

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW011722\
 Data File : VW021986.D
 Acq On : 17 Jan 2022 19:47
 Operator : SY/VA
 Sample : VSTDCCC025
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025543

Quant Time: Jan 18 00:41:44 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	8.842	114	145704	25.000	ug/L	# 0.00
28) Chlorobenzene-d5	11.628	117	143322	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	82289	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.349	65	44501	16.432	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	65.720%
7) Chloroethane-d5	2.879	69	34483	14.101	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	56.400%
11) 1,1-Dichloroethene-d2	4.019	63	78105	18.268	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	73.080%
21) 2-Butanone-d5	7.080	46	19978	52.265	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	104.540%
24) Chloroform-d	7.647	84	96632	20.529	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	82.120%
26) 1,2-Dichloroethane-d4	8.305	65	48407	21.296	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	85.200%
32) Benzene-d6	8.275	84	189452	20.372	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	81.480%
36) 1,2-Dichloropropane-d6	9.274	67	51029	20.818	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	83.280%
41) Toluene-d8	10.323	98	185913	19.831	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	79.320%
43) trans-1,3-Dichloroprop...	10.579	79	21474	20.634	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	82.520%
47) 2-Hexanone-d5	10.920	63	17882	53.763	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	107.520%
56) 1,1,2,2-Tetrachloroeth...	12.688	84	44417	23.173	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	92.680%
66) 1,2-Dichlorobenzene-d4	13.853	152	71801	21.220	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	84.880%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.001	85	14208	24.735	ug/L	97
3) Chloromethane	2.215	50	42230	20.278	ug/L	100
5) Vinyl chloride	2.361	62	58274	19.478	ug/L	99
6) Bromomethane	2.776	94	37861	17.898	ug/L	95
8) Chloroethane	2.916	64	30612	16.931	ug/L	98
9) Trichlorofluoromethane	3.257	101	36838	16.569	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.062	101	49981	20.653	ug/L	# 46
12) 1,1-Dichloroethene	4.038	96	47176	21.692	ug/L	73
13) Acetone	4.129	43	13065	41.371	ug/L	87
14) Carbon disulfide	4.385	76	112944	19.836	ug/L	99
15) Methyl Acetate	4.678	43	16409	25.708	ug/L	# 83
16) Methylene chloride	4.915	84	48299	19.369	ug/L	79
17) trans-1,2-Dichloroethene	5.428	96	52108	22.173	ug/L	79
18) Methyl tert-butyl Ether	5.428	73	73813	24.630	ug/L	# 81
19) 1,1-Dichloroethane	6.214	63	82539	23.949	ug/L	97
20) cis-1,2-Dichloroethene	7.171	96	57523	23.794	ug/L	70
22) 2-Butanone	7.171	43	21183	52.477	ug/L	78
23) Bromochloromethane	7.513	128	28095	23.356	ug/L	# 59
25) Chloroform	7.677	83	95841	23.503	ug/L	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW011722\
 Data File : VW021986.D
 Acq On : 17 Jan 2022 19:47
 Operator : SY/VA
 Sample : VSTDCCC025
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025543

Quant Time: Jan 18 00:41:44 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

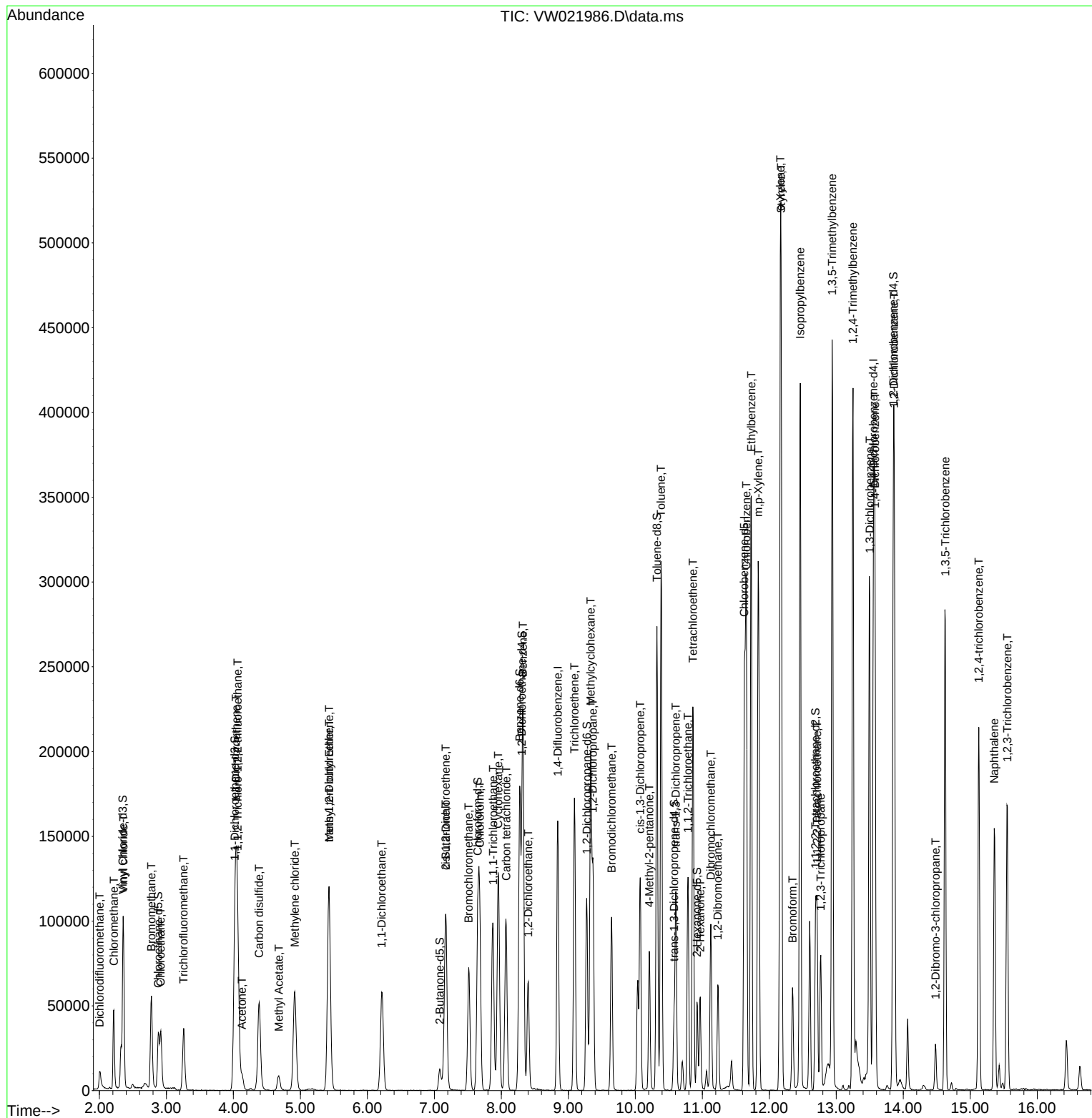
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.403	62	58088	24.599	ug/L #	92
29) Cyclohexane	7.952	56	69927	21.809	ug/L #	77
30) 1,1,1-Trichloroethane	7.878	97	82234	22.136	ug/L #	92
31) Carbon tetrachloride	8.073	117	77373	21.493	ug/L	96
33) Benzene	8.323	78	202763	23.072	ug/L	100
34) Trichloroethene	9.092	95	57076	22.386	ug/L	84
35) Methylcyclohexane	9.335	83	90112	21.492	ug/L #	81
37) 1,2-Dichloropropane	9.366	63	45876	23.962	ug/L #	95
38) Bromodichloromethane	9.646	83	65442	24.486	ug/L #	95
39) cis-1,3-Dichloropropene	10.073	75	74451	25.026	ug/L	98
40) 4-Methyl-2-pentanone	10.207	43	49252	54.763	ug/L #	86
42) Toluene	10.384	91	234951	23.837	ug/L	98
44) trans-1,3-Dichloropropene	10.603	75	62659	25.165	ug/L	100
45) 1,1,2-Trichloroethane	10.786	97	40263	24.770	ug/L	93
46) Tetrachloroethene	10.860	164	52238	20.719	ug/L	96
48) 2-Hexanone	10.969	43	33199	53.951	ug/L #	89
49) Dibromochloromethane	11.128	129	52487	25.626	ug/L	93
50) 1,2-Dibromoethane	11.231	107	41164	25.512	ug/L	100
51) Chlorobenzene	11.658	112	165527	23.785	ug/L #	86
52) Ethylbenzene	11.731	91	259840	23.731	ug/L	94
53) m,p-Xylene	11.835	106	109820	23.985	ug/L	90
54) o-Xylene	12.164	106	103867	24.436	ug/L	87
55) Styrene	12.176	104	171198	24.396	ug/L	94
57) 1,1,2,2-Tetrachloroethane	12.713	83	44011	25.164	ug/L #	96
59) Bromoform	12.347	173	28429	25.339	ug/L	98
60) Isopropylbenzene	12.463	105	278629	24.865	ug/L	93
61) 1,2,3-Trichloropropane	12.768	75	31893	27.120	ug/L #	91
62) 1,3,5-Trimethylbenzene	12.938	105	234954	25.320	ug/L	91
63) 1,2,4-Trimethylbenzene	13.249	105	231351	25.279	ug/L	93
64) 1,3-Dichlorobenzene	13.499	146	131652	23.368	ug/L	95
65) 1,4-Dichlorobenzene	13.579	146	130240	23.413	ug/L	92
67) 1,2-Dichlorobenzene	13.865	146	118837	24.091	ug/L	98
68) 1,2-Dibromo-3-chloropr...	14.481	75	5934	26.130	ug/L #	54
69) 1,3,5-Trichlorobenzene	14.627	180	92181	22.014	ug/L	99
70) 1,2,4-trichlorobenzene	15.127	180	71683	21.484	ug/L	94
71) Naphthalene	15.359	128	139902	27.182	ug/L	99
72) 1,2,3-Trichlorobenzene	15.554	180	58508	21.234	ug/L	97

