

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW060322\
 Data File : VW023385.D
 Acq On : 03 Jun 2022 08:35
 Operator : SY/VA
 Sample : VSTDCCC025
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025560

Quant Time: Jun 03 23:31:10 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM060222SMA.M
 Quant Title : SFAM01.0
 QLast Update : Thu Jun 02 21:56:41 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.841	114	396676	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.633	117	374198	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	207296	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.355	65	148235	25.269	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	101.080%
7) Chloroethane-d5	2.891	69	107590	26.455	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	105.840%
11) 1,1-Dichloroethene-d2	4.019	63	222314	24.656	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	98.640%
21) 2-Butanone-d5	7.079	46	58629	48.701	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	97.400%
24) Chloroform-d	7.646	84	270726	25.918	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	103.680%
26) 1,2-Dichloroethane-d4	8.305	65	142888	26.117	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	104.480%
32) Benzene-d6	8.274	84	520571	25.891	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	103.560%
36) 1,2-Dichloropropane-d6	9.274	67	150385	26.144	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	104.560%
41) Toluene-d8	10.323	98	513001	26.760	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	107.040%
43) trans-1,3-Dichloroprop...	10.579	79	65049	25.332	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	101.320%
47) 2-Hexanone-d5	10.926	63	44070	47.691	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	95.380%
56) 1,1,2,2-Tetrachloroeth...	12.688	84	127346	25.100	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	100.400%
66) 1,2-Dichlorobenzene-d4	13.853	152	184870	25.230	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	100.920%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.007	85	35915	22.616	ug/L	90
3) Chloromethane	2.220	50	120165	24.531	ug/L	100
5) Vinyl chloride	2.361	62	185148	24.281	ug/L	99
6) Bromomethane	2.781	94	84699	22.754	ug/L	95
8) Chloroethane	2.922	64	82965	23.799	ug/L	100
9) Trichlorofluoromethane	3.257	101	84171	23.369	ug/L	95
10) 1,1,2-Trichloro-1,2,2-...	4.068	101	120916	23.168	ug/L	95
12) 1,1-Dichloroethene	4.043	96	109265	24.035	ug/L	89
13) Acetone	4.123	43	34675	39.206	ug/L	98
14) Carbon disulfide	4.385	76	350003	23.049	ug/L	100
15) Methyl Acetate	4.671	43	41675	21.452	ug/L	97
16) Methylene chloride	4.921	84	117784	20.729	ug/L	97
17) trans-1,2-Dichloroethene	5.427	96	126348	23.823	ug/L	97
18) Methyl tert-butyl Ether	5.427	73	180167	23.076	ug/L	100
19) 1,1-Dichloroethane	6.220	63	215242	23.959	ug/L	99
20) cis-1,2-Dichloroethene	7.177	96	130827	23.490	ug/L #	100
22) 2-Butanone	7.171	43	57705	43.888	ug/L	99
23) Bromochloromethane	7.518	128	60043	22.790	ug/L	91
25) Chloroform	7.677	83	230893	23.482	ug/L	98

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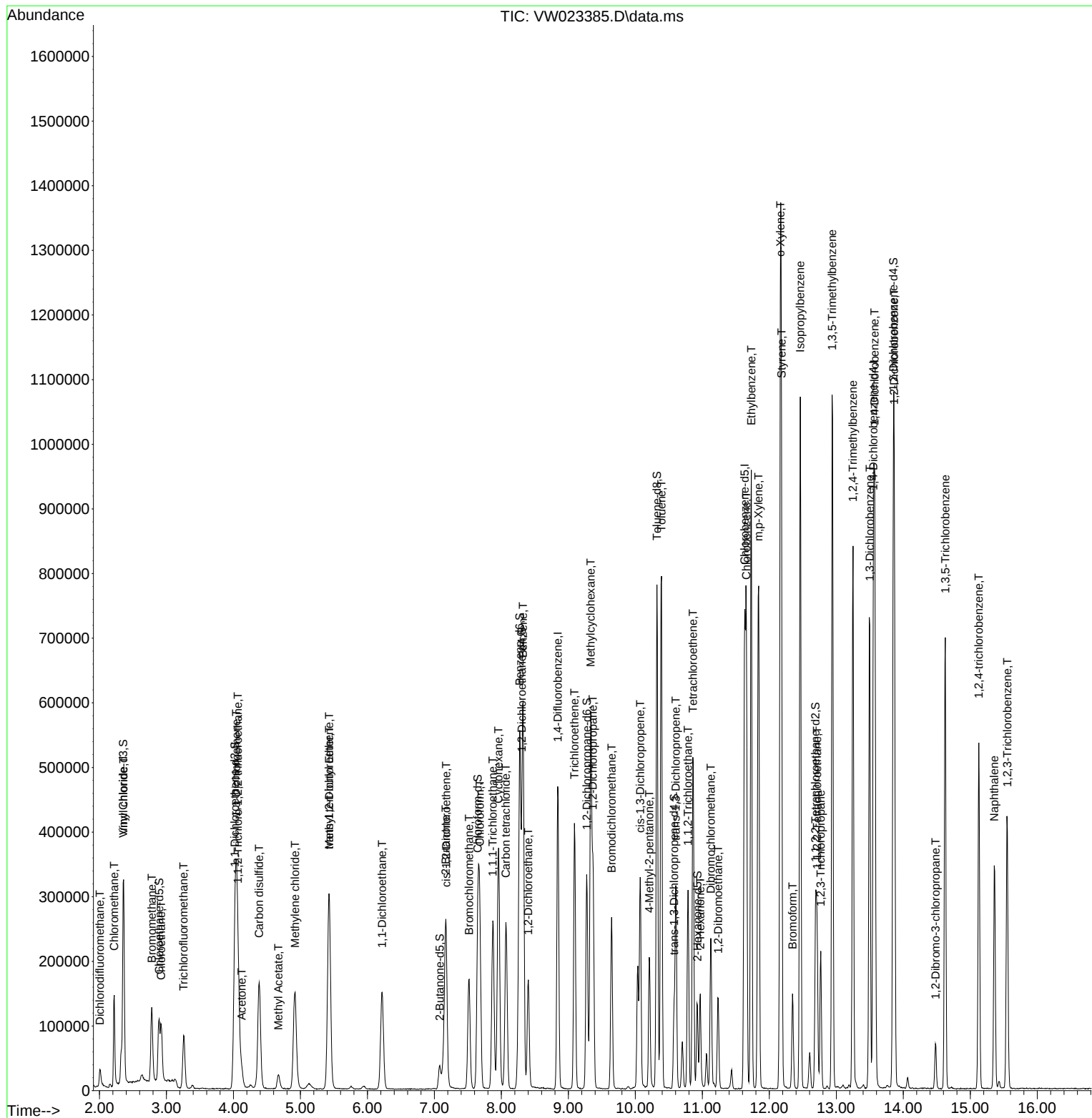
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.402	62	147907	23.363	ug/L	96
29) Cyclohexane	7.957	56	194134	24.290	ug/L	99
30) 1,1,1-Trichloroethane	7.872	97	205808	23.765	ug/L	99
31) Carbon tetrachloride	8.067	117	191334	23.492	ug/L	98
33) Benzene	8.323	78	510454	23.814	ug/L	100
34) Trichloroethene	9.091	95	136080	23.440	ug/L	97
35) Methylcyclohexane	9.335	83	238198	24.767	ug/L	97
37) 1,2-Dichloropropane	9.366	63	120850	23.931	ug/L	100
38) Bromodichloromethane	9.646	83	168554	23.580	ug/L	98
39) cis-1,3-Dichloropropene	10.073	75	189472	23.887	ug/L	99
40) 4-Methyl-2-pentanone	10.207	43	127444	44.541	ug/L	98
42) Toluene	10.390	91	590273	24.787	ug/L	96
44) trans-1,3-Dichloropropene	10.603	75	165047	23.254	ug/L	99
45) 1,1,2-Trichloroethane	10.786	97	94861	22.943	ug/L	99
46) Tetrachloroethene	10.859	164	111351	23.954	ug/L	86
48) 2-Hexanone	10.969	43	87574	45.781	ug/L	97
49) Dibromochloromethane	11.127	129	116662	22.994	ug/L	95
50) 1,2-Dibromoethane	11.237	107	93397	23.172	ug/L	88
51) Chlorobenzene	11.658	112	379144	24.113	ug/L	98
52) Ethylbenzene	11.731	91	649625	24.842	ug/L	99
53) m,p-Xylene	11.841	106	260896	25.194	ug/L	98
54) o-Xylene	12.164	106	249266	25.159	ug/L	99
55) Styrene	12.182	104	419935	24.871	ug/L	93
57) 1,1,2,2-Tetrachloroethane	12.713	83	112145	22.965	ug/L	99
59) Bromoform	12.347	173	61924	20.349	ug/L	99
60) Isopropylbenzene	12.463	105	678562	23.867	ug/L	99
61) 1,2,3-Trichloropropane	12.767	75	80211	21.526	ug/L	100
62) 1,3,5-Trimethylbenzene	12.938	105	562137	24.132	ug/L	99
63) 1,2,4-Trimethylbenzene	13.249	105	443483	24.523	ug/L	98
64) 1,3-Dichlorobenzene	13.499	146	293849	22.735	ug/L	94
65) 1,4-Dichlorobenzene	13.572	146	295024	22.329	ug/L	98
67) 1,2-Dichlorobenzene	13.865	146	274405	23.488	ug/L	92
68) 1,2-Dibromo-3-chloropr...	14.480	75	16205	19.525	ug/L	96
69) 1,3,5-Trichlorobenzene	14.627	180	197954	23.191	ug/L	97
70) 1,2,4-trichlorobenzene	15.127	180	158828	23.419	ug/L	97
71) Naphthalene	15.358	128	295210	23.120	ug/L	100
72) 1,2,3-Trichlorobenzene	15.553	180	132935	22.645	ug/L	97

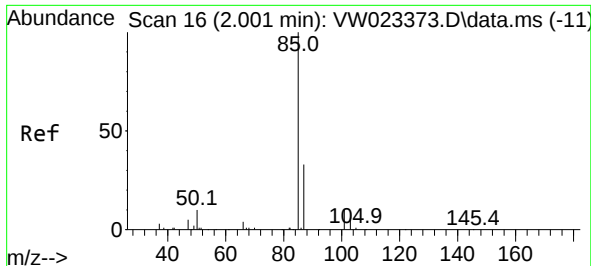
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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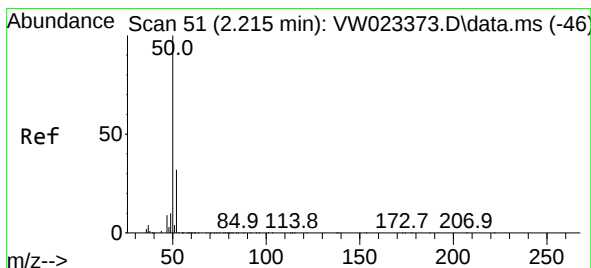
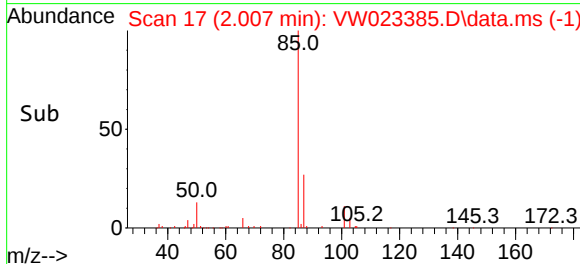
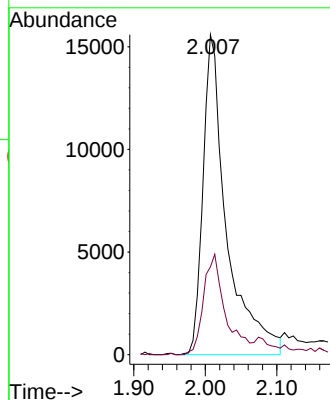
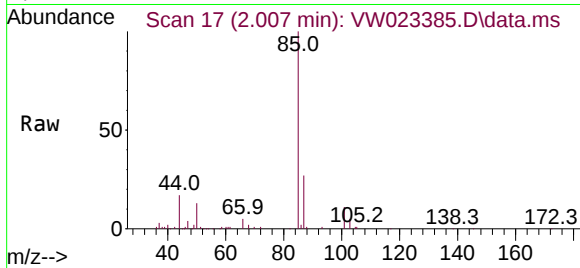




#2
Dichlorodifluoromethane
Concen: 22.616 ug/L
RT: 2.007 min Scan# 11
Delta R.T. -0.000 min
Lab File: VW023385.D
Acq: 03 Jun 2022 08:35

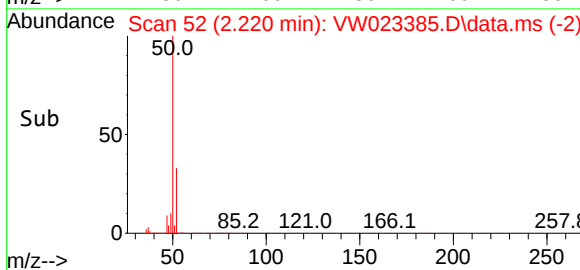
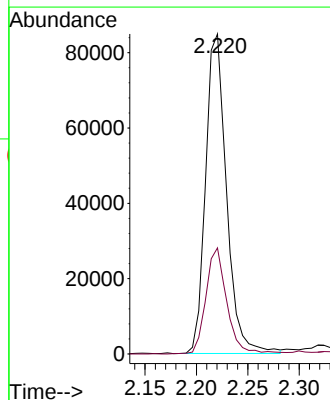
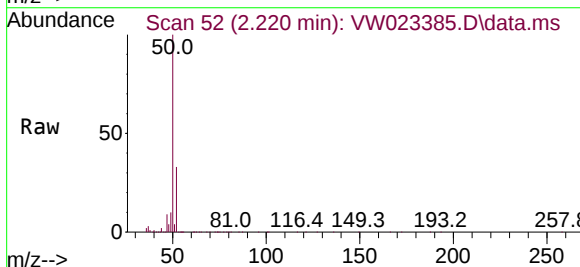
Instrument :
MSVOA_W
ClientSampleId :
VSTD025560

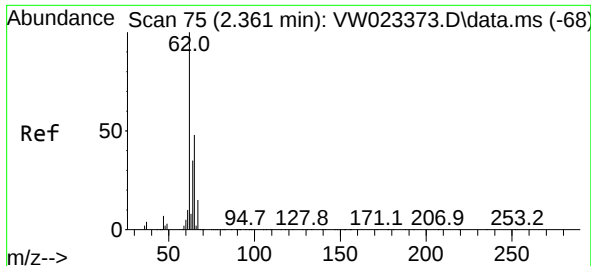
Tgt Ion: 85 Resp: 35915
Ion Ratio Lower Upper
85 100
87 28.8 27.8 41.8



#3
Chloromethane
Concen: 24.531 ug/L
RT: 2.220 min Scan# 52
Delta R.T. 0.006 min
Lab File: VW023385.D
Acq: 03 Jun 2022 08:35

Tgt Ion: 50 Resp: 120165
Ion Ratio Lower Upper
50 100
52 33.2 23.1 42.9

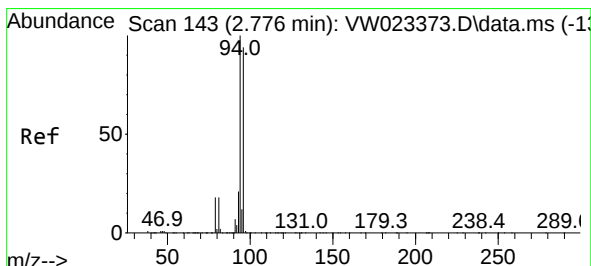
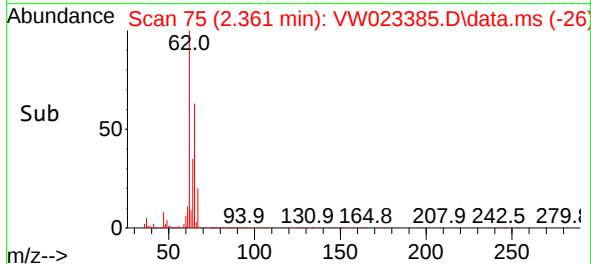
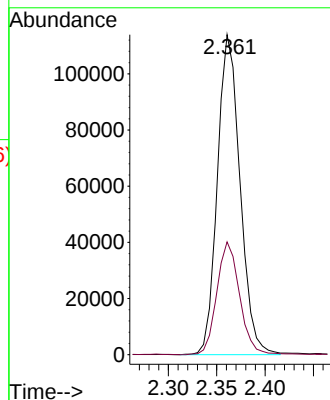
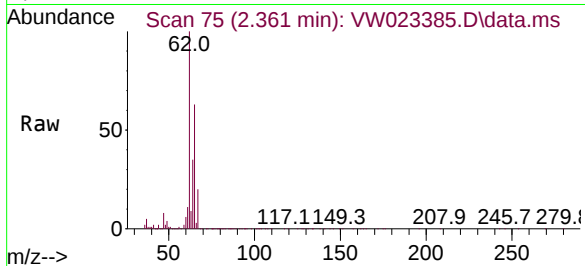




#5
 Vinyl chloride
 Concen: 24.281 ug/L
 RT: 2.361 min Scan# 75
 Delta R.T. -0.000 min
 Lab File: VW023385.D
 Acq: 03 Jun 2022 08:35

