

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV080823\
 Data File : VV031789.D
 Acq On : 08 Aug 2023 16:35
 Operator : SY/MD
 Sample : VSTDCCC005EC
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005373

Quant Time: Aug 09 01:35:07 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR071323WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Jul 18 06:24:32 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.539	114	189156	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.789	117	208662	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.191	152	118652	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	64796	3.868	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	77.400%
7) Chloroethane-d5	1.532	69	65333	4.303	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	86.000%
11) 1,1-Dichloroethene-d2	2.056	65	37579	4.371	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	87.400%
20) 2-Butanone-d5	3.818	46	216361	50.556	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	101.120%
24) Chloroform-d	4.256	84	178516	5.003	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	100.000%
26) 1,2-Dichloroethane-d4	4.950	65	90800	4.982	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.600%
32) Benzene-d6	4.966	84	300748	5.049	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	101.000%
36) 1,2-Dichloropropane-d6	5.995	67	102519	4.644	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	92.800%
41) Toluene-d8	7.249	98	292361	5.344	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	106.800%
43) trans-1,3-Dichloroprop...	7.561	79	33867	4.857	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	97.200%
46) 2-Hexanone-d5	8.034	63	152292	47.025	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	94.060%
56) 1,1,2,2-Tetrachloroeth...	10.159	84	75859	4.683	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	93.600%
66) 1,2-Dichlorobenzene-d4	11.567	152	105759	5.118	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	102.400%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.105	85	97817	4.761	ug/L	99
3) Chloromethane	1.217	50	87351	4.104	ug/L	96
5) Vinyl chloride	1.282	62	89890	4.420	ug/L	# 29
6) Bromomethane	1.487	94	58783	4.728	ug/L	96
8) Chloroethane	1.548	64	52357	4.437	ug/L	100
9) Trichlorofluoromethane	1.712	101	145095	4.945	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.066	101	80963	5.016	ug/L	95
12) 1,1-Dichloroethene	2.069	96	69327	4.698	ug/L	88
13) Acetone	2.150	43	143394	52.664	ug/L	100
14) Carbon disulfide	2.240	76	194821	4.252	ug/L	99
15) Methyl Acetate	2.391	43	29312	5.032	ug/L	99
16) Methylene chloride	2.449	84	92770	4.731	ug/L	89
17) Methyl tert-butyl Ether	2.709	73	134591	4.963	ug/L	95
18) trans-1,2-Dichloroethene	2.696	96	61970	4.856	ug/L	96
19) 1,1-Dichloroethane	3.114	63	131620	4.717	ug/L	95
21) 2-Butanone	3.902	43	175018	49.384	ug/L	87
22) cis-1,2-Dichloroethene	3.818	96	63204	5.010	ug/L	94
23) Bromochloromethane	4.156	128	33462	5.268	ug/L	88
25) Chloroform	4.281	83	143505	5.229	ug/L	96

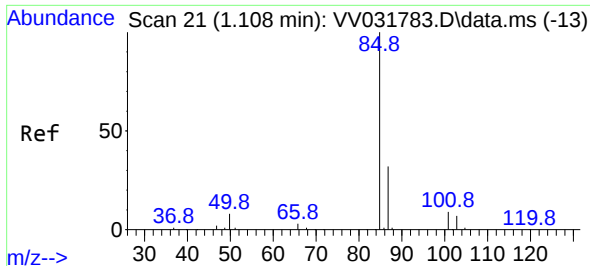
Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV080823\
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.050	62	84166	4.876	ug/L	96
29) 1,1,1-Trichloroethane	4.516	97	124995	4.960	ug/L	99
30) Cyclohexane	4.587	56	82327	4.493	ug/L	98
31) Carbon tetrachloride	4.741	117	108251	4.868	ug/L	98
33) Benzene	5.015	78	259209	4.891	ug/L	100
34) Trichloroethene	5.838	95	74259	4.938	ug/L	92
35) Methylcyclohexane	6.056	83	84391	4.522	ug/L	94
37) 1,2-Dichloropropane	6.098	63	74254	4.881	ug/L #	98
38) Bromodichloromethane	6.439	83	96019	4.753	ug/L	99
39) cis-1,3-Dichloropropene	6.960	75	83179	4.392	ug/L	99
40) 4-Methyl-2-pentanone	7.166	43	398126	48.956	ug/L	97
42) Toluene	7.320	91	278208	5.435	ug/L	98
44) trans-1,3-Dichloropropene	7.587	75	83937	5.081	ug/L	98
45) 1,1,2-Trichloroethane	7.776	97	56753	5.021	ug/L	97
47) Tetrachloroethene	7.912	164	56225	5.416	ug/L	98
48) 2-Hexanone	8.082	43	342658	57.503	ug/L	98
49) Dibromochloromethane	8.182	129	65018	5.355	ug/L	97
50) 1,2-Dibromoethane	8.288	107	53898	5.099	ug/L	98
51) Chlorobenzene	8.818	112	167393	4.958	ug/L	92
52) Ethylbenzene	8.953	91	249297	4.912	ug/L	98
53) m,p-Xylene	9.079	106	95157	5.073	ug/L	98
54) o-Xylene	9.484	106	88009	5.058	ug/L	90
55) Styrene	9.503	104	163742	4.987	ug/L	97
57) 1,1,2,2-Tetrachloroethane	10.185	83	53259	4.452	ug/L #	99
59) Bromoform	9.670	173	34238	4.322	ug/L	99
60) Isopropylbenzene	9.873	105	242424	4.612	ug/L	98
61) 1,2,3-Trichloropropane	10.217	75	49248	4.670	ug/L	96
62) 1,3,5-Trimethylbenzene	10.481	105	185686	4.379	ug/L	99
63) 1,2,4-Trimethylbenzene	10.857	105	180286	4.260	ug/L	96
64) 1,3-Dichlorobenzene	11.124	146	144027	5.085	ug/L	98
65) 1,4-Dichlorobenzene	11.214	146	149160	4.975	ug/L	97
67) 1,2-Dichlorobenzene	11.583	146	136736	5.037	ug/L	96
68) 1,2-Dibromo-3-chloropr...	12.371	75	9945	4.589	ug/L #	82
69) 1,3,5-Trichlorobenzene	12.587	180	102384	4.942	ug/L	98
70) 1,2,4-trichlorobenzene	13.204	180	80348	4.895	ug/L	98
71) Naphthalene	13.445	128	114505	4.324	ug/L	99
72) 1,2,3-Trichlorobenzene	13.686	180	71684	4.729	ug/L	97

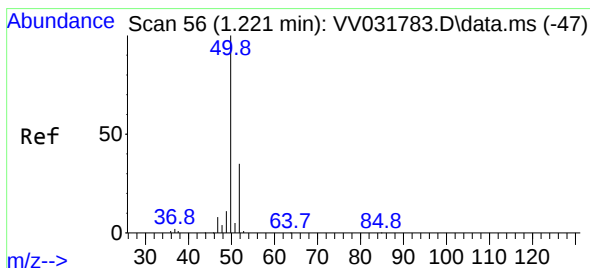
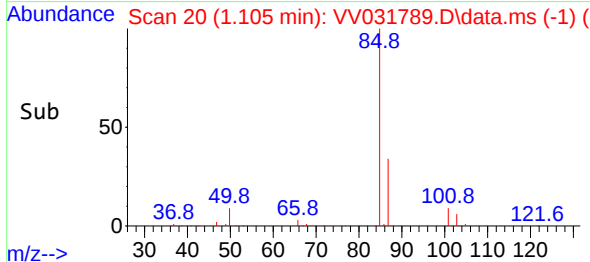
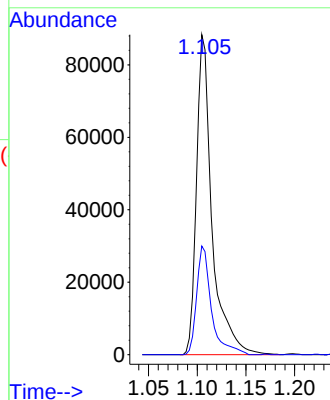
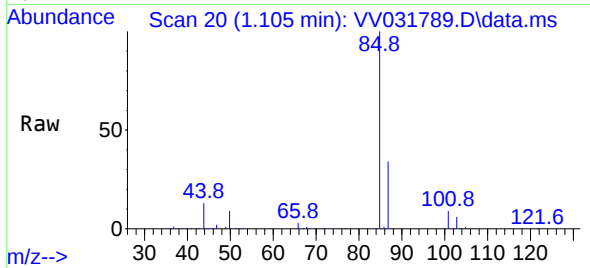
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#2
Dichlorodifluoromethane
Concen: 4.761 ug/L
RT: 1.105 min Scan# 20
Delta R.T. -0.000 min
Lab File: VV031789.D
Acq: 08 Aug 2023 16:35

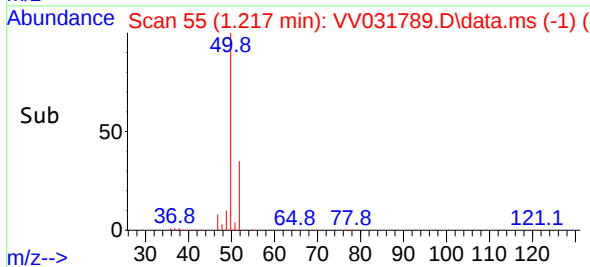
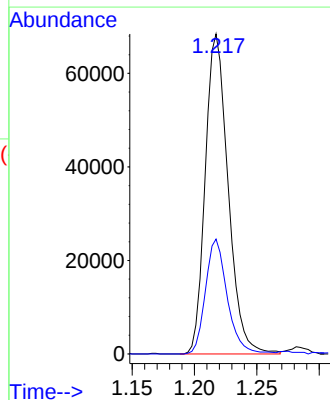
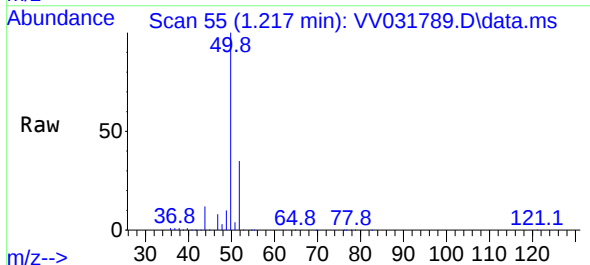
Instrument :
MSVOA_V
ClientSampleId :
VSTD005373

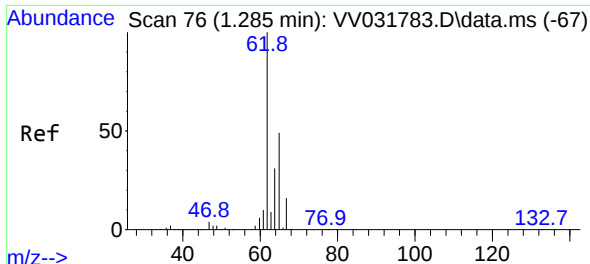
Tgt Ion: 85 Resp: 97817
Ion Ratio Lower Upper
85 100
87 32.5 25.5 38.3



#3
Chloromethane
Concen: 4.104 ug/L
RT: 1.217 min Scan# 55
Delta R.T. -0.000 min
Lab File: VV031789.D
Acq: 08 Aug 2023 16:35

Tgt Ion: 50 Resp: 87351
Ion Ratio Lower Upper
50 100
52 35.9 23.5 43.7

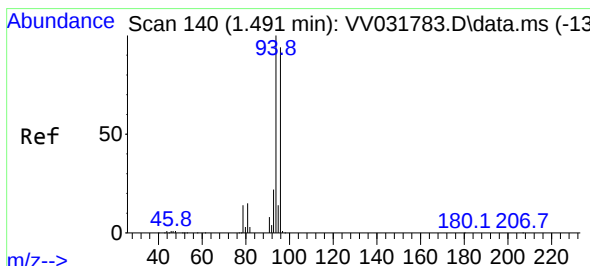
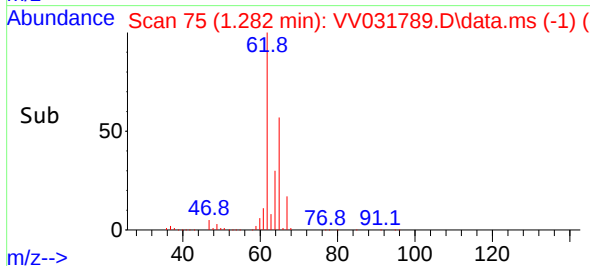
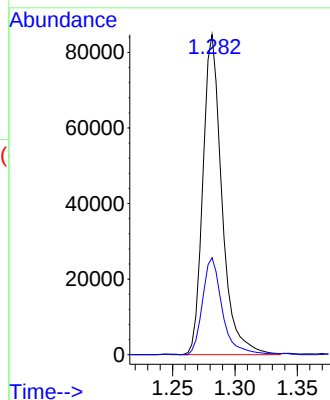
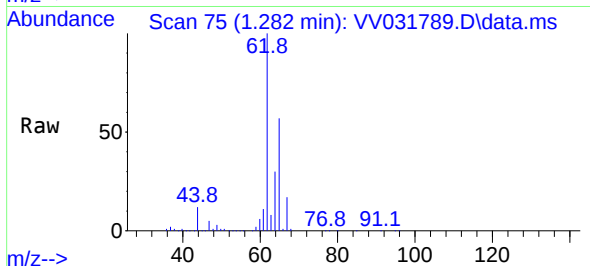




#5
 Vinyl chloride
 Concen: 4.420 ug/L
 RT: 1.282 min Scan# 76
 Delta R.T. -0.000 min
 Lab File: VV031789.D
 Acq: 08 Aug 2023 16:35

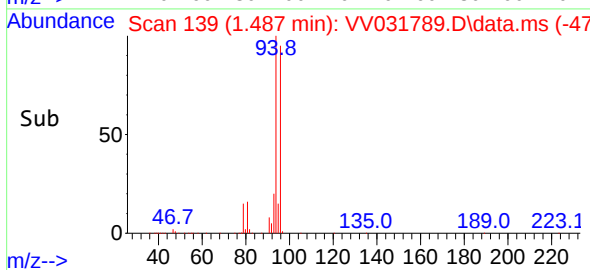
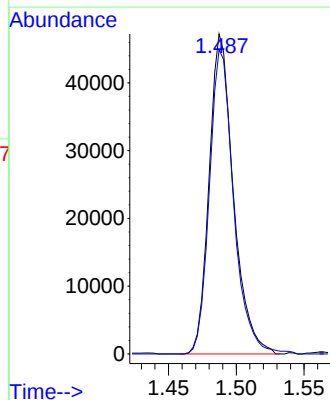
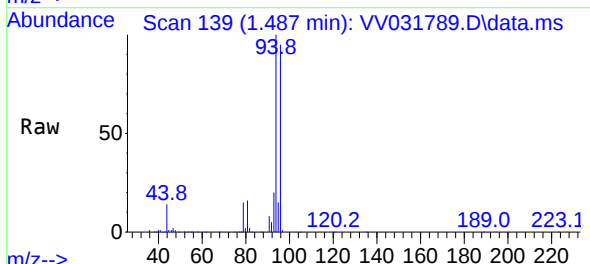
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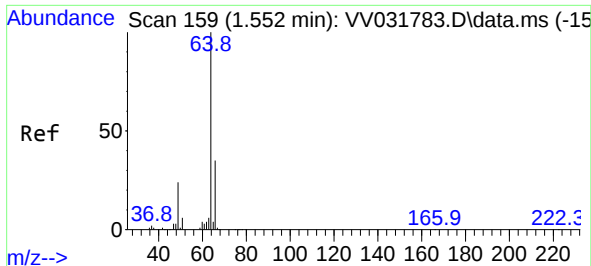
Tgt Ion: 62 Resp: 89890
 Ion Ratio Lower Upper
 62 100
 64 30.3 71.7 133.1#



#6
 Bromomethane
 Concen: 4.728 ug/L
 RT: 1.487 min Scan# 139
 Delta R.T. -0.003 min
 Lab File: VV031789.D
 Acq: 08 Aug 2023 16:35

Tgt Ion: 94 Resp: 58783
 Ion Ratio Lower Upper
 94 100
 96 95.1 69.4 128.8

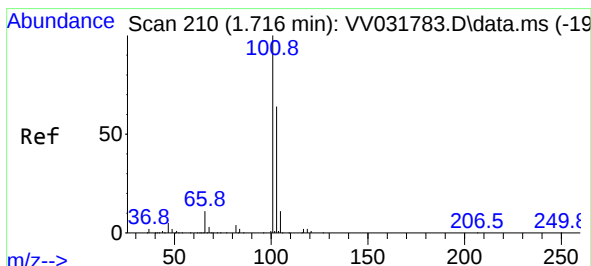
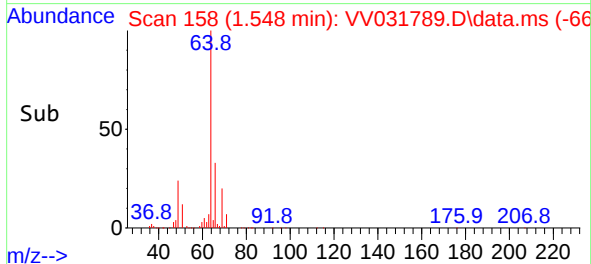
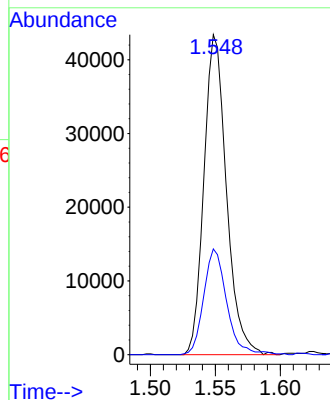
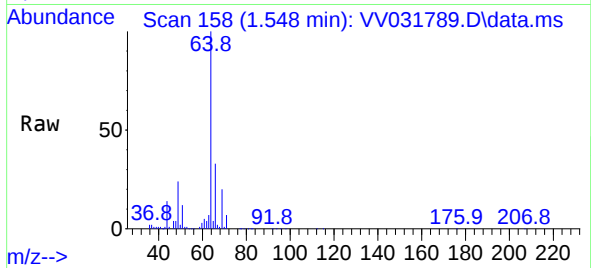




