

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW011822\
 Data File : VW021988.D
 Acq On : 18 Jan 2022 09:29
 Operator : SY/VA
 Sample : VSTDCCC025
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025544

Quant Time: Jan 19 00:25:26 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM011122SMA.M
 Quant Title : SFAM01.0
 QLast Update : Tue Jan 18 00:36:09 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.841	114	130290	25.000	ug/L	# 0.00
28) Chlorobenzene-d5	11.633	117	130728	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.560	152	76138	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.355	65	49062	20.260	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	81.040%
7) Chloroethane-d5	2.885	69	36769	16.814	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	67.240%
11) 1,1-Dichloroethene-d2	4.019	63	89317	23.362	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	93.440%
21) 2-Butanone-d5	7.079	46	20775	60.780	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	121.560%
24) Chloroform-d	7.652	84	104895	24.921	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	99.680%
26) 1,2-Dichloroethane-d4	8.305	65	51693	25.432	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	101.720%
32) Benzene-d6	8.274	84	201962	23.809	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	95.240%
36) 1,2-Dichloropropane-d6	9.274	67	55436	24.795	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	99.160%
41) Toluene-d8	10.323	98	202056	23.629	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	94.520%
43) trans-1,3-Dichloroprop...	10.579	79	23309	24.555	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	98.200%
47) 2-Hexanone-d5	10.926	63	19133	63.066	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	126.140%
56) 1,1,2,2-Tetrachloroeth...	12.688	84	46255	26.457	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	105.840%
66) 1,2-Dichlorobenzene-d4	13.853	152	76104	24.309	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	97.240%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.007	85	10889	21.200	ug/L	93
3) Chloromethane	2.214	50	40913	21.969	ug/L	99
5) Vinyl chloride	2.361	62	59575	22.269	ug/L	95
6) Bromomethane	2.781	94	42101	22.256	ug/L	98
8) Chloroethane	2.922	64	30554	18.898	ug/L	98
9) Trichlorofluoromethane	3.269	101	48275	24.282	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	4.074	101	52092	24.072	ug/L	91
12) 1,1-Dichloroethene	4.037	96	47380	24.363	ug/L	77
13) Acetone	4.141	43	14629	51.804	ug/L	84
14) Carbon disulfide	4.385	76	118526	23.279	ug/L	98
15) Methyl Acetate	4.677	43	15706	27.518	ug/L #	81
16) Methylene chloride	4.915	84	49004	21.977	ug/L	81
17) trans-1,2-Dichloroethene	5.427	96	52098	24.792	ug/L	79
18) Methyl tert-butyl Ether	5.427	73	70645	26.362	ug/L #	90
19) 1,1-Dichloroethane	6.220	63	81808	26.545	ug/L	95
20) cis-1,2-Dichloroethene	7.171	96	57435	26.568	ug/L	67
22) 2-Butanone	7.177	43	21929	60.752	ug/L	80
23) Bromochloromethane	7.518	128	27117	25.210	ug/L #	59
25) Chloroform	7.677	83	96030	26.335	ug/L	99

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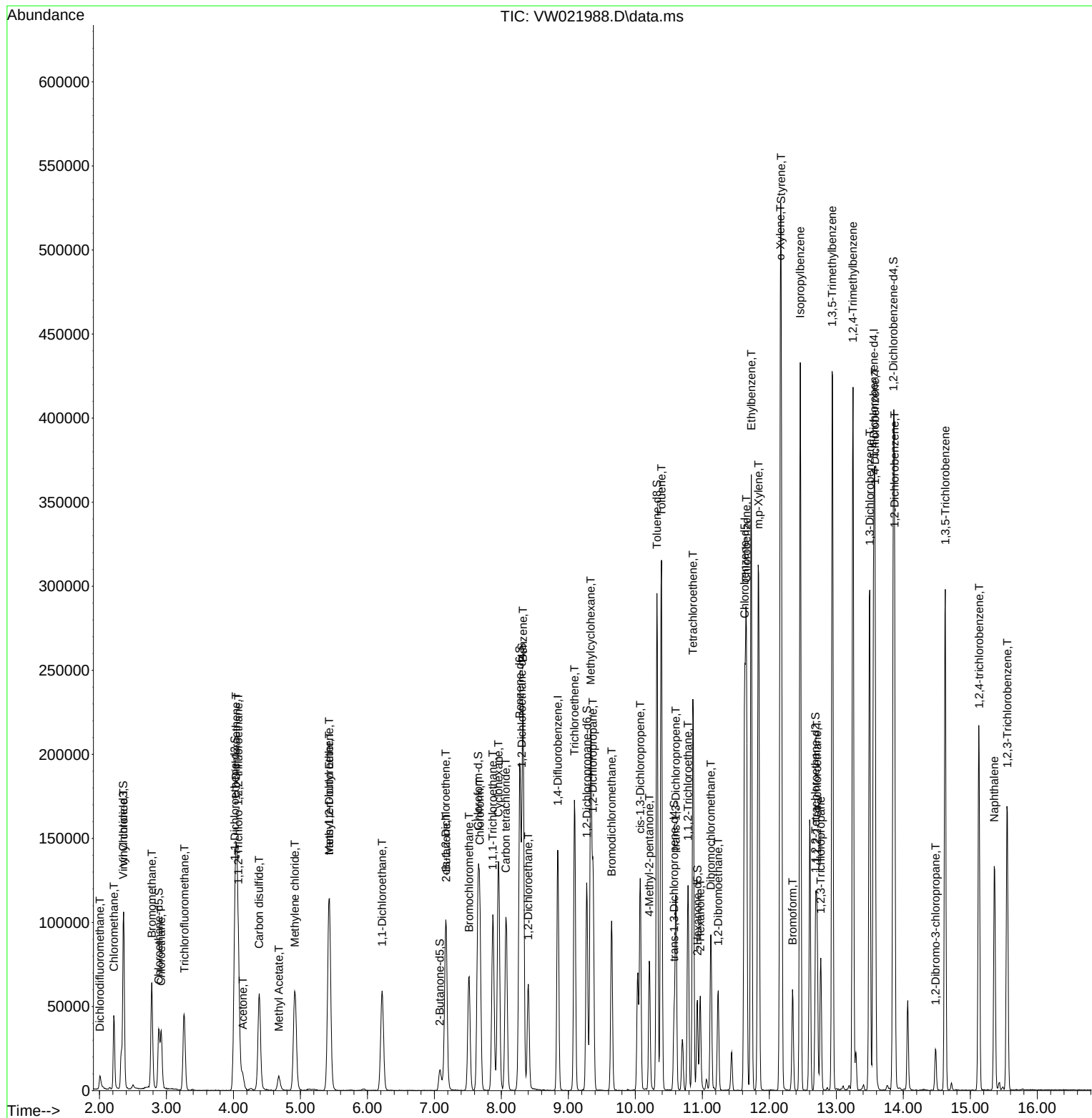
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27) 1,2-Dichloroethane	8.402	62	56301	26.663	ug/L #	94
29) Cyclohexane	7.957	56	75142	25.693	ug/L #	77
30) 1,1,1-Trichloroethane	7.872	97	85553	25.248	ug/L #	93
31) Carbon tetrachloride	8.067	117	81711	24.884	ug/L	99
33) Benzene	8.323	78	201790	25.173	ug/L	100
34) Trichloroethene	9.091	95	59193	25.452	ug/L	92
35) Methylcyclohexane	9.335	83	95048	24.853	ug/L #	82
37) 1,2-Dichloropropane	9.366	63	45438	26.019	ug/L #	94
38) Bromodichloromethane	9.646	83	65754	26.973	ug/L #	98
39) cis-1,3-Dichloropropene	10.073	75	74075	27.299	ug/L	96
40) 4-Methyl-2-pentanone	10.207	43	47490	57.891	ug/L #	87
42) Toluene	10.390	91	236415	26.296	ug/L	99
44) trans-1,3-Dichloropropene	10.603	75	64508	28.403	ug/L	97
45) 1,1,2-Trichloroethane	10.786	97	39141	26.399	ug/L	93
46) Tetrachloroethene	10.859	164	53485	23.257	ug/L	98
48) 2-Hexanone	10.969	43	33078	58.933	ug/L #	90
49) Dibromochloromethane	11.127	129	49260	26.368	ug/L	100
50) 1,2-Dibromoethane	11.237	107	38369	26.070	ug/L #	97
51) Chlorobenzene	11.658	112	157687	24.841	ug/L	89
52) Ethylbenzene	11.731	91	258106	25.843	ug/L	96
53) m,p-Xylene	11.841	106	109783	26.287	ug/L	84
54) o-Xylene	12.164	106	102930	26.548	ug/L	95
55) Styrene	12.176	104	169708	26.513	ug/L	93
57) 1,1,2,2-Tetrachloroethane	12.713	83	42259	26.490	ug/L #	98
59) Bromoform	12.347	173	27297	26.296	ug/L #	98
60) Isopropylbenzene	12.463	105	285845	27.569	ug/L	94
61) 1,2,3-Trichloropropane	12.767	75	30708	28.222	ug/L #	89
62) 1,3,5-Trimethylbenzene	12.938	105	239086	27.847	ug/L	92
63) 1,2,4-Trimethylbenzene	13.249	105	235321	27.791	ug/L	94
64) 1,3-Dichlorobenzene	13.499	146	131922	25.307	ug/L	89
65) 1,4-Dichlorobenzene	13.578	146	131014	25.455	ug/L	93
67) 1,2-Dichlorobenzene	13.871	146	120519	26.406	ug/L	93
68) 1,2-Dibromo-3-chloropr...	14.480	75	5737	27.303	ug/L #	60
69) 1,3,5-Trichlorobenzene	14.627	180	98140	25.330	ug/L	98
70) 1,2,4-trichlorobenzene	15.133	180	73502	23.809	ug/L	96
71) Naphthalene	15.358	128	122922	25.812	ug/L	99
72) 1,2,3-Trichlorobenzene	15.553	180	59041	23.159	ug/L	98

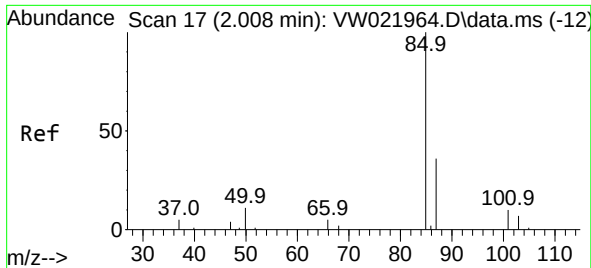
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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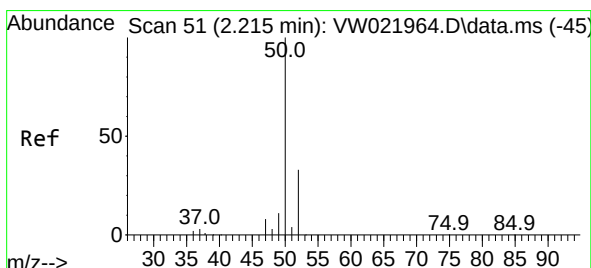
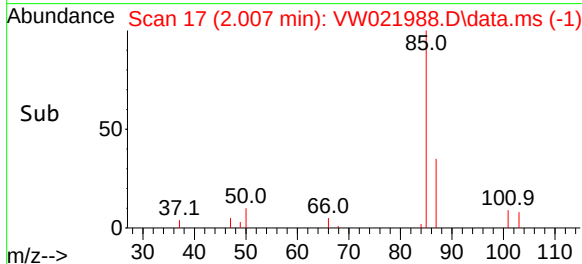
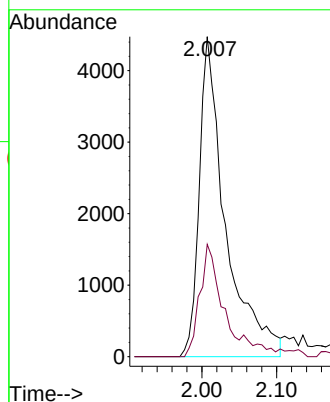
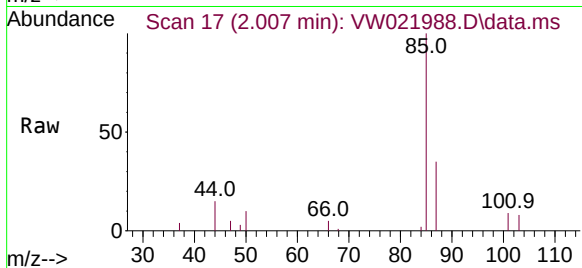




#2
 Dichlorodifluoromethane
 Concen: 21.200 ug/L
 RT: 2.007 min Scan# 1
 Delta R.T. -0.000 min
 Lab File: VW021988.D
 Acq: 18 Jan 2022 09:29

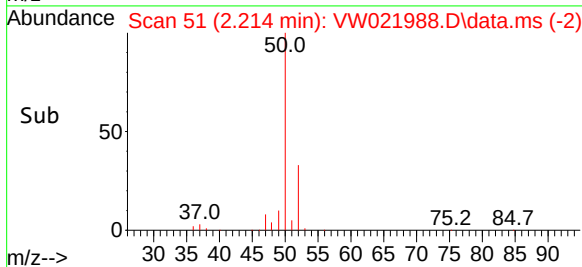
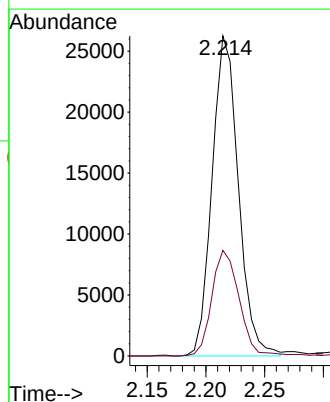
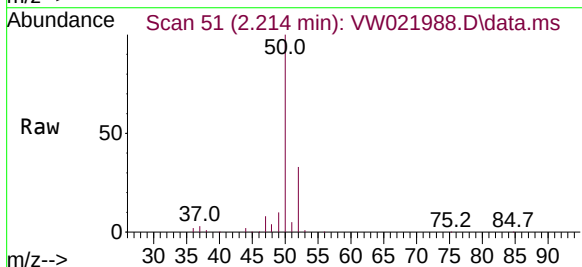
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025544

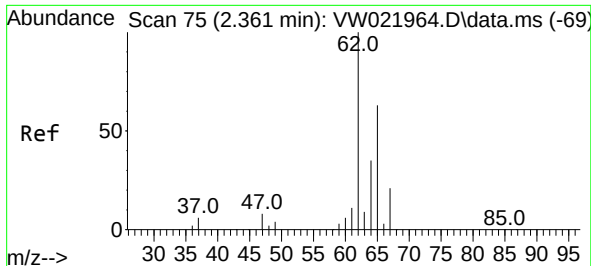
Tgt Ion: 85 Resp: 10889
 Ion Ratio Lower Upper
 85 100
 87 28.5 25.8 38.6



#3
 Chloromethane
 Concen: 21.969 ug/L
 RT: 2.214 min Scan# 51
 Delta R.T. -0.000 min
 Lab File: VW021988.D
 Acq: 18 Jan 2022 09:29

Tgt Ion: 50 Resp: 40913
 Ion Ratio Lower Upper
 50 100
 52 33.0 23.4 43.6

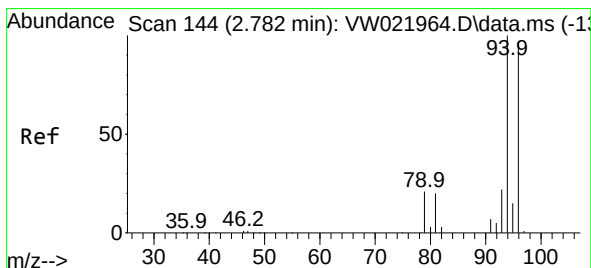
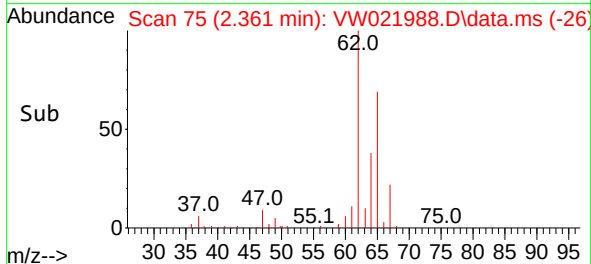
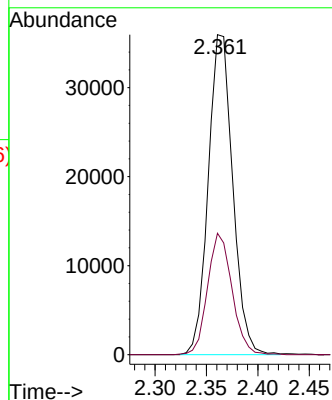
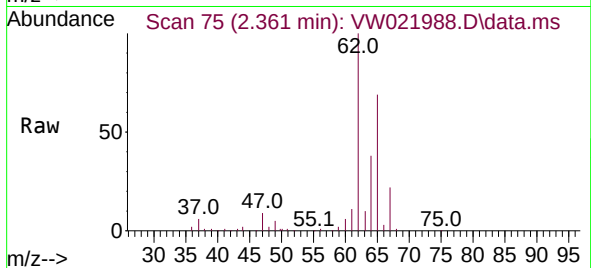




#5
 Vinyl chloride
 Concen: 22.269 ug/L
 RT: 2.361 min Scan# 75
 Delta R.T. -0.000 min
 Lab File: VW021988.D
 Acq: 18 Jan 2022 09:29

