

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW040523\
 Data File : VW030405.D
 Acq On : 05 Apr 2023 16:59
 Operator : SY/MD
 Sample : VSTDCCC005EC
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005321

Quant Time: Apr 06 05:27:58 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR032323WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Mar 31 05:37:21 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.542	114	140282	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.792	117	137036	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.194	152	81690	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.281	65	24344	2.620	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	52.400%
7) Chloroethane-d5	1.535	69	30887	3.426	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	68.600%
11) 1,1-Dichloroethene-d2	2.069	63	77314	3.507	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	70.200%
20) 2-Butanone-d5	3.815	46	121246	50.489	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	100.980%
24) Chloroform-d	4.259	84	94965	4.223	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	84.400%
26) 1,2-Dichloroethane-d4	4.957	65	48332	4.556	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	91.200%
32) Benzene-d6	4.973	84	154750	4.007	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	80.200%
36) 1,2-Dichloropropane-d6	5.998	67	51097	4.227	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	84.600%
41) Toluene-d8	7.252	98	142260	4.012	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	80.200%
43) trans-1,3-Dichloroprop...	7.561	79	17287	3.798	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	76.000%
46) 2-Hexanone-d5	8.034	63	89968	49.188	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	98.380%
56) 1,1,2,2-Tetrachloroeth...	10.162	84	43289	4.543	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	90.800%
66) 1,2-Dichlorobenzene-d4	11.570	152	61736	4.228	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	84.600%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.108	85	78822	4.420	ug/L	98
3) Chloromethane	1.217	50	92556	4.113	ug/L	100
5) Vinyl chloride	1.285	62	72609	4.426	ug/L	99
6) Bromomethane	1.490	94	25653	5.483	ug/L	99
8) Chloroethane	1.555	64	44880	4.776	ug/L	96
9) Trichlorofluoromethane	1.719	101	116761	4.882	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.076	101	62093	4.704	ug/L	98
12) 1,1-Dichloroethene	2.076	96	54941	4.687	ug/L	83
13) Acetone	2.140	43	110409	48.079	ug/L	81
14) Carbon disulfide	2.246	76	171416	4.440	ug/L	99
15) Methyl Acetate	2.391	43	19780	4.820	ug/L	95
16) Methylene chloride	2.455	84	68524	4.942	ug/L	98
17) Methyl tert-butyl Ether	2.712	73	115440	4.650	ug/L	99
18) trans-1,2-Dichloroethene	2.703	96	54975	4.452	ug/L	100
19) 1,1-Dichloroethane	3.121	63	113137	4.726	ug/L	98
21) 2-Butanone	3.896	43	139518	48.271	ug/L	96
22) cis-1,2-Dichloroethene	3.825	96	59669	4.815	ug/L	95
23) Bromochloromethane	4.159	128	28284	4.887	ug/L	94
25) Chloroform	4.288	83	119391	4.935	ug/L	95

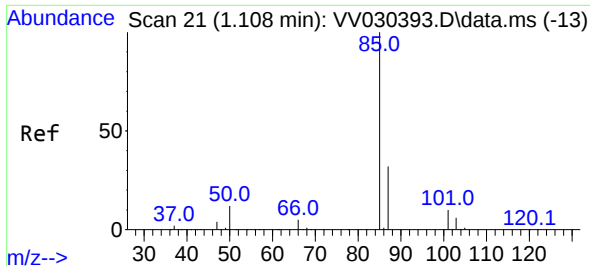
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 Quant Title : TRACE VOA SFAM1.0
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.053	62	72787	4.976	ug/L	96
29) 1,1,1-Trichloroethane	4.523	97	107082	4.862	ug/L	98
30) Cyclohexane	4.596	56	91050	4.538	ug/L	99
31) Carbon tetrachloride	4.744	117	98855	4.946	ug/L	98
33) Benzene	5.021	78	236081	4.850	ug/L	100
34) Trichloroethene	5.841	95	62811	4.785	ug/L	99
35) Methylcyclohexane	6.059	83	96717	4.694	ug/L	99
37) 1,2-Dichloropropane	6.104	63	60068	4.807	ug/L	99
38) Bromodichloromethane	6.442	83	80321	4.909	ug/L	96
39) cis-1,3-Dichloropropene	6.963	75	78046	4.442	ug/L	100
40) 4-Methyl-2-pentanone	7.169	43	322751	49.017	ug/L	98
42) Toluene	7.323	91	264123	5.095	ug/L	98
44) trans-1,3-Dichloropropene	7.590	75	66942	4.477	ug/L	97
45) 1,1,2-Trichloroethane	7.776	97	41918	4.764	ug/L	99
47) Tetrachloroethene	7.911	164	55799	4.816	ug/L	97
48) 2-Hexanone	8.085	43	255612	51.835	ug/L	99
49) Dibromochloromethane	8.185	129	49577	4.734	ug/L	93
50) 1,2-Dibromoethane	8.291	107	37145	4.641	ug/L #	89
51) Chlorobenzene	8.821	112	165810	4.995	ug/L	99
52) Ethylbenzene	8.953	91	276415	4.873	ug/L	98
53) m,p-Xylene	9.082	106	106659	4.912	ug/L	98
54) o-Xylene	9.487	106	101254	4.874	ug/L	96
55) Styrene	9.503	104	180565	5.117	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.188	83	48878	4.680	ug/L	99
59) Bromoform	9.673	173	30482	4.617	ug/L	98
60) Isopropylbenzene	9.876	105	282369	4.687	ug/L	100
61) 1,2,3-Trichloropropane	10.217	75	34381	4.707	ug/L	99
62) 1,3,5-Trimethylbenzene	10.484	105	224040	4.557	ug/L	99
63) 1,2,4-Trimethylbenzene	10.860	105	237424	4.739	ug/L	100
64) 1,3-Dichlorobenzene	11.127	146	145582	4.846	ug/L	100
65) 1,4-Dichlorobenzene	11.217	146	145236	4.799	ug/L	99
67) 1,2-Dichlorobenzene	11.587	146	128490	4.746	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.374	75	7920	4.360	ug/L	92
69) 1,3,5-Trichlorobenzene	12.590	180	113489	4.906	ug/L	97
70) 1,2,4-trichlorobenzene	13.207	180	83760	4.690	ug/L	100
71) Naphthalene	13.448	128	109577	4.296	ug/L	100
72) 1,2,3-Trichlorobenzene	13.689	180	71670	4.632	ug/L	99

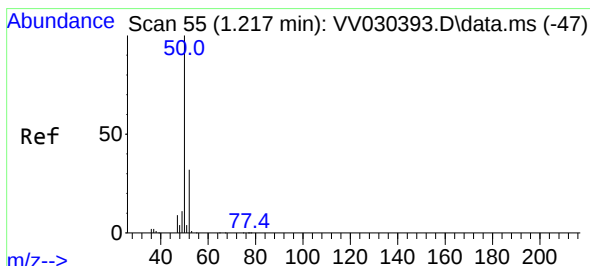
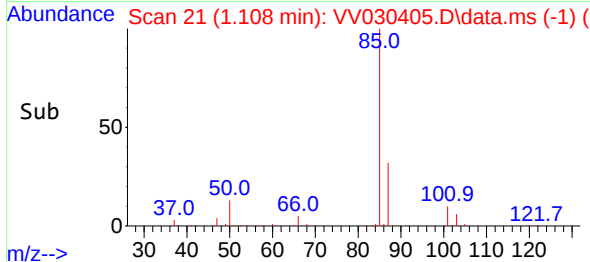
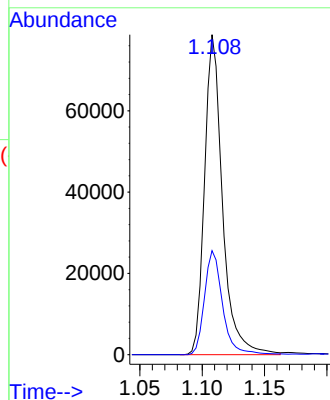
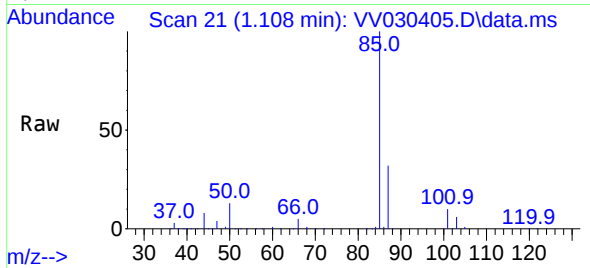
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#2
 Dichlorodifluoromethane
 Concen: 4.420 ug/L
 RT: 1.108 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VV030405.D
 Acq: 05 Apr 2023 16:59

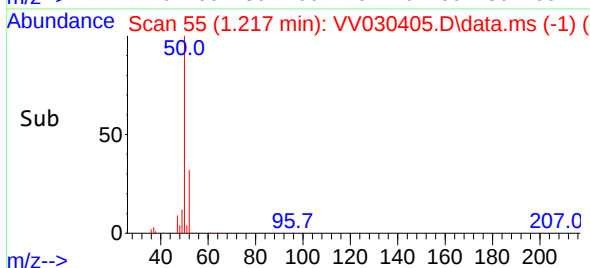
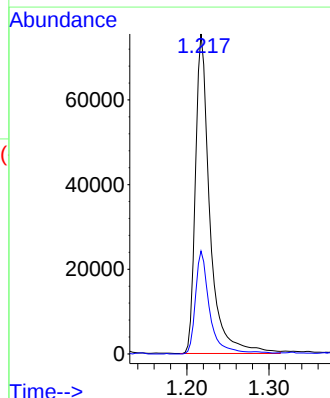
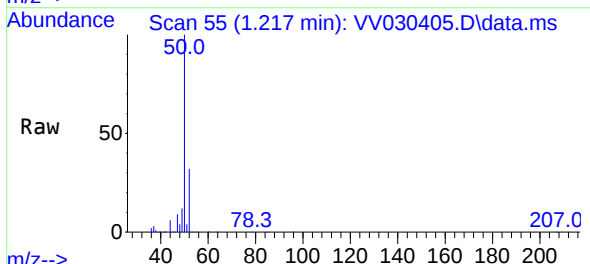
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005321

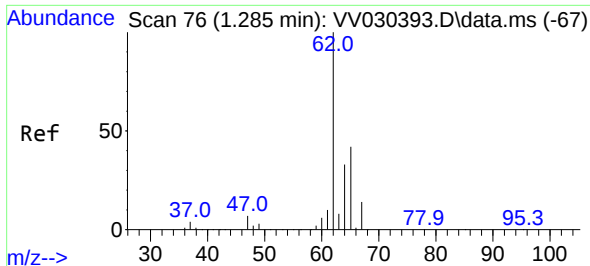
Tgt Ion: 85 Resp: 78822
 Ion Ratio Lower Upper
 85 100
 87 33.0 25.6 38.4



#3
 Chloromethane
 Concen: 4.113 ug/L
 RT: 1.217 min Scan# 55
 Delta R.T. -0.000 min
 Lab File: VV030405.D
 Acq: 05 Apr 2023 16:59

Tgt Ion: 50 Resp: 92556
 Ion Ratio Lower Upper
 50 100
 52 32.2 22.3 41.5

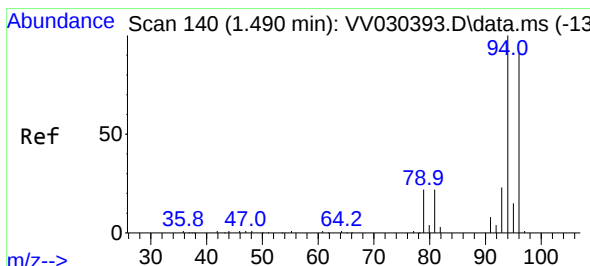
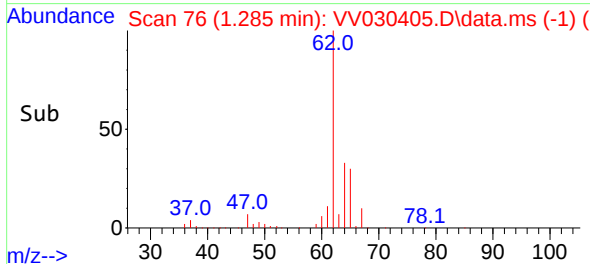
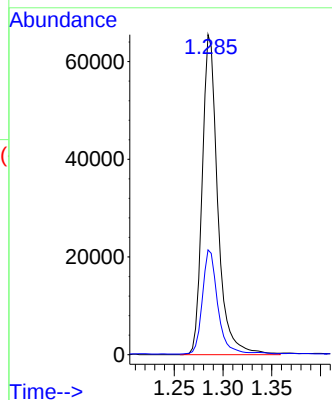
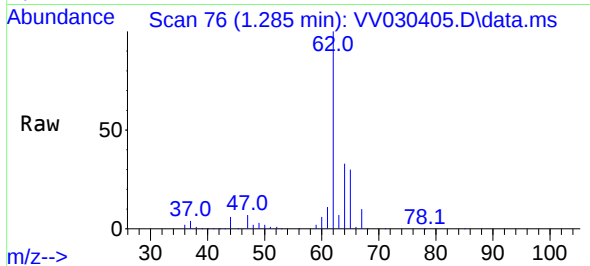




#5
 Vinyl chloride
 Concen: 4.426 ug/L
 RT: 1.285 min Scan# 76
 Delta R.T. -0.000 min
 Lab File: VV030405.D
 Acq: 05 Apr 2023 16:59

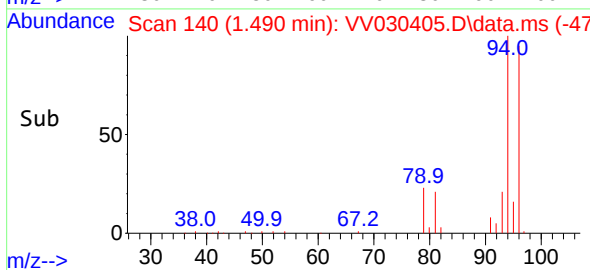
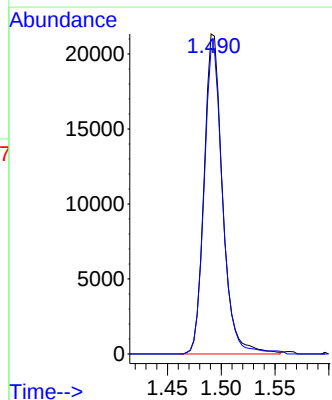
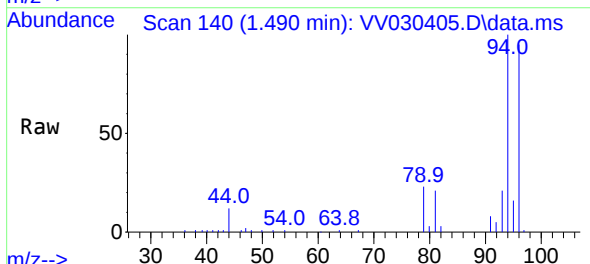
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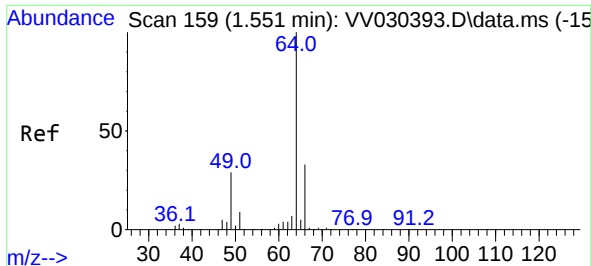
Tgt Ion: 62 Resp: 72609
 Ion Ratio Lower Upper
 62 100
 64 32.8 23.2 43.2



#6
 Bromomethane
 Concen: 5.483 ug/L
 RT: 1.490 min Scan# 140
 Delta R.T. -0.000 min
 Lab File: VV030405.D
 Acq: 05 Apr 2023 16:59

Tgt Ion: 94 Resp: 25653
 Ion Ratio Lower Upper
 94 100
 96 95.5 66.1 122.7

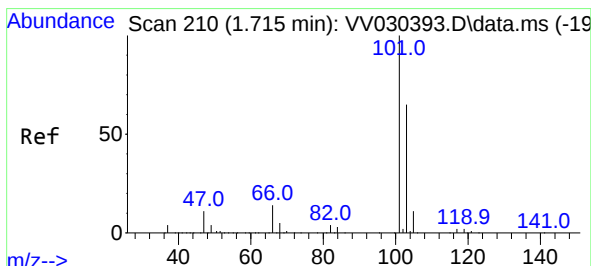
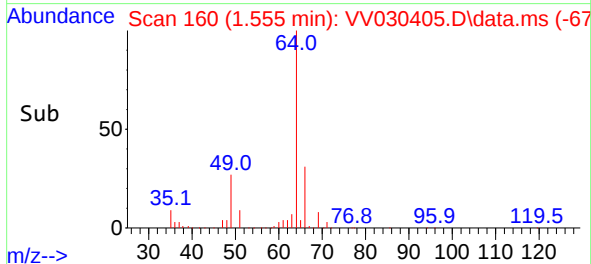
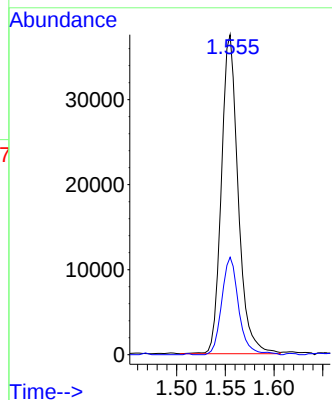
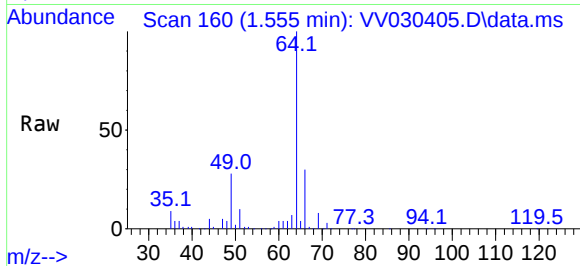




