10.217	75	35821	4.885	ug/L	100
62) 1,3,5-Trimethylbenzene	10.484	105	243498	4.934	ug/L	98
63) 1,2,4-Trimethylbenzene	10.860	105	253970	5.049	ug/L	99
64) 1,3-Dichlorobenzene	11.124	146	155742	5.164	ug/L	99
65) 1,4-Dichlorobenzene	11.217	146	157683	5.190	ug/L	99
67) 1,2-Dichlorobenzene	11.587	146	140391	5.166	ug/L	97
68) 1,2-Dibromo-3-chloropr...	12.374	75	7934	4.350	ug/L	86
69) 1,3,5-Trichlorobenzene	12.593	180	117874	5.076	ug/L	99
70) 1,2,4-trichlorobenzene	13.207	180	86526	4.826	ug/L	98
71) Naphthalene	13.448	128	109094	4.260	ug/L	99
72) 1,2,3-Trichlorobenzene	13.689	180	72704	4.681	ug/L	99

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

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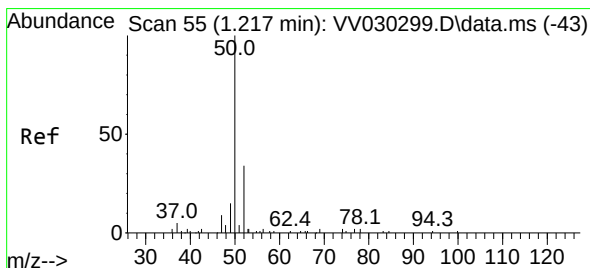
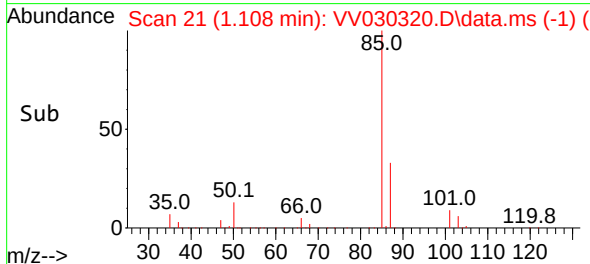
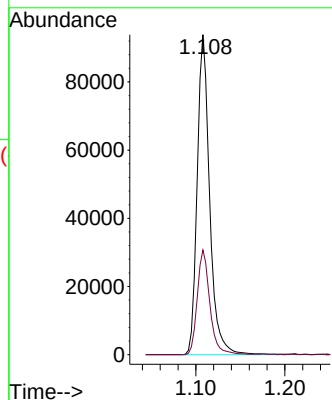
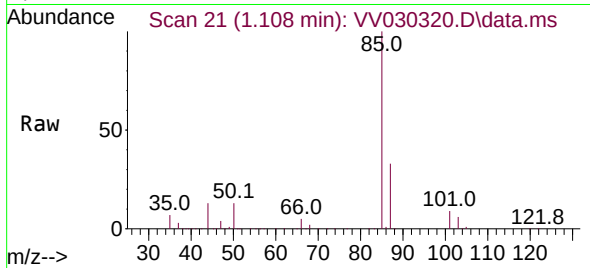




#2
 Dichlorodifluoromethane
 Concen: 4.831 ug/L
 RT: 1.108 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VV030320.D
 Acq: 29 Mar 2023 11:51

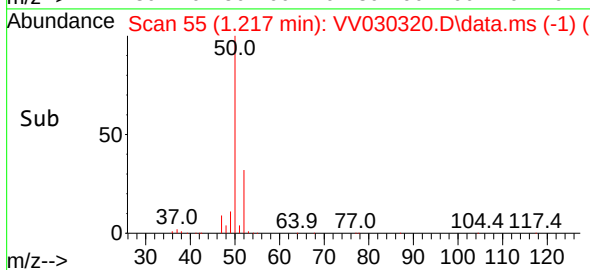
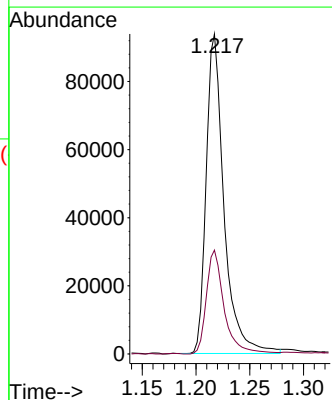
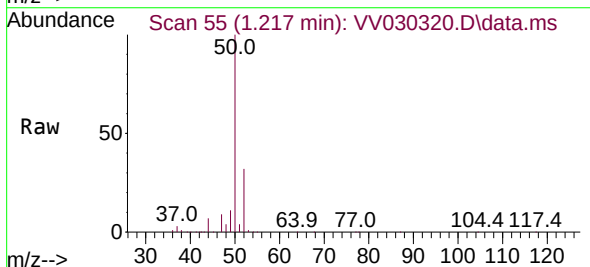
Instrument :
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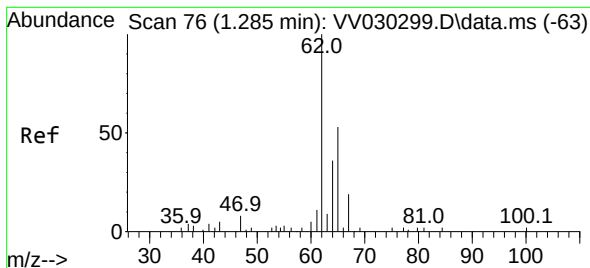
Tgt Ion: 85 Resp: 91647
 Ion Ratio Lower Upper
 85 100
 87 33.0 25.6 38.4



#3
 Chloromethane
 Concen: 4.504 ug/L
 RT: 1.217 min Scan# 55
 Delta R.T. -0.000 min
 Lab File: VV030320.D
 Acq: 29 Mar 2023 11:51

Tgt Ion: 50 Resp: 107824
 Ion Ratio Lower Upper
 50 100
 52 32.4 22.3 41.5





#5

Vinyl chloride

Concen: 4.705 ug/L

RT: 1.285 min Scan# 76

Delta R.T. -0.000 min

Lab File: VV030320.D

Acq: 29 Mar 2023 11:51

Instrument :

MSVOA_V

ClientSampleId :

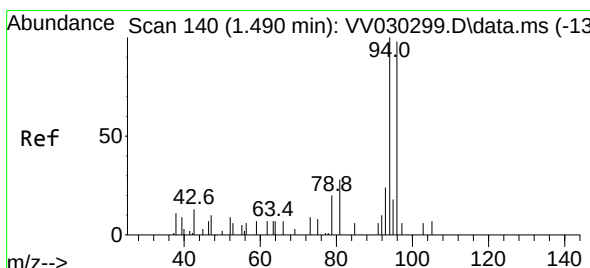
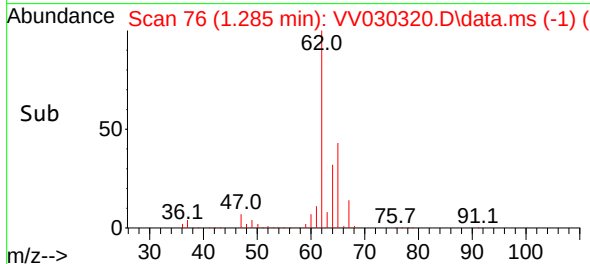
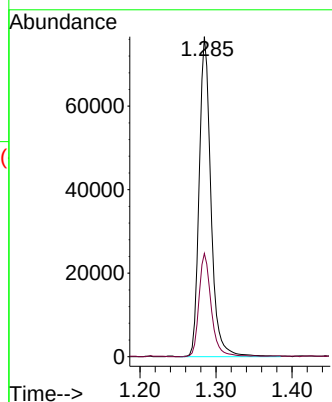
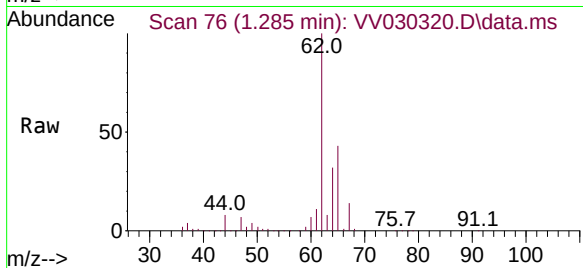
VSTD005314

Tgt Ion: 62 Resp: 82110

Ion Ratio Lower Upper

62 100

64 32.2 23.2 43.2



#6

Bromomethane

Concen: 5.170 ug/L

RT: 1.490 min Scan# 140

Delta R.T. -0.000 min

Lab File: VV030320.D

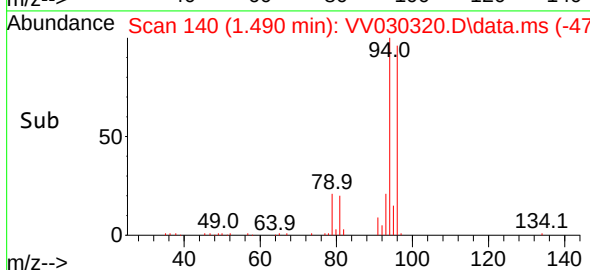
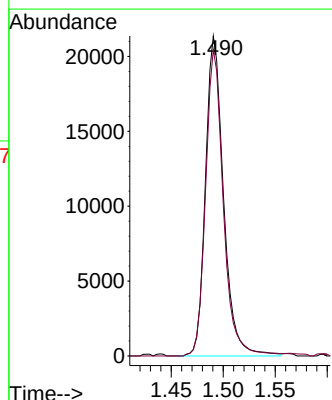
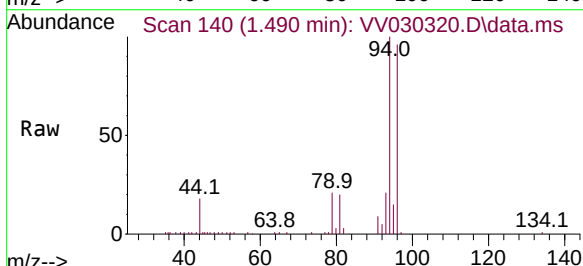
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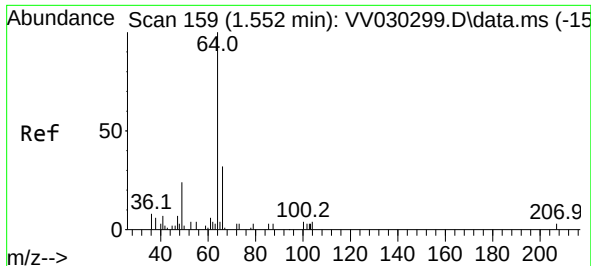
Tgt Ion: 94 Resp: 25732

Ion Ratio Lower Upper

94 100

96 95.8 66.1 122.7

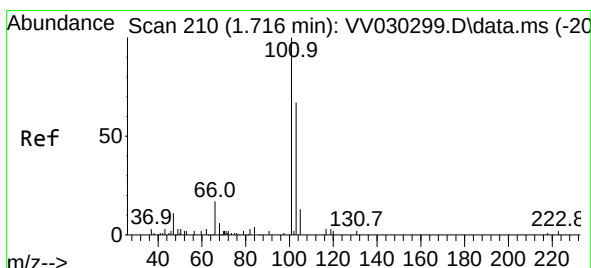
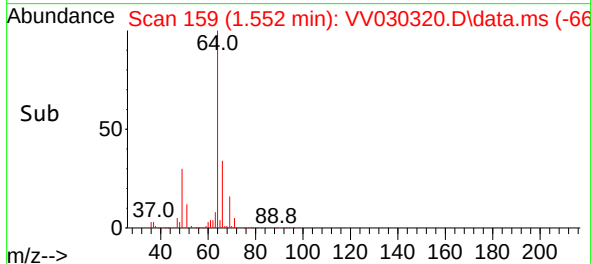
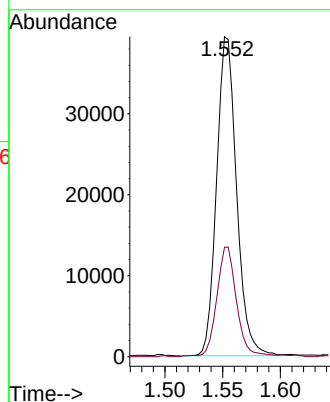
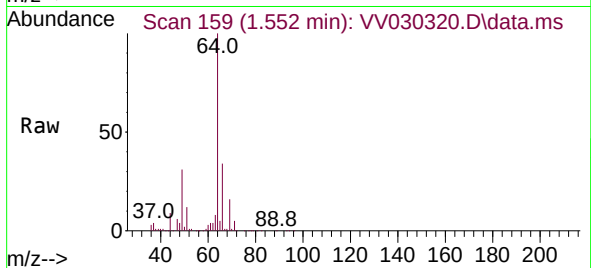




#8
Chloroethane
Concen: 4.745 ug/L
RT: 1.552 min Scan# 11
Delta R.T. -0.000 min
Lab File: VV030320.D
Acq: 29 Mar 2023 11:51

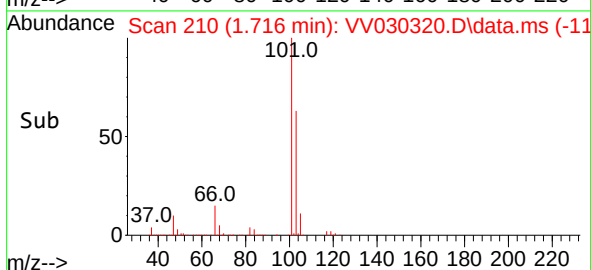
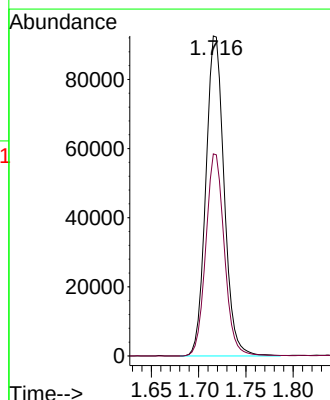
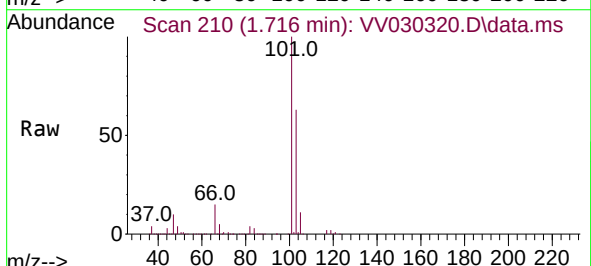
Instrument :
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ClientSampleId :
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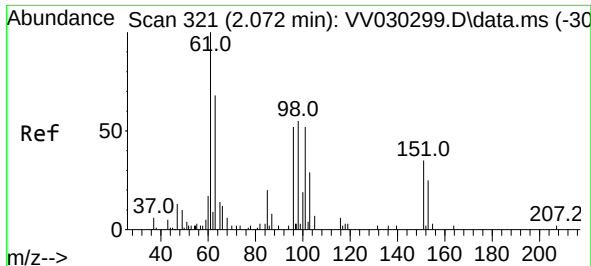
Tgt Ion: 64 Resp: 47437
Ion Ratio Lower Upper
64 100
66 34.2 23.0 42.8



#9
Trichlorofluoromethane
Concen: 4.902 ug/L
RT: 1.716 min Scan# 210
Delta R.T. -0.000 min
Lab File: VV030320.D
Acq: 29 Mar 2023 11:51

Tgt Ion:101 Resp: 124706
Ion Ratio Lower Upper
101 100
103 63.9 51.0 76.6

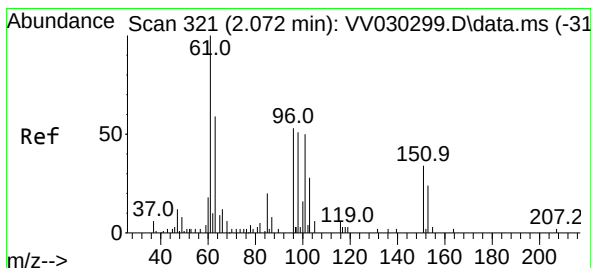
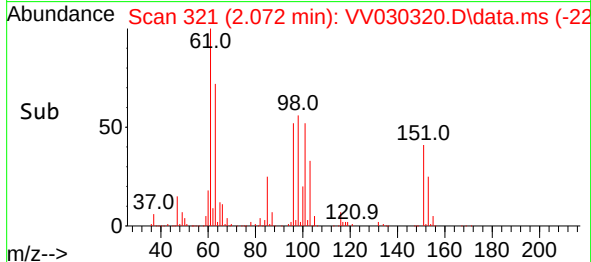
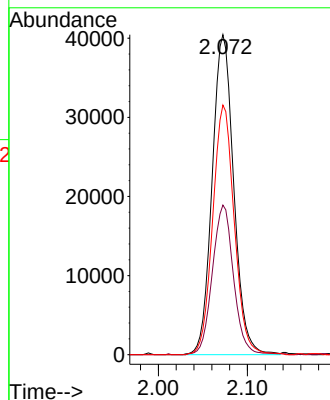
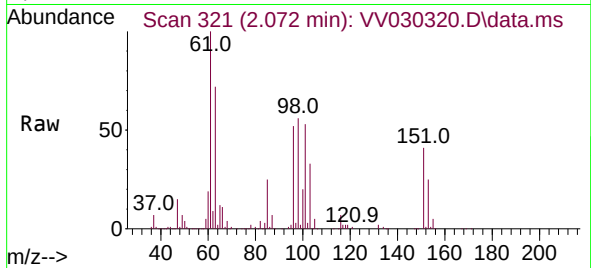




