

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW011122\
 Data File : VW021833.D
 Acq On : 11 Jan 2022 15:06
 Operator : SY/VA
 Sample : VSTDICV025
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Jan 12 00:42:26 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM011122SMA.M
 Quant Title : SFAM01.0
 QLast Update : Wed Jan 12 00:38:42 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.841	114	132075	25.000	ug/L	# 0.00
28) Chlorobenzene-d5	11.628	117	130738	25.000	ug/L	# 0.00
58) 1,4-Dichlorobenzene-d4	13.560	152	78432	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.355	65	58367	23.776	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	95.120%
7) Chloroethane-d5	2.885	69	47571	21.460	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	85.840%
11) 1,1-Dichloroethene-d2	4.019	63	91801	23.687	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	94.760%
21) 2-Butanone-d5	7.086	46	17764	51.269	ug/L	-0.01
Spiked Amount	50.000	Range	20 - 135	Recovery	=	102.540%
24) Chloroform-d	7.653	84	101516	23.792	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	95.160%
26) 1,2-Dichloroethane-d4	8.305	65	48951	23.757	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	95.040%
32) Benzene-d6	8.274	84	202895	23.917	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	95.680%
36) 1,2-Dichloropropane-d6	9.274	67	53197	23.792	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	95.160%
41) Toluene-d8	10.323	98	205055	23.978	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	95.920%
43) trans-1,3-Dichloroprop...	10.579	79	23300	24.543	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	98.160%
47) 2-Hexanone-d5	10.926	63	16860	55.570	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	111.140%
56) 1,1,2,2-Tetrachloroeth...	12.688	84	43005	24.596	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	98.400%
66) 1,2-Dichlorobenzene-d4	13.853	152	77177	23.931	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	95.720%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.007	85	14113	27.105	ug/L	100
3) Chloromethane	2.215	50	42108	22.305	ug/L	100
5) Vinyl chloride	2.361	62	58350	21.516	ug/L	99
6) Bromomethane	2.782	94	48448	25.266	ug/L	98
8) Chloroethane	2.922	64	32883	20.063	ug/L	98
9) Trichlorofluoromethane	3.263	101	42133	20.907	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	4.062	101	28752	13.107	ug/L	# 27
12) 1,1-Dichloroethene	4.037	96	45053	22.853	ug/L	75
13) Acetone	4.147	43	12969	45.305	ug/L	85
14) Carbon disulfide	4.385	76	120370	23.322	ug/L	100
15) Methyl Acetate	4.684	43	14203	24.548	ug/L	# 84
16) Methylene chloride	4.915	84	46393	20.525	ug/L	76
17) trans-1,2-Dichloroethene	5.427	96	49141	23.068	ug/L	78
18) Methyl tert-butyl Ether	5.434	73	65262	24.024	ug/L	# 90
19) 1,1-Dichloroethane	6.220	63	72253	23.128	ug/L	97
20) cis-1,2-Dichloroethene	7.171	96	51958	23.710	ug/L	71
22) 2-Butanone	7.177	43	18111	49.496	ug/L	80
23) Bromochloromethane	7.519	128	25966	23.813	ug/L	# 53
25) Chloroform	7.677	83	85483	23.126	ug/L	96

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 Quant Title : SFAM01.0
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 Response via : Initial Calibration

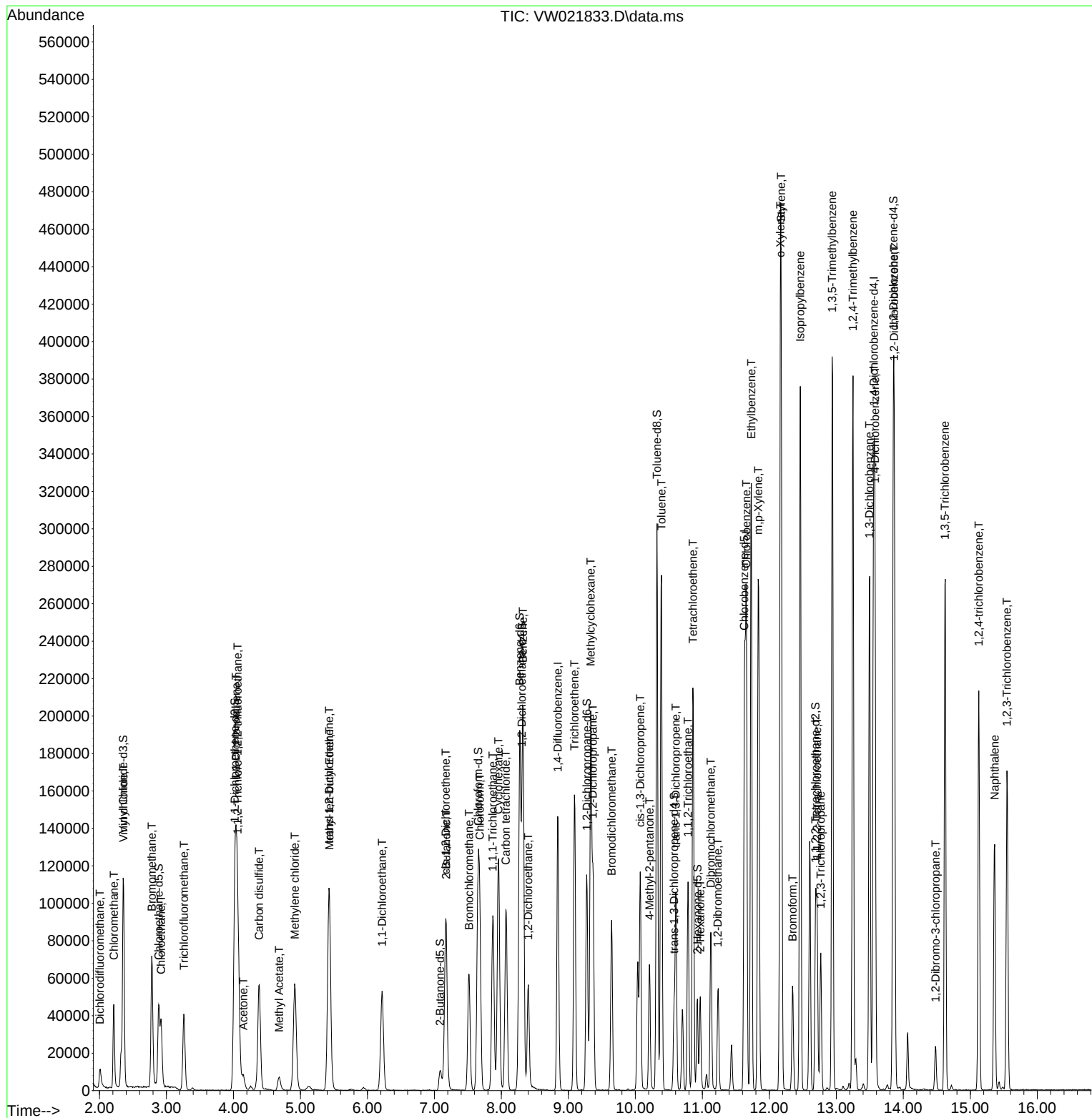
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.403	62	50105	23.408	ug/L #	92
29) Cyclohexane	7.957	56	67612	23.117	ug/L #	76
30) 1,1,1-Trichloroethane	7.872	97	78280	23.100	ug/L #	92
31) Carbon tetrachloride	8.067	117	76426	23.273	ug/L	97
33) Benzene	8.323	78	183502	22.890	ug/L	100
34) Trichloroethene	9.091	95	53013	22.793	ug/L	89
35) Methylcyclohexane	9.335	83	88099	23.034	ug/L #	80
37) 1,2-Dichloropropane	9.366	63	39872	22.830	ug/L #	93
38) Bromodichloromethane	9.646	83	58203	23.873	ug/L #	95
39) cis-1,3-Dichloropropene	10.073	75	66516	24.511	ug/L	99
40) 4-Methyl-2-pentanone	10.213	43	40496	49.361	ug/L #	85
42) Toluene	10.390	91	208639	23.205	ug/L	100
44) trans-1,3-Dichloropropene	10.603	75	55578	24.470	ug/L	98
45) 1,1,2-Trichloroethane	10.786	97	34630	23.355	ug/L	95
46) Tetrachloroethene	10.859	164	51755	22.503	ug/L	96
48) 2-Hexanone	10.969	43	28768	51.250	ug/L #	86
49) Dibromochloromethane	11.128	129	46710	25.001	ug/L	99
50) 1,2-Dibromoethane	11.231	107	36658	24.906	ug/L #	97
51) Chlorobenzene	11.658	112	146349	23.053	ug/L #	87
52) Ethylbenzene	11.731	91	233806	23.408	ug/L	94
53) m,p-Xylene	11.835	106	96613	23.132	ug/L	82
54) o-Xylene	12.164	106	93124	24.017	ug/L	87
55) Styrene	12.176	104	154510	24.137	ug/L	91
57) 1,1,2,2-Tetrachloroethane	12.713	83	37894	23.752	ug/L #	95
59) Bromoform	12.347	173	25242	23.605	ug/L	99
60) Isopropylbenzene	12.463	105	251150	23.515	ug/L	92
61) 1,2,3-Trichloropropane	12.768	75	28478	25.407	ug/L #	89
62) 1,3,5-Trimethylbenzene	12.938	105	218475	24.702	ug/L	91
63) 1,2,4-Trimethylbenzene	13.249	105	213536	24.480	ug/L	94
64) 1,3-Dichlorobenzene	13.493	146	125136	23.303	ug/L	91
65) 1,4-Dichlorobenzene	13.578	146	122836	23.168	ug/L	95
67) 1,2-Dichlorobenzene	13.865	146	107575	22.881	ug/L	91
68) 1,2-Dibromo-3-chloropr...	14.481	75	5437	25.119	ug/L #	61
69) 1,3,5-Trichlorobenzene	14.621	180	93187	23.348	ug/L	100
70) 1,2,4-trichlorobenzene	15.127	180	73486	23.108	ug/L	92
71) Naphthalene	15.365	128	121017	24.669	ug/L	99
72) 1,2,3-Trichlorobenzene	15.548	180	61228	23.314	ug/L	97

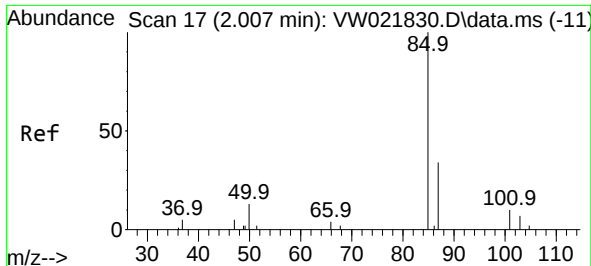
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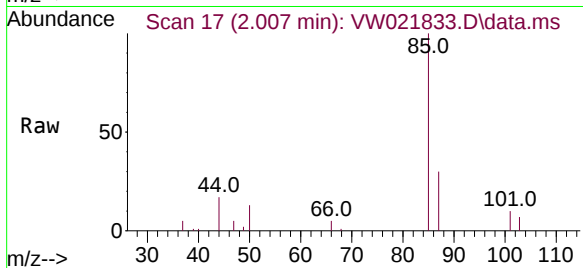
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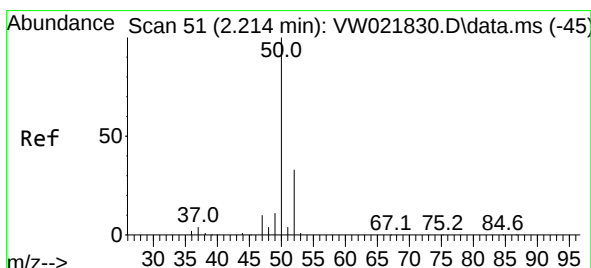
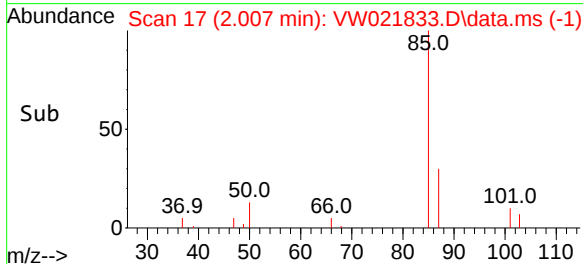
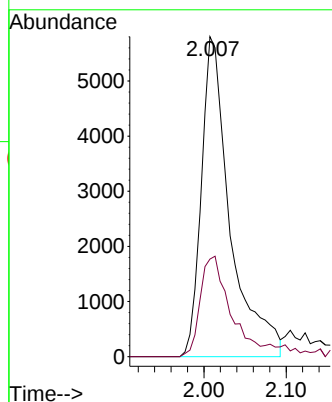


#2
 Dichlorodifluoromethane
 Concen: 27.105 ug/L
 RT: 2.007 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VW021833.D
 Acq: 11 Jan 2022 15:06

Instrument :
 MSVOA_W
 ClientSampleId :

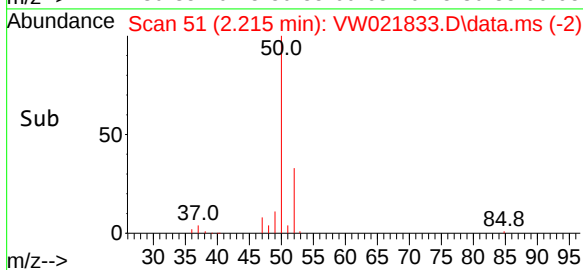
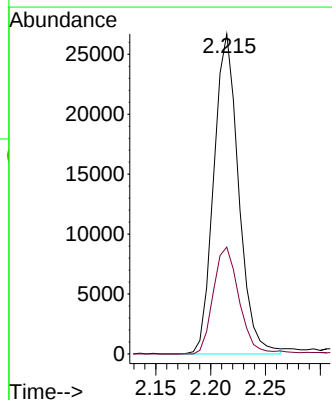
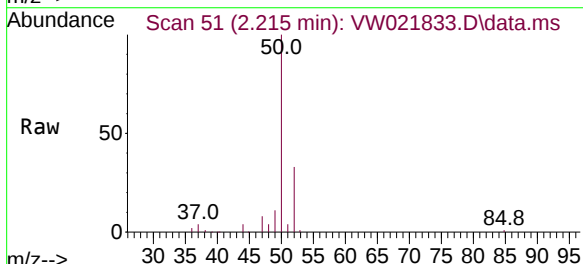


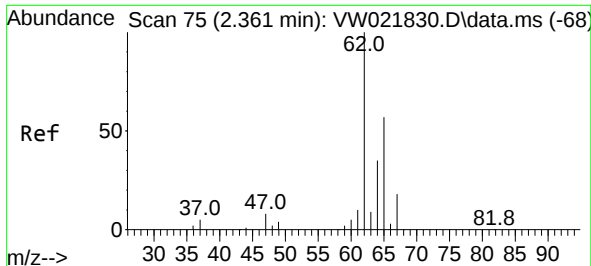
Tgt Ion: 85 Resp: 14113
 Ion Ratio Lower Upper
 85 100
 87 32.3 25.8 38.6



#3
 Chloromethane
 Concen: 22.305 ug/L
 RT: 2.215 min Scan# 51
 Delta R.T. 0.000 min
 Lab File: VW021833.D
 Acq: 11 Jan 2022 15:06

Tgt Ion: 50 Resp: 42108
 Ion Ratio Lower Upper
 50 100
 52 33.4 23.4 43.6

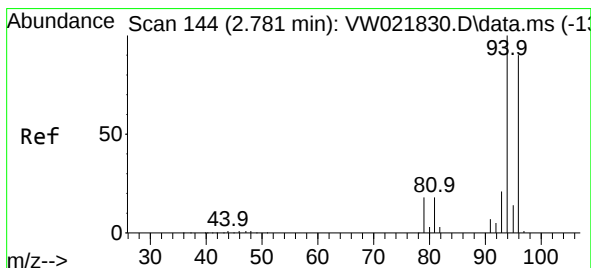
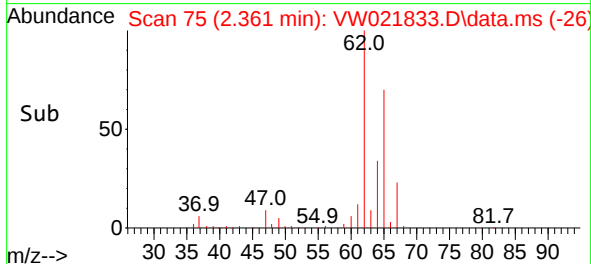
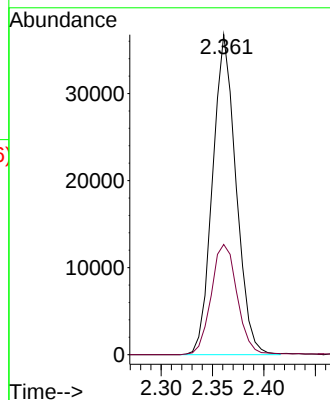
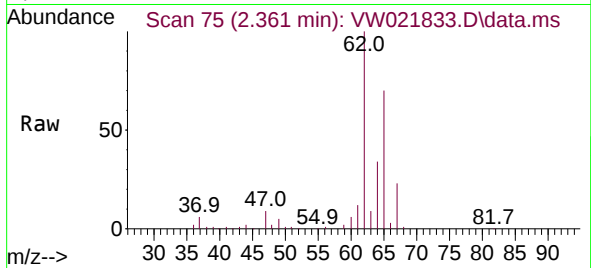




#5
 Vinyl chloride
 Concen: 21.516 ug/L
 RT: 2.361 min Scan# 75
 Delta R.T. 0.000 min
 Lab File: VW021833.D
 Acq: 11 Jan 2022 15:06

