

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW112122\
 Data File : VW025111.D
 Acq On : 21 Nov 2022 12:12
 Operator : SY/VA
 Sample : VSTDICV025
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VICV472

Quant Time: Nov 22 03:19:41 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM112122SMA.M
 Quant Title : SFAM01.0
 QLast Update : Tue Nov 22 03:12:58 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	468157	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.628	117	416209	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	192746	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.355	65	136806	23.781	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	95.120%
7) Chloroethane-d5	2.892	69	89731	23.864	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	95.440%
11) 1,1-Dichloroethene-d2	4.026	63	305601	24.681	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	98.720%
21) 2-Butanone-d5	7.080	46	62012	51.876	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	103.760%
24) Chloroform-d	7.647	84	293271	24.275	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	97.080%
26) 1,2-Dichloroethane-d4	8.305	65	146922	24.624	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	98.480%
32) Benzene-d6	8.275	84	604960	24.110	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	96.440%
36) 1,2-Dichloropropane-d6	9.275	67	173664	23.934	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	95.720%
41) Toluene-d8	10.323	98	546739	23.996	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	96.000%
43) trans-1,3-Dichloroprop...	10.579	79	73345	25.052	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	100.200%
47) 2-Hexanone-d5	10.921	63	49923	54.168	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	108.340%
56) 1,1,2,2-Tetrachloroeth...	12.689	84	121383	25.183	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	100.720%
66) 1,2-Dichlorobenzene-d4	13.847	152	165551	25.195	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	100.800%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.008	85	41202	29.523	ug/L	94
3) Chloromethane	2.221	50	143893	27.827	ug/L	97
5) Vinyl chloride	2.367	62	186831	26.668	ug/L	100
6) Bromomethane	2.788	94	88977	26.127	ug/L	99
8) Chloroethane	2.928	64	88248	27.338	ug/L	99
9) Trichlorofluoromethane	3.263	101	143057	27.066	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.068	101	169790	26.824	ug/L	98
12) 1,1-Dichloroethene	4.044	96	163737	26.498	ug/L	94
13) Acetone	4.123	43	66953	52.272	ug/L	99
14) Carbon disulfide	4.385	76	552242	26.652	ug/L	98
15) Methyl Acetate	4.666	43	60630	29.020	ug/L	98
16) Methylene chloride	4.916	84	176909	21.275	ug/L	98
17) trans-1,2-Dichloroethene	5.428	96	177604	27.056	ug/L	97
18) Methyl tert-butyl Ether	5.428	73	241606	27.770	ug/L	100
19) 1,1-Dichloroethane	6.220	63	313648	27.117	ug/L	98
20) cis-1,2-Dichloroethene	7.171	96	183135	26.936	ug/L	95
22) 2-Butanone	7.165	43	84922	52.630	ug/L	99
23) Bromochloromethane	7.513	128	76077	27.592	ug/L	97
25) Chloroform	7.677	83	315792	27.281	ug/L	100

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 Response via : Initial Calibration

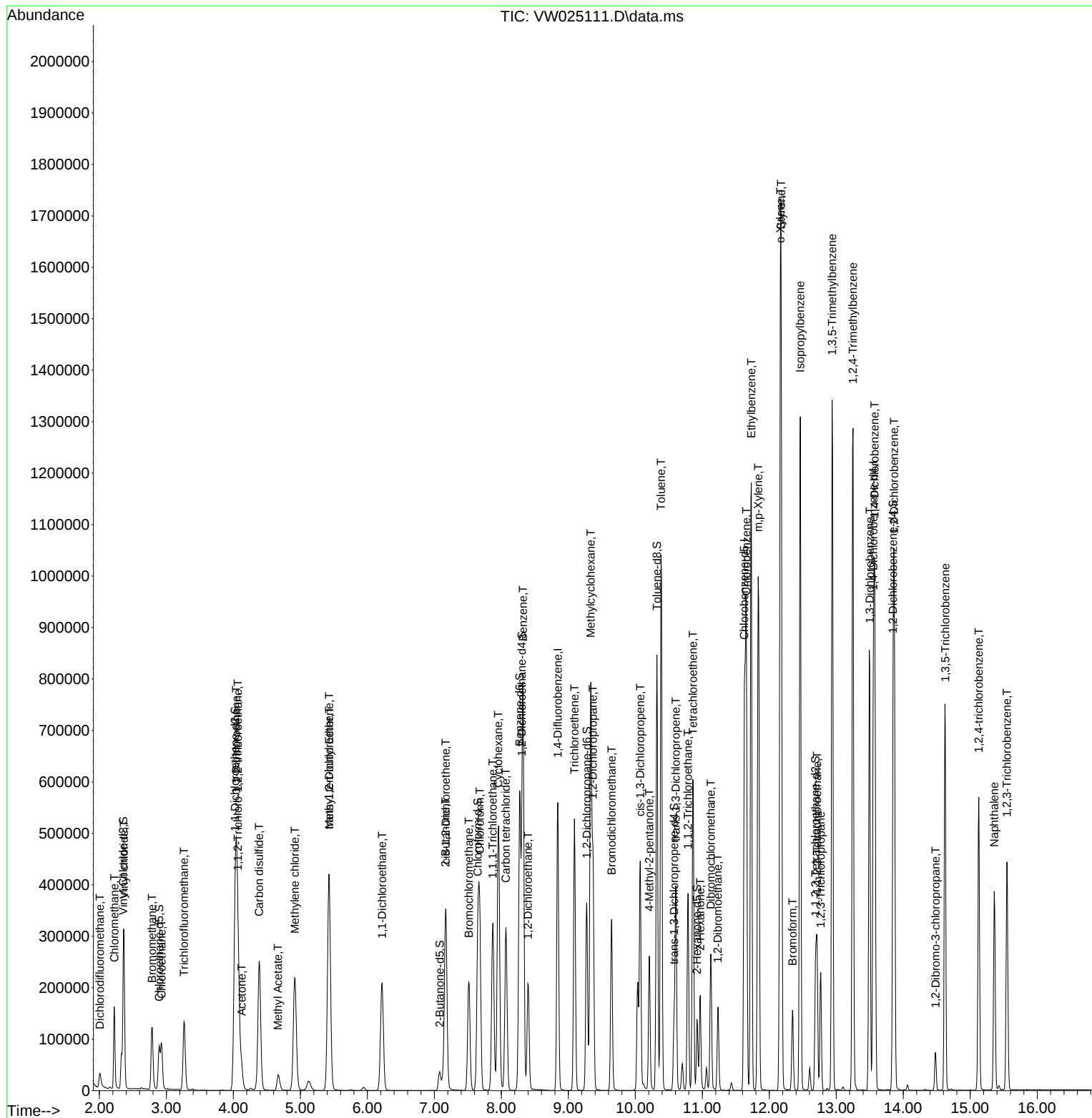
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.397	62	193019	27.623	ug/L	100
29) Cyclohexane	7.952	56	306933	26.792	ug/L	100
30) 1,1,1-Trichloroethane	7.872	97	265787	26.260	ug/L	99
31) Carbon tetrachloride	8.068	117	238599	25.977	ug/L	99
33) Benzene	8.324	78	720142	26.818	ug/L	100
34) Trichloroethene	9.092	95	183824	26.119	ug/L	94
35) Methylcyclohexane	9.336	83	332001	26.076	ug/L	98
37) 1,2-Dichloropropane	9.366	63	171949	26.615	ug/L	99
38) Bromodichloromethane	9.646	83	224172	27.163	ug/L	98
39) cis-1,3-Dichloropropene	10.073	75	267513	27.628	ug/L	98
40) 4-Methyl-2-pentanone	10.207	43	167528	58.696	ug/L	99
42) Toluene	10.384	91	753348	26.607	ug/L	99
44) trans-1,3-Dichloropropene	10.604	75	222201	28.095	ug/L	99
45) 1,1,2-Trichloroethane	10.787	97	119628	27.664	ug/L	96
46) Tetrachloroethene	10.860	164	130115	24.855	ug/L	92
48) 2-Hexanone	10.969	43	116145	56.330	ug/L	99
49) Dibromochloromethane	11.128	129	139852	27.069	ug/L	90
50) 1,2-Dibromoethane	11.232	107	112108	27.923	ug/L #	93
51) Chlorobenzene	11.658	112	478615	27.251	ug/L	96
52) Ethylbenzene	11.731	91	856701	26.887	ug/L	96
53) m,p-Xylene	11.835	106	326512	26.709	ug/L	92
54) o-Xylene	12.164	106	312822	27.402	ug/L	98
55) Styrene	12.177	104	531339	27.768	ug/L	96
57) 1,1,2,2-Tetrachloroethane	12.713	83	133470	27.957	ug/L	94
59) Bromoform	12.347	173	68955	27.913	ug/L	98
60) Isopropylbenzene	12.463	105	850698	27.277	ug/L	99
61) 1,2,3-Trichloropropane	12.768	75	95803	27.785	ug/L	99
62) 1,3,5-Trimethylbenzene	12.939	105	731180	27.435	ug/L	100
63) 1,2,4-Trimethylbenzene	13.249	105	722838	28.126	ug/L	98
64) 1,3-Dichlorobenzene	13.499	146	343080	27.187	ug/L	95
65) 1,4-Dichlorobenzene	13.573	146	342507	27.385	ug/L	98
67) 1,2-Dichlorobenzene	13.865	146	297589	27.238	ug/L	95
68) 1,2-Dibromo-3-chloropr...	14.481	75	19782	28.570	ug/L	92
69) 1,3,5-Trichlorobenzene	14.627	180	215072	26.483	ug/L	98
70) 1,2,4-trichlorobenzene	15.127	180	166639	27.697	ug/L	99
71) Naphthalene	15.359	128	332588	30.153	ug/L	99
72) 1,2,3-Trichlorobenzene	15.548	180	141014	28.104	ug/L	99

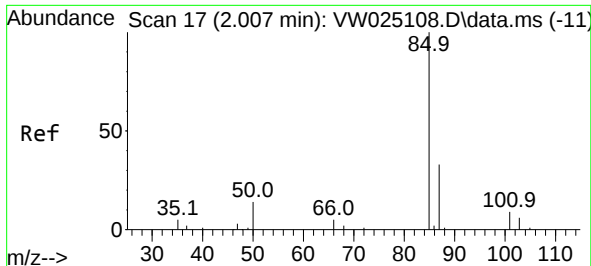
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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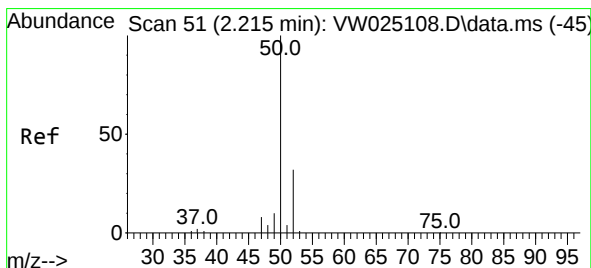
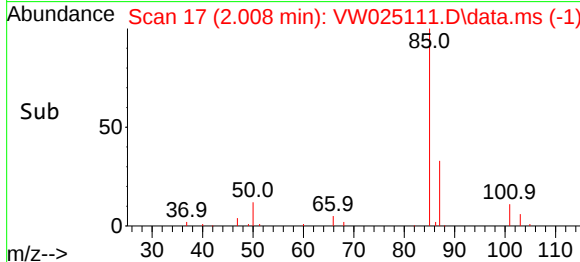
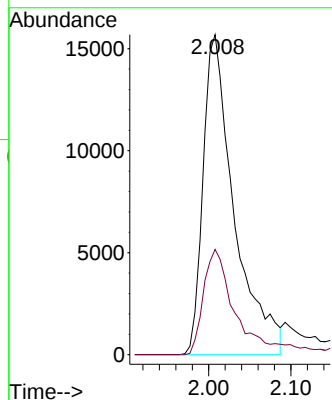
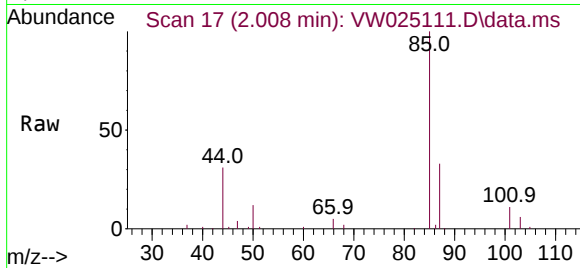




#2
Dichlorodifluoromethane
Concen: 29.523 ug/L
RT: 2.008 min Scan# 11
Delta R.T. 0.000 min
Lab File: VW025111.D
Acq: 21 Nov 2022 12:12

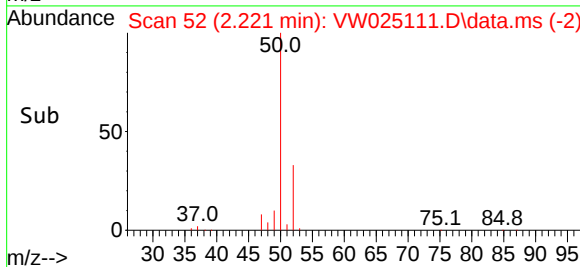
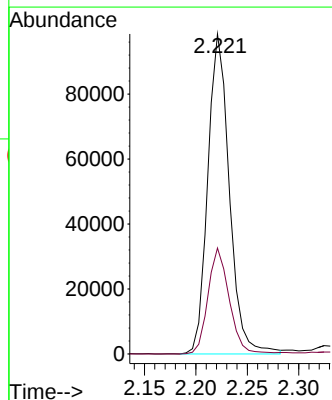
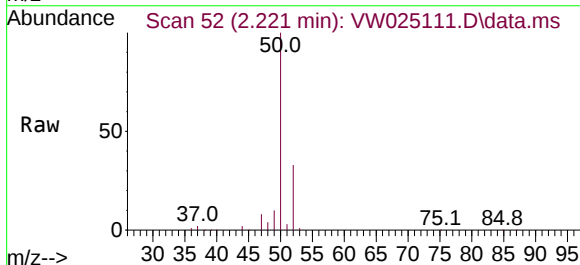
Instrument :
MSVOA_W
ClientSampleId :
VICV472

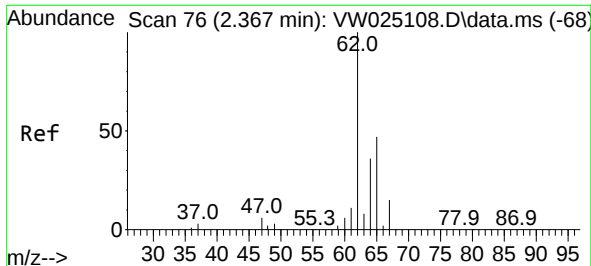
Tgt Ion: 85 Resp: 41202
Ion Ratio Lower Upper
85 100
87 28.1 25.0 37.6



#3
Chloromethane
Concen: 27.827 ug/L
RT: 2.221 min Scan# 52
Delta R.T. 0.006 min
Lab File: VW025111.D
Acq: 21 Nov 2022 12:12

Tgt Ion: 50 Resp: 143893
Ion Ratio Lower Upper
50 100
52 33.1 22.1 41.1

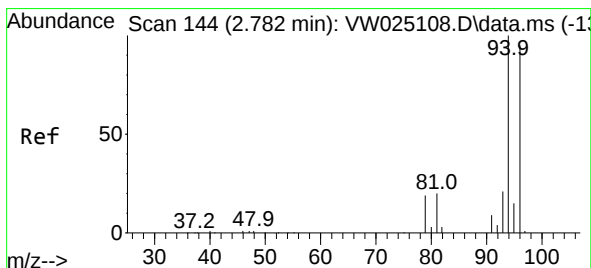
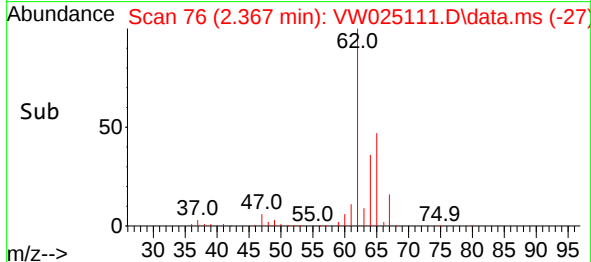
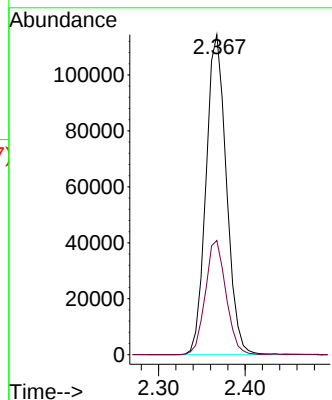
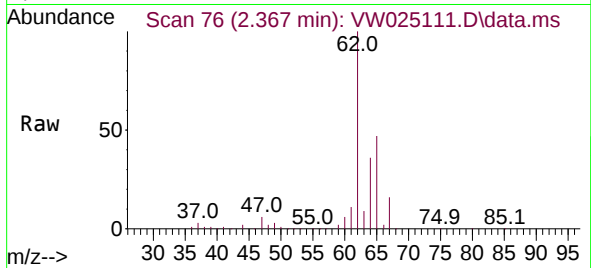




#5
 Vinyl chloride
 Concen: 26.668 ug/L
 RT: 2.367 min Scan# 76
 Delta R.T. 0.000 min
 Lab File: VW025111.D
 Acq: 21 Nov 2022 12:12

