

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW031723\
 Data File : VW030229.D
 Acq On : 17 Mar 2023 10:41
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Mar 17 22:45:50 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR022323WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Mar 17 05:46:57 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.542	114	136967	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.792	117	122641	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.194	152	70636	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.282	65	37071	4.183	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	83.600%
7) Chloroethane-d5	1.536	69	33208	3.992	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	79.800%
11) 1,1-Dichloroethene-d2	2.066	63	77658	4.262	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	85.200%
20) 2-Butanone-d5	3.812	46	83680	51.213	ug/L	-0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	102.420%
24) Chloroform-d	4.259	84	78614	4.342	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	86.800%
26) 1,2-Dichloroethane-d4	4.950	65	37539	5.079	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	101.600%
32) Benzene-d6	4.969	84	139387	4.224	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	84.400%
36) 1,2-Dichloropropane-d6	5.995	67	41783	4.209	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	84.200%
41) Toluene-d8	7.249	98	133701	4.274	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	85.400%
43) trans-1,3-Dichloroprop...	7.558	79	16914	4.980	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	99.600%
46) 2-Hexanone-d5	8.034	63	62854	44.729	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	89.460%
56) 1,1,2,2-Tetrachloroeth...	10.162	84	30616	4.335	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	86.600%
66) 1,2-Dichlorobenzene-d4	11.570	152	49287	4.124	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	82.400%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.108	85	48445	4.347	ug/L	97
3) Chloromethane	1.217	50	65462	3.728	ug/L	99
5) Vinyl chloride	1.285	62	49087	4.206	ug/L	97
6) Bromomethane	1.491	94	12978	6.195	ug/L	92
8) Chloroethane	1.555	64	30341	4.267	ug/L	98
9) Trichlorofluoromethane	1.719	101	78512	4.689	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.072	101	43929	4.230	ug/L	95
12) 1,1-Dichloroethene	2.076	96	37693	4.101	ug/L	90
13) Acetone	2.143	43	71786	59.441	ug/L	64
14) Carbon disulfide	2.246	76	89136	3.624	ug/L	99
15) Methyl Acetate	2.391	43	12570	4.457	ug/L	96
16) Methylene chloride	2.452	84	45341	4.038	ug/L	88
17) Methyl tert-butyl Ether	2.709	73	84189	4.684	ug/L #	92
18) trans-1,2-Dichloroethene	2.699	96	36312	4.153	ug/L	94
19) 1,1-Dichloroethane	3.117	63	78123	4.796	ug/L	98
21) 2-Butanone	3.896	43	90362	55.635	ug/L	89
22) cis-1,2-Dichloroethene	3.822	96	41669	4.311	ug/L	89
23) Bromochloromethane	4.156	128	18131	4.390	ug/L	92
25) Chloroform	4.285	83	81552	4.813	ug/L	97

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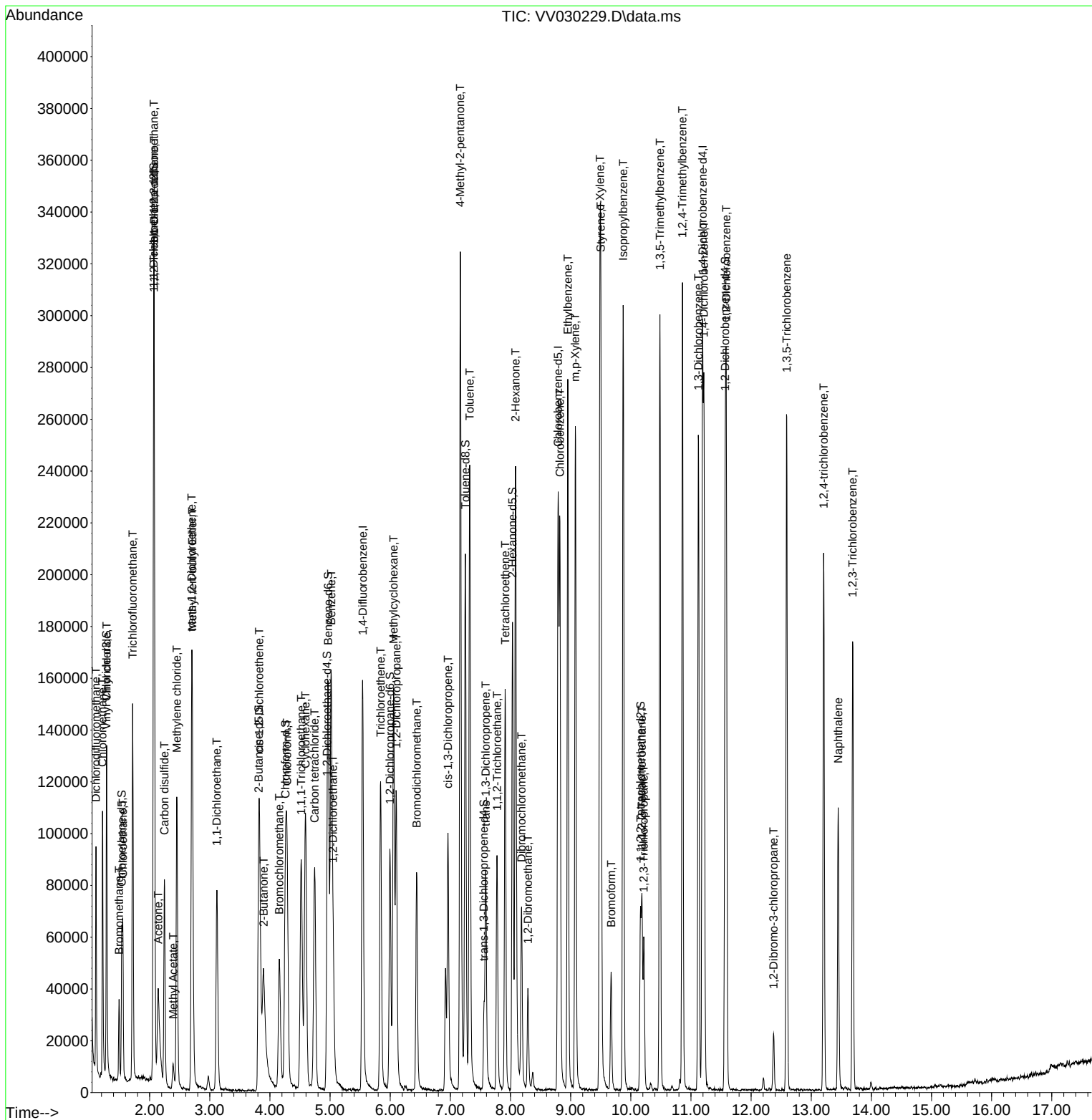
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 ClientSampleId :

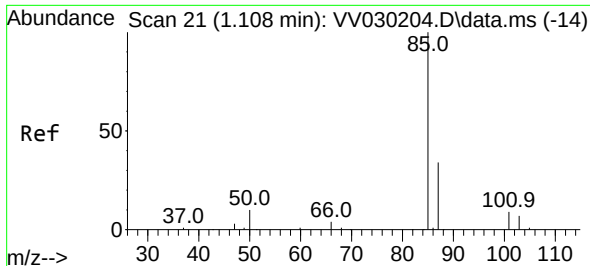
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.050	62	48657	5.490	ug/L	95
29) 1,1,1-Trichloroethane	4.519	97	75068	5.211	ug/L	97
30) Cyclohexane	4.590	56	55982	4.497	ug/L	92
31) Carbon tetrachloride	4.744	117	64634	4.991	ug/L	98
33) Benzene	5.018	78	157210	4.694	ug/L	100
34) Trichloroethene	5.841	95	41862	4.460	ug/L	98
35) Methylcyclohexane	6.056	83	59234	4.170	ug/L	92
37) 1,2-Dichloropropane	6.101	63	40691	4.775	ug/L	98
38) Bromodichloromethane	6.439	83	56631	5.206	ug/L	99
39) cis-1,3-Dichloropropene	6.960	75	57843	4.637	ug/L	99
40) 4-Methyl-2-pentanone	7.166	43	223922	63.683	ug/L	90
42) Toluene	7.323	91	173598	4.785	ug/L	98
44) trans-1,3-Dichloropropene	7.587	75	47519	4.880	ug/L	98
45) 1,1,2-Trichloroethane	7.776	97	27741	4.550	ug/L	97
47) Tetrachloroethene	7.911	164	34505	4.283	ug/L	94
48) 2-Hexanone	8.085	43	155359	61.718	ug/L	92
49) Dibromochloromethane	8.185	129	34369	4.817	ug/L	98
50) 1,2-Dibromoethane	8.291	107	25034	4.401	ug/L	100
51) Chlorobenzene	8.821	112	107060	4.376	ug/L	97
52) Ethylbenzene	8.953	91	183091	4.638	ug/L	99
53) m,p-Xylene	9.079	106	70169	4.624	ug/L	100
54) o-Xylene	9.487	106	66068	4.558	ug/L	92
55) Styrene	9.503	104	119826	4.971	ug/L	97
57) 1,1,2,2-Tetrachloroethane	10.185	83	32488	4.763	ug/L	99
59) Bromoform	9.673	173	20805	4.914	ug/L	99
60) Isopropylbenzene	9.873	105	191231	4.705	ug/L	98
61) 1,2,3-Trichloropropane	10.217	75	22275	4.712	ug/L	99
62) 1,3,5-Trimethylbenzene	10.484	105	154780	4.636	ug/L	99
63) 1,2,4-Trimethylbenzene	10.860	105	162618	4.762	ug/L	99
64) 1,3-Dichlorobenzene	11.124	146	98607	4.660	ug/L	99
65) 1,4-Dichlorobenzene	11.217	146	97815	4.581	ug/L	97
67) 1,2-Dichlorobenzene	11.587	146	89176	4.772	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.374	75	5152	4.879	ug/L	90
69) 1,3,5-Trichlorobenzene	12.593	180	77178	4.436	ug/L	99
70) 1,2,4-trichlorobenzene	13.207	180	61630	4.373	ug/L	97
71) Naphthalene	13.448	128	83752	4.548	ug/L	100
72) 1,2,3-Trichlorobenzene	13.689	180	50750	4.374	ug/L	99

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

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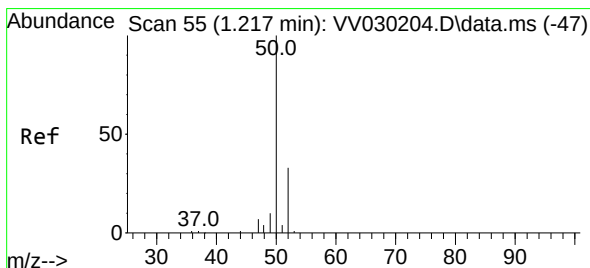
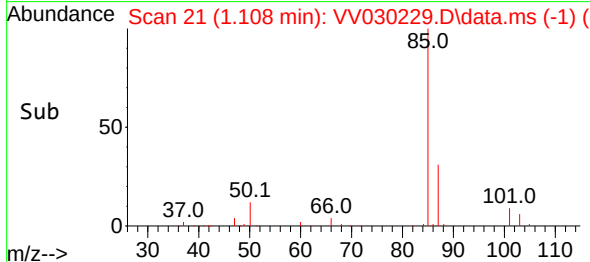
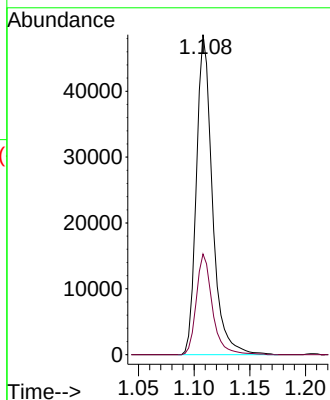
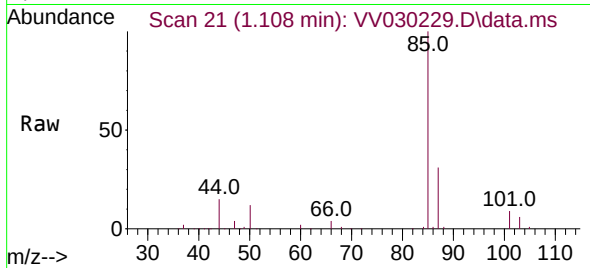




#2
 Dichlorodifluoromethane
 Concen: 4.347 ug/L
 RT: 1.108 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VV030229.D
 Acq: 17 Mar 2023 10:41

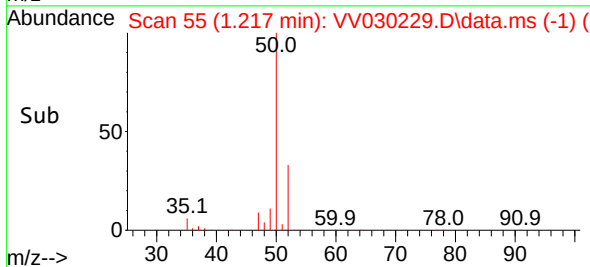
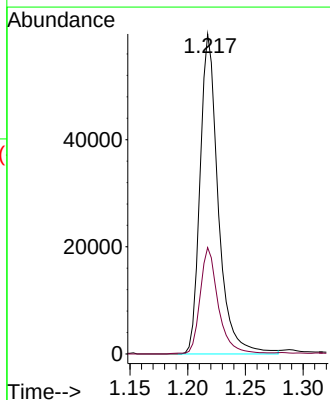
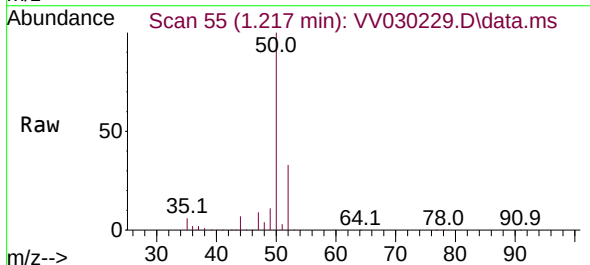
Instrument :
 MSVOA_V
 ClientSampleId :

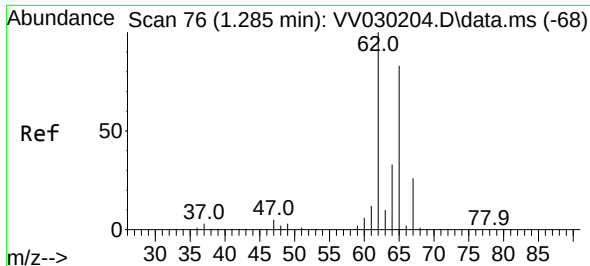
Tgt Ion: 85 Resp: 48445
 Ion Ratio Lower Upper
 85 100
 87 31.6 26.6 39.8



#3
 Chloromethane
 Concen: 3.728 ug/L
 RT: 1.217 min Scan# 55
 Delta R.T. 0.000 min
 Lab File: VV030229.D
 Acq: 17 Mar 2023 10:41

Tgt Ion: 50 Resp: 65462
 Ion Ratio Lower Upper
 50 100
 52 33.3 23.6 43.8

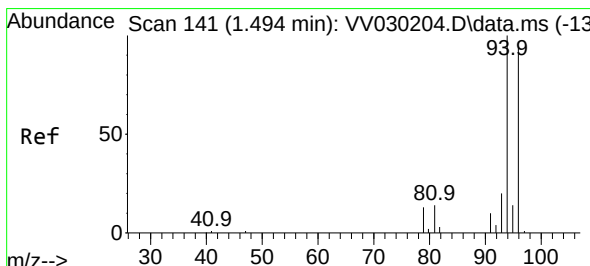
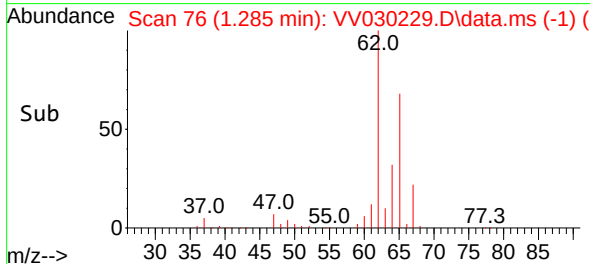
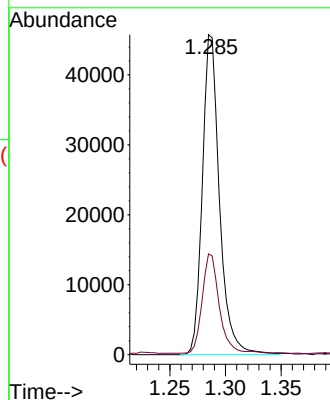
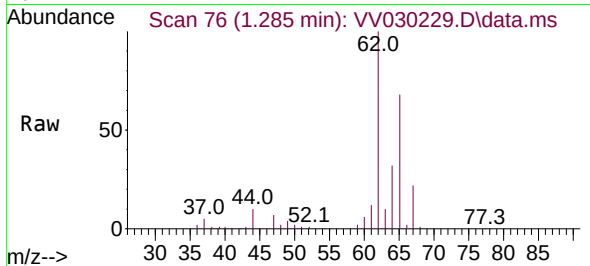




#5
 Vinyl chloride
 Concen: 4.206 ug/L
 RT: 1.285 min Scan# 70
 Delta R.T. -0.003 min
 Lab File: VV030229.D
 Acq: 17 Mar 2023 10:41

