

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW033023\
 Data File : VW030346.D
 Acq On : 30 Mar 2023 09:23
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005316

Quant Time: Mar 31 05:31:56 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR032323WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Mar 30 01:55:26 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.542	114	138530	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.793	117	136676	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.194	152	79932	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.282	65	41104	4.480	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	89.600%
7) Chloroethane-d5	1.536	69	41850	4.700	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	94.000%
11) 1,1-Dichloroethene-d2	2.066	63	101727	4.673	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	93.400%
20) 2-Butanone-d5	3.818	46	125344	52.856	ug/L	-0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	105.720%
24) Chloroform-d	4.259	84	113008	5.089	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	101.800%
26) 1,2-Dichloroethane-d4	4.950	65	53642	5.120	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	102.400%
32) Benzene-d6	4.966	84	196163	5.093	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	101.800%
36) 1,2-Dichloropropane-d6	5.995	67	60459	5.014	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	100.200%
41) Toluene-d8	7.249	98	182741	5.167	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	103.400%
43) trans-1,3-Dichloroprop...	7.558	79	21195	4.669	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	93.400%
46) 2-Hexanone-d5	8.034	63	95400	52.295	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	104.600%
56) 1,1,2,2-Tetrachloroeth...	10.159	84	47851	5.035	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	100.800%
66) 1,2-Dichlorobenzene-d4	11.571	152	67526	4.727	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	94.600%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.108	85	86373	4.904	ug/L	100
3) Chloromethane	1.217	50	103827	4.672	ug/L	98
5) Vinyl chloride	1.285	62	76827	4.742	ug/L	99
6) Bromomethane	1.491	94	23350	5.053	ug/L	98
8) Chloroethane	1.555	64	46955	5.060	ug/L	97
9) Trichlorofluoromethane	1.719	101	120238	5.091	ug/L	97
10) 1,1,2-Trichloro-1,2,2-...	2.073	101	64012	4.911	ug/L	99
12) 1,1-Dichloroethene	2.076	96	58540	5.058	ug/L	89
13) Acetone	2.146	43	114885	50.661	ug/L	83
14) Carbon disulfide	2.246	76	186162	4.883	ug/L	99
15) Methyl Acetate	2.391	43	20674	5.102	ug/L	92
16) Methylene chloride	2.452	84	64371	4.702	ug/L	96
17) Methyl tert-butyl Ether	2.712	73	113388	4.625	ug/L	99
18) trans-1,2-Dichloroethene	2.700	96	56545	4.637	ug/L	97
19) 1,1-Dichloroethane	3.118	63	114373	4.838	ug/L	97
21) 2-Butanone	3.896	43	152485	53.424	ug/L	96
22) cis-1,2-Dichloroethene	3.825	96	59975	4.901	ug/L	99
23) Bromochloromethane	4.156	128	27800	4.864	ug/L	96
25) Chloroform	4.285	83	119924	5.020	ug/L	93

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 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005316

Quant Time: Mar 31 05:31:56 2023
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 Response via : Initial Calibration

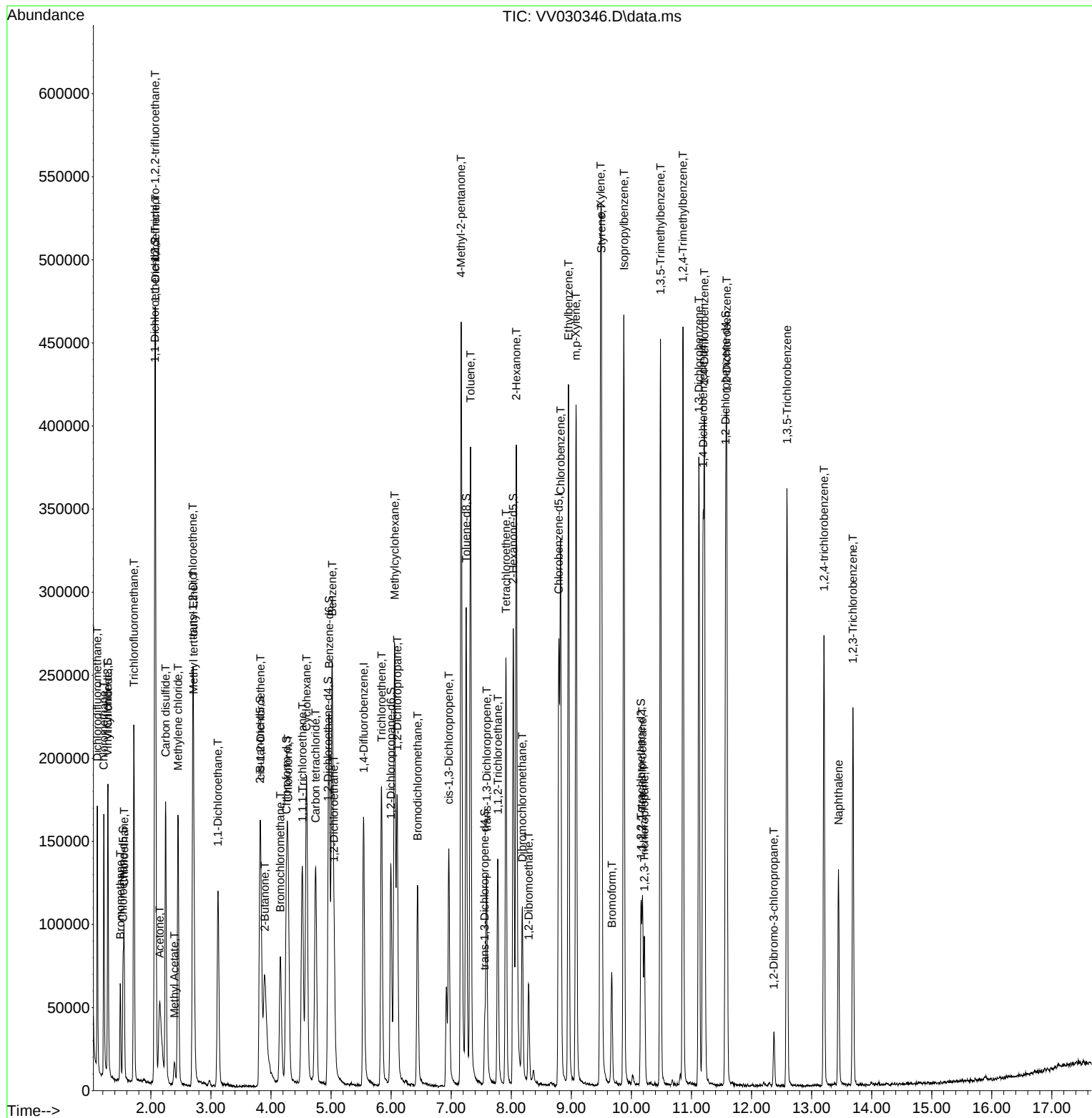
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.050	62	72821	5.042	ug/L	97
29) 1,1,1-Trichloroethane	4.523	97	109574	4.988	ug/L	98
30) Cyclohexane	4.593	56	96433	4.819	ug/L	100
31) Carbon tetrachloride	4.744	117	99325	4.983	ug/L	99
33) Benzene	5.018	78	245752	5.062	ug/L	100
34) Trichloroethene	5.841	95	63821	4.875	ug/L	97
35) Methylcyclohexane	6.059	83	99987	4.865	ug/L	99
37) 1,2-Dichloropropane	6.101	63	61579	4.941	ug/L	100
38) Bromodichloromethane	6.439	83	81780	5.011	ug/L	99
39) cis-1,3-Dichloropropene	6.960	75	82878	4.729	ug/L	99
40) 4-Methyl-2-pentanone	7.166	43	330090	50.264	ug/L	100
42) Toluene	7.323	91	272169	5.264	ug/L	98
44) trans-1,3-Dichloropropene	7.590	75	69665	4.672	ug/L	99
45) 1,1,2-Trichloroethane	7.776	97	42567	4.851	ug/L	98
47) Tetrachloroethene	7.912	164	57363	4.964	ug/L	99
48) 2-Hexanone	8.085	43	260033	52.870	ug/L	98
49) Dibromochloromethane	8.185	129	50962	4.879	ug/L	98
50) 1,2-Dibromoethane	8.291	107	38541	4.828	ug/L	96
51) Chlorobenzene	8.821	112	165899	5.011	ug/L	99
52) Ethylbenzene	8.953	91	281555	4.977	ug/L	99
53) m,p-Xylene	9.079	106	110438	5.100	ug/L	99
54) o-Xylene	9.487	106	102492	4.946	ug/L	96
55) Styrene	9.503	104	181927	5.169	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.185	83	49700	4.772	ug/L	98
59) Bromoform	9.674	173	29732	4.602	ug/L	98
60) Isopropylbenzene	9.876	105	285903	4.850	ug/L	99
61) 1,2,3-Trichloropropane	10.217	75	33843	4.736	ug/L	100
62) 1,3,5-Trimethylbenzene	10.484	105	226719	4.713	ug/L	98
63) 1,2,4-Trimethylbenzene	10.860	105	237654	4.848	ug/L	99
64) 1,3-Dichlorobenzene	11.124	146	145856	4.962	ug/L	99
65) 1,4-Dichlorobenzene	11.217	146	143920	4.860	ug/L	100
67) 1,2-Dichlorobenzene	11.587	146	127807	4.825	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.371	75	7182	4.040	ug/L	90
69) 1,3,5-Trichlorobenzene	12.590	180	108225	4.782	ug/L	98
70) 1,2,4-trichlorobenzene	13.207	180	80057	4.581	ug/L	99
71) Naphthalene	13.448	128	99513	3.987	ug/L	99
72) 1,2,3-Trichlorobenzene	13.689	180	66119	4.368	ug/L	100

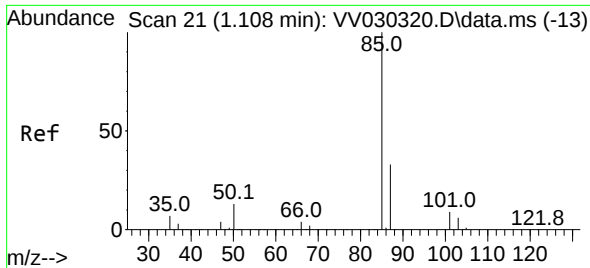
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 Data File : VV030346.D
 Acq On : 30 Mar 2023 09:23
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 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
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 ClientSampleId :
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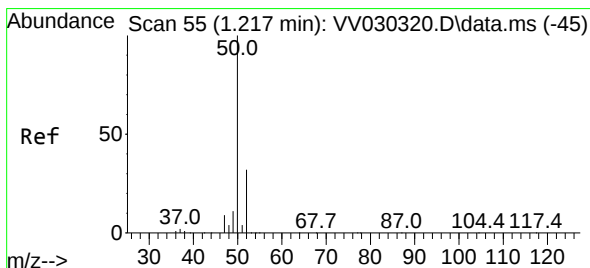
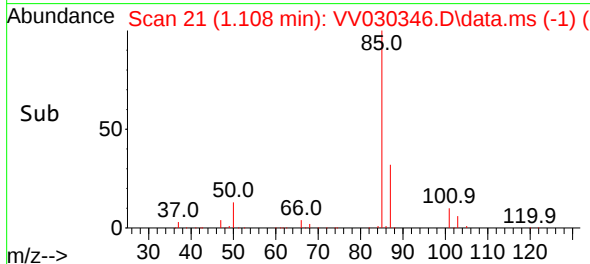
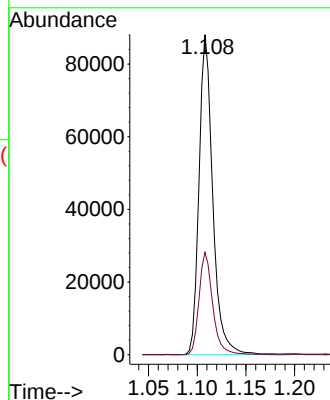
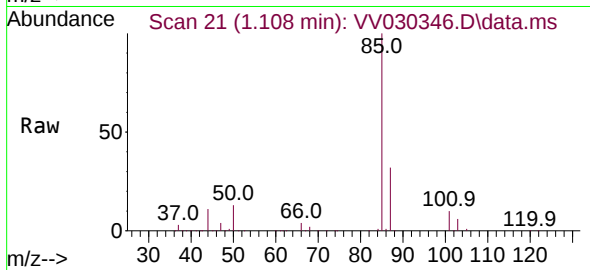




#2
 Dichlorodifluoromethane
 Concen: 4.904 ug/L
 RT: 1.108 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VV030346.D
 Acq: 30 Mar 2023 09:23

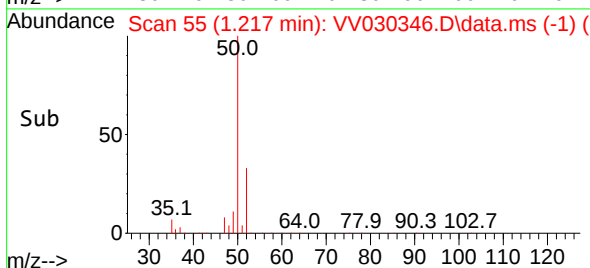
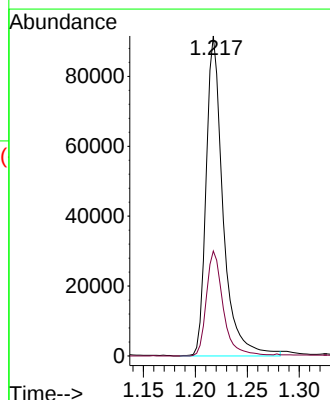
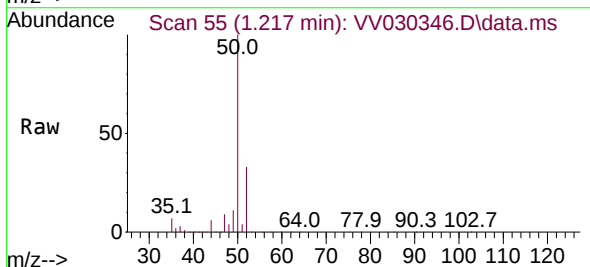
Instrument :
 MSVOA_V
 ClientSampleId :
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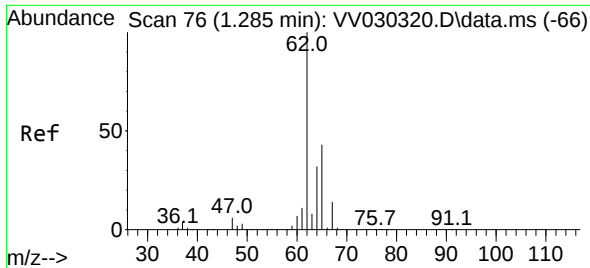
Tgt Ion: 85 Resp: 86373
 Ion Ratio Lower Upper
 85 100
 87 31.9 25.6 38.4



#3
 Chloromethane
 Concen: 4.672 ug/L
 RT: 1.217 min Scan# 55
 Delta R.T. 0.000 min
 Lab File: VV030346.D
 Acq: 30 Mar 2023 09:23

Tgt Ion: 50 Resp: 103827
 Ion Ratio Lower Upper
 50 100
 52 32.8 22.3 41.5

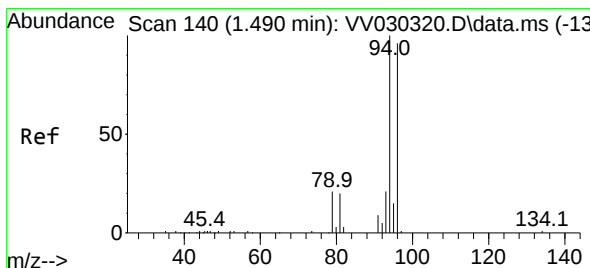
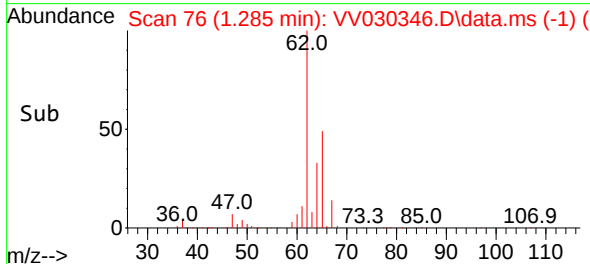
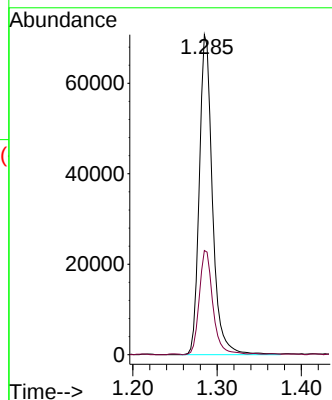
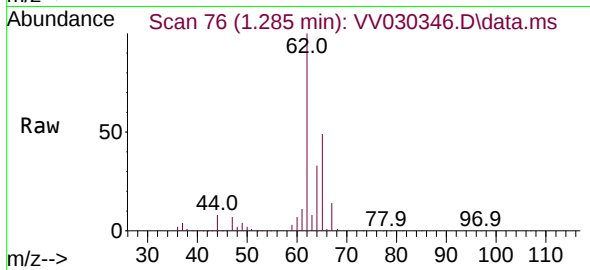




#5
 Vinyl chloride
 Concen: 4.742 ug/L
 RT: 1.285 min Scan# 76
 Delta R.T. 0.000 min
 Lab File: VV030346.D
 Acq: 30 Mar 2023 09:23