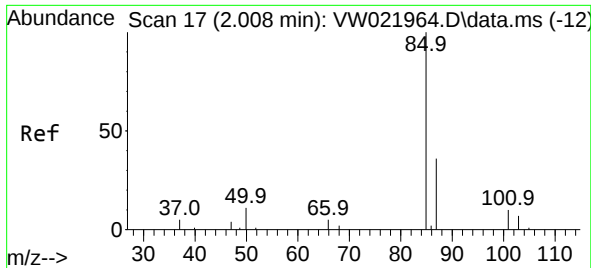
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW011722\
 Data File : VW021986.D
 Acq On : 17 Jan 2022 19:47
 Operator : SY/VA
 Sample : VSTDCCC025
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025543

Quant Time: Jan 18 00:41:44 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

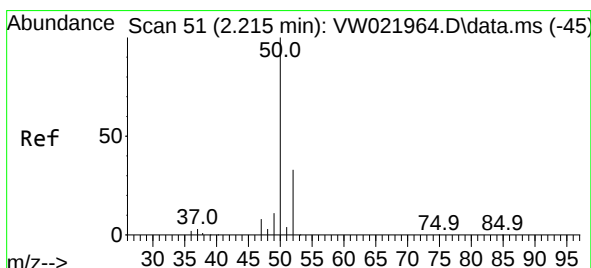
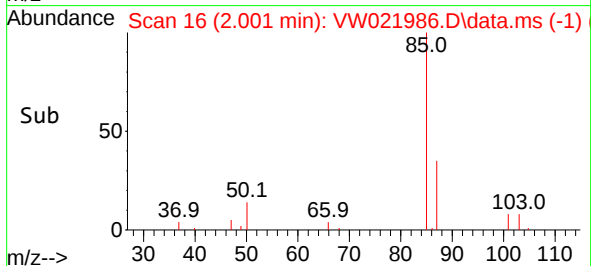
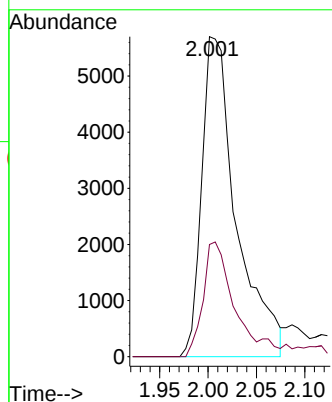
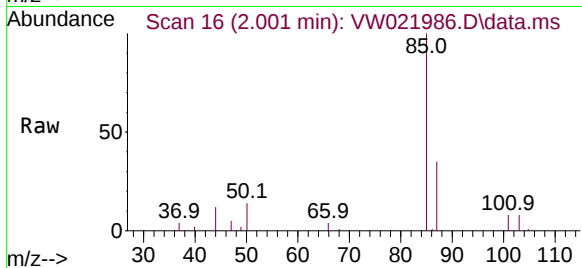




#2
Dichlorodifluoromethane
Concen: 24.735 ug/L
RT: 2.001 min Scan# 1
Delta R.T. -0.006 min
Lab File: VW021986.D
Acq: 17 Jan 2022 19:47