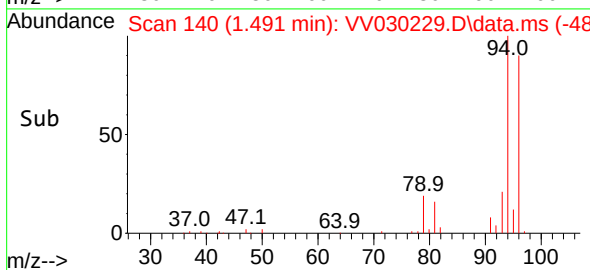
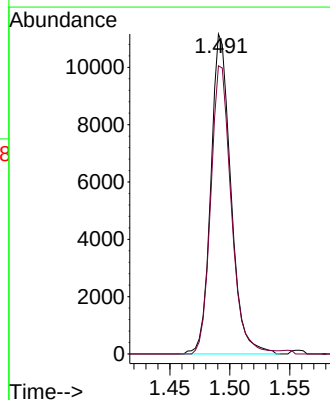
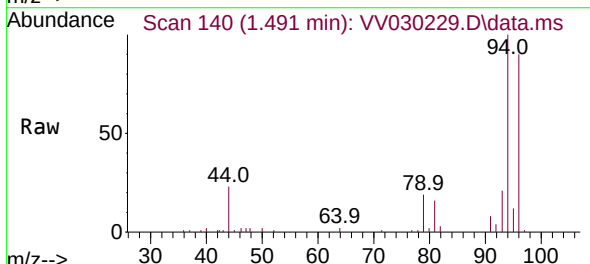
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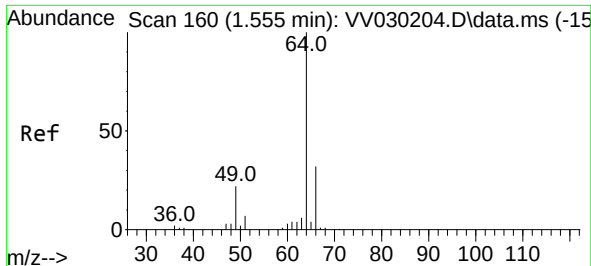
Tgt Ion: 62 Resp: 49087
 Ion Ratio Lower Upper
 62 100
 64 31.5 23.1 42.9



#6
 Bromomethane
 Concen: 6.195 ug/L
 RT: 1.491 min Scan# 140
 Delta R.T. -0.003 min
 Lab File: VV030229.D
 Acq: 17 Mar 2023 10:41

Tgt Ion: 94 Resp: 12978
 Ion Ratio Lower Upper
 94 100
 96 90.0 68.4 127.0

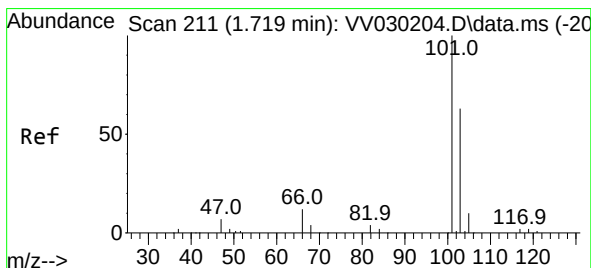
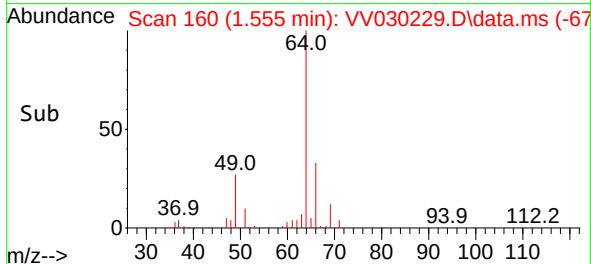
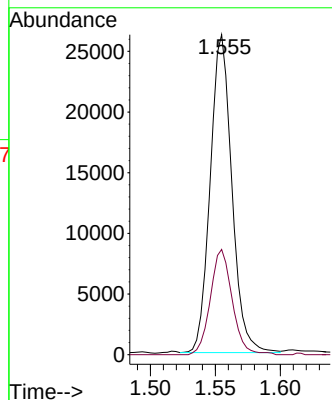
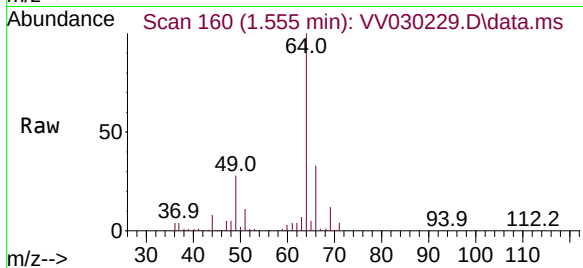




#8
Chloroethane
Concen: 4.267 ug/L
RT: 1.555 min Scan# 160
Delta R.T. 0.000 min
Lab File: VV030229.D
Acq: 17 Mar 2023 10:41

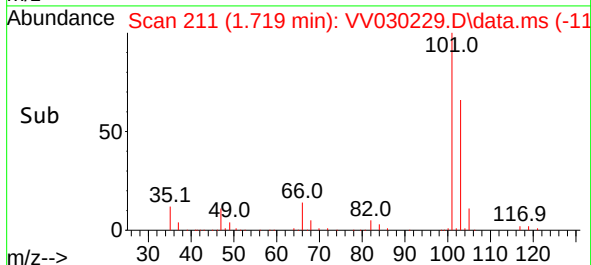
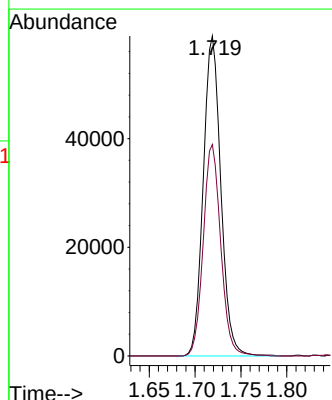
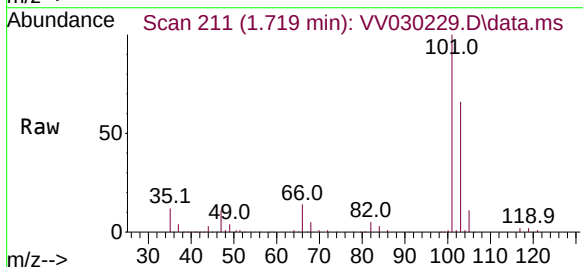
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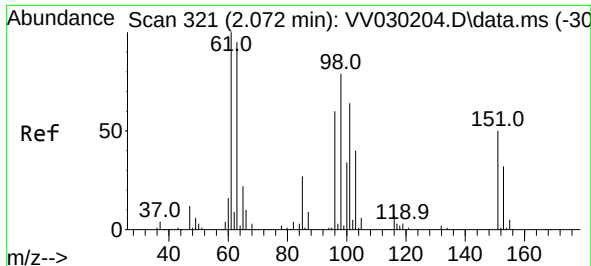
Tgt Ion: 64 Resp: 30341
Ion Ratio Lower Upper
64 100
66 32.9 22.4 41.6



#9
Trichlorofluoromethane
Concen: 4.689 ug/L
RT: 1.719 min Scan# 211
Delta R.T. 0.000 min
Lab File: VV030229.D
Acq: 17 Mar 2023 10:41

Tgt Ion:101 Resp: 78512
Ion Ratio Lower Upper
101 100
103 65.8 52.7 79.1

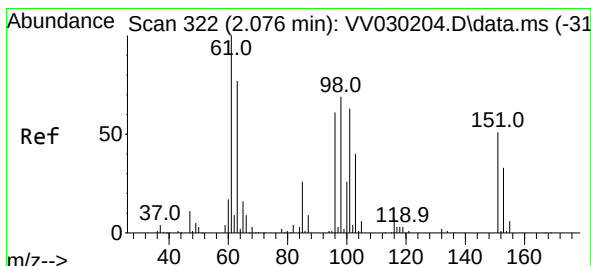
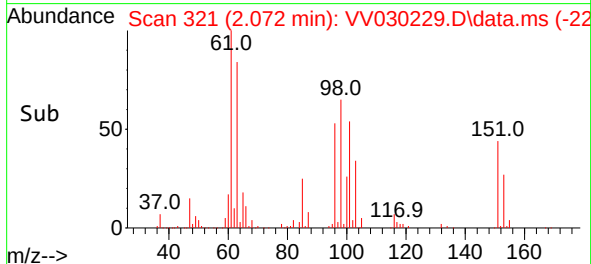
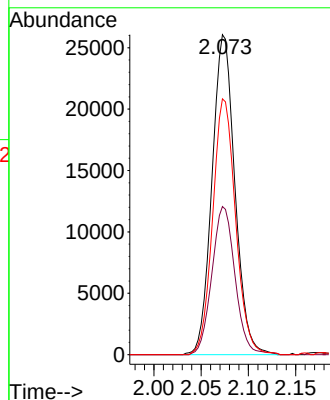
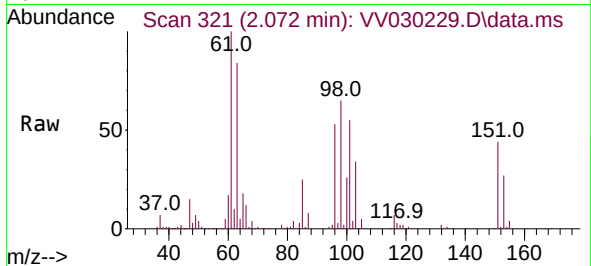




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 4.230 ug/L
 RT: 2.072 min Scan# 31
 Delta R.T. 0.000 min
 Lab File: VV030229.D
 Acq: 17 Mar 2023 10:41

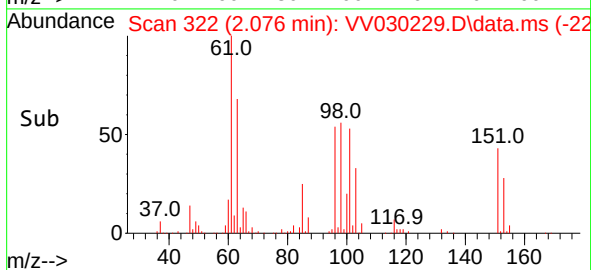
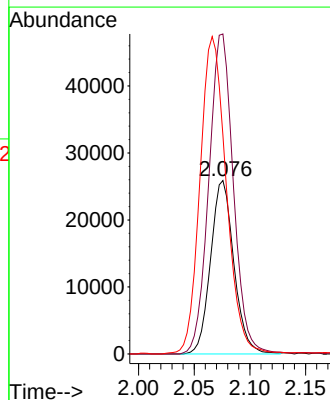
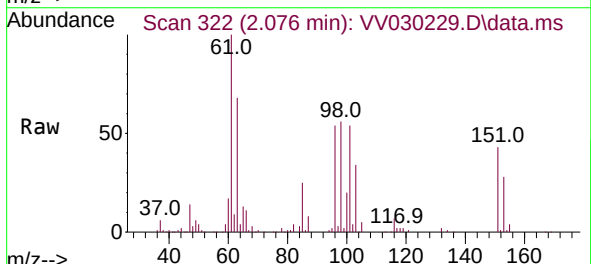
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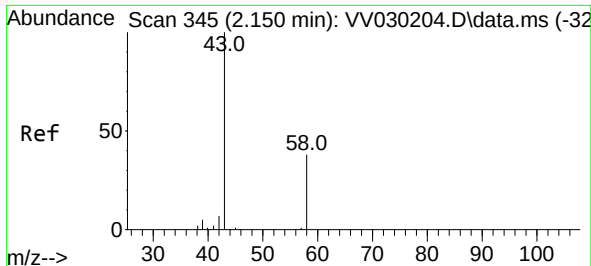
Tgt Ion:101 Resp: 43929
 Ion Ratio Lower Upper
 101 100
 85 46.7 33.5 50.3
 151 80.0 61.6 92.4



#12
 1,1-Dichloroethene
 Concen: 4.101 ug/L
 RT: 2.076 min Scan# 322
 Delta R.T. 0.000 min
 Lab File: VV030229.D
 Acq: 17 Mar 2023 10:41

Tgt Ion: 96 Resp: 37693
 Ion Ratio Lower Upper
 96 100
 61 184.5 115.6 214.6
 63 126.2 85.6 159.0





#13

Acetone

Concen: 59.441 ug/L

RT: 2.143 min Scan# 345

Delta R.T. -0.009 min

Lab File: VV030229.D

Acq: 17 Mar 2023 10:41

Instrument :

MSVOA_V

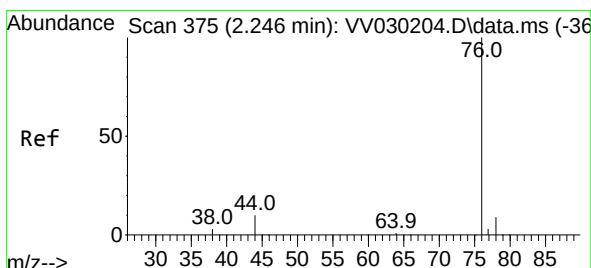
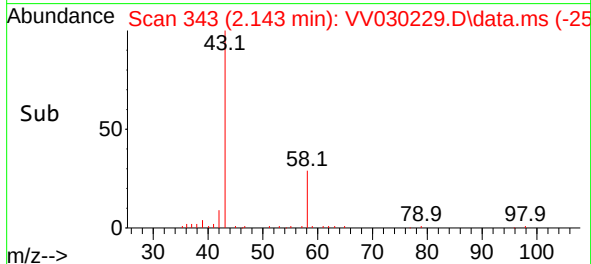
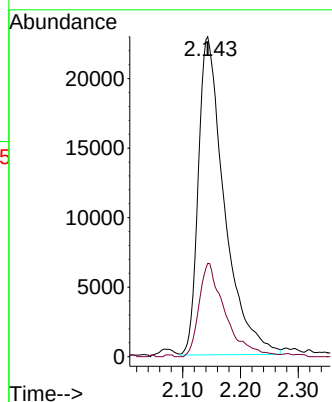
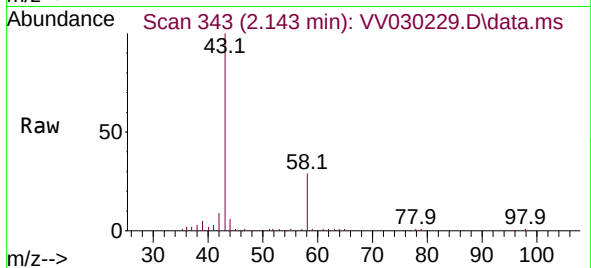
ClientSampleId :

Tgt Ion: 43 Resp: 71786

Ion Ratio Lower Upper

43 100

58 29.4 0.0 29.4



#14

Carbon disulfide

Concen: 3.624 ug/L

RT: 2.246 min Scan# 375

Delta R.T. 0.000 min

Lab File: VV030229.D

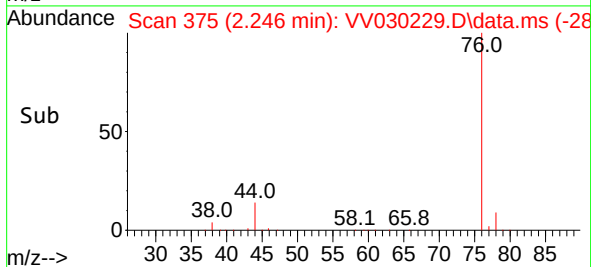
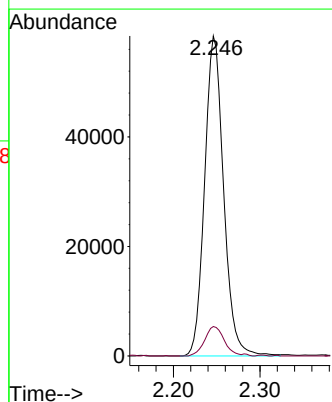
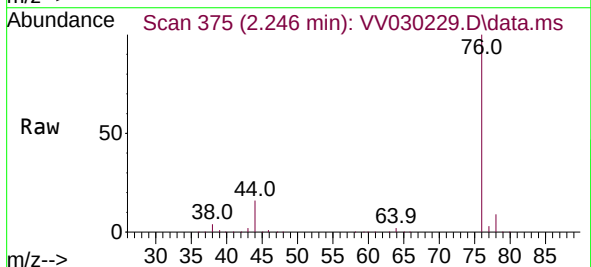
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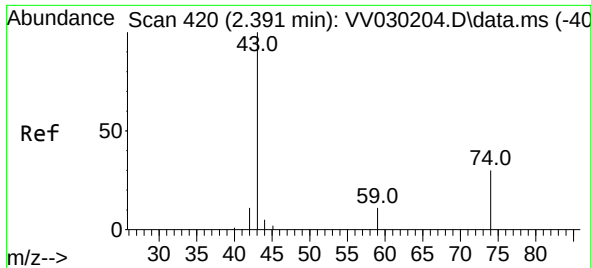
Tgt Ion: 76 Resp: 89136

Ion Ratio Lower Upper

76 100

78 9.2 7.7 11.5

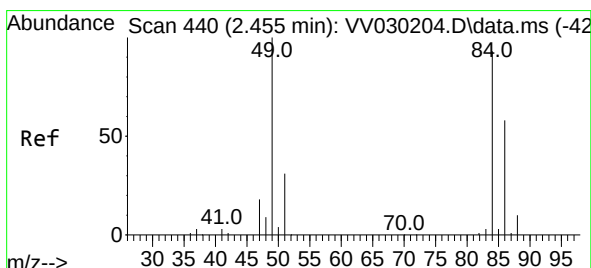
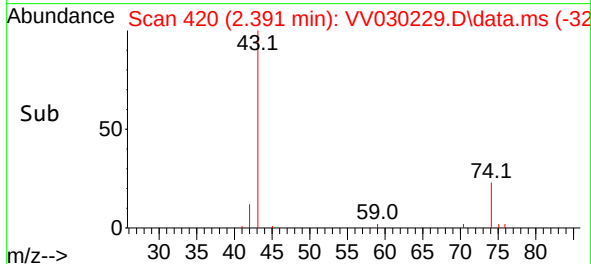
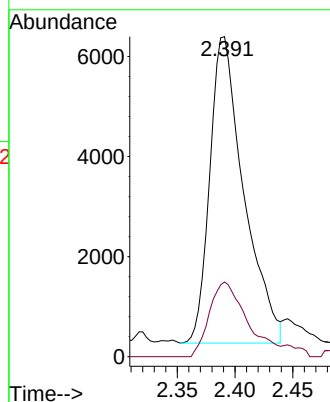
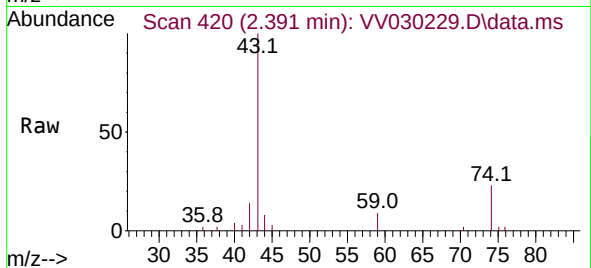