#8
Chloroethane
Concen: 4.437 ug/L
RT: 1.548 min Scan# 11
Delta R.T. -0.003 min
Lab File: VV031789.D
Acq: 08 Aug 2023 16:35

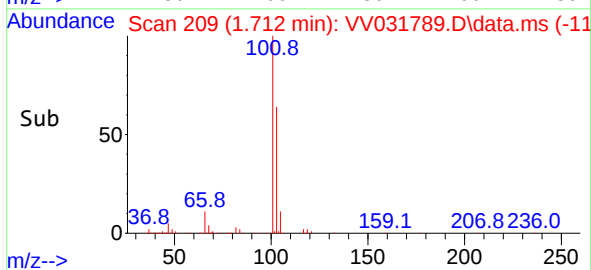
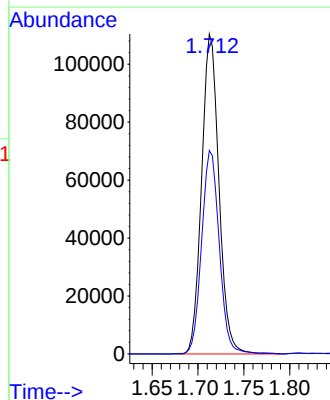
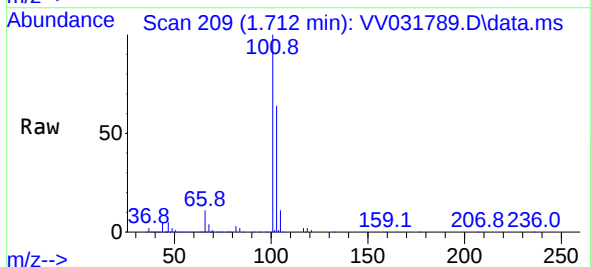
Instrument :
MSVOA_V
ClientSampleId :
VSTD005373

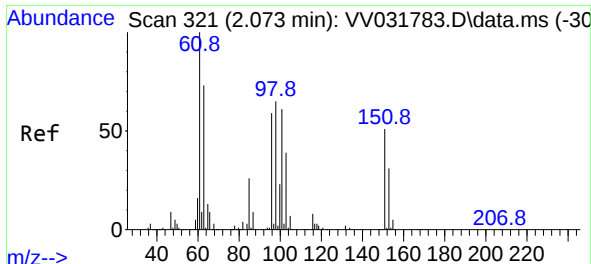
Tgt Ion: 64 Resp: 52357
Ion Ratio Lower Upper
64 100
66 33.1 23.0 42.6



#9
Trichlorofluoromethane
Concen: 4.945 ug/L
RT: 1.712 min Scan# 209
Delta R.T. -0.000 min
Lab File: VV031789.D
Acq: 08 Aug 2023 16:35

Tgt Ion: 101 Resp: 145095
Ion Ratio Lower Upper
101 100
103 64.7 51.0 76.6





#10

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

Concen: 5.016 ug/L

RT: 2.066 min Scan# 31

Delta R.T. -0.003 min

Lab File: VV031789.D

Acq: 08 Aug 2023 16:35

Instrument :

MSVOA_V

ClientSampleId :

VSTD005373

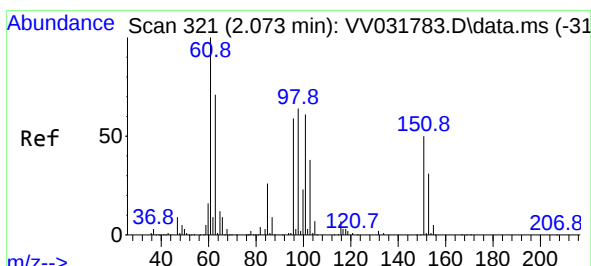
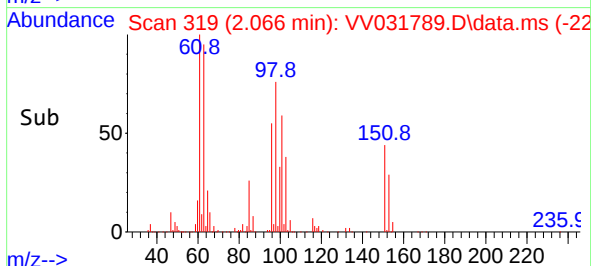
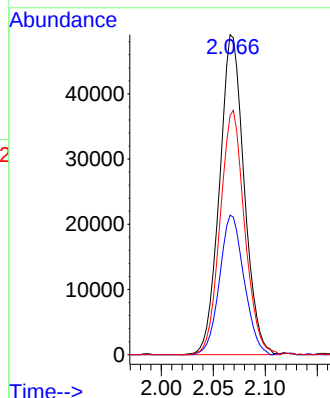
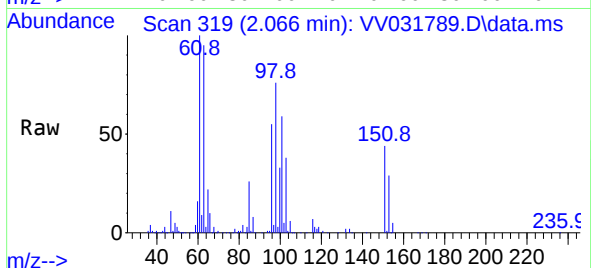
Tgt Ion:101 Resp: 80963

Ion Ratio Lower Upper

101 100

85 43.4 36.2 54.2

151 76.0 56.6 84.8



#12

1,1-Dichloroethene

Concen: 4.698 ug/L

RT: 2.069 min Scan# 320

Delta R.T. -0.000 min

Lab File: VV031789.D

Acq: 08 Aug 2023 16:35

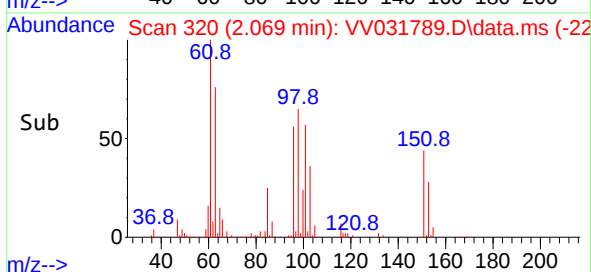
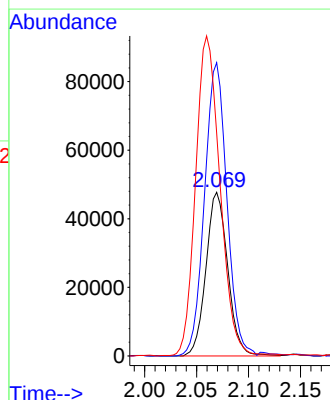
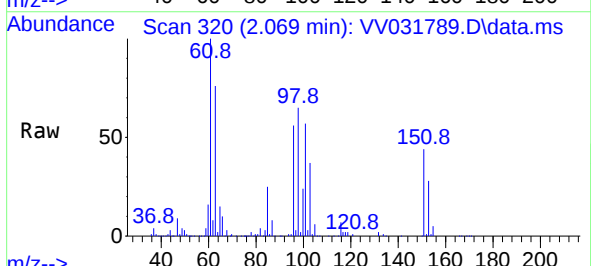
Tgt Ion: 96 Resp: 69327

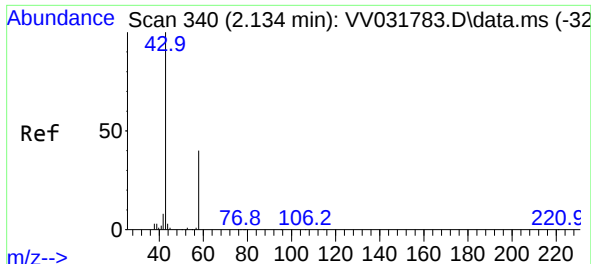
Ion Ratio Lower Upper

96 100

61 179.1 131.3 243.9

63 136.1 112.6 209.2

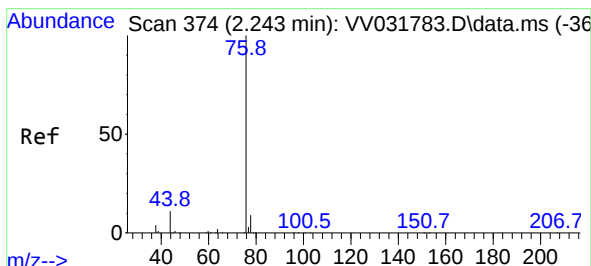
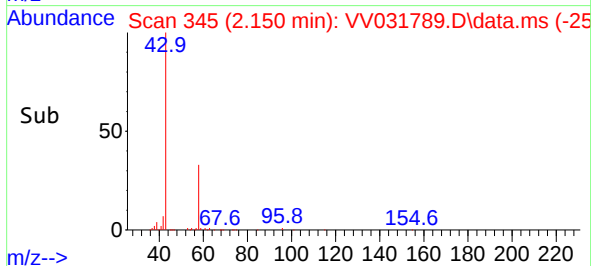
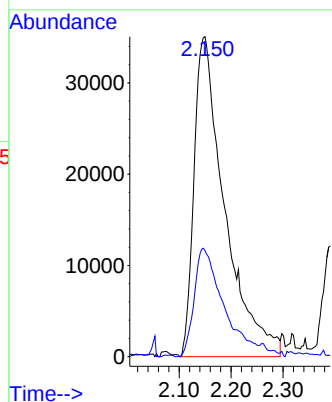
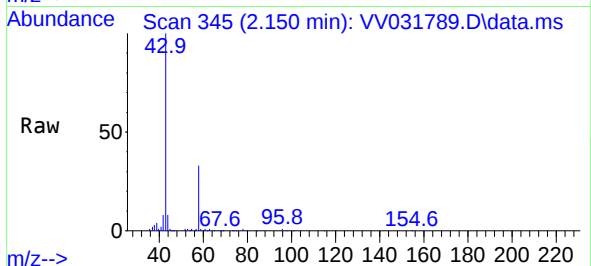




#13
Acetone
Concen: 52.664 ug/L
RT: 2.150 min Scan# 34
Delta R.T. 0.006 min
Lab File: VV031789.D
Acq: 08 Aug 2023 16:35

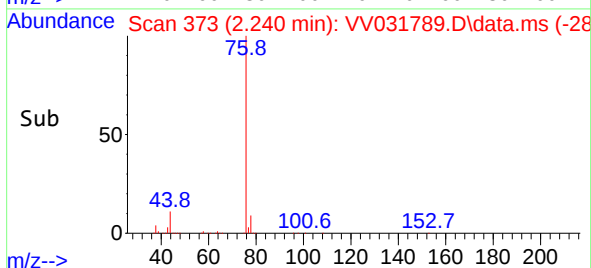
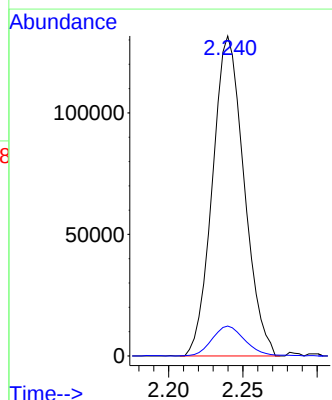
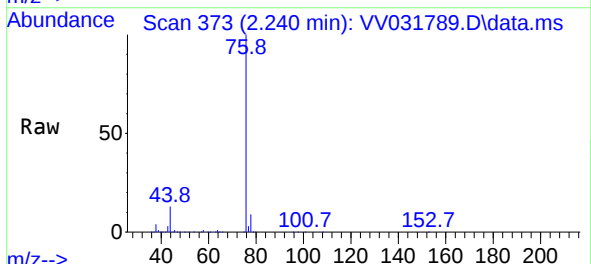
Instrument :
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ClientSampleId :
VSTD005373

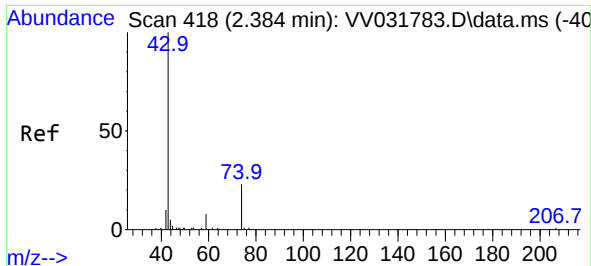
Tgt Ion: 43 Resp: 143394
Ion Ratio Lower Upper
43 100
58 32.3 0.0 64.6



#14
Carbon disulfide
Concen: 4.252 ug/L
RT: 2.240 min Scan# 373
Delta R.T. -0.000 min
Lab File: VV031789.D
Acq: 08 Aug 2023 16:35

Tgt Ion: 76 Resp: 194821
Ion Ratio Lower Upper
76 100
78 9.7 7.4 11.2

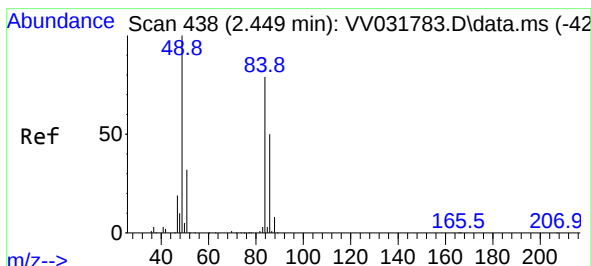
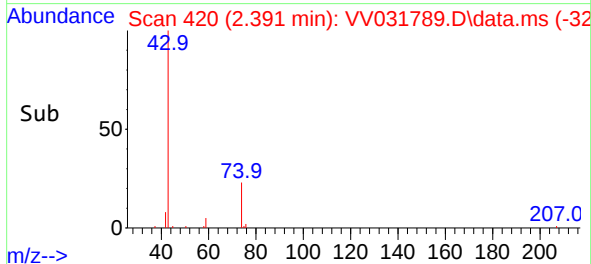
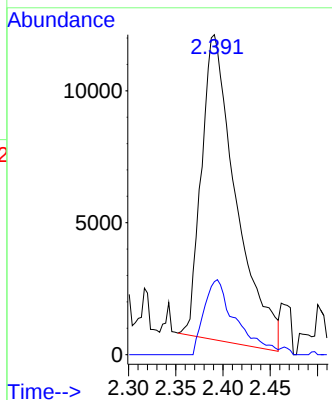
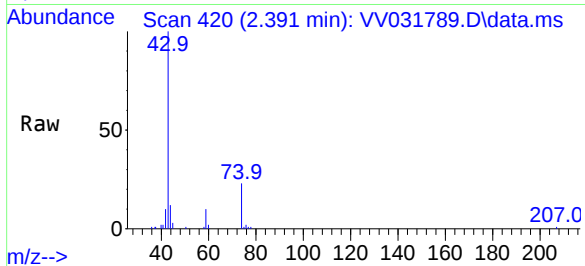




#15
Methyl Acetate
Concen: 5.032 ug/L
RT: 2.391 min Scan# 418
Delta R.T. 0.003 min
Lab File: VV031789.D
Acq: 08 Aug 2023 16:35

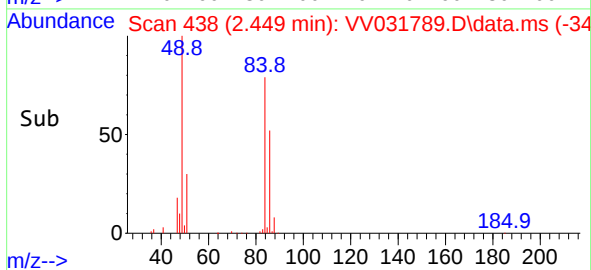
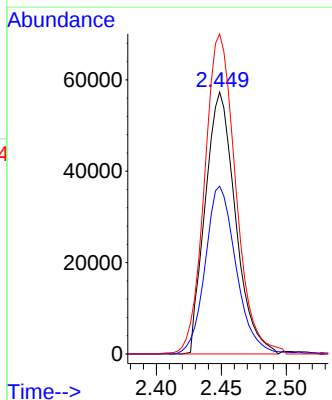
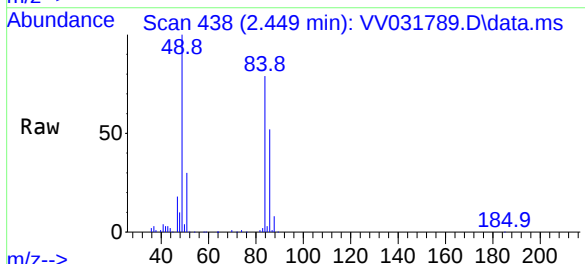
Instrument :
MSVOA_V
ClientSampleId :
VSTD005373

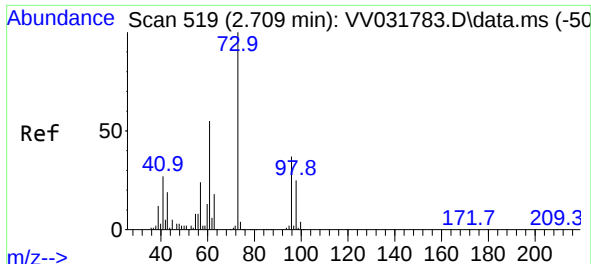
Tgt Ion: 43 Resp: 29312
Ion Ratio Lower Upper
43 100
74 22.8 18.0 27.0



#16
Methylene chloride
Concen: 4.731 ug/L
RT: 2.449 min Scan# 438
Delta R.T. -0.000 min
Lab File: VV031789.D
Acq: 08 Aug 2023 16:35

