

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW033023\
 Data File : VW030371.D
 Acq On : 30 Mar 2023 19:57
 Operator : SY/MD
 Sample : VSTDCCC005EC
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005317

Quant Time: Mar 31 05:44:20 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	5.545	114	139309	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.792	117	137075	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.194	152	79616	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.281	65	33613	3.643	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	72.800%
7) Chloroethane-d5	1.539	69	37352	4.172	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	83.400%
11) 1,1-Dichloroethene-d2	2.066	63	93092	4.252	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	85.000%
20) 2-Butanone-d5	3.818	46	127917	53.639	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	107.280%
24) Chloroform-d	4.262	84	107001	4.792	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.800%
26) 1,2-Dichloroethane-d4	4.953	65	54315	5.155	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	103.200%
32) Benzene-d6	4.969	84	183615	4.754	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.000%
36) 1,2-Dichloropropane-d6	5.998	67	58843	4.866	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	97.400%
41) Toluene-d8	7.252	98	170892	4.818	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.400%
43) trans-1,3-Dichloroprop...	7.561	79	20851	4.579	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	91.600%
46) 2-Hexanone-d5	8.034	63	96987	53.010	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	106.020%
56) 1,1,2,2-Tetrachloroeth...	10.162	84	47082	4.940	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	98.800%
66) 1,2-Dichlorobenzene-d4	11.570	152	67961	4.776	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	95.600%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.108	85	84647	4.780	ug/L	100
3) Chloromethane	1.217	50	102265	4.576	ug/L	99
5) Vinyl chloride	1.285	62	77868	4.780	ug/L	99
6) Bromomethane	1.494	94	25263	5.437	ug/L	98
8) Chloroethane	1.555	64	46156	4.946	ug/L	100
9) Trichlorofluoromethane	1.719	101	121508	5.116	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.076	101	63054	4.810	ug/L	99
12) 1,1-Dichloroethene	2.076	96	56981	4.895	ug/L	88
13) Acetone	2.146	43	91623	40.177	ug/L	84
14) Carbon disulfide	2.246	76	180682	4.712	ug/L	100
15) Methyl Acetate	2.391	43	21089	5.175	ug/L	96
16) Methylene chloride	2.455	84	62935	4.571	ug/L	99
17) Methyl tert-butyl Ether	2.712	73	123458	5.008	ug/L	99
18) trans-1,2-Dichloroethene	2.703	96	59497	4.852	ug/L	96
19) 1,1-Dichloroethane	3.121	63	117424	4.939	ug/L	98
21) 2-Butanone	3.895	43	134727	46.939	ug/L	98
22) cis-1,2-Dichloroethene	3.828	96	63557	5.164	ug/L	96
23) Bromochloromethane	4.159	128	27790	4.835	ug/L	97
25) Chloroform	4.288	83	121557	5.060	ug/L	92

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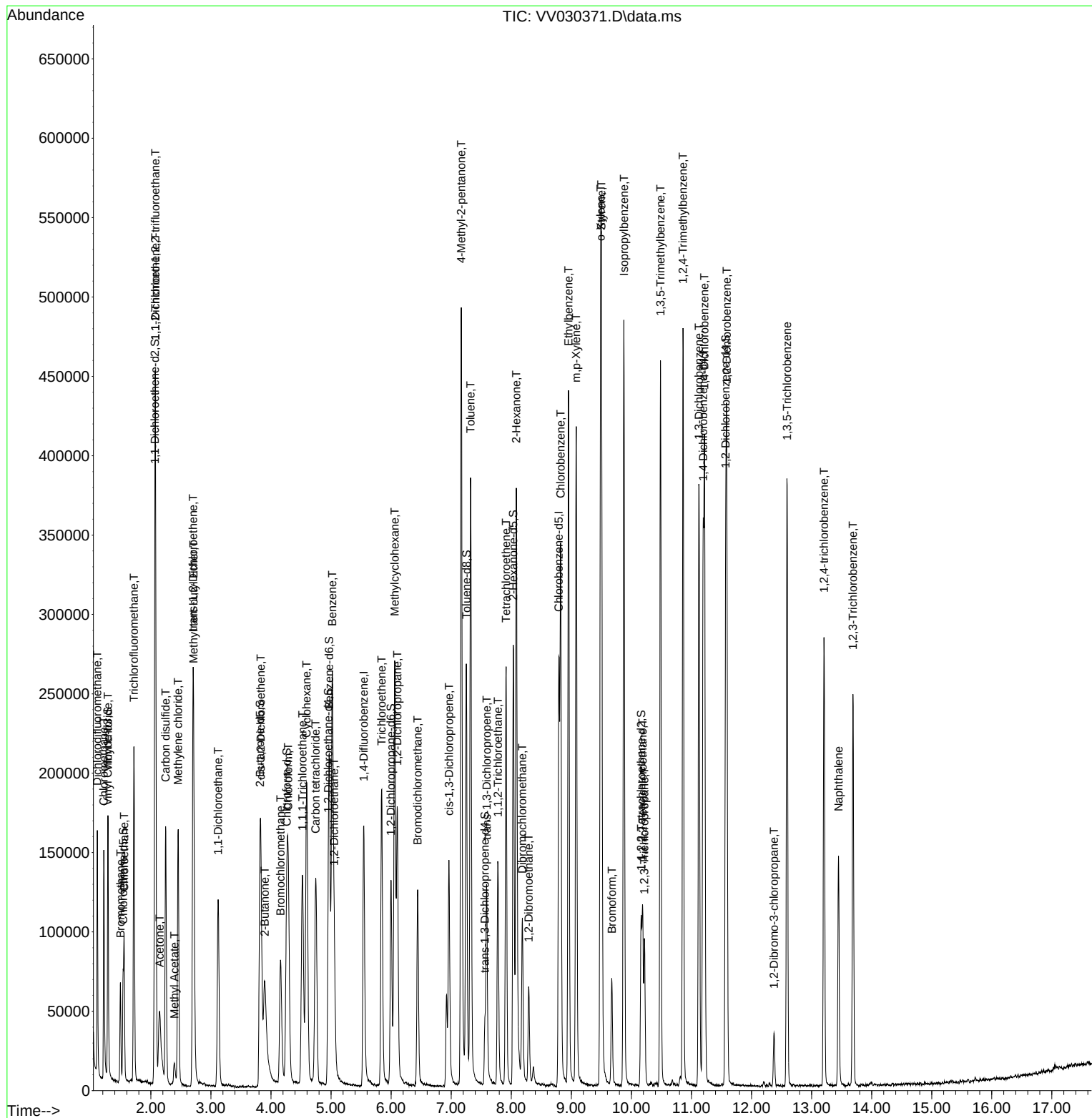
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.053	62	74917	5.158	ug/L	96
29) 1,1,1-Trichloroethane	4.522	97	110525	5.017	ug/L	99
30) Cyclohexane	4.593	56	98592	4.912	ug/L	99
31) Carbon tetrachloride	4.744	117	100221	5.013	ug/L	99
33) Benzene	5.021	78	253104	5.199	ug/L	100
34) Trichloroethene	5.841	95	64927	4.945	ug/L	97
35) Methylcyclohexane	6.059	83	98522	4.780	ug/L	98
37) 1,2-Dichloropropane	6.104	63	61493	4.920	ug/L	99
38) Bromodichloromethane	6.442	83	82698	5.052	ug/L	97
39) cis-1,3-Dichloropropene	6.963	75	84487	4.807	ug/L	98
40) 4-Methyl-2-pentanone	7.169	43	343740	52.190	ug/L	99
42) Toluene	7.323	91	272447	5.254	ug/L	100
44) trans-1,3-Dichloropropene	7.590	75	69814	4.668	ug/L	95
45) 1,1,2-Trichloroethane	7.776	97	44045	5.005	ug/L	97
47) Tetrachloroethene	7.915	164	57026	4.921	ug/L	95
48) 2-Hexanone	8.085	43	250345	50.752	ug/L	99
49) Dibromochloromethane	8.185	129	50799	4.849	ug/L	97
50) 1,2-Dibromoethane	8.291	107	40500	5.058	ug/L	97
51) Chlorobenzene	8.821	112	170125	5.124	ug/L	98
52) Ethylbenzene	8.953	91	290524	5.121	ug/L	97
53) m,p-Xylene	9.082	106	113550	5.228	ug/L	97
54) o-Xylene	9.487	106	105523	5.078	ug/L	99
55) Styrene	9.503	104	186815	5.293	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.188	83	50197	4.805	ug/L	99
59) Bromoform	9.673	173	30055	4.671	ug/L	99
60) Isopropylbenzene	9.876	105	291938	4.972	ug/L	99
61) 1,2,3-Trichloropropane	10.217	75	34618	4.863	ug/L	98
62) 1,3,5-Trimethylbenzene	10.484	105	236371	4.934	ug/L	100
63) 1,2,4-Trimethylbenzene	10.860	105	244538	5.008	ug/L	100
64) 1,3-Dichlorobenzene	11.123	146	150243	5.131	ug/L	99
65) 1,4-Dichlorobenzene	11.217	146	148164	5.023	ug/L	99
67) 1,2-Dichlorobenzene	11.586	146	133321	5.053	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.374	75	7877	4.449	ug/L	96
69) 1,3,5-Trichlorobenzene	12.593	180	113036	5.014	ug/L	99
70) 1,2,4-trichlorobenzene	13.207	180	85272	4.899	ug/L	99
71) Naphthalene	13.448	128	112627	4.531	ug/L	100
72) 1,2,3-Trichlorobenzene	13.689	180	72941	4.837	ug/L	99

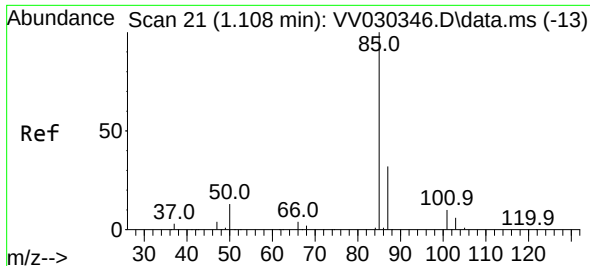
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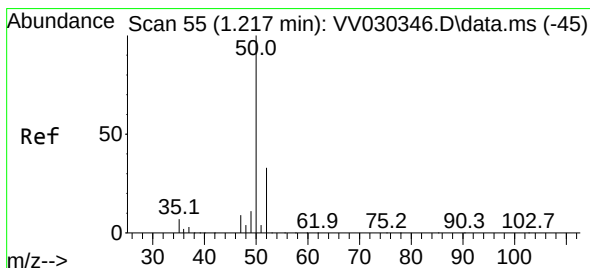
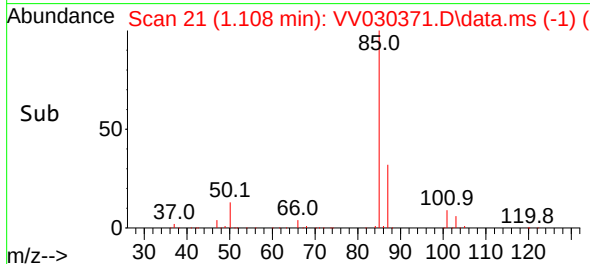
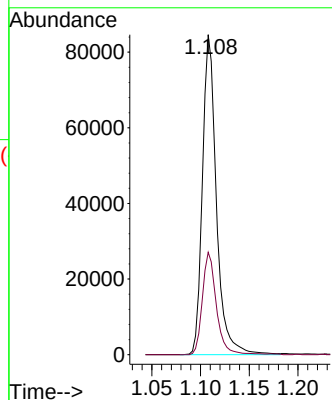
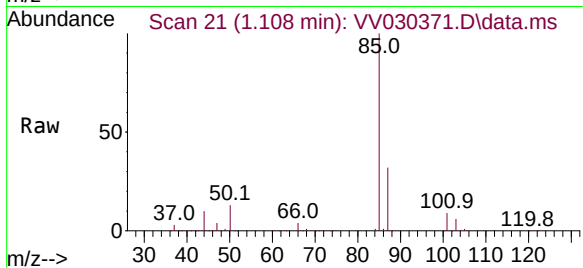




#2
 Dichlorodifluoromethane
 Concen: 4.780 ug/L
 RT: 1.108 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VV030371.D
 Acq: 30 Mar 2023 19:57

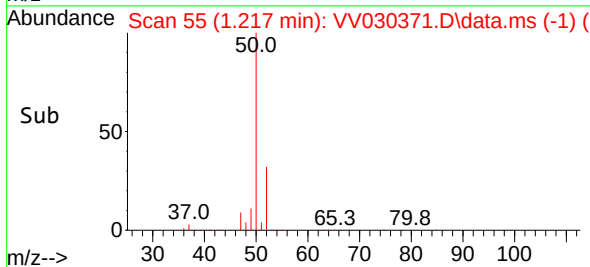
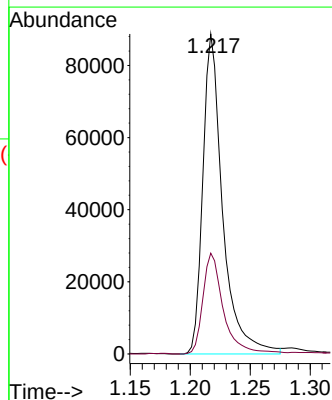
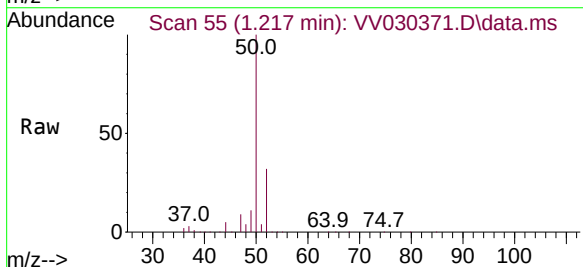
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 ClientSampleId :
 VSTD005317

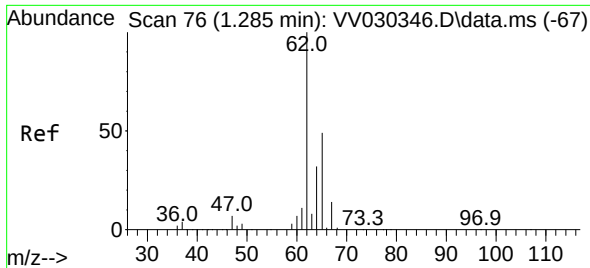
Tgt Ion: 85 Resp: 84647
 Ion Ratio Lower Upper
 85 100
 87 31.9 25.6 38.4



#3
 Chloromethane
 Concen: 4.576 ug/L
 RT: 1.217 min Scan# 55
 Delta R.T. -0.000 min
 Lab File: VV030371.D
 Acq: 30 Mar 2023 19:57

Tgt Ion: 50 Resp: 102265
 Ion Ratio Lower Upper
 50 100
 52 31.5 22.3 41.5

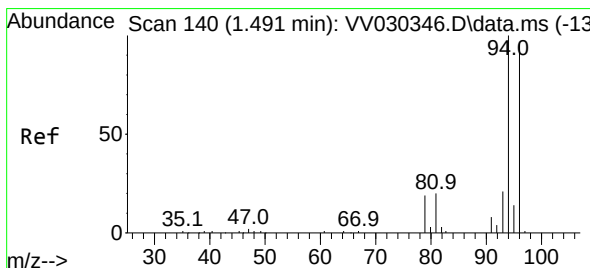
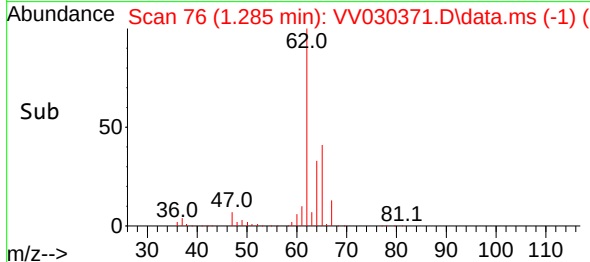
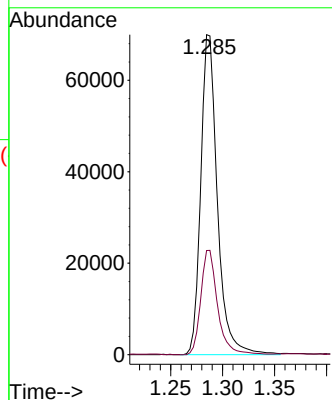
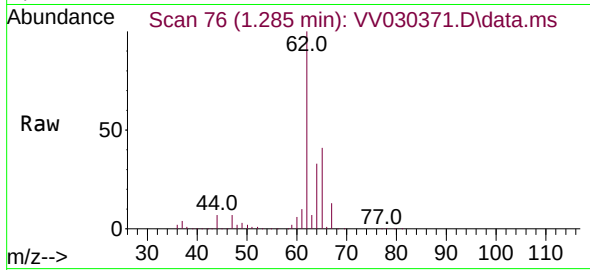




#5
 Vinyl chloride
 Concen: 4.780 ug/L
 RT: 1.285 min Scan# 76
 Delta R.T. -0.000 min
 Lab File: VV030371.D
 Acq: 30 Mar 2023 19:57

