

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW040723\
 Data File : VW030430.D
 Acq On : 07 Apr 2023 09:29
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005324

Quant Time: Apr 10 03:49:49 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	120421	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.792	117	118613	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.194	152	69321	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.281	65	33279	4.173	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	83.400%
7) Chloroethane-d5	1.535	69	34691	4.482	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	89.600%
11) 1,1-Dichloroethene-d2	2.066	63	88525	4.678	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	93.600%
20) 2-Butanone-d5	3.818	46	89280	43.310	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	86.620%
24) Chloroform-d	4.259	84	91738	4.752	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.000%
26) 1,2-Dichloroethane-d4	4.950	65	44104	4.843	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.800%
32) Benzene-d6	4.966	84	160504	4.802	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.000%
36) 1,2-Dichloropropane-d6	5.998	67	47977	4.585	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	91.600%
41) Toluene-d8	7.249	98	154861	5.045	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	101.000%
43) trans-1,3-Dichloroprop...	7.561	79	16386	4.159	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	83.200%
46) 2-Hexanone-d5	8.034	63	64475	40.725	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	81.460%
56) 1,1,2,2-Tetrachloroeth...	10.162	84	36140	4.382	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	87.600%
66) 1,2-Dichlorobenzene-d4	11.567	152	56875	4.590	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	91.800%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.108	85	67556	4.413	ug/L	100
3) Chloromethane	1.217	50	83079	4.301	ug/L	99
5) Vinyl chloride	1.285	62	64231	4.561	ug/L	99
6) Bromomethane	1.490	94	20169	5.021	ug/L	98
8) Chloroethane	1.555	64	37650	4.667	ug/L	100
9) Trichlorofluoromethane	1.719	101	104036	5.068	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.072	101	52121	4.600	ug/L	99
12) 1,1-Dichloroethene	2.072	96	48295	4.800	ug/L	97
13) Acetone	2.150	43	79121	40.137	ug/L	85
14) Carbon disulfide	2.246	76	146651	4.425	ug/L	100
15) Methyl Acetate	2.394	43	22613	6.419	ug/L	# 88
16) Methylene chloride	2.452	84	75982	6.384	ug/L	100
17) Methyl tert-butyl Ether	2.712	73	97843	4.591	ug/L	99
18) trans-1,2-Dichloroethene	2.699	96	48034	4.532	ug/L	97
19) 1,1-Dichloroethane	3.117	63	96783	4.710	ug/L	99
21) 2-Butanone	3.899	43	101284	40.822	ug/L	99
22) cis-1,2-Dichloroethene	3.825	96	49486	4.652	ug/L	99
23) Bromochloromethane	4.159	128	24055	4.842	ug/L	92
25) Chloroform	4.285	83	101656	4.895	ug/L	97

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW040723\
 Data File : VW030430.D
 Acq On : 07 Apr 2023 09:29
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 2 Sample Multiplier: 1

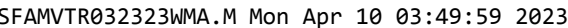
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005324

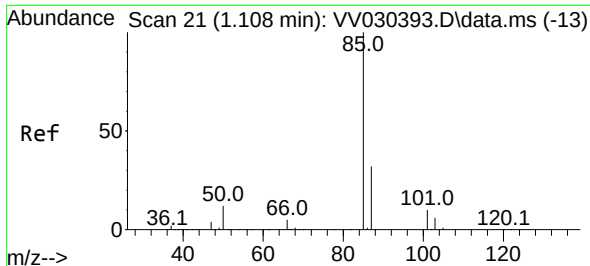
Quant Time: Apr 10 03:49:49 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR032323WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Mar 31 05:37:21 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.050	62	63096	5.025	ug/L	97
29) 1,1,1-Trichloroethane	4.519	97	95114	4.989	ug/L	99
30) Cyclohexane	4.593	56	74351	4.281	ug/L	96
31) Carbon tetrachloride	4.744	117	85997	4.971	ug/L	99
33) Benzene	5.018	78	206041	4.891	ug/L	100
34) Trichloroethene	5.841	95	52345	4.607	ug/L	99
35) Methylcyclohexane	6.059	83	78540	4.404	ug/L	99
37) 1,2-Dichloropropane	6.101	63	53046	4.905	ug/L	100
38) Bromodichloromethane	6.439	83	70203	4.957	ug/L	99
39) cis-1,3-Dichloropropene	6.960	75	63604	4.182	ug/L	99
40) 4-Methyl-2-pentanone	7.169	43	252019	44.220	ug/L	98
42) Toluene	7.323	91	228444	5.091	ug/L	100
44) trans-1,3-Dichloropropene	7.590	75	54276	4.194	ug/L	91
45) 1,1,2-Trichloroethane	7.776	97	36361	4.775	ug/L	98
47) Tetrachloroethene	7.911	164	48239	4.811	ug/L	96
48) 2-Hexanone	8.085	43	186999	43.811	ug/L	98
49) Dibromochloromethane	8.185	129	44301	4.887	ug/L	99
50) 1,2-Dibromoethane	8.291	107	31659	4.569	ug/L #	91
51) Chlorobenzene	8.821	112	141397	4.921	ug/L	99
52) Ethylbenzene	8.953	91	234065	4.768	ug/L	99
53) m,p-Xylene	9.079	106	92141	4.903	ug/L	98
54) o-Xylene	9.484	106	86620	4.817	ug/L	98
55) Styrene	9.503	104	154167	5.048	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.188	83	40461	4.476	ug/L	97
59) Bromoform	9.673	173	27166	4.849	ug/L	99
60) Isopropylbenzene	9.876	105	240931	4.713	ug/L	99
61) 1,2,3-Trichloropropane	10.217	75	28129	4.539	ug/L	97
62) 1,3,5-Trimethylbenzene	10.484	105	190201	4.560	ug/L	99
63) 1,2,4-Trimethylbenzene	10.860	105	199150	4.684	ug/L	100
64) 1,3-Dichlorobenzene	11.123	146	123552	4.847	ug/L	99
65) 1,4-Dichlorobenzene	11.217	146	121410	4.727	ug/L	99
67) 1,2-Dichlorobenzene	11.586	146	108553	4.725	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.371	75	6362	4.127	ug/L	96
69) 1,3,5-Trichlorobenzene	12.593	180	92310	4.703	ug/L	98
70) 1,2,4-trichlorobenzene	13.207	180	69717	4.600	ug/L	98
71) Naphthalene	13.448	128	91269	4.217	ug/L	99
72) 1,2,3-Trichlorobenzene	13.689	180	58368	4.446	ug/L	99

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

Quant Time: Apr 10 03:49:49 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

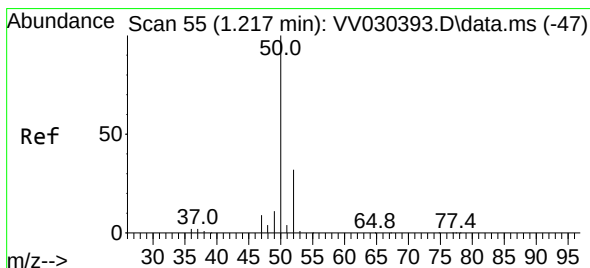
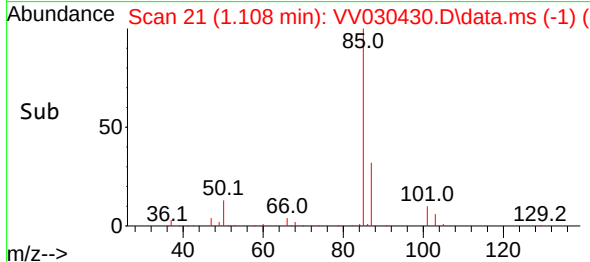
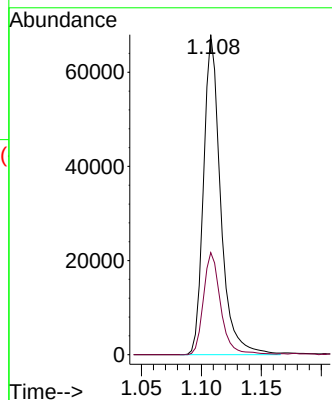
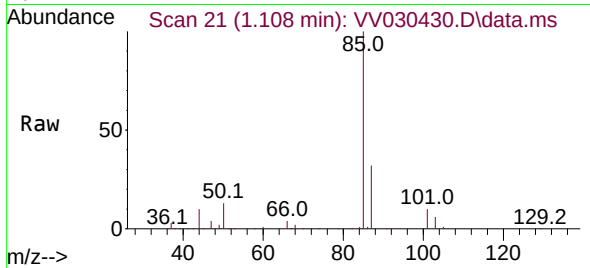




#2
 Dichlorodifluoromethane
 Concen: 4.413 ug/L
 RT: 1.108 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VV030430.D
 Acq: 07 Apr 2023 09:29

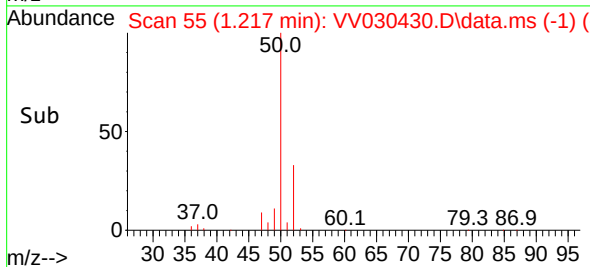
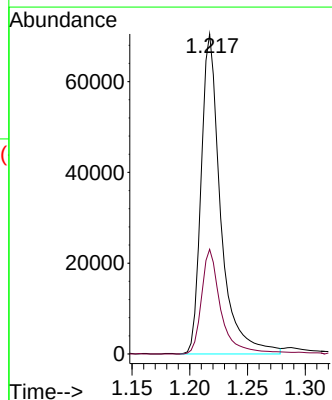
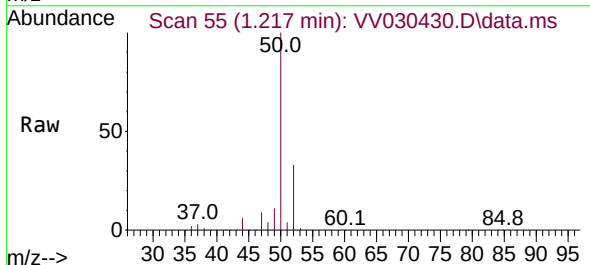
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005324

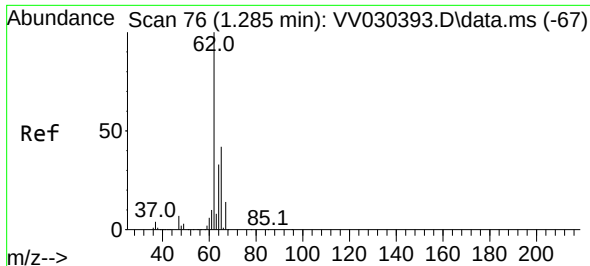
Tgt Ion: 85 Resp: 67556
 Ion Ratio Lower Upper
 85 100
 87 32.2 25.6 38.4



#3
 Chloromethane
 Concen: 4.301 ug/L
 RT: 1.217 min Scan# 55
 Delta R.T. -0.000 min
 Lab File: VV030430.D
 Acq: 07 Apr 2023 09:29

Tgt Ion: 50 Resp: 83079
 Ion Ratio Lower Upper
 50 100
 52 32.7 22.3 41.5

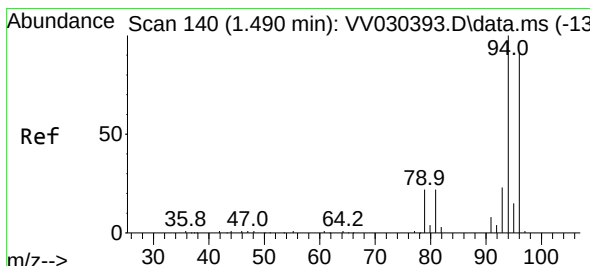
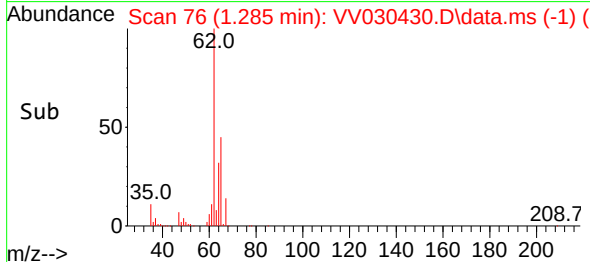
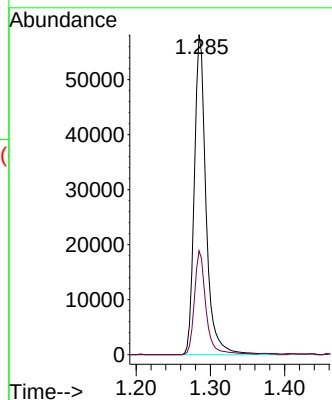
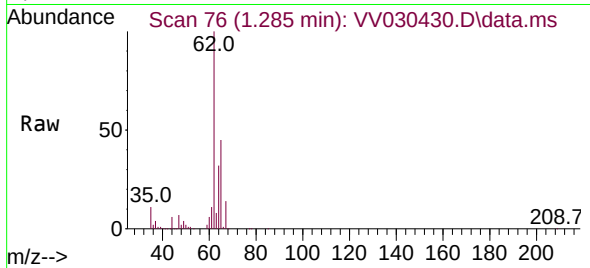




#5
 Vinyl chloride
 Concen: 4.561 ug/L
 RT: 1.285 min Scan# 76
 Delta R.T. -0.000 min
 Lab File: VV030430.D
 Acq: 07 Apr 2023 09:29

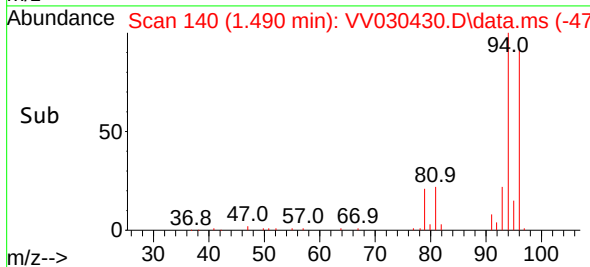
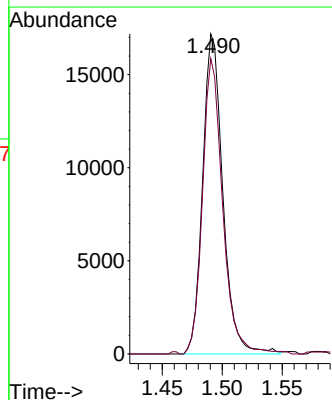
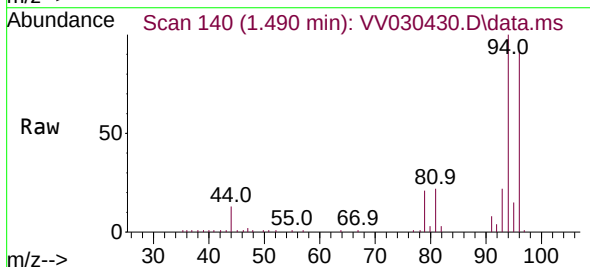
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005324

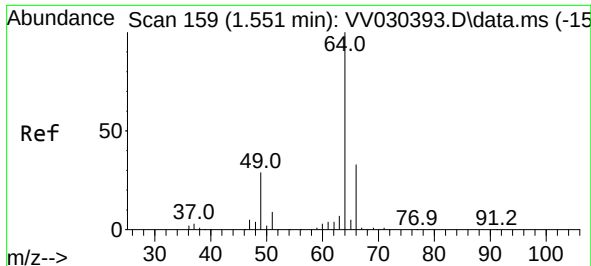
Tgt Ion: 62 Resp: 64231
 Ion Ratio Lower Upper
 62 100
 64 32.5 23.2 43.2



#6
 Bromomethane
 Concen: 5.021 ug/L
 RT: 1.490 min Scan# 140
 Delta R.T. -0.000 min
 Lab File: VV030430.D
 Acq: 07 Apr 2023 09:29

Tgt Ion: 94 Resp: 20169
 Ion Ratio Lower Upper
 94 100
 96 92.3 66.1 122.7

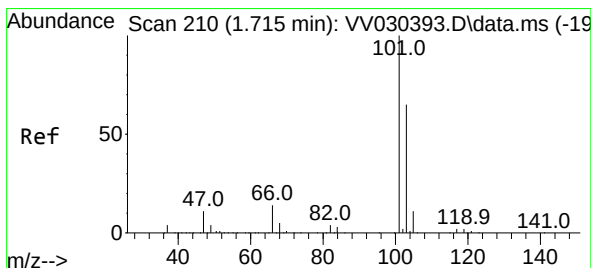
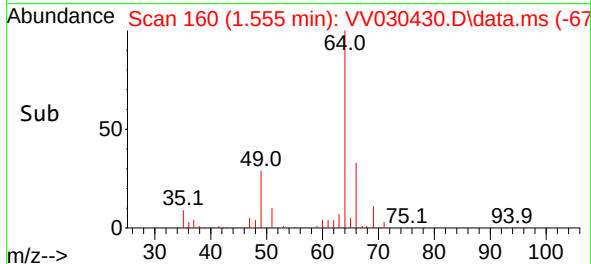
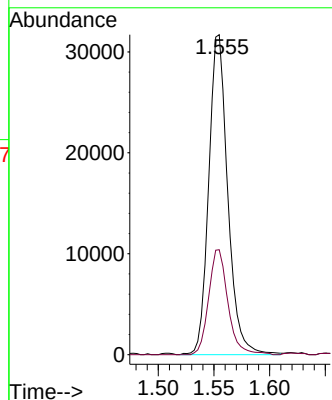
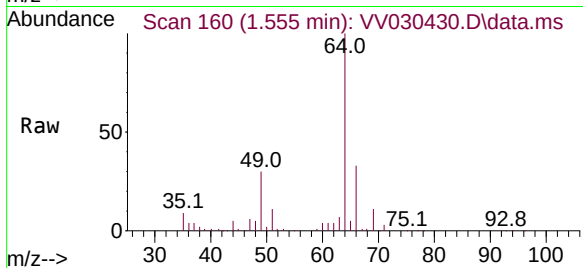