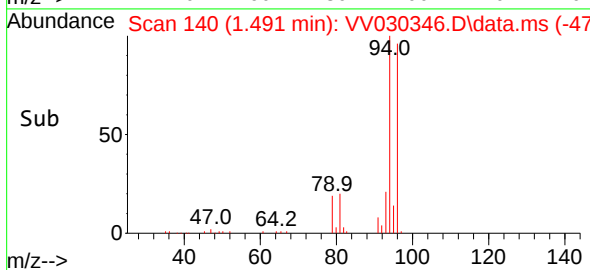
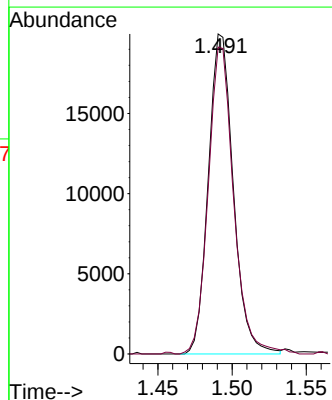
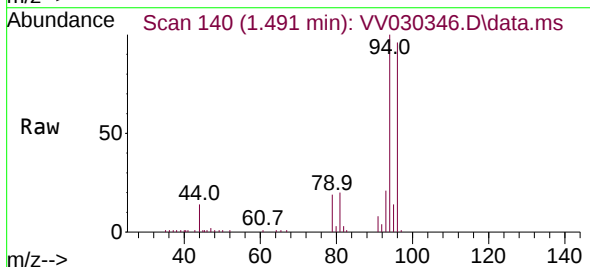
Instrument :
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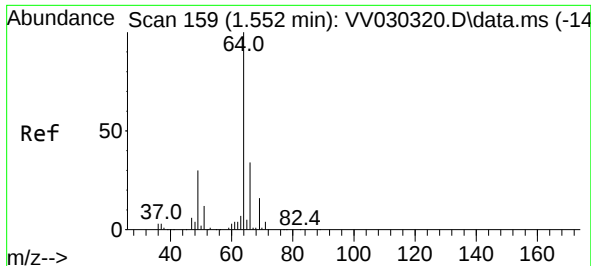
Tgt Ion: 62 Resp: 76827
 Ion Ratio Lower Upper
 62 100
 64 32.5 23.2 43.2



#6
 Bromomethane
 Concen: 5.053 ug/L
 RT: 1.491 min Scan# 140
 Delta R.T. 0.000 min
 Lab File: VV030346.D
 Acq: 30 Mar 2023 09:23

Tgt Ion: 94 Resp: 23350
 Ion Ratio Lower Upper
 94 100
 96 95.9 66.1 122.7

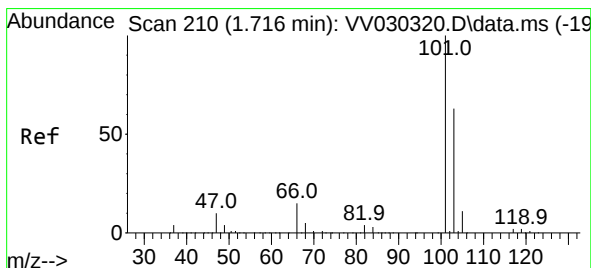
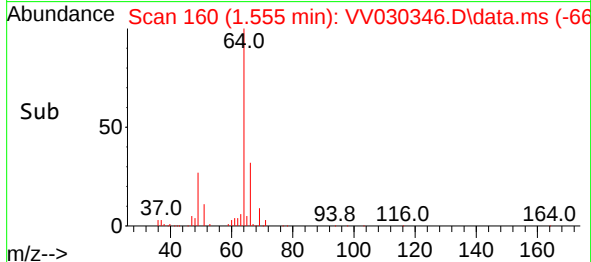
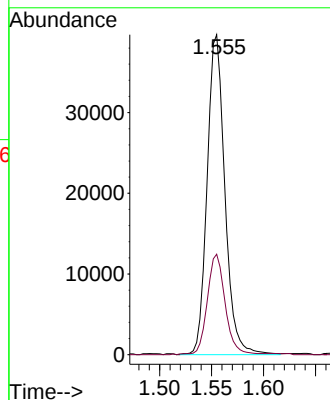
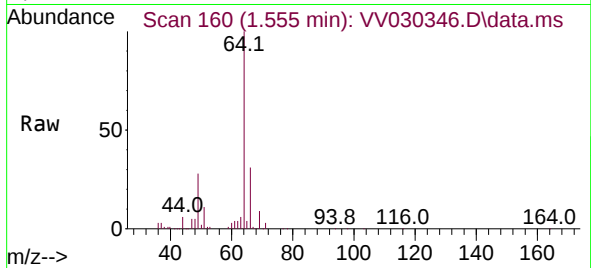




#8
Chloroethane
Concen: 5.060 ug/L
RT: 1.555 min Scan# 1
Delta R.T. 0.003 min
Lab File: VV030346.D
Acq: 30 Mar 2023 09:23

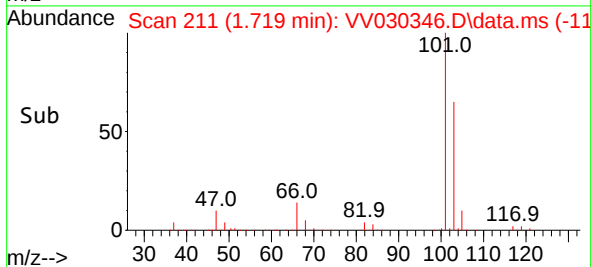
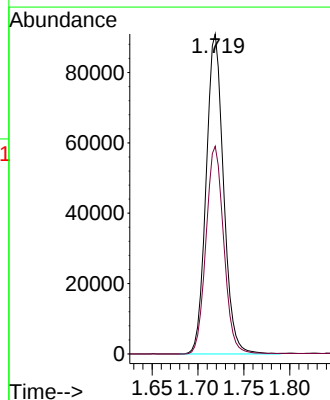
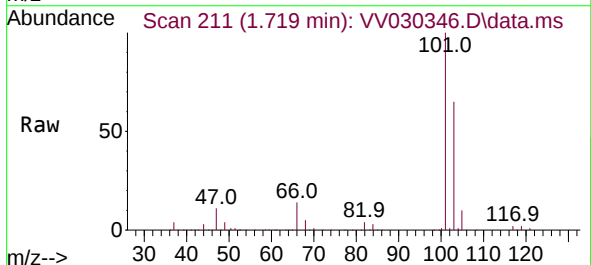
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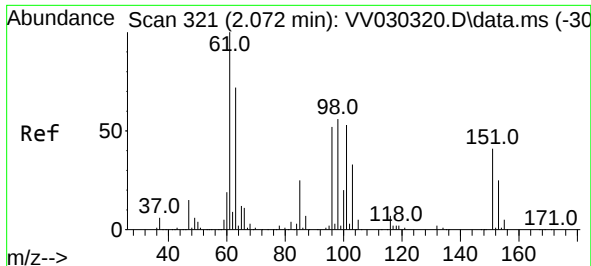
Tgt Ion: 64 Resp: 46955
Ion Ratio Lower Upper
64 100
66 31.4 23.0 42.8



#9
Trichlorofluoromethane
Concen: 5.091 ug/L
RT: 1.719 min Scan# 211
Delta R.T. 0.003 min
Lab File: VV030346.D
Acq: 30 Mar 2023 09:23

Tgt Ion:101 Resp: 120238
Ion Ratio Lower Upper
101 100
103 66.1 51.0 76.6

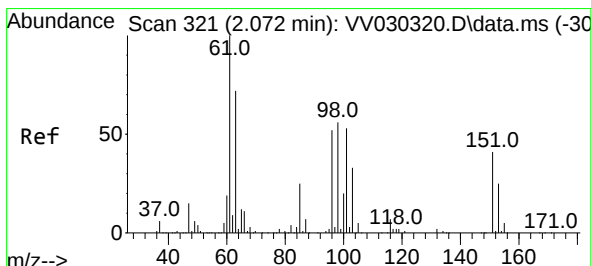
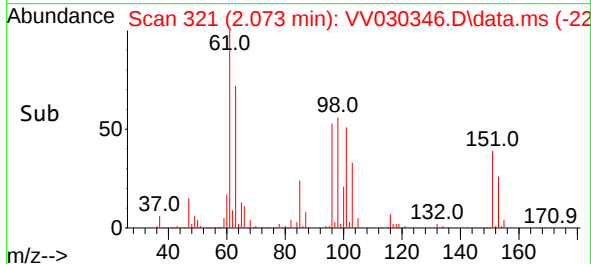
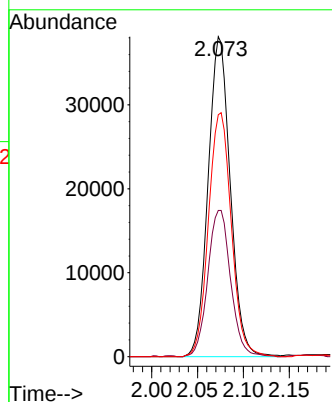
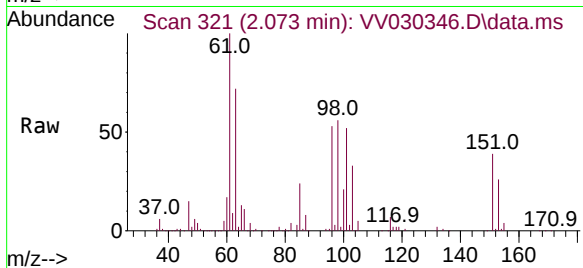




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 4.911 ug/L
RT: 2.073 min Scan# 31
Delta R.T. 0.000 min
Lab File: VV030346.D
Acq: 30 Mar 2023 09:23

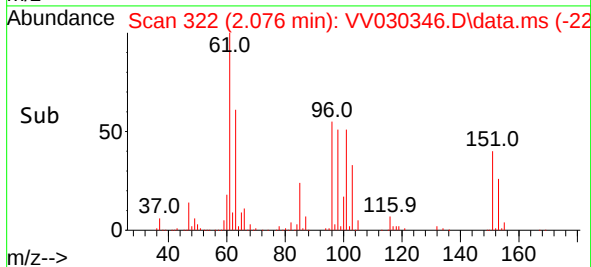
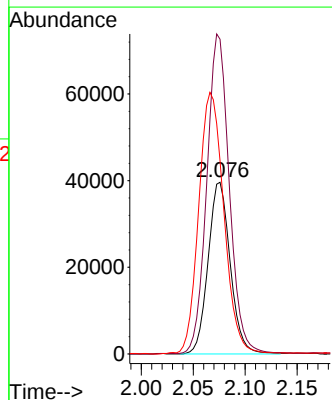
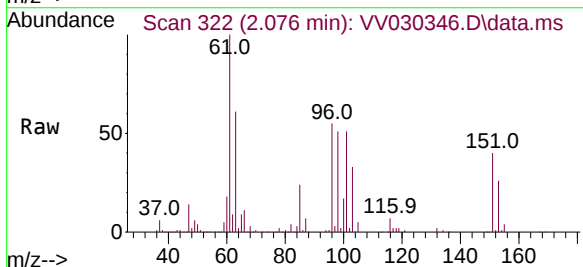
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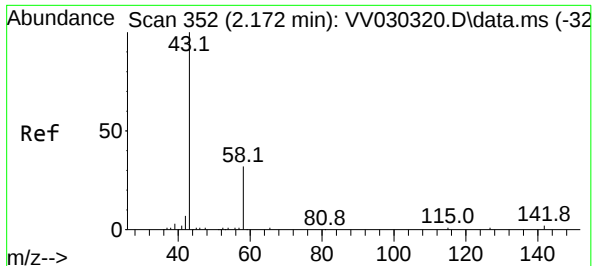
Tgt Ion:101 Resp: 64012
Ion Ratio Lower Upper
101 100
85 47.1 38.1 57.1
151 78.8 62.7 94.1



#12
1,1-Dichloroethene
Concen: 5.058 ug/L
RT: 2.076 min Scan# 322
Delta R.T. 0.003 min
Lab File: VV030346.D
Acq: 30 Mar 2023 09:23

Tgt Ion: 96 Resp: 58540
Ion Ratio Lower Upper
96 100
61 183.3 136.3 253.1
63 112.5 92.1 171.1





#13

Acetone

Concen: 50.661 ug/L

RT: 2.146 min Scan# 344

Delta R.T. -0.026 min

Lab File: VV030346.D

Acq: 30 Mar 2023 09:23

Instrument :

MSVOA_V

ClientSampleId :

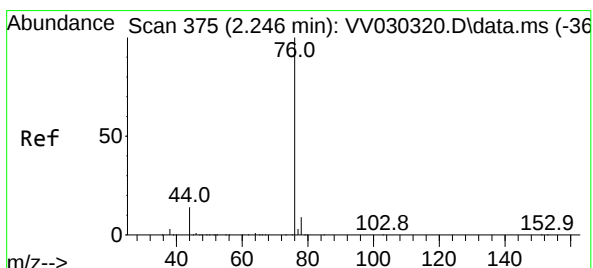
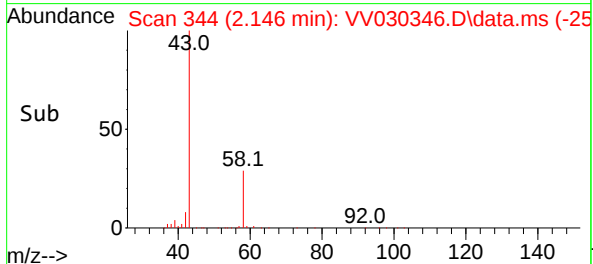
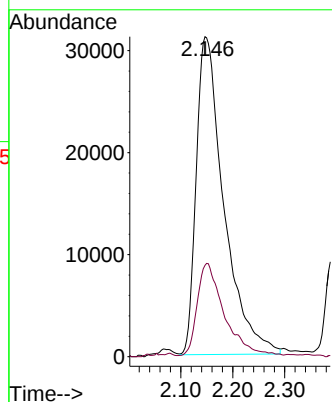
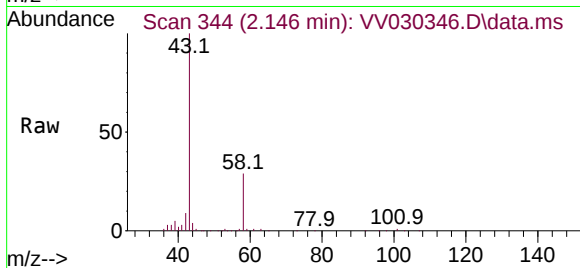
VSTD005316

Tgt Ion: 43 Resp: 114885

Ion Ratio Lower Upper

43 100

58 28.1 0.0 40.8



#14

Carbon disulfide

Concen: 4.883 ug/L

RT: 2.246 min Scan# 375

Delta R.T. 0.000 min

Lab File: VV030346.D

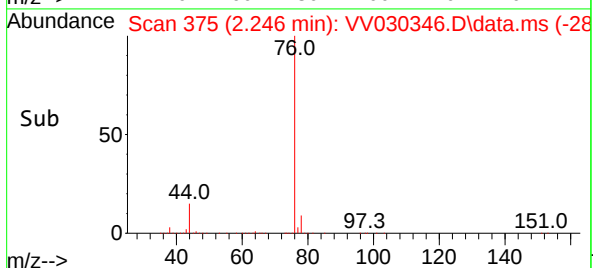
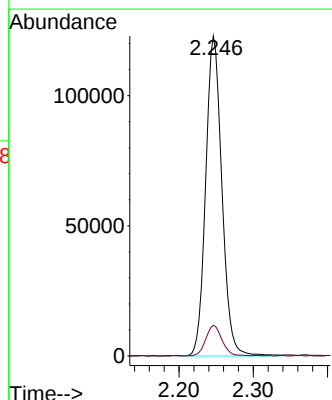
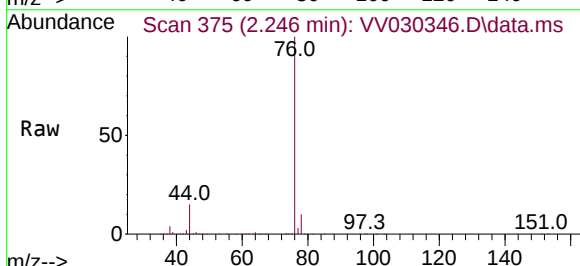
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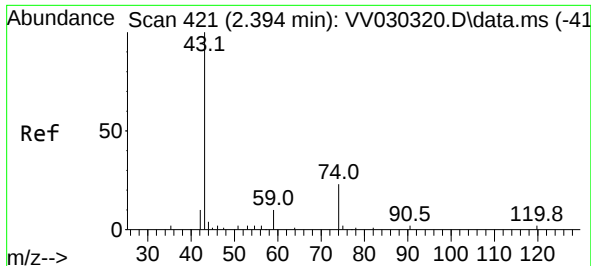
Tgt Ion: 76 Resp: 186162

Ion Ratio Lower Upper

76 100

78 9.6 7.3 10.9

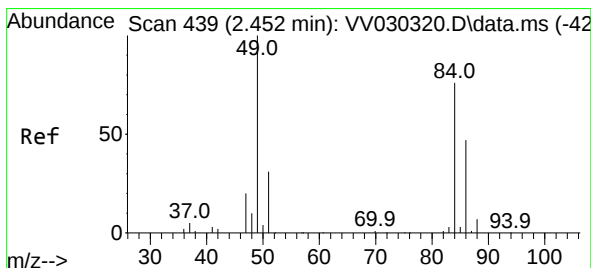
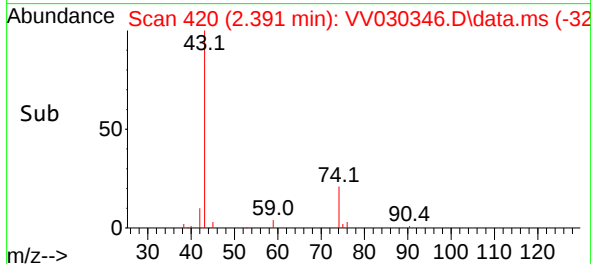
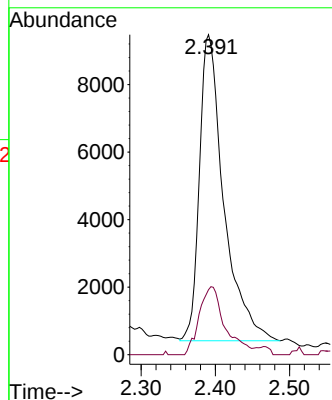
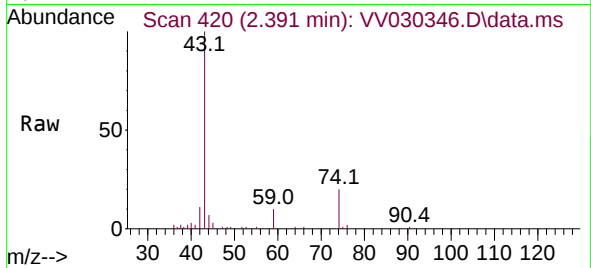