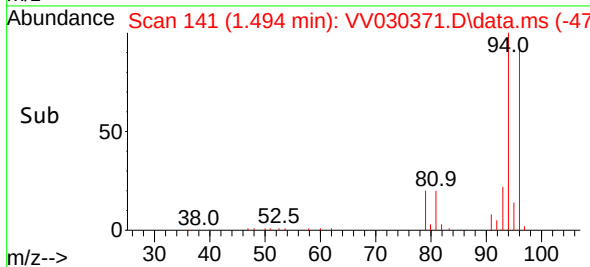
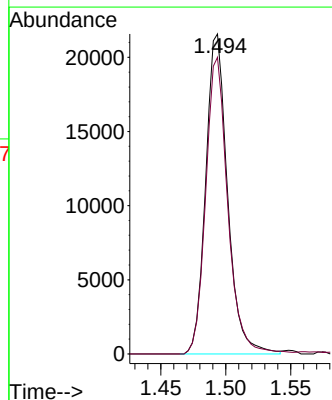
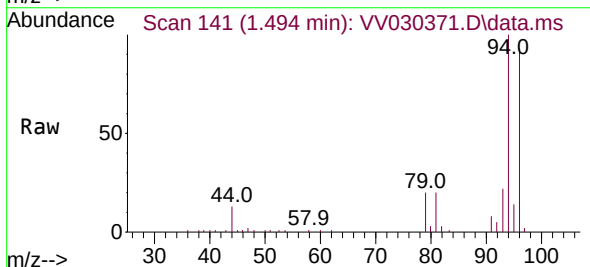
Instrument :
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 ClientSampleId :
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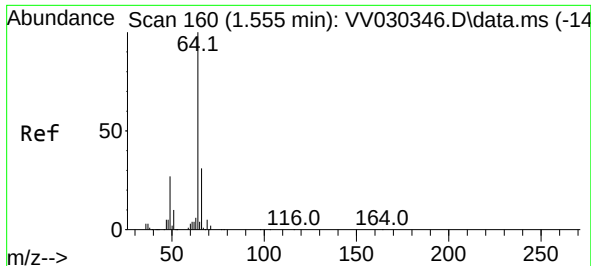
Tgt Ion: 62 Resp: 77868
 Ion Ratio Lower Upper
 62 100
 64 32.6 23.2 43.2



#6
 Bromomethane
 Concen: 5.437 ug/L
 RT: 1.494 min Scan# 141
 Delta R.T. 0.003 min
 Lab File: VV030371.D
 Acq: 30 Mar 2023 19:57

Tgt Ion: 94 Resp: 25263
 Ion Ratio Lower Upper
 94 100
 96 92.7 66.1 122.7

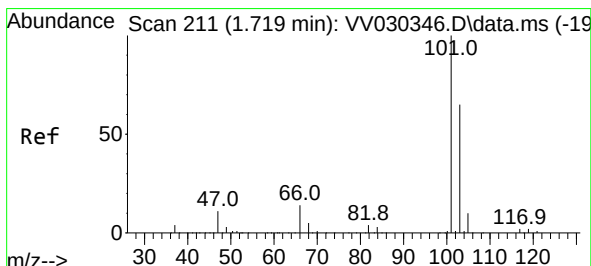
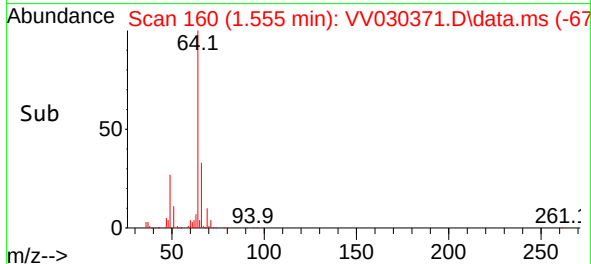
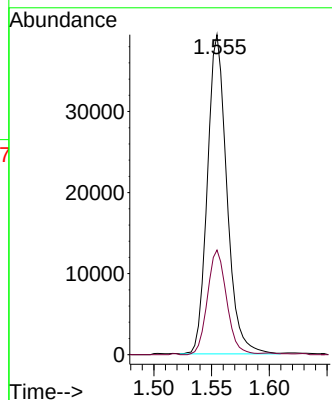
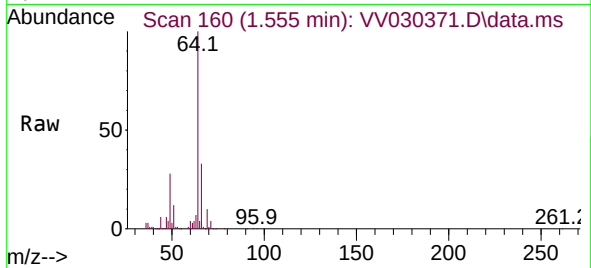




#8
Chloroethane
Concen: 4.946 ug/L
RT: 1.555 min Scan# 160
Delta R.T. -0.000 min
Lab File: VV030371.D
Acq: 30 Mar 2023 19:57

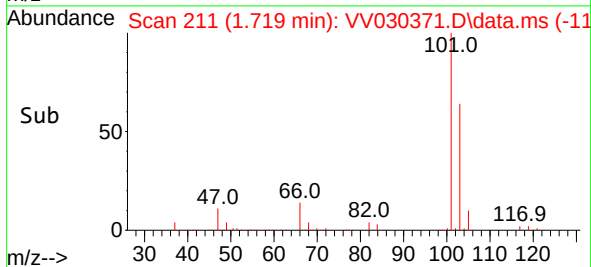
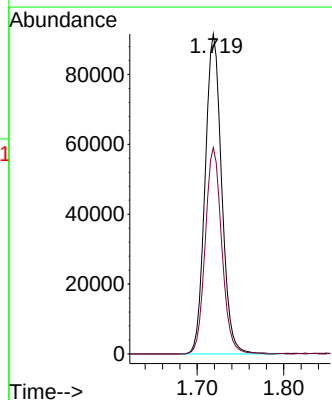
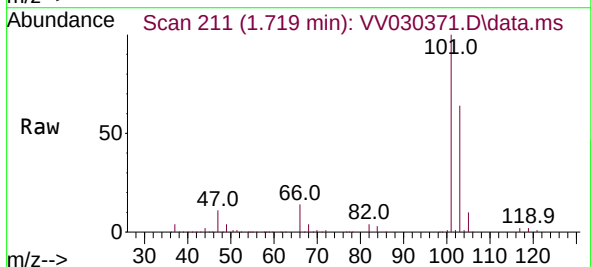
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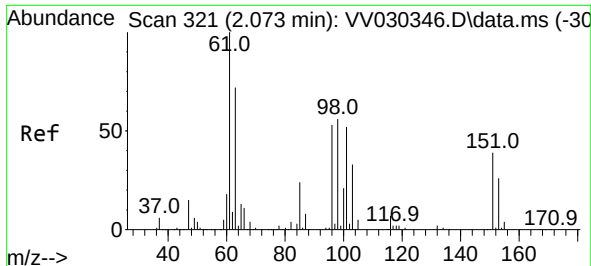
Tgt Ion: 64 Resp: 46156
Ion Ratio Lower Upper
64 100
66 32.7 23.0 42.8



#9
Trichlorofluoromethane
Concen: 5.116 ug/L
RT: 1.719 min Scan# 211
Delta R.T. -0.000 min
Lab File: VV030371.D
Acq: 30 Mar 2023 19:57

Tgt Ion: 101 Resp: 121508
Ion Ratio Lower Upper
101 100
103 64.2 51.0 76.6

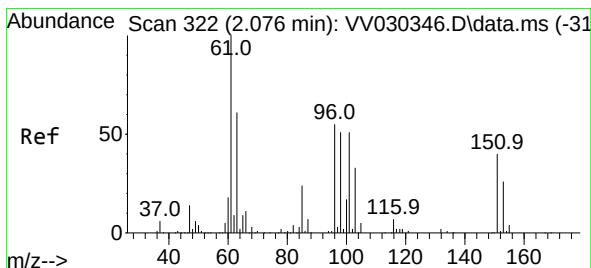
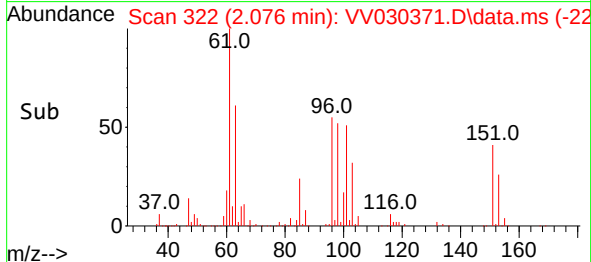
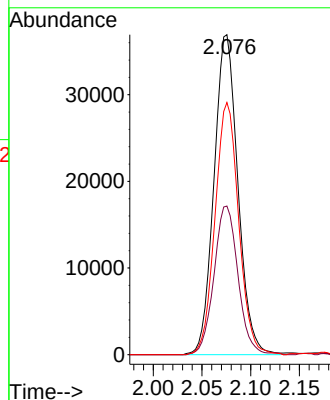
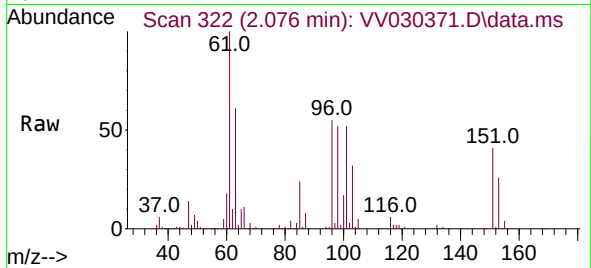




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 4.810 ug/L
RT: 2.076 min Scan# 311
Delta R.T. 0.003 min
Lab File: VV030371.D
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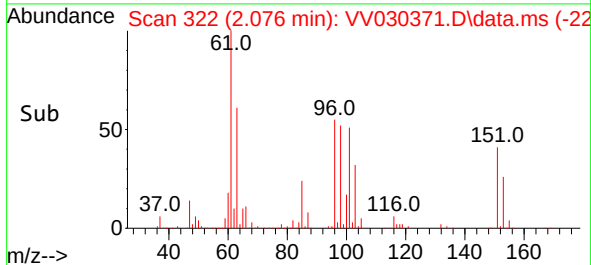
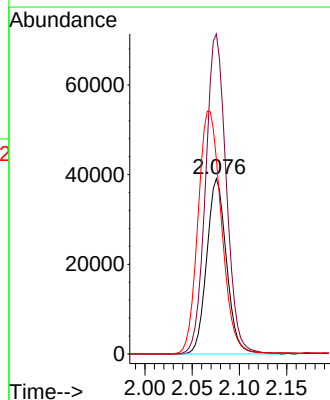
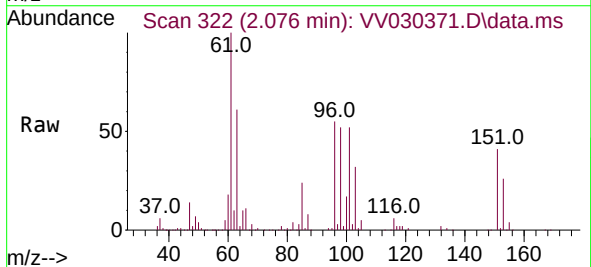
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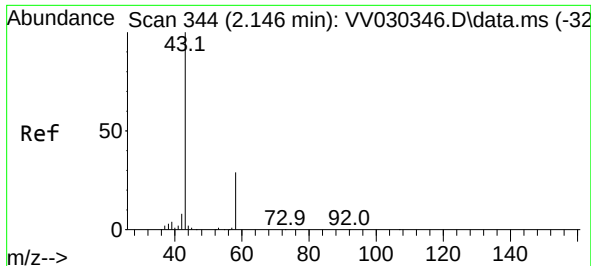
Tgt Ion:101 Resp: 63054
Ion Ratio Lower Upper
101 100
85 46.7 38.1 57.1
151 78.0 62.7 94.1



#12
1,1-Dichloroethene
Concen: 4.895 ug/L
RT: 2.076 min Scan# 322
Delta R.T. -0.000 min
Lab File: VV030371.D
Acq: 30 Mar 2023 19:57

Tgt Ion: 96 Resp: 56981
Ion Ratio Lower Upper
96 100
61 182.5 136.3 253.1
63 111.1 92.1 171.1





#13

Acetone

Concen: 40.177 ug/L

RT: 2.146 min Scan# 344

Delta R.T. -0.000 min

Lab File: VV030371.D

Acq: 30 Mar 2023 19:57

Instrument :

MSVOA_V

ClientSampleId :

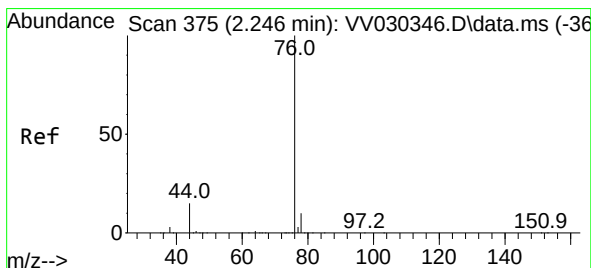
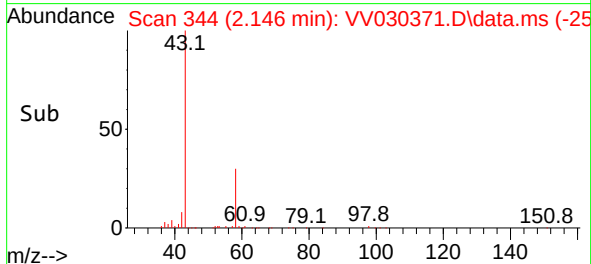
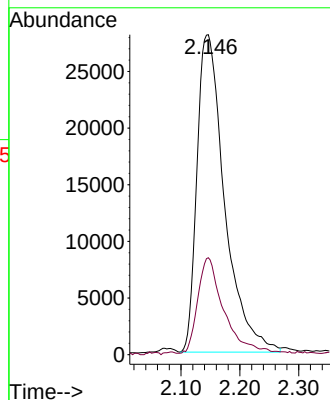
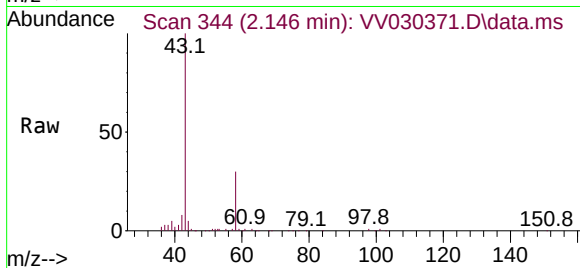
VSTD005317

Tgt Ion: 43 Resp: 91623

Ion Ratio Lower Upper

43 100

58 27.8 0.0 40.8



#14

Carbon disulfide

Concen: 4.712 ug/L

RT: 2.246 min Scan# 375

Delta R.T. -0.000 min

Lab File: VV030371.D

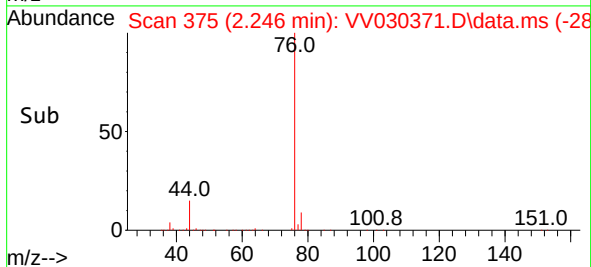
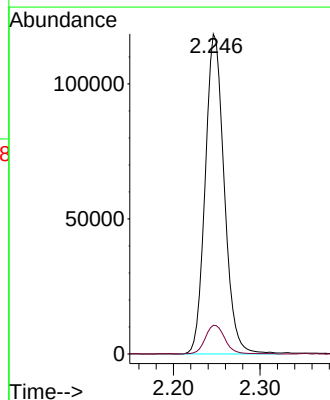
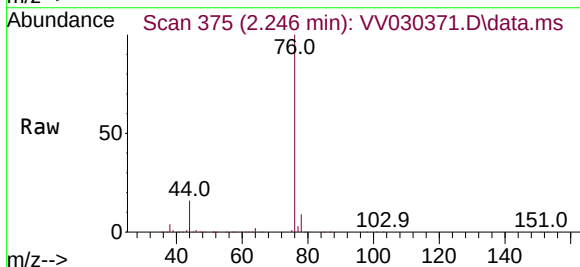
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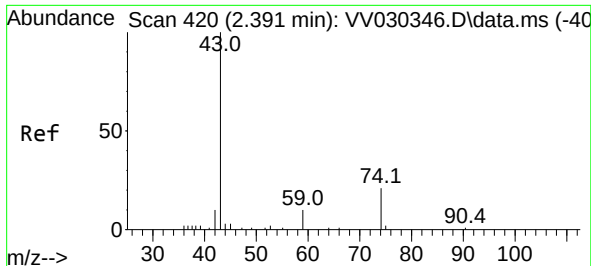
Tgt Ion: 76 Resp: 180682

Ion Ratio Lower Upper

76 100

78 8.9 7.3 10.9

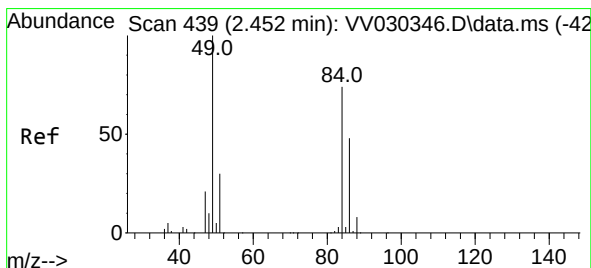
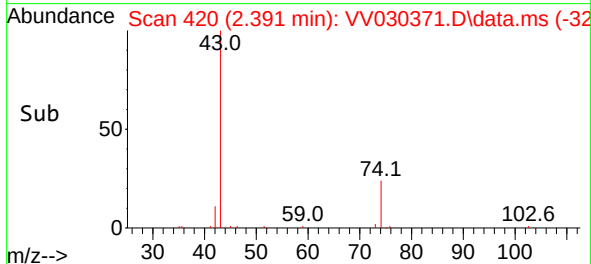
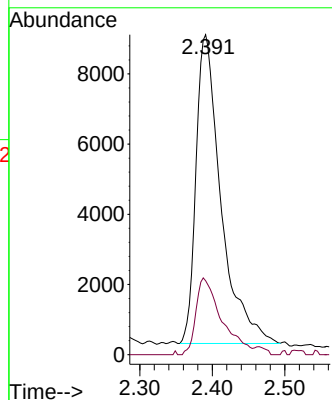
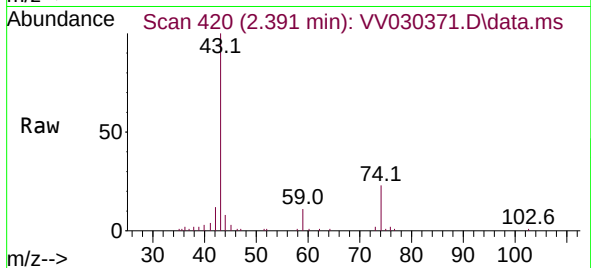




#15
Methyl Acetate
Concen: 5.175 ug/L
RT: 2.391 min Scan# 41
Delta R.T. -0.000 min
Lab File: VV030371.D
Acq: 30 Mar 2023 19:57