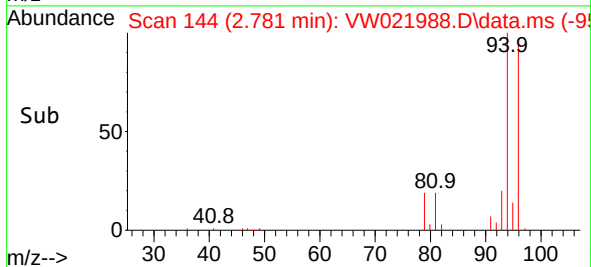
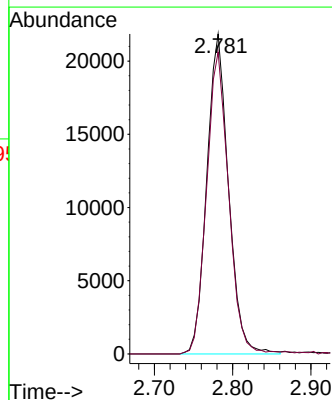
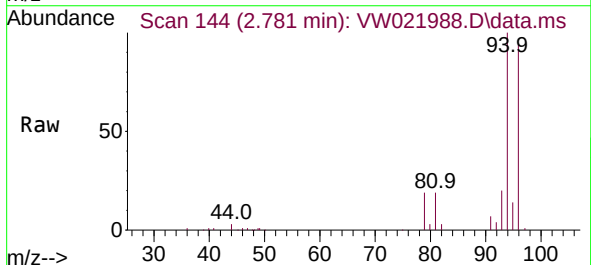
Instrument :
 MSVOA_W
 ClientSampleId :
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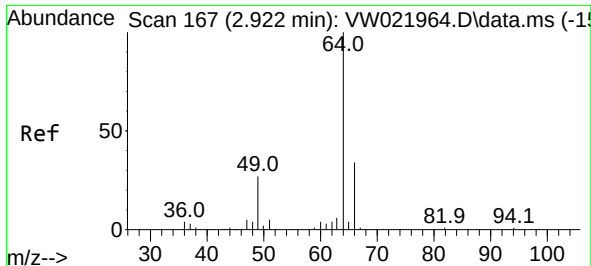
Tgt Ion: 62 Resp: 59575
 Ion Ratio Lower Upper
 62 100
 64 38.0 24.4 45.2



#6
 Bromomethane
 Concen: 22.256 ug/L
 RT: 2.781 min Scan# 144
 Delta R.T. -0.000 min
 Lab File: VW021988.D
 Acq: 18 Jan 2022 09:29

Tgt Ion: 94 Resp: 42101
 Ion Ratio Lower Upper
 94 100
 96 94.3 64.8 120.4

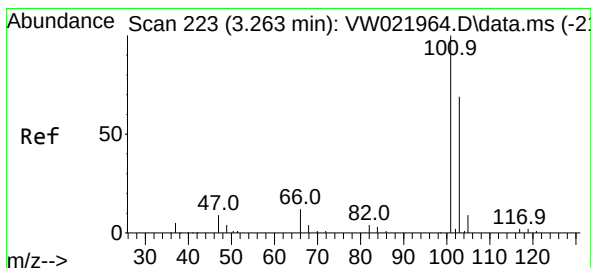
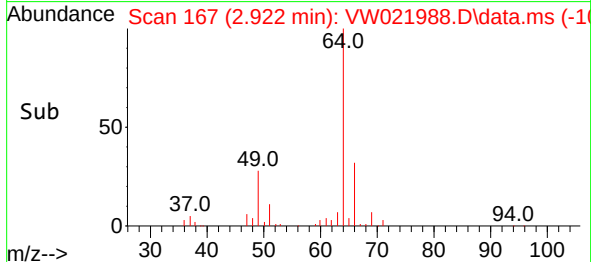
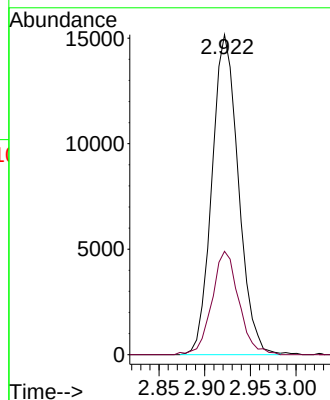
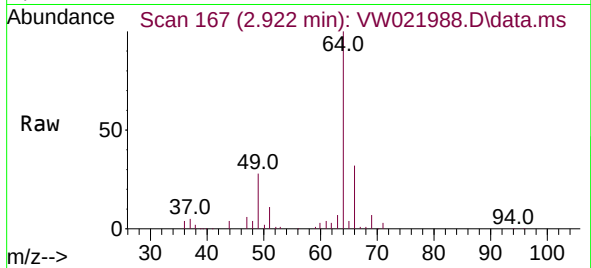




#8
Chloroethane
Concen: 18.898 ug/L
RT: 2.922 min Scan# 1
Delta R.T. -0.000 min
Lab File: VW021988.D
Acq: 18 Jan 2022 09:29

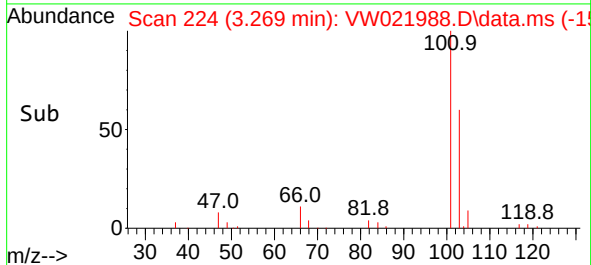
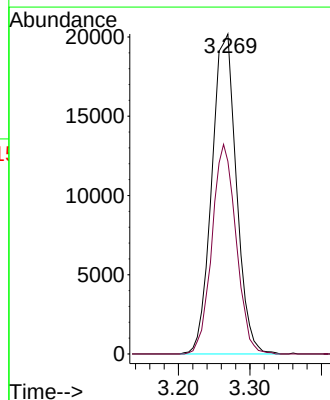
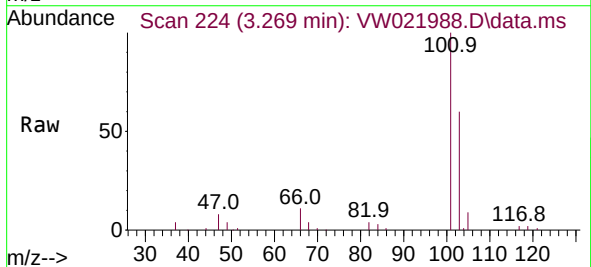
Instrument :
MSVOA_W
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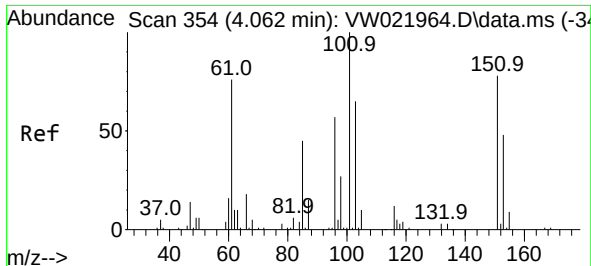
Tgt Ion: 64 Resp: 30554
Ion Ratio Lower Upper
64 100
66 32.3 22.0 40.8



#9
Trichlorofluoromethane
Concen: 24.282 ug/L
RT: 3.269 min Scan# 224
Delta R.T. 0.006 min
Lab File: VW021988.D
Acq: 18 Jan 2022 09:29

Tgt Ion:101 Resp: 48275
Ion Ratio Lower Upper
101 100
103 64.3 51.4 77.2





#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 24.072 ug/L

RT: 4.074 min Scan# 3

Delta R.T. 0.012 min

Lab File: VW021988.D

Acq: 18 Jan 2022 09:29

Instrument :

MSVOA_W

ClientSampleId :

VSTD025544

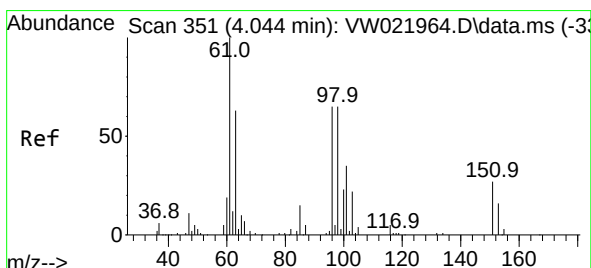
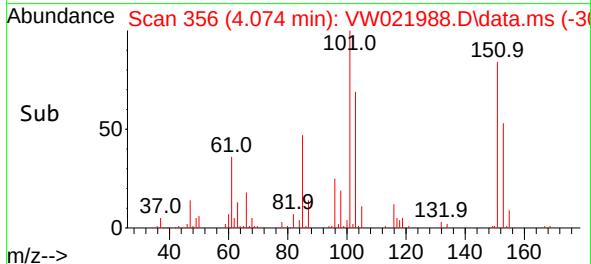
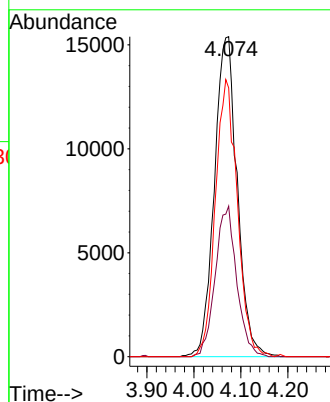
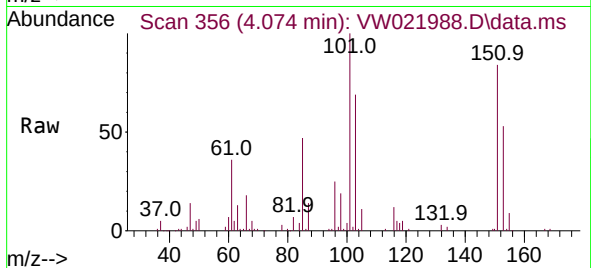
Tgt Ion:101 Resp: 52092

Ion Ratio Lower Upper

101 100

85 43.9 36.6 54.8

151 83.0 57.4 86.0



#12

1,1-Dichloroethene

Concen: 24.363 ug/L

RT: 4.037 min Scan# 350

Delta R.T. -0.007 min

Lab File: VW021988.D

Acq: 18 Jan 2022 09:29

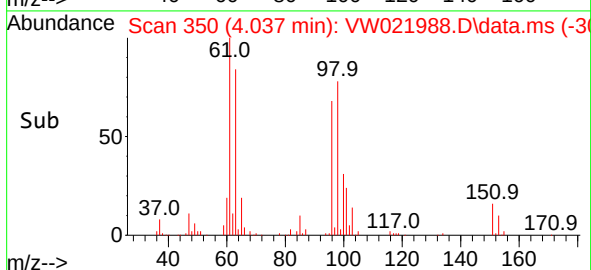
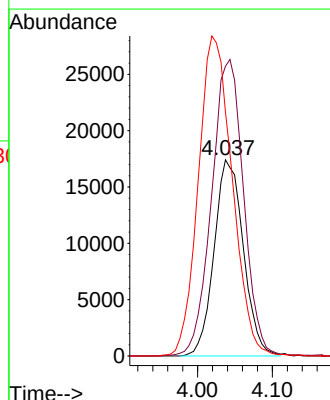
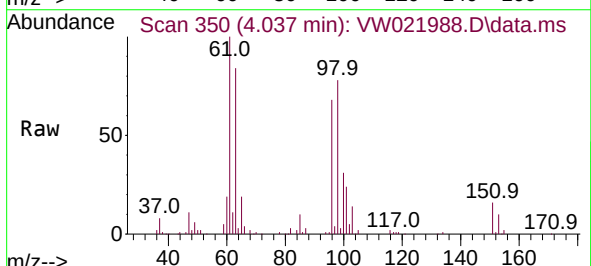
Tgt Ion: 96 Resp: 47380

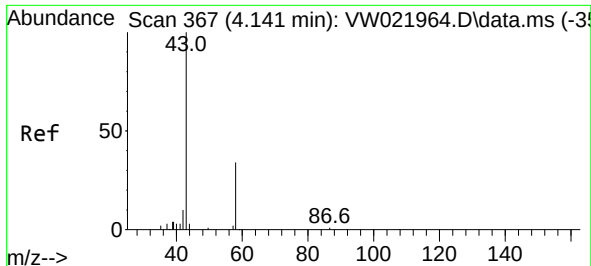
Ion Ratio Lower Upper

96 100

61 147.8 138.3 256.9

63 124.3 82.6 153.4





#13

Acetone

Concen: 51.804 ug/L

RT: 4.141 min Scan# 3

Delta R.T. -0.000 min

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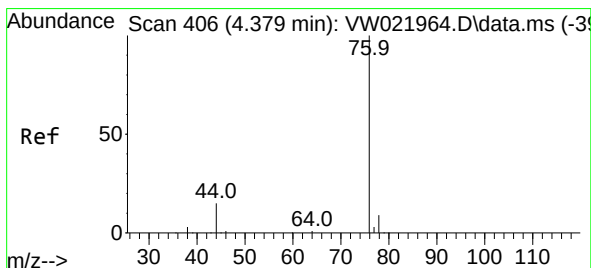
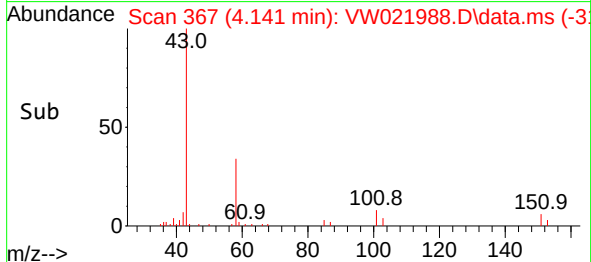
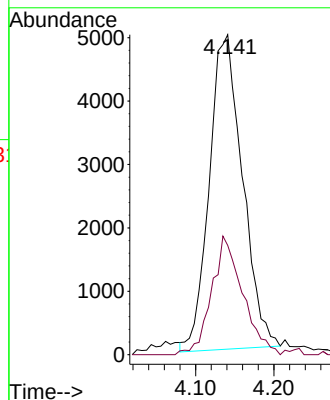
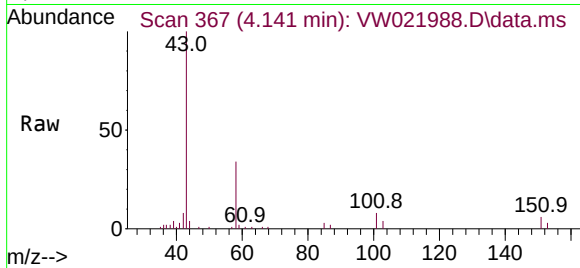
VSTD025544

Tgt Ion: 43 Resp: 14629

Ion Ratio Lower Upper

43 100

58 34.7 0.0 52.8



#14

Carbon disulfide

Concen: 23.279 ug/L

RT: 4.385 min Scan# 407

Delta R.T. 0.006 min

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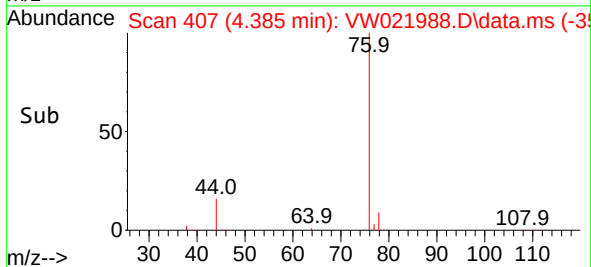
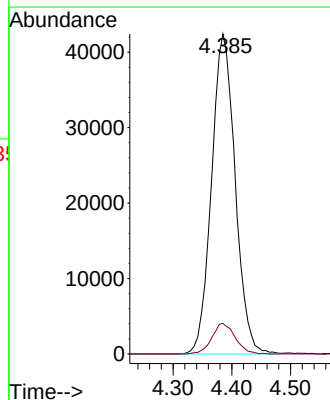
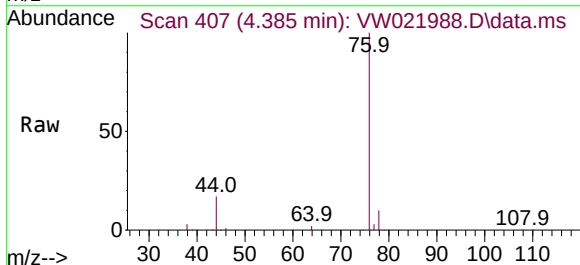
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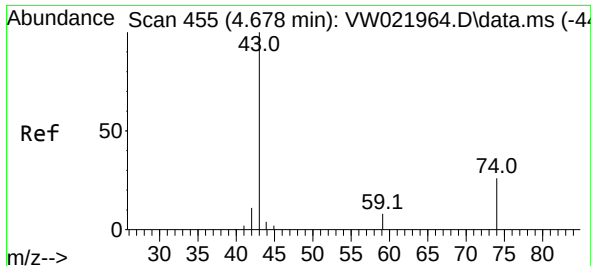
Tgt Ion: 76 Resp: 118526

Ion Ratio Lower Upper

76 100

78 9.6 7.1 10.7

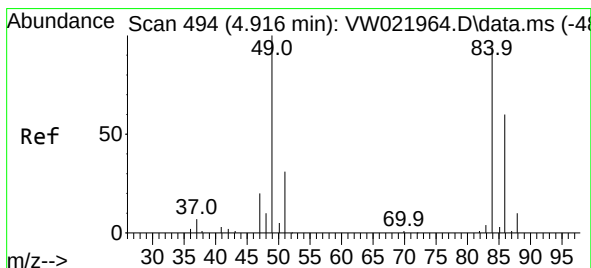
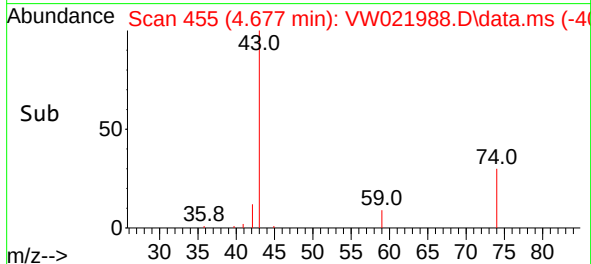
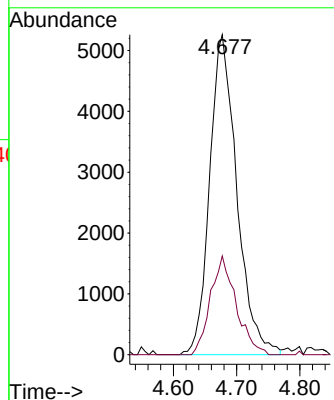
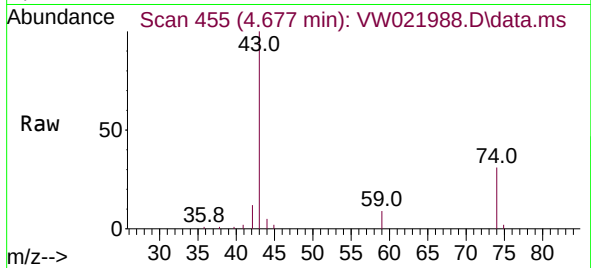