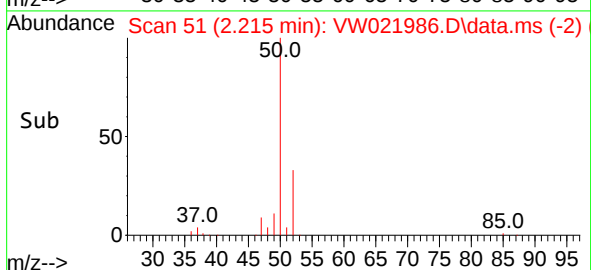
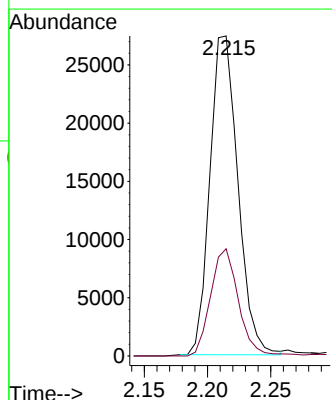
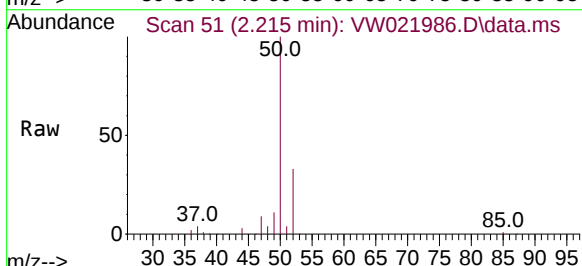
Instrument :
MSVOA_W
ClientSampleId :
VSTD025543

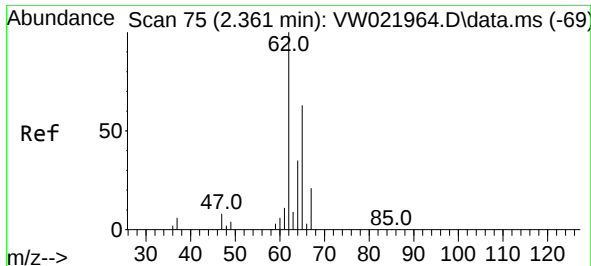
Tgt Ion: 85 Resp: 14208
Ion Ratio Lower Upper
85 100
87 30.3 25.8 38.6



#3
Chloromethane
Concen: 20.278 ug/L
RT: 2.215 min Scan# 51
Delta R.T. -0.000 min
Lab File: VW021986.D
Acq: 17 Jan 2022 19:47

Tgt Ion: 50 Resp: 42230
Ion Ratio Lower Upper
50 100
52 33.5 23.4 43.6

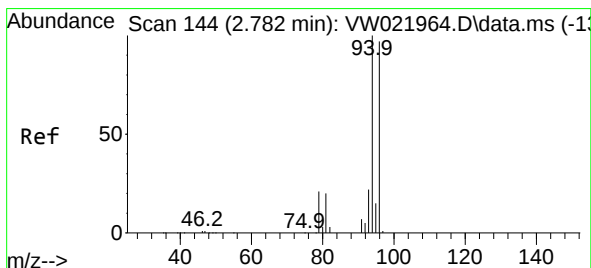
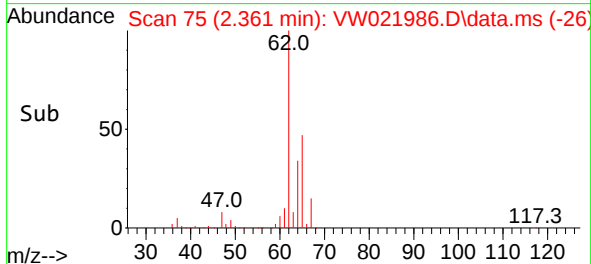
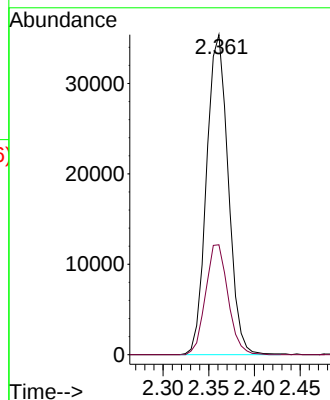
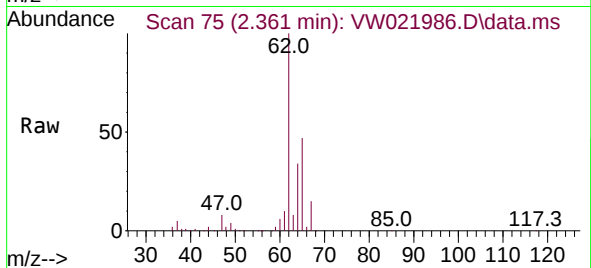




#5
 Vinyl chloride
 Concen: 19.478 ug/L
 RT: 2.361 min Scan# 71
 Delta R.T. -0.000 min
 Lab File: VW021986.D
 Acq: 17 Jan 2022 19:47

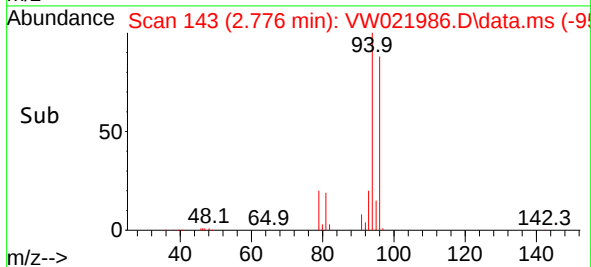
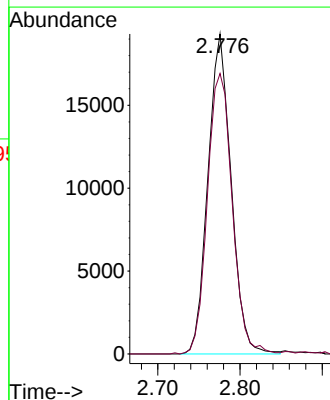
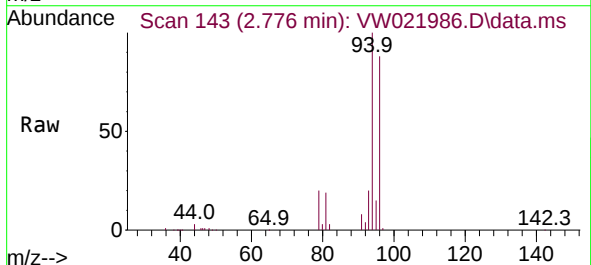
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025543