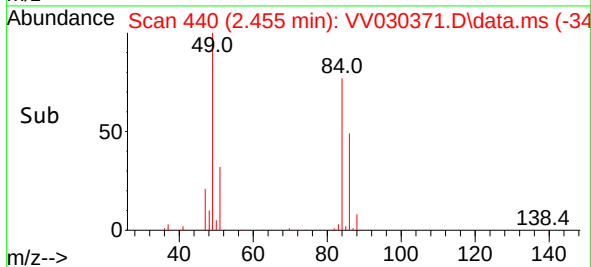
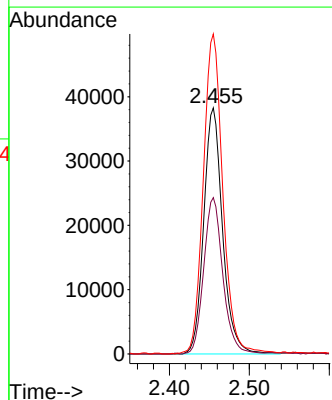
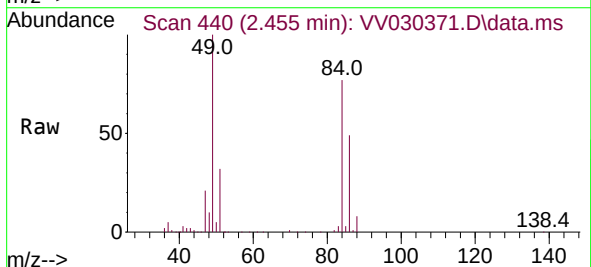
Instrument :
MSVOA_V
ClientSampleId :
VSTD005317

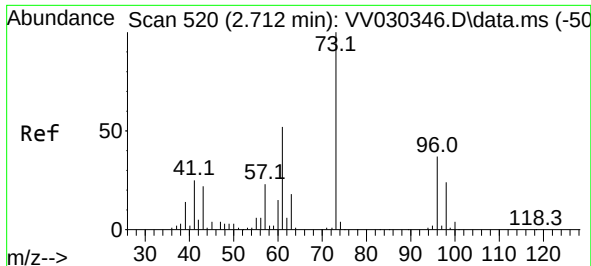
Tgt Ion: 43 Resp: 21089
Ion Ratio Lower Upper
43 100
74 25.4 22.1 33.1



#16
Methylene chloride
Concen: 4.571 ug/L
RT: 2.455 min Scan# 440
Delta R.T. 0.003 min
Lab File: VV030371.D
Acq: 30 Mar 2023 19:57

Tgt Ion: 84 Resp: 62935
Ion Ratio Lower Upper
84 100
86 63.6 44.0 81.6
49 130.1 90.6 168.3





#17

Methyl tert-butyl Ether

Concen: 5.008 ug/L

RT: 2.712 min Scan# 51

Delta R.T. -0.000 min

Lab File: VV030371.D

Acq: 30 Mar 2023 19:57

Instrument :

MSVOA_V

ClientSampleId :

VSTD005317

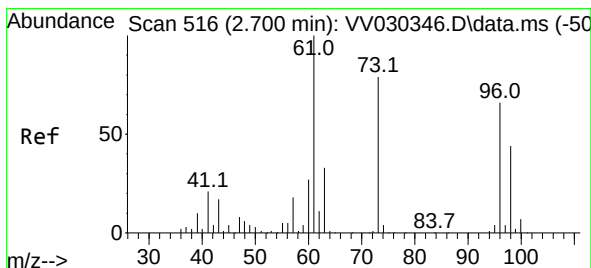
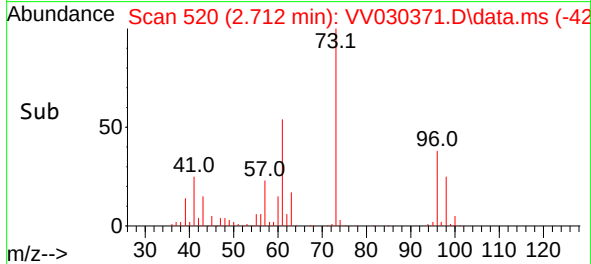
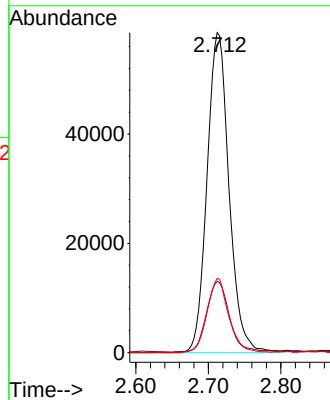
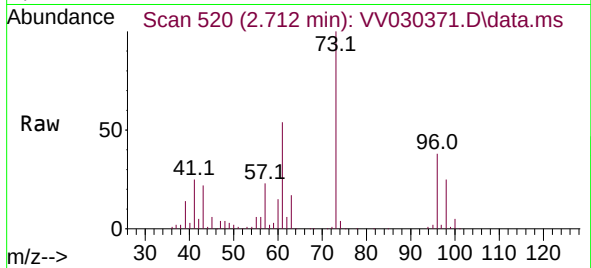
Tgt Ion: 73 Resp: 123458

Ion Ratio Lower Upper

73 100

43 22.9 17.4 26.2

57 22.9 18.3 27.5



#18

trans-1,2-Dichloroethene

Concen: 4.852 ug/L

RT: 2.703 min Scan# 517

Delta R.T. 0.003 min

Lab File: VV030371.D

Acq: 30 Mar 2023 19:57

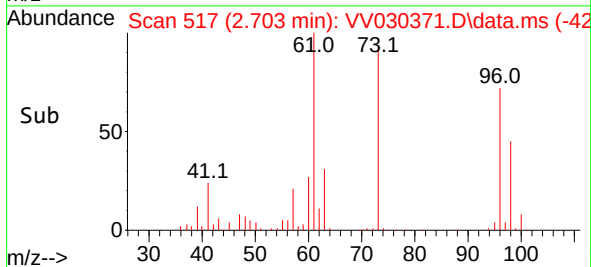
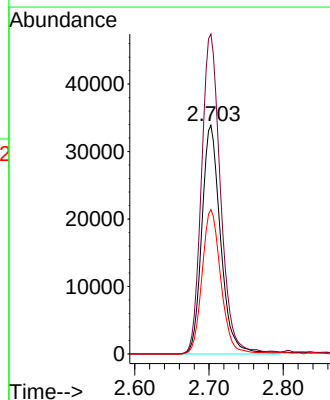
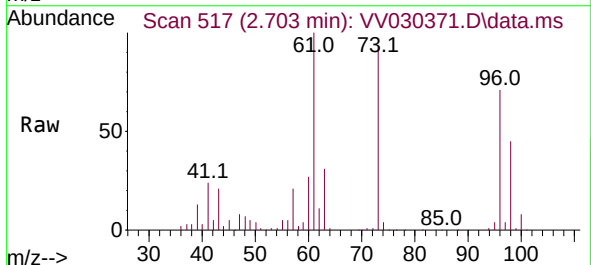
Tgt Ion: 96 Resp: 59497

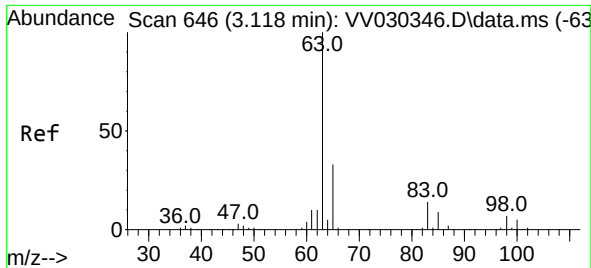
Ion Ratio Lower Upper

96 100

61 140.0 101.7 188.9

98 63.1 45.8 85.2





#19

1,1-Dichloroethane

Concen: 4.939 ug/L

RT: 3.121 min Scan# 646

Delta R.T. 0.003 min

Lab File: VV030371.D

Acq: 30 Mar 2023 19:57

Instrument :

MSVOA_V

ClientSampleId :

VSTD005317

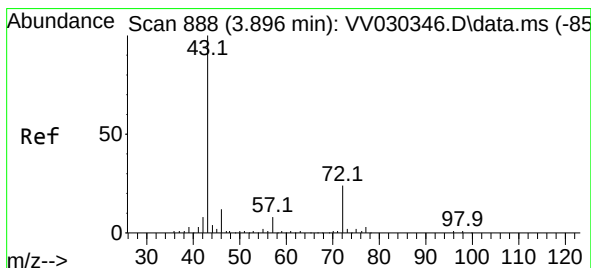
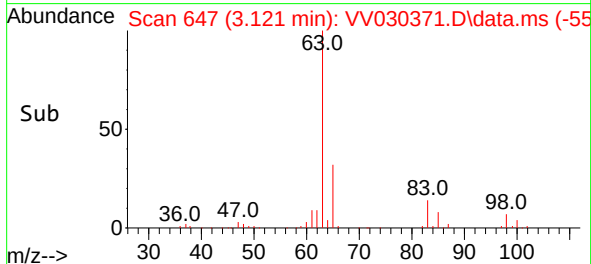
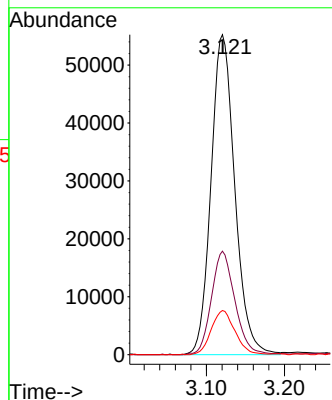
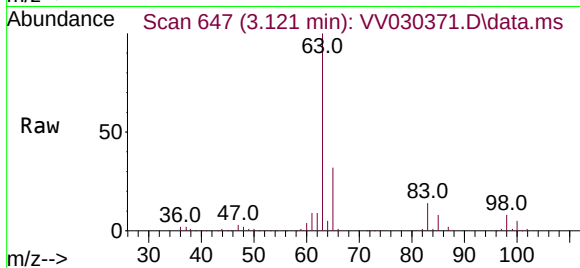
Tgt Ion: 63 Resp: 117424

Ion Ratio Lower Upper

63 100

65 32.3 21.7 40.3

83 13.8 9.1 16.9



#21

2-Butanone

Concen: 46.939 ug/L

RT: 3.895 min Scan# 888

Delta R.T. -0.000 min

Lab File: VV030371.D

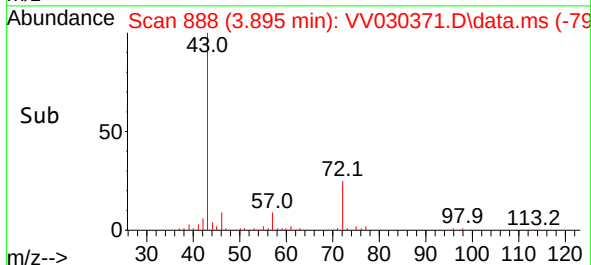
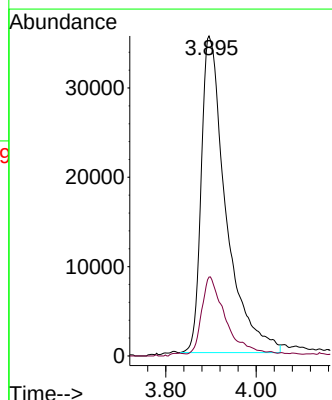
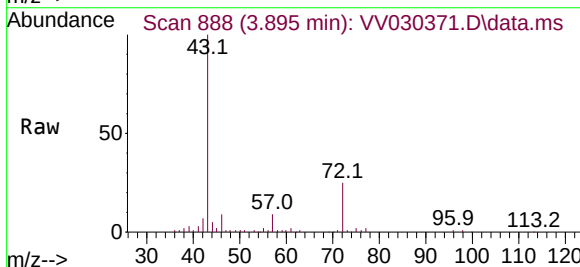
Acq: 30 Mar 2023 19:57

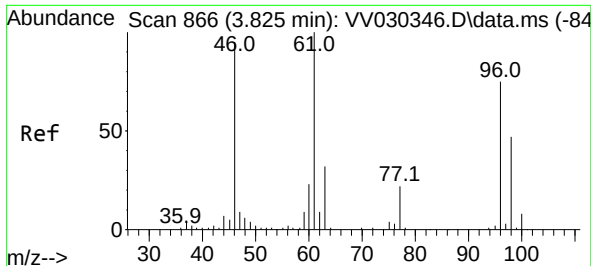
Tgt Ion: 43 Resp: 134727

Ion Ratio Lower Upper

43 100

72 23.3 11.2 33.5

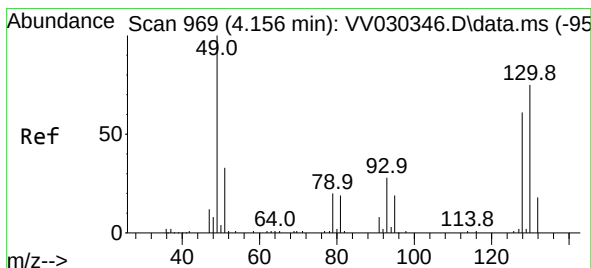
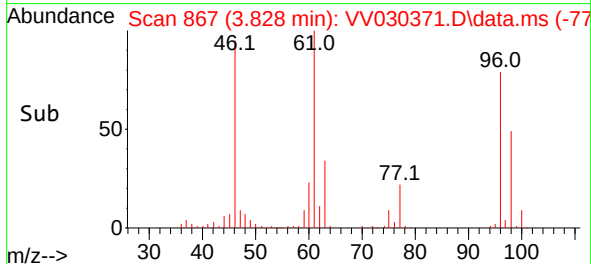
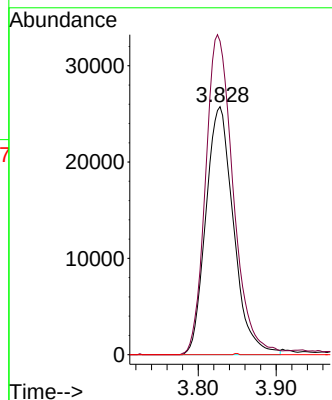
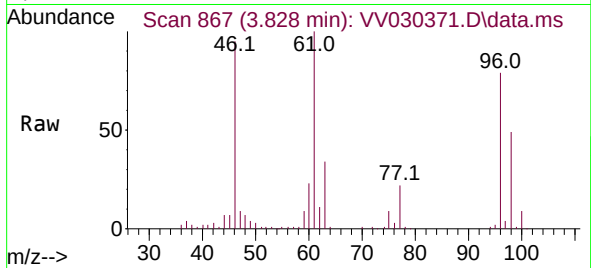




#22
 cis-1,2-Dichloroethene
 Concen: 5.164 ug/L
 RT: 3.828 min Scan# 866
 Delta R.T. 0.003 min
 Lab File: VV030371.D
 Acq: 30 Mar 2023 19:57

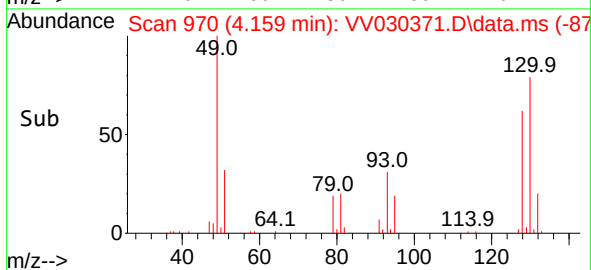
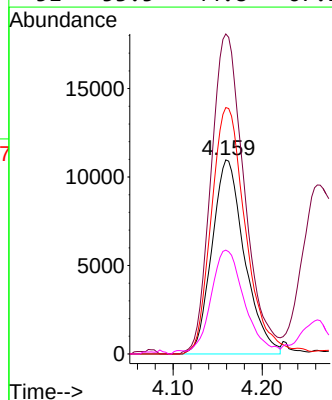
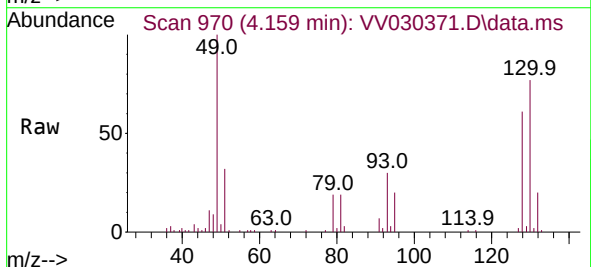
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005317

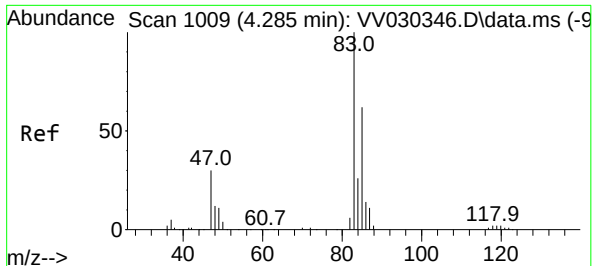
Tgt Ion: 96 Resp: 63557
 Ion Ratio Lower Upper
 96 100
 61 126.3 92.0 170.8
 68 0.0 0.0 0.0



#23
 Bromochloromethane
 Concen: 4.835 ug/L
 RT: 4.159 min Scan# 970
 Delta R.T. 0.003 min
 Lab File: VV030371.D
 Acq: 30 Mar 2023 19:57

Tgt Ion: 128 Resp: 27790
 Ion Ratio Lower Upper
 128 100
 49 164.8 119.4 221.8
 130 126.9 89.2 165.8
 51 53.5 44.8 67.2