#15
Methyl Acetate
Concen: 27.518 ug/L
RT: 4.677 min Scan# 415
Delta R.T. -0.000 min
Lab File: VW021988.D
Acq: 18 Jan 2022 09:29

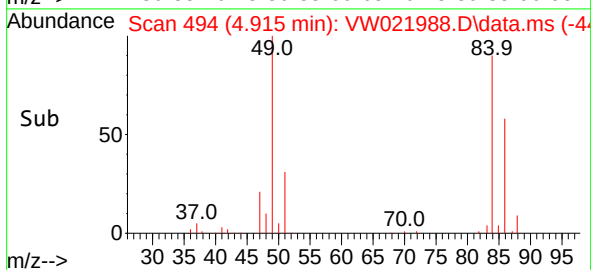
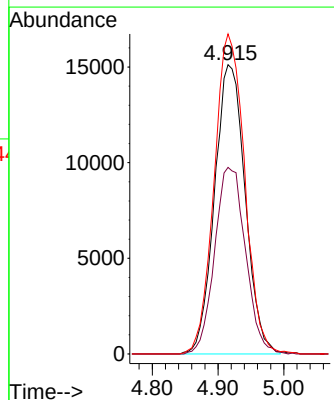
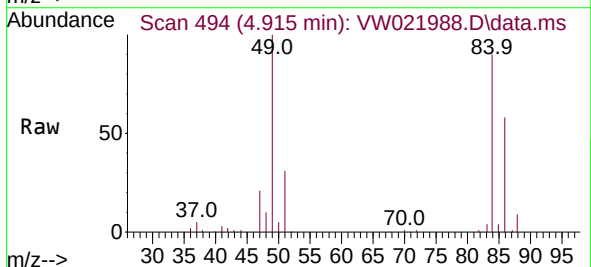
Instrument :
MSVOA_W
ClientSampleId :
VSTD025544

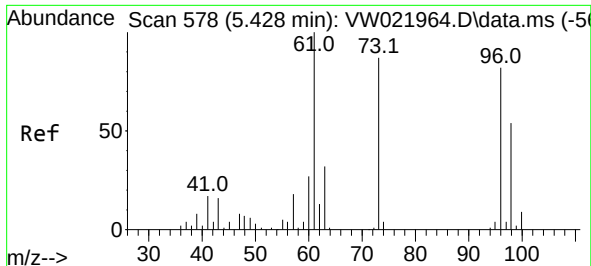
Tgt Ion: 43 Resp: 15706
Ion Ratio Lower Upper
43 100
74 29.2 16.4 24.6#



#16
Methylene chloride
Concen: 21.977 ug/L
RT: 4.915 min Scan# 494
Delta R.T. -0.000 min
Lab File: VW021988.D
Acq: 18 Jan 2022 09:29

Tgt Ion: 84 Resp: 49004
Ion Ratio Lower Upper
84 100
86 64.5 45.5 84.5
49 110.6 100.5 186.7





#17

trans-1,2-Dichloroethene

Concen: 24.792 ug/L

RT: 5.427 min Scan# 578

Delta R.T. -0.000 min

Lab File: VW021988.D

Acq: 18 Jan 2022 09:29

Instrument :

MSVOA_W

ClientSampleId :

VSTD025544

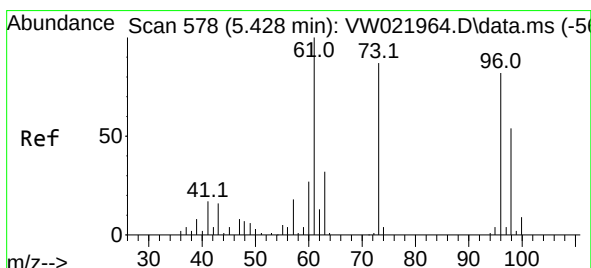
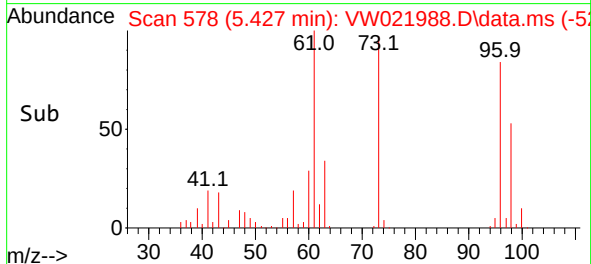
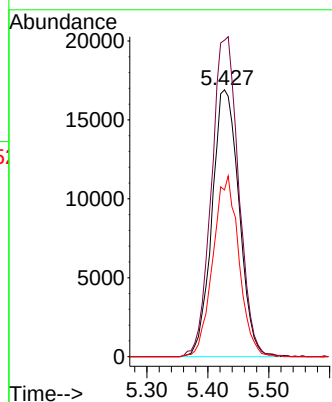
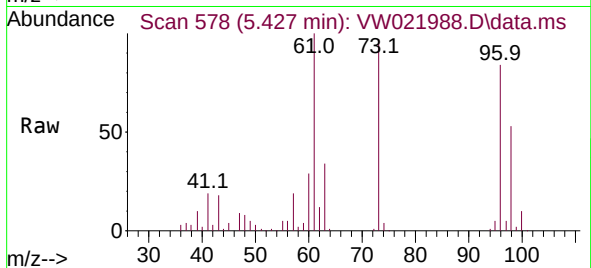
Tgt Ion: 96 Resp: 52098

Ion Ratio Lower Upper

96 100

61 118.6 107.4 199.4

98 62.5 41.2 76.6



#18

Methyl tert-butyl Ether

Concen: 26.362 ug/L

RT: 5.427 min Scan# 578

Delta R.T. -0.000 min

Lab File: VW021988.D

Acq: 18 Jan 2022 09:29

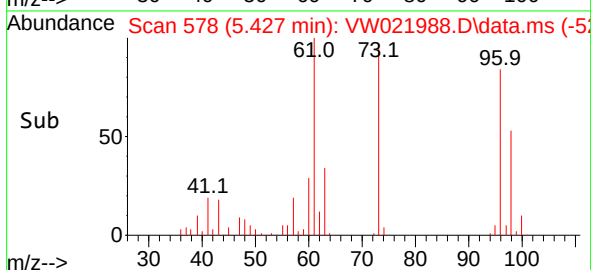
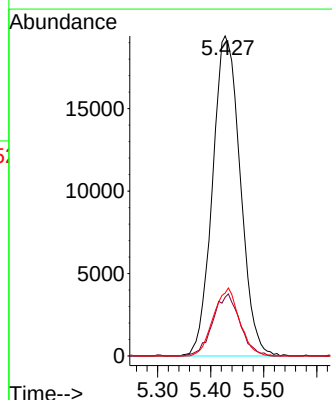
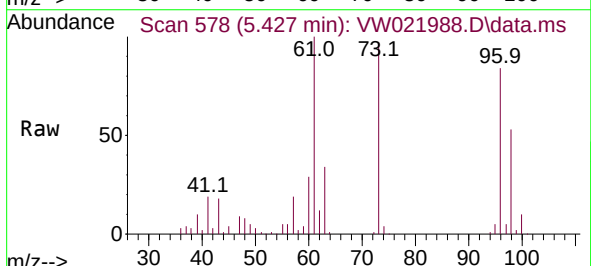
Tgt Ion: 73 Resp: 70645

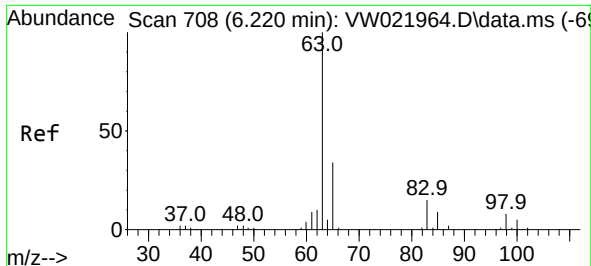
Ion Ratio Lower Upper

73 100

43 18.9 19.5 29.3#

57 19.8 19.3 28.9





#19

1,1-Dichloroethane

Concen: 26.545 ug/L

RT: 6.220 min Scan# 708

Delta R.T. -0.000 min

Lab File: VW021988.D

Acq: 18 Jan 2022 09:29

Instrument :

MSVOA_W

ClientSampleId :

VSTD025544

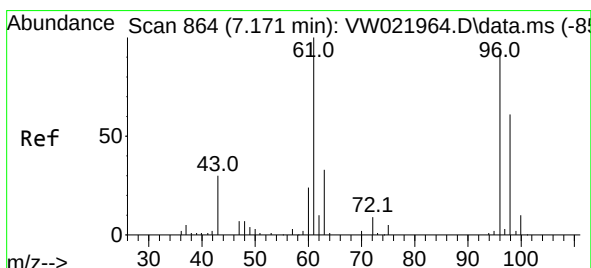
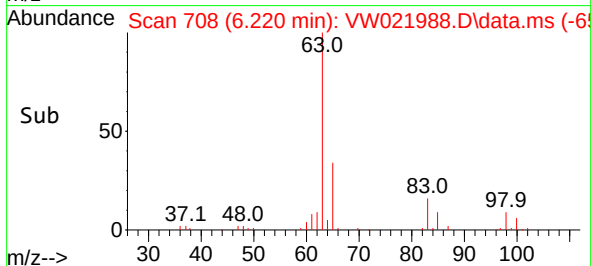
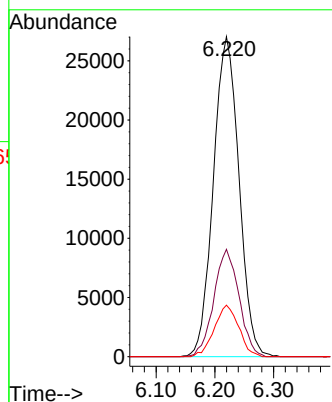
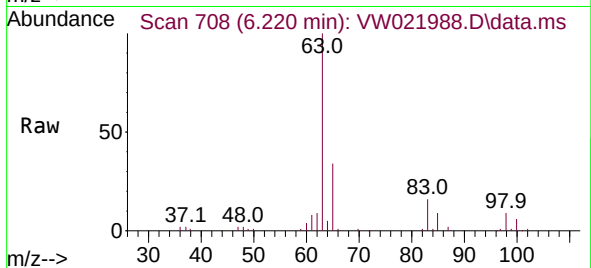
Tgt Ion: 63 Resp: 81808

Ion Ratio Lower Upper

63 100

65 33.6 22.1 41.1

83 16.1 9.2 17.2



#20

cis-1,2-Dichloroethene

Concen: 26.568 ug/L

RT: 7.171 min Scan# 864

Delta R.T. -0.000 min

Lab File: VW021988.D

Acq: 18 Jan 2022 09:29

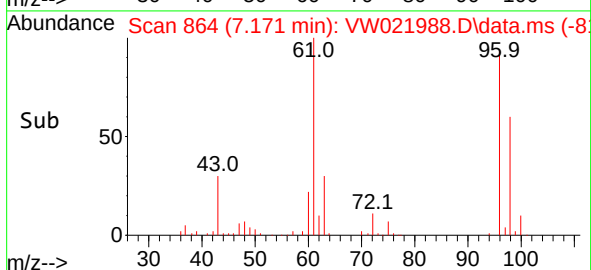
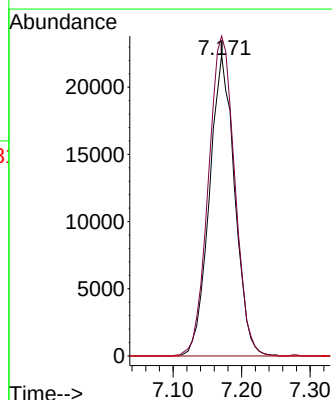
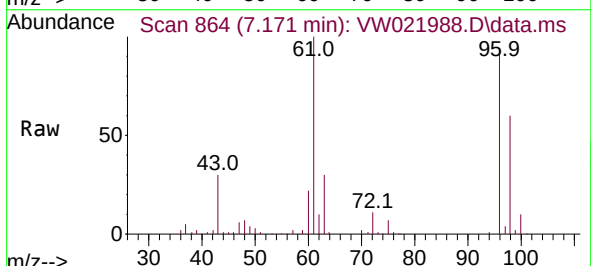
Tgt Ion: 96 Resp: 57435

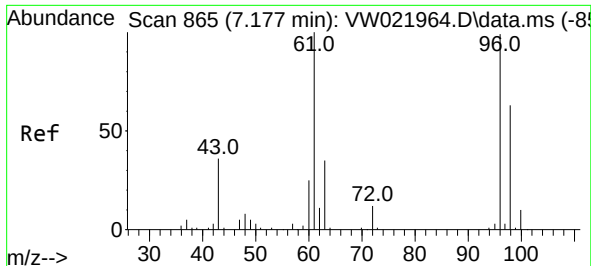
Ion Ratio Lower Upper

96 100

61 106.4 103.7 192.7

68 0.0 0.0 0.0

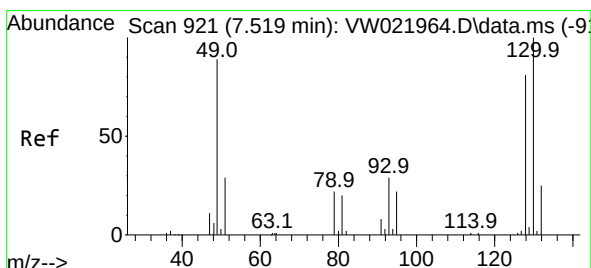
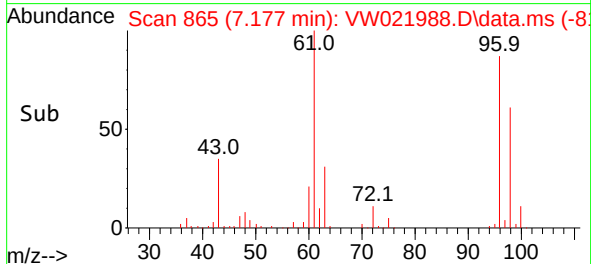
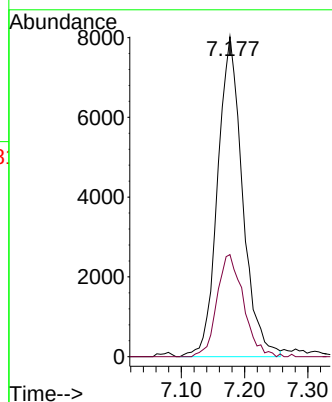
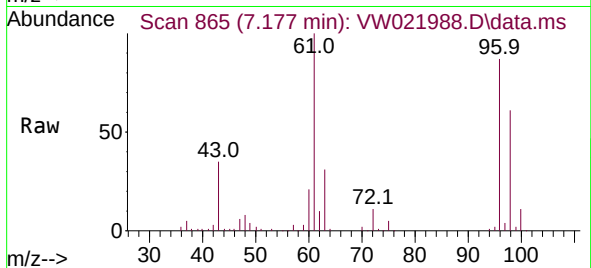




#22
2-Butanone
Concen: 60.752 ug/L
RT: 7.177 min Scan# 865
Delta R.T. -0.000 min
Lab File: VW021988.D
Acq: 18 Jan 2022 09:29

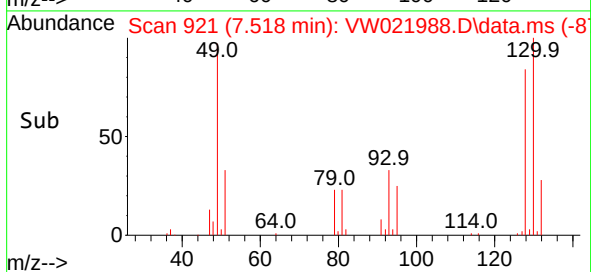
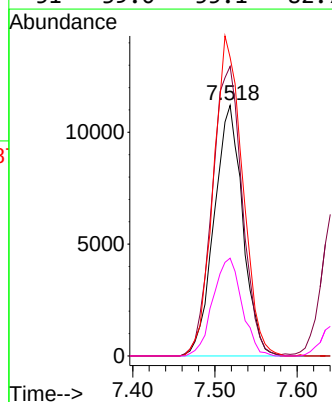
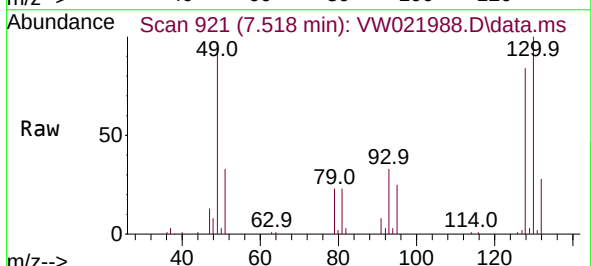
Instrument :
MSVOA_W
ClientSampleId :
VSTD025544

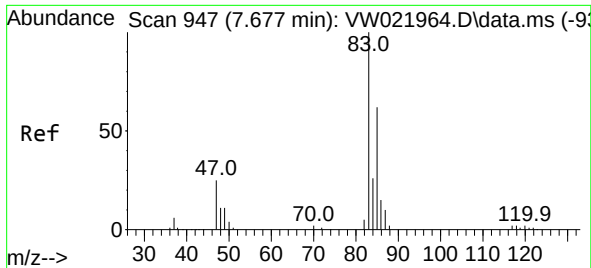
Tgt Ion: 43 Resp: 21929
Ion Ratio Lower Upper
43 100
72 33.4 11.8 35.4



#23
Bromochloromethane
Concen: 25.210 ug/L
RT: 7.518 min Scan# 921
Delta R.T. -0.000 min
Lab File: VW021988.D
Acq: 18 Jan 2022 09:29

Tgt Ion: 128 Resp: 27117
Ion Ratio Lower Upper
128 100
49 115.5 150.3 279.1#
130 119.2 88.3 163.9
51 39.0 55.1 82.7#