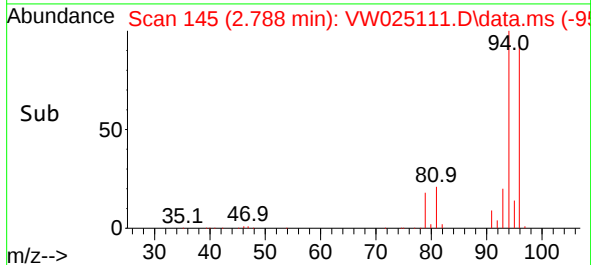
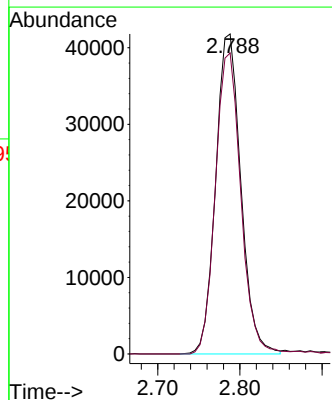
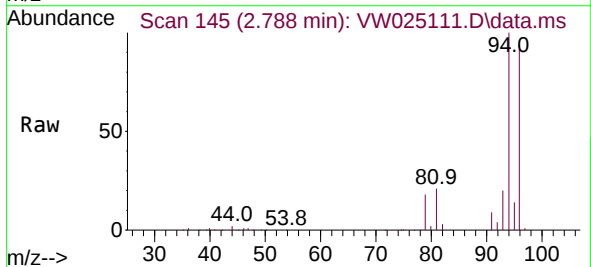
Instrument :
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 ClientSampleId :
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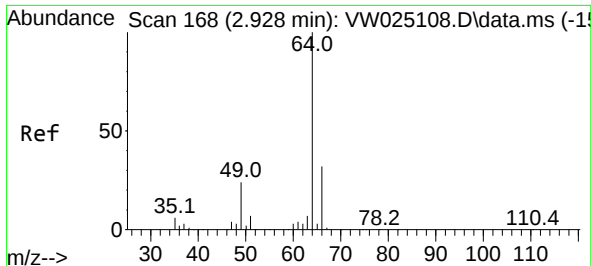
Tgt Ion: 62 Resp: 186831
 Ion Ratio Lower Upper
 62 100
 64 35.7 24.8 46.1



#6
 Bromomethane
 Concen: 26.127 ug/L
 RT: 2.788 min Scan# 145
 Delta R.T. 0.006 min
 Lab File: VW025111.D
 Acq: 21 Nov 2022 12:12

Tgt Ion: 94 Resp: 88977
 Ion Ratio Lower Upper
 94 100
 96 94.0 66.7 123.9

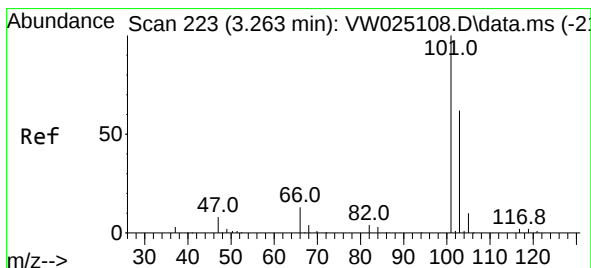
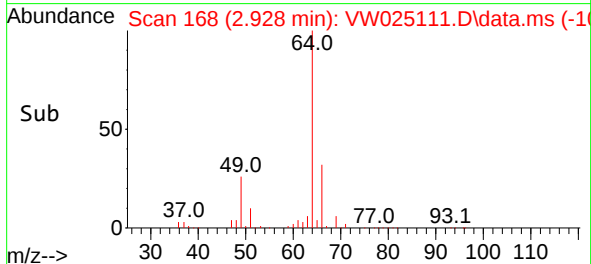
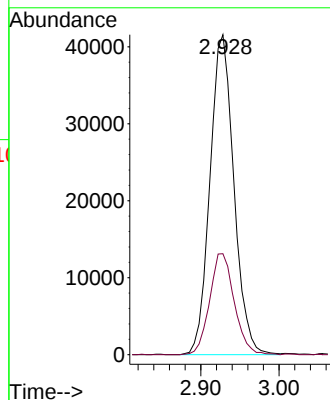
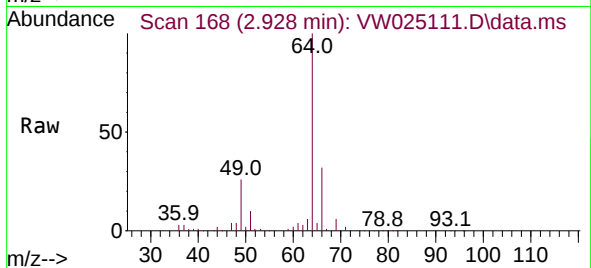




#8
Chloroethane
Concen: 27.338 ug/L
RT: 2.928 min Scan# 168
Delta R.T. 0.000 min
Lab File: VW025111.D
Acq: 21 Nov 2022 12:12

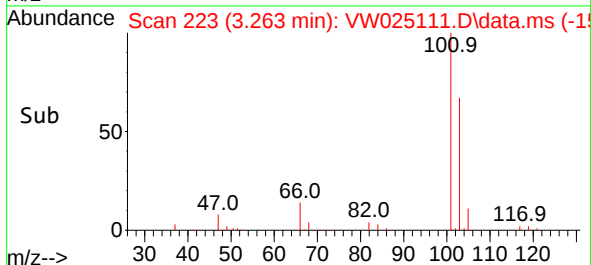
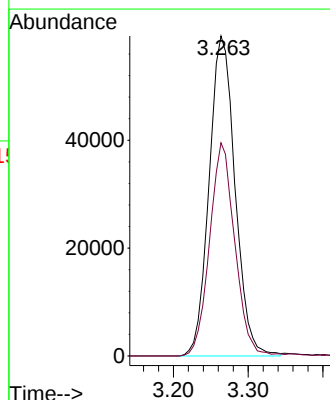
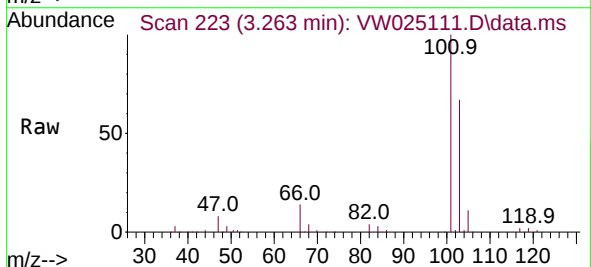
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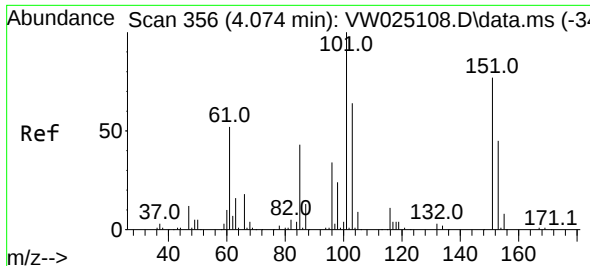
Tgt Ion: 64 Resp: 88248
Ion Ratio Lower Upper
64 100
66 31.6 22.7 42.1



#9
Trichlorofluoromethane
Concen: 27.066 ug/L
RT: 3.263 min Scan# 223
Delta R.T. 0.000 min
Lab File: VW025111.D
Acq: 21 Nov 2022 12:12

Tgt Ion:101 Resp: 143057
Ion Ratio Lower Upper
101 100
103 64.5 50.9 76.3

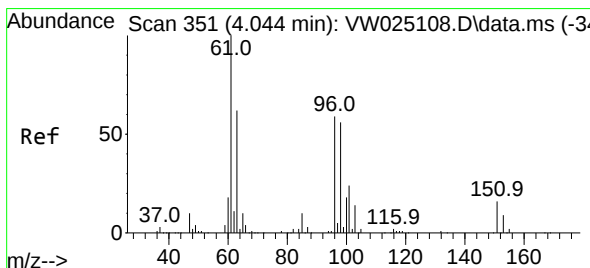
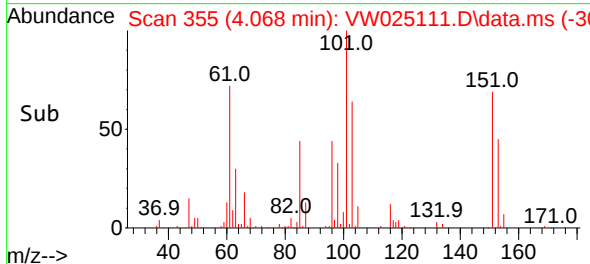
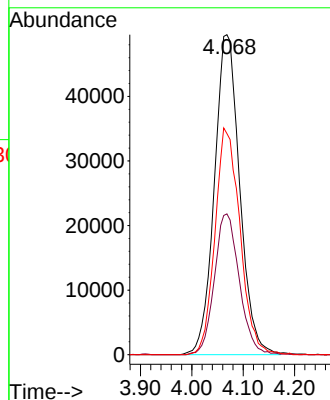
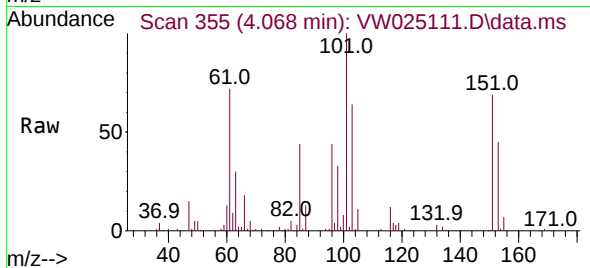




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 26.824 ug/L
 RT: 4.068 min Scan# 356
 Delta R.T. -0.006 min
 Lab File: VW025111.D
 Acq: 21 Nov 2022 12:12

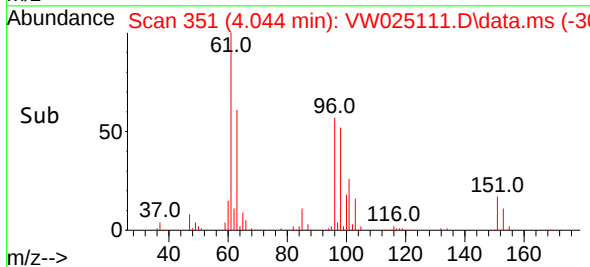
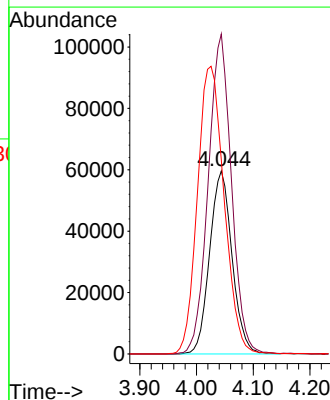
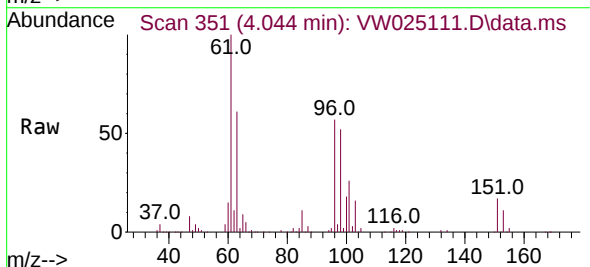
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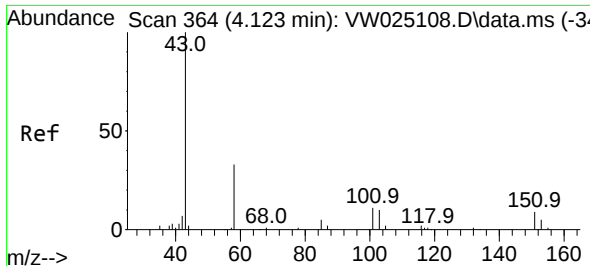
Tgt Ion:101 Resp: 169790
 Ion Ratio Lower Upper
 101 100
 85 43.1 34.6 52.0
 151 69.9 57.7 86.5



#12
 1,1-Dichloroethene
 Concen: 26.498 ug/L
 RT: 4.044 min Scan# 351
 Delta R.T. 0.000 min
 Lab File: VW025111.D
 Acq: 21 Nov 2022 12:12

Tgt Ion: 96 Resp: 163737
 Ion Ratio Lower Upper
 96 100
 61 174.8 120.8 224.4
 63 105.9 84.1 156.1





#13

Acetone

Concen: 52.272 ug/L

RT: 4.123 min Scan# 364

Delta R.T. 0.000 min

Lab File: VW025111.D

Acq: 21 Nov 2022 12:12

Instrument :

MSVOA_W

ClientSampleId :

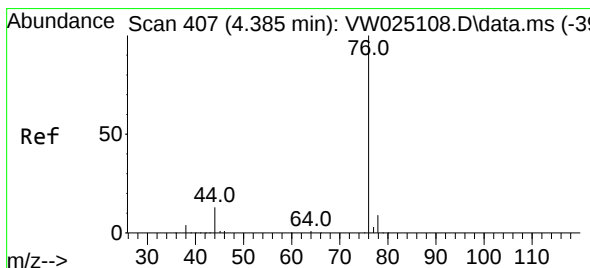
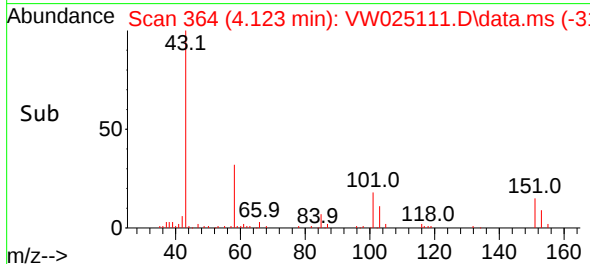
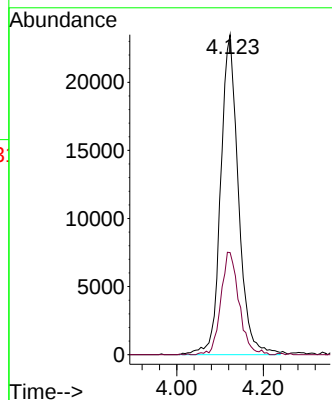
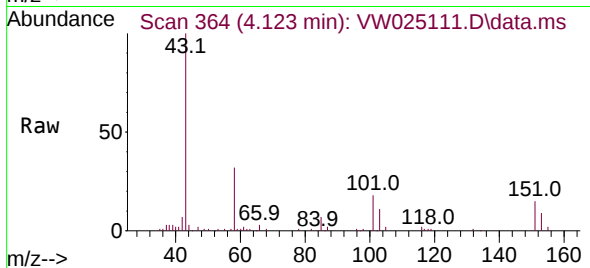
VICV472

Tgt Ion: 43 Resp: 66953

Ion Ratio Lower Upper

43 100

58 31.9 0.0 65.2



#14

Carbon disulfide

Concen: 26.652 ug/L

RT: 4.385 min Scan# 407

Delta R.T. 0.000 min

Lab File: VW025111.D

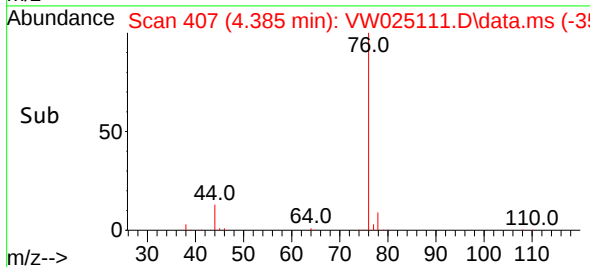
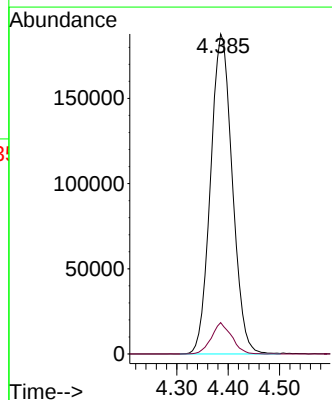
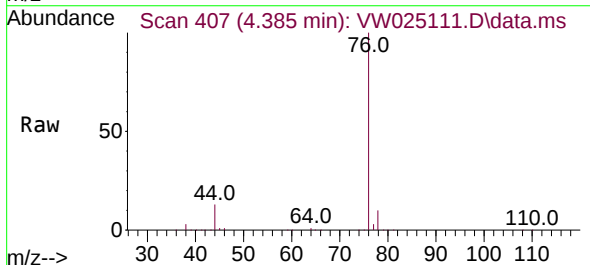
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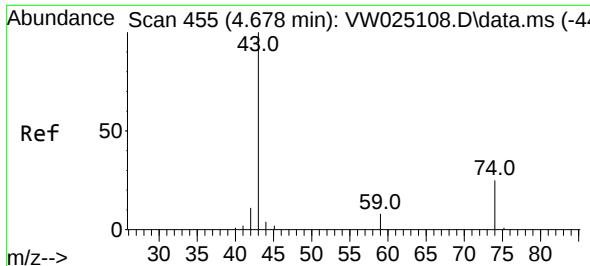
Tgt Ion: 76 Resp: 552242

Ion Ratio Lower Upper

76 100

78 9.8 7.3 10.9

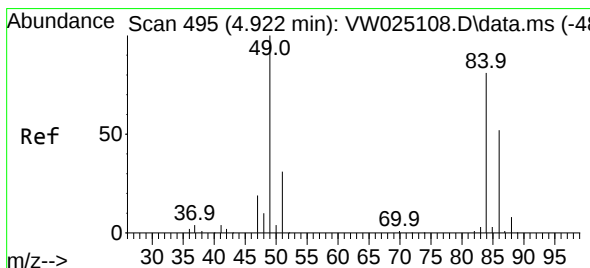
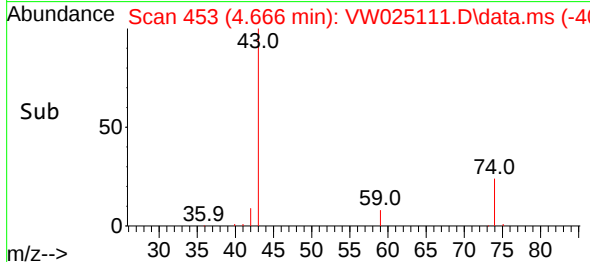
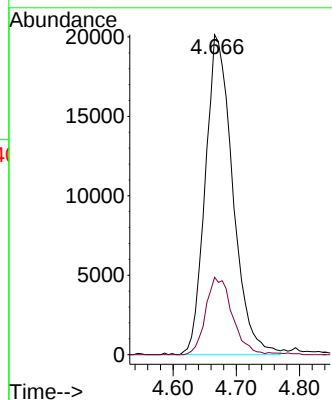
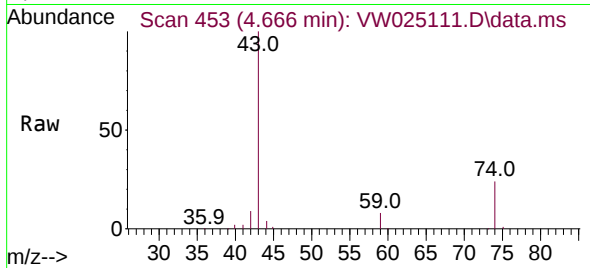