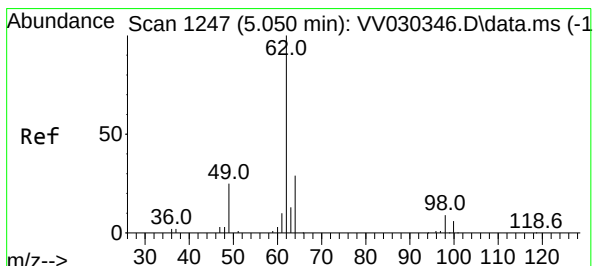
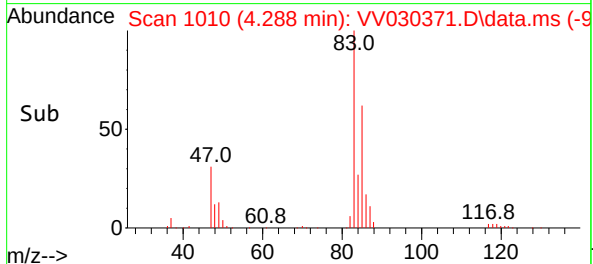
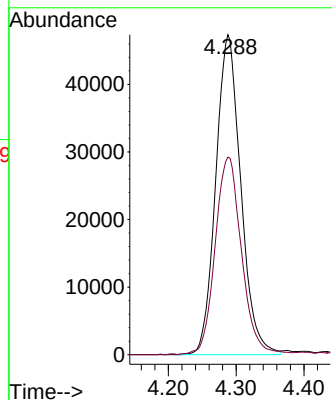
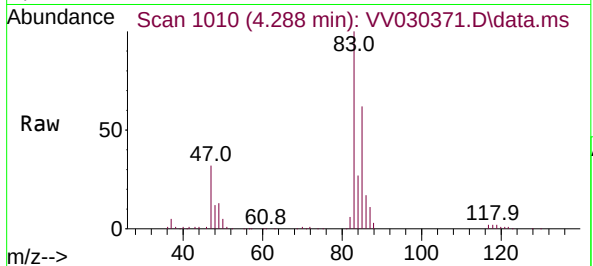




#25
Chloroform
Concen: 5.060 ug/L
RT: 4.288 min Scan# 1009
Delta R.T. 0.003 min
Lab File: VV030371.D
Acq: 30 Mar 2023 19:57

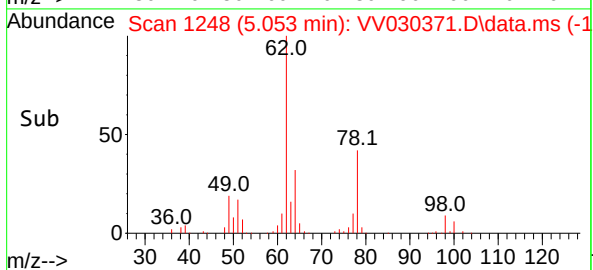
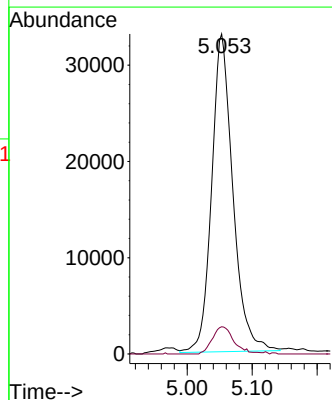
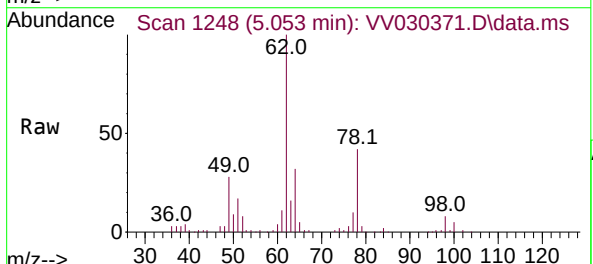
Instrument :
MSVOA_V
ClientSampleId :
VSTD005317

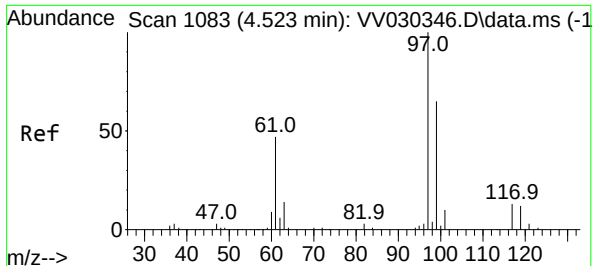
Tgt Ion: 83 Resp: 121557
Ion Ratio Lower Upper
83 100
85 61.7 47.6 88.4



#27
1,2-Dichloroethane
Concen: 5.158 ug/L
RT: 5.053 min Scan# 1248
Delta R.T. 0.003 min
Lab File: VV030371.D
Acq: 30 Mar 2023 19:57

Tgt Ion: 62 Resp: 74917
Ion Ratio Lower Upper
62 100
98 8.5 7.8 11.8





#29

1,1,1-Trichloroethane

Concen: 5.017 ug/L

RT: 4.522 min Scan# 1105

Delta R.T. -0.000 min

Lab File: VV030371.D

Acq: 30 Mar 2023 19:57

Instrument :

MSVOA_V

ClientSampleId :

VSTD005317

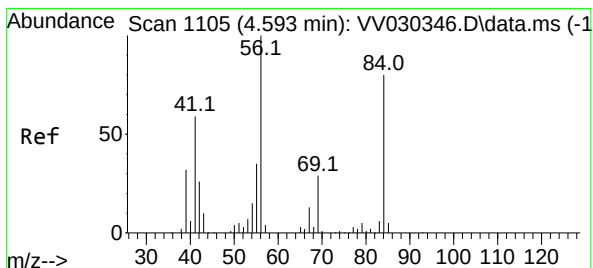
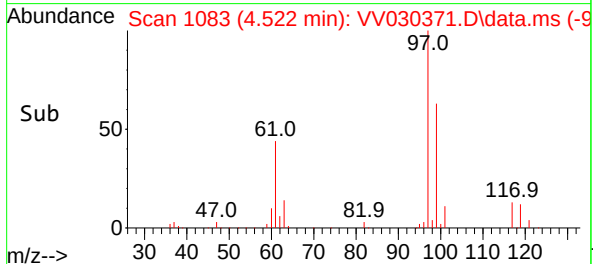
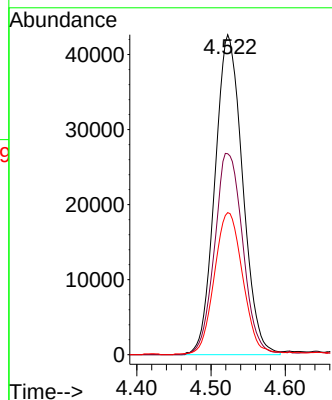
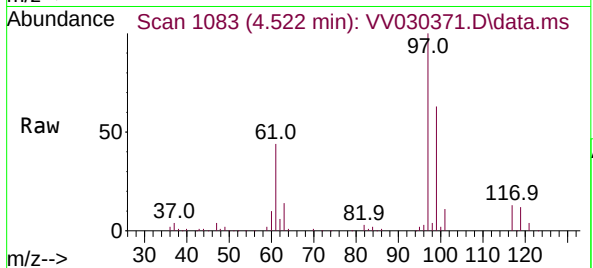
Tgt Ion: 97 Resp: 110525

Ion Ratio Lower Upper

97 100

99 64.1 50.9 76.3

61 45.9 35.9 53.9



#30

Cyclohexane

Concen: 4.912 ug/L

RT: 4.593 min Scan# 1105

Delta R.T. -0.000 min

Lab File: VV030371.D

Acq: 30 Mar 2023 19:57

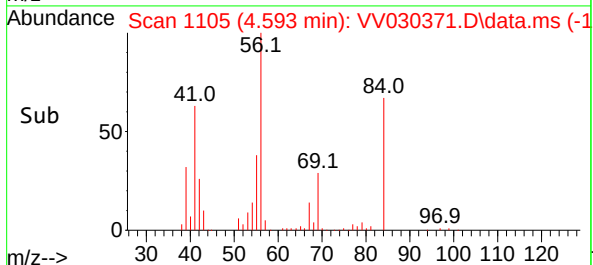
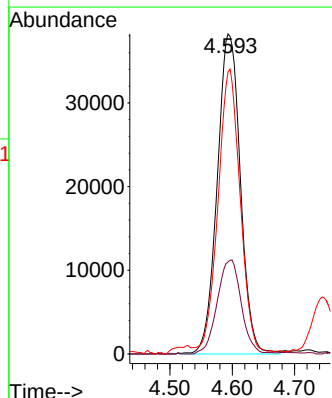
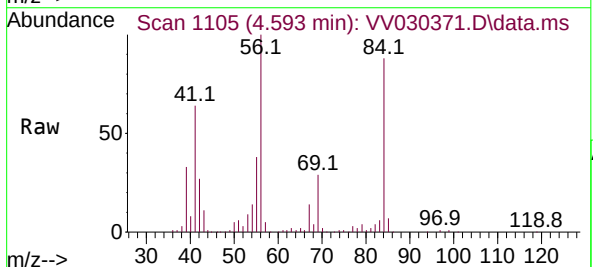
Tgt Ion: 56 Resp: 98592

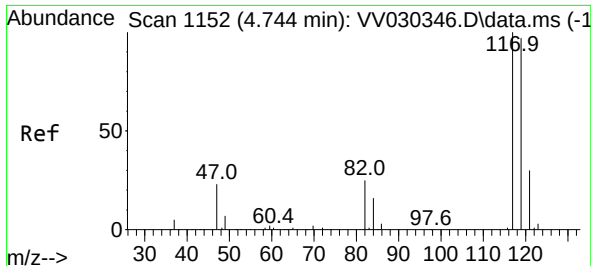
Ion Ratio Lower Upper

56 100

69 30.5 24.2 36.2

84 83.9 66.6 100.0

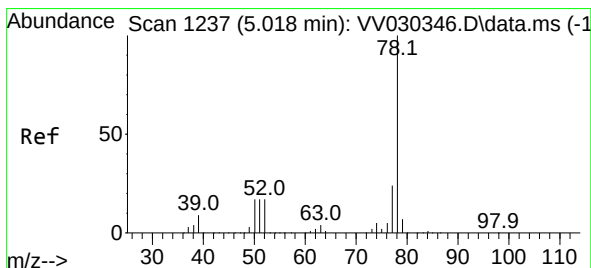
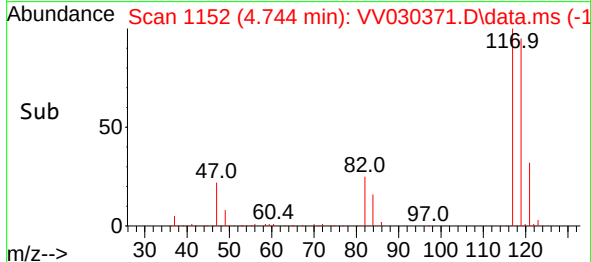
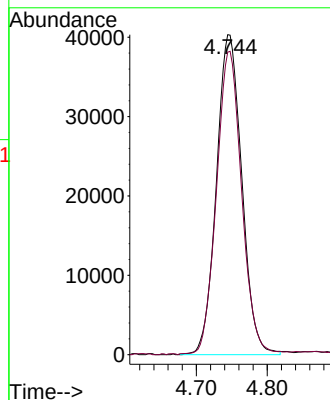
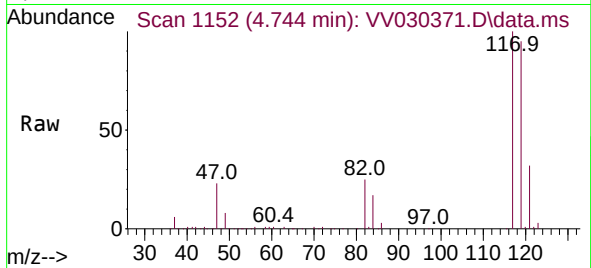




#31
Carbon tetrachloride
Concen: 5.013 ug/L
RT: 4.744 min Scan# 1152
Delta R.T. -0.000 min
Lab File: VV030371.D
Acq: 30 Mar 2023 19:57

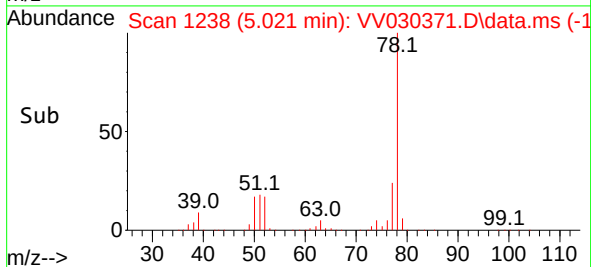
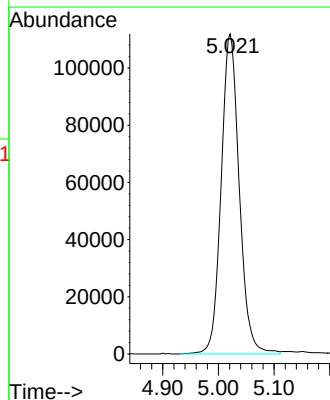
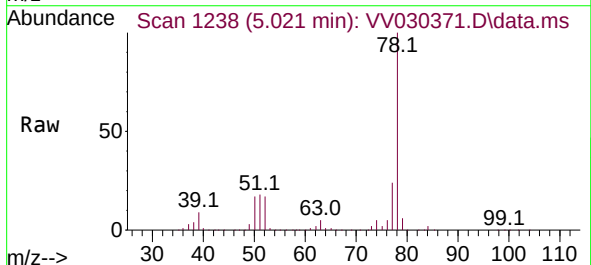
Instrument :
MSVOA_V
ClientSampleId :
VSTD005317

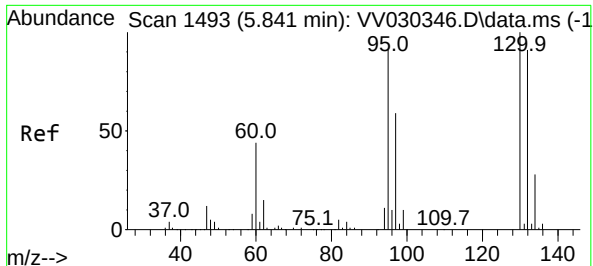
Tgt Ion:117 Resp: 100221
Ion Ratio Lower Upper
117 100
119 94.5 76.2 114.4



#33
Benzene
Concen: 5.199 ug/L
RT: 5.021 min Scan# 1238
Delta R.T. 0.003 min
Lab File: VV030371.D
Acq: 30 Mar 2023 19:57

Tgt Ion: 78 Resp: 253104

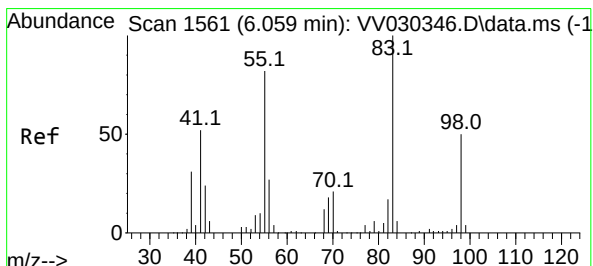
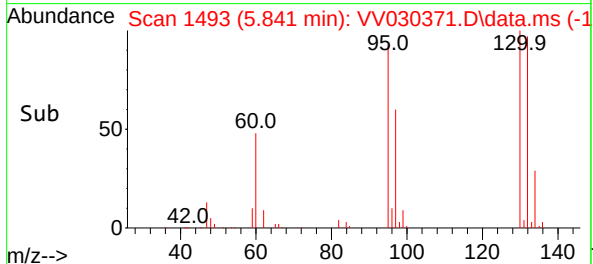
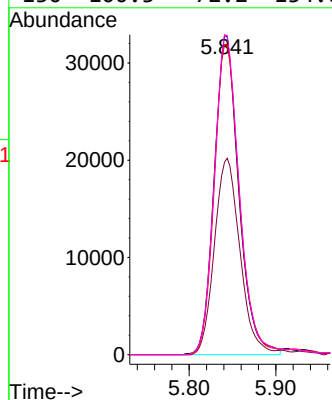
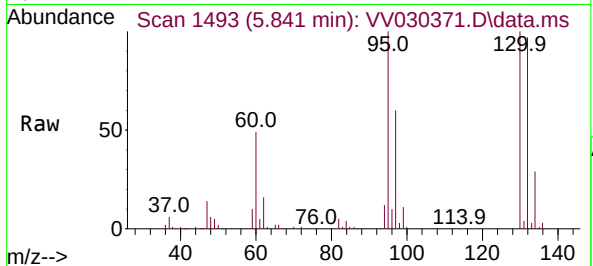




#34
Trichloroethene
Concen: 4.945 ug/L
RT: 5.841 min Scan# 1493
Delta R.T. -0.000 min
Lab File: VV030371.D
Acq: 30 Mar 2023 19:57

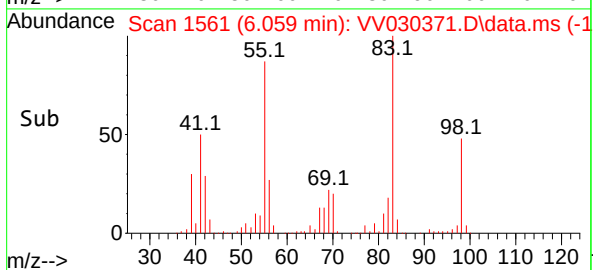
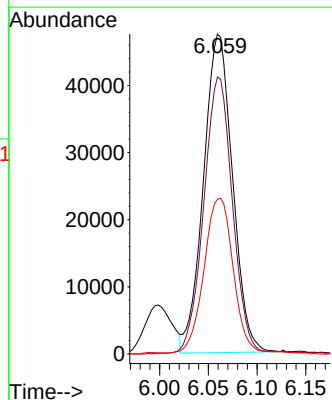
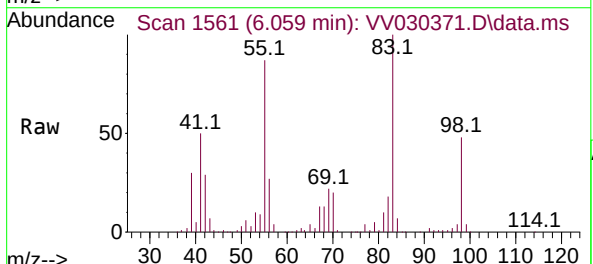
Instrument :
MSVOA_V
ClientSampleId :
VSTD005317

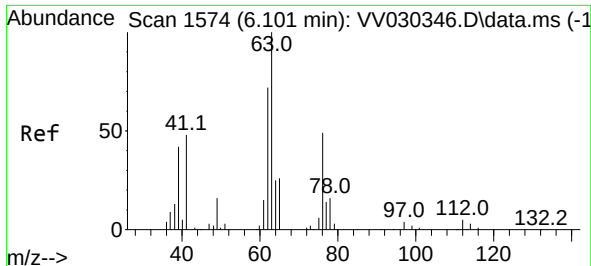
Tgt Ion: 95 Resp: 64927
Ion Ratio Lower Upper
95 100
97 60.3 44.2 82.2
132 97.3 69.5 129.1
130 100.3 72.2 134.0