#8
Chloroethane
Concen: 4.776 ug/L
RT: 1.555 min Scan# 1
Delta R.T. -0.000 min
Lab File: VV030405.D
Acq: 05 Apr 2023 16:59

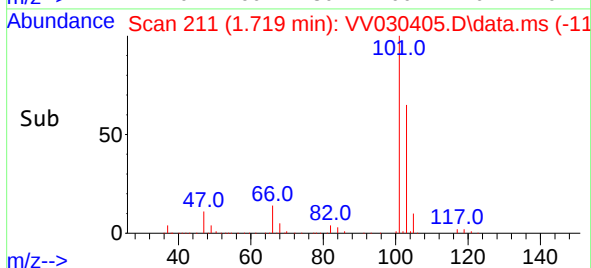
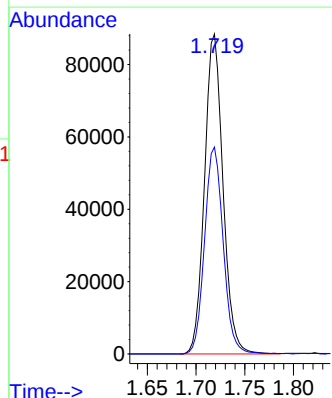
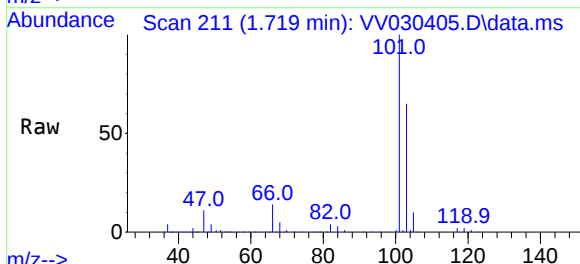
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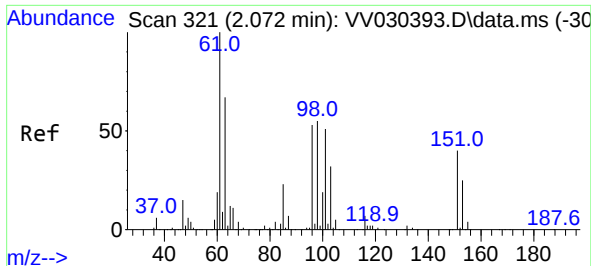
Tgt Ion: 64 Resp: 44880
Ion Ratio Lower Upper
64 100
66 30.5 23.0 42.8



#9
Trichlorofluoromethane
Concen: 4.882 ug/L
RT: 1.719 min Scan# 211
Delta R.T. -0.000 min
Lab File: VV030405.D
Acq: 05 Apr 2023 16:59

Tgt Ion:101 Resp: 116761
Ion Ratio Lower Upper
101 100
103 65.3 51.0 76.6

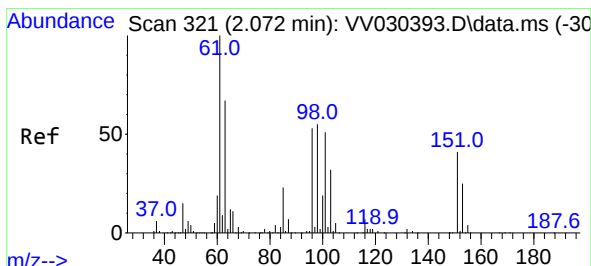
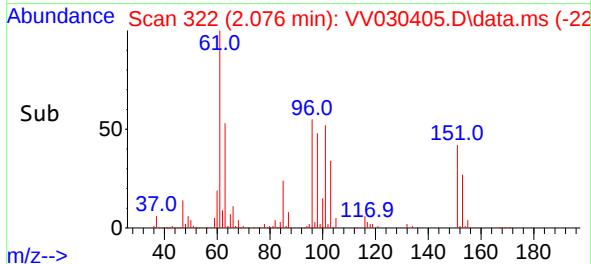
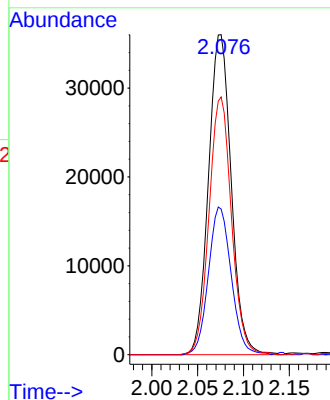
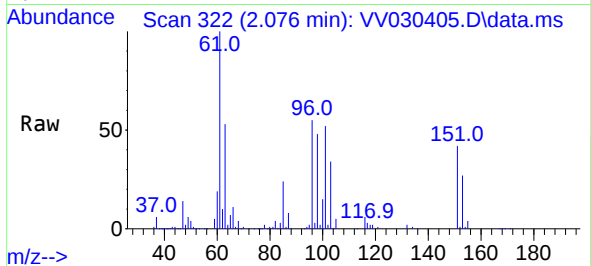




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 4.704 ug/L
RT: 2.076 min Scan# 311
Delta R.T. 0.003 min
Lab File: VV030405.D
Acq: 05 Apr 2023 16:59

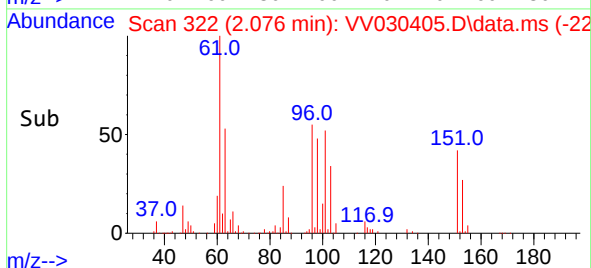
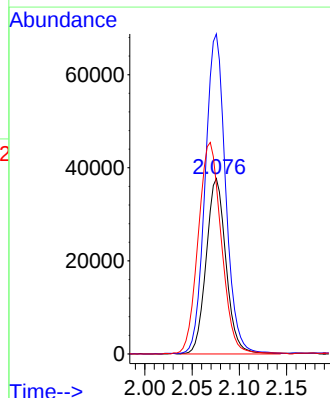
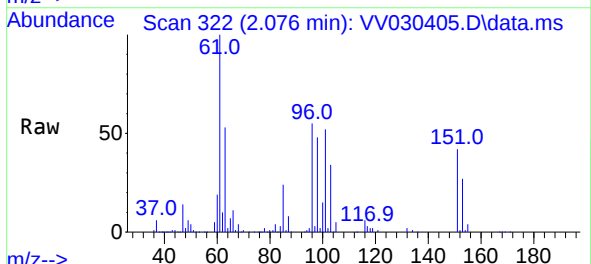
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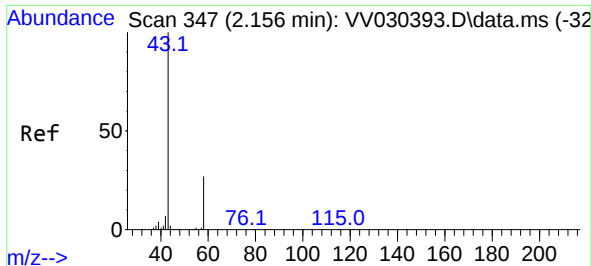
Tgt Ion:101 Resp: 62093
Ion Ratio Lower Upper
101 100
85 46.2 38.1 57.1
151 79.6 62.7 94.1



#12
1,1-Dichloroethene
Concen: 4.687 ug/L
RT: 2.076 min Scan# 322
Delta R.T. -0.000 min
Lab File: VV030405.D
Acq: 05 Apr 2023 16:59

Tgt Ion: 96 Resp: 54941
Ion Ratio Lower Upper
96 100
61 182.5 136.3 253.1
63 96.5 92.1 171.1





#13

Acetone

Concen: 48.079 ug/L

RT: 2.140 min Scan# 34

Delta R.T. -0.007 min

Lab File: VV030405.D

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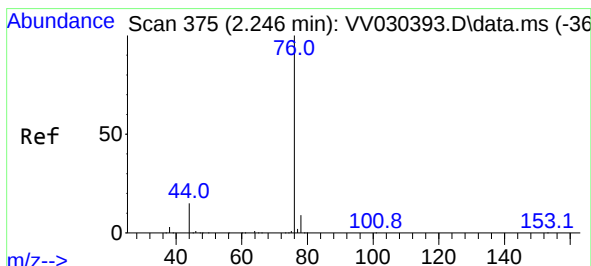
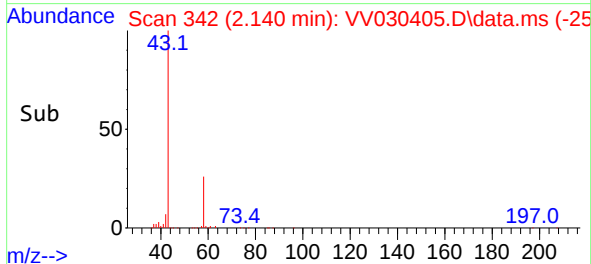
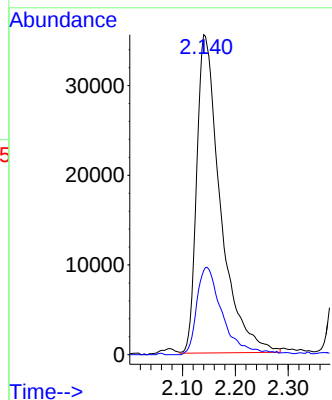
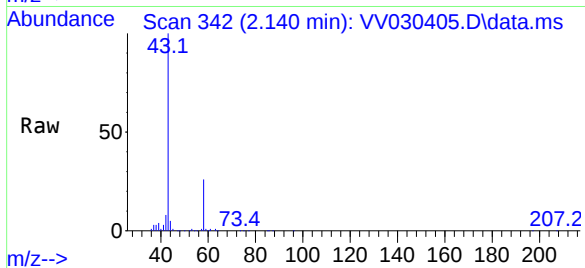
VSTD005321

Tgt Ion: 43 Resp: 110409

Ion Ratio Lower Upper

43 100

58 29.2 0.0 40.8



#14

Carbon disulfide

Concen: 4.440 ug/L

RT: 2.246 min Scan# 375

Delta R.T. -0.000 min

Lab File: VV030405.D

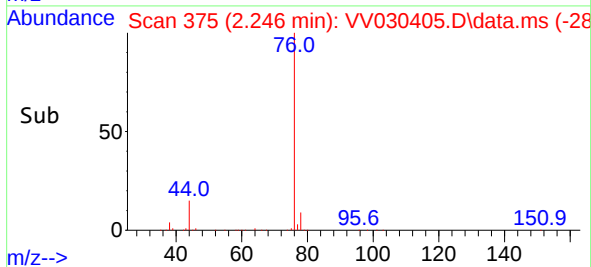
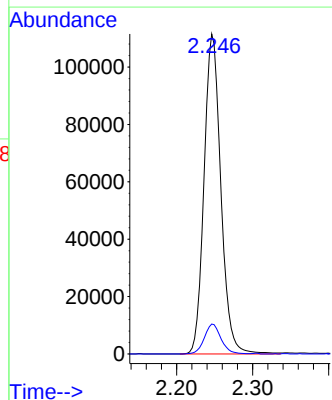
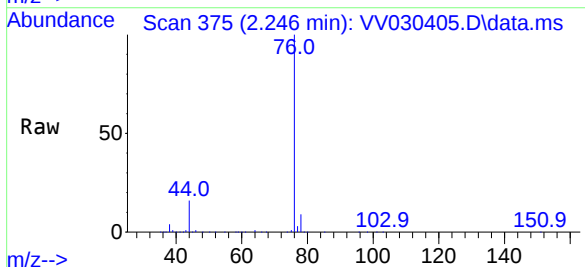
Acq: 05 Apr 2023 16:59

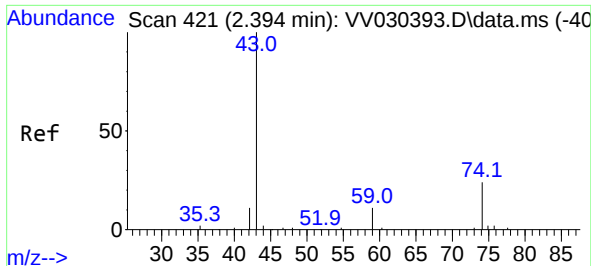
Tgt Ion: 76 Resp: 171416

Ion Ratio Lower Upper

76 100

78 9.3 7.3 10.9





#15

Methyl Acetate

Concen: 4.820 ug/L

RT: 2.391 min Scan# 41

Delta R.T. -0.000 min

Lab File: VV030405.D

Acq: 05 Apr 2023 16:59

Instrument :

MSVOA_V

ClientSampleId :

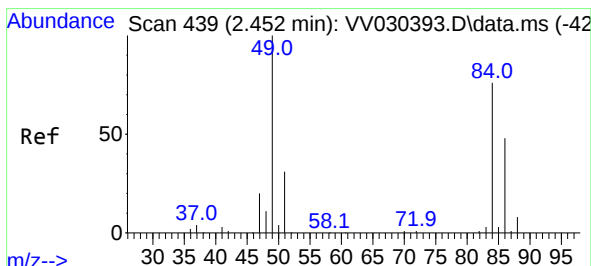
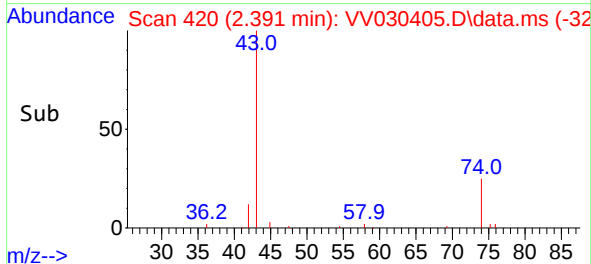
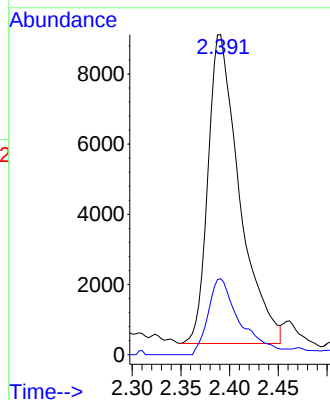
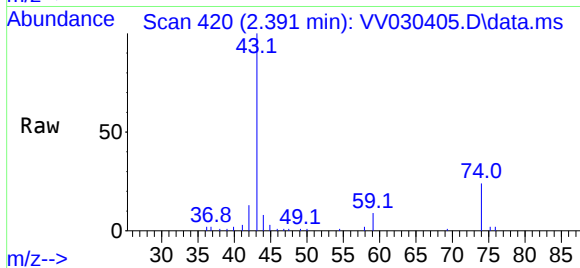
VSTD005321

Tgt Ion: 43 Resp: 19780

Ion Ratio Lower Upper

43 100

74 24.9 22.1 33.1



#16

Methylene chloride

Concen: 4.942 ug/L

RT: 2.455 min Scan# 440

Delta R.T. 0.003 min

Lab File: VV030405.D

Acq: 05 Apr 2023 16:59

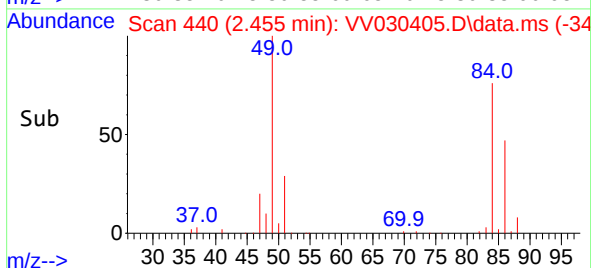
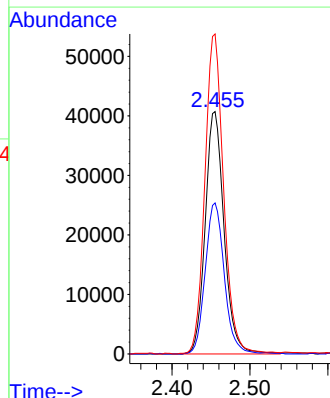
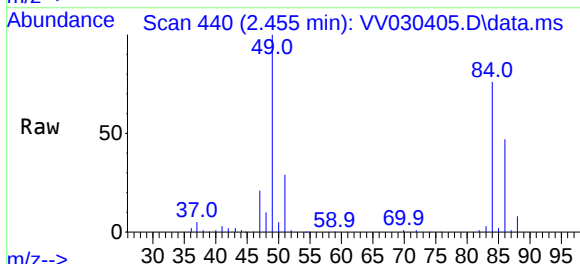
Tgt Ion: 84 Resp: 68524

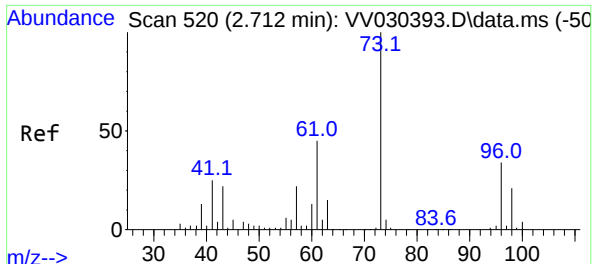
Ion Ratio Lower Upper

84 100

86 62.3 44.0 81.6

49 132.0 90.6 168.3





#17

Methyl tert-butyl Ether

Concen: 4.650 ug/L

RT: 2.712 min Scan# 517

Delta R.T. -0.000 min

Lab File: VV030405.D

Acq: 05 Apr 2023 16:59

Instrument :

MSVOA_V

ClientSampleId :