#8
Chloroethane
Concen: 4.667 ug/L
RT: 1.555 min Scan# 1
Delta R.T. -0.000 min
Lab File: VV030430.D
Acq: 07 Apr 2023 09:29

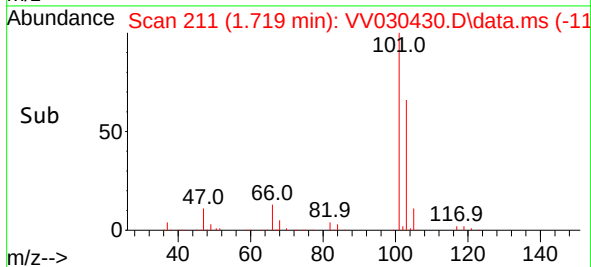
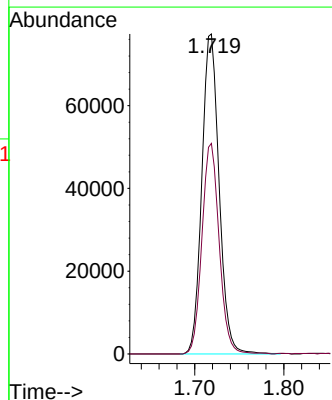
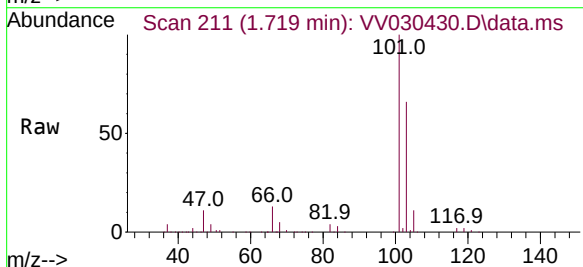
Instrument :
MSVOA_V
ClientSampleId :
VSTD005324

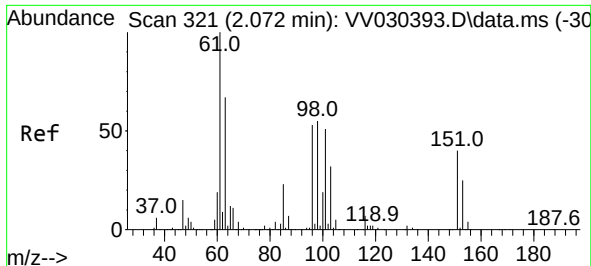
Tgt Ion: 64 Resp: 37650
Ion Ratio Lower Upper
64 100
66 32.8 23.0 42.8



#9
Trichlorofluoromethane
Concen: 5.068 ug/L
RT: 1.719 min Scan# 211
Delta R.T. -0.000 min
Lab File: VV030430.D
Acq: 07 Apr 2023 09:29

Tgt Ion: 101 Resp: 104036
Ion Ratio Lower Upper
101 100
103 65.5 51.0 76.6

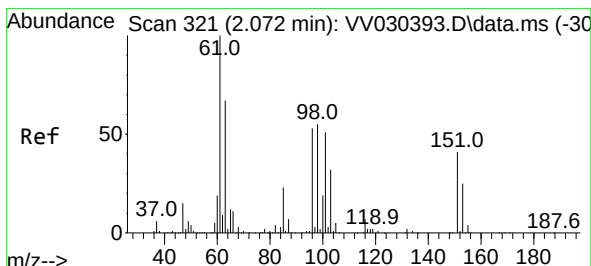
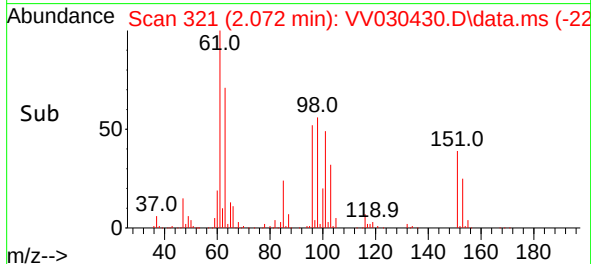
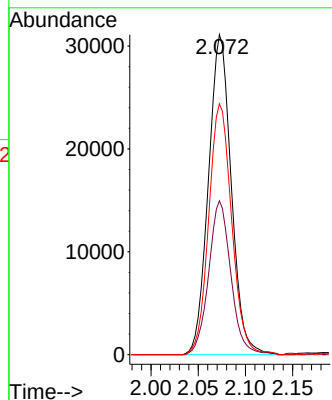
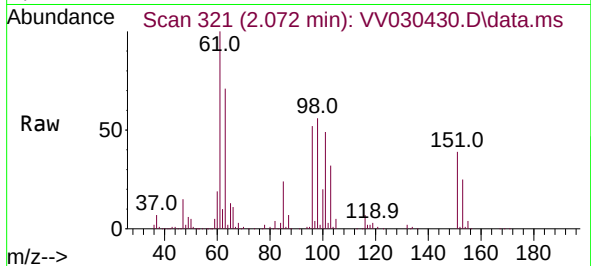




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 4.600 ug/L
 RT: 2.072 min Scan# 321
 Delta R.T. -0.000 min
 Lab File: VV030430.D
 Acq: 07 Apr 2023 09:29

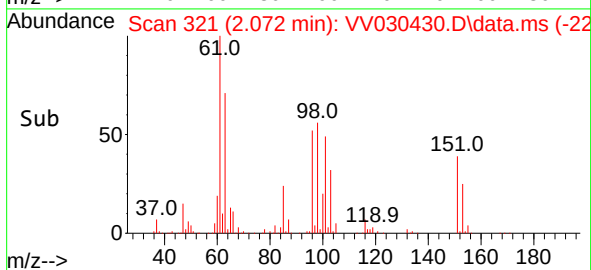
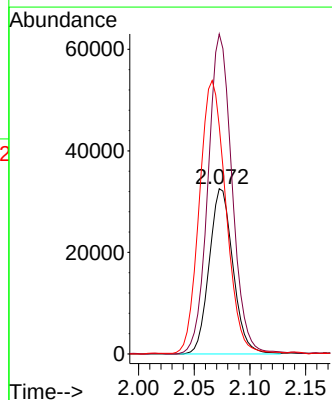
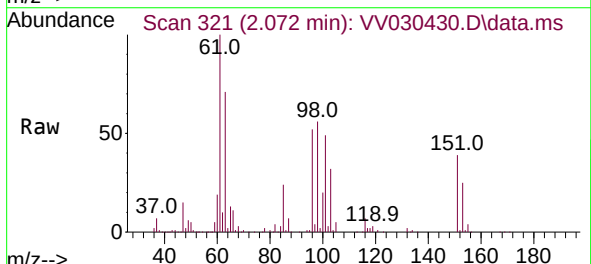
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005324

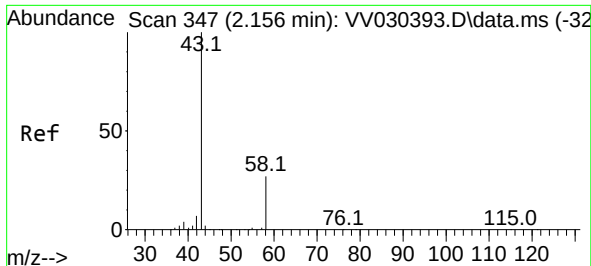
Tgt Ion:101 Resp: 52121
 Ion Ratio Lower Upper
 101 100
 85 46.6 38.1 57.1
 151 78.9 62.7 94.1



#12
 1,1-Dichloroethene
 Concen: 4.800 ug/L
 RT: 2.072 min Scan# 321
 Delta R.T. -0.003 min
 Lab File: VV030430.D
 Acq: 07 Apr 2023 09:29

Tgt Ion: 96 Resp: 48295
 Ion Ratio Lower Upper
 96 100
 61 193.5 136.3 253.1
 63 137.8 92.1 171.1





#13

Acetone

Concen: 40.137 ug/L

RT: 2.150 min Scan# 347

Delta R.T. 0.003 min

Lab File: VV030430.D

Acq: 07 Apr 2023 09:29

Instrument :

MSVOA_V

ClientSampleId :

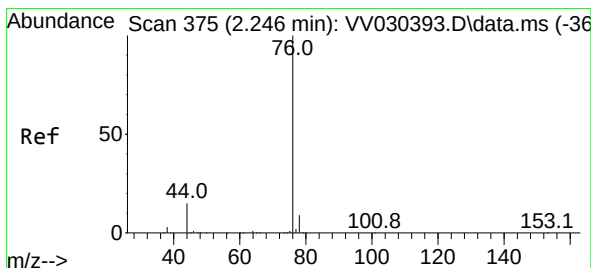
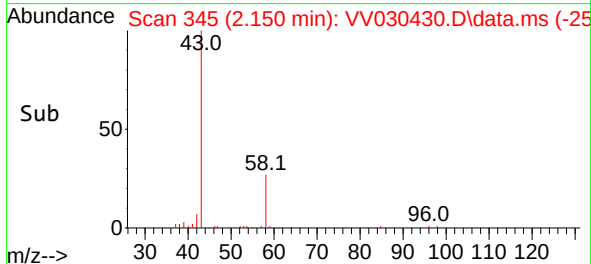
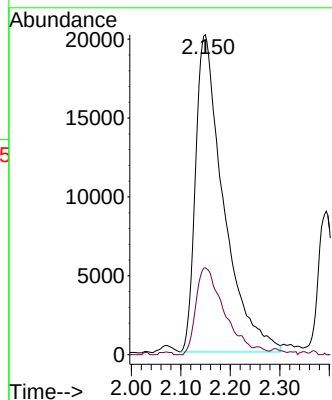
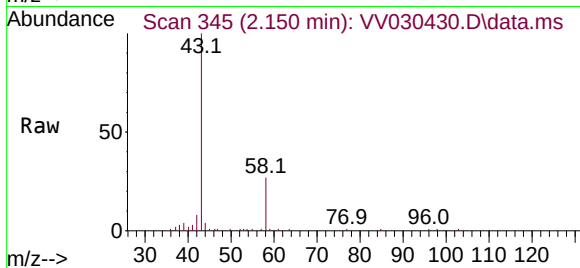
VSTD005324

Tgt Ion: 43 Resp: 79121

Ion Ratio Lower Upper

43 100

58 27.5 0.0 40.8



#14

Carbon disulfide

Concen: 4.425 ug/L

RT: 2.246 min Scan# 375

Delta R.T. -0.000 min

Lab File: VV030430.D

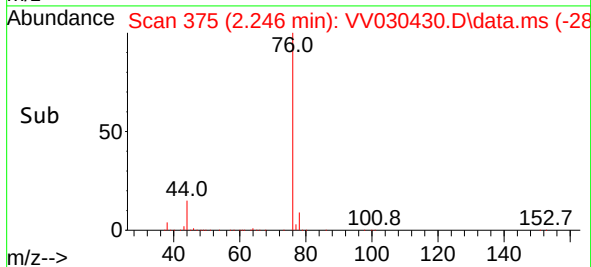
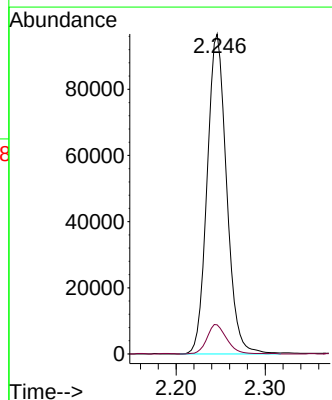
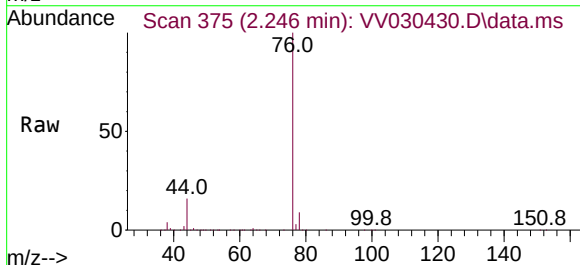
Acq: 07 Apr 2023 09:29

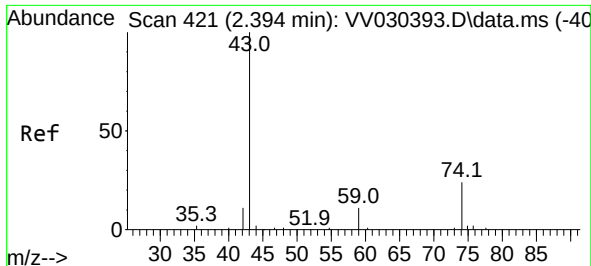
Tgt Ion: 76 Resp: 146651

Ion Ratio Lower Upper

76 100

78 9.1 7.3 10.9

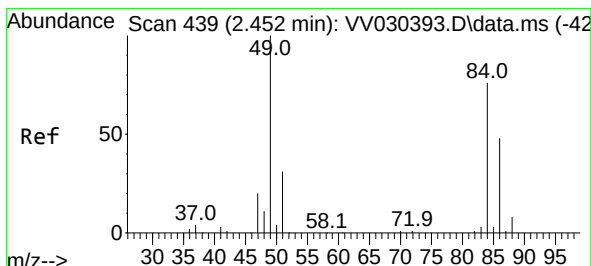
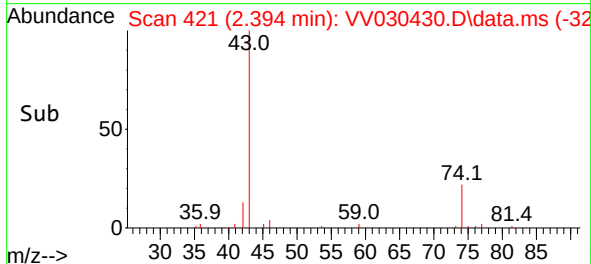
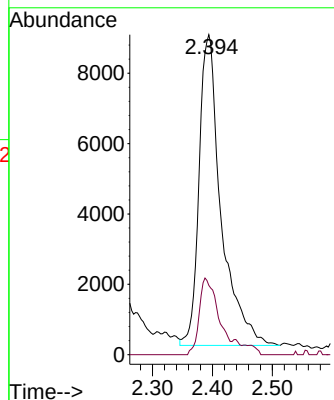
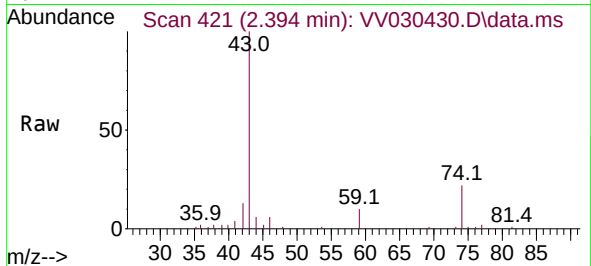




#15
Methyl Acetate
Concen: 6.419 ug/L
RT: 2.394 min Scan# 421
Delta R.T. 0.003 min
Lab File: VV030430.D
Acq: 07 Apr 2023 09:29

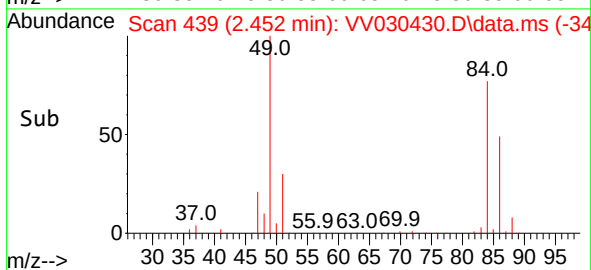
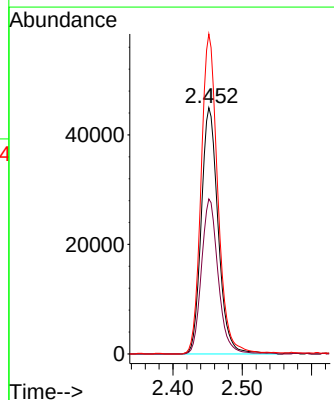
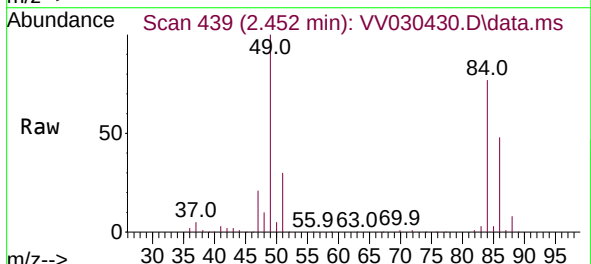
Instrument :
MSVOA_V
ClientSampleId :
VSTD005324

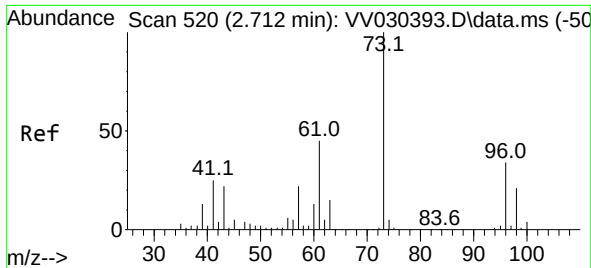
Tgt Ion: 43 Resp: 22613
Ion Ratio Lower Upper
43 100
74 21.2 22.1 33.1#



#16
Methylene chloride
Concen: 6.384 ug/L
RT: 2.452 min Scan# 439
Delta R.T. -0.000 min
Lab File: VV030430.D
Acq: 07 Apr 2023 09:29