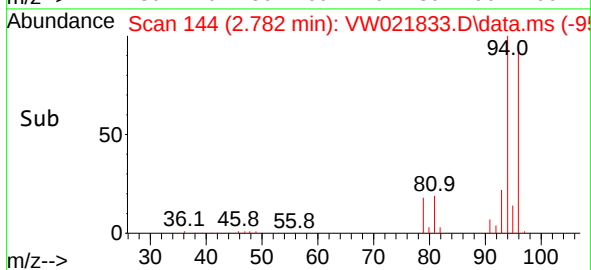
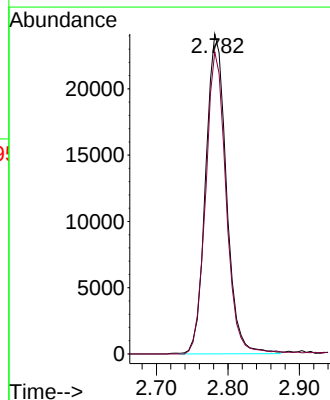
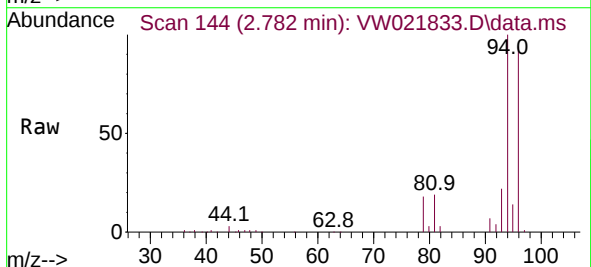
Instrument :
 MSVOA_W
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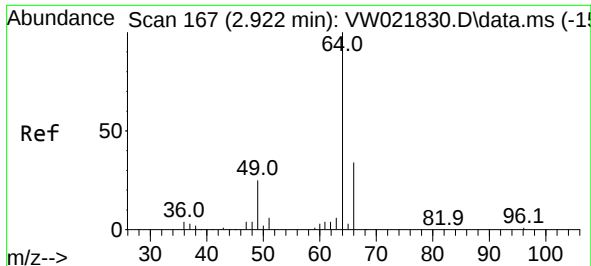
Tgt Ion: 62 Resp: 58350
 Ion Ratio Lower Upper
 62 100
 64 34.4 24.4 45.2



#6
 Bromomethane
 Concen: 25.266 ug/L
 RT: 2.782 min Scan# 144
 Delta R.T. 0.000 min
 Lab File: VW021833.D
 Acq: 11 Jan 2022 15:06

Tgt Ion: 94 Resp: 48448
 Ion Ratio Lower Upper
 94 100
 96 94.4 64.8 120.4

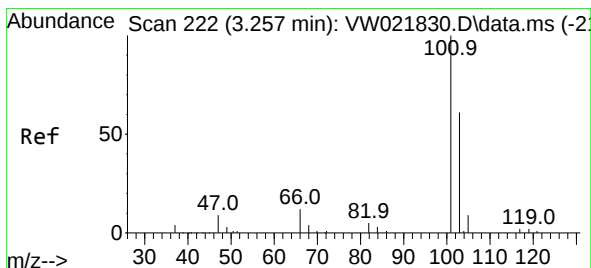
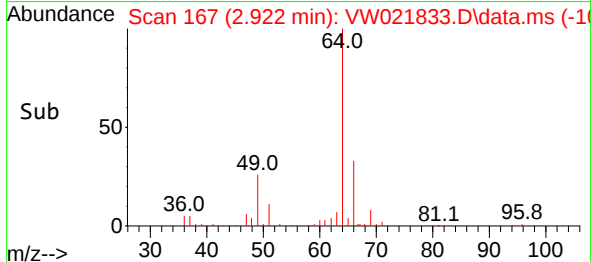
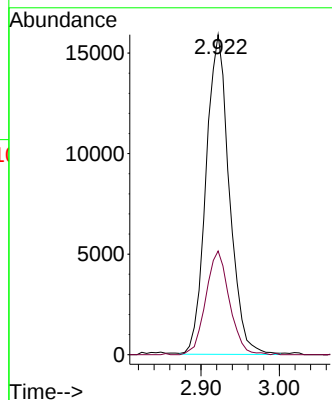
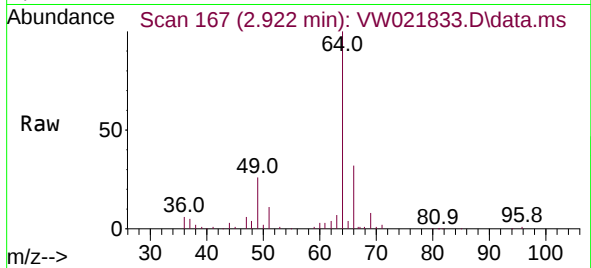




#8
Chloroethane
Concen: 20.063 ug/L
RT: 2.922 min Scan# 167
Delta R.T. 0.000 min
Lab File: VW021833.D
Acq: 11 Jan 2022 15:06

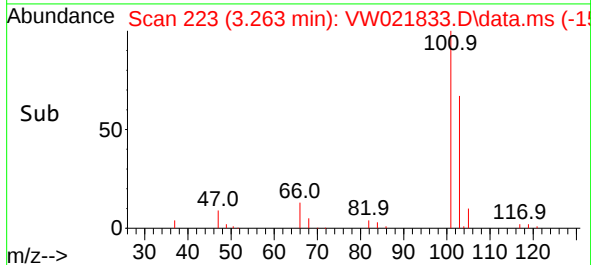
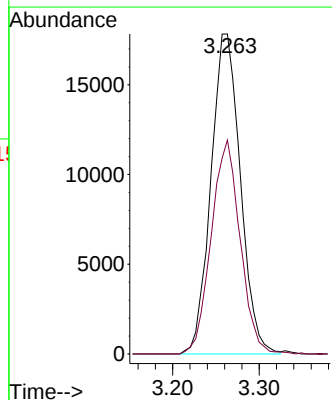
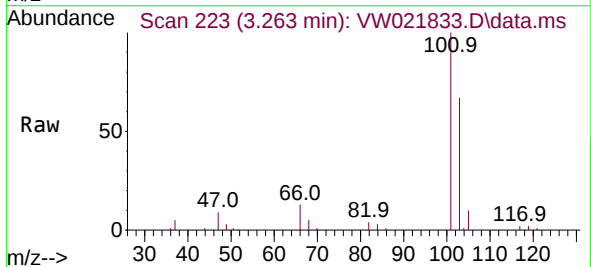
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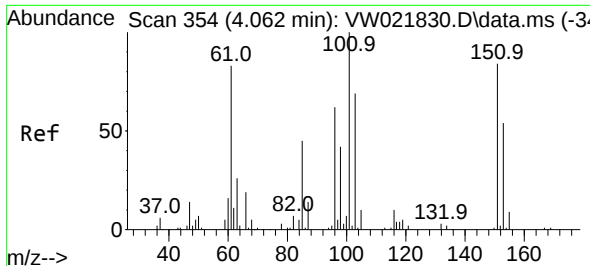
Tgt Ion: 64 Resp: 32883
Ion Ratio Lower Upper
64 100
66 32.4 22.0 40.8



#9
Trichlorofluoromethane
Concen: 20.907 ug/L
RT: 3.263 min Scan# 223
Delta R.T. 0.006 min
Lab File: VW021833.D
Acq: 11 Jan 2022 15:06

Tgt Ion:101 Resp: 42133
Ion Ratio Lower Upper
101 100
103 65.6 51.4 77.2

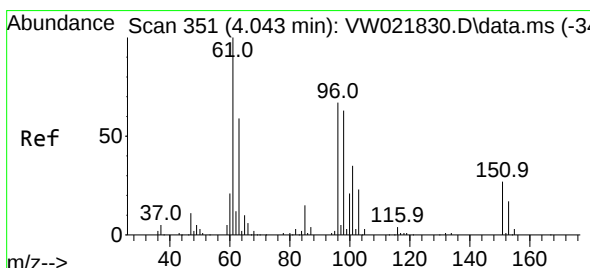
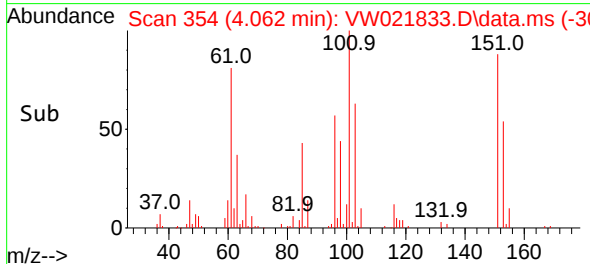
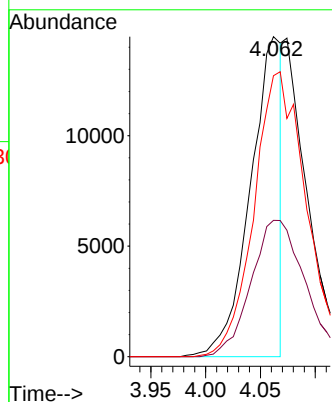
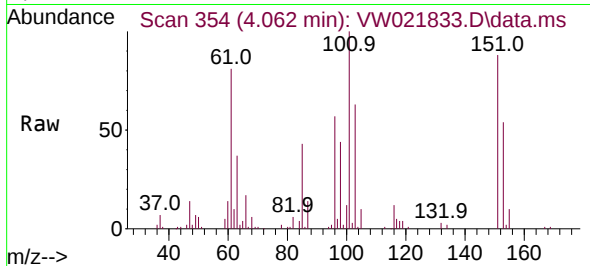




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 13.107 ug/L
 RT: 4.062 min Scan# 31
 Delta R.T. 0.000 min
 Lab File: VW021833.D
 Acq: 11 Jan 2022 15:06

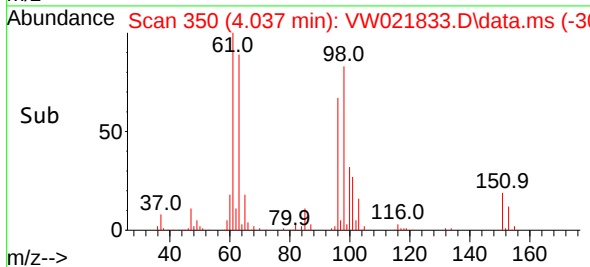
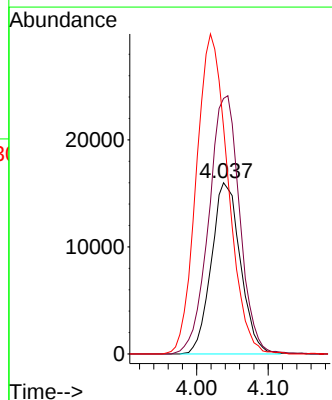
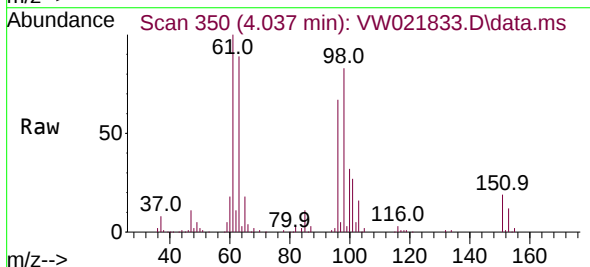
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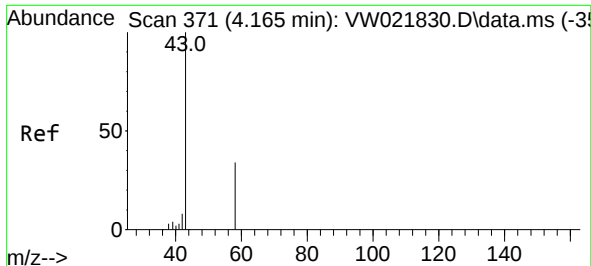
Tgt Ion:101 Resp: 28752
 Ion Ratio Lower Upper
 101 100
 85 73.5 36.6 54.8#
 151 148.2 57.4 86.0#



#12
 1,1-Dichloroethene
 Concen: 22.853 ug/L
 RT: 4.037 min Scan# 350
 Delta R.T. -0.006 min
 Lab File: VW021833.D
 Acq: 11 Jan 2022 15:06

Tgt Ion: 96 Resp: 45053
 Ion Ratio Lower Upper
 96 100
 61 149.2 138.3 256.9
 63 132.5 82.6 153.4





#13

Acetone

Concen: 45.305 ug/L

RT: 4.147 min Scan# 3

Delta R.T. -0.018 min

Lab File: VW021833.D

Acq: 11 Jan 2022 15:06

Instrument :

MSVOA_W

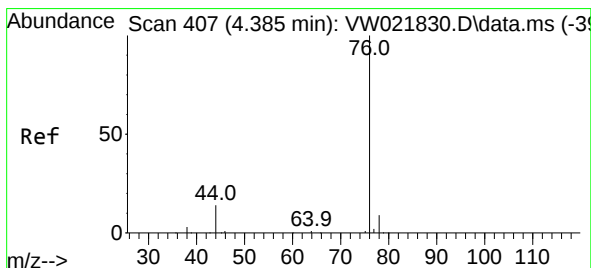
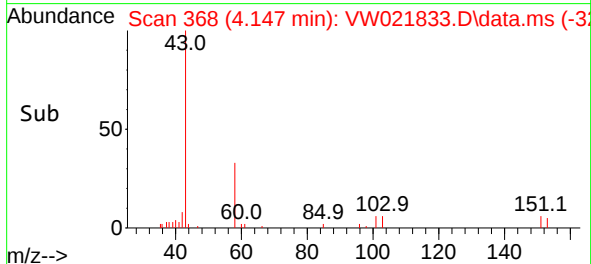
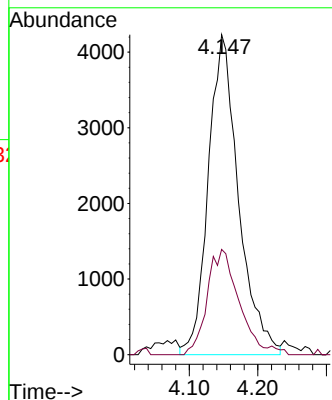
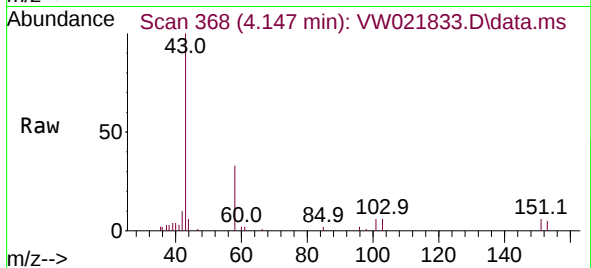
ClientSampleId :

Tgt Ion: 43 Resp: 12969

Ion Ratio Lower Upper

43 100

58 34.0 0.0 52.8



#14

Carbon disulfide

Concen: 23.322 ug/L

RT: 4.385 min Scan# 407

Delta R.T. 0.000 min

Lab File: VW021833.D

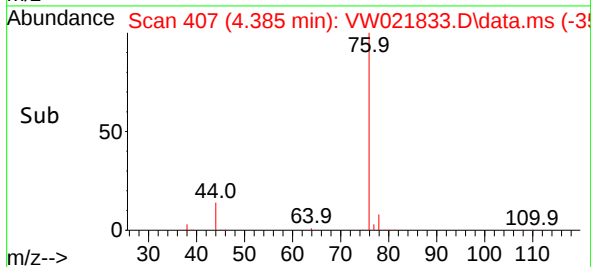
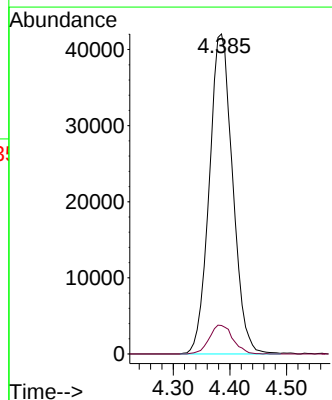
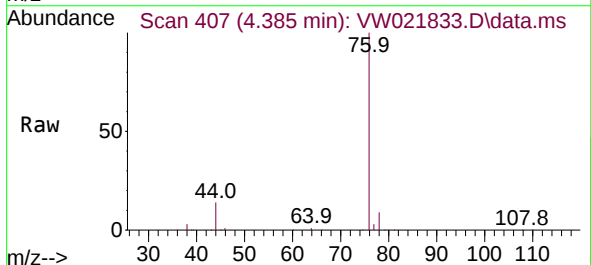
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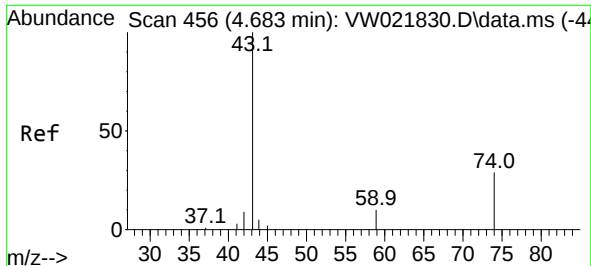
Tgt Ion: 76 Resp: 120370

Ion Ratio Lower Upper

76 100

78 8.9 7.1 10.7

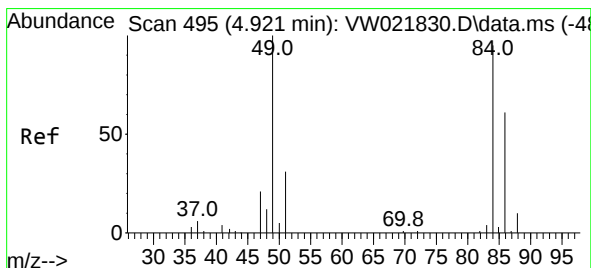
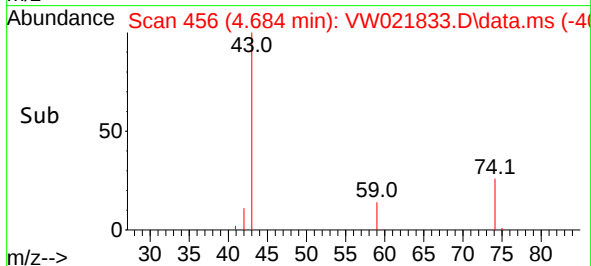
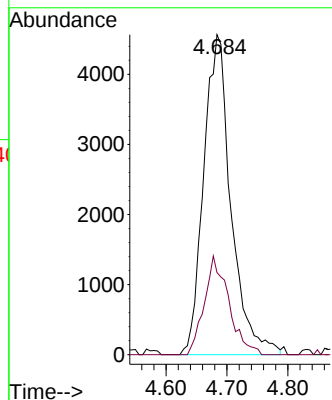
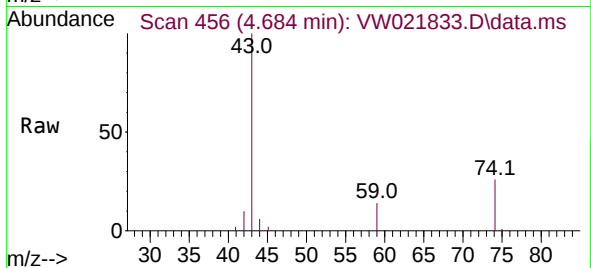