VSTD005321

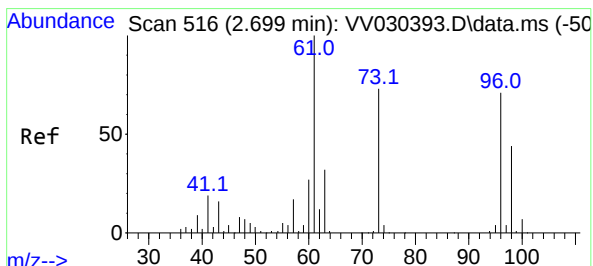
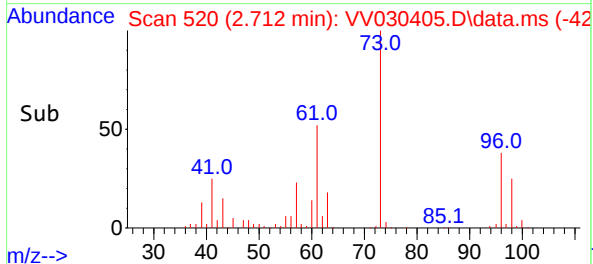
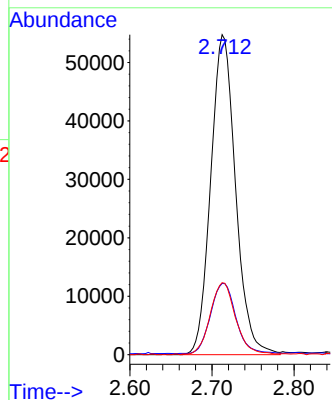
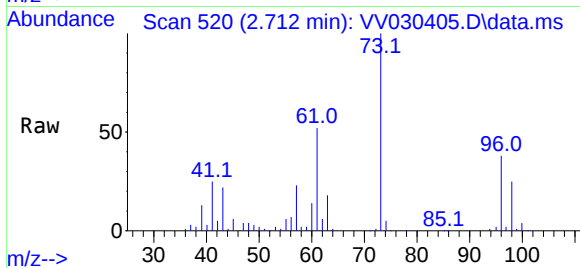
Tgt Ion: 73 Resp: 115440

Ion Ratio Lower Upper

73 100

43 22.4 17.4 26.2

57 23.1 18.3 27.5



#18

trans-1,2-Dichloroethene

Concen: 4.452 ug/L

RT: 2.703 min Scan# 517

Delta R.T. 0.003 min

Lab File: VV030405.D

Acq: 05 Apr 2023 16:59

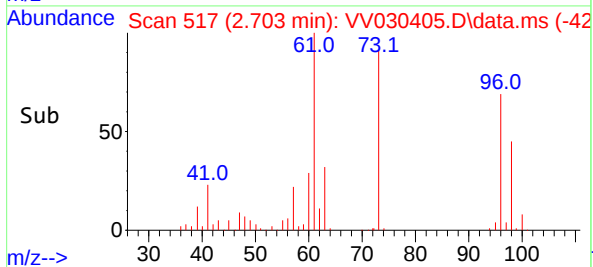
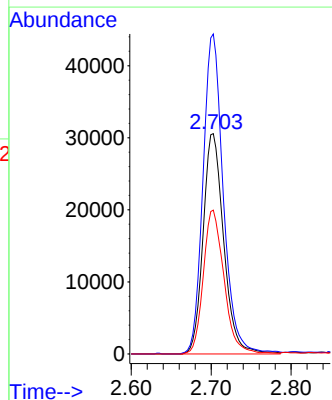
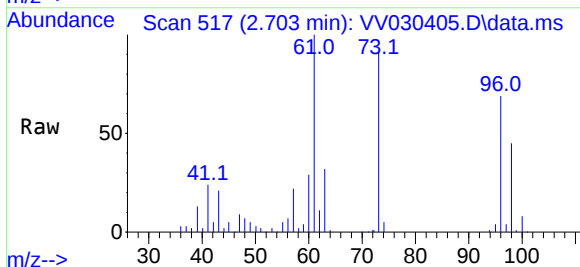
Tgt Ion: 96 Resp: 54975

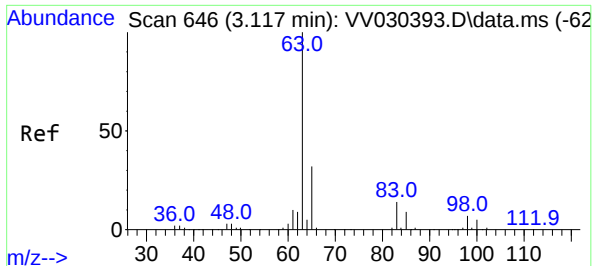
Ion Ratio Lower Upper

96 100

61 145.3 101.7 188.9

98 65.3 45.8 85.2

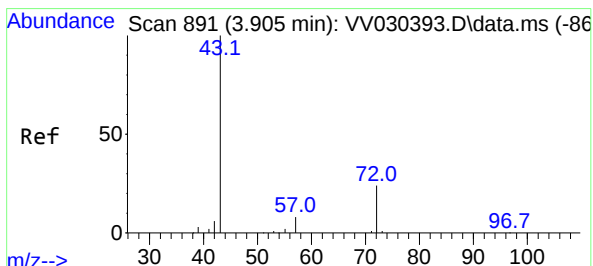
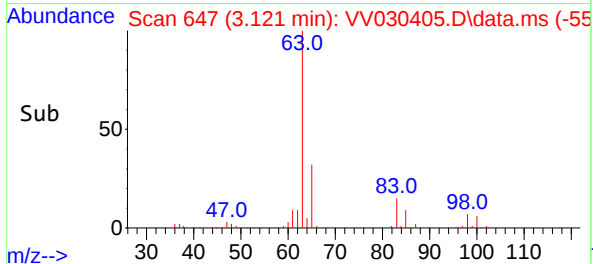
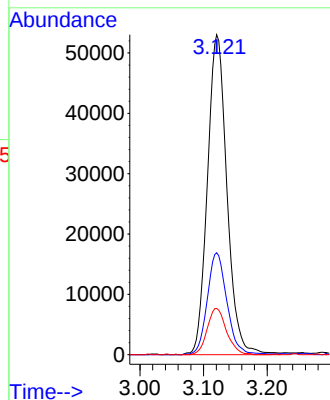
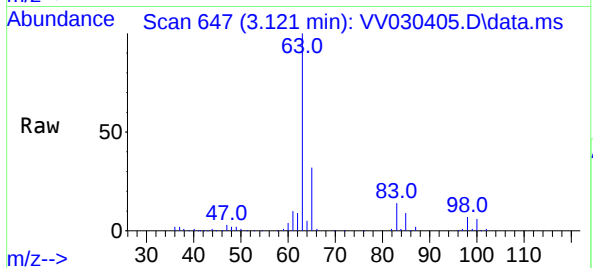




#19
1,1-Dichloroethane
Concen: 4.726 ug/L
RT: 3.121 min Scan# 646
Delta R.T. 0.003 min
Lab File: VV030405.D
Acq: 05 Apr 2023 16:59

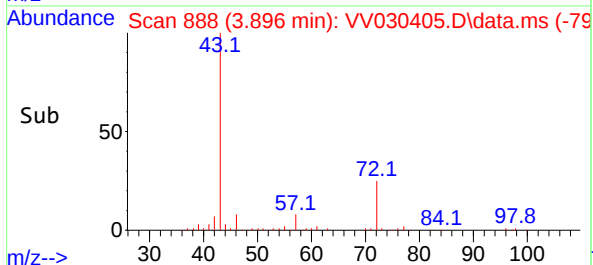
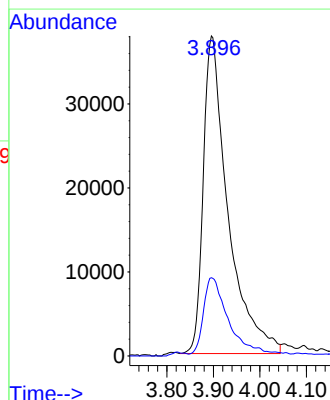
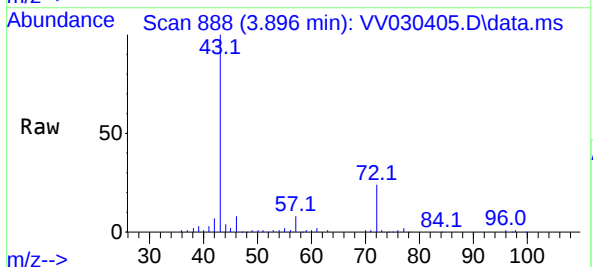
Instrument :
MSVOA_V
ClientSampleId :
VSTD005321

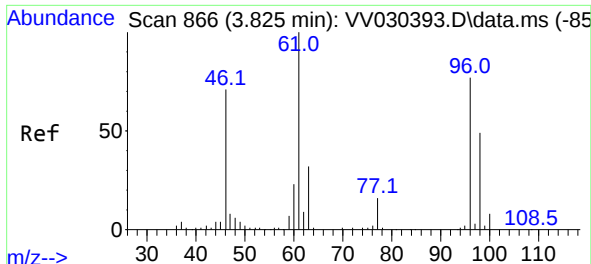
Tgt Ion: 63 Resp: 113137
Ion Ratio Lower Upper
63 100
65 31.9 21.7 40.3
83 14.5 9.1 16.9



#21
2-Butanone
Concen: 48.271 ug/L
RT: 3.896 min Scan# 888
Delta R.T. -0.000 min
Lab File: VV030405.D
Acq: 05 Apr 2023 16:59

Tgt Ion: 43 Resp: 139518
Ion Ratio Lower Upper
43 100
72 24.0 11.2 33.5

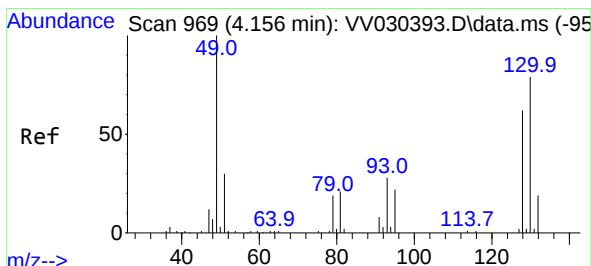
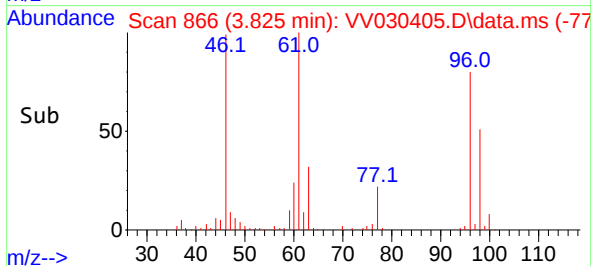
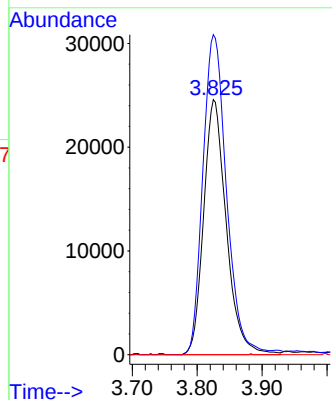
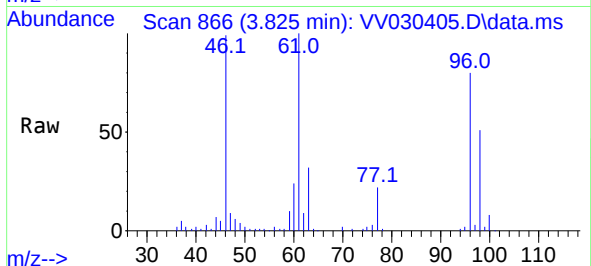




#22
cis-1,2-Dichloroethene
Concen: 4.815 ug/L
RT: 3.825 min Scan# 866
Delta R.T. -0.000 min
Lab File: VV030405.D
Acq: 05 Apr 2023 16:59

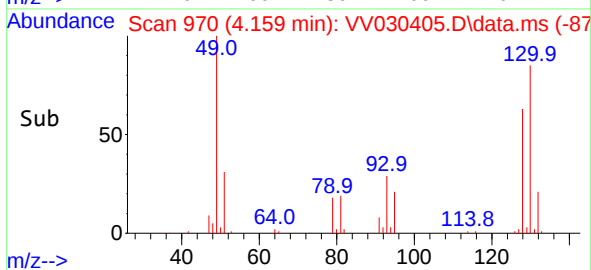
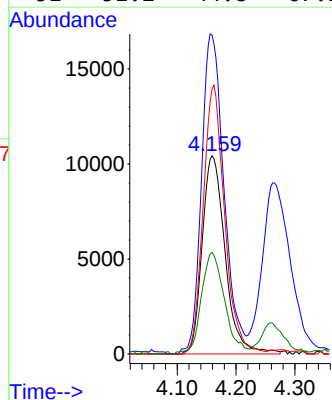
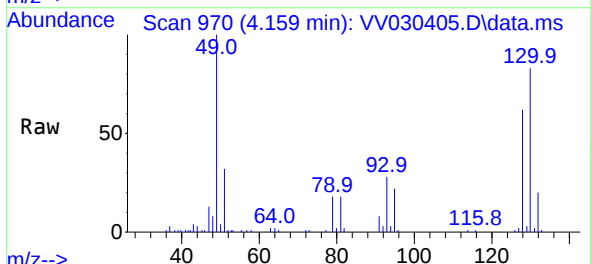
Instrument :
MSVOA_V
ClientSampleId :
VSTD005321

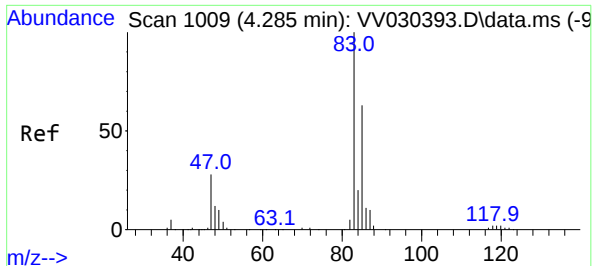
Tgt Ion: 96 Resp: 59669
Ion Ratio Lower Upper
96 100
61 125.5 92.0 170.8
68 0.0 0.0 0.0



#23
Bromochloromethane
Concen: 4.887 ug/L
RT: 4.159 min Scan# 970
Delta R.T. 0.003 min
Lab File: VV030405.D
Acq: 05 Apr 2023 16:59

Tgt Ion: 128 Resp: 28284
Ion Ratio Lower Upper
128 100
49 160.8 119.4 221.8
130 133.6 89.2 165.8
51 51.2 44.8 67.2





#25

Chloroform

Concen: 4.935 ug/L

RT: 4.288 min Scan# 1009

Delta R.T. 0.003 min

Lab File: VV030405.D

Acq: 05 Apr 2023 16:59

Instrument :

MSVOA_V

ClientSampleId :

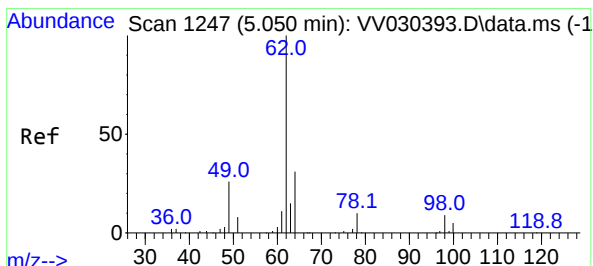
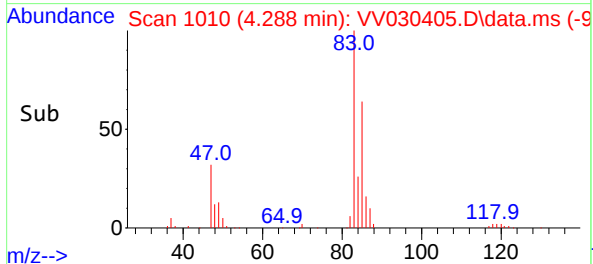
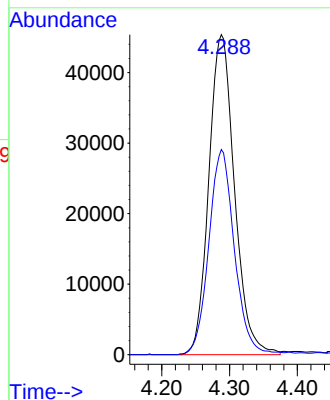
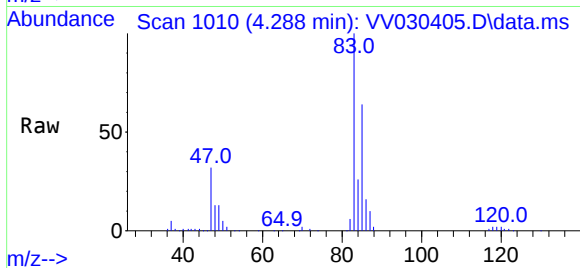
VSTD005321