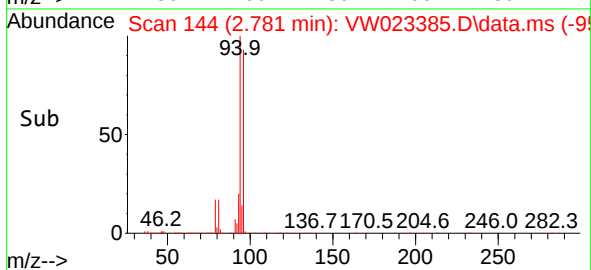
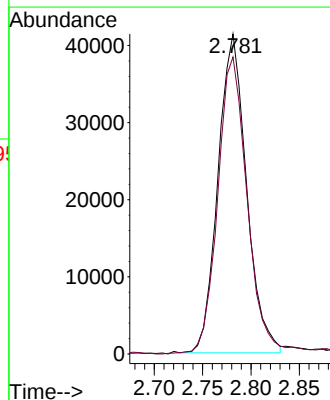
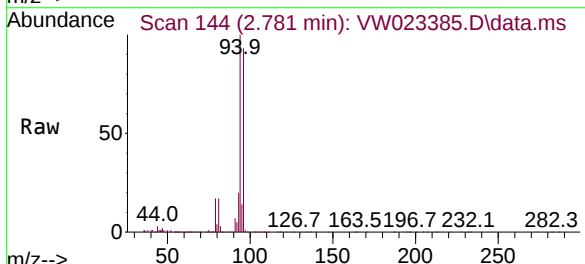
Instrument :
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 ClientSampleId :
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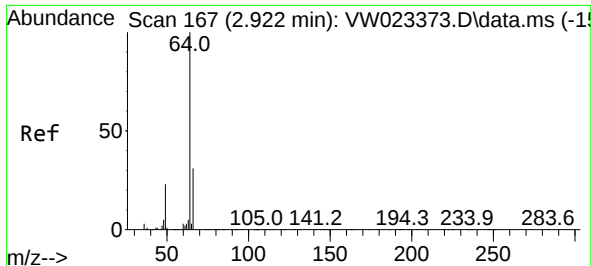
Tgt Ion: 62 Resp: 185148
 Ion Ratio Lower Upper
 62 100
 64 35.2 24.9 46.3



#6
 Bromomethane
 Concen: 22.754 ug/L
 RT: 2.781 min Scan# 144
 Delta R.T. -0.001 min
 Lab File: VW023385.D
 Acq: 03 Jun 2022 08:35

Tgt Ion: 94 Resp: 84699
 Ion Ratio Lower Upper
 94 100
 96 92.8 61.7 114.5

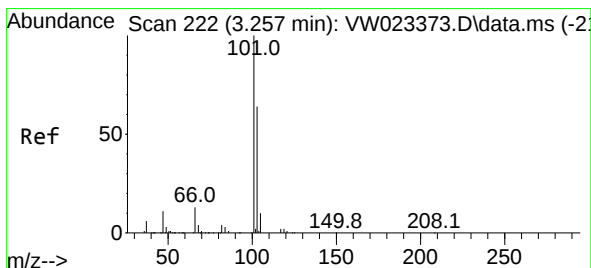
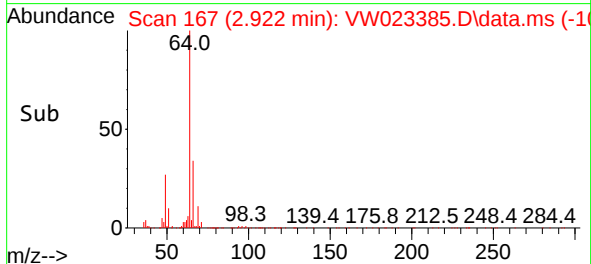
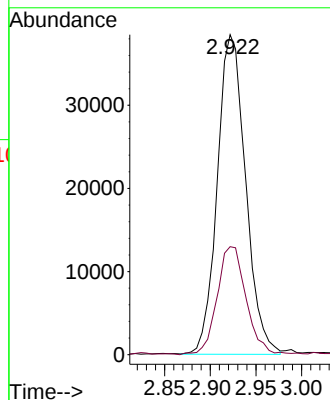
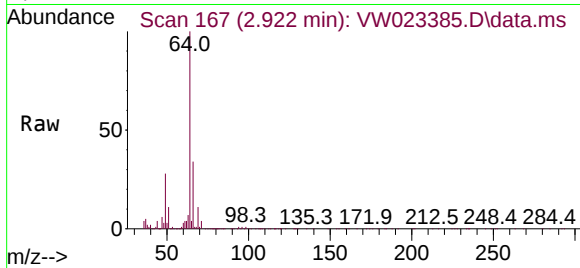




#8
Chloroethane
Concen: 23.799 ug/L
RT: 2.922 min Scan# 167
Delta R.T. -0.000 min
Lab File: VW023385.D
Acq: 03 Jun 2022 08:35

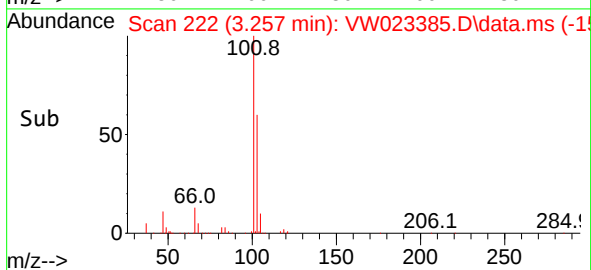
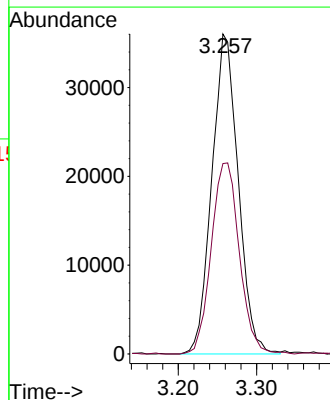
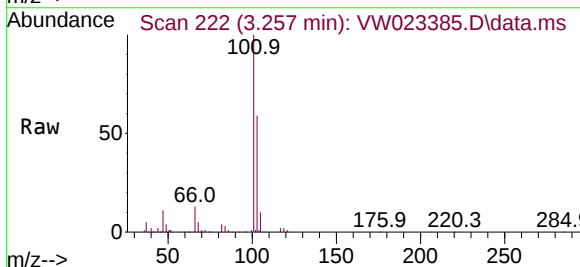
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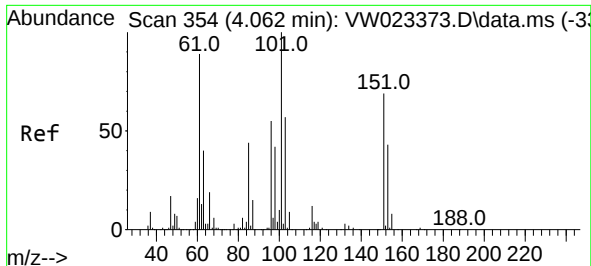
Tgt Ion: 64 Resp: 82965
Ion Ratio Lower Upper
64 100
66 33.7 23.4 43.6



#9
Trichlorofluoromethane
Concen: 23.369 ug/L
RT: 3.257 min Scan# 222
Delta R.T. -0.000 min
Lab File: VW023385.D
Acq: 03 Jun 2022 08:35

Tgt Ion: 101 Resp: 84171
Ion Ratio Lower Upper
101 100
103 63.5 53.9 80.9

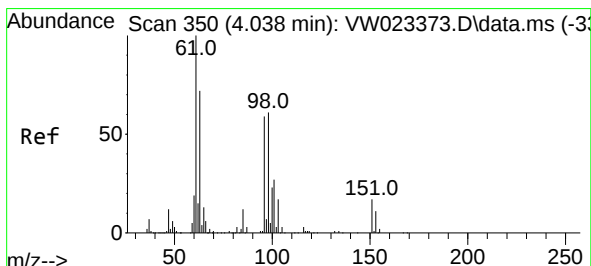
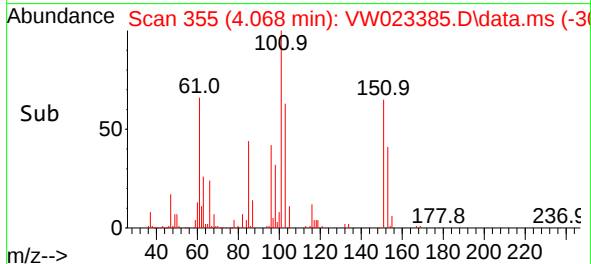
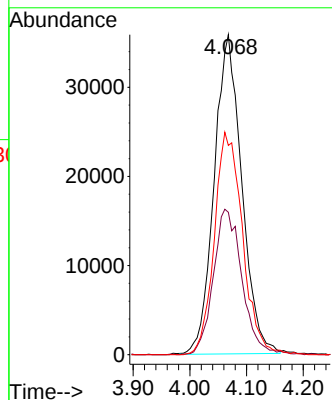
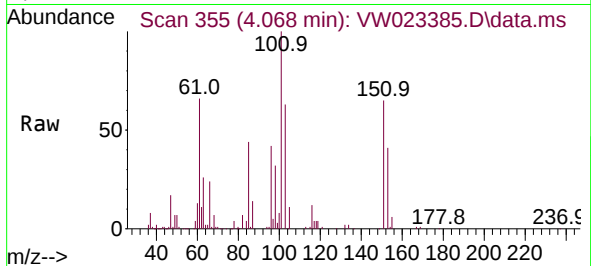




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 23.168 ug/L
RT: 4.068 min Scan# 31
Delta R.T. -0.000 min
Lab File: VW023385.D
Acq: 03 Jun 2022 08:35

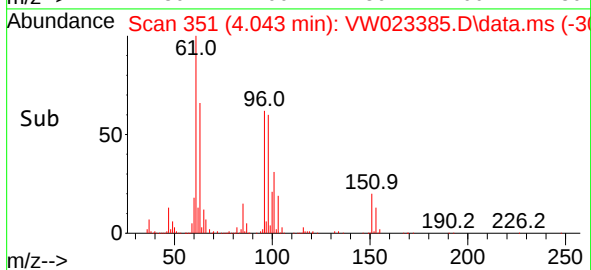
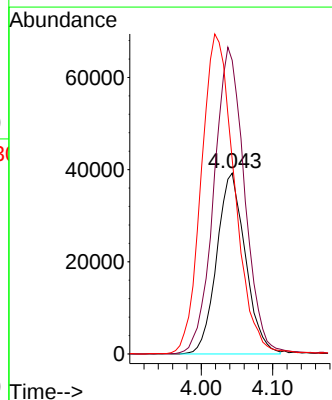
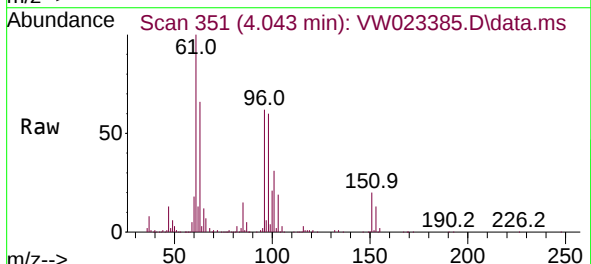
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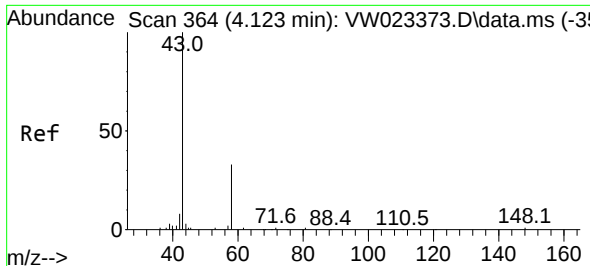
Tgt Ion:101 Resp: 120916
Ion Ratio Lower Upper
101 100
85 46.9 34.3 51.5
151 70.9 54.2 81.2



#12
1,1-Dichloroethene
Concen: 24.035 ug/L
RT: 4.043 min Scan# 351
Delta R.T. -0.000 min
Lab File: VW023385.D
Acq: 03 Jun 2022 08:35

Tgt Ion: 96 Resp: 109265
Ion Ratio Lower Upper
96 100
61 162.4 125.7 233.5
63 107.6 83.4 155.0





#13

Acetone

Concen: 39.206 ug/L

RT: 4.123 min Scan# 3

Delta R.T. -0.000 min

Lab File: VW023385.D

Acq: 03 Jun 2022 08:35

Instrument :

MSVOA_W

ClientSampleId :

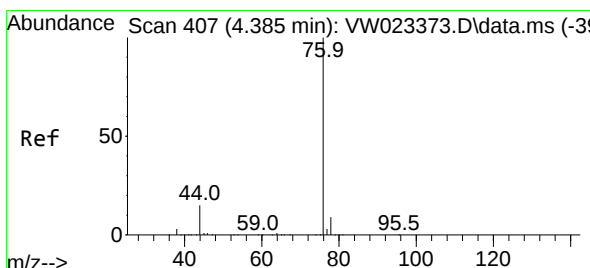
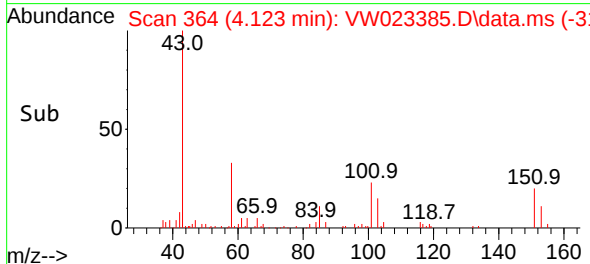
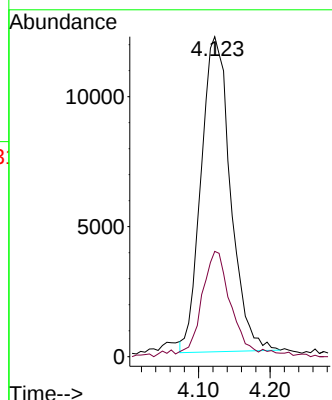
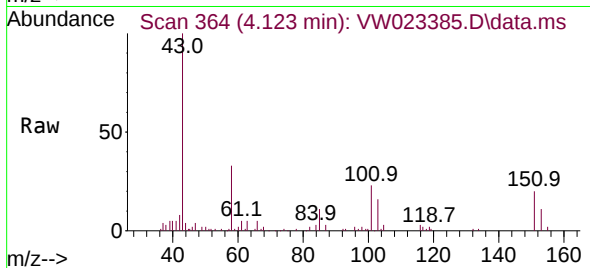
VSTD025560

Tgt Ion: 43 Resp: 34675

Ion Ratio Lower Upper

43 100

58 30.8 0.0 64.0



#14

Carbon disulfide

Concen: 23.049 ug/L

RT: 4.385 min Scan# 407

Delta R.T. -0.000 min

Lab File: VW023385.D

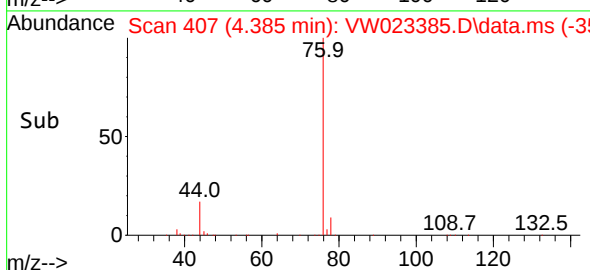
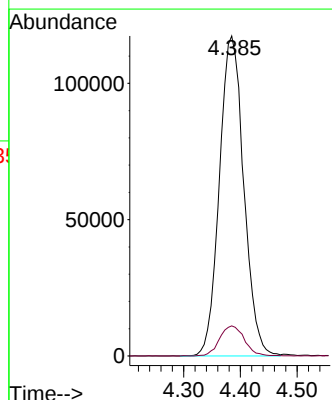
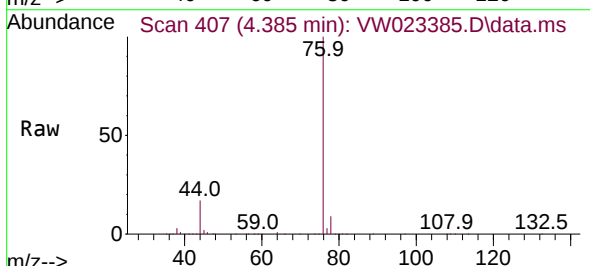
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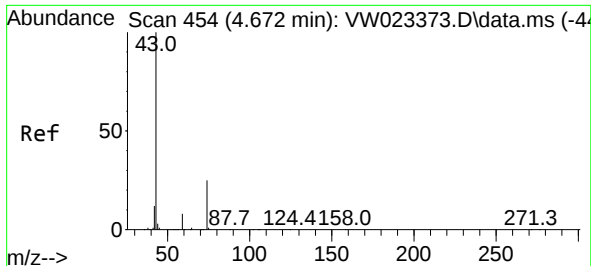
Tgt Ion: 76 Resp: 350003

Ion Ratio Lower Upper

76 100

78 9.4 7.7 11.5

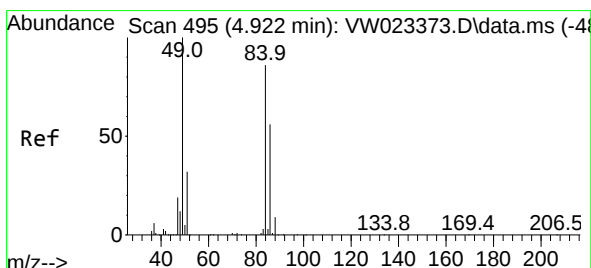
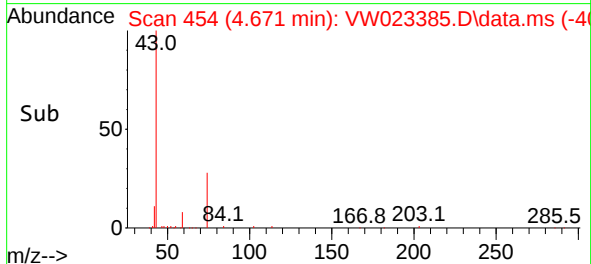
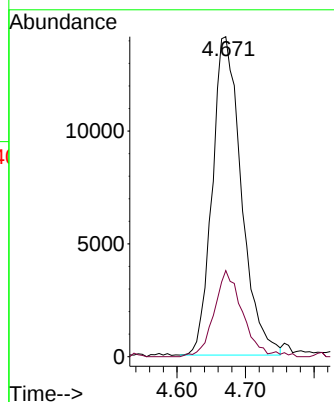
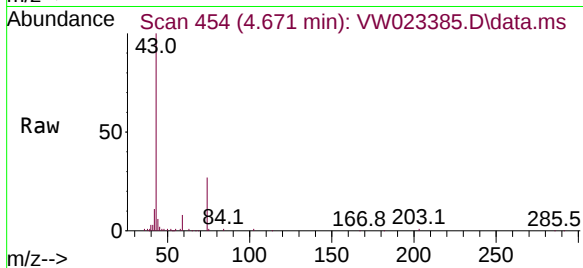