Tgt Ion: 84 Resp: 75982
Ion Ratio Lower Upper
84 100
86 63.0 44.0 81.6
49 130.0 90.6 168.3

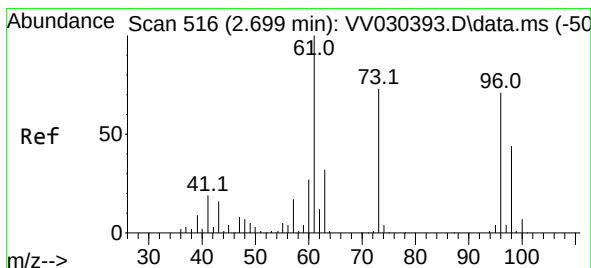
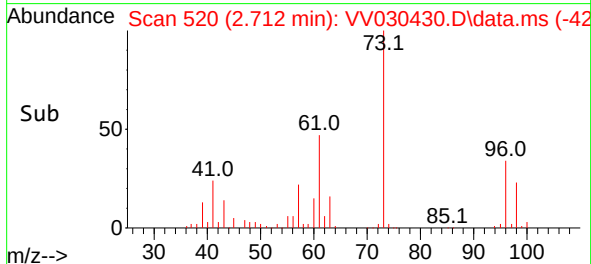
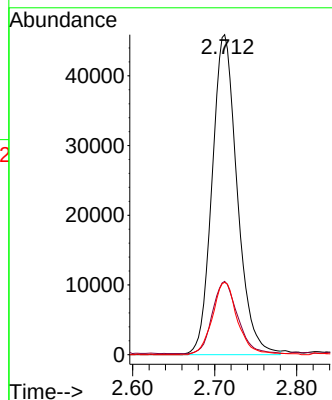
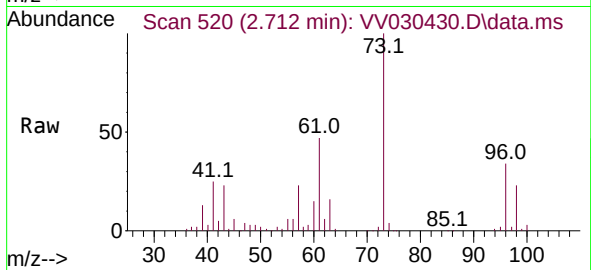




#17
Methyl tert-butyl Ether
Concen: 4.591 ug/L
RT: 2.712 min Scan# 516
Delta R.T. -0.000 min
Lab File: VV030430.D
Acq: 07 Apr 2023 09:29

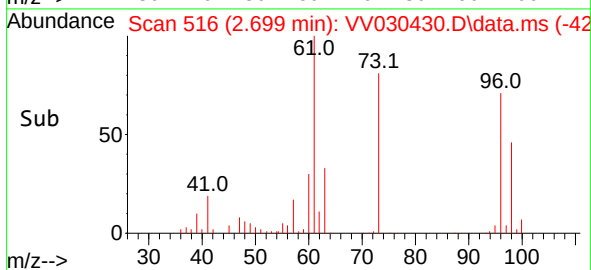
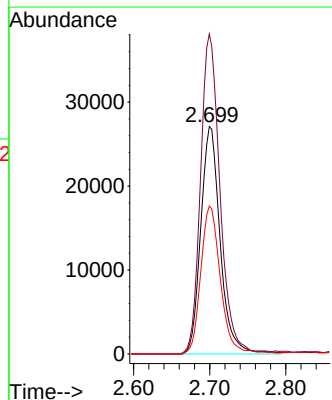
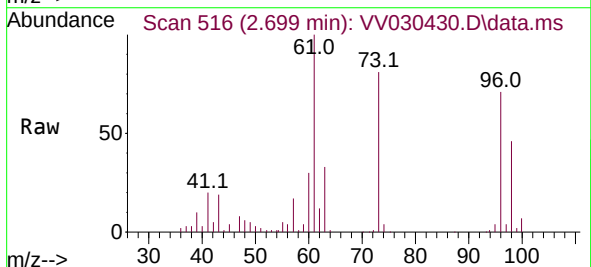
Instrument :
MSVOA_V
ClientSampleId :
VSTD005324

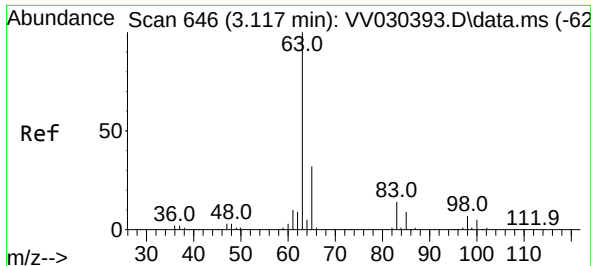
Tgt Ion: 73	Resp: 97843
Ion Ratio	Lower Upper
73 100	
43 22.7	17.4 26.2
57 22.6	18.3 27.5



#18
trans-1,2-Dichloroethene
Concen: 4.532 ug/L
RT: 2.699 min Scan# 516
Delta R.T. -0.000 min
Lab File: VV030430.D
Acq: 07 Apr 2023 09:29

Tgt Ion: 96	Resp: 48034		
Ion Ratio	Lower	Upper	
96	100		
61	140.8	101.7	188.9
98	65.1	45.8	85.2





#19

1,1-Dichloroethane

Concen: 4.710 ug/L

RT: 3.117 min Scan# 64

Delta R.T. -0.000 min

Lab File: VV030430.D

Acq: 07 Apr 2023 09:29

Instrument :

MSVOA_V

ClientSampleId :

VSTD005324

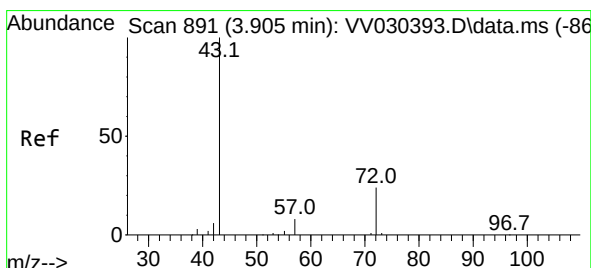
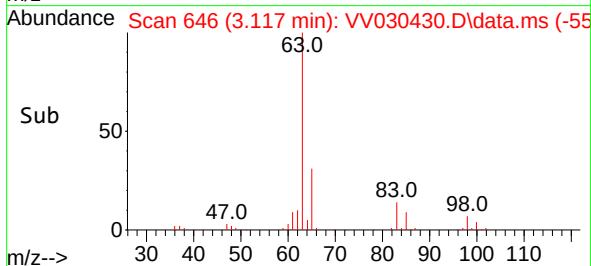
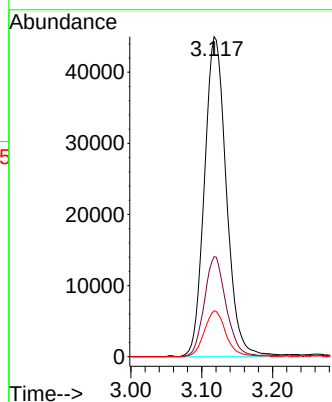
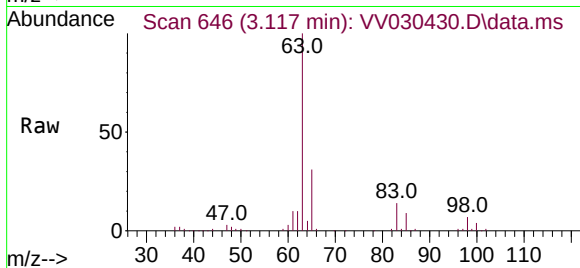
Tgt Ion: 63 Resp: 96783

Ion Ratio Lower Upper

63 100

65 31.2 21.7 40.3

83 14.4 9.1 16.9



#21

2-Butanone

Concen: 40.822 ug/L

RT: 3.899 min Scan# 889

Delta R.T. 0.003 min

Lab File: VV030430.D

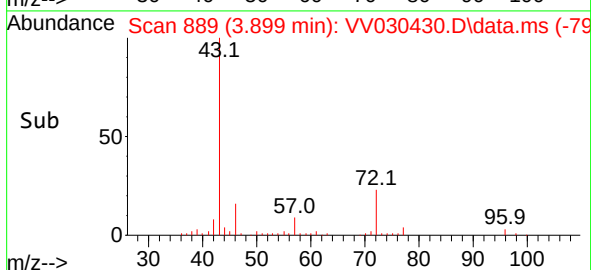
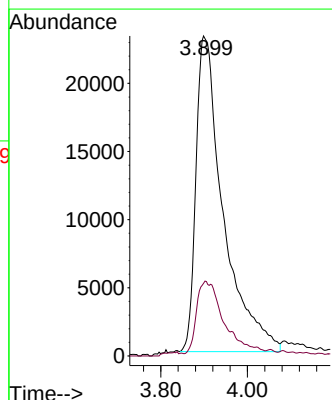
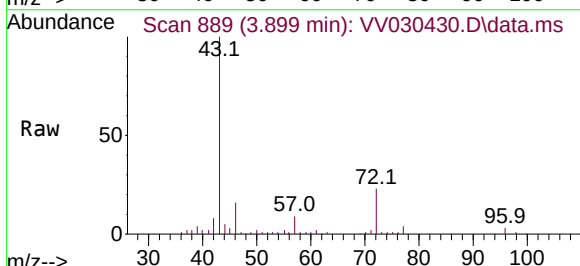
Acq: 07 Apr 2023 09:29

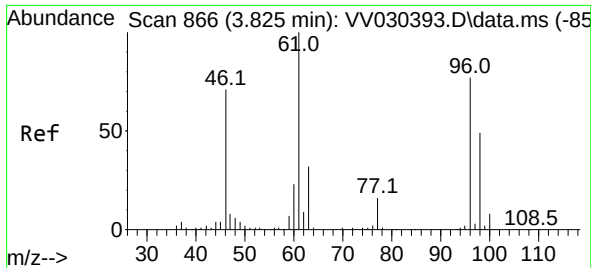
Tgt Ion: 43 Resp: 101284

Ion Ratio Lower Upper

43 100

72 23.0 11.2 33.5



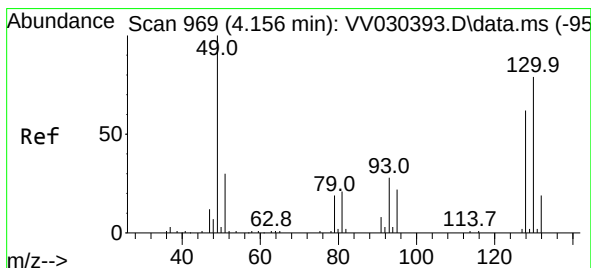
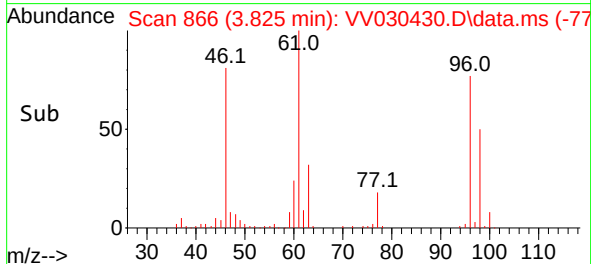
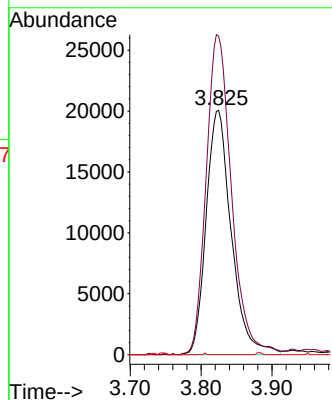
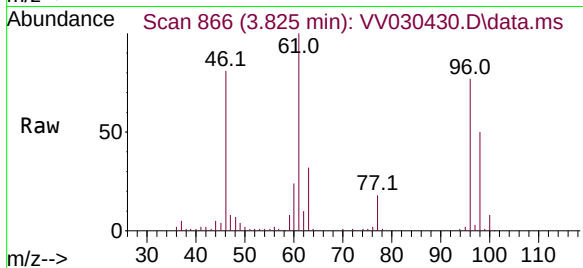


#22
 cis-1,2-Dichloroethene
 Concen: 4.652 ug/L
 RT: 3.825 min Scan# 866
 Delta R.T. -0.000 min
 Lab File: VV030430.D
 Acq: 07 Apr 2023 09:29

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005324

Tgt Ion: 96 Resp: 49486

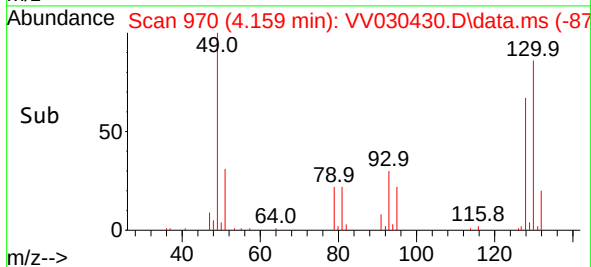
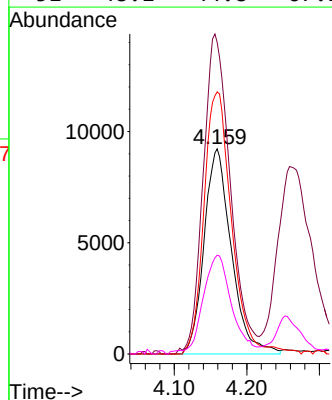
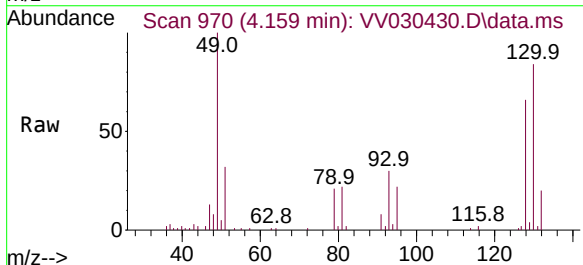
Ion	Ratio	Lower	Upper
96	100		
61	130.3	92.0	170.8
68	0.0	0.0	0.0

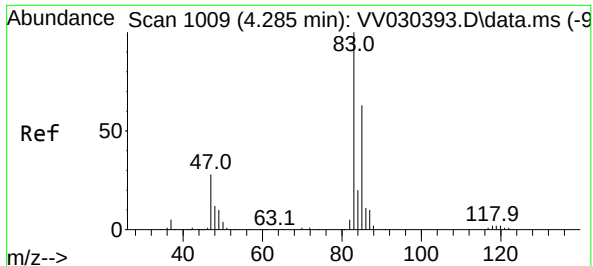


#23
 Bromochloromethane
 Concen: 4.842 ug/L
 RT: 4.159 min Scan# 970
 Delta R.T. 0.003 min
 Lab File: VV030430.D
 Acq: 07 Apr 2023 09:29

Tgt Ion: 128 Resp: 24055

Ion	Ratio	Lower	Upper
128	100		
49	152.0	119.4	221.8
130	127.8	89.2	165.8
51	48.1	44.8	67.2





#25

Chloroform

Concen: 4.895 ug/L

RT: 4.285 min Scan# 1009

Delta R.T. -0.000 min

Lab File: VV030430.D

Acq: 07 Apr 2023 09:29

Instrument :

MSVOA_V

ClientSampleId :

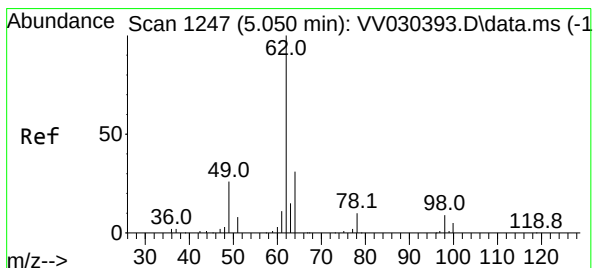
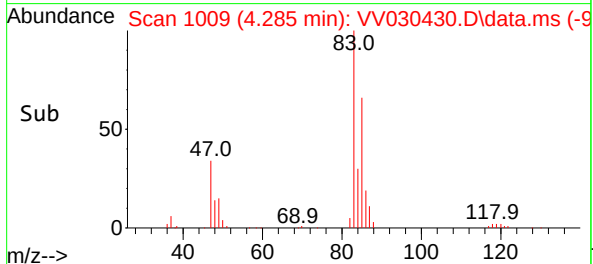
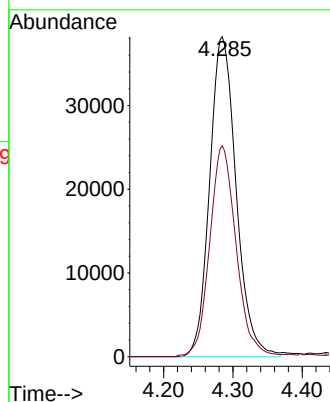
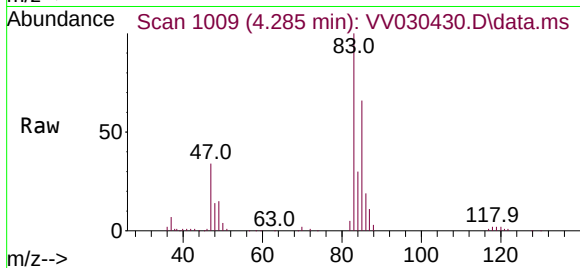
VSTD005324