#15
Methyl Acetate
Concen: 4.457 ug/L
RT: 2.391 min Scan# 41
Delta R.T. 0.000 min
Lab File: VV030229.D
Acq: 17 Mar 2023 10:41

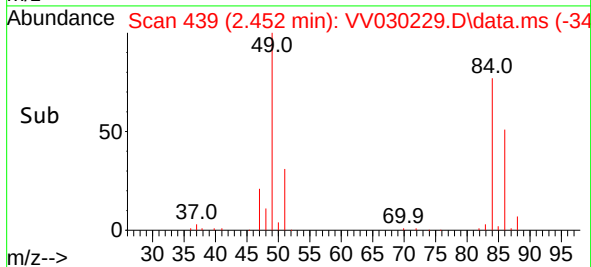
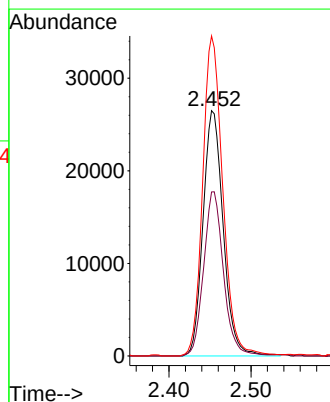
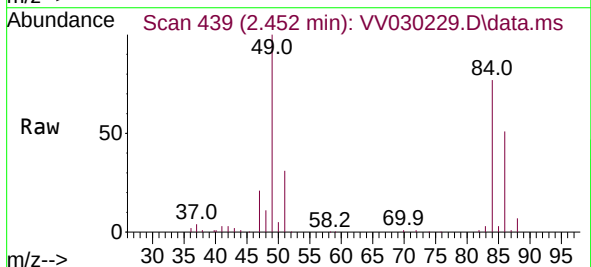
Instrument :
MSVOA_V
ClientSampleId :

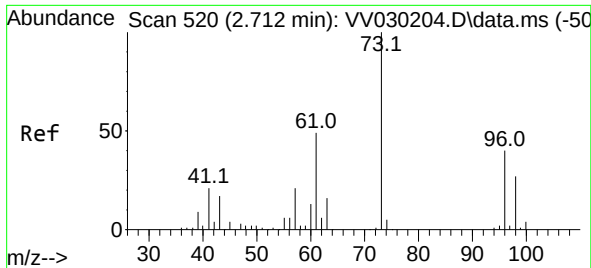
Tgt Ion: 43 Resp: 12570
Ion Ratio Lower Upper
43 100
74 26.9 20.1 30.1



#16
Methylene chloride
Concen: 4.038 ug/L
RT: 2.452 min Scan# 439
Delta R.T. -0.003 min
Lab File: VV030229.D
Acq: 17 Mar 2023 10:41

Tgt Ion: 84 Resp: 45341
Ion Ratio Lower Upper
84 100
86 66.8 44.7 83.1
49 130.4 78.8 146.3

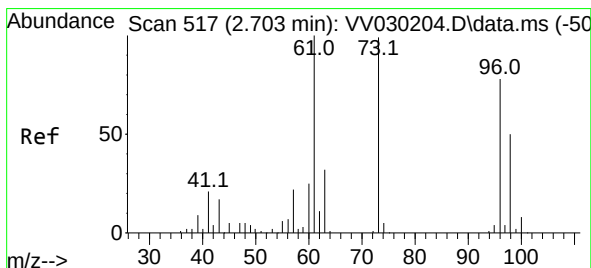
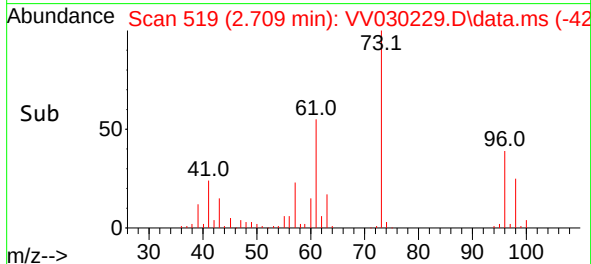
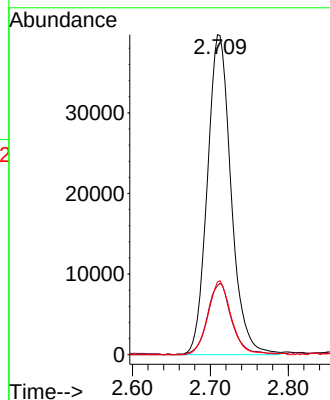
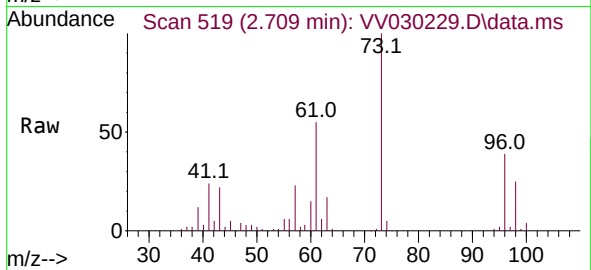




#17
Methyl tert-butyl Ether
Concen: 4.684 ug/L
RT: 2.709 min Scan# 519
Delta R.T. -0.003 min
Lab File: VV030229.D
Acq: 17 Mar 2023 10:41

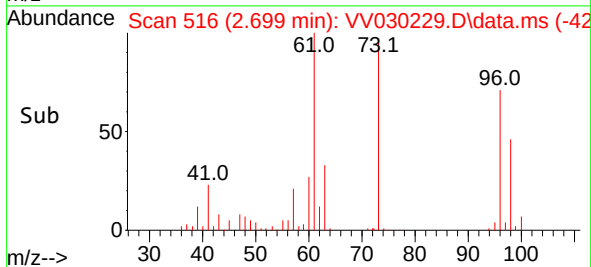
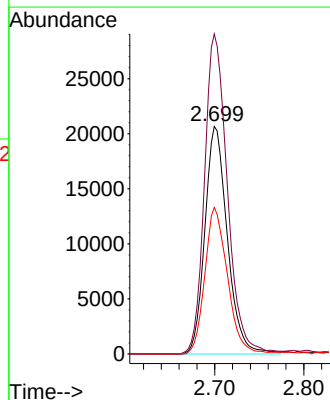
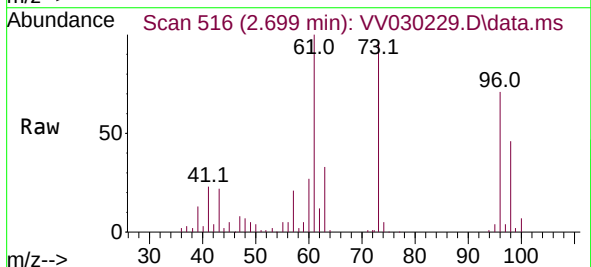
Instrument :
MSVOA_V
ClientSampleId :

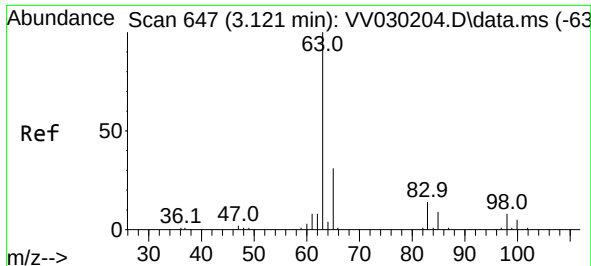
Tgt Ion: 73 Resp: 84189
Ion Ratio Lower Upper
73 100
43 22.8 13.4 20.2#
57 22.6 16.8 25.2



#18
trans-1,2-Dichloroethene
Concen: 4.153 ug/L
RT: 2.699 min Scan# 516
Delta R.T. -0.003 min
Lab File: VV030229.D
Acq: 17 Mar 2023 10:41

Tgt Ion: 96 Resp: 36312
Ion Ratio Lower Upper
96 100
61 140.6 91.0 169.0
98 64.4 45.2 84.0





#19

1,1-Dichloroethane

Concen: 4.796 ug/L

RT: 3.117 min Scan# 64

Delta R.T. -0.003 min

Lab File: VV030229.D

Acq: 17 Mar 2023 10:41

Instrument :

MSVOA_V

ClientSampleId :

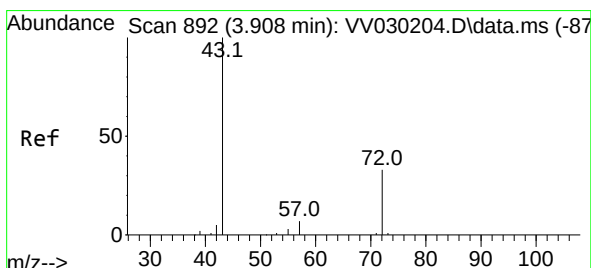
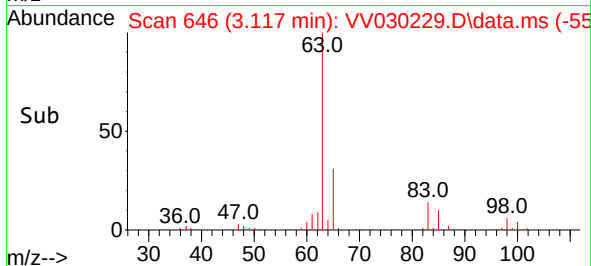
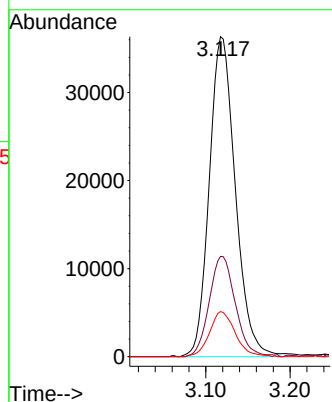
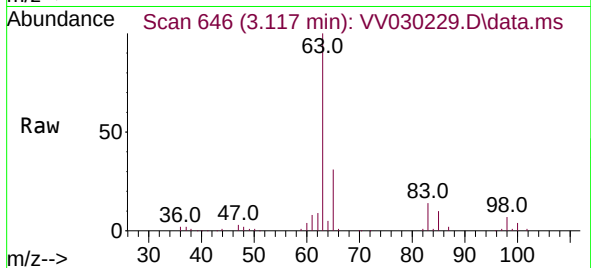
Tgt Ion: 63 Resp: 78123

Ion Ratio Lower Upper

63 100

65 31.3 23.0 42.8

83 14.1 9.6 17.8



#21

2-Butanone

Concen: 55.635 ug/L

RT: 3.896 min Scan# 888

Delta R.T. -0.016 min

Lab File: VV030229.D

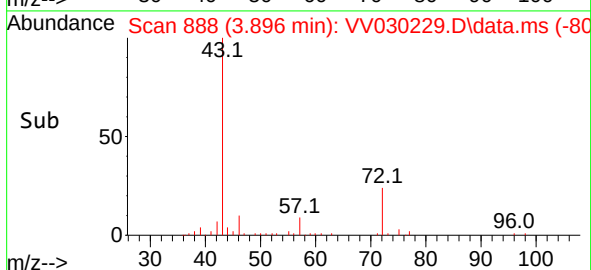
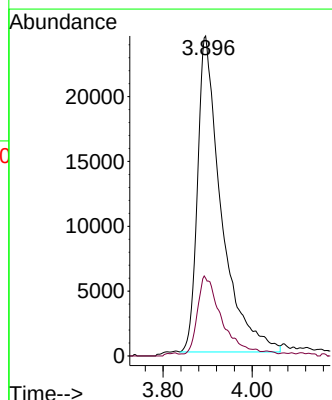
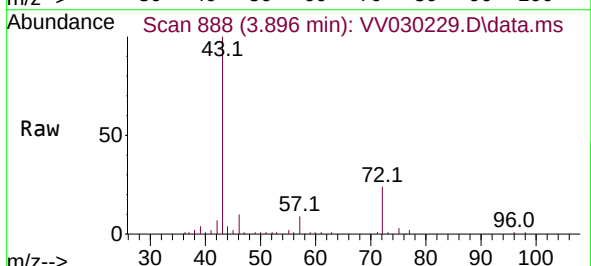
Acq: 17 Mar 2023 10:41

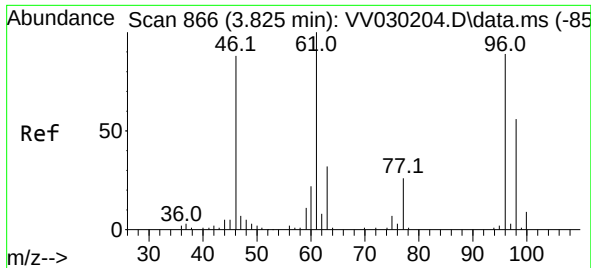
Tgt Ion: 43 Resp: 90362

Ion Ratio Lower Upper

43 100

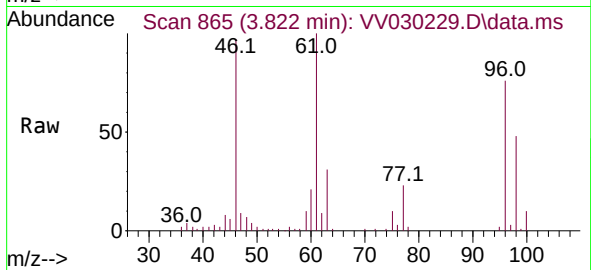
72 24.1 15.1 45.3





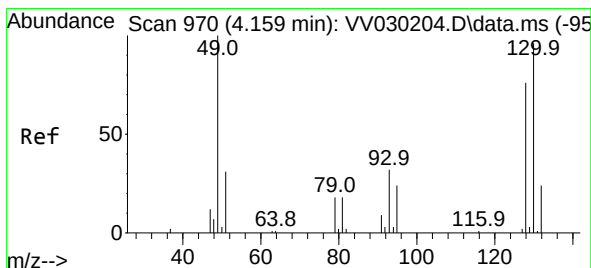
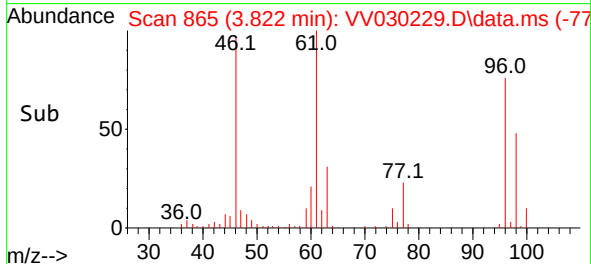
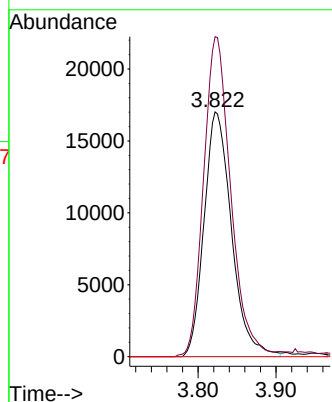
#22
 cis-1,2-Dichloroethene
 Concen: 4.311 ug/L
 RT: 3.822 min Scan# 865
 Delta R.T. -0.003 min
 Lab File: VV030229.D
 Acq: 17 Mar 2023 10:41

Instrument :
 MSVOA_V
 ClientSampleId :



Tgt Ion: 96 Resp: 41669

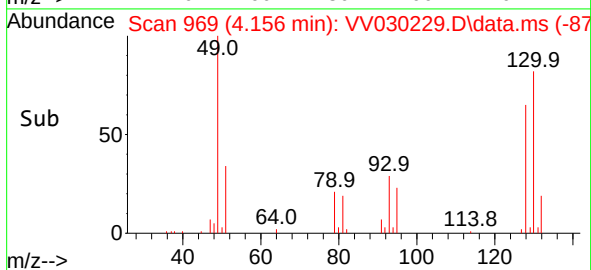
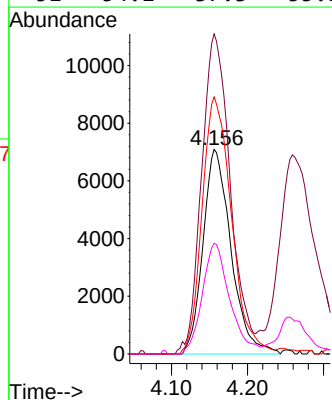
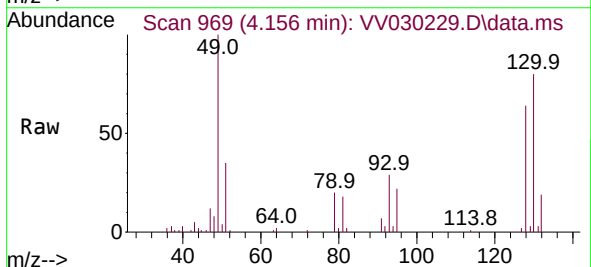
Ion	Ratio	Lower	Upper
96	100		
61	130.7	83.4	154.8
68	0.0	0.0	0.0

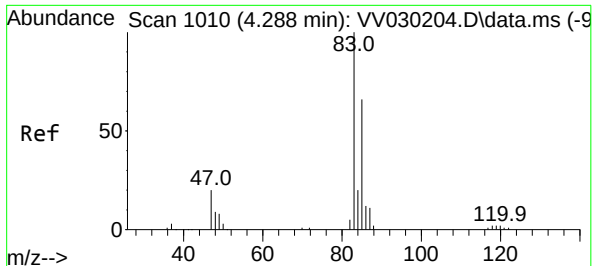


#23
 Bromochloromethane
 Concen: 4.390 ug/L
 RT: 4.156 min Scan# 969
 Delta R.T. 0.000 min
 Lab File: VV030229.D
 Acq: 17 Mar 2023 10:41

Tgt Ion: 128 Resp: 18131

Ion	Ratio	Lower	Upper
128	100		
49	156.5	99.5	184.9
130	125.8	90.5	168.1
51	54.1	37.3	55.9





#25

Chloroform

Concen: 4.813 ug/L

RT: 4.285 min Scan# 1010

Delta R.T. -0.003 min

Lab File: VV030229.D

Acq: 17 Mar 2023 10:41

Instrument :