#15
Methyl Acetate
Concen: 21.452 ug/L
RT: 4.671 min Scan# 415
Delta R.T. -0.000 min
Lab File: VW023385.D
Acq: 03 Jun 2022 08:35

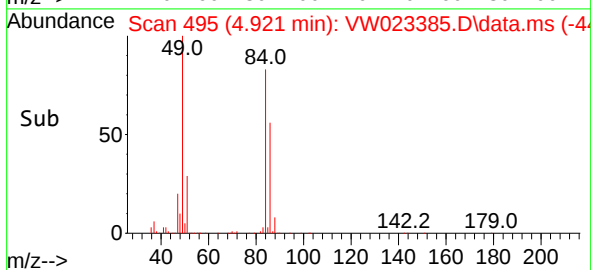
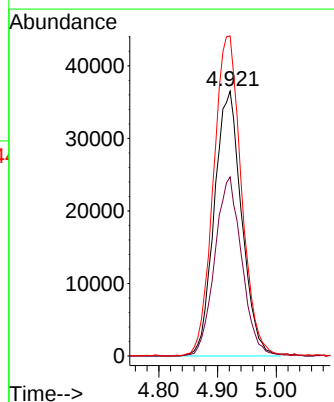
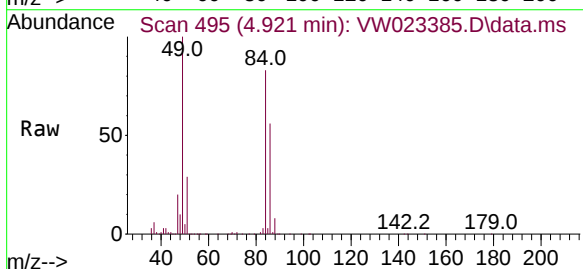
Instrument :
MSVOA_W
ClientSampleId :
VSTD025560

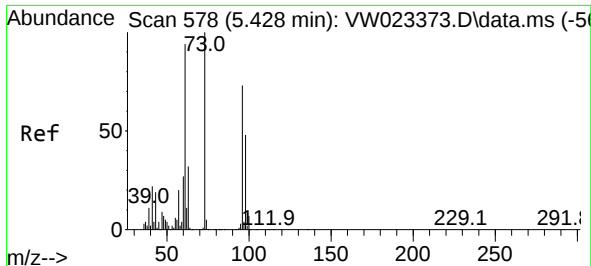
Tgt Ion: 43 Resp: 41675
Ion Ratio Lower Upper
43 100
74 25.7 21.9 32.9



#16
Methylene chloride
Concen: 20.729 ug/L
RT: 4.921 min Scan# 495
Delta R.T. 0.006 min
Lab File: VW023385.D
Acq: 03 Jun 2022 08:35

Tgt Ion: 84 Resp: 117784
Ion Ratio Lower Upper
84 100
86 67.6 45.4 84.4
49 120.8 82.5 153.1

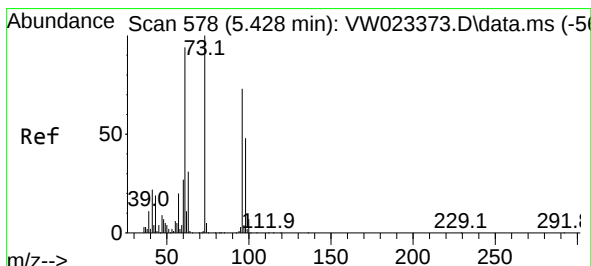
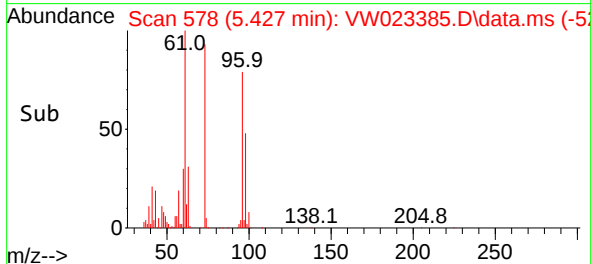
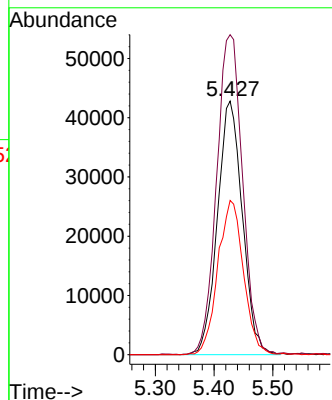
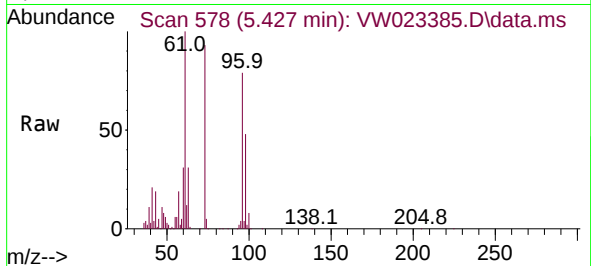




#17
trans-1,2-Dichloroethene
Concen: 23.823 ug/L
RT: 5.427 min Scan# 51
Delta R.T. 0.006 min
Lab File: VW023385.D
Acq: 03 Jun 2022 08:35

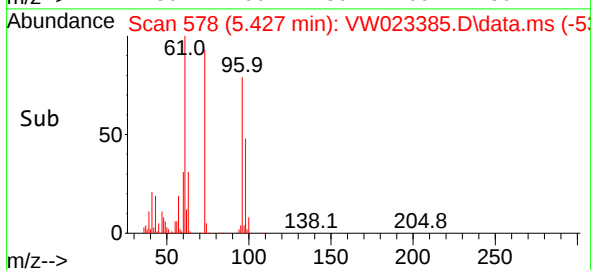
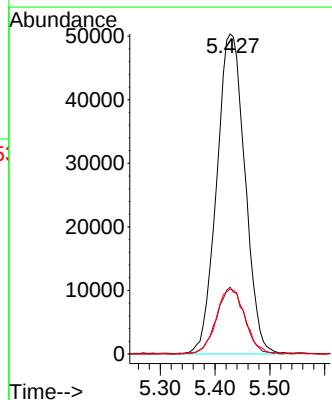
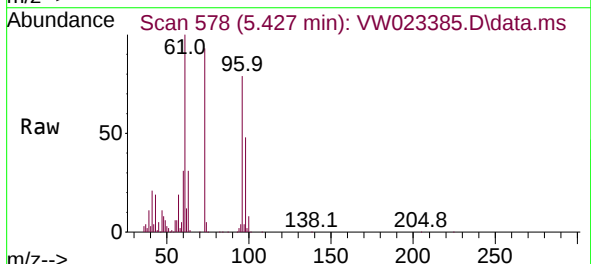
Instrument :
MSVOA_W
ClientSampleId :
VSTD025560

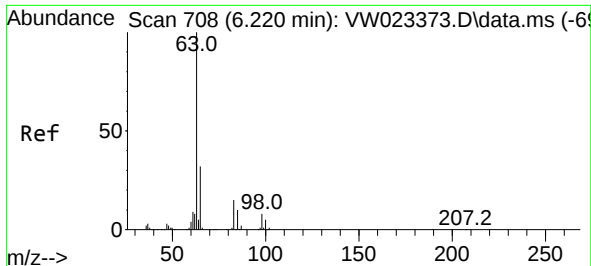
Tgt Ion: 96 Resp: 126348
Ion Ratio Lower Upper
96 100
61 126.2 92.2 171.2
98 60.8 42.9 79.7



#18
Methyl tert-butyl Ether
Concen: 23.076 ug/L
RT: 5.427 min Scan# 578
Delta R.T. -0.006 min
Lab File: VW023385.D
Acq: 03 Jun 2022 08:35

Tgt Ion: 73 Resp: 180167
Ion Ratio Lower Upper
73 100
43 20.1 15.9 23.9
57 20.8 16.5 24.7





#19

1,1-Dichloroethane

Concen: 23.959 ug/L

RT: 6.220 min Scan# 708

Delta R.T. -0.000 min

Lab File: VW023385.D

Acq: 03 Jun 2022 08:35

Instrument :

MSVOA_W

ClientSampleId :

VSTD025560

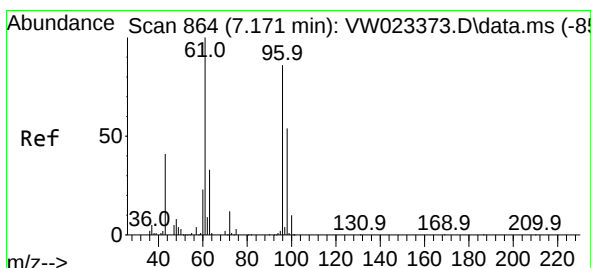
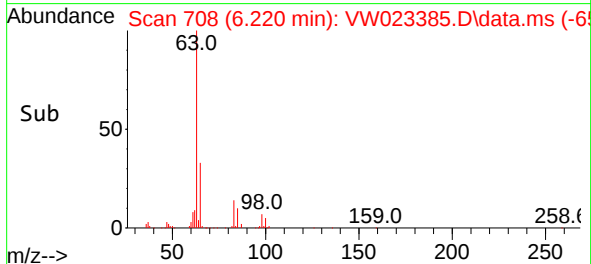
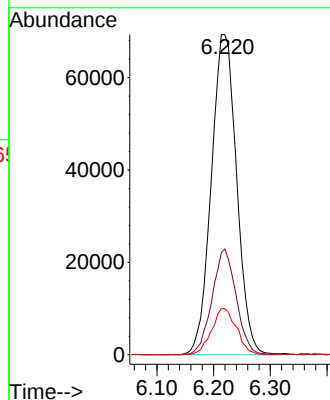
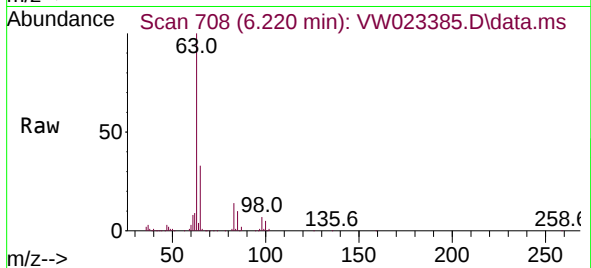
Tgt Ion: 63 Resp: 215242

Ion Ratio Lower Upper

63 100

65 33.0 23.3 43.3

83 14.4 11.1 20.5



#20

cis-1,2-Dichloroethene

Concen: 23.490 ug/L

RT: 7.177 min Scan# 865

Delta R.T. -0.000 min

Lab File: VW023385.D

Acq: 03 Jun 2022 08:35

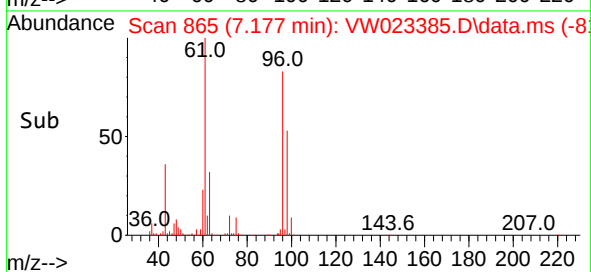
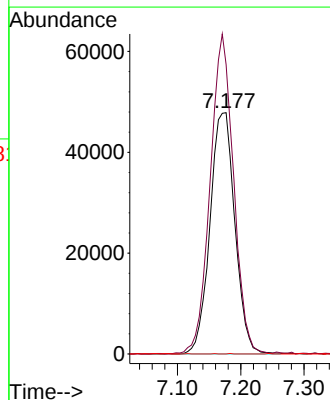
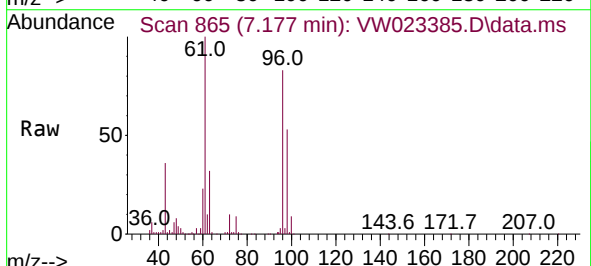
Tgt Ion: 96 Resp: 130827

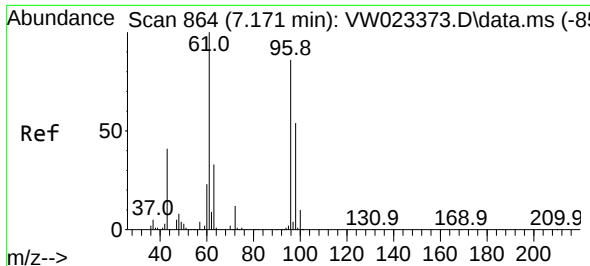
Ion Ratio Lower Upper

96 100

61 119.9 84.2 156.4

68 0.0 0.1 0.1#

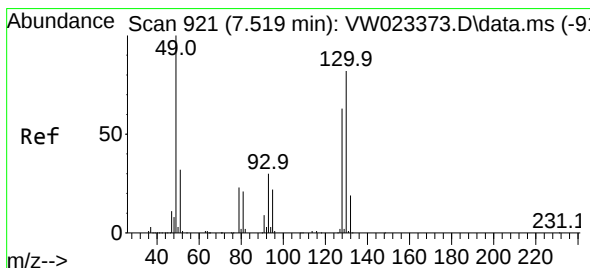
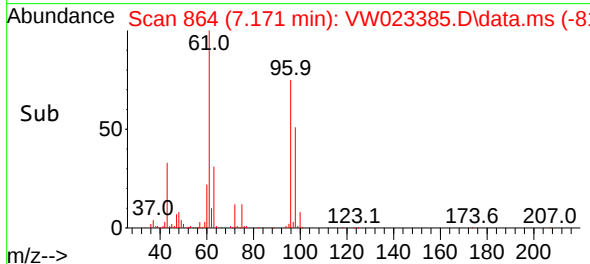
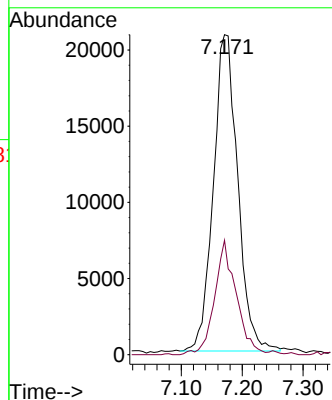
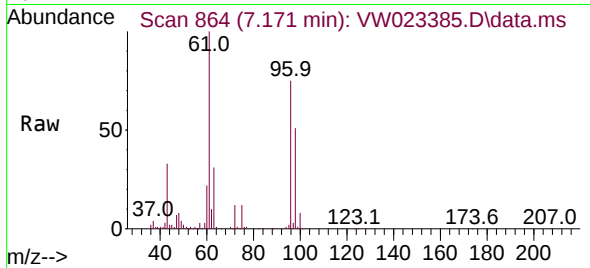




#22
2-Butanone
Concen: 43.888 ug/L
RT: 7.171 min Scan# 864
Delta R.T. -0.000 min
Lab File: VW023385.D
Acq: 03 Jun 2022 08:35

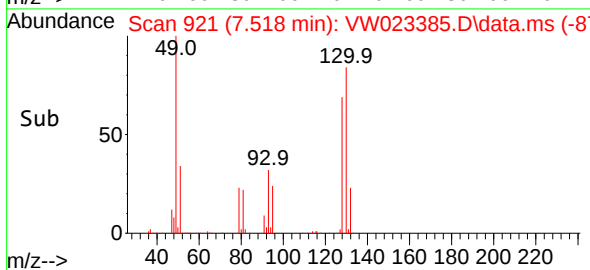
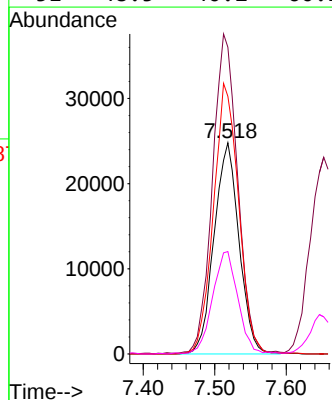
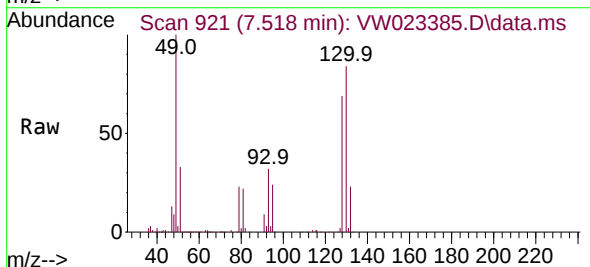
Instrument :
MSVOA_W
ClientSampleId :
VSTD025560

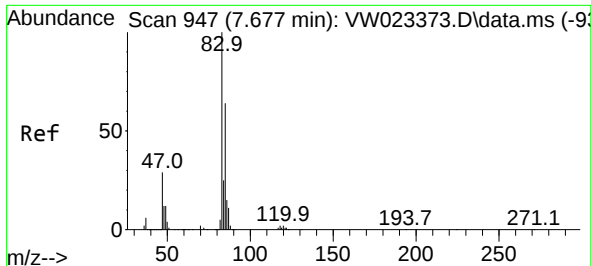
Tgt Ion: 43 Resp: 57705
Ion Ratio Lower Upper
43 100
72 31.0 15.1 45.3



#23
Bromochloromethane
Concen: 22.790 ug/L
RT: 7.518 min Scan# 921
Delta R.T. -0.000 min
Lab File: VW023385.D
Acq: 03 Jun 2022 08:35

Tgt Ion: 128 Resp: 60043
Ion Ratio Lower Upper
128 100
49 145.2 110.0 204.4
130 122.0 94.8 176.0
51 48.5 40.2 60.2