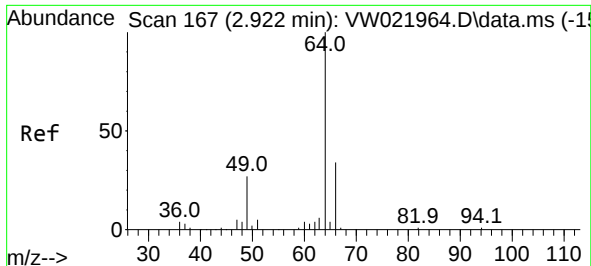
Tgt Ion: 62 Resp: 58274
 Ion Ratio Lower Upper
 62 100
 64 34.4 24.4 45.2



#6
 Bromomethane
 Concen: 17.898 ug/L
 RT: 2.776 min Scan# 143
 Delta R.T. -0.006 min
 Lab File: VW021986.D
 Acq: 17 Jan 2022 19:47

Tgt Ion: 94 Resp: 37861
 Ion Ratio Lower Upper
 94 100
 96 87.7 64.8 120.4

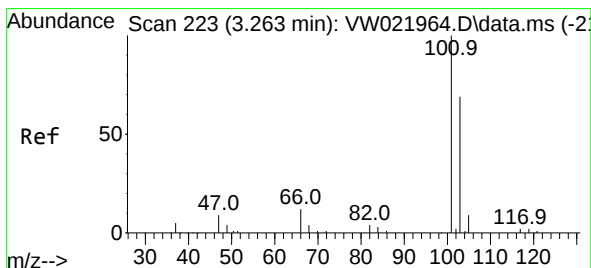
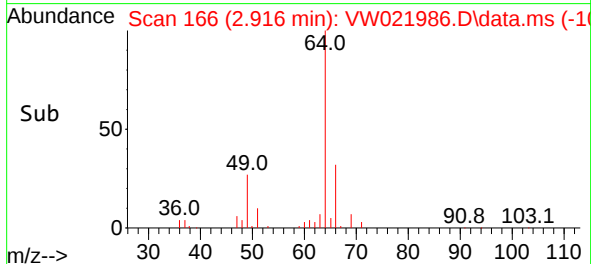
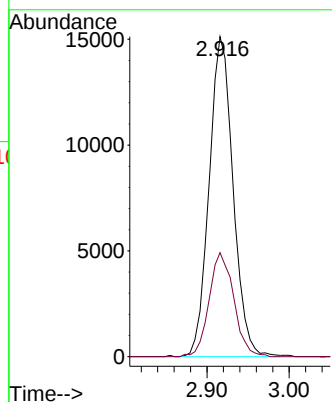
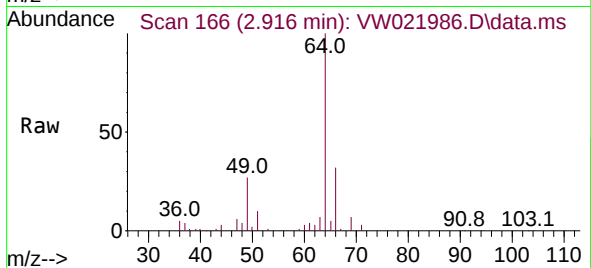




#8
Chloroethane
Concen: 16.931 ug/L
RT: 2.916 min Scan# 1
Delta R.T. -0.006 min
Lab File: VW021986.D
Acq: 17 Jan 2022 19:47

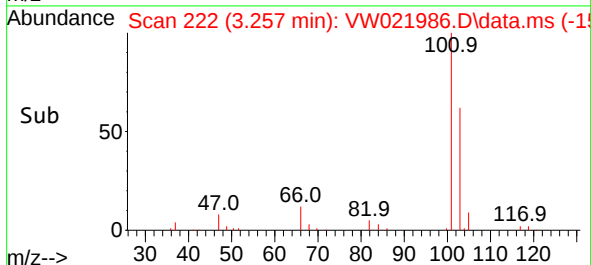
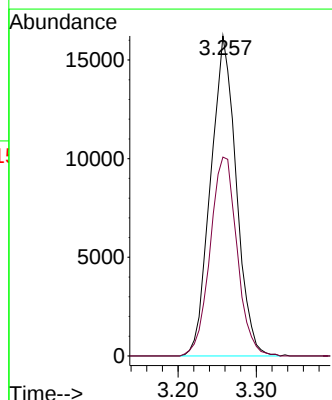
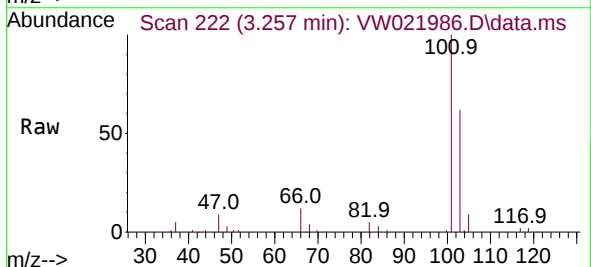
Instrument :
MSVOA_W
ClientSampleId :
VSTD025543

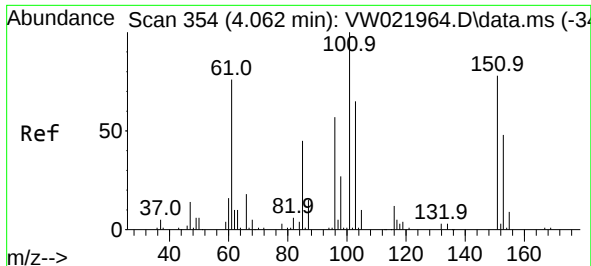
Tgt Ion: 64 Resp: 30612
Ion Ratio Lower Upper
64 100
66 32.5 22.0 40.8



#9
Trichlorofluoromethane
Concen: 16.569 ug/L
RT: 3.257 min Scan# 222
Delta R.T. -0.006 min
Lab File: VW021986.D
Acq: 17 Jan 2022 19:47