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 4.855 ug/L
 RT: 2.072 min Scan# 321
 Delta R.T. -0.000 min
 Lab File: VV030320.D
 Acq: 29 Mar 2023 11:51

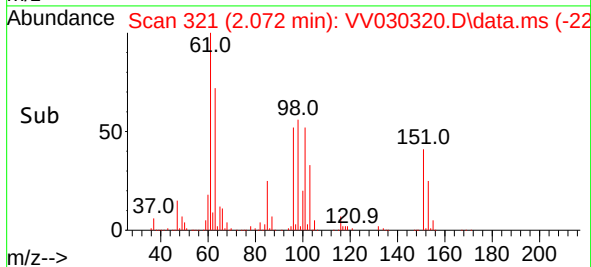
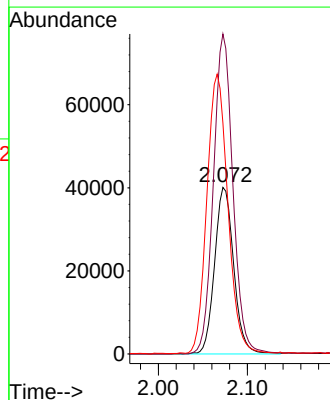
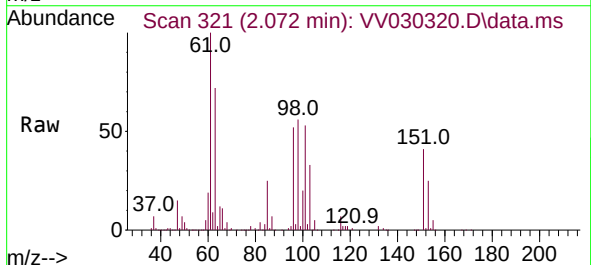
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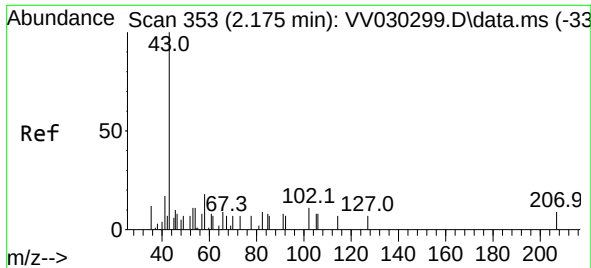
Tgt Ion:101 Resp: 68168
 Ion Ratio Lower Upper
 101 100
 85 45.9 38.1 57.1
 151 77.9 62.7 94.1



#12
 1,1-Dichloroethene
 Concen: 4.805 ug/L
 RT: 2.072 min Scan# 321
 Delta R.T. -0.000 min
 Lab File: VV030320.D
 Acq: 29 Mar 2023 11:51

Tgt Ion: 96 Resp: 59904
 Ion Ratio Lower Upper
 96 100
 61 192.0 136.3 253.1
 63 138.6 92.1 171.1

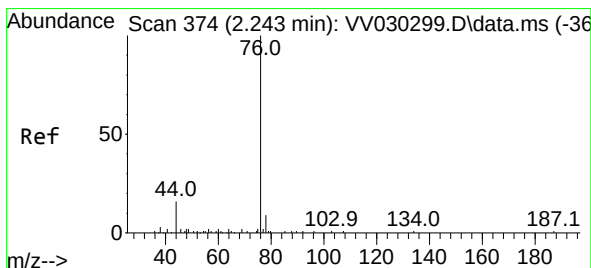
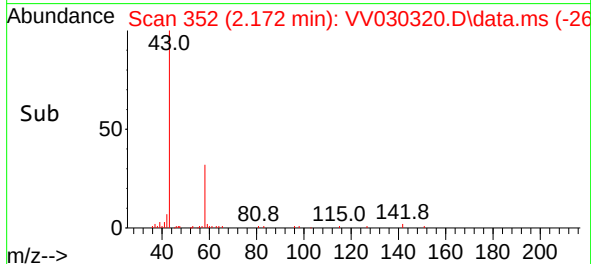
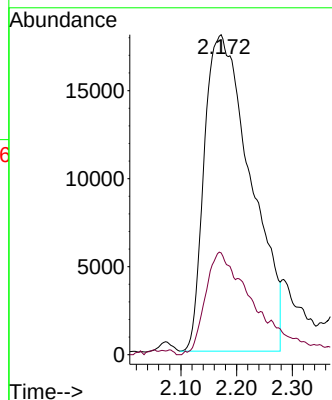
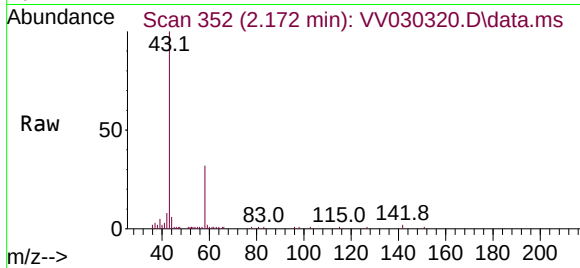




#13
Acetone
Concen: 42.709 ug/L
RT: 2.172 min Scan# 311
Delta R.T. -0.010 min
Lab File: VV030320.D
Acq: 29 Mar 2023 11:51

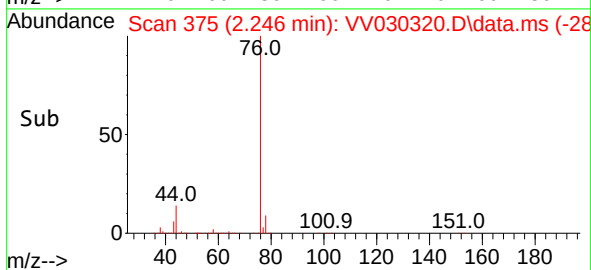
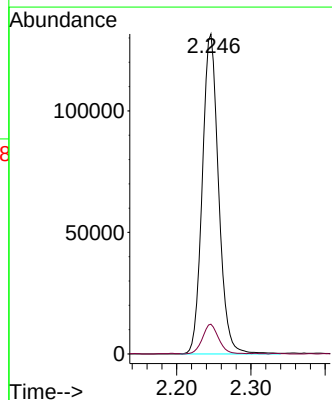
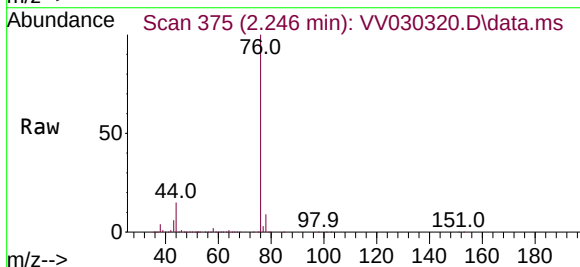
Instrument :
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VSTD005314

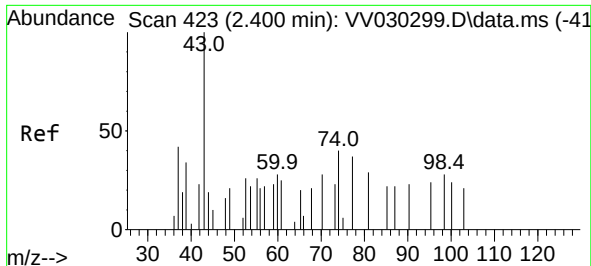
Tgt Ion: 43 Resp: 104327
Ion Ratio Lower Upper
43 100
58 28.8 0.0 40.8



#14
Carbon disulfide
Concen: 4.883 ug/L
RT: 2.246 min Scan# 375
Delta R.T. 0.003 min
Lab File: VV030320.D
Acq: 29 Mar 2023 11:51

Tgt Ion: 76 Resp: 200550
Ion Ratio Lower Upper
76 100
78 9.3 7.3 10.9

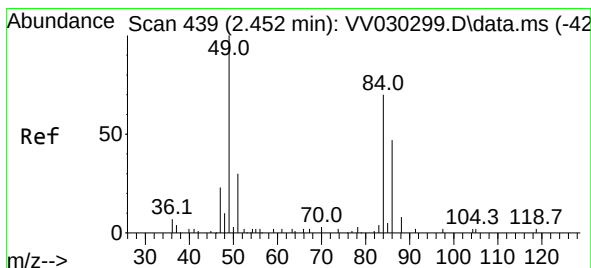
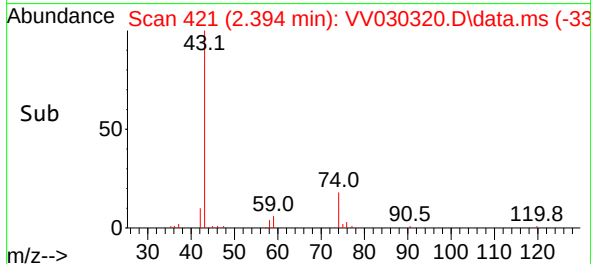
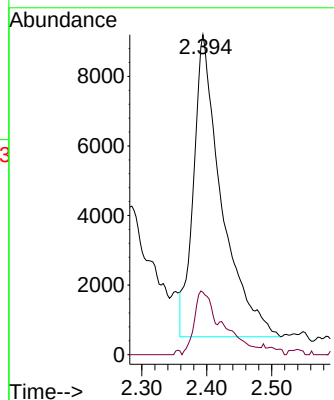
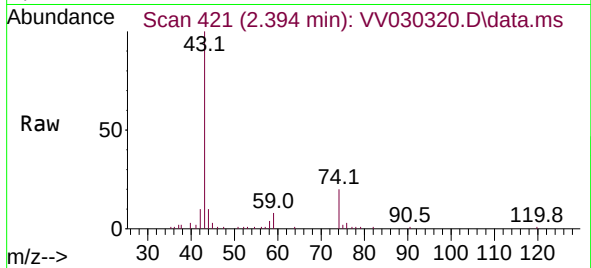




#15
Methyl Acetate
Concen: 5.971 ug/L
RT: 2.394 min Scan# 41
Delta R.T. -0.010 min
Lab File: VV030320.D
Acq: 29 Mar 2023 11:51

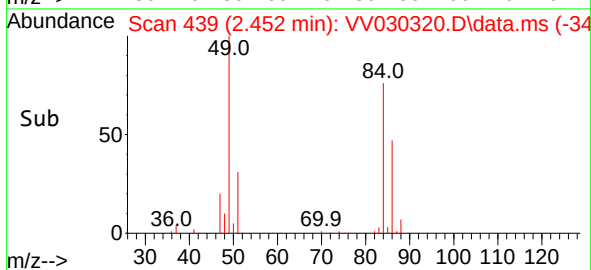
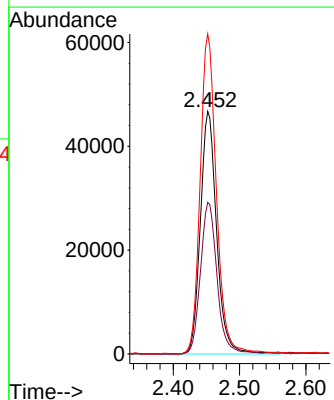
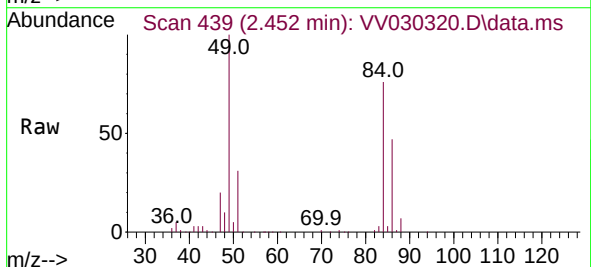
Instrument :
MSVOA_V
ClientSampleId :
VSTD005314

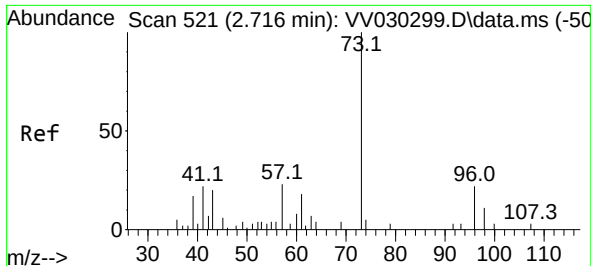
Tgt Ion: 43 Resp: 26064
Ion Ratio Lower Upper
43 100
74 13.9 22.1 33.1#



#16
Methylene chloride
Concen: 5.413 ug/L
RT: 2.452 min Scan# 439
Delta R.T. -0.000 min
Lab File: VV030320.D
Acq: 29 Mar 2023 11:51

Tgt Ion: 84 Resp: 79823
Ion Ratio Lower Upper
84 100
86 62.5 44.0 81.6
49 132.0 90.6 168.3

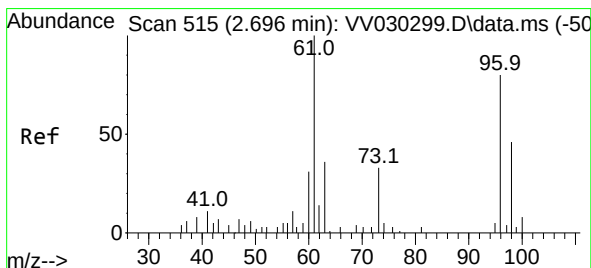
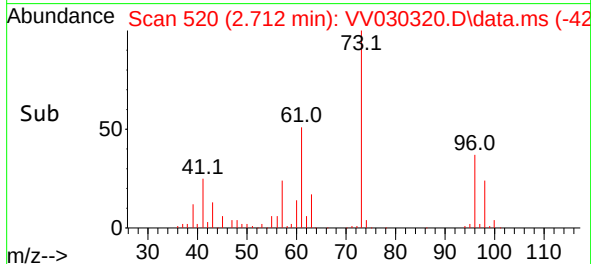
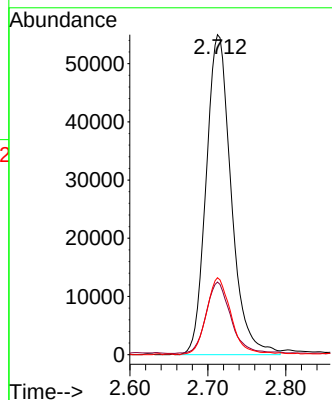
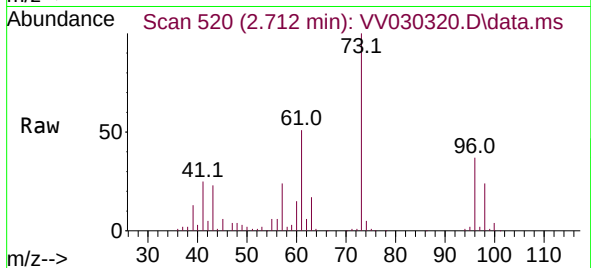




#17
Methyl tert-butyl Ether
Concen: 4.652 ug/L
RT: 2.712 min Scan# 51
Delta R.T. -0.003 min
Lab File: VV030320.D
Acq: 29 Mar 2023 11:51

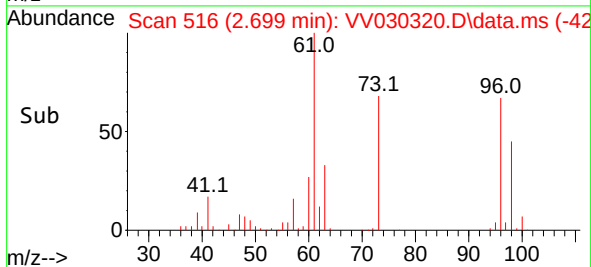
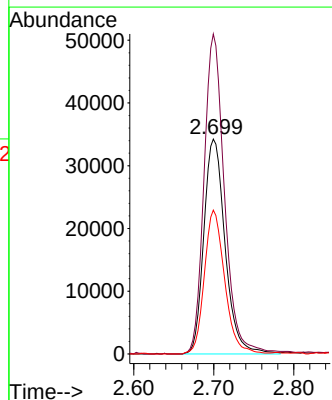
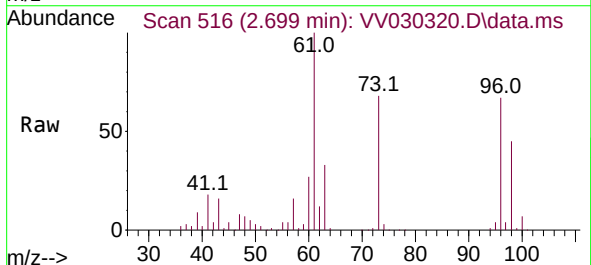
Instrument :
MSVOA_V
ClientSampleId :
VSTD005314