#15
Methyl Acetate
Concen: 5.102 ug/L
RT: 2.391 min Scan# 41
Delta R.T. -0.003 min
Lab File: VV030346.D
Acq: 30 Mar 2023 09:23

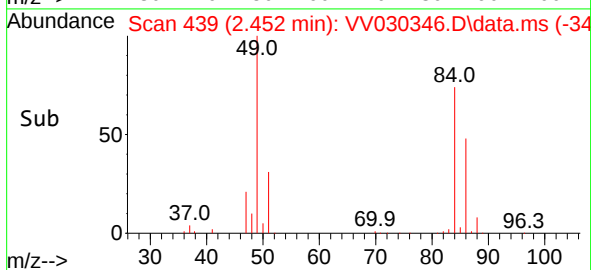
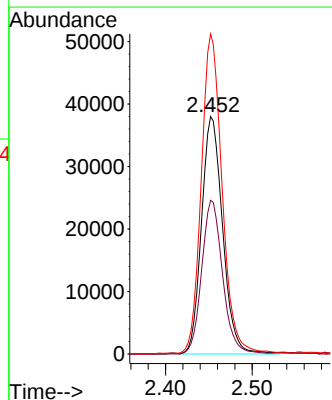
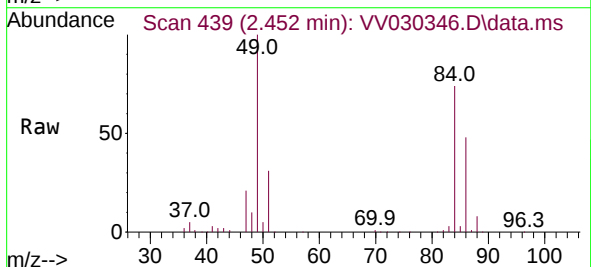
Instrument :
MSVOA_V
ClientSampleId :
VSTD005316

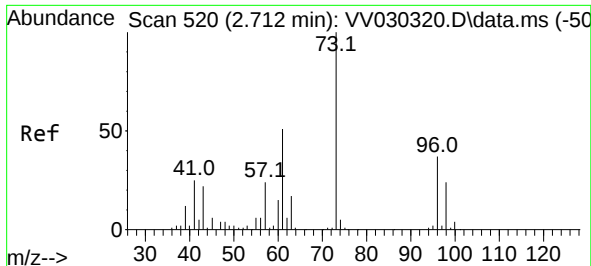
Tgt Ion: 43 Resp: 20674
Ion Ratio Lower Upper
43 100
74 23.3 22.1 33.1



#16
Methylene chloride
Concen: 4.702 ug/L
RT: 2.452 min Scan# 439
Delta R.T. 0.000 min
Lab File: VV030346.D
Acq: 30 Mar 2023 09:23

Tgt Ion: 84 Resp: 64371
Ion Ratio Lower Upper
84 100
86 64.6 44.0 81.6
49 134.7 90.6 168.3

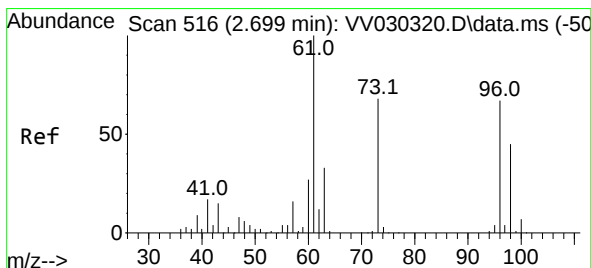
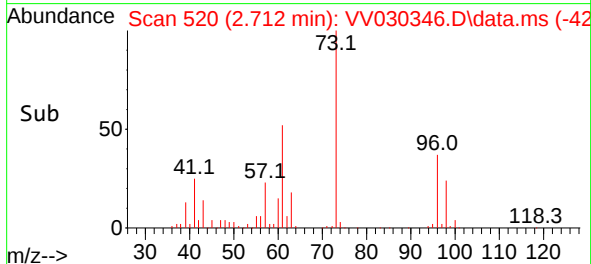
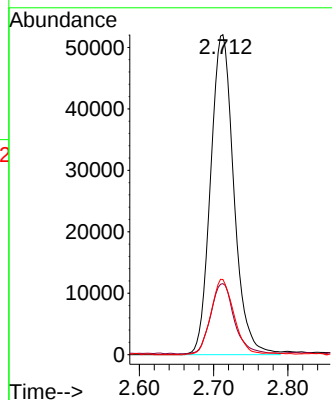
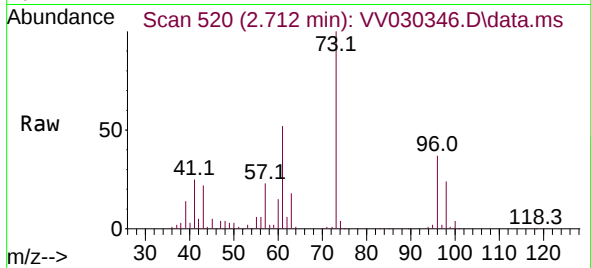




#17
Methyl tert-butyl Ether
Concen: 4.625 ug/L
RT: 2.712 min Scan# 516
Delta R.T. 0.000 min
Lab File: VV030346.D
Acq: 30 Mar 2023 09:23

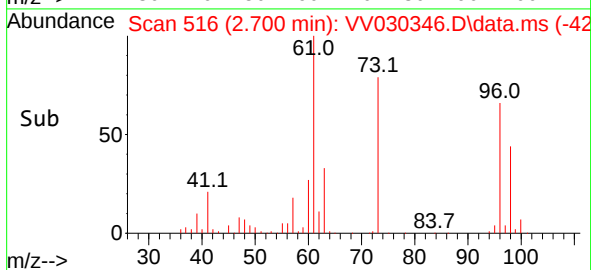
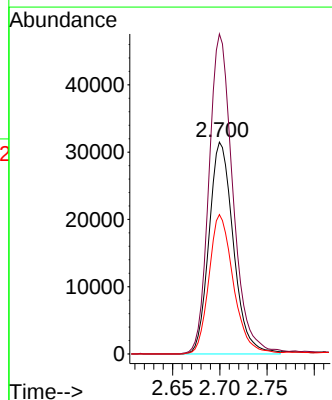
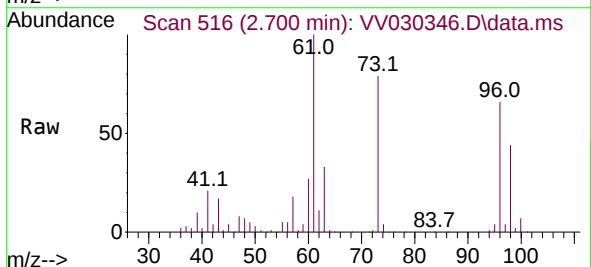
Instrument :
MSVOA_V
ClientSampleId :
VSTD005316

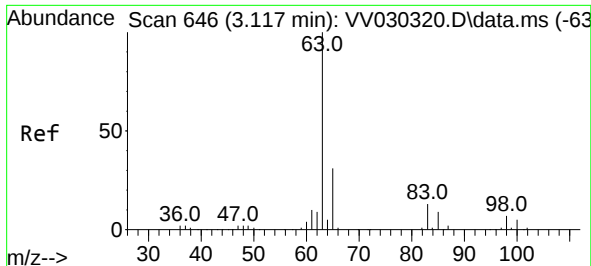
Tgt Ion: 73 Resp: 113388
Ion Ratio Lower Upper
73 100
43 22.3 17.4 26.2
57 23.3 18.3 27.5



#18
trans-1,2-Dichloroethene
Concen: 4.637 ug/L
RT: 2.700 min Scan# 516
Delta R.T. 0.000 min
Lab File: VV030346.D
Acq: 30 Mar 2023 09:23

Tgt Ion: 96 Resp: 56545
Ion Ratio Lower Upper
96 100
61 151.1 101.7 188.9
98 65.8 45.8 85.2





#19

1,1-Dichloroethane

Concen: 4.838 ug/L

RT: 3.118 min Scan# 64

Delta R.T. 0.000 min

Lab File: VV030346.D

Acq: 30 Mar 2023 09:23

Instrument :

MSVOA_V

ClientSampleId :

VSTD005316

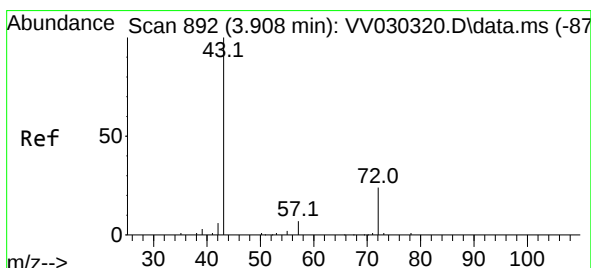
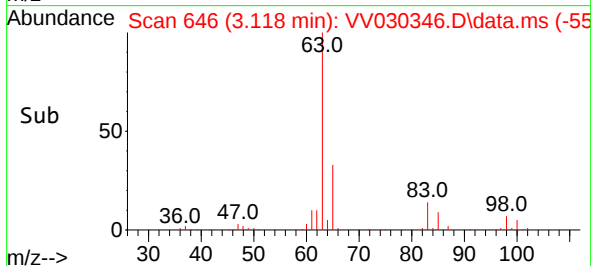
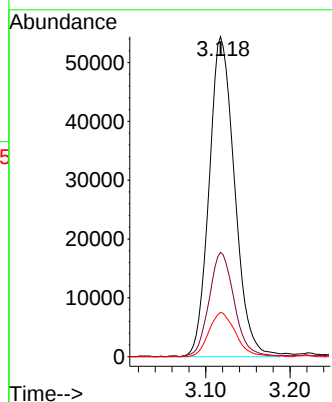
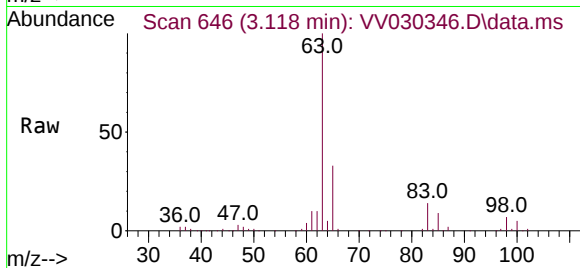
Tgt Ion: 63 Resp: 114373

Ion Ratio Lower Upper

63 100

65 32.6 21.7 40.3

83 13.8 9.1 16.9



#21

2-Butanone

Concen: 53.424 ug/L

RT: 3.896 min Scan# 888

Delta R.T. -0.013 min

Lab File: VV030346.D

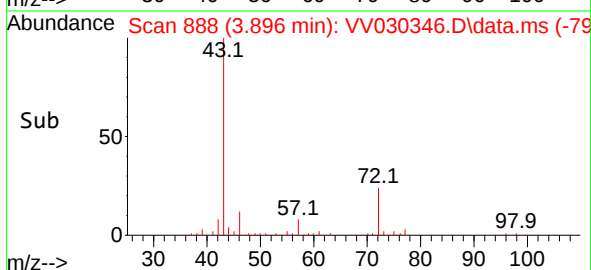
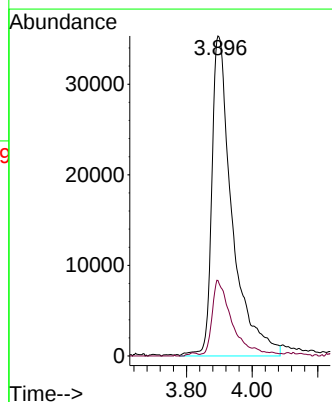
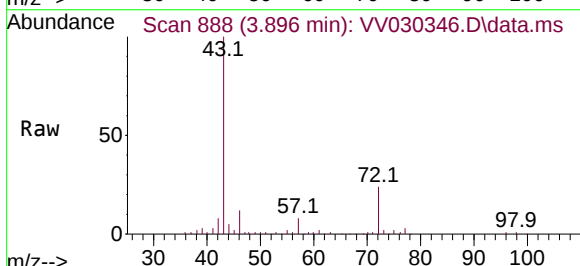
Acq: 30 Mar 2023 09:23

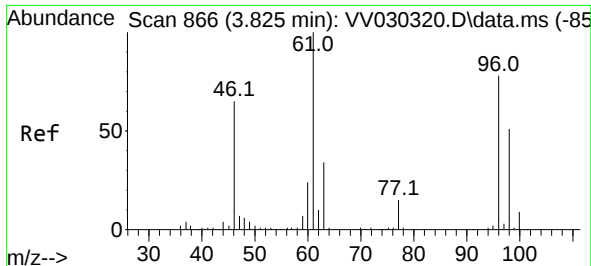
Tgt Ion: 43 Resp: 152485

Ion Ratio Lower Upper

43 100

72 20.6 11.2 33.5

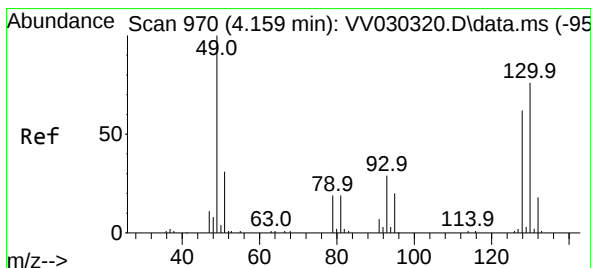
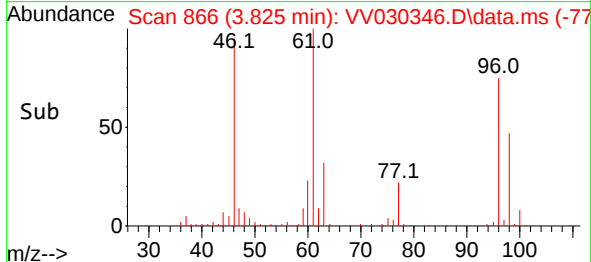
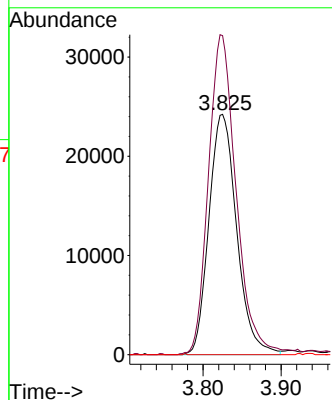
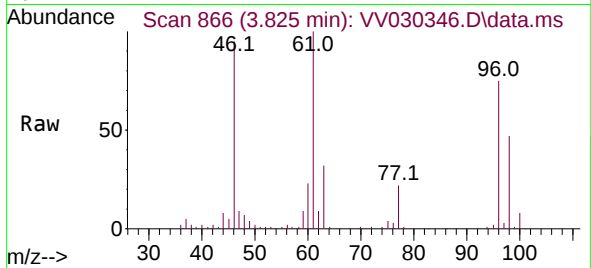




#22
 cis-1,2-Dichloroethene
 Concen: 4.901 ug/L
 RT: 3.825 min Scan# 866
 Delta R.T. 0.000 min
 Lab File: VV030346.D
 Acq: 30 Mar 2023 09:23

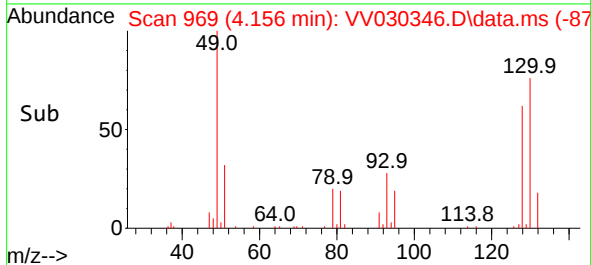
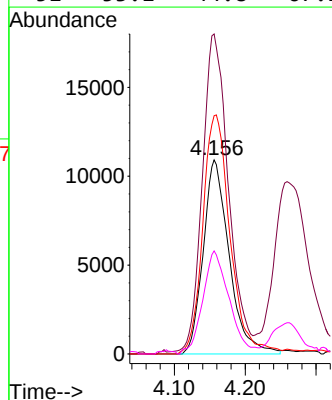
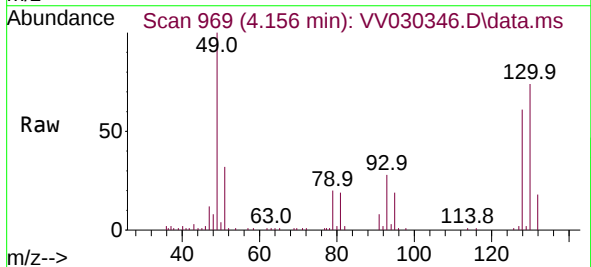
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005316

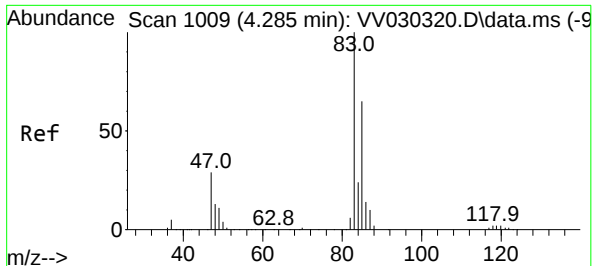
Tgt Ion: 96 Resp: 59975
 Ion Ratio Lower Upper
 96 100
 61 132.8 92.0 170.8
 68 0.0 0.0 0.0



#23
 Bromochloromethane
 Concen: 4.864 ug/L
 RT: 4.156 min Scan# 969
 Delta R.T. -0.003 min
 Lab File: VV030346.D
 Acq: 30 Mar 2023 09:23

Tgt Ion: 128 Resp: 27800
 Ion Ratio Lower Upper
 128 100
 49 164.9 119.4 221.8
 130 122.8 89.2 165.8
 51 53.1 44.8 67.2





#25

Chloroform

Concen: 5.020 ug/L

RT: 4.285 min Scan# 1009

Delta R.T. 0.000 min

Lab File: VV030346.D

Acq: 30 Mar 2023 09:23

Instrument :

MSVOA_V

ClientSampleId :