#35
Methylcyclohexane
Concen: 4.780 ug/L
RT: 6.059 min Scan# 1561
Delta R.T. -0.000 min
Lab File: VV030371.D
Acq: 30 Mar 2023 19:57

Tgt Ion: 83 Resp: 98522
Ion Ratio Lower Upper
83 100
55 86.1 66.6 100.0
98 48.6 38.6 58.0





#37

1,2-Dichloropropane

Concen: 4.920 ug/L

RT: 6.104 min Scan# 1

Delta R.T. 0.003 min

Lab File: VV030371.D

Acq: 30 Mar 2023 19:57

Instrument :

MSVOA_V

ClientSampleId :

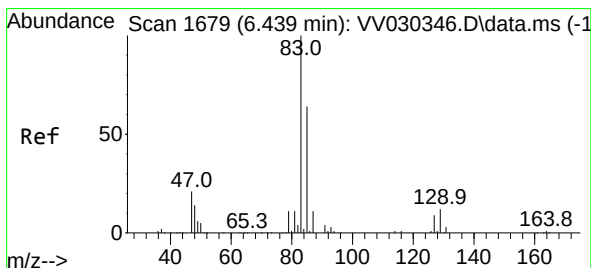
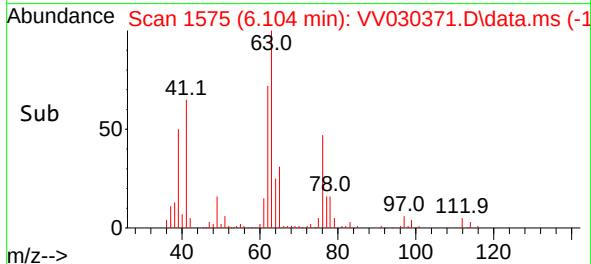
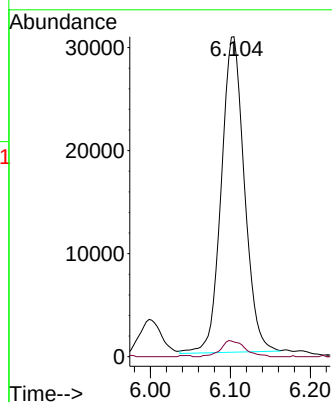
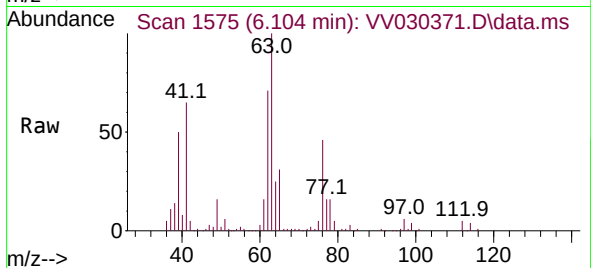
VSTD005317

Tgt Ion: 63 Resp: 61493

Ion Ratio Lower Upper

63 100

112 5.3 3.9 5.9



#38

Bromodichloromethane

Concen: 5.052 ug/L

RT: 6.442 min Scan# 1680

Delta R.T. 0.003 min

Lab File: VV030371.D

Acq: 30 Mar 2023 19:57

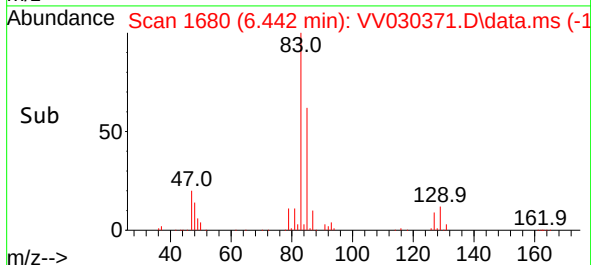
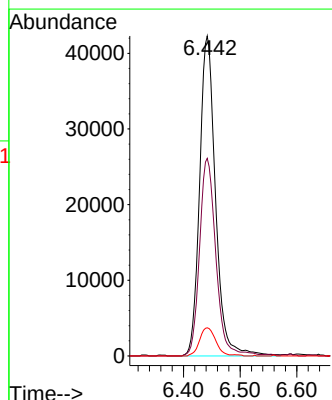
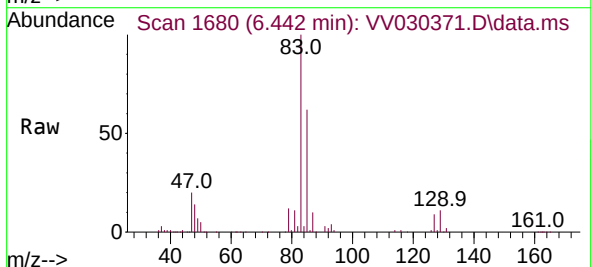
Tgt Ion: 83 Resp: 82698

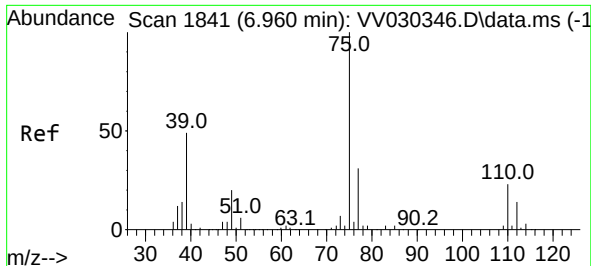
Ion Ratio Lower Upper

83 100

85 61.8 45.3 84.1

127 8.8 7.0 10.4





#39

cis-1,3-Dichloropropene

Concen: 4.807 ug/L

RT: 6.963 min Scan# 11

Delta R.T. 0.003 min

Lab File: VV030371.D

Acq: 30 Mar 2023 19:57

Instrument :

MSVOA_V

ClientSampleId :

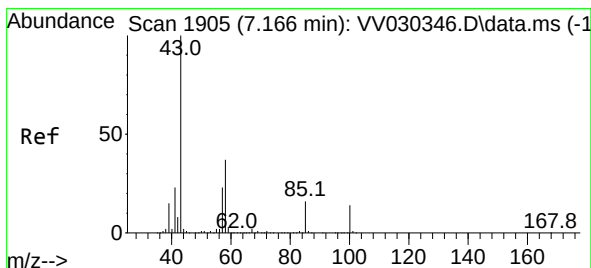
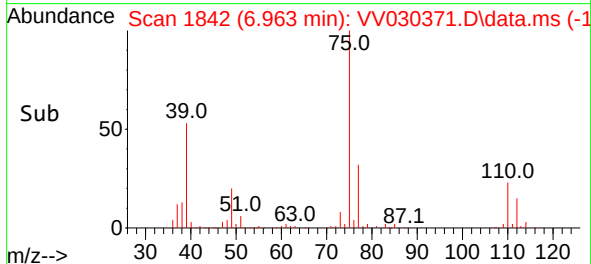
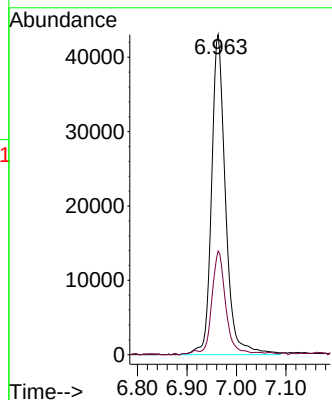
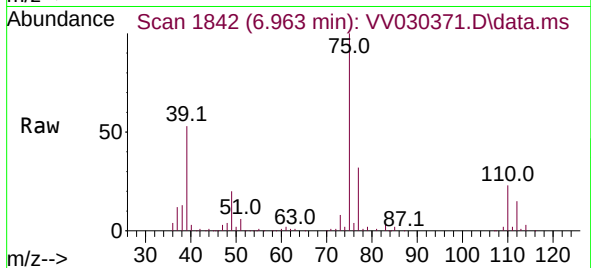
VSTD005317

Tgt Ion: 75 Resp: 84487

Ion Ratio Lower Upper

75 100

77 32.4 22.0 41.0



#40

4-Methyl-2-pentanone

Concen: 52.190 ug/L

RT: 7.169 min Scan# 1906

Delta R.T. 0.003 min

Lab File: VV030371.D

Acq: 30 Mar 2023 19:57

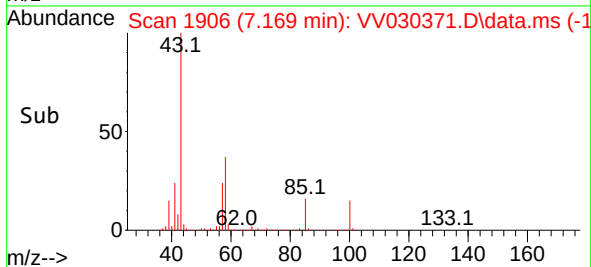
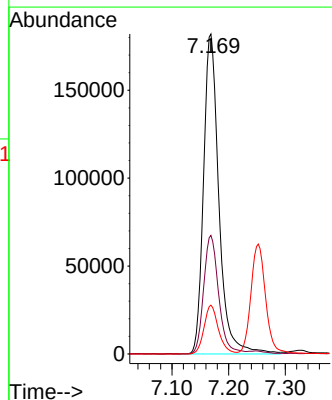
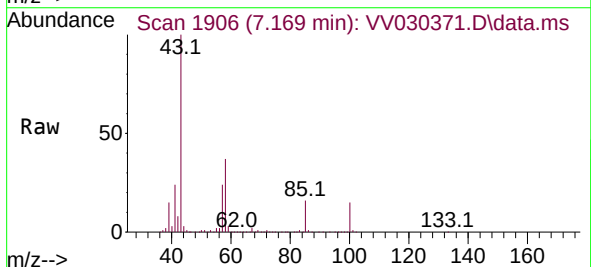
Tgt Ion: 43 Resp: 343740

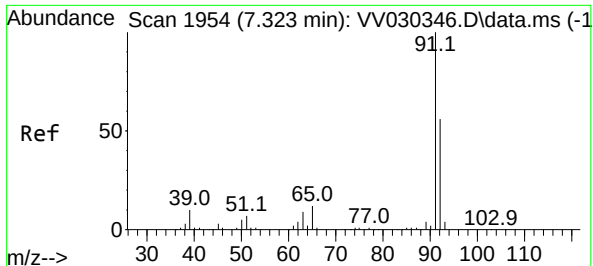
Ion Ratio Lower Upper

43 100

58 36.2 28.8 43.2

100 14.3 10.7 16.1

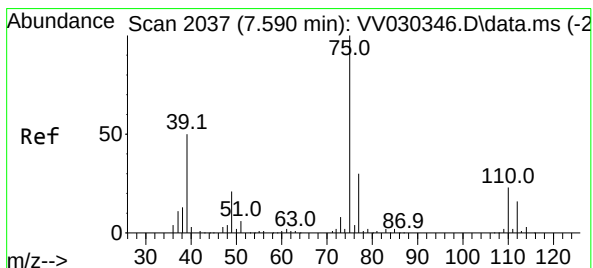
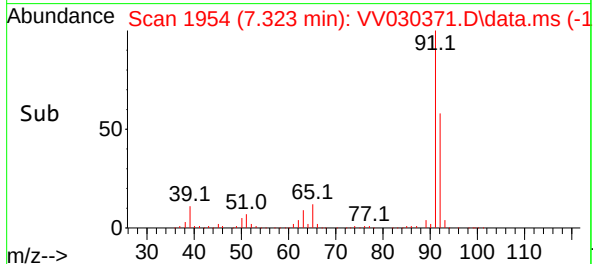
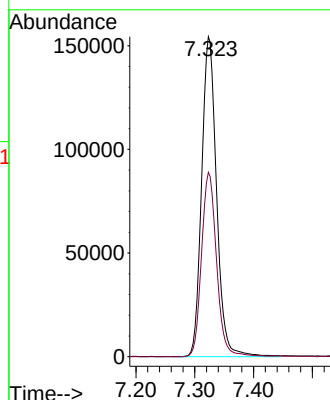
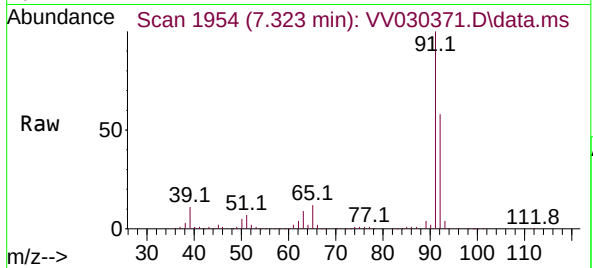




#42
Toluene
Concen: 5.254 ug/L
RT: 7.323 min Scan# 1954
Delta R.T. -0.000 min
Lab File: VV030371.D
Acq: 30 Mar 2023 19:57

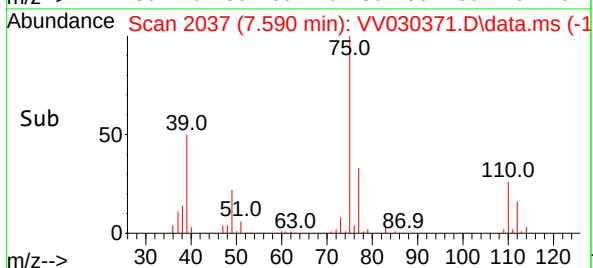
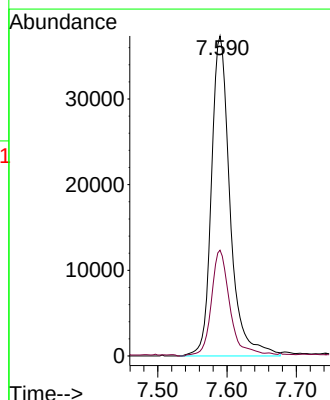
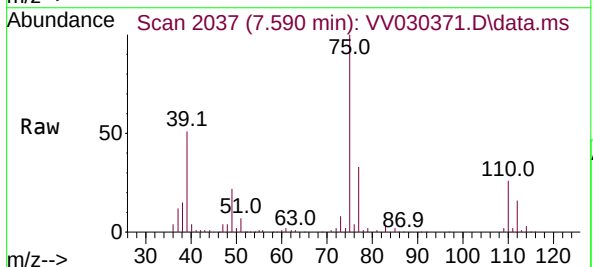
Instrument : MSVOA_V
ClientSampleId : VSTD005317

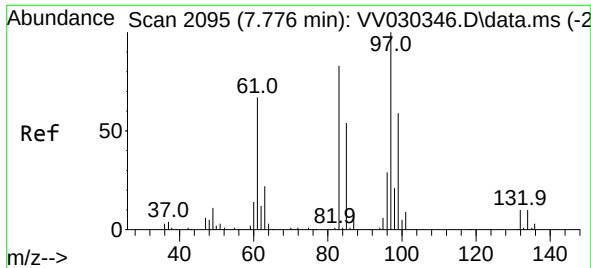
Tgt Ion: 91 Resp: 272447
Ion Ratio Lower Upper
91 100
92 57.6 40.4 75.0



#44
trans-1,3-Dichloropropene
Concen: 4.668 ug/L
RT: 7.590 min Scan# 2037
Delta R.T. -0.000 min
Lab File: VV030371.D
Acq: 30 Mar 2023 19:57

Tgt Ion: 75 Resp: 69814
Ion Ratio Lower Upper
75 100
77 33.1 21.2 39.4

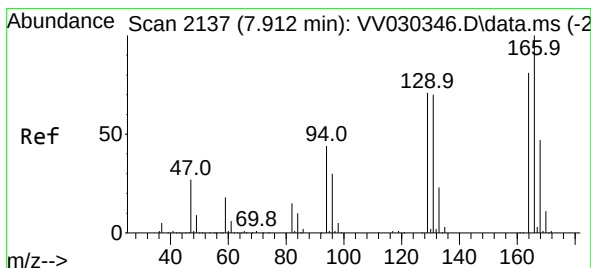
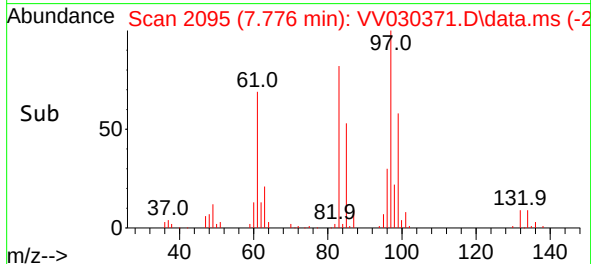
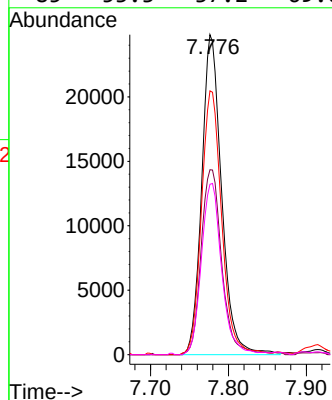
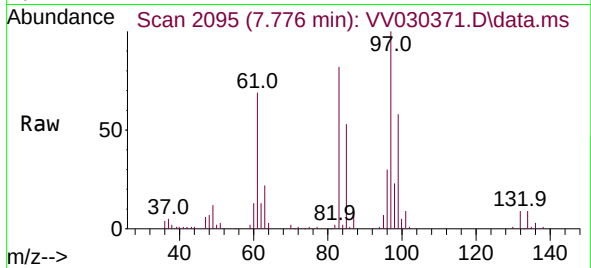




#45
1,1,2-Trichloroethane
Concen: 5.005 ug/L
RT: 7.776 min Scan# 2095
Delta R.T. -0.000 min
Lab File: VV030371.D
Acq: 30 Mar 2023 19:57