Tgt Ion: 101 Resp: 36838
Ion Ratio Lower Upper
101 100
103 65.5 51.4 77.2

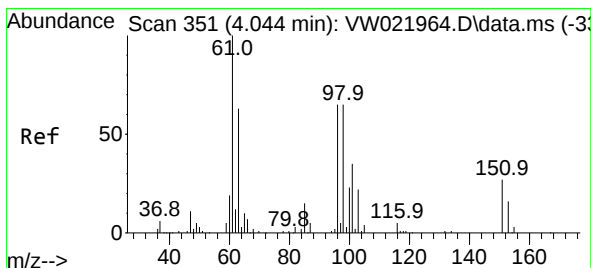
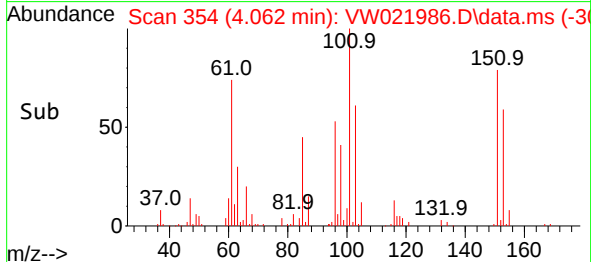
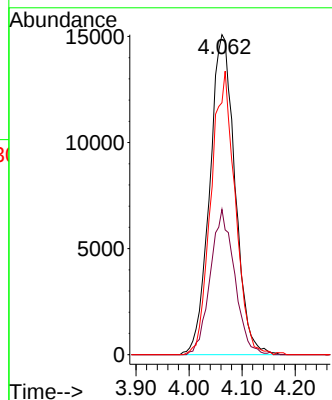
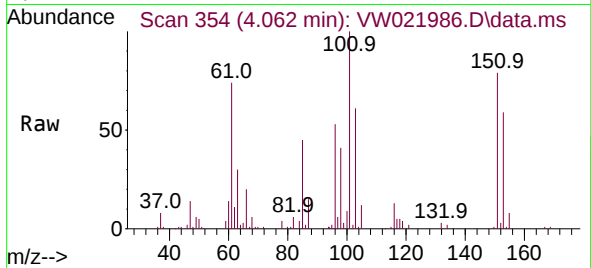




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 20.653 ug/L
 RT: 4.062 min Scan# 31
 Delta R.T. -0.000 min
 Lab File: VW021986.D
 Acq: 17 Jan 2022 19:47

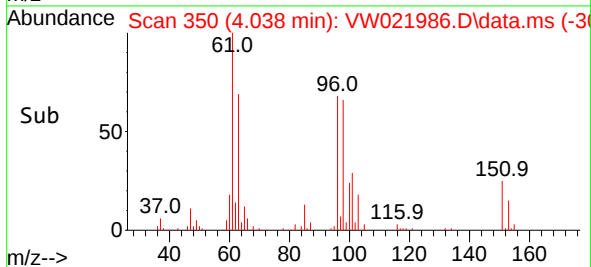
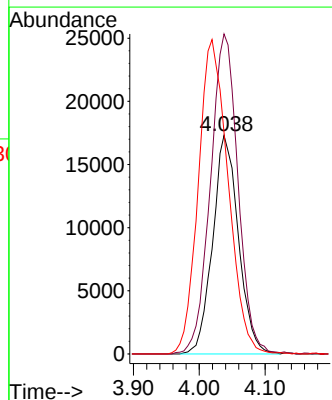
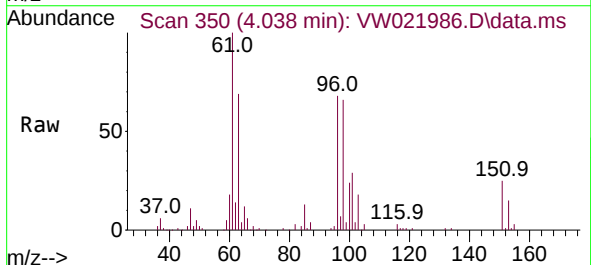
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025543

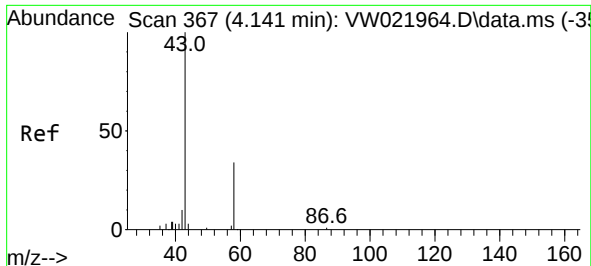
Tgt Ion:101 Resp: 49981
 Ion Ratio Lower Upper
 101 100
 85 43.4 36.6 54.8
 151 0.0 57.4 86.0#



#12
 1,1-Dichloroethene
 Concen: 21.692 ug/L
 RT: 4.038 min Scan# 350
 Delta R.T. -0.006 min
 Lab File: VW021986.D
 Acq: 17 Jan 2022 19:47

Tgt Ion: 96 Resp: 47176
 Ion Ratio Lower Upper
 96 100
 61 146.4 138.3 256.9
 63 101.3 82.6 153.4

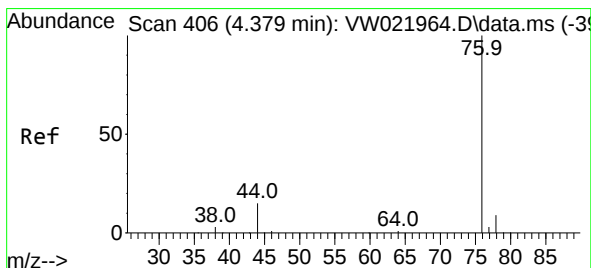
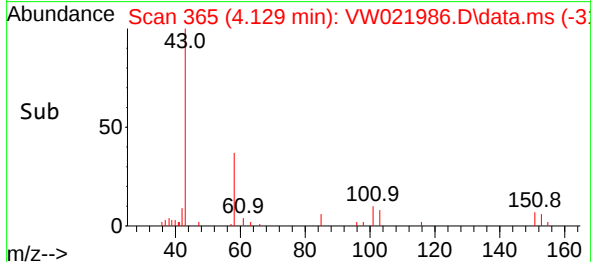
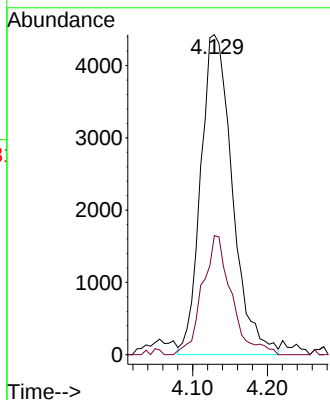
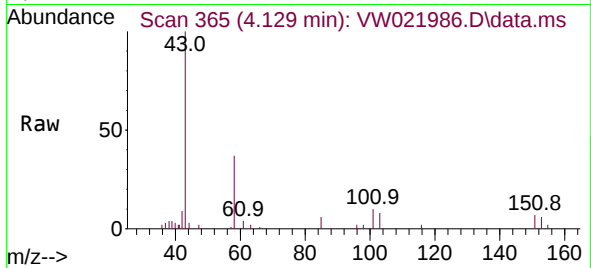




#13
Acetone
Concen: 41.371 ug/L
RT: 4.129 min Scan# 30
Delta R.T. -0.012 min
Lab File: VW021986.D
Acq: 17 Jan 2022 19:47