#15
Methyl Acetate
Concen: 29.020 ug/L
RT: 4.666 min Scan# 411
Delta R.T. -0.012 min
Lab File: VW025111.D
Acq: 21 Nov 2022 12:12

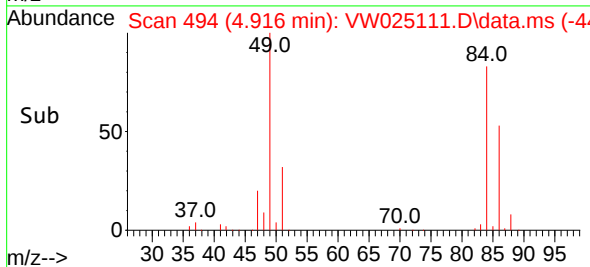
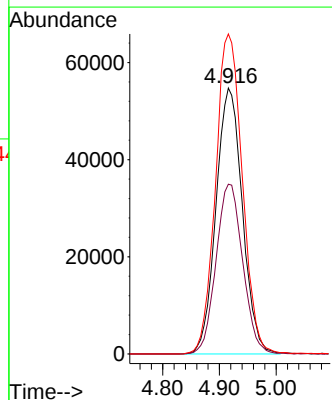
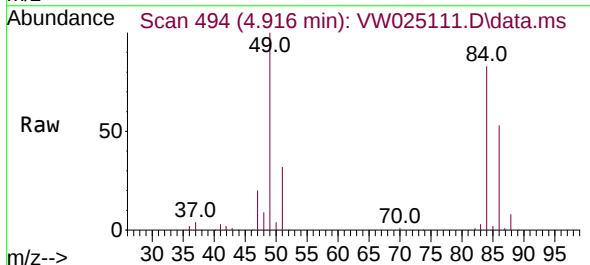
Instrument :
MSVOA_W
ClientSampleId :
VICV472

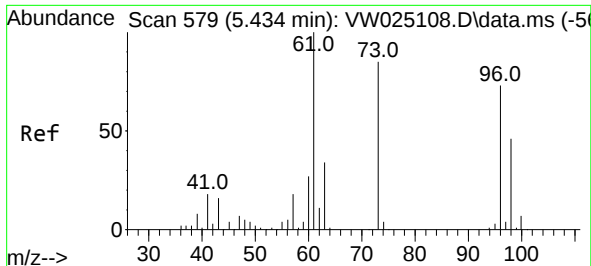
Tgt Ion: 43 Resp: 60630
Ion Ratio Lower Upper
43 100
74 23.4 19.5 29.3



#16
Methylene chloride
Concen: 21.275 ug/L
RT: 4.916 min Scan# 494
Delta R.T. -0.006 min
Lab File: VW025111.D
Acq: 21 Nov 2022 12:12

Tgt Ion: 84 Resp: 176909
Ion Ratio Lower Upper
84 100
86 63.8 45.0 83.6
49 120.3 86.3 160.3





#17

trans-1,2-Dichloroethene

Concen: 27.056 ug/L

RT: 5.428 min Scan# 579

Delta R.T. -0.006 min

Lab File: VW025111.D

Acq: 21 Nov 2022 12:12

Instrument :

MSVOA_W

ClientSampleId :

VICV472

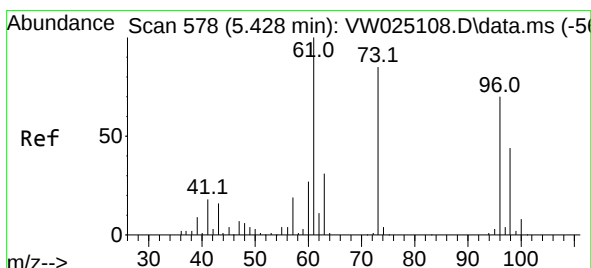
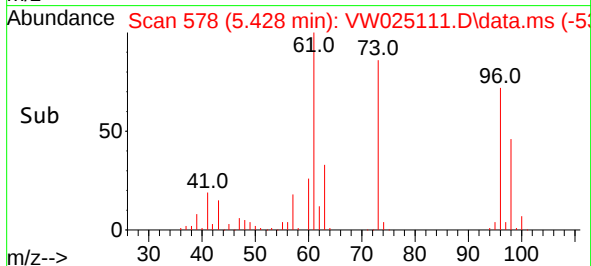
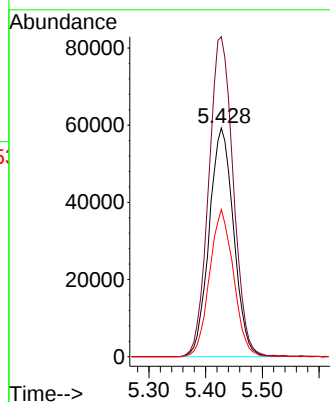
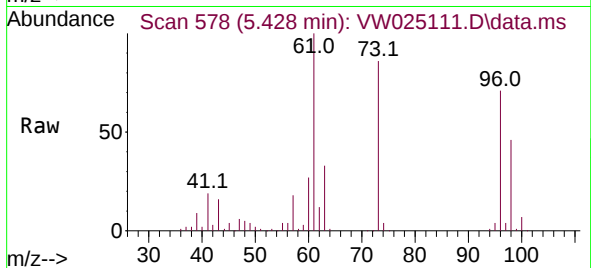
Tgt Ion: 96 Resp: 177604

Ion Ratio Lower Upper

96 100

61 140.0 95.5 177.3

98 64.4 44.0 81.8



#18

Methyl tert-butyl Ether

Concen: 27.770 ug/L

RT: 5.428 min Scan# 578

Delta R.T. 0.000 min

Lab File: VW025111.D

Acq: 21 Nov 2022 12:12

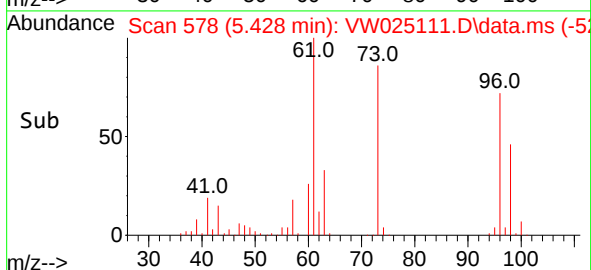
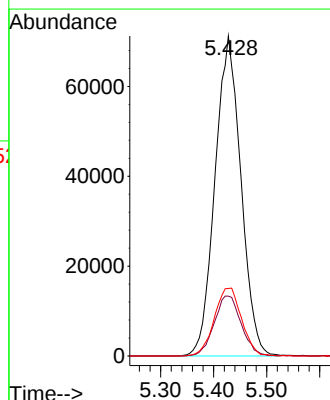
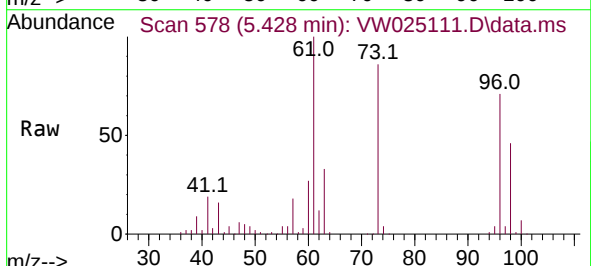
Tgt Ion: 73 Resp: 241606

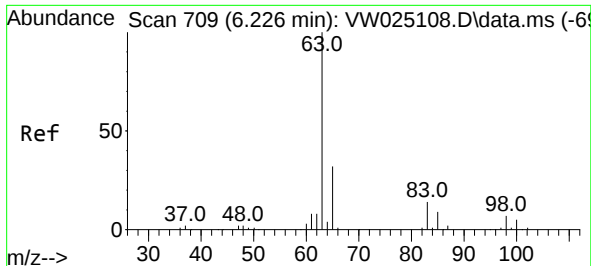
Ion Ratio Lower Upper

73 100

43 19.5 15.6 23.4

57 22.2 17.5 26.3





#19

1,1-Dichloroethane

Concen: 27.117 ug/L

RT: 6.220 min Scan# 709

Delta R.T. -0.006 min

Lab File: VW025111.D

Acq: 21 Nov 2022 12:12

Instrument :

MSVOA_W

ClientSampleId :

VICV472

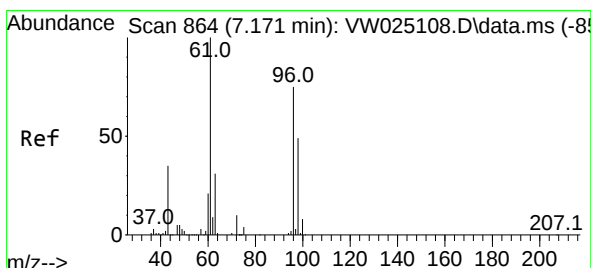
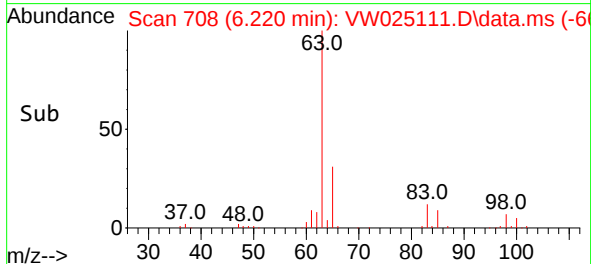
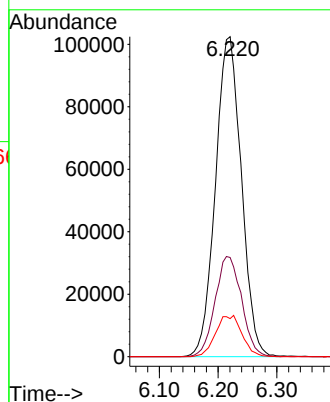
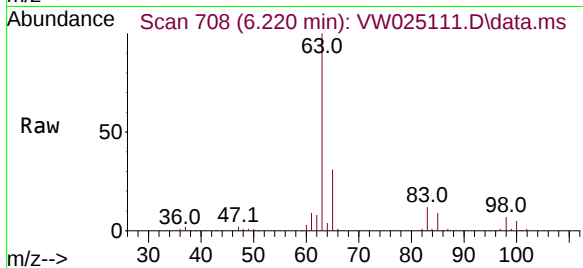
Tgt Ion: 63 Resp: 313648

Ion Ratio Lower Upper

63 100

65 31.0 22.2 41.2

83 11.9 9.4 17.6



#20

cis-1,2-Dichloroethene

Concen: 26.936 ug/L

RT: 7.171 min Scan# 864

Delta R.T. 0.000 min

Lab File: VW025111.D

Acq: 21 Nov 2022 12:12

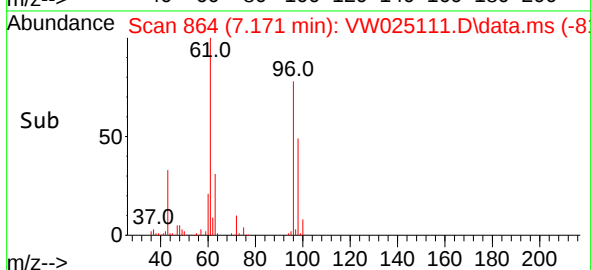
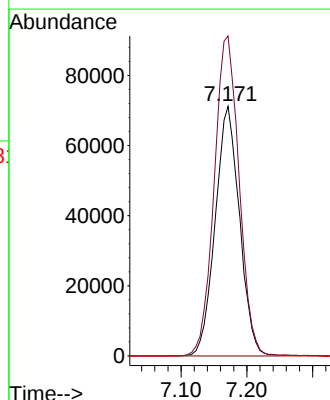
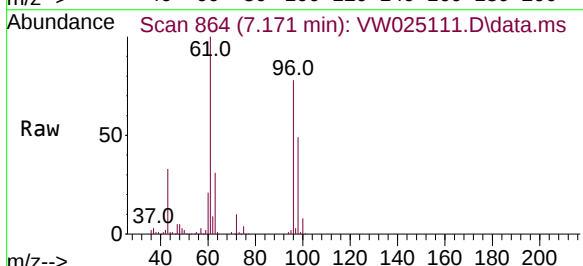
Tgt Ion: 96 Resp: 183135

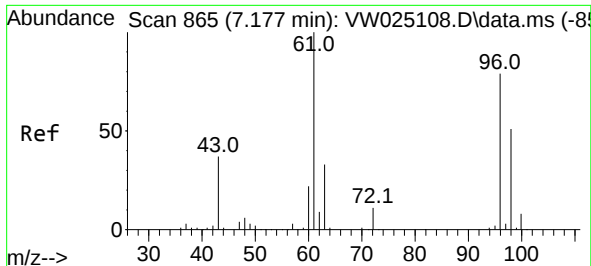
Ion Ratio Lower Upper

96 100

61 128.2 93.7 173.9

68 0.0 0.0 0.0

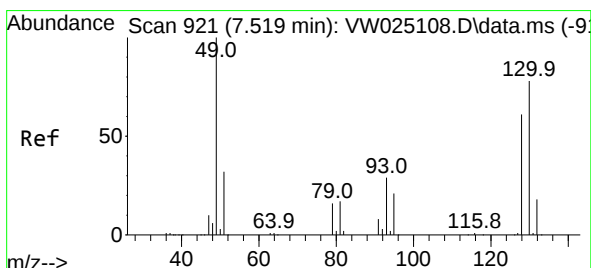
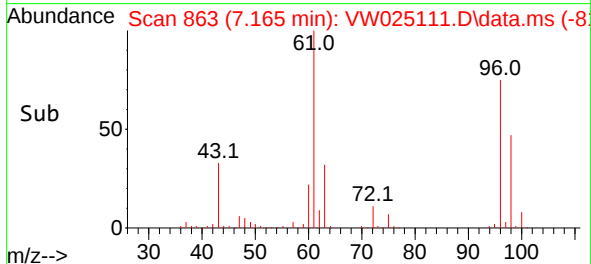
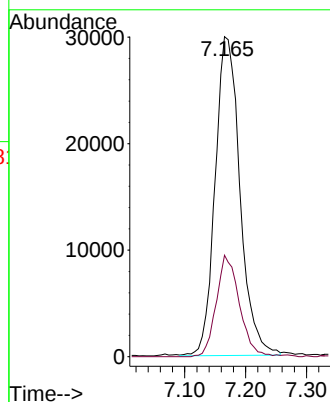
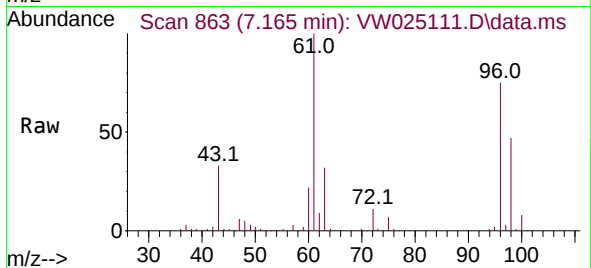




#22
2-Butanone
Concen: 52.630 ug/L
RT: 7.165 min Scan# 863
Delta R.T. -0.012 min
Lab File: VW025111.D
Acq: 21 Nov 2022 12:12

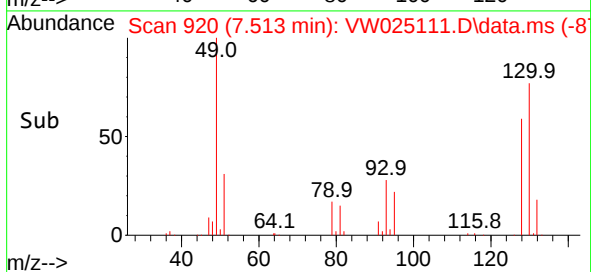
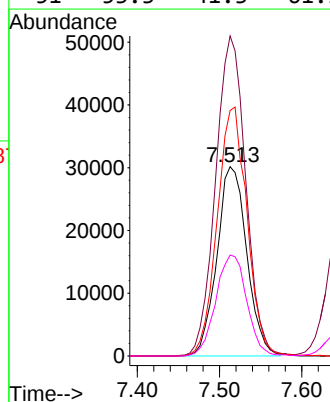
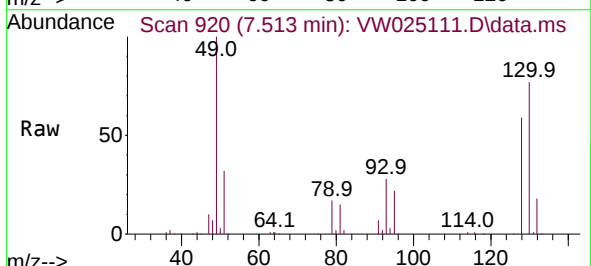
Instrument :
MSVOA_W
ClientSampleId :
VICV472

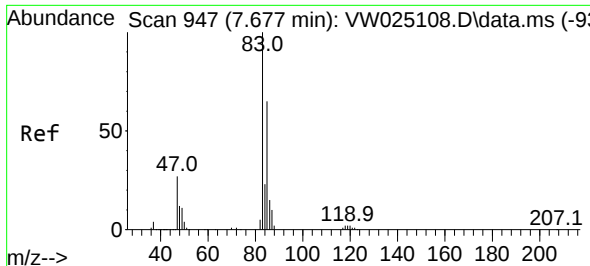
Tgt Ion: 43 Resp: 84922
Ion Ratio Lower Upper
43 100
72 29.4 15.0 45.0



#23
Bromochloromethane
Concen: 27.592 ug/L
RT: 7.513 min Scan# 920
Delta R.T. -0.006 min
Lab File: VW025111.D
Acq: 21 Nov 2022 12:12

Tgt Ion: 128 Resp: 76077
Ion Ratio Lower Upper
128 100
49 169.0 114.1 211.9
130 129.7 89.0 165.2
51 53.3 41.3 61.9