MSVOA_V

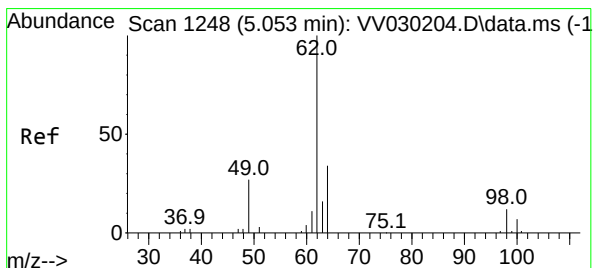
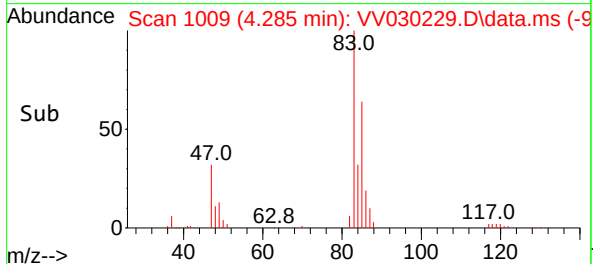
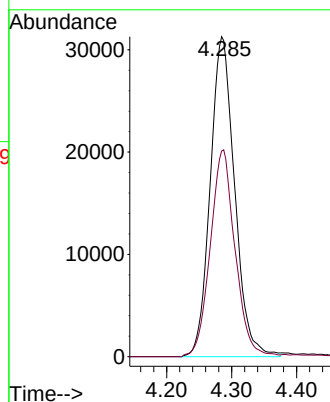
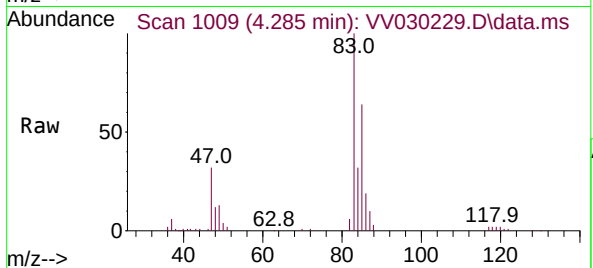
ClientSampleId :

Tgt Ion: 83 Resp: 81552

Ion Ratio Lower Upper

83 100

85 64.3 46.5 86.5



#27

1,2-Dichloroethane

Concen: 5.490 ug/L

RT: 5.050 min Scan# 1247

Delta R.T. -0.003 min

Lab File: VV030229.D

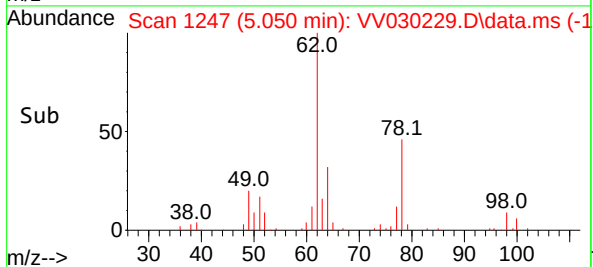
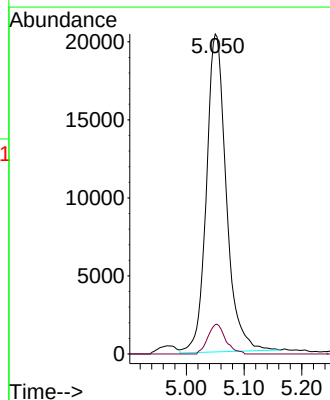
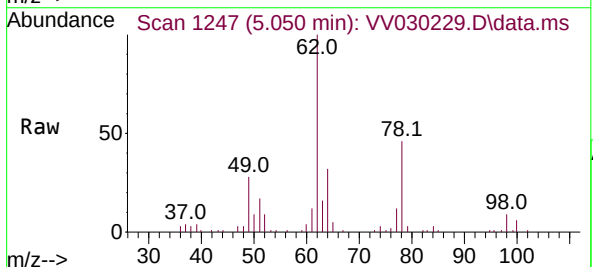
Acq: 17 Mar 2023 10:41

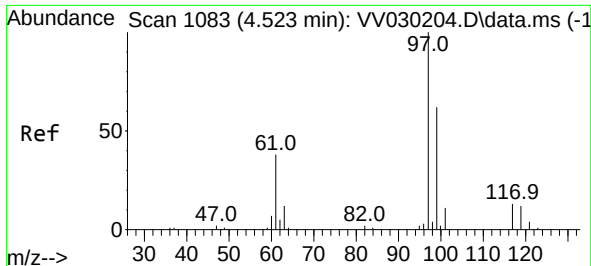
Tgt Ion: 62 Resp: 48657

Ion Ratio Lower Upper

62 100

98 9.1 9.0 13.4





#29

1,1,1-Trichloroethane

Concen: 5.211 ug/L

RT: 4.519 min Scan# 1104

Delta R.T. -0.003 min

Lab File: VV030229.D

Acq: 17 Mar 2023 10:41

Instrument :

MSVOA_V

ClientSampleId :

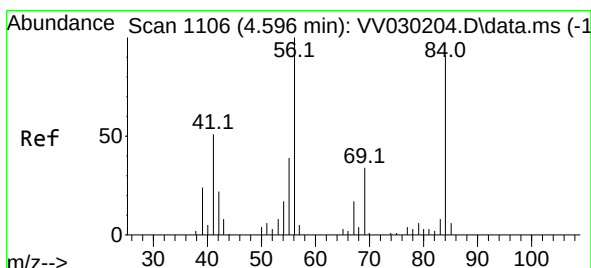
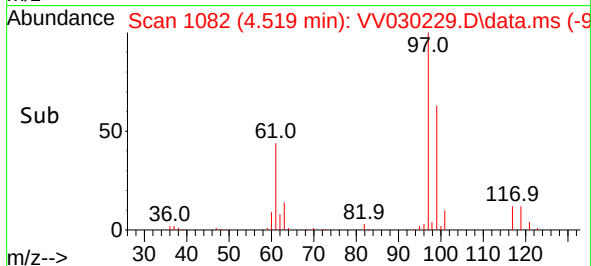
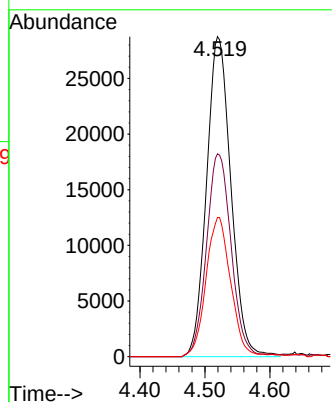
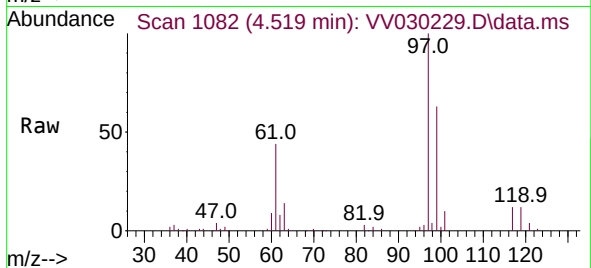
Tgt Ion: 97 Resp: 75068

Ion Ratio Lower Upper

97 100

99 64.0 51.3 76.9

61 43.7 31.5 47.3



#30

Cyclohexane

Concen: 4.497 ug/L

RT: 4.590 min Scan# 1104

Delta R.T. -0.003 min

Lab File: VV030229.D

Acq: 17 Mar 2023 10:41

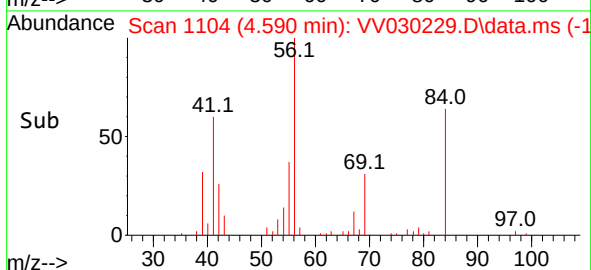
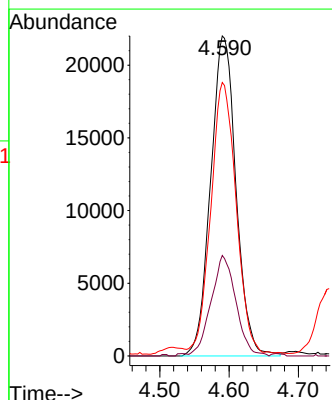
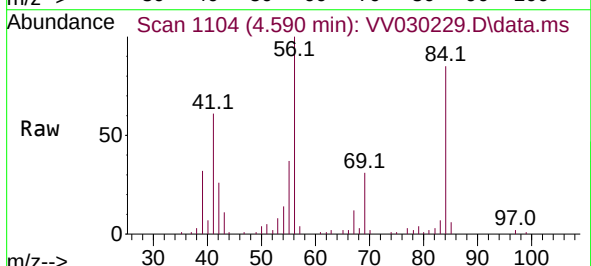
Tgt Ion: 56 Resp: 55982

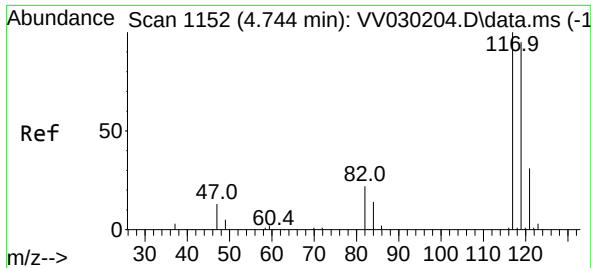
Ion Ratio Lower Upper

56 100

69 30.6 25.1 37.7

84 83.6 74.6 111.8

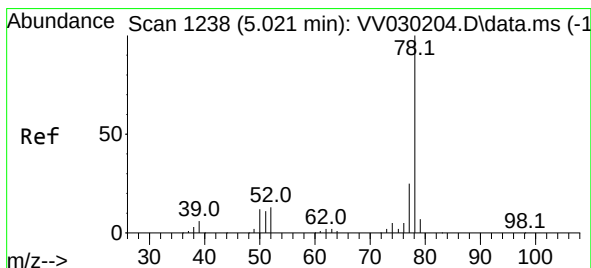
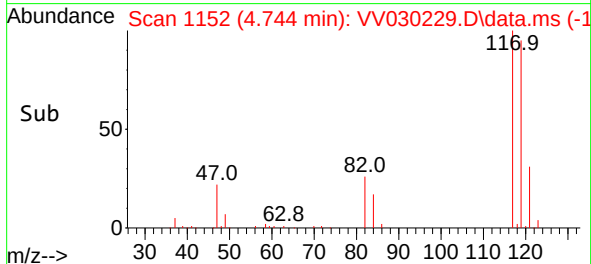
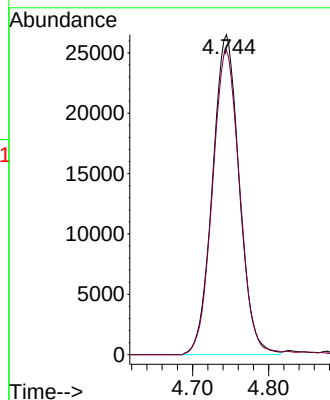
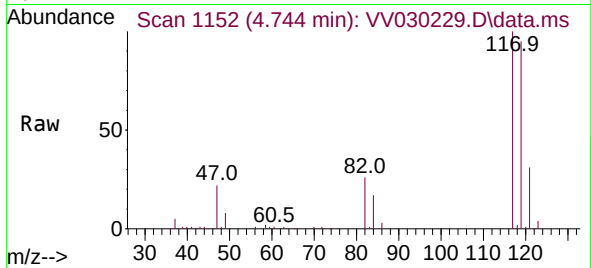




#31
Carbon tetrachloride
Concen: 4.991 ug/L
RT: 4.744 min Scan# 1152
Delta R.T. 0.000 min
Lab File: VV030229.D
Acq: 17 Mar 2023 10:41

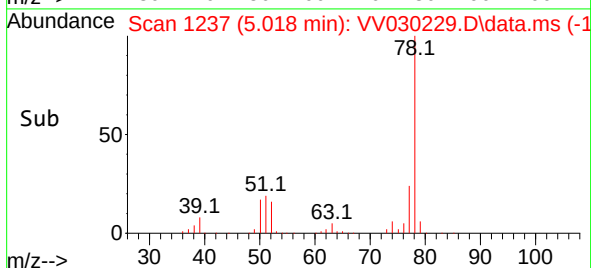
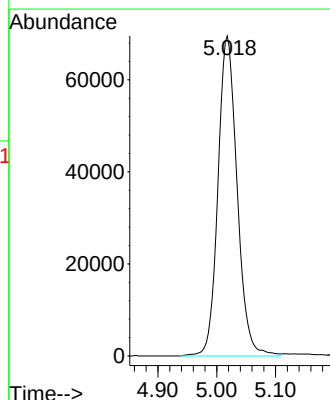
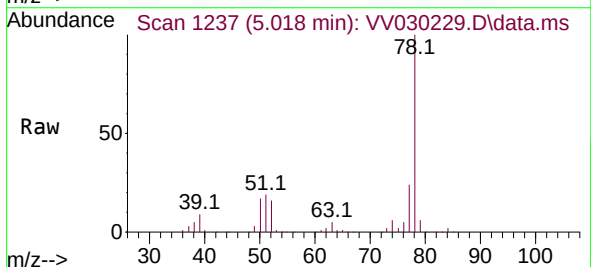
Instrument :
MSVOA_V
ClientSampleId :

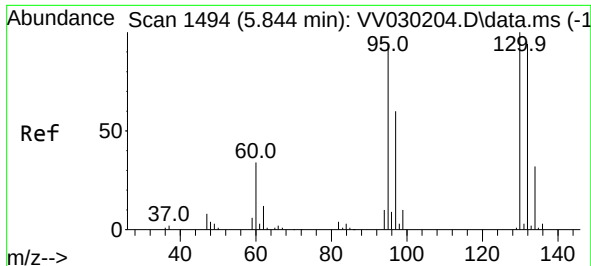
Tgt Ion:117 Resp: 64634
Ion Ratio Lower Upper
117 100
119 97.0 76.1 114.1



#33
Benzene
Concen: 4.694 ug/L
RT: 5.018 min Scan# 1237
Delta R.T. -0.003 min
Lab File: VV030229.D
Acq: 17 Mar 2023 10:41

Tgt Ion: 78 Resp: 157210

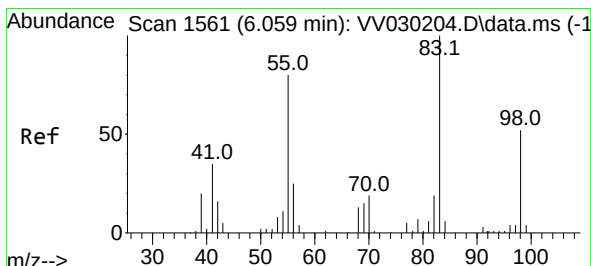
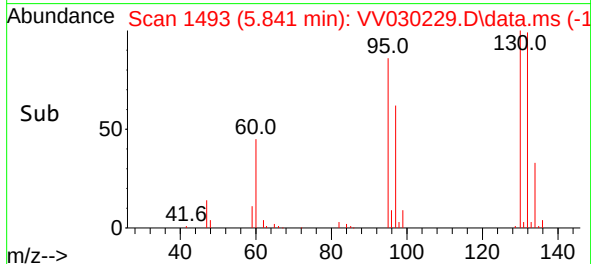
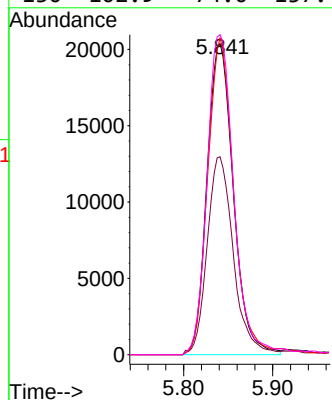
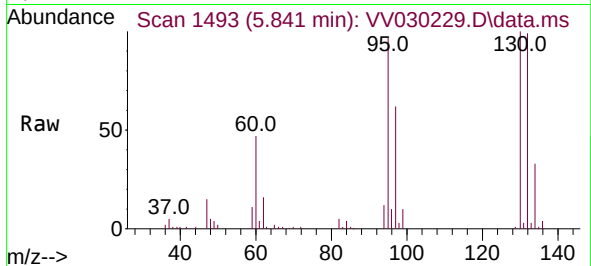




#34
Trichloroethene
Concen: 4.460 ug/L
RT: 5.841 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VV030229.D
Acq: 17 Mar 2023 10:41

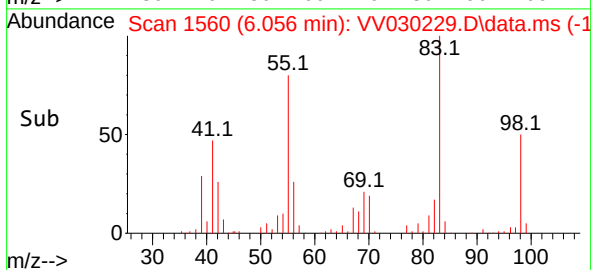
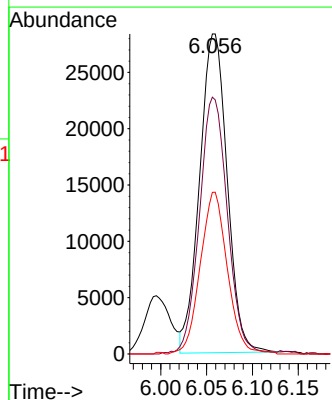
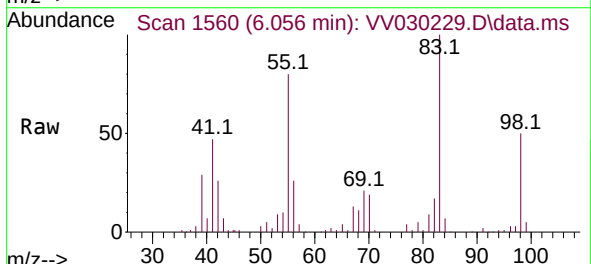
Instrument :
MSVOA_V
ClientSampleId :