Tgt Ion: 83 Resp: 119391

Ion Ratio Lower Upper

83 100

85 64.1 47.6 88.4



#27

1,2-Dichloroethane

Concen: 4.976 ug/L

RT: 5.053 min Scan# 1248

Delta R.T. 0.003 min

Lab File: VV030405.D

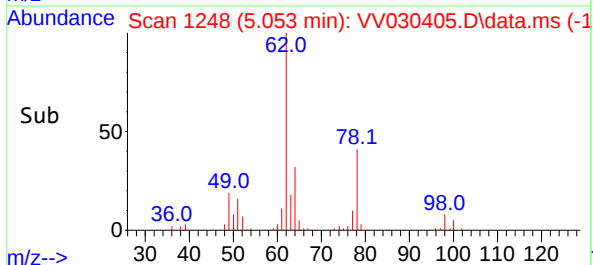
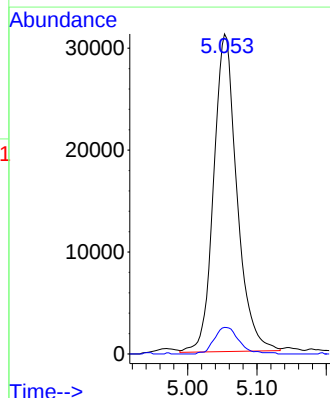
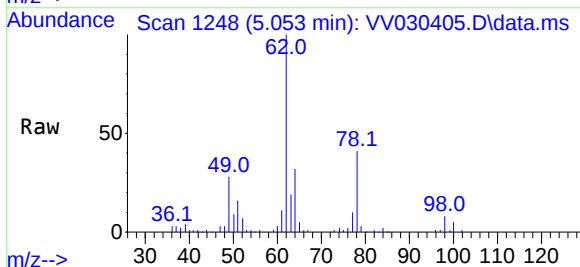
Acq: 05 Apr 2023 16:59

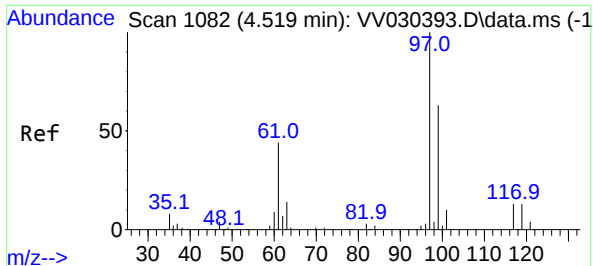
Tgt Ion: 62 Resp: 72787

Ion Ratio Lower Upper

62 100

98 8.3 7.8 11.8





#29

1,1,1-Trichloroethane

Concen: 4.862 ug/L

RT: 4.523 min Scan# 1106

Delta R.T. -0.000 min

Lab File: VV030405.D

Acq: 05 Apr 2023 16:59

Instrument :

MSVOA_V

ClientSampleId :

VSTD005321

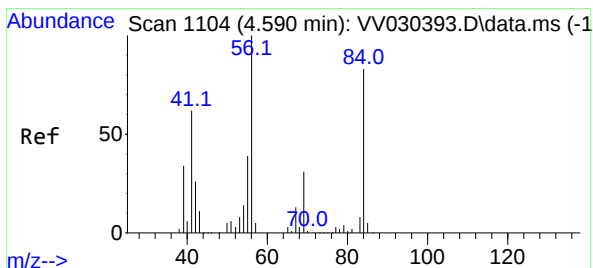
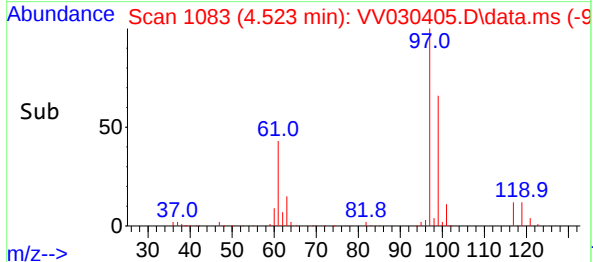
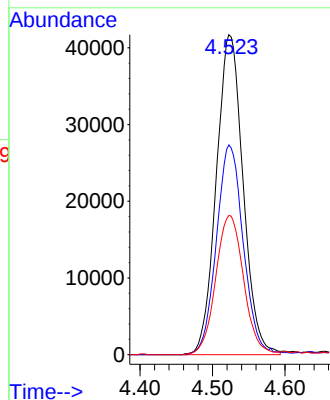
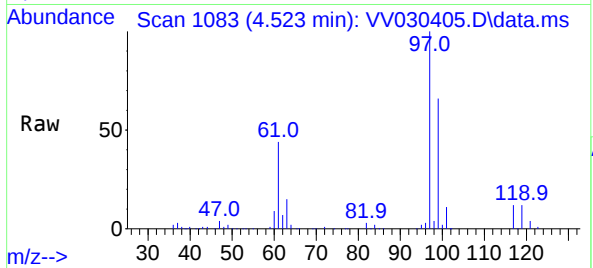
Tgt Ion: 97 Resp: 107082

Ion Ratio Lower Upper

97 100

99 66.0 50.9 76.3

61 45.3 35.9 53.9



#30

Cyclohexane

Concen: 4.538 ug/L

RT: 4.596 min Scan# 1106

Delta R.T. 0.003 min

Lab File: VV030405.D

Acq: 05 Apr 2023 16:59

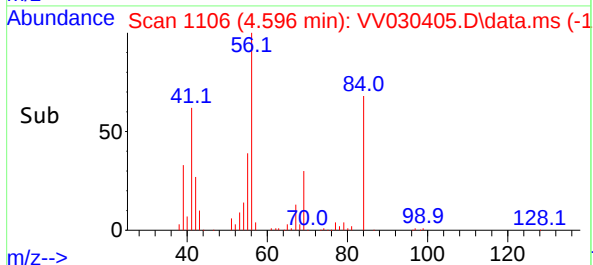
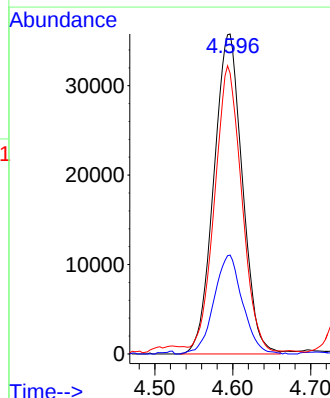
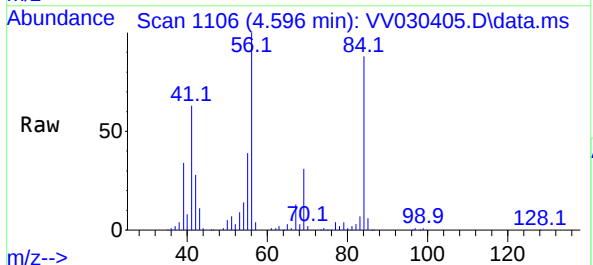
Tgt Ion: 56 Resp: 91050

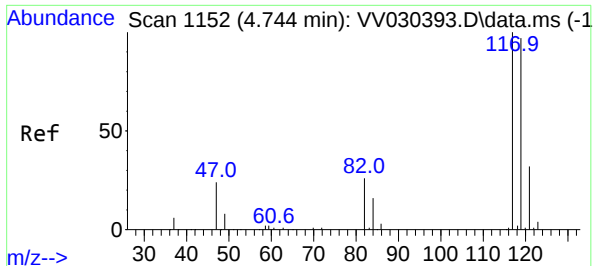
Ion Ratio Lower Upper

56 100

69 31.0 24.2 36.2

84 84.3 66.6 100.0

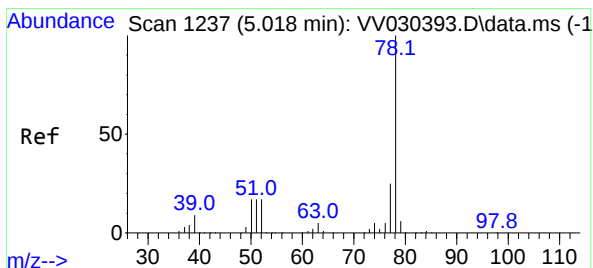
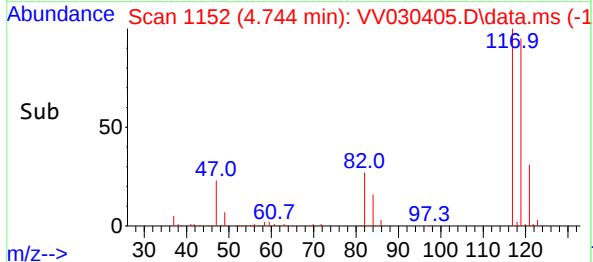
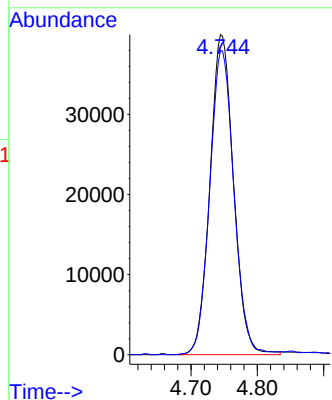
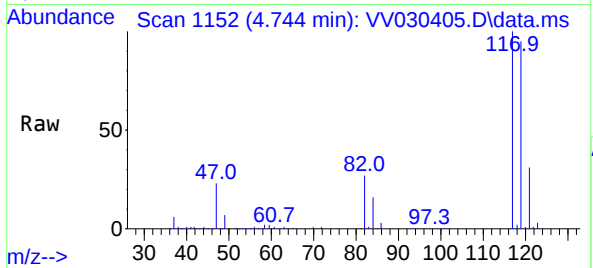




#31
Carbon tetrachloride
Concen: 4.946 ug/L
RT: 4.744 min Scan# 1152
Delta R.T. -0.000 min
Lab File: VV030405.D
Acq: 05 Apr 2023 16:59

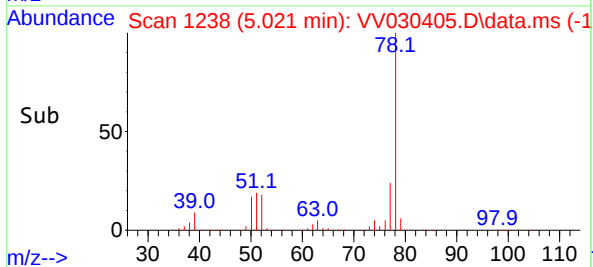
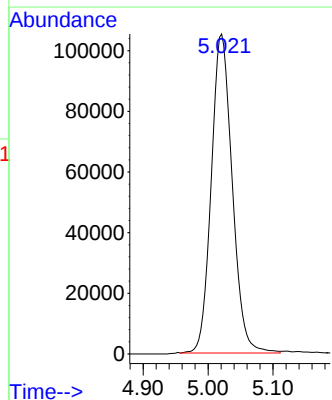
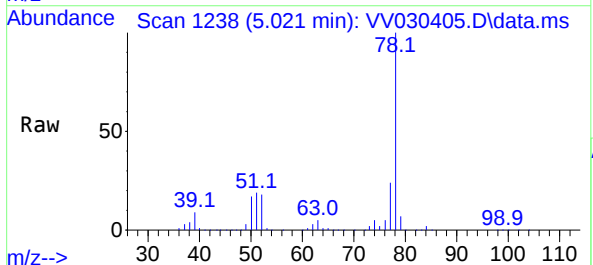
Instrument :
MSVOA_V
ClientSampleId :
VSTD005321

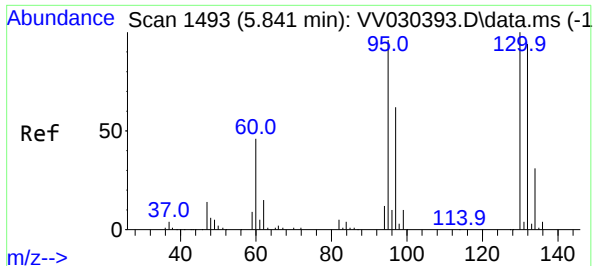
Tgt Ion:117 Resp: 98855
Ion Ratio Lower Upper
117 100
119 97.0 76.2 114.4



#33
Benzene
Concen: 4.850 ug/L
RT: 5.021 min Scan# 1238
Delta R.T. 0.003 min
Lab File: VV030405.D
Acq: 05 Apr 2023 16:59

Tgt Ion: 78 Resp: 236081



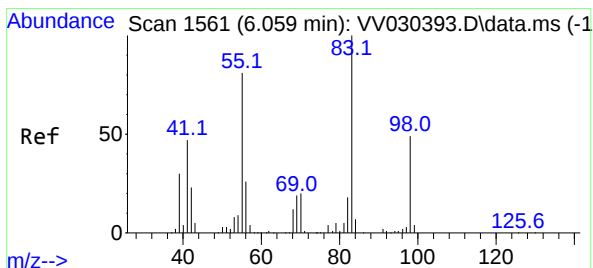
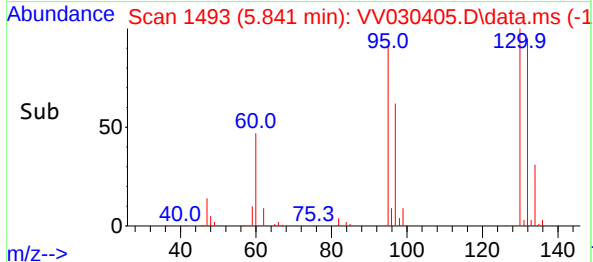
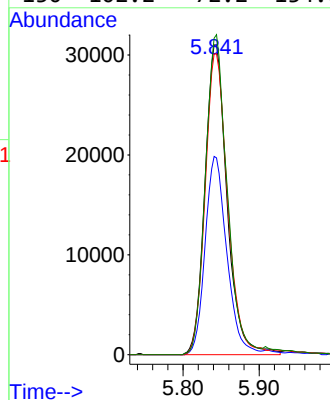
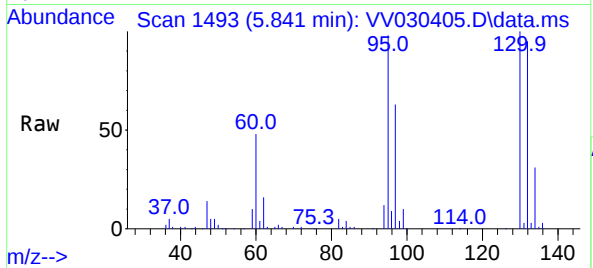


#34
 Trichloroethene
 Concen: 4.785 ug/L
 RT: 5.841 min Scan# 1493
 Delta R.T. -0.000 min
 Lab File: VV030405.D
 Acq: 05 Apr 2023 16:59

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005321

Tgt Ion: 95 Resp: 62811

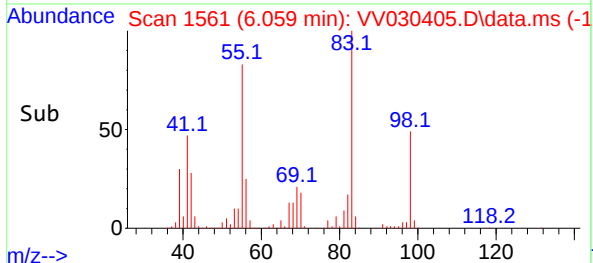
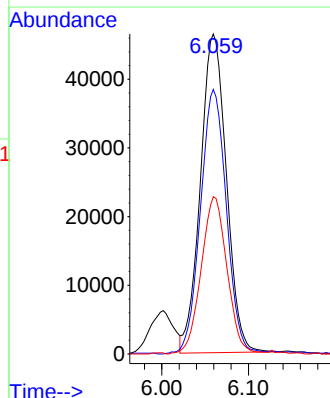
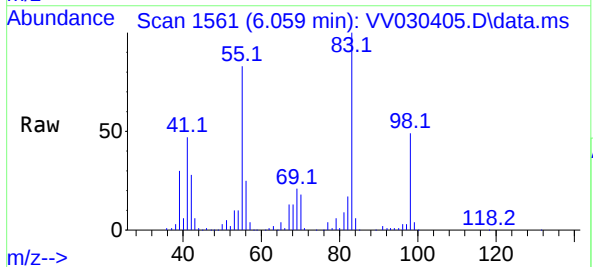
Ion	Ratio	Lower	Upper
95	100		
97	64.0	44.2	82.2
132	97.1	69.5	129.1
130	102.2	72.2	134.0

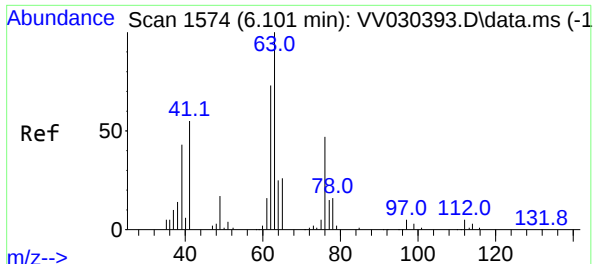


#35
 Methylcyclohexane
 Concen: 4.694 ug/L
 RT: 6.059 min Scan# 1561
 Delta R.T. -0.000 min
 Lab File: VV030405.D
 Acq: 05 Apr 2023 16:59

Tgt Ion: 83 Resp: 96717

Ion	Ratio	Lower	Upper
83	100		
55	83.0	66.6	100.0
98	49.2	38.6	58.0

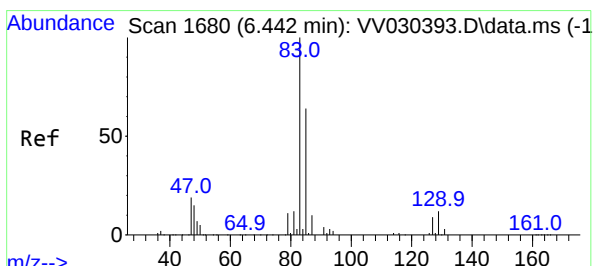
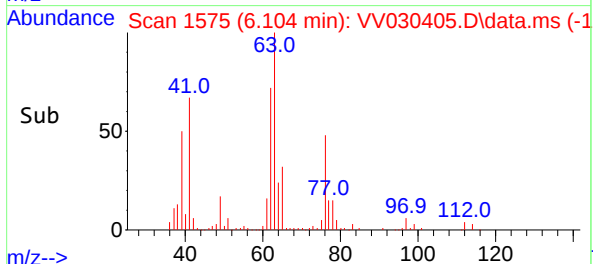
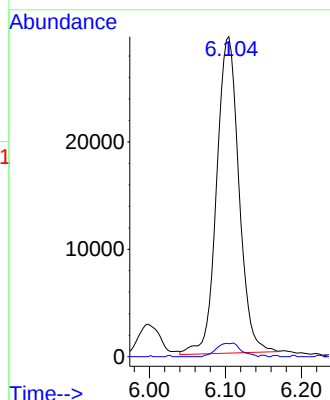
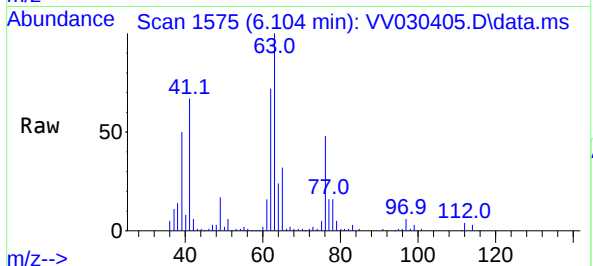