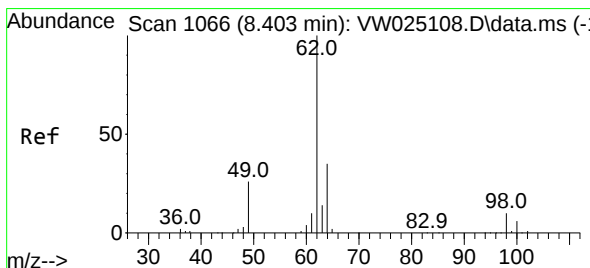
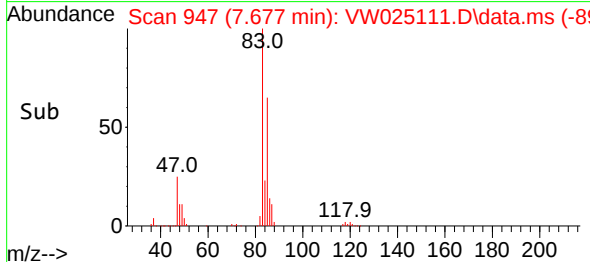
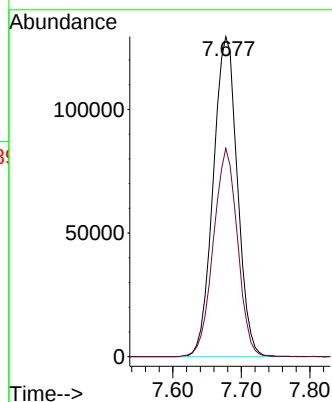
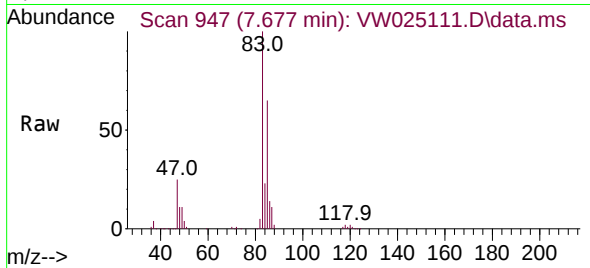




#25
Chloroform
Concen: 27.281 ug/L
RT: 7.677 min Scan# 947
Delta R.T. 0.000 min
Lab File: VW025111.D
Acq: 21 Nov 2022 12:12

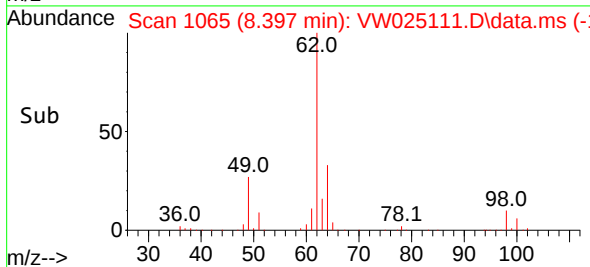
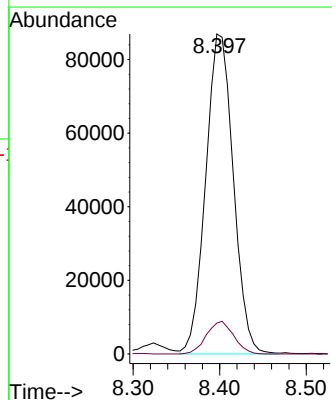
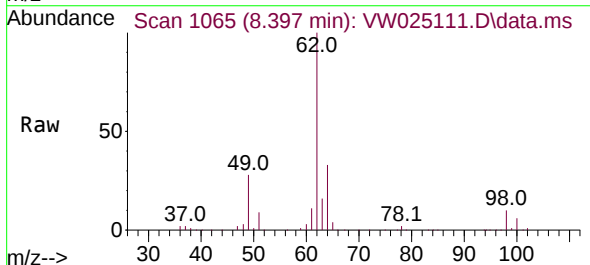
Instrument :
MSVOA_W
ClientSampleId :
VICV472

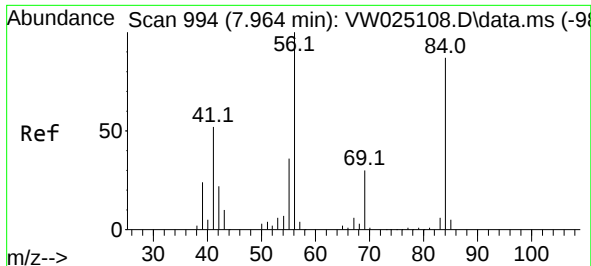
Tgt Ion: 83 Resp: 315792
Ion Ratio Lower Upper
83 100
85 65.1 45.4 84.2



#27
1,2-Dichloroethane
Concen: 27.623 ug/L
RT: 8.397 min Scan# 1065
Delta R.T. -0.006 min
Lab File: VW025111.D
Acq: 21 Nov 2022 12:12

Tgt Ion: 62 Resp: 193019
Ion Ratio Lower Upper
62 100
98 9.7 7.8 11.8

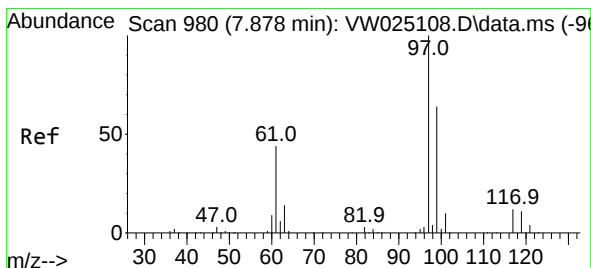
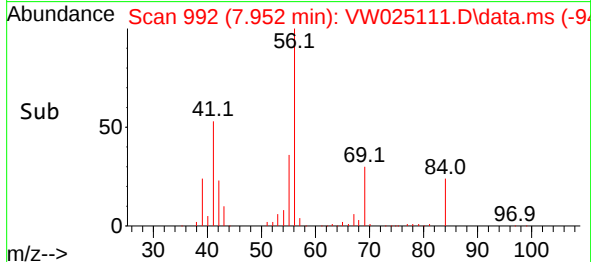
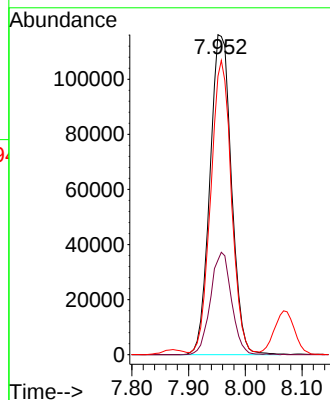
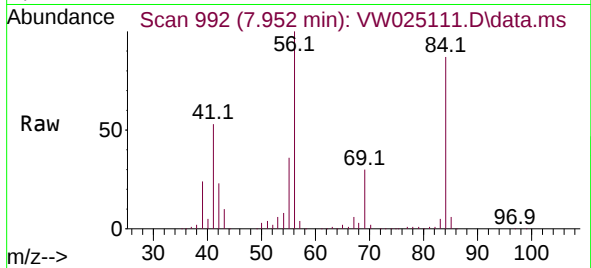




#29
Cyclohexane
Concen: 26.792 ug/L
RT: 7.952 min Scan# 992
Delta R.T. -0.012 min
Lab File: VW025111.D
Acq: 21 Nov 2022 12:12

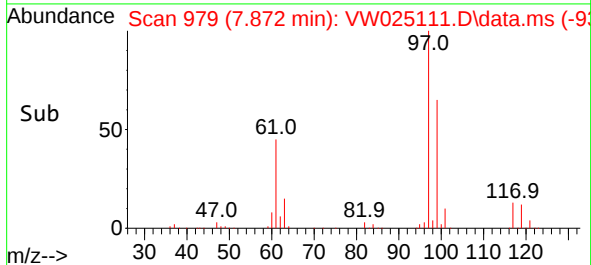
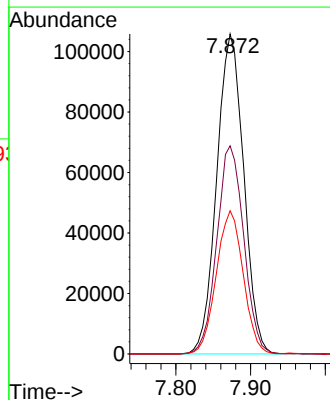
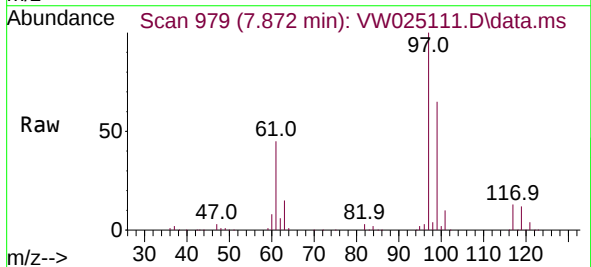
Instrument :
MSVOA_W
ClientSampleId :
VICV472

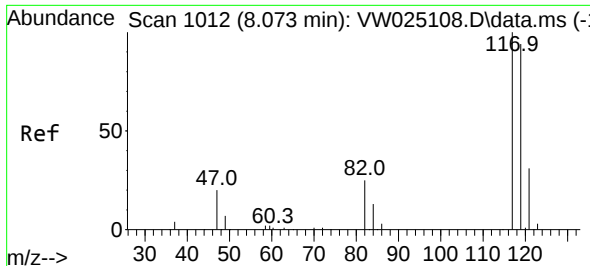
Tgt Ion: 56 Resp: 306933
Ion Ratio Lower Upper
56 100
69 31.0 25.0 37.6
84 88.4 70.9 106.3



#30
1,1,1-Trichloroethane
Concen: 26.260 ug/L
RT: 7.872 min Scan# 979
Delta R.T. -0.006 min
Lab File: VW025111.D
Acq: 21 Nov 2022 12:12

Tgt Ion: 97 Resp: 265787
Ion Ratio Lower Upper
97 100
99 64.8 50.9 76.3
61 44.7 35.5 53.3

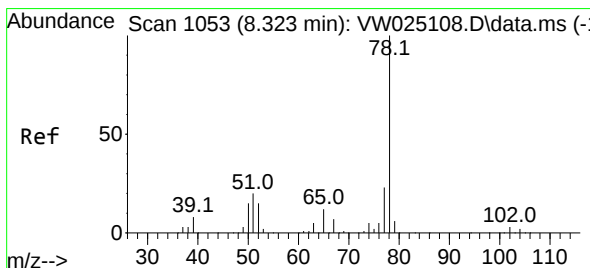
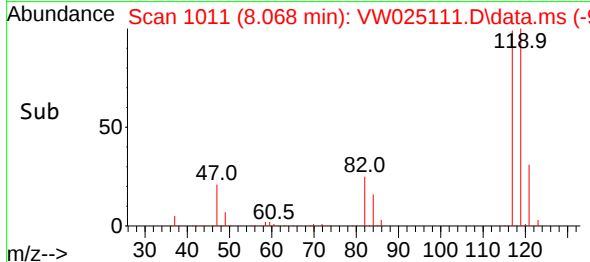
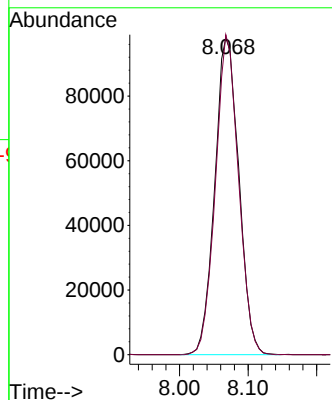
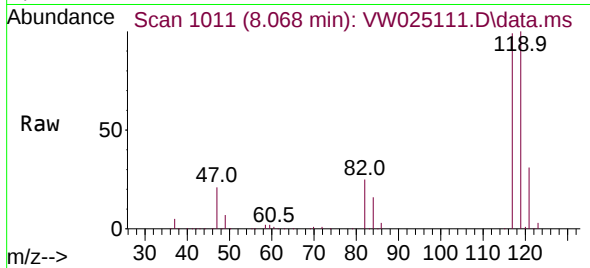




#31
Carbon tetrachloride
Concen: 25.977 ug/L
RT: 8.068 min Scan# 1012
Delta R.T. -0.006 min
Lab File: VW025111.D
Acq: 21 Nov 2022 12:12

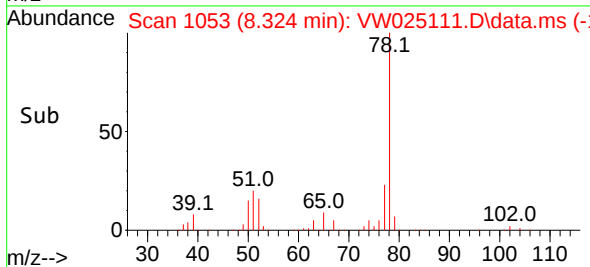
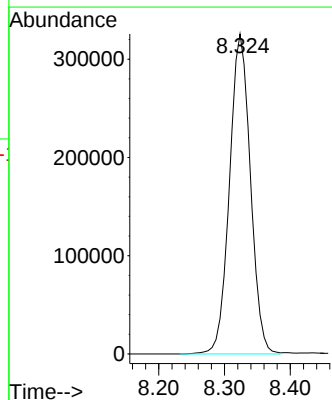
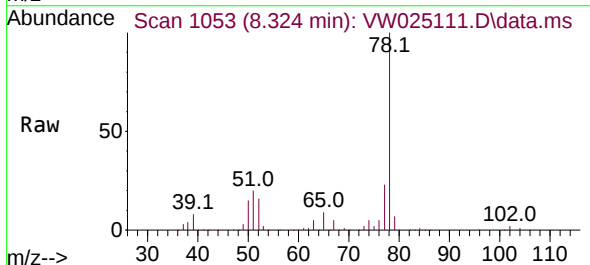
Instrument :
MSVOA_W
ClientSampleId :
VICV472

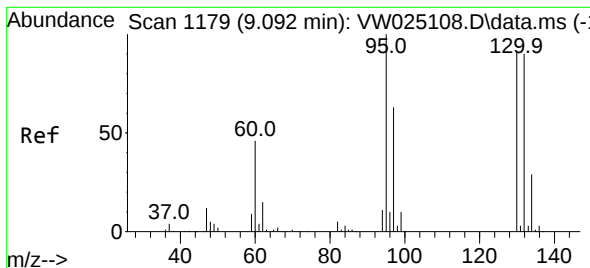
Tgt Ion:117 Resp: 238599
Ion Ratio Lower Upper
117 100
119 96.8 77.0 115.4



#33
Benzene
Concen: 26.818 ug/L
RT: 8.324 min Scan# 1053
Delta R.T. 0.000 min
Lab File: VW025111.D
Acq: 21 Nov 2022 12:12

Tgt Ion: 78 Resp: 720142





#34

Trichloroethene

Concen: 26.119 ug/L

RT: 9.092 min Scan# 1179

Delta R.T. 0.000 min

Lab File: VW025111.D

Acq: 21 Nov 2022 12:12

Instrument :

MSVOA_W

ClientSampleId :

VICV472

Tgt Ion: 95 Resp: 183824

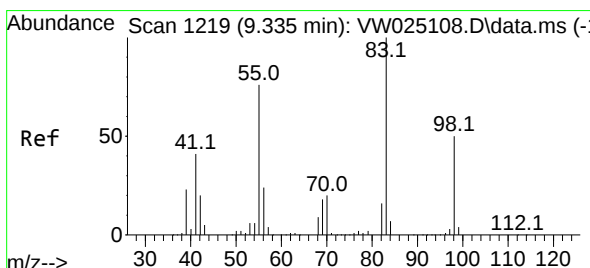
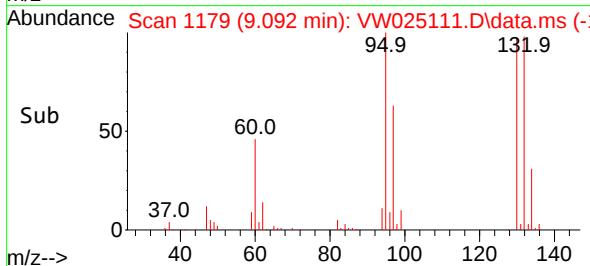
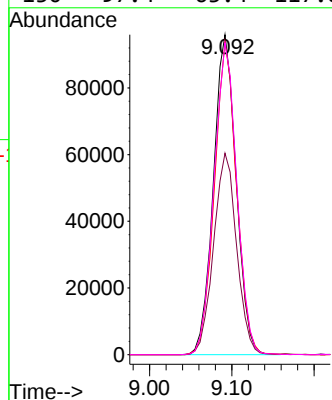
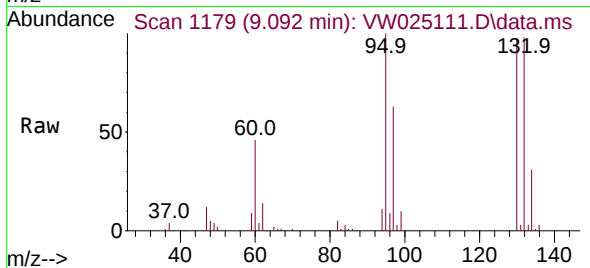
Ion Ratio Lower Upper

95 100

97 63.0 44.3 82.3

132 97.7 63.0 117.0

130 97.4 63.4 117.8



#35

Methylcyclohexane

Concen: 26.076 ug/L

RT: 9.336 min Scan# 1219

Delta R.T. 0.000 min

Lab File: VW025111.D

Acq: 21 Nov 2022 12:12

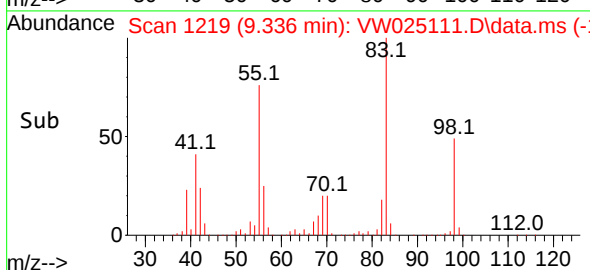
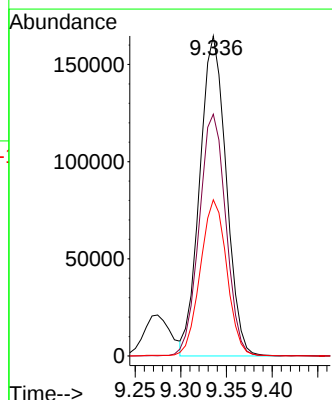
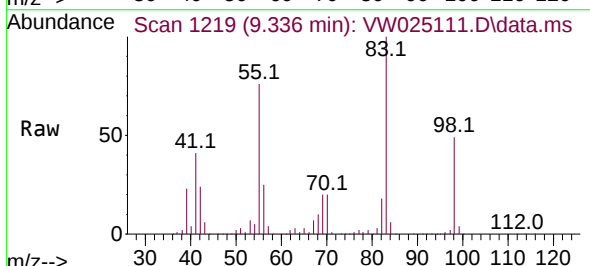
Tgt Ion: 83 Resp: 332001