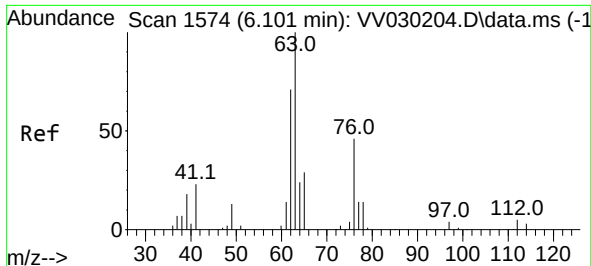
Tgt Ion: 95 Resp: 41862
Ion Ratio Lower Upper
95 100
97 63.6 46.5 86.5
132 101.8 71.7 133.3
130 102.9 74.0 137.4



#35
Methylcyclohexane
Concen: 4.170 ug/L
RT: 6.056 min Scan# 1560
Delta R.T. -0.003 min
Lab File: VV030229.D
Acq: 17 Mar 2023 10:41

Tgt Ion: 83 Resp: 59234
Ion Ratio Lower Upper
83 100
55 81.9 57.6 86.4
98 49.9 38.8 58.2





#37

1,2-Dichloropropane

Concen: 4.775 ug/L

RT: 6.101 min Scan# 1

Delta R.T. 0.000 min

Lab File: VV030229.D

Acq: 17 Mar 2023 10:41

Instrument :

MSVOA_V

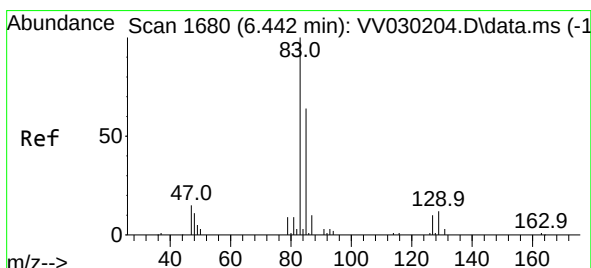
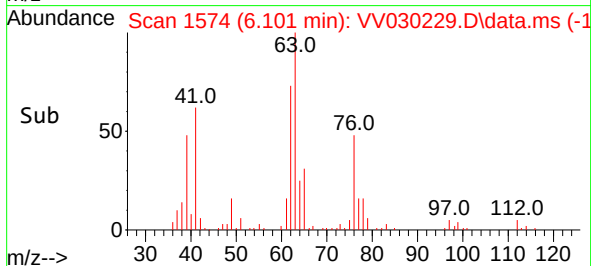
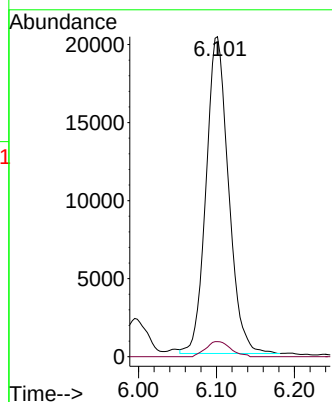
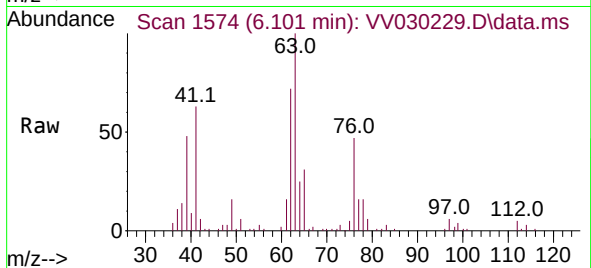
ClientSampleId :

Tgt Ion: 63 Resp: 40691

Ion Ratio Lower Upper

63 100

112 5.2 3.8 5.6



#38

Bromodichloromethane

Concen: 5.206 ug/L

RT: 6.439 min Scan# 1679

Delta R.T. -0.003 min

Lab File: VV030229.D

Acq: 17 Mar 2023 10:41

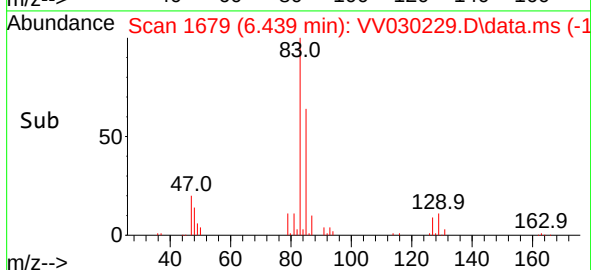
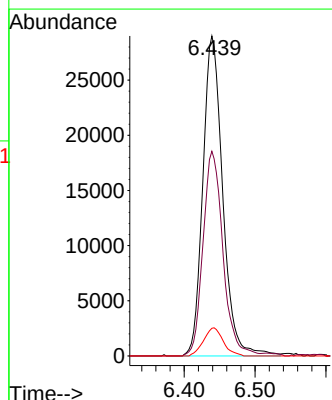
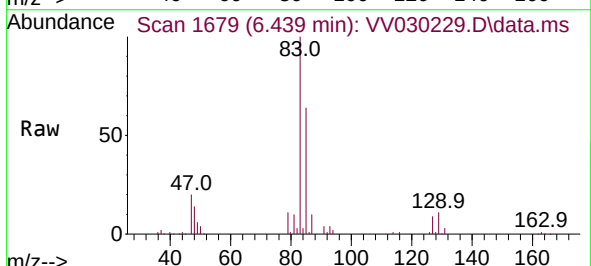
Tgt Ion: 83 Resp: 56631

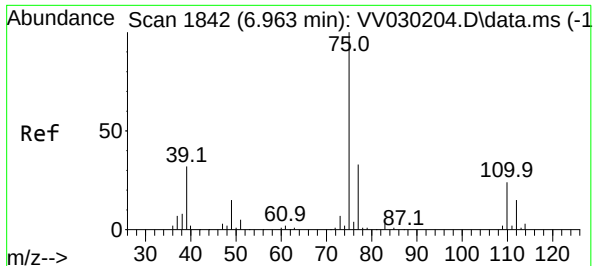
Ion Ratio Lower Upper

83 100

85 64.0 44.3 82.3

127 8.6 7.2 10.8





#39

cis-1,3-Dichloropropene

Concen: 4.637 ug/L

RT: 6.960 min Scan# 11

Delta R.T. -0.003 min

Lab File: VV030229.D

Acq: 17 Mar 2023 10:41

Instrument :

MSVOA_V

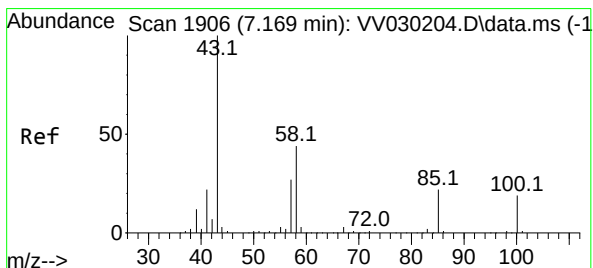
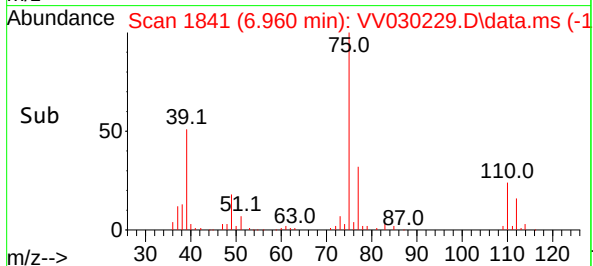
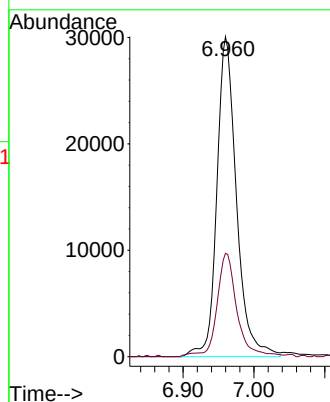
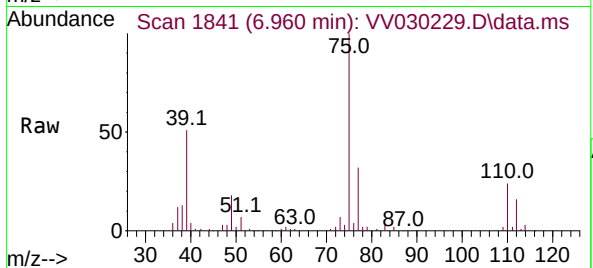
ClientSampleId :

Tgt Ion: 75 Resp: 57843

Ion Ratio Lower Upper

75 100

77 32.3 22.3 41.3



#40

4-Methyl-2-pentanone

Concen: 63.683 ug/L

RT: 7.166 min Scan# 1905

Delta R.T. -0.003 min

Lab File: VV030229.D

Acq: 17 Mar 2023 10:41

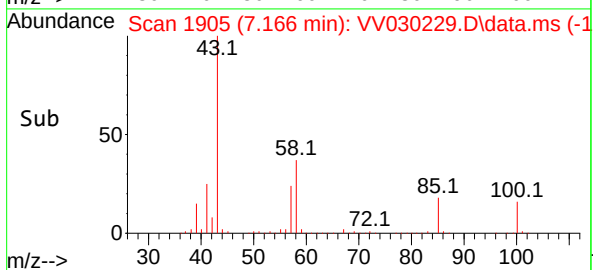
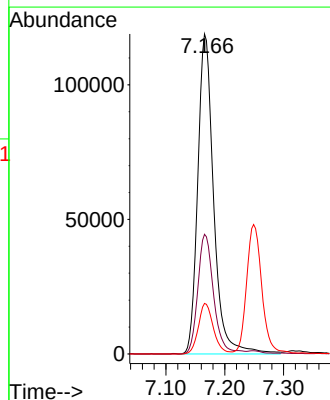
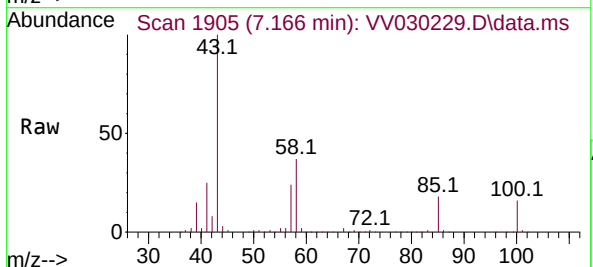
Tgt Ion: 43 Resp: 223922

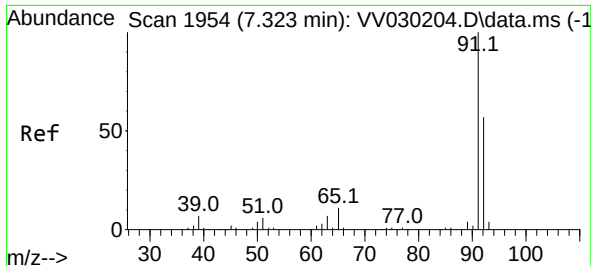
Ion Ratio Lower Upper

43 100

58 37.2 35.3 52.9

100 14.9 14.7 22.1





#42

Toluene

Concen: 4.785 ug/L

RT: 7.323 min Scan# 1954

Delta R.T. 0.000 min

Lab File: VV030229.D

Acq: 17 Mar 2023 10:41

Instrument :

MSVOA_V

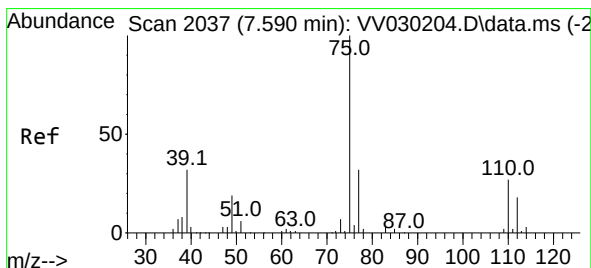
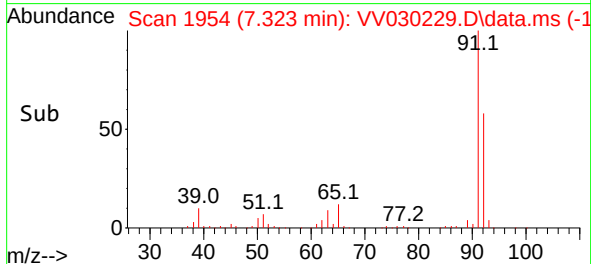
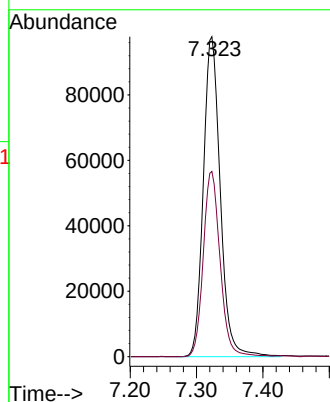
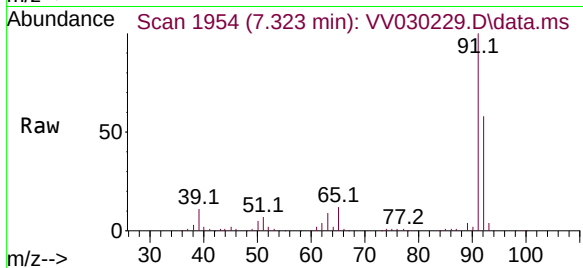
ClientSampleId :

Tgt Ion: 91 Resp: 173598

Ion Ratio Lower Upper

91 100

92 57.9 39.6 73.6



#44

trans-1,3-Dichloropropene

Concen: 4.880 ug/L

RT: 7.587 min Scan# 2036

Delta R.T. -0.003 min

Lab File: VV030229.D

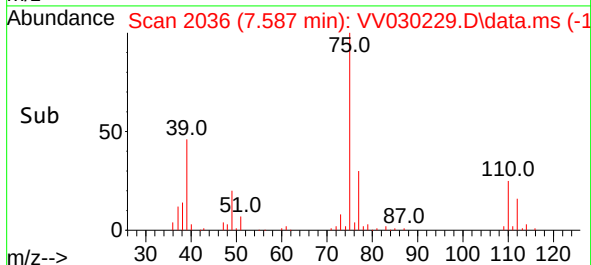
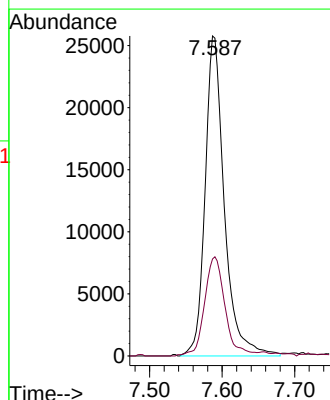
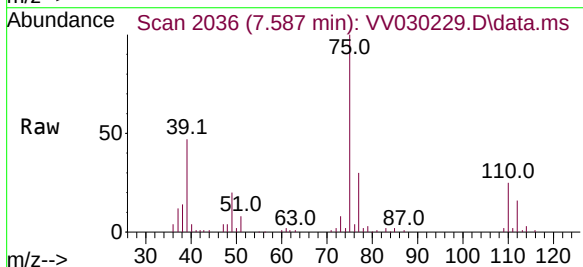
Acq: 17 Mar 2023 10:41

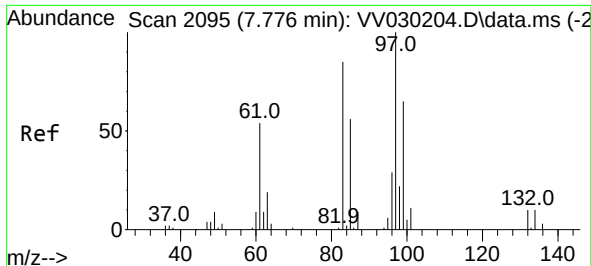
Tgt Ion: 75 Resp: 47519

Ion Ratio Lower Upper

75 100

77 30.3 22.1 41.1



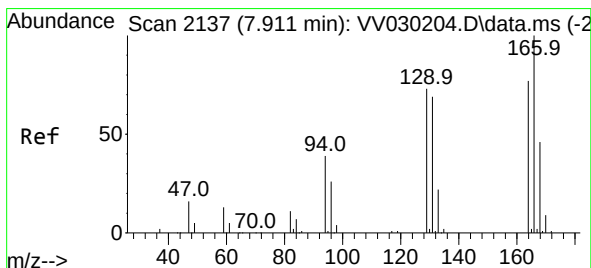
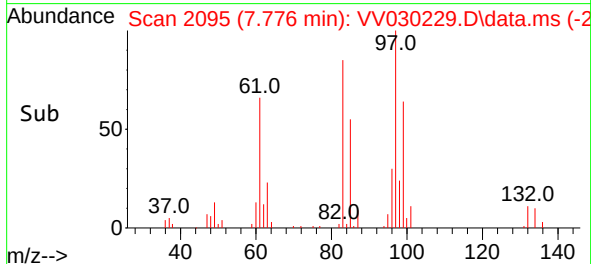
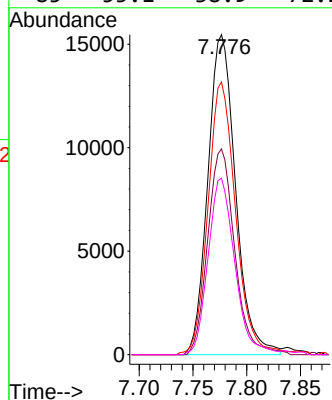
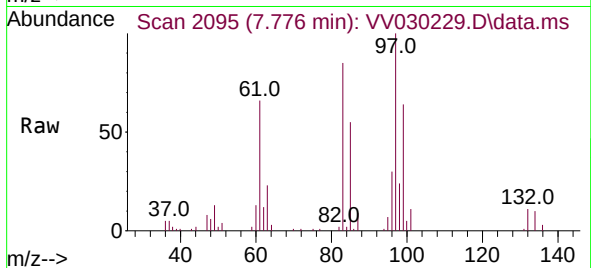


#45
1,1,2-Trichloroethane
Concen: 4.550 ug/L
RT: 7.776 min Scan# 2095
Delta R.T. 0.000 min
Lab File: VV030229.D
Acq: 17 Mar 2023 10:41