Tgt Ion: 84 Resp: 92770
Ion Ratio Lower Upper
84 100
86 64.1 46.3 86.1
49 127.2 101.8 189.0

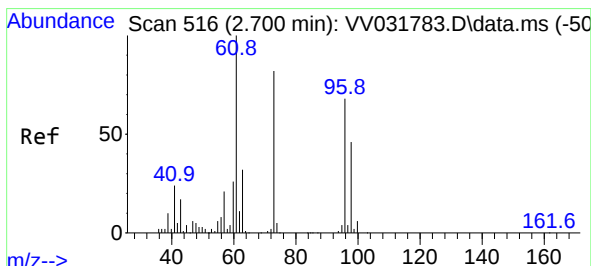
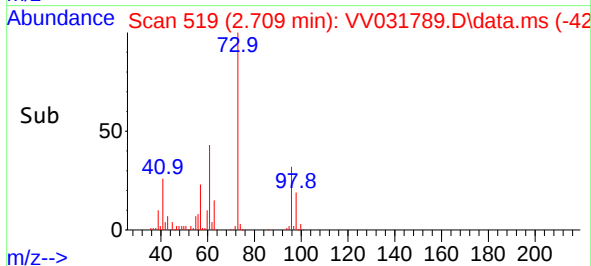
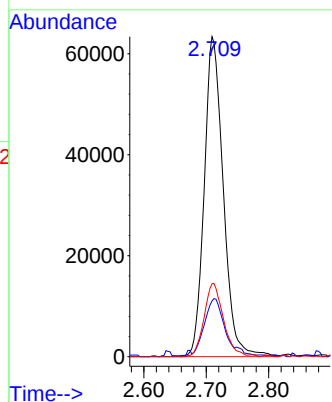
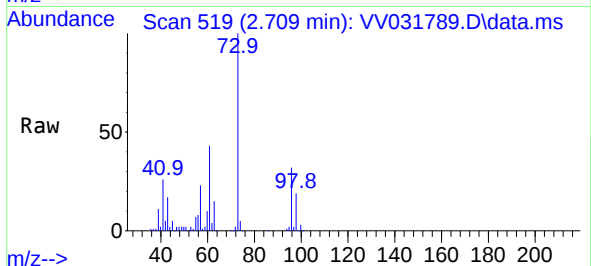




#17
Methyl tert-butyl Ether
Concen: 4.963 ug/L
RT: 2.709 min Scan# 519
Delta R.T. -0.000 min
Lab File: VV031789.D
Acq: 08 Aug 2023 16:35

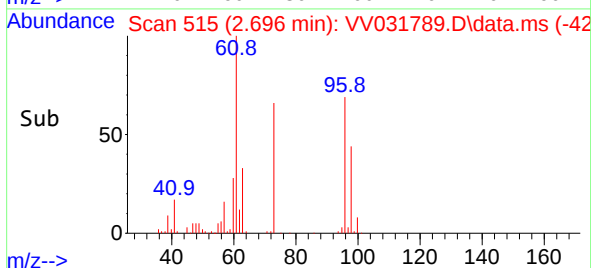
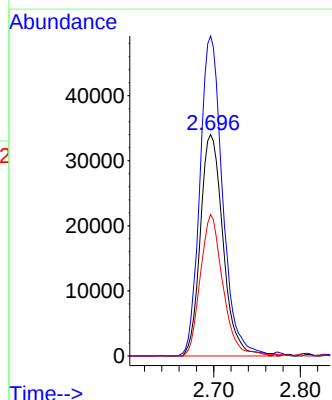
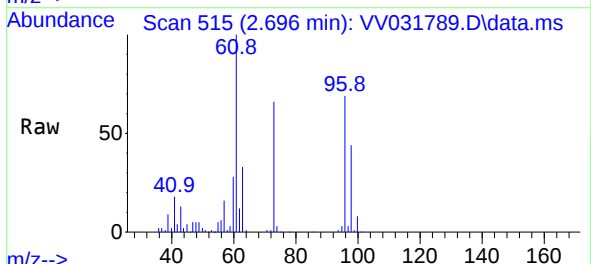
Instrument :
MSVOA_V
ClientSampleId :
VSTD005373

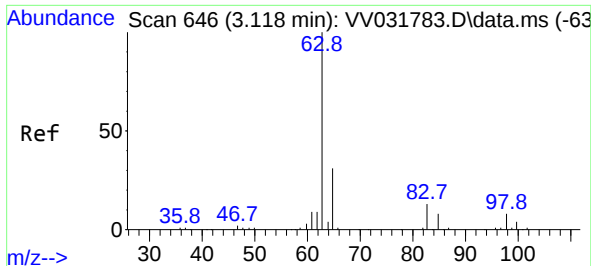
Tgt Ion: 73 Resp: 134591
Ion Ratio Lower Upper
73 100
43 19.0 18.1 27.1
57 23.1 19.6 29.4



#18
trans-1,2-Dichloroethene
Concen: 4.856 ug/L
RT: 2.696 min Scan# 515
Delta R.T. -0.000 min
Lab File: VV031789.D
Acq: 08 Aug 2023 16:35

Tgt Ion: 96 Resp: 61970
Ion Ratio Lower Upper
96 100
61 144.6 105.5 195.9
98 63.9 45.4 84.2

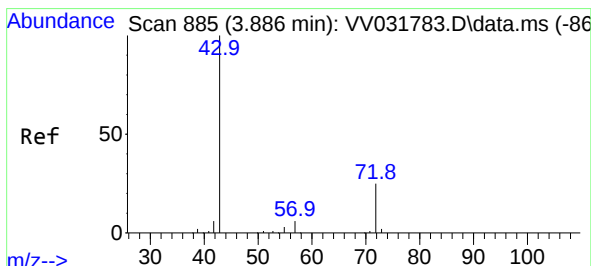
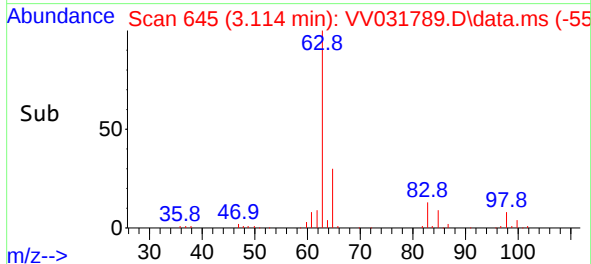
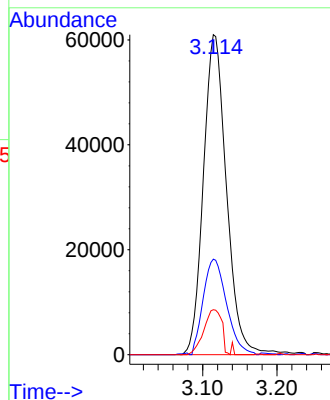
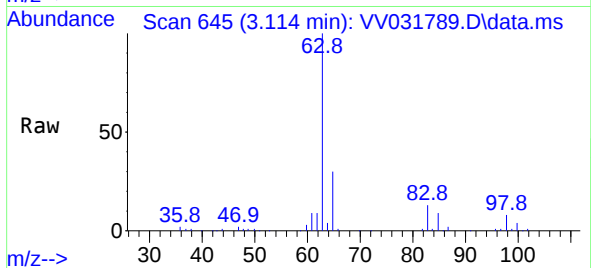




#19
1,1-Dichloroethane
Concen: 4.717 ug/L
RT: 3.114 min Scan# 64
Delta R.T. -0.000 min
Lab File: VV031789.D
Acq: 08 Aug 2023 16:35

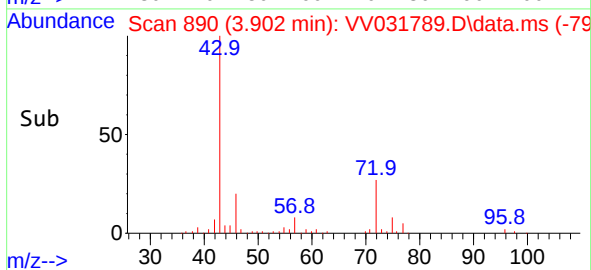
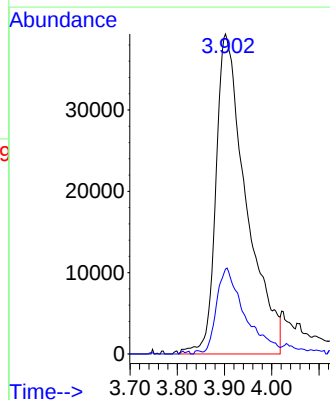
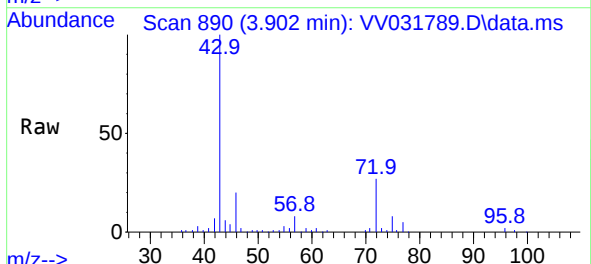
Instrument :
MSVOA_V
ClientSampleId :
VSTD005373

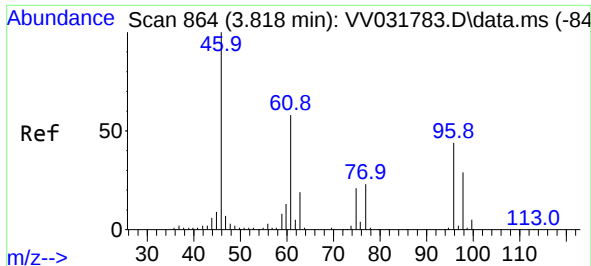
Tgt Ion: 63 Resp: 131620
Ion Ratio Lower Upper
63 100
65 29.5 23.4 43.6
83 13.5 9.4 17.4



#21
2-Butanone
Concen: 49.384 ug/L
RT: 3.902 min Scan# 890
Delta R.T. 0.006 min
Lab File: VV031789.D
Acq: 08 Aug 2023 16:35

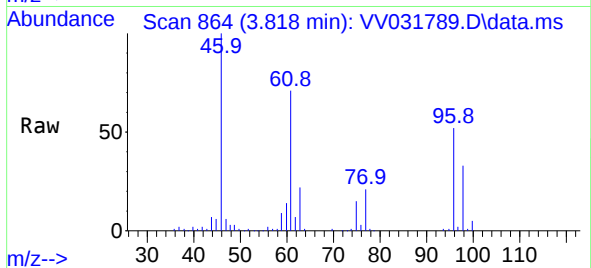
Tgt Ion: 43 Resp: 175018
Ion Ratio Lower Upper
43 100
72 24.3 9.2 27.4



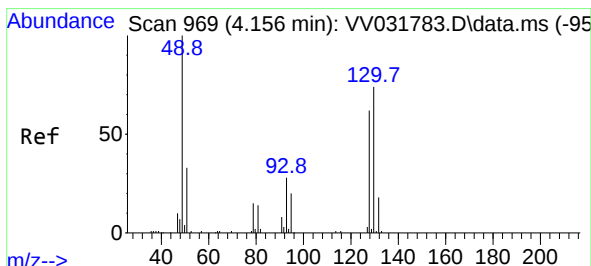
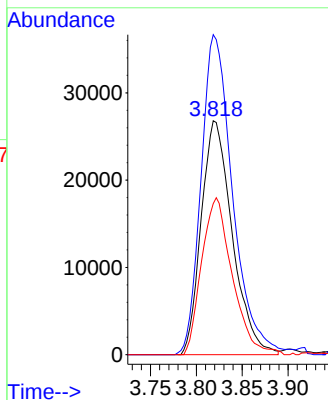
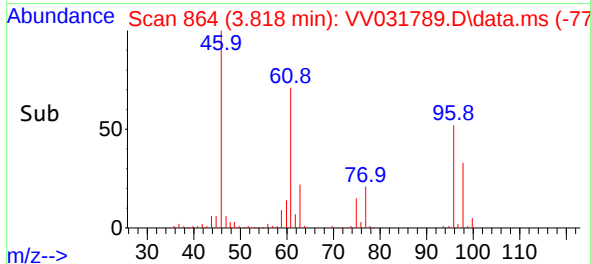


#22
cis-1,2-Dichloroethene
Concen: 5.010 ug/L
RT: 3.818 min Scan# 864
Delta R.T. -0.000 min
Lab File: VV031789.D
Acq: 08 Aug 2023 16:35

Instrument :
MSVOA_V
ClientSampleId :
VSTD005373

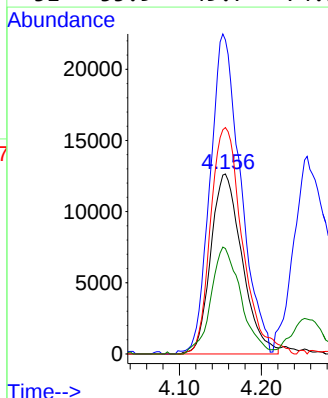
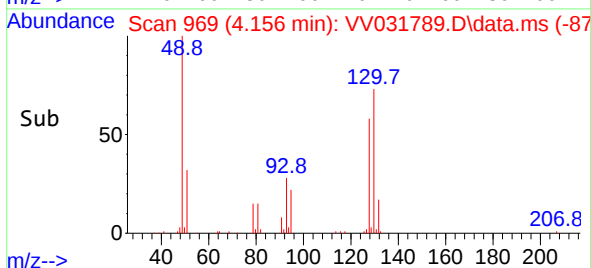
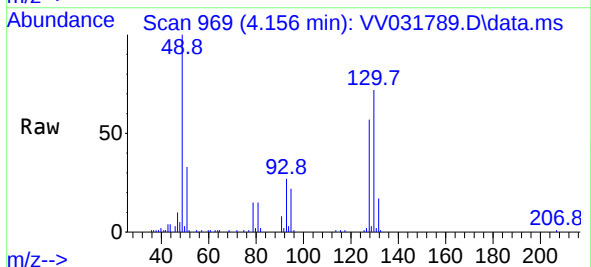


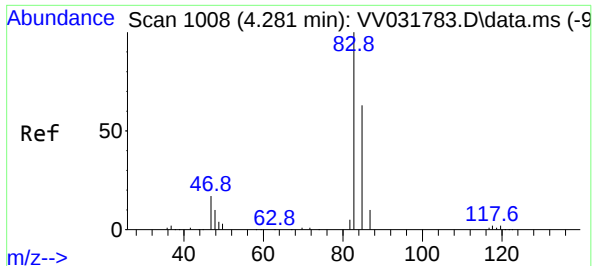
Tgt Ion: 96 Resp: 63204
Ion Ratio Lower Upper
96 100
61 132.3 99.4 184.6
98 62.5 45.1 83.7



#23
Bromochloromethane
Concen: 5.268 ug/L
RT: 4.156 min Scan# 969
Delta R.T. -0.000 min
Lab File: VV031789.D
Acq: 08 Aug 2023 16:35

Tgt Ion: 128 Resp: 33462
Ion Ratio Lower Upper
128 100
49 172.3 136.1 252.7
130 120.1 91.3 169.5
51 55.9 49.7 74.5





#25

Chloroform

Concen: 5.229 ug/L

RT: 4.281 min Scan# 1008

Delta R.T. 0.003 min

Lab File: VV031789.D

Acq: 08 Aug 2023 16:35

Instrument :

MSVOA_V

ClientSampleId :

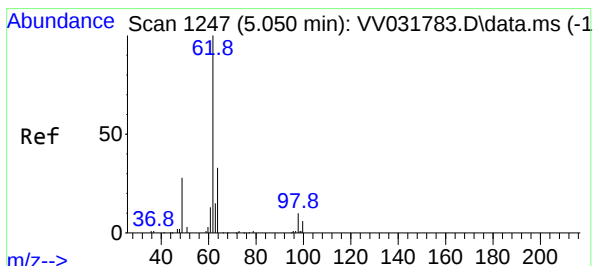
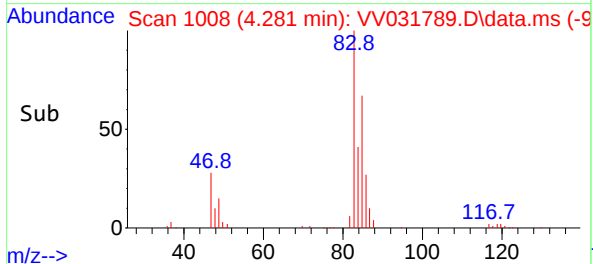
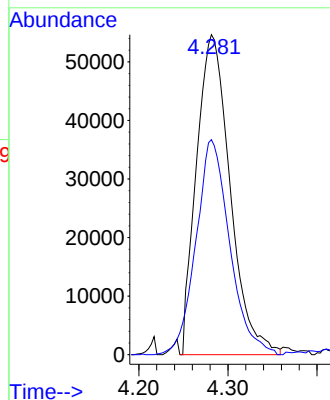
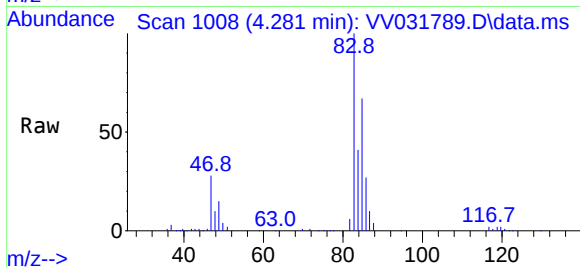
VSTD005373