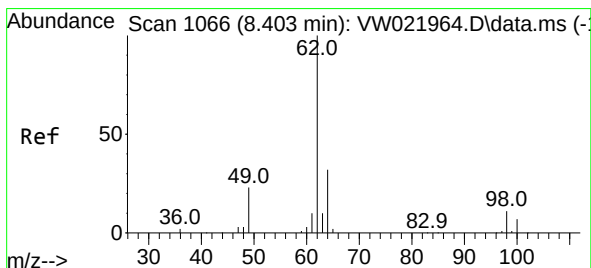
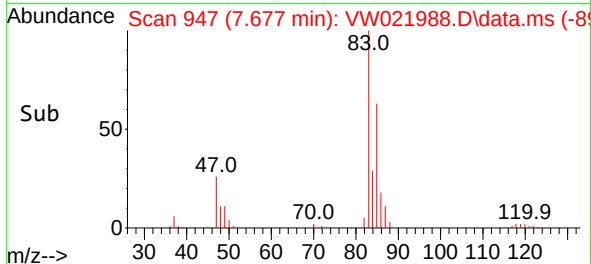
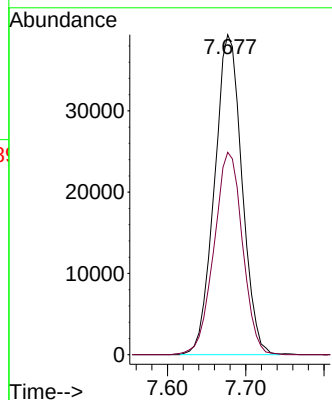
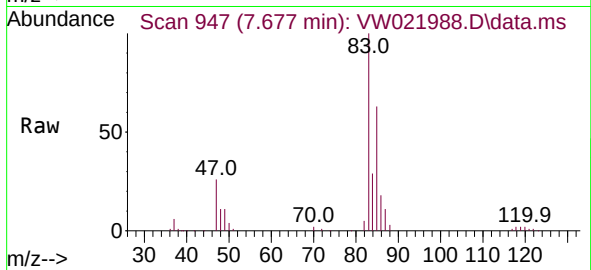




#25
Chloroform
Concen: 26.335 ug/L
RT: 7.677 min Scan# 947
Delta R.T. -0.000 min
Lab File: VW021988.D
Acq: 18 Jan 2022 09:29

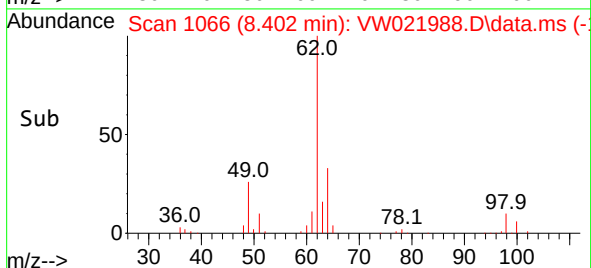
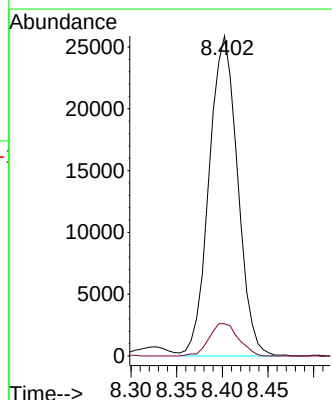
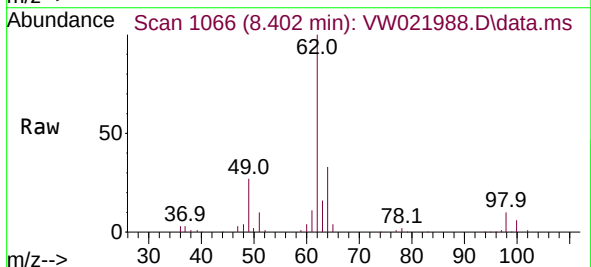
Instrument :
MSVOA_W
ClientSampleId :
VSTD025544

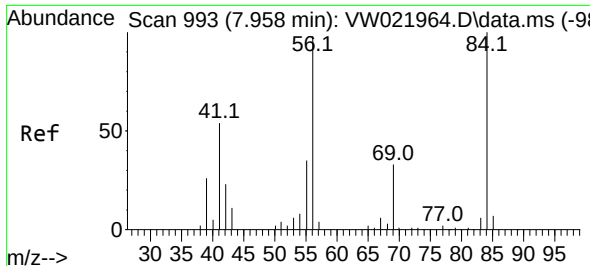
Tgt Ion: 83 Resp: 96030
Ion Ratio Lower Upper
83 100
85 63.2 45.1 83.7



#27
1,2-Dichloroethane
Concen: 26.663 ug/L
RT: 8.402 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VW021988.D
Acq: 18 Jan 2022 09:29

Tgt Ion: 62 Resp: 56301
Ion Ratio Lower Upper
62 100
98 10.1 6.5 9.7#

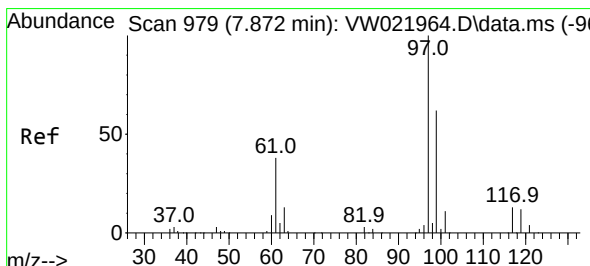
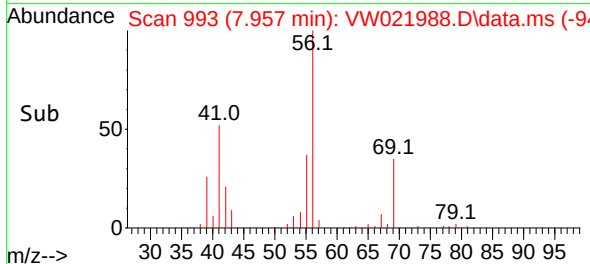
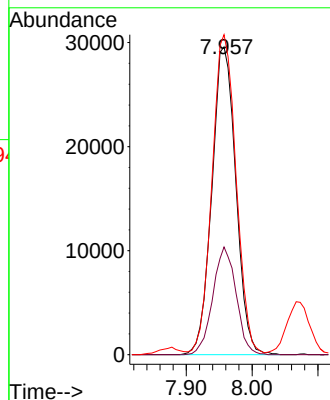
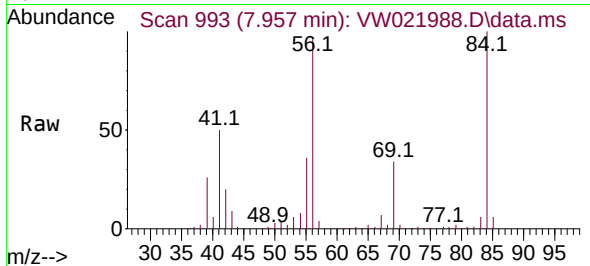




#29
Cyclohexane
Concen: 25.693 ug/L
RT: 7.957 min Scan# 993
Delta R.T. -0.000 min
Lab File: VW021988.D
Acq: 18 Jan 2022 09:29

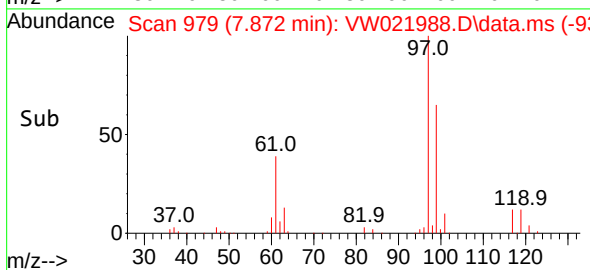
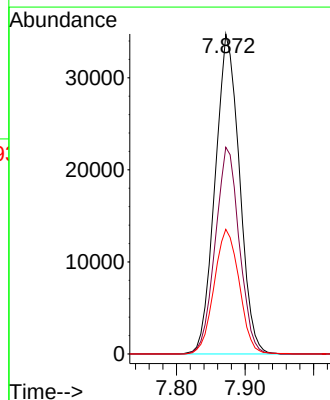
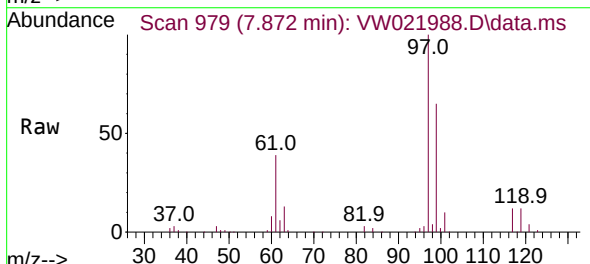
Instrument :
MSVOA_W
ClientSampleId :
VSTD025544

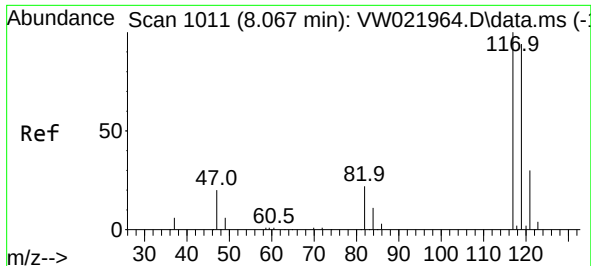
Tgt Ion:	56	Resp:	75142
Ion	Ratio	Lower	Upper
56	100		
69	33.9	23.5	35.3
84	104.5	63.4	95.2#



#30
1,1,1-Trichloroethane
Concen: 25.248 ug/L
RT: 7.872 min Scan# 979
Delta R.T. -0.000 min
Lab File: VW021988.D
Acq: 18 Jan 2022 09:29

Tgt Ion:	97	Resp:	85553
Ion	Ratio	Lower	Upper
97	100		
99	63.9	51.6	77.4
61	40.3	40.9	61.3#

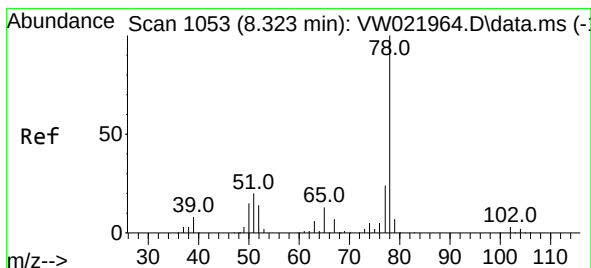
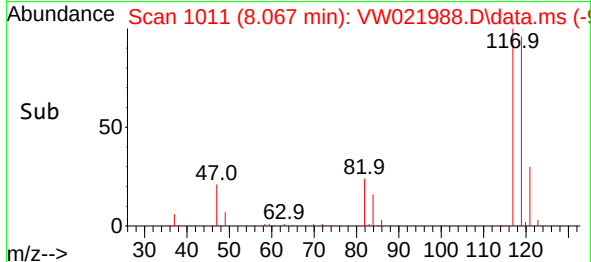
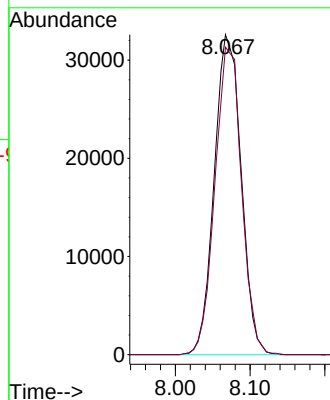
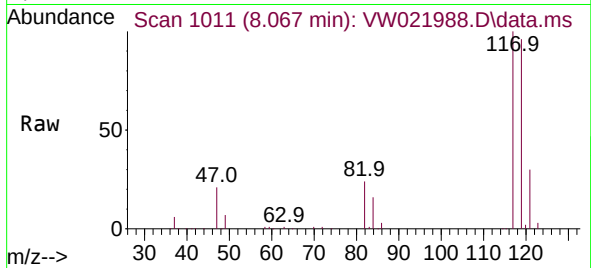




#31
Carbon tetrachloride
Concen: 24.884 ug/L
RT: 8.067 min Scan# 1011
Delta R.T. -0.000 min
Lab File: VW021988.D
Acq: 18 Jan 2022 09:29

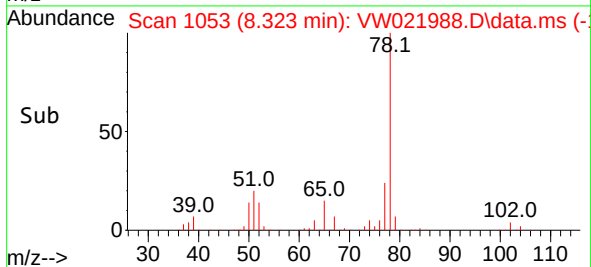
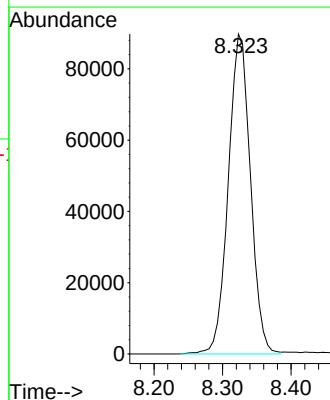
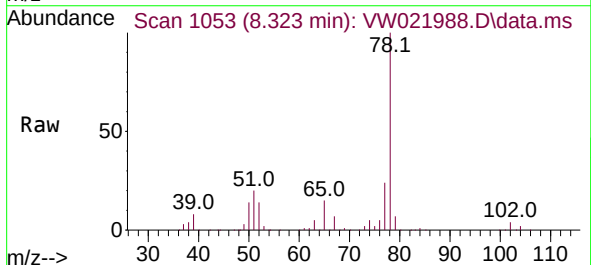
Instrument :
MSVOA_W
ClientSampleId :
VSTD025544

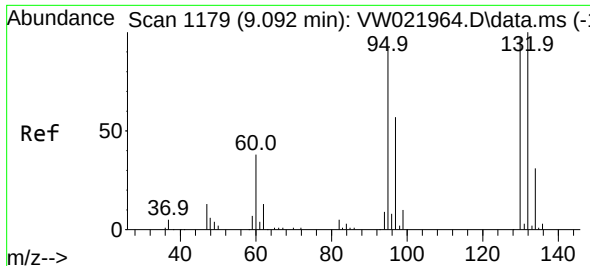
Tgt Ion:117 Resp: 81711
Ion Ratio Lower Upper
117 100
119 95.4 75.7 113.5



#33
Benzene
Concen: 25.173 ug/L
RT: 8.323 min Scan# 1053
Delta R.T. -0.000 min
Lab File: VW021988.D
Acq: 18 Jan 2022 09:29

Tgt Ion: 78 Resp: 201790



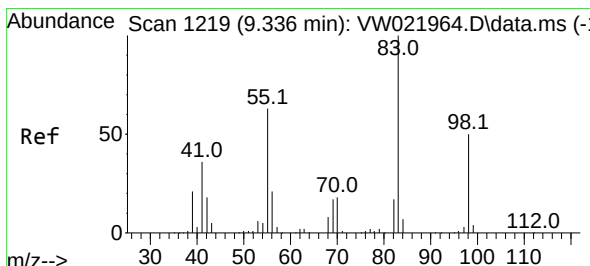
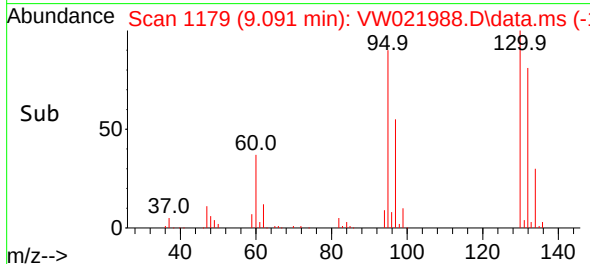
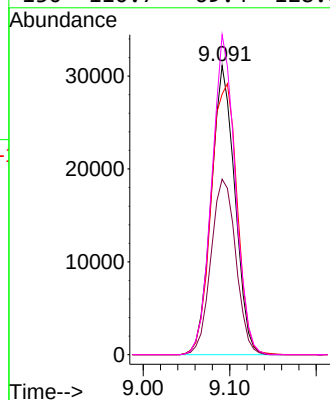
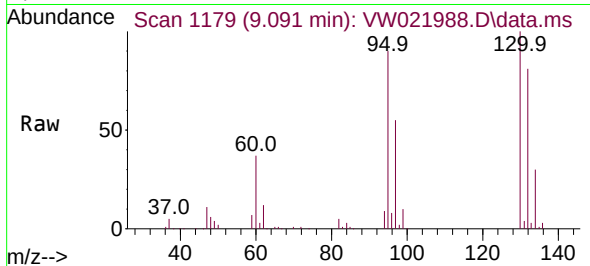


#34
Trichloroethene
Concen: 25.452 ug/L
RT: 9.091 min Scan# 1179
Delta R.T. -0.000 min
Lab File: VW021988.D
Acq: 18 Jan 2022 09:29

Instrument :
MSVOA_W
ClientSampleId :
VSTD025544

Tgt Ion: 95 Resp: 59193

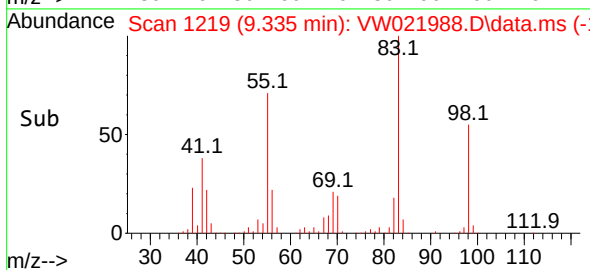
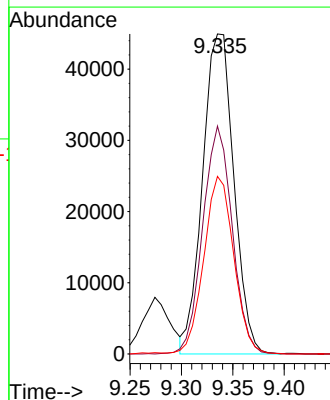
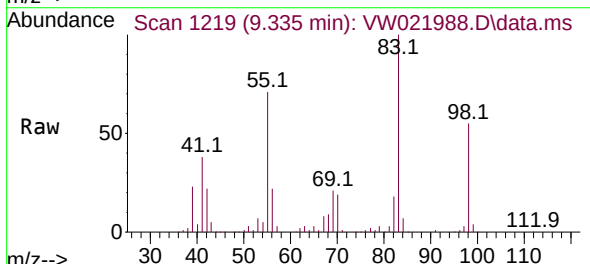
Ion	Ratio	Lower	Upper
95	100		
97	60.7	47.0	87.2
132	90.1	65.5	121.6
130	110.7	69.4	128.8