#15
Methyl Acetate
Concen: 24.548 ug/L
RT: 4.684 min Scan# 41
Delta R.T. 0.000 min
Lab File: VW021833.D
Acq: 11 Jan 2022 15:06

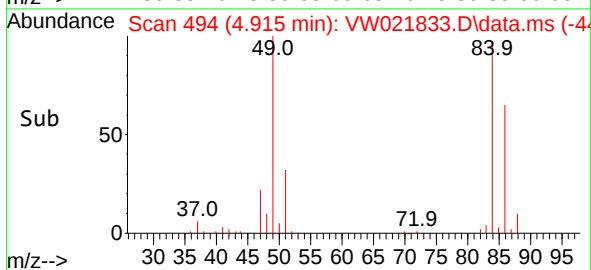
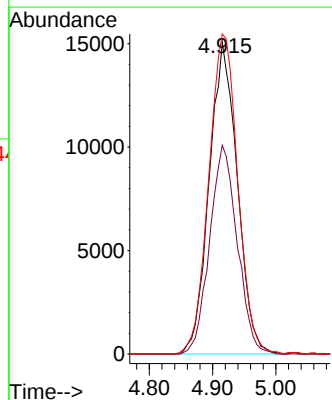
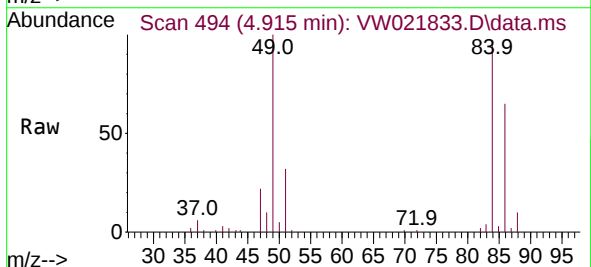
Instrument :
MSVOA_W
ClientSampleId :

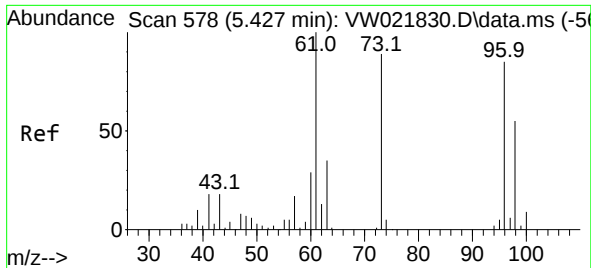
Tgt Ion: 43 Resp: 14203
Ion Ratio Lower Upper
43 100
74 27.7 16.4 24.6#



#16
Methylene chloride
Concen: 20.525 ug/L
RT: 4.915 min Scan# 494
Delta R.T. -0.006 min
Lab File: VW021833.D
Acq: 11 Jan 2022 15:06

Tgt Ion: 84 Resp: 46393
Ion Ratio Lower Upper
84 100
86 66.9 45.5 84.5
49 102.6 100.5 186.7

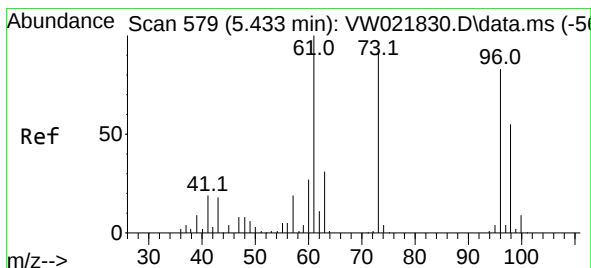
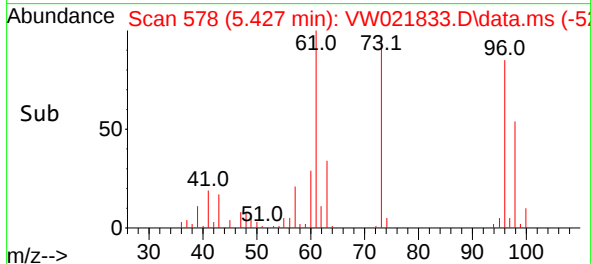
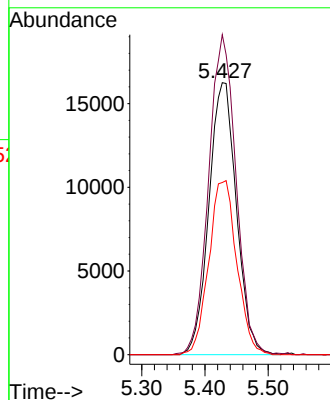
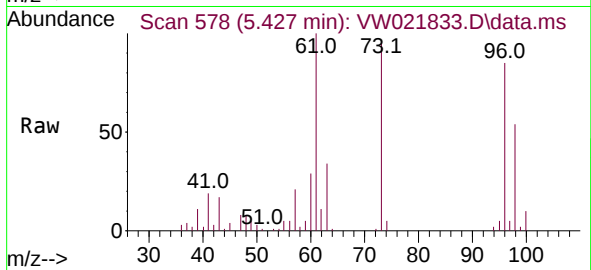




#17
trans-1,2-Dichloroethene
Concen: 23.068 ug/L
RT: 5.427 min Scan# 517
Delta R.T. 0.000 min
Lab File: VW021833.D
Acq: 11 Jan 2022 15:06

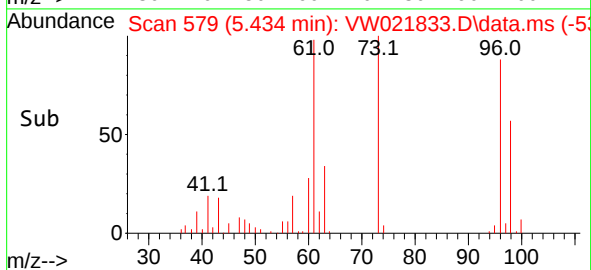
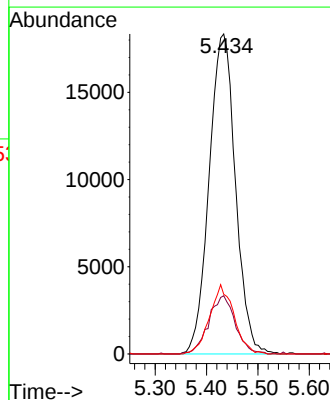
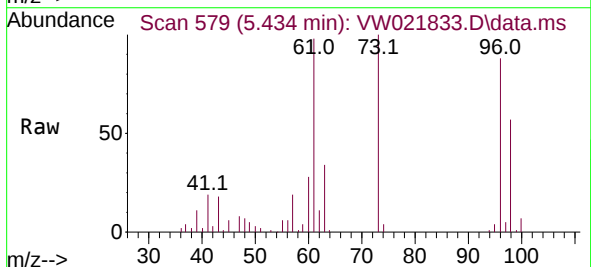
Instrument :
MSVOA_W
ClientSampleId :

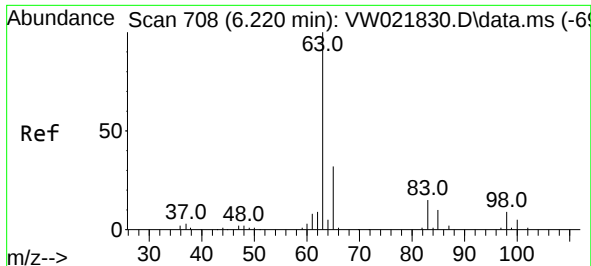
Tgt Ion: 96 Resp: 49141
Ion Ratio Lower Upper
96 100
61 117.7 107.4 199.4
98 63.3 41.2 76.6



#18
Methyl tert-butyl Ether
Concen: 24.024 ug/L
RT: 5.434 min Scan# 579
Delta R.T. 0.000 min
Lab File: VW021833.D
Acq: 11 Jan 2022 15:06

Tgt Ion: 73 Resp: 65262
Ion Ratio Lower Upper
73 100
43 18.4 19.5 29.3#
57 19.9 19.3 28.9





#19

1,1-Dichloroethane

Concen: 23.128 ug/L

RT: 6.220 min Scan# 708

Delta R.T. 0.000 min

Lab File: VW021833.D

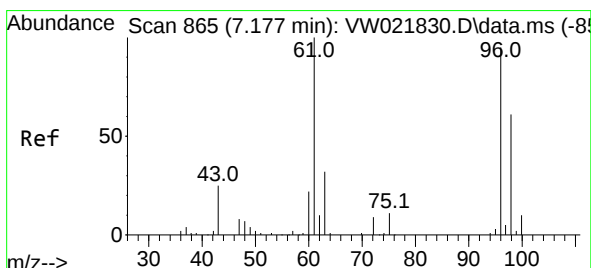
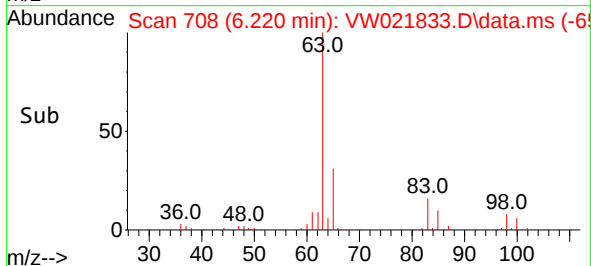
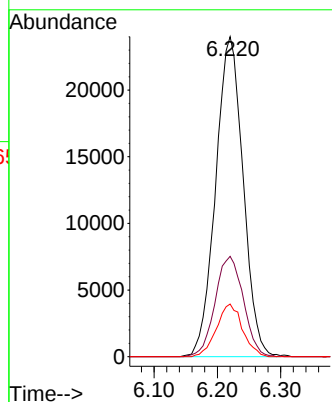
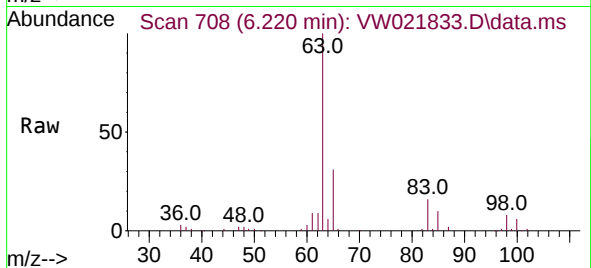
Acq: 11 Jan 2022 15:06

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion: 63	Resp: 72253
Ion Ratio	Lower Upper
63	100
65	31.3 22.1 41.1
83	16.5 9.2 17.2



#20

cis-1,2-Dichloroethene

Concen: 23.710 ug/L

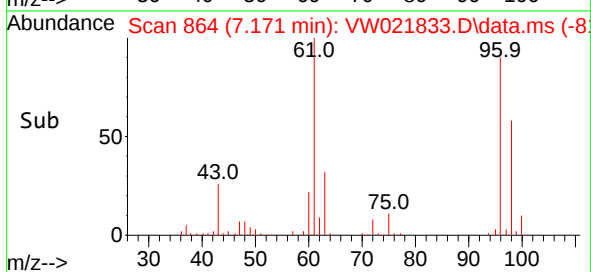
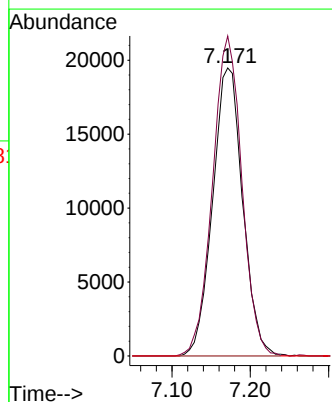
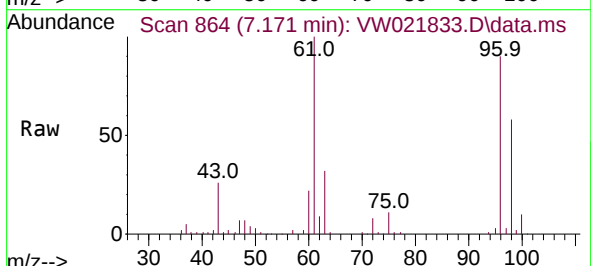
RT: 7.171 min Scan# 864

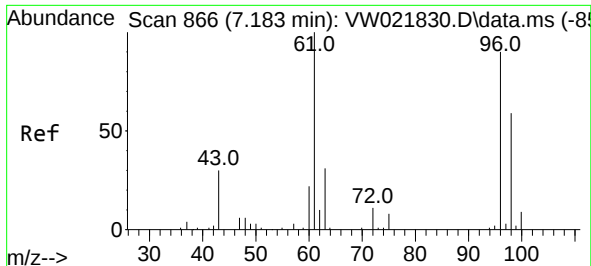
Delta R.T. -0.006 min

Lab File: VW021833.D

Acq: 11 Jan 2022 15:06

Tgt Ion: 96	Resp: 51958
Ion Ratio	Lower Upper
96	100
61	111.1 103.7 192.7
68	0.0 0.0 0.0





#22

2-Butanone

Concen: 49.496 ug/L

RT: 7.177 min Scan# 865

Delta R.T. -0.006 min

Lab File: VW021833.D

Acq: 11 Jan 2022 15:06

Instrument :

MSVOA_W

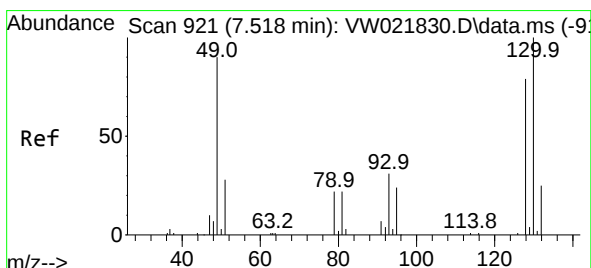
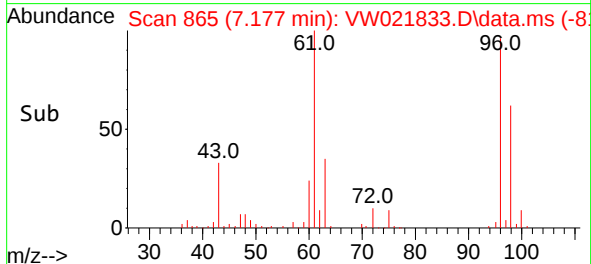
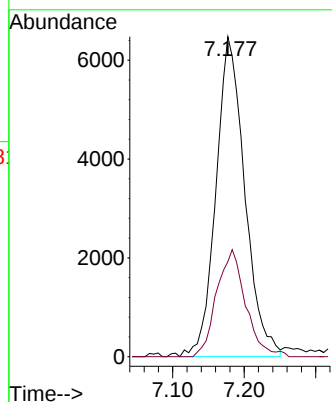
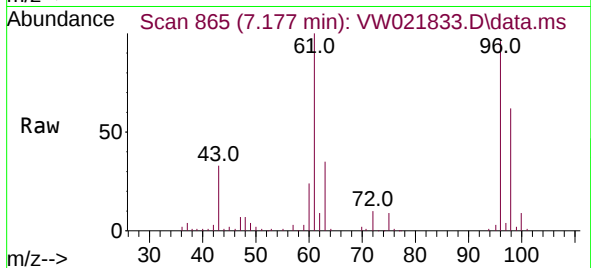
ClientSampleId :

Tgt Ion: 43 Resp: 18111

Ion Ratio Lower Upper

43 100

72 33.3 11.8 35.4



#23

Bromochloromethane

Concen: 23.813 ug/L

RT: 7.519 min Scan# 921

Delta R.T. 0.000 min

Lab File: VW021833.D

Acq: 11 Jan 2022 15:06

Tgt Ion:128 Resp: 25966

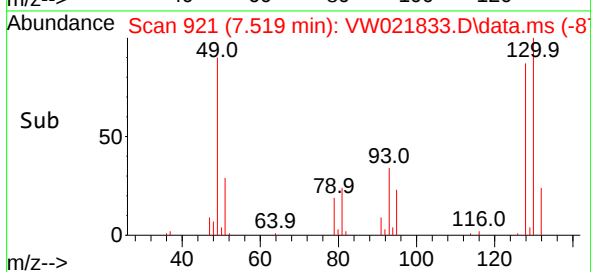
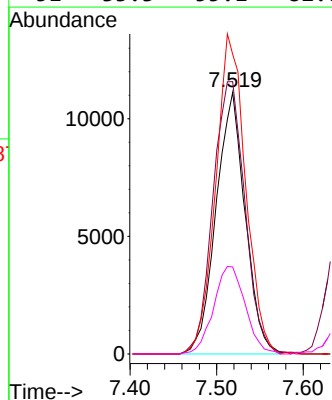
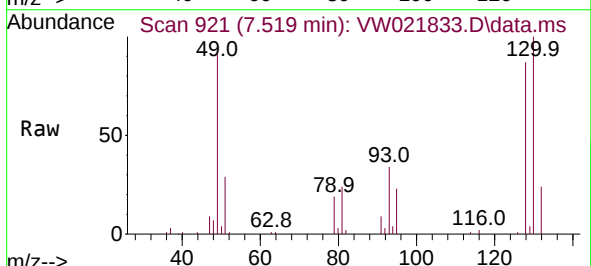
Ion Ratio Lower Upper