Tgt Ion: 83 Resp: 143505

Ion Ratio Lower Upper

83 100

85 67.2 44.9 83.5



#27

1,2-Dichloroethane

Concen: 4.876 ug/L

RT: 5.050 min Scan# 1247

Delta R.T. 0.003 min

Lab File: VV031789.D

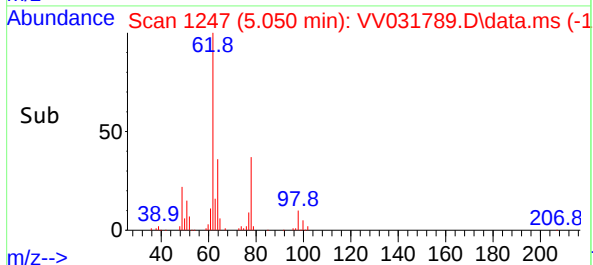
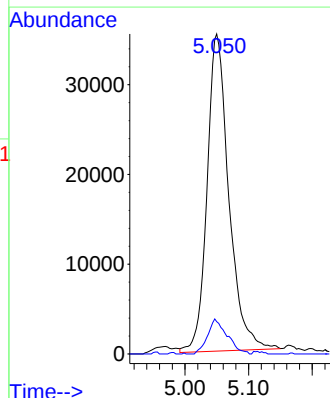
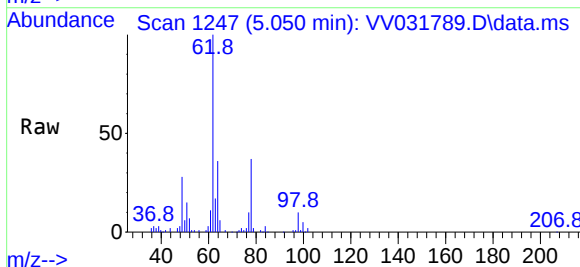
Acq: 08 Aug 2023 16:35

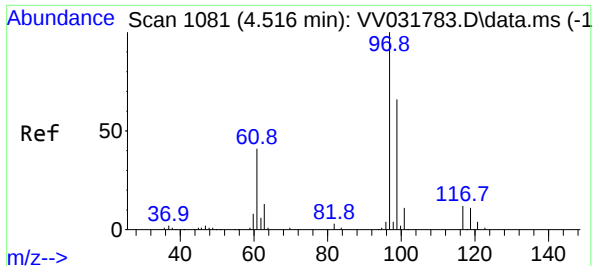
Tgt Ion: 62 Resp: 84166

Ion Ratio Lower Upper

62 100

98 10.1 7.0 10.4



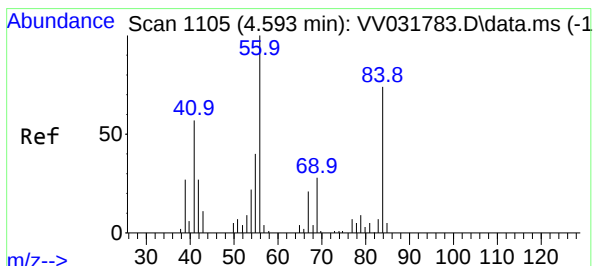
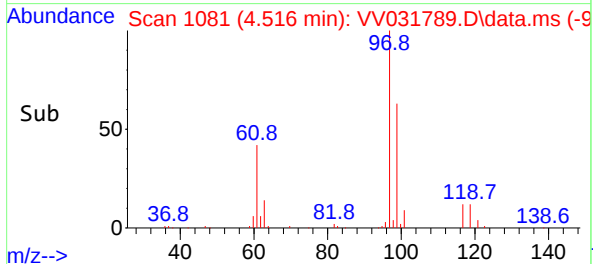
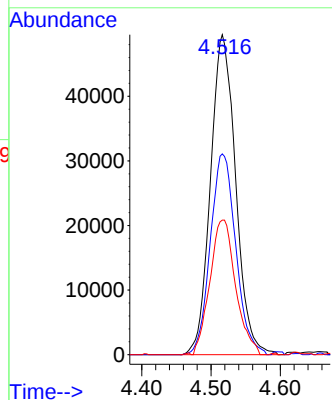
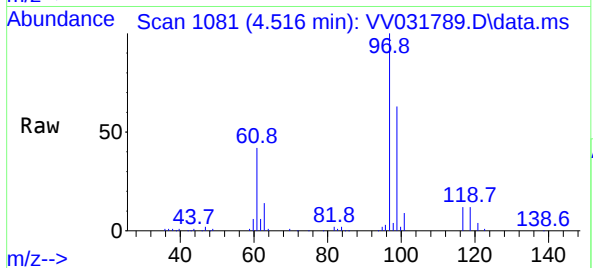


#29
1,1,1-Trichloroethane
Concen: 4.960 ug/L
RT: 4.516 min Scan# 1103
Delta R.T. -0.000 min
Lab File: VV031789.D
Acq: 08 Aug 2023 16:35

Instrument :
MSVOA_V
ClientSampleId :
VSTD005373

Tgt Ion: 97 Resp: 124995

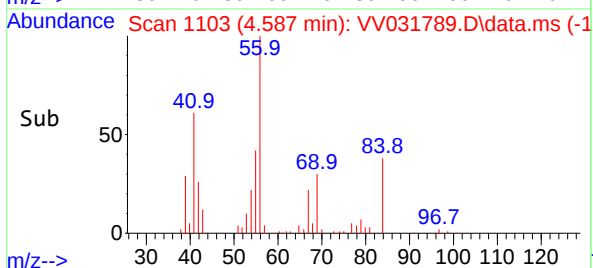
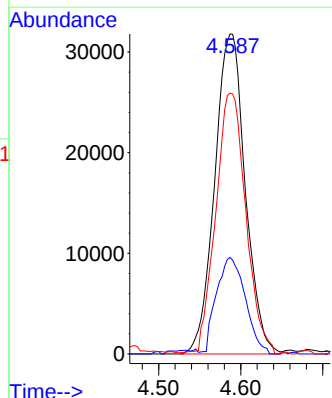
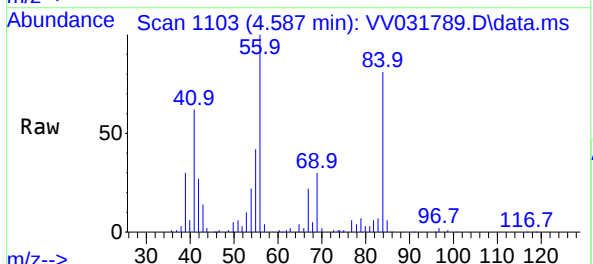
Ion	Ratio	Lower	Upper
97	100		
99	63.6	50.4	75.6
61	43.0	35.6	53.4

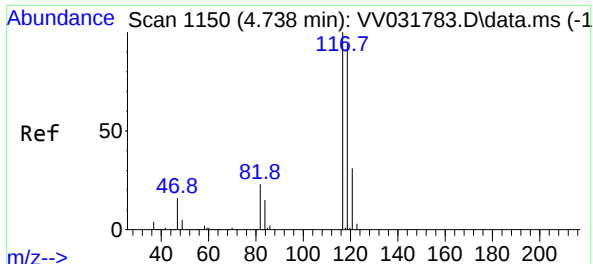


#30
Cyclohexane
Concen: 4.493 ug/L
RT: 4.587 min Scan# 1103
Delta R.T. -0.000 min
Lab File: VV031789.D
Acq: 08 Aug 2023 16:35

Tgt Ion: 56 Resp: 82327

Ion	Ratio	Lower	Upper
56	100		
69	28.6	22.9	34.3
84	80.4	62.7	94.1

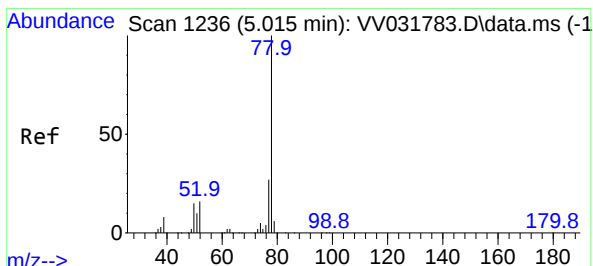
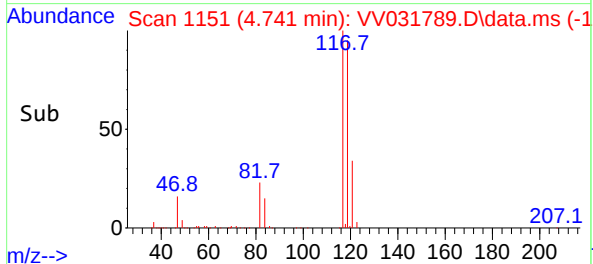
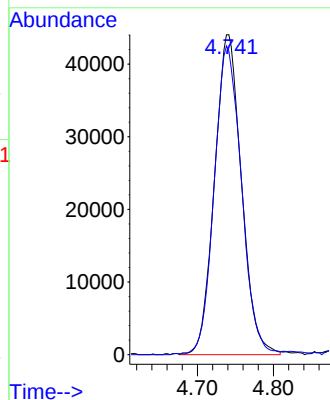
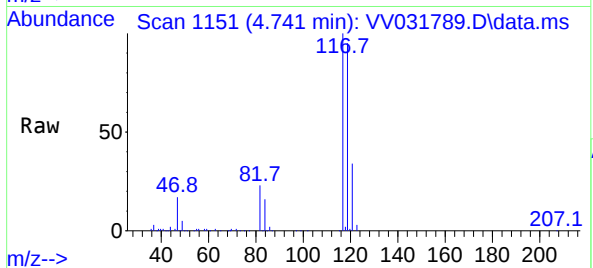




#31
Carbon tetrachloride
Concen: 4.868 ug/L
RT: 4.741 min Scan# 1150
Delta R.T. 0.003 min
Lab File: VV031789.D
Acq: 08 Aug 2023 16:35

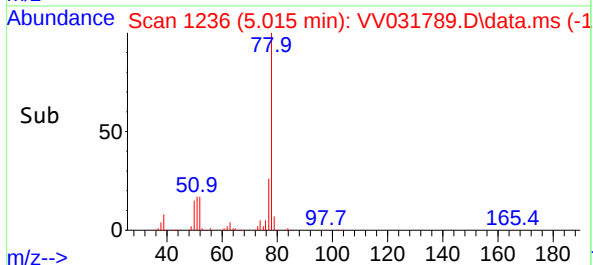
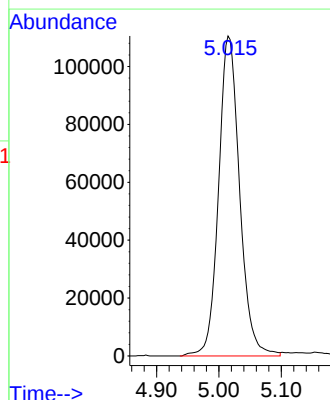
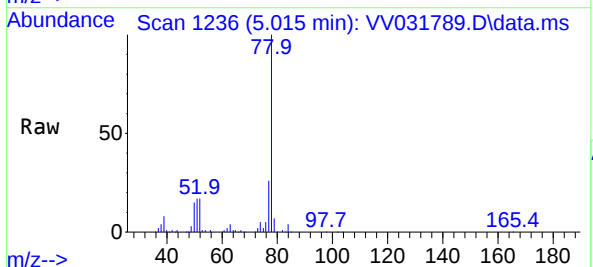
Instrument : MSVOA_V
ClientSampleId : VSTD005373

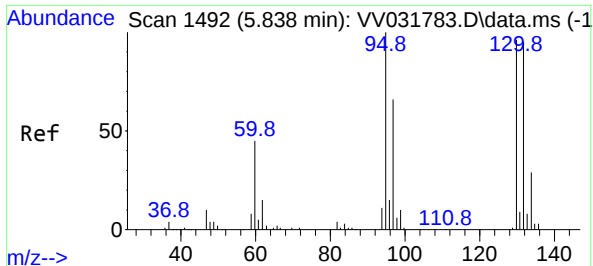
Tgt Ion:117 Resp: 108251
Ion Ratio Lower Upper
117 100
119 96.7 76.1 114.1



#33
Benzene
Concen: 4.891 ug/L
RT: 5.015 min Scan# 1236
Delta R.T. -0.000 min
Lab File: VV031789.D
Acq: 08 Aug 2023 16:35

Tgt Ion: 78 Resp: 259209



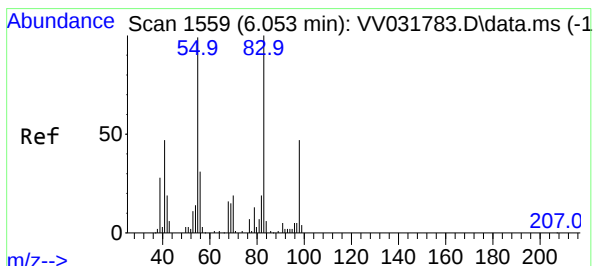
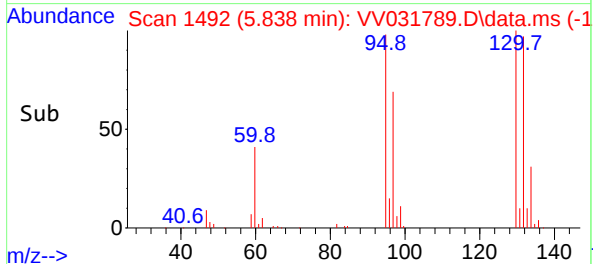
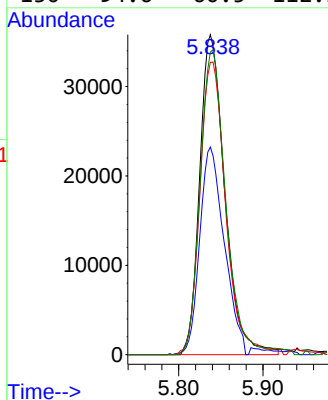
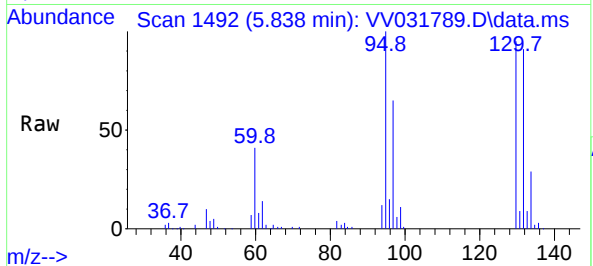


#34
Trichloroethene
Concen: 4.938 ug/L
RT: 5.838 min Scan# 1492
Delta R.T. -0.000 min
Lab File: VV031789.D
Acq: 08 Aug 2023 16:35

Instrument :
MSVOA_V
ClientSampleId :
VSTD005373

Tgt Ion: 95 Resp: 74259

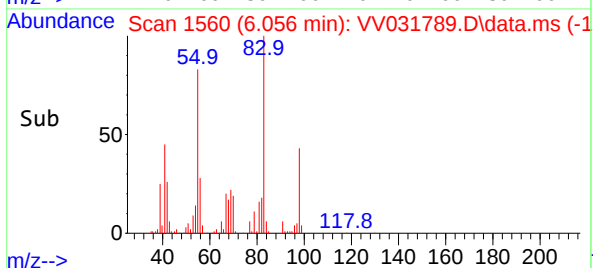
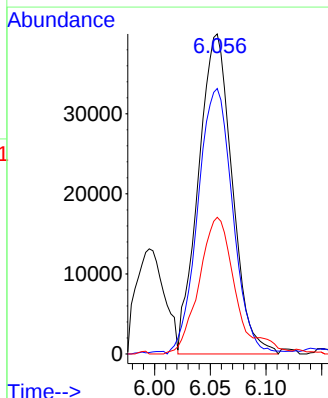
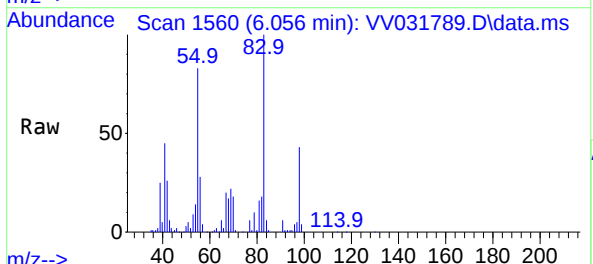
Ion	Ratio	Lower	Upper
95	100		
97	64.9	43.3	80.5
132	91.4	58.3	108.3
130	94.6	60.5	112.5

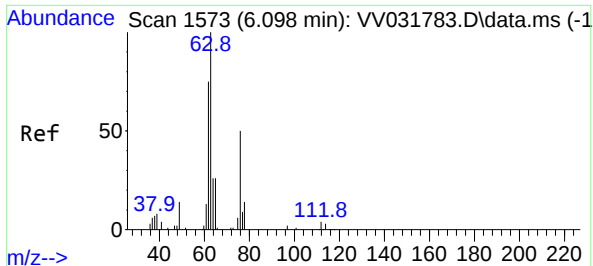


#35
Methylcyclohexane
Concen: 4.522 ug/L
RT: 6.056 min Scan# 1560
Delta R.T. 0.003 min
Lab File: VV031789.D
Acq: 08 Aug 2023 16:35