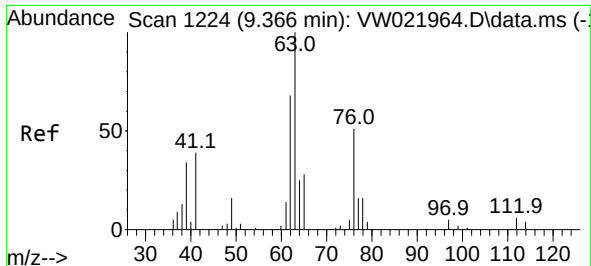


#35
Methylcyclohexane
Concen: 24.853 ug/L
RT: 9.335 min Scan# 1219
Delta R.T. -0.000 min
Lab File: VW021988.D
Acq: 18 Jan 2022 09:29

Tgt Ion: 83 Resp: 95048

Ion	Ratio	Lower	Upper
83	100		
55	67.3	70.8	106.2#
98	53.4	37.7	56.5





#37

1,2-Dichloropropane

Concen: 26.019 ug/L

RT: 9.366 min Scan# 11

Delta R.T. -0.000 min

Lab File: VW021988.D

Acq: 18 Jan 2022 09:29

Instrument :

MSVOA_W

ClientSampleId :

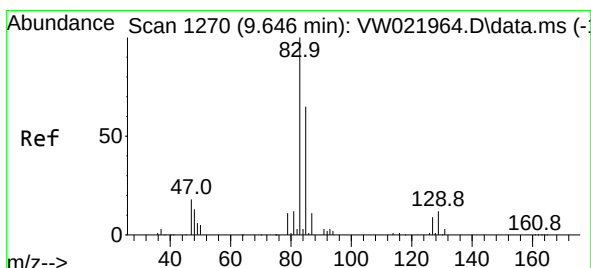
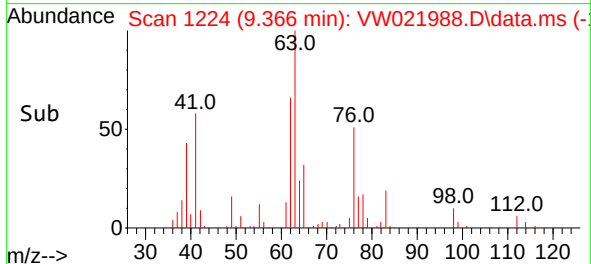
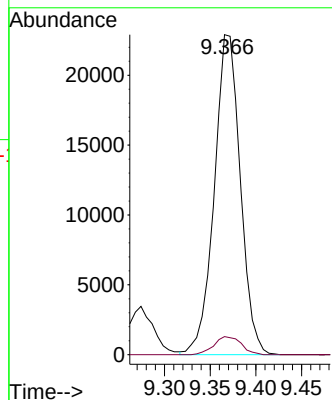
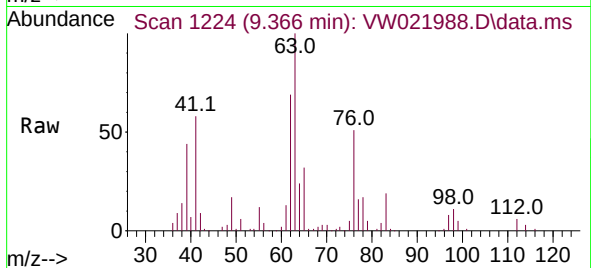
VSTD025544

Tgt Ion: 63 Resp: 45438

Ion Ratio Lower Upper

63 100

112 5.9 3.2 4.8#



#38

Bromodichloromethane

Concen: 26.973 ug/L

RT: 9.646 min Scan# 1270

Delta R.T. -0.000 min

Lab File: VW021988.D

Acq: 18 Jan 2022 09:29

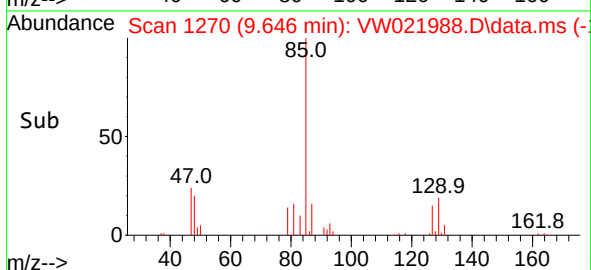
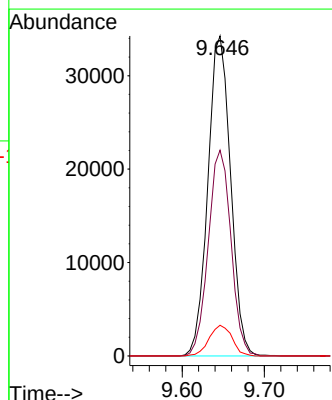
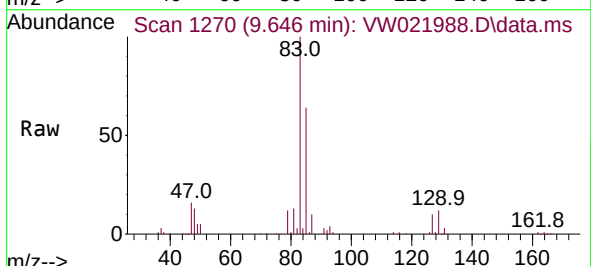
Tgt Ion: 83 Resp: 65754

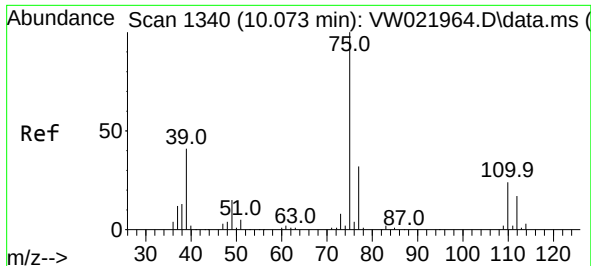
Ion Ratio Lower Upper

83 100

85 64.3 44.1 81.9

127 9.6 6.1 9.1#





#39

cis-1,3-Dichloropropene

Concen: 27.299 ug/L

RT: 10.073 min Scan# 1340

Delta R.T. -0.000 min

Lab File: VW021988.D

Acq: 18 Jan 2022 09:29

Instrument :

MSVOA_W

ClientSampleId :

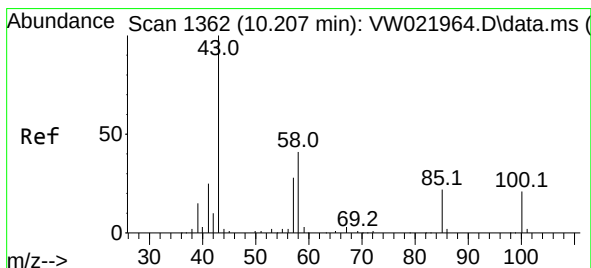
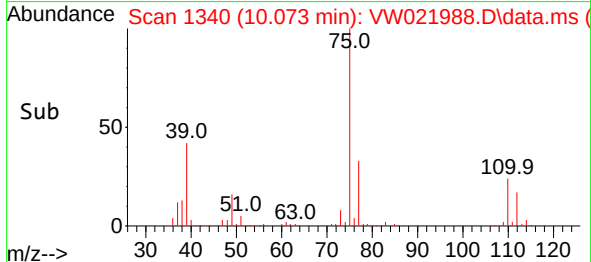
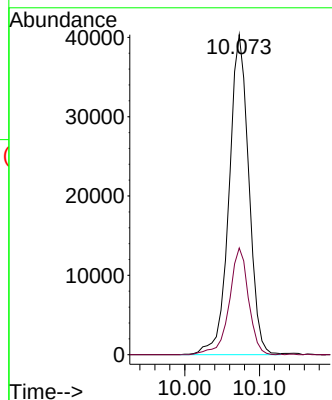
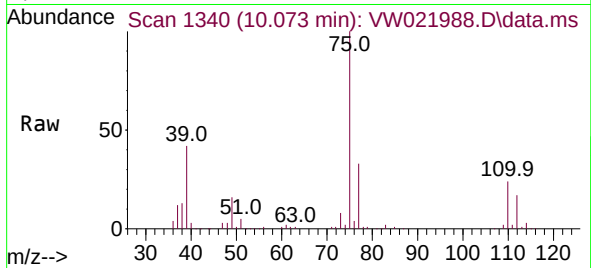
VSTD025544

Tgt Ion: 75 Resp: 74075

Ion Ratio Lower Upper

75 100

77 33.4 21.8 40.6



#40

4-Methyl-2-pentanone

Concen: 57.891 ug/L

RT: 10.207 min Scan# 1362

Delta R.T. -0.000 min

Lab File: VW021988.D

Acq: 18 Jan 2022 09:29

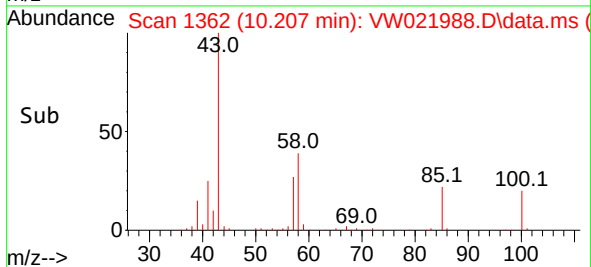
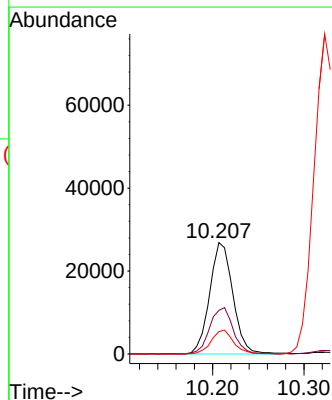
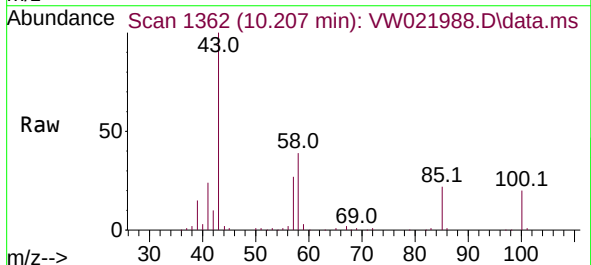
Tgt Ion: 43 Resp: 47490

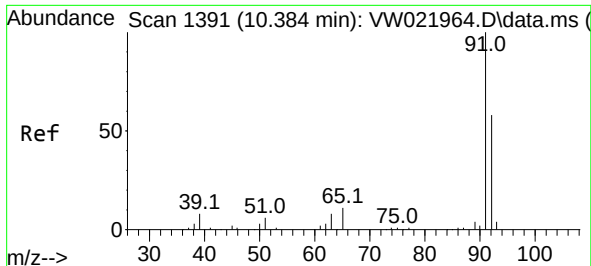
Ion Ratio Lower Upper

43 100

58 41.9 28.8 43.2

100 20.6 10.0 15.0#





#42

Toluene

Concen: 26.296 ug/L

RT: 10.390 min Scan# 1391

Delta R.T. 0.006 min

Lab File: VW021988.D

Acq: 18 Jan 2022 09:29

Instrument :

MSVOA_W

ClientSampleId :

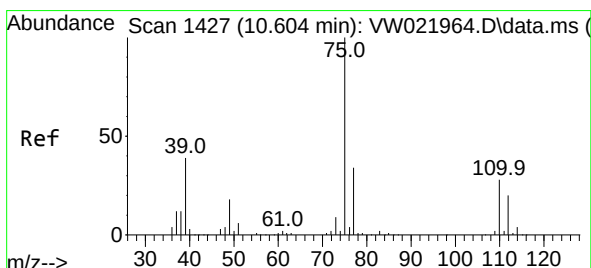
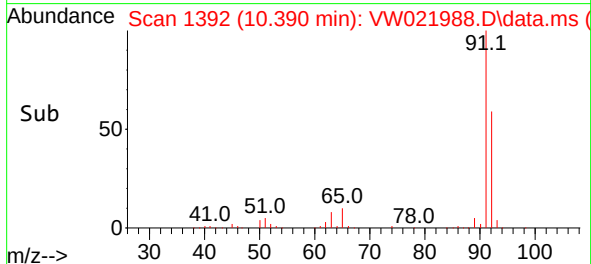
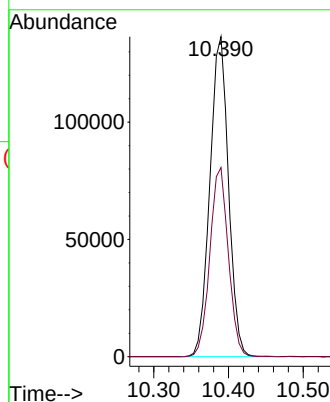
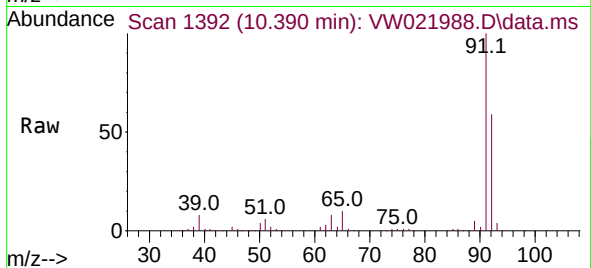
VSTD025544

Tgt Ion: 91 Resp: 236415

Ion Ratio Lower Upper

91 100

92 59.1 41.7 77.5



#44

trans-1,3-Dichloropropene

Concen: 28.403 ug/L

RT: 10.603 min Scan# 1427

Delta R.T. -0.000 min

Lab File: VW021988.D

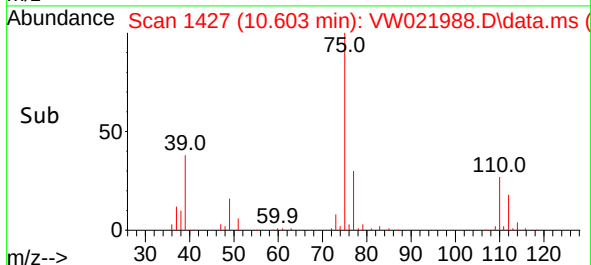
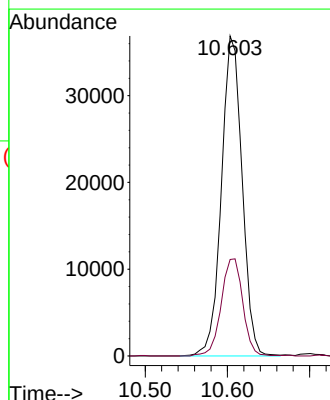
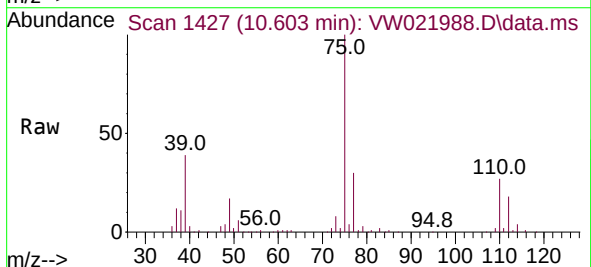
Acq: 18 Jan 2022 09:29

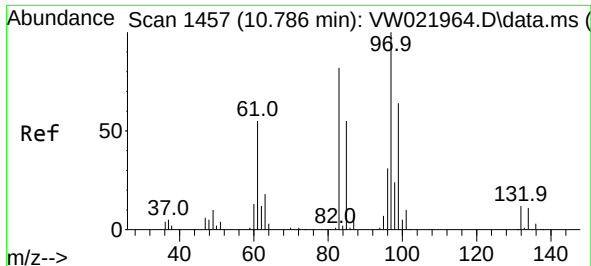
Tgt Ion: 75 Resp: 64508

Ion Ratio Lower Upper

75 100

77 30.1 22.2 41.2

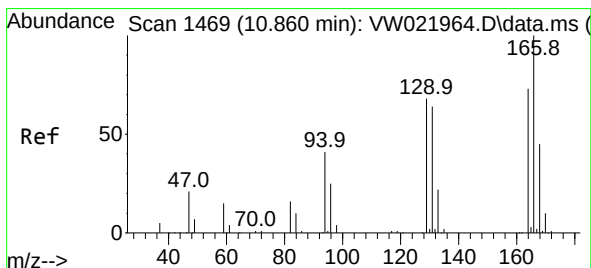
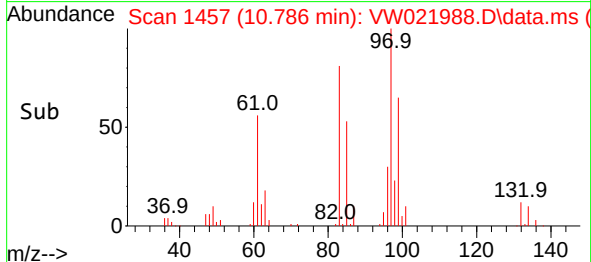
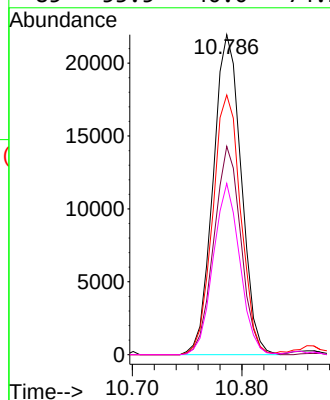
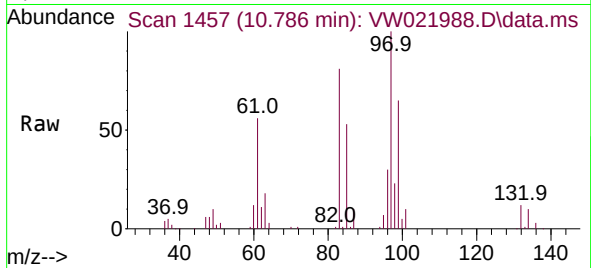




#45
1,1,2-Trichloroethane
Concen: 26.399 ug/L
RT: 10.786 min Scan# 1457
Delta R.T. -0.000 min
Lab File: VW021988.D
Acq: 18 Jan 2022 09:29