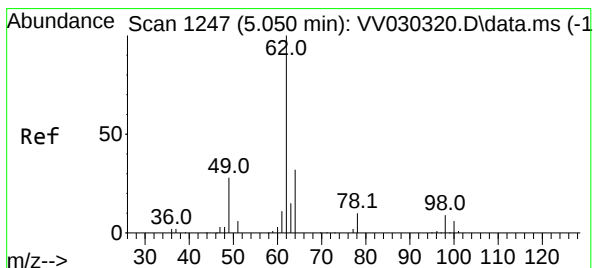
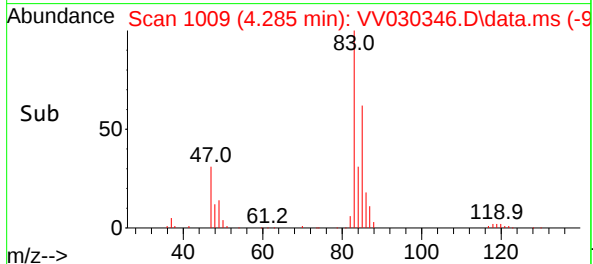
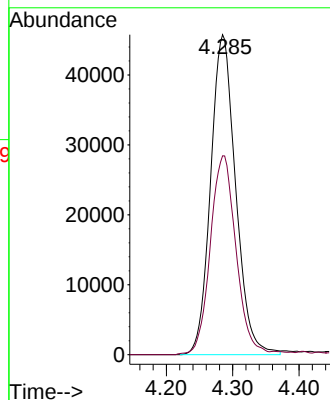
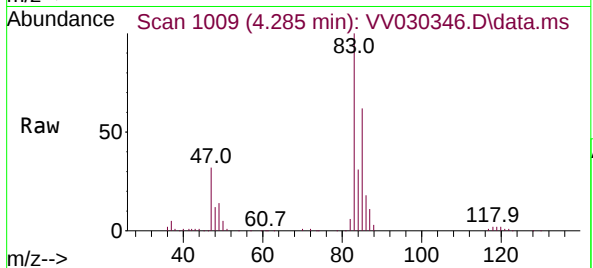
VSTD005316

Tgt Ion: 83 Resp: 119924

Ion Ratio Lower Upper

83 100

85 62.2 47.6 88.4



#27

1,2-Dichloroethane

Concen: 5.042 ug/L

RT: 5.050 min Scan# 1247

Delta R.T. 0.000 min

Lab File: VV030346.D

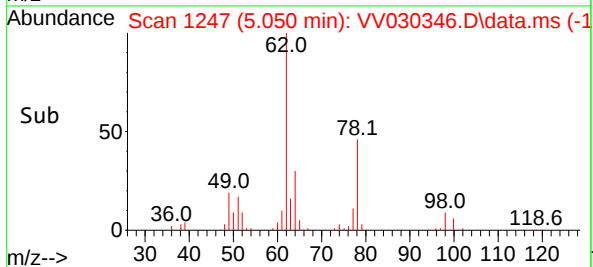
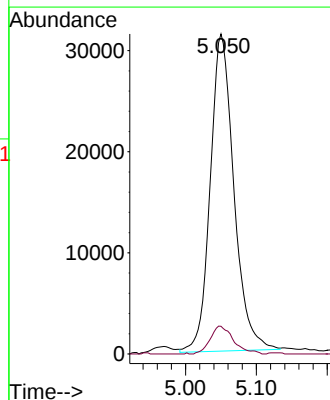
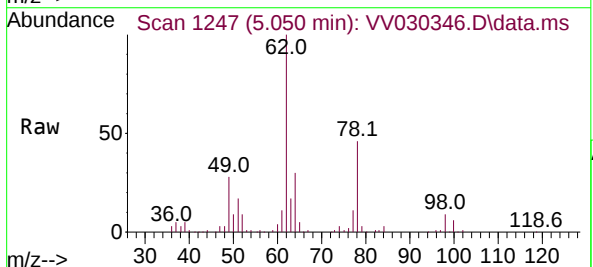
Acq: 30 Mar 2023 09:23

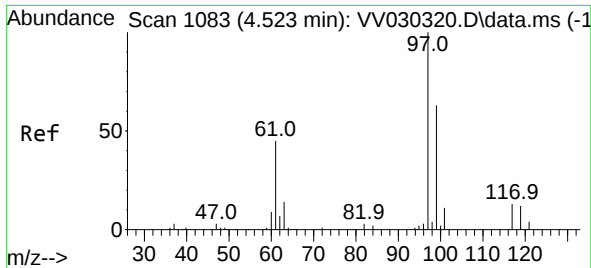
Tgt Ion: 62 Resp: 72821

Ion Ratio Lower Upper

62 100

98 8.7 7.8 11.8





#29

1,1,1-Trichloroethane

Concen: 4.988 ug/L

RT: 4.523 min Scan# 1

Delta R.T. 0.000 min

Lab File: VV030346.D

Acq: 30 Mar 2023 09:23

Instrument :

MSVOA_V

ClientSampleId :

VSTD005316

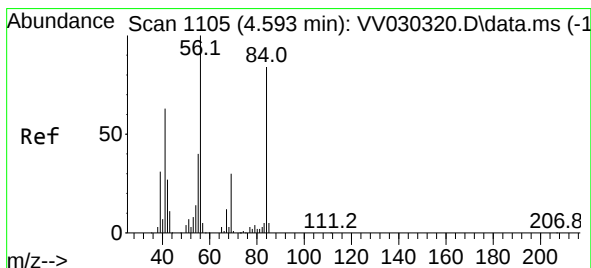
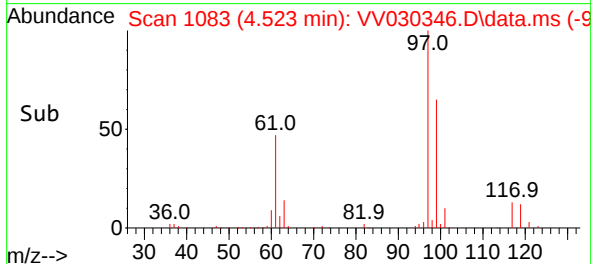
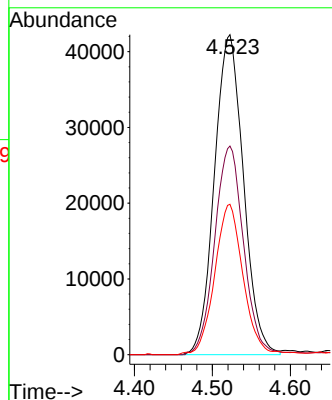
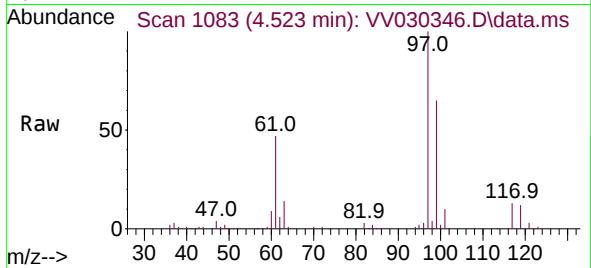
Tgt Ion: 97 Resp: 109574

Ion Ratio Lower Upper

97 100

99 64.7 50.9 76.3

61 46.1 35.9 53.9



#30

Cyclohexane

Concen: 4.819 ug/L

RT: 4.593 min Scan# 1105

Delta R.T. 0.000 min

Lab File: VV030346.D

Acq: 30 Mar 2023 09:23

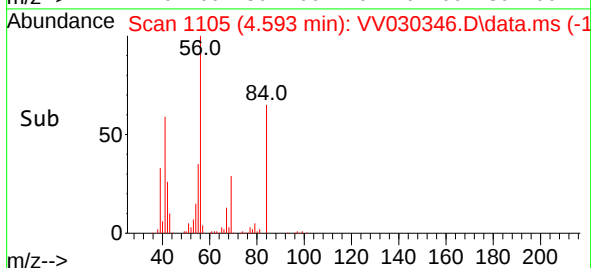
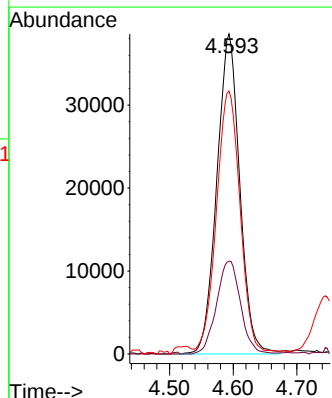
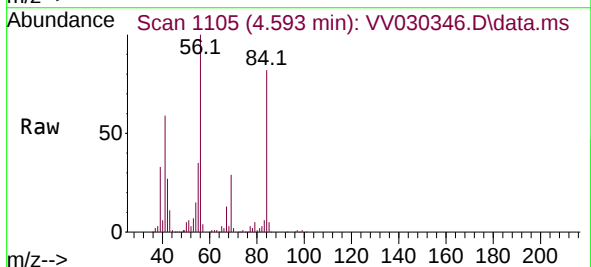
Tgt Ion: 56 Resp: 96433

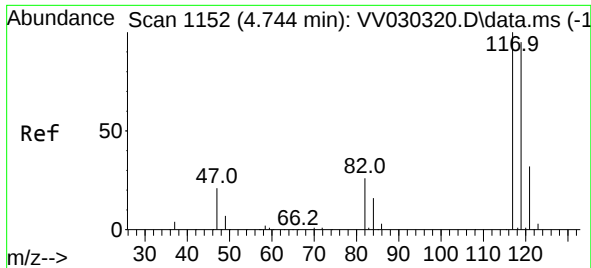
Ion Ratio Lower Upper

56 100

69 30.4 24.2 36.2

84 83.2 66.6 100.0

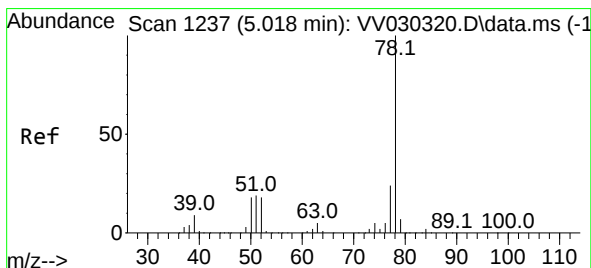
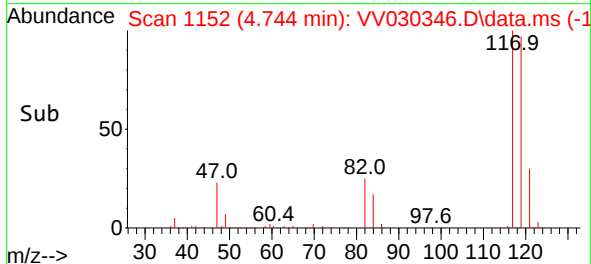
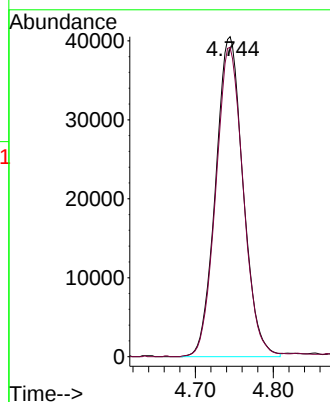
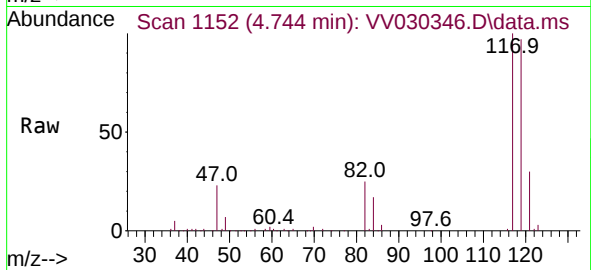




#31
Carbon tetrachloride
Concen: 4.983 ug/L
RT: 4.744 min Scan# 1152
Delta R.T. 0.000 min
Lab File: VV030346.D
Acq: 30 Mar 2023 09:23

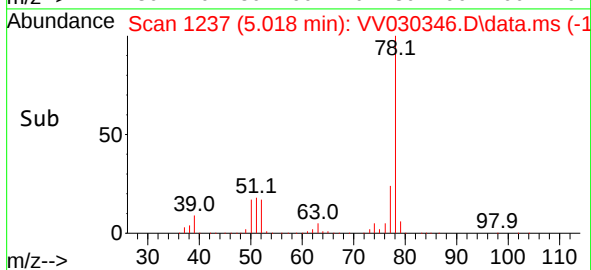
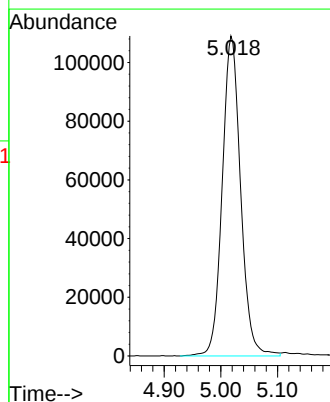
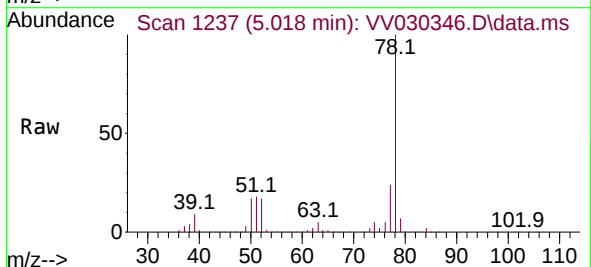
Instrument :
MSVOA_V
ClientSampleId :
VSTD005316

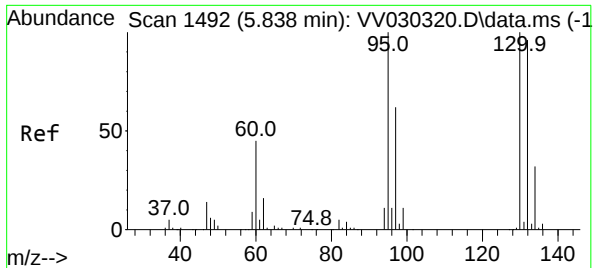
Tgt Ion:117 Resp: 99325
Ion Ratio Lower Upper
117 100
119 96.7 76.2 114.4



#33
Benzene
Concen: 5.062 ug/L
RT: 5.018 min Scan# 1237
Delta R.T. 0.000 min
Lab File: VV030346.D
Acq: 30 Mar 2023 09:23

Tgt Ion: 78 Resp: 245752

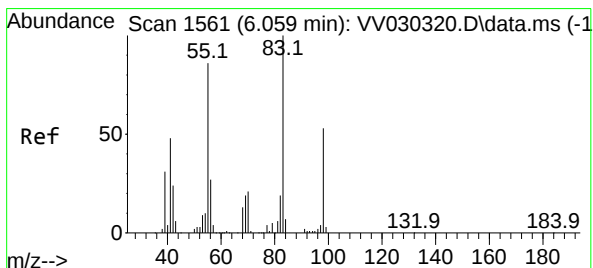
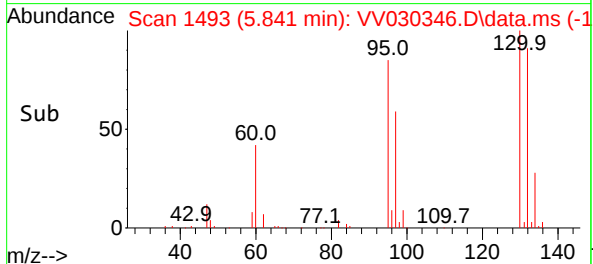
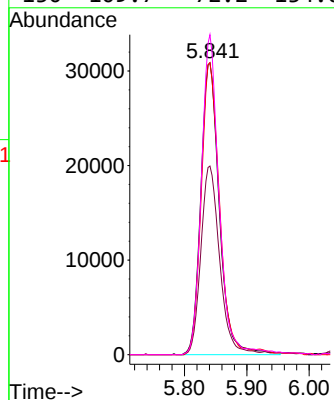
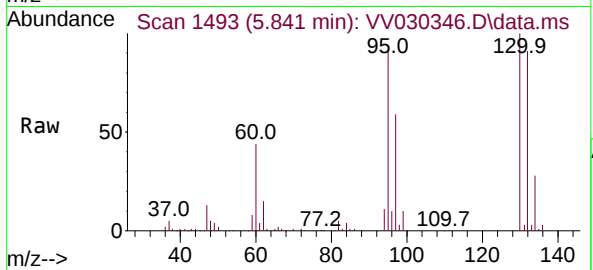




#34
Trichloroethene
Concen: 4.875 ug/L
RT: 5.841 min Scan# 1493
Delta R.T. 0.003 min
Lab File: VV030346.D
Acq: 30 Mar 2023 09:23

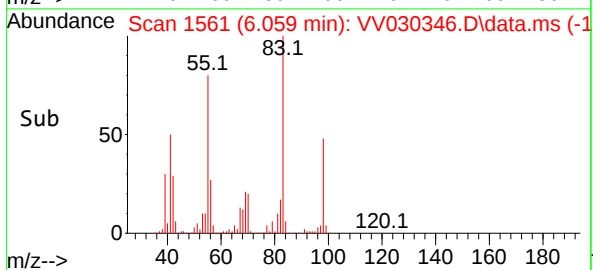
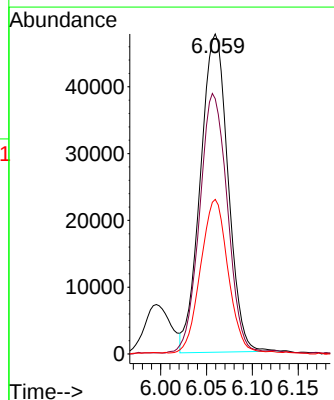
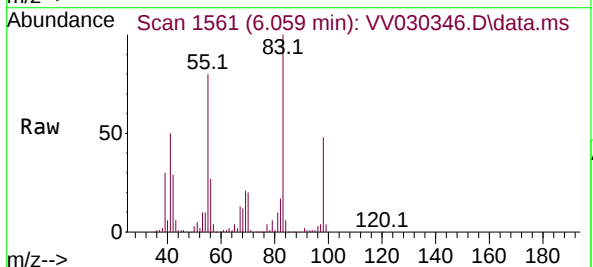
Instrument :
MSVOA_V
ClientSampleId :
VSTD005316