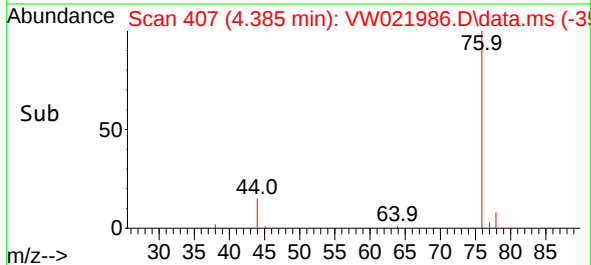
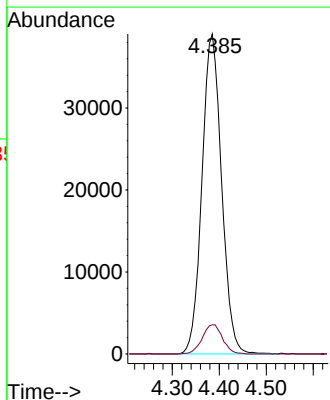
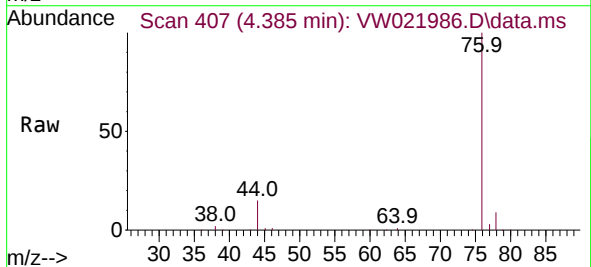
Instrument :
MSVOA_W
ClientSampleId :
VSTD025543

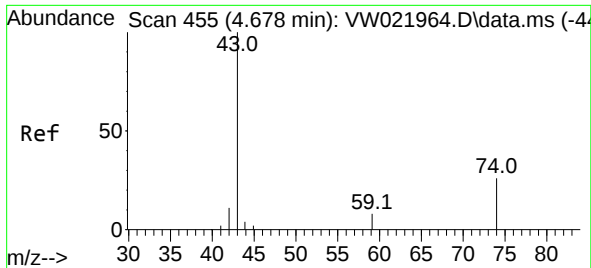
Tgt Ion: 43 Resp: 13065
Ion Ratio Lower Upper
43 100
58 33.0 0.0 52.8



#14
Carbon disulfide
Concen: 19.836 ug/L
RT: 4.385 min Scan# 407
Delta R.T. 0.006 min
Lab File: VW021986.D
Acq: 17 Jan 2022 19:47

Tgt Ion: 76 Resp: 112944
Ion Ratio Lower Upper
76 100
78 9.1 7.1 10.7

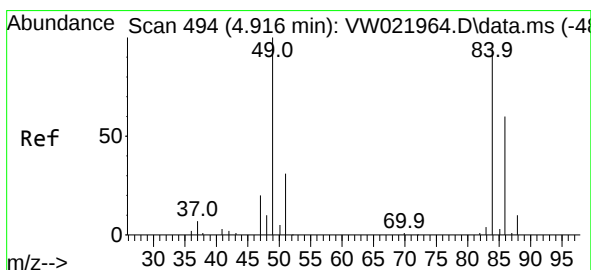
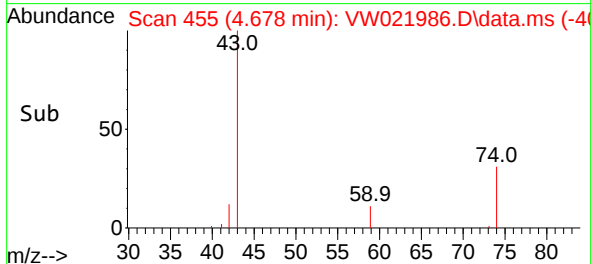
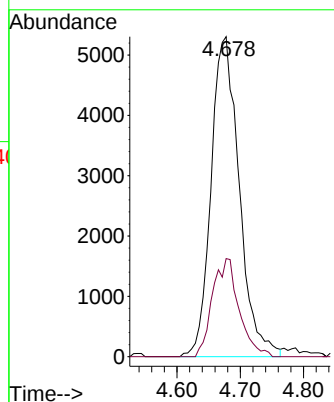
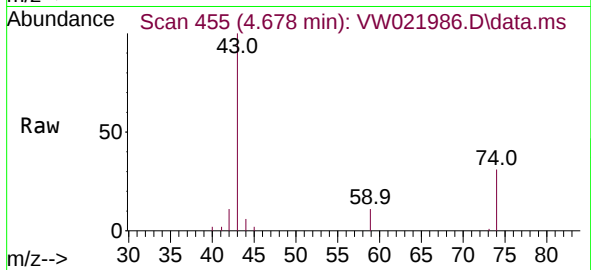




#15
Methyl Acetate
Concen: 25.708 ug/L
RT: 4.678 min Scan# 415
Delta R.T. -0.000 min
Lab File: VW021986.D
Acq: 17 Jan 2022 19:47

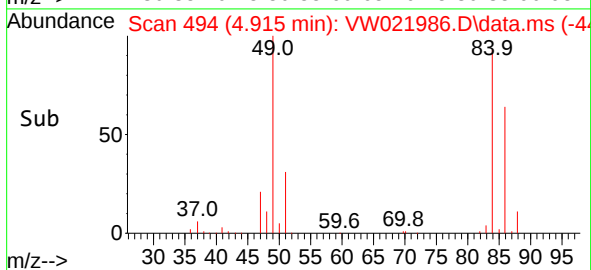
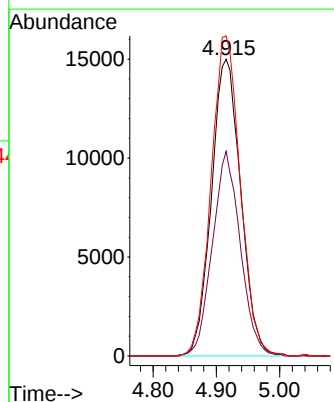
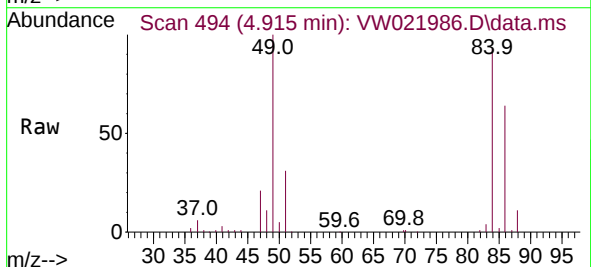
Instrument :
MSVOA_W
ClientSampleId :
VSTD025543