Tgt Ion: 83 Resp: 84391

Ion	Ratio	Lower	Upper
83	100		
55	85.6	73.8	110.6
98	45.9	35.1	52.7

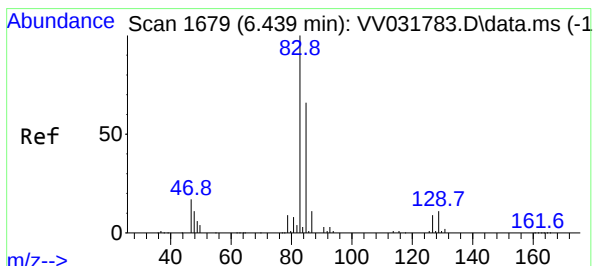
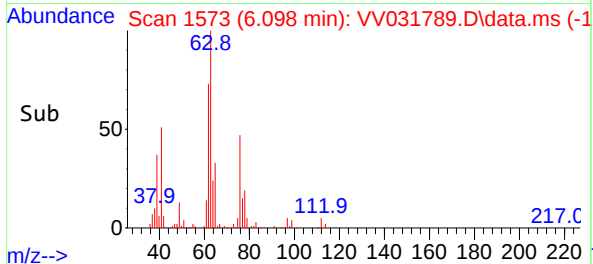
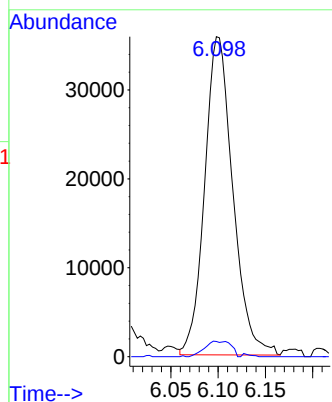
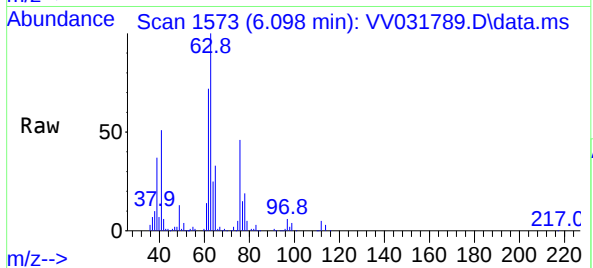




#37
1,2-Dichloropropane
Concen: 4.881 ug/L
RT: 6.098 min Scan# 11
Delta R.T. -0.000 min
Lab File: VV031789.D
Acq: 08 Aug 2023 16:35

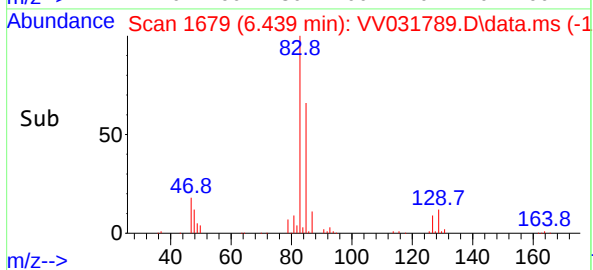
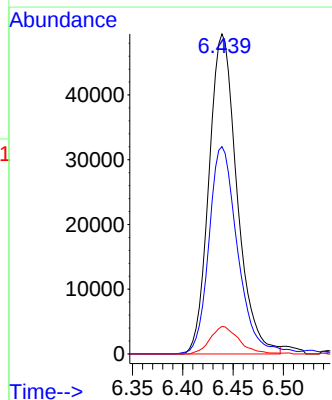
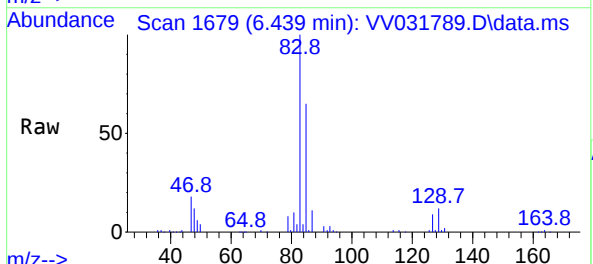
Instrument :
MSVOA_V
ClientSampleId :
VSTD005373

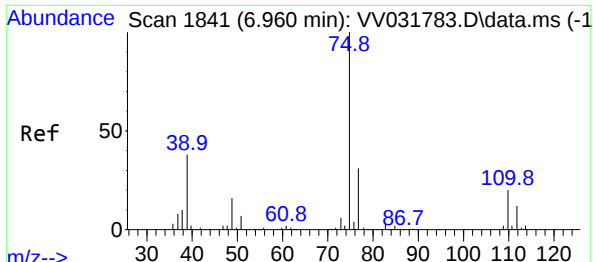
Tgt Ion: 63 Resp: 74254
Ion Ratio Lower Upper
63 100
112 2.7 1.4 2.2#



#38
Bromodichloromethane
Concen: 4.753 ug/L
RT: 6.439 min Scan# 1679
Delta R.T. -0.000 min
Lab File: VV031789.D
Acq: 08 Aug 2023 16:35

Tgt Ion: 83 Resp: 96019
Ion Ratio Lower Upper
83 100
85 65.9 45.5 84.5
127 9.6 6.9 10.3

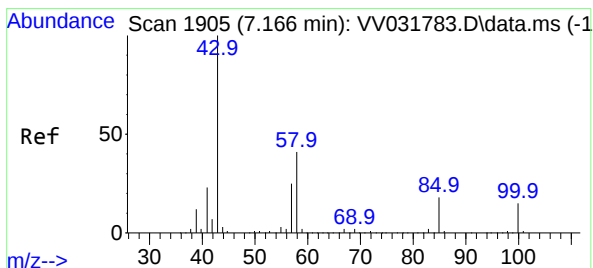
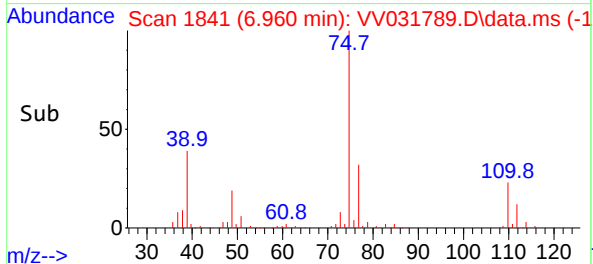
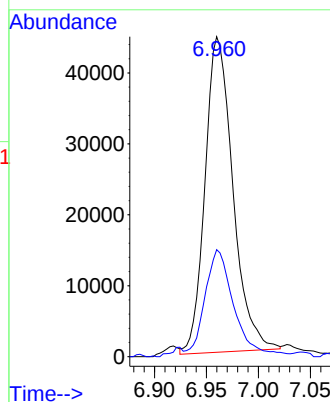
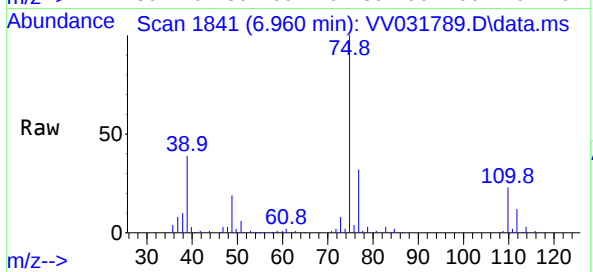




#39
cis-1,3-Dichloropropene
Concen: 4.392 ug/L
RT: 6.960 min Scan# 1841
Delta R.T. -0.000 min
Lab File: VV031789.D
Acq: 08 Aug 2023 16:35

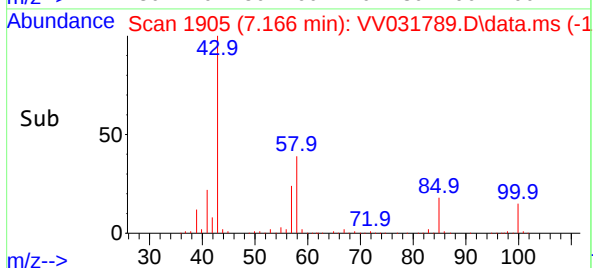
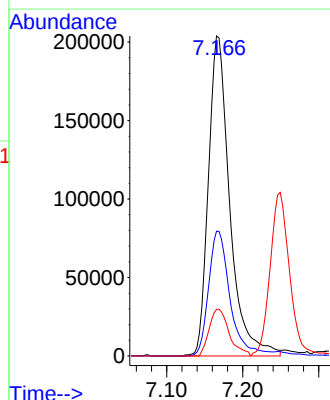
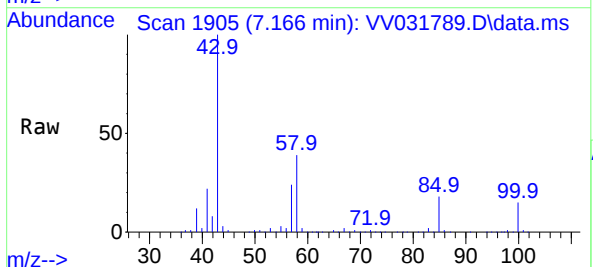
Instrument :
MSVOA_V
ClientSampleId :
VSTD005373

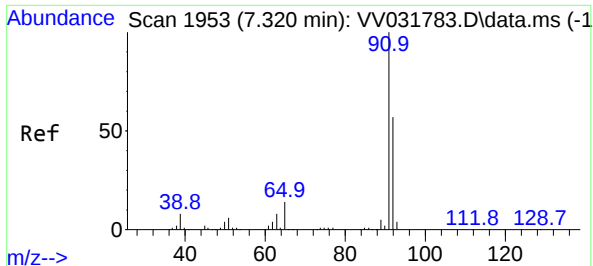
Tgt Ion: 75 Resp: 83179
Ion Ratio Lower Upper
75 100
77 33.5 23.0 42.6



#40
4-Methyl-2-pentanone
Concen: 48.956 ug/L
RT: 7.166 min Scan# 1905
Delta R.T. -0.000 min
Lab File: VV031789.D
Acq: 08 Aug 2023 16:35

Tgt Ion: 43 Resp: 398126
Ion Ratio Lower Upper
43 100
58 39.2 30.3 45.5
100 13.6 9.7 14.5





#42

Toluene

Concen: 5.435 ug/L

RT: 7.320 min Scan# 1953

Delta R.T. -0.000 min

Lab File: VV031789.D

Acq: 08 Aug 2023 16:35

Instrument :

MSVOA_V

ClientSampleId :

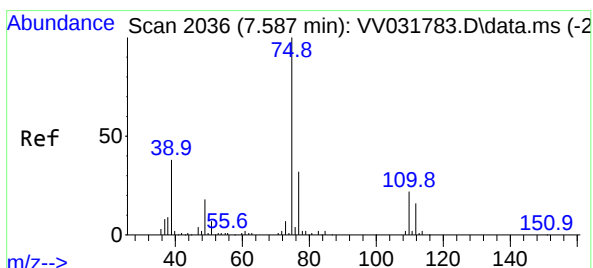
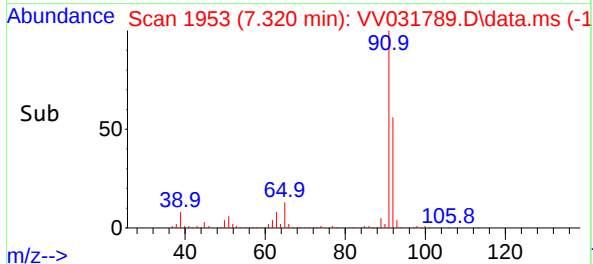
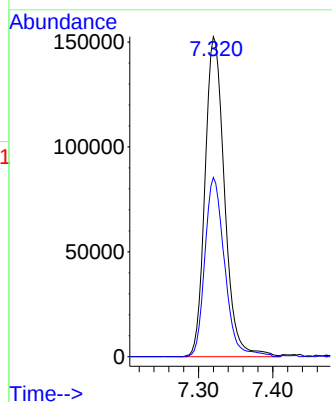
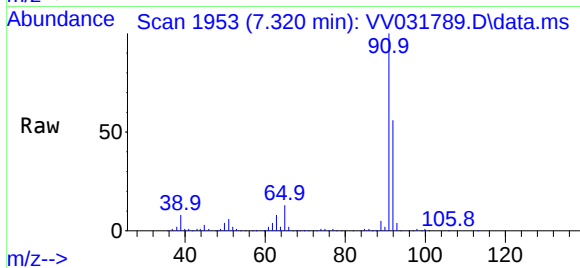
VSTD005373

Tgt Ion: 91 Resp: 278208

Ion Ratio Lower Upper

91 100

92 56.0 38.1 70.7



#44

trans-1,3-Dichloropropene

Concen: 5.081 ug/L

RT: 7.587 min Scan# 2036

Delta R.T. -0.000 min

Lab File: VV031789.D

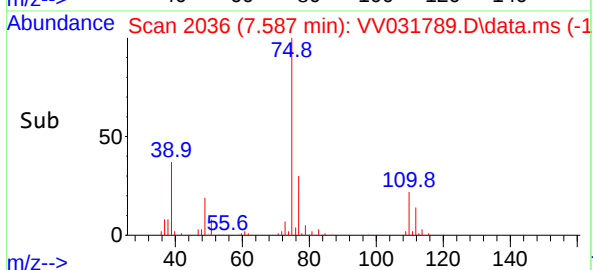
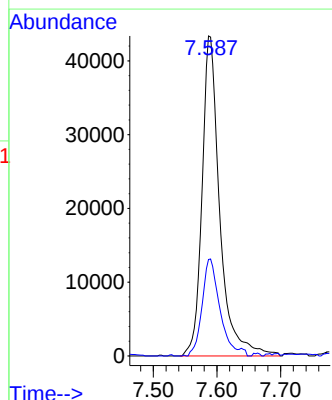
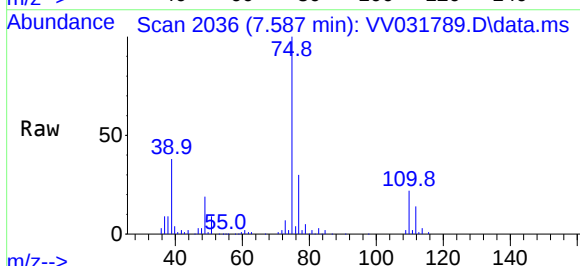
Acq: 08 Aug 2023 16:35

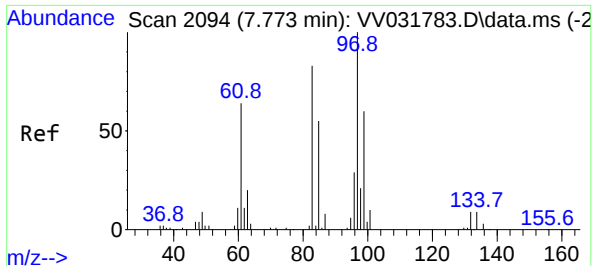
Tgt Ion: 75 Resp: 83937

Ion Ratio Lower Upper

75 100

77 30.2 21.7 40.3



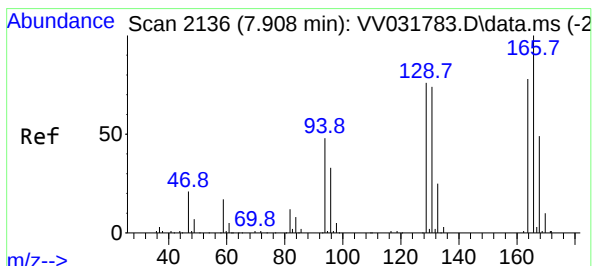
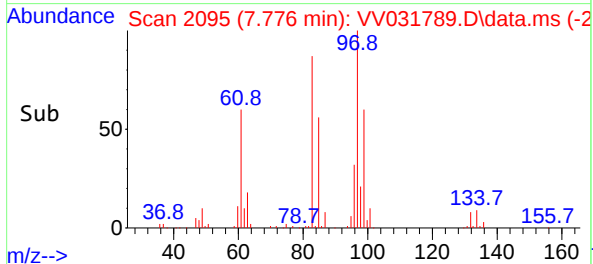
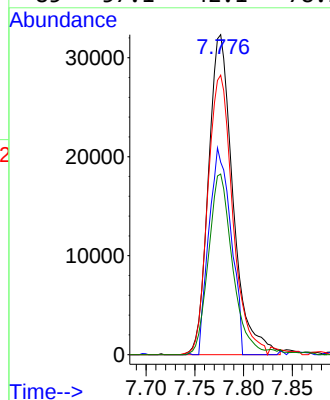
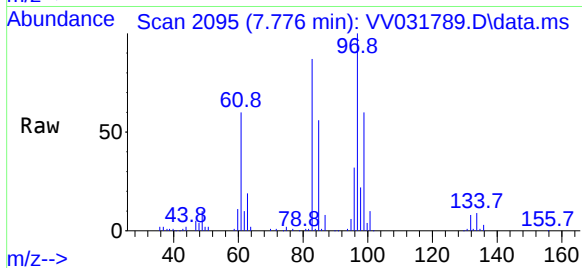


#45
1,1,2-Trichloroethane
Concen: 5.021 ug/L
RT: 7.776 min Scan# 2094
Delta R.T. 0.003 min
Lab File: VV031789.D
Acq: 08 Aug 2023 16:35

Instrument :
MSVOA_V
ClientSampleId :
VSTD005373

Tgt Ion: 97 Resp: 56753

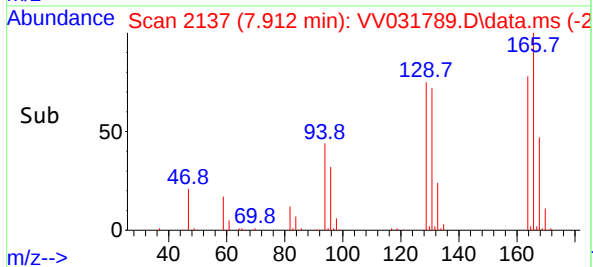
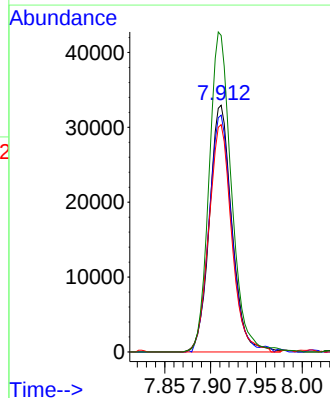
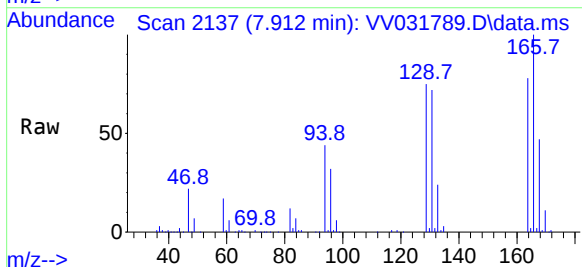
Ion	Ratio	Lower	Upper
97	100		
99	60.1	40.9	76.0
83	87.3	59.7	110.9
85	57.1	42.1	78.1