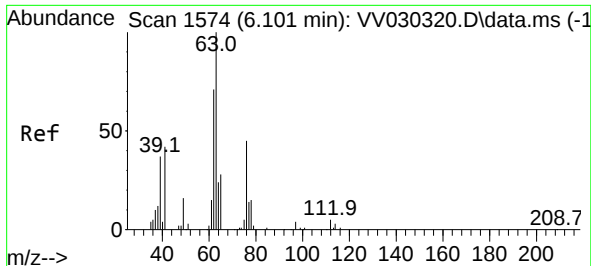
Tgt Ion: 95 Resp: 63821
Ion Ratio Lower Upper
95 100
97 64.7 44.2 82.2
132 100.1 69.5 129.1
130 109.7 72.2 134.0



#35
Methylcyclohexane
Concen: 4.865 ug/L
RT: 6.059 min Scan# 1561
Delta R.T. 0.000 min
Lab File: VV030346.D
Acq: 30 Mar 2023 09:23

Tgt Ion: 83 Resp: 99987
Ion Ratio Lower Upper
83 100
55 81.9 66.6 100.0
98 47.8 38.6 58.0





#37

1,2-Dichloropropane

Concen: 4.941 ug/L

RT: 6.101 min Scan# 1

Delta R.T. 0.000 min

Lab File: VV030346.D

Acq: 30 Mar 2023 09:23

Instrument :

MSVOA_V

ClientSampleId :

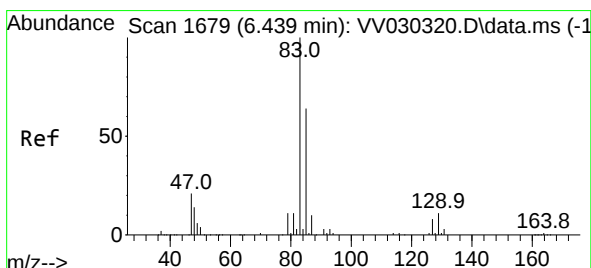
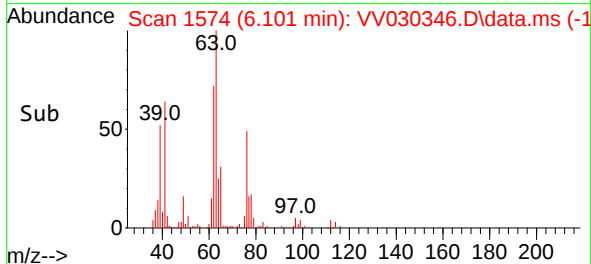
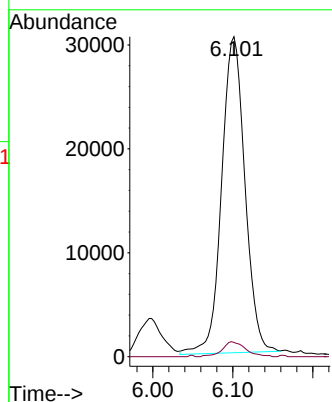
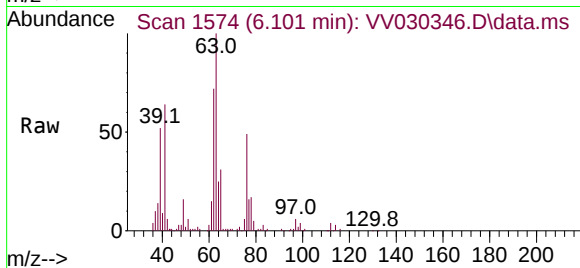
VSTD005316

Tgt Ion: 63 Resp: 61579

Ion Ratio Lower Upper

63 100

112 4.8 3.9 5.9



#38

Bromodichloromethane

Concen: 5.011 ug/L

RT: 6.439 min Scan# 1679

Delta R.T. 0.000 min

Lab File: VV030346.D

Acq: 30 Mar 2023 09:23

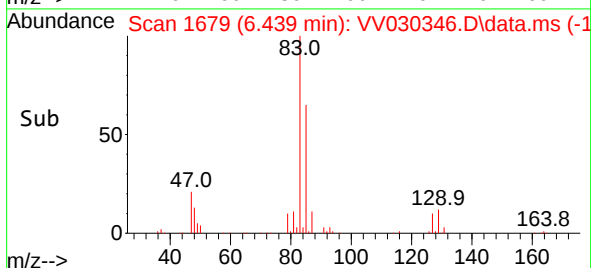
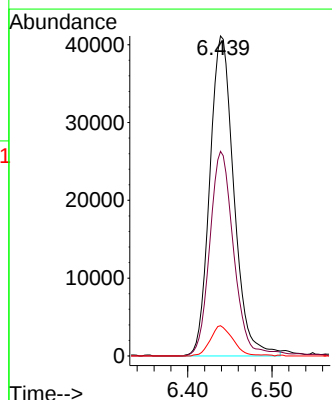
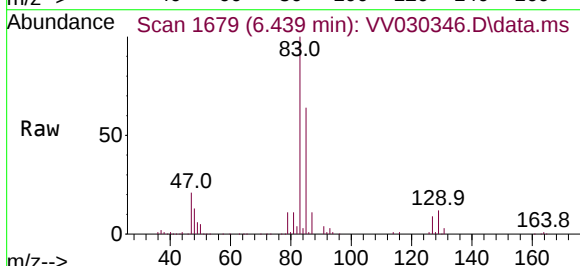
Tgt Ion: 83 Resp: 81780

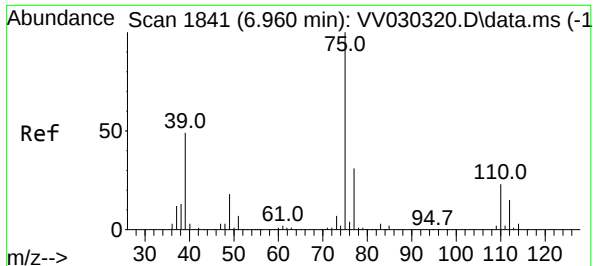
Ion Ratio Lower Upper

83 100

85 64.0 45.3 84.1

127 9.4 7.0 10.4





#39

cis-1,3-Dichloropropene

Concen: 4.729 ug/L

RT: 6.960 min Scan# 1841

Delta R.T. 0.000 min

Lab File: VV030346.D

Acq: 30 Mar 2023 09:23

Instrument :

MSVOA_V

ClientSampleId :

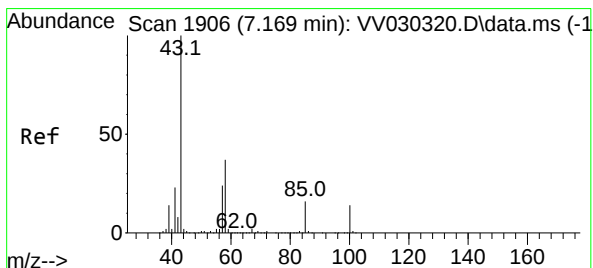
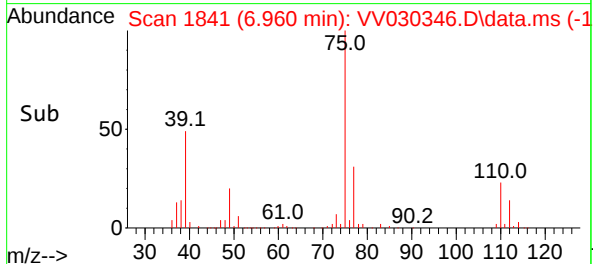
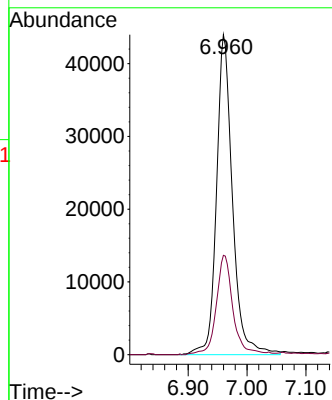
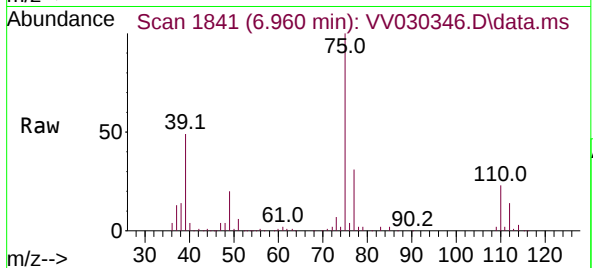
VSTD005316

Tgt Ion: 75 Resp: 82878

Ion Ratio Lower Upper

75 100

77 31.1 22.0 41.0



#40

4-Methyl-2-pentanone

Concen: 50.264 ug/L

RT: 7.166 min Scan# 1905

Delta R.T. -0.003 min

Lab File: VV030346.D

Acq: 30 Mar 2023 09:23

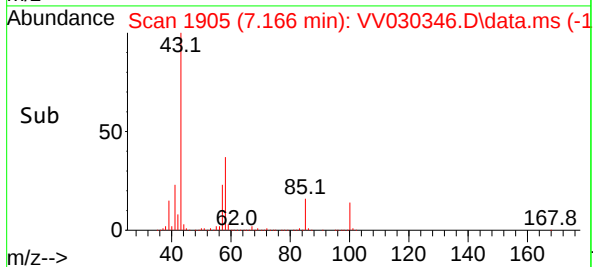
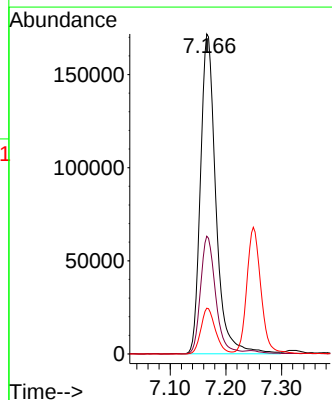
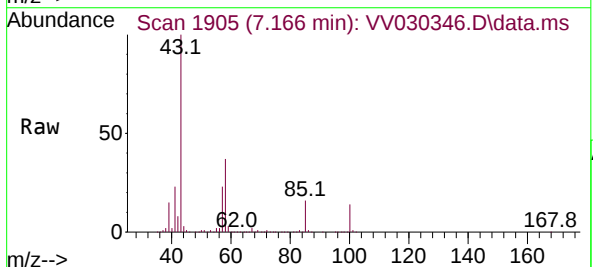
Tgt Ion: 43 Resp: 330090

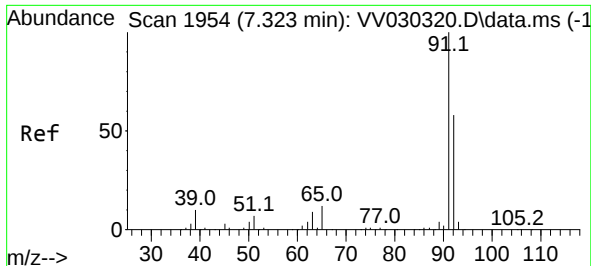
Ion Ratio Lower Upper

43 100

58 36.0 28.8 43.2

100 13.6 10.7 16.1

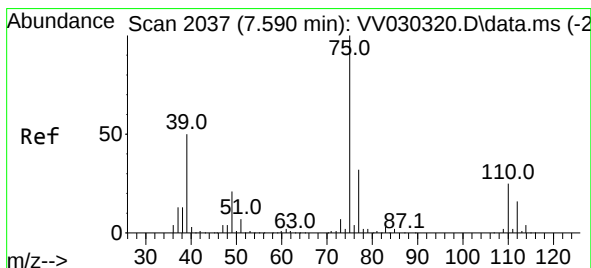
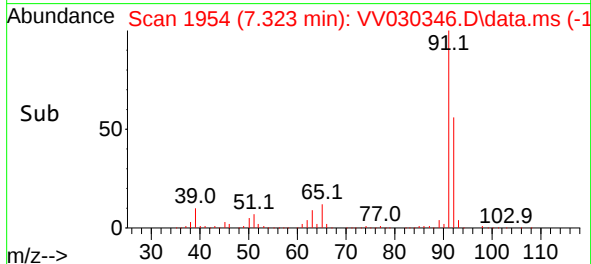
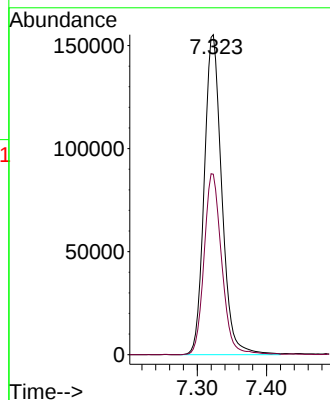
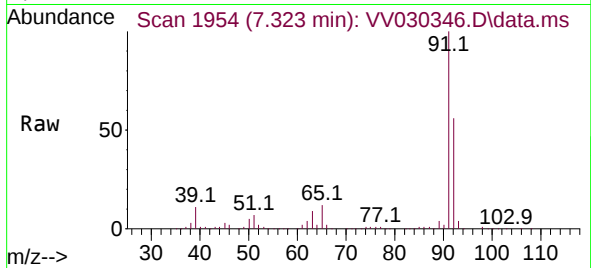




#42
Toluene
Concen: 5.264 ug/L
RT: 7.323 min Scan# 1954
Delta R.T. 0.000 min
Lab File: VV030346.D
Acq: 30 Mar 2023 09:23

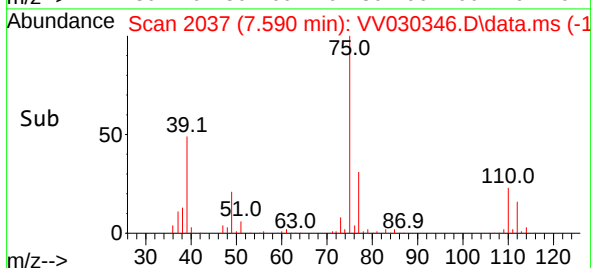
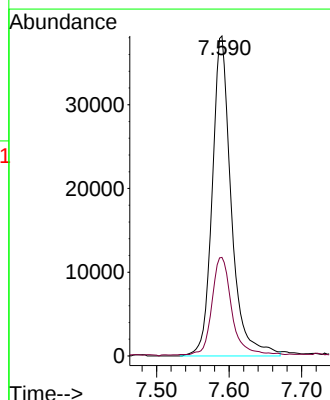
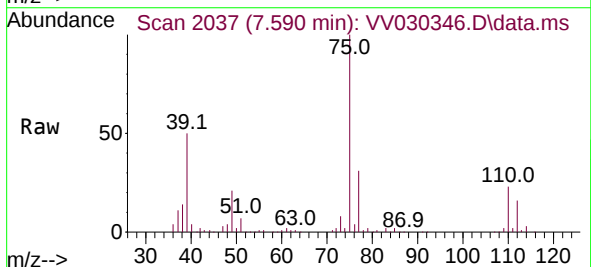
Instrument :
MSVOA_V
ClientSampleId :
VSTD005316

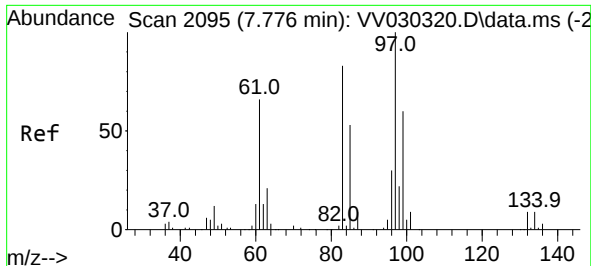
Tgt Ion: 91 Resp: 272169
Ion Ratio Lower Upper
91 100
92 56.4 40.4 75.0



#44
trans-1,3-Dichloropropene
Concen: 4.672 ug/L
RT: 7.590 min Scan# 2037
Delta R.T. 0.000 min
Lab File: VV030346.D
Acq: 30 Mar 2023 09:23

Tgt Ion: 75 Resp: 69665
Ion Ratio Lower Upper
75 100
77 30.8 21.2 39.4

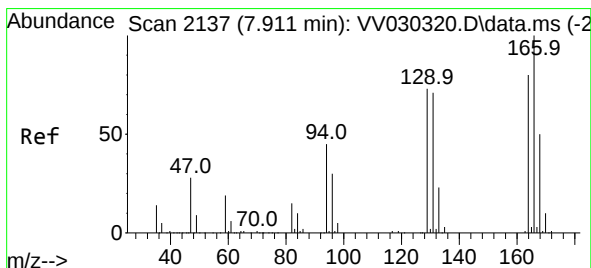
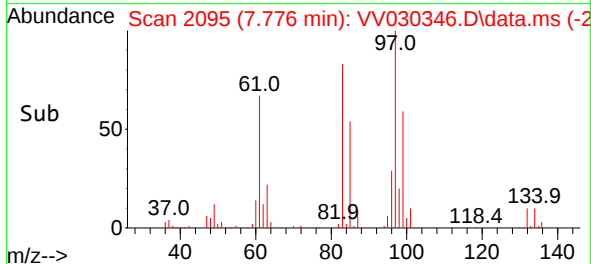
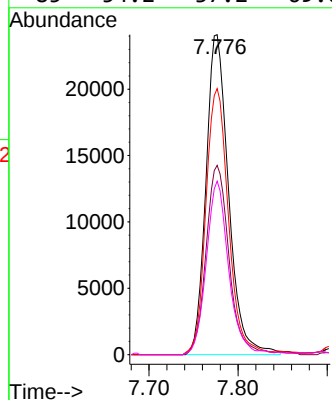
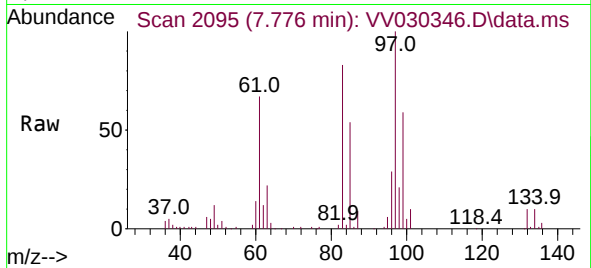




#45
1,1,2-Trichloroethane
Concen: 4.851 ug/L
RT: 7.776 min Scan# 2095
Delta R.T. 0.000 min
Lab File: VV030346.D
Acq: 30 Mar 2023 09:23

