

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW111022\
 Data File : VW025031.D
 Acq On : 10 Nov 2022 08:08
 Operator : SY/VA
 Sample : VSTDCCC025
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025491

Quant Time: Nov 10 23:50:14 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM102622SMA.M
 Quant Title : SFAM01.0
 QLast Update : Thu Nov 10 00:20:01 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.848	114	269333	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.628	117	245316	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	127766	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.355	65	58074	19.210	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	76.840%
7) Chloroethane-d5	2.891	69	38357	21.659	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	86.640%
11) 1,1-Dichloroethene-d2	4.019	63	174765	23.208	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	92.840%
21) 2-Butanone-d5	7.080	46	39054	38.277	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	76.560%
24) Chloroform-d	7.647	84	203656	24.916	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	99.680%
26) 1,2-Dichloroethane-d4	8.305	65	105778	23.119	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	92.480%
32) Benzene-d6	8.275	84	371911	23.653	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	94.600%
36) 1,2-Dichloropropane-d6	9.274	67	104622	22.708	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	90.840%
41) Toluene-d8	10.323	98	343091	23.437	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	93.760%
43) trans-1,3-Dichloroprop...	10.579	79	45674	22.357	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	89.440%
47) 2-Hexanone-d5	10.920	63	31913	40.099	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	80.200%
56) 1,1,2,2-Tetrachloroeth...	12.688	84	78835	21.430	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	85.720%
66) 1,2-Dichlorobenzene-d4	13.847	152	116307	23.688	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	94.760%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.007	85	18156	20.211	ug/L	99
3) Chloromethane	2.215	50	43531	20.147	ug/L	100
5) Vinyl chloride	2.361	62	67516	22.615	ug/L	99
6) Bromomethane	2.782	94	34329	23.042	ug/L	97
8) Chloroethane	2.922	64	29982	24.075	ug/L	99
9) Trichlorofluoromethane	3.263	101	65909	26.317	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.074	101	91196	25.714	ug/L	97
12) 1,1-Dichloroethene	4.037	96	83886	25.108	ug/L	97
13) Acetone	4.117	43	34977	48.256	ug/L	93
14) Carbon disulfide	4.385	76	229699	23.536	ug/L	97
15) Methyl Acetate	4.672	43	26739	18.529	ug/L	99
16) Methylene chloride	4.921	84	85754	17.932	ug/L	95
17) trans-1,2-Dichloroethene	5.427	96	87364	24.421	ug/L	97
18) Methyl tert-butyl Ether	5.427	73	134938	22.486	ug/L	98
19) 1,1-Dichloroethane	6.214	63	161106	24.324	ug/L	100
20) cis-1,2-Dichloroethene	7.171	96	95565	24.509	ug/L	97
22) 2-Butanone	7.171	43	40752	37.527	ug/L	98
23) Bromochloromethane	7.512	128	40322	23.854	ug/L	91
25) Chloroform	7.677	83	180056	25.758	ug/L	97

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 Response via : Initial Calibration

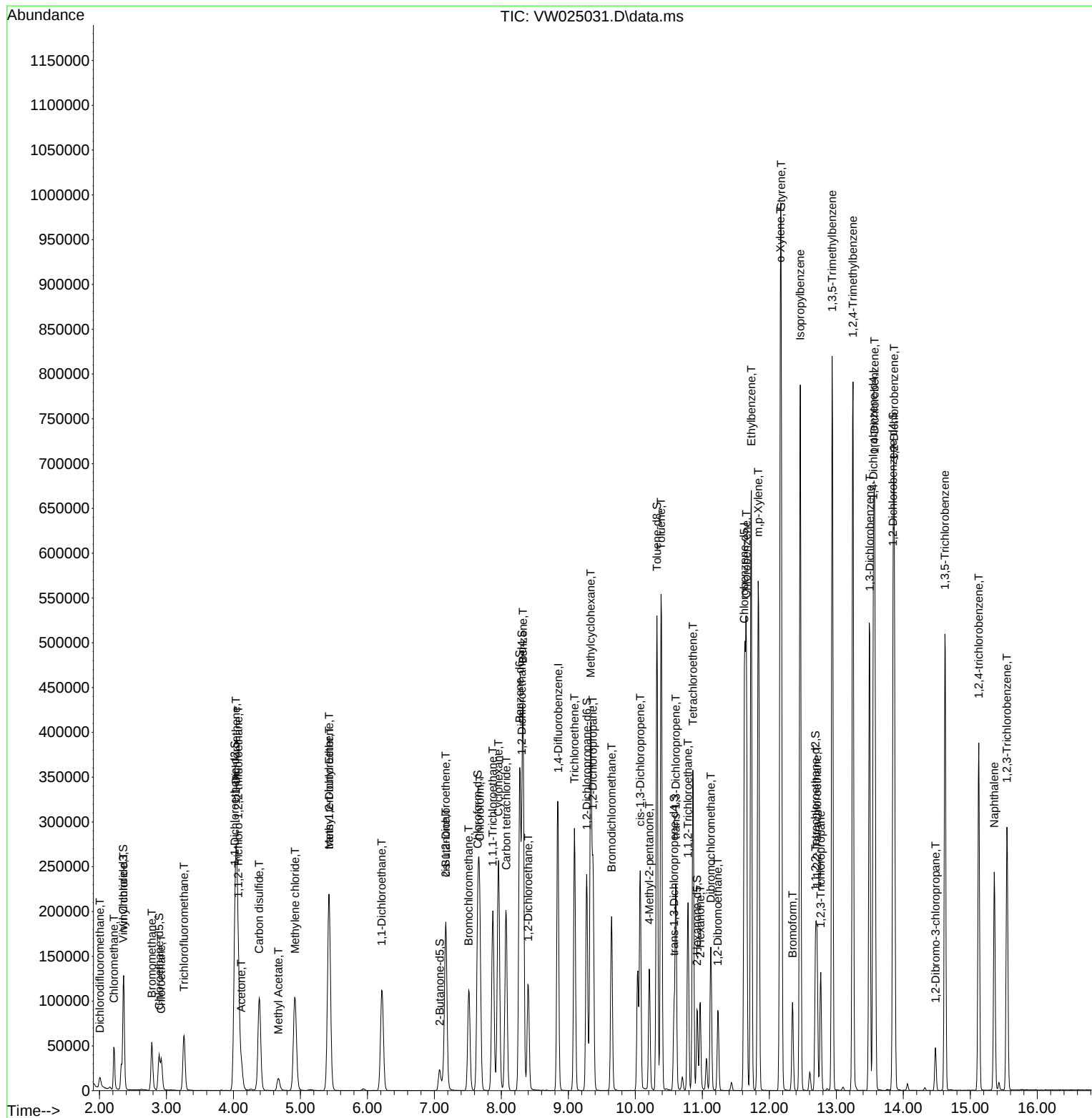
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.403	62	114489	24.146	ug/L	98
29) Cyclohexane	7.958	56	140285	24.218	ug/L	95
30) 1,1,1-Trichloroethane	7.872	97	162968	27.146	ug/L	100
31) Carbon tetrachloride	8.073	117	154100	28.726	ug/L	97
33) Benzene	8.323	78	367307	24.864	ug/L	100
34) Trichloroethene	9.091	95	101440	25.939	ug/L	99
35) Methylcyclohexane	9.335	83	166366	25.037	ug/L	99
37) 1,2-Dichloropropane	9.366	63	84966	23.697	ug/L	99
38) Bromodichloromethane	9.646	83	129192	25.817	ug/L	100
39) cis-1,3-Dichloropropene	10.073	75	141623	24.985	ug/L	99
40) 4-Methyl-2-pentanone	10.207	43	81623	38.793	ug/L	98
42) Toluene	10.384	91	395614	25.225	ug/L	92
44) trans-1,3-Dichloropropene	10.603	75	122601	24.330	ug/L	99
45) 1,1,2-Trichloroethane	10.786	97	63380	23.412	ug/L	97
46) Tetrachloroethene	10.859	164	76477	27.345	ug/L	94
48) 2-Hexanone	10.969	43	60346	41.471	ug/L	98
49) Dibromochloromethane	11.128	129	82220	24.915	ug/L	96
50) 1,2-Dibromoethane	11.231	107	58704	22.928	ug/L #	96
51) Chlorobenzene	11.658	112	256567	25.238	ug/L	96
52) Ethylbenzene	11.731	91	465402	25.708	ug/L	98
53) m,p-Xylene	11.835	106	181680	25.926	ug/L	98
54) o-Xylene	12.164	106	172268	26.057	ug/L	97
55) Styrene	12.176	104	297620	25.919	ug/L	90
57) 1,1,2,2-Tetrachloroethane	12.713	83	71567	22.037	ug/L	97
59) Bromoform	12.347	173	43495	24.069	ug/L #	98
60) Isopropylbenzene	12.463	105	497191	25.883	ug/L	99
61) 1,2,3-Trichloropropane	12.768	75	53262	20.750	ug/L	98
62) 1,3,5-Trimethylbenzene	12.938	105	433178	25.978	ug/L	99
63) 1,2,4-Trimethylbenzene	13.249	105	429532	26.269	ug/L	99
64) 1,3-Dichlorobenzene	13.499	146	202236	25.243	ug/L	96
65) 1,4-Dichlorobenzene	13.572	146	204515	25.583	ug/L	96
67) 1,2-Dichlorobenzene	13.865	146	180994	25.126	ug/L	89
68) 1,2-Dibromo-3-chloropr...	14.481	75	12841	21.647	ug/L	96
69) 1,3,5-Trichlorobenzene	14.621	180	144792	27.286	ug/L	99
70) 1,2,4-trichlorobenzene	15.127	180	115065	27.899	ug/L	97
71) Naphthalene	15.359	128	199445	22.923	ug/L	99
72) 1,2,3-Trichlorobenzene	15.548	180	93426	25.998	ug/L	99

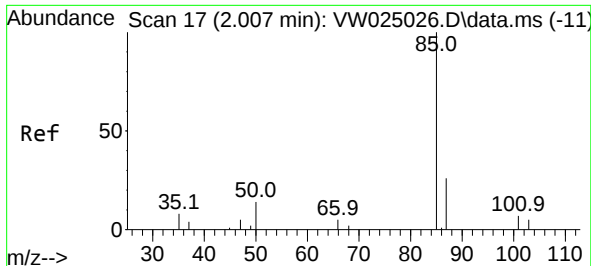
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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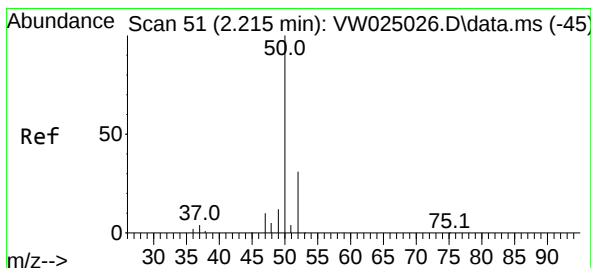
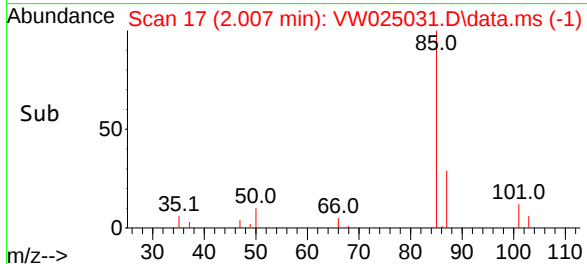
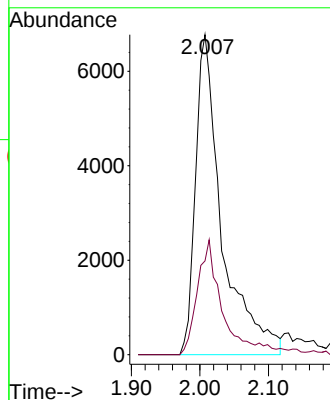
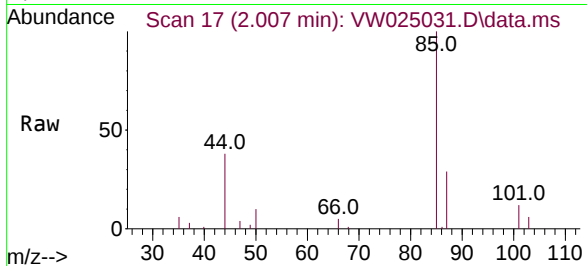




#2
 Dichlorodifluoromethane
 Concen: 20.211 ug/L
 RT: 2.007 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VW025031.D
 Acq: 10 Nov 2022 08:08

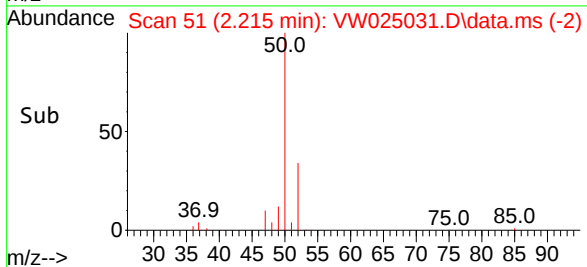
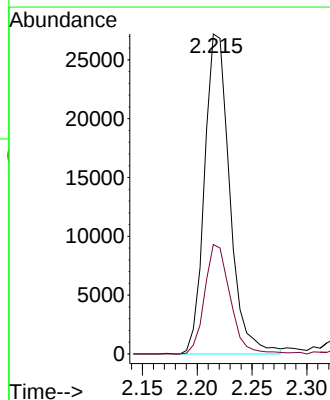
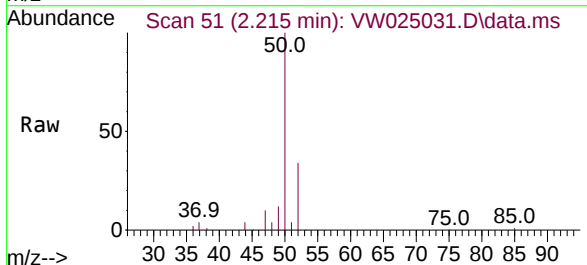
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025491

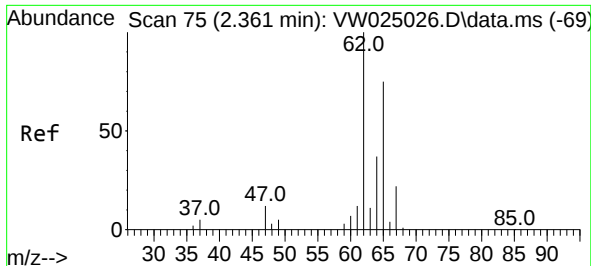
Tgt Ion: 85 Resp: 18156
 Ion Ratio Lower Upper
 85 100
 87 32.0 25.9 38.9



#3
 Chloromethane
 Concen: 20.147 ug/L
 RT: 2.215 min Scan# 51
 Delta R.T. 0.000 min
 Lab File: VW025031.D
 Acq: 10 Nov 2022 08:08

Tgt Ion: 50 Resp: 43531
 Ion Ratio Lower Upper
 50 100
 52 34.2 24.1 44.8

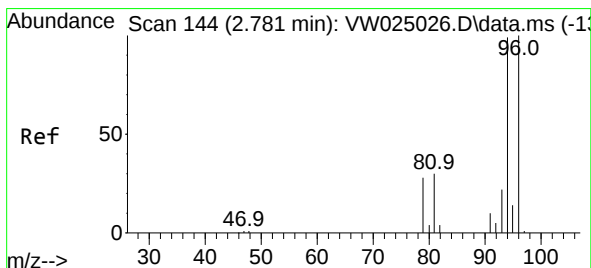
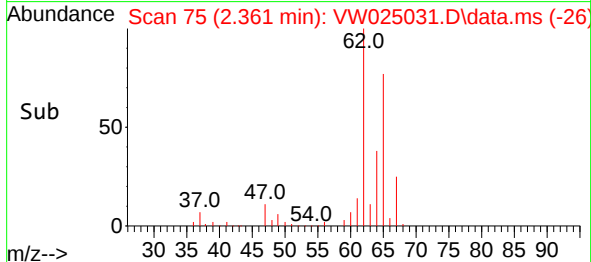
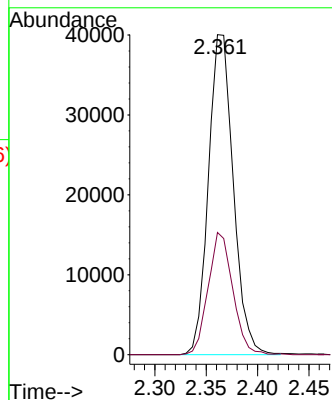
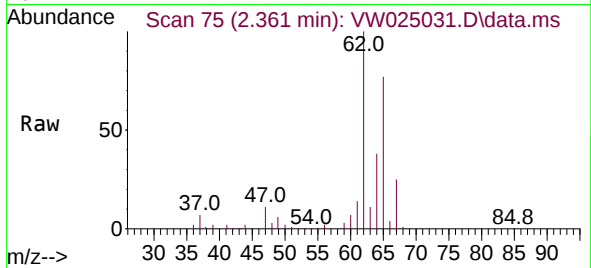




#5
 Vinyl chloride
 Concen: 22.615 ug/L
 RT: 2.361 min Scan# 75
 Delta R.T. 0.000 min
 Lab File: VW025031.D
 Acq: 10 Nov 2022 08:08