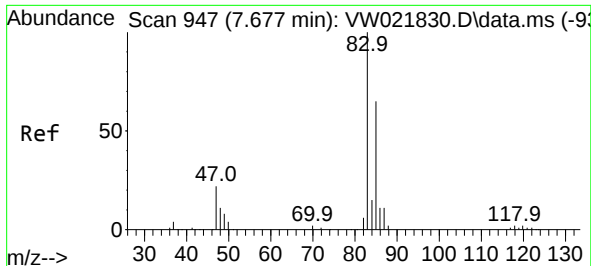
128 100

49 104.1 150.3 279.1#

130 114.5 88.3 163.9

51 33.3 55.1 82.7#

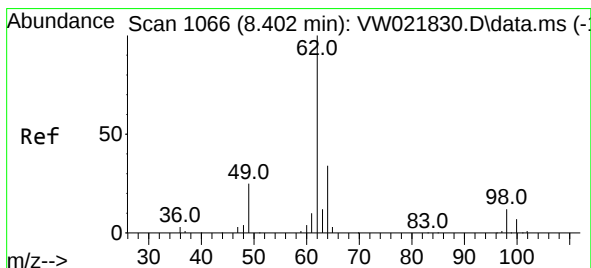
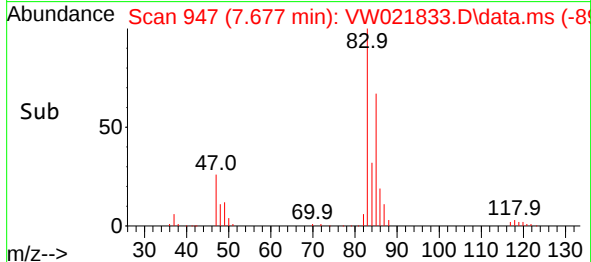
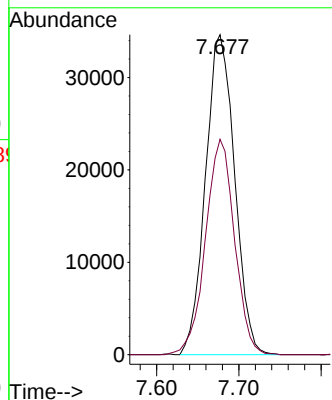
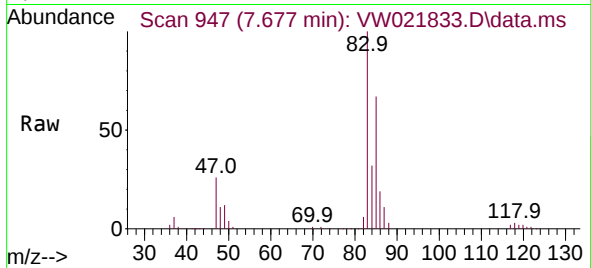




#25
Chloroform
Concen: 23.126 ug/L
RT: 7.677 min Scan# 947
Delta R.T. 0.000 min
Lab File: VW021833.D
Acq: 11 Jan 2022 15:06

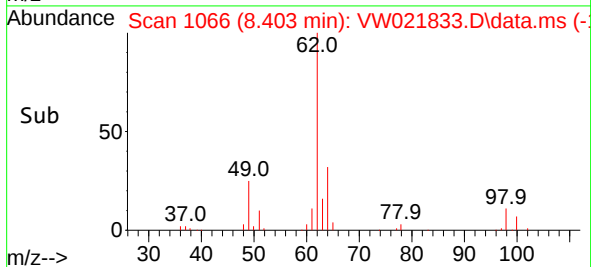
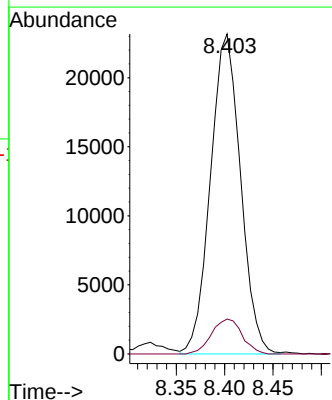
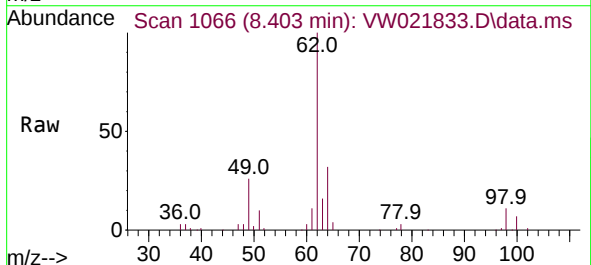
Instrument :
MSVOA_W
ClientSampleId :

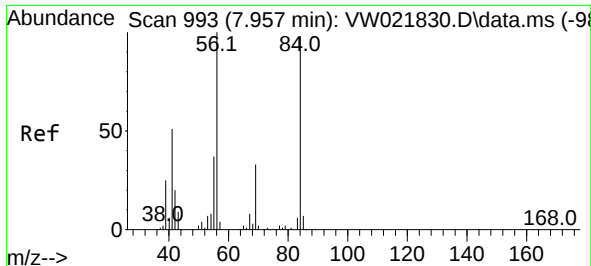
Tgt Ion: 83 Resp: 85483
Ion Ratio Lower Upper
83 100
85 67.3 45.1 83.7



#27
1,2-Dichloroethane
Concen: 23.408 ug/L
RT: 8.403 min Scan# 1066
Delta R.T. 0.000 min
Lab File: VW021833.D
Acq: 11 Jan 2022 15:06

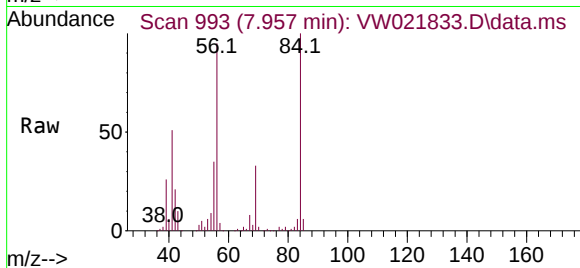
Tgt Ion: 62 Resp: 50105
Ion Ratio Lower Upper
62 100
98 10.9 6.5 9.7#



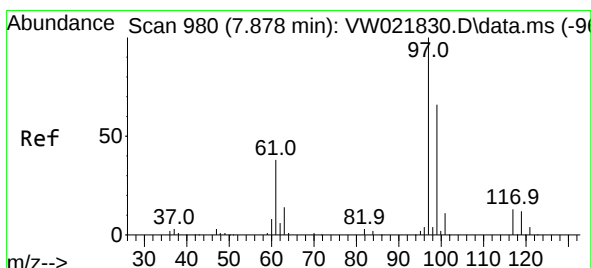
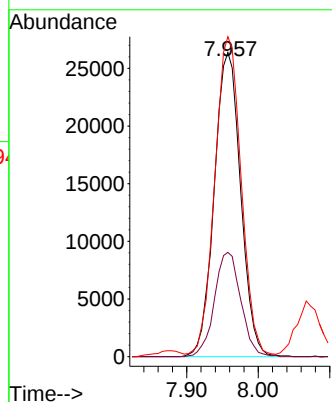
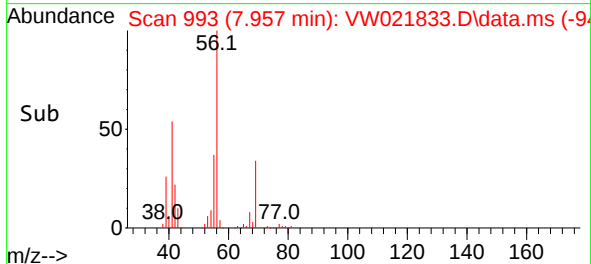


#29
Cyclohexane
Concen: 23.117 ug/L
RT: 7.957 min Scan# 993
Delta R.T. 0.000 min
Lab File: VW021833.D
Acq: 11 Jan 2022 15:06

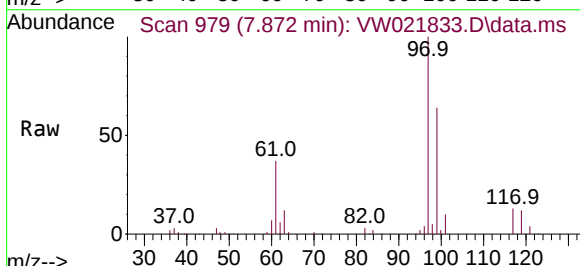
Instrument :
MSVOA_W
ClientSampleId :



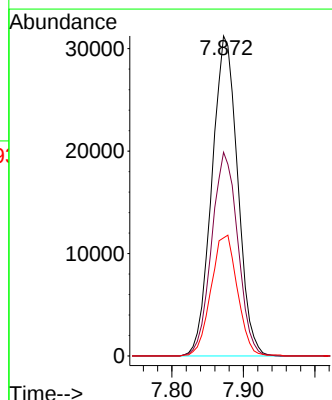
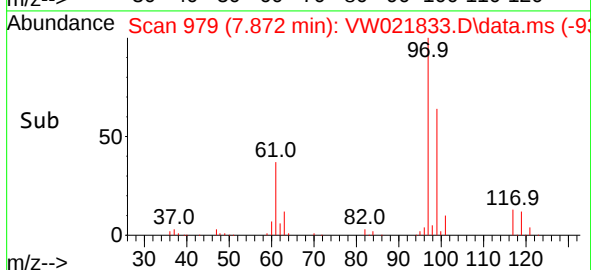
Tgt Ion: 56 Resp: 67612
Ion Ratio Lower Upper
56 100
69 34.2 23.5 35.3
84 105.7 63.4 95.2#

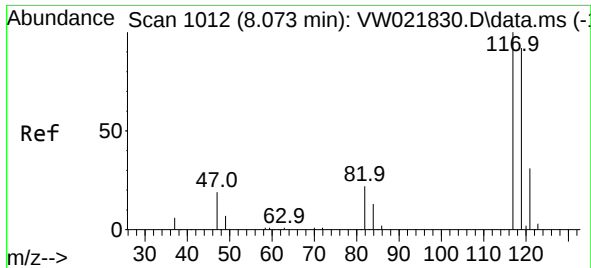


#30
1,1,1-Trichloroethane
Concen: 23.100 ug/L
RT: 7.872 min Scan# 979
Delta R.T. -0.006 min
Lab File: VW021833.D
Acq: 11 Jan 2022 15:06



Tgt Ion: 97 Resp: 78280
Ion Ratio Lower Upper
97 100
99 64.6 51.6 77.4
61 38.6 40.9 61.3#

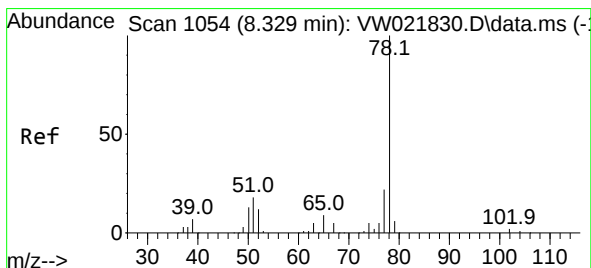
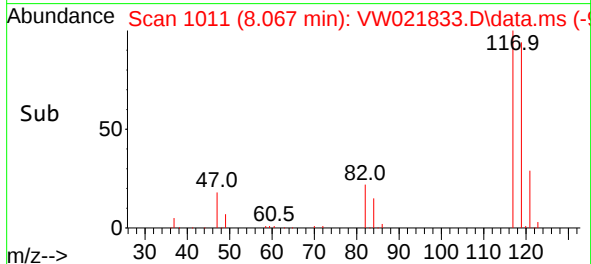
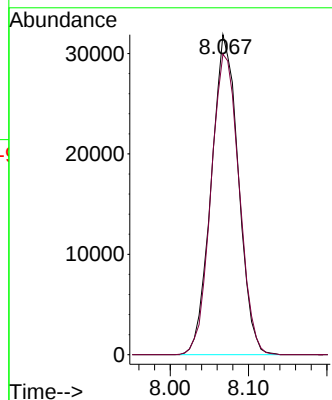
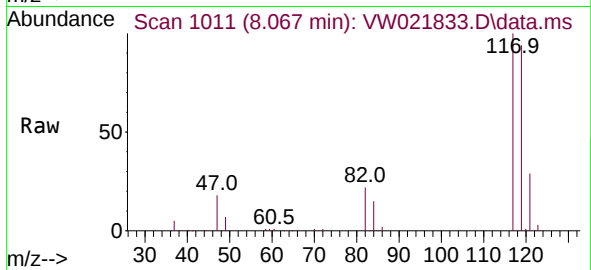




#31
Carbon tetrachloride
Concen: 23.273 ug/L
RT: 8.067 min Scan# 1012
Delta R.T. -0.006 min
Lab File: VW021833.D
Acq: 11 Jan 2022 15:06

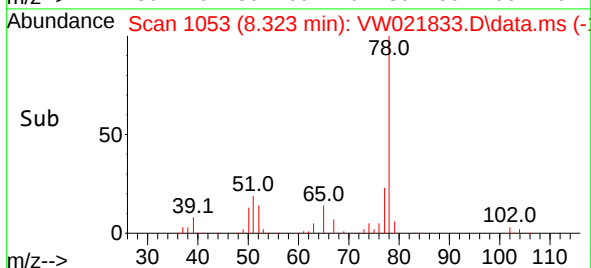
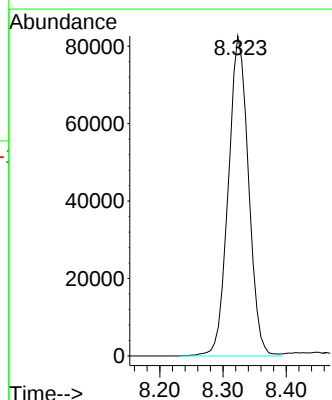
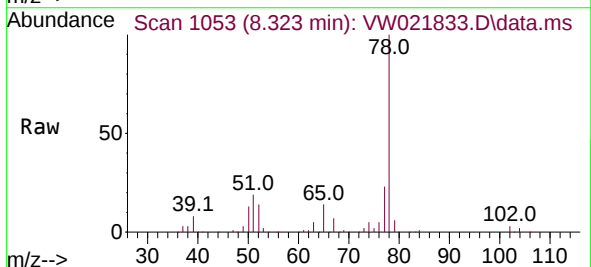
Instrument :
MSVOA_W
ClientSampleId :

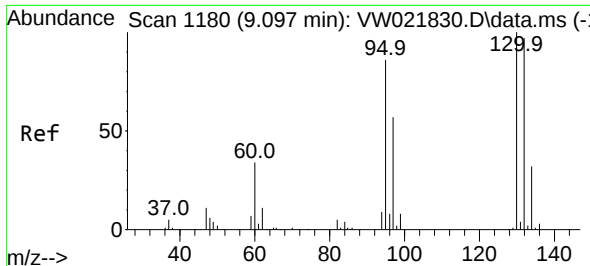
Tgt Ion:117 Resp: 76426
Ion Ratio Lower Upper
117 100
119 97.6 75.7 113.5



#33
Benzene
Concen: 22.890 ug/L
RT: 8.323 min Scan# 1053
Delta R.T. -0.006 min
Lab File: VW021833.D
Acq: 11 Jan 2022 15:06

Tgt Ion: 78 Resp: 183502

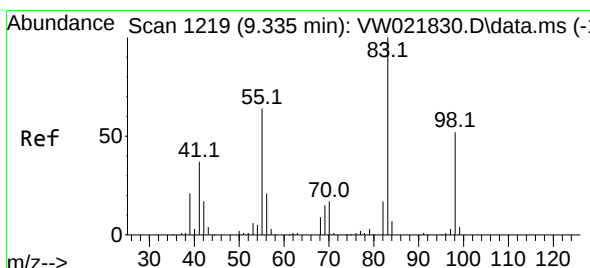
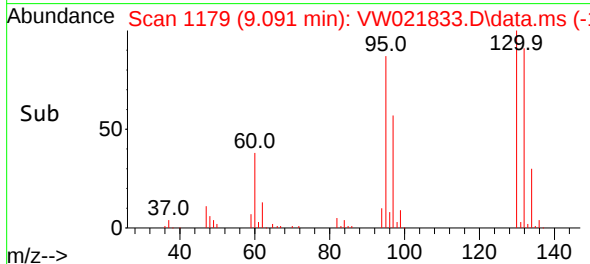
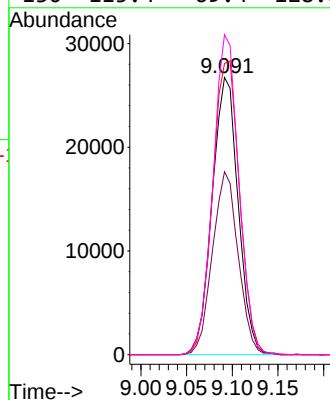
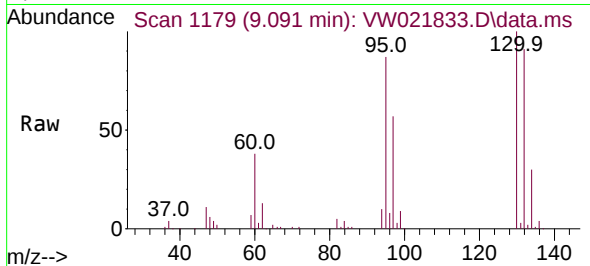




#34
Trichloroethene
Concen: 22.793 ug/L
RT: 9.091 min Scan# 1180
Delta R.T. -0.006 min
Lab File: VW021833.D
Acq: 11 Jan 2022 15:06

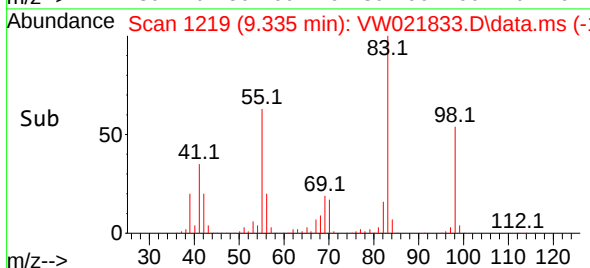
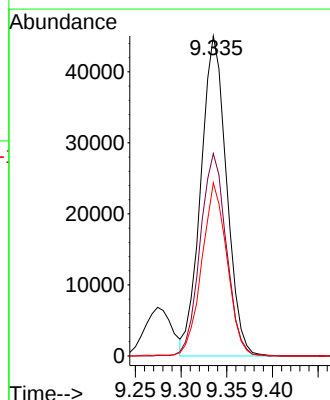
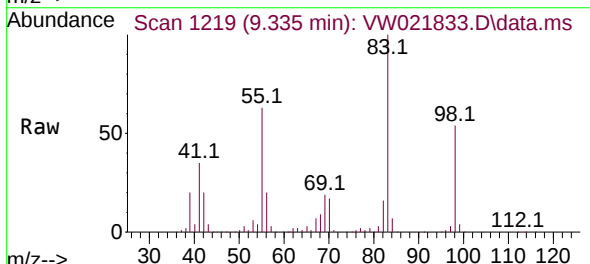
Instrument :
MSVOA_W
ClientSampleId :