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 97 Resp: 27741

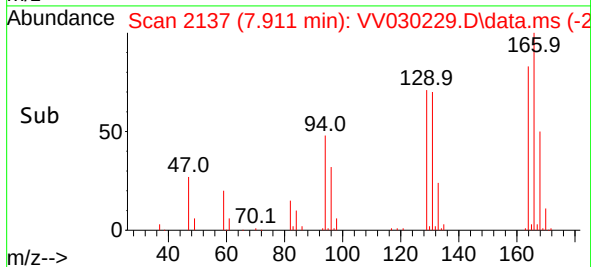
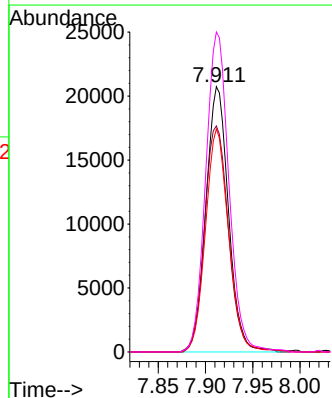
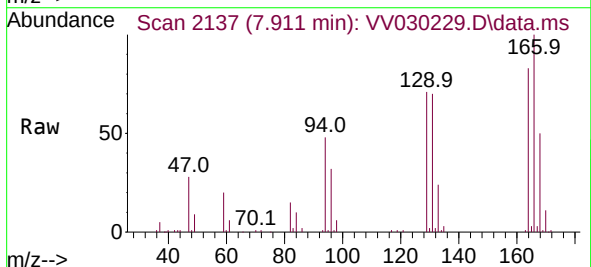
Ion	Ratio	Lower	Upper
97	100		
99	64.3	42.6	79.2
83	85.2	57.7	107.3
85	55.1	38.9	72.2

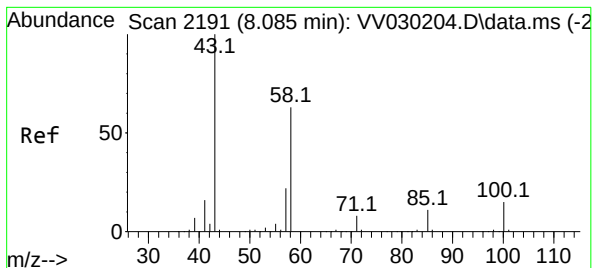


#47
Tetrachloroethene
Concen: 4.283 ug/L
RT: 7.911 min Scan# 2137
Delta R.T. 0.000 min
Lab File: VV030229.D
Acq: 17 Mar 2023 10:41

Tgt Ion: 164 Resp: 34505

Ion	Ratio	Lower	Upper
164	100		
129	85.3	63.6	118.2
131	84.1	61.7	114.7
166	120.6	90.8	168.6





#48

2-Hexanone

Concen: 61.718 ug/L

RT: 8.085 min Scan# 2191

Delta R.T. 0.000 min

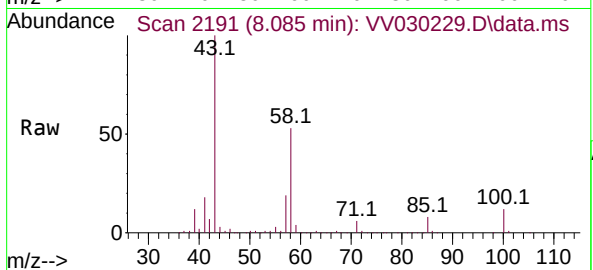
Lab File: VV030229.D

Acq: 17 Mar 2023 10:41

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion: 43 Resp: 155359

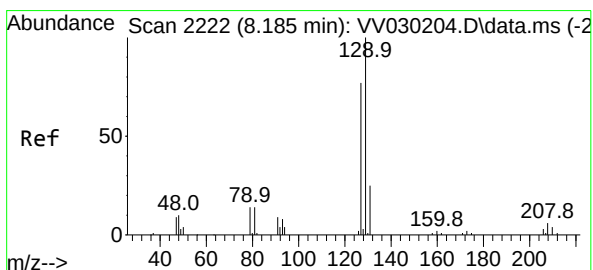
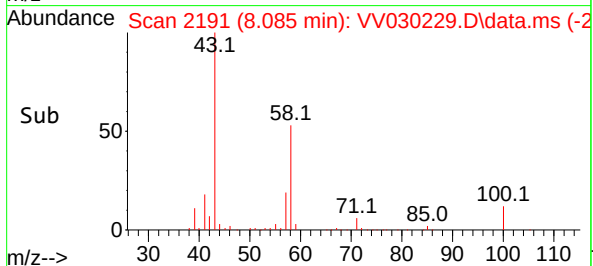
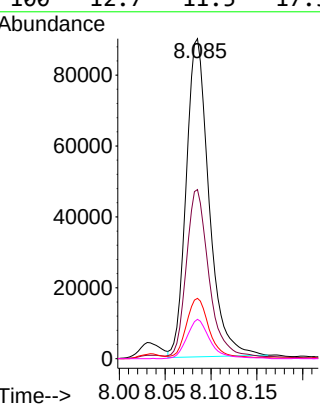
Ion Ratio Lower Upper

43 100

58 53.8 49.8 74.8

57 19.2 16.6 24.8

100 12.7 11.5 17.3



#49

Dibromochloromethane

Concen: 4.817 ug/L

RT: 8.185 min Scan# 2222

Delta R.T. 0.000 min

Lab File: VV030229.D

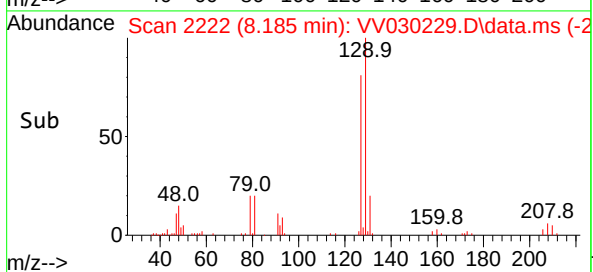
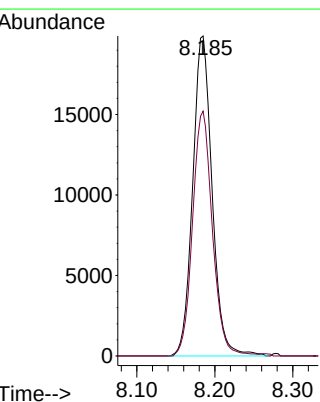
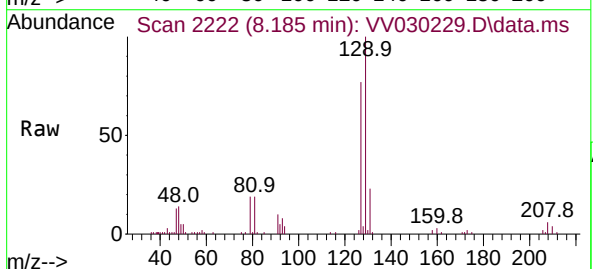
Acq: 17 Mar 2023 10:41

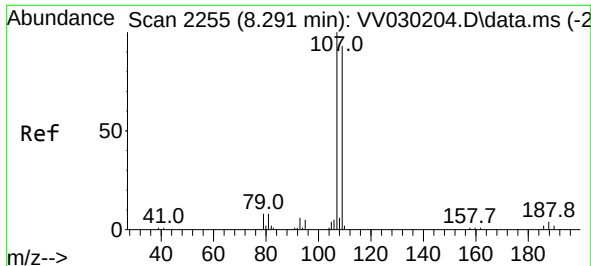
Tgt Ion: 129 Resp: 34369

Ion Ratio Lower Upper

129 100

127 76.5 54.7 101.5





#50

1,2-Dibromoethane

Concen: 4.401 ug/L

RT: 8.291 min Scan# 21

Delta R.T. 0.000 min

Lab File: VV030229.D

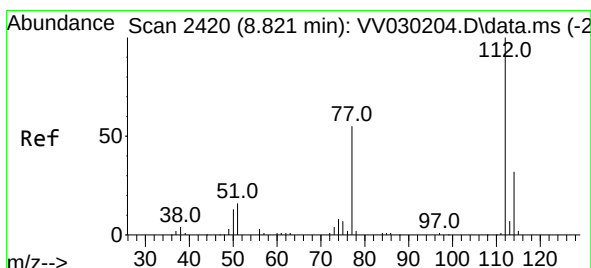
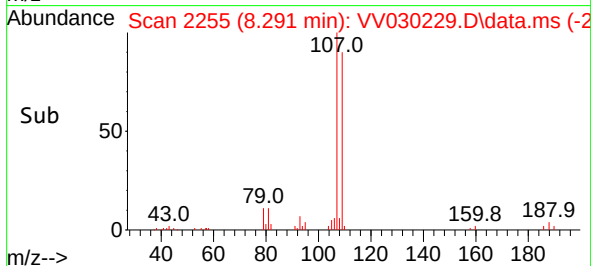
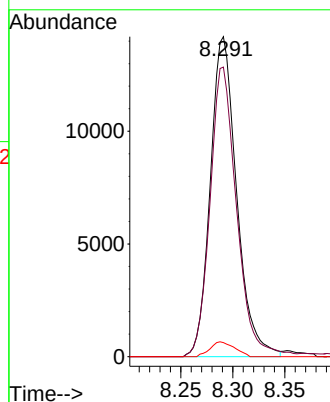
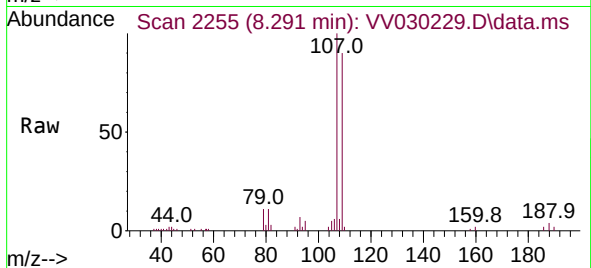
Acq: 17 Mar 2023 10:41

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion:107	Resp:	25034
Ion Ratio	Lower	Upper
107	100	
109	90.5	63.3 117.7
188	4.4	3.0 4.6



#51

Chlorobenzene

Concen: 4.376 ug/L

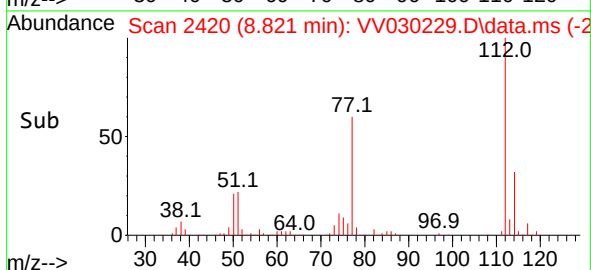
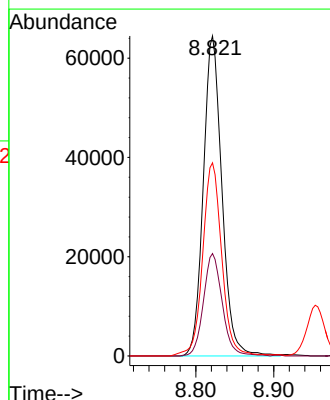
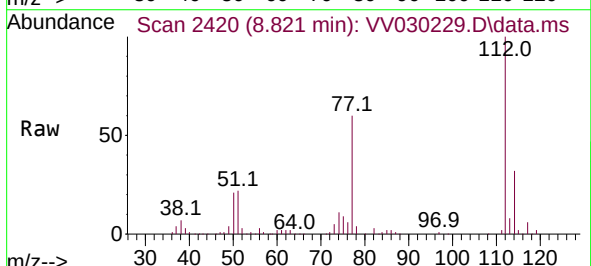
RT: 8.821 min Scan# 2420

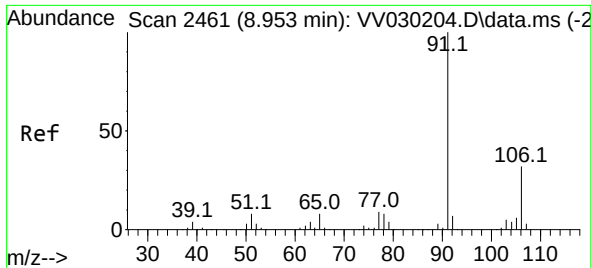
Delta R.T. 0.000 min

Lab File: VV030229.D

Acq: 17 Mar 2023 10:41

Tgt Ion:112	Resp:	107060
Ion Ratio	Lower	Upper
112	100	
114	32.0	22.5 41.7
77	60.3	45.3 67.9

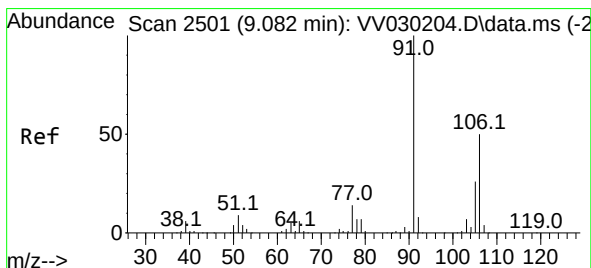
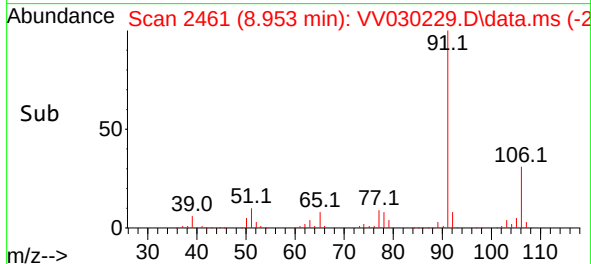
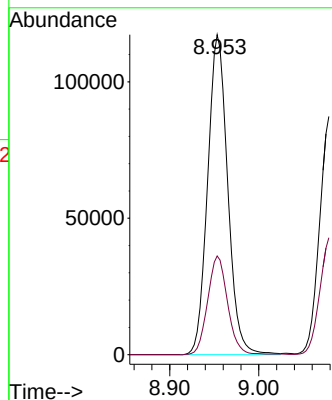
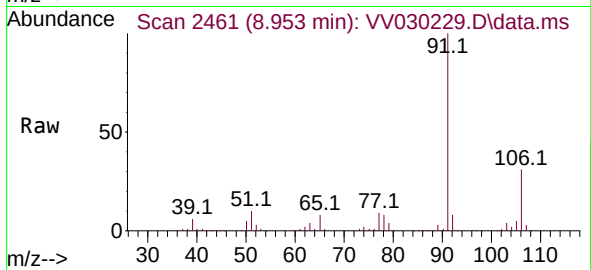




#52
Ethylbenzene
Concen: 4.638 ug/L
RT: 8.953 min Scan# 2461
Delta R.T. 0.000 min
Lab File: VV030229.D
Acq: 17 Mar 2023 10:41

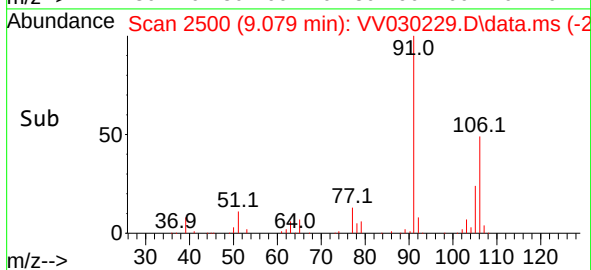
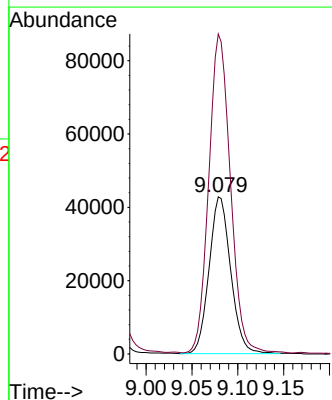
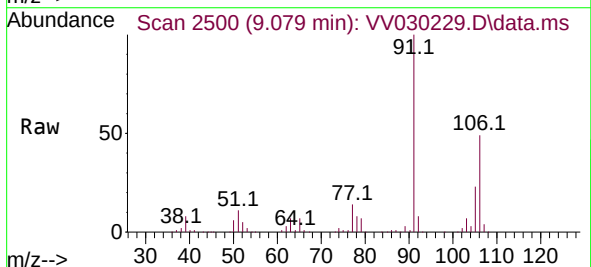
Instrument :
MSVOA_V
ClientSampleId :

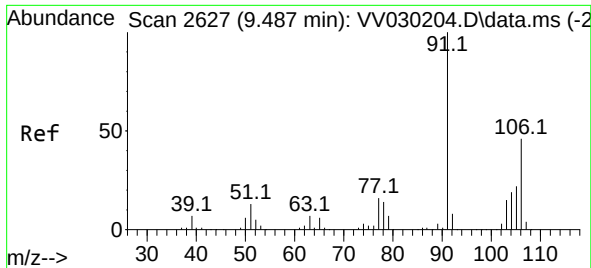
Tgt Ion: 91 Resp: 183091
Ion Ratio Lower Upper
91 100
106 30.9 22.0 40.8



#53
m,p-Xylene
Concen: 4.624 ug/L
RT: 9.079 min Scan# 2500
Delta R.T. -0.003 min
Lab File: VV030229.D
Acq: 17 Mar 2023 10:41

Tgt Ion: 106 Resp: 70169
Ion Ratio Lower Upper
106 100
91 203.6 142.5 264.7

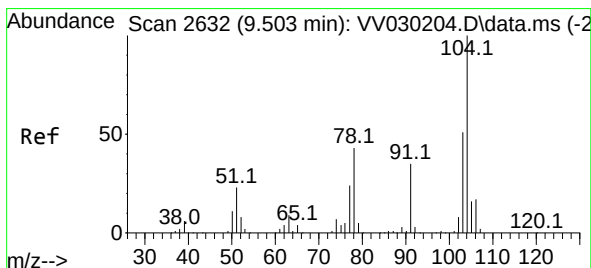
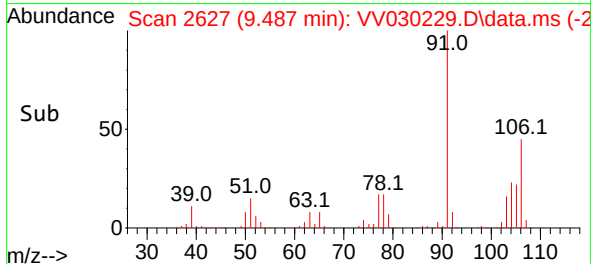
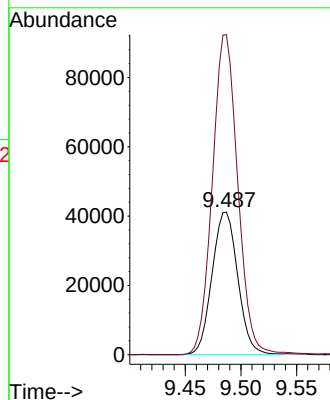
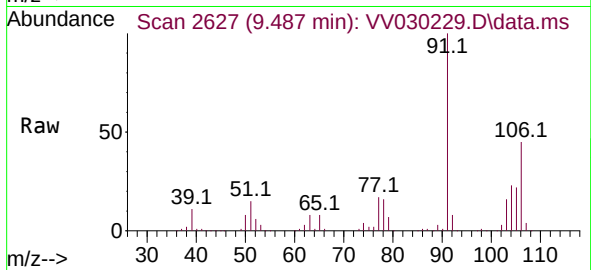