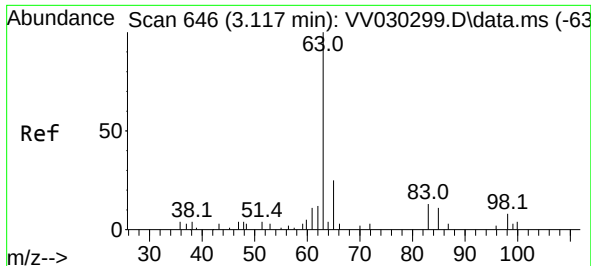
Tgt Ion: 73 Resp: 122834
Ion Ratio Lower Upper
73 100
43 21.9 17.4 26.2
57 23.6 18.3 27.5



#18
trans-1,2-Dichloroethene
Concen: 4.833 ug/L
RT: 2.699 min Scan# 516
Delta R.T. -0.000 min
Lab File: VV030320.D
Acq: 29 Mar 2023 11:51

Tgt Ion: 96 Resp: 63488
Ion Ratio Lower Upper
96 100
61 148.9 101.7 188.9
98 66.9 45.8 85.2

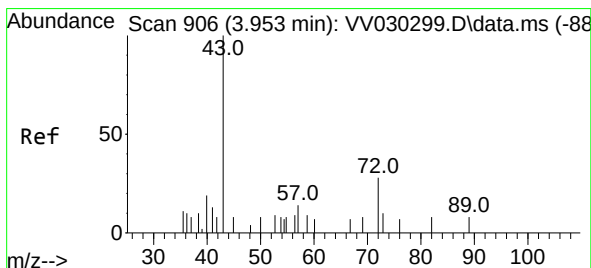
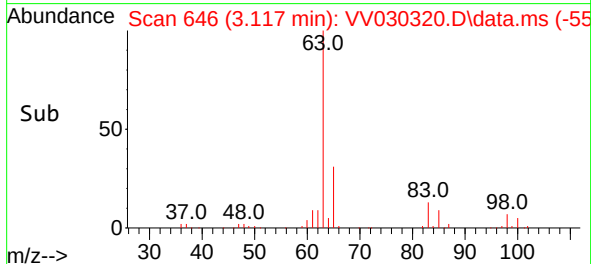
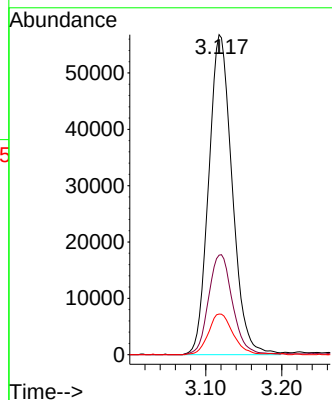
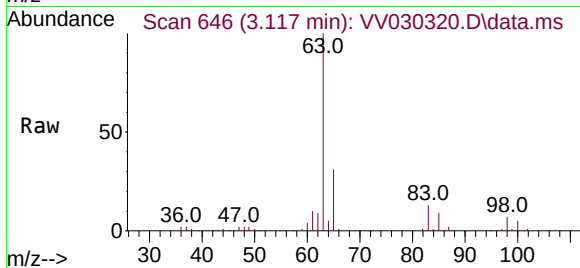




#19
1,1-Dichloroethane
Concen: 4.781 ug/L
RT: 3.117 min Scan# 646
Delta R.T. -0.003 min
Lab File: VV030320.D
Acq: 29 Mar 2023 11:51

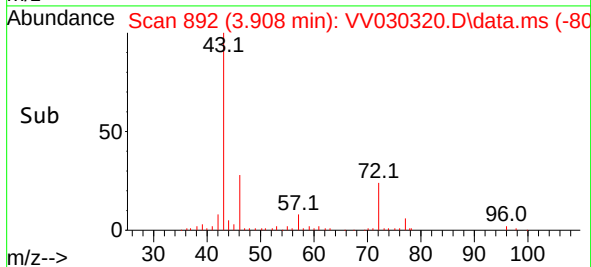
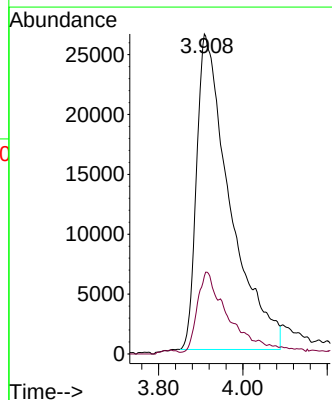
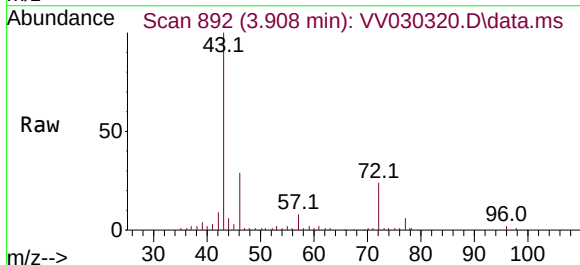
Instrument :
MSVOA_V
ClientSampleId :
VSTD005314

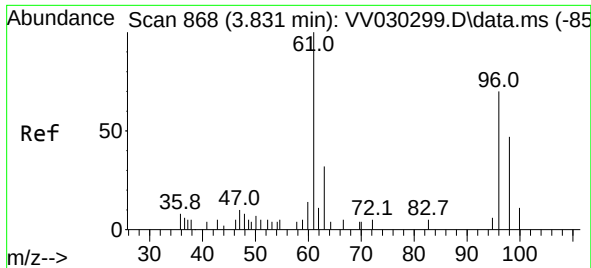
Tgt Ion: 63 Resp: 121741
Ion Ratio Lower Upper
63 100
65 31.1 21.7 40.3
83 12.7 9.1 16.9



#21
2-Butanone
Concen: 46.854 ug/L
RT: 3.908 min Scan# 892
Delta R.T. -0.013 min
Lab File: VV030320.D
Acq: 29 Mar 2023 11:51

Tgt Ion: 43 Resp: 144054
Ion Ratio Lower Upper
43 100
72 22.0 11.2 33.5

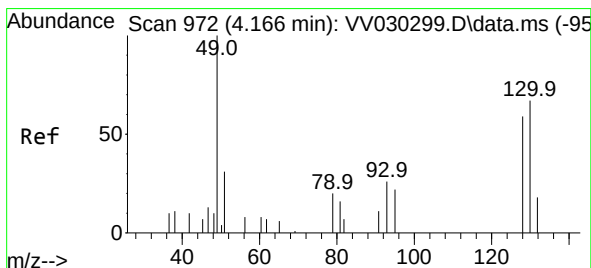
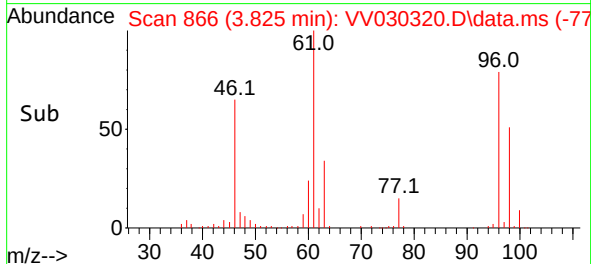
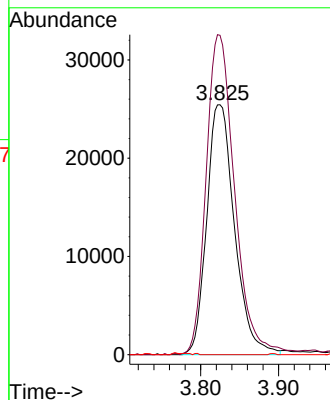
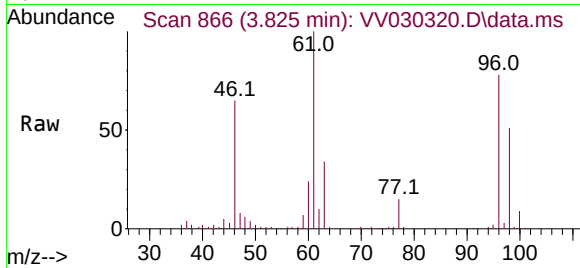




#22
 cis-1,2-Dichloroethene
 Concen: 4.789 ug/L
 RT: 3.825 min Scan# 866
 Delta R.T. -0.003 min
 Lab File: VV030320.D
 Acq: 29 Mar 2023 11:51

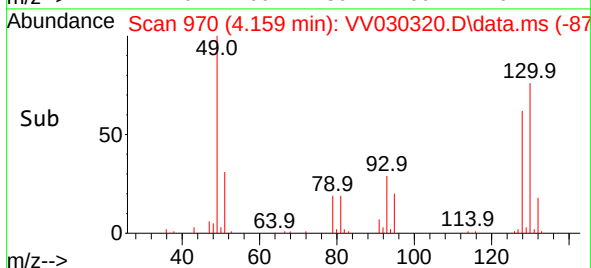
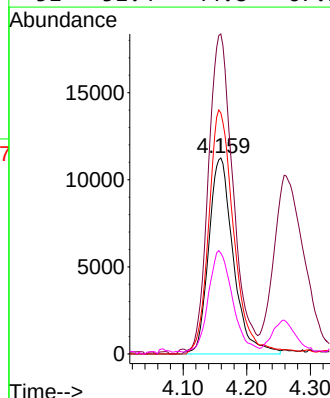
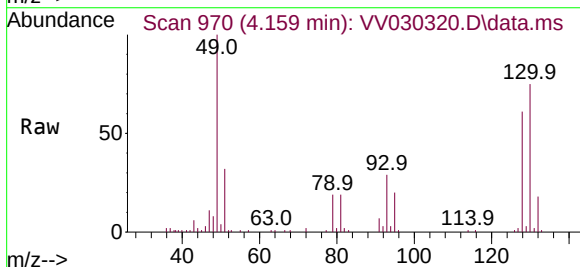
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005314

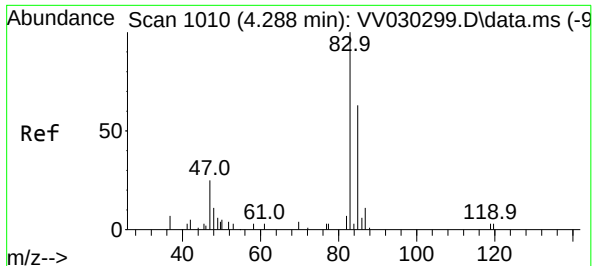
Tgt Ion: 96 Resp: 63134
 Ion Ratio Lower Upper
 96 100
 61 127.8 92.0 170.8
 68 0.0 0.0 0.0



#23
 Bromochloromethane
 Concen: 4.894 ug/L
 RT: 4.159 min Scan# 970
 Delta R.T. 0.003 min
 Lab File: VV030320.D
 Acq: 29 Mar 2023 11:51

Tgt Ion: 128 Resp: 30128
 Ion Ratio Lower Upper
 128 100
 49 163.2 119.4 221.8
 130 122.9 89.2 165.8
 51 51.4 44.8 67.2





#25

Chloroform

Concen: 4.905 ug/L

RT: 4.285 min Scan# 1010

Delta R.T. -0.003 min

Lab File: VV030320.D

Acq: 29 Mar 2023 11:51

Instrument :

MSVOA_V

ClientSampleId :

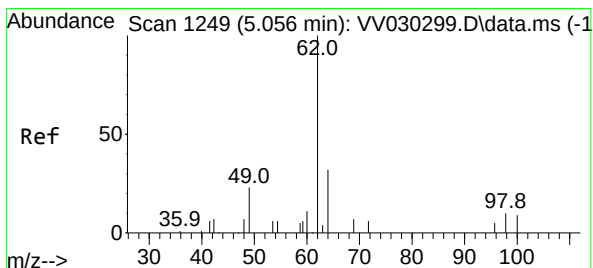
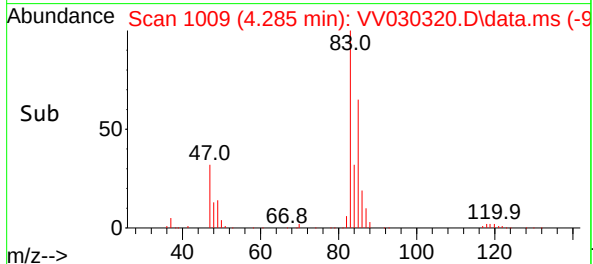
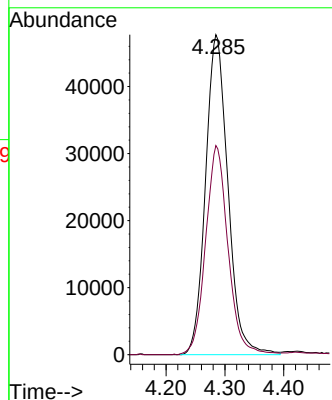
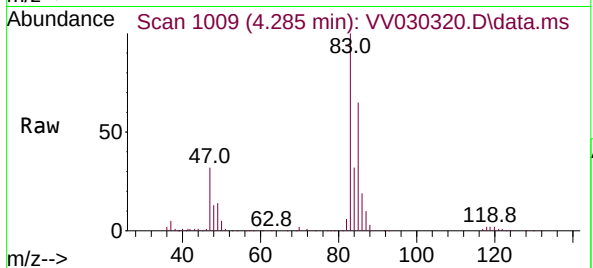
VSTD005314

Tgt Ion: 83 Resp: 126223

Ion Ratio Lower Upper

83 100

85 65.4 47.6 88.4



#27

1,2-Dichloroethane

Concen: 4.838 ug/L

RT: 5.050 min Scan# 1247

Delta R.T. -0.003 min

Lab File: VV030320.D

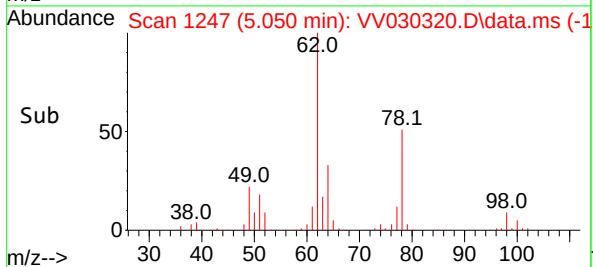
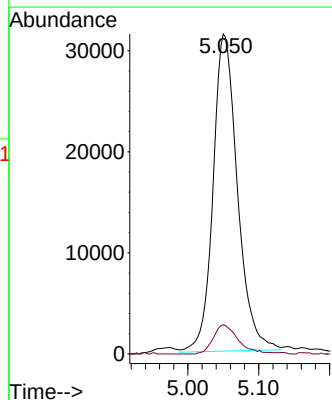
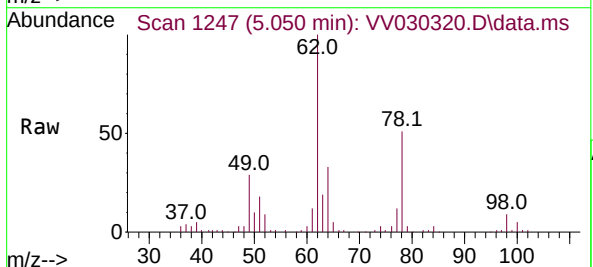
Acq: 29 Mar 2023 11:51

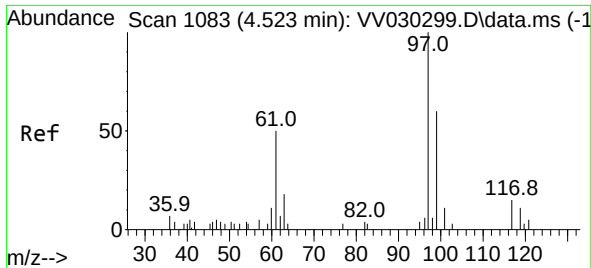
Tgt Ion: 62 Resp: 75265

Ion Ratio Lower Upper

62 100

98 9.1 7.8 11.8





#29

1,1,1-Trichloroethane

Concen: 5.151 ug/L

RT: 4.523 min Scan# 1105

Delta R.T. -0.000 min

Lab File: VV030320.D

Acq: 29 Mar 2023 11:51

Instrument :

MSVOA_V

ClientSampleId :

VSTD005314

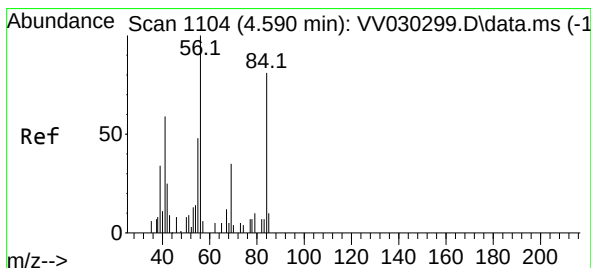
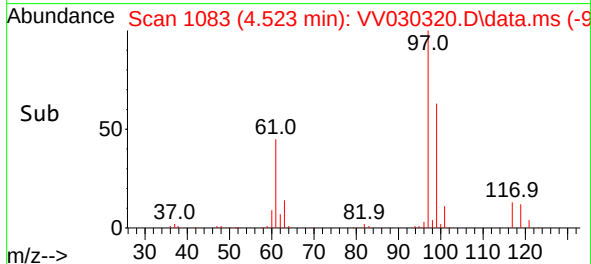
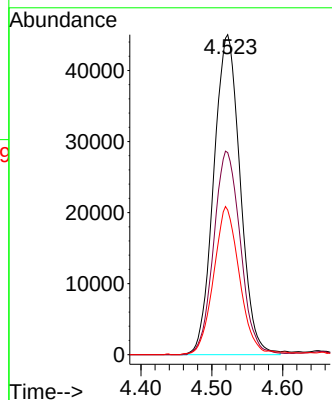
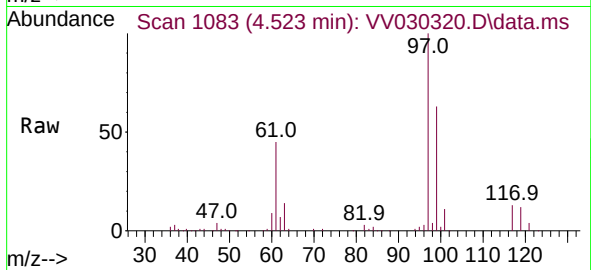
Tgt Ion: 97 Resp: 116834