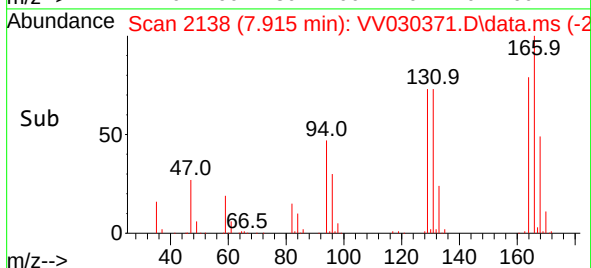
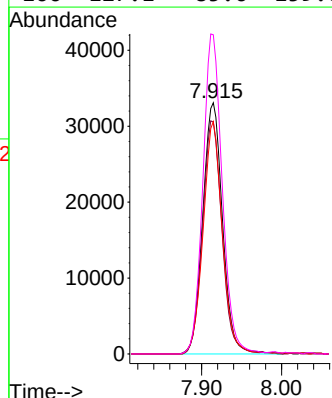
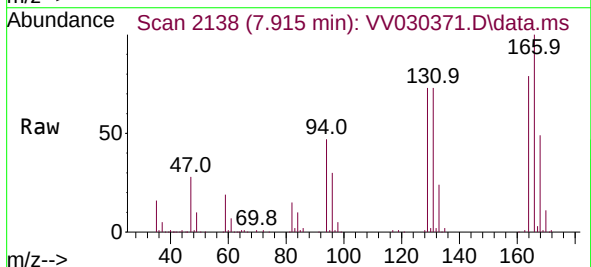
Instrument :
MSVOA_V
ClientSampleId :
VSTD005317

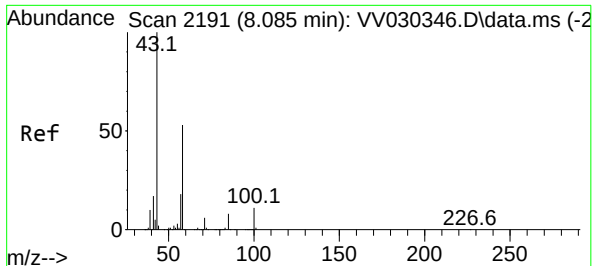
Tgt Ion:	97	Resp:	44045
Ion	Ratio	Lower	Upper
97	100		
99	57.8	44.0	81.8
83	82.4	58.8	109.2
85	53.3	37.2	69.0



#47
Tetrachloroethene
Concen: 4.921 ug/L
RT: 7.915 min Scan# 2138
Delta R.T. 0.003 min
Lab File: VV030371.D
Acq: 30 Mar 2023 19:57

Tgt Ion:	164	Resp:	57026
Ion	Ratio	Lower	Upper
164	100		
129	92.4	60.8	112.8
131	92.5	61.7	114.7
166	127.1	85.6	159.0

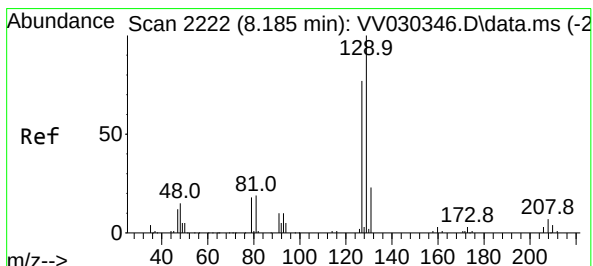
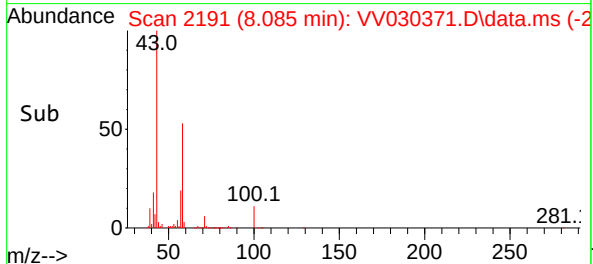
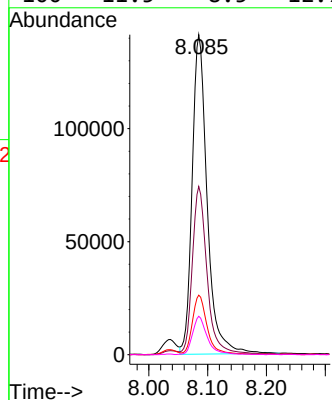
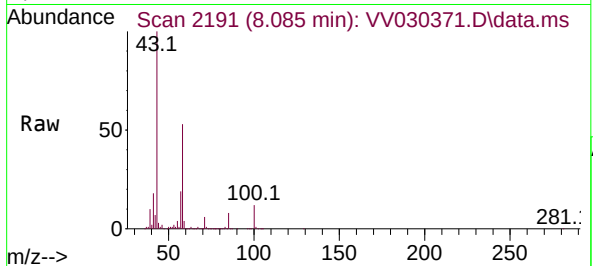




#48
2-Hexanone
Concen: 50.752 ug/L
RT: 8.085 min Scan# 2191
Delta R.T. -0.000 min
Lab File: VV030371.D
Acq: 30 Mar 2023 19:57

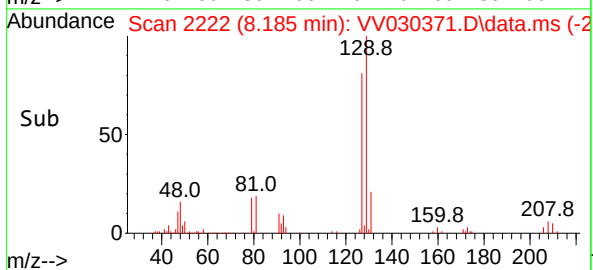
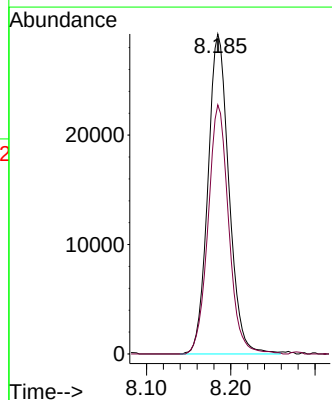
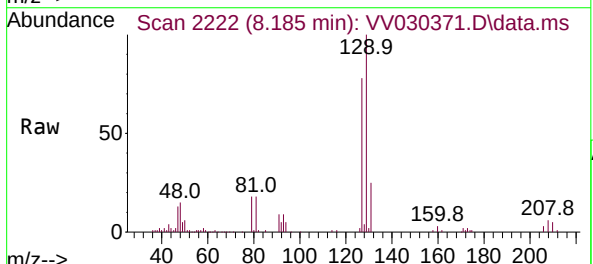
Instrument :
MSVOA_V
ClientSampleId :
VSTD005317

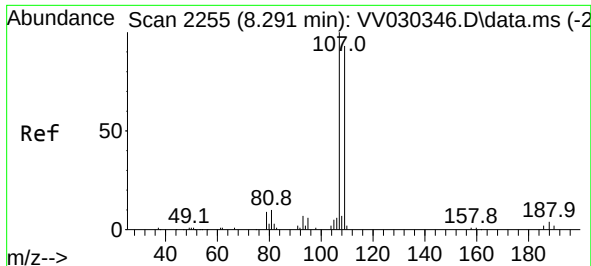
Tgt Ion: 43 Resp: 250345
Ion Ratio Lower Upper
43 100
58 51.1 40.3 60.5
57 17.6 14.6 22.0
100 11.5 8.5 12.7



#49
Dibromochloromethane
Concen: 4.849 ug/L
RT: 8.185 min Scan# 2222
Delta R.T. -0.000 min
Lab File: VV030371.D
Acq: 30 Mar 2023 19:57

Tgt Ion: 129 Resp: 50799
Ion Ratio Lower Upper
129 100
127 77.8 52.7 97.9





#50

1,2-Dibromoethane

Concen: 5.058 ug/L

RT: 8.291 min Scan# 21

Delta R.T. -0.000 min

Lab File: VV030371.D

Acq: 30 Mar 2023 19:57

Instrument :

MSVOA_V

ClientSampleId :

VSTD005317

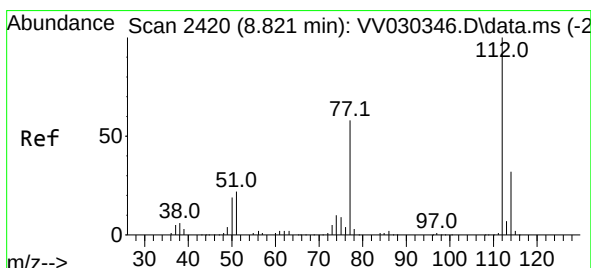
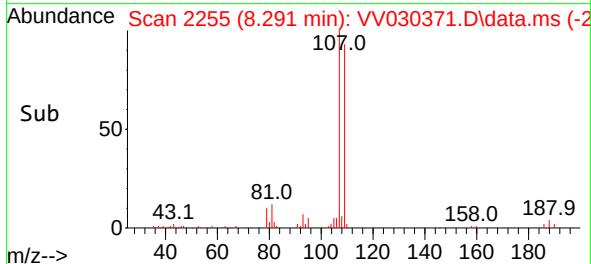
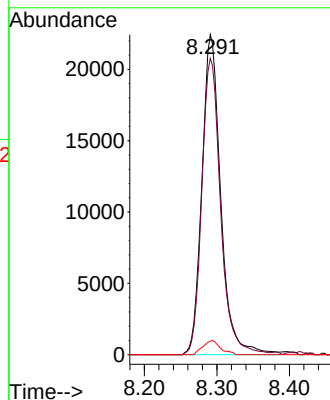
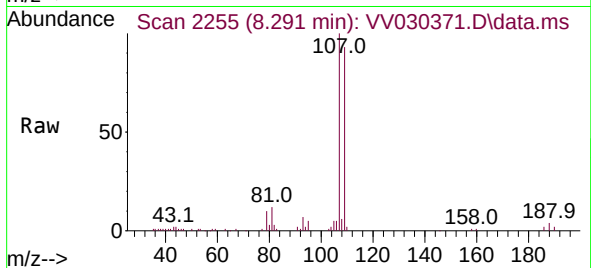
Tgt Ion:107 Resp: 40500

Ion Ratio Lower Upper

107 100

109 92.6 62.9 116.9

188 4.3 3.0 4.6



#51

Chlorobenzene

Concen: 5.124 ug/L

RT: 8.821 min Scan# 2420

Delta R.T. -0.000 min

Lab File: VV030371.D

Acq: 30 Mar 2023 19:57

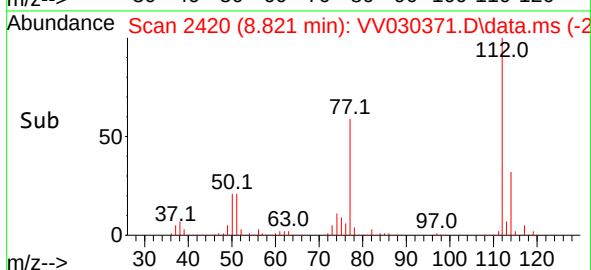
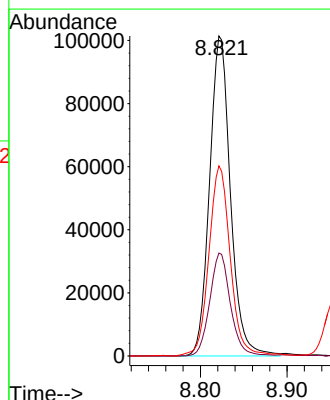
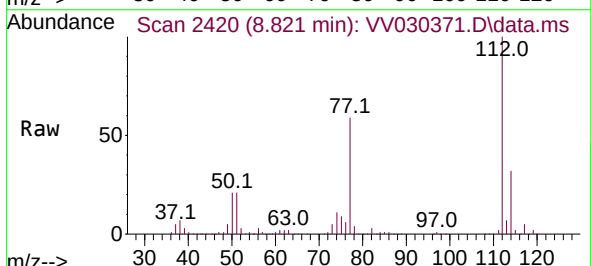
Tgt Ion:112 Resp: 170125

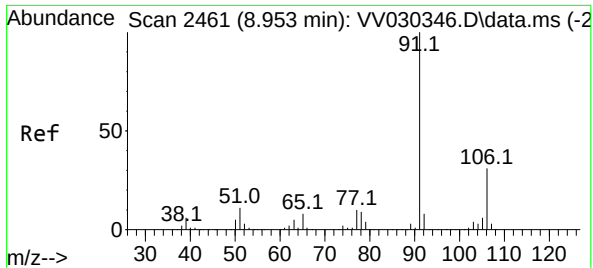
Ion Ratio Lower Upper

112 100

114 32.2 22.4 41.6

77 59.4 45.9 68.9

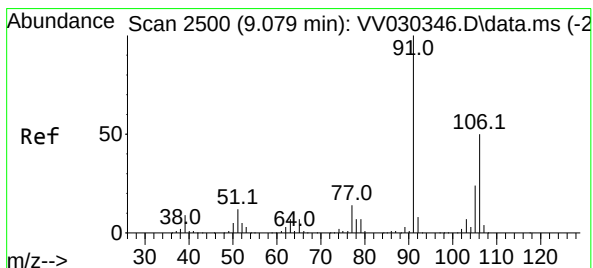
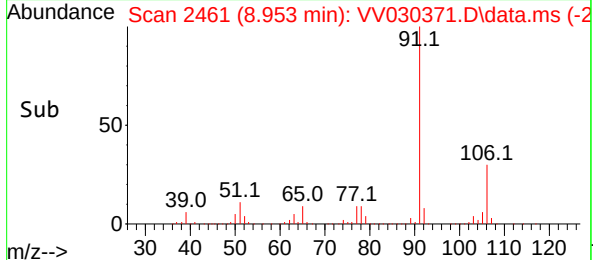
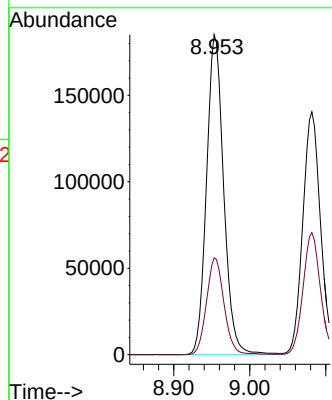
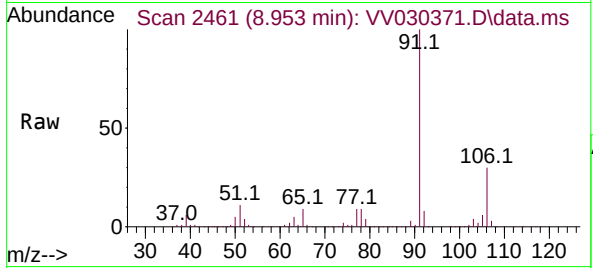




#52
Ethylbenzene
Concen: 5.121 ug/L
RT: 8.953 min Scan# 2461
Delta R.T. -0.000 min
Lab File: VV030371.D
Acq: 30 Mar 2023 19:57

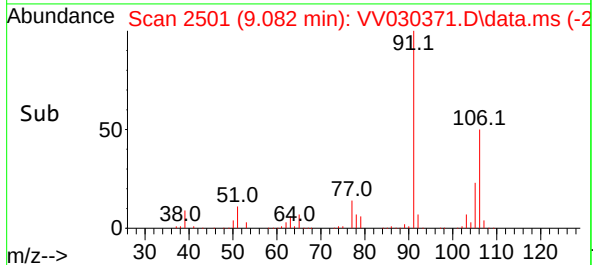
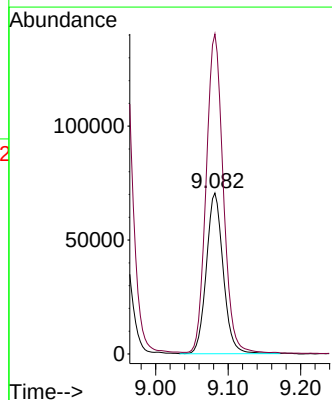
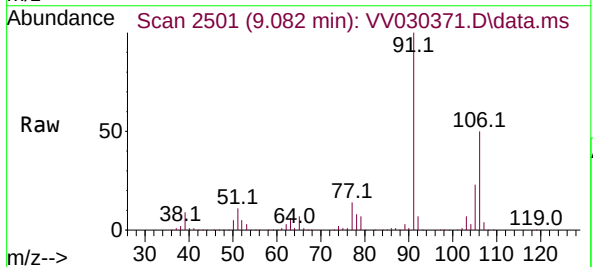
Instrument :
MSVOA_V
ClientSampleId :
VSTD005317

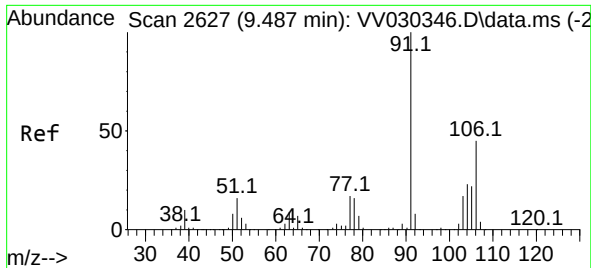
Tgt Ion: 91 Resp: 290524
Ion Ratio Lower Upper
91 100
106 30.2 22.2 41.2



#53
m,p-Xylene
Concen: 5.228 ug/L
RT: 9.082 min Scan# 2501
Delta R.T. 0.003 min
Lab File: VV030371.D
Acq: 30 Mar 2023 19:57

Tgt Ion: 106 Resp: 113550
Ion Ratio Lower Upper
106 100
91 198.9 142.4 264.4

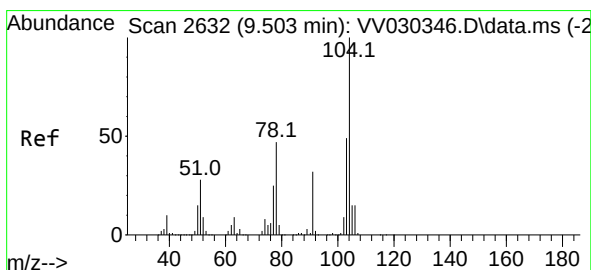
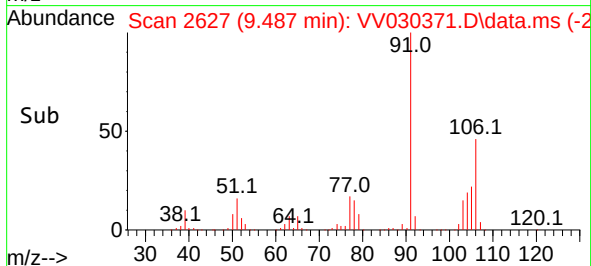
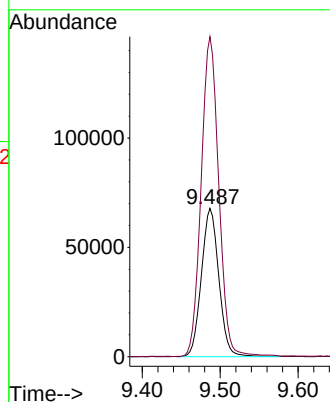
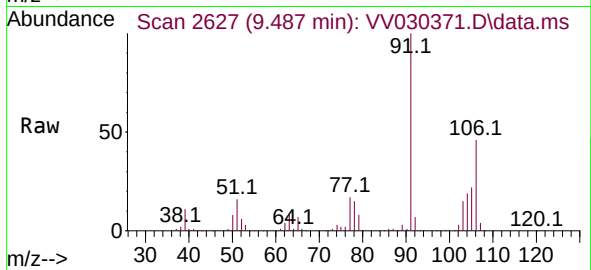