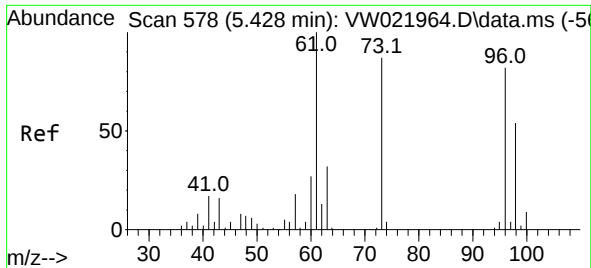
Tgt Ion: 43 Resp: 16409
Ion Ratio Lower Upper
43 100
74 28.4 16.4 24.6#



#16
Methylene chloride
Concen: 19.369 ug/L
RT: 4.915 min Scan# 494
Delta R.T. -0.000 min
Lab File: VW021986.D
Acq: 17 Jan 2022 19:47

Tgt Ion: 84 Resp: 48299
Ion Ratio Lower Upper
84 100
86 69.0 45.5 84.5
49 107.9 100.5 186.7



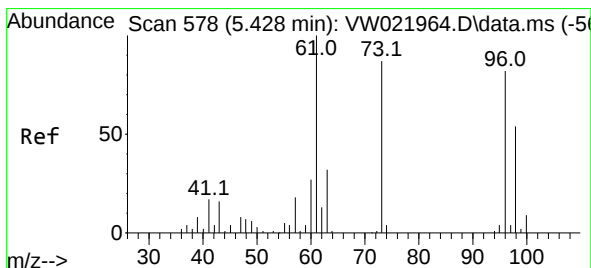
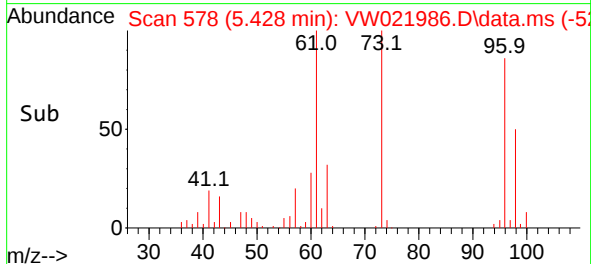
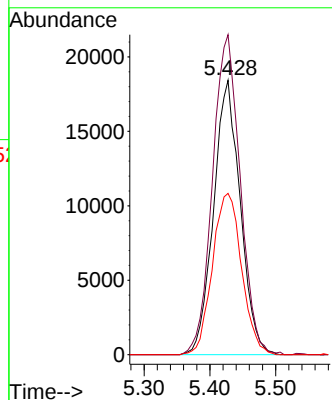
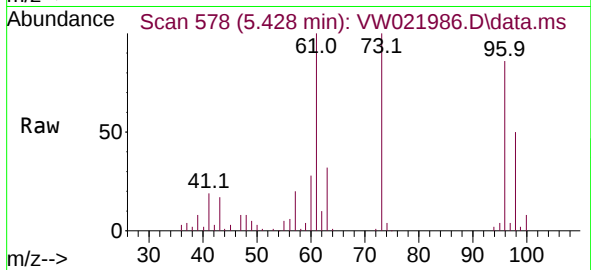


#17
trans-1,2-Dichloroethene
Concen: 22.173 ug/L
RT: 5.428 min Scan# 578
Delta R.T. -0.000 min
Lab File: VW021986.D
Acq: 17 Jan 2022 19:47

Instrument :
MSVOA_W
ClientSampleId :
VSTD025543

Tgt Ion: 96 Resp: 52108

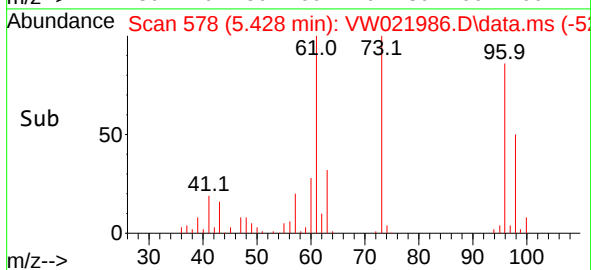
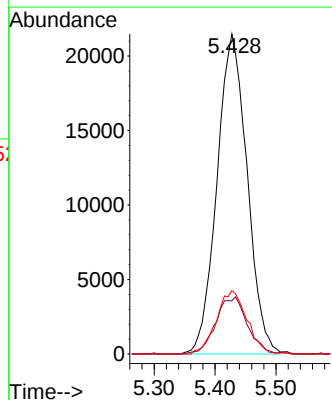
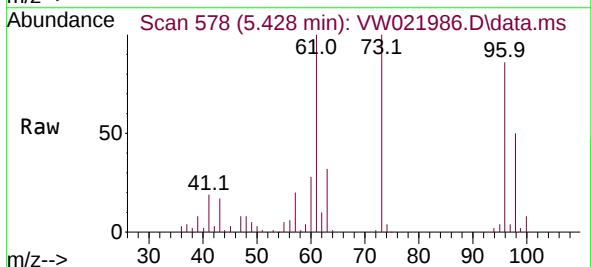
Ion	Ratio	Lower	Upper
96	100		
61	116.6	107.4	199.4
98	58.8	41.2	76.6

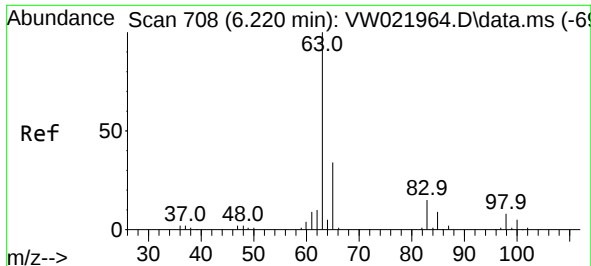


#18
Methyl tert-butyl Ether
Concen: 24.630 ug/L
RT: 5.428 min Scan# 578
Delta R.T. -0.000 min
Lab File: VW021986.D
Acq: 17 Jan 2022 19:47

Tgt Ion: 73 Resp: 73813

Ion	Ratio	Lower	Upper
73	100		
43	10.3	19.5	29.3#
57	19.8	19.3	28.9





#19

1,1-Dichloroethane

Concen: 23.949 ug/L

RT: 6.214 min Scan# 708

Delta R.T. -0.006 min

Lab File: VW021986.D

Acq: 17 Jan 2022 19:47

Instrument :

MSVOA_W

ClientSampleId :