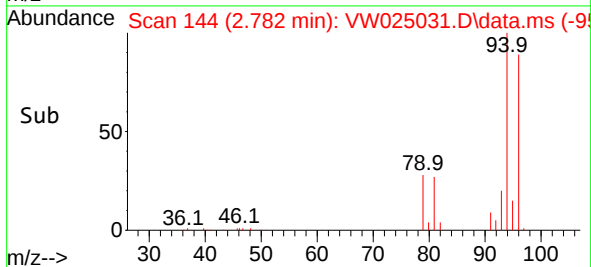
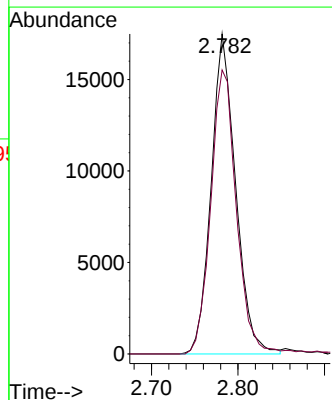
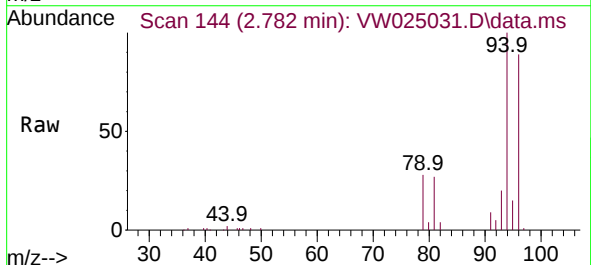
Instrument :
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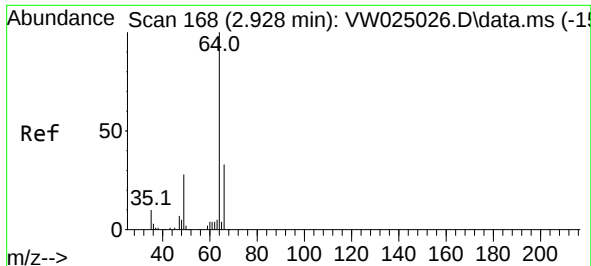
Tgt Ion: 62 Resp: 67516
 Ion Ratio Lower Upper
 62 100
 64 38.2 27.2 50.6



#6
 Bromomethane
 Concen: 23.042 ug/L
 RT: 2.782 min Scan# 144
 Delta R.T. 0.000 min
 Lab File: VW025031.D
 Acq: 10 Nov 2022 08:08

Tgt Ion: 94 Resp: 34329
 Ion Ratio Lower Upper
 94 100
 96 88.7 63.8 118.6

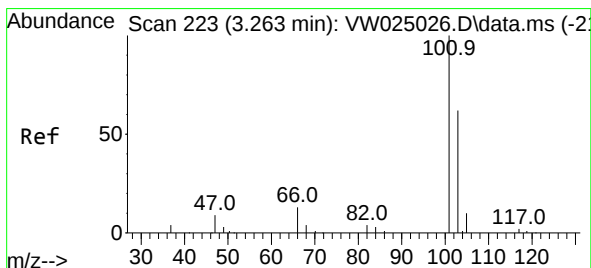
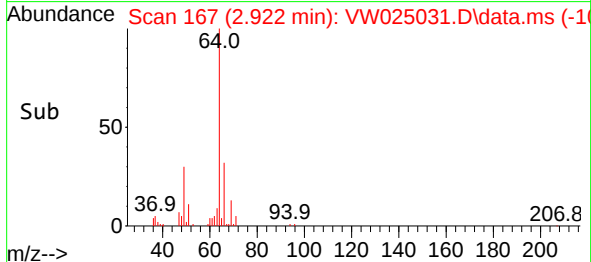
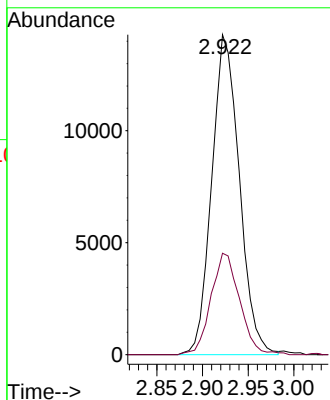
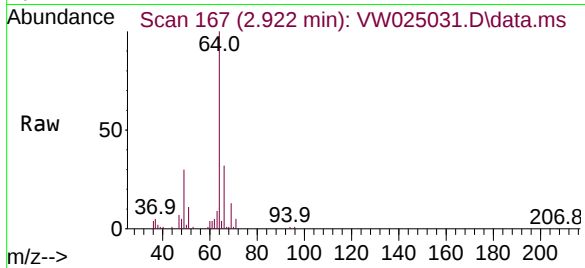




#8
Chloroethane
Concen: 24.075 ug/L
RT: 2.922 min Scan# 167
Delta R.T. -0.006 min
Lab File: VW025031.D
Acq: 10 Nov 2022 08:08

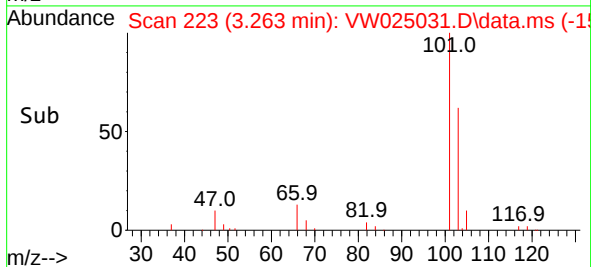
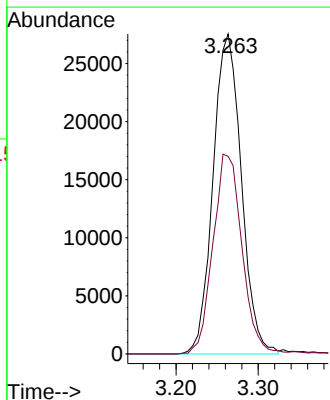
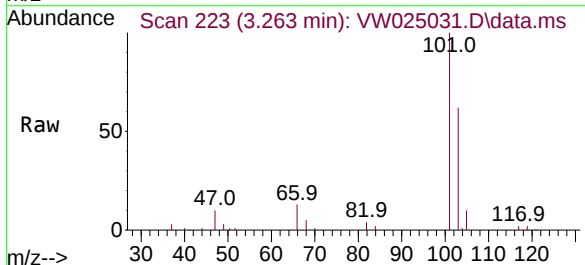
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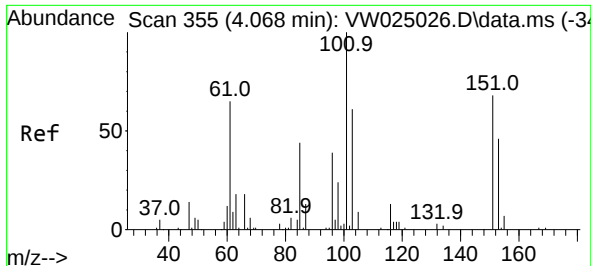
Tgt Ion: 64 Resp: 29982
Ion Ratio Lower Upper
64 100
66 31.7 21.6 40.2



#9
Trichlorofluoromethane
Concen: 26.317 ug/L
RT: 3.263 min Scan# 223
Delta R.T. 0.000 min
Lab File: VW025031.D
Acq: 10 Nov 2022 08:08

Tgt Ion: 101 Resp: 65909
Ion Ratio Lower Upper
101 100
103 63.4 51.4 77.0

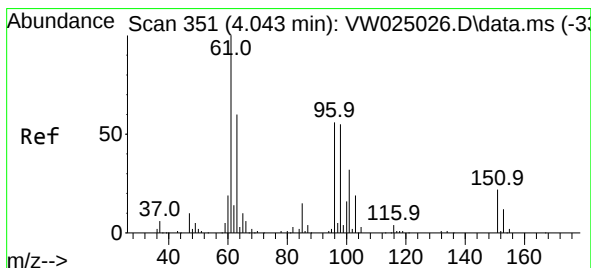
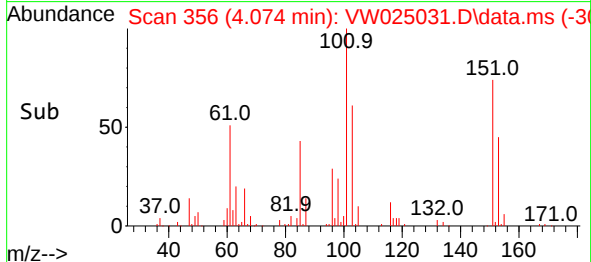
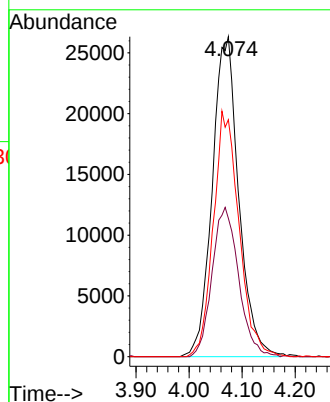
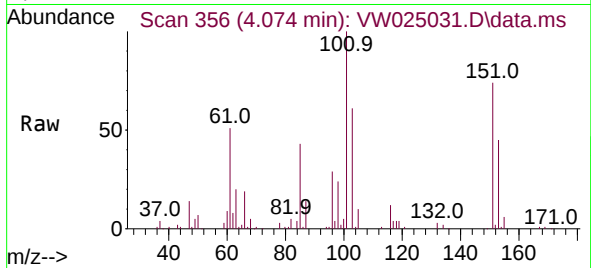




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 25.714 ug/L
 RT: 4.074 min Scan# 356
 Delta R.T. 0.006 min
 Lab File: VW025031.D
 Acq: 10 Nov 2022 08:08

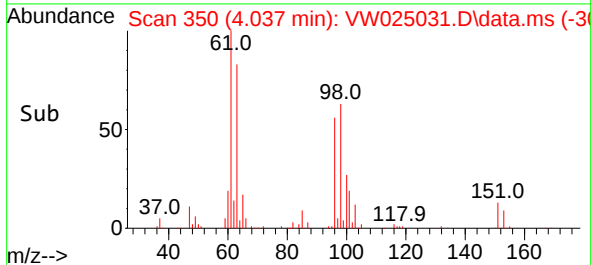
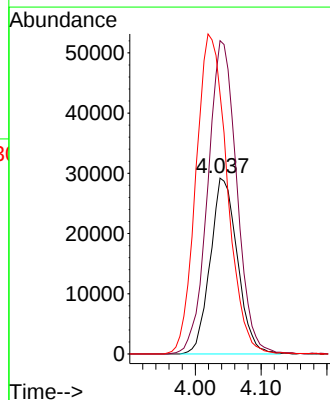
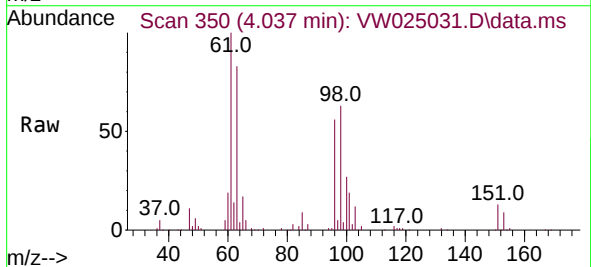
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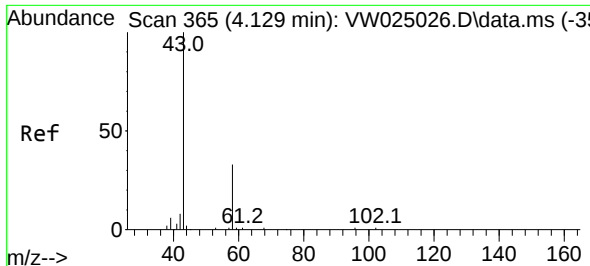
Tgt Ion:101 Resp: 91196
 Ion Ratio Lower Upper
 101 100
 85 46.8 36.5 54.7
 151 74.7 57.3 85.9



#12
 1,1-Dichloroethene
 Concen: 25.108 ug/L
 RT: 4.037 min Scan# 350
 Delta R.T. -0.006 min
 Lab File: VW025031.D
 Acq: 10 Nov 2022 08:08

Tgt Ion: 96 Resp: 83886
 Ion Ratio Lower Upper
 96 100
 61 178.2 126.2 234.4
 63 147.9 98.3 182.7





#13

Acetone

Concen: 48.256 ug/L

RT: 4.117 min Scan# 3

Delta R.T. -0.012 min

Lab File: VW025031.D

Acq: 10 Nov 2022 08:08

Instrument :

MSVOA_W

ClientSampleId :

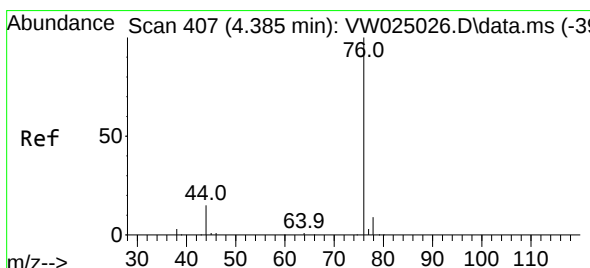
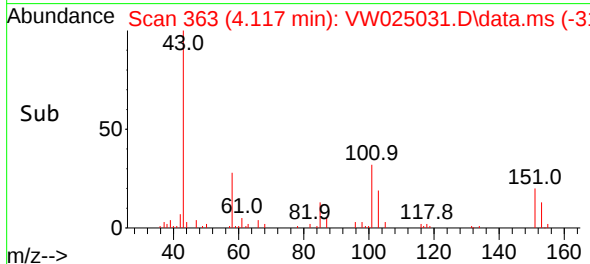
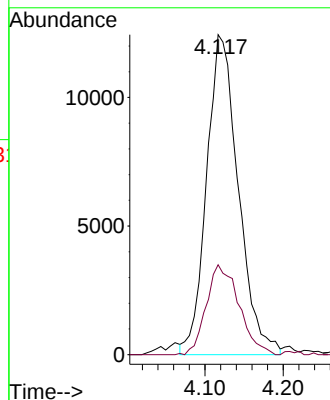
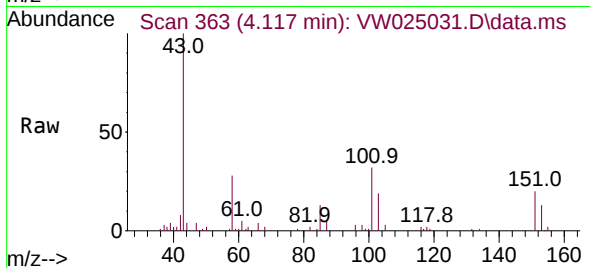
VSTD025491

Tgt Ion: 43 Resp: 34977

Ion Ratio Lower Upper

43 100

58 28.9 0.0 65.4



#14

Carbon disulfide

Concen: 23.536 ug/L

RT: 4.385 min Scan# 407

Delta R.T. 0.000 min

Lab File: VW025031.D

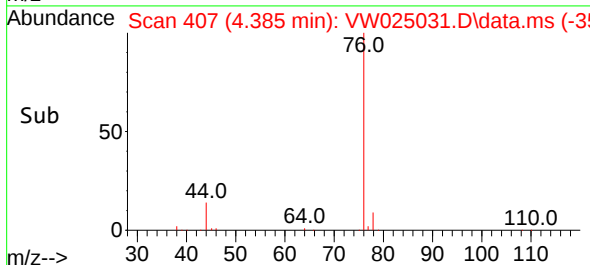
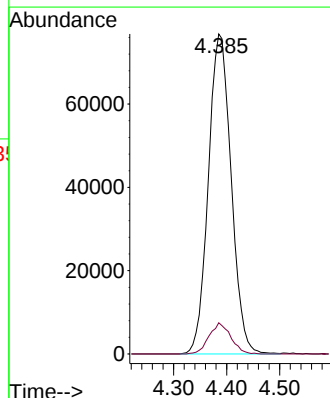
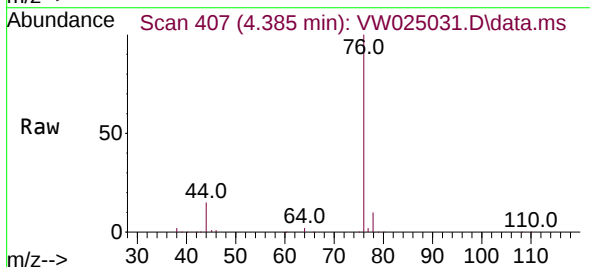
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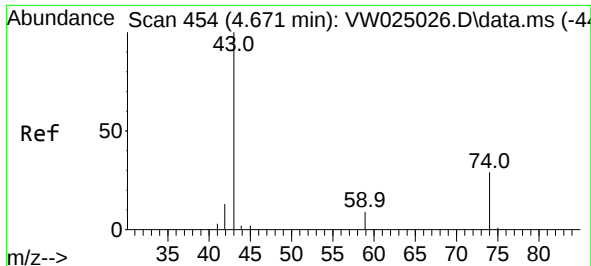
Tgt Ion: 76 Resp: 229699

Ion Ratio Lower Upper

76 100

78 9.7 6.8 10.2

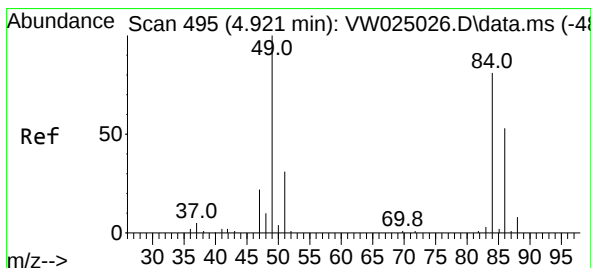
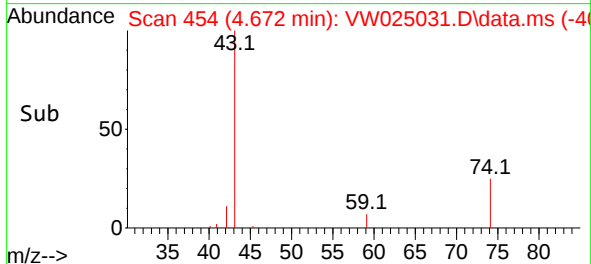
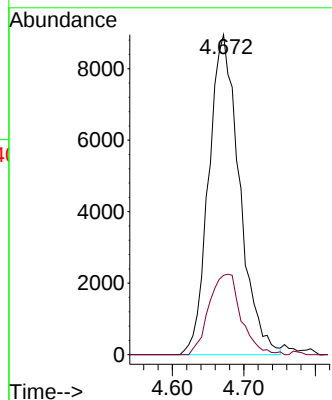
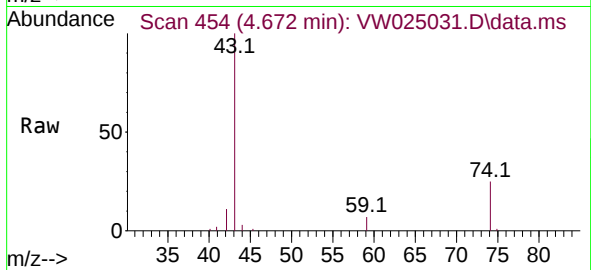