Ion Ratio Lower Upper

97 100

99 64.2 50.9 76.3

61 44.9 35.9 53.9



#30

Cyclohexane

Concen: 5.053 ug/L

RT: 4.593 min Scan# 1105

Delta R.T. -0.000 min

Lab File: VV030320.D

Acq: 29 Mar 2023 11:51

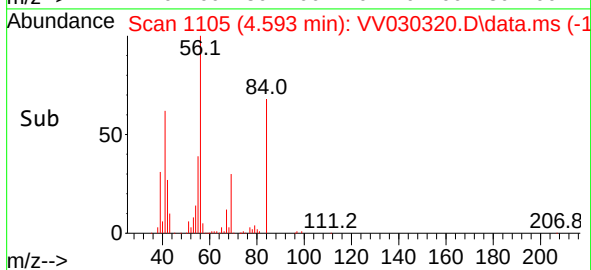
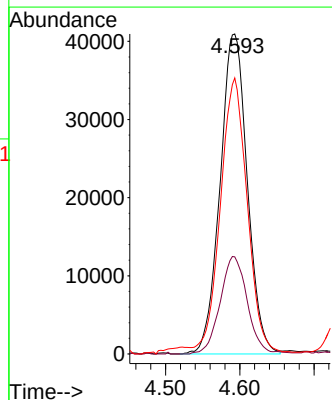
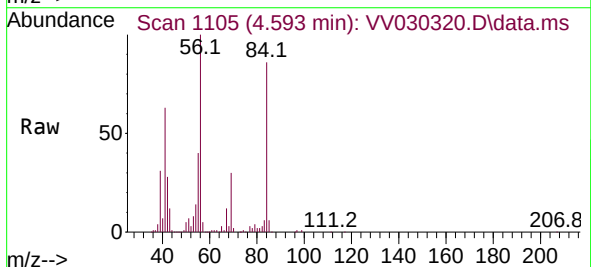
Tgt Ion: 56 Resp: 104418

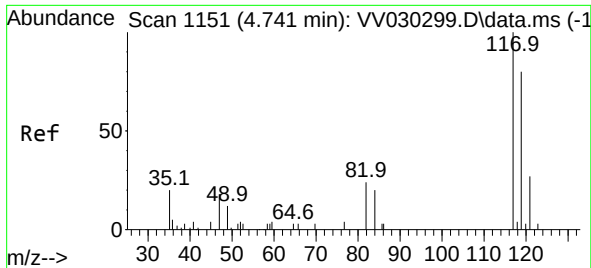
Ion Ratio Lower Upper

56 100

69 30.5 24.2 36.2

84 85.5 66.6 100.0

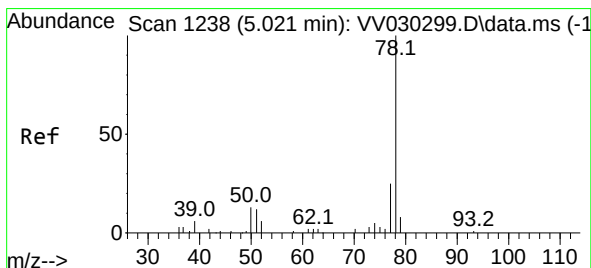
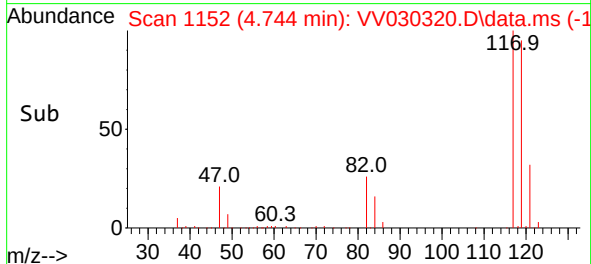
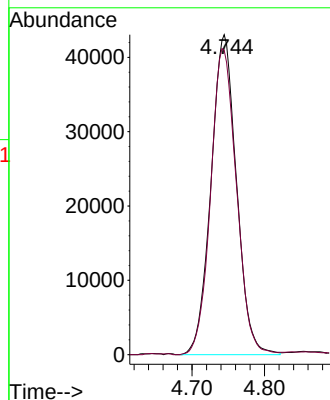
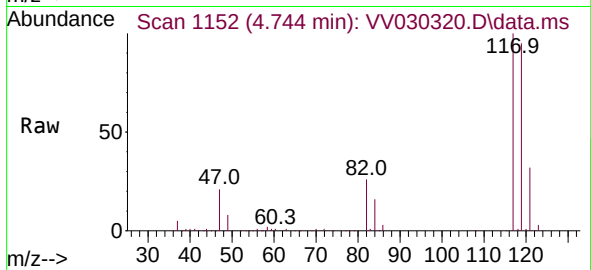




#31
Carbon tetrachloride
Concen: 5.106 ug/L
RT: 4.744 min Scan# 1151
Delta R.T. -0.000 min
Lab File: VV030320.D
Acq: 29 Mar 2023 11:51

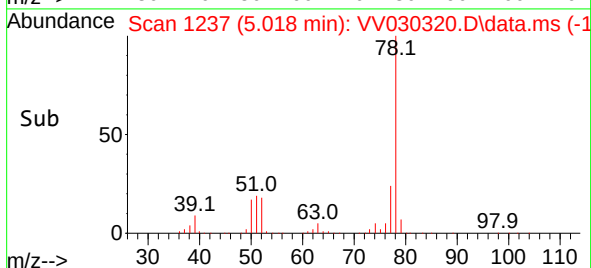
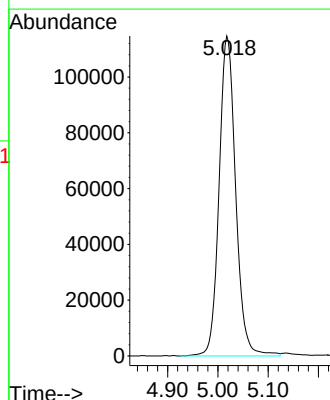
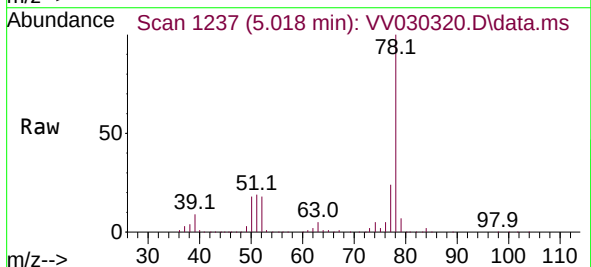
Instrument :
MSVOA_V
ClientSampleId :
VSTD005314

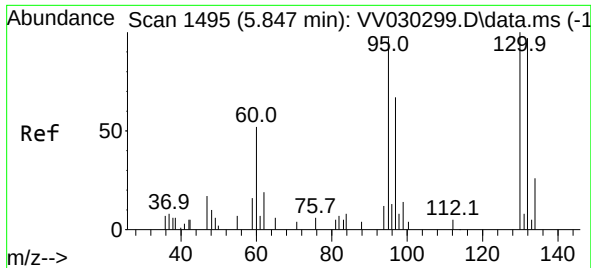
Tgt Ion:117 Resp: 105087
Ion Ratio Lower Upper
117 100
119 96.8 76.2 114.4



#33
Benzene
Concen: 5.243 ug/L
RT: 5.018 min Scan# 1237
Delta R.T. -0.003 min
Lab File: VV030320.D
Acq: 29 Mar 2023 11:51

Tgt Ion: 78 Resp: 262824



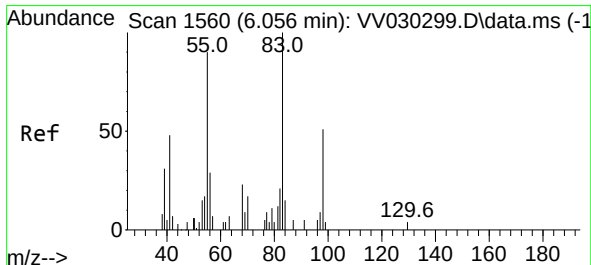
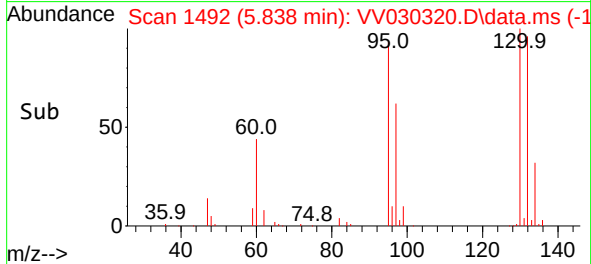
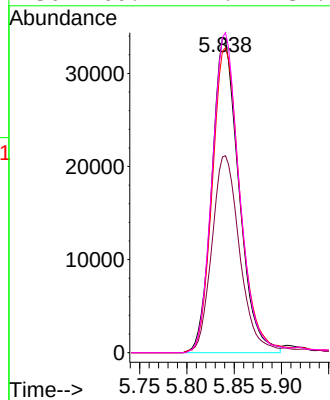
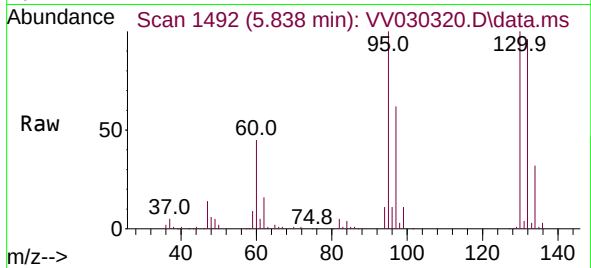


#34
Trichloroethene
Concen: 4.980 ug/L
RT: 5.838 min Scan# 1492
Delta R.T. -0.003 min
Lab File: VV030320.D
Acq: 29 Mar 2023 11:51

Instrument :
MSVOA_V
ClientSampleId :
VSTD005314

Tgt Ion: 95 Resp: 67330

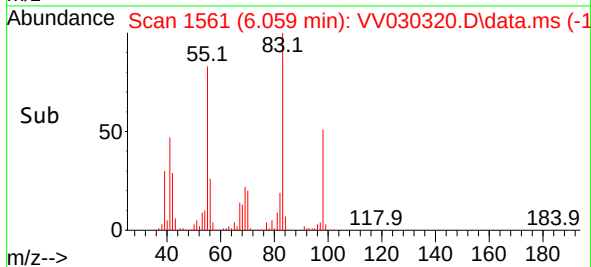
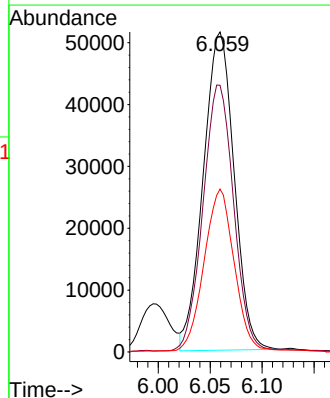
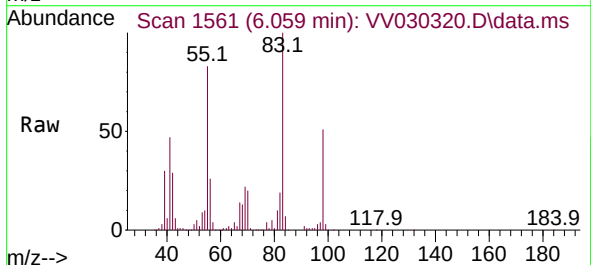
Ion	Ratio	Lower	Upper
95	100		
97	62.2	44.2	82.2
132	95.9	69.5	129.1
130	100.2	72.2	134.0

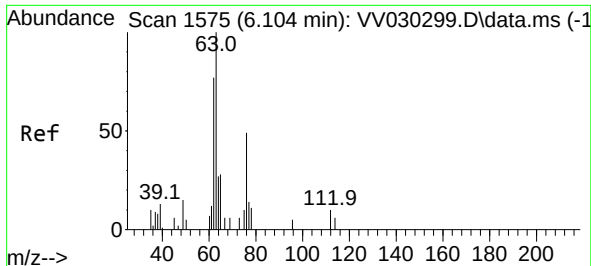


#35
Methylcyclohexane
Concen: 5.001 ug/L
RT: 6.059 min Scan# 1561
Delta R.T. -0.000 min
Lab File: VV030320.D
Acq: 29 Mar 2023 11:51

Tgt Ion: 83 Resp: 106114

Ion	Ratio	Lower	Upper
83	100		
55	83.2	66.6	100.0
98	51.3	38.6	58.0





#37

1,2-Dichloropropane

Concen: 5.122 ug/L

RT: 6.101 min Scan# 1

Delta R.T. -0.000 min

Lab File: VV030320.D

Acq: 29 Mar 2023 11:51

Instrument :

MSVOA_V

ClientSampleId :

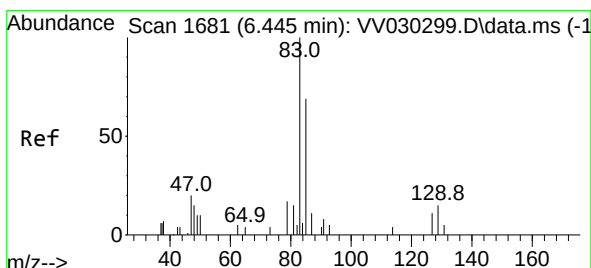
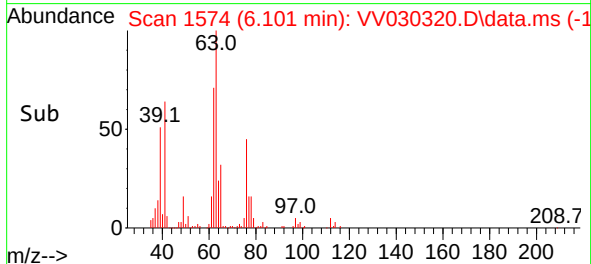
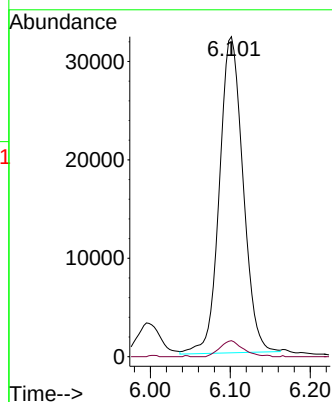
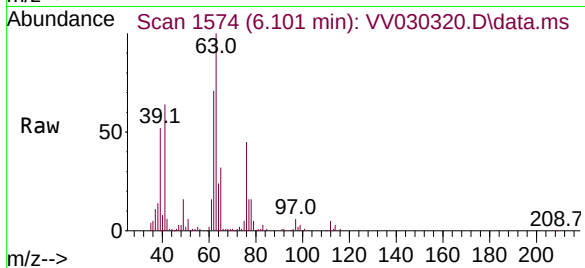
VSTD005314

Tgt Ion: 63 Resp: 65913

Ion Ratio Lower Upper

63 100

112 4.9 3.9 5.9



#38

Bromodichloromethane

Concen: 5.167 ug/L

RT: 6.439 min Scan# 1679

Delta R.T. -0.003 min

Lab File: VV030320.D

Acq: 29 Mar 2023 11:51

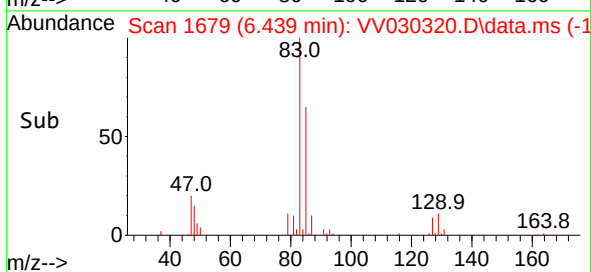
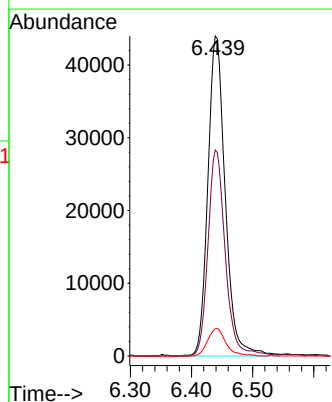
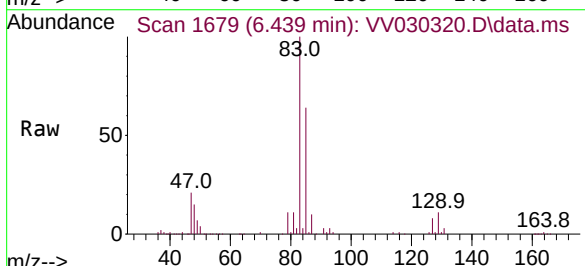
Tgt Ion: 83 Resp: 87078