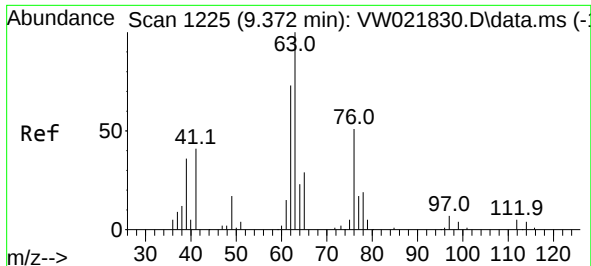
Tgt Ion: 95 Resp: 53013
Ion Ratio Lower Upper
95 100
97 66.0 47.0 87.2
132 105.0 65.5 121.6
130 115.4 69.4 128.8



#35
Methylcyclohexane
Concen: 23.034 ug/L
RT: 9.335 min Scan# 1219
Delta R.T. 0.000 min
Lab File: VW021833.D
Acq: 11 Jan 2022 15:06

Tgt Ion: 83 Resp: 88099
Ion Ratio Lower Upper
83 100
55 64.2 70.8 106.2#
98 52.6 37.7 56.5





#37

1,2-Dichloropropane

Concen: 22.830 ug/L

RT: 9.366 min Scan# 11

Delta R.T. -0.006 min

Lab File: VW021833.D

Acq: 11 Jan 2022 15:06

Instrument :

MSVOA_W

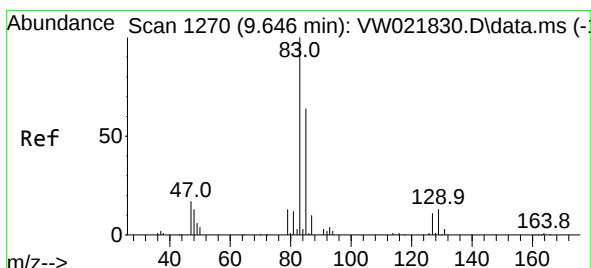
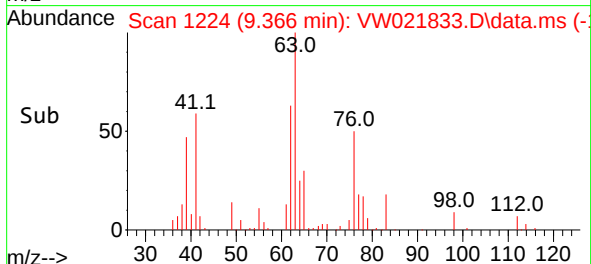
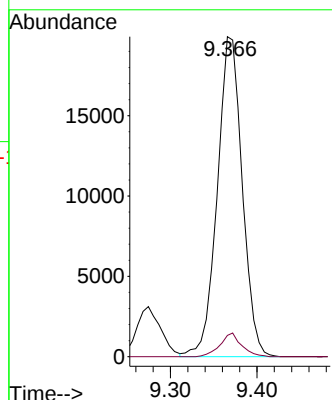
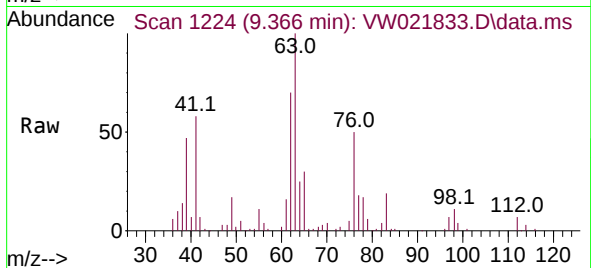
ClientSampleId :

Tgt Ion: 63 Resp: 39872

Ion Ratio Lower Upper

63 100

112 6.4 3.2 4.8#



#38

Bromodichloromethane

Concen: 23.873 ug/L

RT: 9.646 min Scan# 1270

Delta R.T. 0.000 min

Lab File: VW021833.D

Acq: 11 Jan 2022 15:06

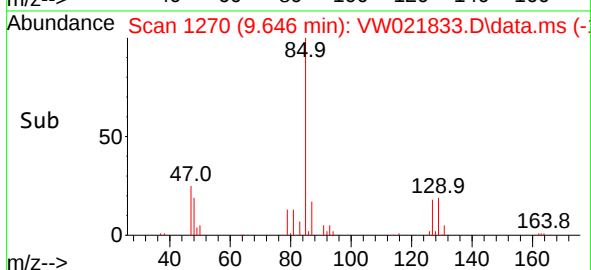
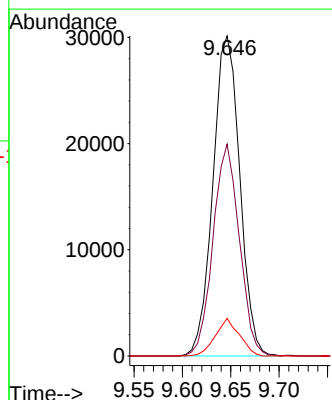
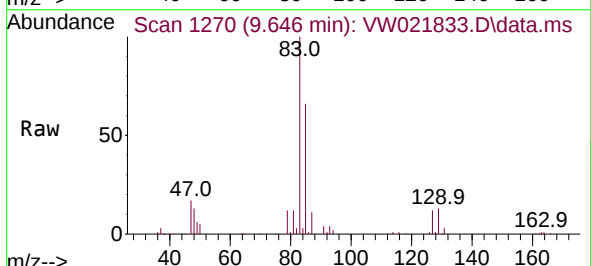
Tgt Ion: 83 Resp: 58203

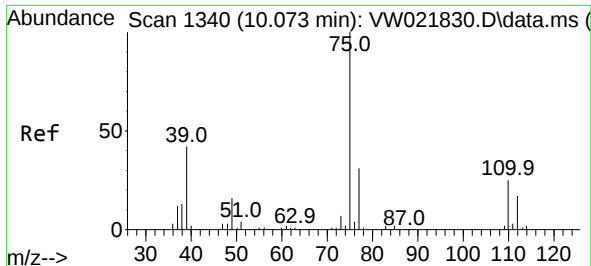
Ion Ratio Lower Upper

83 100

85 66.2 44.1 81.9

127 11.7 6.1 9.1#





#39

cis-1,3-Dichloropropene

Concen: 24.511 ug/L

RT: 10.073 min Scan# 11

Delta R.T. 0.000 min

Lab File: VW021833.D

Acq: 11 Jan 2022 15:06

Instrument :

MSVOA_W

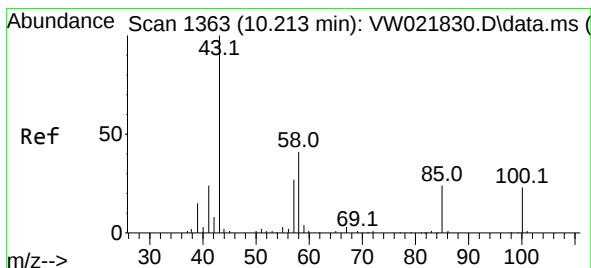
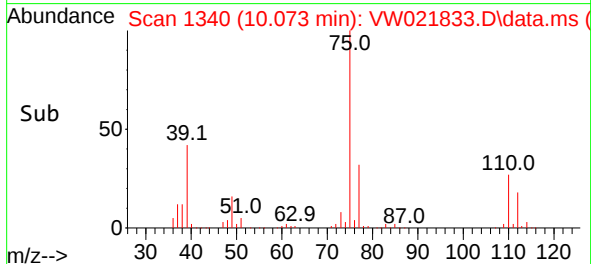
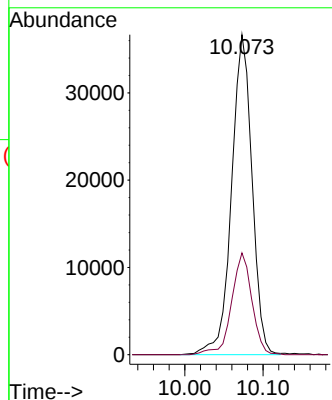
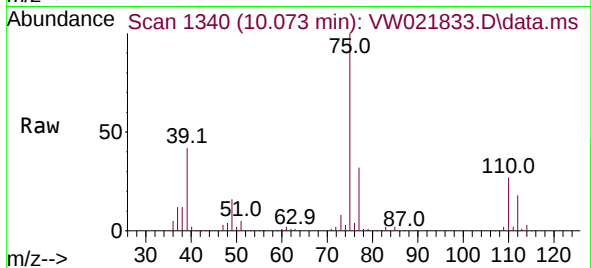
ClientSampleId :

Tgt Ion: 75 Resp: 66516

Ion Ratio Lower Upper

75 100

77 31.8 21.8 40.6



#40

4-Methyl-2-pentanone

Concen: 49.361 ug/L

RT: 10.213 min Scan# 1363

Delta R.T. 0.000 min

Lab File: VW021833.D

Acq: 11 Jan 2022 15:06

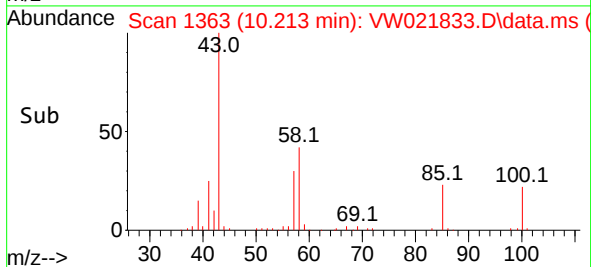
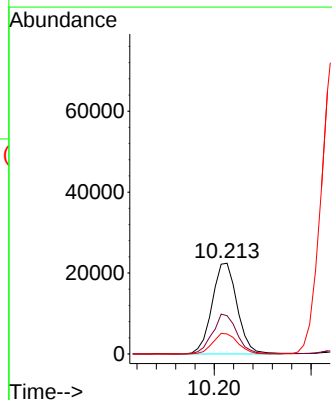
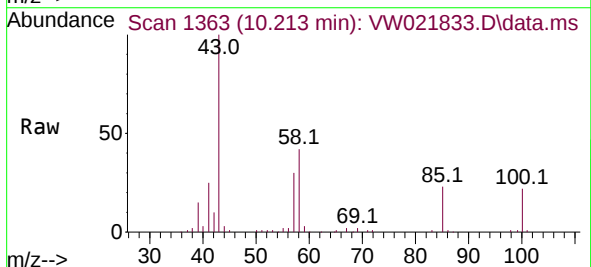
Tgt Ion: 43 Resp: 40496

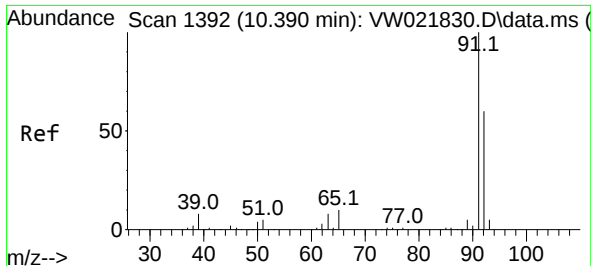
Ion Ratio Lower Upper

43 100

58 42.5 28.8 43.2

100 22.5 10.0 15.0#





#42

Toluene

Concen: 23.205 ug/L

RT: 10.390 min Scan# 1392

Delta R.T. 0.000 min

Lab File: VW021833.D

Acq: 11 Jan 2022 15:06

Instrument :

MSVOA_W

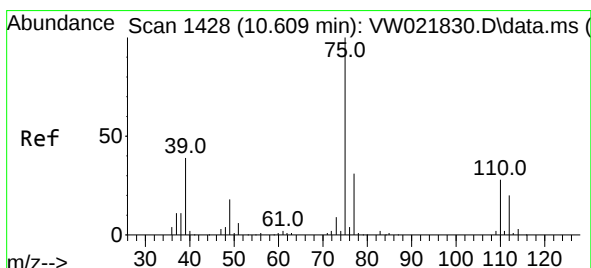
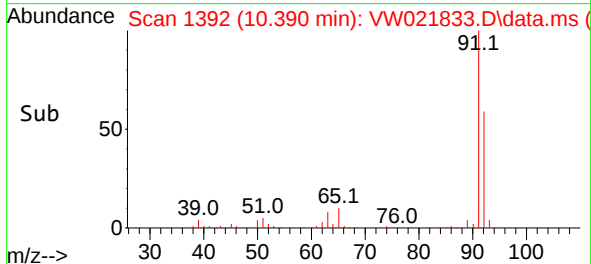
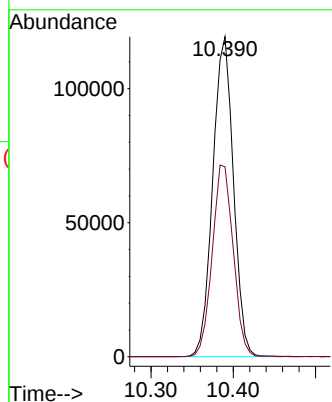
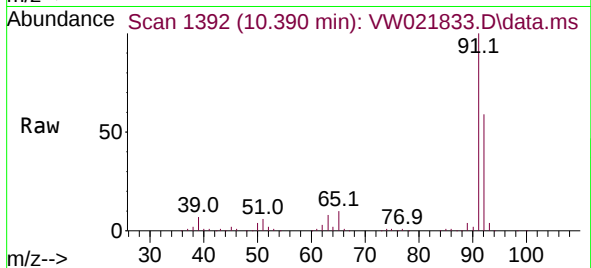
ClientSampleId :

Tgt Ion: 91 Resp: 208639

Ion Ratio Lower Upper

91 100

92 59.3 41.7 77.5



#44

trans-1,3-Dichloropropene

Concen: 24.470 ug/L

RT: 10.603 min Scan# 1427

Delta R.T. -0.006 min

Lab File: VW021833.D

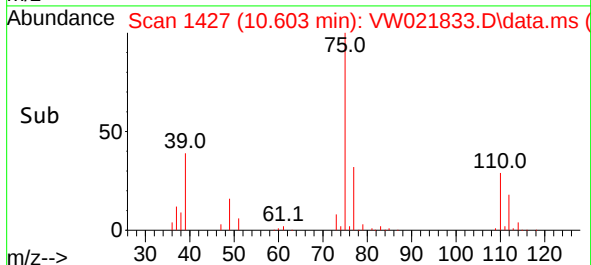
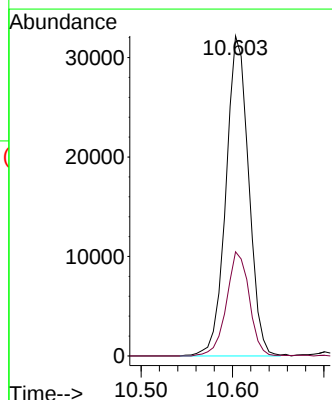
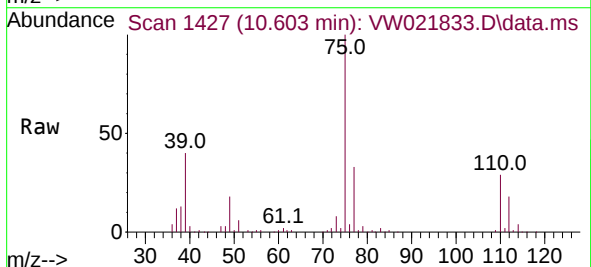
Acq: 11 Jan 2022 15:06

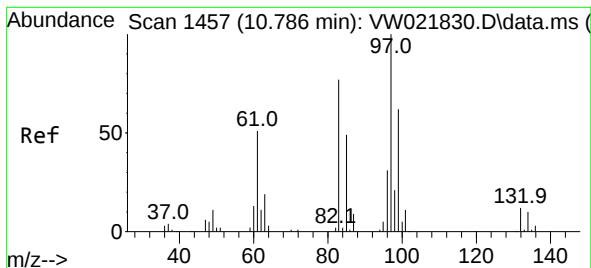
Tgt Ion: 75 Resp: 55578

Ion Ratio Lower Upper

75 100

77 32.5 22.2 41.2





#45

1,1,2-Trichloroethane

Concen: 23.355 ug/L

RT: 10.786 min Scan# 1457

Delta R.T. 0.000 min

Lab File: VW021833.D

Acq: 11 Jan 2022 15:06

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion: 97 Resp: 34630

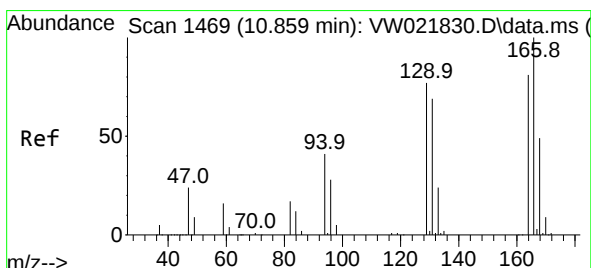
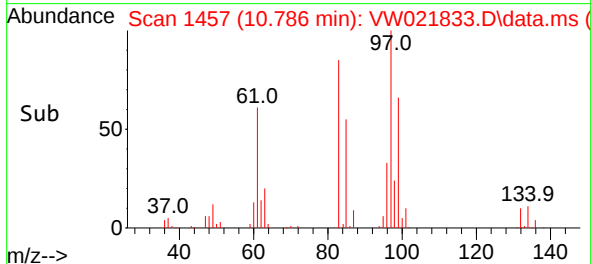
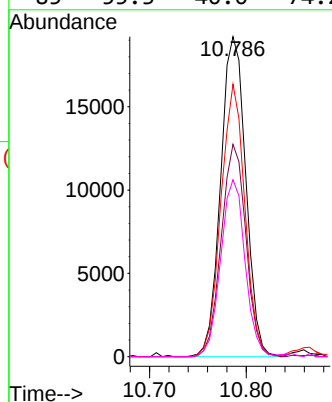
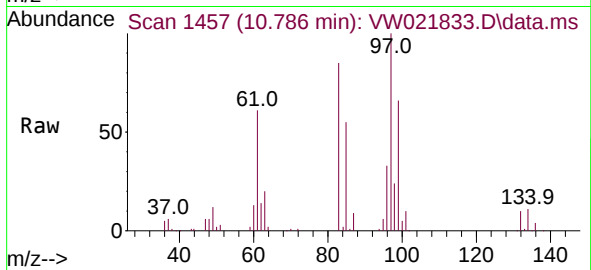
Ion Ratio Lower Upper