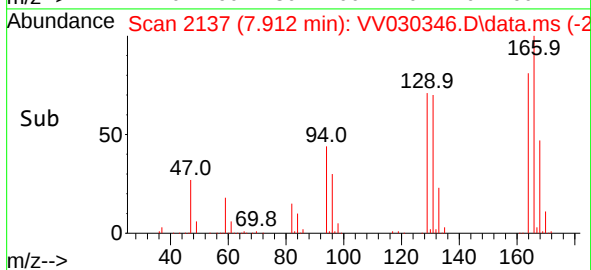
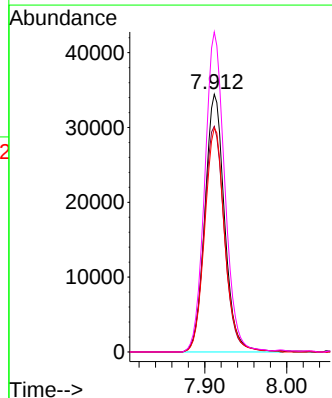
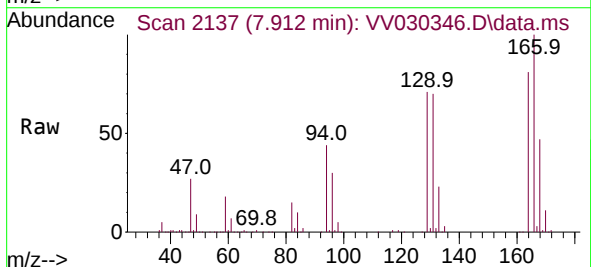
Instrument :
MSVOA_V
ClientSampleId :
VSTD005316

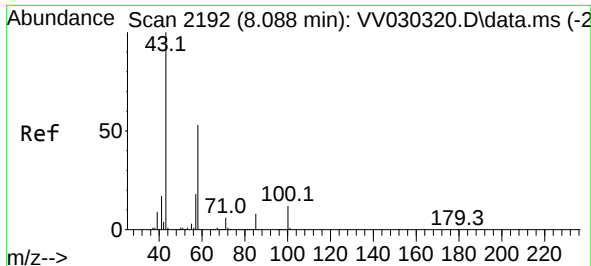
Tgt Ion: 97	Resp: 42567
Ion Ratio	Lower Upper
97 100	
99 59.1	44.0 81.8
83 83.1	58.8 109.2
85 54.2	37.2 69.0



#47
Tetrachloroethene
Concen: 4.964 ug/L
RT: 7.912 min Scan# 2137
Delta R.T. 0.000 min
Lab File: VV030346.D
Acq: 30 Mar 2023 09:23

Tgt	Ion:164	Resp:	57363
Ion	Ratio	Lower	Upper
164	100		
129	87.5	60.8	112.8
131	86.9	61.7	114.7
166	124.2	85.6	159.0

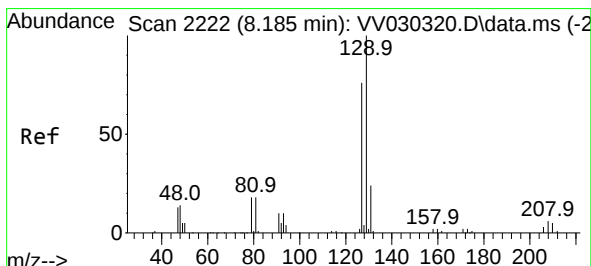
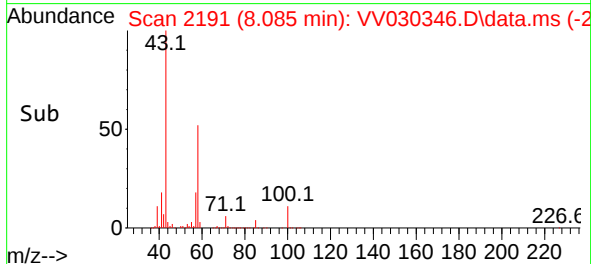
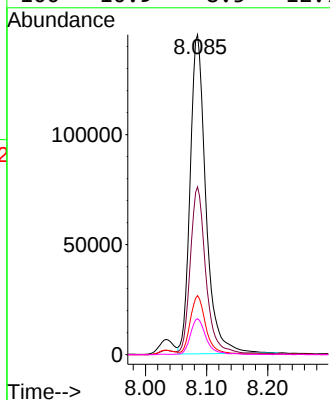
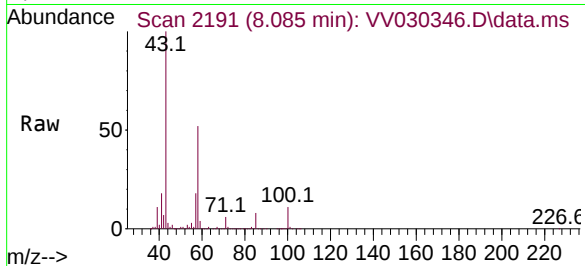




#48
2-Hexanone
Concen: 52.870 ug/L
RT: 8.085 min Scan# 2192
Delta R.T. -0.003 min
Lab File: VV030346.D
Acq: 30 Mar 2023 09:23

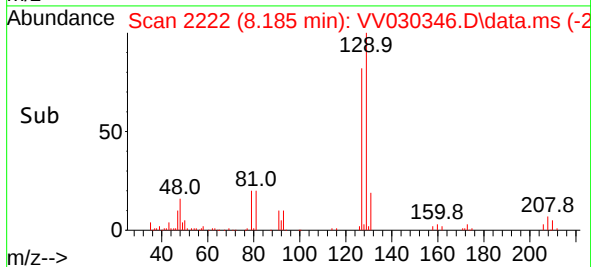
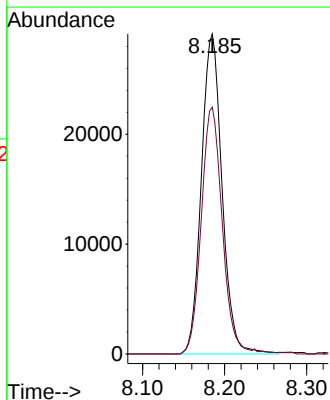
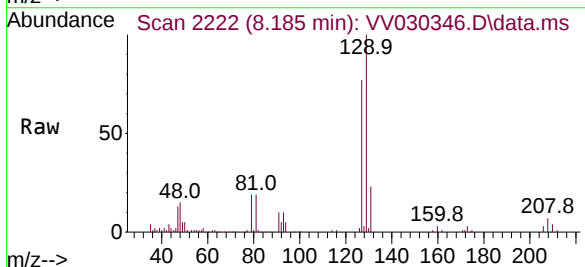
Instrument :
MSVOA_V
ClientSampleId :
VSTD005316

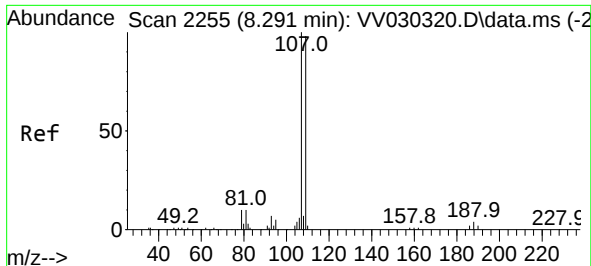
Tgt Ion: 43 Resp: 260033
Ion Ratio Lower Upper
43 100
58 52.1 40.3 60.5
57 18.0 14.6 22.0
100 10.9 8.5 12.7



#49
Dibromochloromethane
Concen: 4.879 ug/L
RT: 8.185 min Scan# 2222
Delta R.T. 0.000 min
Lab File: VV030346.D
Acq: 30 Mar 2023 09:23

Tgt Ion: 129 Resp: 50962
Ion Ratio Lower Upper
129 100
127 77.1 52.7 97.9

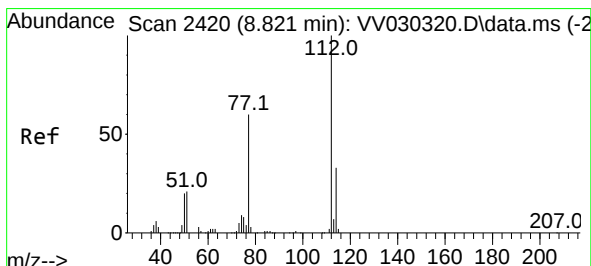
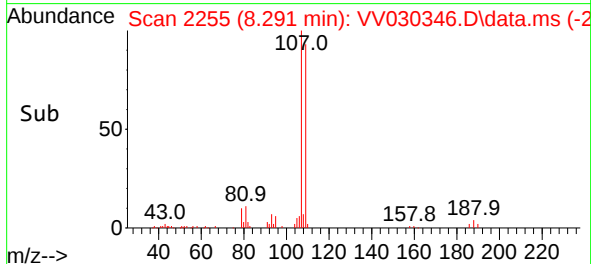
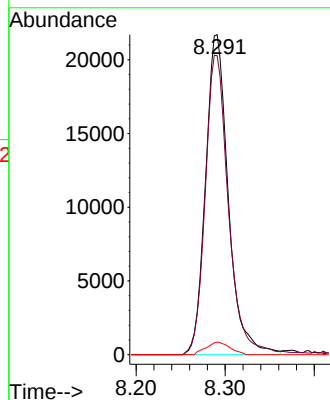
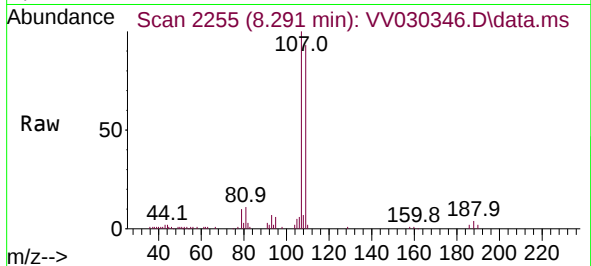




#50
1,2-Dibromoethane
Concen: 4.828 ug/L
RT: 8.291 min Scan# 21
Delta R.T. 0.000 min
Lab File: VV030346.D
Acq: 30 Mar 2023 09:23

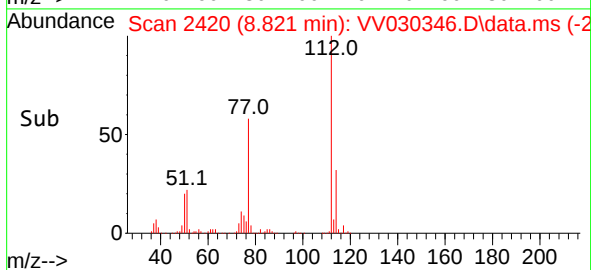
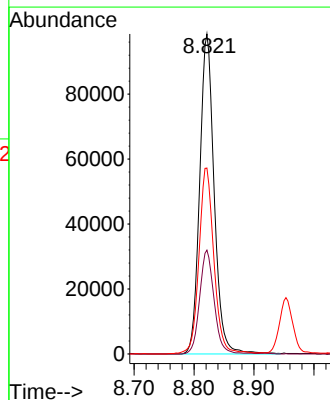
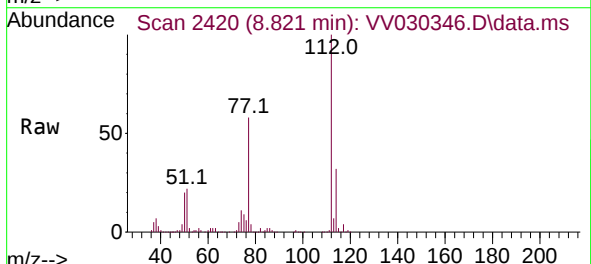
Instrument :
MSVOA_V
ClientSampleId :
VSTD005316

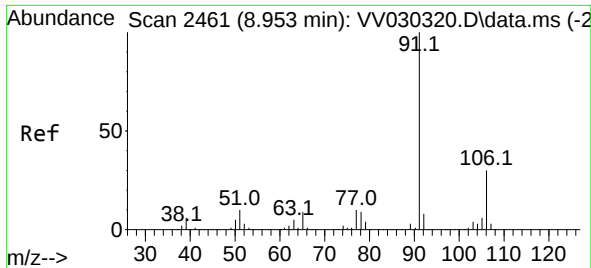
Tgt Ion:107 Resp: 38541
Ion Ratio Lower Upper
107 100
109 93.4 62.9 116.9
188 3.9 3.0 4.6



#51
Chlorobenzene
Concen: 5.011 ug/L
RT: 8.821 min Scan# 2420
Delta R.T. 0.000 min
Lab File: VV030346.D
Acq: 30 Mar 2023 09:23

Tgt Ion:112 Resp: 165899
Ion Ratio Lower Upper
112 100
114 32.4 22.4 41.6
77 58.1 45.9 68.9

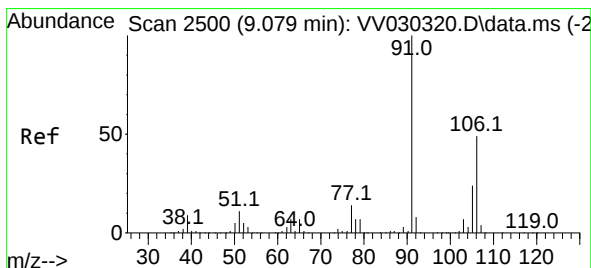
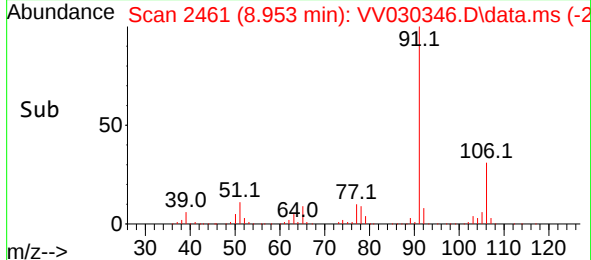
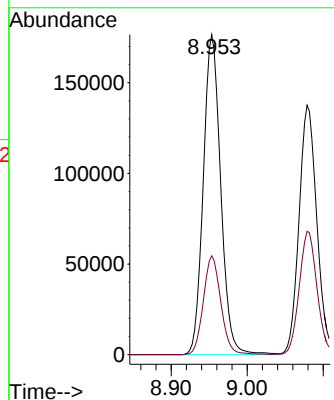
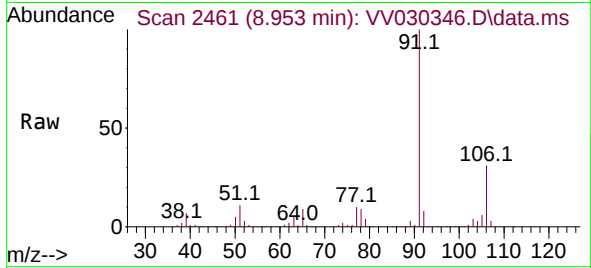




#52
Ethylbenzene
Concen: 4.977 ug/L
RT: 8.953 min Scan# 2461
Delta R.T. 0.000 min
Lab File: VV030346.D
Acq: 30 Mar 2023 09:23

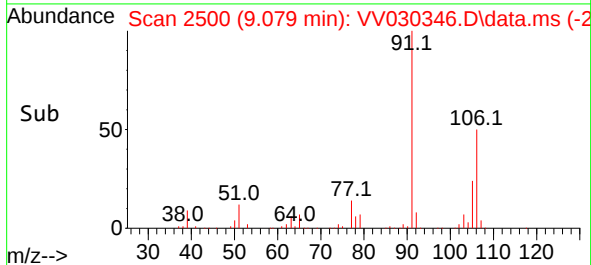
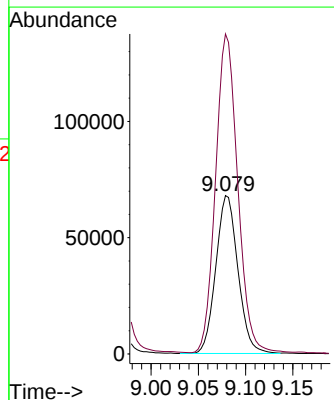
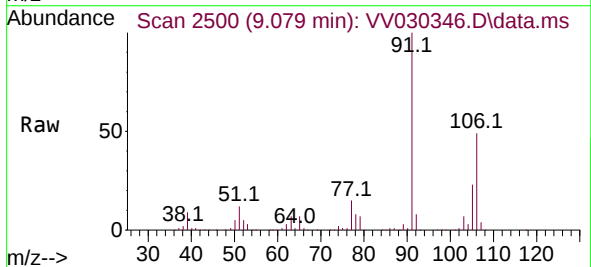
Instrument :
MSVOA_V
ClientSampleId :
VSTD005316

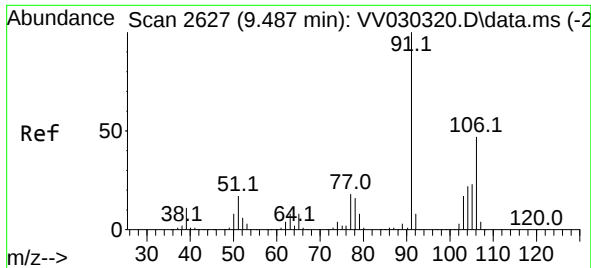
Tgt Ion: 91 Resp: 281555
Ion Ratio Lower Upper
91 100
106 30.9 22.2 41.2



#53
m,p-Xylene
Concen: 5.100 ug/L
RT: 9.079 min Scan# 2500
Delta R.T. 0.000 min
Lab File: VV030346.D
Acq: 30 Mar 2023 09:23