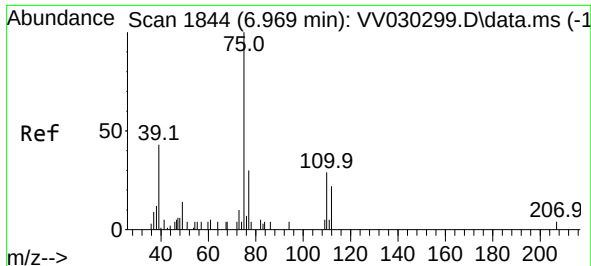
Ion Ratio Lower Upper

83 100

85 64.3 45.3 84.1

127 8.5 7.0 10.4





#39

cis-1,3-Dichloropropene

Concen: 4.858 ug/L

RT: 6.960 min Scan# 11

Delta R.T. -0.003 min

Lab File: VV030320.D

Acq: 29 Mar 2023 11:51

Instrument :

MSVOA_V

ClientSampleId :

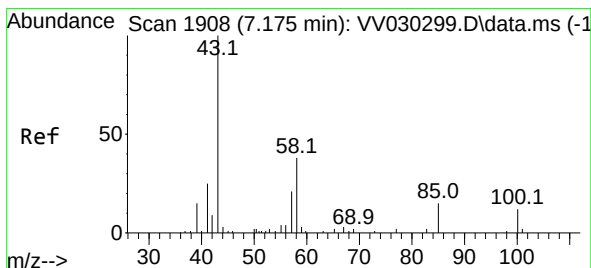
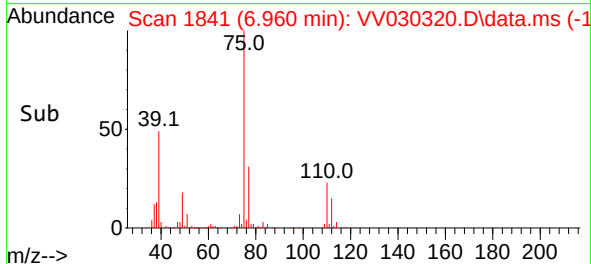
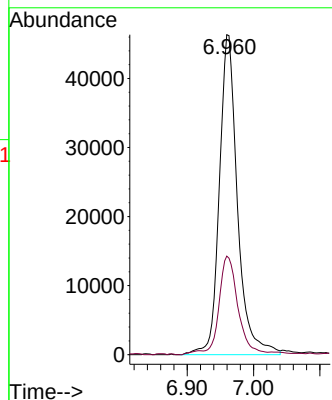
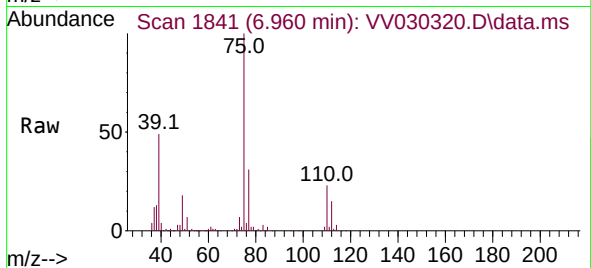
VSTD005314

Tgt Ion: 75 Resp: 87909

Ion Ratio Lower Upper

75 100

77 30.8 22.0 41.0



#40

4-Methyl-2-pentanone

Concen: 52.353 ug/L

RT: 7.169 min Scan# 1906

Delta R.T. -0.003 min

Lab File: VV030320.D

Acq: 29 Mar 2023 11:51

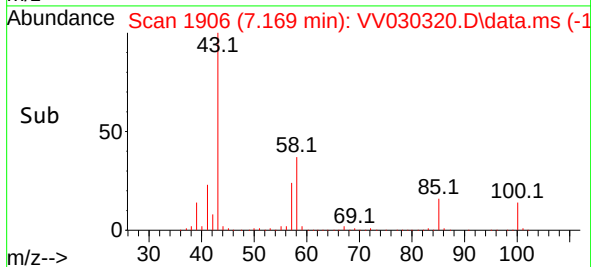
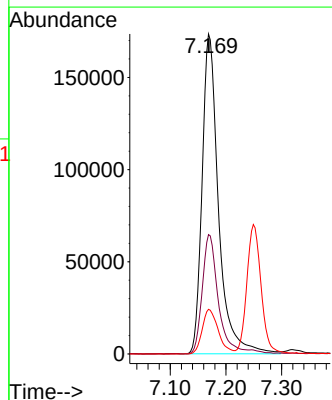
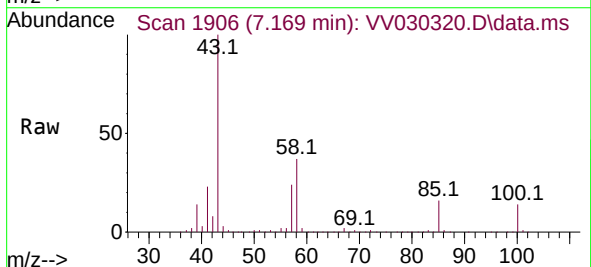
Tgt Ion: 43 Resp: 355007

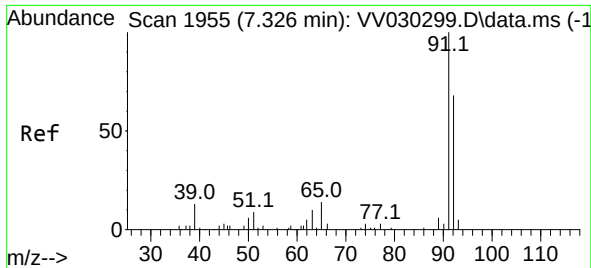
Ion Ratio Lower Upper

43 100

58 36.2 28.8 43.2

100 13.7 10.7 16.1





#42

Toluene

Concen: 5.379 ug/L

RT: 7.323 min Scan# 1954

Delta R.T. -0.000 min

Lab File: VV030320.D

Acq: 29 Mar 2023 11:51

Instrument :

MSVOA_V

ClientSampleId :

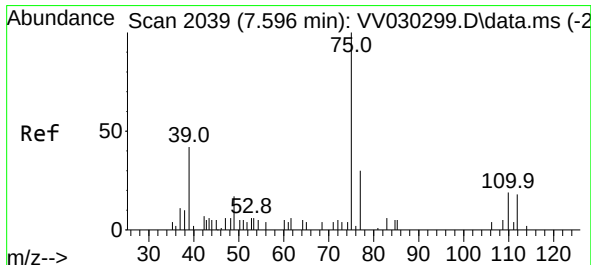
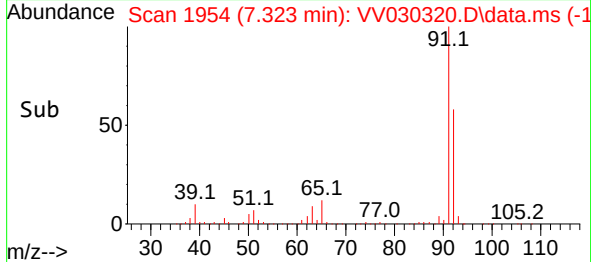
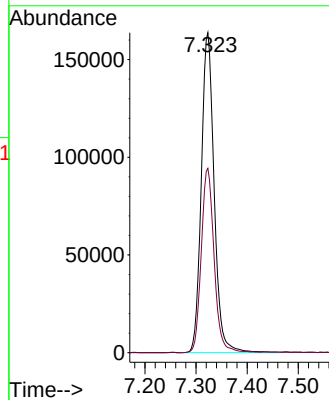
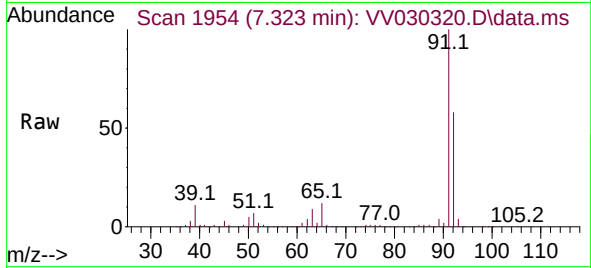
VSTD005314

Tgt Ion: 91 Resp: 287173

Ion Ratio Lower Upper

91 100

92 57.6 40.4 75.0



#44

trans-1,3-Dichloropropene

Concen: 4.847 ug/L

RT: 7.590 min Scan# 2037

Delta R.T. -0.000 min

Lab File: VV030320.D

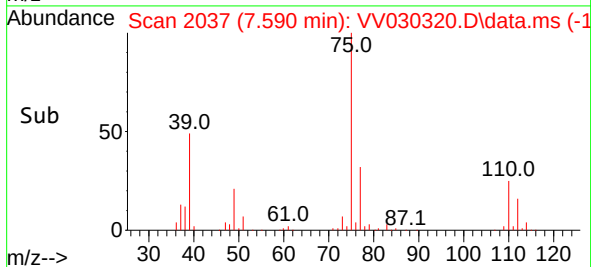
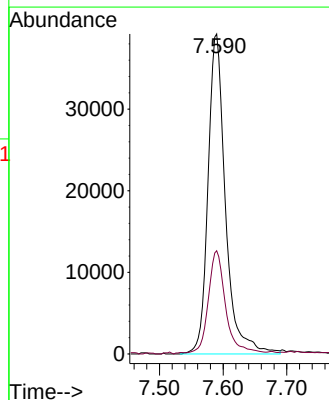
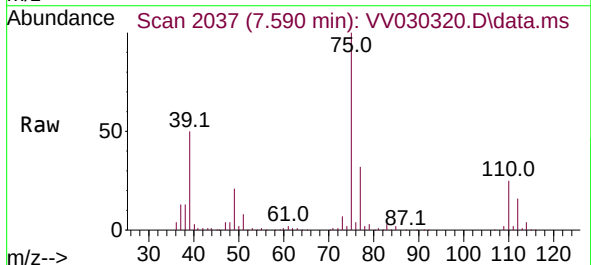
Acq: 29 Mar 2023 11:51

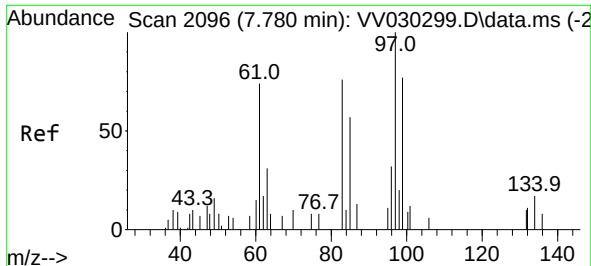
Tgt Ion: 75 Resp: 74633

Ion Ratio Lower Upper

75 100

77 32.3 21.2 39.4

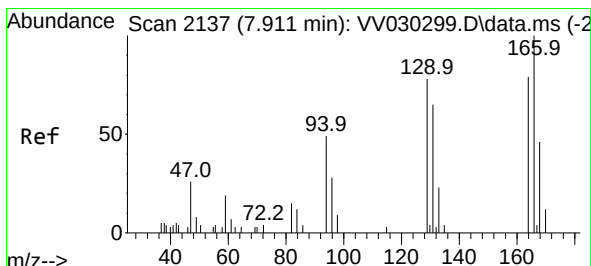
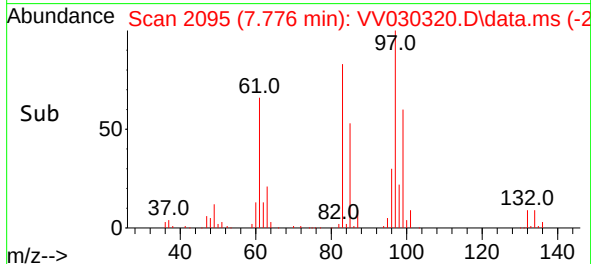
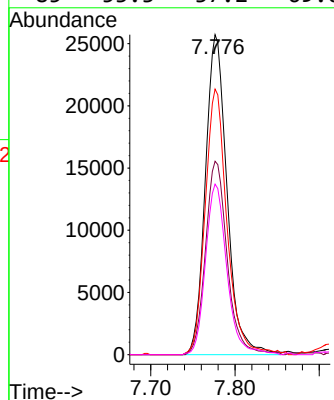
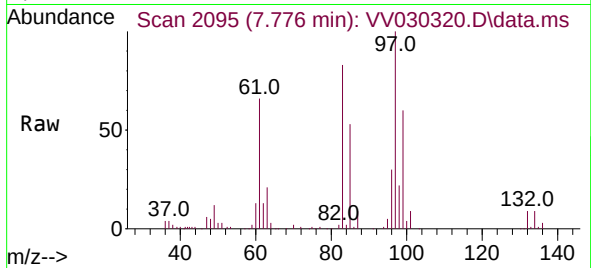




#45
1,1,2-Trichloroethane
Concen: 5.080 ug/L
RT: 7.776 min Scan# 2096
Delta R.T. -0.003 min
Lab File: VV030320.D
Acq: 29 Mar 2023 11:51

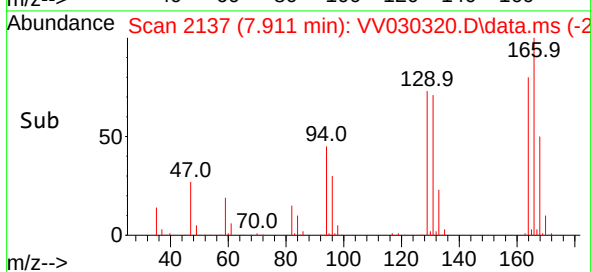
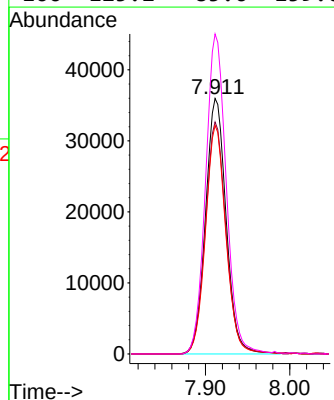
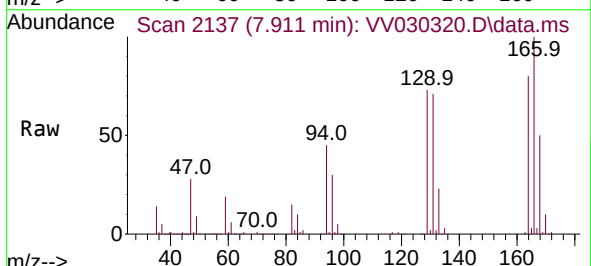
Instrument :
MSVOA_V
ClientSampleId :
VSTD005314

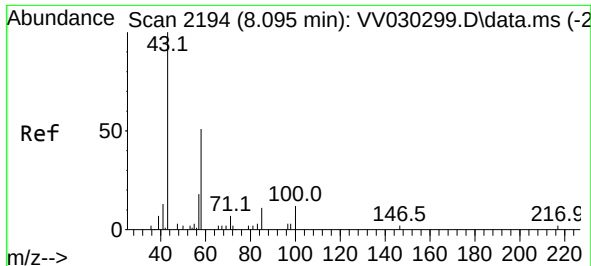
Tgt Ion:	97	Resp:	46026
Ion	Ratio	Lower	Upper
97	100		
99	60.4	44.0	81.8
83	83.0	58.8	109.2
85	53.3	37.2	69.0



#47
Tetrachloroethene
Concen: 5.123 ug/L
RT: 7.911 min Scan# 2137
Delta R.T. -0.000 min
Lab File: VV030320.D
Acq: 29 Mar 2023 11:51

Tgt Ion:	164	Resp:	61124
Ion	Ratio	Lower	Upper
164	100		
129	90.8	60.8	112.8
131	89.4	61.7	114.7
166	125.2	85.6	159.0