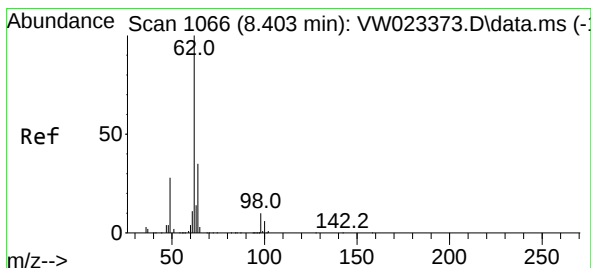
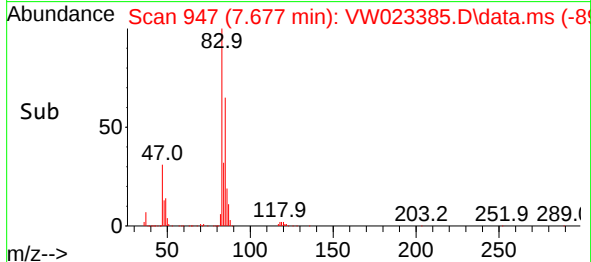
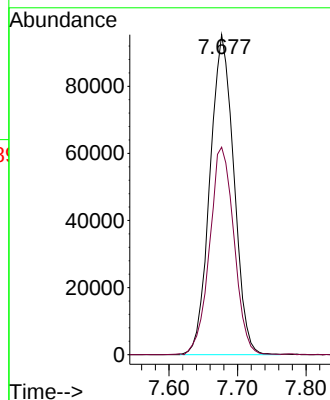
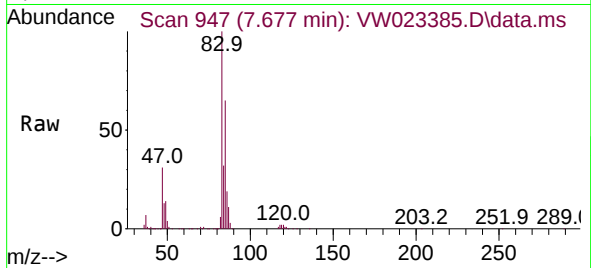




#25
Chloroform
Concen: 23.482 ug/L
RT: 7.677 min Scan# 947
Delta R.T. -0.000 min
Lab File: VW023385.D
Acq: 03 Jun 2022 08:35

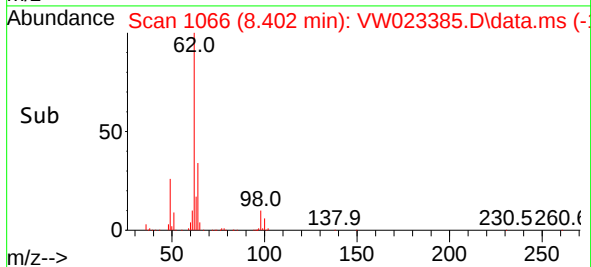
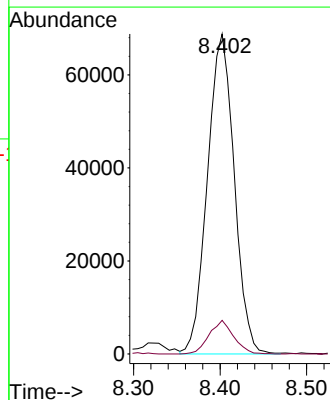
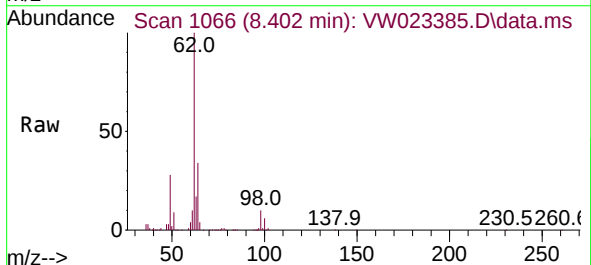
Instrument :
MSVOA_W
ClientSampleId :
VSTD025560

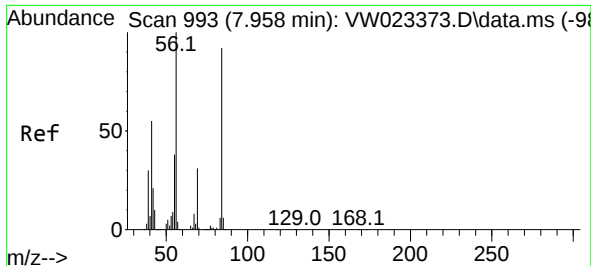
Tgt Ion: 83 Resp: 230893
Ion Ratio Lower Upper
83 100
85 64.8 46.6 86.6



#27
1,2-Dichloroethane
Concen: 23.363 ug/L
RT: 8.402 min Scan# 1066
Delta R.T. 0.006 min
Lab File: VW023385.D
Acq: 03 Jun 2022 08:35

Tgt Ion: 62 Resp: 147907
Ion Ratio Lower Upper
62 100
98 10.5 7.2 10.8





#29

Cyclohexane

Concen: 24.290 ug/L

RT: 7.957 min Scan# 993

Delta R.T. -0.000 min

Lab File: VW023385.D

Acq: 03 Jun 2022 08:35

Instrument :

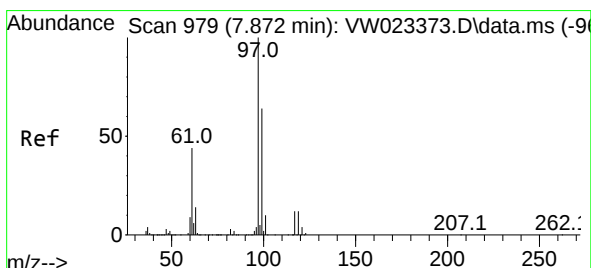
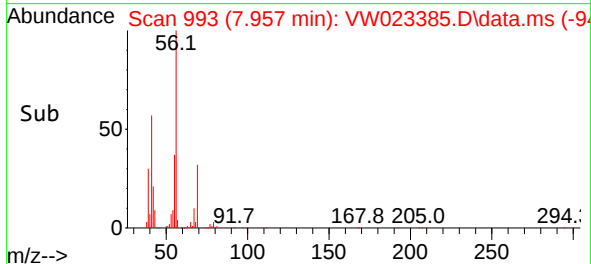
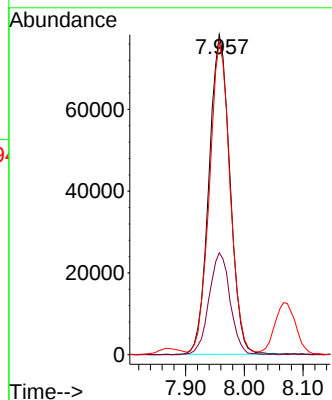
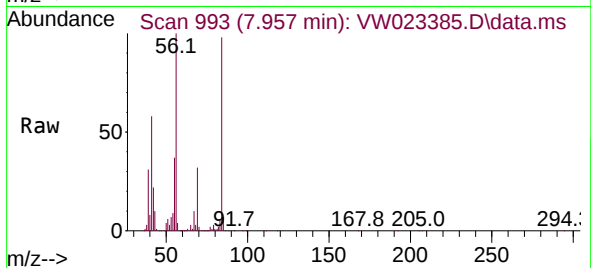
MSVOA_W

ClientSampleId :

VSTD025560

Tgt Ion: 56 Resp: 194134

Ion	Ratio	Lower	Upper
56	100		
69	31.9	25.6	38.4
84	96.2	78.2	117.4



#30

1,1,1-Trichloroethane

Concen: 23.765 ug/L

RT: 7.872 min Scan# 979

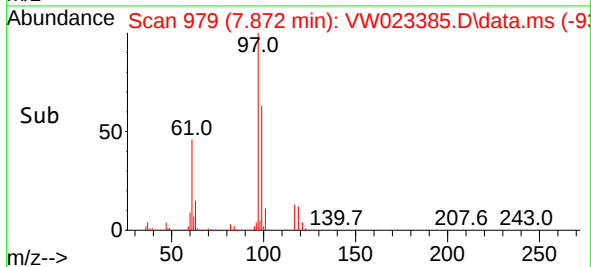
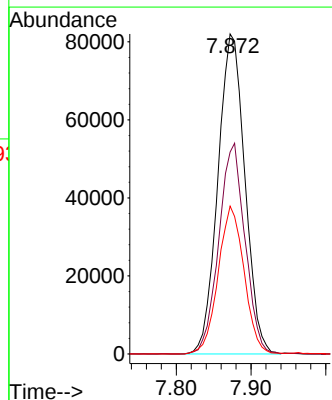
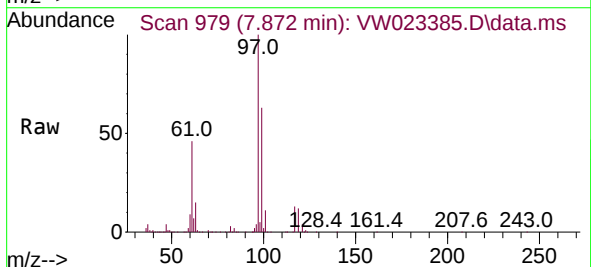
Delta R.T. -0.000 min

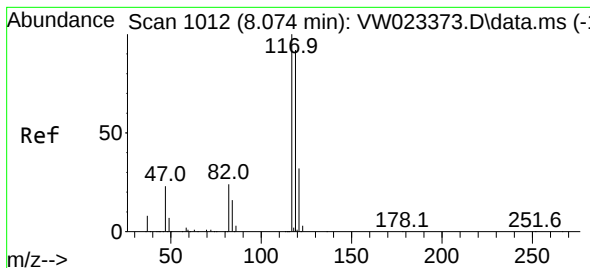
Lab File: VW023385.D

Acq: 03 Jun 2022 08:35

Tgt Ion: 97 Resp: 205808

Ion	Ratio	Lower	Upper
97	100		
99	63.8	51.0	76.4
61	44.3	34.8	52.2





#31

Carbon tetrachloride

Concen: 23.492 ug/L

RT: 8.067 min Scan# 1011

Delta R.T. -0.006 min

Lab File: VW023385.D

Acq: 03 Jun 2022 08:35

Instrument :

MSVOA_W

ClientSampleId :

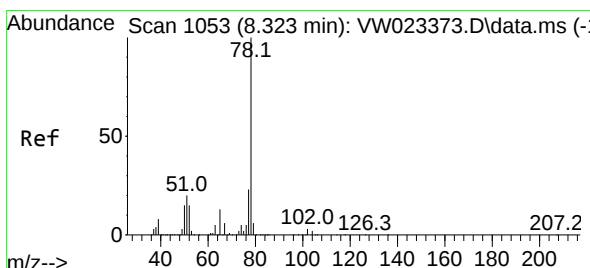
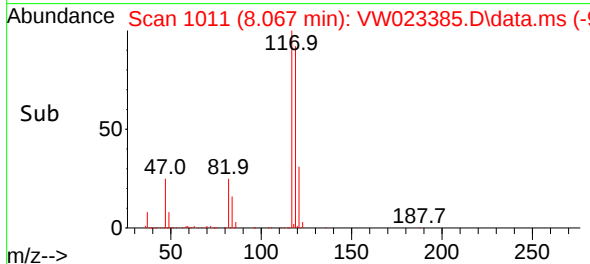
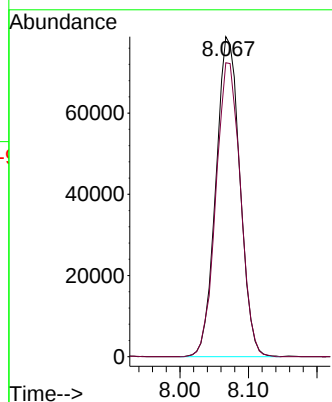
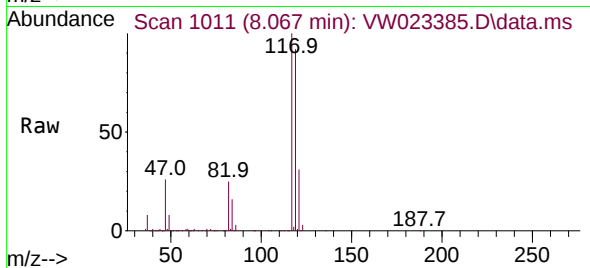
VSTD025560

Tgt Ion:117 Resp: 191334

Ion Ratio Lower Upper

117 100

119 93.9 76.6 115.0



#33

Benzene

Concen: 23.814 ug/L

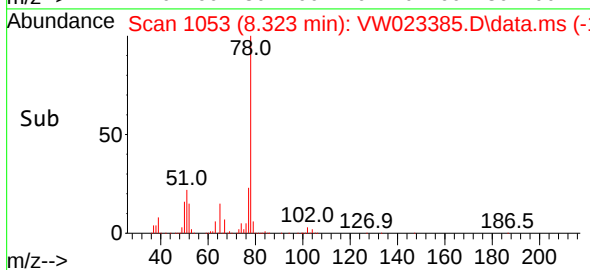
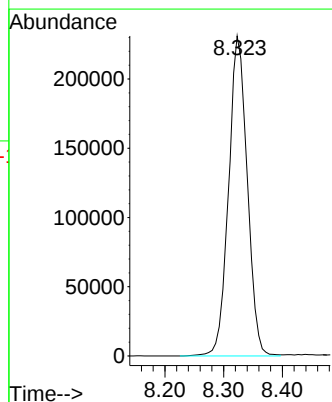
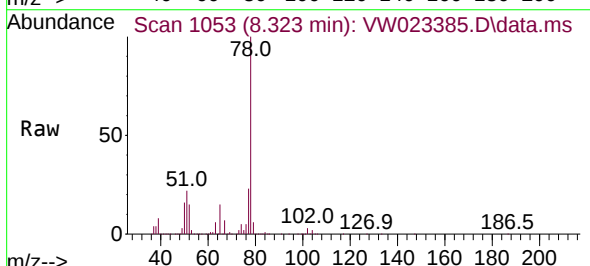
RT: 8.323 min Scan# 1053

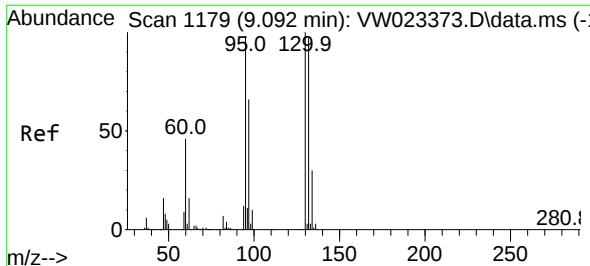
Delta R.T. -0.000 min

Lab File: VW023385.D

Acq: 03 Jun 2022 08:35

Tgt Ion: 78 Resp: 510454





#34

Trichloroethene

Concen: 23.440 ug/L

RT: 9.091 min Scan# 1179

Delta R.T. -0.000 min

Lab File: VW023385.D

Acq: 03 Jun 2022 08:35

Instrument :

MSVOA_W

ClientSampleId :

VSTD025560

Tgt Ion: 95 Resp: 136080

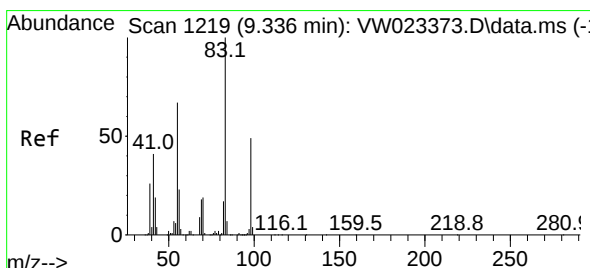
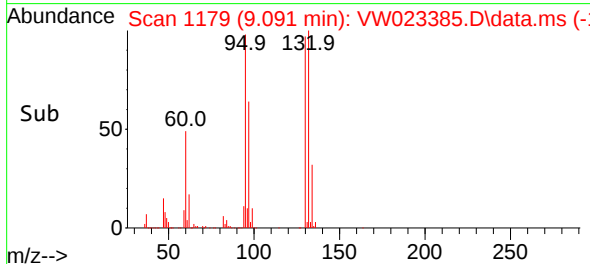
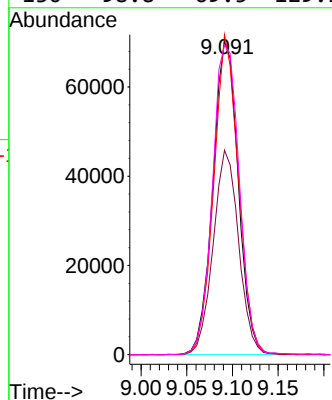
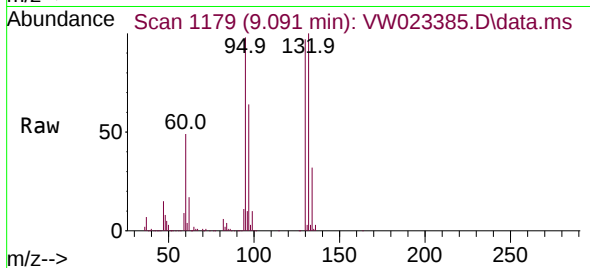
Ion Ratio Lower Upper

95 100

97 65.3 46.1 85.7

132 102.2 66.9 124.3

130 98.8 69.5 129.1



#35

Methylcyclohexane

Concen: 24.767 ug/L

RT: 9.335 min Scan# 1219

Delta R.T. -0.000 min

Lab File: VW023385.D

Acq: 03 Jun 2022 08:35

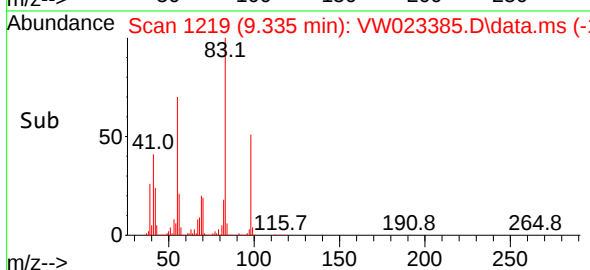
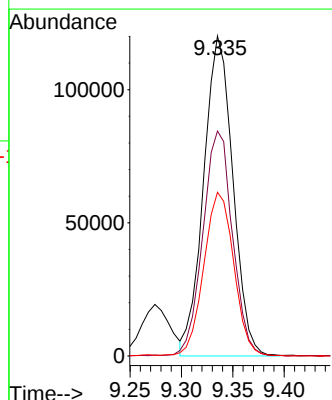
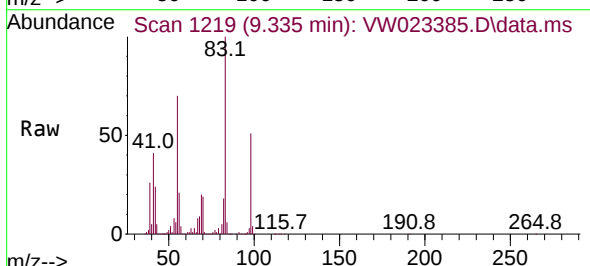
Tgt Ion: 83 Resp: 238198