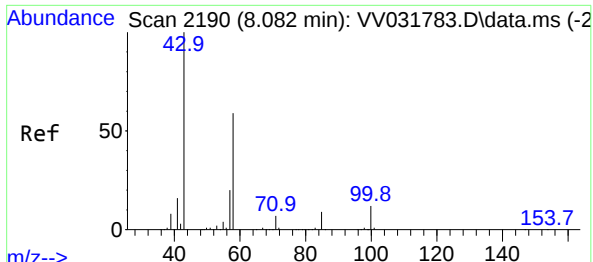


#47
Tetrachloroethene
Concen: 5.416 ug/L
RT: 7.912 min Scan# 2137
Delta R.T. 0.003 min
Lab File: VV031789.D
Acq: 08 Aug 2023 16:35

Tgt Ion: 164 Resp: 56225

Ion	Ratio	Lower	Upper
164	100		
129	95.9	70.5	130.9
131	92.1	64.0	118.8
166	128.3	89.9	166.9



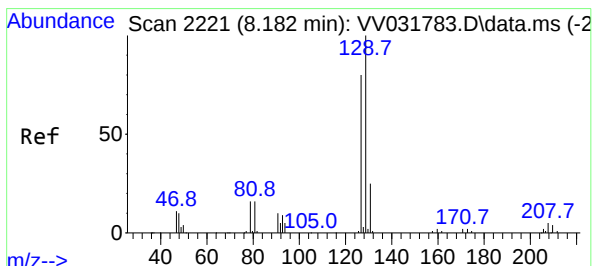
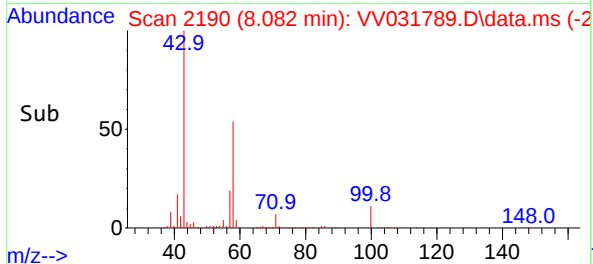
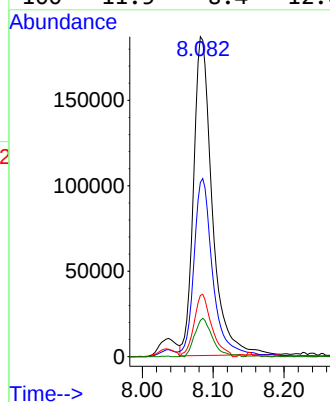
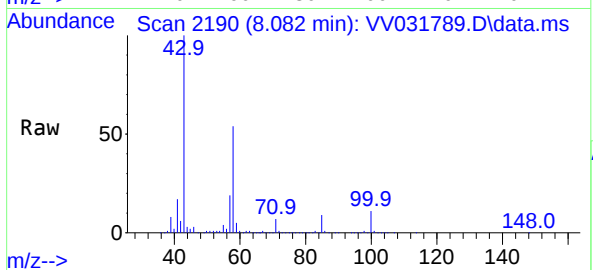


#48
2-Hexanone
Concen: 57.503 ug/L
RT: 8.082 min Scan# 2190
Delta R.T. -0.000 min
Lab File: VV031789.D
Acq: 08 Aug 2023 16:35

Instrument :
MSVOA_V
ClientSampleId :
VSTD005373

Tgt Ion: 43 Resp: 342658

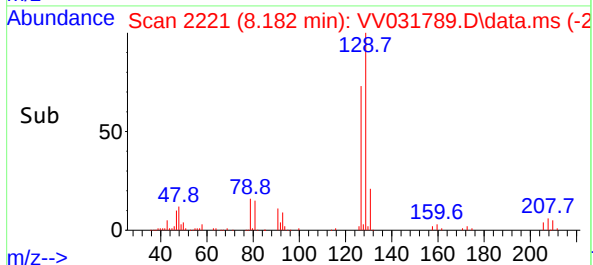
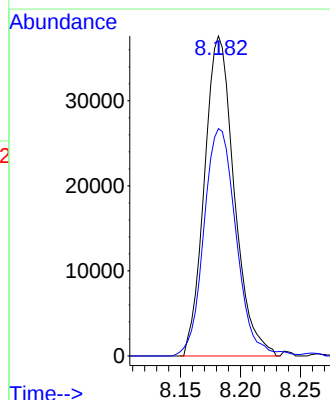
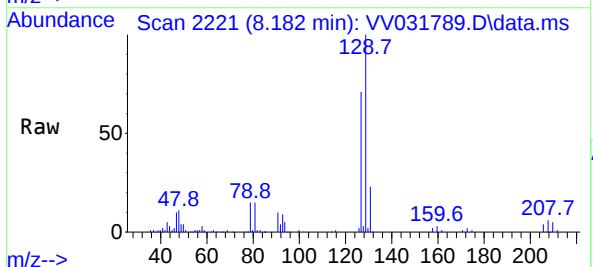
Ion	Ratio	Lower	Upper
43	100		
58	54.9	42.6	64.0
57	18.5	14.6	21.8
100	11.5	8.4	12.6

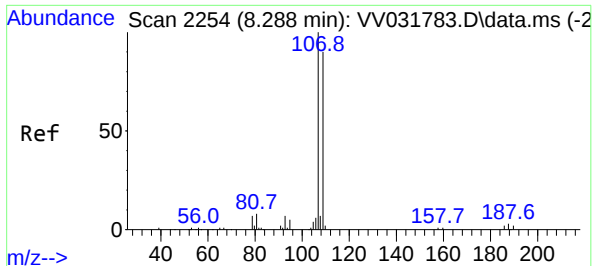


#49
Dibromochloromethane
Concen: 5.355 ug/L
RT: 8.182 min Scan# 2221
Delta R.T. -0.000 min
Lab File: VV031789.D
Acq: 08 Aug 2023 16:35

Tgt Ion: 129 Resp: 65018

Ion	Ratio	Lower	Upper
129	100		
127	71.0	51.7	96.1

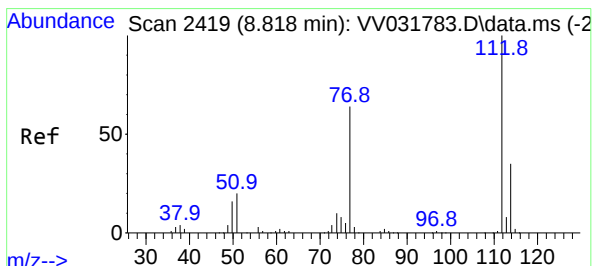
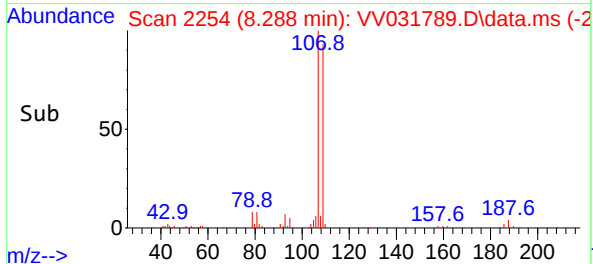
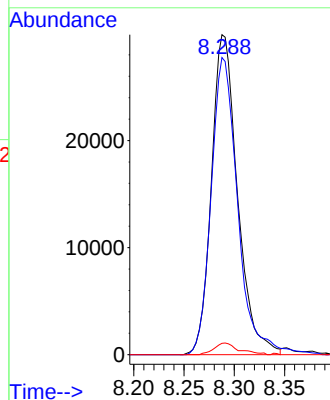
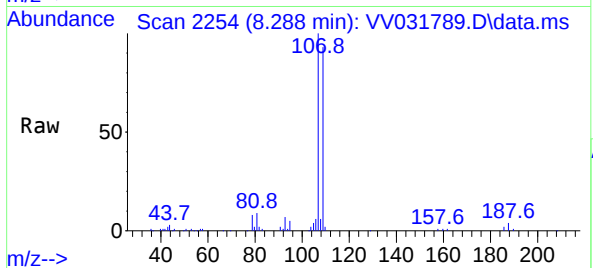




#50
1,2-Dibromoethane
Concen: 5.099 ug/L
RT: 8.288 min Scan# 21
Delta R.T. -0.000 min
Lab File: VV031789.D
Acq: 08 Aug 2023 16:35

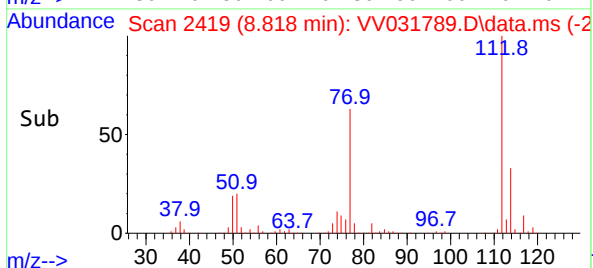
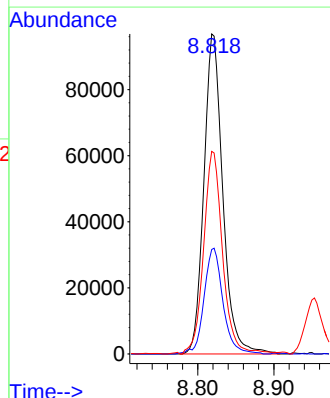
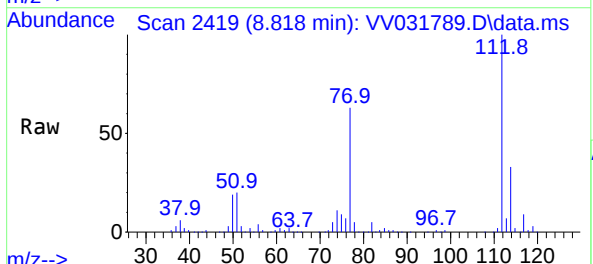
Instrument :
MSVOA_V
ClientSampleId :
VSTD005373

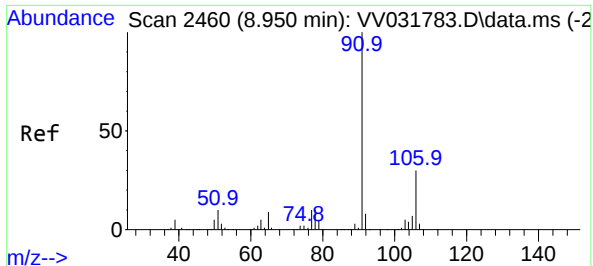
Tgt Ion:	107	Resp:	53898
Ion	Ratio	Lower	Upper
107	100		
109	94.9	67.6	125.6
188	3.6	3.0	4.6



#51
Chlorobenzene
Concen: 4.958 ug/L
RT: 8.818 min Scan# 2419
Delta R.T. -0.000 min
Lab File: VV031789.D
Acq: 08 Aug 2023 16:35

Tgt Ion:	112	Resp:	167393
Ion	Ratio	Lower	Upper
112	100		
114	30.4	21.6	40.2
77	59.0	54.2	81.4





#52

Ethylbenzene

Concen: 4.912 ug/L

RT: 8.953 min Scan# 2461

Delta R.T. 0.003 min

Lab File: VV031789.D

Acq: 08 Aug 2023 16:35

Instrument :

MSVOA_V

ClientSampleId :

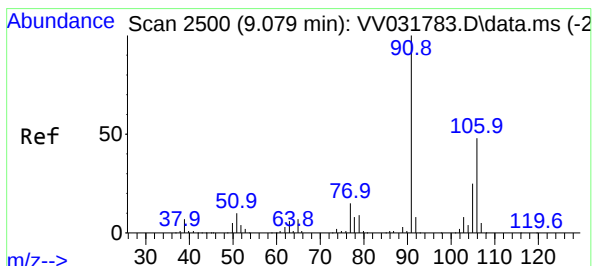
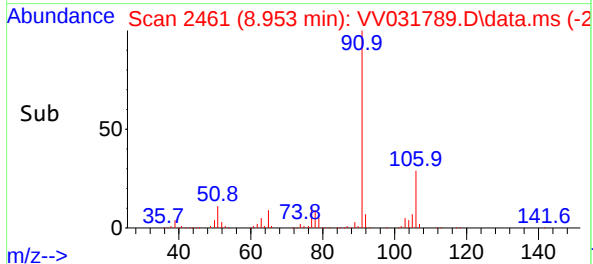
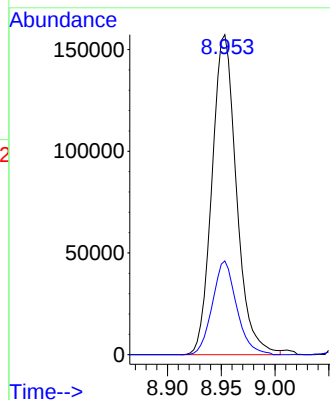
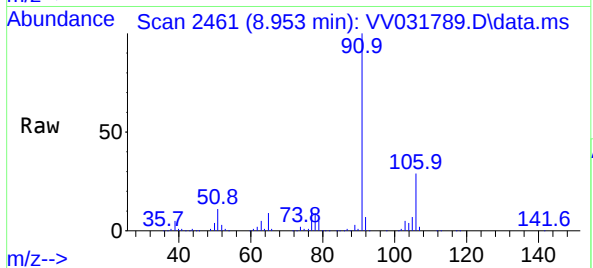
VSTD005373

Tgt Ion: 91 Resp: 249297

Ion Ratio Lower Upper

91 100

106 29.3 21.2 39.4



#53

m,p-Xylene

Concen: 5.073 ug/L

RT: 9.079 min Scan# 2500

Delta R.T. -0.000 min

Lab File: VV031789.D

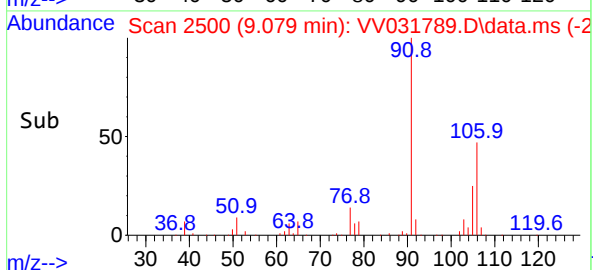
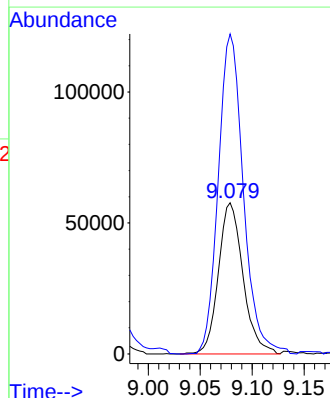
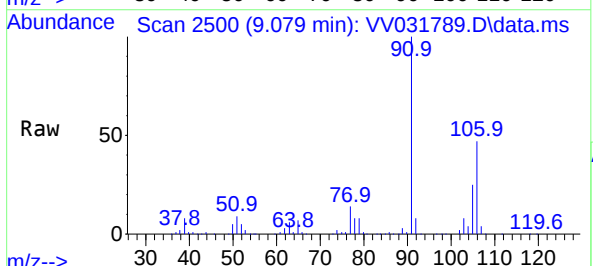
Acq: 08 Aug 2023 16:35

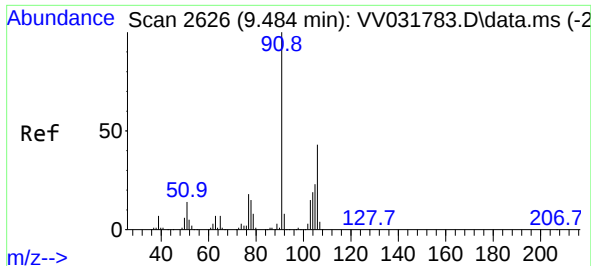
Tgt Ion: 106 Resp: 95157

Ion Ratio Lower Upper

106 100

91 211.5 149.9 278.3

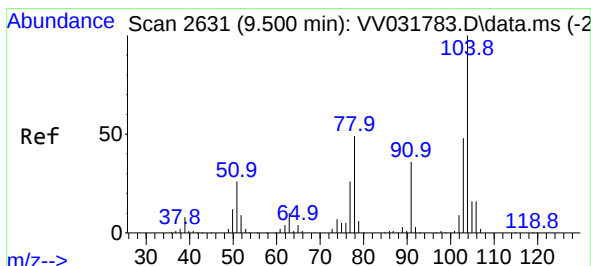
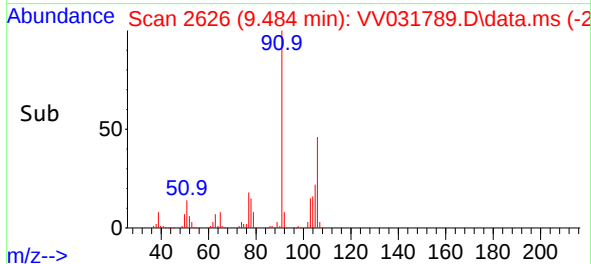
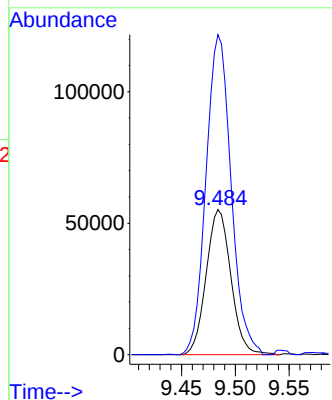
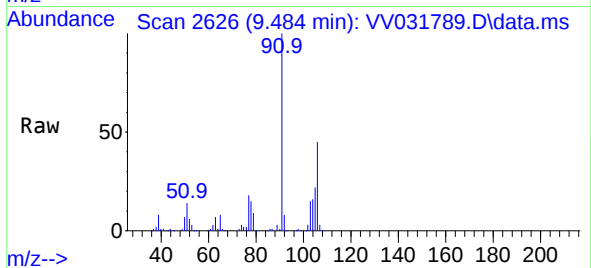