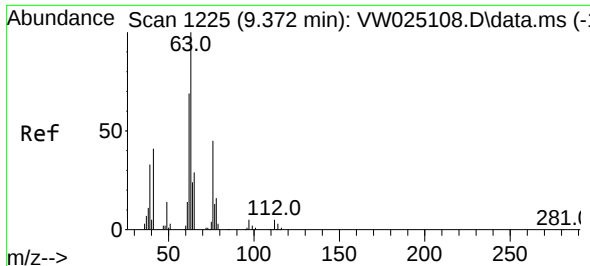
Ion Ratio Lower Upper

83 100

55 76.1 59.3 88.9

98 48.9 38.6 57.8





#37

1,2-Dichloropropane

Concen: 26.615 ug/L

RT: 9.366 min Scan# 1224

Delta R.T. -0.006 min

Lab File: VW025111.D

Acq: 21 Nov 2022 12:12

Instrument :

MSVOA_W

ClientSampleId :

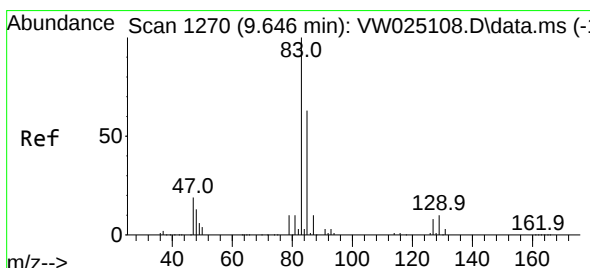
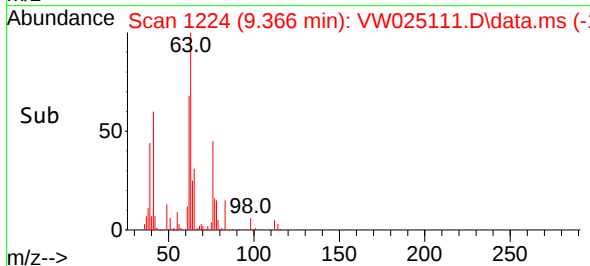
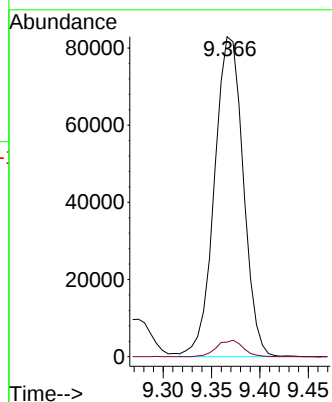
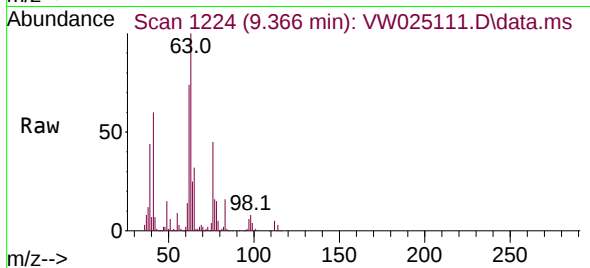
VICV472

Tgt Ion: 63 Resp: 171949

Ion Ratio Lower Upper

63 100

112 4.8 3.4 5.2



#38

Bromodichloromethane

Concen: 27.163 ug/L

RT: 9.646 min Scan# 1270

Delta R.T. 0.000 min

Lab File: VW025111.D

Acq: 21 Nov 2022 12:12

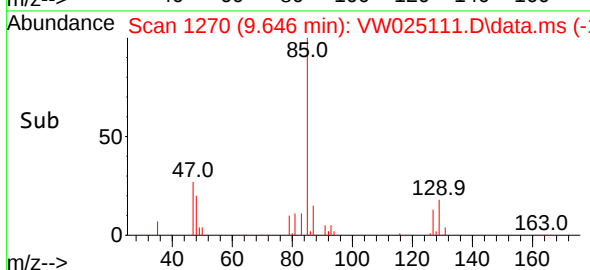
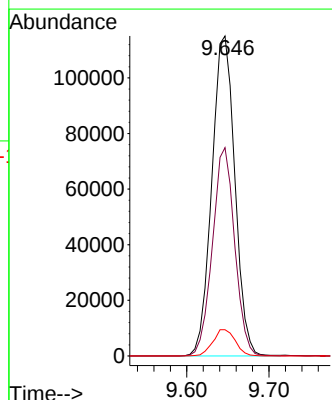
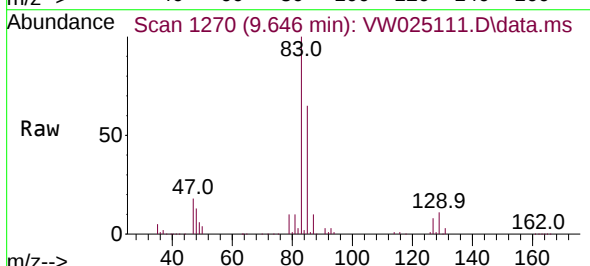
Tgt Ion: 83 Resp: 224172

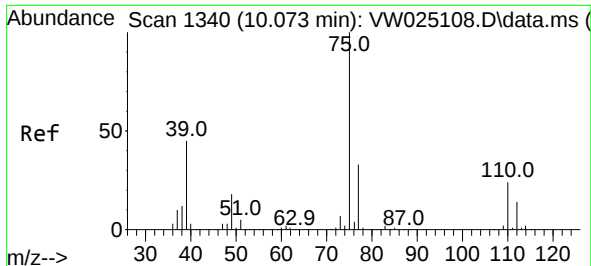
Ion Ratio Lower Upper

83 100

85 65.1 44.2 82.2

127 8.2 6.6 10.0





#39

cis-1,3-Dichloropropene

Concen: 27.628 ug/L

RT: 10.073 min Scan# 11

Delta R.T. 0.000 min

Lab File: VW025111.D

Acq: 21 Nov 2022 12:12

Instrument :

MSVOA_W

ClientSampleId :

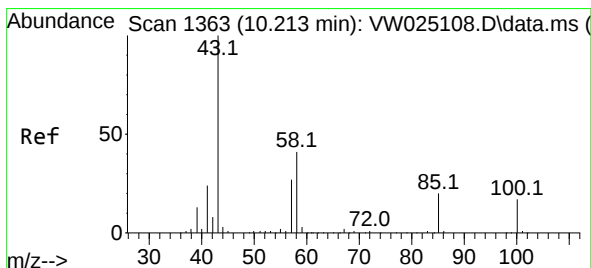
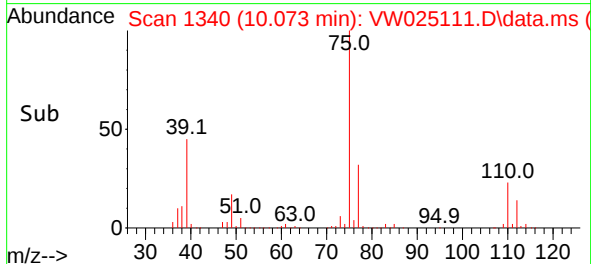
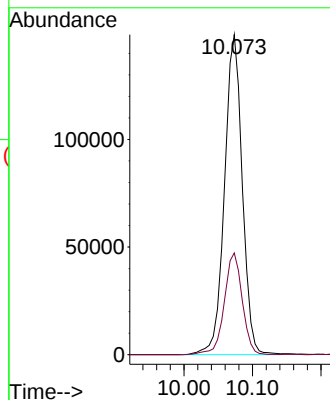
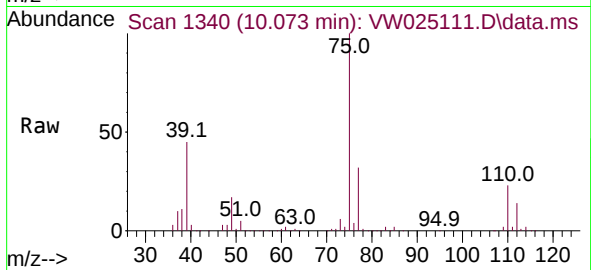
VICV472

Tgt Ion: 75 Resp: 267513

Ion Ratio Lower Upper

75 100

77 31.8 23.2 43.0



#40

4-Methyl-2-pentanone

Concen: 58.696 ug/L

RT: 10.207 min Scan# 1362

Delta R.T. -0.006 min

Lab File: VW025111.D

Acq: 21 Nov 2022 12:12

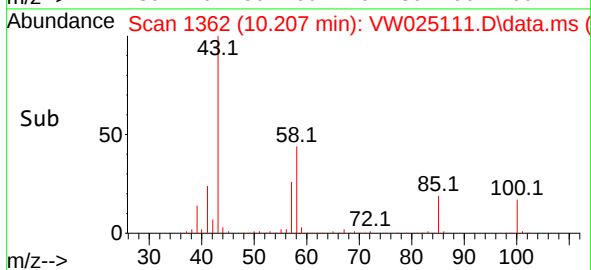
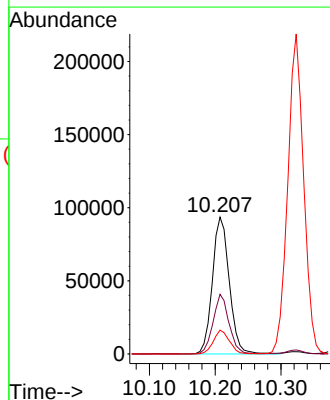
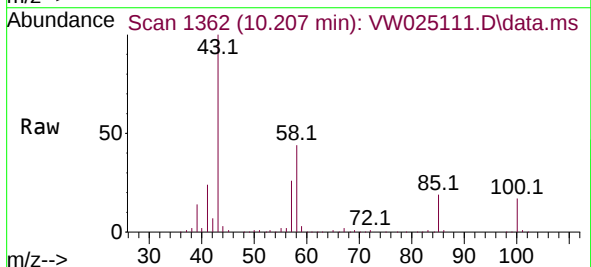
Tgt Ion: 43 Resp: 167528

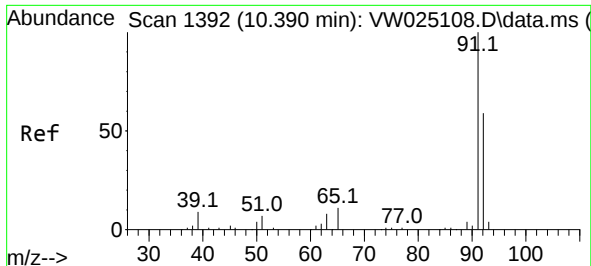
Ion Ratio Lower Upper

43 100

58 41.1 33.3 49.9

100 16.5 13.8 20.6

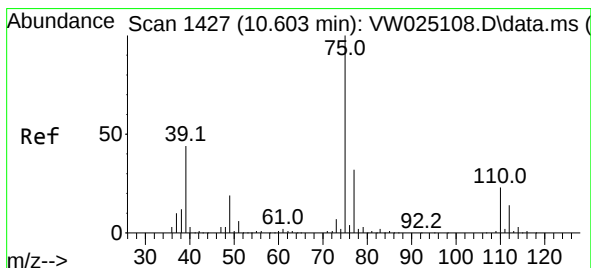
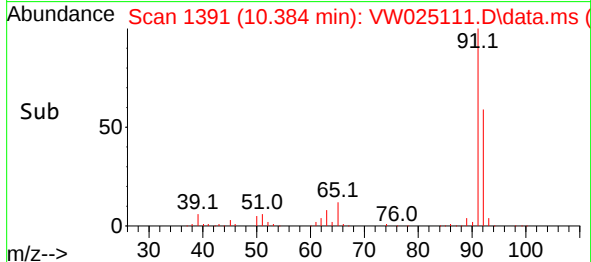
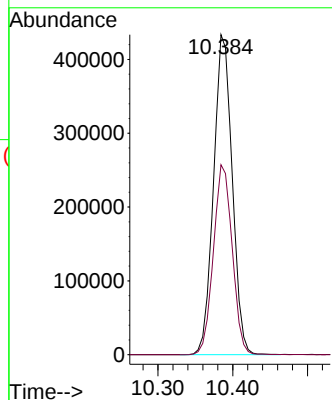
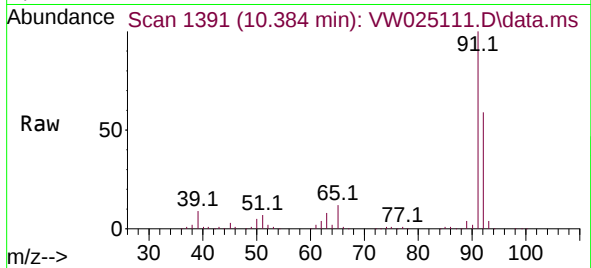




#42
Toluene
Concen: 26.607 ug/L
RT: 10.384 min Scan# 1391
Delta R.T. -0.006 min
Lab File: VW025111.D
Acq: 21 Nov 2022 12:12

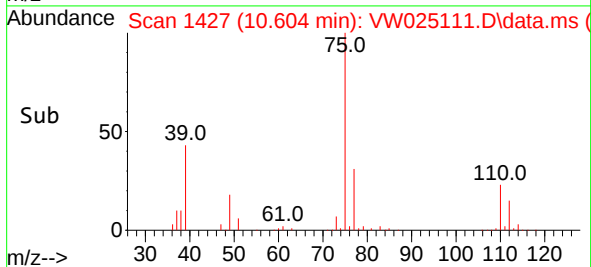
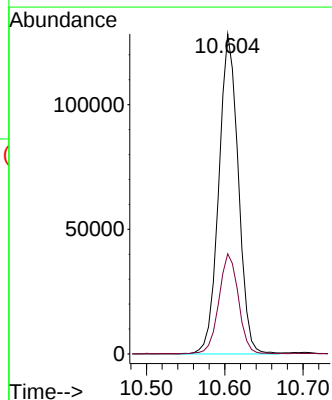
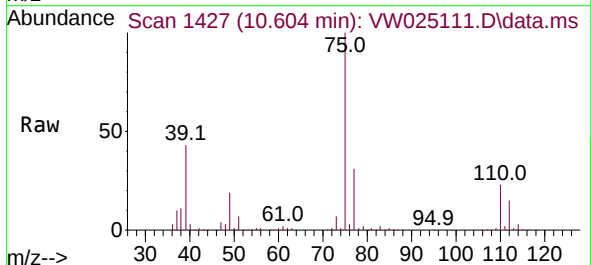
Instrument :
MSVOA_W
ClientSampleId :
VICV472

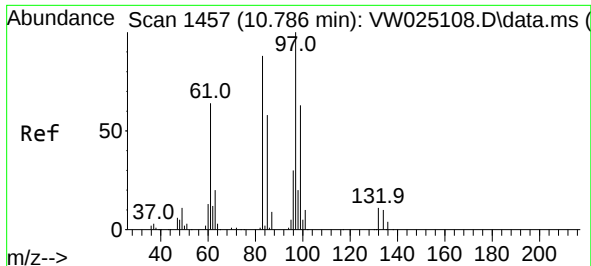
Tgt Ion: 91 Resp: 753348
Ion Ratio Lower Upper
91 100
92 59.4 41.2 76.4



#44
trans-1,3-Dichloropropene
Concen: 28.095 ug/L
RT: 10.604 min Scan# 1427
Delta R.T. 0.000 min
Lab File: VW025111.D
Acq: 21 Nov 2022 12:12

Tgt Ion: 75 Resp: 222201
Ion Ratio Lower Upper
75 100
77 31.3 22.5 41.7



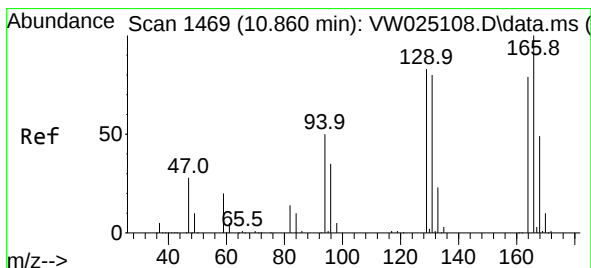
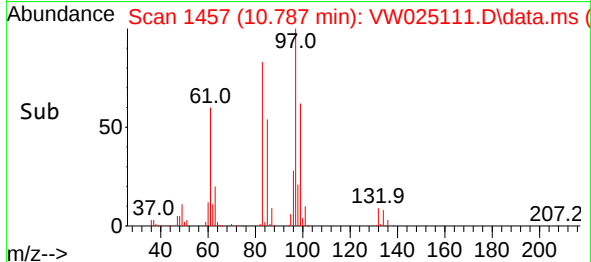
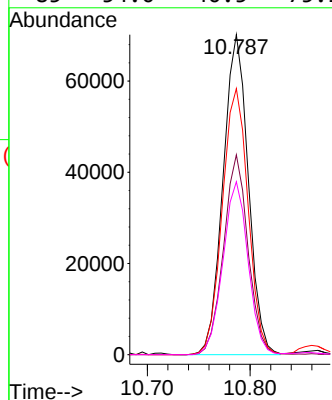
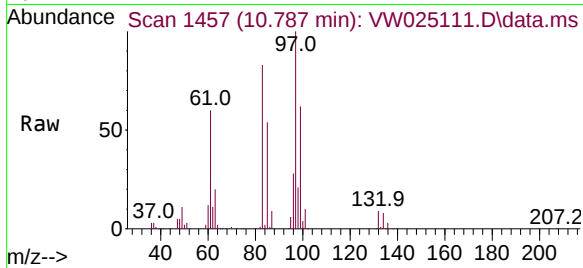


#45
1,1,2-Trichloroethane
Concen: 27.664 ug/L
RT: 10.787 min Scan# 1457
Delta R.T. 0.000 min
Lab File: VW025111.D
Acq: 21 Nov 2022 12:12