97 100

99 66.4 43.0 79.8

83 85.1 62.6 116.3

85 55.3 40.0 74.2



#46

Tetrachloroethene

Concen: 22.503 ug/L

RT: 10.859 min Scan# 1469

Delta R.T. 0.000 min

Lab File: VW021833.D

Acq: 11 Jan 2022 15:06

Tgt Ion:164 Resp: 51755

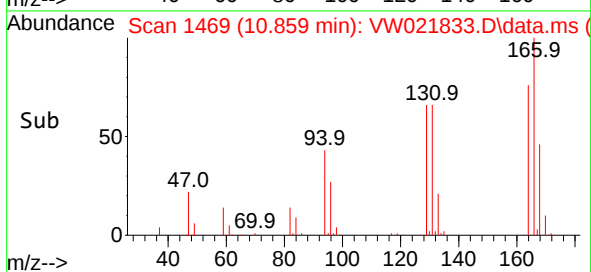
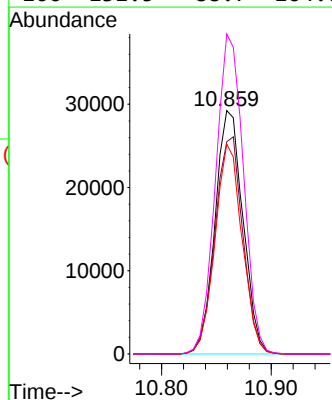
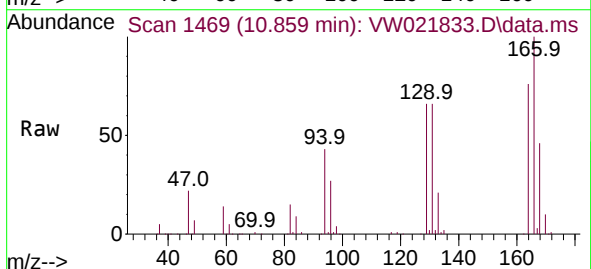
Ion Ratio Lower Upper

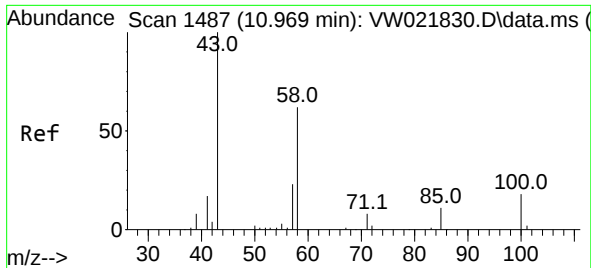
164 100

129 87.2 65.5 121.7

131 86.3 59.7 110.9

166 131.5 88.7 164.7

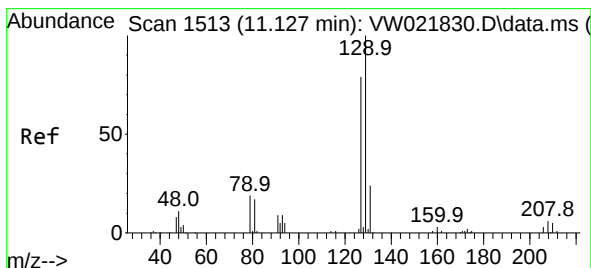
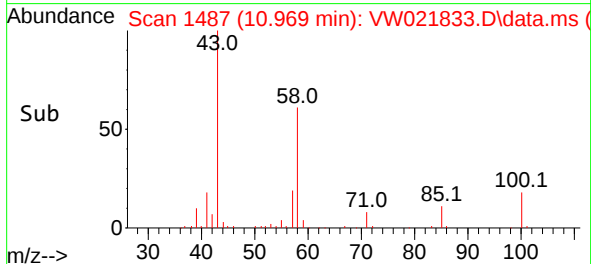
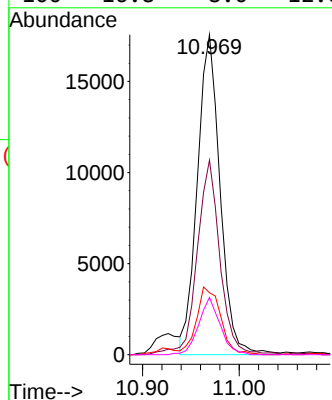
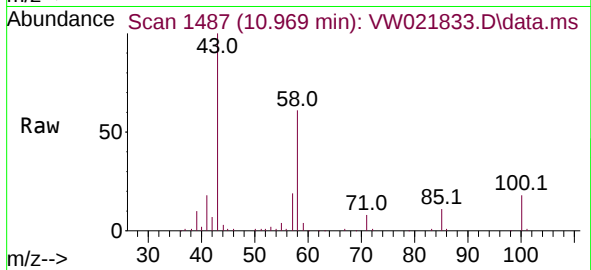




#48
2-Hexanone
Concen: 51.250 ug/L
RT: 10.969 min Scan# 1487
Delta R.T. 0.000 min
Lab File: VW021833.D
Acq: 11 Jan 2022 15:06

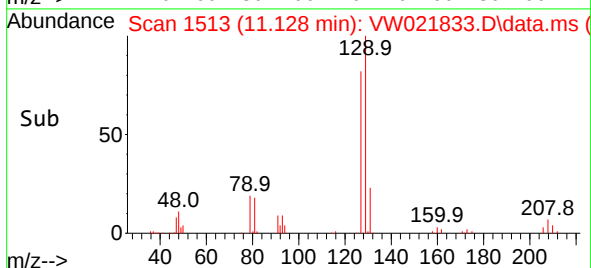
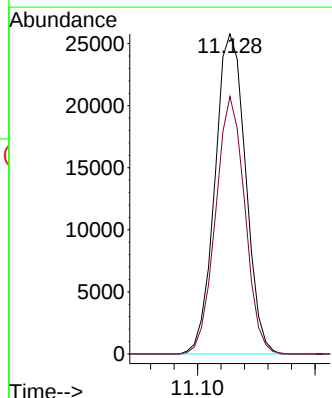
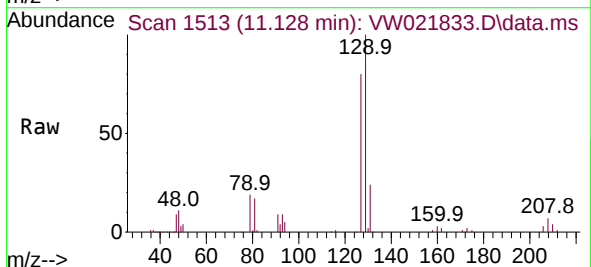
Instrument :
MSVOA_W
ClientSampleId :

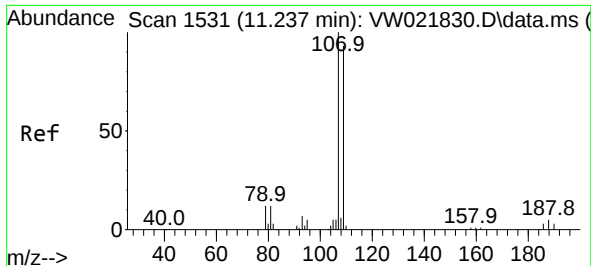
Tgt Ion: 43 Resp: 28768
Ion Ratio Lower Upper
43 100
58 60.5 40.2 60.2#
57 22.3 14.3 21.5#
100 16.8 8.0 12.0#



#49
Dibromochloromethane
Concen: 25.001 ug/L
RT: 11.128 min Scan# 1513
Delta R.T. 0.000 min
Lab File: VW021833.D
Acq: 11 Jan 2022 15:06

Tgt Ion: 129 Resp: 46710
Ion Ratio Lower Upper
129 100
127 80.4 55.7 103.5





#50

1,2-Dibromoethane

Concen: 24.906 ug/L

RT: 11.231 min Scan# 1

Delta R.T. -0.006 min

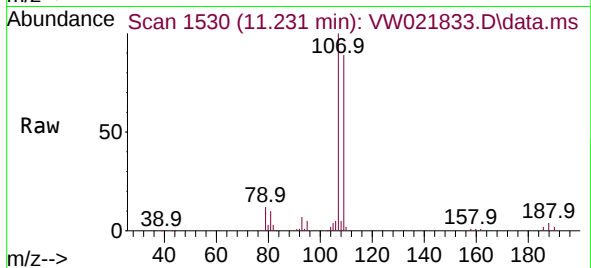
Lab File: VW021833.D

Acq: 11 Jan 2022 15:06

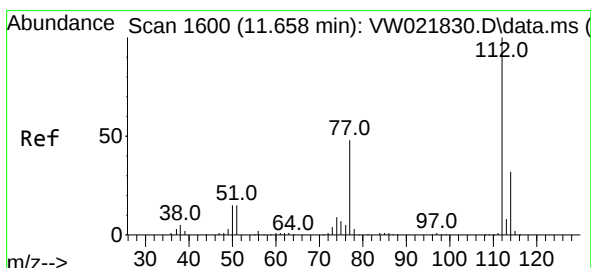
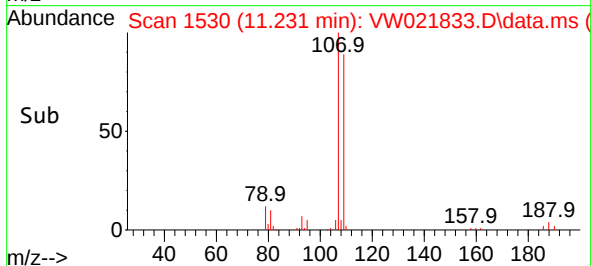
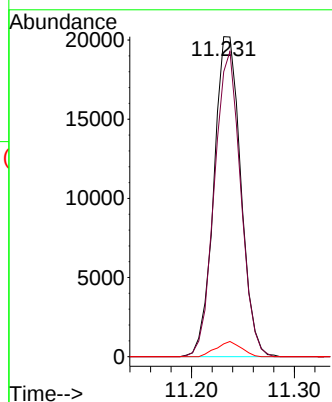
Instrument :

MSVOA_W

ClientSampleId :



Tgt Ion:	107	Resp:	36658
Ion Ratio	Lower	Upper	
107	100		
109	89.0	64.1	119.1
188	4.0	2.6	3.8#



#51

Chlorobenzene

Concen: 23.053 ug/L

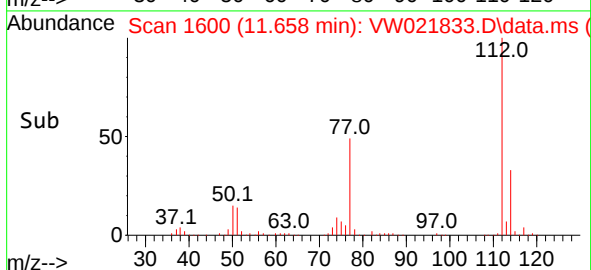
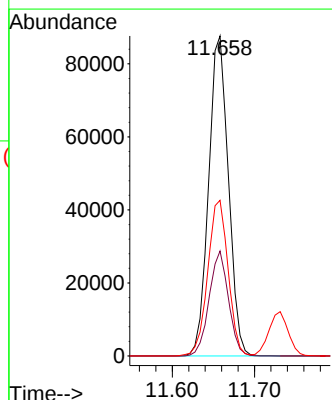
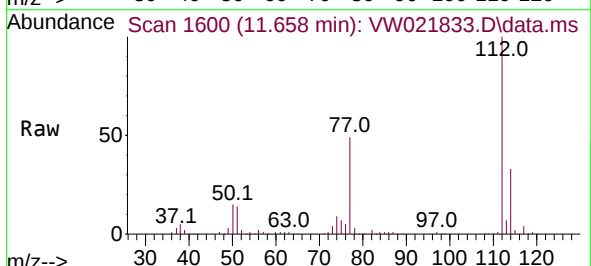
RT: 11.658 min Scan# 1600

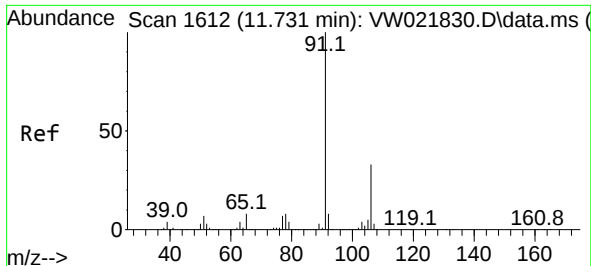
Delta R.T. 0.000 min

Lab File: VW021833.D

Acq: 11 Jan 2022 15:06

Tgt Ion:	112	Resp:	146349
Ion Ratio	Lower	Upper	
112	100		
114	32.8	22.4	41.6
77	48.6	50.2	75.4#





#52

Ethylbenzene

Concen: 23.408 ug/L

RT: 11.731 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW021833.D

Acq: 11 Jan 2022 15:06

Instrument :

MSVOA_W

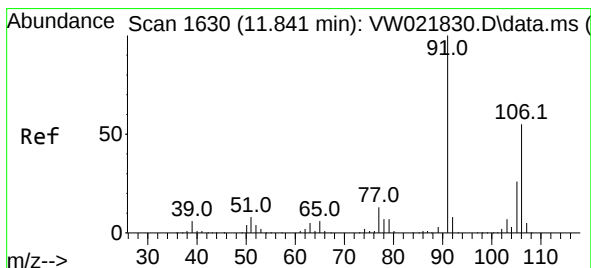
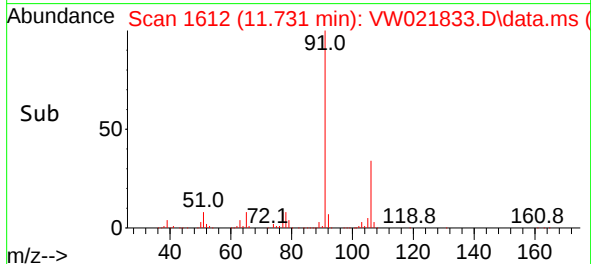
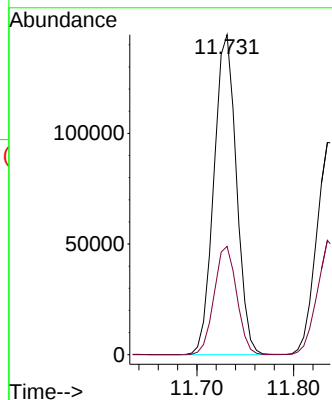
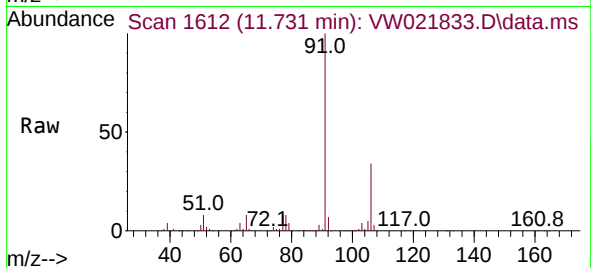
ClientSampleId :

Tgt Ion: 91 Resp: 233806

Ion Ratio Lower Upper

91 100

106 33.9 21.5 39.9



#53

m,p-Xylene

Concen: 23.132 ug/L

RT: 11.835 min Scan# 1629

Delta R.T. -0.006 min

Lab File: VW021833.D

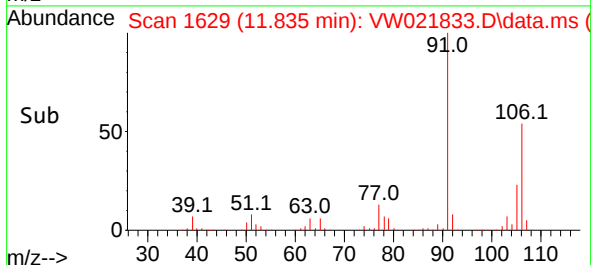
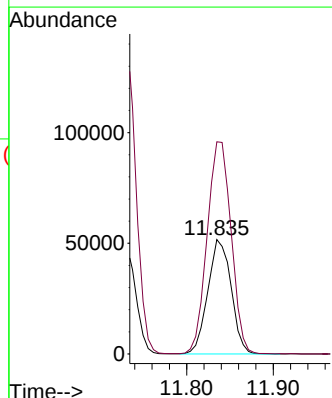
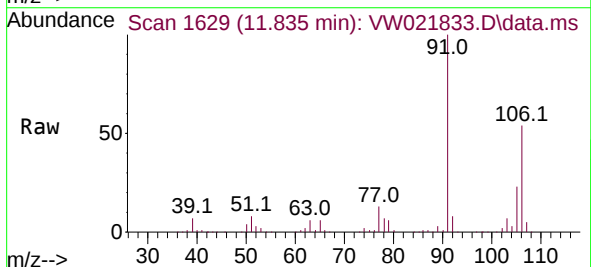
Acq: 11 Jan 2022 15:06

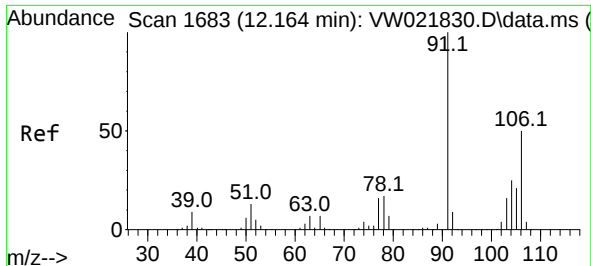
Tgt Ion:106 Resp: 96613

Ion Ratio Lower Upper

106 100

91 185.5 149.9 278.3

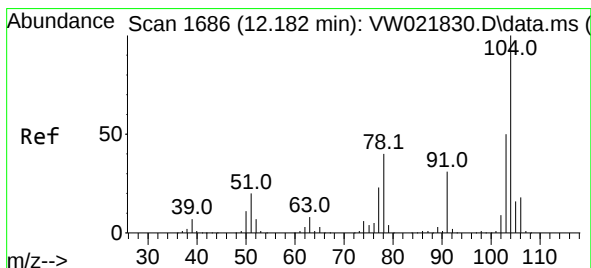
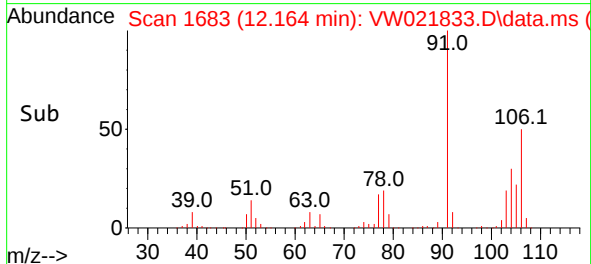
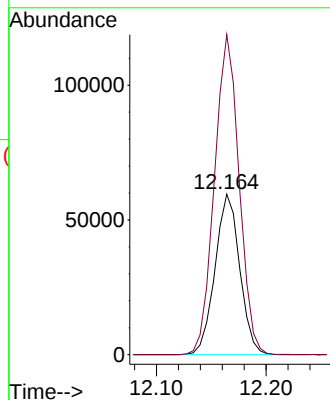
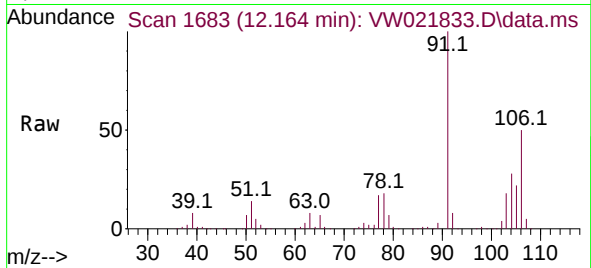