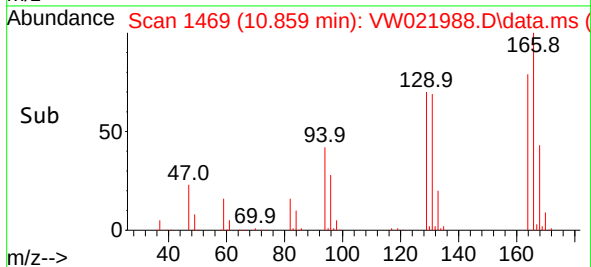
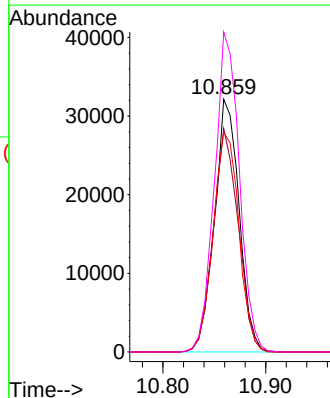
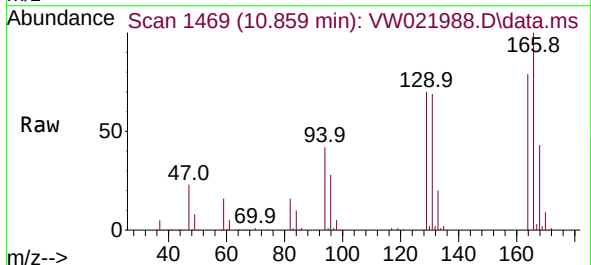
Instrument :
MSVOA_W
ClientSampleId :
VSTD025544

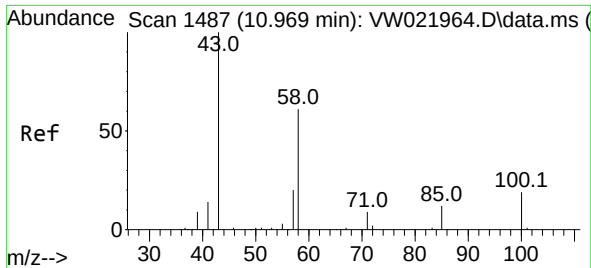
Tgt Ion:	97	Resp:	39141
Ion	Ratio	Lower	Upper
97	100		
99	65.1	43.0	79.8
83	81.2	62.6	116.3
85	53.5	40.0	74.2



#46
Tetrachloroethene
Concen: 23.257 ug/L
RT: 10.859 min Scan# 1469
Delta R.T. -0.000 min
Lab File: VW021988.D
Acq: 18 Jan 2022 09:29

Tgt Ion:	164	Resp:	53485
Ion	Ratio	Lower	Upper
164	100		
129	88.4	65.5	121.7
131	87.0	59.7	110.9
166	126.6	88.7	164.7

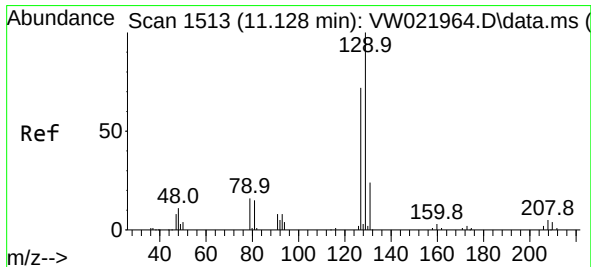
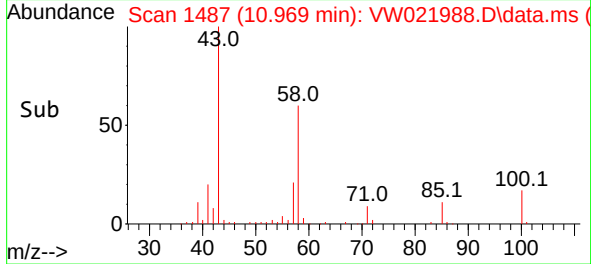
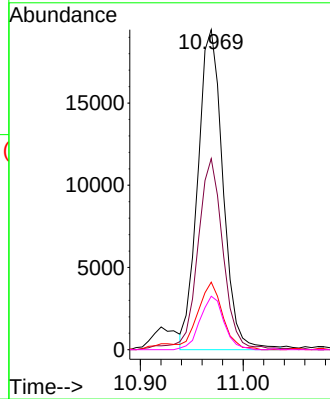
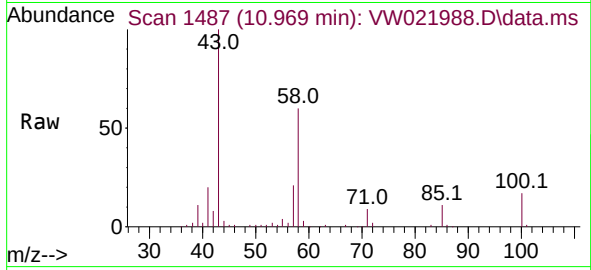




#48
2-Hexanone
Concen: 58.933 ug/L
RT: 10.969 min Scan# 1487
Delta R.T. -0.000 min
Lab File: VW021988.D
Acq: 18 Jan 2022 09:29

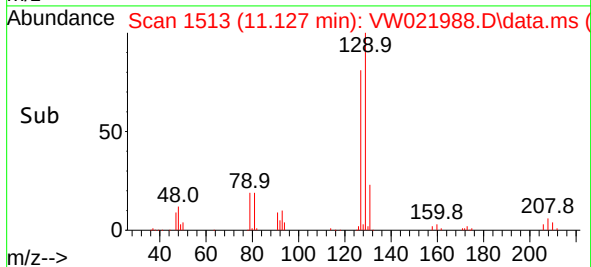
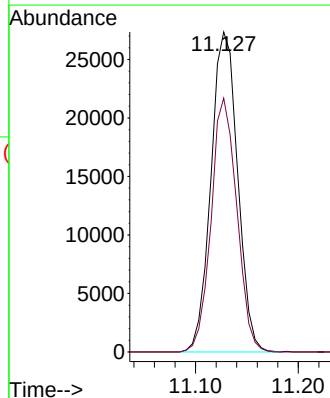
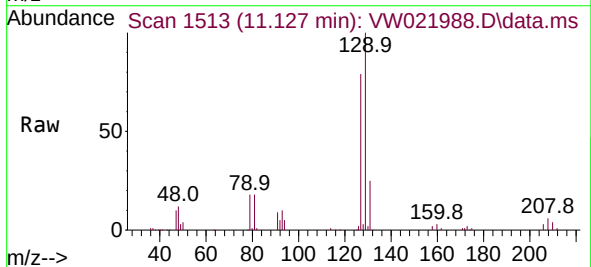
Instrument :
MSVOA_W
ClientSampleId :
VSTD025544

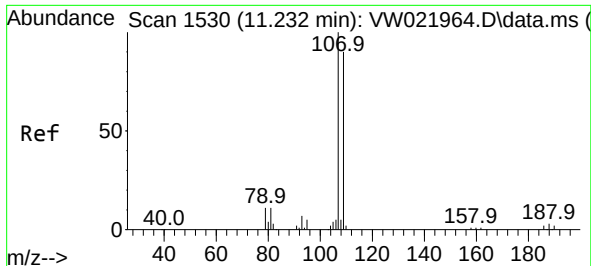
Tgt Ion:	43	Resp:	33078
Ion	Ratio	Lower	Upper
43	100		
58	57.4	40.2	60.2
57	19.6	14.3	21.5
100	15.9	8.0	12.0



#49
Dibromochloromethane
Concen: 26.368 ug/L
RT: 11.127 min Scan# 1513
Delta R.T. -0.000 min
Lab File: VW021988.D
Acq: 18 Jan 2022 09:29

Tgt Ion:	129	Resp:	49260
Ion	Ratio	Lower	Upper
129	100		
127	79.3	55.7	103.5

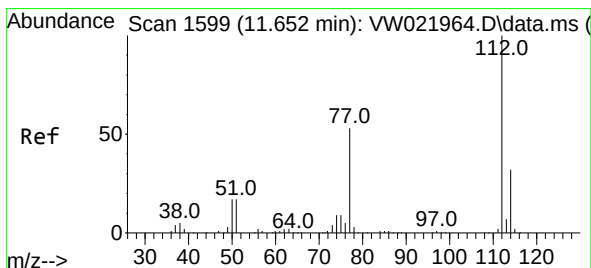
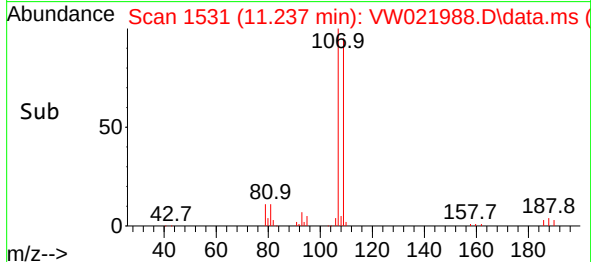
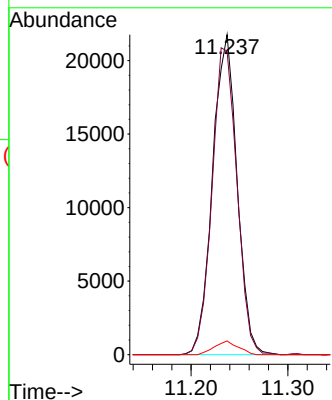
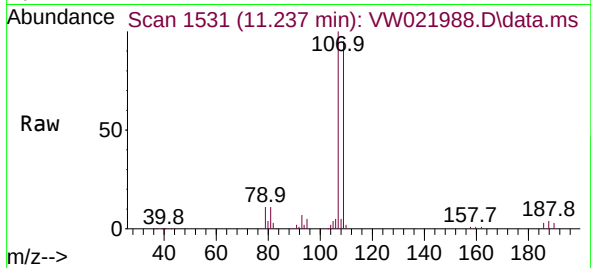




#50
1,2-Dibromoethane
Concen: 26.070 ug/L
RT: 11.237 min Scan# 11
Delta R.T. 0.006 min
Lab File: VW021988.D
Acq: 18 Jan 2022 09:29

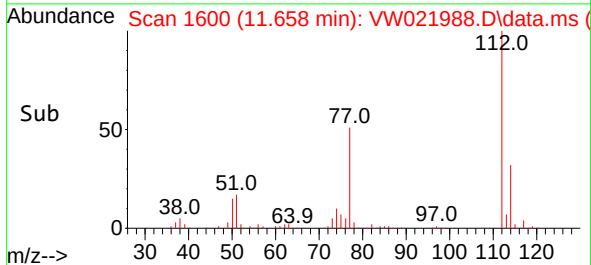
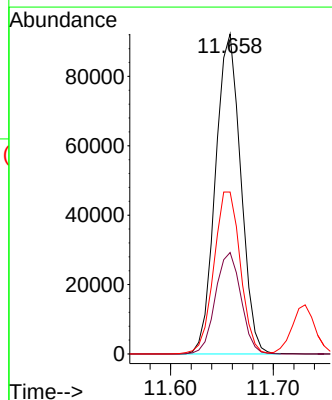
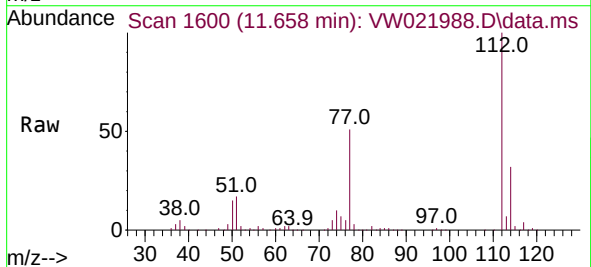
Instrument :
MSVOA_W
ClientSampleId :
VSTD025544

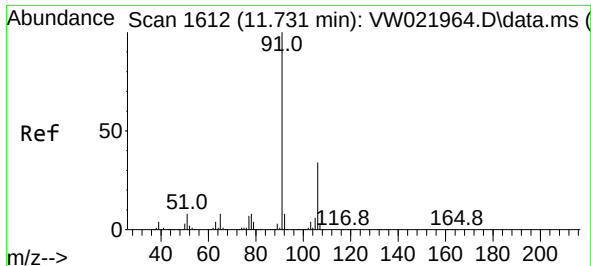
Tgt Ion:107 Resp: 38369
Ion Ratio Lower Upper
107 100
109 94.9 64.1 119.1
188 4.3 2.6 3.8#



#51
Chlorobenzene
Concen: 24.841 ug/L
RT: 11.658 min Scan# 1600
Delta R.T. 0.006 min
Lab File: VW021988.D
Acq: 18 Jan 2022 09:29

Tgt Ion:112 Resp: 157687
Ion Ratio Lower Upper
112 100
114 31.7 22.4 41.6
77 50.6 50.2 75.4

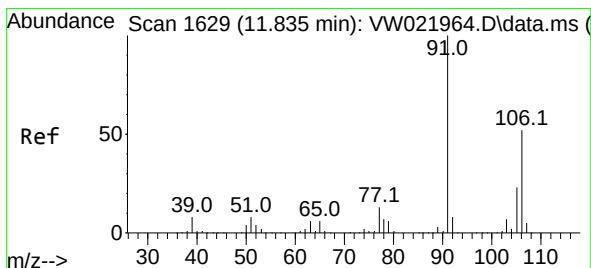
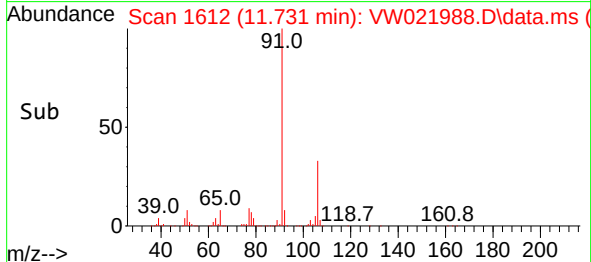
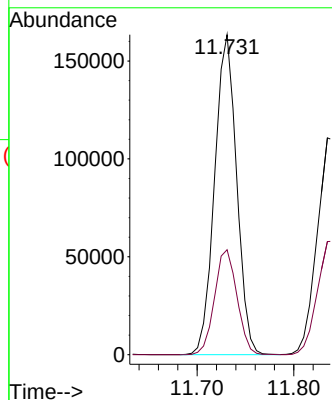
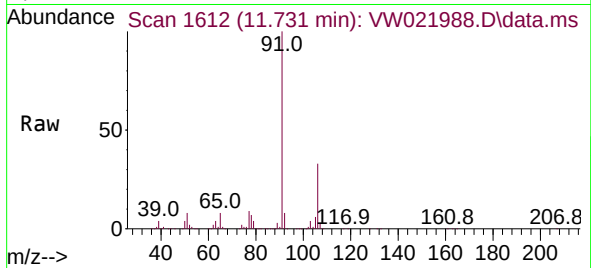




#52
Ethylbenzene
Concen: 25.843 ug/L
RT: 11.731 min Scan# 1630
Delta R.T. -0.000 min
Lab File: VW021988.D
Acq: 18 Jan 2022 09:29

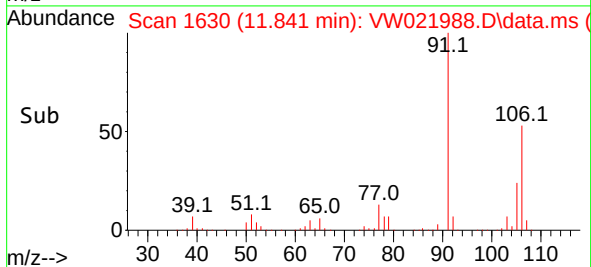
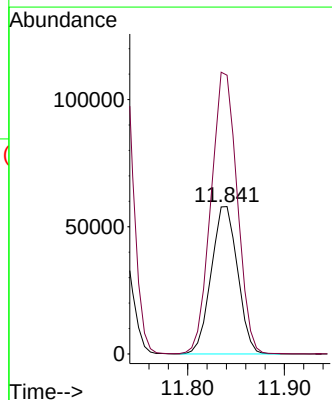
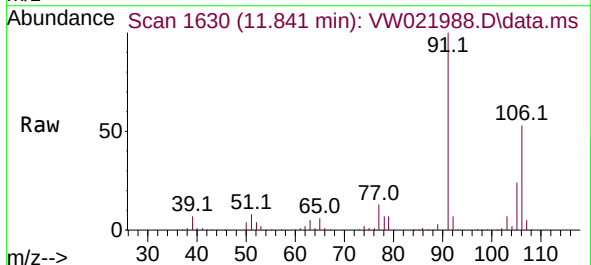
Instrument :
MSVOA_W
ClientSampleId :
VSTD025544

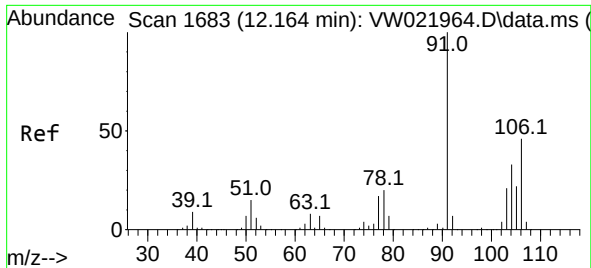
Tgt Ion: 91 Resp: 258106
Ion Ratio Lower Upper
91 100
106 32.8 21.5 39.9



#53
m,p-Xylene
Concen: 26.287 ug/L
RT: 11.841 min Scan# 1630
Delta R.T. 0.006 min
Lab File: VW021988.D
Acq: 18 Jan 2022 09:29