Tgt Ion: 106 Resp: 110438
Ion Ratio Lower Upper
106 100
91 202.1 142.4 264.4

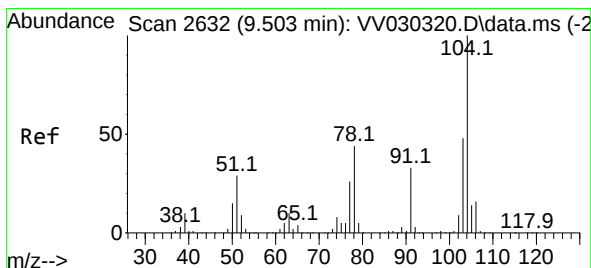
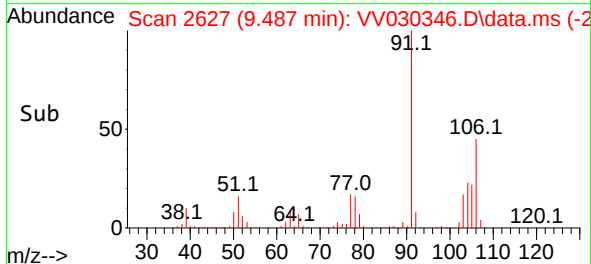
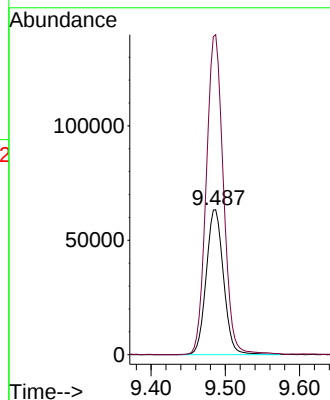
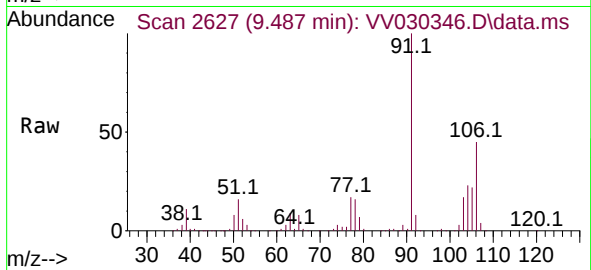




#54
o-Xylene
Concen: 4.946 ug/L
RT: 9.487 min Scan# 2627
Delta R.T. 0.000 min
Lab File: VV030346.D
Acq: 30 Mar 2023 09:23

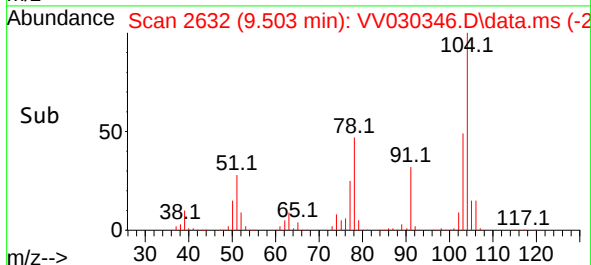
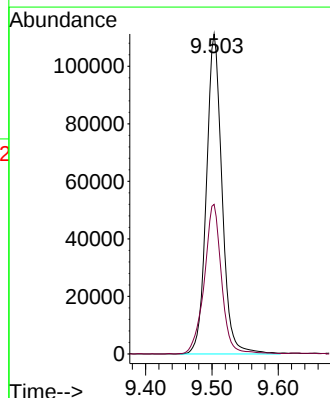
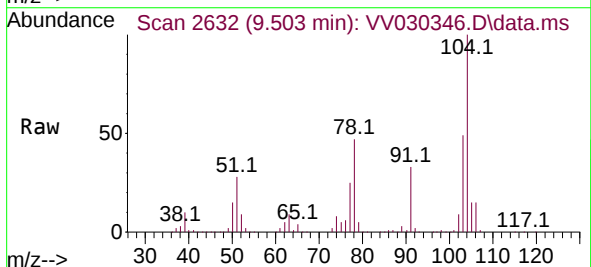
Instrument :
MSVOA_V
ClientSampleId :
VSTD005316

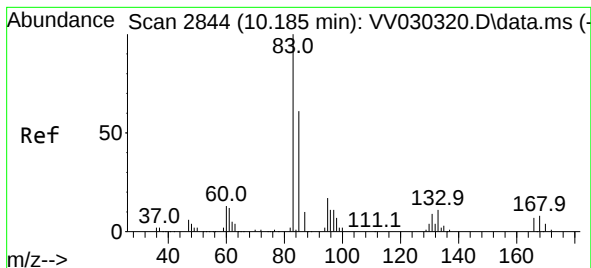
Tgt Ion:106 Resp: 102492
Ion Ratio Lower Upper
106 100
91 220.8 149.8 278.2



#55
Styrene
Concen: 5.169 ug/L
RT: 9.503 min Scan# 2632
Delta R.T. 0.000 min
Lab File: VV030346.D
Acq: 30 Mar 2023 09:23

Tgt Ion:104 Resp: 181927
Ion Ratio Lower Upper
104 100
78 46.8 31.9 59.2

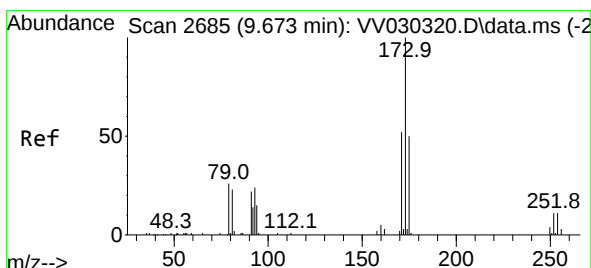
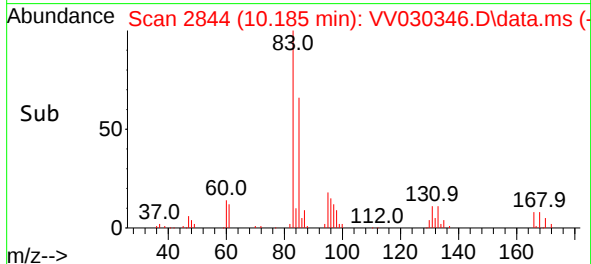
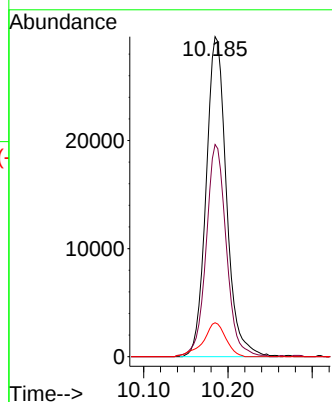
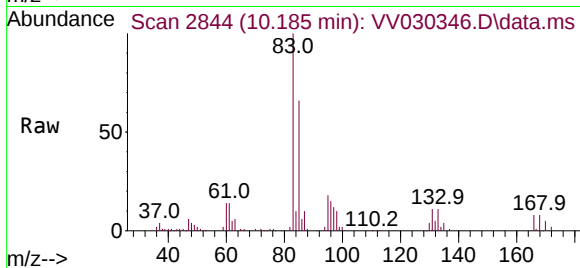




#57
1,1,2,2-Tetrachloroethane
Concen: 4.772 ug/L
RT: 10.185 min Scan# 2844
Delta R.T. 0.000 min
Lab File: VV030346.D
Acq: 30 Mar 2023 09:23

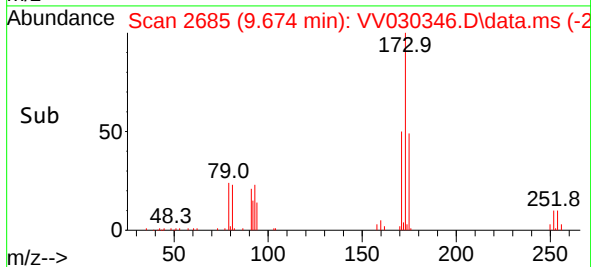
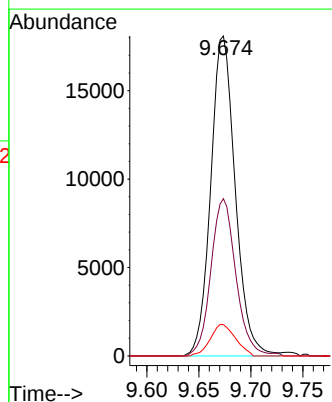
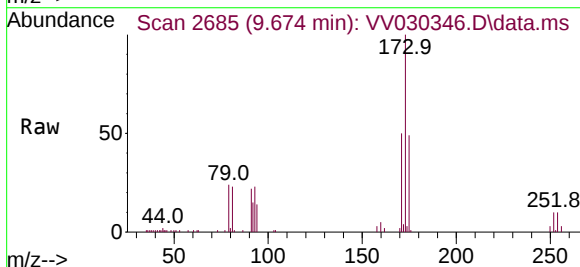
Instrument :
MSVOA_V
ClientSampleId :
VSTD005316

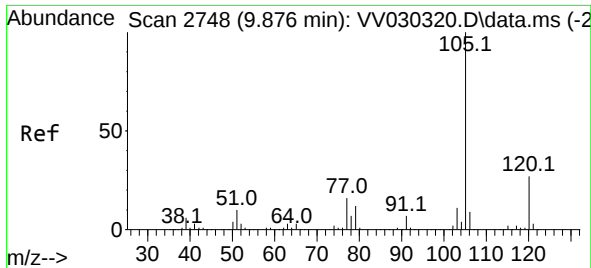
Tgt Ion: 83 Resp: 49700
Ion Ratio Lower Upper
83 100
85 66.3 45.3 84.1
131 10.6 8.2 12.4



#59
Bromoform
Concen: 4.602 ug/L
RT: 9.674 min Scan# 2685
Delta R.T. 0.000 min
Lab File: VV030346.D
Acq: 30 Mar 2023 09:23

Tgt Ion: 173 Resp: 29732
Ion Ratio Lower Upper
173 100
175 50.1 39.0 58.4
254 10.1 8.2 12.4

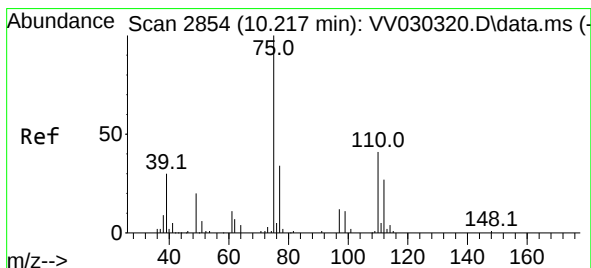
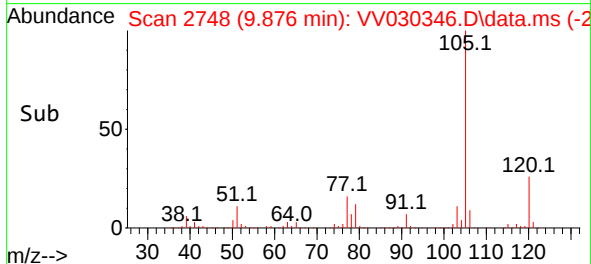
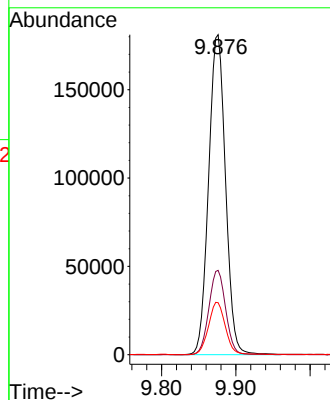
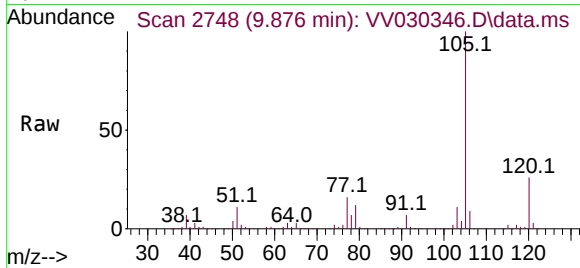




#60
Isopropylbenzene
Concen: 4.850 ug/L
RT: 9.876 min Scan# 21
Delta R.T. 0.000 min
Lab File: VV030346.D
Acq: 30 Mar 2023 09:23

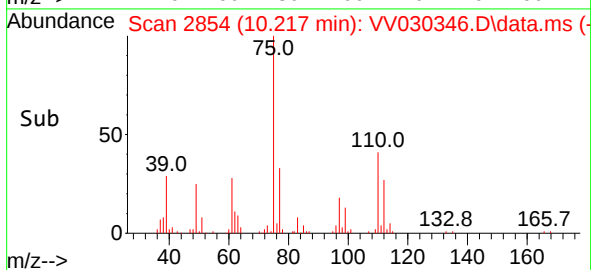
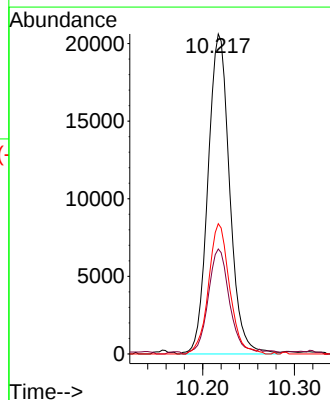
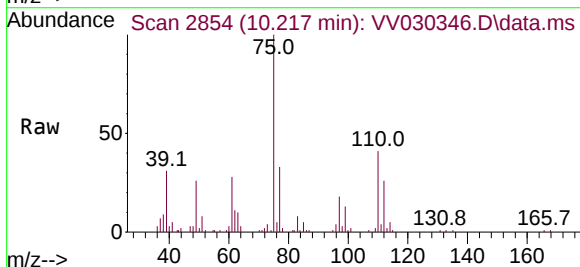
Instrument :
MSVOA_V
ClientSampleId :
VSTD005316

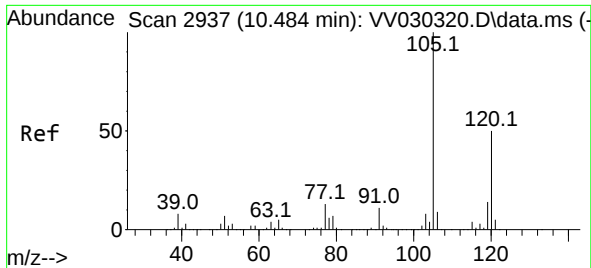
Tgt Ion:105 Resp: 285903
Ion Ratio Lower Upper
105 100
120 26.2 21.1 31.7
77 16.4 12.9 19.3



#61
1,2,3-Trichloropropane
Concen: 4.736 ug/L
RT: 10.217 min Scan# 2854
Delta R.T. 0.000 min
Lab File: VV030346.D
Acq: 30 Mar 2023 09:23

Tgt Ion: 75 Resp: 33843
Ion Ratio Lower Upper
75 100
77 32.2 26.0 39.0
110 39.7 31.6 47.4

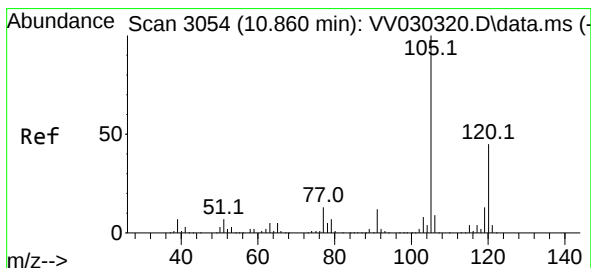
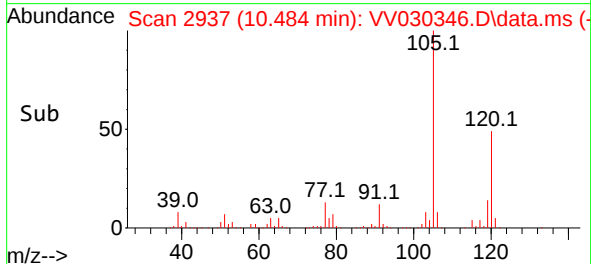
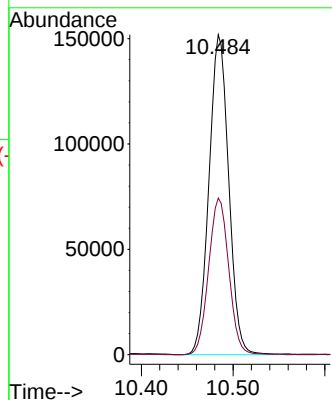
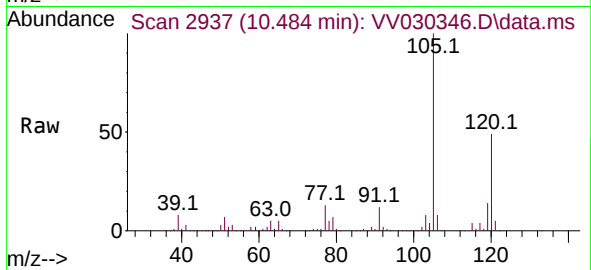




#62
 1,3,5-Trimethylbenzene
 Concen: 4.713 ug/L
 RT: 10.484 min Scan# 2937
 Delta R.T. 0.000 min
 Lab File: VV030346.D
 Acq: 30 Mar 2023 09:23

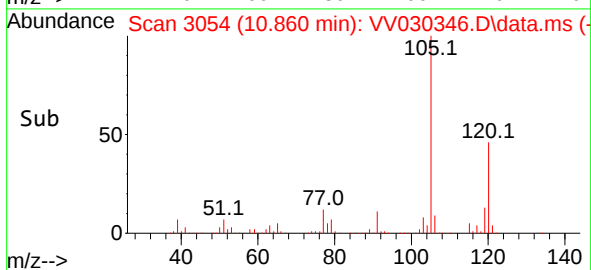
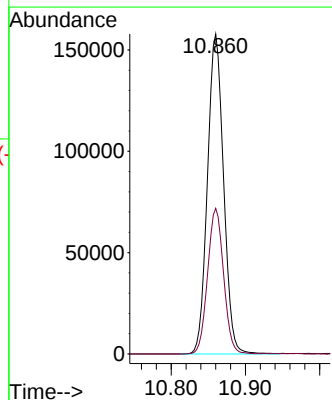
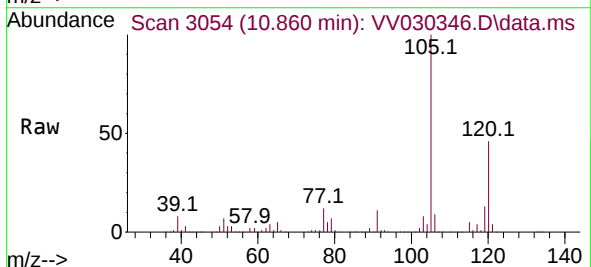
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005316

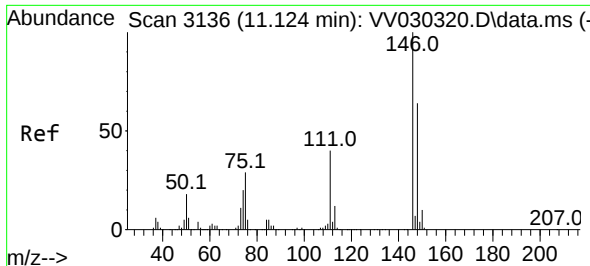
Tgt Ion:105 Resp: 226719
 Ion Ratio Lower Upper
 105 100
 120 50.0 38.9 58.3