#15
Methyl Acetate
Concen: 18.529 ug/L
RT: 4.672 min Scan# 454
Delta R.T. 0.000 min
Lab File: VW025031.D
Acq: 10 Nov 2022 08:08

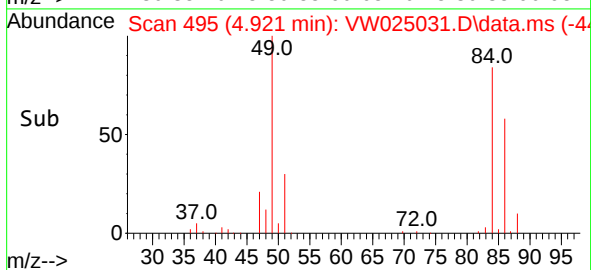
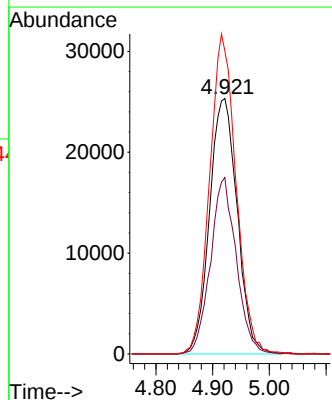
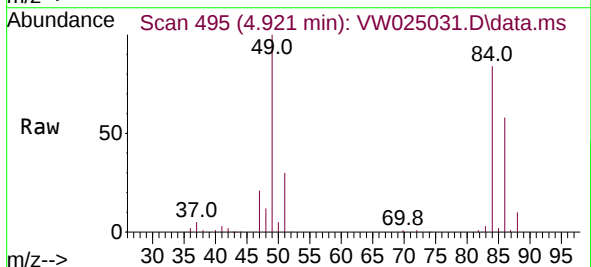
Instrument :
MSVOA_W
ClientSampleId :
VSTD025491

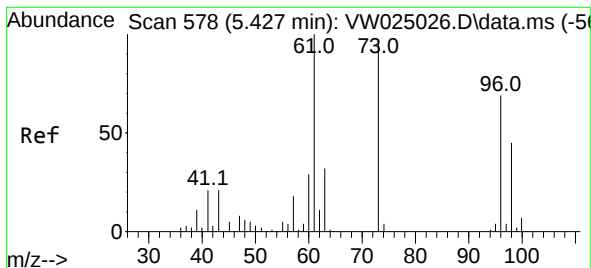
Tgt Ion: 43 Resp: 26739
Ion Ratio Lower Upper
43 100
74 26.1 20.6 30.8



#16
Methylene chloride
Concen: 17.932 ug/L
RT: 4.921 min Scan# 495
Delta R.T. 0.000 min
Lab File: VW025031.D
Acq: 10 Nov 2022 08:08

Tgt Ion: 84 Resp: 85754
Ion Ratio Lower Upper
84 100
86 69.1 42.6 79.0
49 118.6 81.9 152.1





#17

trans-1,2-Dichloroethene

Concen: 24.421 ug/L

RT: 5.427 min Scan# 578

Delta R.T. 0.000 min

Lab File: VW025031.D

Acq: 10 Nov 2022 08:08

Instrument :

MSVOA_W

ClientSampleId :

VSTD025491

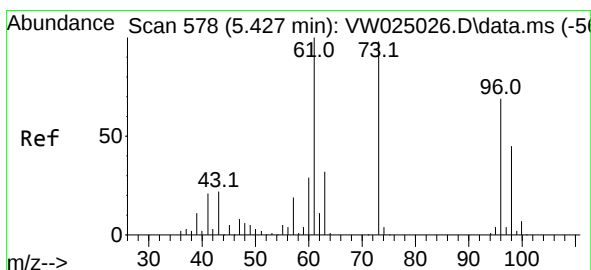
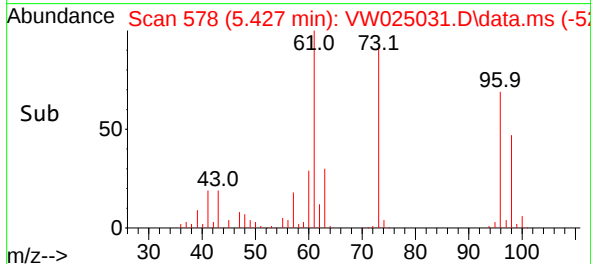
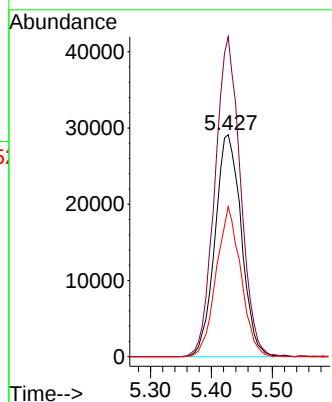
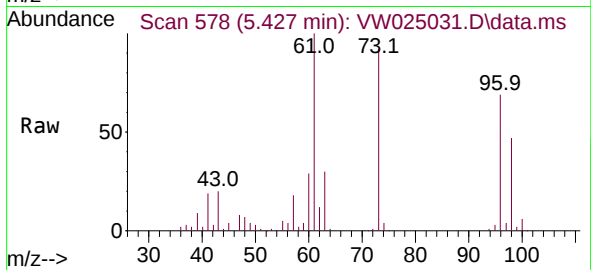
Tgt Ion: 96 Resp: 87364

Ion Ratio Lower Upper

96 100

61 144.2 97.6 181.2

98 67.6 46.8 86.8



#18

Methyl tert-butyl Ether

Concen: 22.486 ug/L

RT: 5.427 min Scan# 578

Delta R.T. 0.000 min

Lab File: VW025031.D

Acq: 10 Nov 2022 08:08

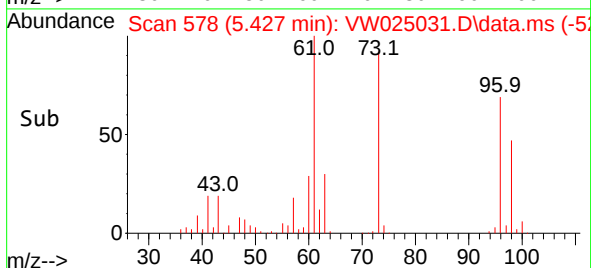
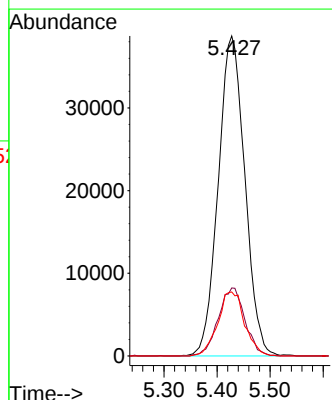
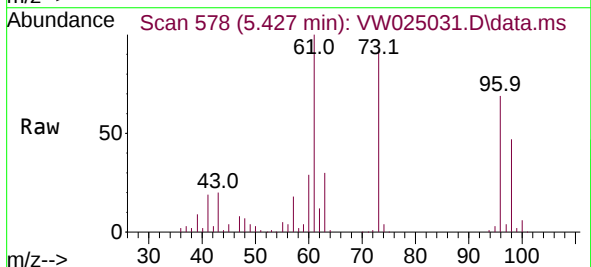
Tgt Ion: 73 Resp: 134938

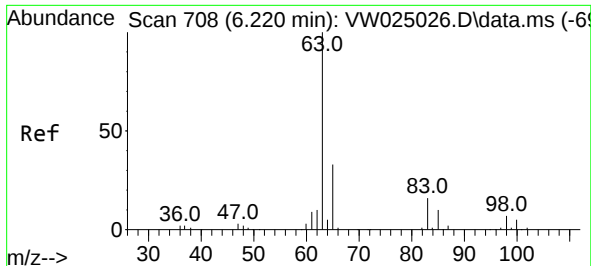
Ion Ratio Lower Upper

73 100

43 21.3 16.6 24.8

57 20.2 17.1 25.7





#19

1,1-Dichloroethane

Concen: 24.324 ug/L

RT: 6.214 min Scan# 708

Delta R.T. -0.006 min

Lab File: VW025031.D

Acq: 10 Nov 2022 08:08

Instrument :

MSVOA_W

ClientSampleId :

VSTD025491

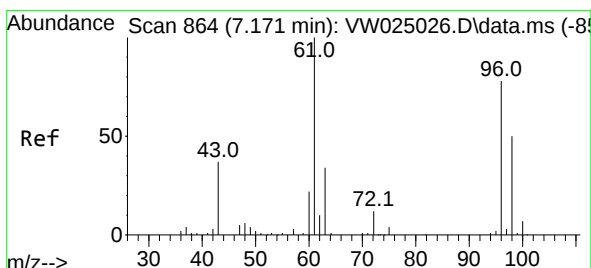
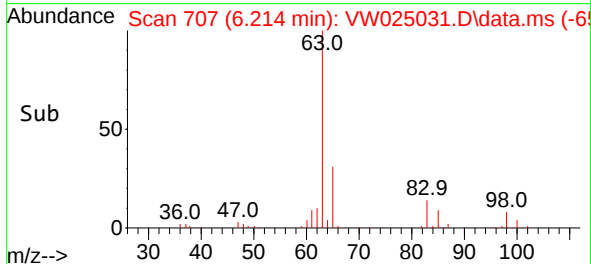
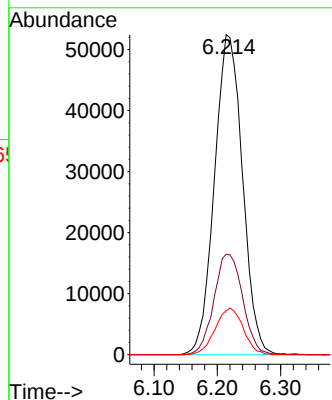
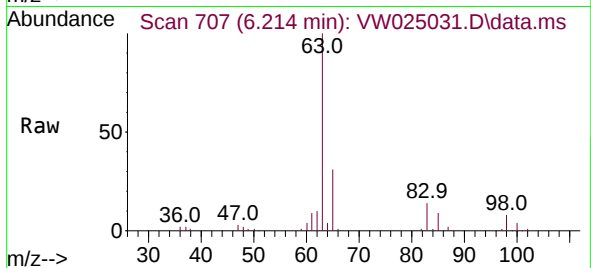
Tgt Ion: 63 Resp: 161106

Ion Ratio Lower Upper

63 100

65 31.4 22.2 41.2

83 13.7 9.7 17.9



#20

cis-1,2-Dichloroethene

Concen: 24.509 ug/L

RT: 7.171 min Scan# 864

Delta R.T. 0.000 min

Lab File: VW025031.D

Acq: 10 Nov 2022 08:08

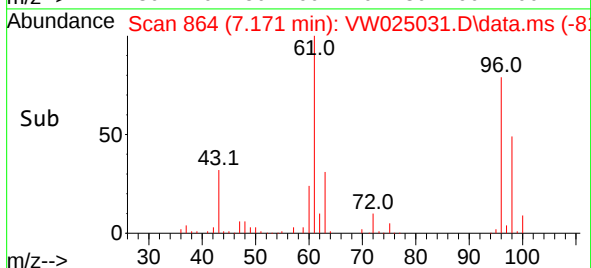
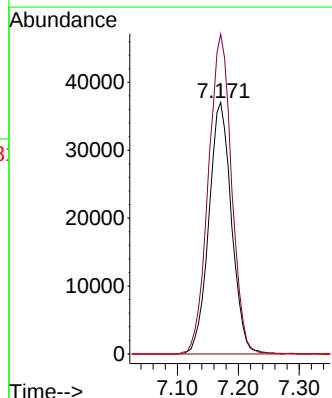
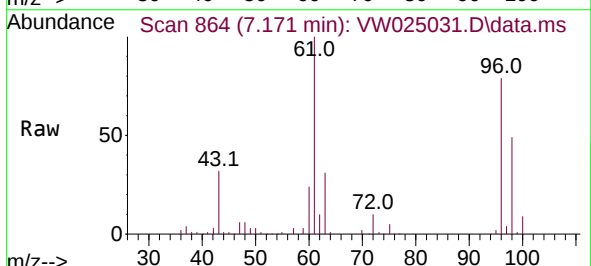
Tgt Ion: 96 Resp: 95565

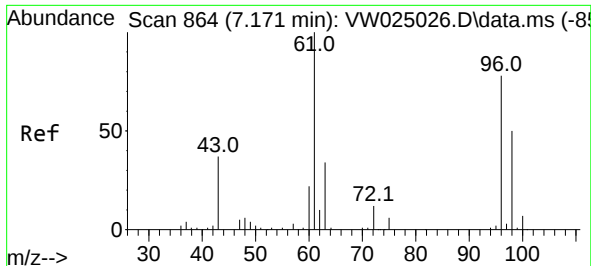
Ion Ratio Lower Upper

96 100

61 127.2 91.8 170.6

68 0.0 0.0 0.0





#22

2-Butanone

Concen: 37.527 ug/L

RT: 7.171 min Scan# 864

Delta R.T. 0.000 min

Lab File: VW025031.D

Acq: 10 Nov 2022 08:08

Instrument :

MSVOA_W

ClientSampleId :

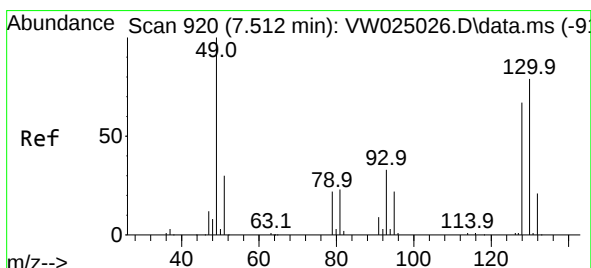
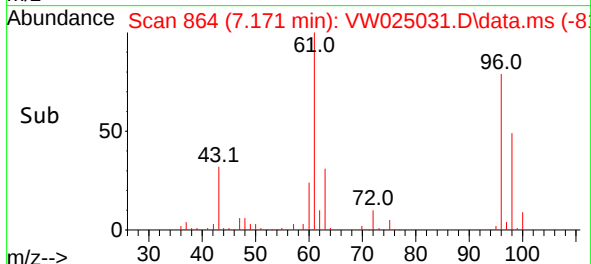
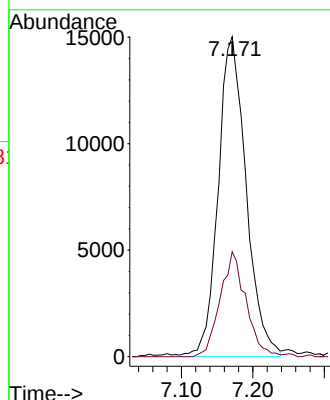
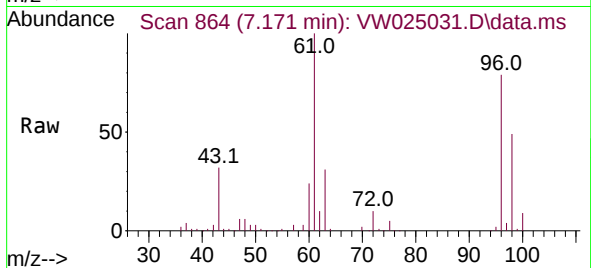
VSTD025491

Tgt Ion: 43 Resp: 40752

Ion Ratio Lower Upper

43 100

72 30.2 14.6 44.0



#23

Bromochloromethane

Concen: 23.854 ug/L

RT: 7.512 min Scan# 920

Delta R.T. 0.000 min

Lab File: VW025031.D

Acq: 10 Nov 2022 08:08

Tgt Ion: 128 Resp: 40322

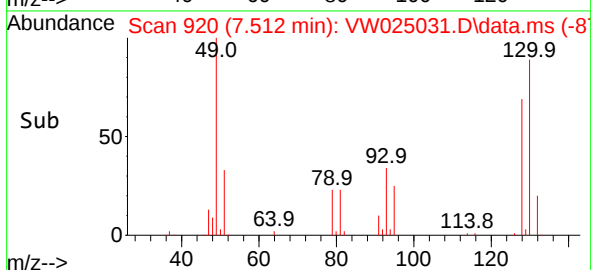
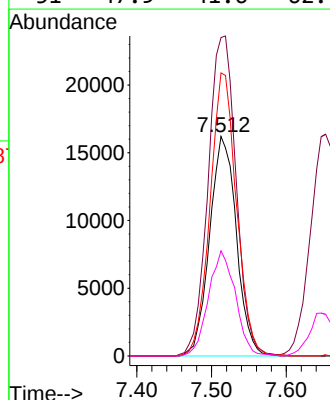
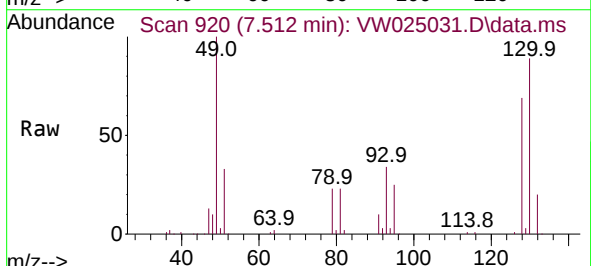
Ion Ratio Lower Upper