#37
1,2-Dichloropropane
Concen: 4.807 ug/L
RT: 6.104 min Scan# 11
Delta R.T. 0.003 min
Lab File: VV030405.D
Acq: 05 Apr 2023 16:59

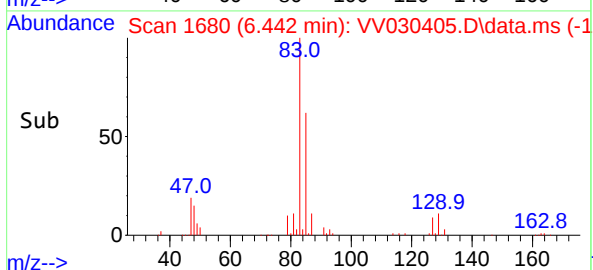
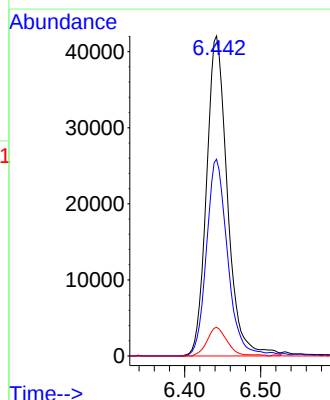
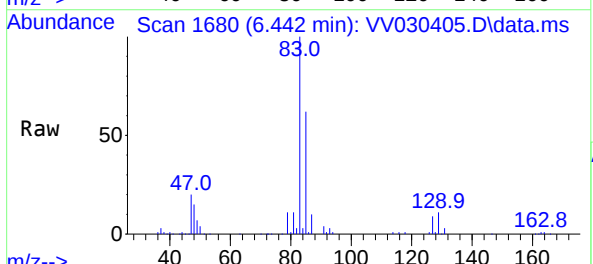
Instrument :
MSVOA_V
ClientSampleId :
VSTD005321

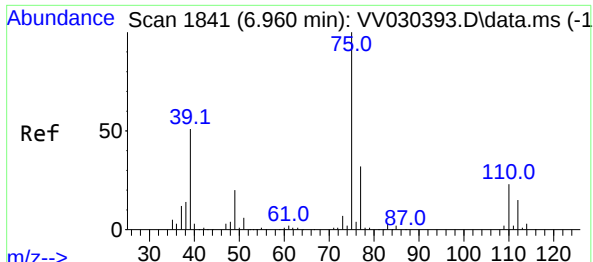
Tgt Ion: 63 Resp: 60068
Ion Ratio Lower Upper
63 100
112 4.7 3.9 5.9



#38
Bromodichloromethane
Concen: 4.909 ug/L
RT: 6.442 min Scan# 1680
Delta R.T. 0.003 min
Lab File: VV030405.D
Acq: 05 Apr 2023 16:59

Tgt Ion: 83 Resp: 80321
Ion Ratio Lower Upper
83 100
85 61.5 45.3 84.1
127 9.0 7.0 10.4

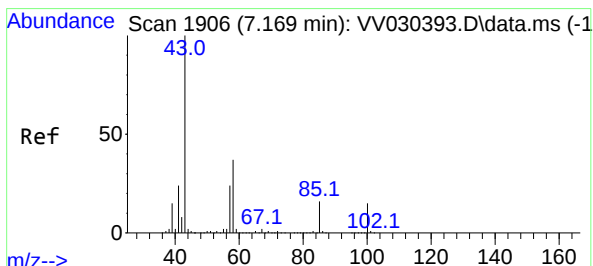
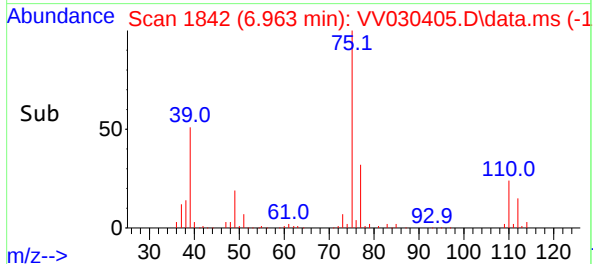
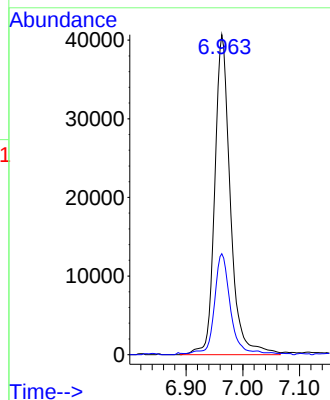
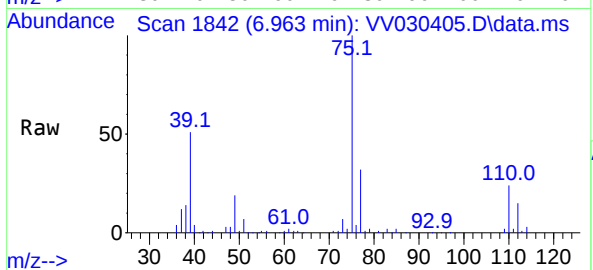




#39
cis-1,3-Dichloropropene
Concen: 4.442 ug/L
RT: 6.963 min Scan# 1842
Delta R.T. 0.003 min
Lab File: VV030405.D
Acq: 05 Apr 2023 16:59

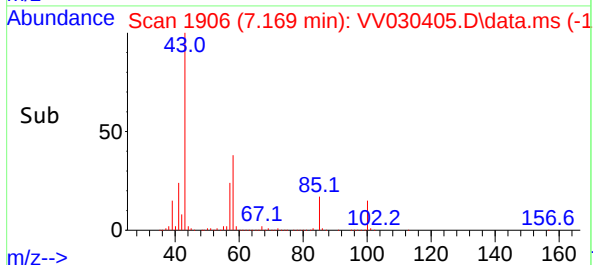
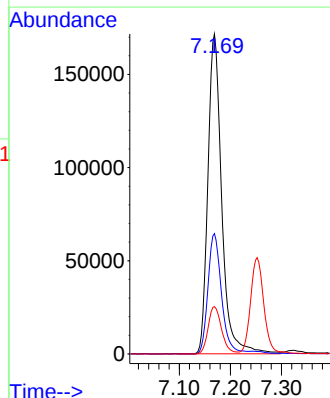
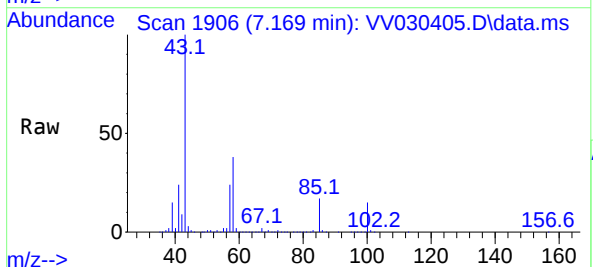
Instrument :
MSVOA_V
ClientSampleId :
VSTD005321

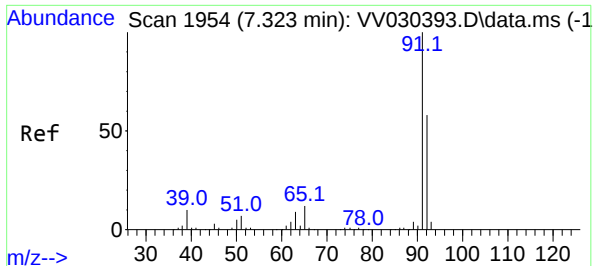
Tgt Ion: 75 Resp: 78046
Ion Ratio Lower Upper
75 100
77 31.6 22.0 41.0



#40
4-Methyl-2-pentanone
Concen: 49.017 ug/L
RT: 7.169 min Scan# 1906
Delta R.T. 0.003 min
Lab File: VV030405.D
Acq: 05 Apr 2023 16:59

Tgt Ion: 43 Resp: 322751
Ion Ratio Lower Upper
43 100
58 37.0 28.8 43.2
100 14.5 10.7 16.1

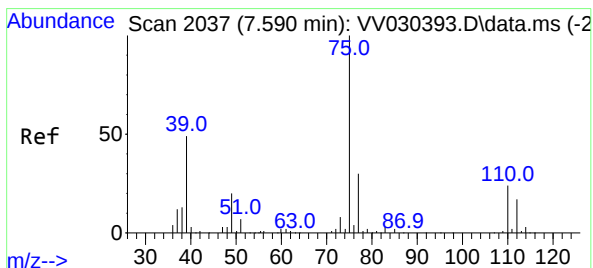
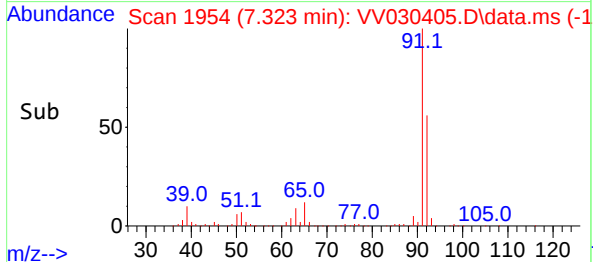
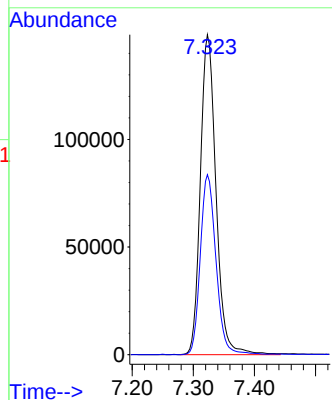
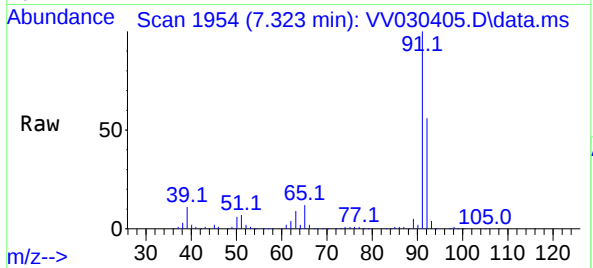




#42
Toluene
Concen: 5.095 ug/L
RT: 7.323 min Scan# 1954
Delta R.T. -0.000 min
Lab File: VV030405.D
Acq: 05 Apr 2023 16:59

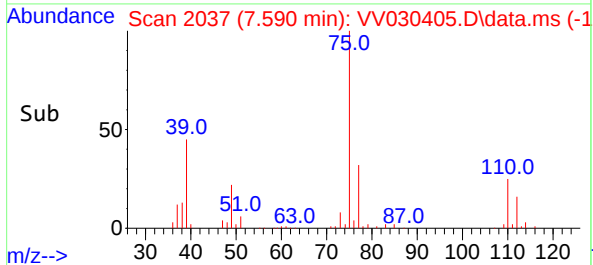
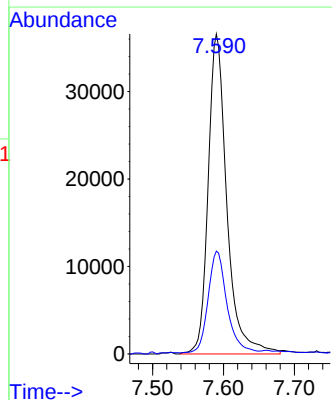
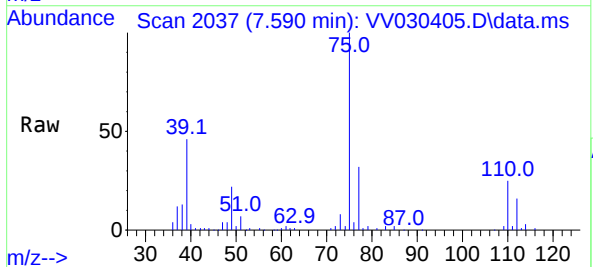
Instrument : MSVOA_V
ClientSampleId : VSTD005321

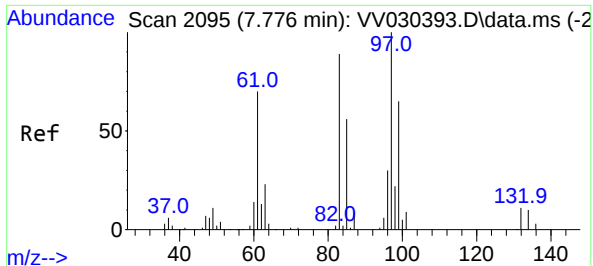
Tgt Ion: 91 Resp: 264123
Ion Ratio Lower Upper
91 100
92 56.2 40.4 75.0



#44
trans-1,3-Dichloropropene
Concen: 4.477 ug/L
RT: 7.590 min Scan# 2037
Delta R.T. -0.000 min
Lab File: VV030405.D
Acq: 05 Apr 2023 16:59

Tgt Ion: 75 Resp: 66942
Ion Ratio Lower Upper
75 100
77 32.1 21.2 39.4

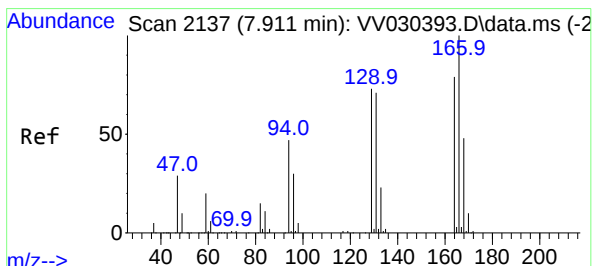
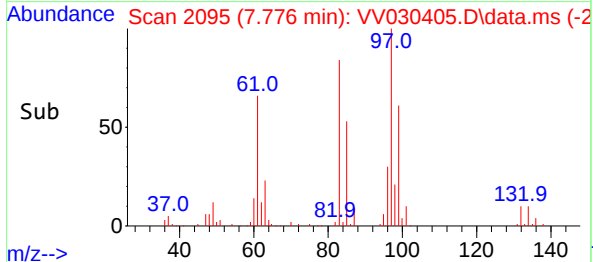
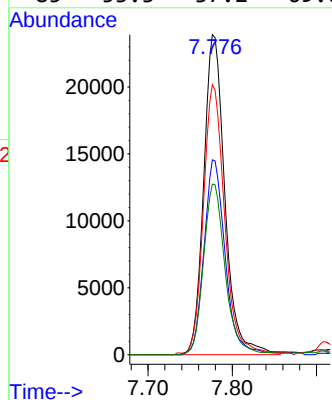
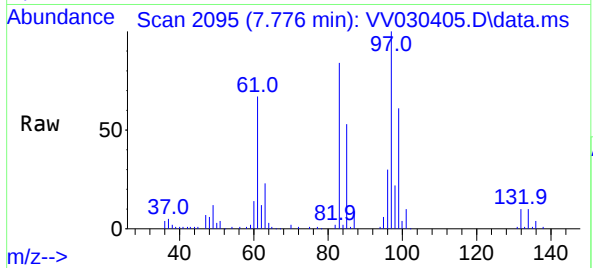




#45
1,1,2-Trichloroethane
Concen: 4.764 ug/L
RT: 7.776 min Scan# 2095
Delta R.T. -0.000 min
Lab File: VV030405.D
Acq: 05 Apr 2023 16:59

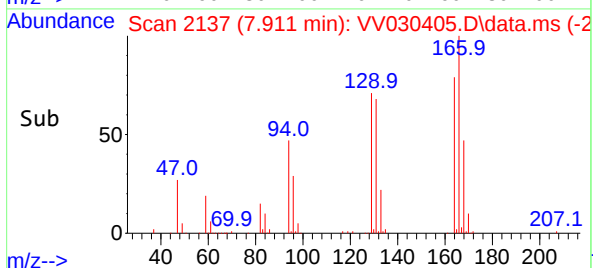
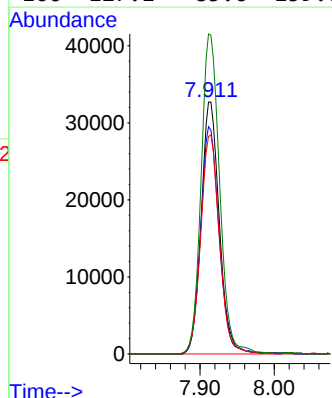
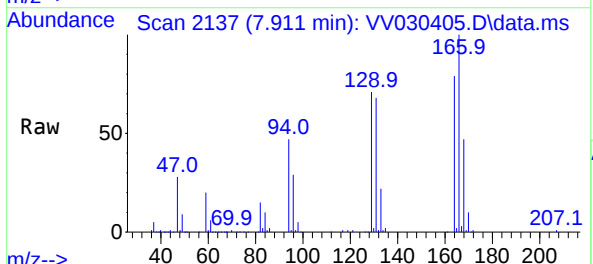
Instrument :
MSVOA_V
ClientSampleId :
VSTD005321