#54
o-Xylene
Concen: 5.078 ug/L
RT: 9.487 min Scan# 2627
Delta R.T. -0.000 min
Lab File: VV030371.D
Acq: 30 Mar 2023 19:57

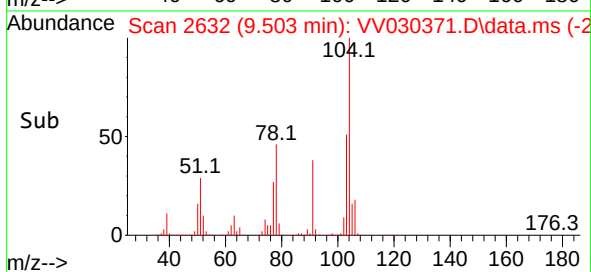
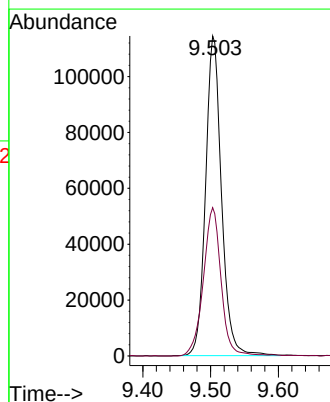
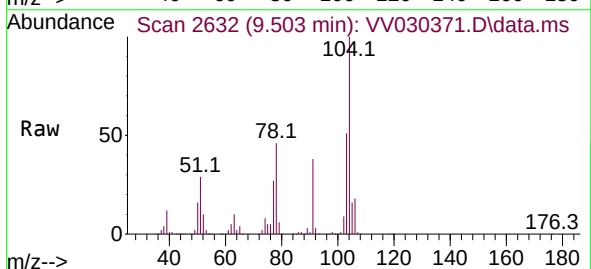
Instrument :
MSVOA_V
ClientSampleId :
VSTD005317

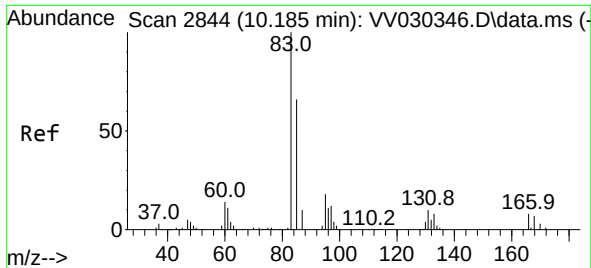
Tgt Ion:106 Resp: 105523
Ion Ratio Lower Upper
106 100
91 215.8 149.8 278.2



#55
Styrene
Concen: 5.293 ug/L
RT: 9.503 min Scan# 2632
Delta R.T. -0.000 min
Lab File: VV030371.D
Acq: 30 Mar 2023 19:57

Tgt Ion:104 Resp: 186815
Ion Ratio Lower Upper
104 100
78 46.4 31.9 59.2

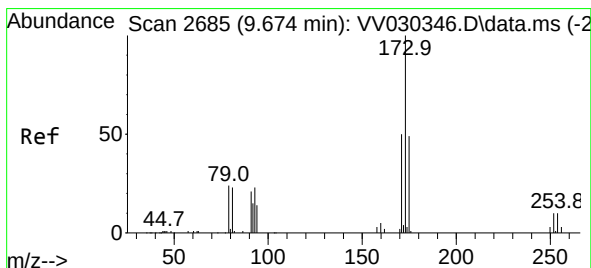
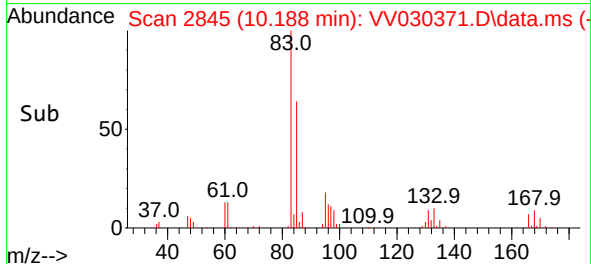
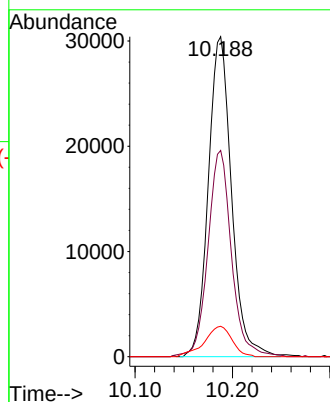
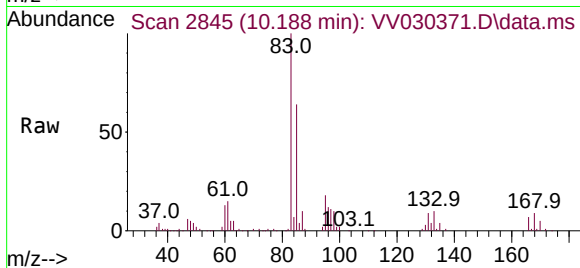




#57
1,1,2,2-Tetrachloroethane
Concen: 4.805 ug/L
RT: 10.188 min Scan# 2844
Delta R.T. 0.003 min
Lab File: VV030371.D
Acq: 30 Mar 2023 19:57

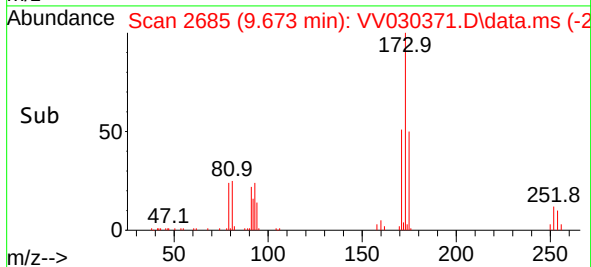
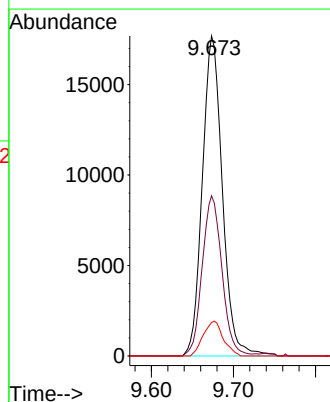
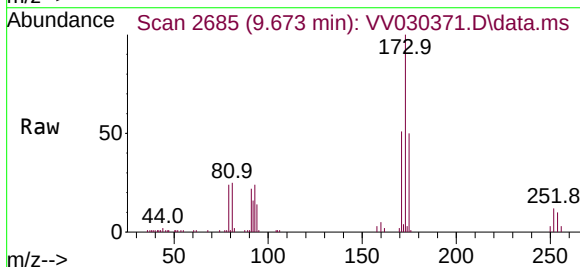
Instrument :
MSVOA_V
ClientSampleId :
VSTD005317

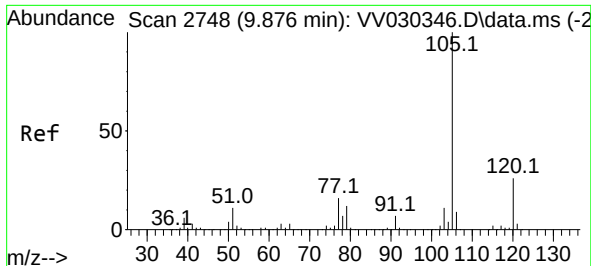
Tgt Ion: 83 Resp: 50197
Ion Ratio Lower Upper
83 100
85 64.5 45.3 84.1
131 9.5 8.2 12.4



#59
Bromoform
Concen: 4.671 ug/L
RT: 9.673 min Scan# 2685
Delta R.T. -0.000 min
Lab File: VV030371.D
Acq: 30 Mar 2023 19:57

Tgt Ion: 173 Resp: 30055
Ion Ratio Lower Upper
173 100
175 49.2 39.0 58.4
254 10.9 8.2 12.4

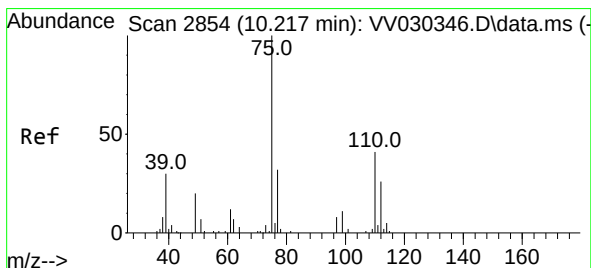
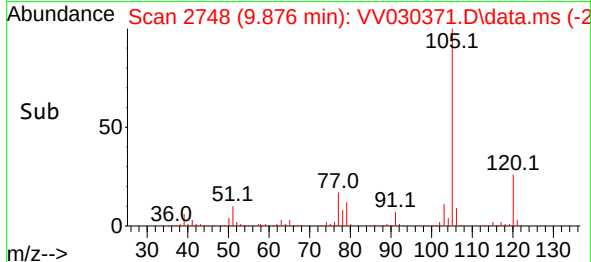
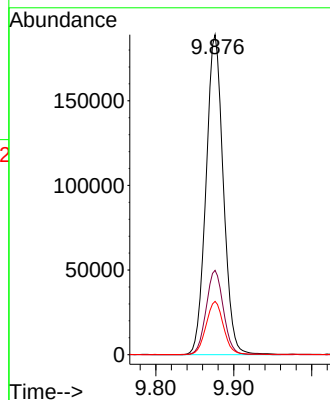
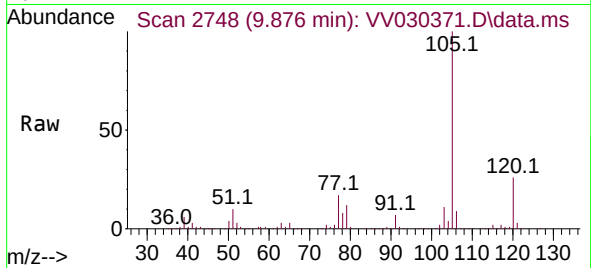




#60
Isopropylbenzene
Concen: 4.972 ug/L
RT: 9.876 min Scan# 21
Delta R.T. -0.000 min
Lab File: VV030371.D
Acq: 30 Mar 2023 19:57

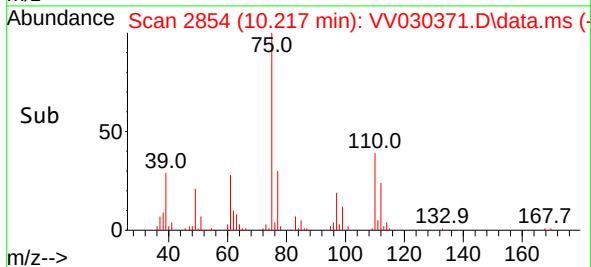
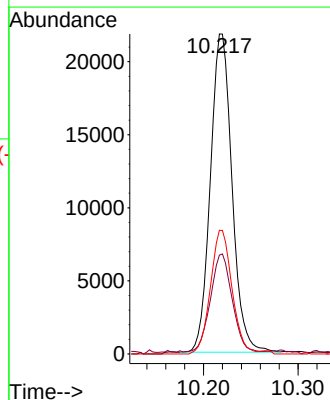
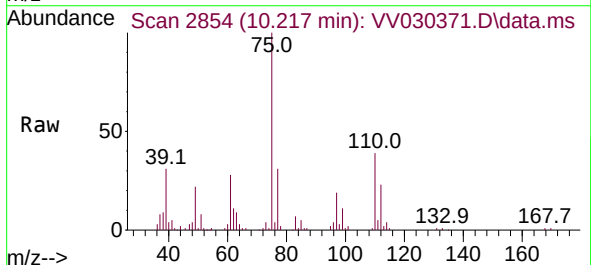
Instrument :
MSVOA_V
ClientSampleId :
VSTD005317

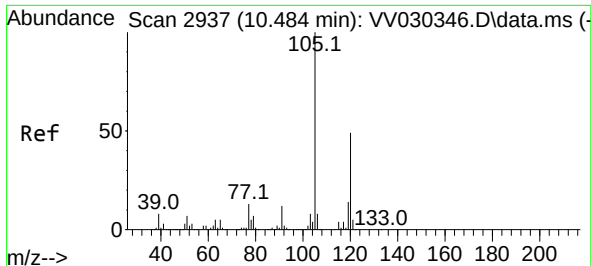
Tgt Ion:105 Resp: 291938
Ion Ratio Lower Upper
105 100
120 26.3 21.1 31.7
77 16.7 12.9 19.3



#61
1,2,3-Trichloropropane
Concen: 4.863 ug/L
RT: 10.217 min Scan# 2854
Delta R.T. -0.000 min
Lab File: VV030371.D
Acq: 30 Mar 2023 19:57

Tgt Ion: 75 Resp: 34618
Ion Ratio Lower Upper
75 100
77 30.4 26.0 39.0
110 38.7 31.6 47.4





#62

1,3,5-Trimethylbenzene

Concen: 4.934 ug/L

RT: 10.484 min Scan# 2937

Delta R.T. -0.000 min

Lab File: VV030371.D

Acq: 30 Mar 2023 19:57

Instrument :

MSVOA_V

ClientSampleId :

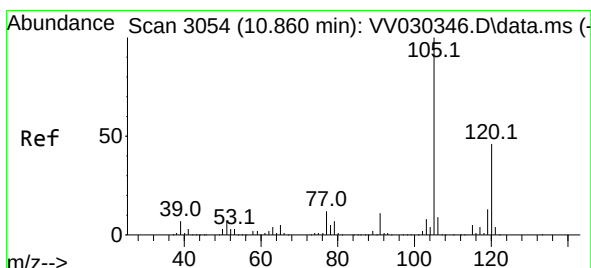
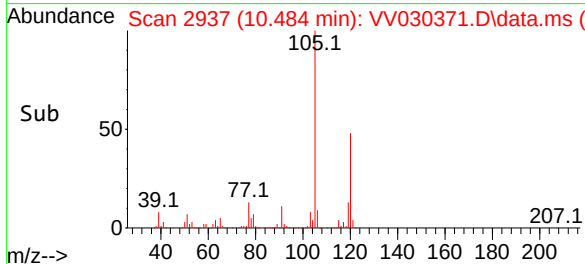
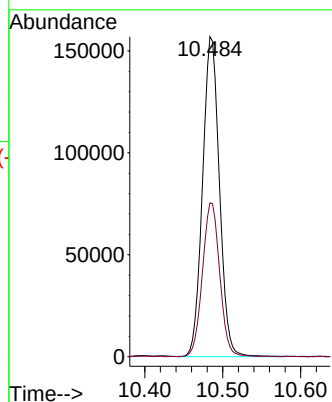
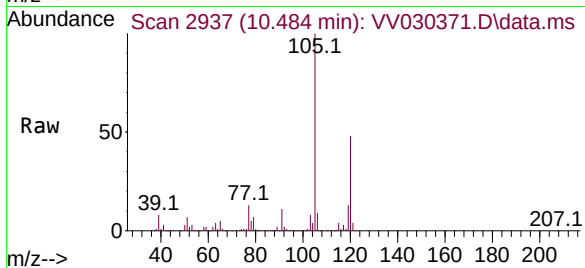
VSTD005317

Tgt Ion:105 Resp: 236371

Ion Ratio Lower Upper

105 100

120 48.9 38.9 58.3



#63

1,2,4-Trimethylbenzene

Concen: 5.008 ug/L

RT: 10.860 min Scan# 3054

Delta R.T. -0.000 min

Lab File: VV030371.D

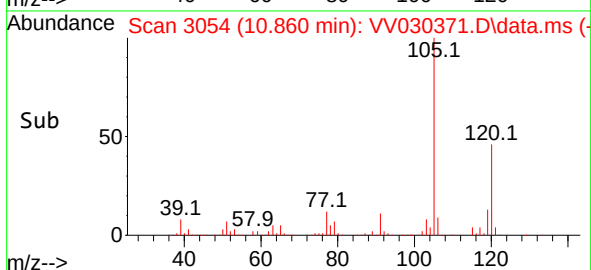
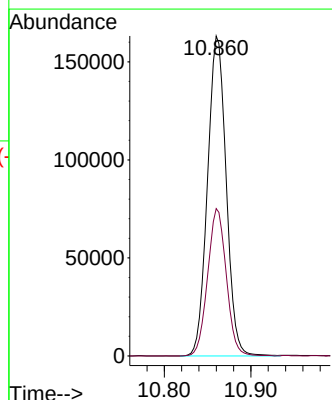
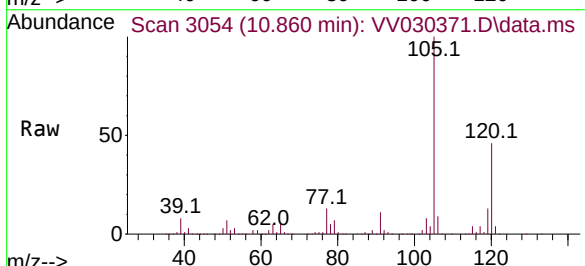
Acq: 30 Mar 2023 19:57