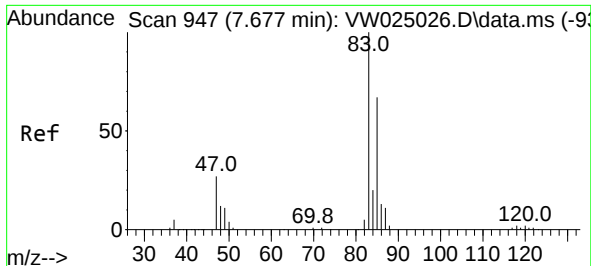
128 100

49 145.1 112.8 209.4

130 129.0 86.2 160.2

51 47.9 41.6 62.4

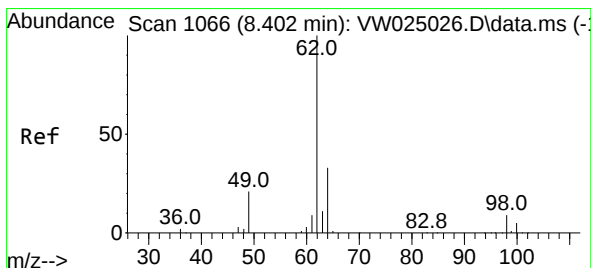
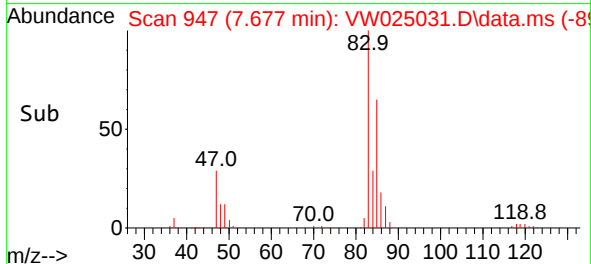
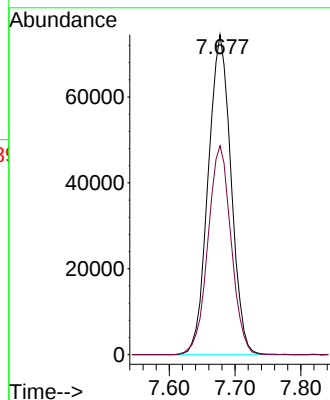
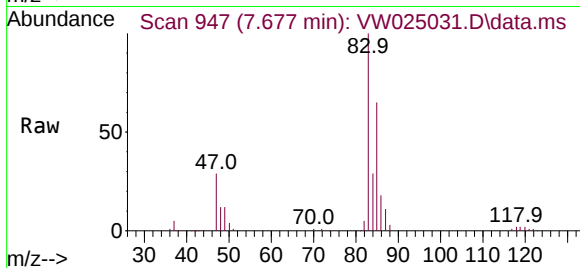




#25
Chloroform
Concen: 25.758 ug/L
RT: 7.677 min Scan# 947
Delta R.T. 0.000 min
Lab File: VW025031.D
Acq: 10 Nov 2022 08:08

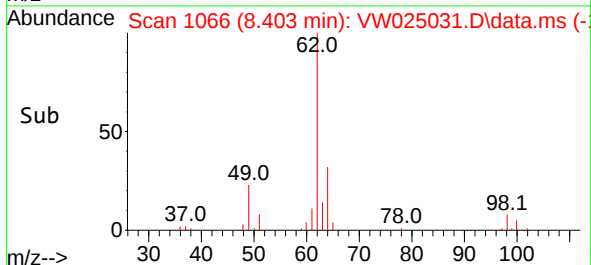
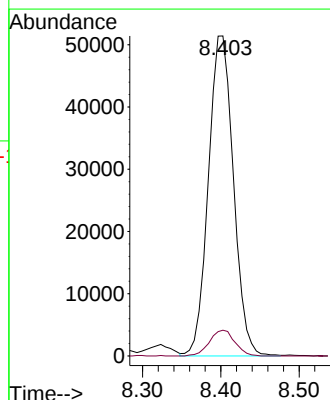
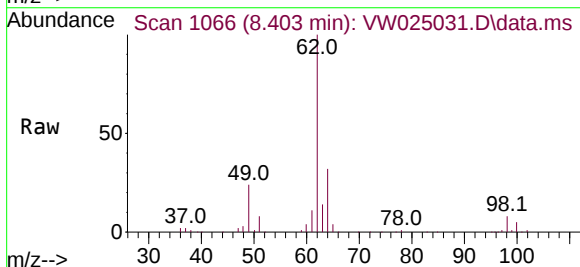
Instrument :
MSVOA_W
ClientSampleId :
VSTD025491

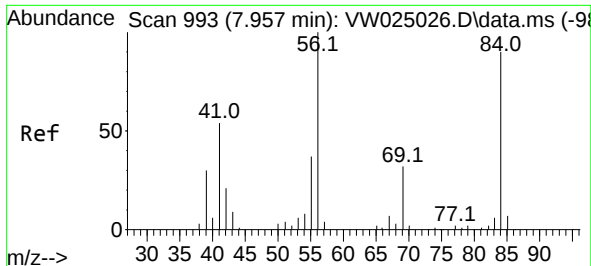
Tgt Ion: 83 Resp: 180056
Ion Ratio Lower Upper
83 100
85 65.3 47.5 88.3



#27
1,2-Dichloroethane
Concen: 24.146 ug/L
RT: 8.403 min Scan# 1066
Delta R.T. 0.000 min
Lab File: VW025031.D
Acq: 10 Nov 2022 08:08

Tgt Ion: 62 Resp: 114489
Ion Ratio Lower Upper
62 100
98 8.1 7.0 10.4





#29

Cyclohexane

Concen: 24.218 ug/L

RT: 7.958 min Scan# 993

Delta R.T. 0.000 min

Lab File: VW025031.D

Acq: 10 Nov 2022 08:08

Instrument :

MSVOA_W

ClientSampleId :

VSTD025491

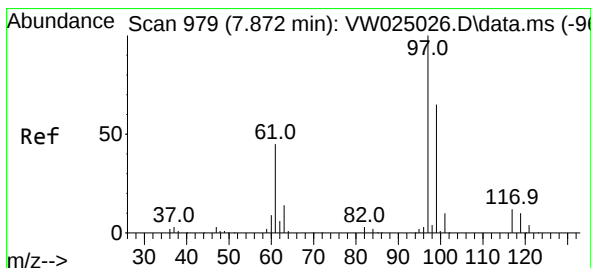
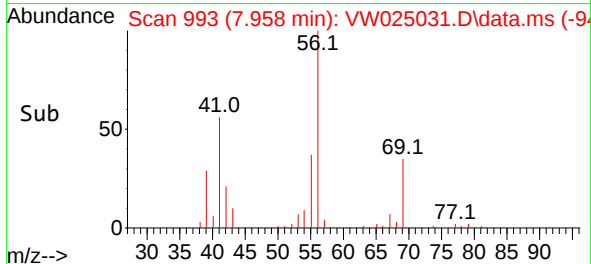
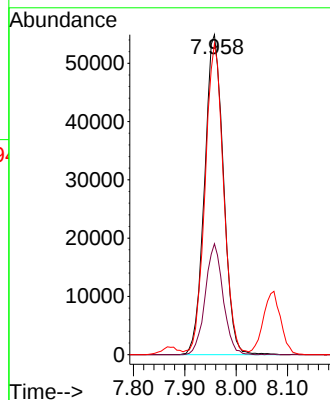
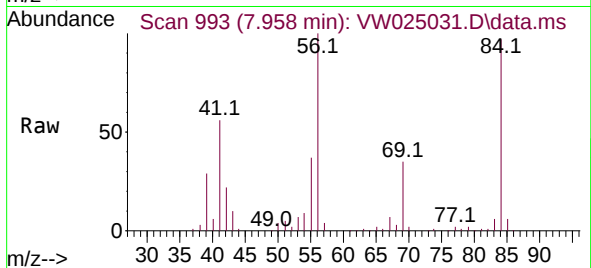
Tgt Ion: 56 Resp: 140285

Ion Ratio Lower Upper

56 100

69 32.7 25.0 37.4

84 95.6 72.6 108.8



#30

1,1,1-Trichloroethane

Concen: 27.146 ug/L

RT: 7.872 min Scan# 979

Delta R.T. 0.000 min

Lab File: VW025031.D

Acq: 10 Nov 2022 08:08

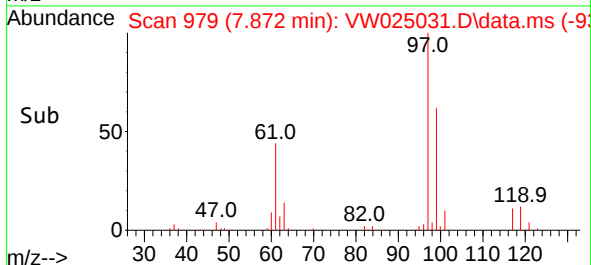
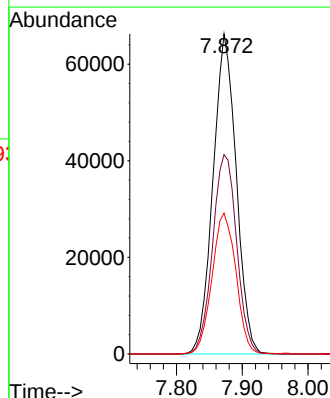
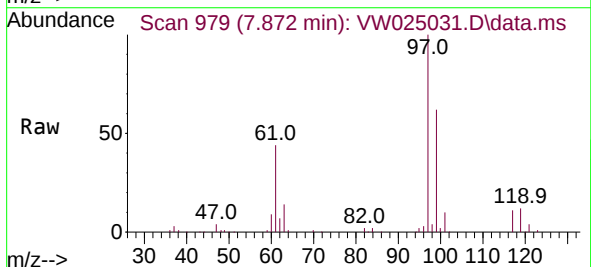
Tgt Ion: 97 Resp: 162968

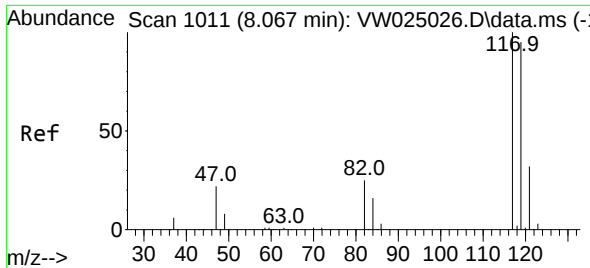
Ion Ratio Lower Upper

97 100

99 64.6 51.8 77.8

61 45.3 36.6 54.8

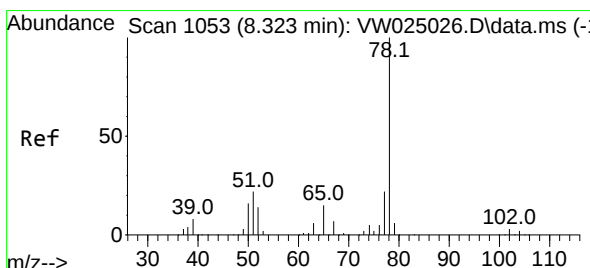
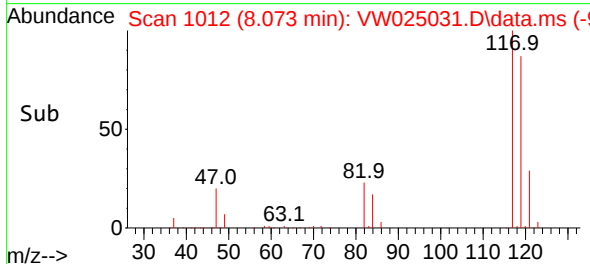
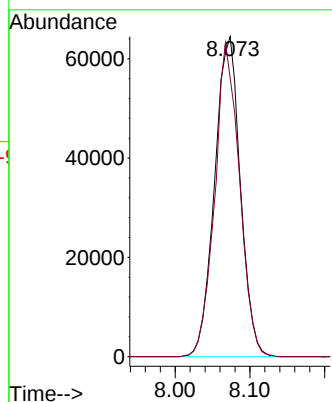
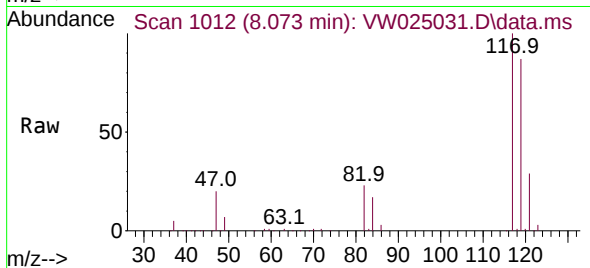




#31
Carbon tetrachloride
Concen: 28.726 ug/L
RT: 8.073 min Scan# 1011
Delta R.T. 0.006 min
Lab File: VW025031.D
Acq: 10 Nov 2022 08:08

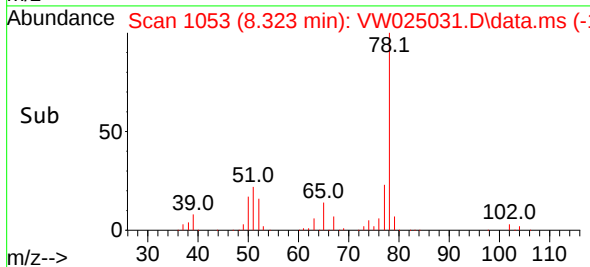
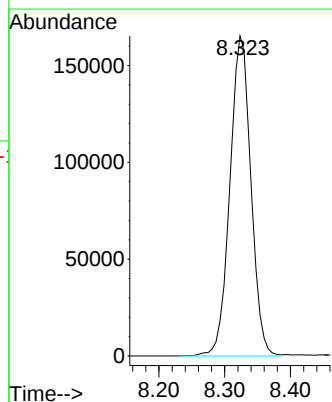
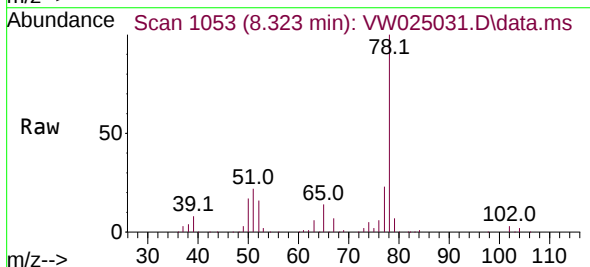
Instrument :
MSVOA_W
ClientSampleId :
VSTD025491

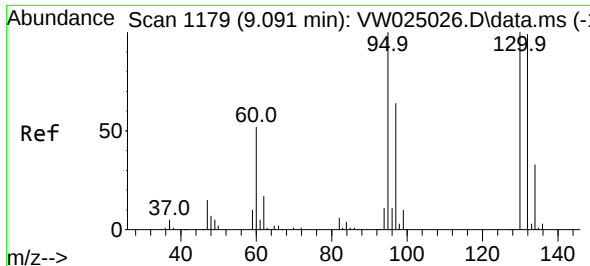
Tgt Ion:117 Resp: 154100
Ion Ratio Lower Upper
117 100
119 94.4 77.7 116.5



#33
Benzene
Concen: 24.864 ug/L
RT: 8.323 min Scan# 1053
Delta R.T. 0.000 min
Lab File: VW025031.D
Acq: 10 Nov 2022 08:08

Tgt Ion: 78 Resp: 367307

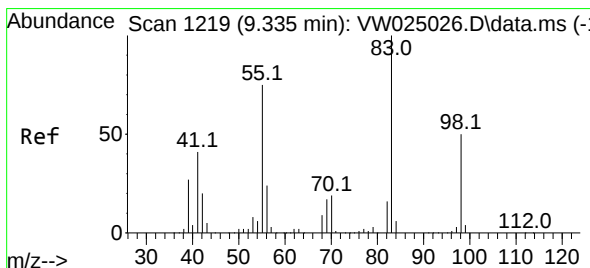
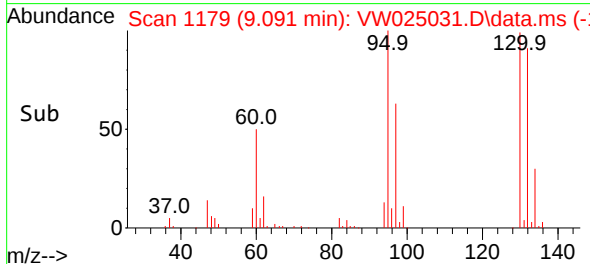
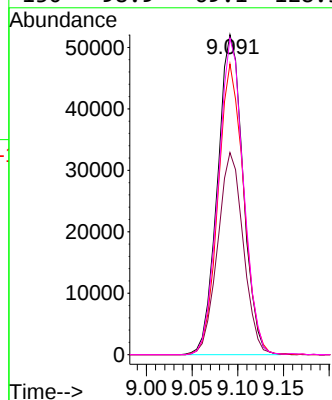
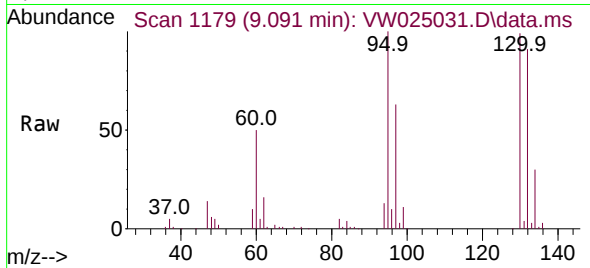




#34
Trichloroethene
Concen: 25.939 ug/L
RT: 9.091 min Scan# 1179
Delta R.T. 0.000 min
Lab File: VW025031.D
Acq: 10 Nov 2022 08:08

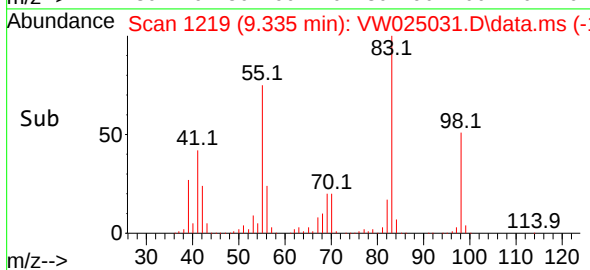
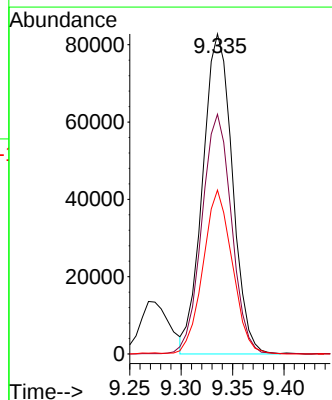
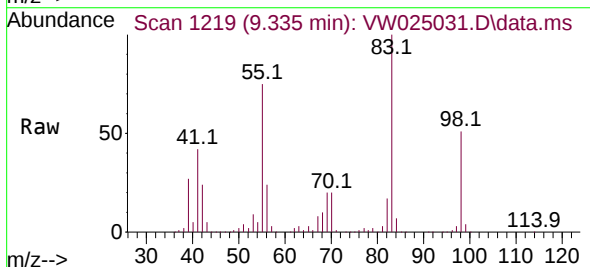
Instrument :
MSVOA_W
ClientSampleId :
VSTD025491