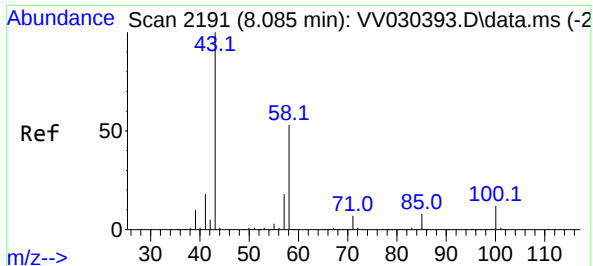
Tgt Ion: 97	Resp: 41918
Ion Ratio	Lower Upper
97 100	
99 60.9	44.0 81.8
83 84.3	58.8 109.2
85 53.3	37.2 69.0



#47
Tetrachloroethene
Concen: 4.816 ug/L
RT: 7.911 min Scan# 2137
Delta R.T. -0.000 min
Lab File: VV030405.D
Acq: 05 Apr 2023 16:59

Tgt	Ion:164	Resp:	55799
Ion	Ratio	Lower	Upper
164	100		
129	90.3	60.8	112.8
131	86.3	61.7	114.7
166	127.1	85.6	159.0



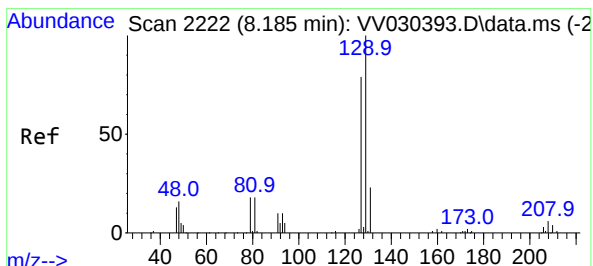
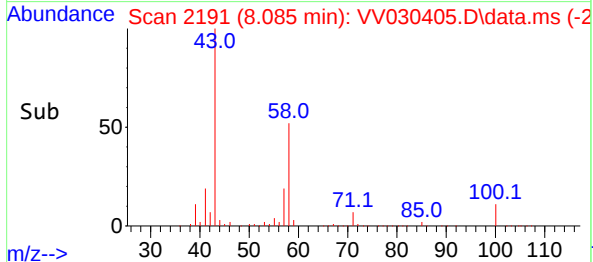
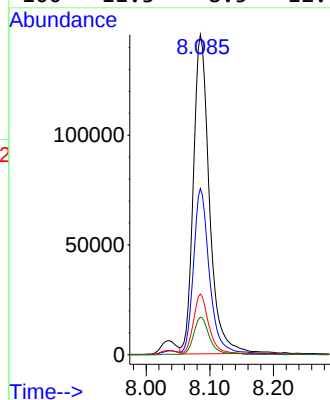
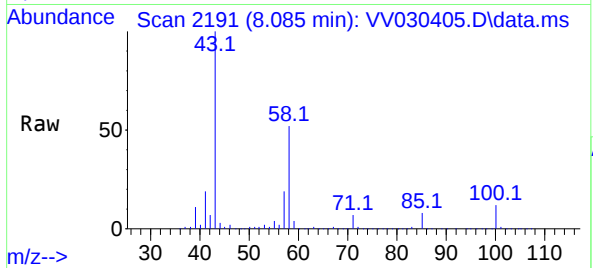


#48
2-Hexanone
Concen: 51.835 ug/L
RT: 8.085 min Scan# 2191
Delta R.T. -0.000 min
Lab File: VV030405.D
Acq: 05 Apr 2023 16:59

Instrument :
MSVOA_V
ClientSampleId :
VSTD005321

Tgt Ion: 43 Resp: 255612

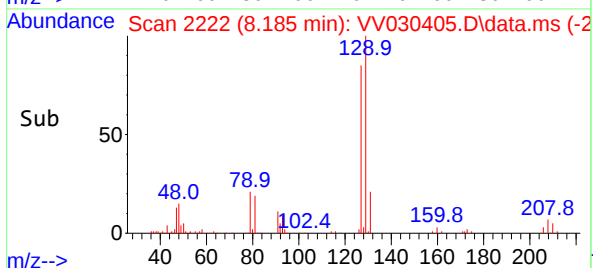
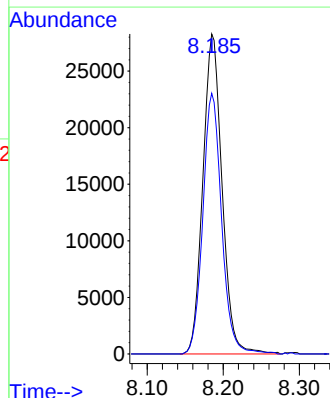
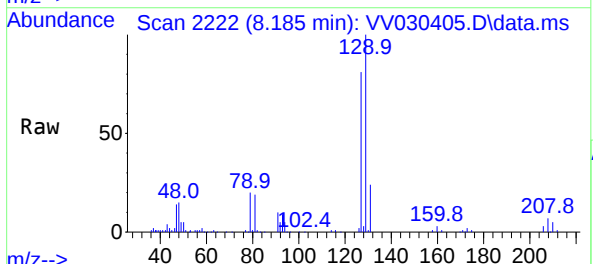
Ion	Ratio	Lower	Upper
43	100		
58	51.5	40.3	60.5
57	18.1	14.6	22.0
100	11.3	8.5	12.7

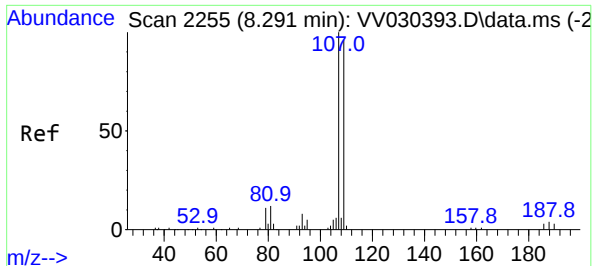


#49
Dibromochloromethane
Concen: 4.734 ug/L
RT: 8.185 min Scan# 2222
Delta R.T. -0.000 min
Lab File: VV030405.D
Acq: 05 Apr 2023 16:59

Tgt Ion: 129 Resp: 49577

Ion	Ratio	Lower	Upper
129	100		
127	81.5	52.7	97.9

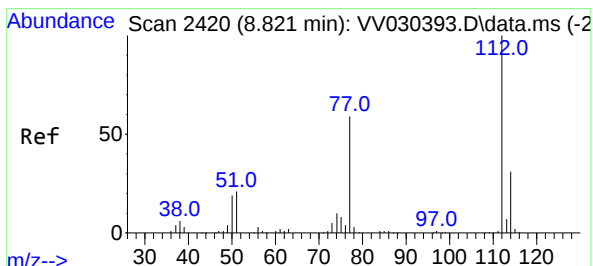
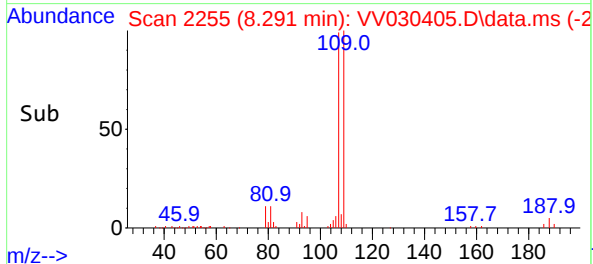
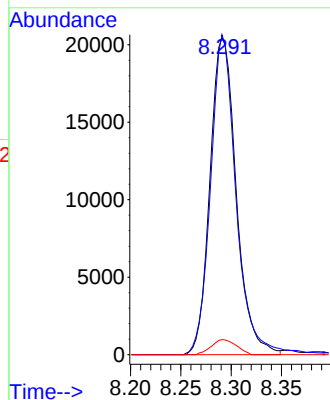
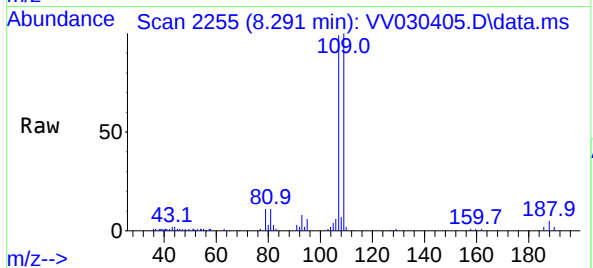




#50
1,2-Dibromoethane
Concen: 4.641 ug/L
RT: 8.291 min Scan# 21
Delta R.T. -0.000 min
Lab File: VV030405.D
Acq: 05 Apr 2023 16:59

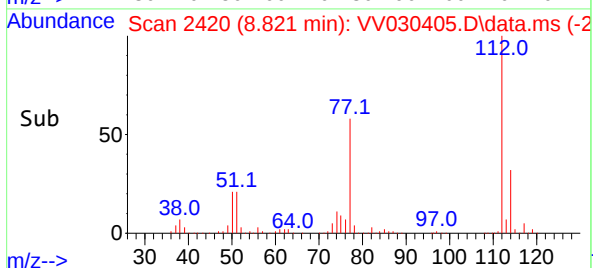
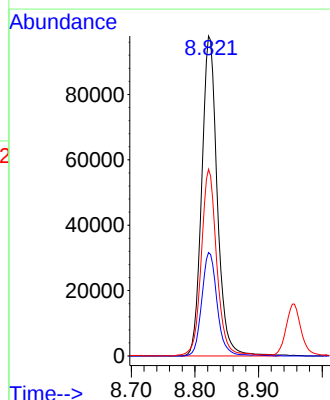
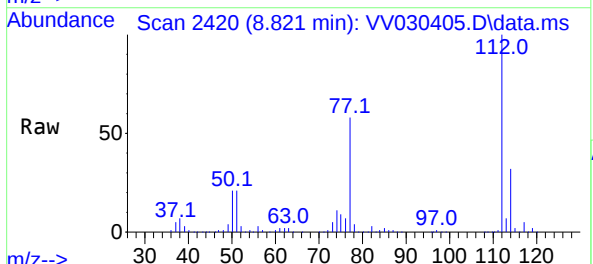
Instrument :
MSVOA_V
ClientSampleId :
VSTD005321

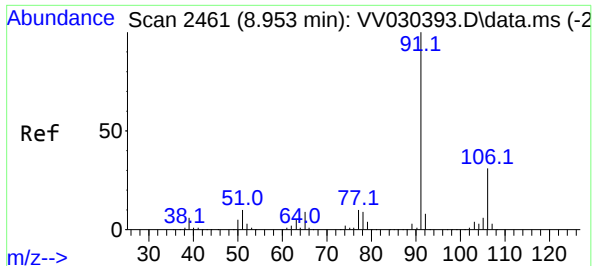
Tgt Ion:	107	Resp:	37145
Ion	Ratio	Lower	Upper
107	100		
109	100.9	62.9	116.9
188	4.8	3.0	4.6



#51
Chlorobenzene
Concen: 4.995 ug/L
RT: 8.821 min Scan# 2420
Delta R.T. -0.000 min
Lab File: VV030405.D
Acq: 05 Apr 2023 16:59

Tgt Ion:	112	Resp:	165810
Ion	Ratio	Lower	Upper
112	100		
114	32.3	22.4	41.6
77	58.4	45.9	68.9

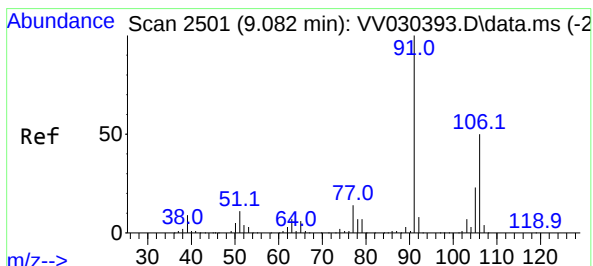
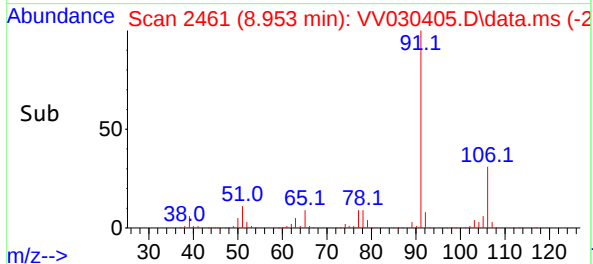
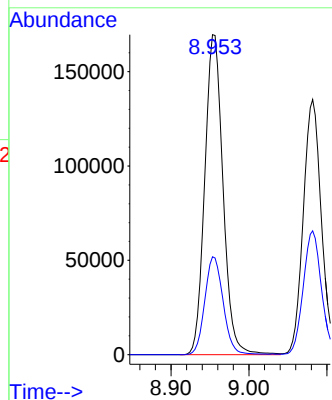
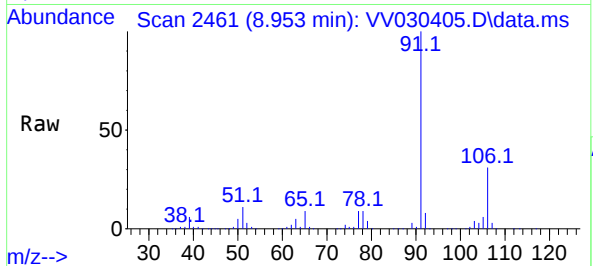




#52
Ethylbenzene
Concen: 4.873 ug/L
RT: 8.953 min Scan# 2461
Delta R.T. -0.000 min
Lab File: VV030405.D
Acq: 05 Apr 2023 16:59

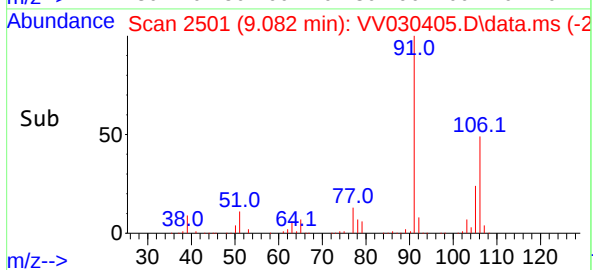
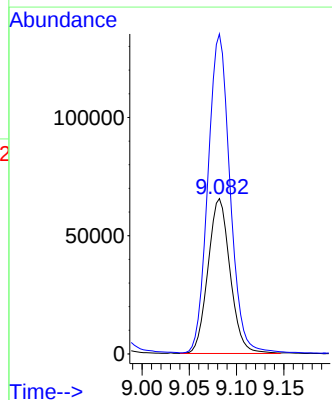
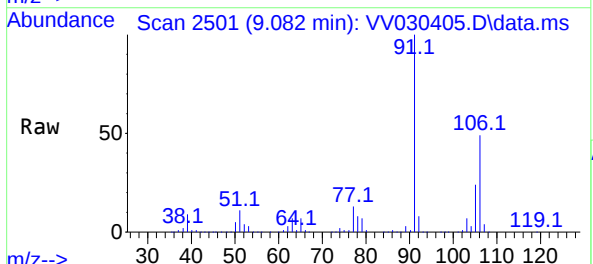
Instrument :
MSVOA_V
ClientSampleId :
VSTD005321

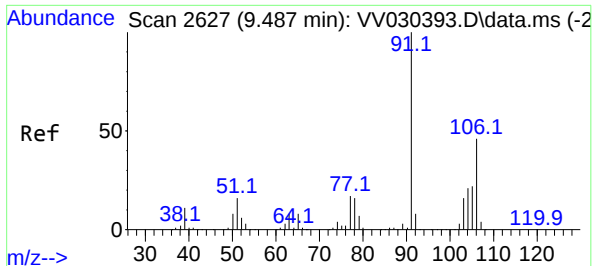
Tgt Ion: 91 Resp: 276415
Ion Ratio Lower Upper
91 100
106 30.6 22.2 41.2



#53
m,p-Xylene
Concen: 4.912 ug/L
RT: 9.082 min Scan# 2501
Delta R.T. 0.003 min
Lab File: VV030405.D
Acq: 05 Apr 2023 16:59

Tgt Ion: 106 Resp: 106659
Ion Ratio Lower Upper
106 100
91 206.0 142.4 264.4

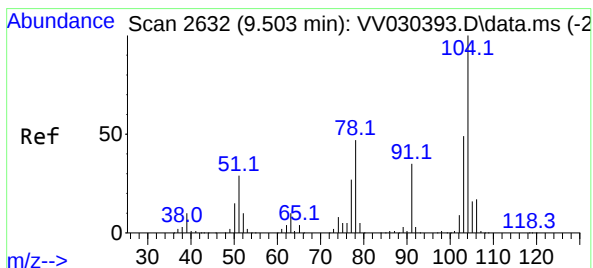
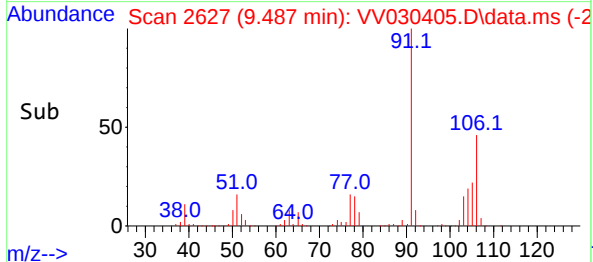
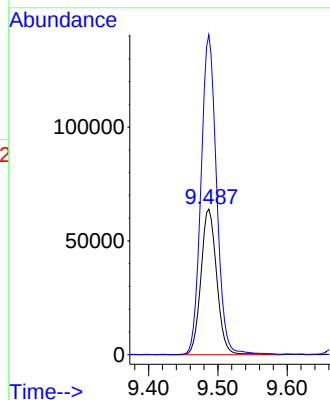
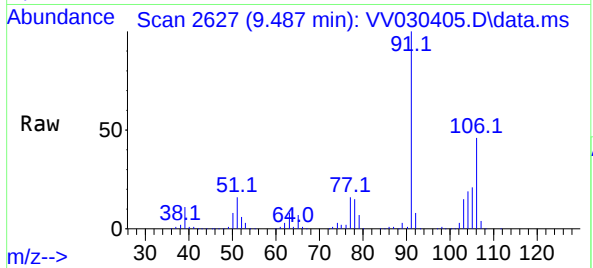