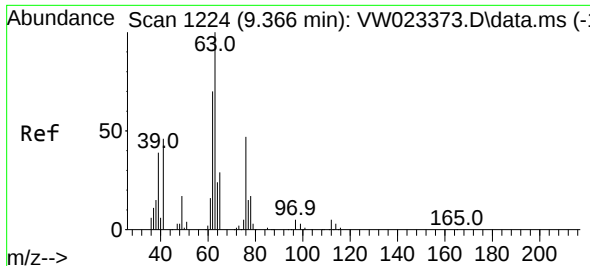
Ion Ratio Lower Upper

83 100

55 71.1 55.1 82.7

98 52.5 40.4 60.6





#37

1,2-Dichloropropane

Concen: 23.931 ug/L

RT: 9.366 min Scan# 11

Delta R.T. -0.006 min

Lab File: VW023385.D

Acq: 03 Jun 2022 08:35

Instrument :

MSVOA_W

ClientSampleId :

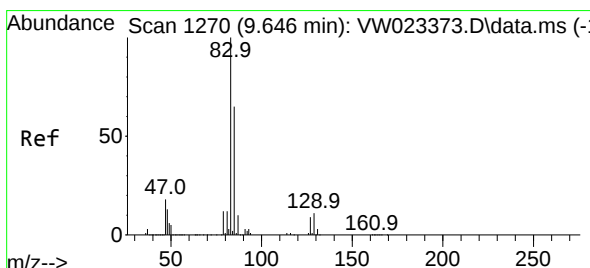
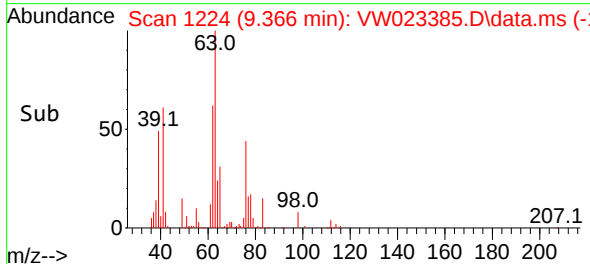
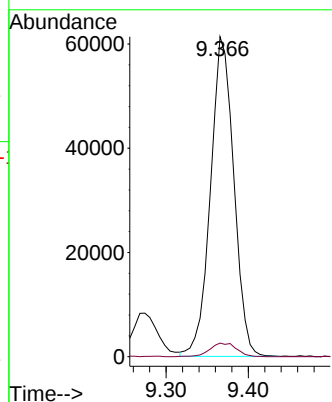
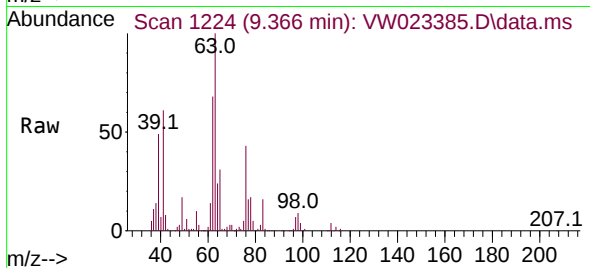
VSTD025560

Tgt Ion: 63 Resp: 120850

Ion Ratio Lower Upper

63 100

112 4.9 3.8 5.8



#38

Bromodichloromethane

Concen: 23.580 ug/L

RT: 9.646 min Scan# 1270

Delta R.T. -0.000 min

Lab File: VW023385.D

Acq: 03 Jun 2022 08:35

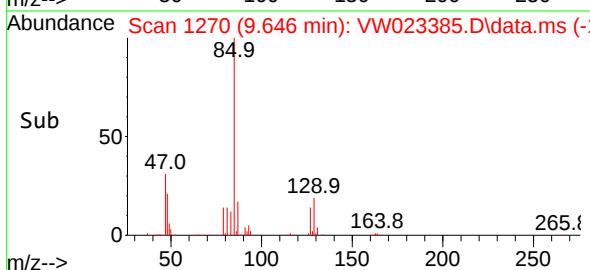
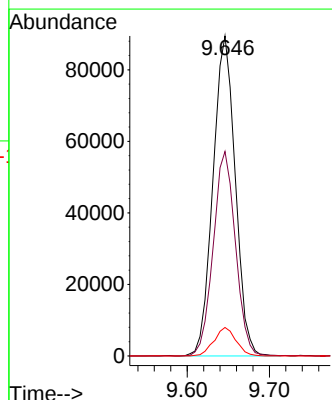
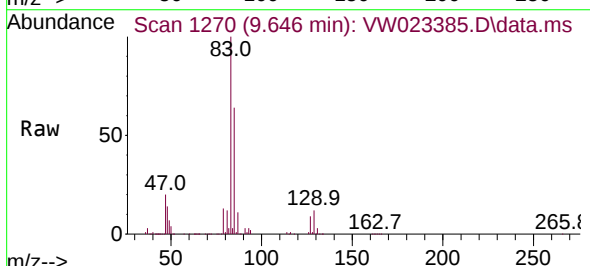
Tgt Ion: 83 Resp: 168554

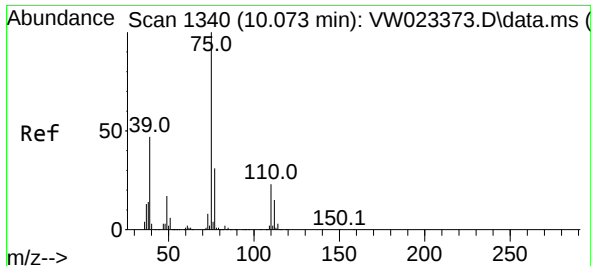
Ion Ratio Lower Upper

83 100

85 63.9 43.5 80.7

127 8.9 7.1 10.7

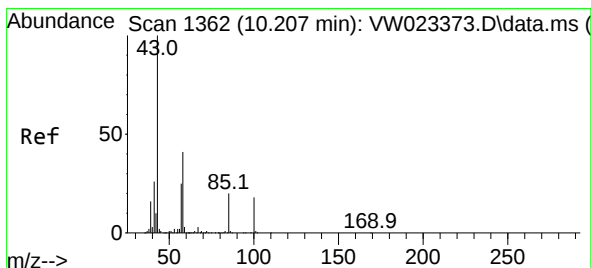
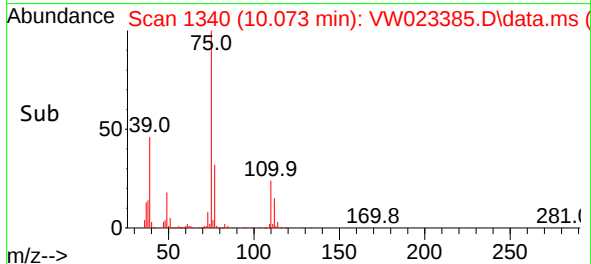
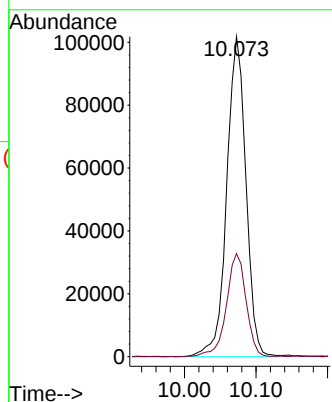
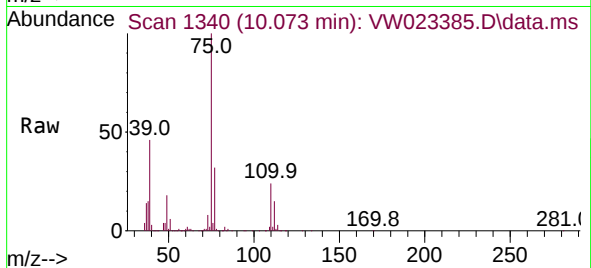




#39
 cis-1,3-Dichloropropene
 Concen: 23.887 ug/L
 RT: 10.073 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VW023385.D
 Acq: 03 Jun 2022 08:35

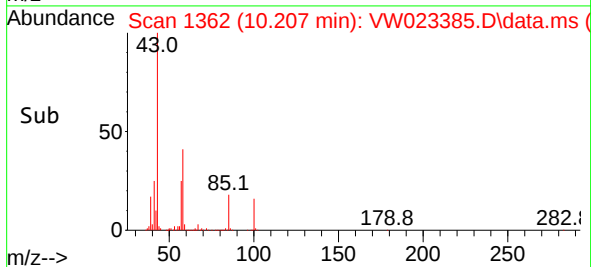
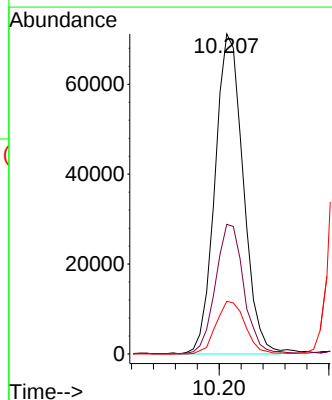
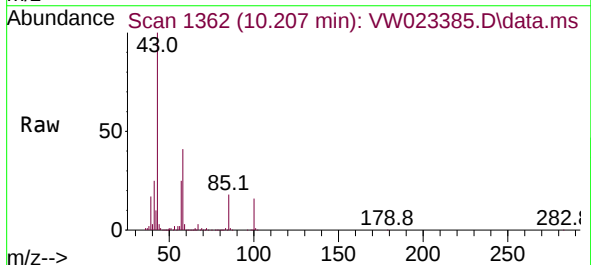
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025560

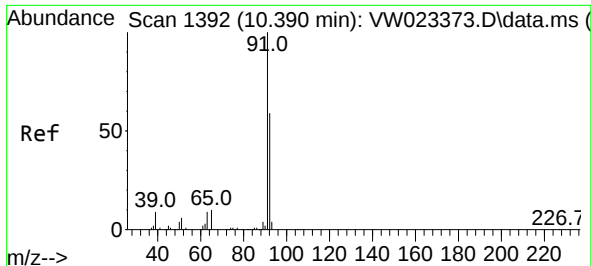
Tgt Ion: 75 Resp: 189472
 Ion Ratio Lower Upper
 75 100
 77 32.2 22.1 41.1



#40
 4-Methyl-2-pentanone
 Concen: 44.541 ug/L
 RT: 10.207 min Scan# 1362
 Delta R.T. -0.006 min
 Lab File: VW023385.D
 Acq: 03 Jun 2022 08:35

Tgt Ion: 43 Resp: 127444
 Ion Ratio Lower Upper
 43 100
 58 40.9 31.4 47.2
 100 16.9 14.2 21.4





#42

Toluene

Concen: 24.787 ug/L

RT: 10.390 min Scan# 1392

Delta R.T. -0.000 min

Lab File: VW023385.D

Acq: 03 Jun 2022 08:35

Instrument :

MSVOA_W

ClientSampleId :

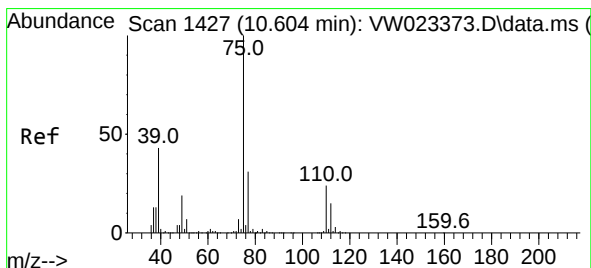
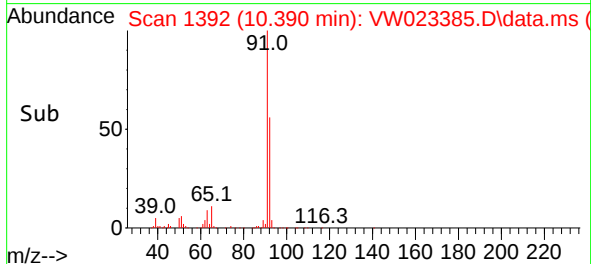
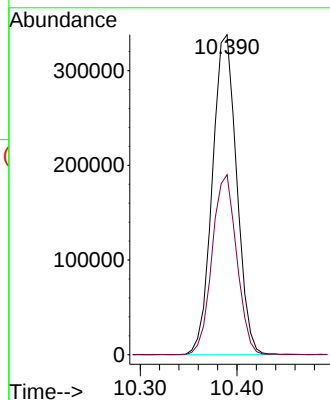
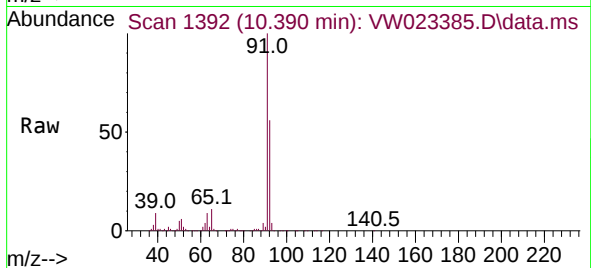
VSTD025560

Tgt Ion: 91 Resp: 590273

Ion Ratio Lower Upper

91 100

92 56.3 41.6 77.2



#44

trans-1,3-Dichloropropene

Concen: 23.254 ug/L

RT: 10.603 min Scan# 1427

Delta R.T. -0.000 min

Lab File: VW023385.D

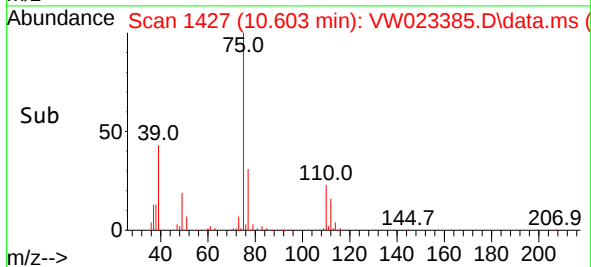
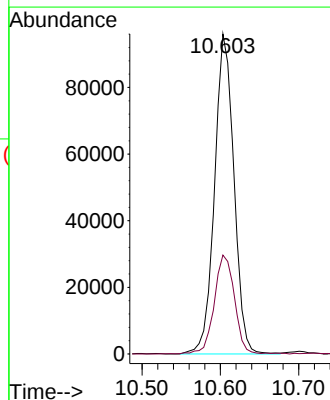
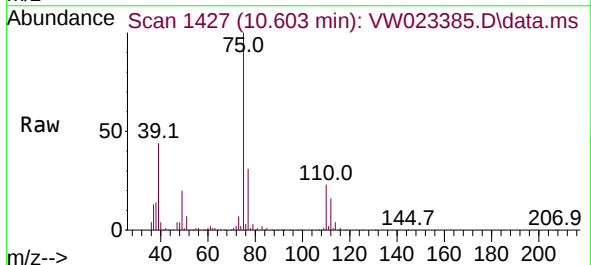
Acq: 03 Jun 2022 08:35

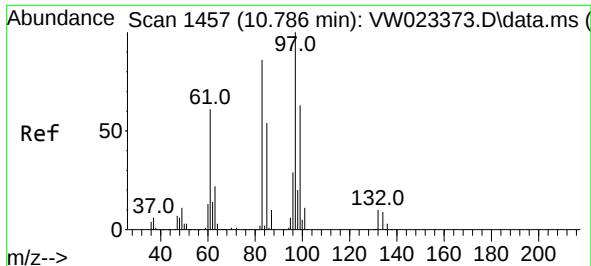
Tgt Ion: 75 Resp: 165047

Ion Ratio Lower Upper

75 100

77 30.9 22.0 40.8





#45

1,1,2-Trichloroethane

Concen: 22.943 ug/L

RT: 10.786 min Scan# 1457

Delta R.T. -0.000 min

Lab File: VW023385.D

Acq: 03 Jun 2022 08:35

Instrument :

MSVOA_W

ClientSampleId :

VSTD025560

Tgt Ion: 97 Resp: 94861

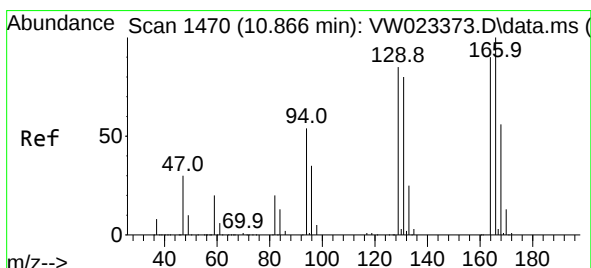
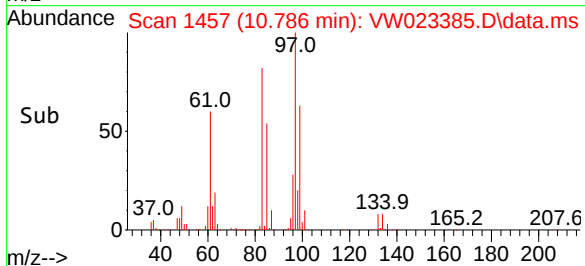
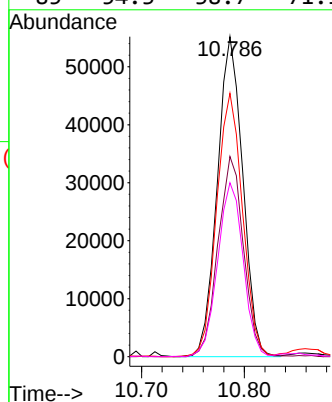
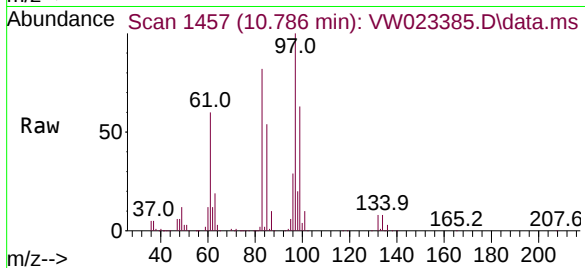
Ion Ratio Lower Upper