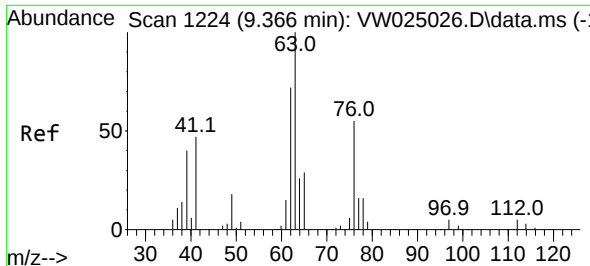
Tgt Ion: 95 Resp: 101440
Ion Ratio Lower Upper
95 100
97 63.1 44.7 83.1
132 90.9 62.6 116.2
130 98.9 69.1 128.3



#35
Methylcyclohexane
Concen: 25.037 ug/L
RT: 9.335 min Scan# 1219
Delta R.T. 0.000 min
Lab File: VW025031.D
Acq: 10 Nov 2022 08:08

Tgt Ion: 83 Resp: 166366
Ion Ratio Lower Upper
83 100
55 74.8 60.4 90.6
98 50.6 39.5 59.3

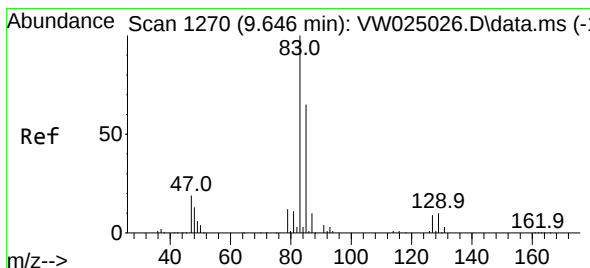
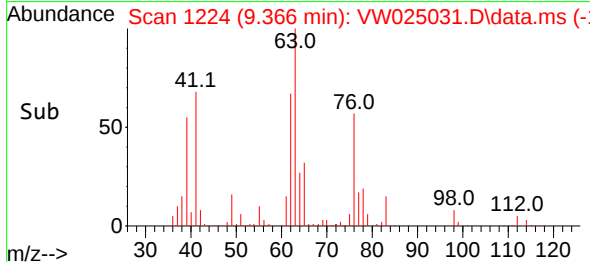
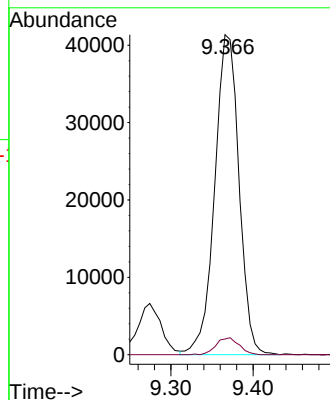
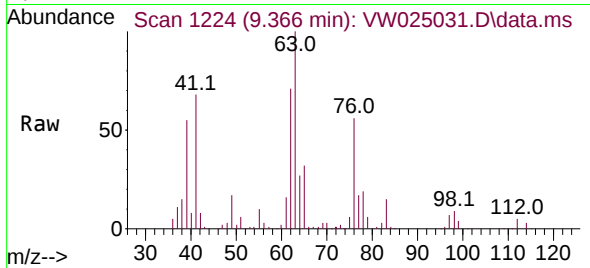




#37
1,2-Dichloropropane
Concen: 23.697 ug/L
RT: 9.366 min Scan# 11
Delta R.T. 0.000 min
Lab File: VW025031.D
Acq: 10 Nov 2022 08:08

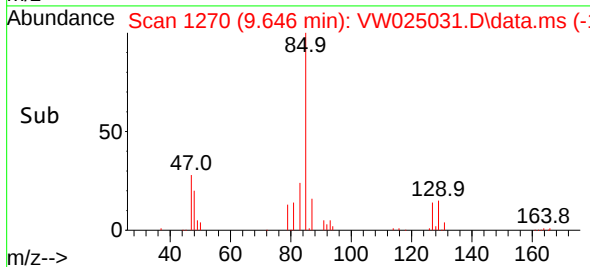
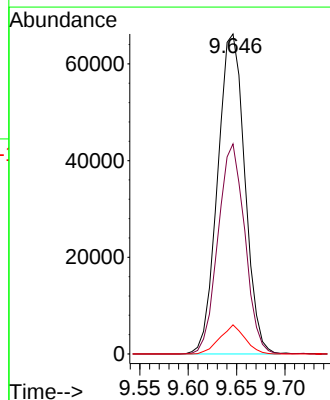
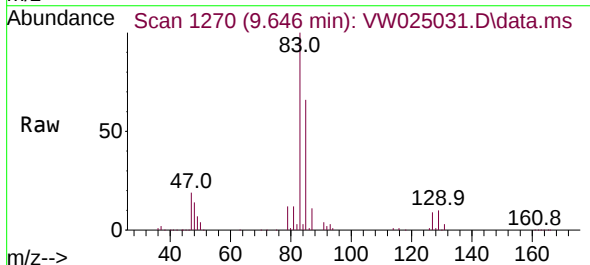
Instrument :
MSVOA_W
ClientSampleId :
VSTD025491

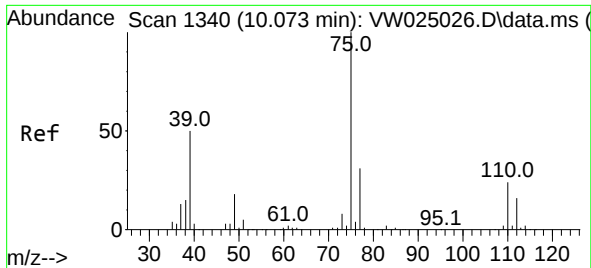
Tgt Ion: 63 Resp: 84966
Ion Ratio Lower Upper
63 100
112 5.0 3.6 5.4



#38
Bromodichloromethane
Concen: 25.817 ug/L
RT: 9.646 min Scan# 1270
Delta R.T. 0.000 min
Lab File: VW025031.D
Acq: 10 Nov 2022 08:08

Tgt Ion: 83 Resp: 129192
Ion Ratio Lower Upper
83 100
85 65.7 45.8 85.0
127 9.1 6.8 10.2

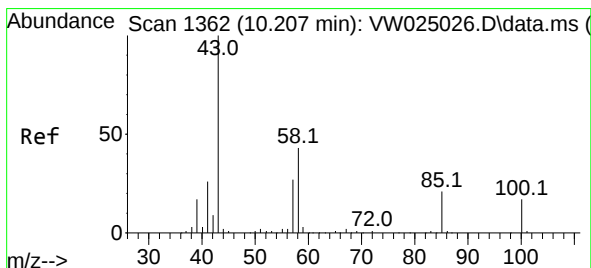
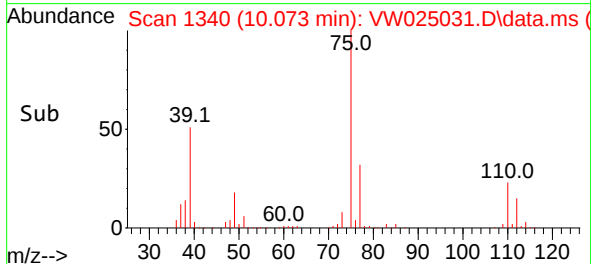
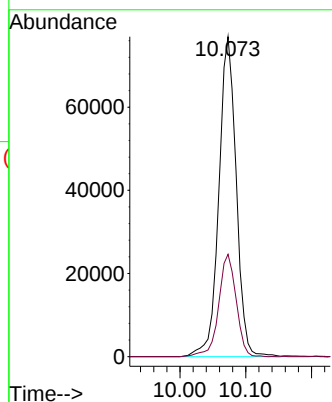
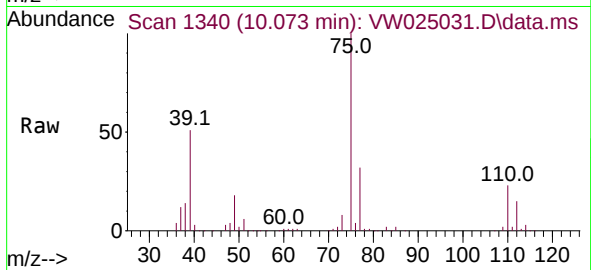




#39
 cis-1,3-Dichloropropene
 Concen: 24.985 ug/L
 RT: 10.073 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VW025031.D
 Acq: 10 Nov 2022 08:08

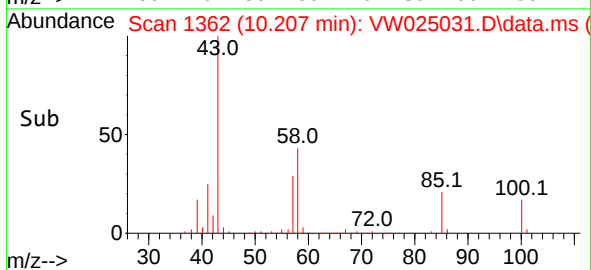
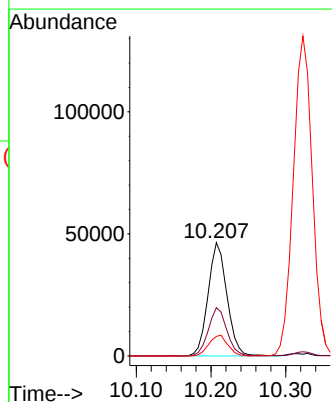
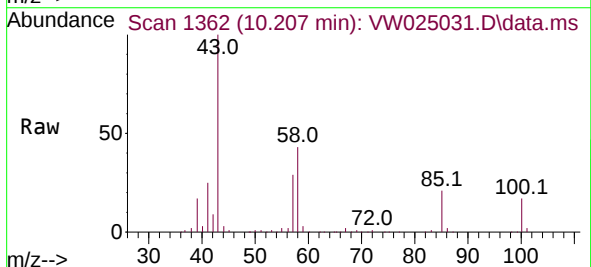
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025491

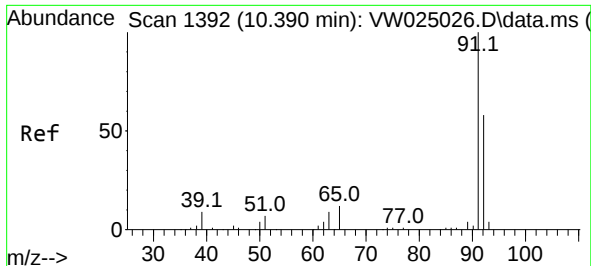
Tgt Ion: 75 Resp: 141623
 Ion Ratio Lower Upper
 75 100
 77 32.0 22.6 42.0



#40
 4-Methyl-2-pentanone
 Concen: 38.793 ug/L
 RT: 10.207 min Scan# 1362
 Delta R.T. 0.000 min
 Lab File: VW025031.D
 Acq: 10 Nov 2022 08:08

Tgt Ion: 43 Resp: 81623
 Ion Ratio Lower Upper
 43 100
 58 41.6 32.6 48.8
 100 18.2 14.0 21.0





#42

Toluene

Concen: 25.225 ug/L

RT: 10.384 min Scan# 1391

Delta R.T. -0.006 min

Lab File: VW025031.D

Acq: 10 Nov 2022 08:08

Instrument :

MSVOA_W

ClientSampleId :

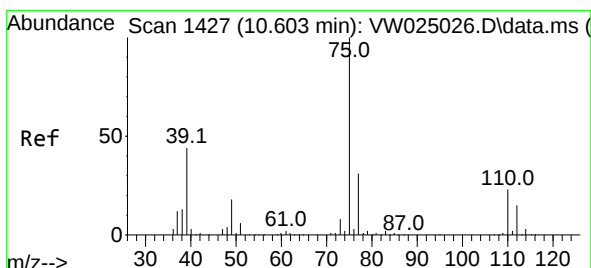
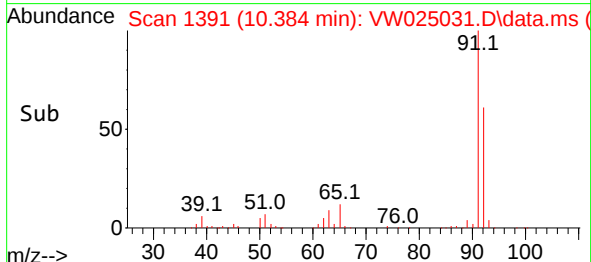
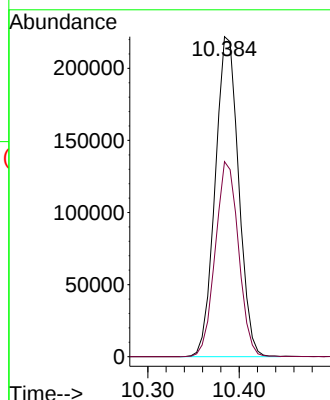
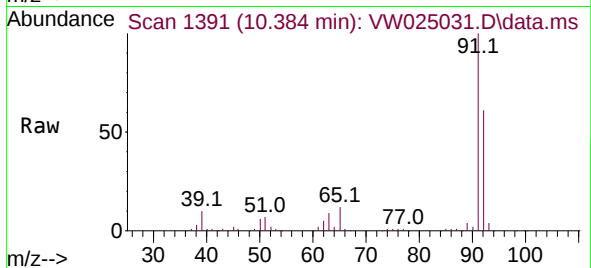
VSTD025491

Tgt Ion: 91 Resp: 395614

Ion Ratio Lower Upper

91 100

92 60.9 38.6 71.8



#44

trans-1,3-Dichloropropene

Concen: 24.330 ug/L

RT: 10.603 min Scan# 1427

Delta R.T. 0.000 min

Lab File: VW025031.D

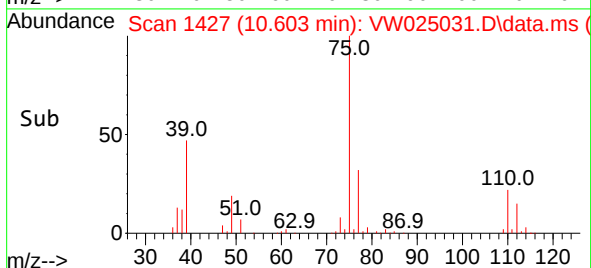
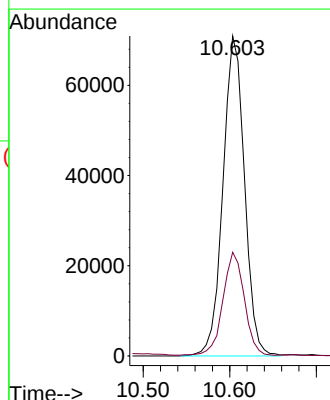
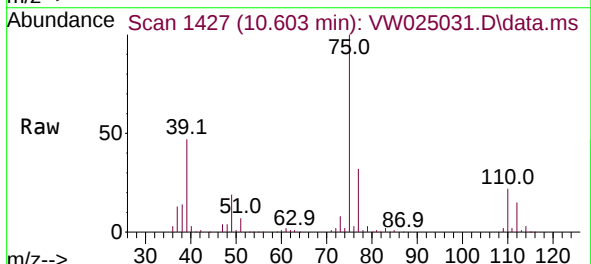
Acq: 10 Nov 2022 08:08

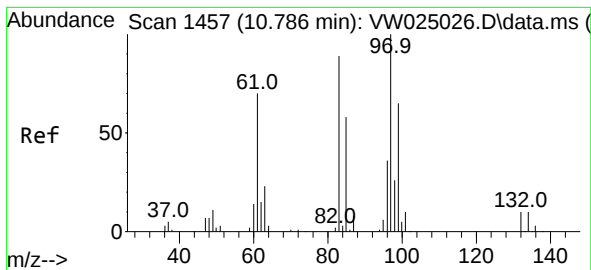
Tgt Ion: 75 Resp: 122601

Ion Ratio Lower Upper

75 100

77 32.4 22.3 41.5





#45

1,1,2-Trichloroethane

Concen: 23.412 ug/L

RT: 10.786 min Scan# 1457

Delta R.T. 0.000 min

Lab File: VW025031.D

Acq: 10 Nov 2022 08:08

Instrument :

MSVOA_W

ClientSampleId :

VSTD025491

Tgt Ion: 97 Resp: 63380

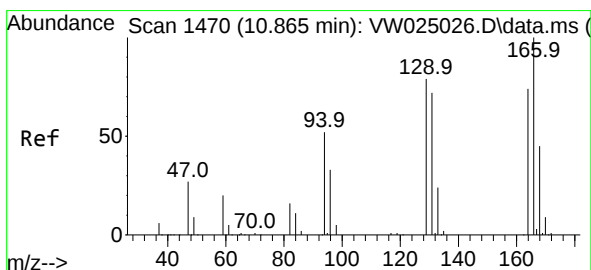
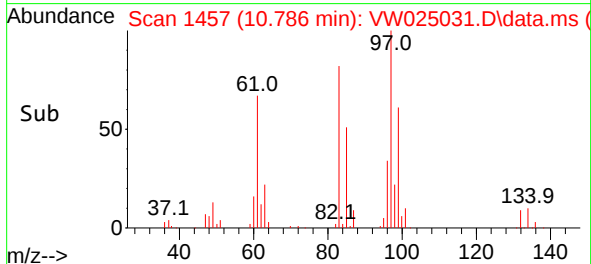
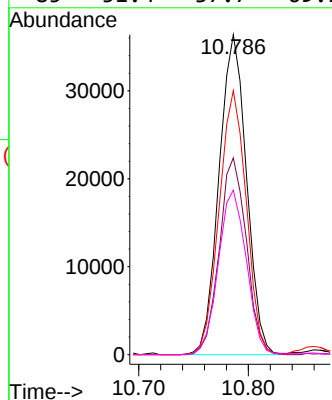
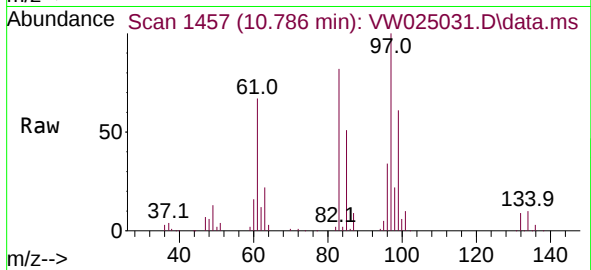
Ion Ratio Lower Upper