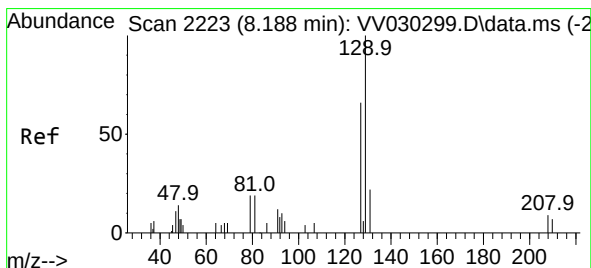
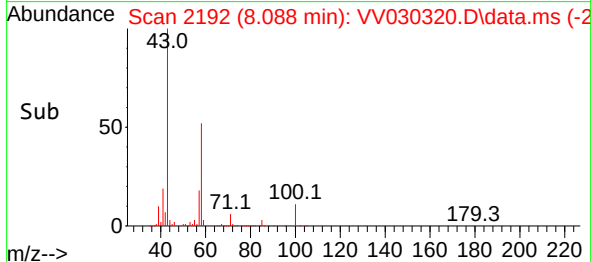
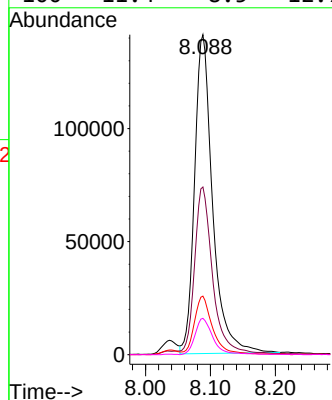
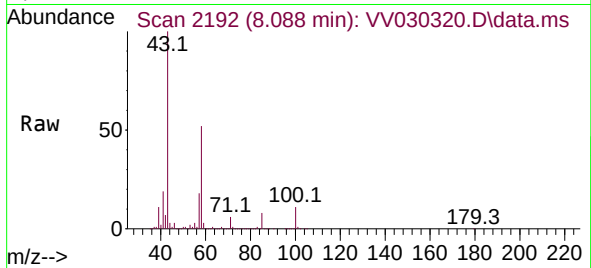




#48
2-Hexanone
Concen: 53.823 ug/L
RT: 8.088 min Scan# 2194
Delta R.T. -0.000 min
Lab File: VV030320.D
Acq: 29 Mar 2023 11:51

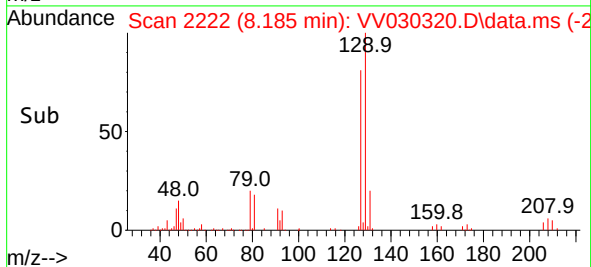
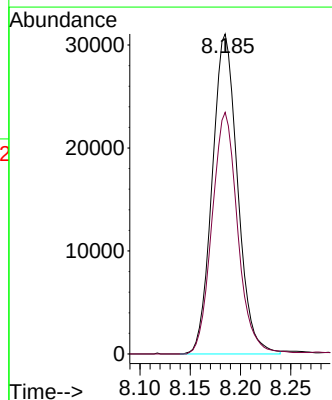
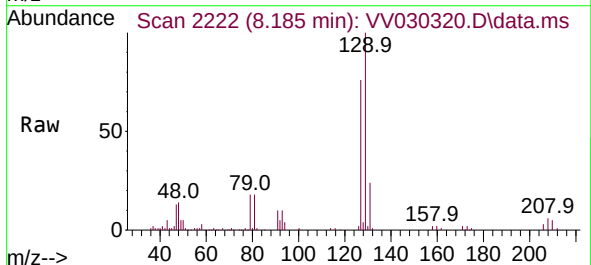
Instrument :
MSVOA_V
ClientSampleId :
VSTD005314

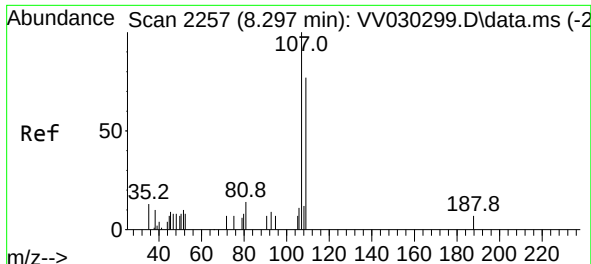
Tgt Ion: 43 Resp: 273342
Ion Ratio Lower Upper
43 100
58 52.4 40.3 60.5
57 18.2 14.6 22.0
100 11.4 8.5 12.7



#49
Dibromochloromethane
Concen: 5.056 ug/L
RT: 8.185 min Scan# 2222
Delta R.T. -0.000 min
Lab File: VV030320.D
Acq: 29 Mar 2023 11:51

Tgt Ion: 129 Resp: 54529
Ion Ratio Lower Upper
129 100
127 75.5 52.7 97.9





#50

1,2-Dibromoethane

Concen: 4.891 ug/L

RT: 8.291 min Scan# 21

Delta R.T. -0.000 min

Lab File: VV030320.D

Acq: 29 Mar 2023 11:51

Instrument :

MSVOA_V

ClientSampleId :

VSTD005314

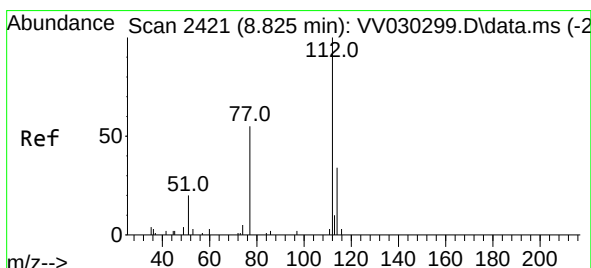
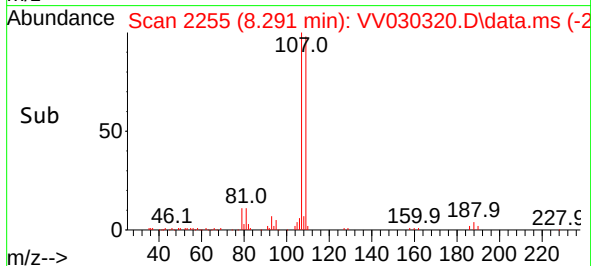
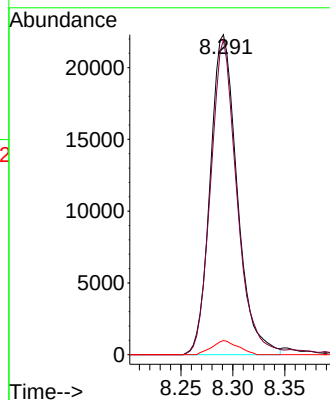
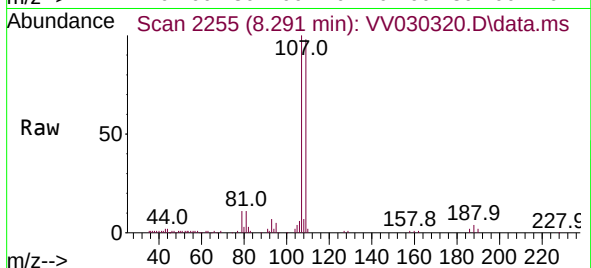
Tgt Ion:107 Resp: 40317

Ion Ratio Lower Upper

107 100

109 98.3 62.9 116.9

188 4.4 3.0 4.6



#51

Chlorobenzene

Concen: 5.123 ug/L

RT: 8.821 min Scan# 2420

Delta R.T. -0.000 min

Lab File: VV030320.D

Acq: 29 Mar 2023 11:51

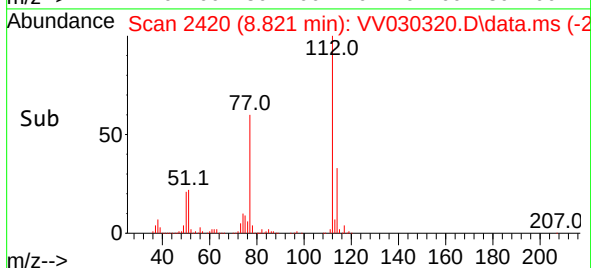
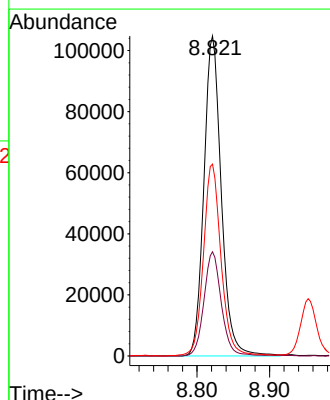
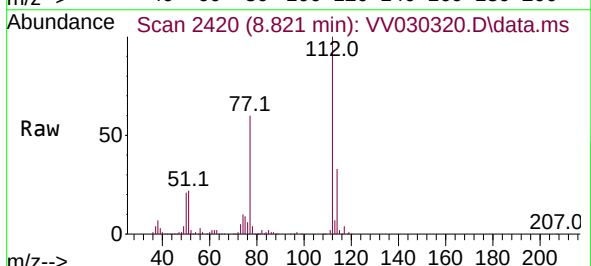
Tgt Ion:112 Resp: 175144

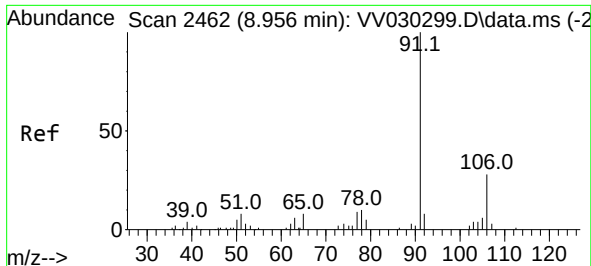
Ion Ratio Lower Upper

112 100

114 32.6 22.4 41.6

77 60.0 45.9 68.9

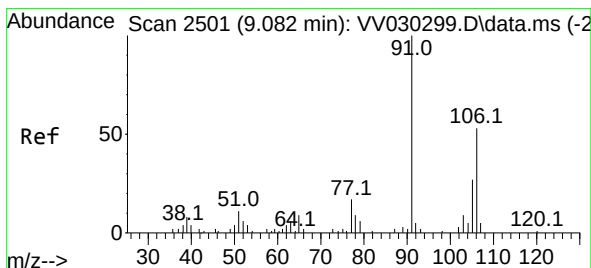
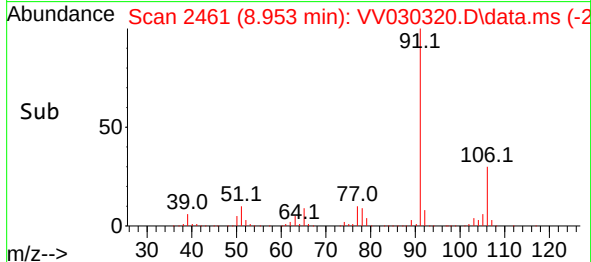
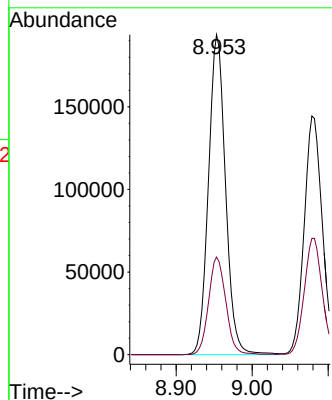
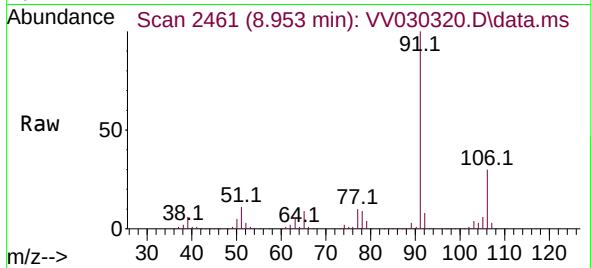




#52
Ethylbenzene
Concen: 5.167 ug/L
RT: 8.953 min Scan# 2461
Delta R.T. -0.000 min
Lab File: VV030320.D
Acq: 29 Mar 2023 11:51

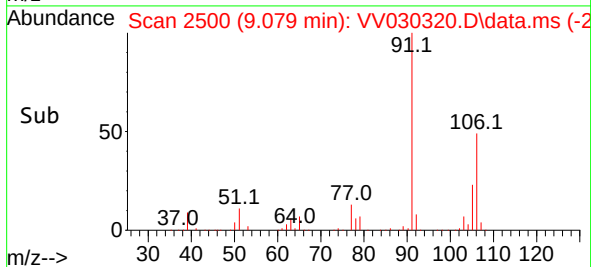
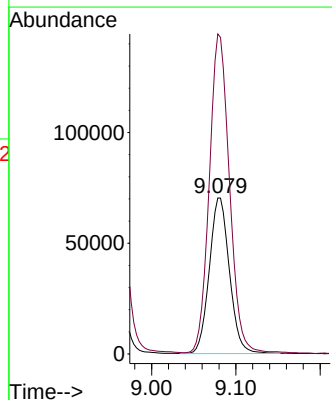
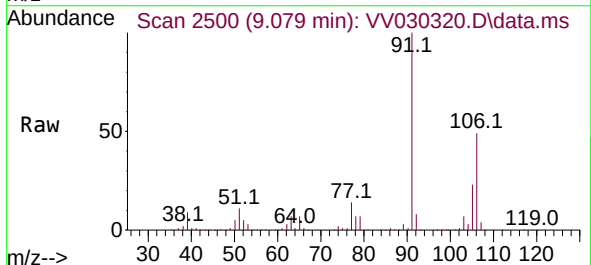
Instrument :
MSVOA_V
ClientSampleId :
VSTD005314

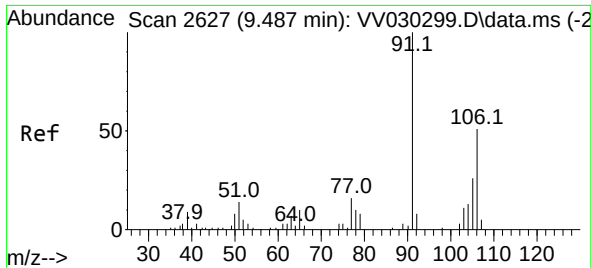
Tgt Ion: 91 Resp: 301811
Ion Ratio Lower Upper
91 100
106 30.5 22.2 41.2



#53
m,p-Xylene
Concen: 5.217 ug/L
RT: 9.079 min Scan# 2500
Delta R.T. -0.003 min
Lab File: VV030320.D
Acq: 29 Mar 2023 11:51

Tgt Ion:106 Resp: 116662
Ion Ratio Lower Upper
106 100
91 205.1 142.4 264.4

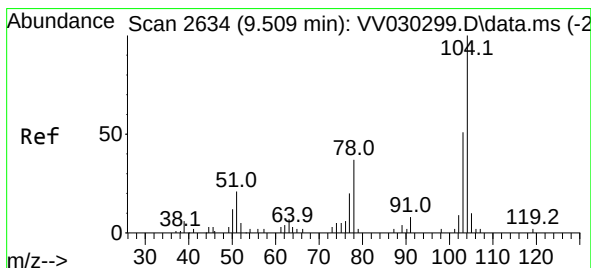
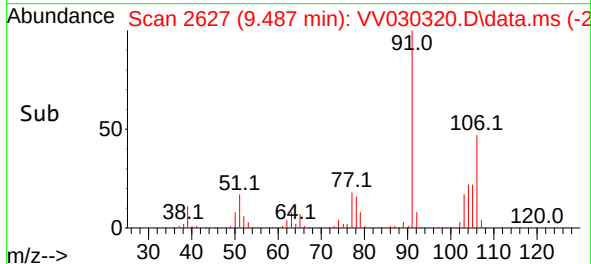
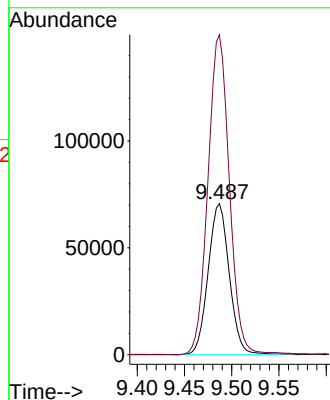
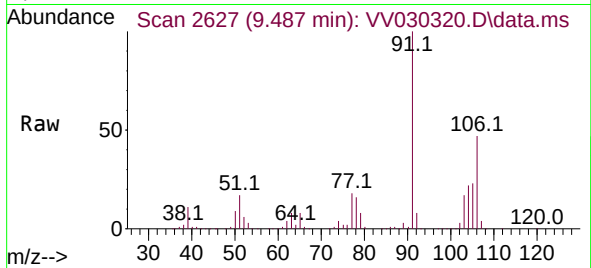




#54
o-Xylene
Concen: 5.139 ug/L
RT: 9.487 min Scan# 2627
Delta R.T. -0.000 min
Lab File: VV030320.D
Acq: 29 Mar 2023 11:51

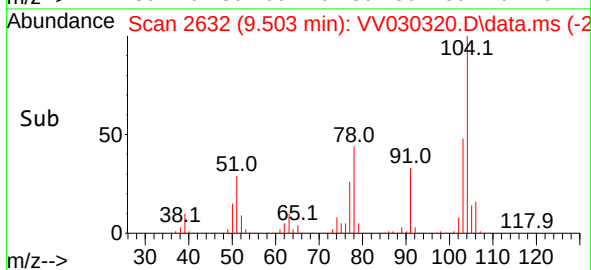
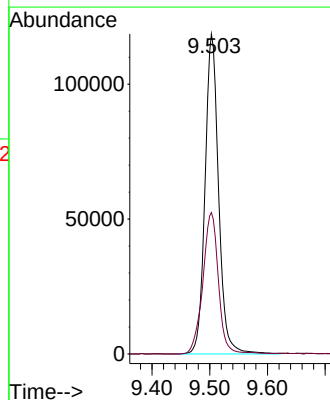
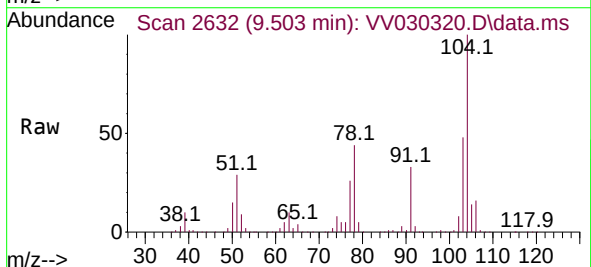
Instrument : MSVOA_V
ClientSampleId : VSTD005314