Tgt Ion: 106 Resp: 109783
Ion Ratio Lower Upper
106 100
91 189.1 149.9 278.3

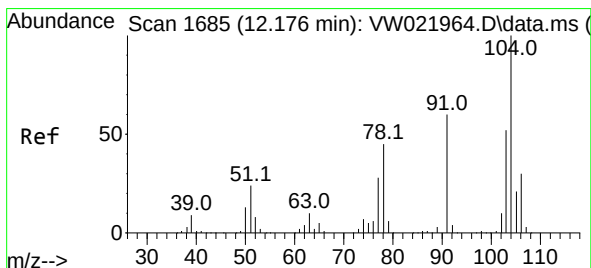
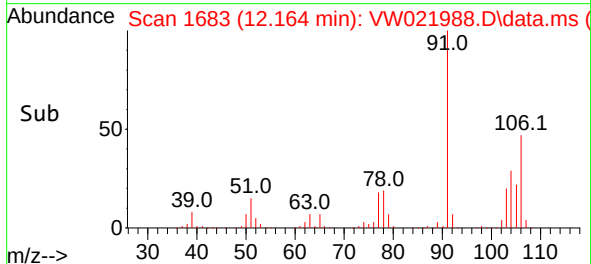
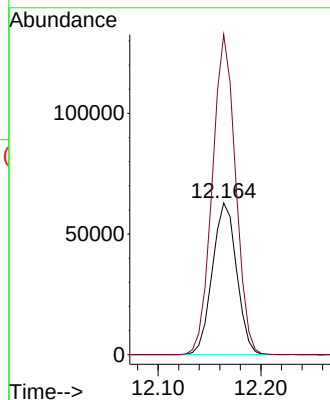
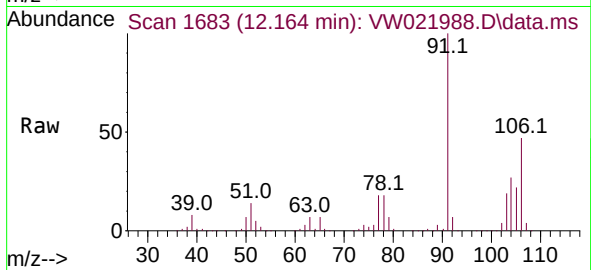




#54
o-Xylene
Concen: 26.548 ug/L
RT: 12.164 min Scan# 1683
Delta R.T. -0.000 min
Lab File: VW021988.D
Acq: 18 Jan 2022 09:29

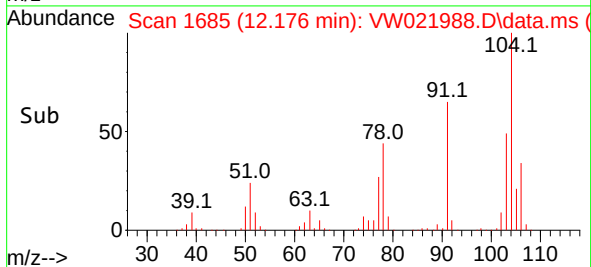
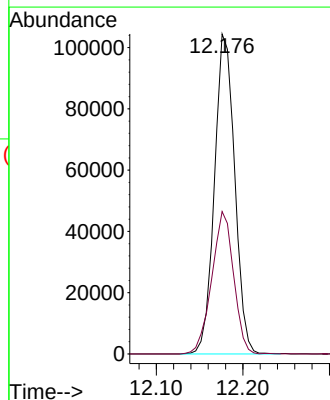
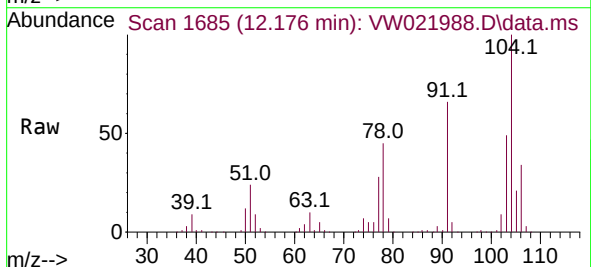
Instrument :
MSVOA_W
ClientSampleId :
VSTD025544

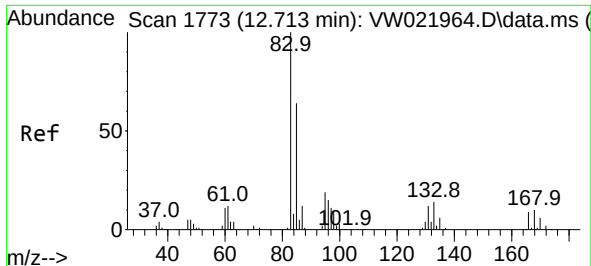
Tgt Ion:106 Resp: 102930
Ion Ratio Lower Upper
106 100
91 210.9 153.6 285.3



#55
Styrene
Concen: 26.513 ug/L
RT: 12.176 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VW021988.D
Acq: 18 Jan 2022 09:29

Tgt Ion:104 Resp: 169708
Ion Ratio Lower Upper
104 100
78 44.5 34.4 64.0





#57

1,1,2-Tetrachloroethane

Concen: 26.490 ug/L

RT: 12.713 min Scan# 1

Delta R.T. -0.000 min

Lab File: VW021988.D

Acq: 18 Jan 2022 09:29

Instrument :

MSVOA_W

ClientSampleId :

VSTD025544

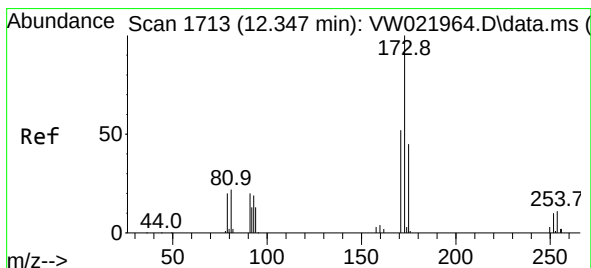
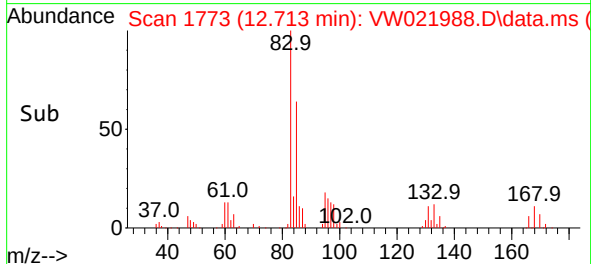
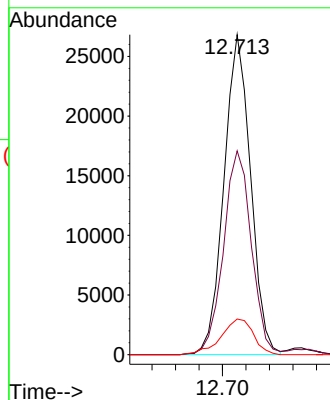
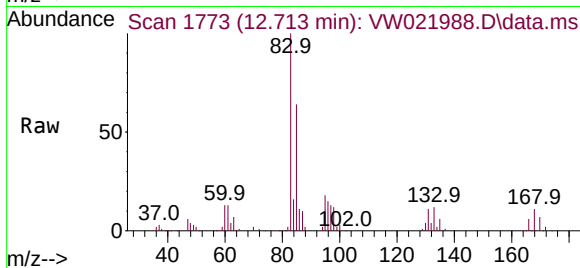
Tgt Ion: 83 Resp: 42259

Ion Ratio Lower Upper

83 100

85 63.7 44.0 81.6

131 11.2 6.9 10.3#



#59

Bromoform

Concen: 26.296 ug/L

RT: 12.347 min Scan# 1713

Delta R.T. -0.000 min

Lab File: VW021988.D

Acq: 18 Jan 2022 09:29

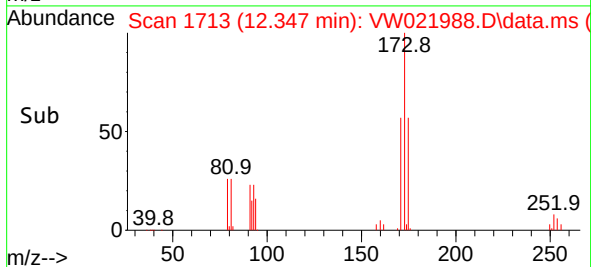
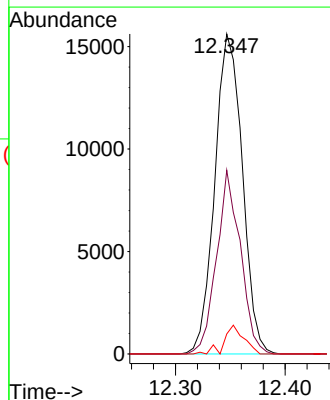
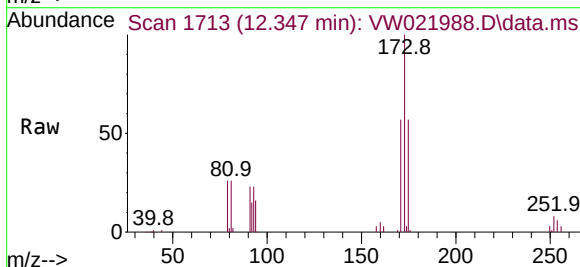
Tgt Ion:173 Resp: 27297

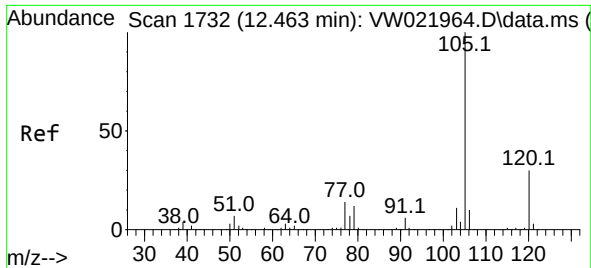
Ion Ratio Lower Upper

173 100

175 49.7 39.6 59.4

254 5.7 7.4 11.0#

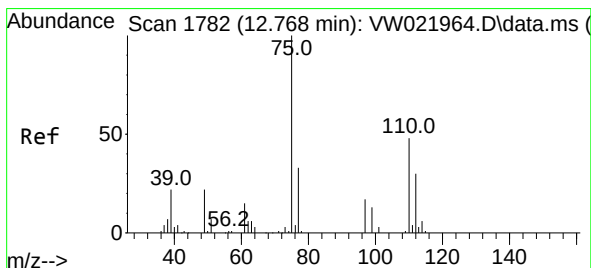
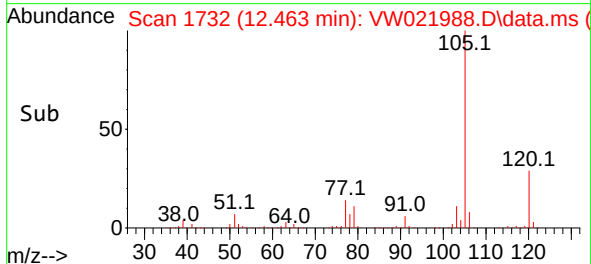
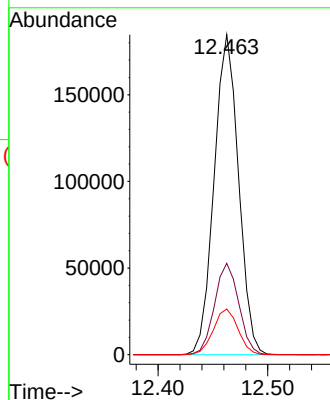
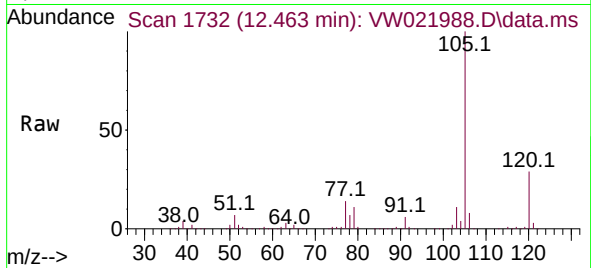




#60
Isopropylbenzene
Concen: 27.569 ug/L
RT: 12.463 min Scan# 1732
Delta R.T. -0.000 min
Lab File: VW021988.D
Acq: 18 Jan 2022 09:29

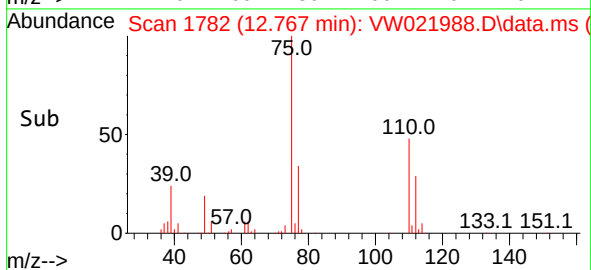
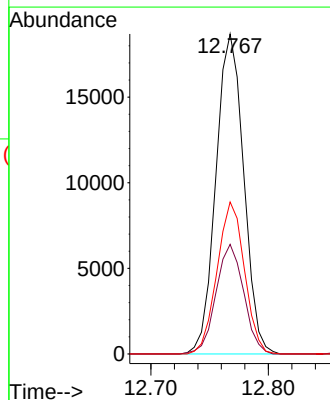
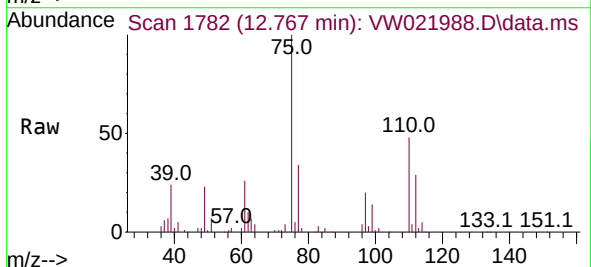
Instrument :
MSVOA_W
ClientSampleId :
VSTD025544

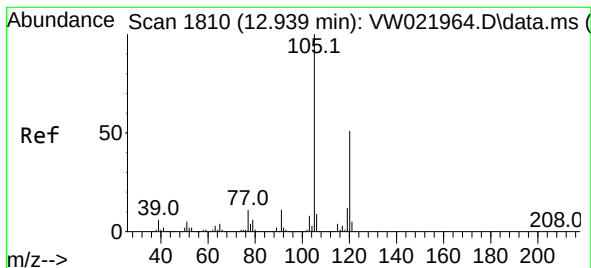
Tgt Ion:105 Resp: 285845
Ion Ratio Lower Upper
105 100
120 28.3 20.1 30.1
77 14.5 13.8 20.8



#61
1,2,3-Trichloropropane
Concen: 28.222 ug/L
RT: 12.767 min Scan# 1782
Delta R.T. -0.000 min
Lab File: VW021988.D
Acq: 18 Jan 2022 09:29

Tgt Ion: 75 Resp: 30708
Ion Ratio Lower Upper
75 100
77 34.1 25.8 38.8
110 46.9 29.0 43.4#

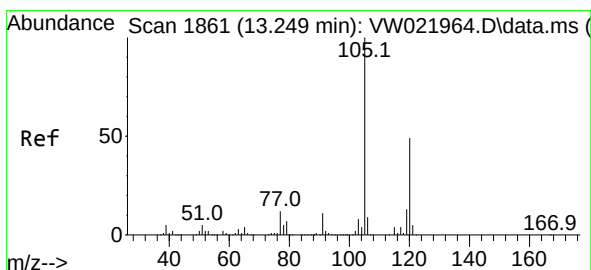
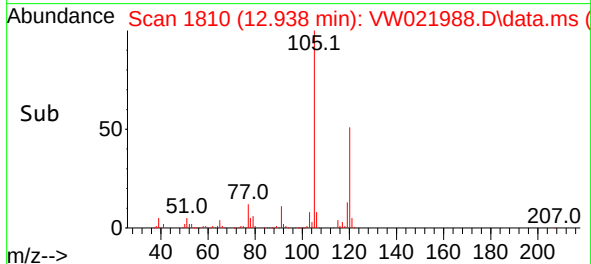
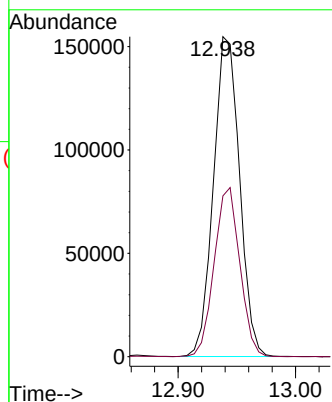
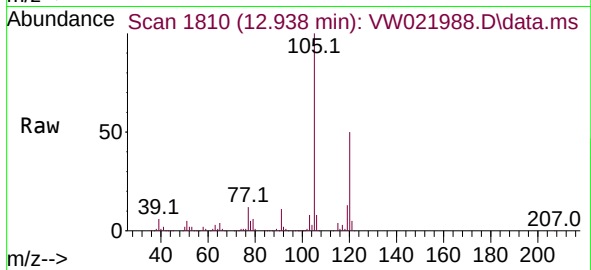




#62
1,3,5-Trimethylbenzene
Concen: 27.847 ug/L
RT: 12.938 min Scan# 1810
Delta R.T. -0.000 min
Lab File: VW021988.D
Acq: 18 Jan 2022 09:29

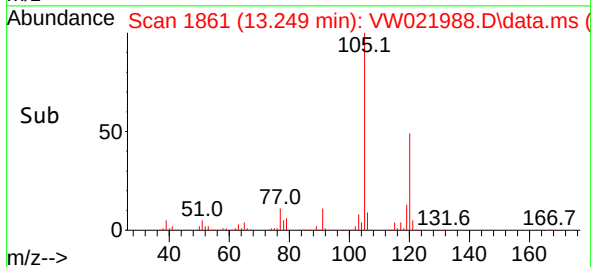
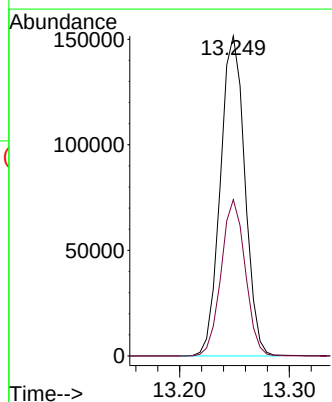
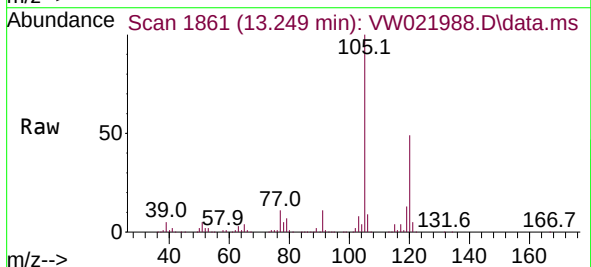
Instrument :
MSVOA_W
ClientSampleId :
VSTD025544

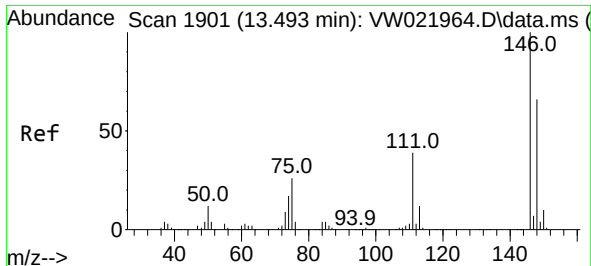
Tgt Ion:105 Resp: 239086
Ion Ratio Lower Upper
105 100
120 52.0 37.4 56.2