#63
 1,2,4-Trimethylbenzene
 Concen: 4.848 ug/L
 RT: 10.860 min Scan# 3054
 Delta R.T. 0.000 min
 Lab File: VV030346.D
 Acq: 30 Mar 2023 09:23

Tgt Ion:105 Resp: 237654
 Ion Ratio Lower Upper
 105 100
 120 45.1 36.8 55.2

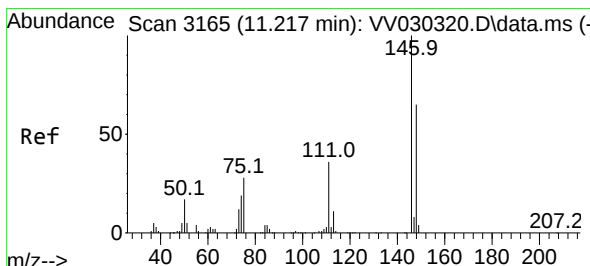
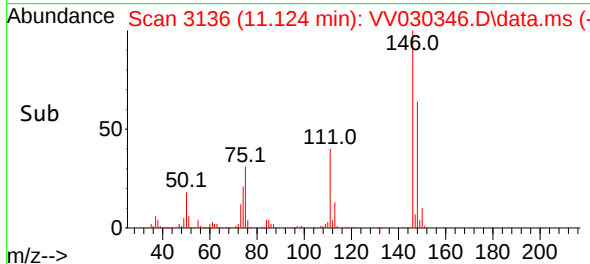
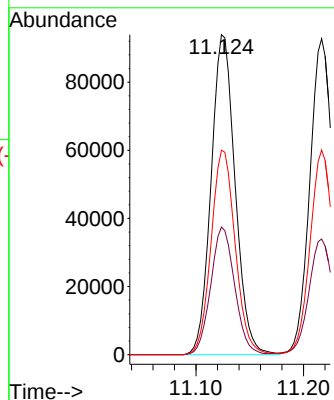
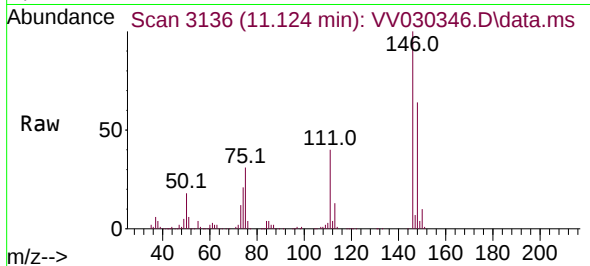




#64
1,3-Dichlorobenzene
Concen: 4.962 ug/L
RT: 11.124 min Scan# 3136
Delta R.T. 0.000 min
Lab File: VV030346.D
Acq: 30 Mar 2023 09:23

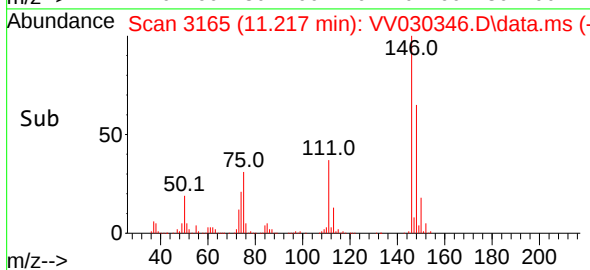
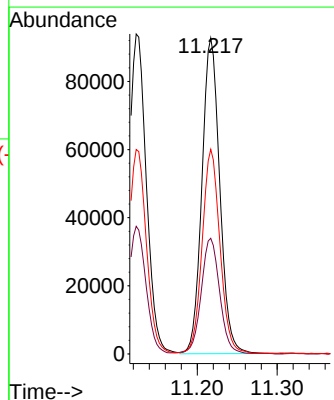
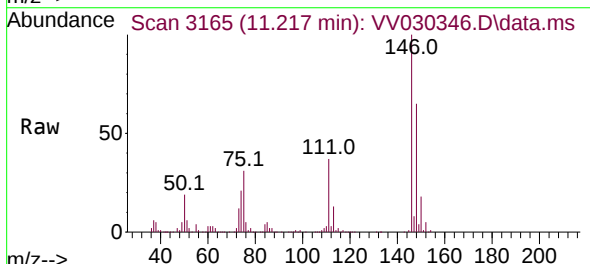
Instrument :
MSVOA_V
ClientSampleId :
VSTD005316

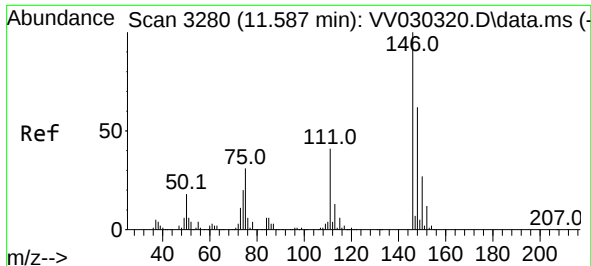
Tgt Ion:146 Resp: 145856
Ion Ratio Lower Upper
146 100
111 39.9 27.0 50.2
148 63.9 44.2 82.2



#65
1,4-Dichlorobenzene
Concen: 4.860 ug/L
RT: 11.217 min Scan# 3165
Delta R.T. 0.000 min
Lab File: VV030346.D
Acq: 30 Mar 2023 09:23

Tgt Ion:146 Resp: 143920
Ion Ratio Lower Upper
146 100
111 36.6 26.0 48.4
148 64.7 45.2 84.0





#67

1,2-Dichlorobenzene

Concen: 4.825 ug/L

RT: 11.587 min Scan# 31

Delta R.T. 0.000 min

Lab File: VV030346.D

Acq: 30 Mar 2023 09:23

Instrument :

MSVOA_V

ClientSampleId :

VSTD005316

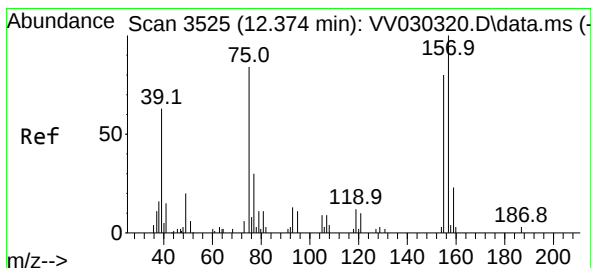
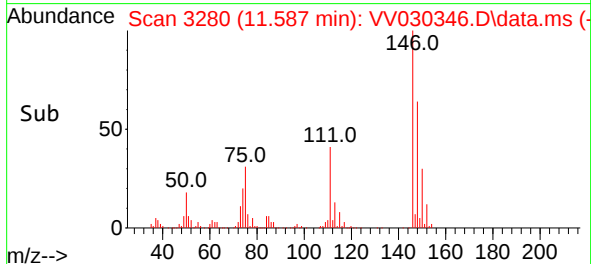
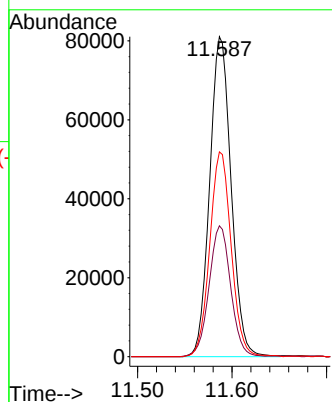
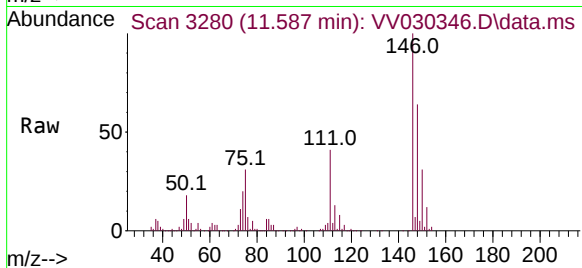
Tgt Ion:146 Resp: 127807

Ion Ratio Lower Upper

146 100

111 40.9 33.1 49.7

148 64.0 52.2 78.2



#68

1,2-Dibromo-3-chloropropane

Concen: 4.040 ug/L

RT: 12.371 min Scan# 3524

Delta R.T. -0.003 min

Lab File: VV030346.D

Acq: 30 Mar 2023 09:23

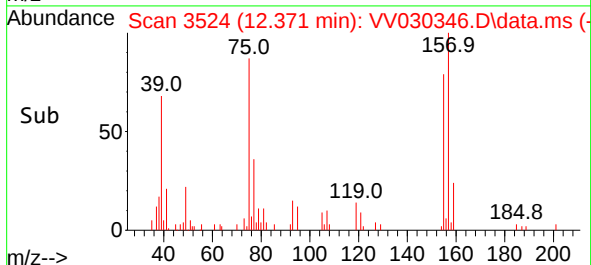
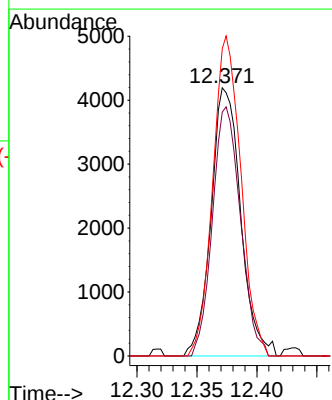
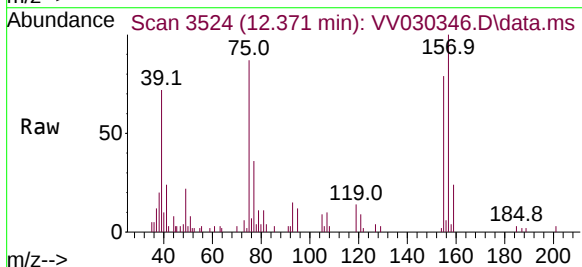
Tgt Ion: 75 Resp: 7182

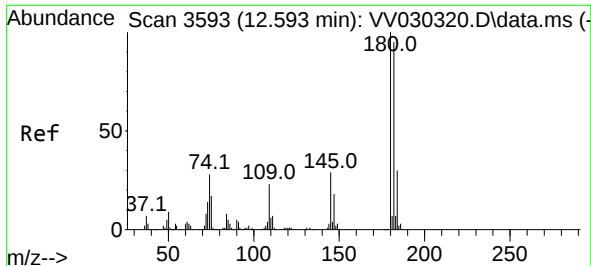
Ion Ratio Lower Upper

75 100

155 90.9 64.6 96.8

157 114.6 83.8 125.6





#69

1,3,5-Trichlorobenzene

Concen: 4.782 ug/L

RT: 12.590 min Scan# 3593

Delta R.T. -0.003 min

Lab File: VV030346.D

Acq: 30 Mar 2023 09:23

Instrument :

MSVOA_V

ClientSampleId :

VSTD005316

Tgt Ion:180 Resp: 108225

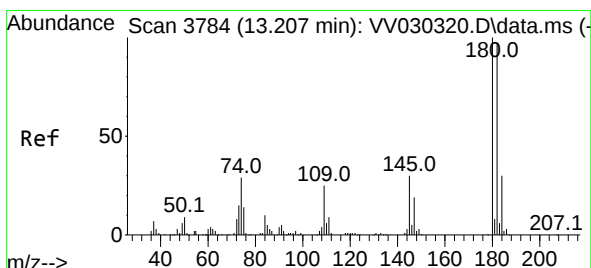
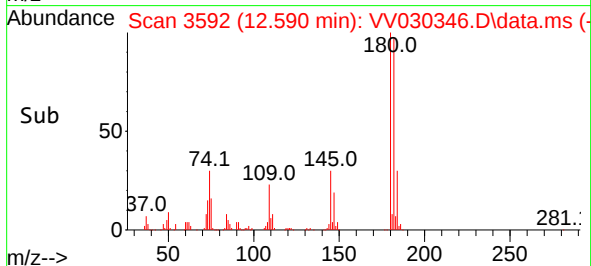
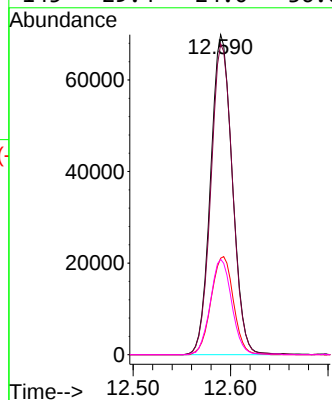
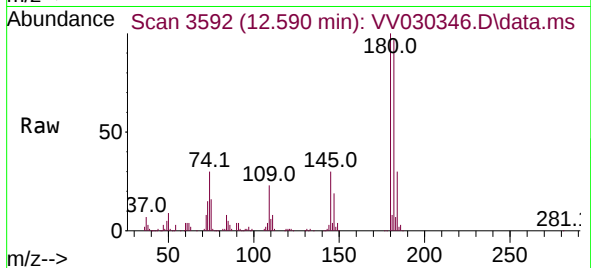
Ion Ratio Lower Upper

180 100

182 96.8 76.5 114.7

184 31.5 24.0 36.0

145 29.4 24.0 36.0



#70

1,2,4-trichlorobenzene

Concen: 4.581 ug/L

RT: 13.207 min Scan# 3784

Delta R.T. 0.000 min

Lab File: VV030346.D

Acq: 30 Mar 2023 09:23

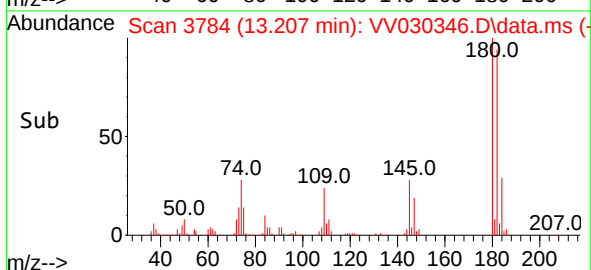
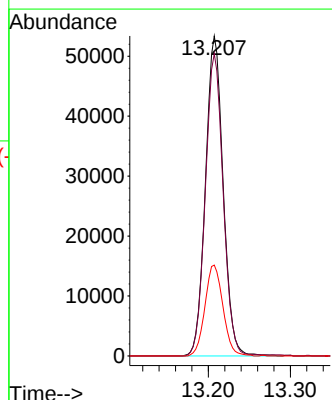
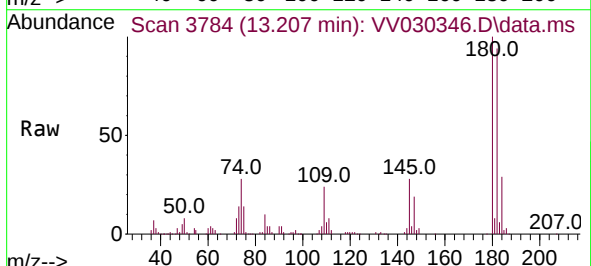
Tgt Ion:180 Resp: 80057

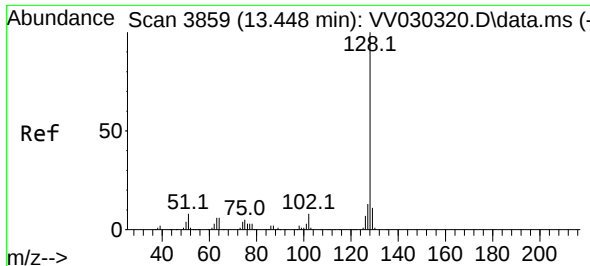
Ion Ratio Lower Upper

180 100

182 95.0 75.3 112.9

145 28.9 23.8 35.6

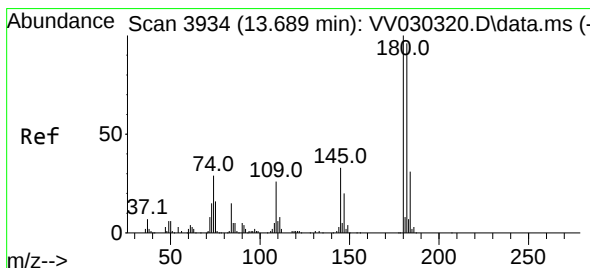
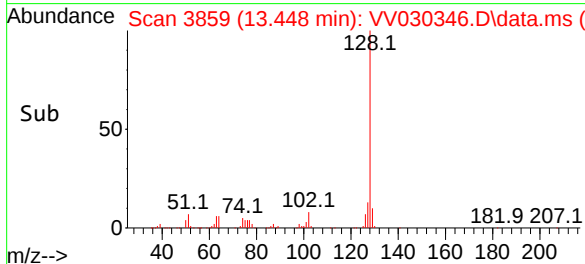
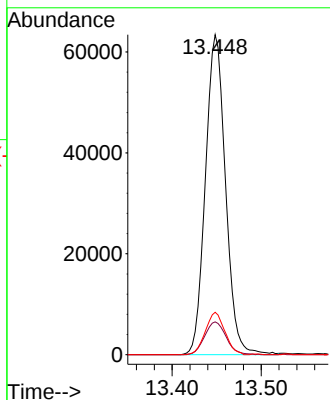
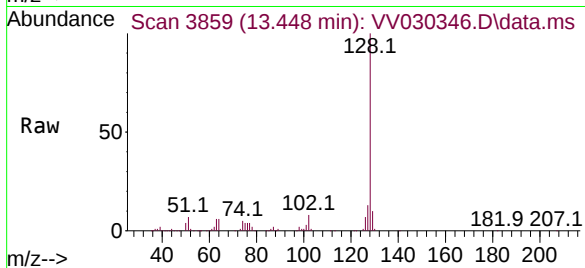




#71
Naphthalene
Concen: 3.987 ug/L
RT: 13.448 min Scan# 3859
Delta R.T. 0.000 min
Lab File: VV030346.D
Acq: 30 Mar 2023 09:23

Instrument :
MSVOA_V
ClientSampleId :
VSTD005316

Tgt Ion:	128	Resp:	99513
Ion Ratio	Lower	Upper	
128	100		
129	11.0	8.9	13.3
127	12.8	10.8	16.2



#72
1,2,3-Trichlorobenzene
Concen: 4.368 ug/L
RT: 13.689 min Scan# 3934
Delta R.T. 0.000 min
Lab File: VV030346.D
Acq: 30 Mar 2023 09:23

Tgt Ion:	180	Resp:	66119
Ion Ratio	Lower	Upper	
180	100		
182	95.7	76.6	115.0
145	31.5	25.0	37.4