#54
o-Xylene
Concen: 4.874 ug/L
RT: 9.487 min Scan# 2627
Delta R.T. -0.000 min
Lab File: VV030405.D
Acq: 05 Apr 2023 16:59

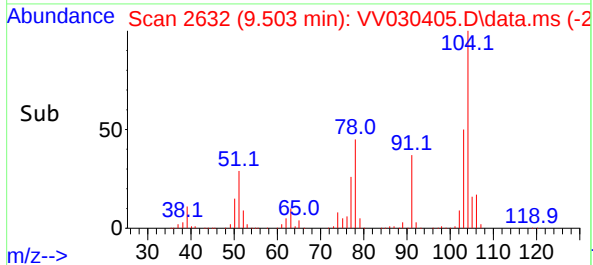
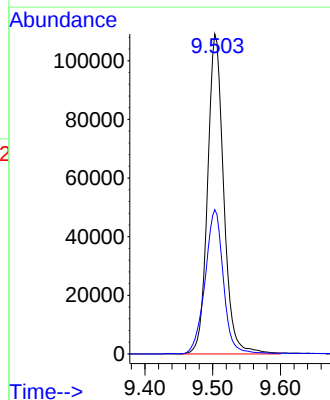
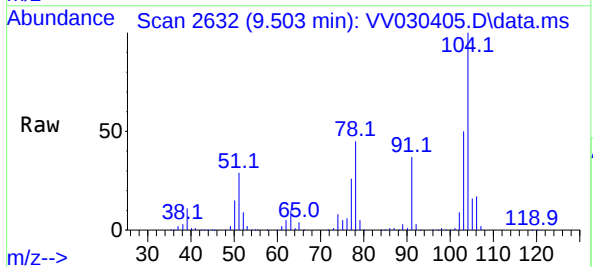
Instrument : MSVOA_V
ClientSampleId : VSTD005321

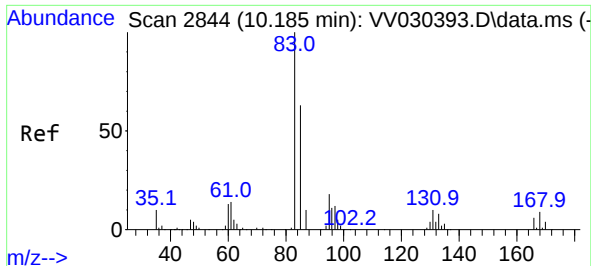
Tgt Ion:106 Resp: 101254
Ion Ratio Lower Upper
106 100
91 219.7 149.8 278.2



#55
Styrene
Concen: 5.117 ug/L
RT: 9.503 min Scan# 2632
Delta R.T. -0.000 min
Lab File: VV030405.D
Acq: 05 Apr 2023 16:59

Tgt Ion:104 Resp: 180565
Ion Ratio Lower Upper
104 100
78 45.1 31.9 59.2

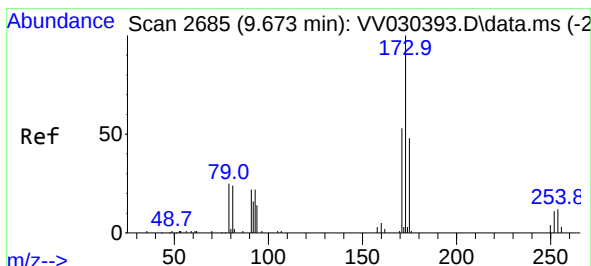
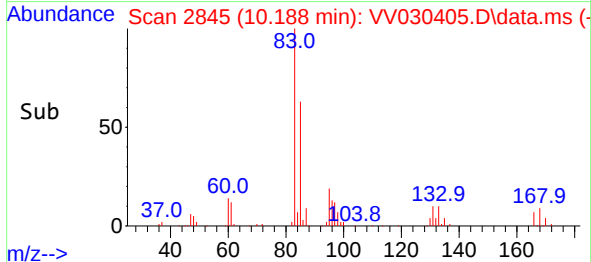
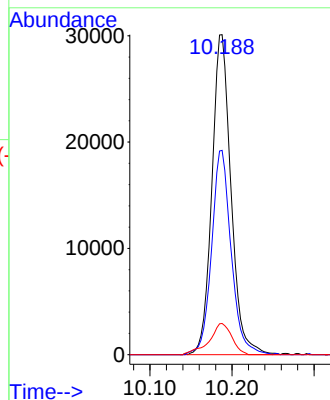
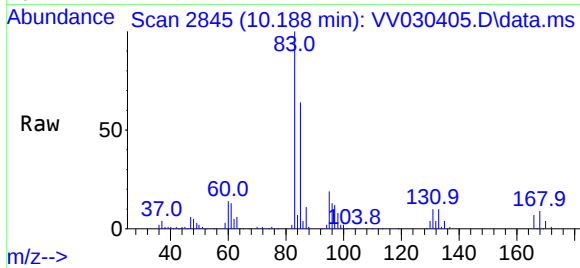




#57
1,1,2,2-Tetrachloroethane
Concen: 4.680 ug/L
RT: 10.188 min Scan# 2845
Delta R.T. 0.003 min
Lab File: VV030405.D
Acq: 05 Apr 2023 16:59

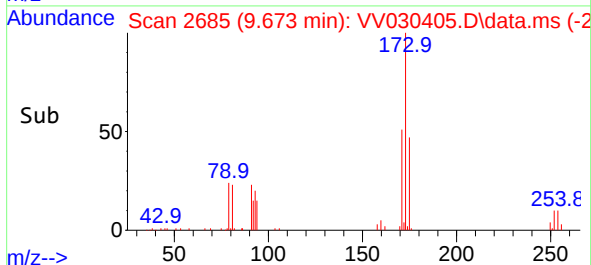
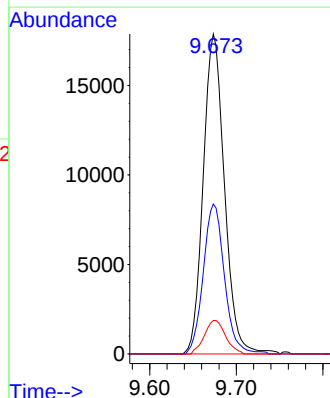
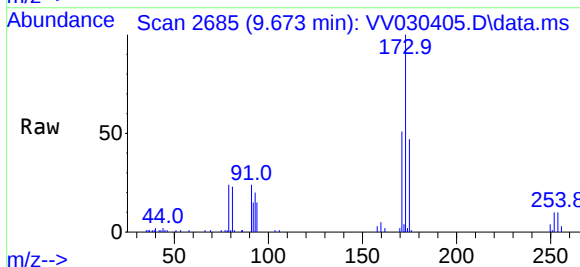
Instrument : MSVOA_V
ClientSampleId : VSTD005321

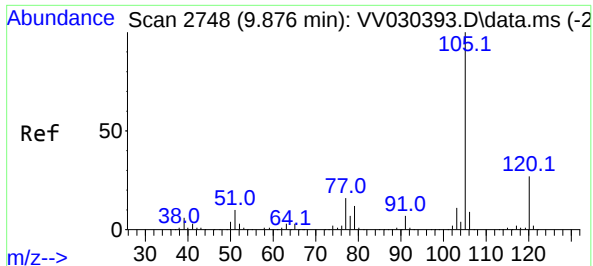
Tgt Ion: 83 Resp: 48878
Ion Ratio Lower Upper
83 100
85 63.8 45.3 84.1
131 9.8 8.2 12.4



#59
Bromoform
Concen: 4.617 ug/L
RT: 9.673 min Scan# 2685
Delta R.T. -0.000 min
Lab File: VV030405.D
Acq: 05 Apr 2023 16:59

Tgt Ion: 173 Resp: 30482
Ion Ratio Lower Upper
173 100
175 46.7 39.0 58.4
254 10.5 8.2 12.4

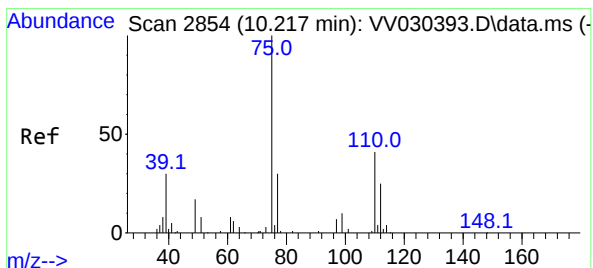
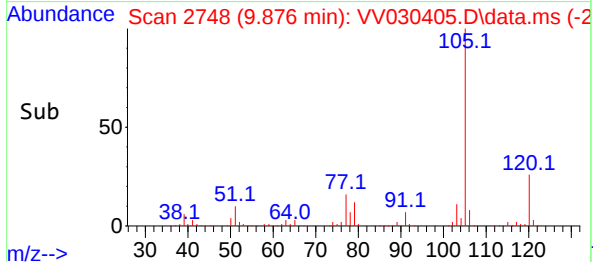
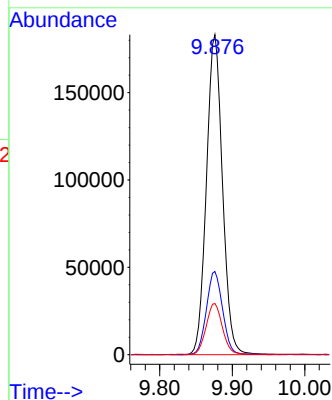
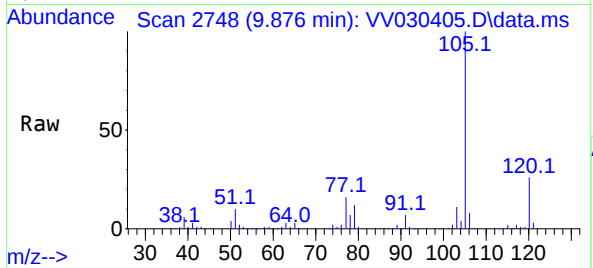




#60
Isopropylbenzene
Concen: 4.687 ug/L
RT: 9.876 min Scan# 21
Delta R.T. -0.000 min
Lab File: VV030405.D
Acq: 05 Apr 2023 16:59

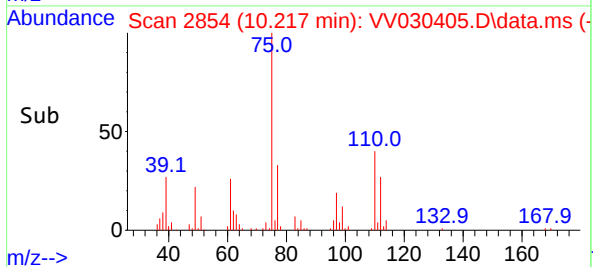
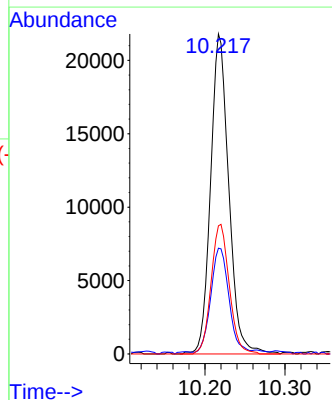
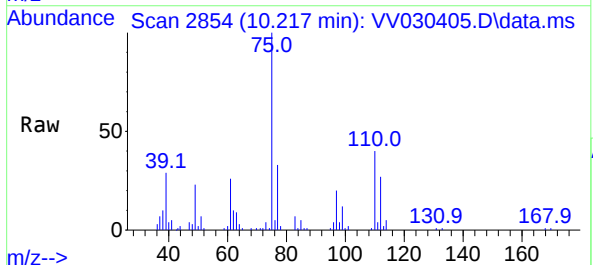
Instrument :
MSVOA_V
ClientSampleId :
VSTD005321

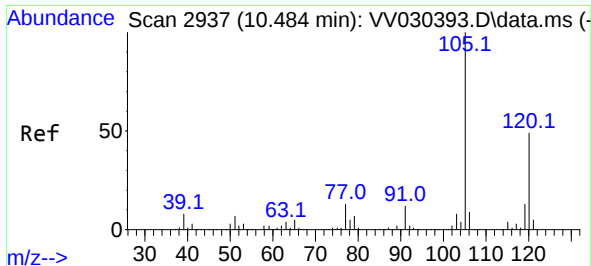
Tgt Ion:105 Resp: 282369
Ion Ratio Lower Upper
105 100
120 26.3 21.1 31.7
77 16.0 12.9 19.3



#61
1,2,3-Trichloropropane
Concen: 4.707 ug/L
RT: 10.217 min Scan# 2854
Delta R.T. -0.000 min
Lab File: VV030405.D
Acq: 05 Apr 2023 16:59

Tgt Ion: 75 Resp: 34381
Ion Ratio Lower Upper
75 100
77 31.9 26.0 39.0
110 40.5 31.6 47.4

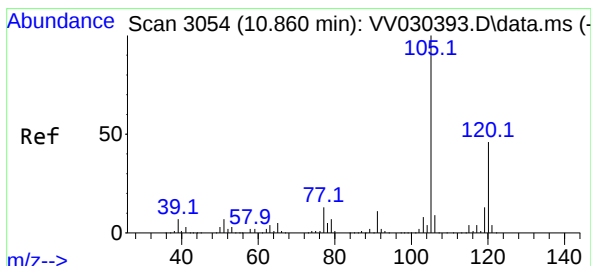
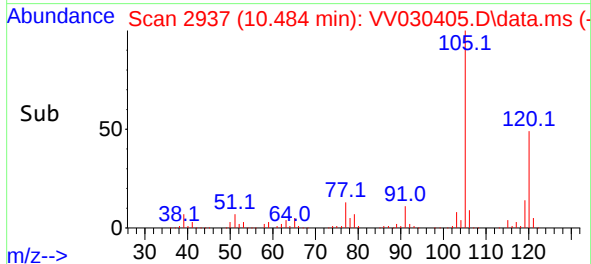
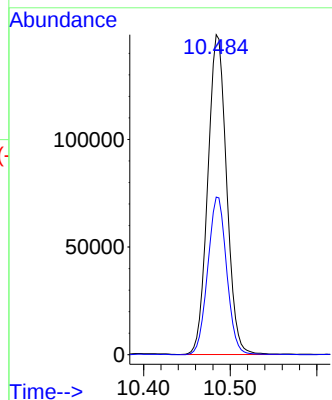
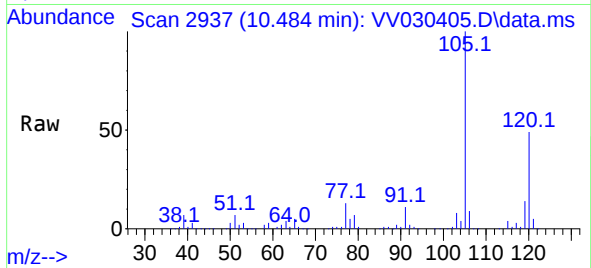




#62
1,3,5-Trimethylbenzene
Concen: 4.557 ug/L
RT: 10.484 min Scan# 2937
Delta R.T. -0.000 min
Lab File: VV030405.D
Acq: 05 Apr 2023 16:59

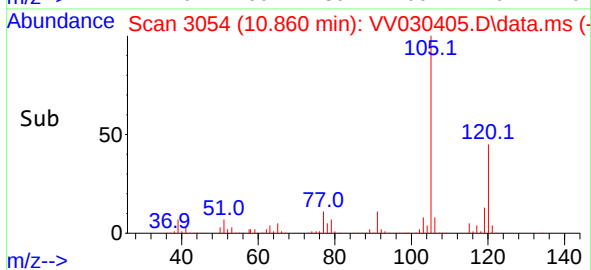
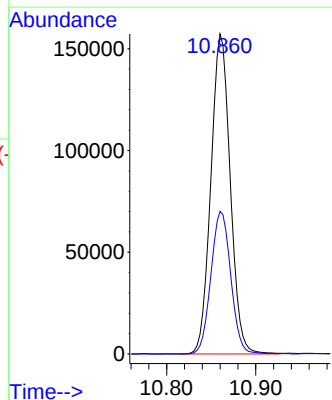
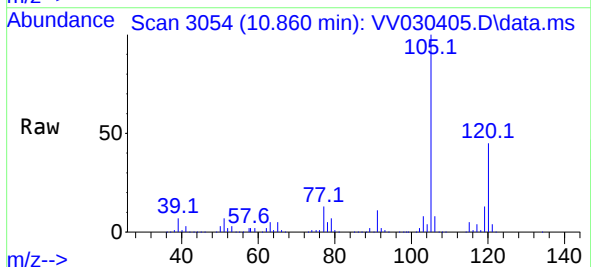
Instrument :
MSVOA_V
ClientSampleId :
VSTD005321

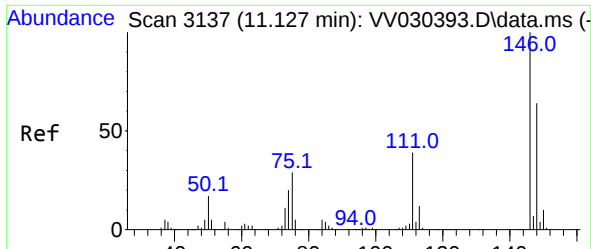
Tgt Ion:105 Resp: 224040
Ion Ratio Lower Upper
105 100
120 49.5 38.9 58.3



#63
1,2,4-Trimethylbenzene
Concen: 4.739 ug/L
RT: 10.860 min Scan# 3054
Delta R.T. -0.000 min
Lab File: VV030405.D
Acq: 05 Apr 2023 16:59