Instrument :
MSVOA_W
ClientSampleId :
VICV472

Tgt Ion: 97 Resp: 119628

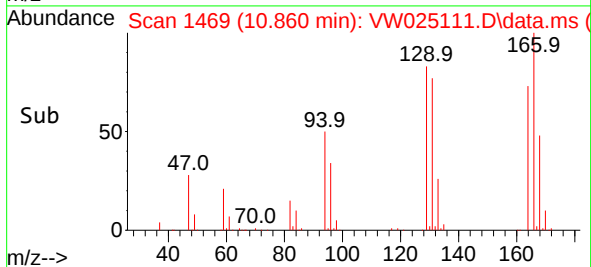
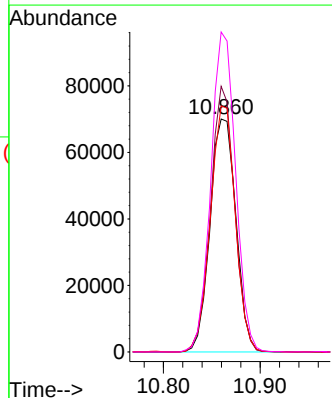
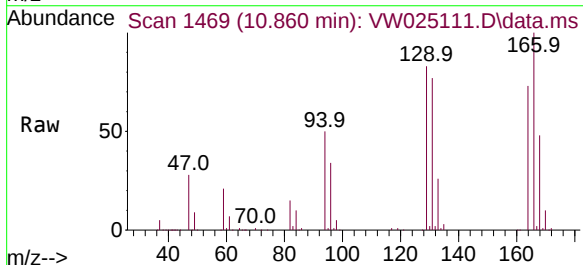
Ion	Ratio	Lower	Upper
97	100		
99	62.5	44.3	82.3
83	83.2	61.3	113.9
85	54.0	40.5	75.1

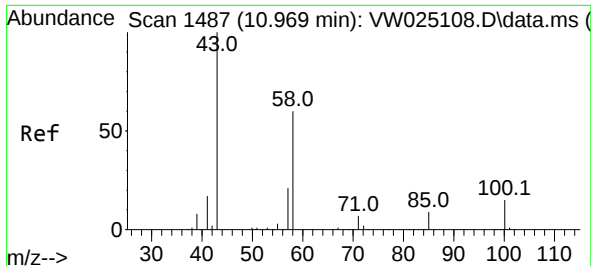


#46
Tetrachloroethene
Concen: 24.855 ug/L
RT: 10.860 min Scan# 1469
Delta R.T. 0.000 min
Lab File: VW025111.D
Acq: 21 Nov 2022 12:12

Tgt Ion: 164 Resp: 130115

Ion	Ratio	Lower	Upper
164	100		
129	114.0	73.4	136.4
131	105.7	70.8	131.4
166	137.4	88.3	164.1

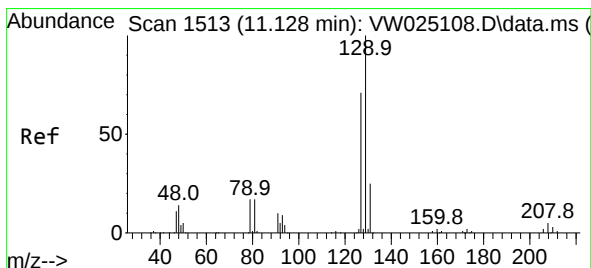
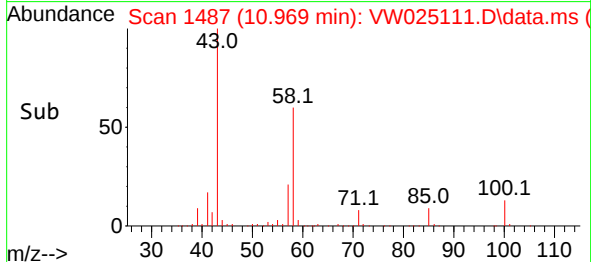
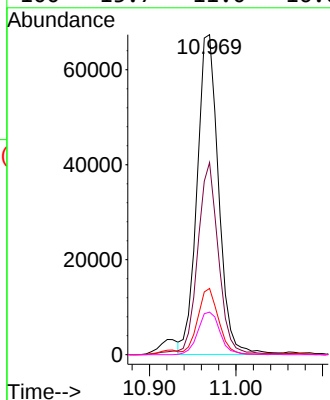
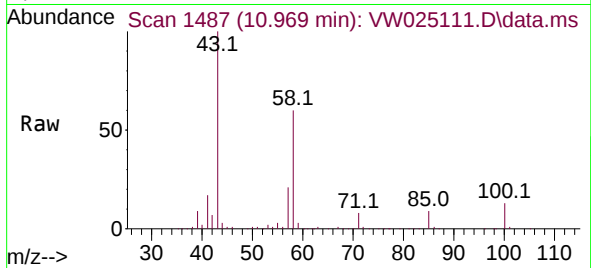




#48
2-Hexanone
Concen: 56.330 ug/L
RT: 10.969 min Scan# 1487
Delta R.T. 0.000 min
Lab File: VW025111.D
Acq: 21 Nov 2022 12:12

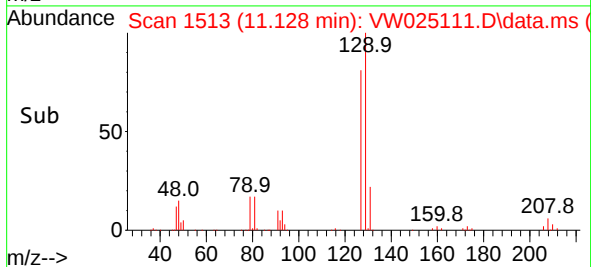
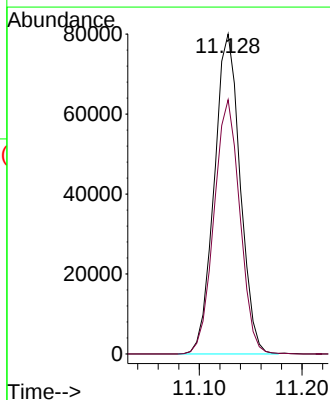
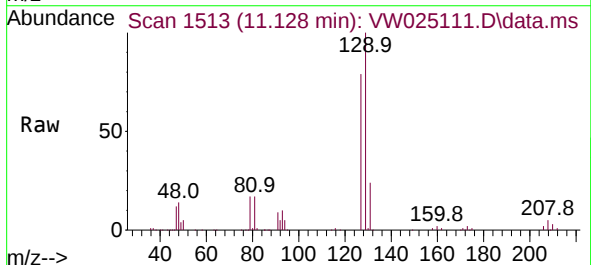
Instrument :
MSVOA_W
ClientSampleId :
VICV472

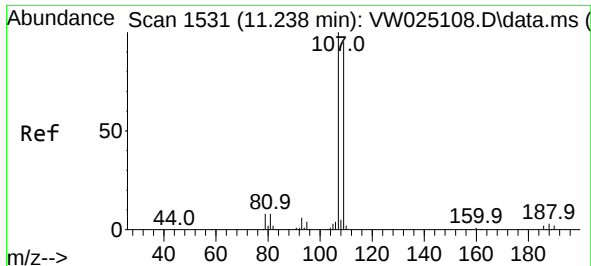
Tgt Ion: 43 Resp: 116145
Ion Ratio Lower Upper
43 100
58 58.6 46.6 69.8
57 20.3 16.7 25.1
100 13.7 11.0 16.6



#49
Dibromochloromethane
Concen: 27.069 ug/L
RT: 11.128 min Scan# 1513
Delta R.T. 0.000 min
Lab File: VW025111.D
Acq: 21 Nov 2022 12:12

Tgt Ion:129 Resp: 139852
Ion Ratio Lower Upper
129 100
127 79.5 49.7 92.3





#50

1,2-Dibromoethane

Concen: 27.923 ug/L

RT: 11.232 min Scan# 11

Delta R.T. -0.006 min

Lab File: VW025111.D

Acq: 21 Nov 2022 12:12

Instrument :

MSVOA_W

ClientSampleId :

VICV472

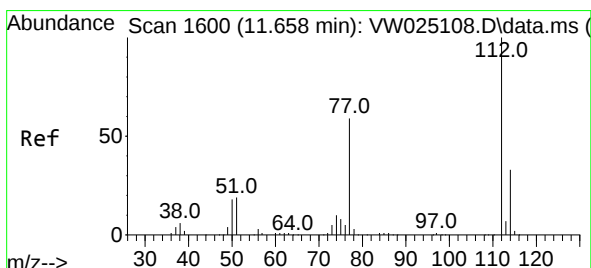
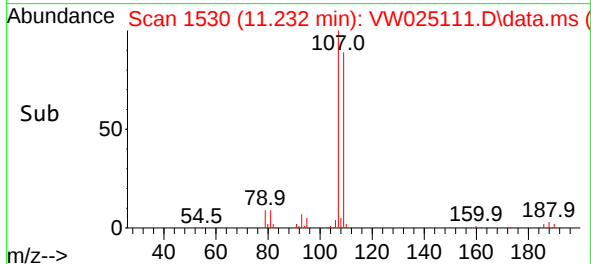
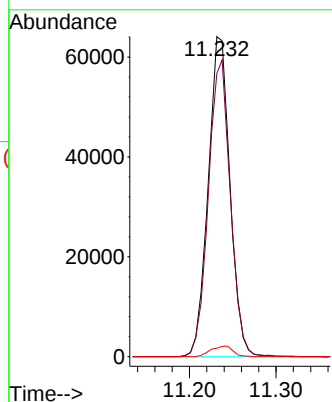
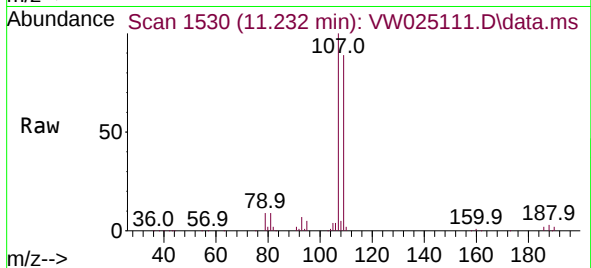
Tgt Ion:107 Resp: 112108

Ion Ratio Lower Upper

107 100

109 88.5 66.8 124.2

188 2.6 2.9 4.3#



#51

Chlorobenzene

Concen: 27.251 ug/L

RT: 11.658 min Scan# 1600

Delta R.T. 0.000 min

Lab File: VW025111.D

Acq: 21 Nov 2022 12:12

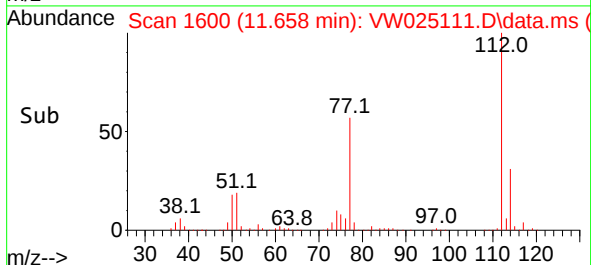
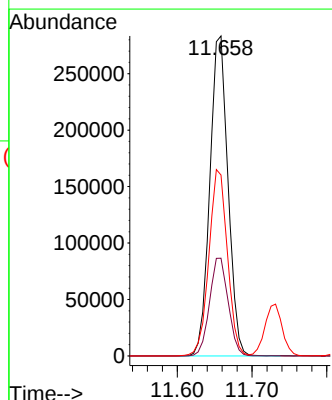
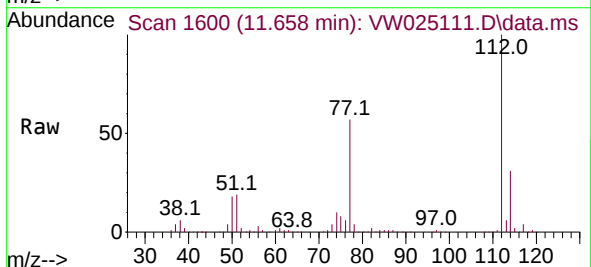
Tgt Ion:112 Resp: 478615

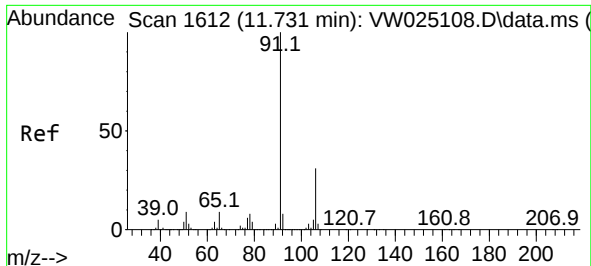
Ion Ratio Lower Upper

112 100

114 30.6 23.2 43.2

77 56.6 47.2 70.8

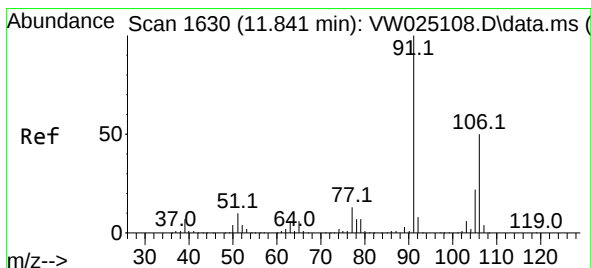
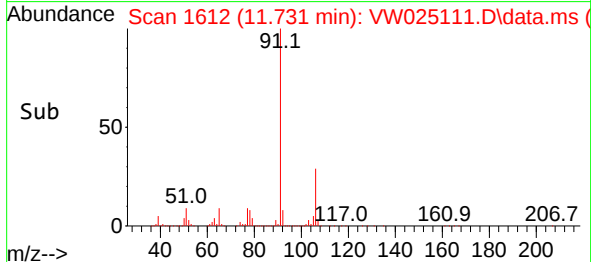
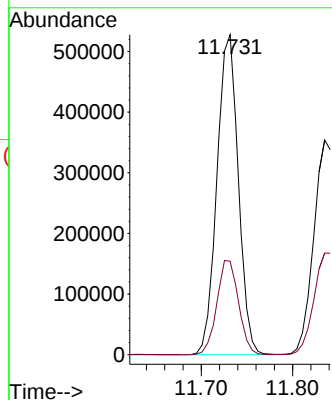
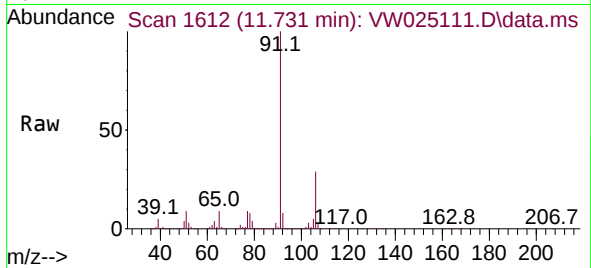




#52
Ethylbenzene
Concen: 26.887 ug/L
RT: 11.731 min Scan# 1
Delta R.T. 0.000 min
Lab File: VW025111.D
Acq: 21 Nov 2022 12:12

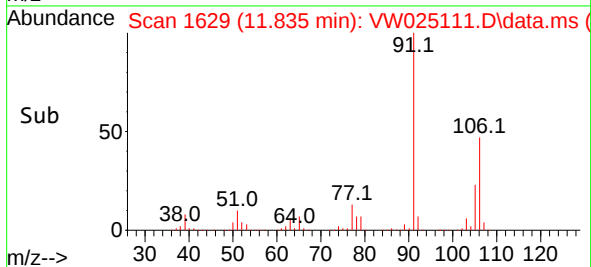
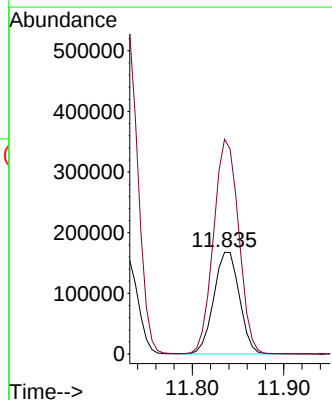
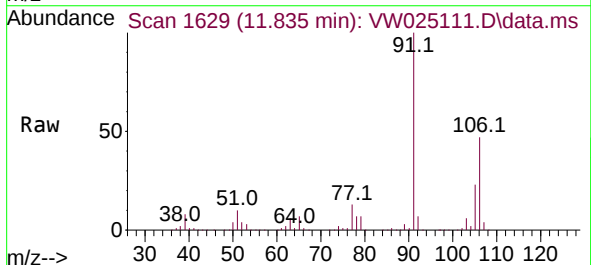
Instrument :
MSVOA_W
ClientSampleId :
VICV472

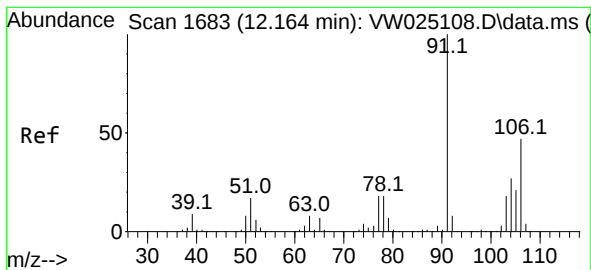
Tgt Ion: 91 Resp: 856701
Ion Ratio Lower Upper
91 100
106 29.2 21.9 40.7



#53
m,p-Xylene
Concen: 26.709 ug/L
RT: 11.835 min Scan# 1629
Delta R.T. -0.006 min
Lab File: VW025111.D
Acq: 21 Nov 2022 12:12

Tgt Ion: 106 Resp: 326512
Ion Ratio Lower Upper
106 100
91 211.2 139.7 259.4





#54

o-Xylene

Concen: 27.402 ug/L

RT: 12.164 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW025111.D

Acq: 21 Nov 2022 12:12

Instrument :

MSVOA_W

ClientSampleId :