#54
o-Xylene
Concen: 5.058 ug/L
RT: 9.484 min Scan# 2626
Delta R.T. -0.000 min
Lab File: VV031789.D
Acq: 08 Aug 2023 16:35

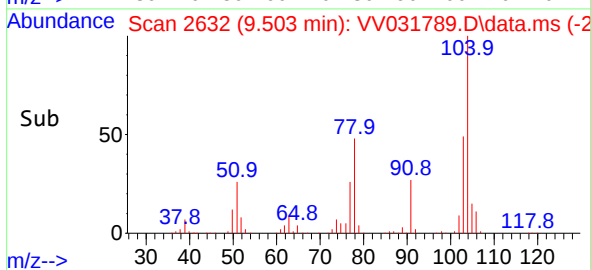
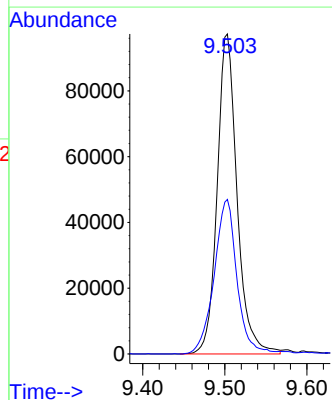
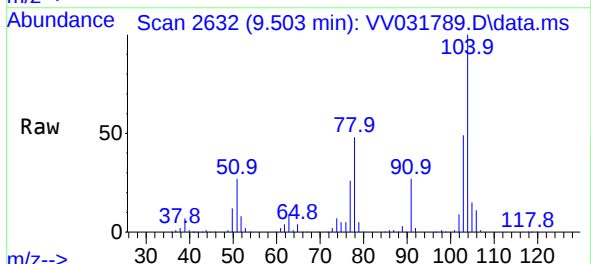
Instrument :
MSVOA_V
ClientSampleId :
VSTD005373

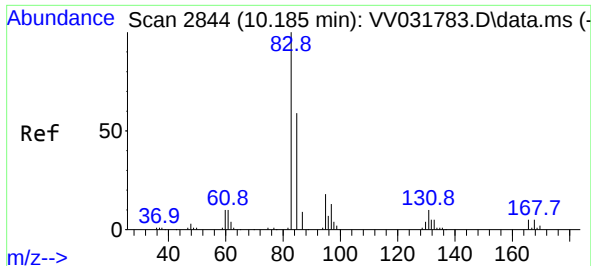
Tgt Ion:106 Resp: 88009
Ion Ratio Lower Upper
106 100
91 220.6 166.7 309.5



#55
Styrene
Concen: 4.987 ug/L
RT: 9.503 min Scan# 2632
Delta R.T. -0.000 min
Lab File: VV031789.D
Acq: 08 Aug 2023 16:35

Tgt Ion:104 Resp: 163742
Ion Ratio Lower Upper
104 100
78 48.3 35.3 65.5

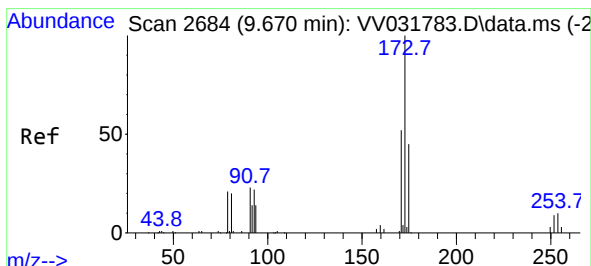
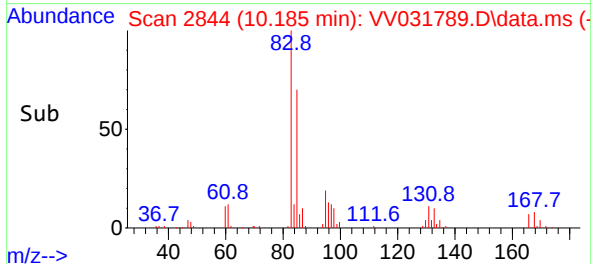
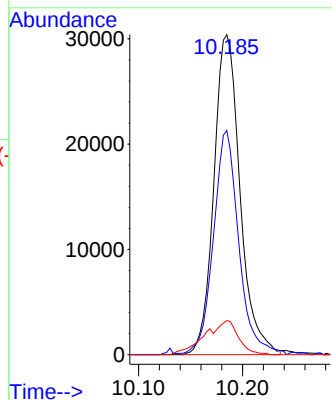
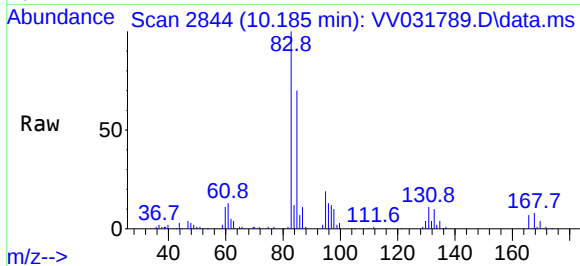




#57
1,1,2,2-Tetrachloroethane
Concen: 4.452 ug/L
RT: 10.185 min Scan# 2844
Delta R.T. -0.000 min
Lab File: VV031789.D
Acq: 08 Aug 2023 16:35

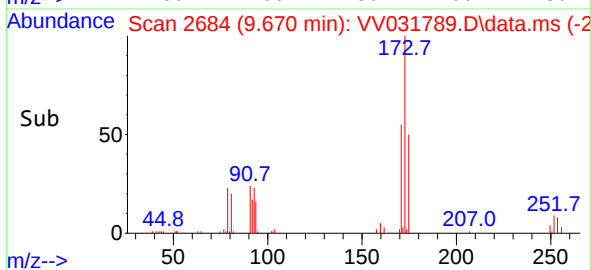
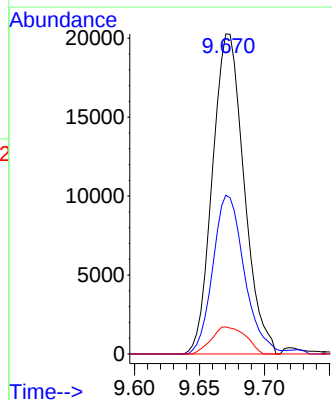
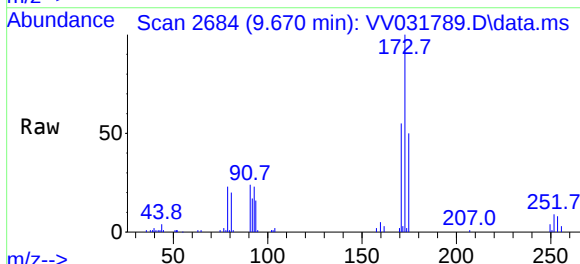
Instrument :
MSVOA_V
ClientSampleId :
VSTD005373

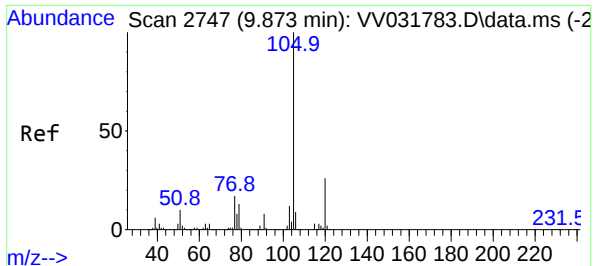
Tgt Ion: 83 Resp: 53259
Ion Ratio Lower Upper
83 100
85 70.1 48.6 90.2
131 10.7 7.0 10.6#



#59
Bromoform
Concen: 4.322 ug/L
RT: 9.670 min Scan# 2684
Delta R.T. -0.000 min
Lab File: VV031789.D
Acq: 08 Aug 2023 16:35

Tgt Ion:173 Resp: 34238
Ion Ratio Lower Upper
173 100
175 49.5 40.2 60.4
254 9.1 6.4 9.6

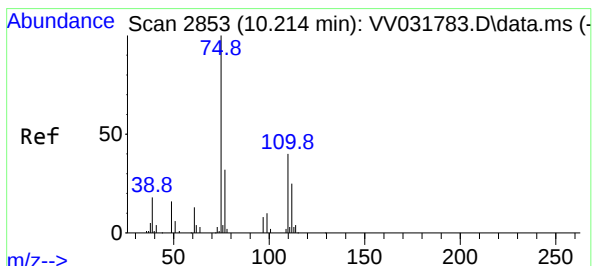
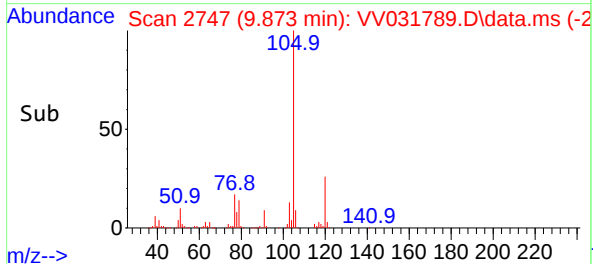
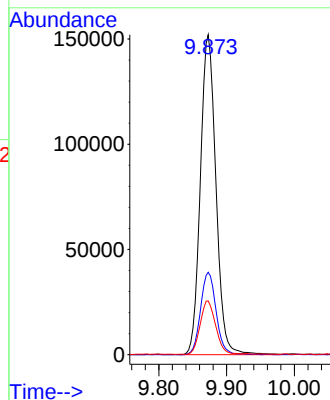
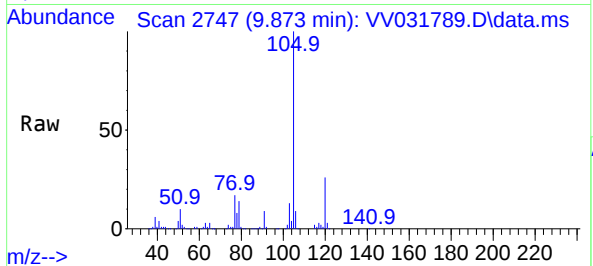




#60
Isopropylbenzene
Concen: 4.612 ug/L
RT: 9.873 min Scan# 21
Delta R.T. -0.000 min
Lab File: VV031789.D
Acq: 08 Aug 2023 16:35

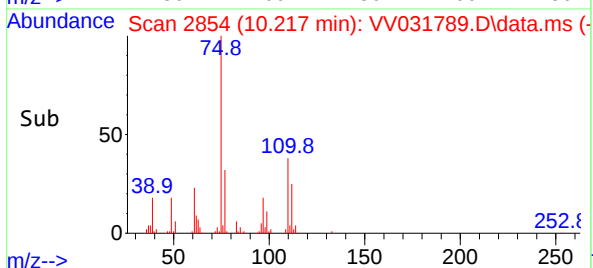
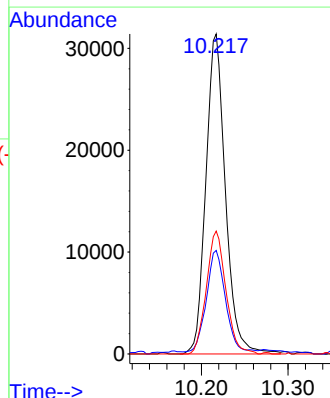
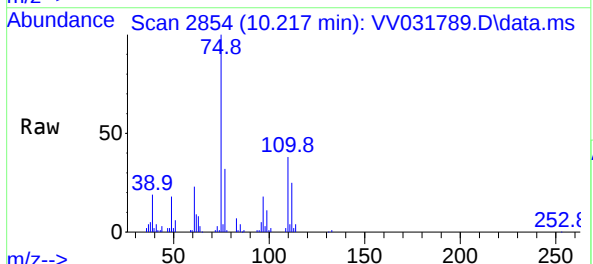
Instrument :
MSVOA_V
ClientSampleId :
VSTD005373

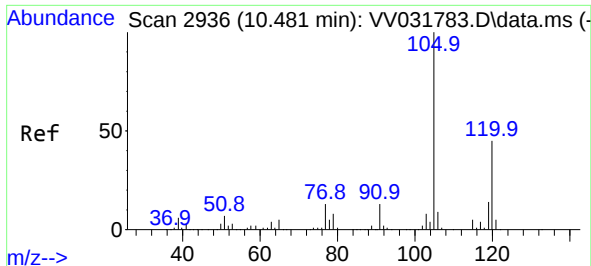
Tgt Ion:105 Resp: 242424
Ion Ratio Lower Upper
105 100
120 25.5 20.0 30.0
77 16.6 14.2 21.4



#61
1,2,3-Trichloropropane
Concen: 4.670 ug/L
RT: 10.217 min Scan# 2854
Delta R.T. 0.003 min
Lab File: VV031789.D
Acq: 08 Aug 2023 16:35

Tgt Ion: 75 Resp: 49248
Ion Ratio Lower Upper
75 100
77 30.7 25.9 38.9
110 38.4 28.6 42.8

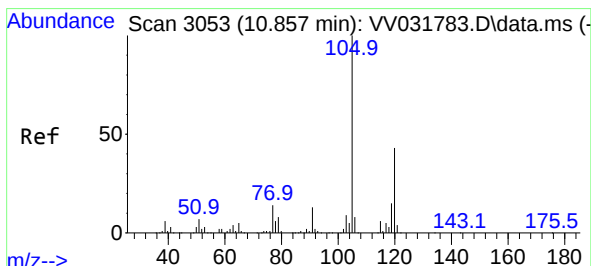
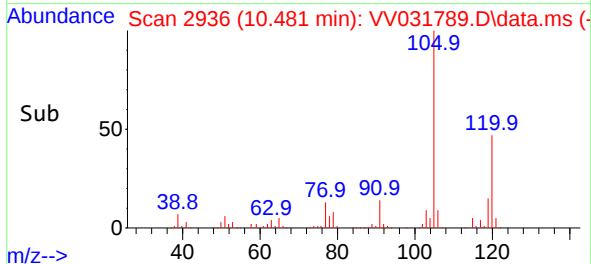
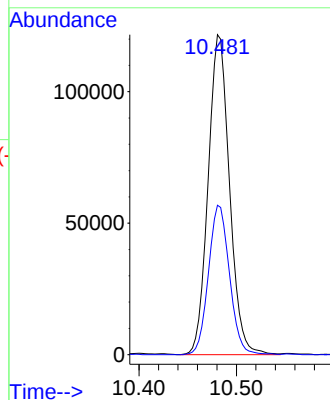
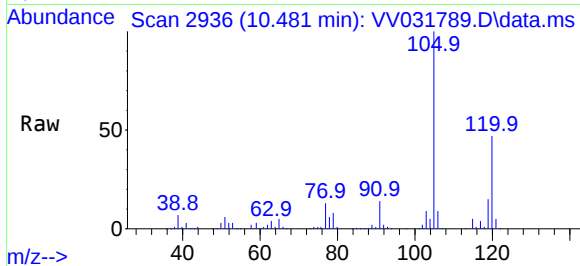




#62
1,3,5-Trimethylbenzene
Concen: 4.379 ug/L
RT: 10.481 min Scan# 2936
Delta R.T. -0.000 min
Lab File: VV031789.D
Acq: 08 Aug 2023 16:35

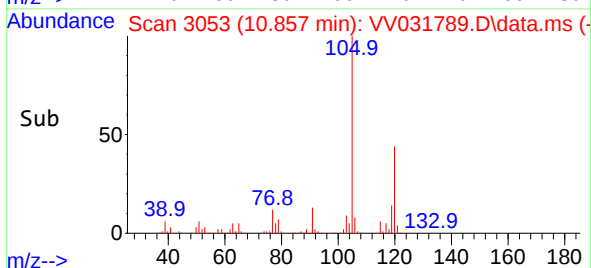
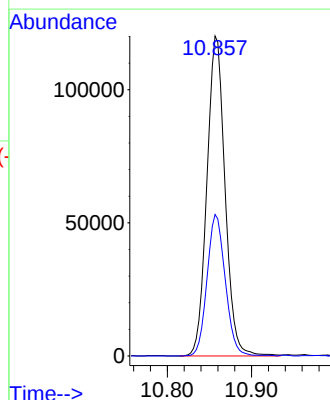
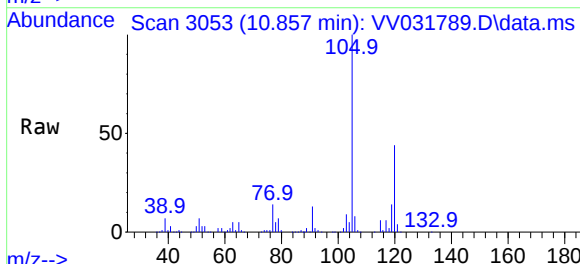
Instrument :
MSVOA_V
ClientSampleId :
VSTD005373

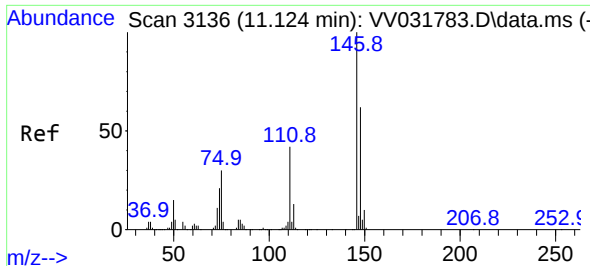
Tgt Ion:105 Resp: 185686
Ion Ratio Lower Upper
105 100
120 45.9 36.2 54.4



#63
1,2,4-Trimethylbenzene
Concen: 4.260 ug/L
RT: 10.857 min Scan# 3053
Delta R.T. -0.000 min
Lab File: VV031789.D
Acq: 08 Aug 2023 16:35