Tgt Ion:105 Resp: 237424
Ion Ratio Lower Upper
105 100
120 45.7 36.8 55.2

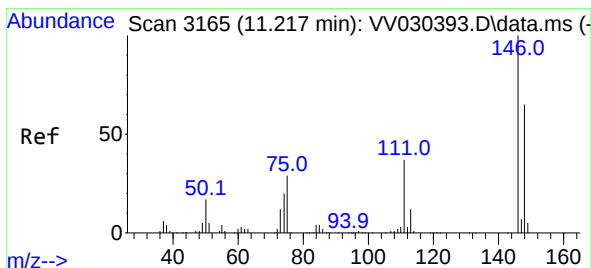
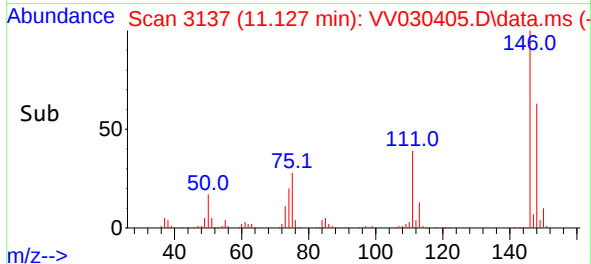
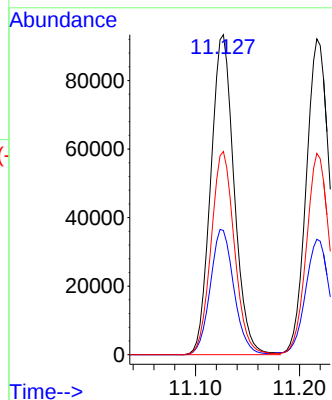
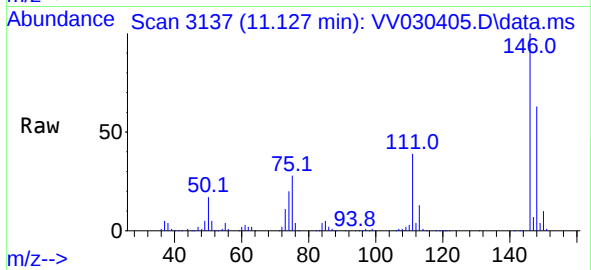




#64
1,3-Dichlorobenzene
Concen: 4.846 ug/L
RT: 11.127 min Scan# 3137
Delta R.T. 0.003 min
Lab File: VV030405.D
Acq: 05 Apr 2023 16:59

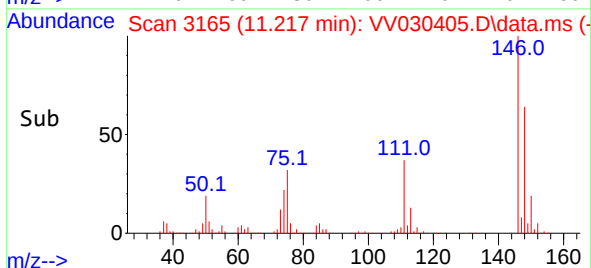
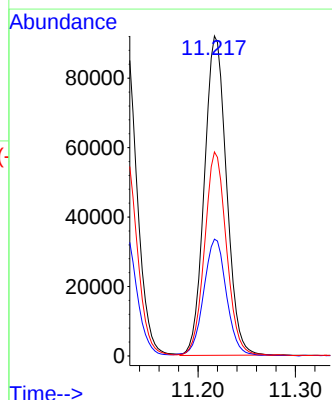
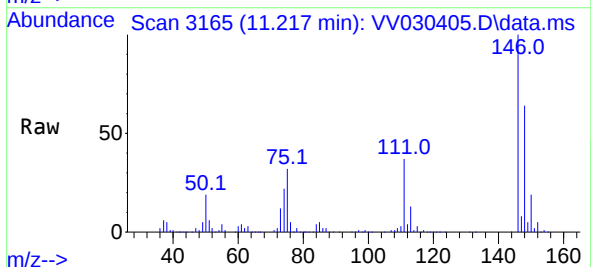
Instrument :
MSVOA_V
ClientSampleId :
VSTD005321

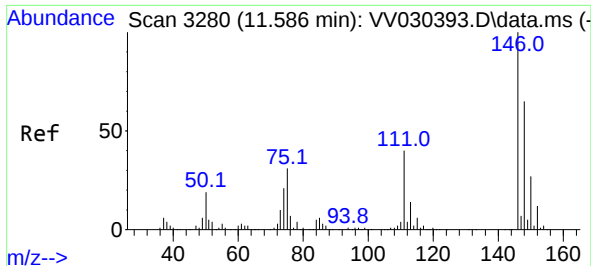
Tgt Ion:146 Resp: 145582
Ion Ratio Lower Upper
146 100
111 38.8 27.0 50.2
148 63.5 44.2 82.2



#65
1,4-Dichlorobenzene
Concen: 4.799 ug/L
RT: 11.217 min Scan# 3165
Delta R.T. -0.000 min
Lab File: VV030405.D
Acq: 05 Apr 2023 16:59

Tgt Ion:146 Resp: 145236
Ion Ratio Lower Upper
146 100
111 36.5 26.0 48.4
148 63.7 45.2 84.0





#67

1,2-Dichlorobenzene

Concen: 4.746 ug/L

RT: 11.587 min Scan# 31

Delta R.T. -0.000 min

Lab File: VV030405.D

Acq: 05 Apr 2023 16:59

Instrument :

MSVOA_V

ClientSampleId :

VSTD005321

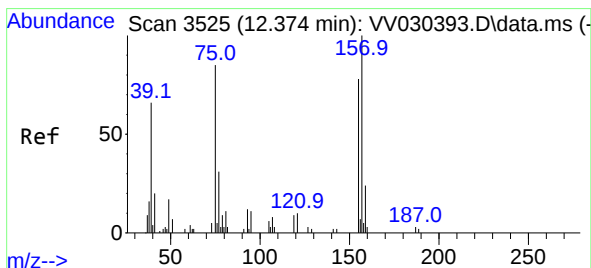
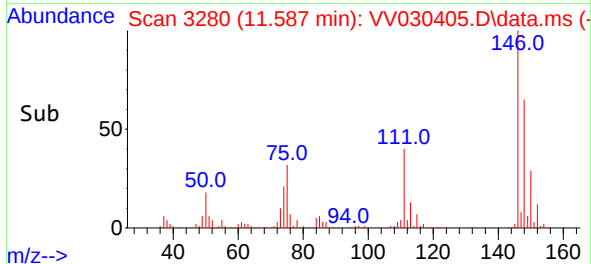
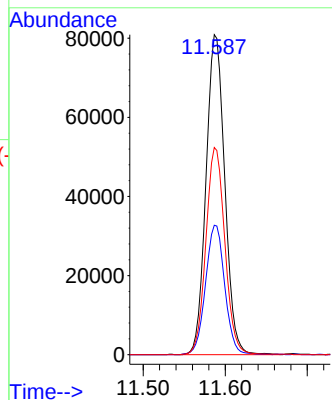
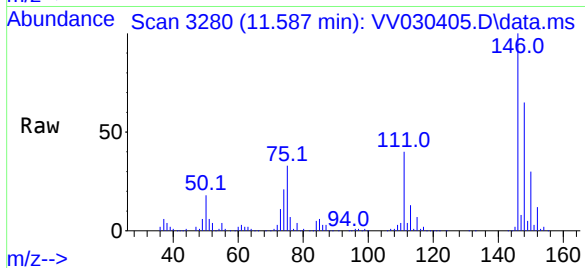
Tgt Ion:146 Resp: 128490

Ion Ratio Lower Upper

146 100

111 40.5 33.1 49.7

148 64.8 52.2 78.2



#68

1,2-Dibromo-3-chloropropane

Concen: 4.360 ug/L

RT: 12.374 min Scan# 3525

Delta R.T. 0.003 min

Lab File: VV030405.D

Acq: 05 Apr 2023 16:59

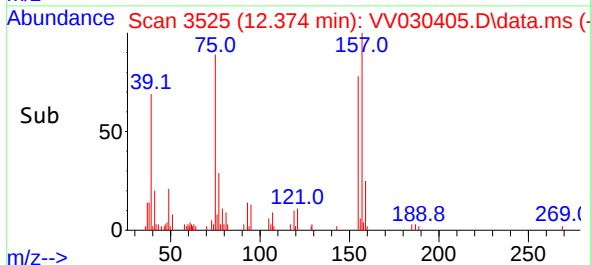
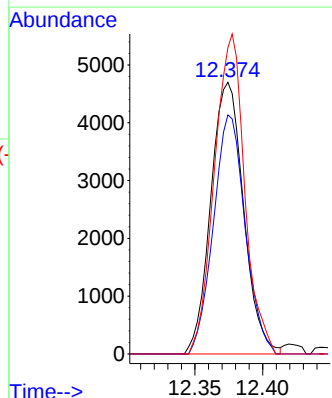
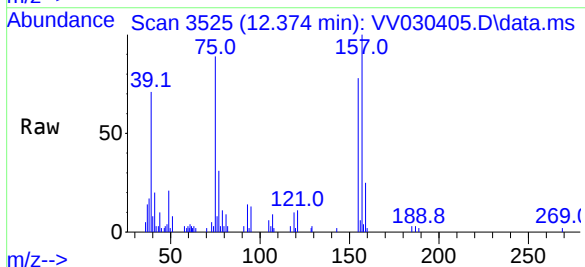
Tgt Ion: 75 Resp: 7920

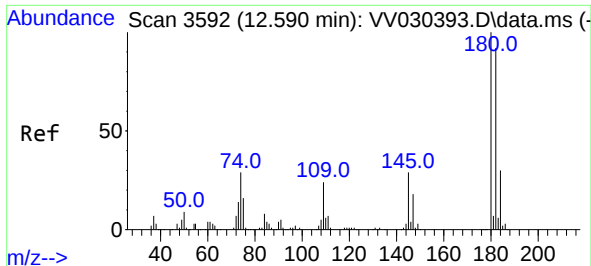
Ion Ratio Lower Upper

75 100

155 88.0 64.6 96.8

157 112.7 83.8 125.6



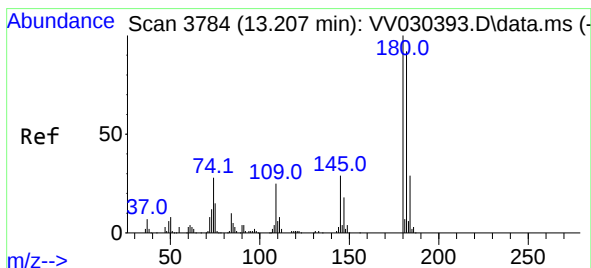
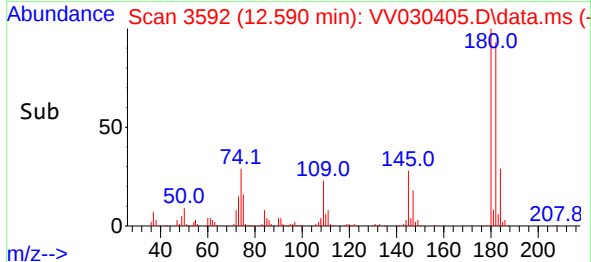
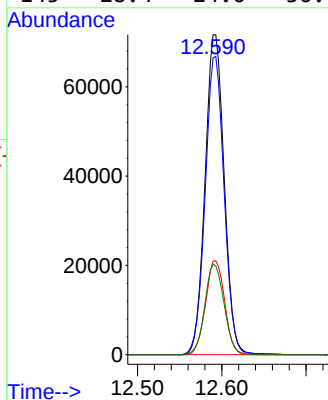
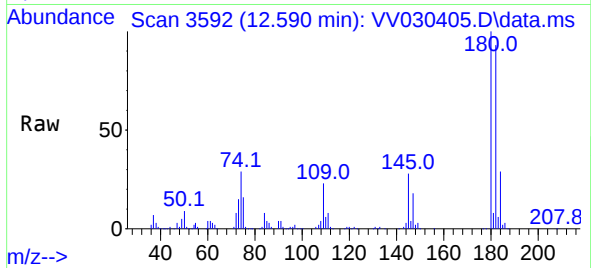


#69
 1,3,5-Trichlorobenzene
 Concen: 4.906 ug/L
 RT: 12.590 min Scan# 3592
 Delta R.T. -0.000 min
 Lab File: VV030405.D
 Acq: 05 Apr 2023 16:59

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005321

Tgt Ion:180 Resp: 113489

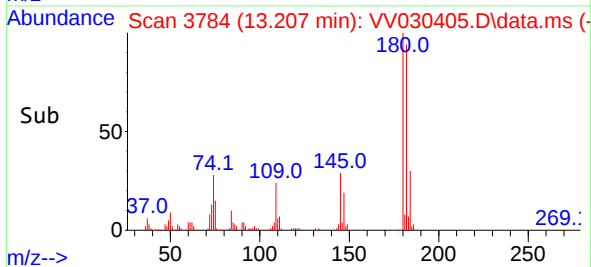
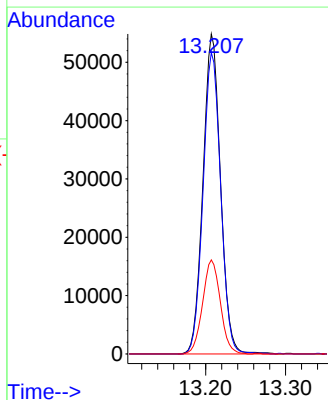
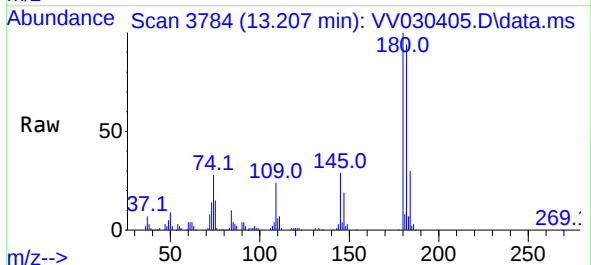
Ion	Ratio	Lower	Upper
180	100		
182	92.2	76.5	114.7
184	29.2	24.0	36.0
145	28.4	24.0	36.0

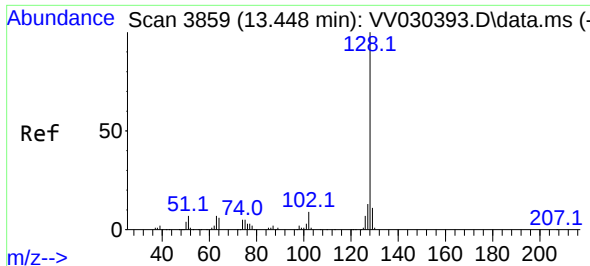


#70
 1,2,4-trichlorobenzene
 Concen: 4.690 ug/L
 RT: 13.207 min Scan# 3784
 Delta R.T. -0.000 min
 Lab File: VV030405.D
 Acq: 05 Apr 2023 16:59

Tgt Ion:180 Resp: 83760

Ion	Ratio	Lower	Upper
180	100		
182	94.6	75.3	112.9
145	29.8	23.8	35.6

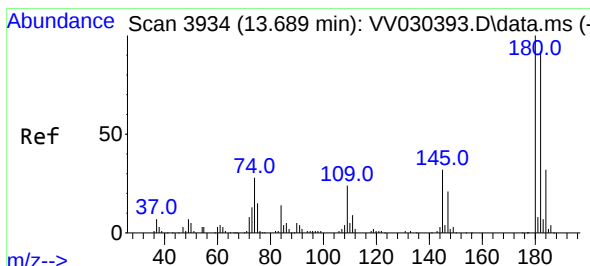
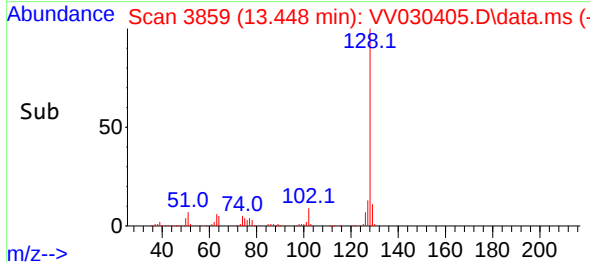
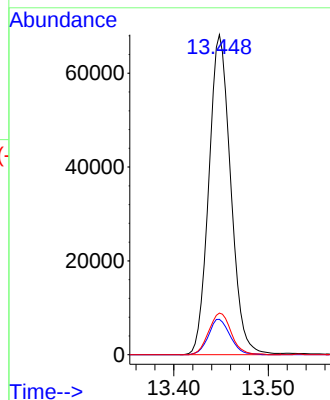
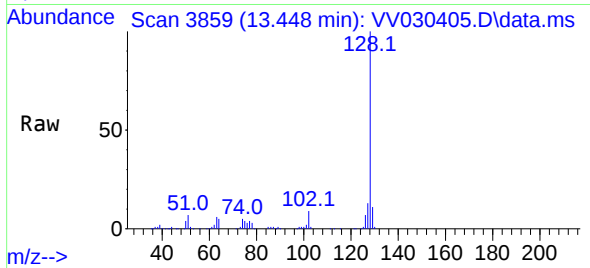




#71
Naphthalene
Concen: 4.296 ug/L
RT: 13.448 min Scan# 3859
Delta R.T. -0.000 min
Lab File: VV030405.D
Acq: 05 Apr 2023 16:59

Instrument :
MSVOA_V
ClientSampleId :
VSTD005321

Tgt Ion:128 Resp: 109577
Ion Ratio Lower Upper
128 100
129 11.0 8.9 13.3
127 13.4 10.8 16.2



#72
1,2,3-Trichlorobenzene
Concen: 4.632 ug/L
RT: 13.689 min Scan# 3934
Delta R.T. -0.000 min
Lab File: VV030405.D
Acq: 05 Apr 2023 16:59

Tgt Ion:180 Resp: 71670
Ion Ratio Lower Upper
180 100
182 95.2 76.6 115.0
145 30.5 25.0 37.4