97 100

99 61.5 44.0 81.6

83 82.5 59.9 111.3

85 51.4 37.7 69.9



#46

Tetrachloroethene

Concen: 27.345 ug/L

RT: 10.859 min Scan# 1469

Delta R.T. -0.006 min

Lab File: VW025031.D

Acq: 10 Nov 2022 08:08

Tgt Ion:164 Resp: 76477

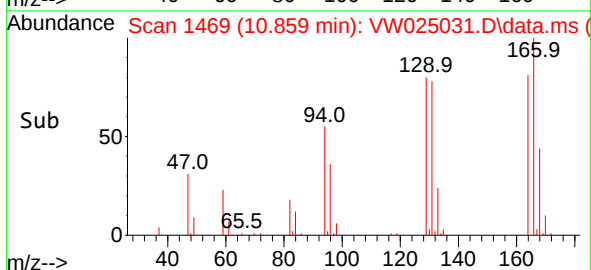
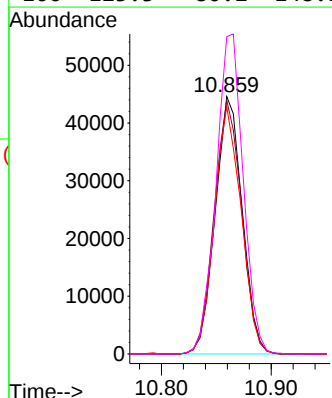
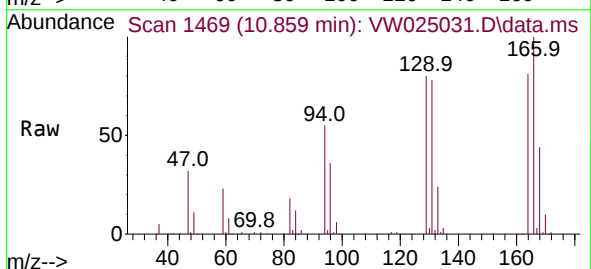
Ion Ratio Lower Upper

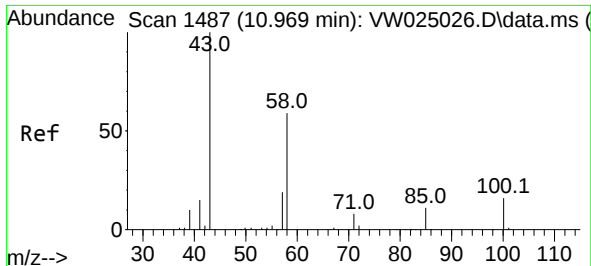
164 100

129 98.5 72.9 135.5

131 96.1 70.1 130.3

166 123.3 80.2 148.9

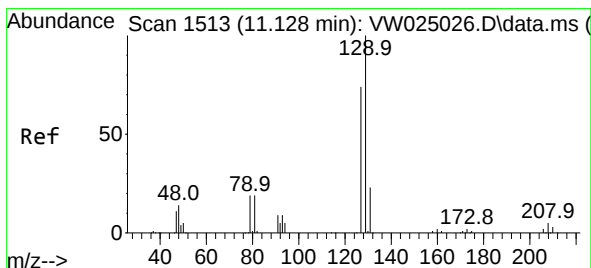
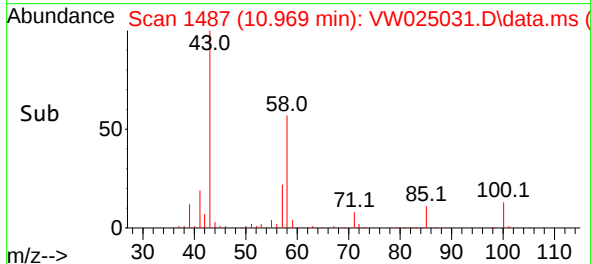
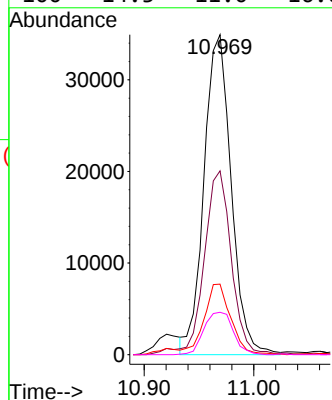
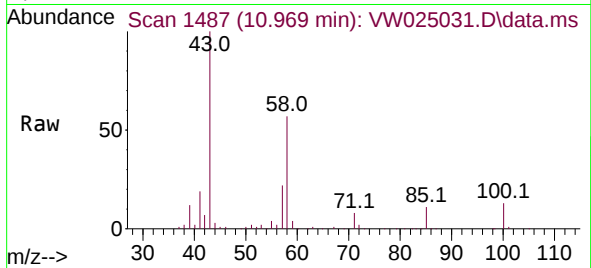




#48
2-Hexanone
Concen: 41.471 ug/L
RT: 10.969 min Scan# 1487
Delta R.T. 0.000 min
Lab File: VW025031.D
Acq: 10 Nov 2022 08:08

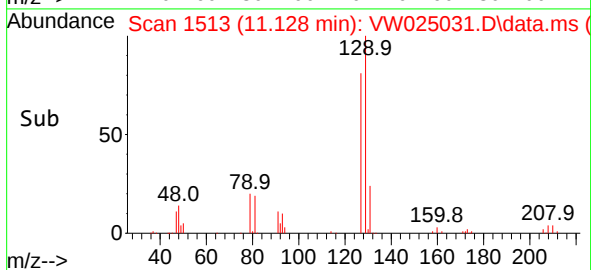
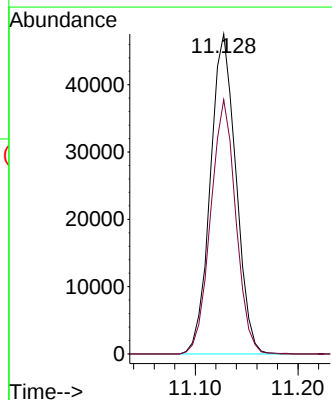
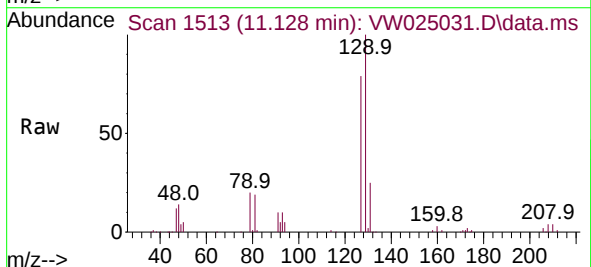
Instrument :
MSVOA_W
ClientSampleId :
VSTD025491

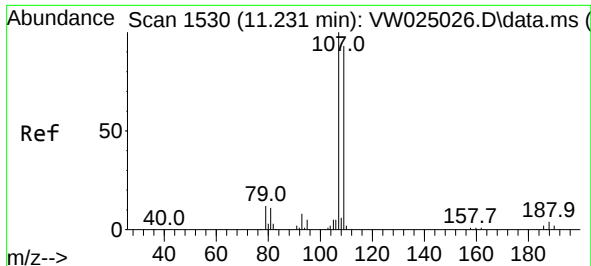
Tgt Ion:	43	Resp:	60346
Ion	Ratio	Lower	Upper
43	100		
58	55.9	46.1	69.1
57	21.6	16.2	24.2
100	14.3	11.0	16.6



#49
Dibromochloromethane
Concen: 24.915 ug/L
RT: 11.128 min Scan# 1513
Delta R.T. 0.000 min
Lab File: VW025031.D
Acq: 10 Nov 2022 08:08

Tgt Ion:	129	Resp:	82220
Ion	Ratio	Lower	Upper
129	100		
127	79.5	53.2	98.8





#50

1,2-Dibromoethane

Concen: 22.928 ug/L

RT: 11.231 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW025031.D

Acq: 10 Nov 2022 08:08

Instrument :

MSVOA_W

ClientSampleId :

VSTD025491

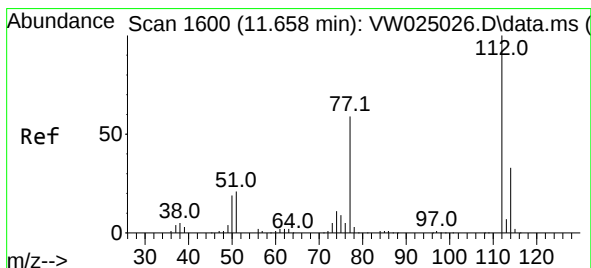
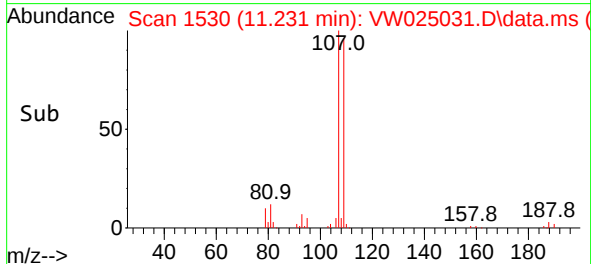
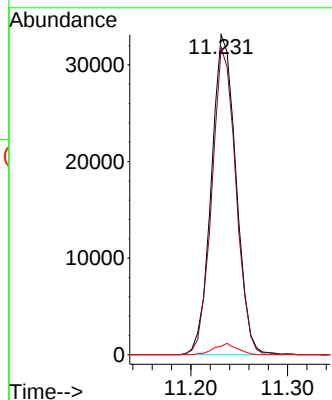
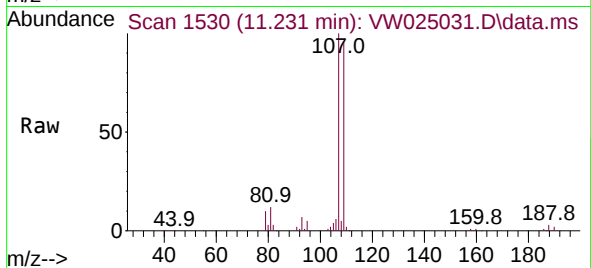
Tgt Ion:107 Resp: 58704

Ion Ratio Lower Upper

107 100

109 96.0 64.5 119.7

188 2.6 2.9 4.3#



#51

Chlorobenzene

Concen: 25.238 ug/L

RT: 11.658 min Scan# 1600

Delta R.T. 0.000 min

Lab File: VW025031.D

Acq: 10 Nov 2022 08:08

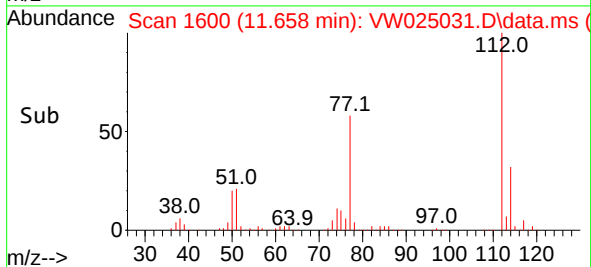
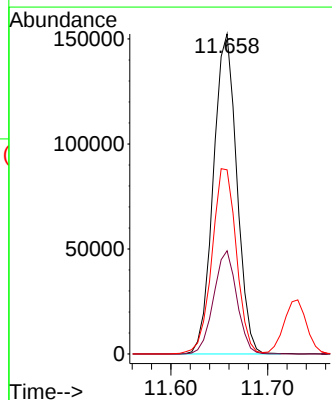
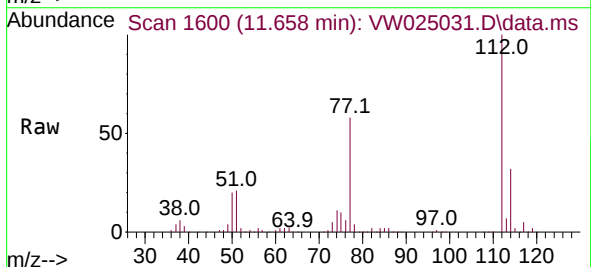
Tgt Ion:112 Resp: 256567

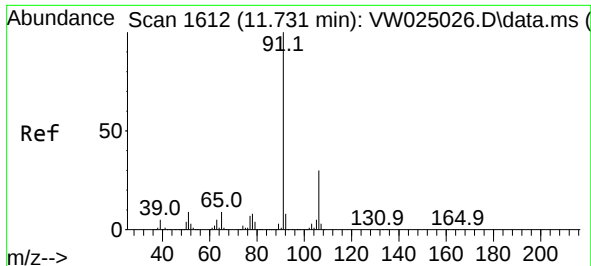
Ion Ratio Lower Upper

112 100

114 32.3 20.8 38.6

77 57.5 48.2 72.2

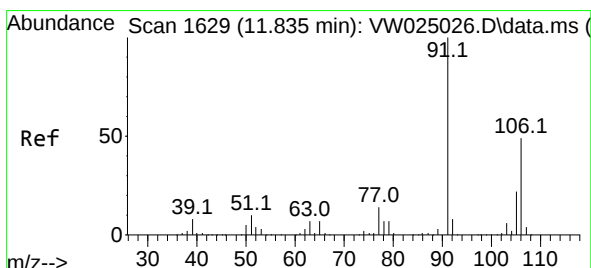
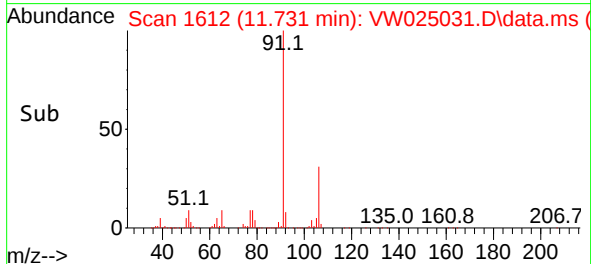
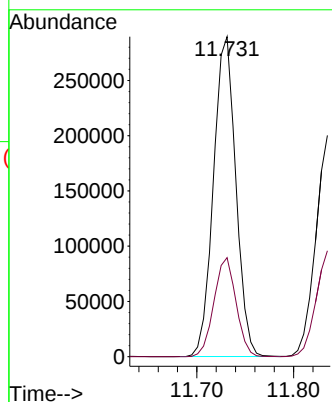
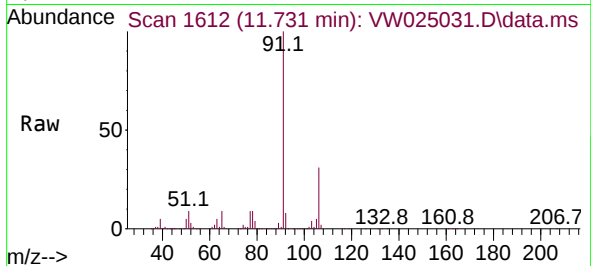




#52
Ethylbenzene
Concen: 25.708 ug/L
RT: 11.731 min Scan# 1612
Delta R.T. 0.000 min
Lab File: VW025031.D
Acq: 10 Nov 2022 08:08

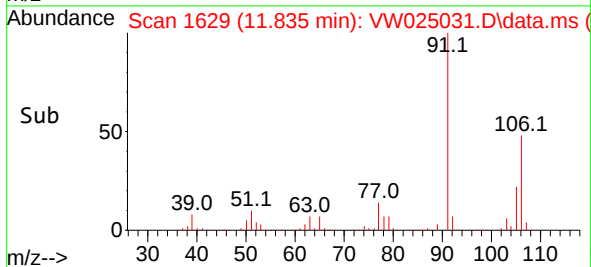
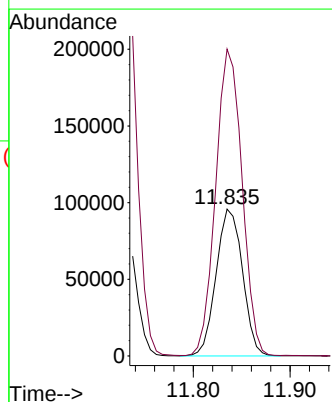
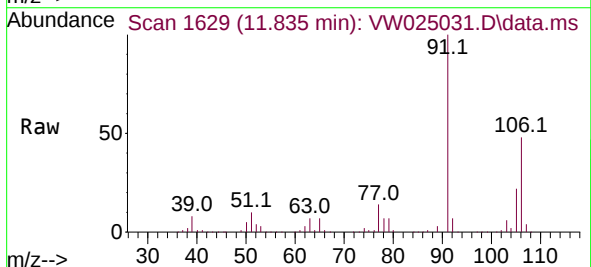
Instrument :
MSVOA_W
ClientSampleId :
VSTD025491

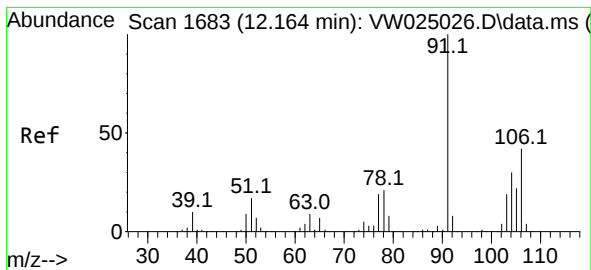
Tgt Ion: 91 Resp: 465402
Ion Ratio Lower Upper
91 100
106 31.0 22.3 41.5



#53
m,p-Xylene
Concen: 25.926 ug/L
RT: 11.835 min Scan# 1629
Delta R.T. 0.000 min
Lab File: VW025031.D
Acq: 10 Nov 2022 08:08

Tgt Ion: 106 Resp: 181680
Ion Ratio Lower Upper
106 100
91 208.9 143.9 267.2





#54

o-Xylene

Concen: 26.057 ug/L

RT: 12.164 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW025031.D

Acq: 10 Nov 2022 08:08

Instrument :

MSVOA_W

ClientSampleId :