Tgt Ion:105 Resp: 180286
Ion Ratio Lower Upper
105 100
120 44.4 33.4 50.0

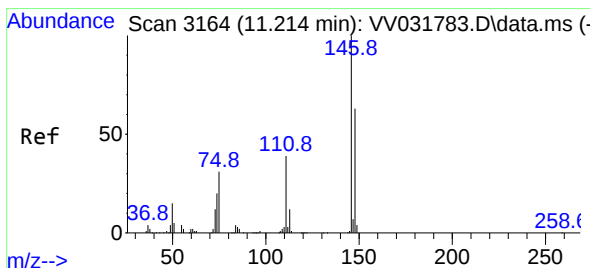
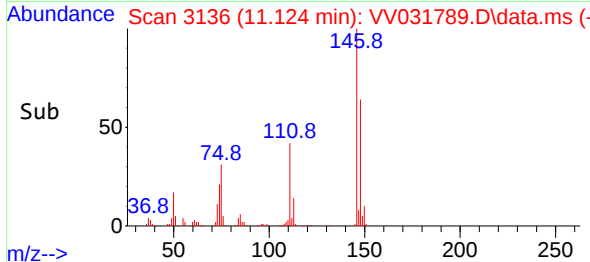
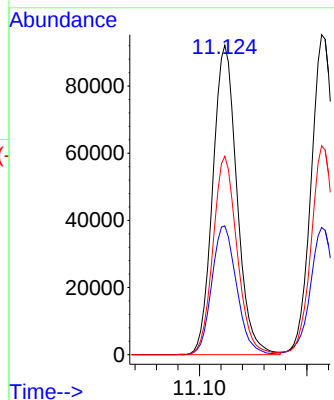
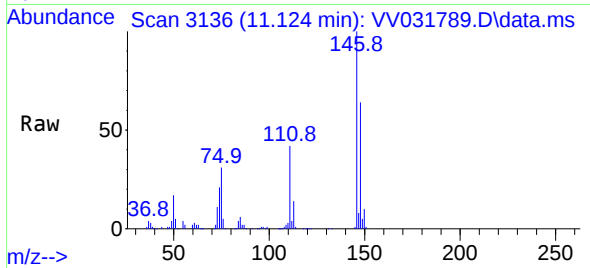




#64
1,3-Dichlorobenzene
Concen: 5.085 ug/L
RT: 11.124 min Scan# 3136
Delta R.T. -0.000 min
Lab File: VV031789.D
Acq: 08 Aug 2023 16:35

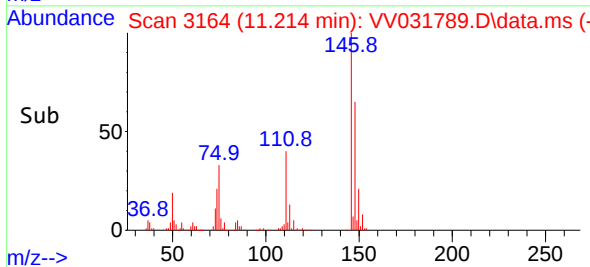
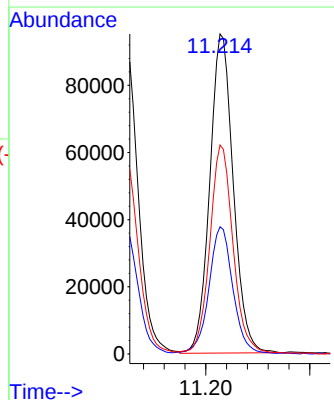
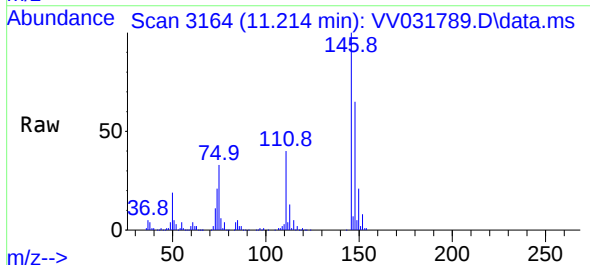
Instrument :
MSVOA_V
ClientSampleId :
VSTD005373

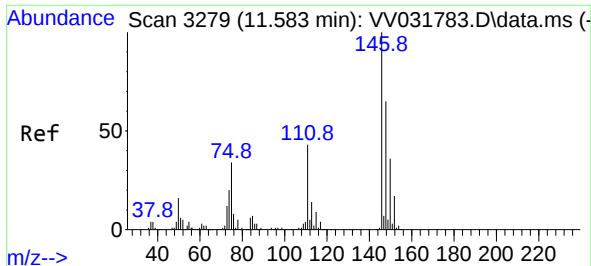
Tgt Ion:146 Resp: 144027
Ion Ratio Lower Upper
146 100
111 41.6 28.8 53.4
148 64.1 43.8 81.4



#65
1,4-Dichlorobenzene
Concen: 4.975 ug/L
RT: 11.214 min Scan# 3164
Delta R.T. -0.000 min
Lab File: VV031789.D
Acq: 08 Aug 2023 16:35

Tgt Ion:146 Resp: 149160
Ion Ratio Lower Upper
146 100
111 39.7 28.2 52.4
148 65.3 43.6 81.0





#67

1,2-Dichlorobenzene

Concen: 5.037 ug/L

RT: 11.583 min Scan# 31

Delta R.T. -0.000 min

Lab File: VV031789.D

Acq: 08 Aug 2023 16:35

Instrument :

MSVOA_V

ClientSampleId :

VSTD005373

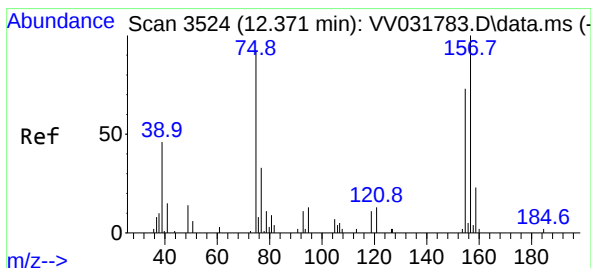
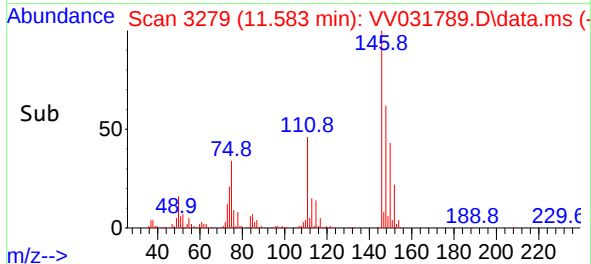
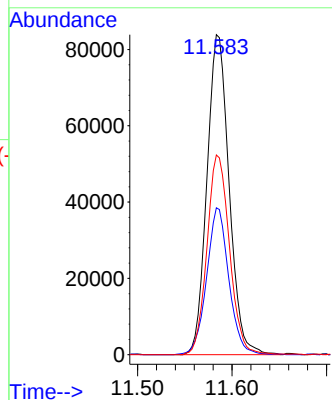
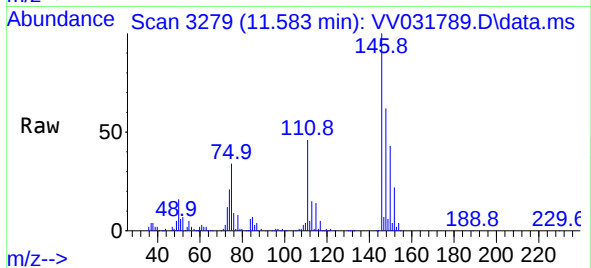
Tgt Ion:146 Resp: 136736

Ion Ratio Lower Upper

146 100

111 45.9 34.2 51.4

148 62.4 48.1 72.1



#68

1,2-Dibromo-3-chloropropane

Concen: 4.589 ug/L

RT: 12.371 min Scan# 3524

Delta R.T. -0.000 min

Lab File: VV031789.D

Acq: 08 Aug 2023 16:35

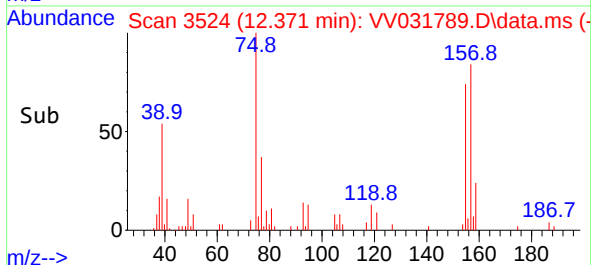
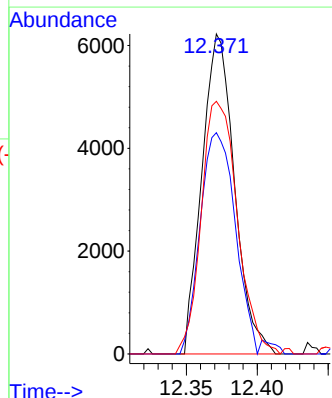
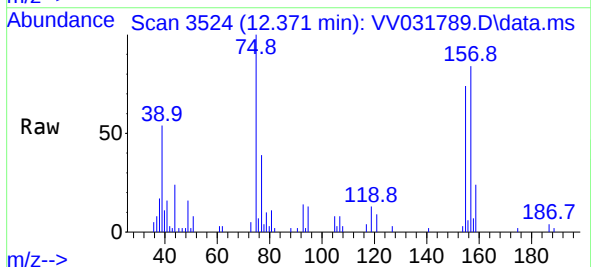
Tgt Ion: 75 Resp: 9945

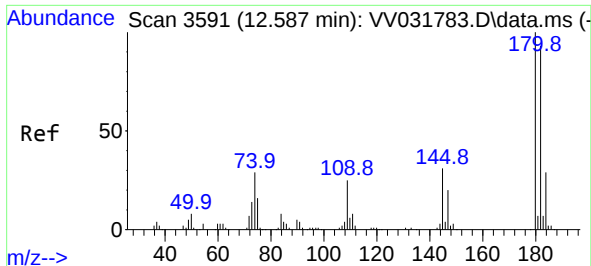
Ion Ratio Lower Upper

75 100

155 69.2 61.4 92.0

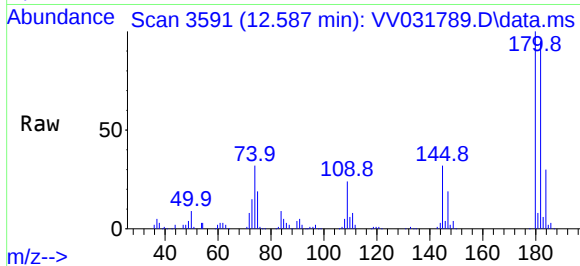
157 79.0 82.8 124.2#



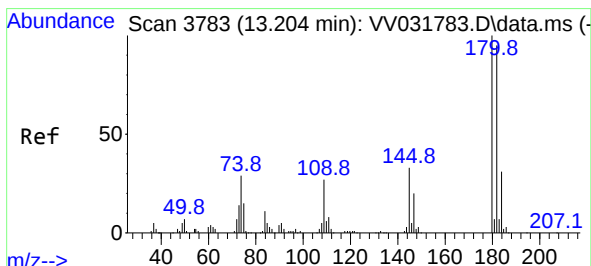
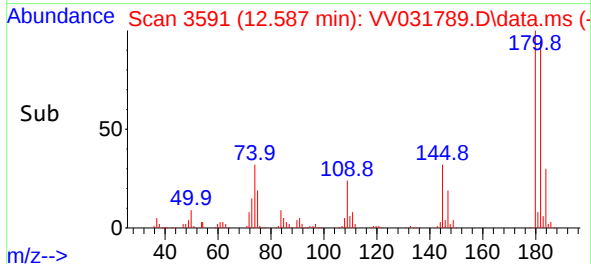
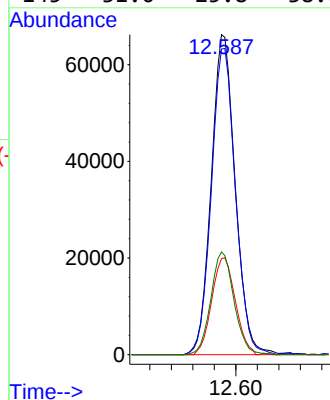


#69
 1,3,5-Trichlorobenzene
 Concen: 4.942 ug/L
 RT: 12.587 min Scan# 3591
 Delta R.T. -0.000 min
 Lab File: VV031789.D
 Acq: 08 Aug 2023 16:35

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005373

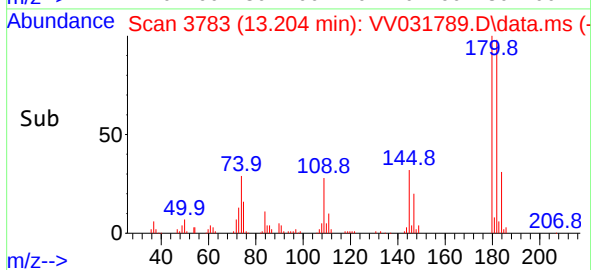
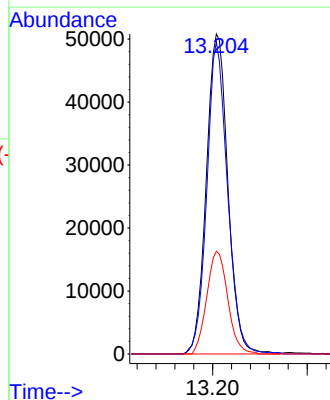
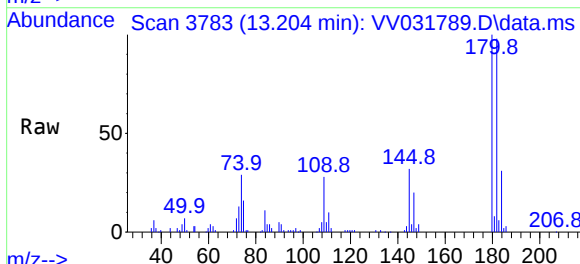


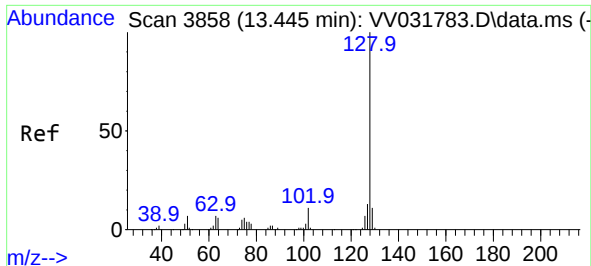
Tgt Ion:180 Resp: 102384
 Ion Ratio Lower Upper
 180 100
 182 95.8 78.3 117.5
 184 29.8 24.5 36.7
 145 31.0 25.8 38.6



#70
 1,2,4-trichlorobenzene
 Concen: 4.895 ug/L
 RT: 13.204 min Scan# 3783
 Delta R.T. -0.000 min
 Lab File: VV031789.D
 Acq: 08 Aug 2023 16:35

Tgt Ion:180 Resp: 80348
 Ion Ratio Lower Upper
 180 100
 182 93.6 76.0 114.0
 145 31.3 26.2 39.4

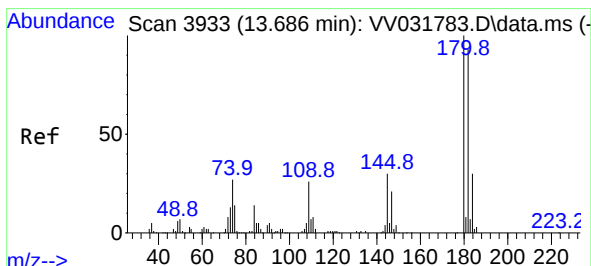
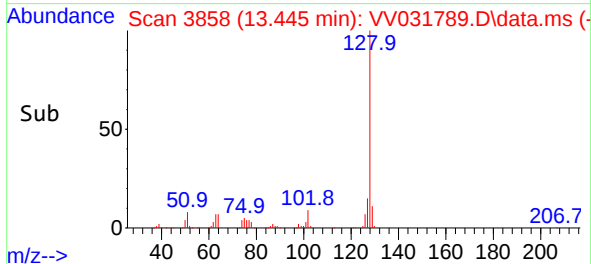
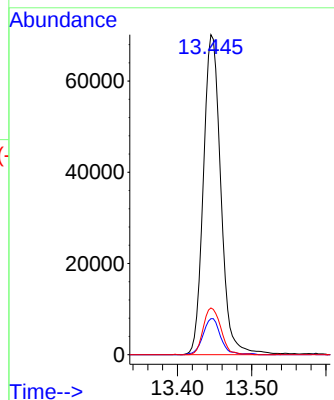
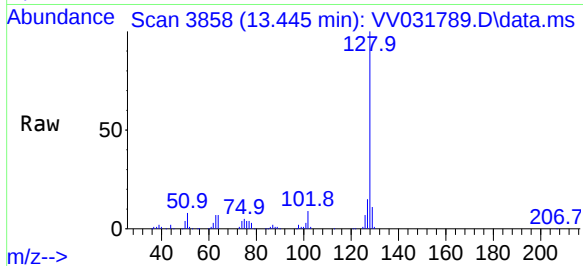




#71
Naphthalene
Concen: 4.324 ug/L
RT: 13.445 min Scan# 3858
Delta R.T. -0.000 min
Lab File: VV031789.D
Acq: 08 Aug 2023 16:35

Instrument :
MSVOA_V
ClientSampleId :
VSTD005373

Tgt Ion:128 Resp: 114505
Ion Ratio Lower Upper
128 100
129 11.3 9.1 13.7
127 14.8 11.6 17.4



#72
1,2,3-Trichlorobenzene
Concen: 4.729 ug/L
RT: 13.686 min Scan# 3933
Delta R.T. -0.000 min
Lab File: VV031789.D
Acq: 08 Aug 2023 16:35

Tgt Ion:180 Resp: 71684
Ion Ratio Lower Upper
180 100
182 95.9 74.6 111.8
145 33.2 27.4 41.0