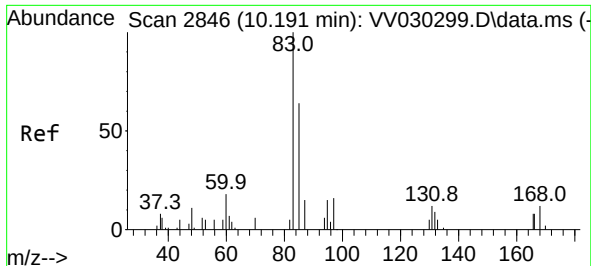
Tgt Ion:106 Resp: 109955
Ion Ratio Lower Upper
106 100
91 211.8 149.8 278.2



#55
Styrene
Concen: 5.333 ug/L
RT: 9.503 min Scan# 2632
Delta R.T. -0.000 min
Lab File: VV030320.D
Acq: 29 Mar 2023 11:51

Tgt Ion:104 Resp: 193812
Ion Ratio Lower Upper
104 100
78 44.2 31.9 59.2

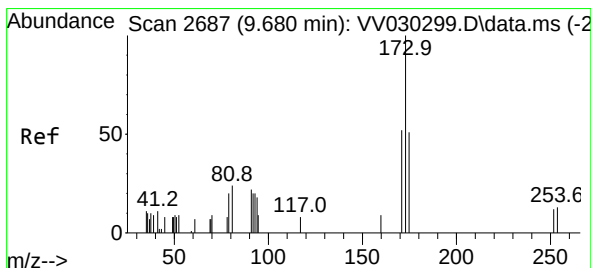
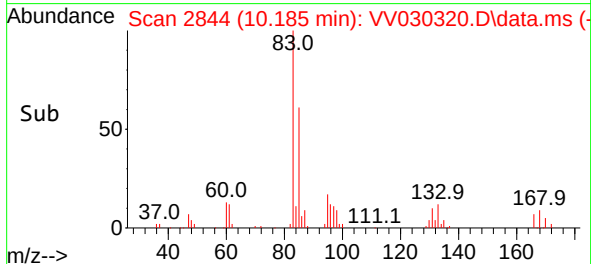
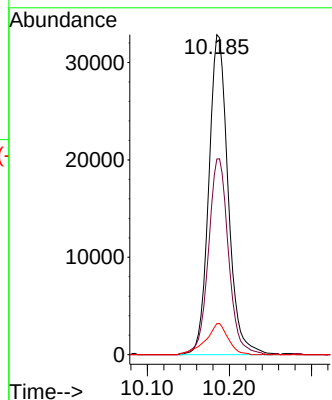
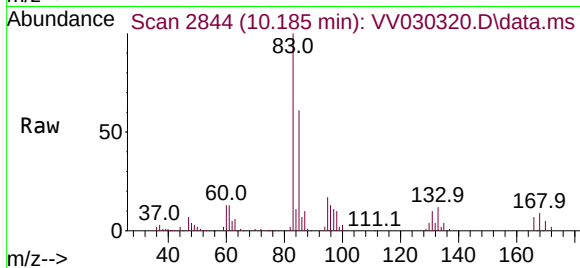




#57
1,1,2,2-Tetrachloroethane
Concen: 5.003 ug/L
RT: 10.185 min Scan# 2844
Delta R.T. -0.003 min
Lab File: VV030320.D
Acq: 29 Mar 2023 11:51

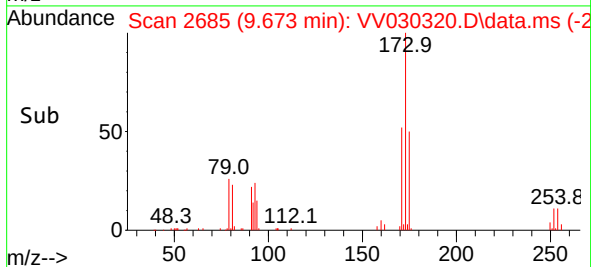
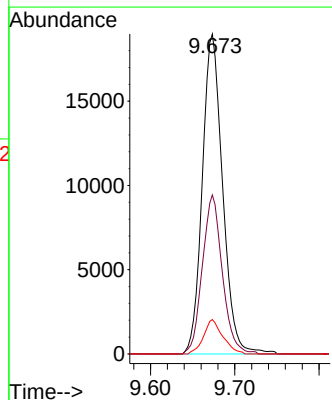
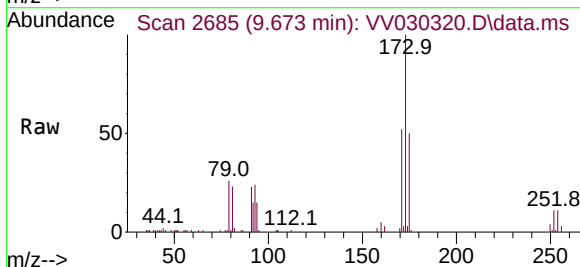
Instrument :
MSVOA_V
ClientSampleId :
VSTD005314

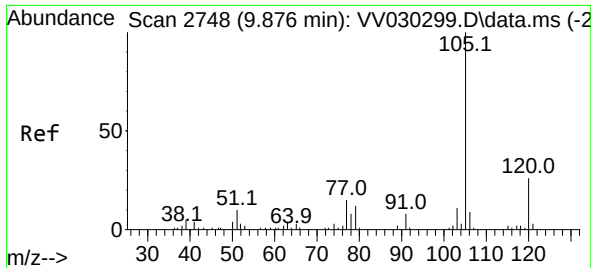
Tgt Ion: 83 Resp: 53808
Ion Ratio Lower Upper
83 100
85 61.2 45.3 84.1
131 9.7 8.2 12.4



#59
Bromoform
Concen: 4.813 ug/L
RT: 9.673 min Scan# 2685
Delta R.T. -0.000 min
Lab File: VV030320.D
Acq: 29 Mar 2023 11:51

Tgt Ion: 173 Resp: 31908
Ion Ratio Lower Upper
173 100
175 48.8 39.0 58.4
254 10.1 8.2 12.4

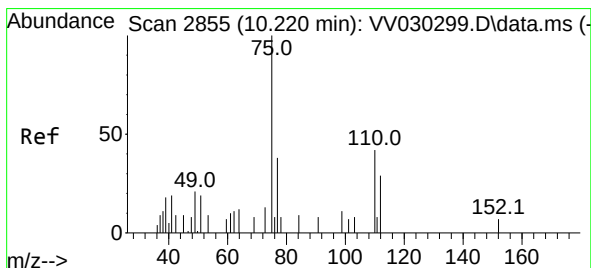
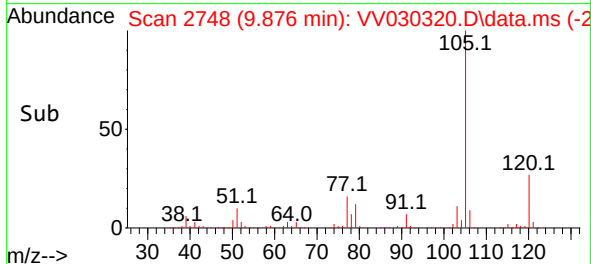
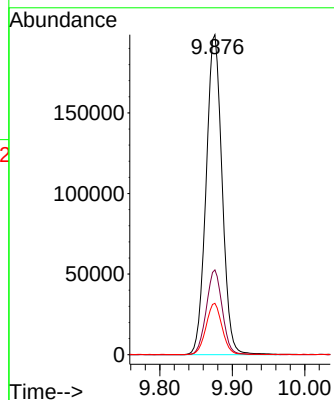
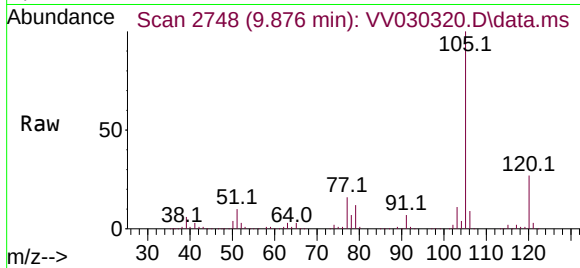




#60
Isopropylbenzene
Concen: 5.029 ug/L
RT: 9.876 min Scan# 21
Delta R.T. -0.000 min
Lab File: VV030320.D
Acq: 29 Mar 2023 11:51

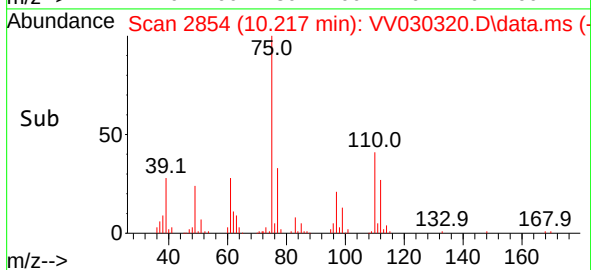
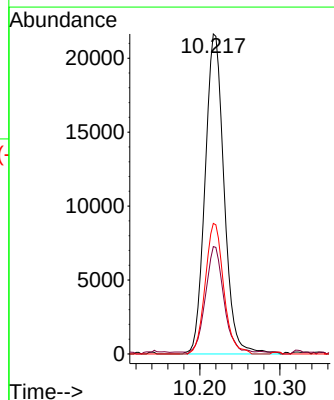
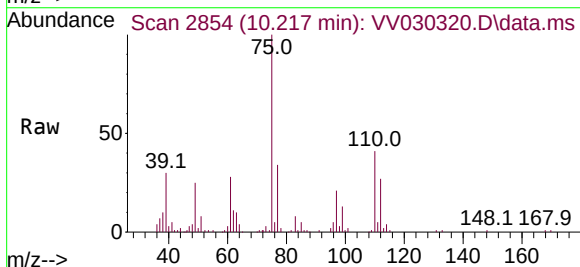
Instrument :
MSVOA_V
ClientSampleId :
VSTD005314

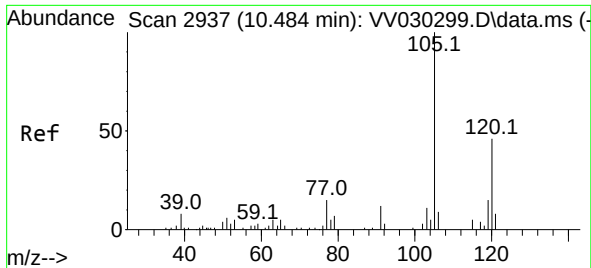
Tgt Ion:105 Resp: 304156
Ion Ratio Lower Upper
105 100
120 26.6 21.1 31.7
77 16.2 12.9 19.3



#61
1,2,3-Trichloropropane
Concen: 4.885 ug/L
RT: 10.217 min Scan# 2854
Delta R.T. -0.000 min
Lab File: VV030320.D
Acq: 29 Mar 2023 11:51

Tgt Ion: 75 Resp: 35821
Ion Ratio Lower Upper
75 100
77 33.0 26.0 39.0
110 39.5 31.6 47.4

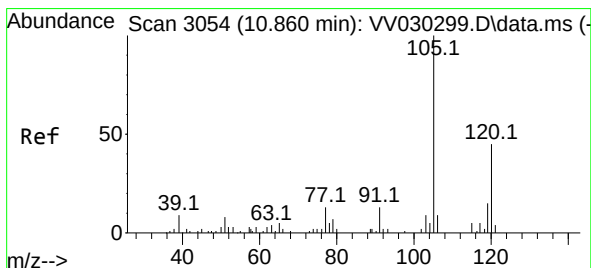
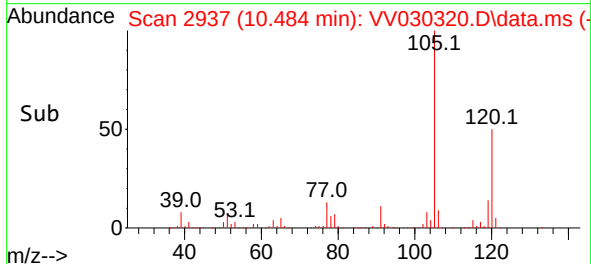
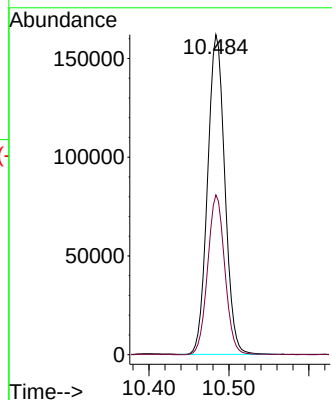
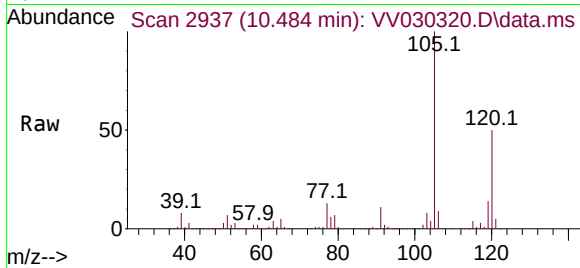




#62
 1,3,5-Trimethylbenzene
 Concen: 4.934 ug/L
 RT: 10.484 min Scan# 2937
 Delta R.T. -0.000 min
 Lab File: VV030320.D
 Acq: 29 Mar 2023 11:51

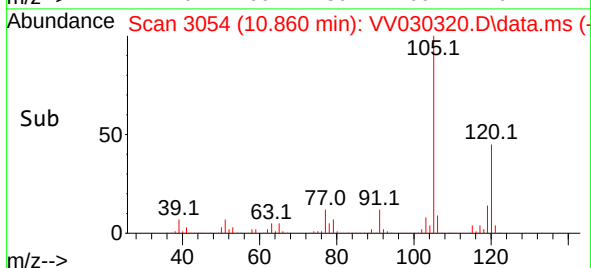
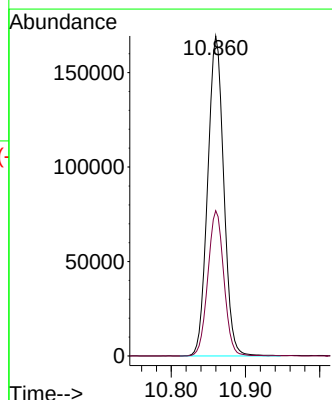
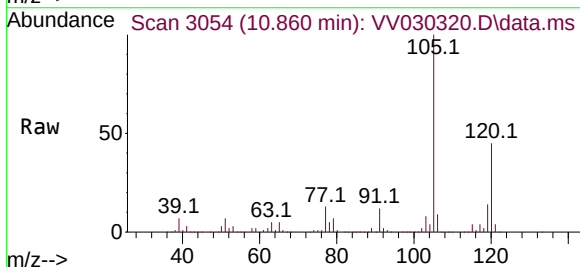
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005314

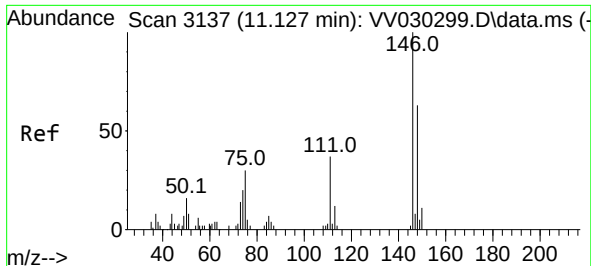
Tgt Ion:105 Resp: 243498
 Ion Ratio Lower Upper
 105 100
 120 49.8 38.9 58.3



#63
 1,2,4-Trimethylbenzene
 Concen: 5.049 ug/L
 RT: 10.860 min Scan# 3054
 Delta R.T. -0.000 min
 Lab File: VV030320.D
 Acq: 29 Mar 2023 11:51