Tgt Ion: 83 Resp: 101656

Ion Ratio Lower Upper

83 100

85 65.9 47.6 88.4



#27

1,2-Dichloroethane

Concen: 5.025 ug/L

RT: 5.050 min Scan# 1247

Delta R.T. -0.000 min

Lab File: VV030430.D

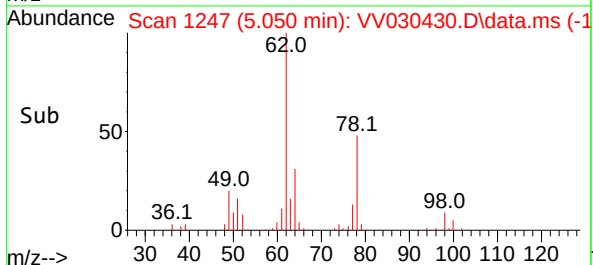
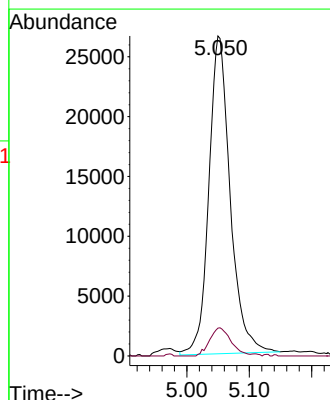
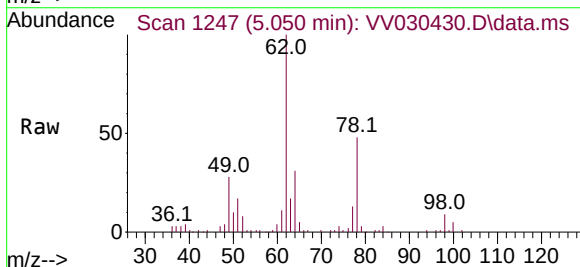
Acq: 07 Apr 2023 09:29

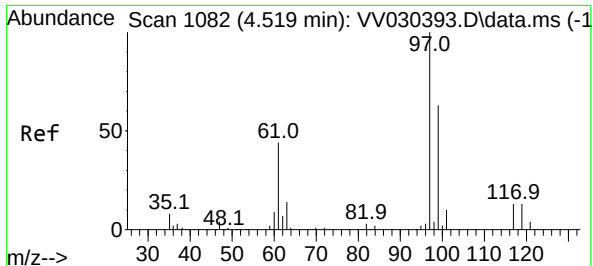
Tgt Ion: 62 Resp: 63096

Ion Ratio Lower Upper

62 100

98 8.7 7.8 11.8





#29

1,1,1-Trichloroethane

Concen: 4.989 ug/L

RT: 4.519 min Scan# 1105

Delta R.T. -0.003 min

Lab File: VV030430.D

Acq: 07 Apr 2023 09:29

Instrument :

MSVOA_V

ClientSampleId :

VSTD005324

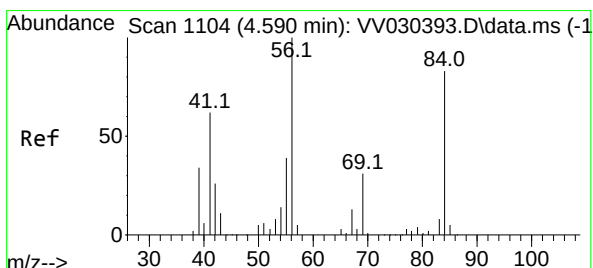
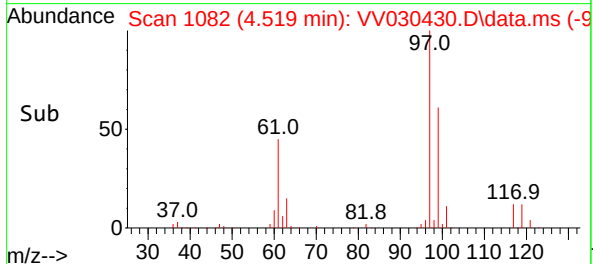
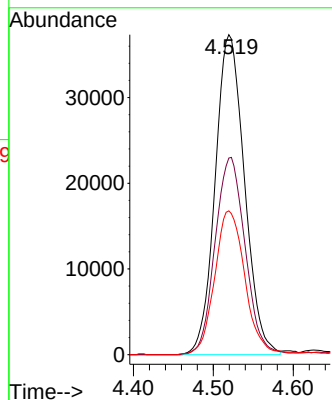
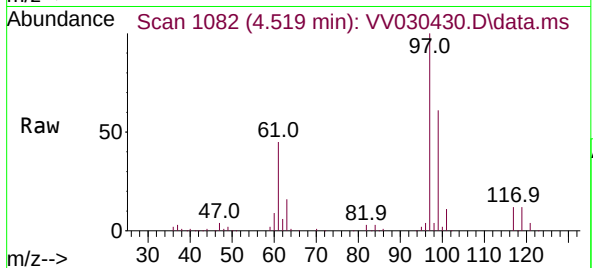
Tgt Ion: 97 Resp: 95114

Ion Ratio Lower Upper

97 100

99 63.2 50.9 76.3

61 46.4 35.9 53.9



#30

Cyclohexane

Concen: 4.281 ug/L

RT: 4.593 min Scan# 1105

Delta R.T. -0.000 min

Lab File: VV030430.D

Acq: 07 Apr 2023 09:29

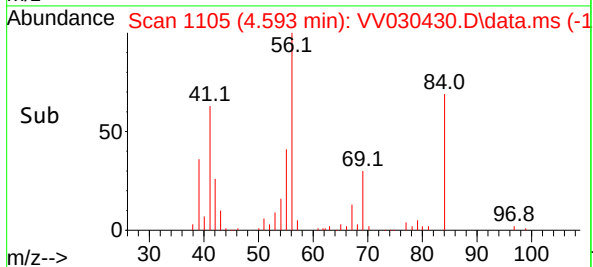
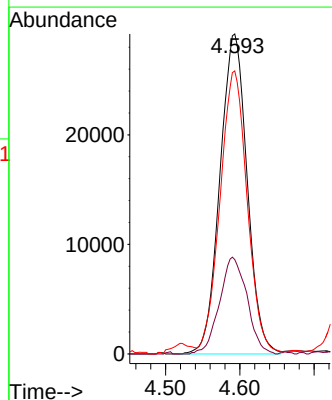
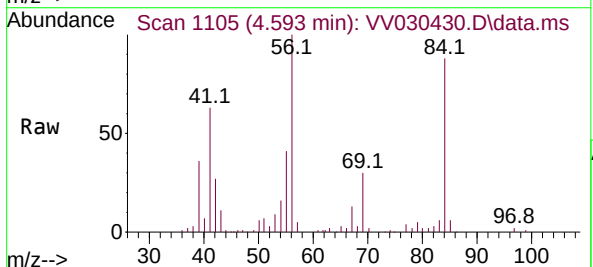
Tgt Ion: 56 Resp: 74351

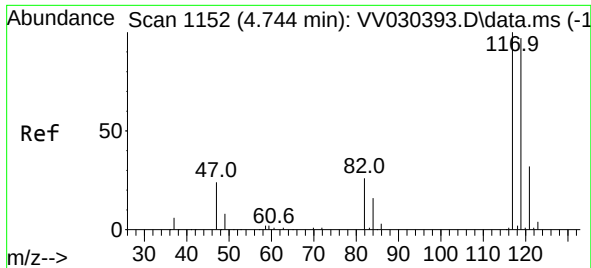
Ion Ratio Lower Upper

56 100

69 30.6 24.2 36.2

84 87.4 66.6 100.0

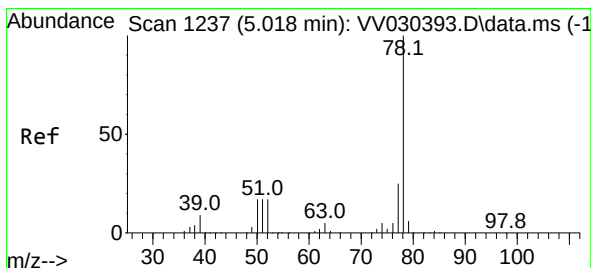
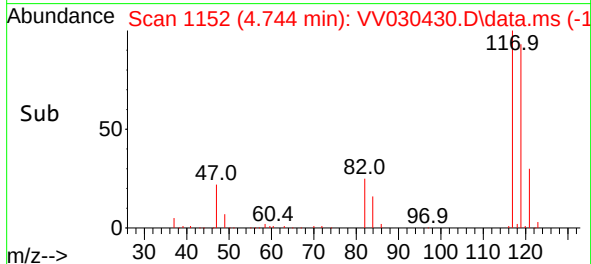
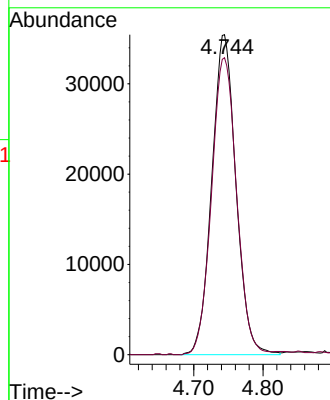
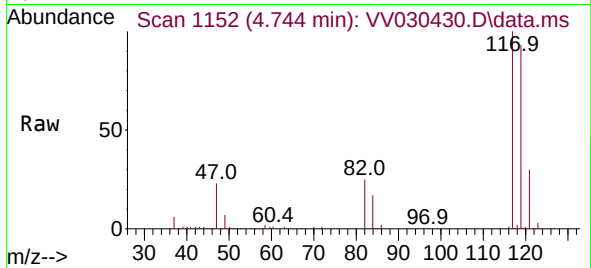




#31
Carbon tetrachloride
Concen: 4.971 ug/L
RT: 4.744 min Scan# 1152
Delta R.T. -0.000 min
Lab File: VV030430.D
Acq: 07 Apr 2023 09:29

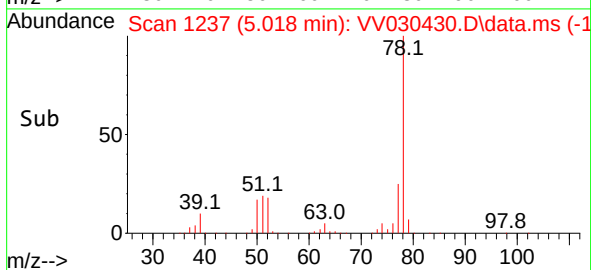
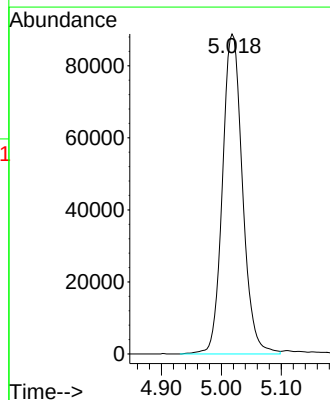
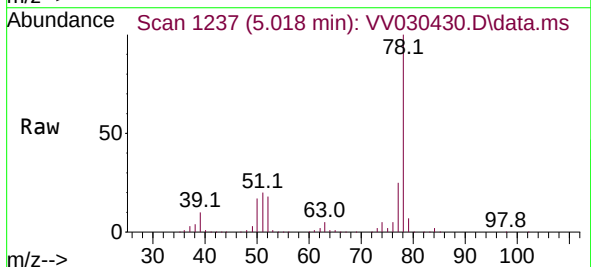
Instrument : MSVOA_V
ClientSampleId : VSTD005324

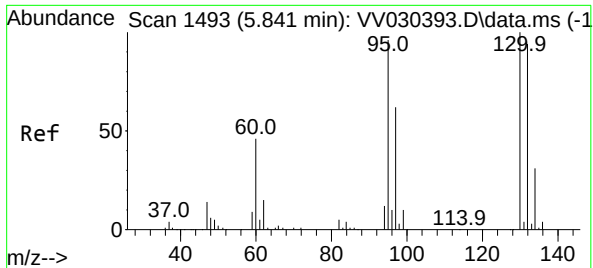
Tgt Ion:117 Resp: 85997
Ion Ratio Lower Upper
117 100
119 96.2 76.2 114.4



#33
Benzene
Concen: 4.891 ug/L
RT: 5.018 min Scan# 1237
Delta R.T. -0.000 min
Lab File: VV030430.D
Acq: 07 Apr 2023 09:29

Tgt Ion: 78 Resp: 206041

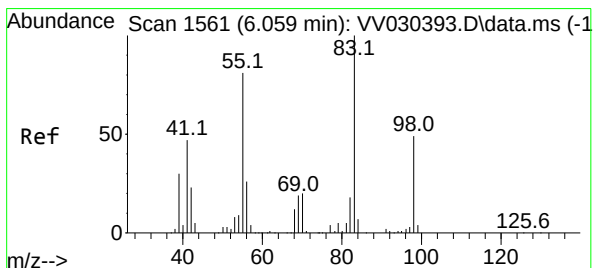
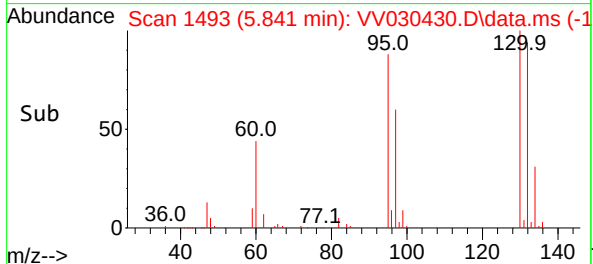
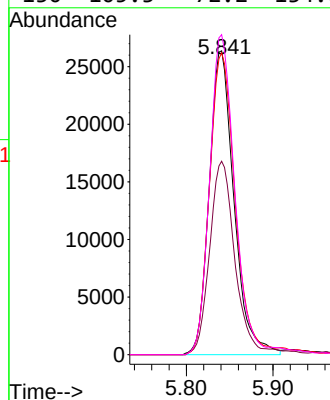
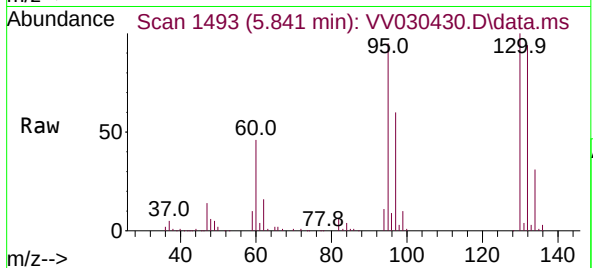




#34
Trichloroethene
Concen: 4.607 ug/L
RT: 5.841 min Scan# 1493
Delta R.T. -0.000 min
Lab File: VV030430.D
Acq: 07 Apr 2023 09:29

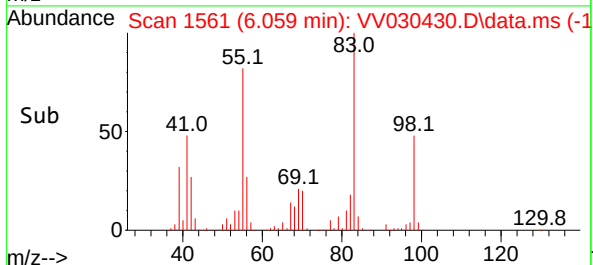
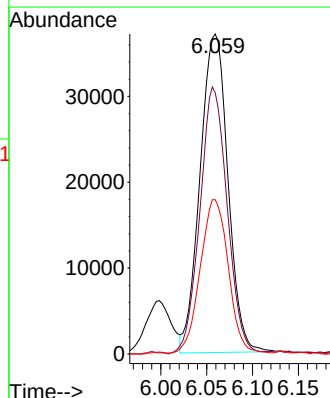
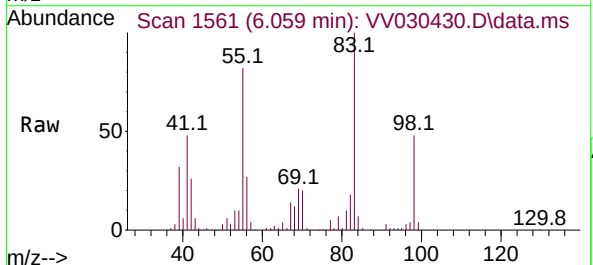
Instrument :
MSVOA_V
ClientSampleId :
VSTD005324

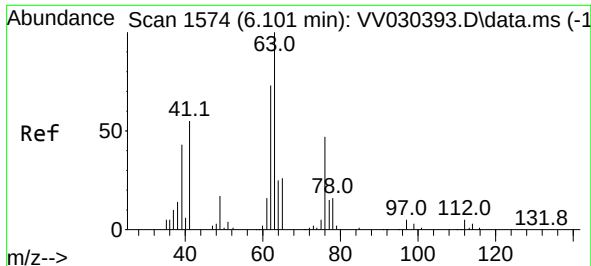
Tgt Ion: 95 Resp: 52345
Ion Ratio Lower Upper
95 100
97 63.7 44.2 82.2
132 99.4 69.5 129.1
130 105.3 72.2 134.0



#35
Methylcyclohexane
Concen: 4.404 ug/L
RT: 6.059 min Scan# 1561
Delta R.T. -0.000 min
Lab File: VV030430.D
Acq: 07 Apr 2023 09:29

Tgt Ion: 83 Resp: 78540
Ion Ratio Lower Upper
83 100
55 82.2 66.6 100.0
98 48.2 38.6 58.0





#37

1,2-Dichloropropane

Concen: 4.905 ug/L

RT: 6.101 min Scan# 1

Delta R.T. -0.000 min

Lab File: VV030430.D

Acq: 07 Apr 2023 09:29

Instrument :

MSVOA_V

ClientSampleId :