97 100

99 62.5 44.7 82.9

83 82.3 58.4 108.4

85 54.3 38.7 71.9



#46

Tetrachloroethene

Concen: 23.954 ug/L

RT: 10.859 min Scan# 1469

Delta R.T. -0.000 min

Lab File: VW023385.D

Acq: 03 Jun 2022 08:35

Tgt Ion:164 Resp: 111351

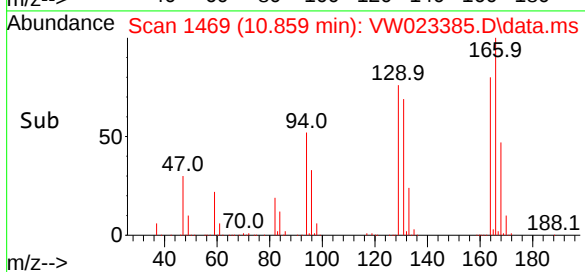
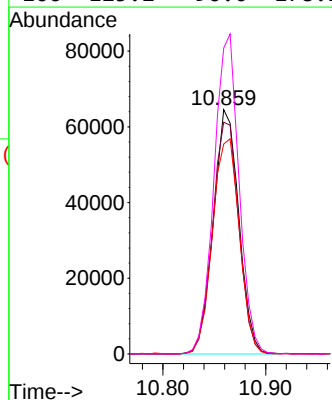
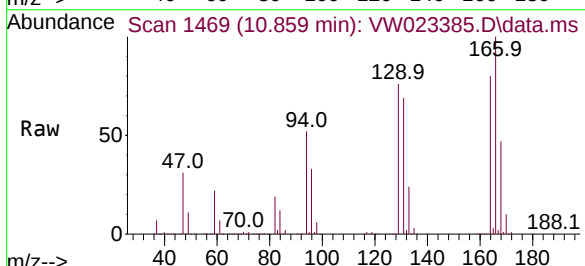
Ion Ratio Lower Upper

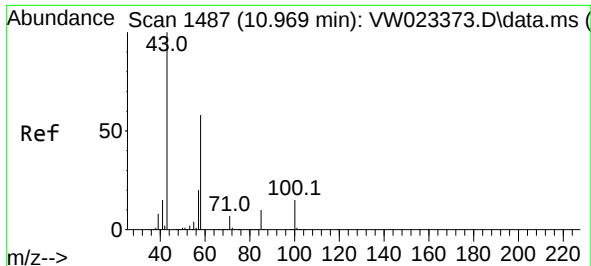
164 100

129 94.8 76.9 142.7

131 85.9 75.1 139.5

166 125.2 96.0 178.2

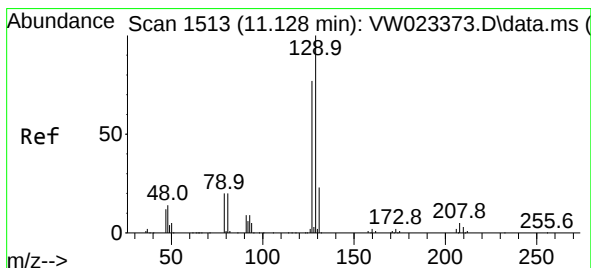
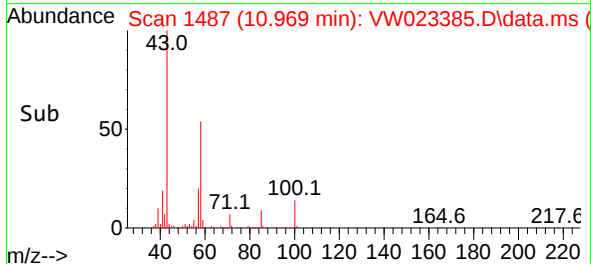
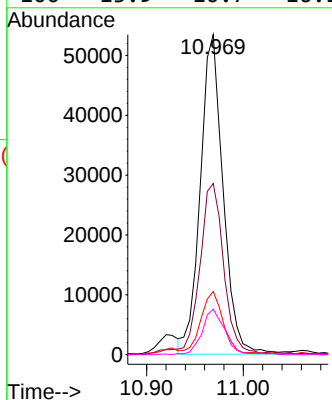
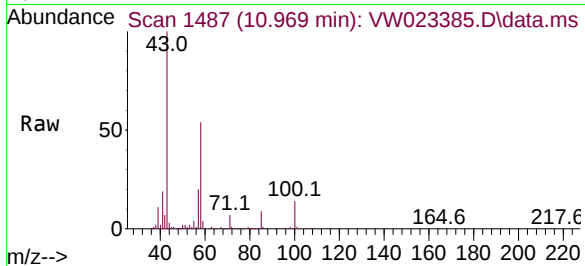




#48
2-Hexanone
Concen: 45.781 ug/L
RT: 10.969 min Scan# 1487
Delta R.T. -0.000 min
Lab File: VW023385.D
Acq: 03 Jun 2022 08:35

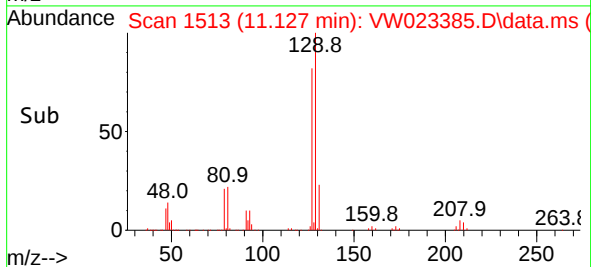
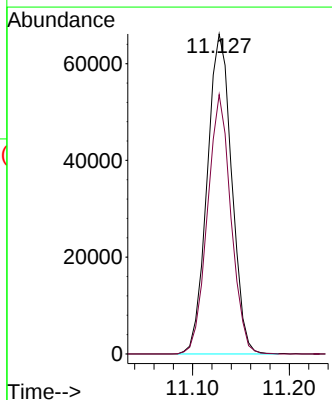
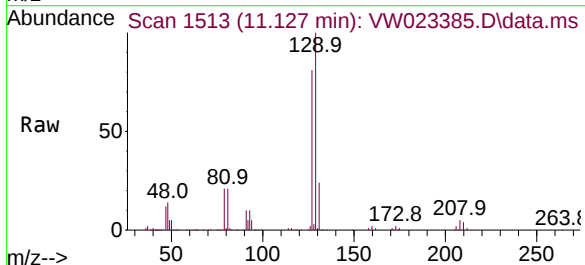
Instrument :
MSVOA_W
ClientSampleId :
VSTD025560

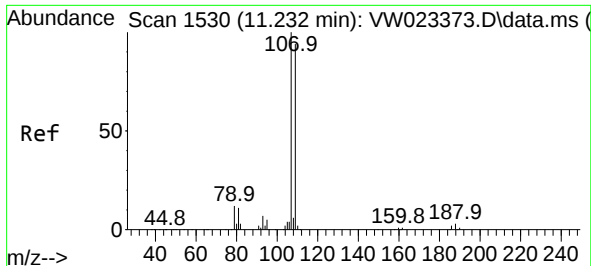
Tgt	Ion: 43	Resp:	87574
Ion	Ratio	Lower	Upper
43	100		
58	53.9	45.9	68.9
57	19.6	16.2	24.2
100	13.9	10.7	16.1



#49
Dibromochloromethane
Concen: 22.994 ug/L
RT: 11.127 min Scan# 1513
Delta R.T. -0.000 min
Lab File: VW023385.D
Acq: 03 Jun 2022 08:35

Tgt	Ion:129	Resp:	116662
Ion	Ratio	Lower	Upper
129	100		
127	81.1	53.8	100.0





#50

1,2-Dibromoethane

Concen: 23.172 ug/L

RT: 11.237 min Scan# 11

Delta R.T. -0.000 min

Lab File: VW023385.D

Acq: 03 Jun 2022 08:35

Instrument :

MSVOA_W

ClientSampleId :

VSTD025560

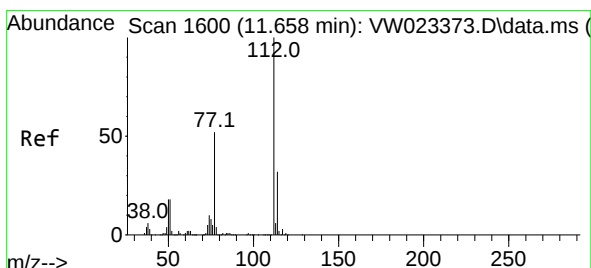
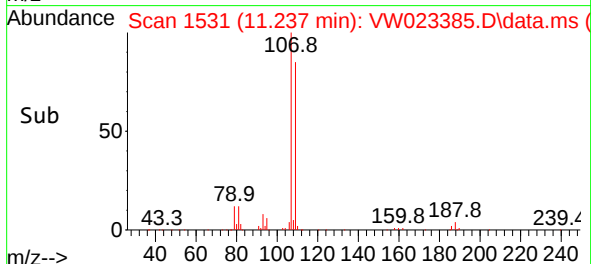
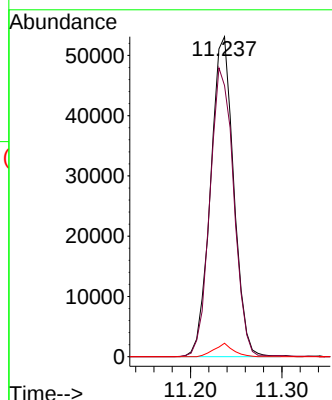
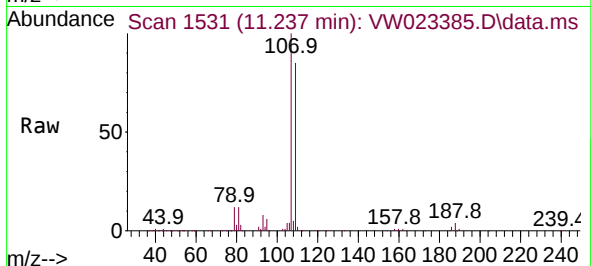
Tgt Ion:107 Resp: 93397

Ion Ratio Lower Upper

107 100

109 84.8 67.5 125.4

188 4.3 2.9 4.3



#51

Chlorobenzene

Concen: 24.113 ug/L

RT: 11.658 min Scan# 1600

Delta R.T. -0.000 min

Lab File: VW023385.D

Acq: 03 Jun 2022 08:35

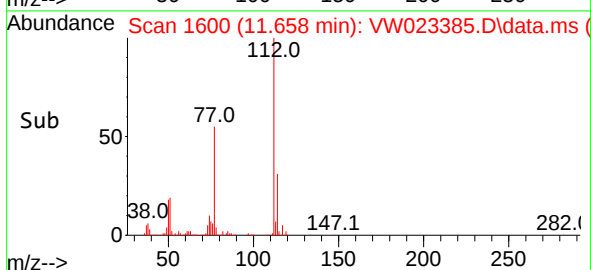
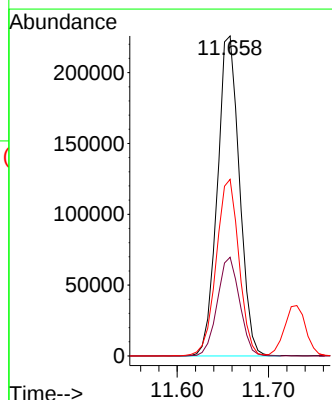
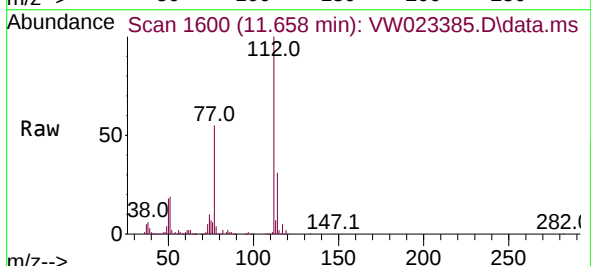
Tgt Ion:112 Resp: 379144

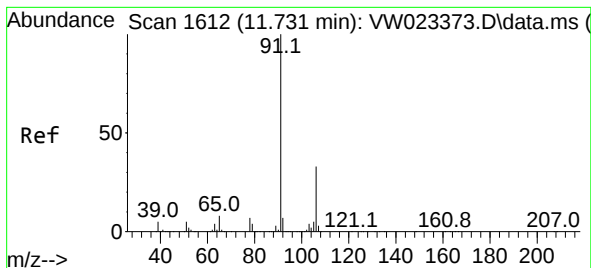
Ion Ratio Lower Upper

112 100

114 30.8 22.0 41.0

77 55.2 42.6 63.8

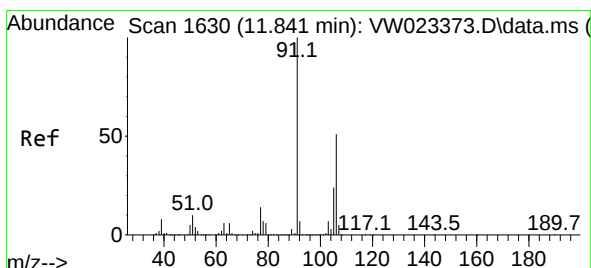
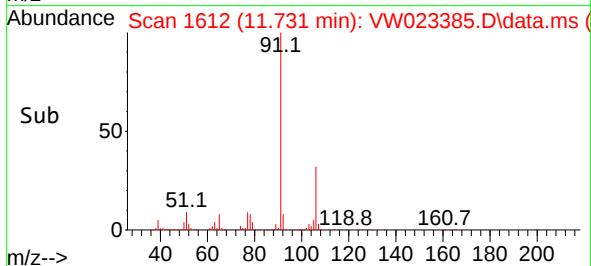
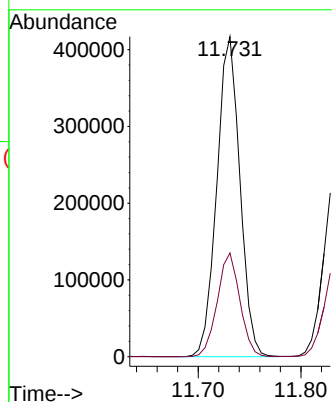
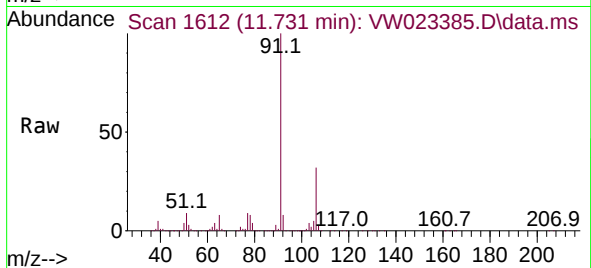




#52
Ethylbenzene
Concen: 24.842 ug/L
RT: 11.731 min Scan# 1612
Delta R.T. -0.000 min
Lab File: VW023385.D
Acq: 03 Jun 2022 08:35

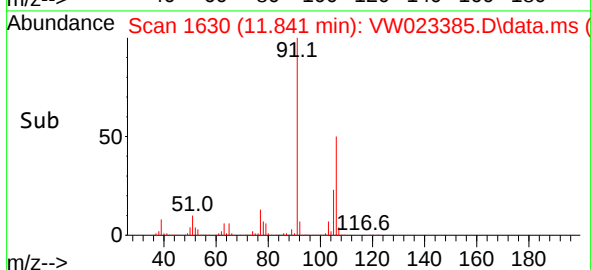
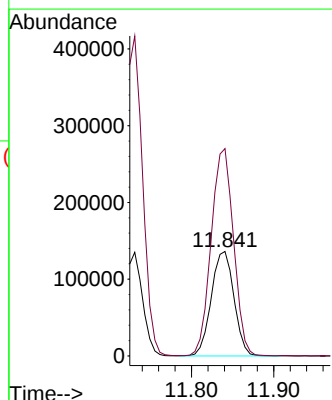
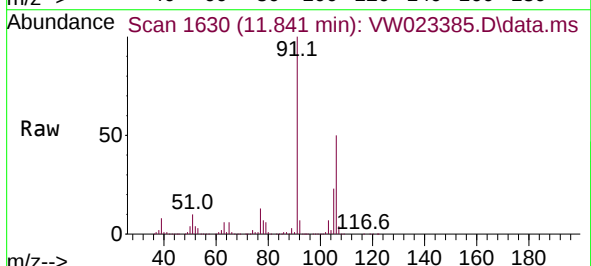
Instrument :
MSVOA_W
ClientSampleId :
VSTD025560

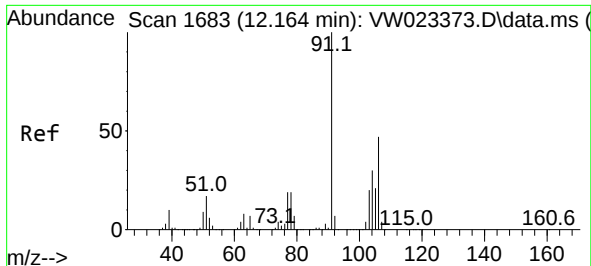
Tgt Ion: 91 Resp: 649625
Ion Ratio Lower Upper
91 100
106 32.4 22.3 41.3



#53
m,p-Xylene
Concen: 25.194 ug/L
RT: 11.841 min Scan# 1630
Delta R.T. 0.006 min
Lab File: VW023385.D
Acq: 03 Jun 2022 08:35

Tgt Ion:106 Resp: 260896
Ion Ratio Lower Upper
106 100
91 198.6 136.8 254.0

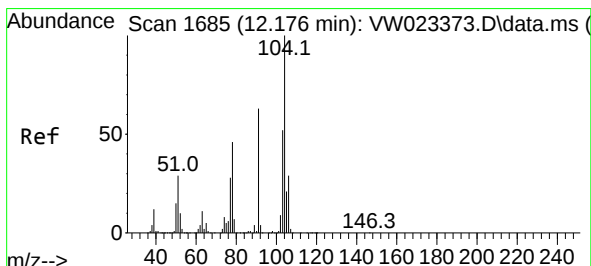
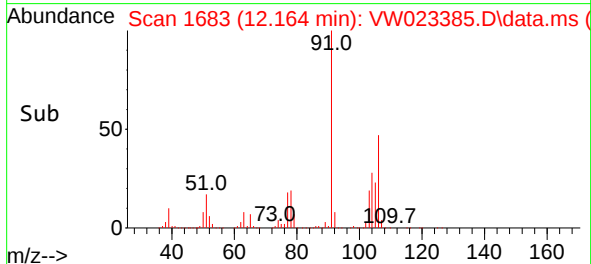
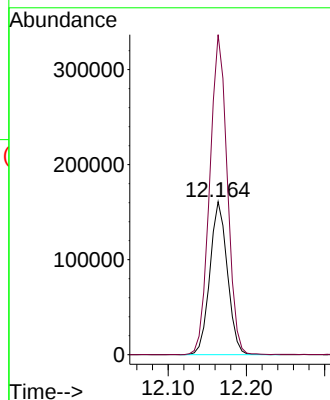
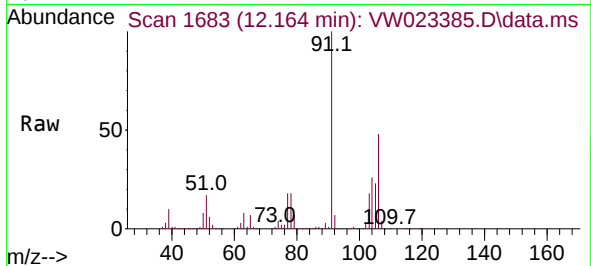