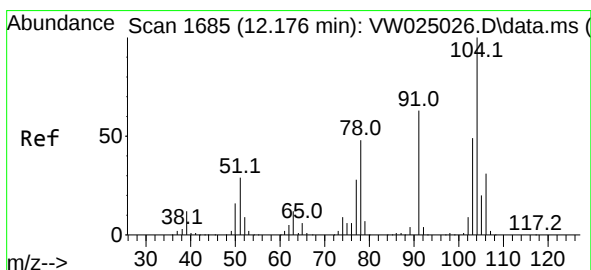
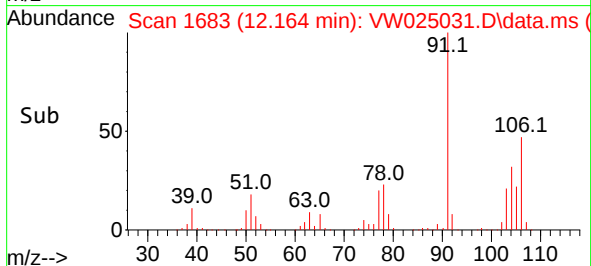
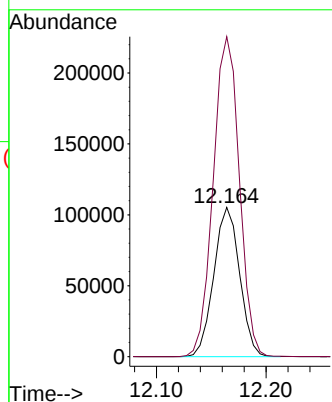
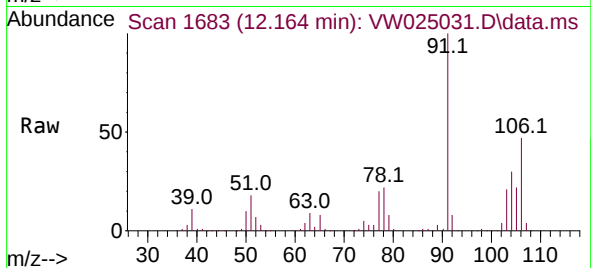
VSTD025491

Tgt Ion:106 Resp: 172268

Ion Ratio Lower Upper

106 100

91 214.4 153.5 285.1



#55

Styrene

Concen: 25.919 ug/L

RT: 12.176 min Scan# 1685

Delta R.T. 0.000 min

Lab File: VW025031.D

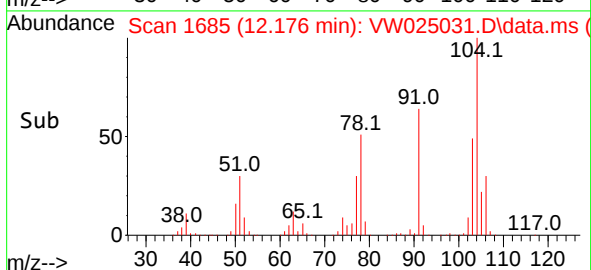
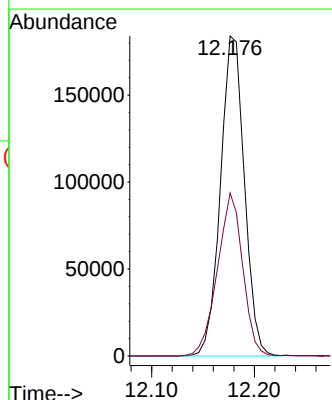
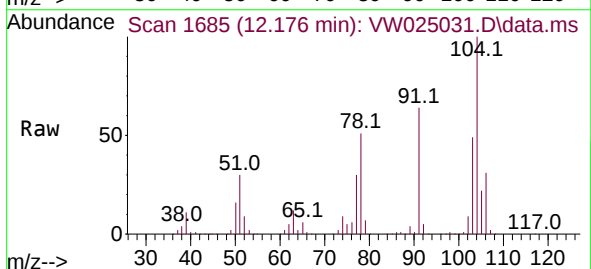
Acq: 10 Nov 2022 08:08

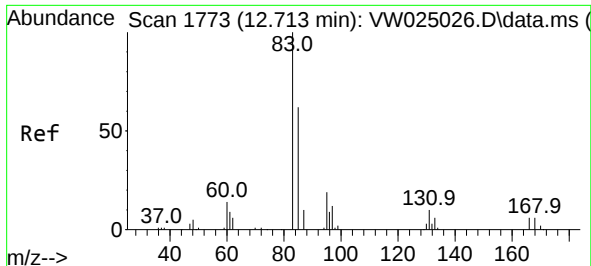
Tgt Ion:104 Resp: 297620

Ion Ratio Lower Upper

104 100

78 50.9 31.3 58.1





#57

1,1,2-Tetrachloroethane

Concen: 22.037 ug/L

RT: 12.713 min Scan# 1773

Delta R.T. 0.000 min

Lab File: VW025031.D

Acq: 10 Nov 2022 08:08

Instrument :

MSVOA_W

ClientSampleId :

VSTD025491

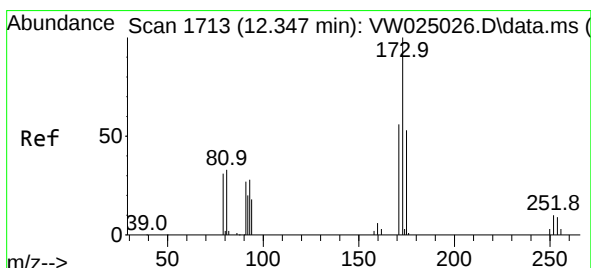
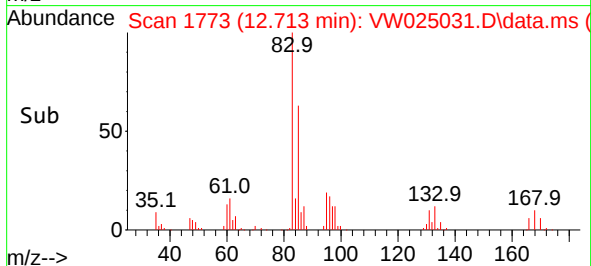
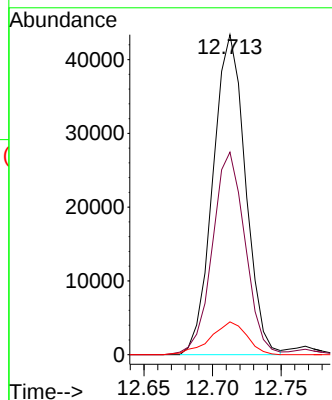
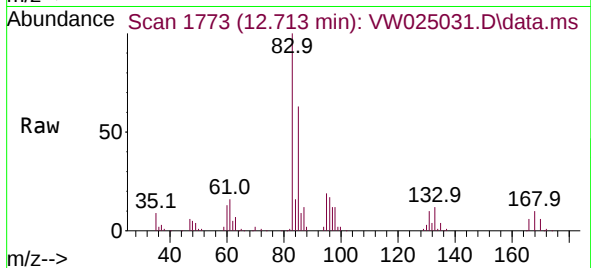
Tgt Ion: 83 Resp: 71567

Ion Ratio Lower Upper

83 100

85 63.3 46.4 86.2

131 10.3 8.2 12.4



#59

Bromoform

Concen: 24.069 ug/L

RT: 12.347 min Scan# 1713

Delta R.T. 0.000 min

Lab File: VW025031.D

Acq: 10 Nov 2022 08:08

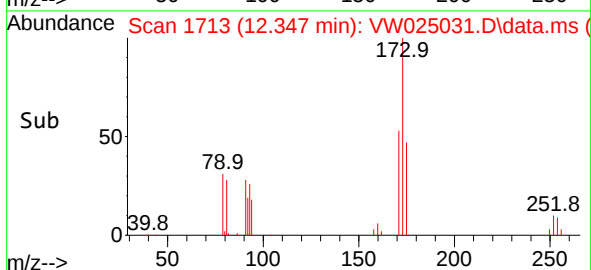
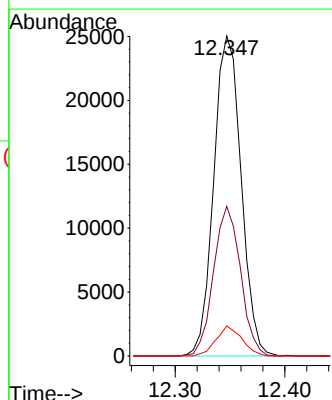
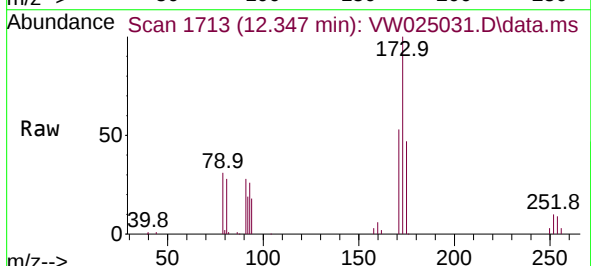
Tgt Ion:173 Resp: 43495

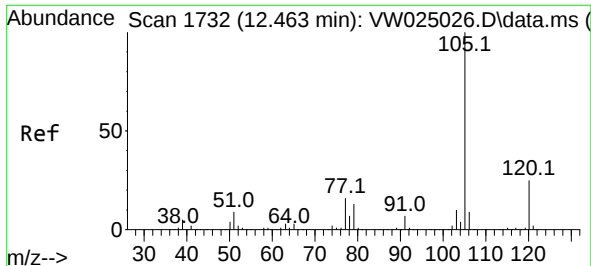
Ion Ratio Lower Upper

173 100

175 46.0 37.4 56.2

254 8.8 5.8 8.8#

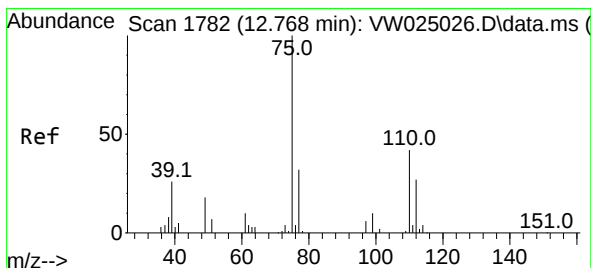
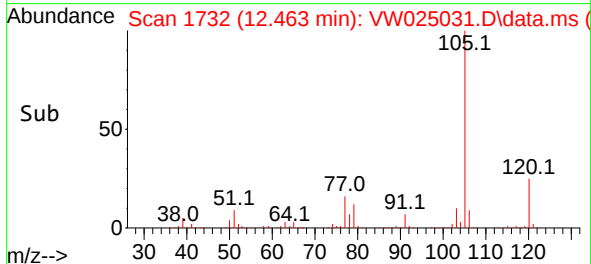
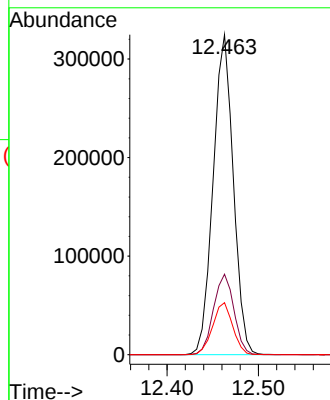
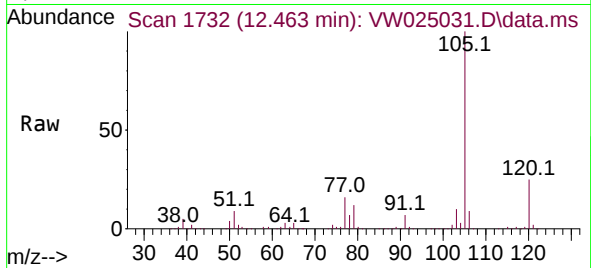




#60
Isopropylbenzene
Concen: 25.883 ug/L
RT: 12.463 min Scan# 1732
Delta R.T. 0.000 min
Lab File: VW025031.D
Acq: 10 Nov 2022 08:08

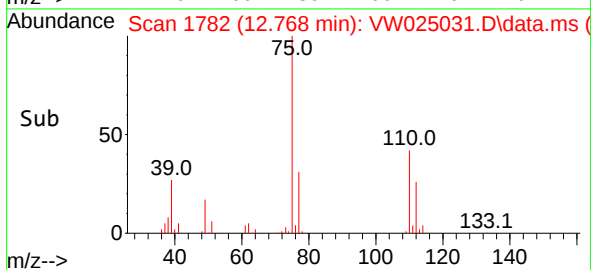
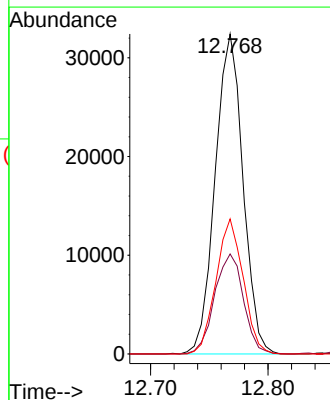
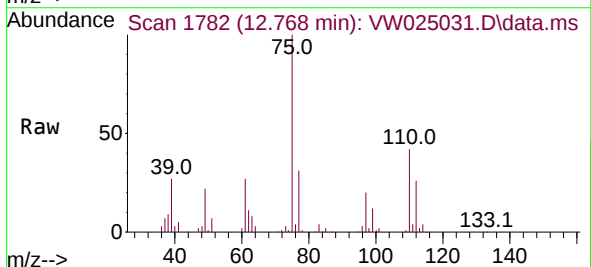
Instrument :
MSVOA_W
ClientSampleId :
VSTD025491

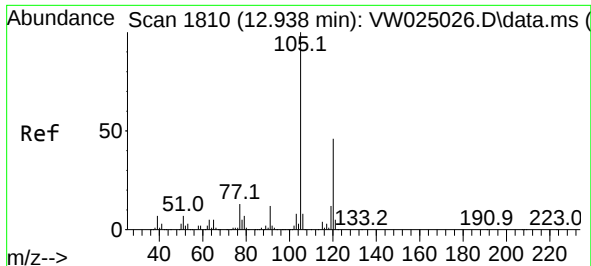
Tgt Ion:105 Resp: 497191
Ion Ratio Lower Upper
105 100
120 25.5 20.8 31.2
77 16.2 13.0 19.4



#61
1,2,3-Trichloropropane
Concen: 20.750 ug/L
RT: 12.768 min Scan# 1782
Delta R.T. 0.000 min
Lab File: VW025031.D
Acq: 10 Nov 2022 08:08

Tgt Ion: 75 Resp: 53262
Ion Ratio Lower Upper
75 100
77 32.5 25.7 38.5
110 41.2 31.7 47.5





#62

1,3,5-Trimethylbenzene

Concen: 25.978 ug/L

RT: 12.938 min Scan# 1810

Delta R.T. 0.000 min

Lab File: VW025031.D

Acq: 10 Nov 2022 08:08

Instrument :

MSVOA_W

ClientSampleId :

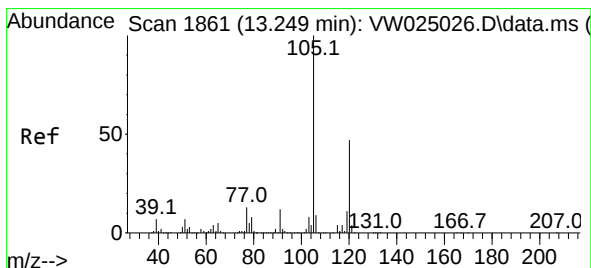
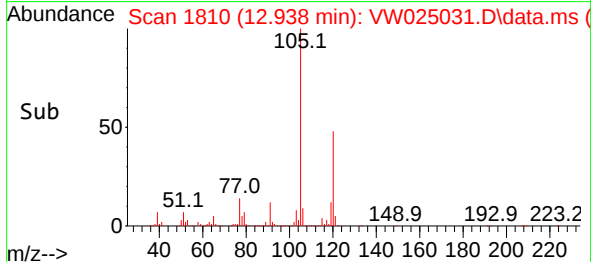
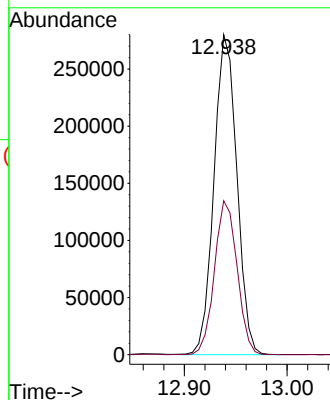
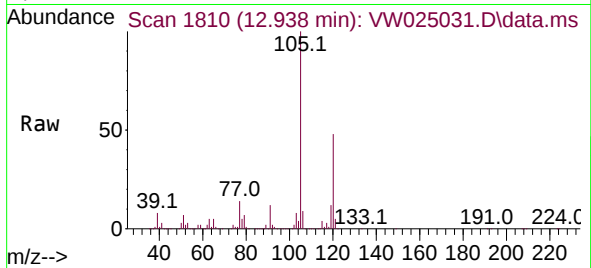
VSTD025491

Tgt Ion:105 Resp: 433178

Ion Ratio Lower Upper

105 100

120 47.6 37.6 56.4



#63

1,2,4-Trimethylbenzene

Concen: 26.269 ug/L

RT: 13.249 min Scan# 1861

Delta R.T. 0.000 min

Lab File: VW025031.D

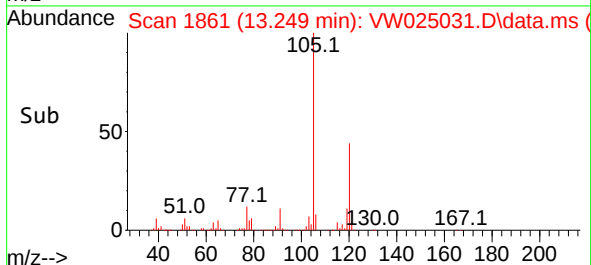
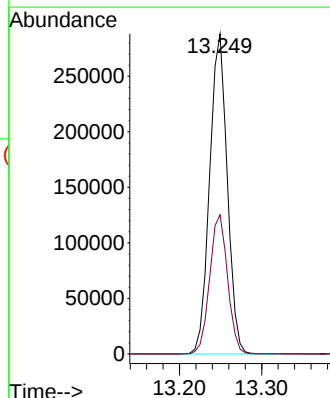
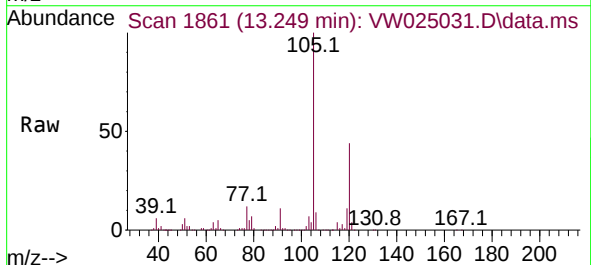
Acq: 10 Nov 2022 08:08