#54
o-Xylene
Concen: 4.558 ug/L
RT: 9.487 min Scan# 2627
Delta R.T. 0.000 min
Lab File: VV030229.D
Acq: 17 Mar 2023 10:41

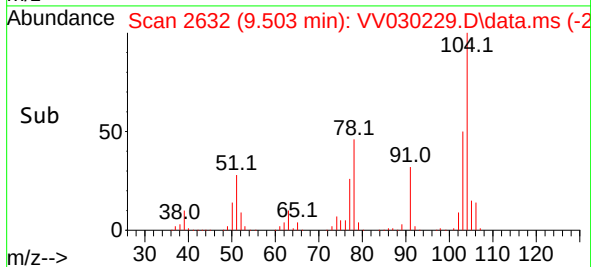
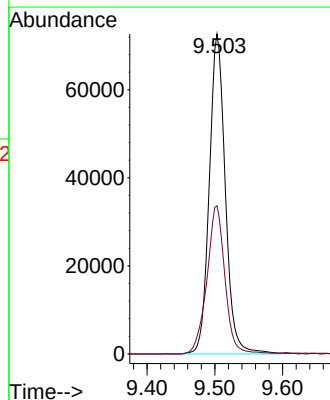
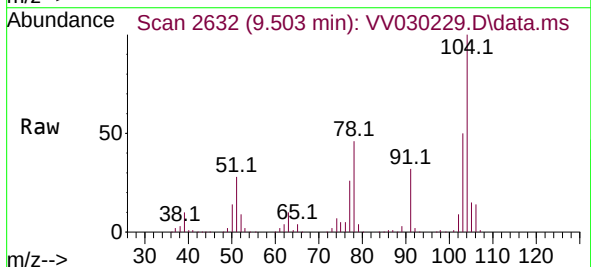
Instrument :
MSVOA_V
ClientSampleId :

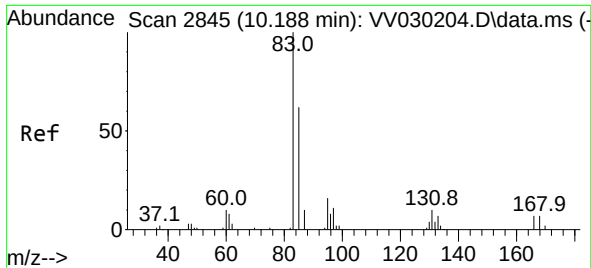
Tgt Ion:106 Resp: 66068
Ion Ratio Lower Upper
106 100
91 224.6 148.8 276.4



#55
Styrene
Concen: 4.971 ug/L
RT: 9.503 min Scan# 2632
Delta R.T. 0.000 min
Lab File: VV030229.D
Acq: 17 Mar 2023 10:41

Tgt Ion:104 Resp: 119826
Ion Ratio Lower Upper
104 100
78 46.3 31.1 57.9

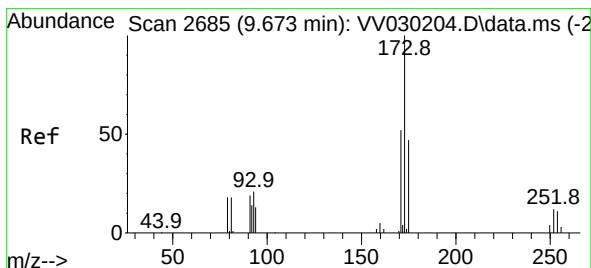
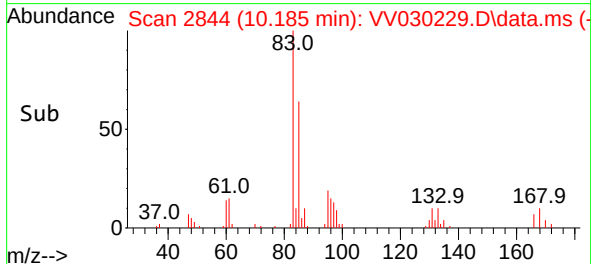
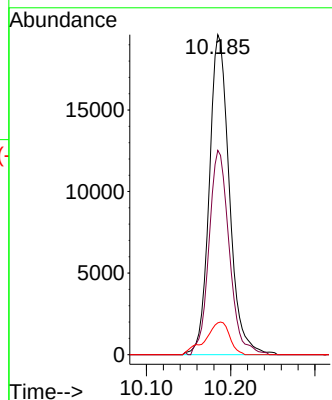
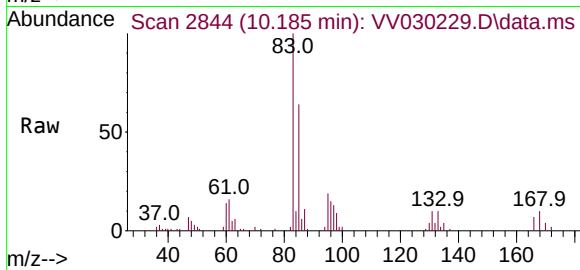




#57
1,1,2-Tetrachloroethane
Concen: 4.763 ug/L
RT: 10.185 min Scan# 2845
Delta R.T. -0.003 min
Lab File: VV030229.D
Acq: 17 Mar 2023 10:41

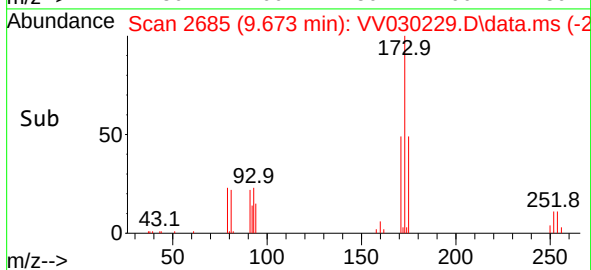
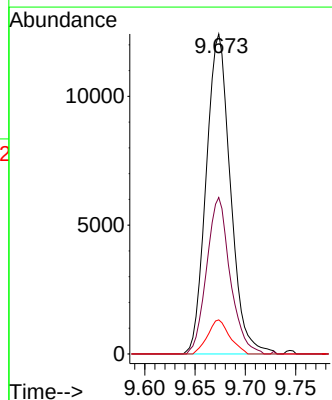
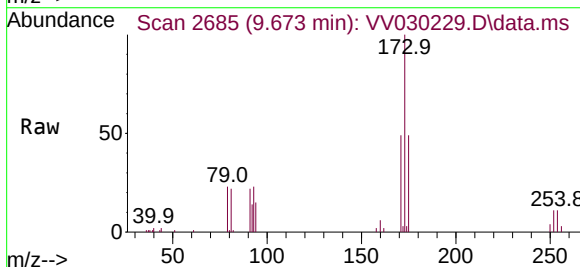
Instrument :
MSVOA_V
ClientSampleId :

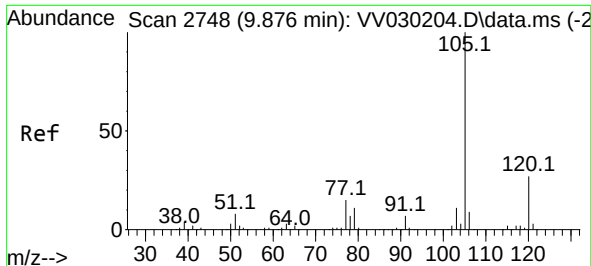
Tgt Ion: 83 Resp: 32488
Ion Ratio Lower Upper
83 100
85 63.9 45.0 83.6
131 10.0 8.2 12.4



#59
Bromoform
Concen: 4.914 ug/L
RT: 9.673 min Scan# 2685
Delta R.T. 0.000 min
Lab File: VV030229.D
Acq: 17 Mar 2023 10:41

Tgt Ion: 173 Resp: 20805
Ion Ratio Lower Upper
173 100
175 47.4 38.5 57.7
254 9.7 8.6 13.0

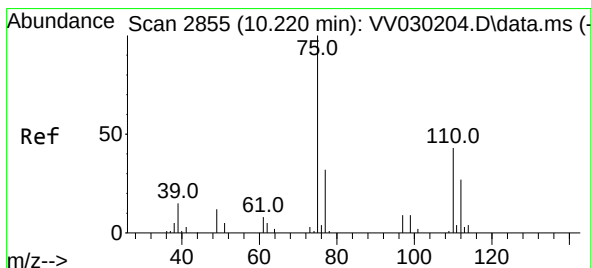
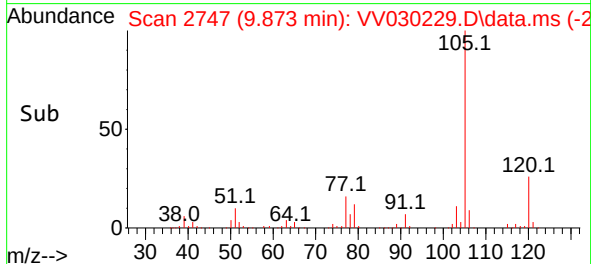
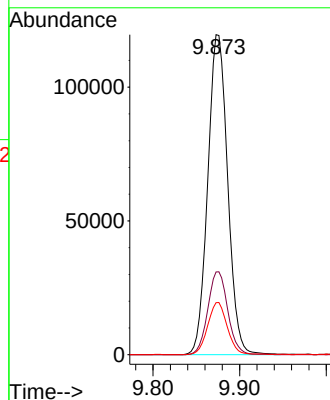
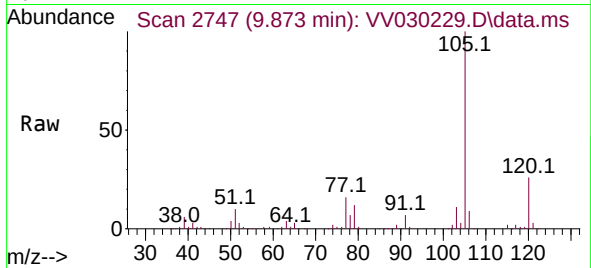




#60
Isopropylbenzene
Concen: 4.705 ug/L
RT: 9.873 min Scan# 21
Delta R.T. -0.003 min
Lab File: VV030229.D
Acq: 17 Mar 2023 10:41

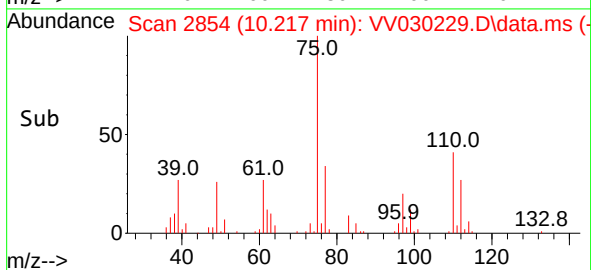
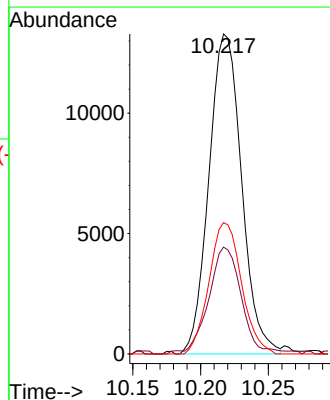
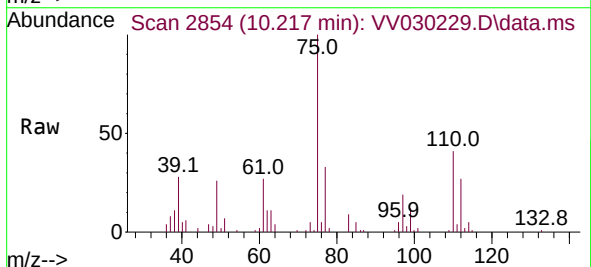
Instrument :
MSVOA_V
ClientSampleId :

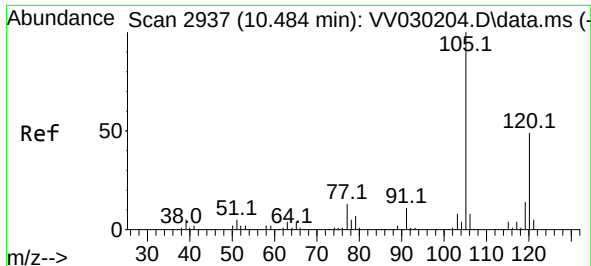
Tgt Ion:105 Resp: 191231
Ion Ratio Lower Upper
105 100
120 26.0 21.4 32.0
77 16.0 12.1 18.1



#61
1,2,3-Trichloropropane
Concen: 4.712 ug/L
RT: 10.217 min Scan# 2854
Delta R.T. -0.003 min
Lab File: VV030229.D
Acq: 17 Mar 2023 10:41

Tgt Ion: 75 Resp: 22275
Ion Ratio Lower Upper
75 100
77 33.7 26.5 39.7
110 40.8 31.8 47.6





#62

1,3,5-Trimethylbenzene

Concen: 4.636 ug/L

RT: 10.484 min Scan# 2937

Delta R.T. 0.000 min

Lab File: VV030229.D

Acq: 17 Mar 2023 10:41

Instrument :

MSVOA_V

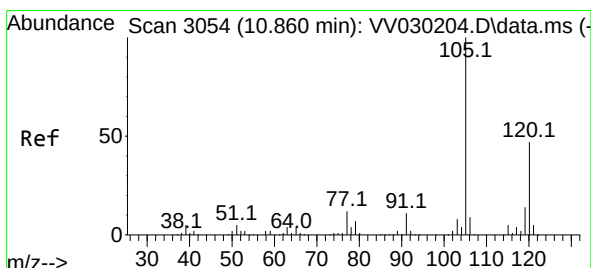
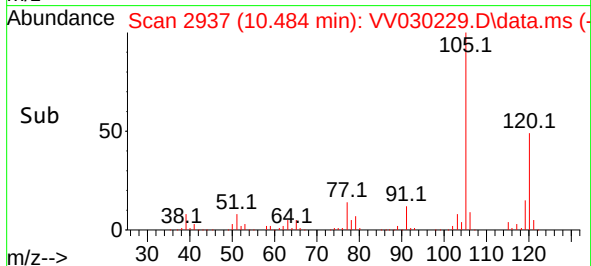
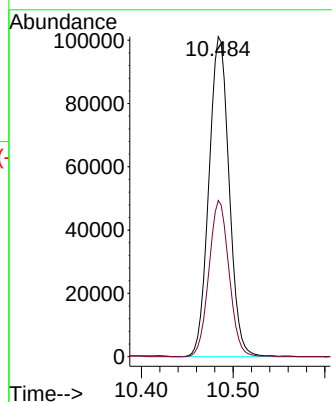
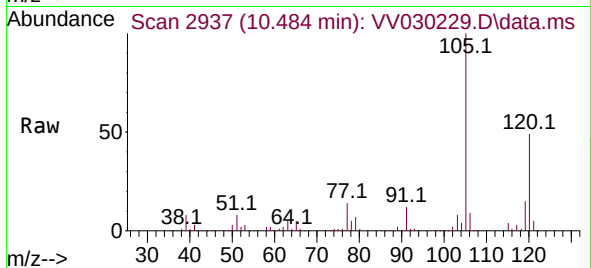
ClientSampleId :

Tgt Ion:105 Resp: 154780

Ion Ratio Lower Upper

105 100

120 48.6 39.6 59.4



#63

1,2,4-Trimethylbenzene

Concen: 4.762 ug/L

RT: 10.860 min Scan# 3054

Delta R.T. 0.000 min

Lab File: VV030229.D

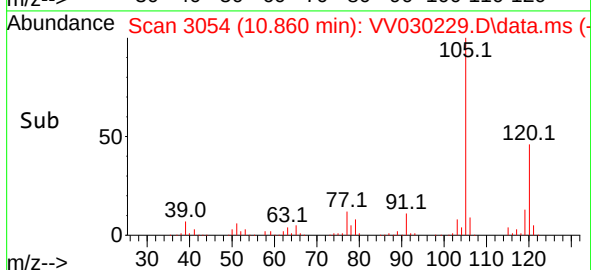
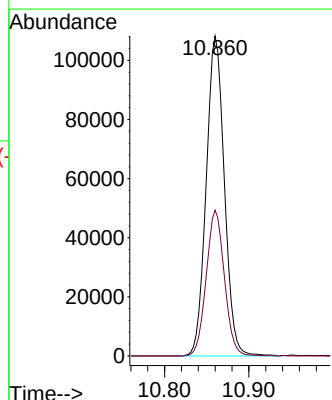
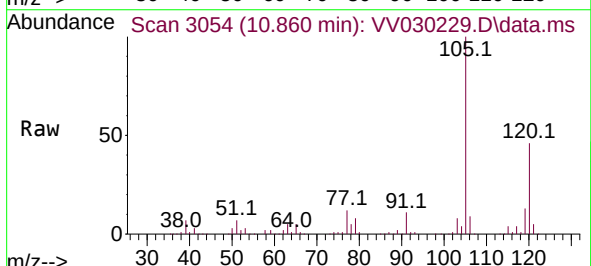
Acq: 17 Mar 2023 10:41