Tgt Ion:105 Resp: 253970
 Ion Ratio Lower Upper
 105 100
 120 45.2 36.8 55.2

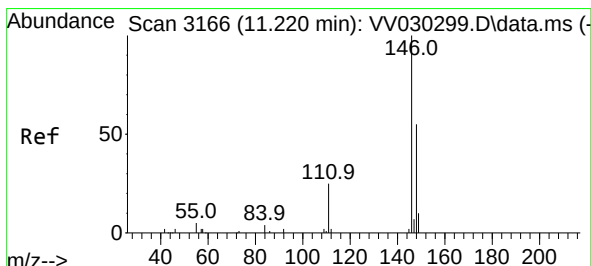
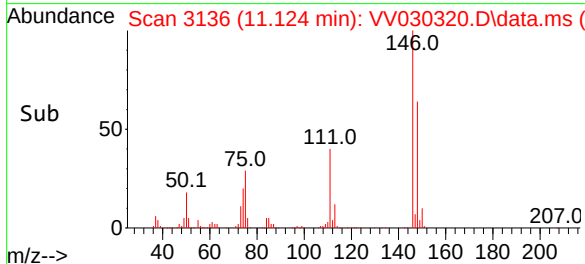
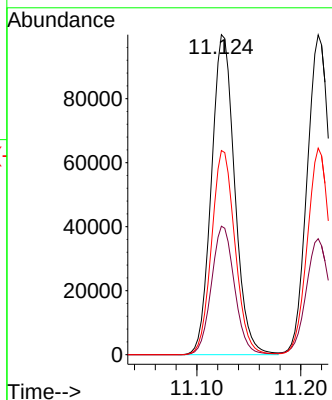
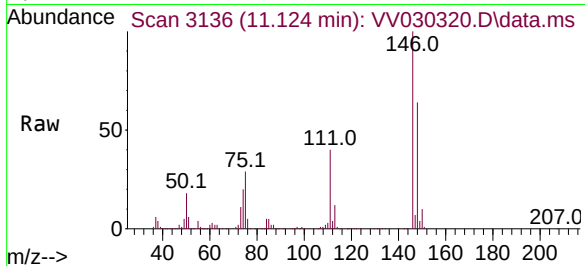




#64
1,3-Dichlorobenzene
Concen: 5.164 ug/L
RT: 11.124 min Scan# 3137
Delta R.T. -0.003 min
Lab File: VV030320.D
Acq: 29 Mar 2023 11:51

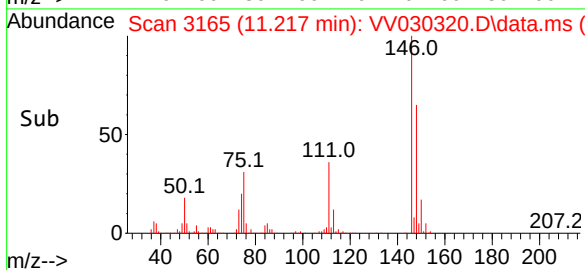
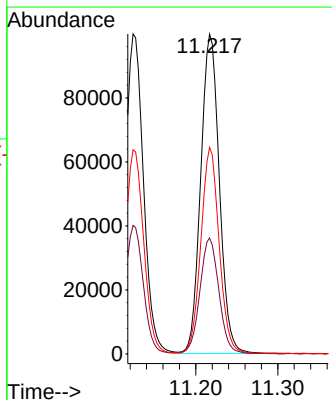
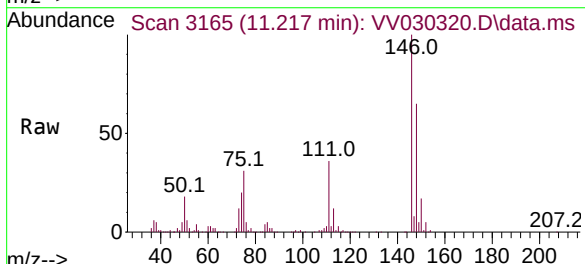
Instrument :
MSVOA_V
ClientSampleId :
VSTD005314

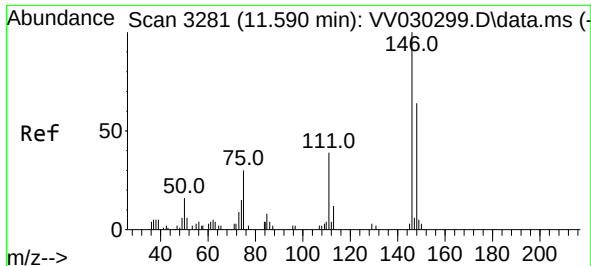
Tgt Ion:146 Resp: 155742
Ion Ratio Lower Upper
146 100
111 40.1 27.0 50.2
148 63.8 44.2 82.2



#65
1,4-Dichlorobenzene
Concen: 5.190 ug/L
RT: 11.217 min Scan# 3165
Delta R.T. -0.000 min
Lab File: VV030320.D
Acq: 29 Mar 2023 11:51

Tgt Ion:146 Resp: 157683
Ion Ratio Lower Upper
146 100
111 36.2 26.0 48.4
148 64.6 45.2 84.0

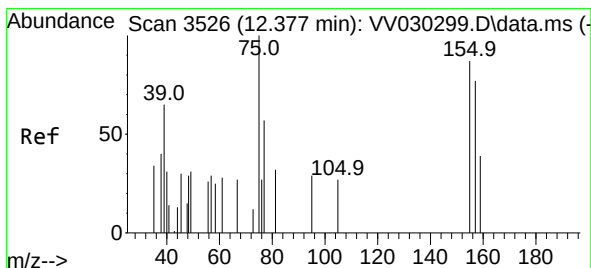
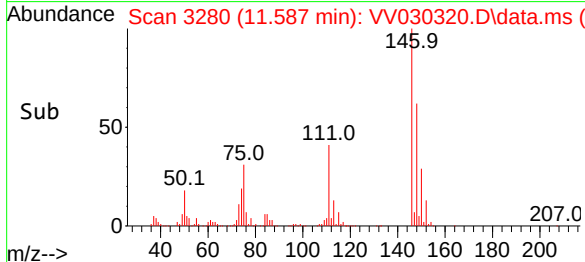
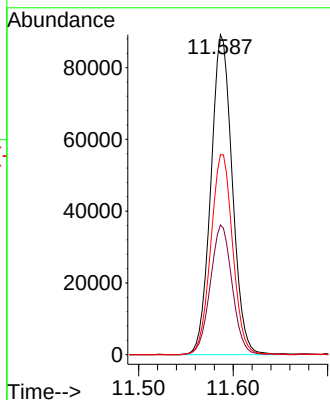
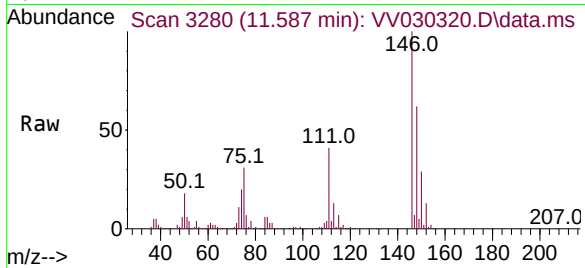




#67
1,2-Dichlorobenzene
Concen: 5.166 ug/L
RT: 11.587 min Scan# 31
Delta R.T. -0.003 min
Lab File: VV030320.D
Acq: 29 Mar 2023 11:51

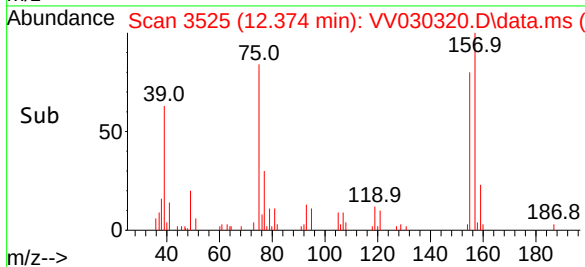
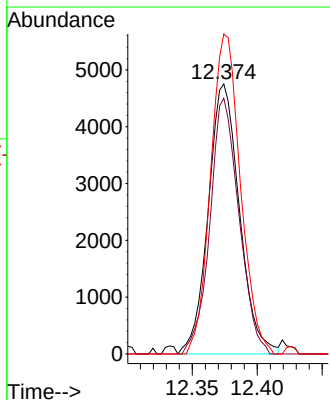
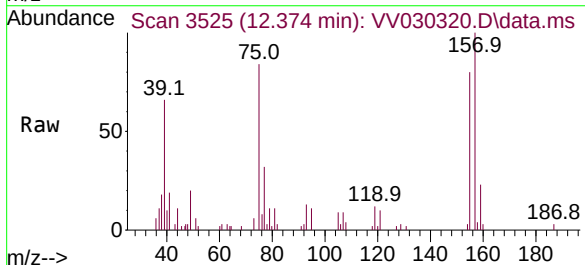
Instrument :
MSVOA_V
ClientSampleId :
VSTD005314

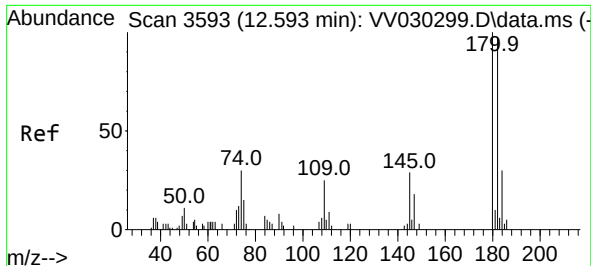
Tgt Ion:146 Resp: 140391
Ion Ratio Lower Upper
146 100
111 40.5 33.1 49.7
148 62.5 52.2 78.2



#68
1,2-Dibromo-3-chloropropane
Concen: 4.350 ug/L
RT: 12.374 min Scan# 3525
Delta R.T. -0.000 min
Lab File: VV030320.D
Acq: 29 Mar 2023 11:51

Tgt Ion: 75 Resp: 7934
Ion Ratio Lower Upper
75 100
155 94.7 64.6 96.8
157 118.5 83.8 125.6





#69

1,3,5-Trichlorobenzene

Concen: 5.076 ug/L

RT: 12.593 min Scan# 3593

Delta R.T. -0.000 min

Lab File: VV030320.D

Acq: 29 Mar 2023 11:51

Instrument :

MSVOA_V

ClientSampleId :

VSTD005314

Tgt Ion:180 Resp: 117874

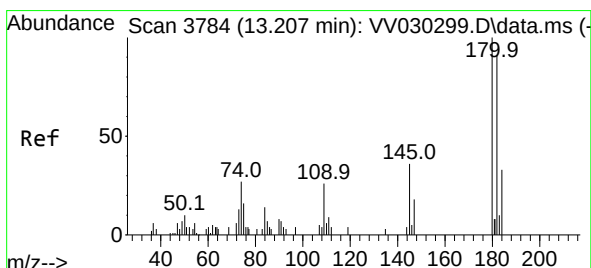
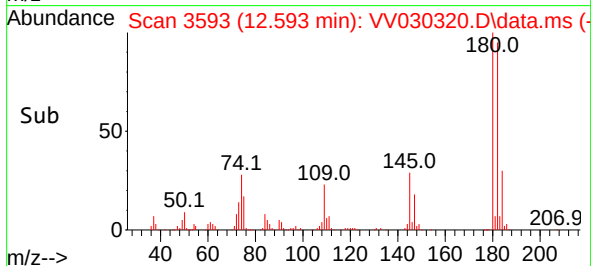
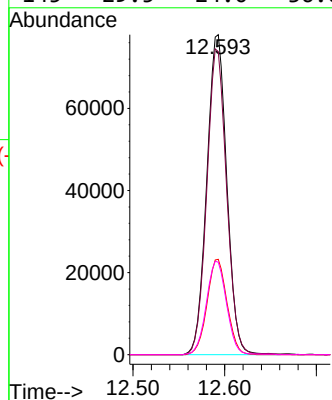
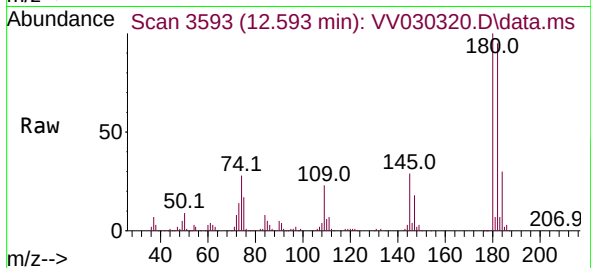
Ion Ratio Lower Upper

180 100

182 94.5 76.5 114.7

184 29.7 24.0 36.0

145 29.5 24.0 36.0



#70

1,2,4-trichlorobenzene

Concen: 4.826 ug/L

RT: 13.207 min Scan# 3784

Delta R.T. -0.000 min

Lab File: VV030320.D

Acq: 29 Mar 2023 11:51

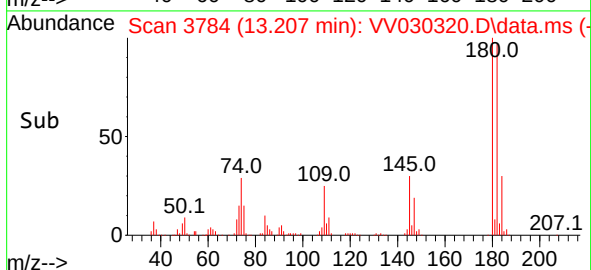
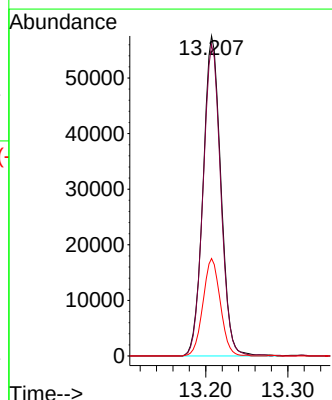
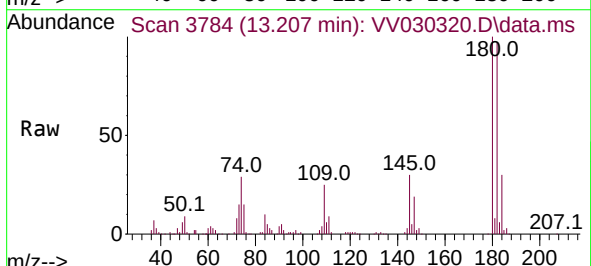
Tgt Ion:180 Resp: 86526

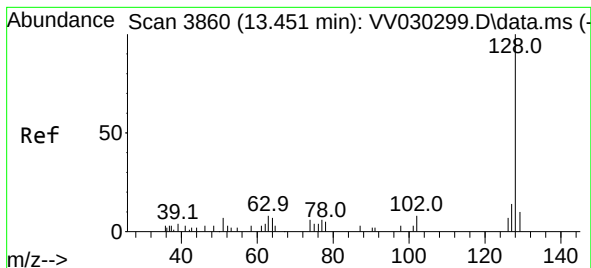
Ion Ratio Lower Upper

180 100

182 96.4 75.3 112.9

145 29.7 23.8 35.6





#71

Naphthalene

Concen: 4.260 ug/L

RT: 13.448 min Scan# 3859

Delta R.T. -0.000 min

Lab File: VV030320.D

Acq: 29 Mar 2023 11:51

Instrument :

MSVOA_V

ClientSampleId :

VSTD005314

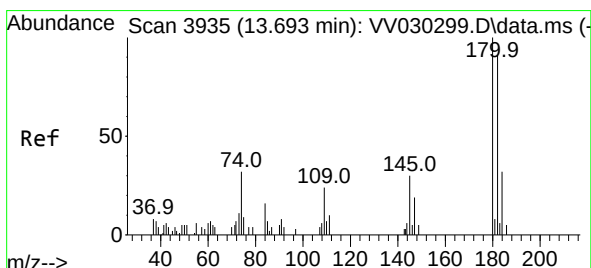
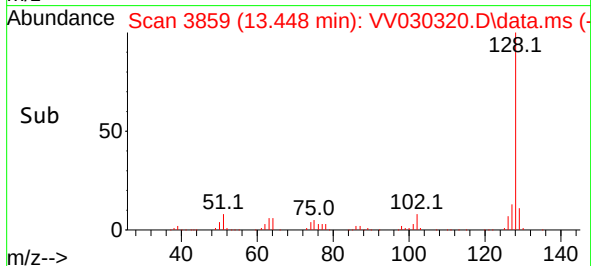
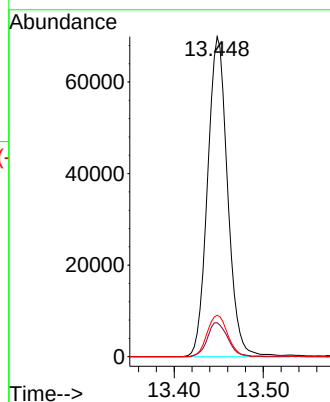
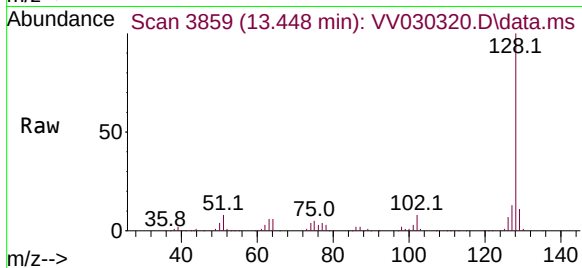
Tgt Ion:128 Resp: 109094

Ion Ratio Lower Upper

128 100

129 10.9 8.9 13.3

127 13.3 10.8 16.2



#72

1,2,3-Trichlorobenzene

Concen: 4.681 ug/L

RT: 13.689 min Scan# 3934

Delta R.T. -0.000 min

Lab File: VV030320.D

Acq: 29 Mar 2023 11:51

Tgt Ion:180 Resp: 72704

Ion Ratio Lower Upper

180 100

182 96.0 76.6 115.0

145 32.1 25.0 37.4