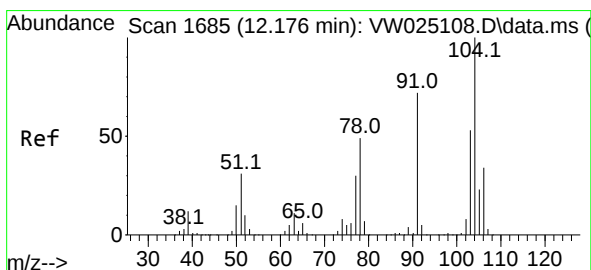
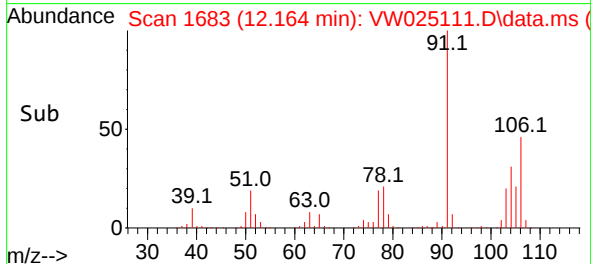
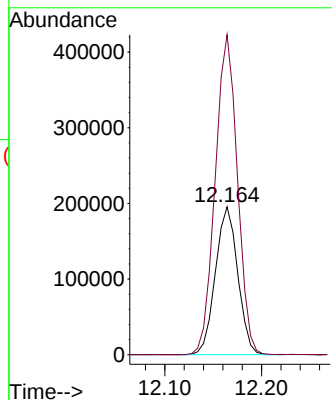
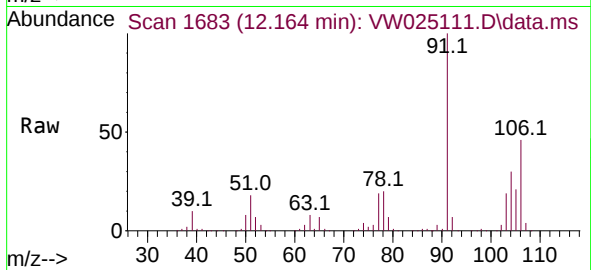
VICV472

Tgt Ion:106 Resp: 312822

Ion Ratio Lower Upper

106 100

91 216.3 148.8 276.4



#55

Styrene

Concen: 27.768 ug/L

RT: 12.177 min Scan# 1685

Delta R.T. 0.000 min

Lab File: VW025111.D

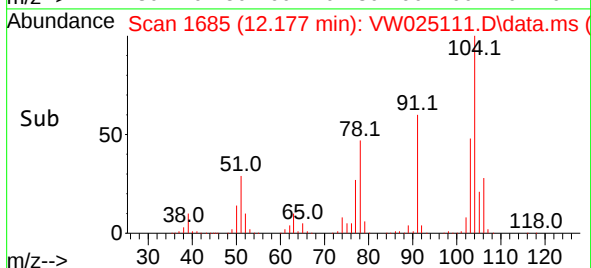
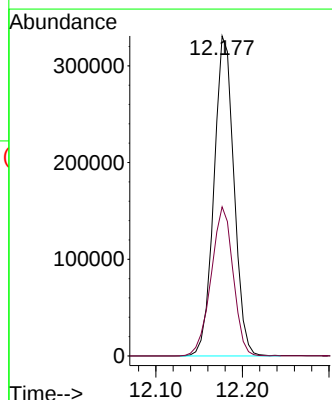
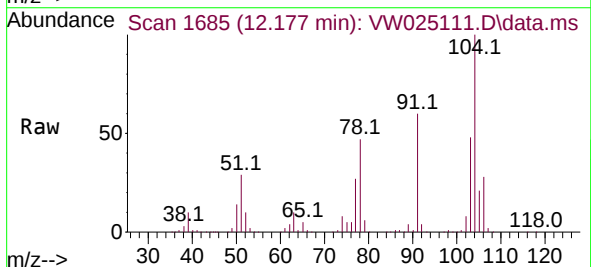
Acq: 21 Nov 2022 12:12

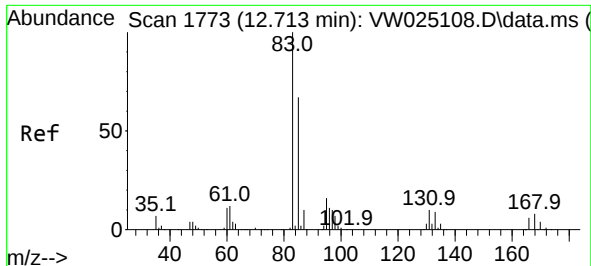
Tgt Ion:104 Resp: 531339

Ion Ratio Lower Upper

104 100

78 46.6 34.4 63.8





#57

1,1,2,2-Tetrachloroethane

Concen: 27.957 ug/L

RT: 12.713 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW025111.D

Acq: 21 Nov 2022 12:12

Instrument :

MSVOA_W

ClientSampleId :

VICV472

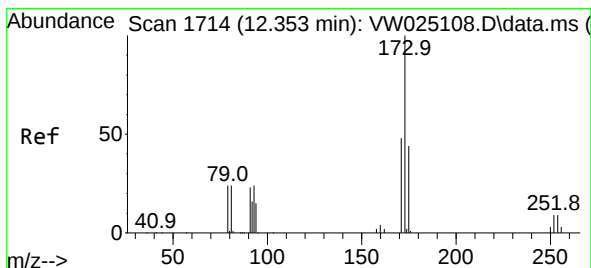
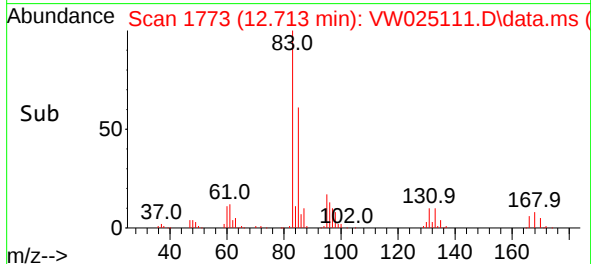
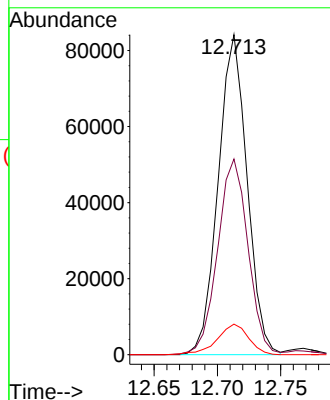
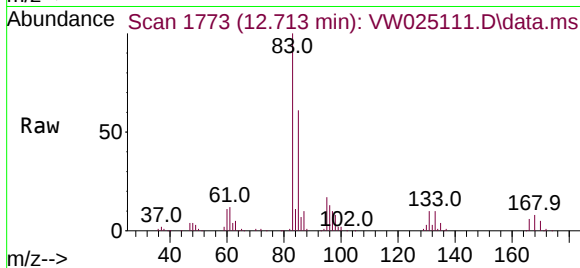
Tgt Ion: 83 Resp: 133470

Ion Ratio Lower Upper

83 100

85 61.2 46.8 87.0

131 9.5 8.2 12.2



#59

Bromoform

Concen: 27.913 ug/L

RT: 12.347 min Scan# 1713

Delta R.T. -0.006 min

Lab File: VW025111.D

Acq: 21 Nov 2022 12:12

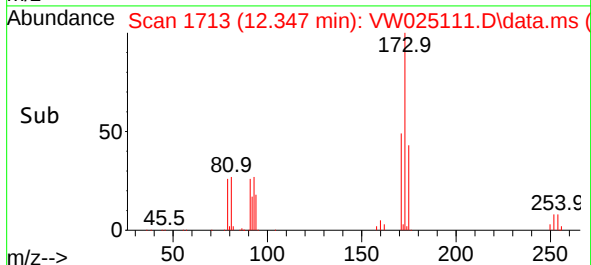
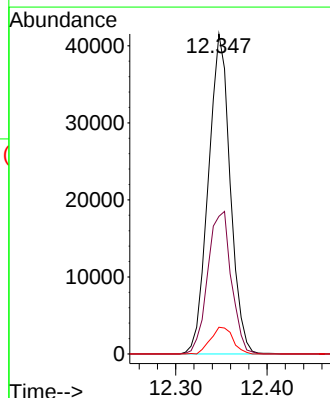
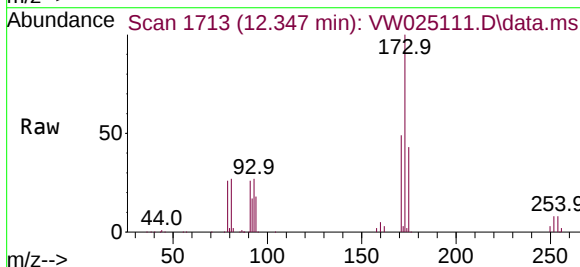
Tgt Ion:173 Resp: 68955

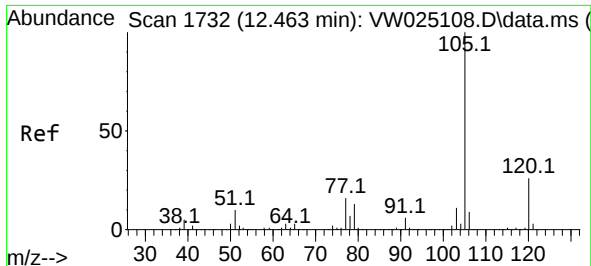
Ion Ratio Lower Upper

173 100

175 48.0 37.4 56.0

254 8.5 6.8 10.2

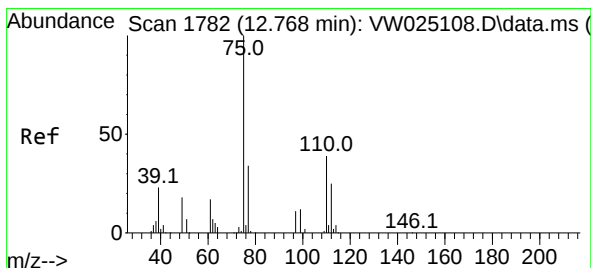
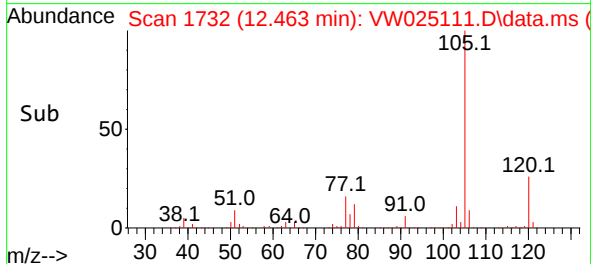
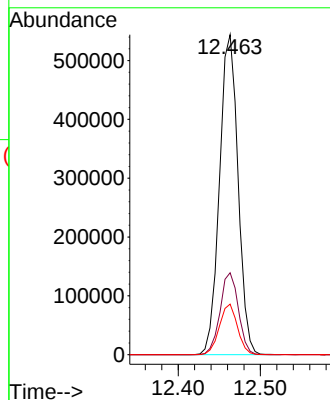
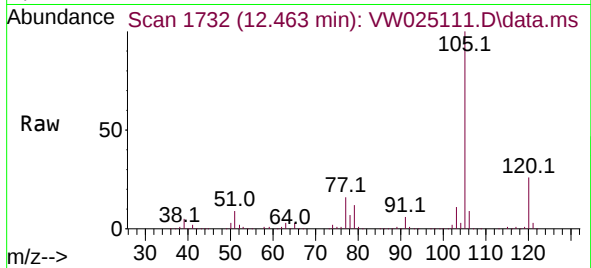




#60
Isopropylbenzene
Concen: 27.277 ug/L
RT: 12.463 min Scan# 1732
Delta R.T. 0.000 min
Lab File: VW025111.D
Acq: 21 Nov 2022 12:12

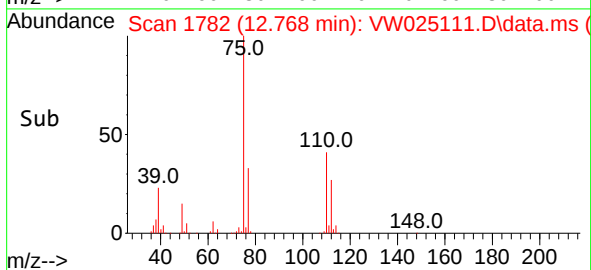
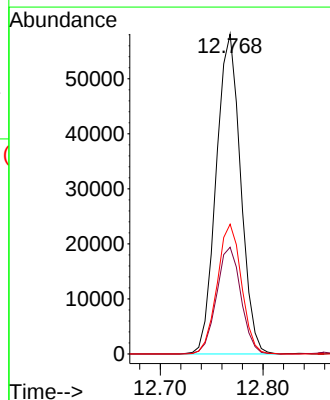
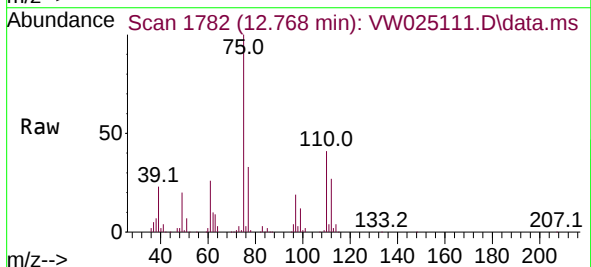
Instrument :
MSVOA_W
ClientSampleId :
VICV472

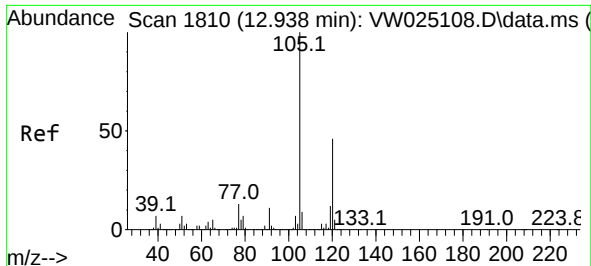
Tgt Ion:105 Resp: 850698
Ion Ratio Lower Upper
105 100
120 25.4 20.6 31.0
77 15.5 12.6 19.0



#61
1,2,3-Trichloropropane
Concen: 27.785 ug/L
RT: 12.768 min Scan# 1782
Delta R.T. 0.000 min
Lab File: VW025111.D
Acq: 21 Nov 2022 12:12

Tgt Ion: 75 Resp: 95803
Ion Ratio Lower Upper
75 100
77 33.4 26.6 40.0
110 40.3 31.7 47.5

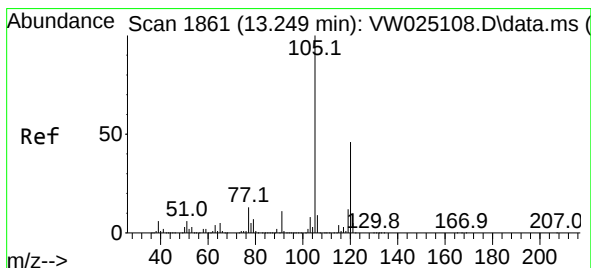
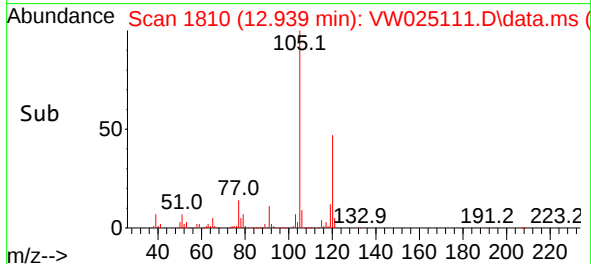
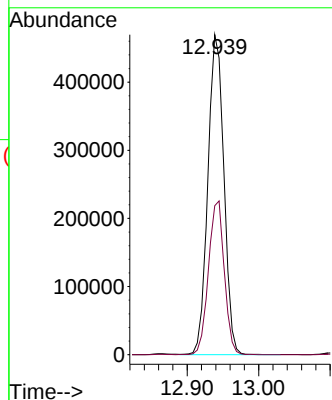
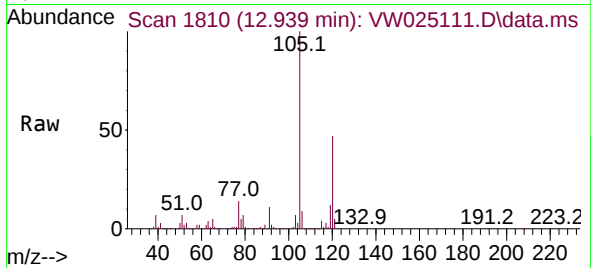




#62
1,3,5-Trimethylbenzene
Concen: 27.435 ug/L
RT: 12.939 min Scan# 1810
Delta R.T. 0.000 min
Lab File: VW025111.D
Acq: 21 Nov 2022 12:12

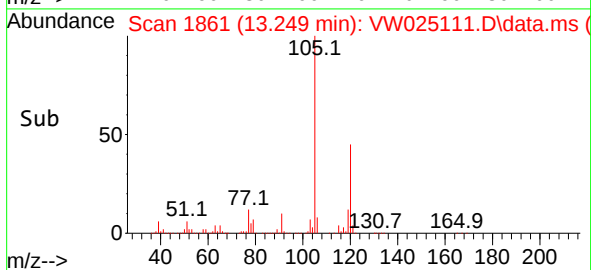
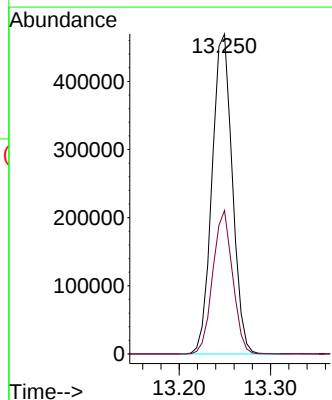
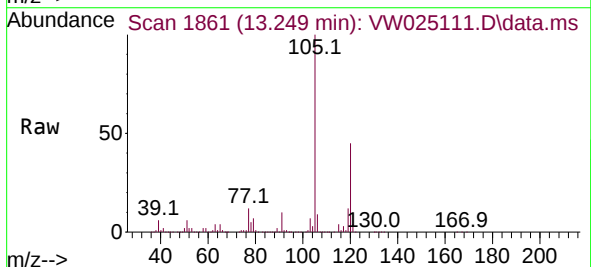
Instrument :
MSVOA_W
ClientSampleId :
VICV472

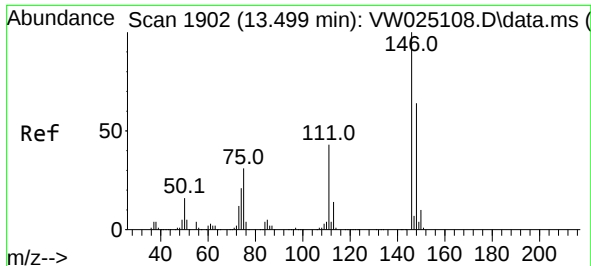
Tgt Ion:105 Resp: 731180
Ion Ratio Lower Upper
105 100
120 47.5 38.0 57.0