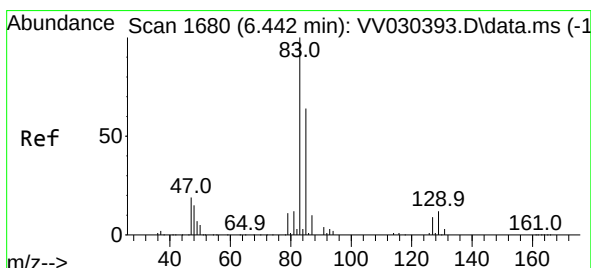
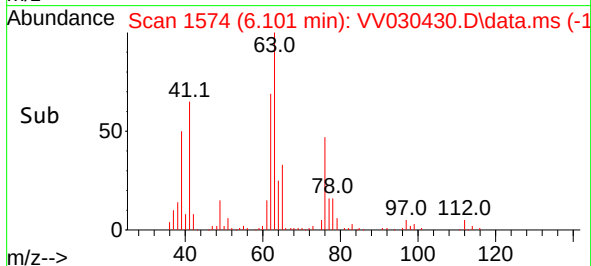
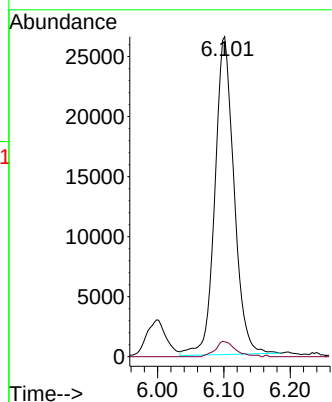
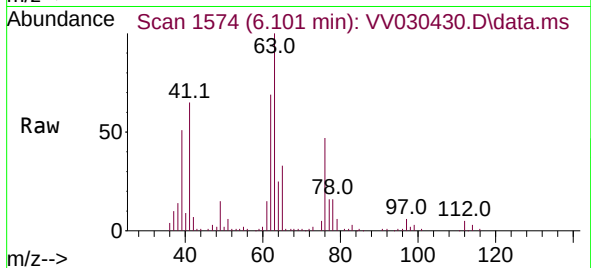
VSTD005324

Tgt Ion: 63 Resp: 53046

Ion Ratio Lower Upper

63 100

112 5.0 3.9 5.9



#38

Bromodichloromethane

Concen: 4.957 ug/L

RT: 6.439 min Scan# 1679

Delta R.T. -0.000 min

Lab File: VV030430.D

Acq: 07 Apr 2023 09:29

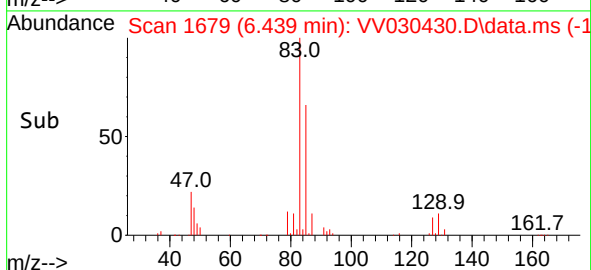
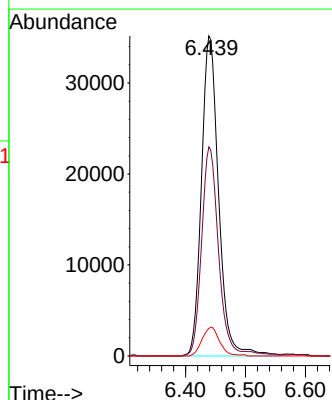
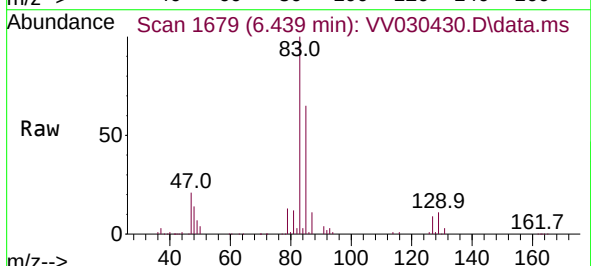
Tgt Ion: 83 Resp: 70203

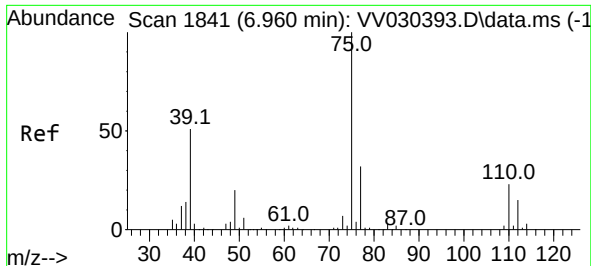
Ion Ratio Lower Upper

83 100

85 65.3 45.3 84.1

127 8.6 7.0 10.4

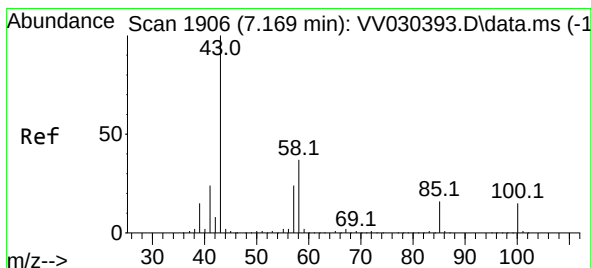
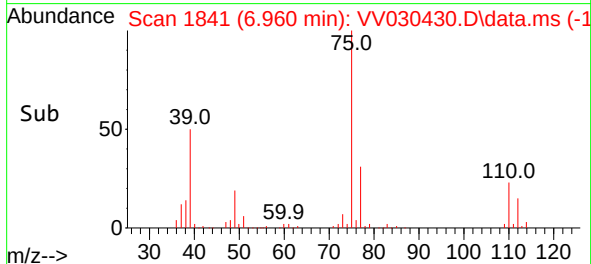
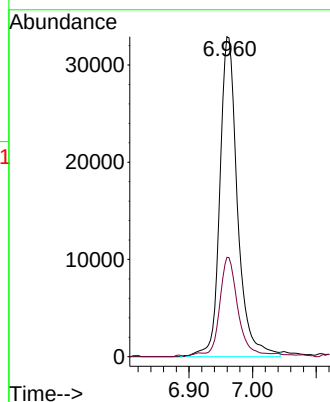
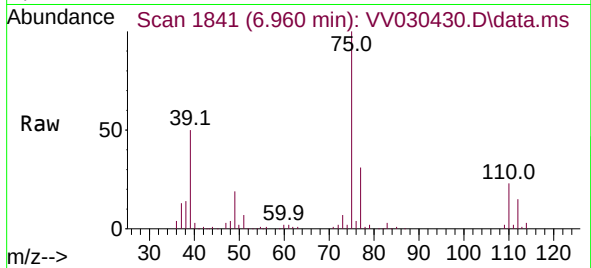




#39
 cis-1,3-Dichloropropene
 Concen: 4.182 ug/L
 RT: 6.960 min Scan# 1841
 Delta R.T. -0.000 min
 Lab File: VV030430.D
 Acq: 07 Apr 2023 09:29

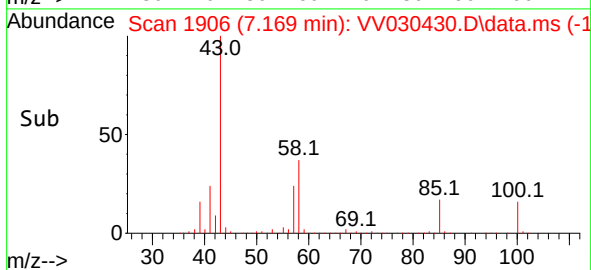
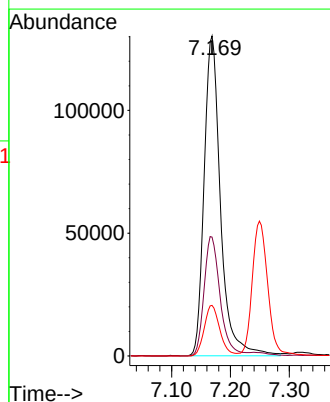
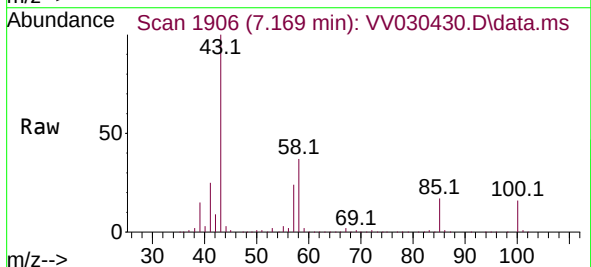
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005324

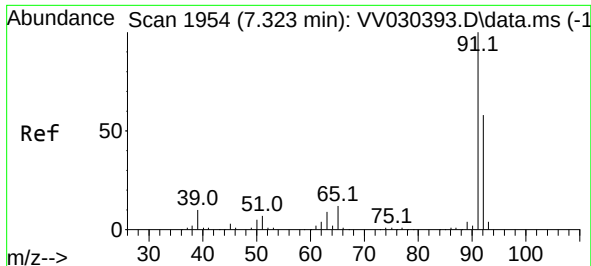
Tgt Ion: 75 Resp: 63604
 Ion Ratio Lower Upper
 75 100
 77 31.0 22.0 41.0



#40
 4-Methyl-2-pentanone
 Concen: 44.220 ug/L
 RT: 7.169 min Scan# 1906
 Delta R.T. 0.003 min
 Lab File: VV030430.D
 Acq: 07 Apr 2023 09:29

Tgt Ion: 43 Resp: 252019
 Ion Ratio Lower Upper
 43 100
 58 36.7 28.8 43.2
 100 15.0 10.7 16.1





#42

Toluene

Concen: 5.091 ug/L

RT: 7.323 min Scan# 1954

Delta R.T. -0.000 min

Lab File: VV030430.D

Acq: 07 Apr 2023 09:29

Instrument :

MSVOA_V

ClientSampleId :

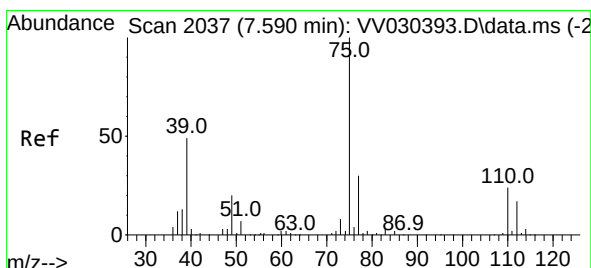
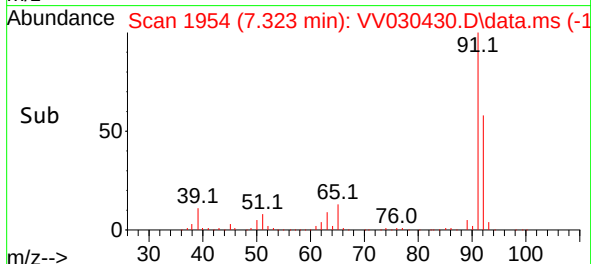
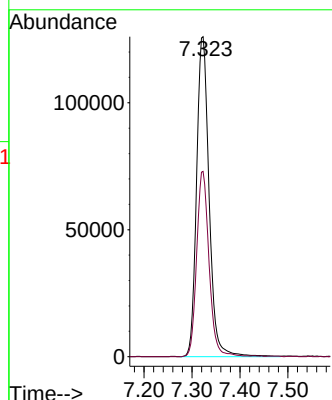
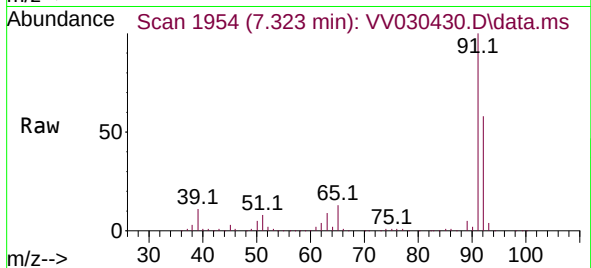
VSTD005324

Tgt Ion: 91 Resp: 228444

Ion Ratio Lower Upper

91 100

92 57.9 40.4 75.0



#44

trans-1,3-Dichloropropene

Concen: 4.194 ug/L

RT: 7.590 min Scan# 2037

Delta R.T. -0.000 min

Lab File: VV030430.D

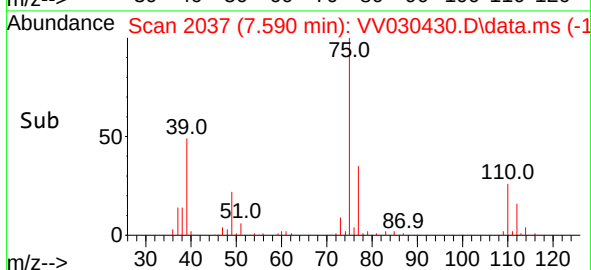
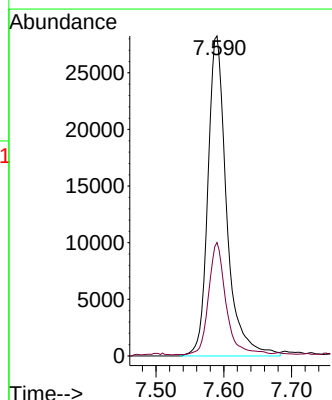
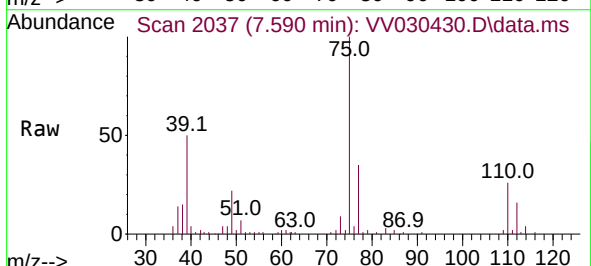
Acq: 07 Apr 2023 09:29

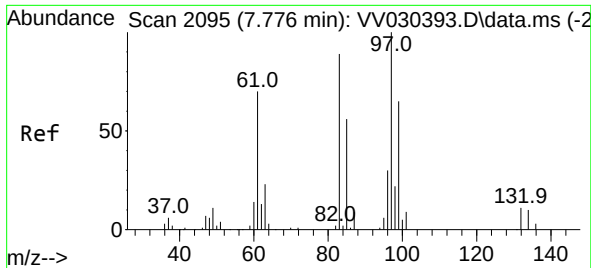
Tgt Ion: 75 Resp: 54276

Ion Ratio Lower Upper

75 100

77 35.4 21.2 39.4

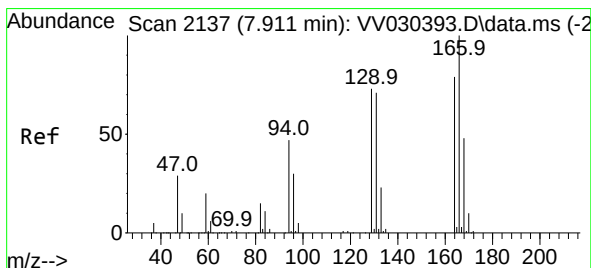
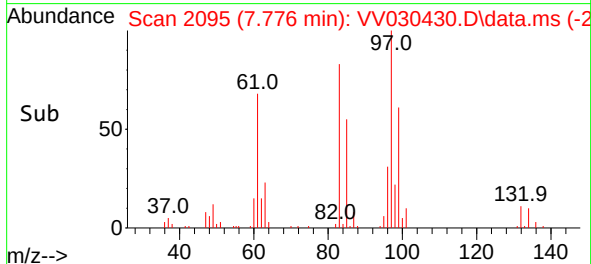
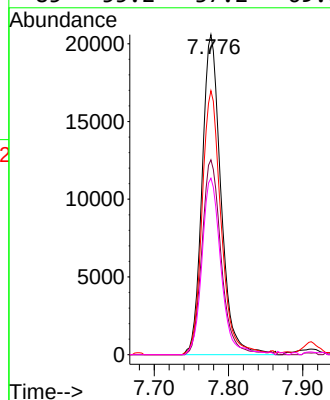
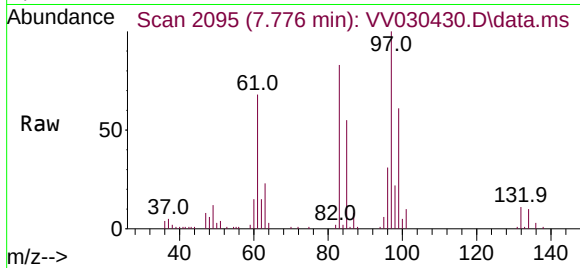




#45
1,1,2-Trichloroethane
Concen: 4.775 ug/L
RT: 7.776 min Scan# 2095
Delta R.T. -0.000 min
Lab File: VV030430.D
Acq: 07 Apr 2023 09:29

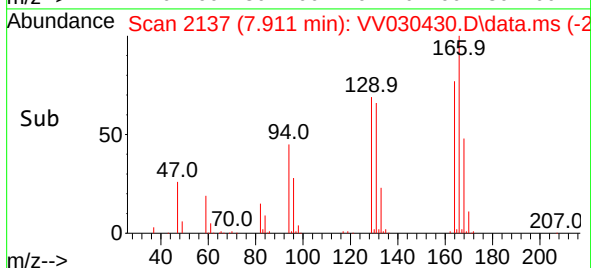
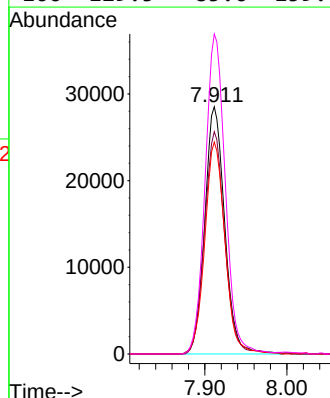
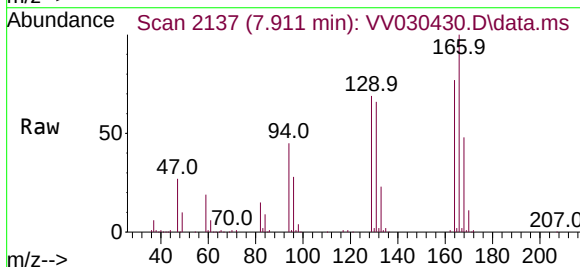
Instrument :
MSVOA_V
ClientSampleId :
VSTD005324