#54
o-Xylene
Concen: 25.159 ug/L
RT: 12.164 min Scan# 1683
Delta R.T. -0.000 min
Lab File: VW023385.D
Acq: 03 Jun 2022 08:35

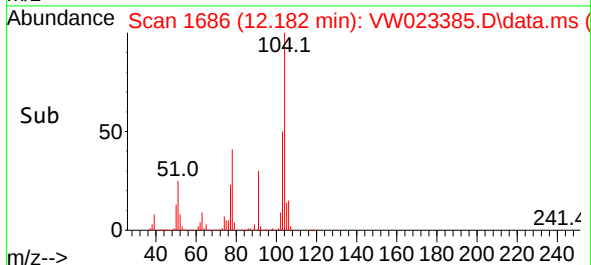
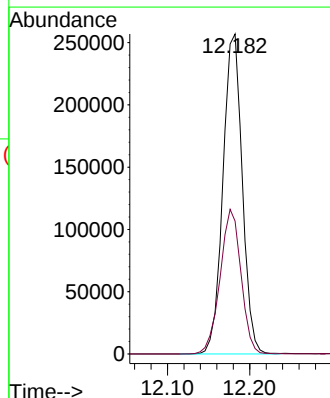
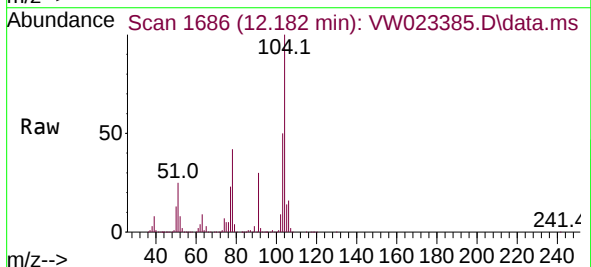
Instrument :
MSVOA_W
ClientSampleId :
VSTD025560

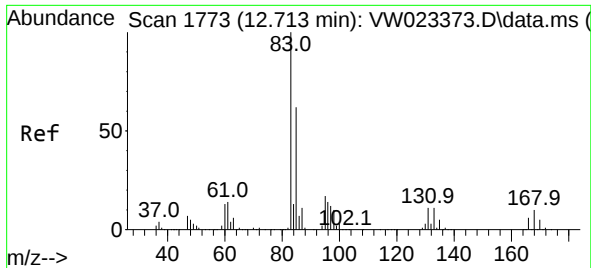
Tgt Ion:106 Resp: 249266
Ion Ratio Lower Upper
106 100
91 209.2 147.2 273.4



#55
Styrene
Concen: 24.871 ug/L
RT: 12.182 min Scan# 1686
Delta R.T. -0.000 min
Lab File: VW023385.D
Acq: 03 Jun 2022 08:35

Tgt Ion:104 Resp: 419935
Ion Ratio Lower Upper
104 100
78 41.5 32.3 59.9





#57

1,1,2,2-Tetrachloroethane

Concen: 22.965 ug/L

RT: 12.713 min Scan# 1

Delta R.T. -0.000 min

Lab File: VW023385.D

Acq: 03 Jun 2022 08:35

Instrument :

MSVOA_W

ClientSampleId :

VSTD025560

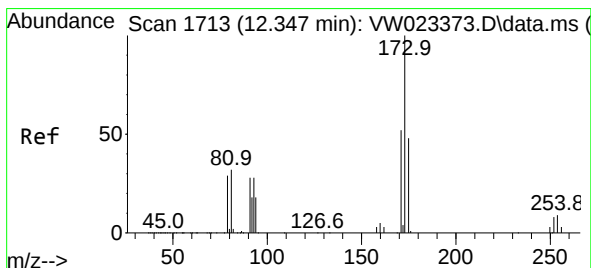
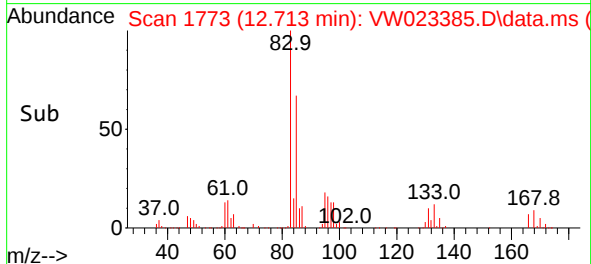
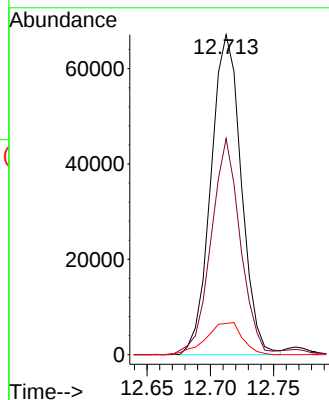
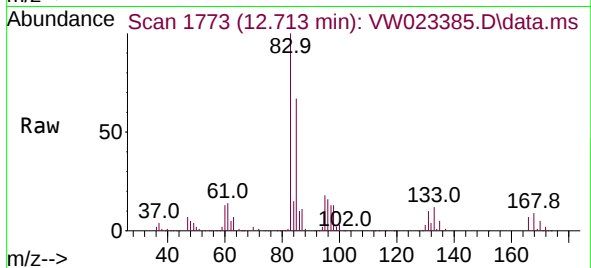
Tgt Ion: 83 Resp: 112145

Ion Ratio Lower Upper

83 100

85 67.5 47.5 88.1

131 9.8 8.7 13.1



#59

Bromoform

Concen: 20.349 ug/L

RT: 12.347 min Scan# 1713

Delta R.T. -0.000 min

Lab File: VW023385.D

Acq: 03 Jun 2022 08:35

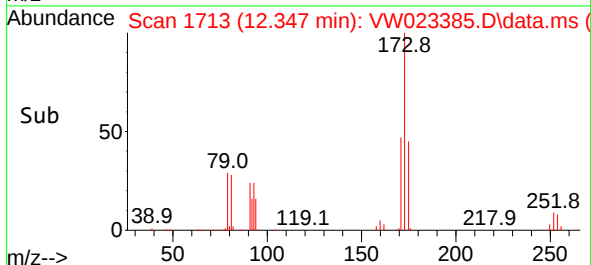
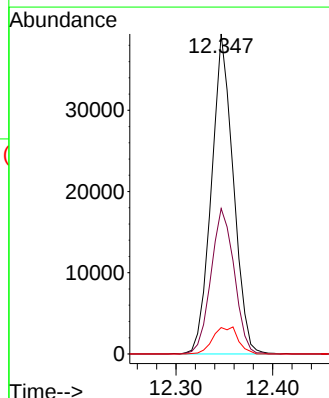
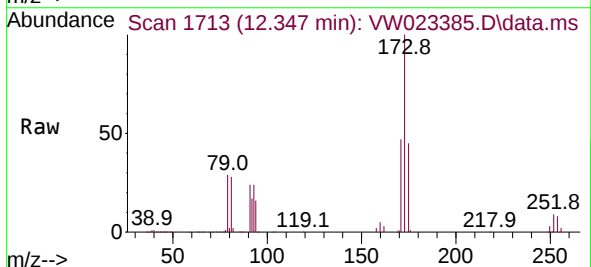
Tgt Ion: 173 Resp: 61924

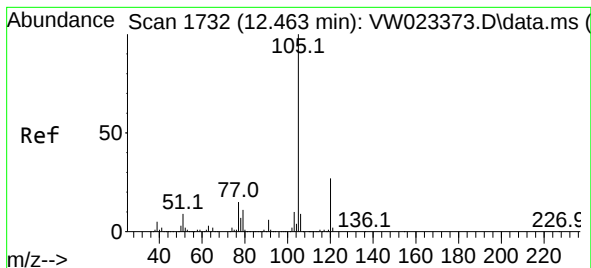
Ion Ratio Lower Upper

173 100

175 48.2 38.1 57.1

254 9.7 6.5 9.7





#60

Isopropylbenzene

Concen: 23.867 ug/L

RT: 12.463 min Scan# 1

Delta R.T. -0.000 min

Lab File: VW023385.D

Acq: 03 Jun 2022 08:35

Instrument :

MSVOA_W

ClientSampleId :

VSTD025560

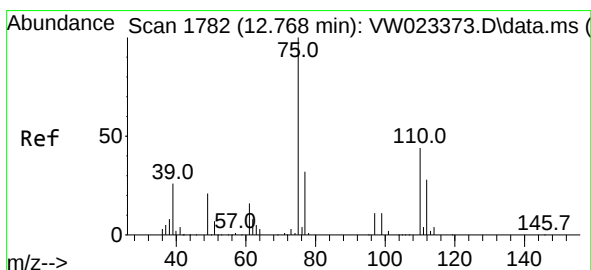
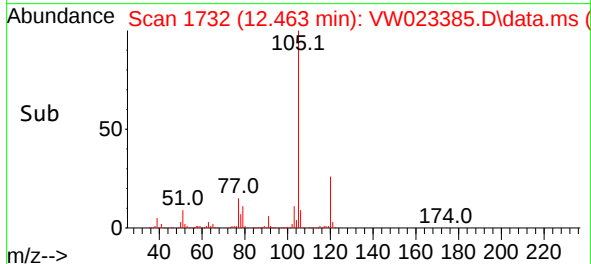
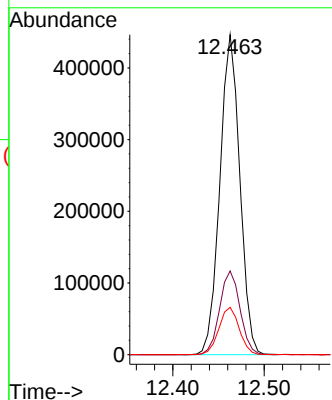
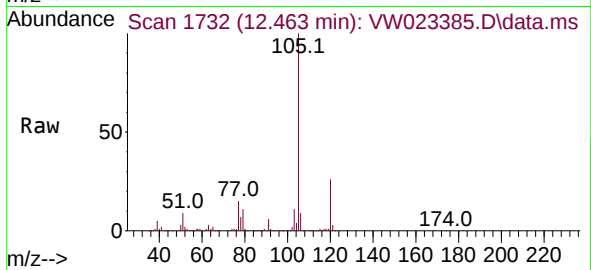
Tgt Ion:105 Resp: 678562

Ion Ratio Lower Upper

105 100

120 26.7 21.3 31.9

77 15.1 12.6 19.0



#61

1,2,3-Trichloropropane

Concen: 21.526 ug/L

RT: 12.767 min Scan# 1782

Delta R.T. -0.000 min

Lab File: VW023385.D

Acq: 03 Jun 2022 08:35

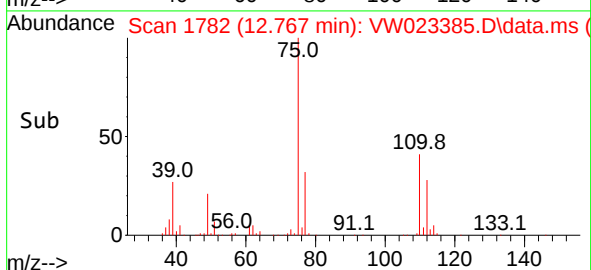
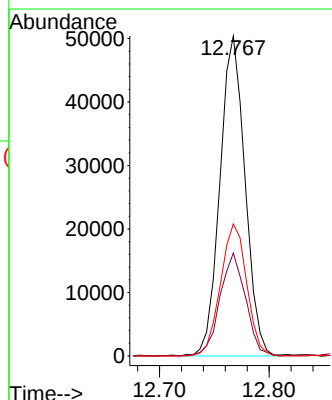
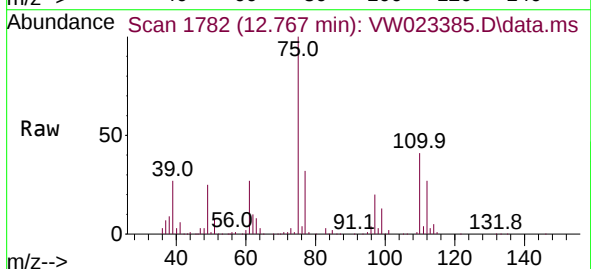
Tgt Ion: 75 Resp: 80211

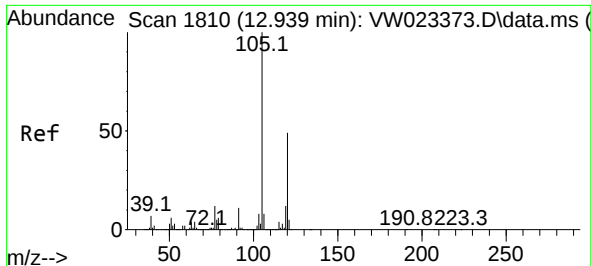
Ion Ratio Lower Upper

75 100

77 32.8 26.2 39.2

110 42.9 34.1 51.1





#62

1,3,5-Trimethylbenzene

Concen: 24.132 ug/L

RT: 12.938 min Scan# 1810

Delta R.T. -0.000 min

Lab File: VW023385.D

Acq: 03 Jun 2022 08:35

Instrument :

MSVOA_W

ClientSampleId :

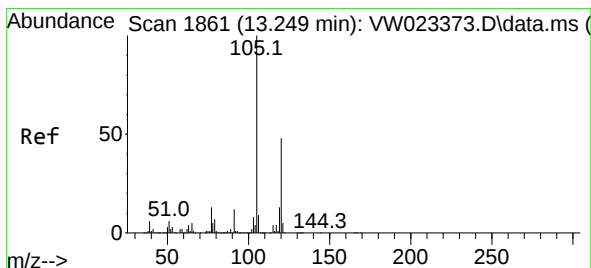
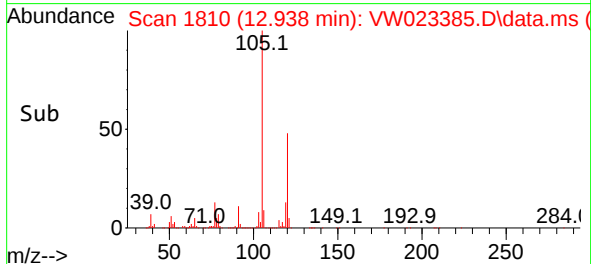
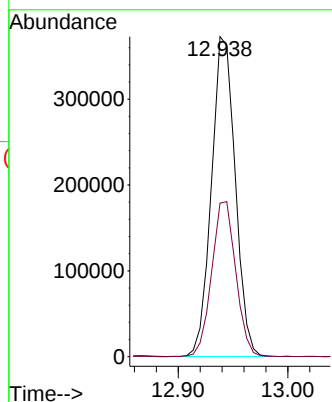
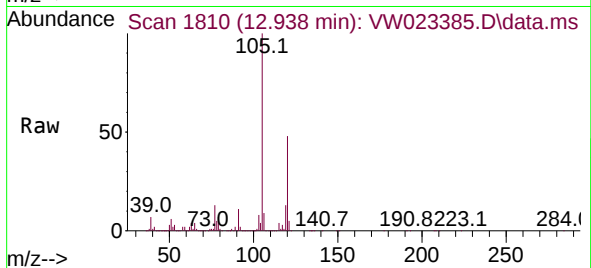
VSTD025560

Tgt Ion:105 Resp: 562137

Ion Ratio Lower Upper

105 100

120 49.2 38.9 58.3



#63

1,2,4-Trimethylbenzene

Concen: 24.523 ug/L

RT: 13.249 min Scan# 1861

Delta R.T. -0.000 min

Lab File: VW023385.D

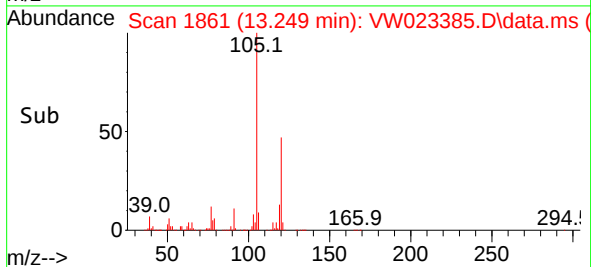
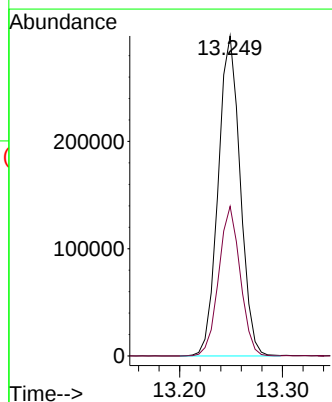
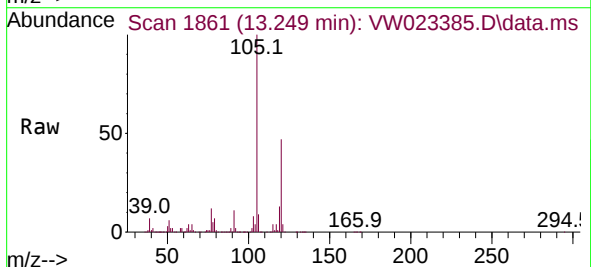
Acq: 03 Jun 2022 08:35