#63
1,2,4-Trimethylbenzene
Concen: 27.791 ug/L
RT: 13.249 min Scan# 1861
Delta R.T. -0.000 min
Lab File: VW021988.D
Acq: 18 Jan 2022 09:29

Tgt Ion:105 Resp: 235321
Ion Ratio Lower Upper
105 100
120 48.0 35.0 52.6

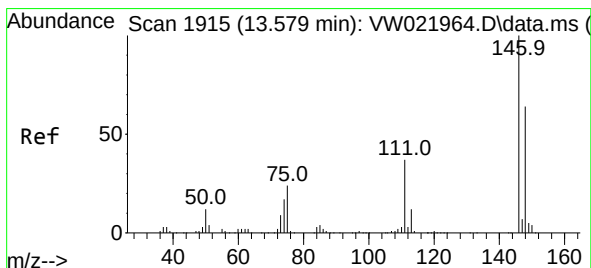
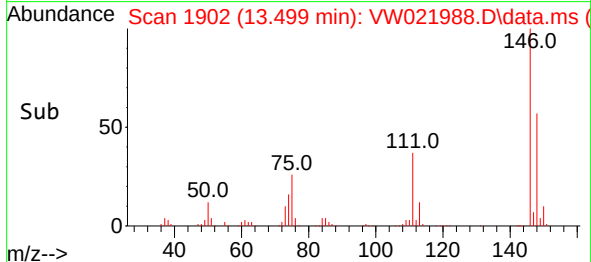
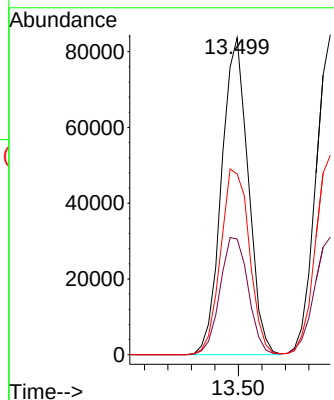
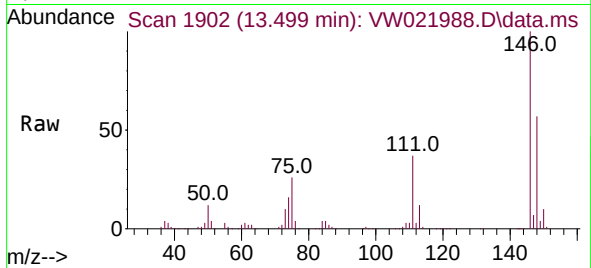




#64
1,3-Dichlorobenzene
Concen: 25.307 ug/L
RT: 13.499 min Scan# 1901
Delta R.T. 0.006 min
Lab File: VW021988.D
Acq: 18 Jan 2022 09:29

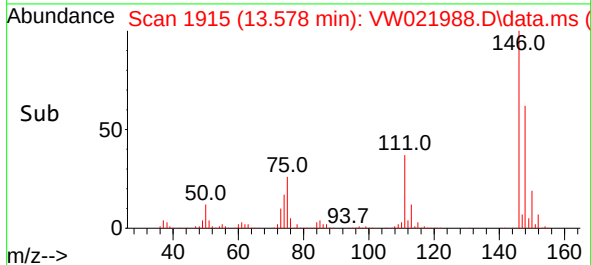
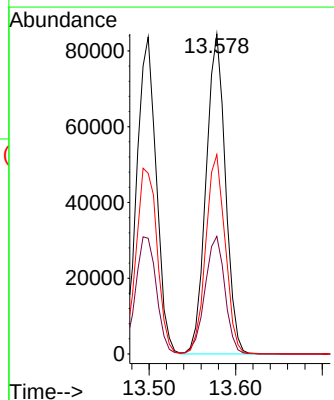
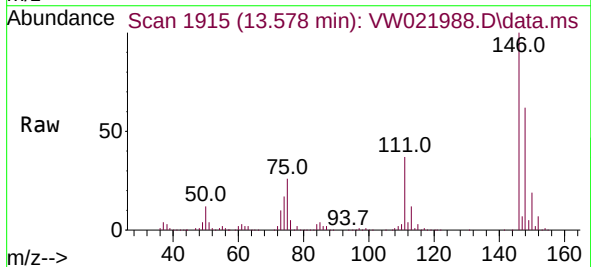
Instrument :
MSVOA_W
ClientSampleId :
VSTD025544

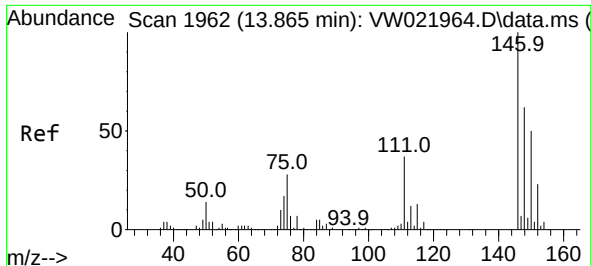
Tgt Ion:146 Resp: 131922
Ion Ratio Lower Upper
146 100
111 36.5 29.8 55.3
148 57.0 46.2 85.8



#65
1,4-Dichlorobenzene
Concen: 25.455 ug/L
RT: 13.578 min Scan# 1915
Delta R.T. -0.000 min
Lab File: VW021988.D
Acq: 18 Jan 2022 09:29

Tgt Ion:146 Resp: 131014
Ion Ratio Lower Upper
146 100
111 36.7 29.0 53.9
148 62.3 46.9 87.1





#67

1,2-Dichlorobenzene

Concen: 26.406 ug/L

RT: 13.871 min Scan# 1963

Delta R.T. 0.006 min

Lab File: VW021988.D

Acq: 18 Jan 2022 09:29

Instrument :

MSVOA_W

ClientSampleId :

VSTD025544

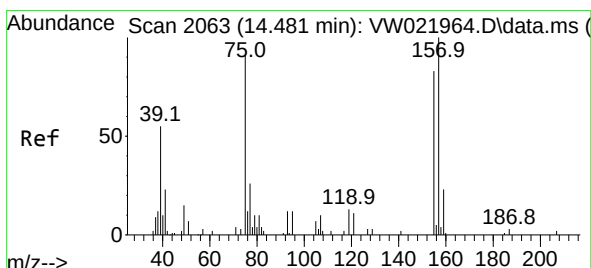
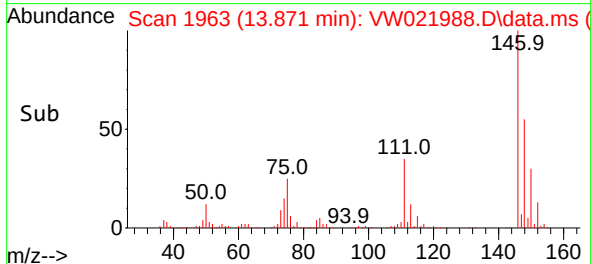
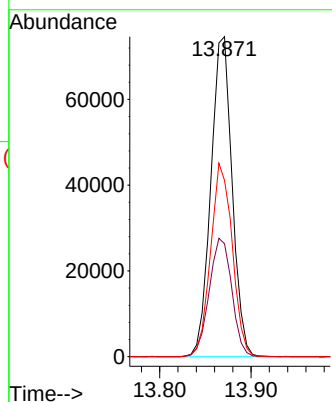
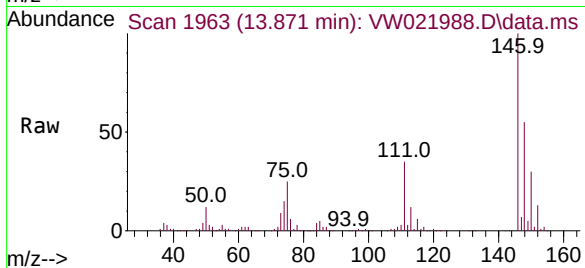
Tgt Ion:146 Resp: 120519

Ion Ratio Lower Upper

146 100

111 35.3 33.1 49.7

148 55.1 47.4 71.2



#68

1,2-Dibromo-3-chloropropane

Concen: 27.303 ug/L

RT: 14.480 min Scan# 2063

Delta R.T. -0.000 min

Lab File: VW021988.D

Acq: 18 Jan 2022 09:29

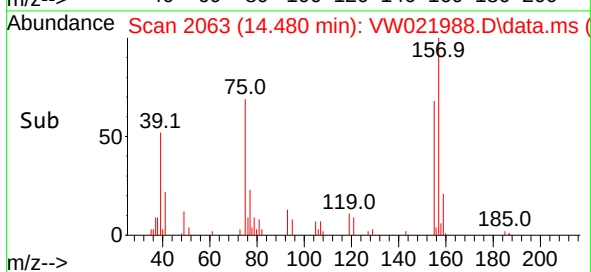
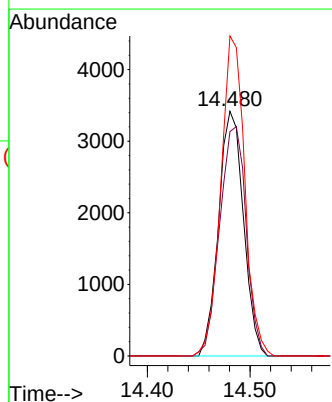
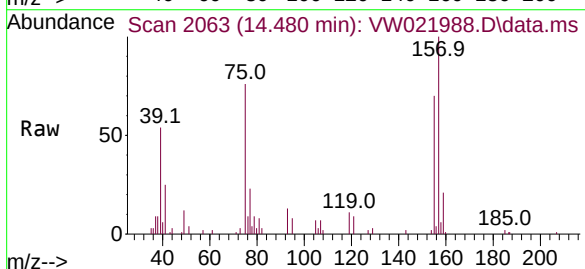
Tgt Ion: 75 Resp: 5737

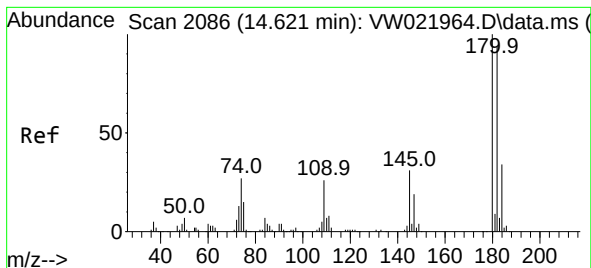
Ion Ratio Lower Upper

75 100

155 91.7 54.2 81.2#

157 130.8 69.4 104.2#





#69

1,3,5-Trichlorobenzene

Concen: 25.330 ug/L

RT: 14.627 min Scan# 2086

Delta R.T. 0.006 min

Lab File: VW021988.D

Acq: 18 Jan 2022 09:29

Instrument :

MSVOA_W

ClientSampleId :

VSTD025544

Tgt Ion:180 Resp: 98140

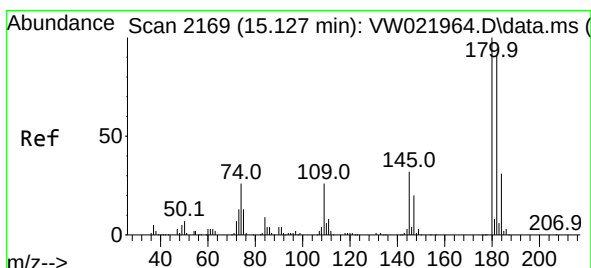
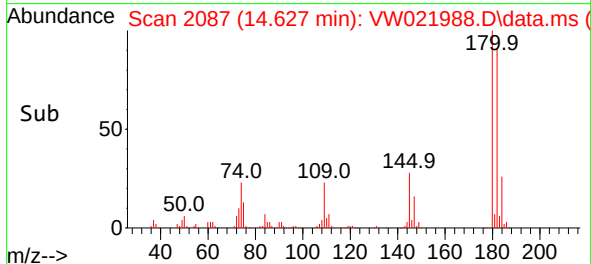
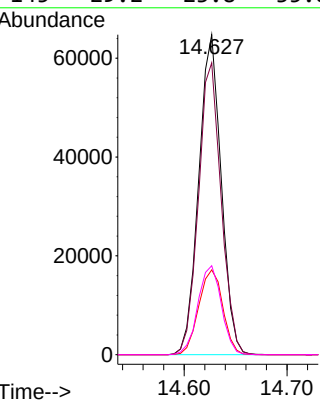
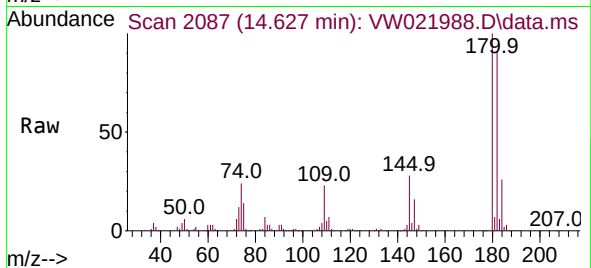
Ion Ratio Lower Upper

180 100

182 92.2 75.4 113.0

184 28.5 23.8 35.8

145 29.2 23.8 35.8



#70

1,2,4-trichlorobenzene

Concen: 23.809 ug/L

RT: 15.133 min Scan# 2170

Delta R.T. 0.006 min

Lab File: VW021988.D

Acq: 18 Jan 2022 09:29

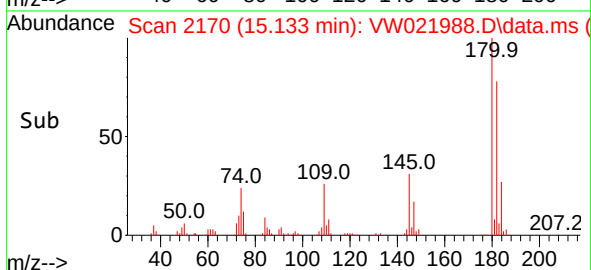
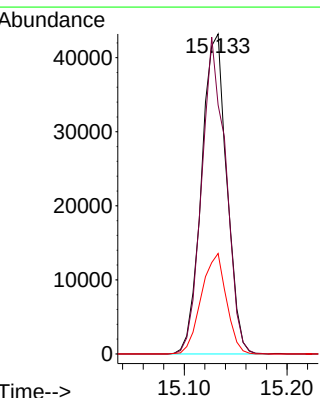
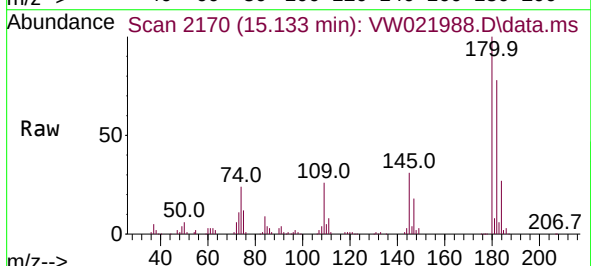
Tgt Ion:180 Resp: 73502

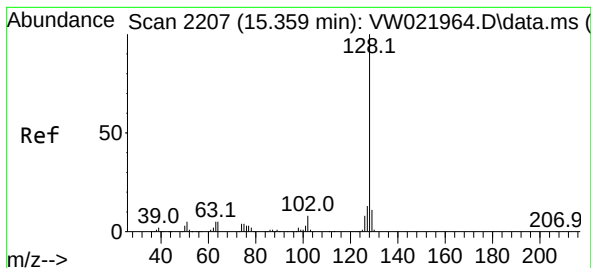
Ion Ratio Lower Upper

180 100

182 94.2 79.0 118.6

145 31.2 26.0 39.0





#71

Naphthalene

Concen: 25.812 ug/L

RT: 15.358 min Scan# 21

Delta R.T. -0.000 min

Lab File: VW021988.D

Acq: 18 Jan 2022 09:29

Instrument :

MSVOA_W

ClientSampleId :

VSTD025544

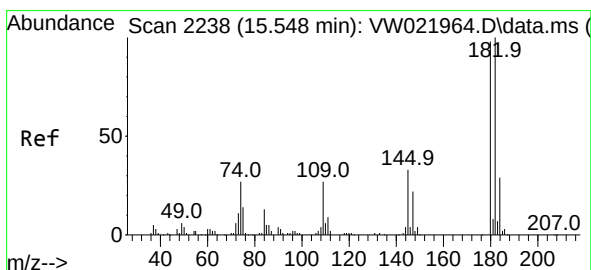
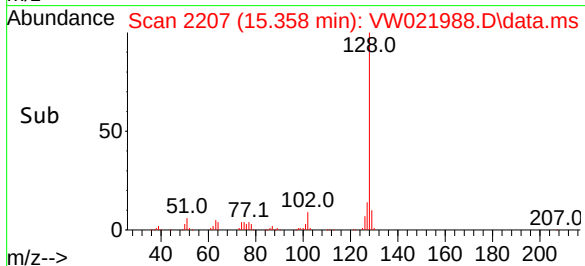
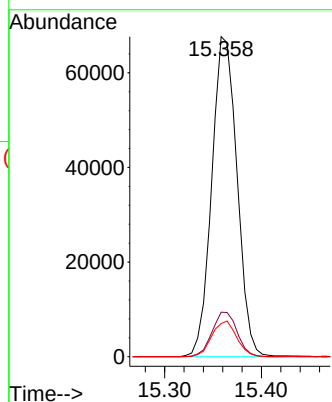
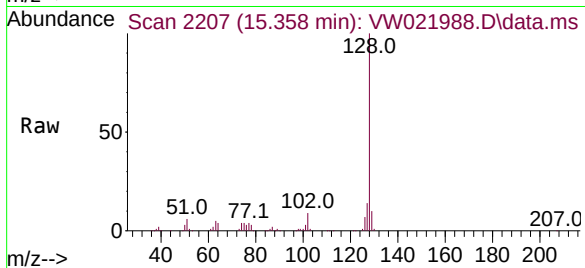
Tgt Ion:128 Resp: 122922

Ion Ratio Lower Upper

128 100

127 13.8 10.7 16.1

129 10.9 8.6 12.8



#72

1,2,3-Trichlorobenzene

Concen: 23.159 ug/L

RT: 15.553 min Scan# 2239

Delta R.T. 0.006 min

Lab File: VW021988.D

Acq: 18 Jan 2022 09:29

Tgt Ion:180 Resp: 59041

Ion Ratio Lower Upper

180 100

182 98.7 76.6 114.8

145 34.3 27.4 41.0