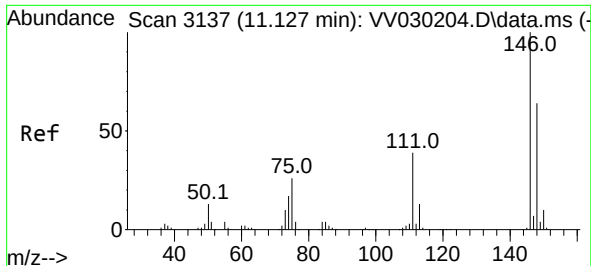
Tgt Ion:105 Resp: 162618

Ion Ratio Lower Upper

105 100

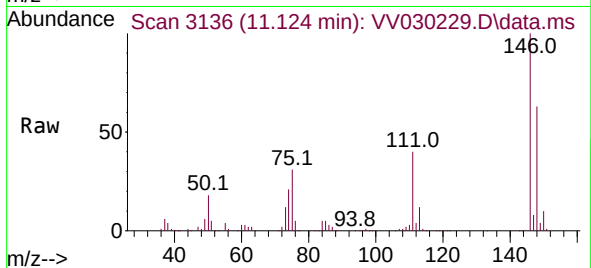
120 45.6 36.2 54.4



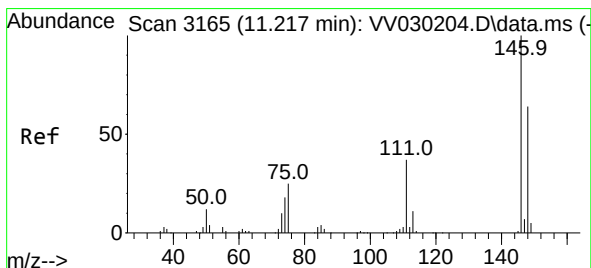
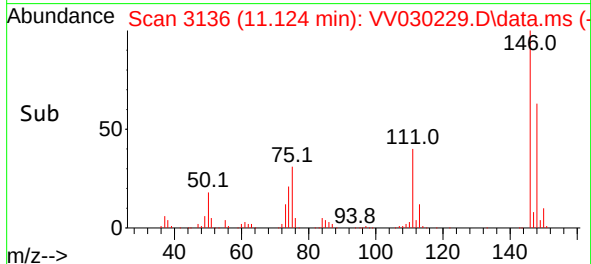
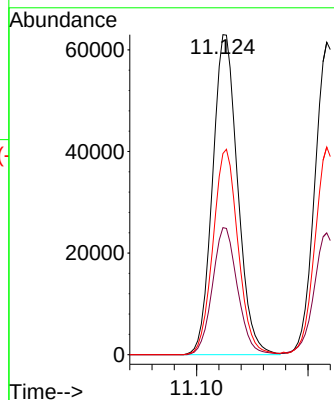


#64
1,3-Dichlorobenzene
Concen: 4.660 ug/L
RT: 11.124 min Scan# 3136
Delta R.T. -0.003 min
Lab File: VV030229.D
Acq: 17 Mar 2023 10:41

Instrument :
MSVOA_V
ClientSampleId :

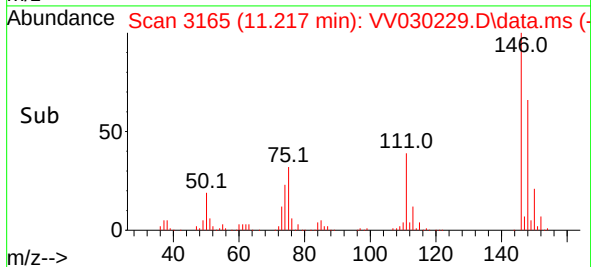
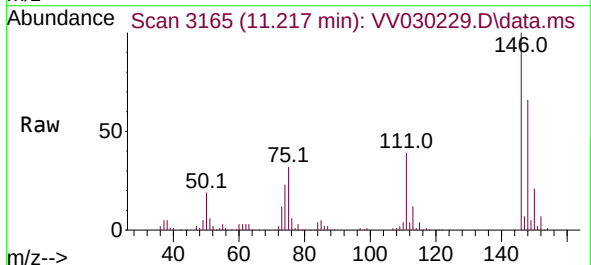
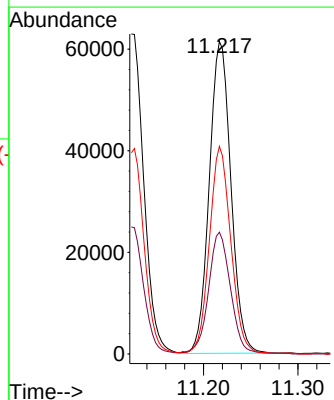


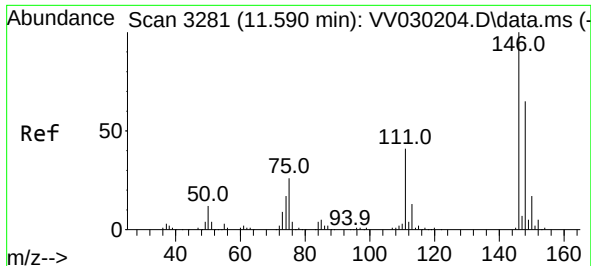
Tgt Ion:146 Resp: 98607
Ion Ratio Lower Upper
146 100
111 39.7 27.7 51.5
148 62.8 44.5 82.7



#65
1,4-Dichlorobenzene
Concen: 4.581 ug/L
RT: 11.217 min Scan# 3165
Delta R.T. 0.000 min
Lab File: VV030229.D
Acq: 17 Mar 2023 10:41

Tgt Ion:146 Resp: 97815
Ion Ratio Lower Upper
146 100
111 38.9 27.4 51.0
148 66.4 44.1 81.9





#67

1,2-Dichlorobenzene

Concen: 4.772 ug/L

RT: 11.587 min Scan# 31

Delta R.T. -0.003 min

Lab File: VV030229.D

Acq: 17 Mar 2023 10:41

Instrument :

MSVOA_V

ClientSampleId :

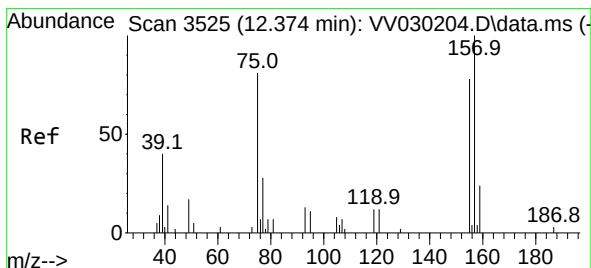
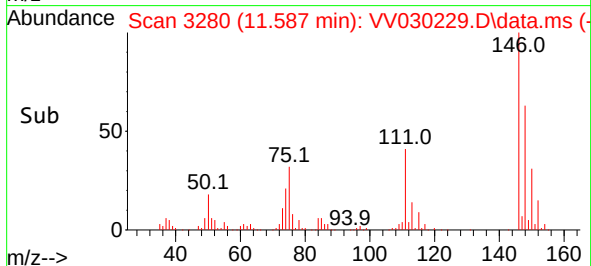
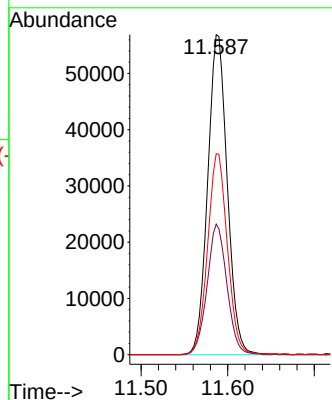
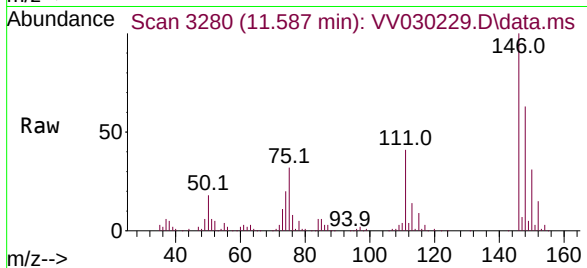
Tgt Ion:146 Resp: 89176

Ion Ratio Lower Upper

146 100

111 40.8 33.5 50.3

148 62.8 51.3 76.9



#68

1,2-Dibromo-3-chloropropane

Concen: 4.879 ug/L

RT: 12.374 min Scan# 3525

Delta R.T. 0.000 min

Lab File: VV030229.D

Acq: 17 Mar 2023 10:41

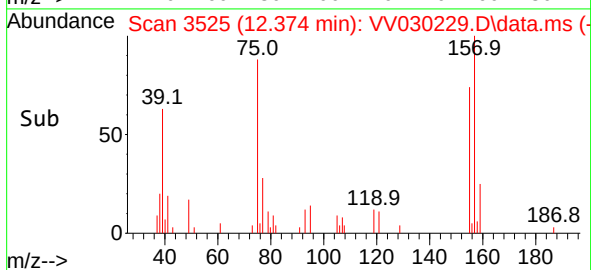
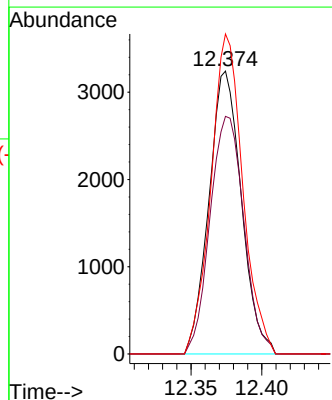
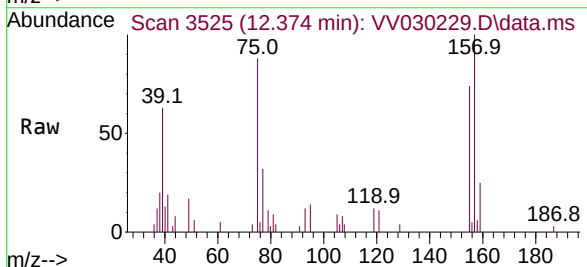
Tgt Ion: 75 Resp: 5152

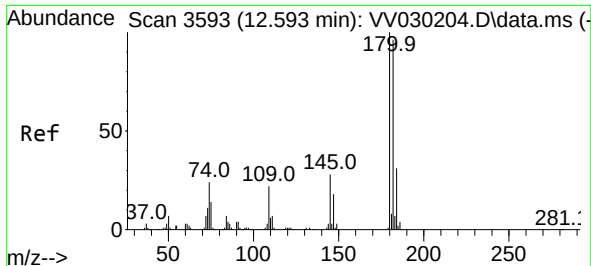
Ion Ratio Lower Upper

75 100

155 84.0 79.1 118.7

157 113.1 95.5 143.3





#69

1,3,5-Trichlorobenzene

Concen: 4.436 ug/L

RT: 12.593 min Scan# 3593

Delta R.T. 0.000 min

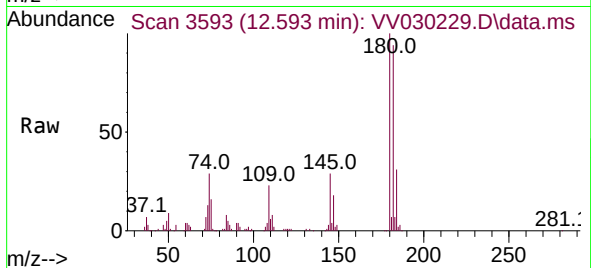
Lab File: VV030229.D

Acq: 17 Mar 2023 10:41

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion:180 Resp: 77178

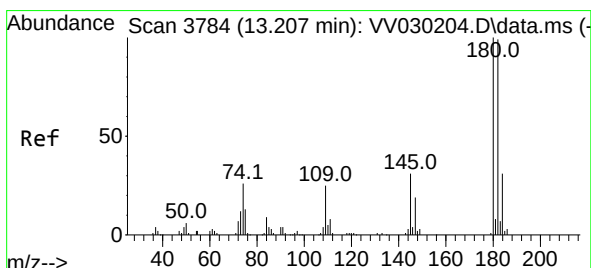
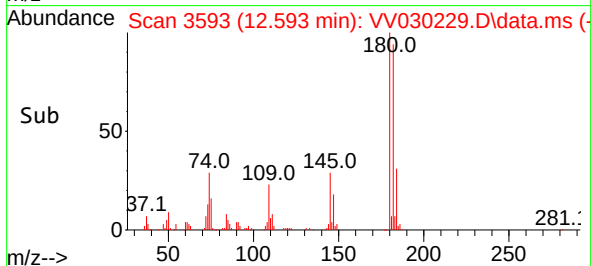
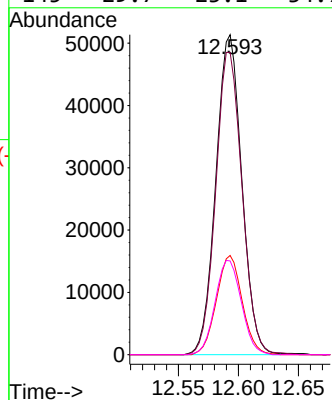
Ion Ratio Lower Upper

180 100

182 96.0 76.5 114.7

184 30.8 24.3 36.5

145 29.7 23.1 34.7



#70

1,2,4-trichlorobenzene

Concen: 4.373 ug/L

RT: 13.207 min Scan# 3784

Delta R.T. 0.000 min

Lab File: VV030229.D

Acq: 17 Mar 2023 10:41

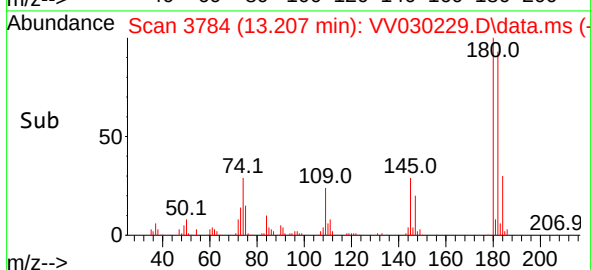
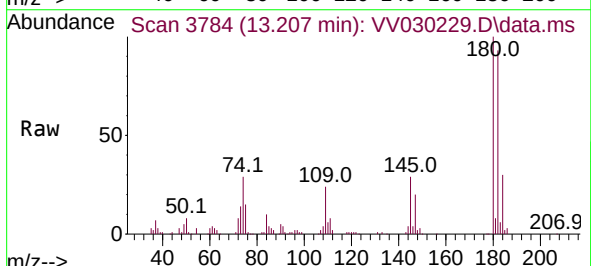
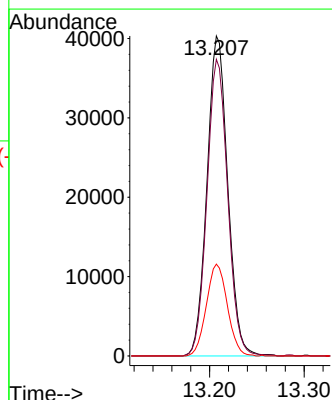
Tgt Ion:180 Resp: 61630

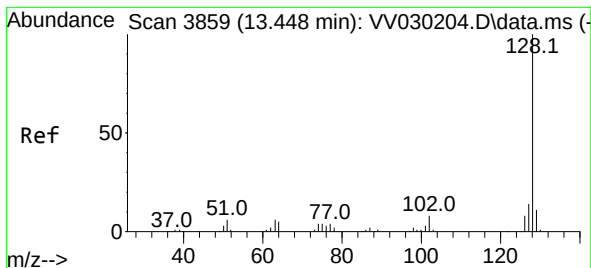
Ion Ratio Lower Upper

180 100

182 92.4 77.3 115.9

145 29.0 23.1 34.7





#71

Naphthalene

Concen: 4.548 ug/L

RT: 13.448 min Scan# 3859

Delta R.T. 0.000 min

Lab File: VV030229.D

Acq: 17 Mar 2023 10:41

Instrument :

MSVOA_V

ClientSampleId :

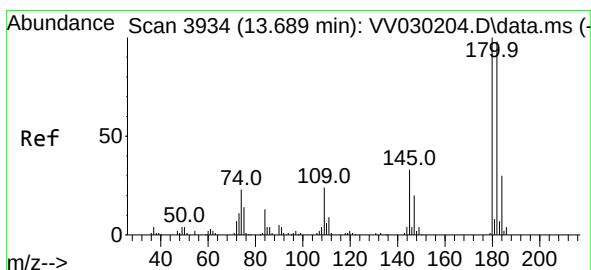
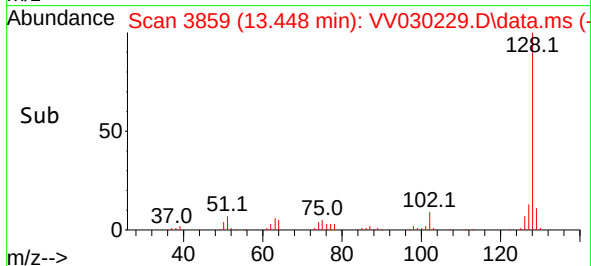
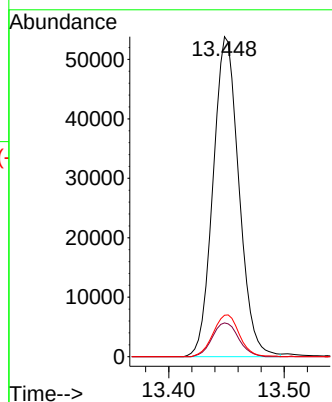
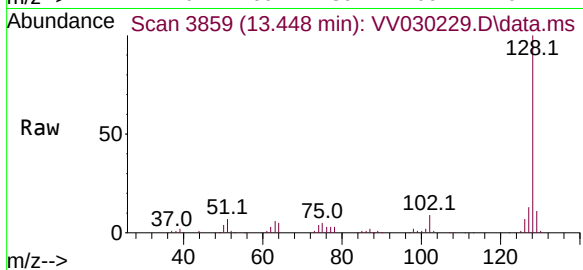
Tgt Ion:128 Resp: 83752

Ion Ratio Lower Upper

128 100

129 10.7 8.6 13.0

127 13.2 10.4 15.6



#72

1,2,3-Trichlorobenzene

Concen: 4.374 ug/L

RT: 13.689 min Scan# 3934

Delta R.T. 0.000 min

Lab File: VV030229.D

Acq: 17 Mar 2023 10:41

Tgt Ion:180 Resp: 50750

Ion Ratio Lower Upper

180 100

182 96.1 76.2 114.2

145 32.7 25.1 37.7