#54
o-Xylene
Concen: 24.017 ug/L
RT: 12.164 min Scan# 1683
Delta R.T. 0.000 min
Lab File: VW021833.D
Acq: 11 Jan 2022 15:06

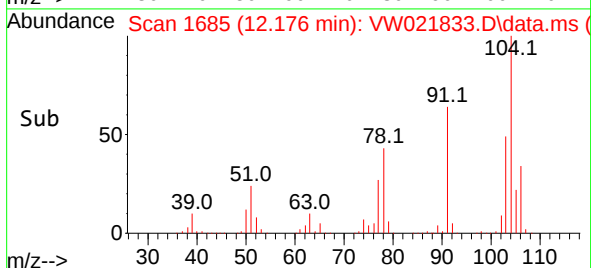
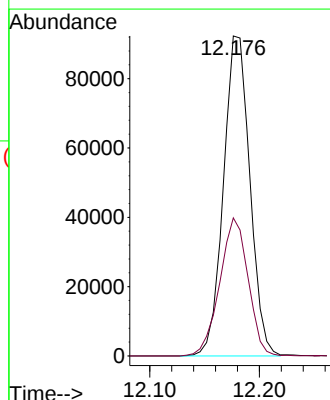
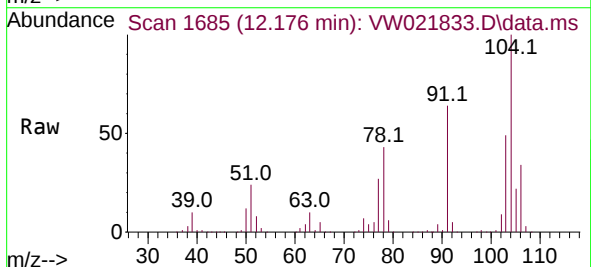
Instrument :
MSVOA_W
ClientSampleId :

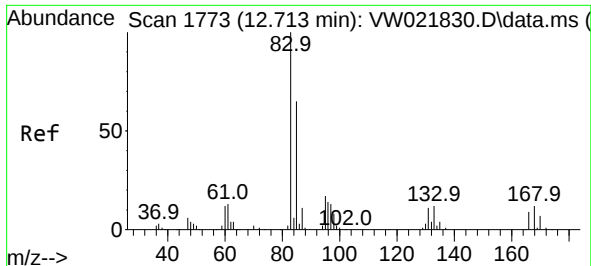
Tgt Ion:106 Resp: 93124
Ion Ratio Lower Upper
106 100
91 199.4 153.6 285.3



#55
Styrene
Concen: 24.137 ug/L
RT: 12.176 min Scan# 1685
Delta R.T. -0.006 min
Lab File: VW021833.D
Acq: 11 Jan 2022 15:06

Tgt Ion:104 Resp: 154510
Ion Ratio Lower Upper
104 100
78 43.2 34.4 64.0





#57

1,1,2,2-Tetrachloroethane

Concen: 23.752 ug/L

RT: 12.713 min Scan# 1773

Delta R.T. 0.000 min

Lab File: VW021833.D

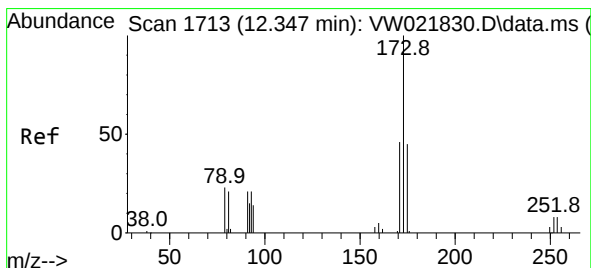
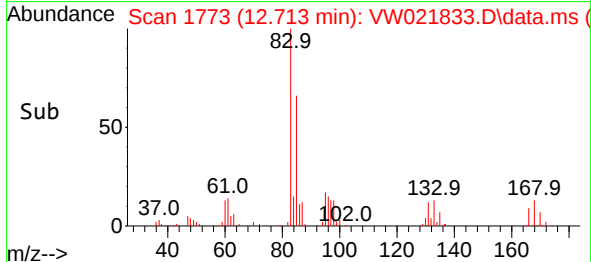
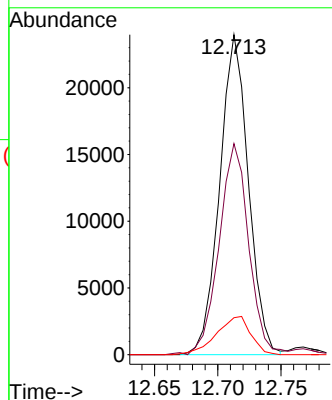
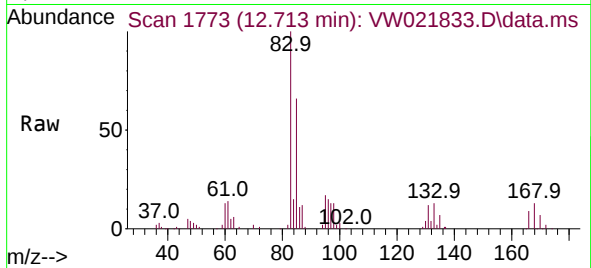
Acq: 11 Jan 2022 15:06

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion:	83	Resp:	37894
Ion	Ratio	Lower	Upper
83	100		
85	65.9	44.0	81.6
131	11.5	6.9	10.3



#59

Bromoform

Concen: 23.605 ug/L

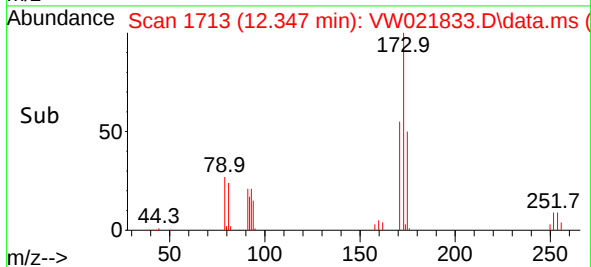
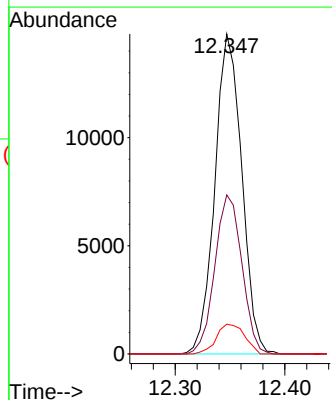
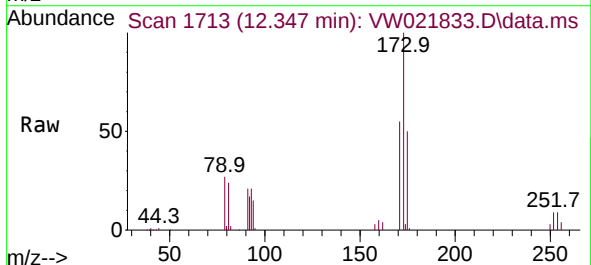
RT: 12.347 min Scan# 1713

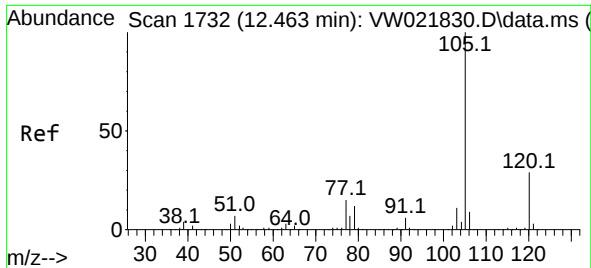
Delta R.T. 0.000 min

Lab File: VW021833.D

Acq: 11 Jan 2022 15:06

Tgt Ion:	173	Resp:	25242
Ion	Ratio	Lower	Upper
173	100		
175	50.0	39.6	59.4
254	9.8	7.4	11.0

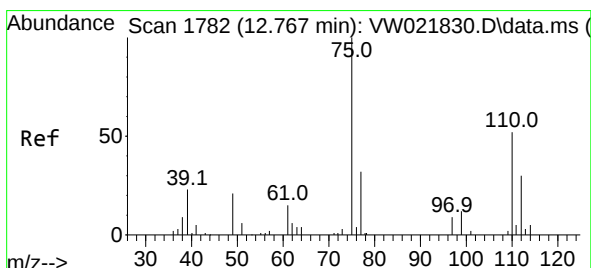
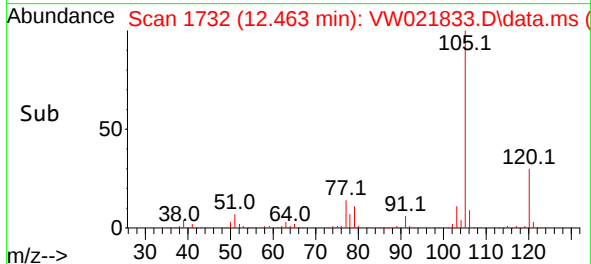
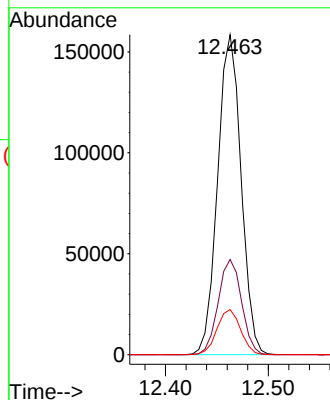
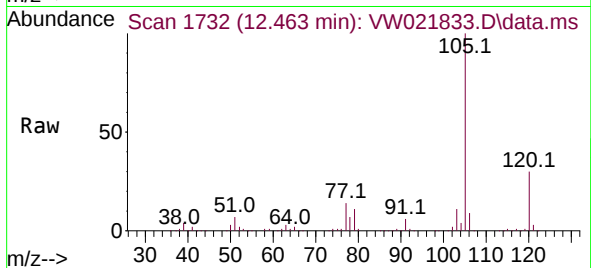




#60
Isopropylbenzene
Concen: 23.515 ug/L
RT: 12.463 min Scan# 1732
Delta R.T. 0.000 min
Lab File: VW021833.D
Acq: 11 Jan 2022 15:06

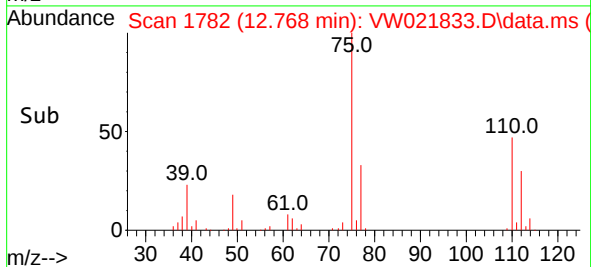
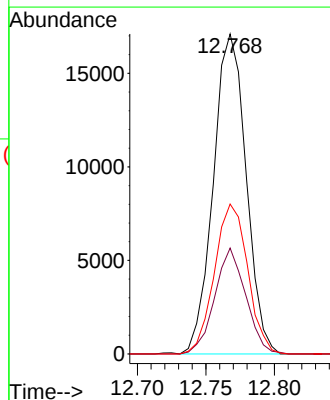
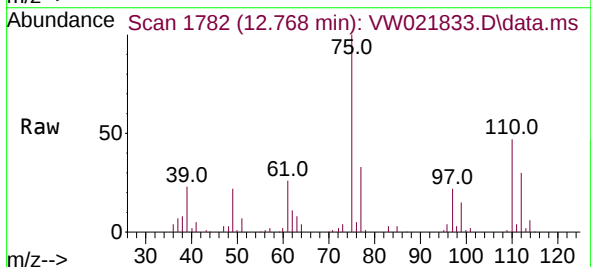
Instrument :
MSVOA_W
ClientSampleId :

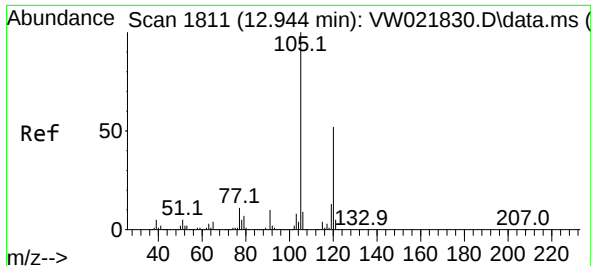
Tgt Ion:105 Resp: 251150
Ion Ratio Lower Upper
105 100
120 29.6 20.1 30.1
77 14.2 13.8 20.8



#61
1,2,3-Trichloropropane
Concen: 25.407 ug/L
RT: 12.768 min Scan# 1782
Delta R.T. 0.000 min
Lab File: VW021833.D
Acq: 11 Jan 2022 15:06

Tgt Ion: 75 Resp: 28478
Ion Ratio Lower Upper
75 100
77 31.3 25.8 38.8
110 47.6 29.0 43.4#





#62

1,3,5-Trimethylbenzene

Concen: 24.702 ug/L

RT: 12.938 min Scan# 1810

Delta R.T. -0.006 min

Lab File: VW021833.D

Acq: 11 Jan 2022 15:06

Instrument :

MSVOA_W

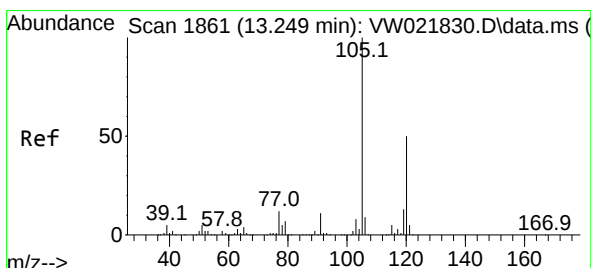
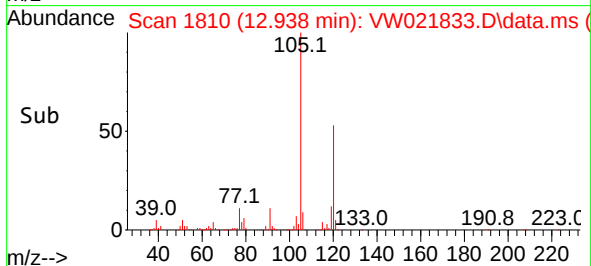
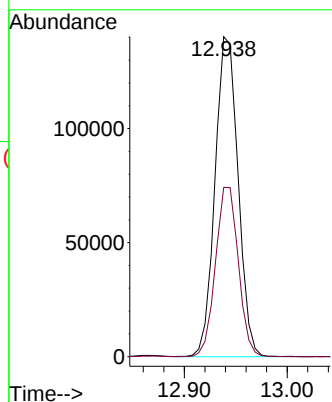
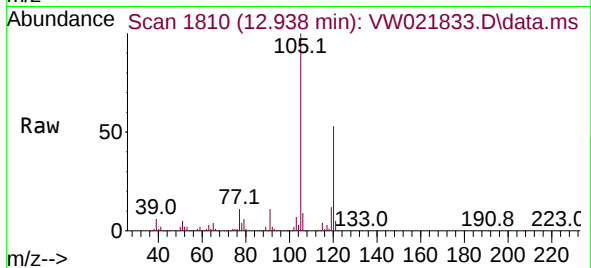
ClientSampleId :

Tgt Ion:105 Resp: 218475

Ion Ratio Lower Upper

105 100

120 52.5 37.4 56.2



#63

1,2,4-Trimethylbenzene

Concen: 24.480 ug/L

RT: 13.249 min Scan# 1861

Delta R.T. 0.000 min

Lab File: VW021833.D

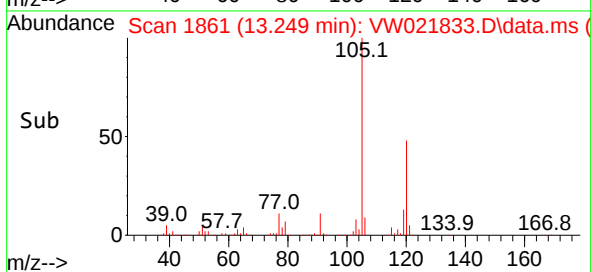
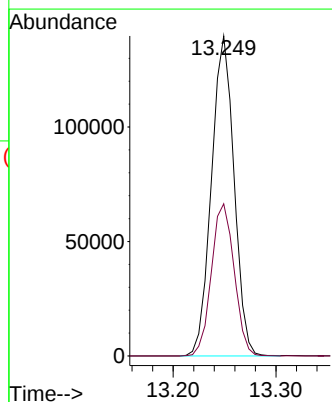
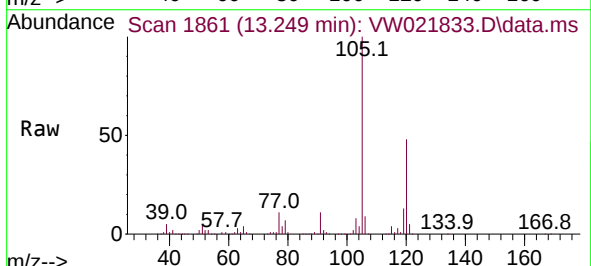
Acq: 11 Jan 2022 15:06