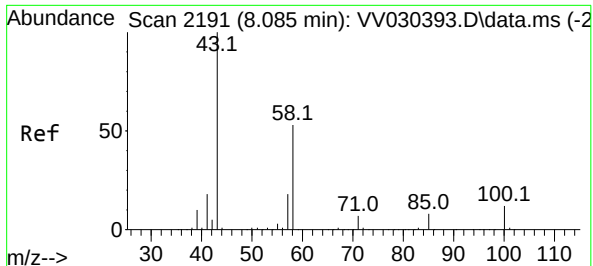
Tgt Ion: 97	Resp: 36361
Ion Ratio	Lower Upper
97 100	
99 60.9	44.0 81.8
83 82.5	58.8 109.2
85 55.2	37.2 69.0



#47
Tetrachloroethene
Concen: 4.811 ug/L
RT: 7.911 min Scan# 2137
Delta R.T. -0.000 min
Lab File: VV030430.D
Acq: 07 Apr 2023 09:29

Tgt	Ion:164	Resp:	48239
Ion	Ratio	Lower	Upper
164	100		
129	89.9	60.8	112.8
131	85.7	61.7	114.7
166	129.5	85.6	159.0



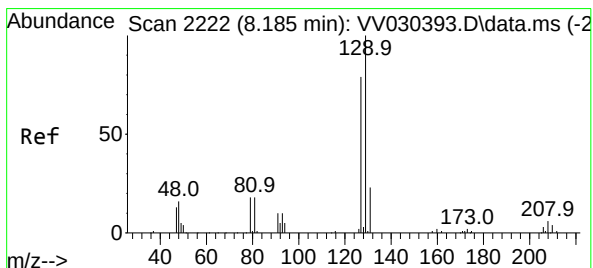
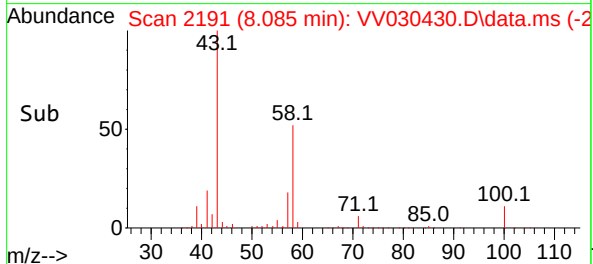
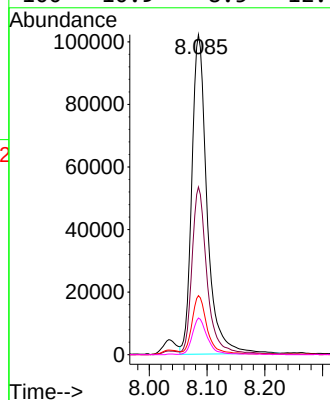
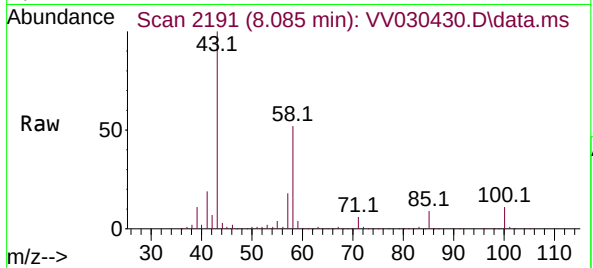


#48
2-Hexanone
Concen: 43.811 ug/L
RT: 8.085 min Scan# 2191
Delta R.T. -0.000 min
Lab File: VV030430.D
Acq: 07 Apr 2023 09:29

Instrument :
MSVOA_V
ClientSampleId :
VSTD005324

Tgt Ion: 43 Resp: 186999

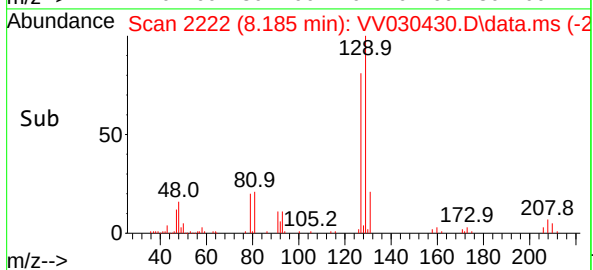
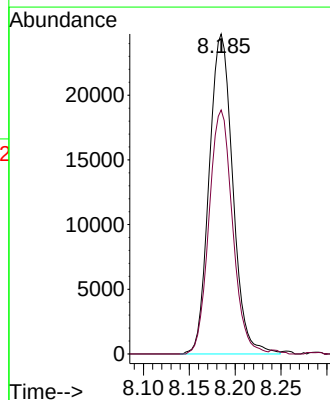
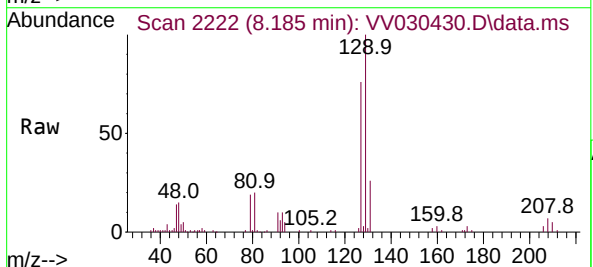
Ion	Ratio	Lower	Upper
43	100		
58	51.9	40.3	60.5
57	18.0	14.6	22.0
100	10.9	8.5	12.7

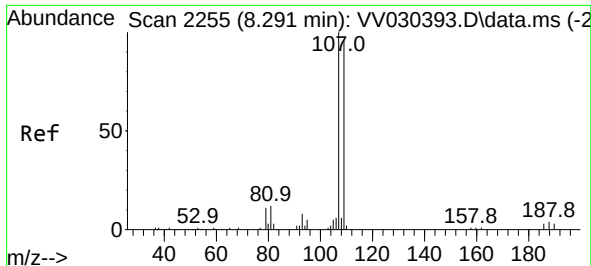


#49
Dibromochloromethane
Concen: 4.887 ug/L
RT: 8.185 min Scan# 2222
Delta R.T. -0.000 min
Lab File: VV030430.D
Acq: 07 Apr 2023 09:29

Tgt Ion: 129 Resp: 44301

Ion	Ratio	Lower	Upper
129	100		
127	76.2	52.7	97.9





#50

1,2-Dibromoethane

Concen: 4.569 ug/L

RT: 8.291 min Scan# 21

Delta R.T. -0.000 min

Lab File: VV030430.D

Acq: 07 Apr 2023 09:29

Instrument :

MSVOA_V

ClientSampleId :

VSTD005324

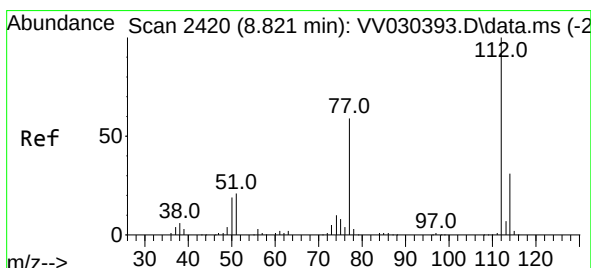
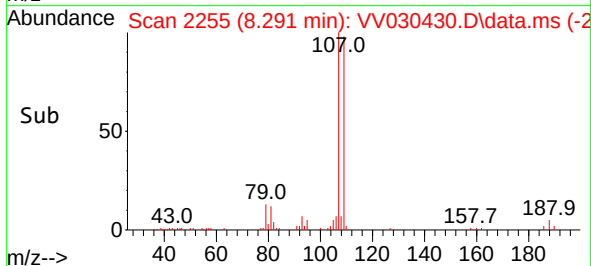
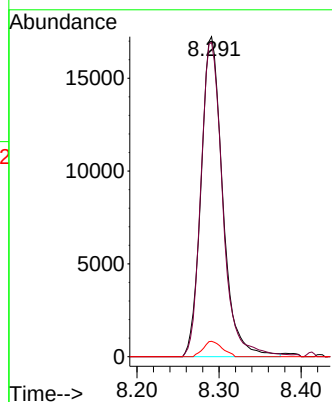
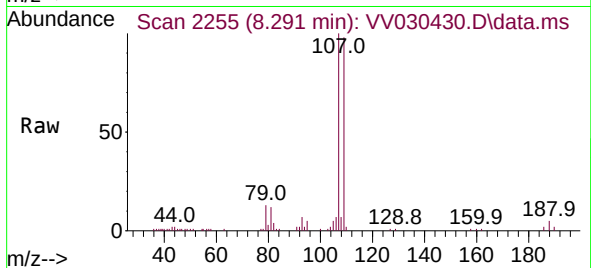
Tgt Ion:107 Resp: 31659

Ion Ratio Lower Upper

107 100

109 98.2 62.9 116.9

188 4.8 3.0 4.6#



#51

Chlorobenzene

Concen: 4.921 ug/L

RT: 8.821 min Scan# 2420

Delta R.T. -0.000 min

Lab File: VV030430.D

Acq: 07 Apr 2023 09:29

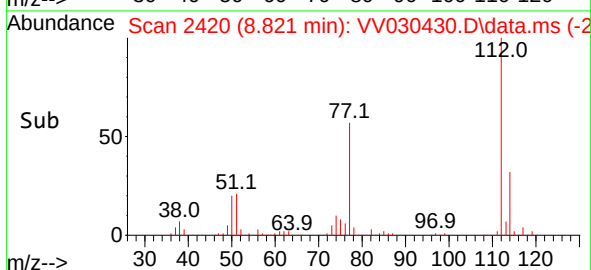
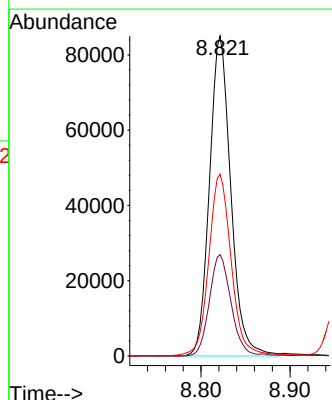
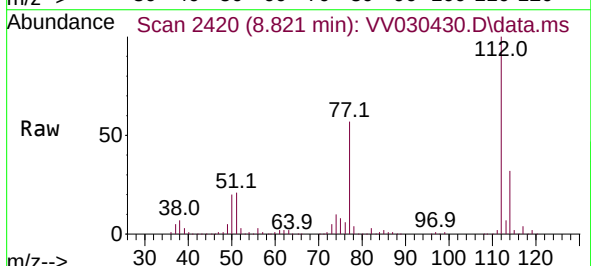
Tgt Ion:112 Resp: 141397

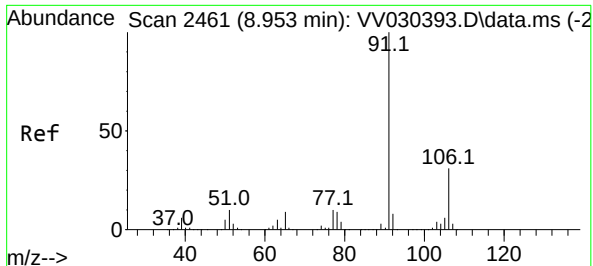
Ion Ratio Lower Upper

112 100

114 31.6 22.4 41.6

77 56.8 45.9 68.9

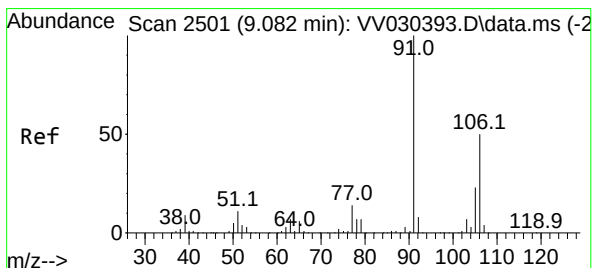
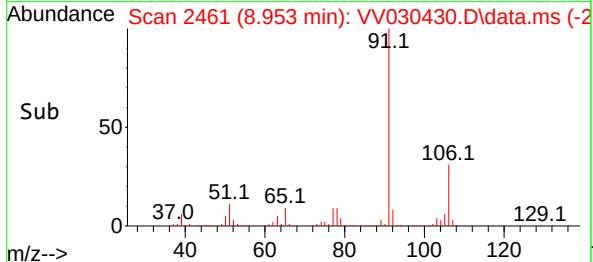
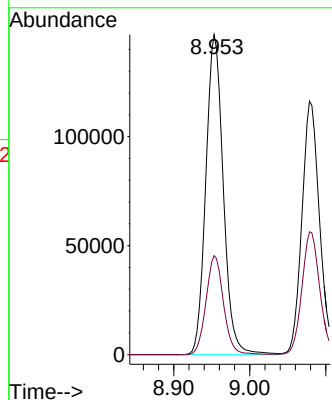
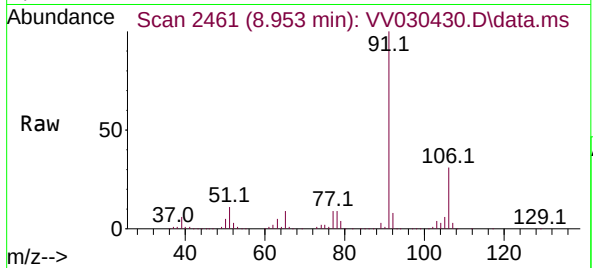




#52
Ethylbenzene
Concen: 4.768 ug/L
RT: 8.953 min Scan# 2461
Delta R.T. -0.000 min
Lab File: VV030430.D
Acq: 07 Apr 2023 09:29

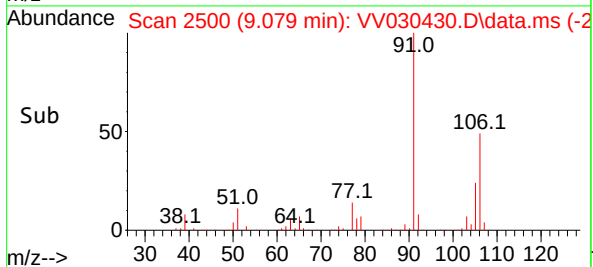
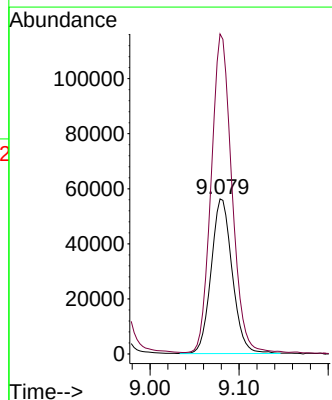
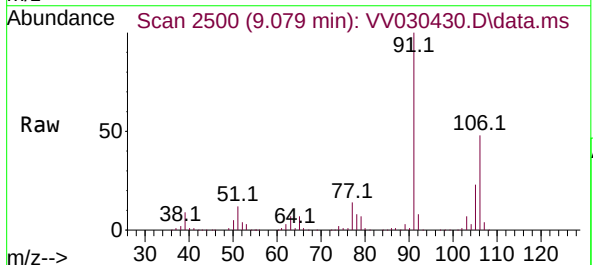
Instrument :
MSVOA_V
ClientSampleId :
VSTD005324

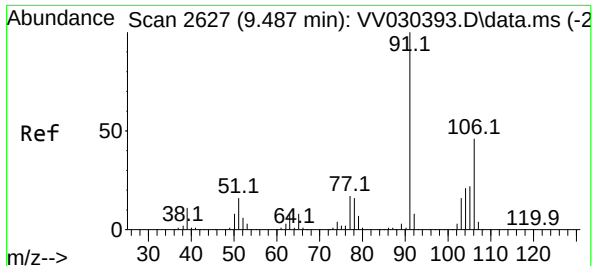
Tgt Ion: 91 Resp: 234065
Ion Ratio Lower Upper
91 100
106 30.9 22.2 41.2



#53
m,p-Xylene
Concen: 4.903 ug/L
RT: 9.079 min Scan# 2500
Delta R.T. -0.000 min
Lab File: VV030430.D
Acq: 07 Apr 2023 09:29

Tgt Ion: 106 Resp: 92141
Ion Ratio Lower Upper
106 100
91 206.3 142.4 264.4

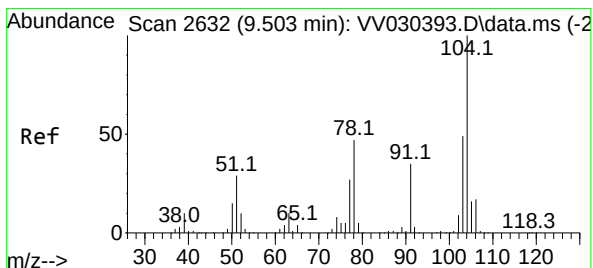
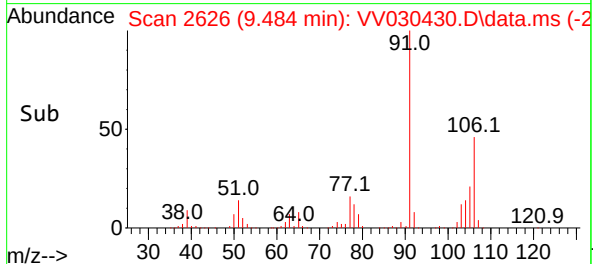
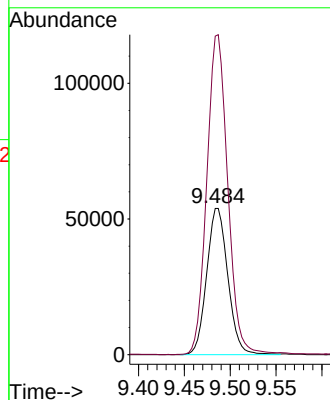
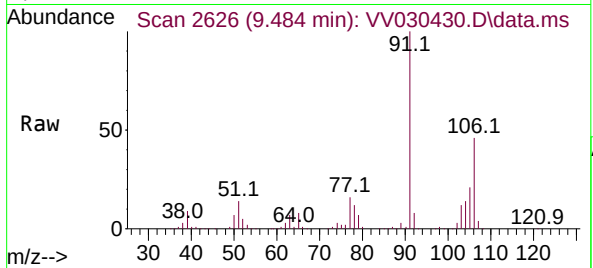