#63
1,2,4-Trimethylbenzene
Concen: 28.126 ug/L
RT: 13.249 min Scan# 1861
Delta R.T. 0.000 min
Lab File: VW025111.D
Acq: 21 Nov 2022 12:12

Tgt Ion:105 Resp: 722838
Ion Ratio Lower Upper
105 100
120 43.8 36.1 54.1

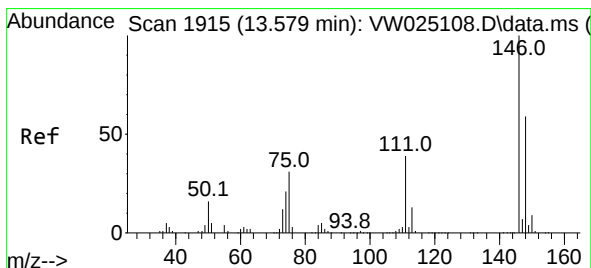
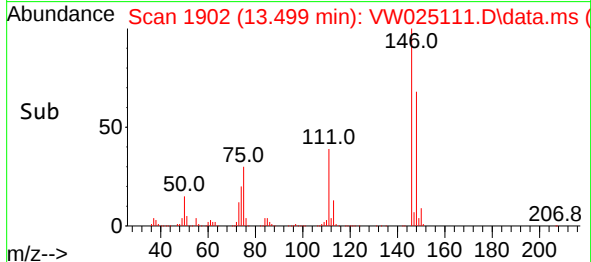
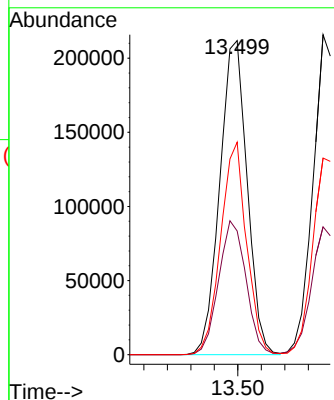
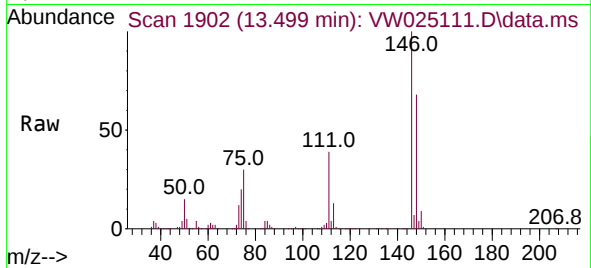




#64
1,3-Dichlorobenzene
Concen: 27.187 ug/L
RT: 13.499 min Scan# 1902
Delta R.T. 0.000 min
Lab File: VW025111.D
Acq: 21 Nov 2022 12:12

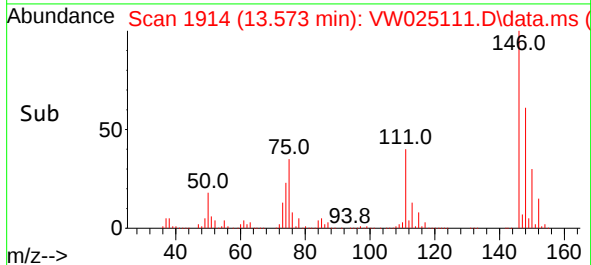
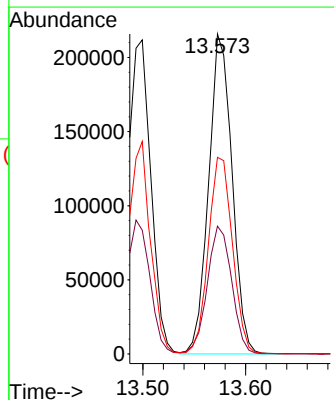
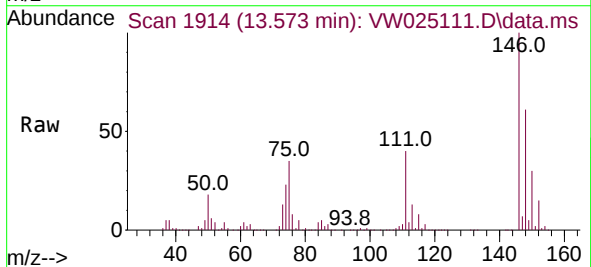
Instrument :
MSVOA_W
ClientSampleId :
VICV472

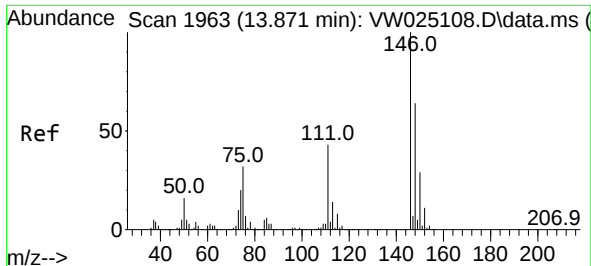
Tgt Ion:146 Resp: 343080
Ion Ratio Lower Upper
146 100
111 39.4 30.2 56.0
148 67.6 44.9 83.5



#65
1,4-Dichlorobenzene
Concen: 27.385 ug/L
RT: 13.573 min Scan# 1914
Delta R.T. -0.006 min
Lab File: VW025111.D
Acq: 21 Nov 2022 12:12

Tgt Ion:146 Resp: 342507
Ion Ratio Lower Upper
146 100
111 39.9 27.4 51.0
148 61.4 41.6 77.3





#67

1,2-Dichlorobenzene

Concen: 27.238 ug/L

RT: 13.865 min Scan# 1962

Delta R.T. -0.006 min

Lab File: VW025111.D

Acq: 21 Nov 2022 12:12

Instrument :

MSVOA_W

ClientSampleId :

VICV472

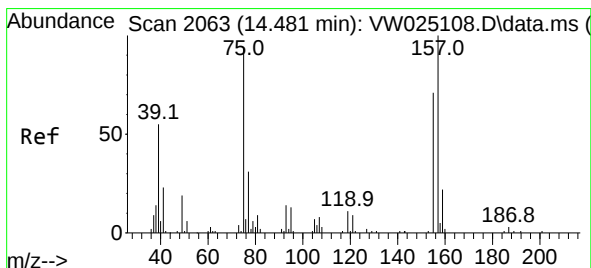
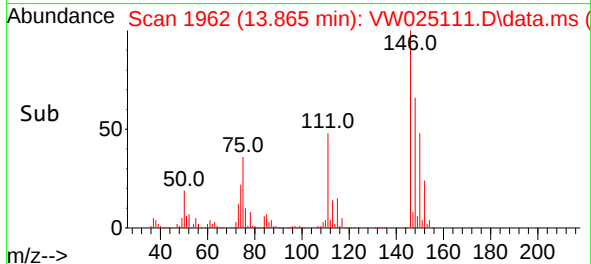
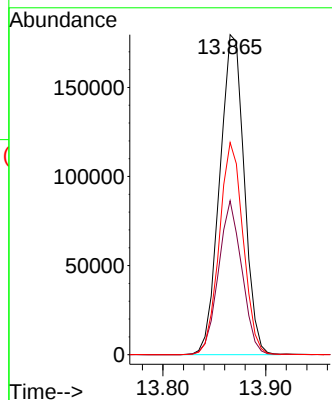
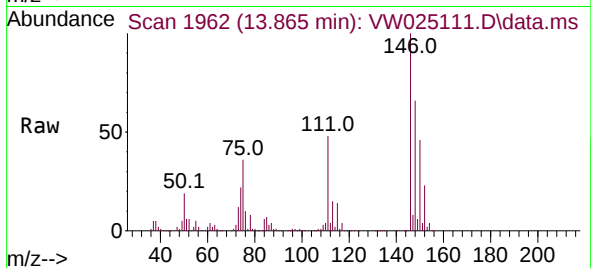
Tgt Ion:146 Resp: 297589

Ion Ratio Lower Upper

146 100

111 48.1 34.3 51.5

148 66.3 51.4 77.0



#68

1,2-Dibromo-3-chloropropane

Concen: 28.570 ug/L

RT: 14.481 min Scan# 2063

Delta R.T. 0.000 min

Lab File: VW025111.D

Acq: 21 Nov 2022 12:12

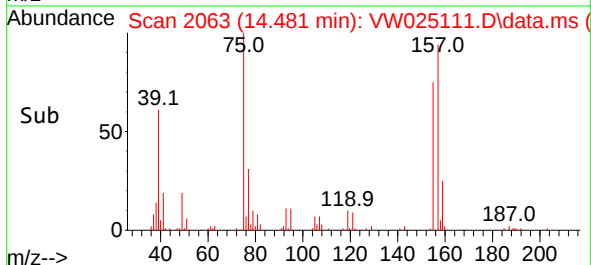
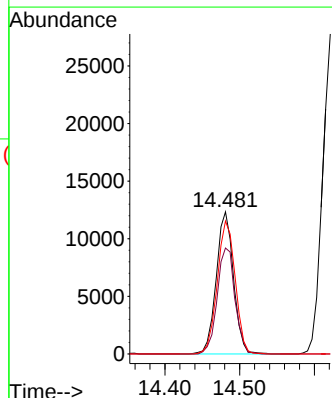
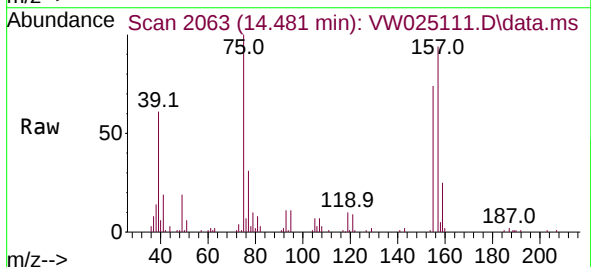
Tgt Ion: 75 Resp: 19782

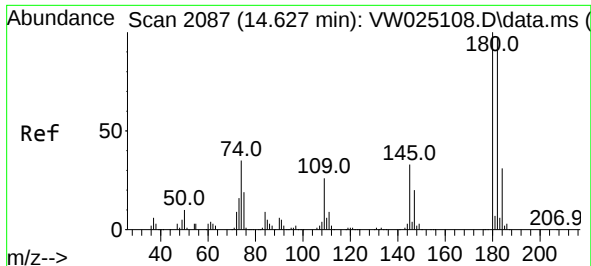
Ion Ratio Lower Upper

75 100

155 74.5 60.3 90.5

157 93.5 84.9 127.3

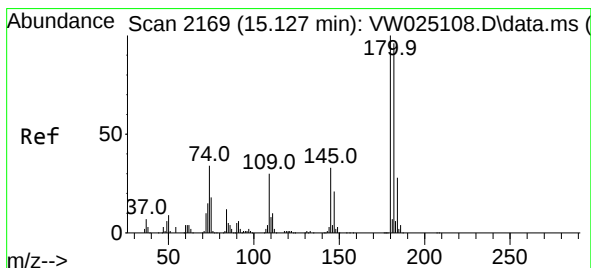
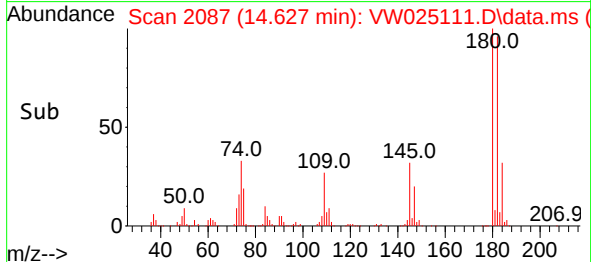
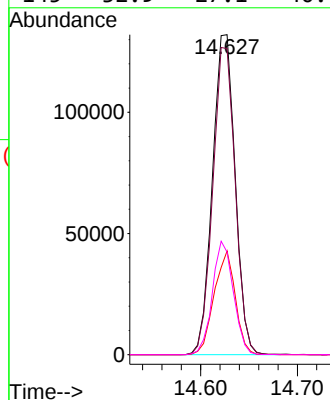
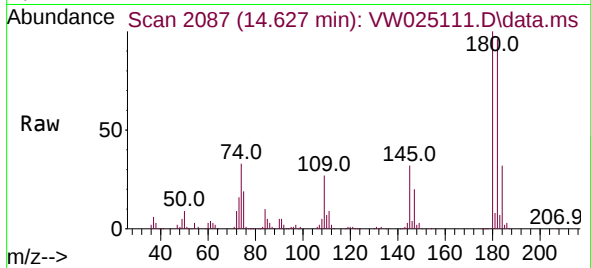




#69
1,3,5-Trichlorobenzene
Concen: 26.483 ug/L
RT: 14.627 min Scan# 2087
Delta R.T. 0.000 min
Lab File: VW025111.D
Acq: 21 Nov 2022 12:12

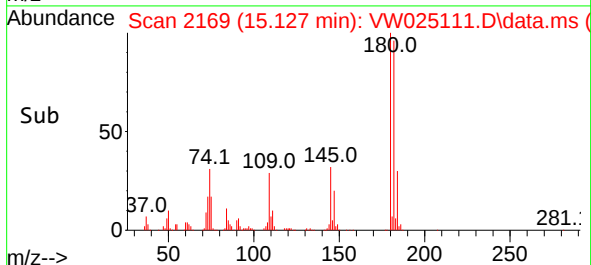
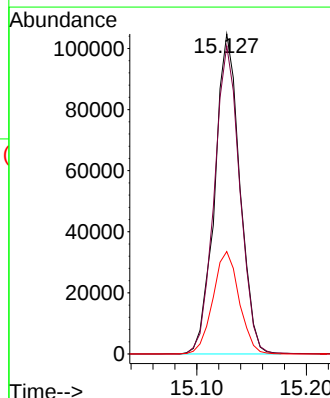
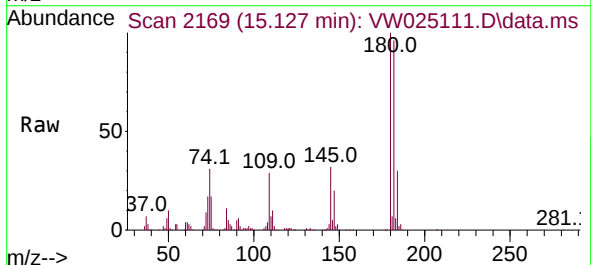
Instrument :
MSVOA_W
ClientSampleId :
VICV472

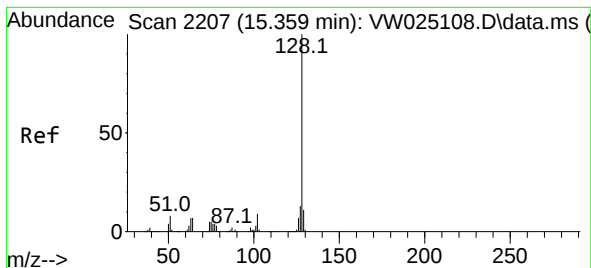
Tgt Ion:	180	Resp:	215072
Ion Ratio	Lower	Upper	
180	100		
182	94.9	77.8	116.6
184	30.4	24.3	36.5
145	32.9	27.1	40.7



#70
1,2,4-trichlorobenzene
Concen: 27.697 ug/L
RT: 15.127 min Scan# 2169
Delta R.T. 0.000 min
Lab File: VW025111.D
Acq: 21 Nov 2022 12:12

Tgt Ion:	180	Resp:	166639
Ion Ratio	Lower	Upper	
180	100		
182	98.0	77.2	115.8
145	33.4	26.9	40.3





#71

Naphthalene

Concen: 30.153 ug/L

RT: 15.359 min Scan# 2207

Delta R.T. 0.000 min

Lab File: VW025111.D

Acq: 21 Nov 2022 12:12

Instrument :

MSVOA_W

ClientSampleId :

VICV472

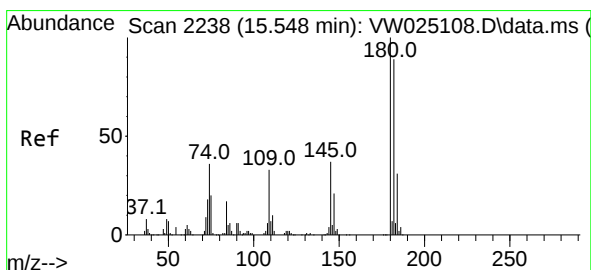
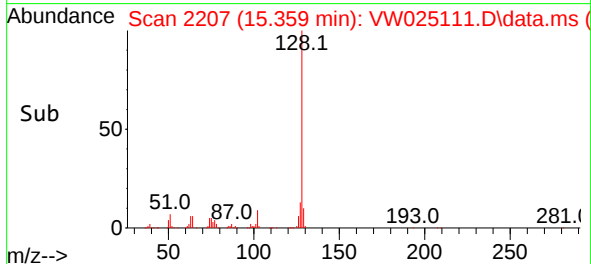
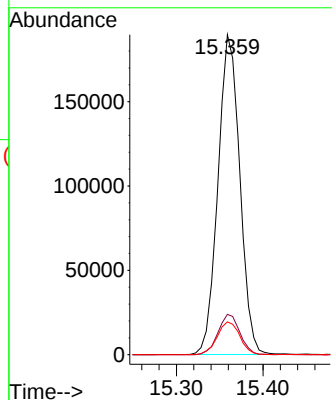
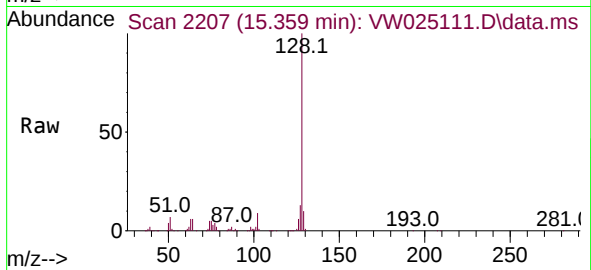
Tgt Ion:128 Resp: 332588

Ion Ratio Lower Upper

128 100

127 12.6 10.3 15.5

129 10.6 8.8 13.2



#72

1,2,3-Trichlorobenzene

Concen: 28.104 ug/L

RT: 15.548 min Scan# 2238

Delta R.T. 0.000 min

Lab File: VW025111.D

Acq: 21 Nov 2022 12:12

Tgt Ion:180 Resp: 141014

Ion Ratio Lower Upper

180 100

182 95.7 76.4 114.6

145 35.4 29.6 44.4