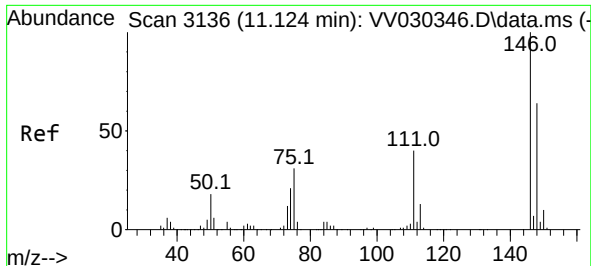
Tgt Ion:105 Resp: 244538

Ion Ratio Lower Upper

105 100

120 46.0 36.8 55.2

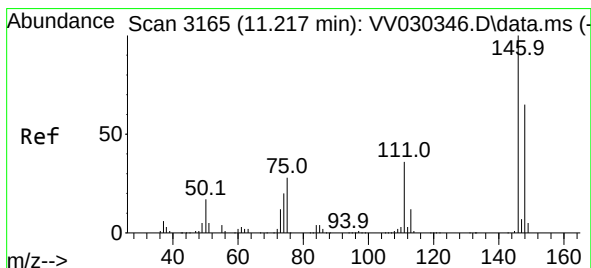
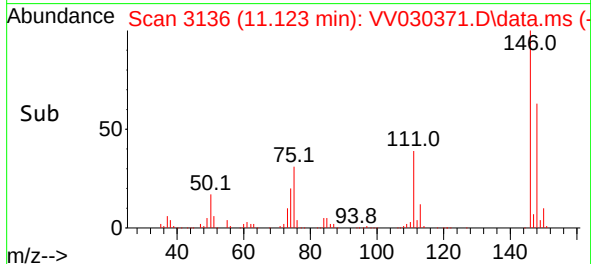
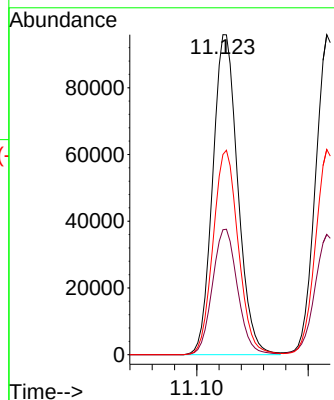
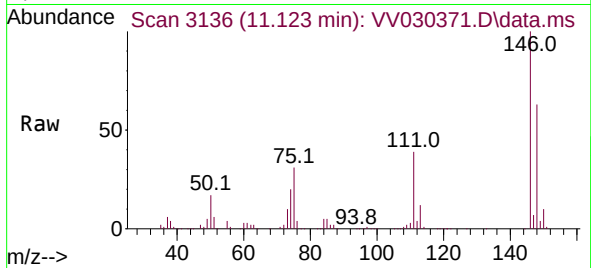




#64
1,3-Dichlorobenzene
Concen: 5.131 ug/L
RT: 11.123 min Scan# 3136
Delta R.T. -0.000 min
Lab File: VV030371.D
Acq: 30 Mar 2023 19:57

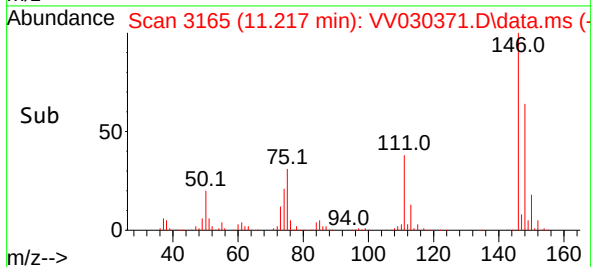
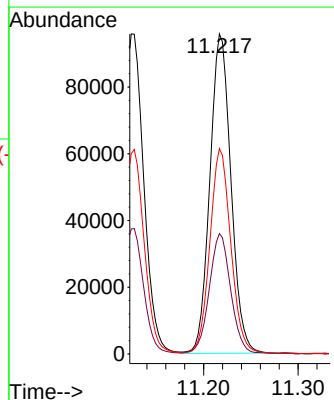
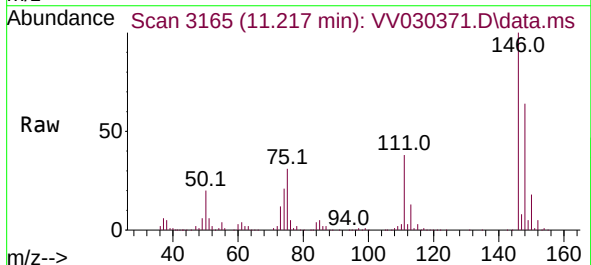
Instrument :
MSVOA_V
ClientSampleId :
VSTD005317

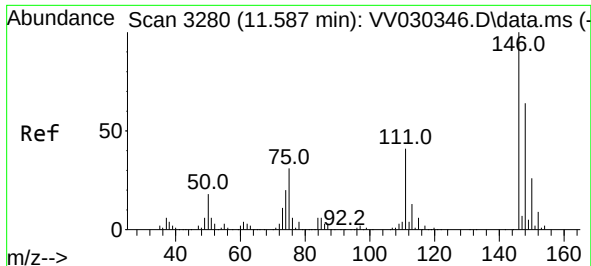
Tgt Ion:146 Resp: 150243
Ion Ratio Lower Upper
146 100
111 39.1 27.0 50.2
148 62.6 44.2 82.2



#65
1,4-Dichlorobenzene
Concen: 5.023 ug/L
RT: 11.217 min Scan# 3165
Delta R.T. -0.000 min
Lab File: VV030371.D
Acq: 30 Mar 2023 19:57

Tgt Ion:146 Resp: 148164
Ion Ratio Lower Upper
146 100
111 37.6 26.0 48.4
148 64.1 45.2 84.0

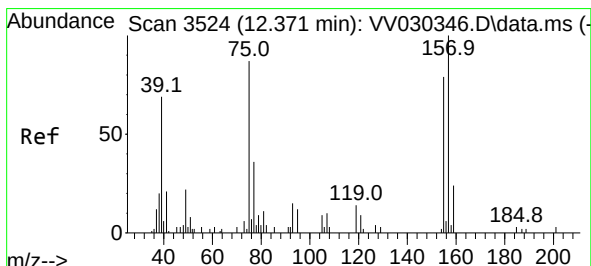
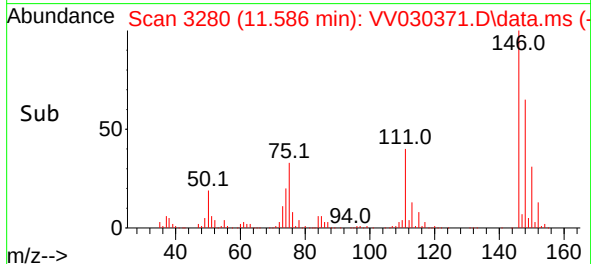
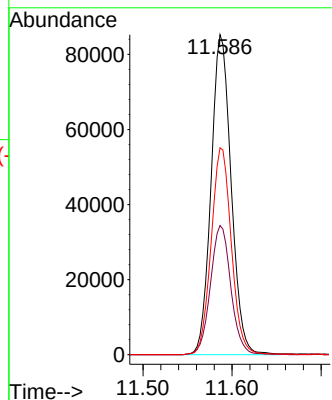
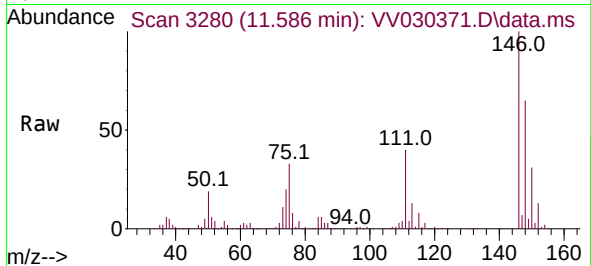




#67
1,2-Dichlorobenzene
Concen: 5.053 ug/L
RT: 11.586 min Scan# 311
Delta R.T. -0.000 min
Lab File: VV030371.D
Acq: 30 Mar 2023 19:57

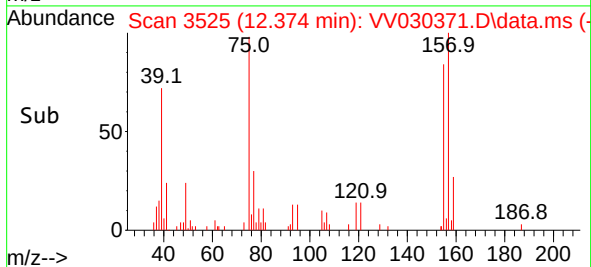
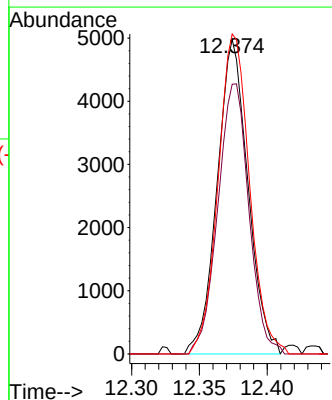
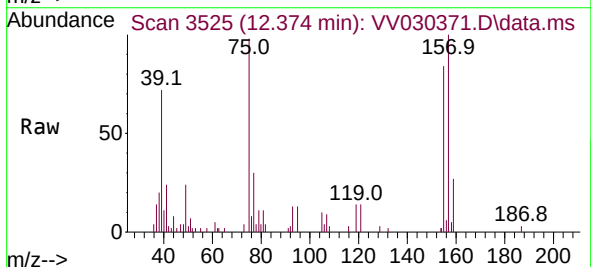
Instrument :
MSVOA_V
ClientSampleId :
VSTD005317

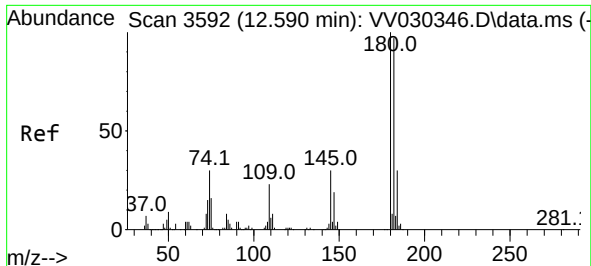
Tgt Ion:146 Resp: 133321
Ion Ratio Lower Upper
146 100
111 40.3 33.1 49.7
148 64.7 52.2 78.2



#68
1,2-Dibromo-3-chloropropane
Concen: 4.449 ug/L
RT: 12.374 min Scan# 3525
Delta R.T. 0.003 min
Lab File: VV030371.D
Acq: 30 Mar 2023 19:57

Tgt Ion: 75 Resp: 7877
Ion Ratio Lower Upper
75 100
155 85.8 64.6 96.8
157 101.8 83.8 125.6

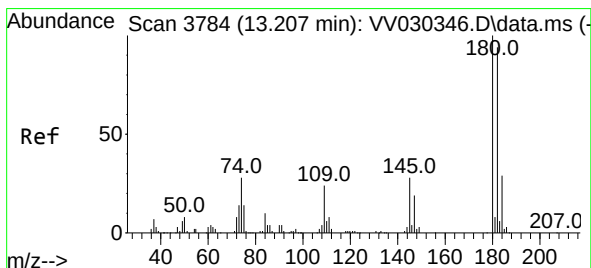
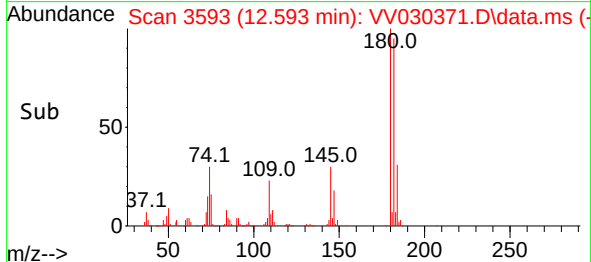
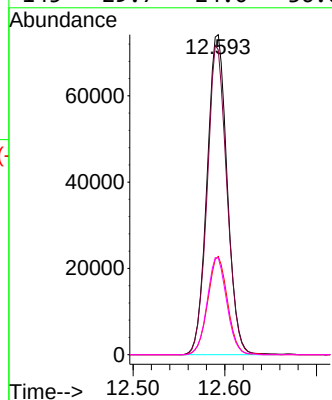
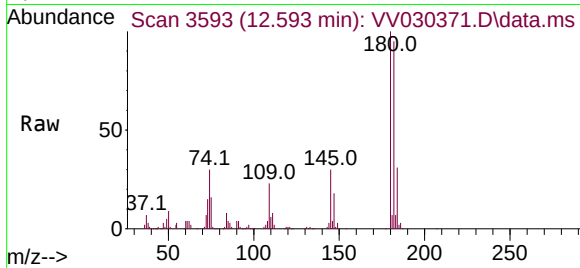




#69
 1,3,5-Trichlorobenzene
 Concen: 5.014 ug/L
 RT: 12.593 min Scan# 3593
 Delta R.T. 0.003 min
 Lab File: VV030371.D
 Acq: 30 Mar 2023 19:57

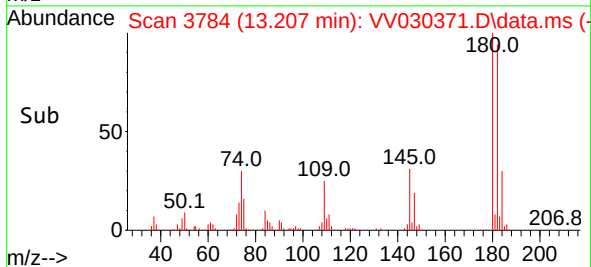
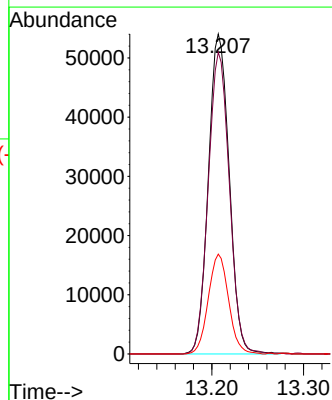
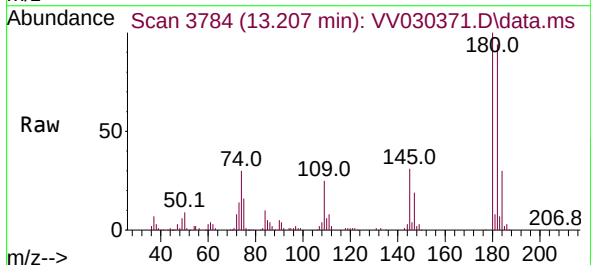
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005317

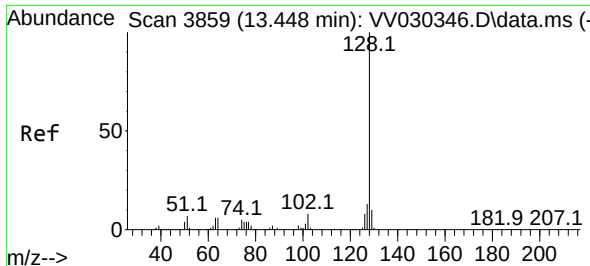
Tgt Ion:180	Resp:	113036
Ion Ratio	Lower	Upper
180	100	
182	94.7	76.5 114.7
184	30.1	24.0 36.0
145	29.7	24.0 36.0



#70
 1,2,4-trichlorobenzene
 Concen: 4.899 ug/L
 RT: 13.207 min Scan# 3784
 Delta R.T. -0.000 min
 Lab File: VV030371.D
 Acq: 30 Mar 2023 19:57

Tgt Ion:180	Resp:	85272
Ion Ratio	Lower	Upper
180	100	
182	95.6	75.3 112.9
145	30.4	23.8 35.6

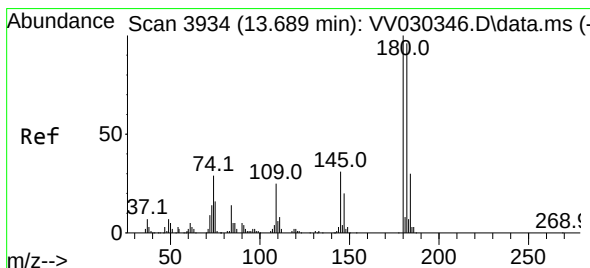
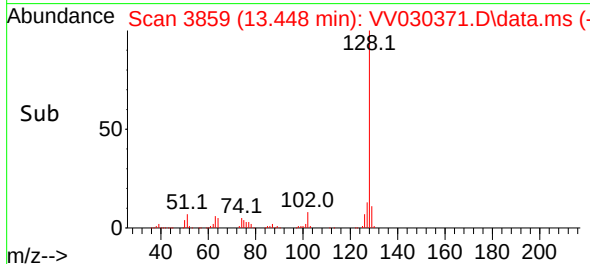
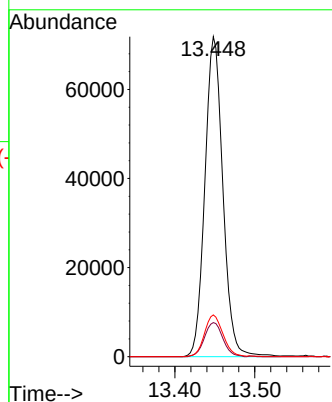
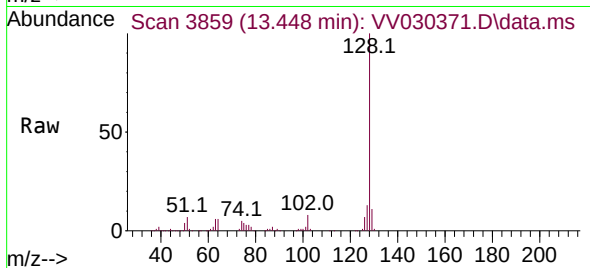




#71
Naphthalene
Concen: 4.531 ug/L
RT: 13.448 min Scan# 3859
Delta R.T. -0.000 min
Lab File: VV030371.D
Acq: 30 Mar 2023 19:57

Instrument :
MSVOA_V
ClientSampleId :
VSTD005317

Tgt Ion:	128	Resp:	112627
Ion Ratio	Lower	Upper	
128	100		
129	10.9	8.9	13.3
127	13.4	10.8	16.2



#72
1,2,3-Trichlorobenzene
Concen: 4.837 ug/L
RT: 13.689 min Scan# 3934
Delta R.T. -0.000 min
Lab File: VV030371.D
Acq: 30 Mar 2023 19:57

Tgt Ion:	180	Resp:	72941
Ion Ratio	Lower	Upper	
180	100		
182	94.3	76.6	115.0
145	31.2	25.0	37.4