#54
o-Xylene
Concen: 4.817 ug/L
RT: 9.484 min Scan# 2626
Delta R.T. -0.003 min
Lab File: VV030430.D
Acq: 07 Apr 2023 09:29

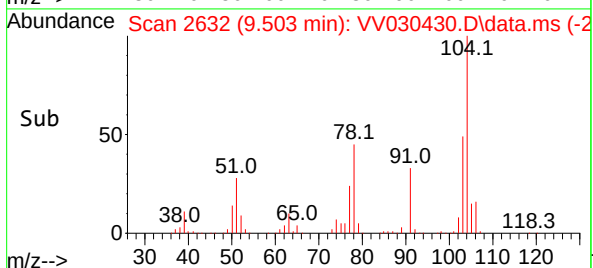
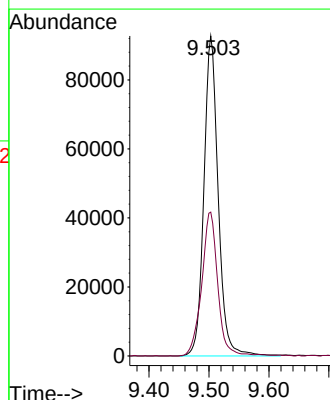
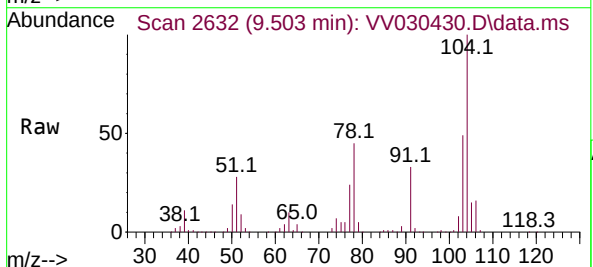
Instrument :
MSVOA_V
ClientSampleId :
VSTD005324

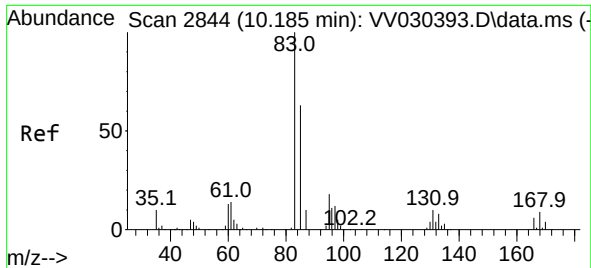
Tgt Ion:106 Resp: 86620
Ion Ratio Lower Upper
106 100
91 217.7 149.8 278.2



#55
Styrene
Concen: 5.048 ug/L
RT: 9.503 min Scan# 2632
Delta R.T. -0.000 min
Lab File: VV030430.D
Acq: 07 Apr 2023 09:29

Tgt Ion:104 Resp: 154167
Ion Ratio Lower Upper
104 100
78 44.9 31.9 59.2





#57

1,1,2,2-Tetrachloroethane

Concen: 4.476 ug/L

RT: 10.188 min Scan# 2844

Delta R.T. 0.003 min

Lab File: VV030430.D

Acq: 07 Apr 2023 09:29

Instrument :

MSVOA_V

ClientSampleId :

VSTD005324

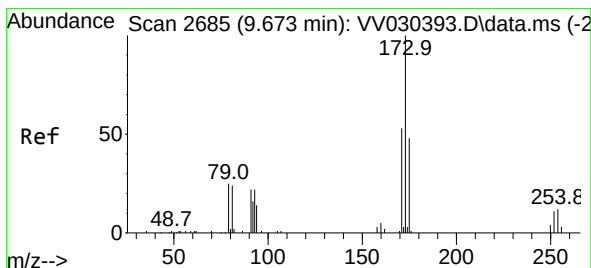
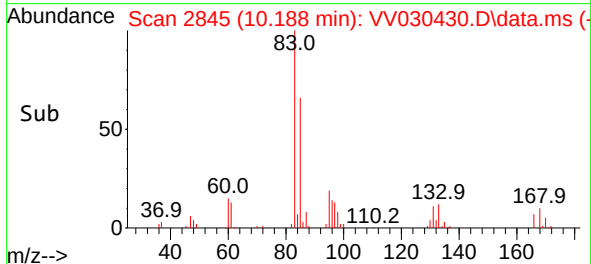
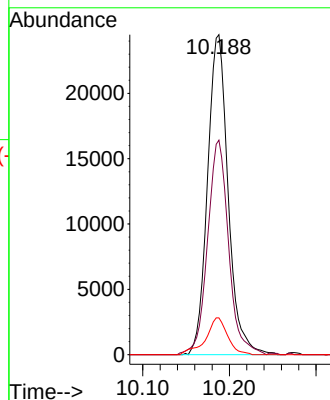
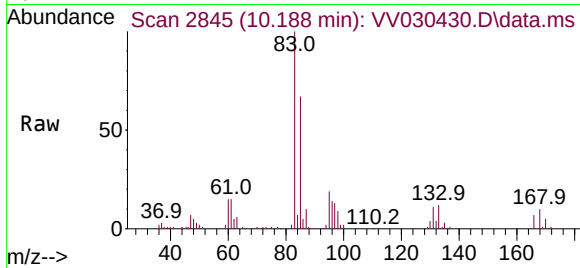
Tgt Ion: 83 Resp: 40461

Ion Ratio Lower Upper

83 100

85 67.1 45.3 84.1

131 11.5 8.2 12.4



#59

Bromoform

Concen: 4.849 ug/L

RT: 9.673 min Scan# 2685

Delta R.T. -0.000 min

Lab File: VV030430.D

Acq: 07 Apr 2023 09:29

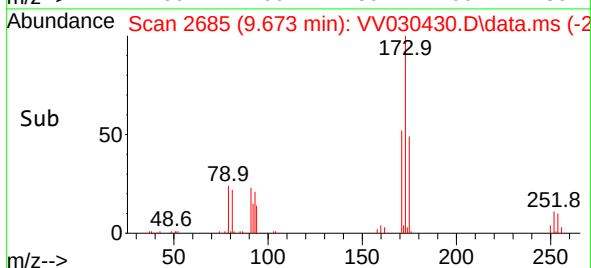
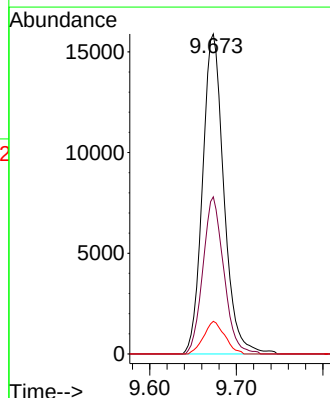
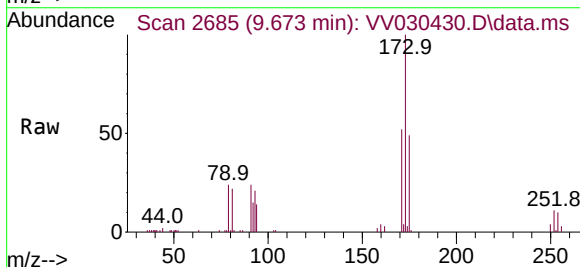
Tgt Ion: 173 Resp: 27166

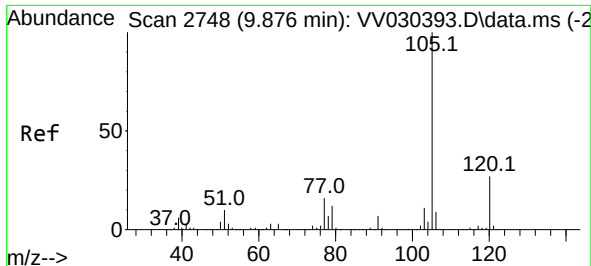
Ion Ratio Lower Upper

173 100

175 48.1 39.0 58.4

254 10.1 8.2 12.4

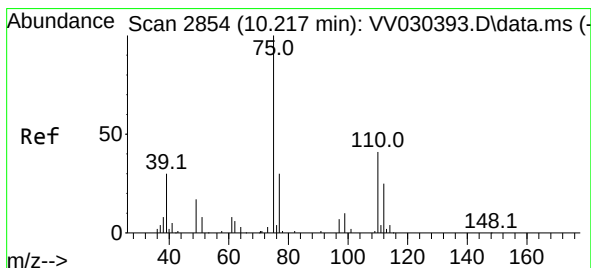
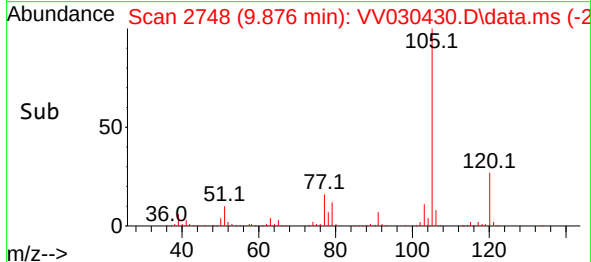
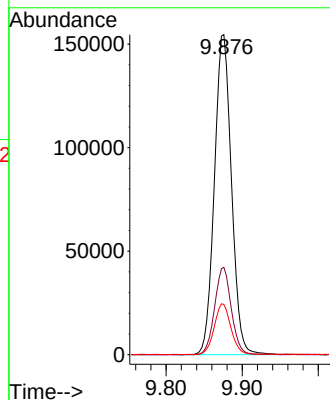
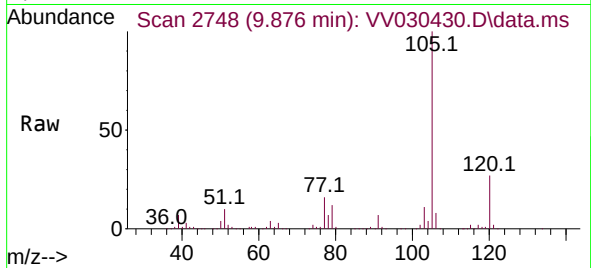




#60
Isopropylbenzene
Concen: 4.713 ug/L
RT: 9.876 min Scan# 21
Delta R.T. -0.000 min
Lab File: VV030430.D
Acq: 07 Apr 2023 09:29

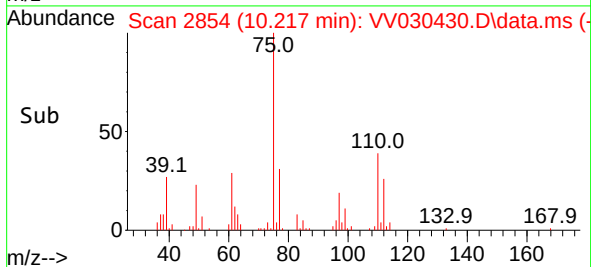
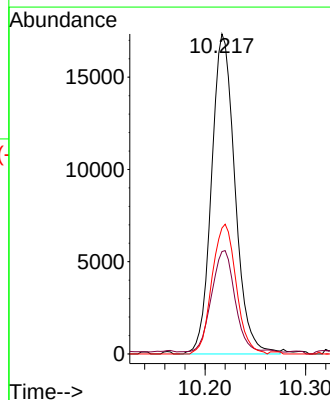
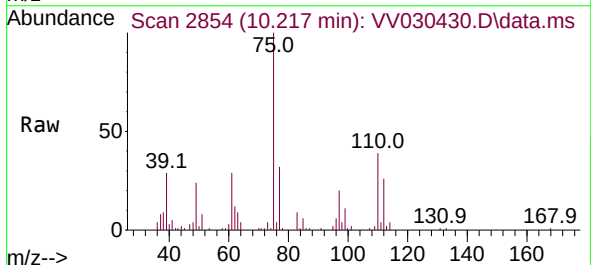
Instrument :
MSVOA_V
ClientSampleId :
VSTD005324

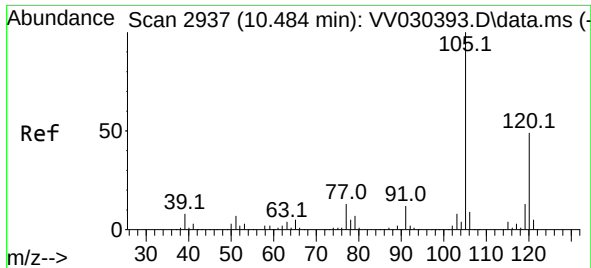
Tgt Ion:105 Resp: 240931
Ion Ratio Lower Upper
105 100
120 26.6 21.1 31.7
77 15.4 12.9 19.3



#61
1,2,3-Trichloropropane
Concen: 4.539 ug/L
RT: 10.217 min Scan# 2854
Delta R.T. -0.000 min
Lab File: VV030430.D
Acq: 07 Apr 2023 09:29

Tgt Ion: 75 Resp: 28129
Ion Ratio Lower Upper
75 100
77 31.3 26.0 39.0
110 41.6 31.6 47.4

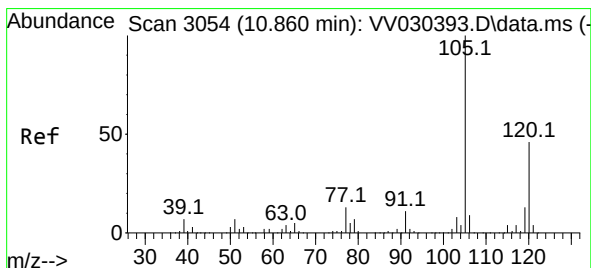
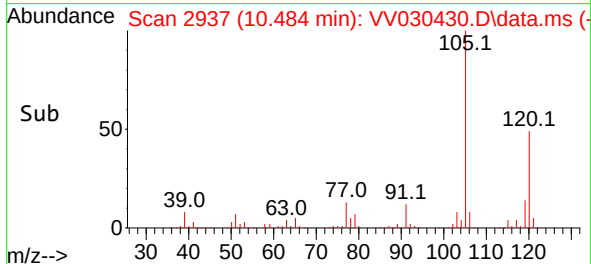
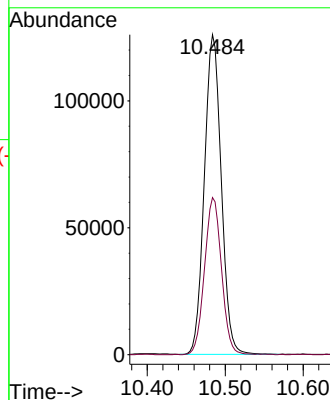
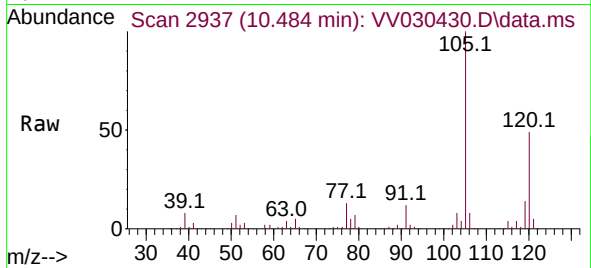




#62
1,3,5-Trimethylbenzene
Concen: 4.560 ug/L
RT: 10.484 min Scan# 2937
Delta R.T. -0.000 min
Lab File: VV030430.D
Acq: 07 Apr 2023 09:29

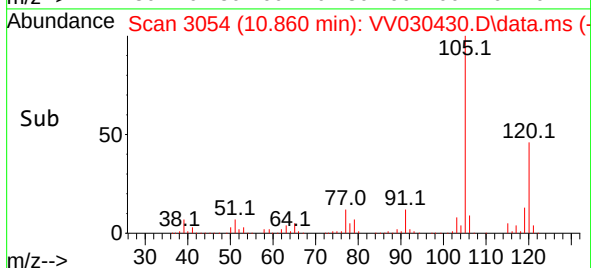
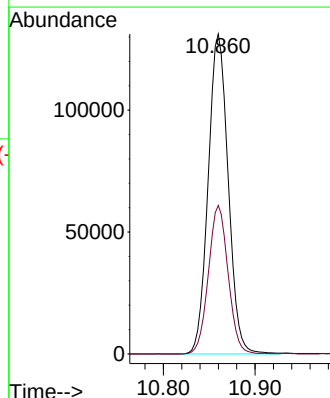
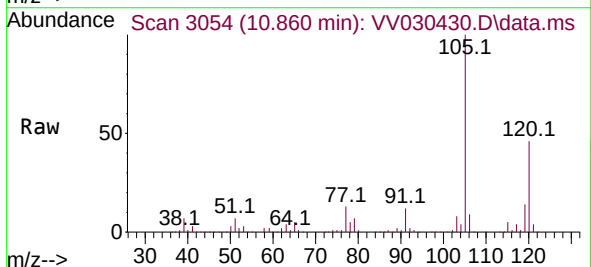
Instrument :
MSVOA_V
ClientSampleId :
VSTD005324

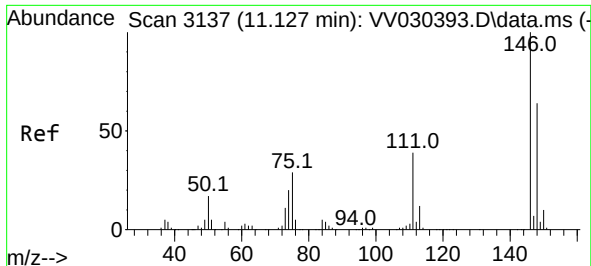
Tgt Ion:105 Resp: 190201
Ion Ratio Lower Upper
105 100
120 49.3 38.9 58.3



#63
1,2,4-Trimethylbenzene
Concen: 4.684 ug/L
RT: 10.860 min Scan# 3054
Delta R.T. -0.000 min
Lab File: VV030430.D
Acq: 07 Apr 2023 09:29