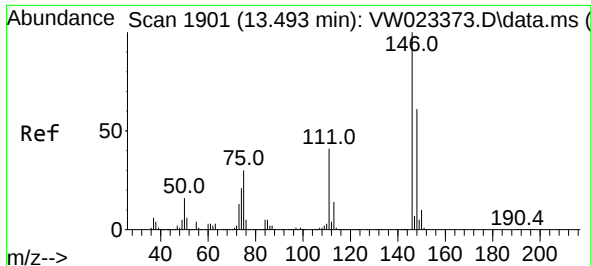
Tgt Ion:105 Resp: 443483

Ion Ratio Lower Upper

105 100

120 45.6 37.4 56.2

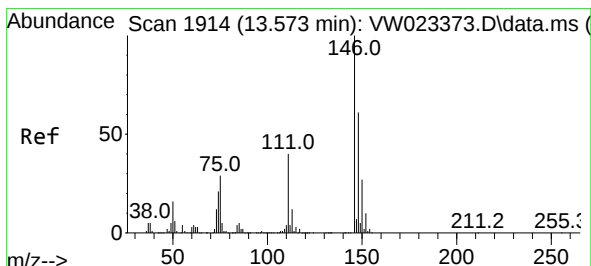
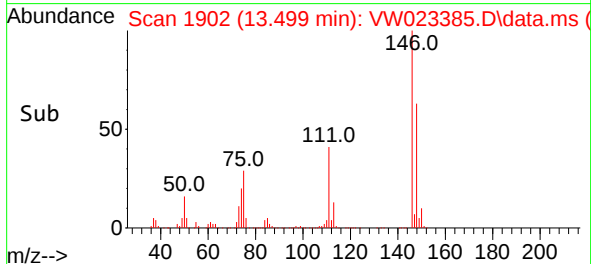
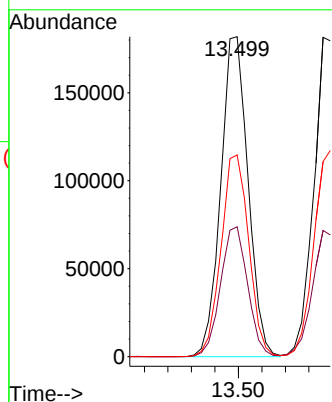
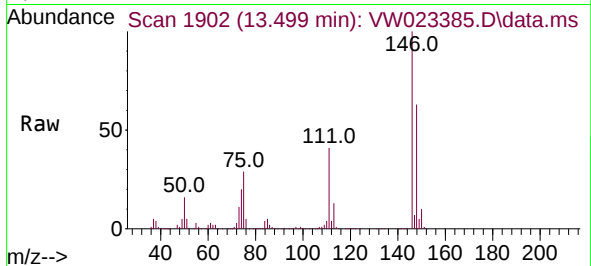




#64
1,3-Dichlorobenzene
Concen: 22.735 ug/L
RT: 13.499 min Scan# 1901
Delta R.T. -0.000 min
Lab File: VW023385.D
Acq: 03 Jun 2022 08:35

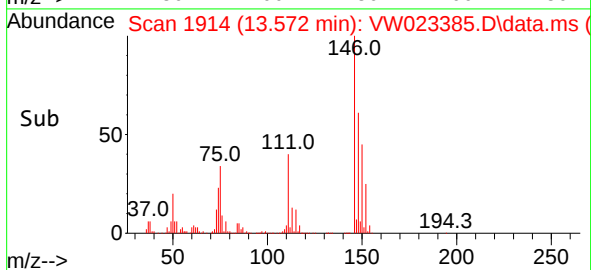
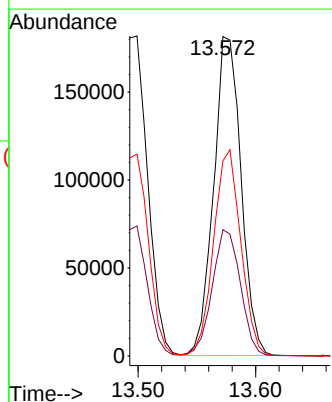
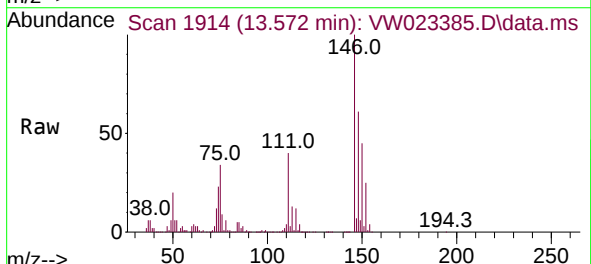
Instrument :
MSVOA_W
ClientSampleId :
VSTD025560

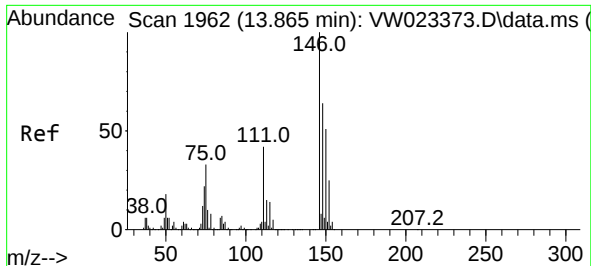
Tgt Ion:146 Resp: 293849
Ion Ratio Lower Upper
146 100
111 40.6 29.5 54.9
148 63.1 48.6 90.2



#65
1,4-Dichlorobenzene
Concen: 22.329 ug/L
RT: 13.572 min Scan# 1914
Delta R.T. -0.006 min
Lab File: VW023385.D
Acq: 03 Jun 2022 08:35

Tgt Ion:146 Resp: 295024
Ion Ratio Lower Upper
146 100
111 39.6 27.2 50.4
148 61.1 44.0 81.6





#67

1,2-Dichlorobenzene

Concen: 23.488 ug/L

RT: 13.865 min Scan# 1962

Delta R.T. -0.006 min

Lab File: VW023385.D

Acq: 03 Jun 2022 08:35

Instrument :

MSVOA_W

ClientSampleId :

VSTD025560

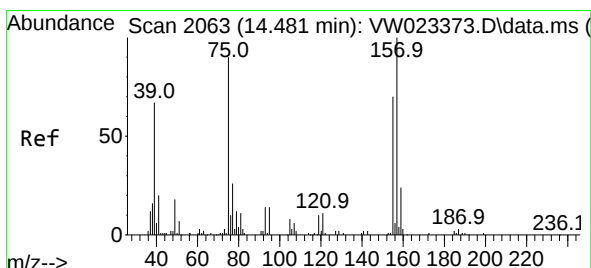
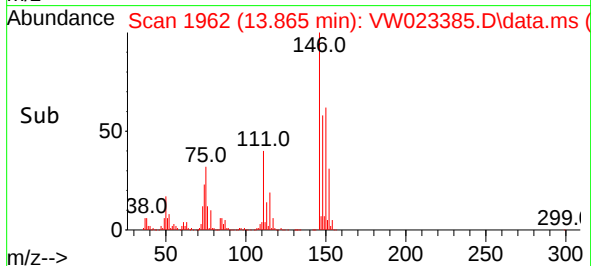
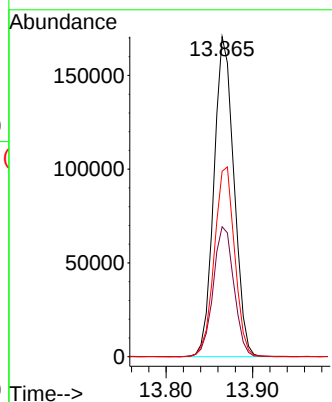
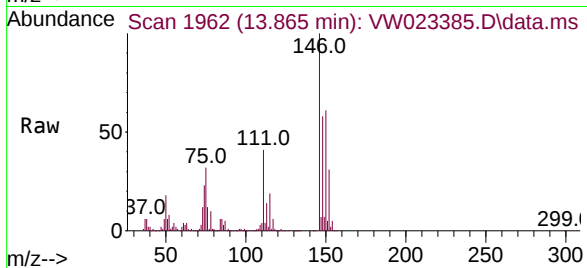
Tgt Ion:146 Resp: 274405

Ion Ratio Lower Upper

146 100

111 40.6 35.7 53.5

148 58.0 52.6 79.0



#68

1,2-Dibromo-3-chloropropane

Concen: 19.525 ug/L

RT: 14.480 min Scan# 2063

Delta R.T. -0.000 min

Lab File: VW023385.D

Acq: 03 Jun 2022 08:35

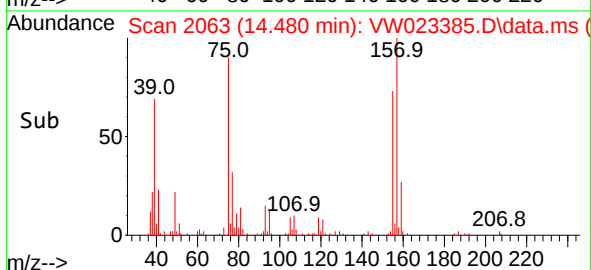
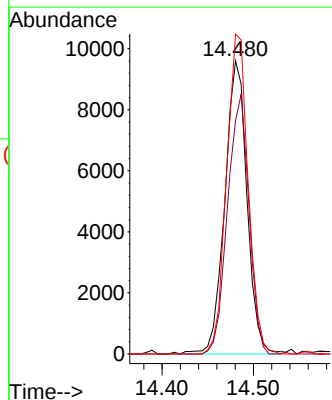
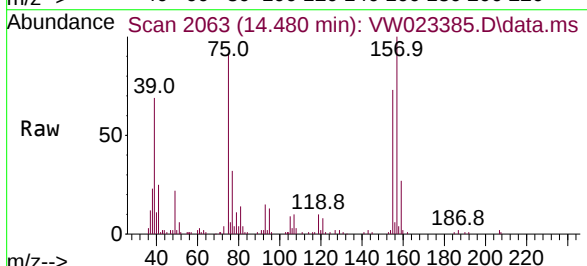
Tgt Ion: 75 Resp: 16205

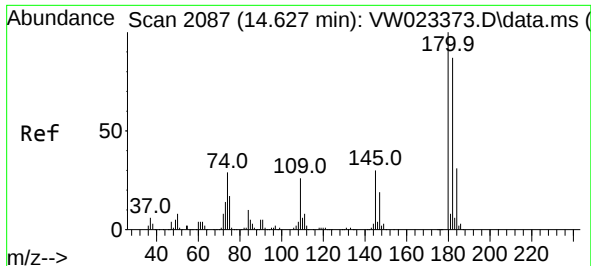
Ion Ratio Lower Upper

75 100

155 79.6 59.3 88.9

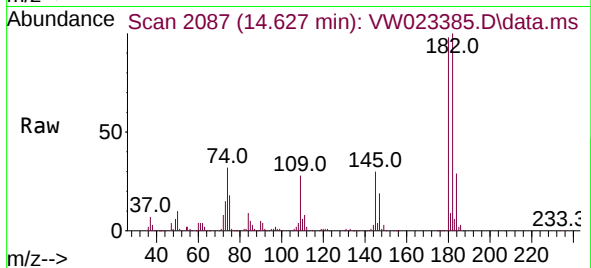
157 109.2 89.8 134.8



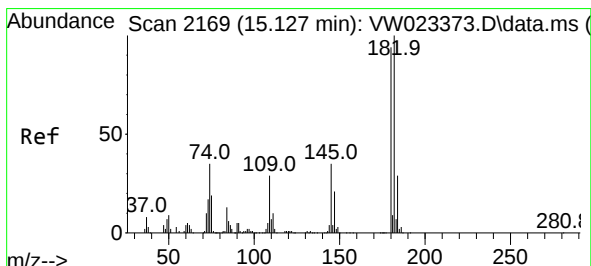
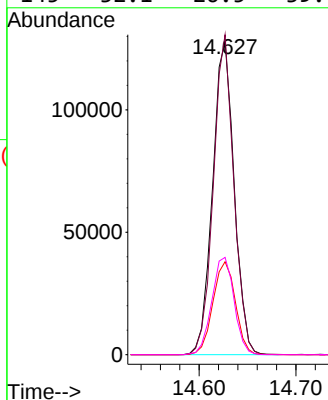
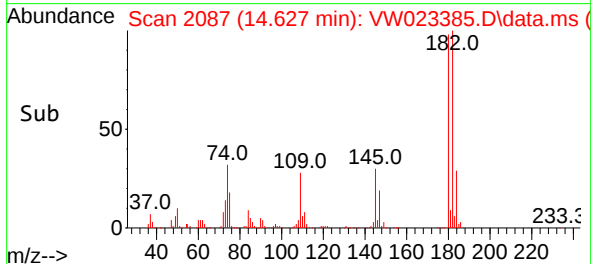


#69
1,3,5-Trichlorobenzene
Concen: 23.191 ug/L
RT: 14.627 min Scan# 2087
Delta R.T. 0.006 min
Lab File: VW023385.D
Acq: 03 Jun 2022 08:35

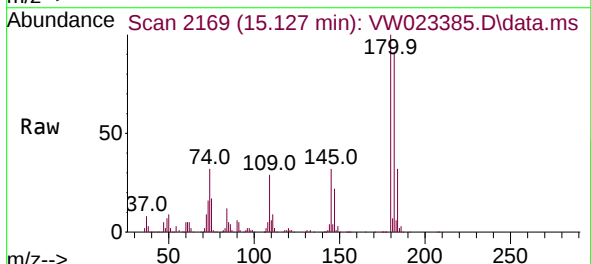
Instrument :
MSVOA_W
ClientSampleId :
VSTD025560



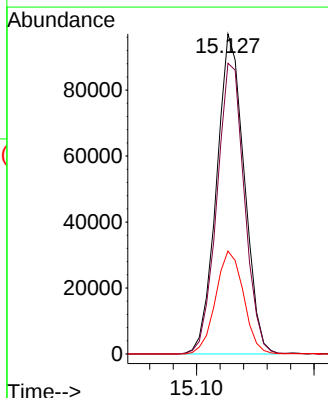
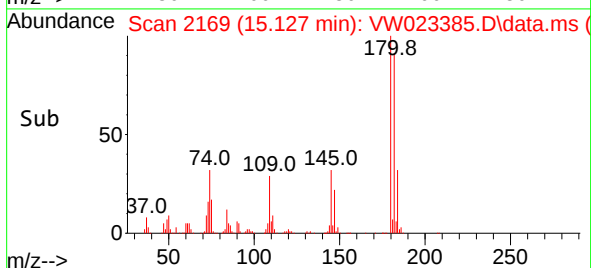
Tgt Ion:	180	Resp:	197954
Ion Ratio	Lower	Upper	
180	100		
182	96.5	74.8	112.2
184	31.0	23.4	35.2
145	32.1	26.5	39.7

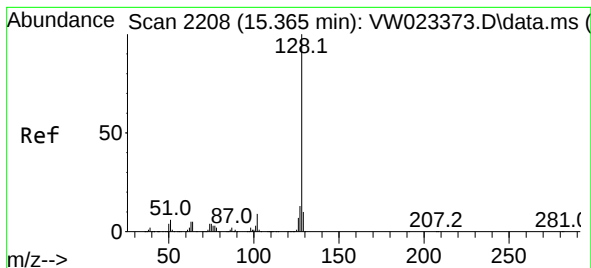


#70
1,2,4-trichlorobenzene
Concen: 23.419 ug/L
RT: 15.127 min Scan# 2169
Delta R.T. -0.000 min
Lab File: VW023385.D
Acq: 03 Jun 2022 08:35



Tgt Ion:	180	Resp:	158828
Ion Ratio	Lower	Upper	
180	100		
182	90.4	74.9	112.3
145	32.4	26.6	39.8





#71

Naphthalene

Concen: 23.120 ug/L

RT: 15.358 min Scan# 21

Delta R.T. -0.006 min

Lab File: VW023385.D

Acq: 03 Jun 2022 08:35

Instrument :

MSVOA_W

ClientSampleId :

VSTD025560

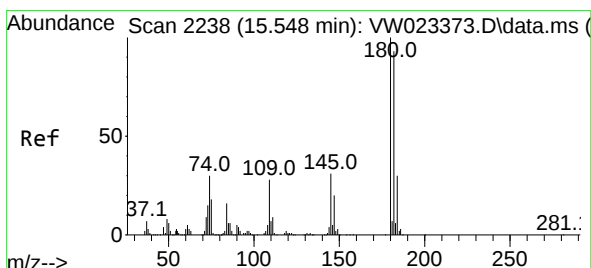
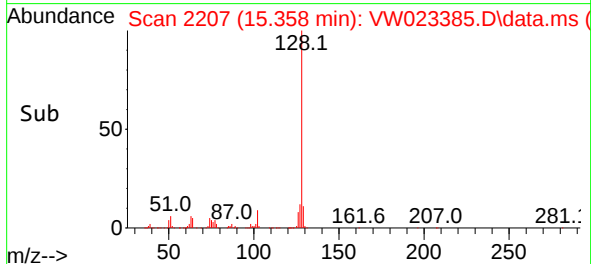
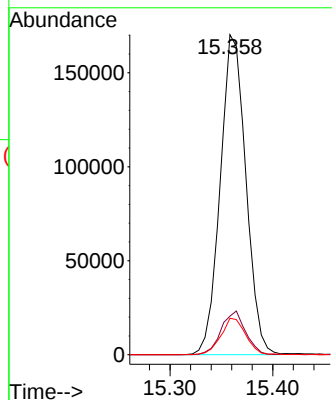
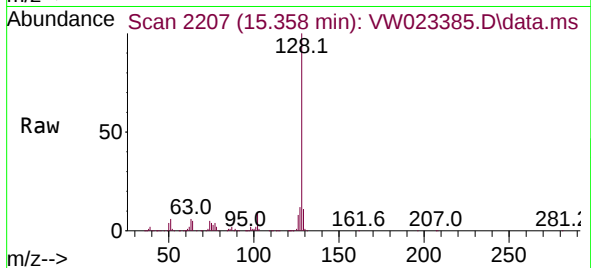
Tgt Ion:128 Resp: 295210

Ion Ratio Lower Upper

128 100

127 13.0 10.6 16.0

129 10.9 8.7 13.1



#72

1,2,3-Trichlorobenzene

Concen: 22.645 ug/L

RT: 15.553 min Scan# 2239

Delta R.T. 0.006 min

Lab File: VW023385.D

Acq: 03 Jun 2022 08:35

Tgt Ion:180 Resp: 132935

Ion Ratio Lower Upper

180 100

182 95.3 73.5 110.3

145 35.4 27.9 41.9