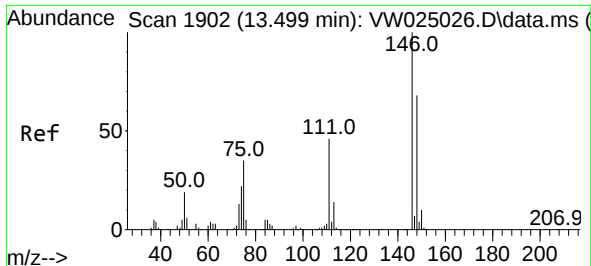
Tgt Ion:105 Resp: 429532

Ion Ratio Lower Upper

105 100

120 44.1 35.7 53.5

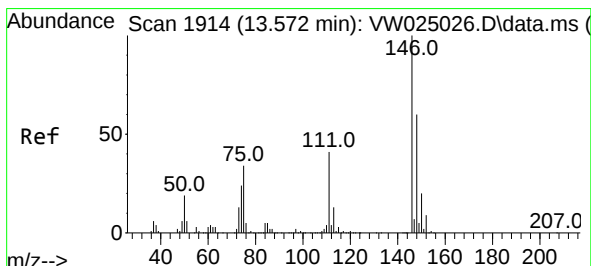
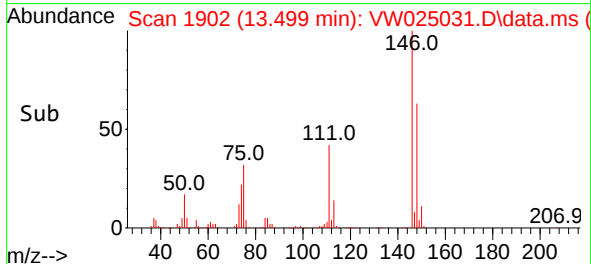
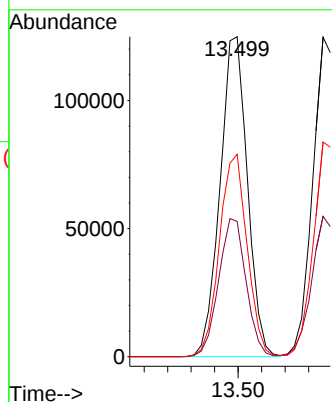
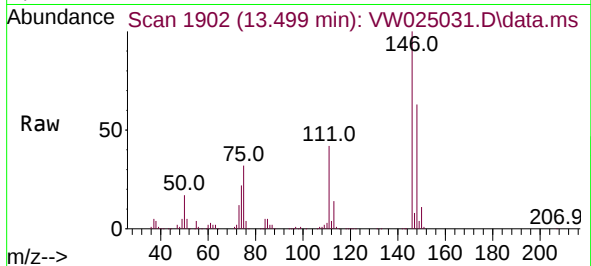




#64
1,3-Dichlorobenzene
Concen: 25.243 ug/L
RT: 13.499 min Scan# 1902
Delta R.T. 0.000 min
Lab File: VW025031.D
Acq: 10 Nov 2022 08:08

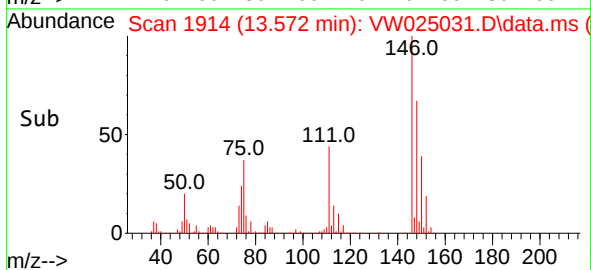
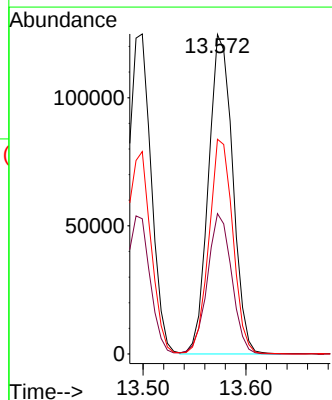
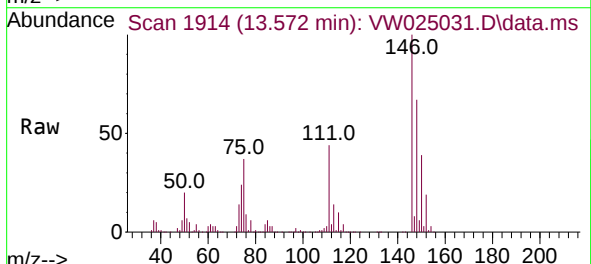
Instrument :
MSVOA_W
ClientSampleId :
VSTD025491

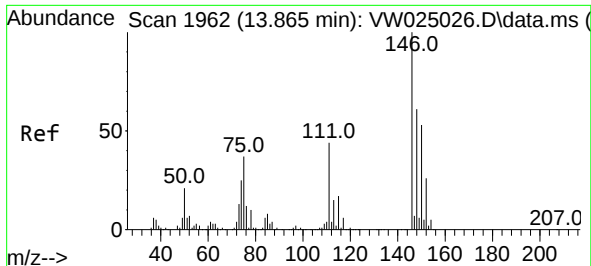
Tgt Ion:146 Resp: 202236
Ion Ratio Lower Upper
146 100
111 42.2 31.1 57.7
148 63.3 47.2 87.6



#65
1,4-Dichlorobenzene
Concen: 25.583 ug/L
RT: 13.572 min Scan# 1914
Delta R.T. 0.000 min
Lab File: VW025031.D
Acq: 10 Nov 2022 08:08

Tgt Ion:146 Resp: 204515
Ion Ratio Lower Upper
146 100
111 43.9 28.8 53.6
148 67.2 44.7 82.9





#67

1,2-Dichlorobenzene

Concen: 25.126 ug/L

RT: 13.865 min Scan# 1962

Delta R.T. 0.000 min

Lab File: VW025031.D

Acq: 10 Nov 2022 08:08

Instrument :

MSVOA_W

ClientSampleId :

VSTD025491

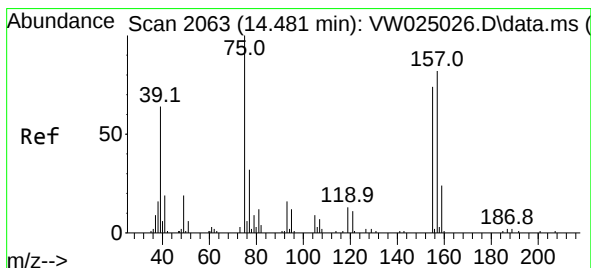
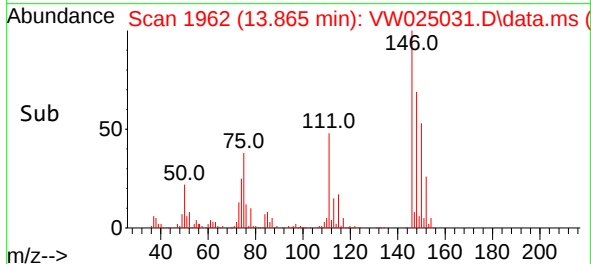
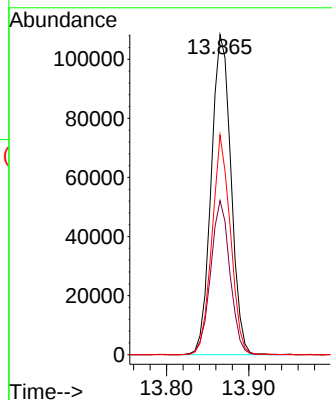
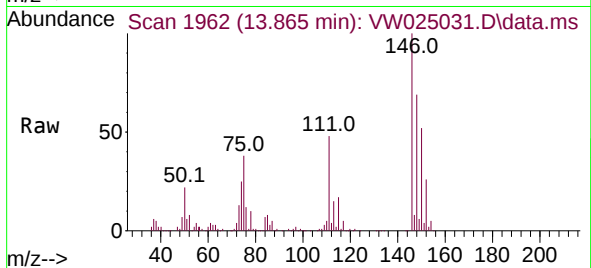
Tgt Ion:146 Resp: 180994

Ion Ratio Lower Upper

146 100

111 48.2 34.2 51.4

148 68.6 47.1 70.7



#68

1,2-Dibromo-3-chloropropane

Concen: 21.647 ug/L

RT: 14.481 min Scan# 2063

Delta R.T. 0.000 min

Lab File: VW025031.D

Acq: 10 Nov 2022 08:08

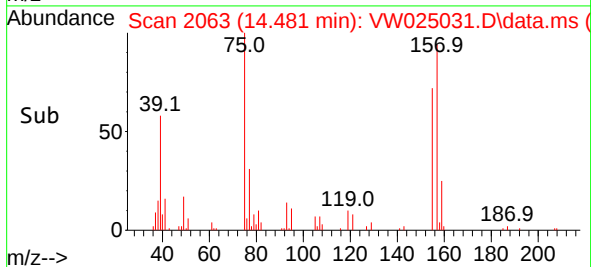
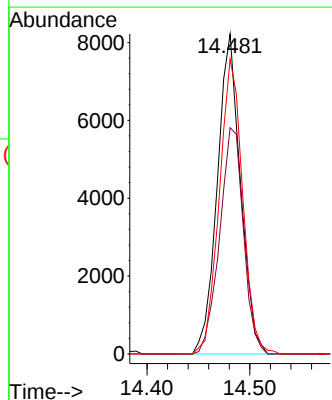
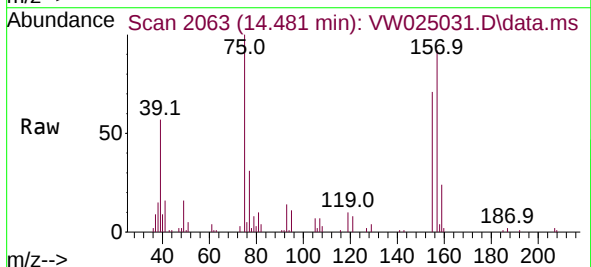
Tgt Ion: 75 Resp: 12841

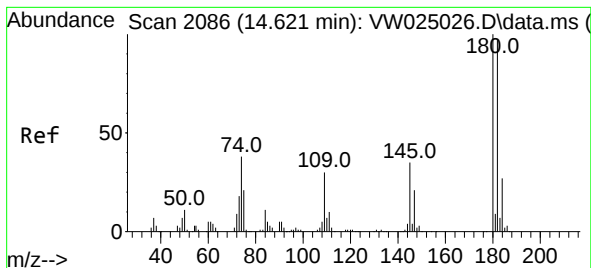
Ion Ratio Lower Upper

75 100

155 70.7 61.2 91.8

157 92.2 72.4 108.6





#69

1,3,5-Trichlorobenzene

Concen: 27.286 ug/L

RT: 14.621 min Scan# 2086

Delta R.T. 0.000 min

Lab File: VW025031.D

Acq: 10 Nov 2022 08:08

Instrument :

MSVOA_W

ClientSampleId :

VSTD025491

Tgt Ion:180 Resp: 144792

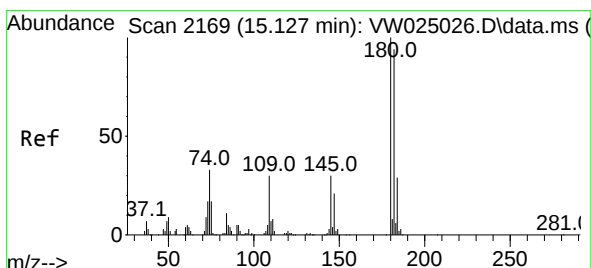
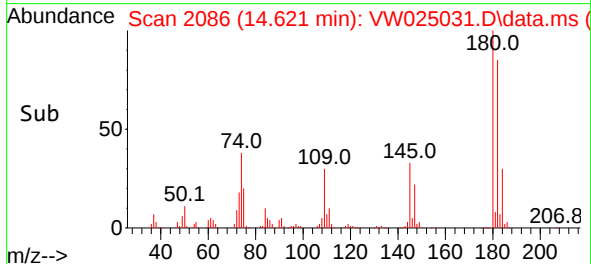
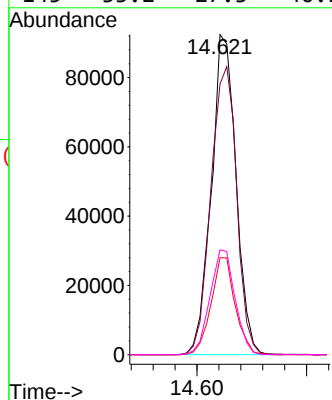
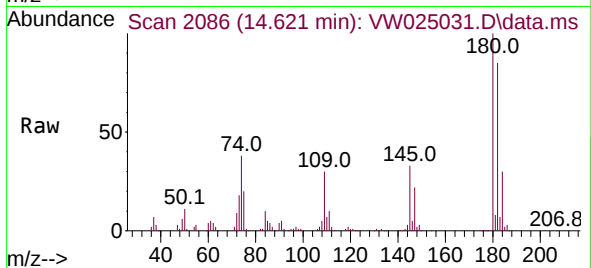
Ion Ratio Lower Upper

180 100

182 93.9 75.7 113.5

184 29.6 23.4 35.2

145 33.2 27.3 40.9



#70

1,2,4-trichlorobenzene

Concen: 27.899 ug/L

RT: 15.127 min Scan# 2169

Delta R.T. 0.000 min

Lab File: VW025031.D

Acq: 10 Nov 2022 08:08

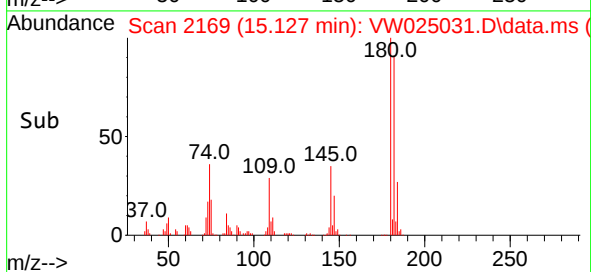
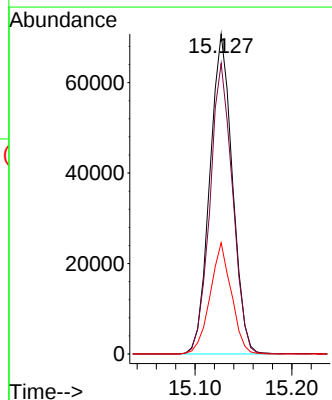
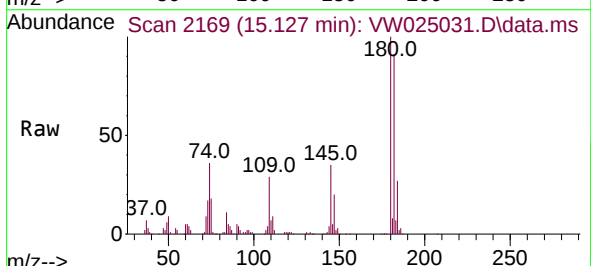
Tgt Ion:180 Resp: 115065

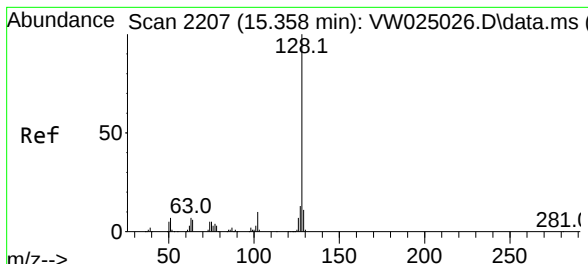
Ion Ratio Lower Upper

180 100

182 90.6 74.9 112.3

145 32.7 27.0 40.4

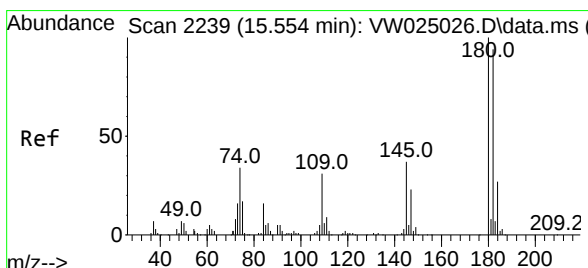
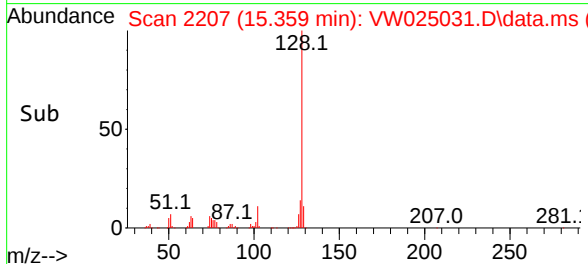
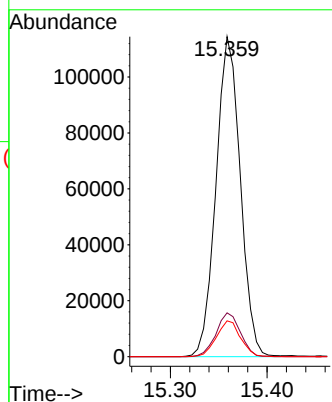
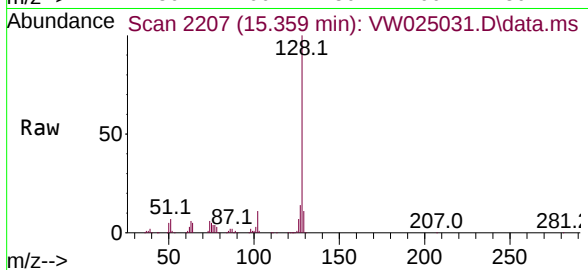




#71
Naphthalene
Concen: 22.923 ug/L
RT: 15.359 min Scan# 21
Delta R.T. 0.000 min
Lab File: VW025031.D
Acq: 10 Nov 2022 08:08

Instrument :
MSVOA_W
ClientSampleId :
VSTD025491

Tgt Ion:128 Resp: 199445
Ion Ratio Lower Upper
128 100
127 13.7 10.4 15.6
129 11.1 8.6 13.0



#72
1,2,3-Trichlorobenzene
Concen: 25.998 ug/L
RT: 15.548 min Scan# 2238
Delta R.T. -0.006 min
Lab File: VW025031.D
Acq: 10 Nov 2022 08:08

Tgt Ion:180 Resp: 93426
Ion Ratio Lower Upper
180 100
182 91.9 74.1 111.1
145 34.7 28.2 42.2