Tgt Ion:105 Resp: 199150
Ion Ratio Lower Upper
105 100
120 45.7 36.8 55.2

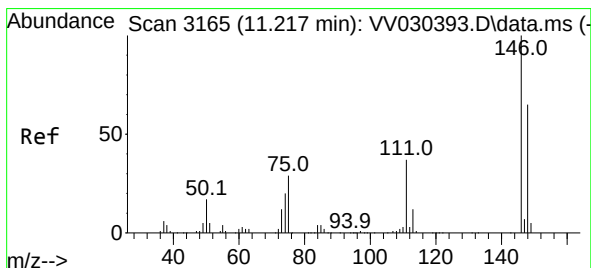
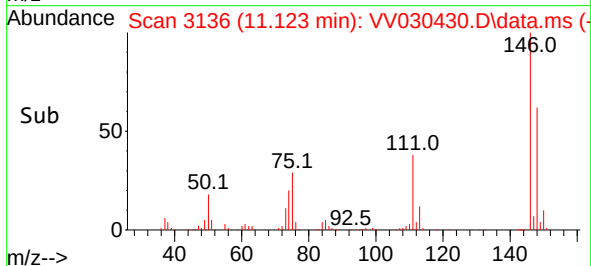
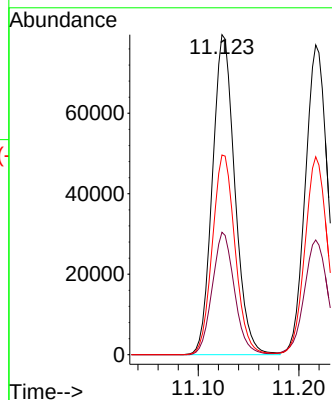
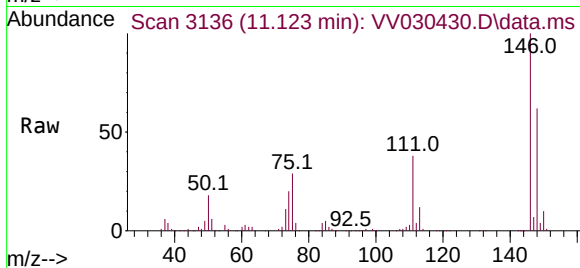




#64
1,3-Dichlorobenzene
Concen: 4.847 ug/L
RT: 11.123 min Scan# 3113
Delta R.T. -0.000 min
Lab File: VV030430.D
Acq: 07 Apr 2023 09:29

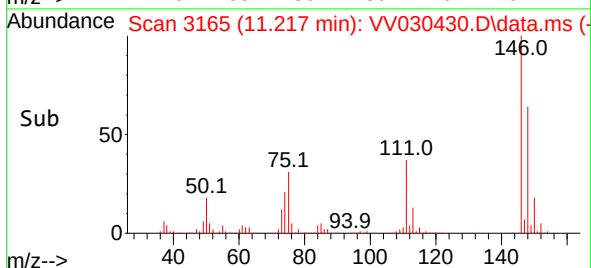
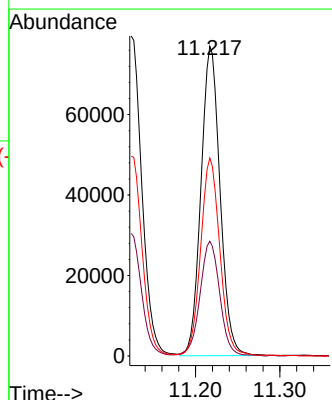
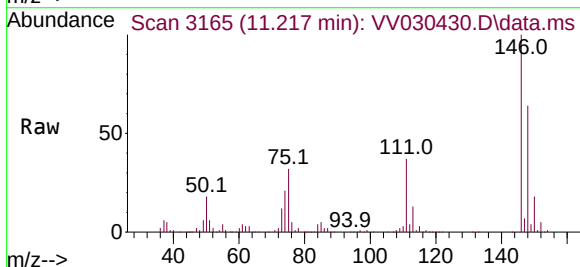
Instrument :
MSVOA_V
ClientSampleId :
VSTD005324

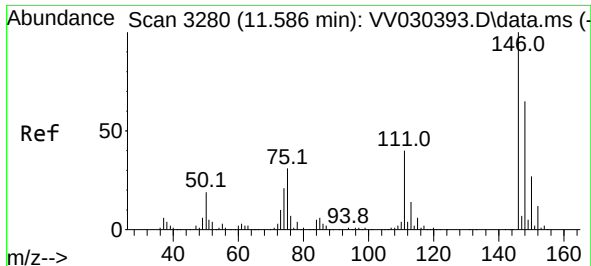
Tgt Ion:146 Resp: 123552
Ion Ratio Lower Upper
146 100
111 38.3 27.0 50.2
148 62.4 44.2 82.2



#65
1,4-Dichlorobenzene
Concen: 4.727 ug/L
RT: 11.217 min Scan# 3165
Delta R.T. -0.000 min
Lab File: VV030430.D
Acq: 07 Apr 2023 09:29

Tgt Ion:146 Resp: 121410
Ion Ratio Lower Upper
146 100
111 37.0 26.0 48.4
148 63.9 45.2 84.0

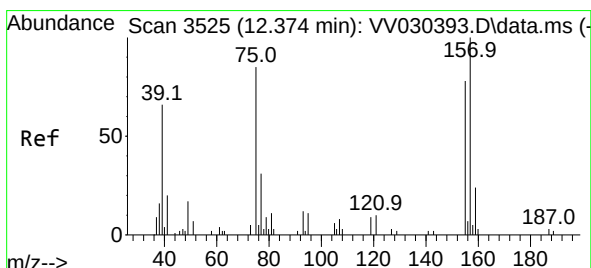
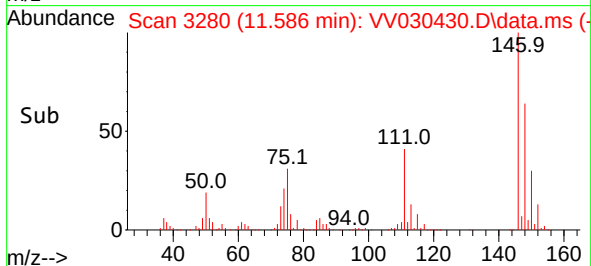
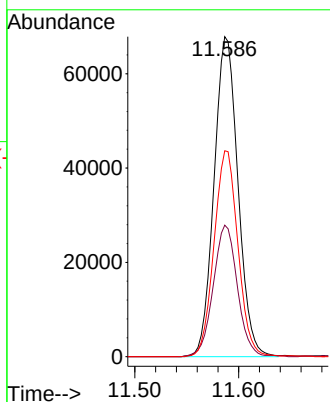
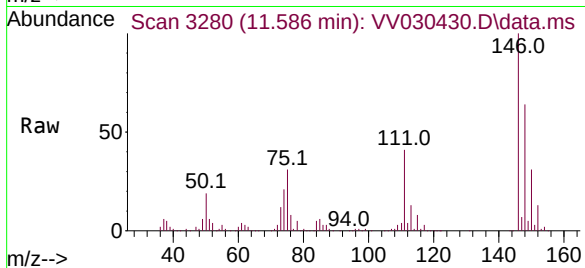




#67
1,2-Dichlorobenzene
Concen: 4.725 ug/L
RT: 11.586 min Scan# 311
Delta R.T. -0.000 min
Lab File: VV030430.D
Acq: 07 Apr 2023 09:29

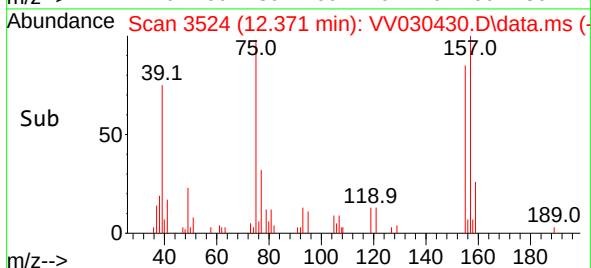
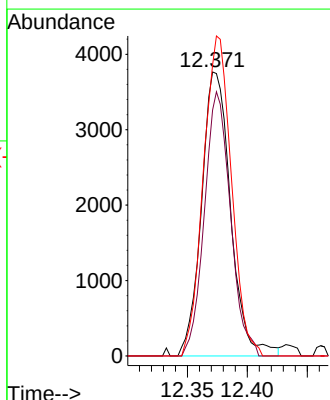
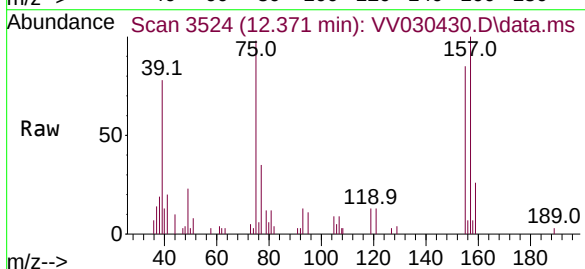
Instrument :
MSVOA_V
ClientSampleId :
VSTD005324

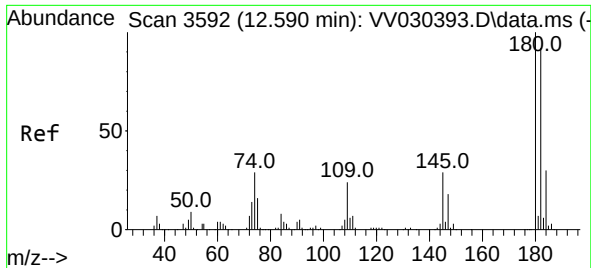
Tgt Ion:146 Resp: 108553
Ion Ratio Lower Upper
146 100
111 41.1 33.1 49.7
148 64.4 52.2 78.2



#68
1,2-Dibromo-3-chloropropane
Concen: 4.127 ug/L
RT: 12.371 min Scan# 3524
Delta R.T. -0.000 min
Lab File: VV030430.D
Acq: 07 Apr 2023 09:29

Tgt Ion: 75 Resp: 6362
Ion Ratio Lower Upper
75 100
155 86.6 64.6 96.8
157 102.5 83.8 125.6

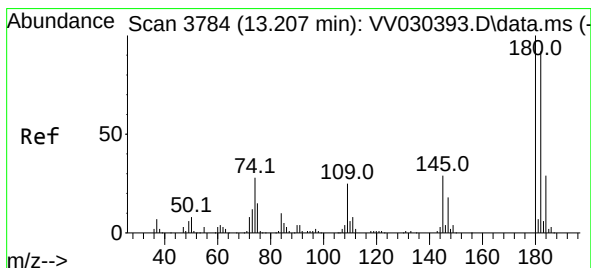
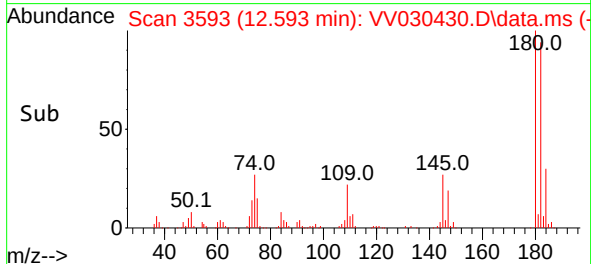
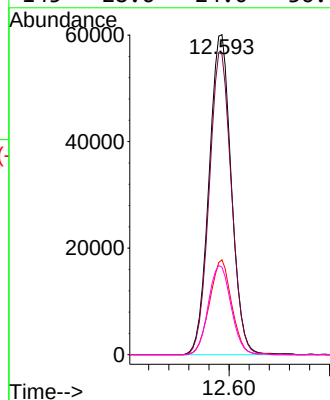
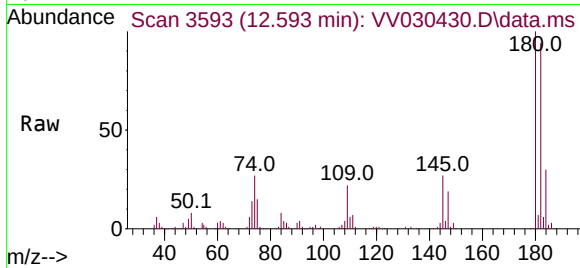




#69
 1,3,5-Trichlorobenzene
 Concen: 4.703 ug/L
 RT: 12.593 min Scan# 3593
 Delta R.T. 0.003 min
 Lab File: VV030430.D
 Acq: 07 Apr 2023 09:29

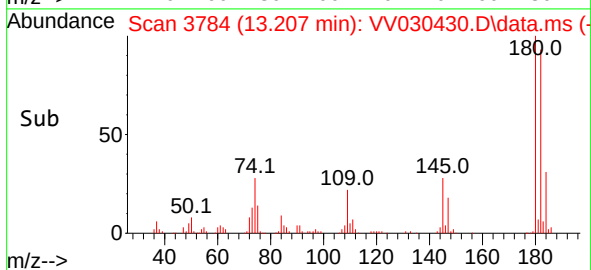
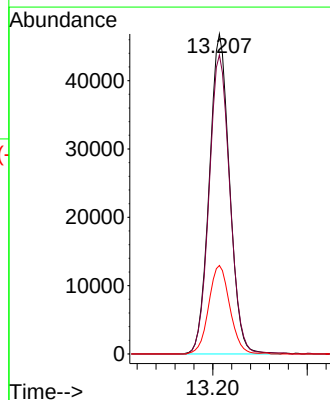
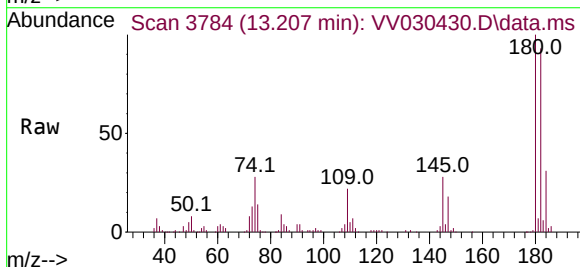
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005324

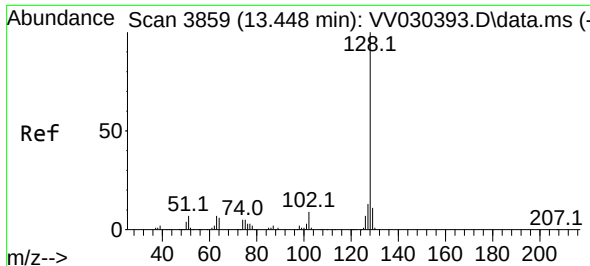
Tgt Ion:180	Resp:	92310
Ion Ratio	Lower	Upper
180	100	
182	94.3	76.5 114.7
184	29.4	24.0 36.0
145	28.6	24.0 36.0



#70
 1,2,4-trichlorobenzene
 Concen: 4.600 ug/L
 RT: 13.207 min Scan# 3784
 Delta R.T. -0.000 min
 Lab File: VV030430.D
 Acq: 07 Apr 2023 09:29

Tgt Ion:180	Resp:	69717
Ion Ratio	Lower	Upper
180	100	
182	96.0	75.3 112.9
145	28.7	23.8 35.6

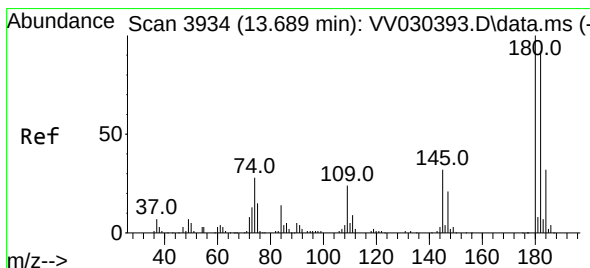
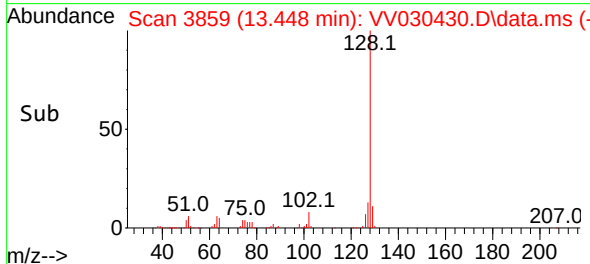
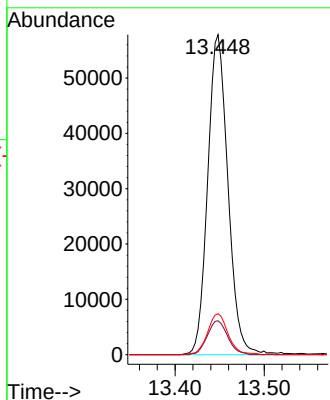
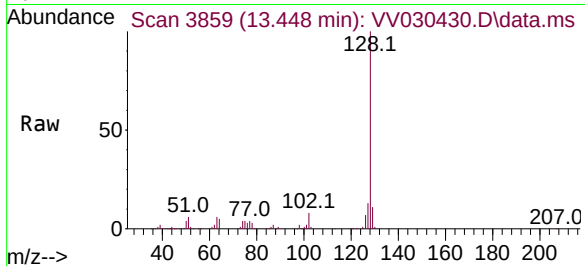




#71
Naphthalene
Concen: 4.217 ug/L
RT: 13.448 min Scan# 3859
Delta R.T. -0.000 min
Lab File: VV030430.D
Acq: 07 Apr 2023 09:29

Instrument :
MSVOA_V
ClientSampleId :
VSTD005324

Tgt Ion:128	Resp:	91269
Ion Ratio	Lower	Upper
128	100	
129	10.6	8.9 13.3
127	13.0	10.8 16.2



#72
1,2,3-Trichlorobenzene
Concen: 4.446 ug/L
RT: 13.689 min Scan# 3934
Delta R.T. -0.000 min
Lab File: VV030430.D
Acq: 07 Apr 2023 09:29

Tgt Ion:180	Resp:	58368
Ion Ratio	Lower	Upper
180	100	
182	95.2	76.6 115.0
145	32.3	25.0 37.4