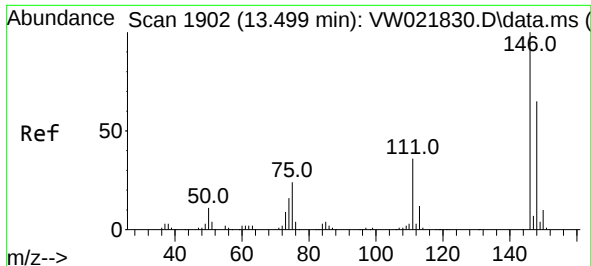
Tgt Ion:105 Resp: 213536

Ion Ratio Lower Upper

105 100

120 47.9 35.0 52.6





#64

1,3-Dichlorobenzene

Concen: 23.303 ug/L

RT: 13.493 min Scan# 1902

Delta R.T. -0.006 min

Lab File: VW021833.D

Acq: 11 Jan 2022 15:06

Instrument :

MSVOA_W

ClientSampleId :

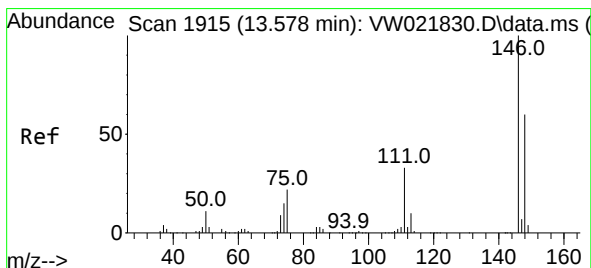
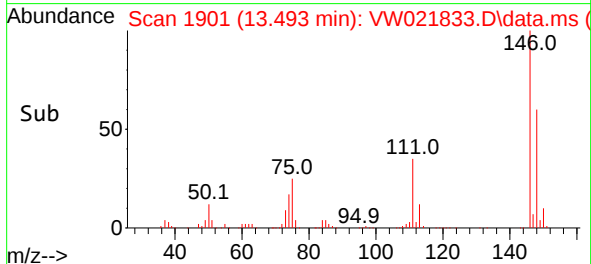
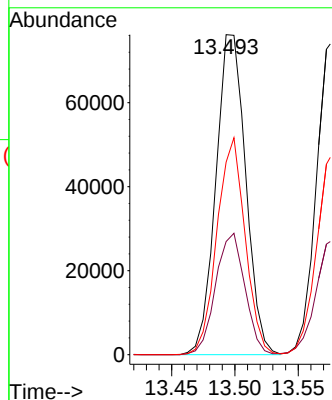
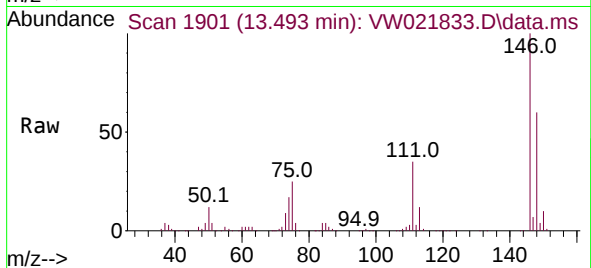
Tgt Ion:146 Resp: 125136

Ion Ratio Lower Upper

146 100

111 35.4 29.8 55.3

148 60.1 46.2 85.8



#65

1,4-Dichlorobenzene

Concen: 23.168 ug/L

RT: 13.578 min Scan# 1915

Delta R.T. 0.000 min

Lab File: VW021833.D

Acq: 11 Jan 2022 15:06

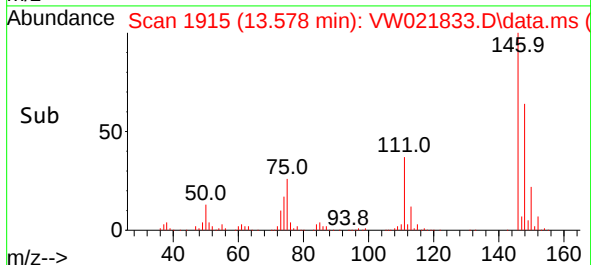
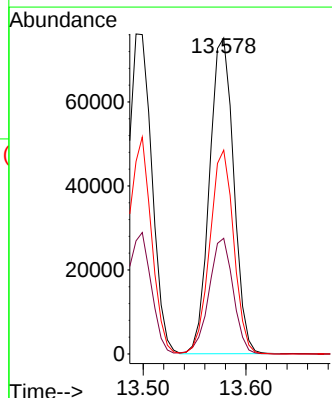
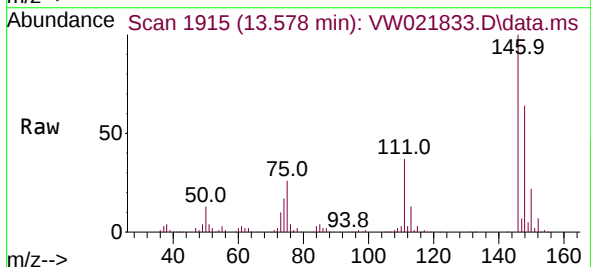
Tgt Ion:146 Resp: 122836

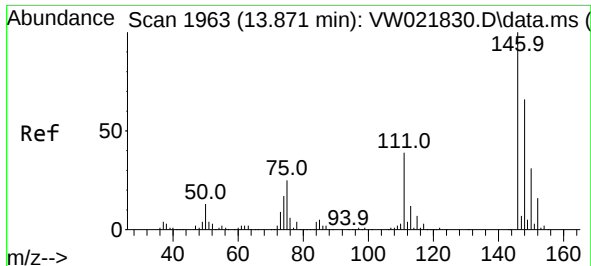
Ion Ratio Lower Upper

146 100

111 36.6 29.0 53.9

148 64.5 46.9 87.1





#67

1,2-Dichlorobenzene

Concen: 22.881 ug/L

RT: 13.865 min Scan# 1962

Delta R.T. -0.006 min

Lab File: VW021833.D

Acq: 11 Jan 2022 15:06

Instrument :

MSVOA_W

ClientSampleId :

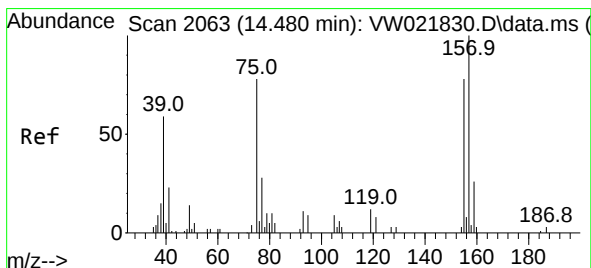
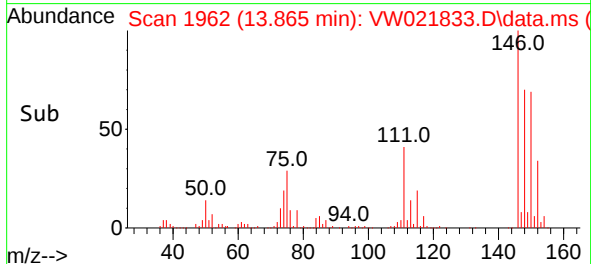
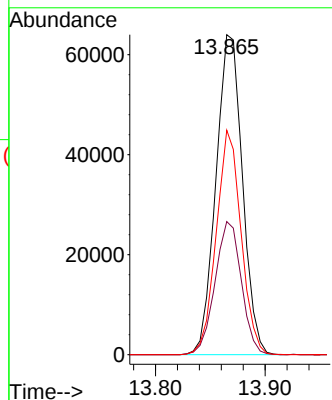
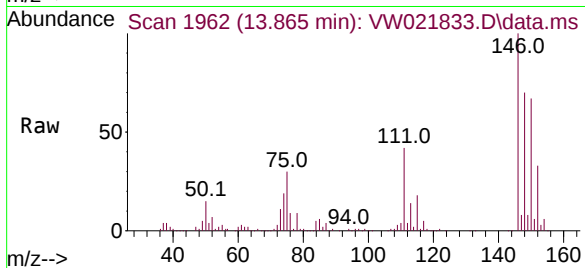
Tgt Ion:146 Resp: 107575

Ion Ratio Lower Upper

146 100

111 41.6 33.1 49.7

148 70.2 47.4 71.2



#68

1,2-Dibromo-3-chloropropane

Concen: 25.119 ug/L

RT: 14.481 min Scan# 2063

Delta R.T. 0.000 min

Lab File: VW021833.D

Acq: 11 Jan 2022 15:06

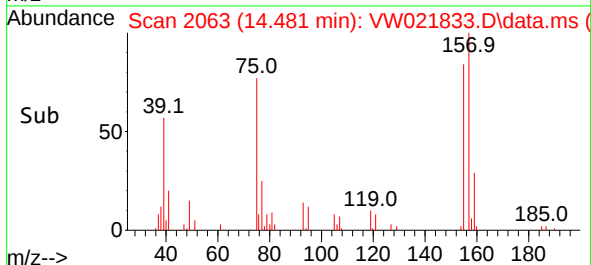
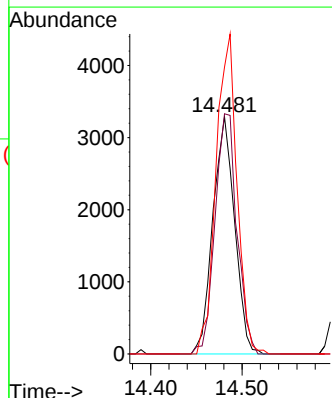
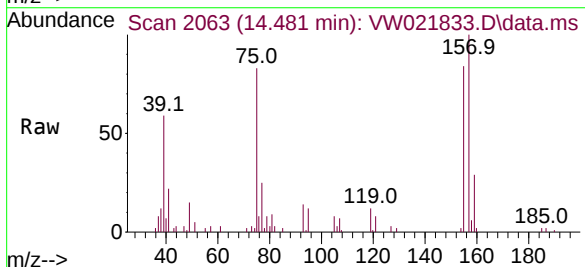
Tgt Ion: 75 Resp: 5437

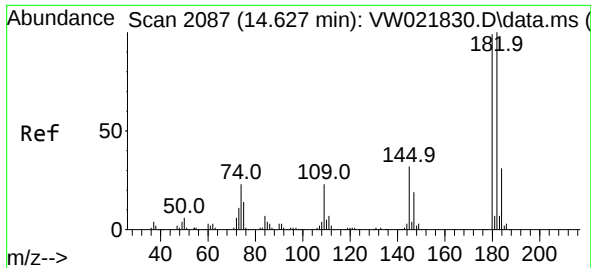
Ion Ratio Lower Upper

75 100

155 101.2 54.2 81.2#

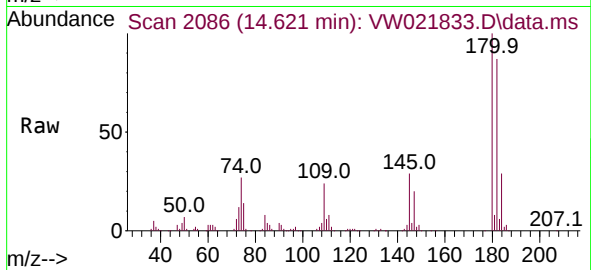
157 121.0 69.4 104.2#



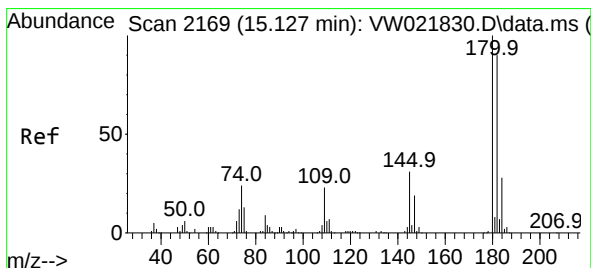
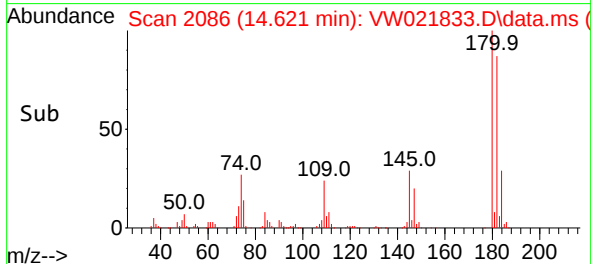
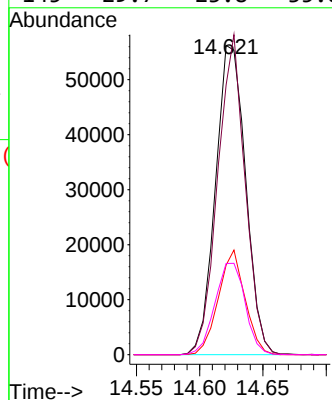


#69
1,3,5-Trichlorobenzene
Concen: 23.348 ug/L
RT: 14.621 min Scan# 2086
Delta R.T. -0.006 min
Lab File: VW021833.D
Acq: 11 Jan 2022 15:06

Instrument :
MSVOA_W
ClientSampleId :

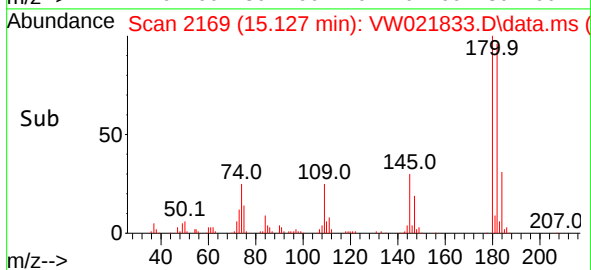
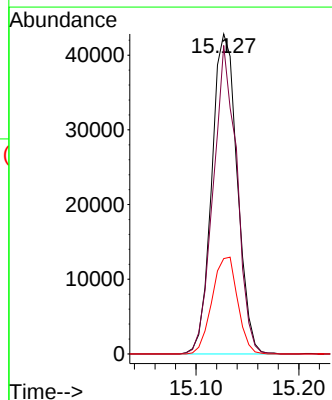
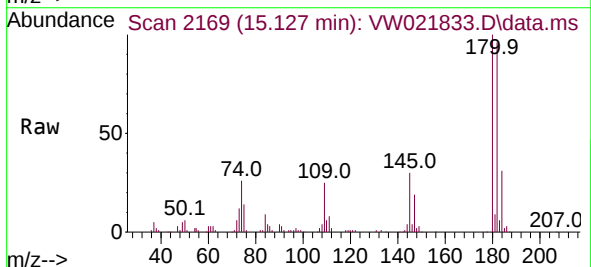


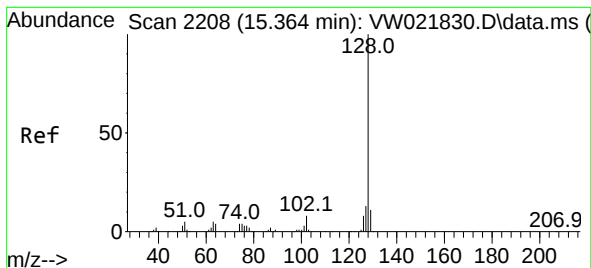
Tgt Ion:180 Resp: 93187
Ion Ratio Lower Upper
180 100
182 93.7 75.4 113.0
184 29.9 23.8 35.8
145 29.7 23.8 35.8



#70
1,2,4-trichlorobenzene
Concen: 23.108 ug/L
RT: 15.127 min Scan# 2169
Delta R.T. 0.000 min
Lab File: VW021833.D
Acq: 11 Jan 2022 15:06

Tgt Ion:180 Resp: 73486
Ion Ratio Lower Upper
180 100
182 89.5 79.0 118.6
145 30.4 26.0 39.0





#71

Naphthalene

Concen: 24.669 ug/L

RT: 15.365 min Scan# 21

Delta R.T. 0.000 min

Lab File: VW021833.D

Acq: 11 Jan 2022 15:06

Instrument :

MSVOA_W

ClientSampleId :

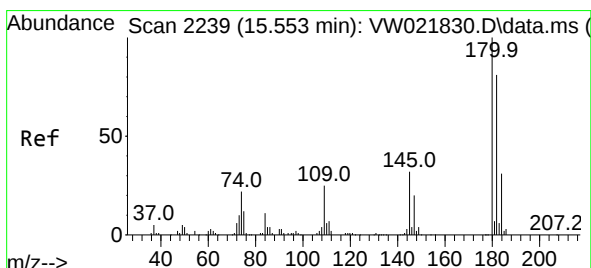
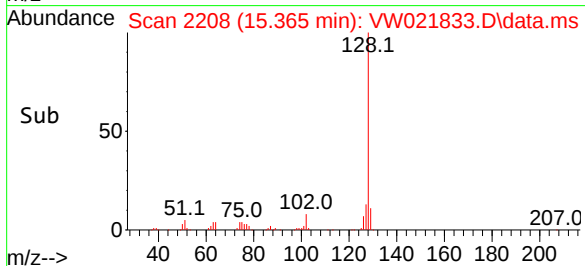
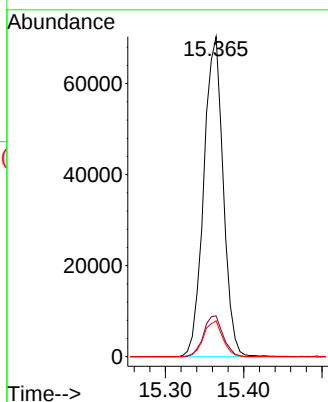
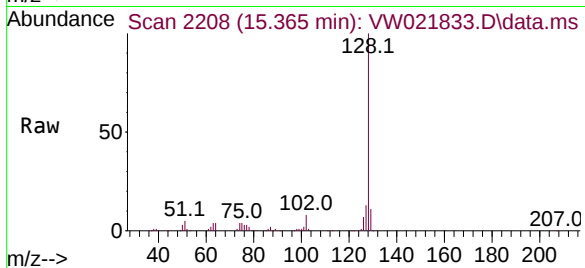
Tgt Ion:128 Resp: 121017

Ion Ratio Lower Upper

128 100

127 12.8 10.7 16.1

129 11.1 8.6 12.8



#72

1,2,3-Trichlorobenzene

Concen: 23.314 ug/L

RT: 15.548 min Scan# 2238

Delta R.T. -0.006 min

Lab File: VW021833.D

Acq: 11 Jan 2022 15:06

Tgt Ion:180 Resp: 61228

Ion Ratio Lower Upper

180 100

182 97.3 76.6 114.8

145 31.2 27.4 41.0