VSTD025543

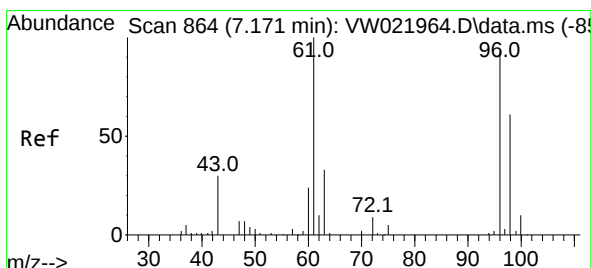
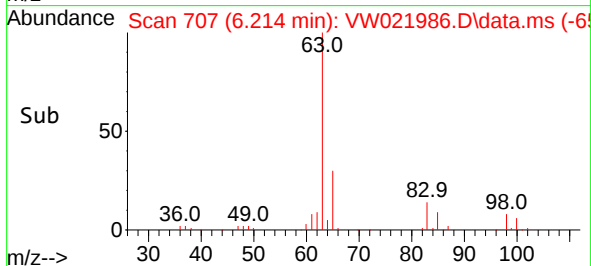
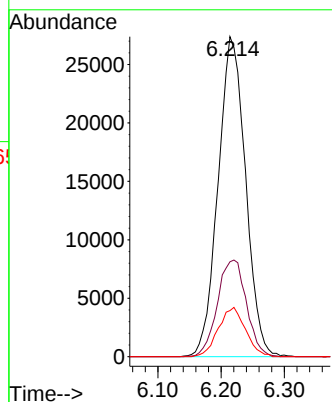
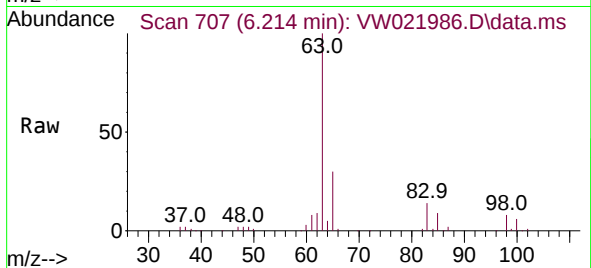
Tgt Ion: 63 Resp: 82539

Ion Ratio Lower Upper

63 100

65 29.7 22.1 41.1

83 14.4 9.2 17.2



#20

cis-1,2-Dichloroethene

Concen: 23.794 ug/L

RT: 7.171 min Scan# 864

Delta R.T. -0.000 min

Lab File: VW021986.D

Acq: 17 Jan 2022 19:47

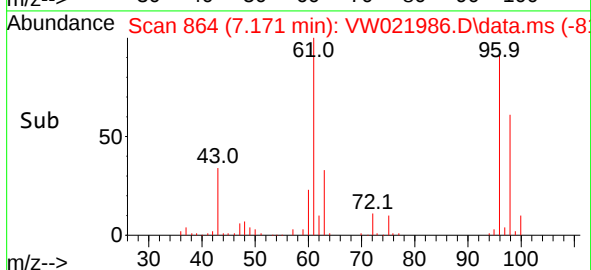
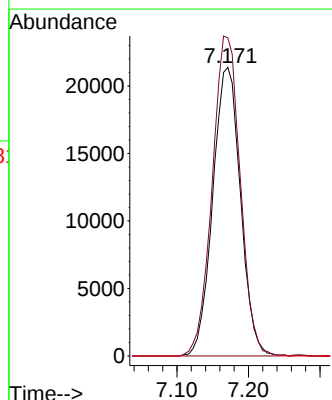
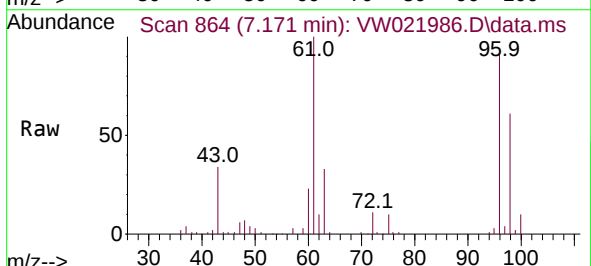
Tgt Ion: 96 Resp: 57523

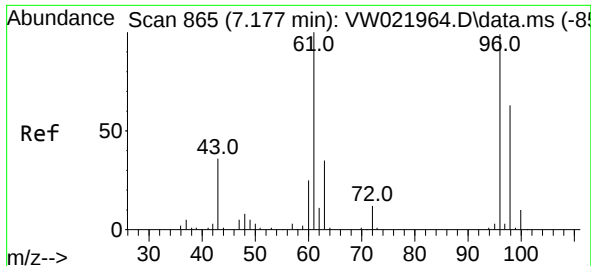
Ion Ratio Lower Upper

96 100

61 110.3 103.7 192.7

68 0.0 0.0 0.0

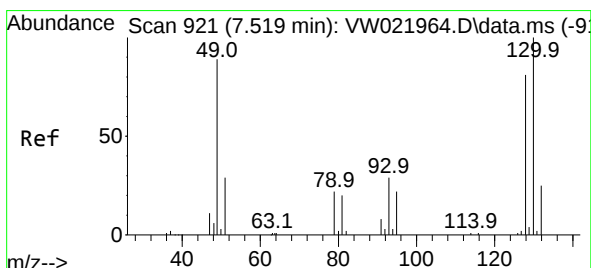
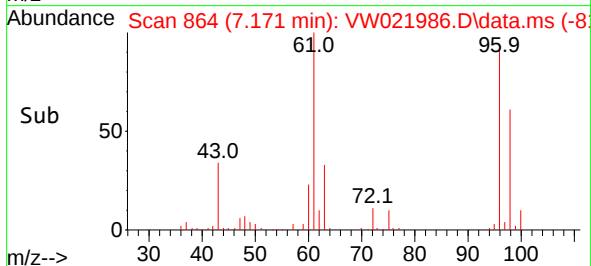
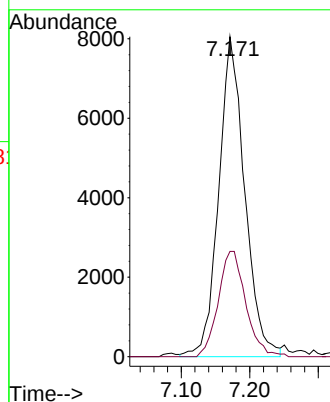
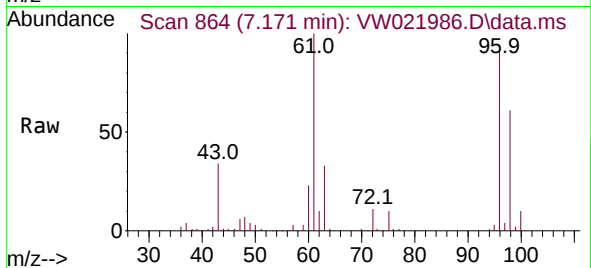




#22
2-Butanone
Concen: 52.477 ug/L
RT: 7.171 min Scan# 865
Delta R.T. -0.006 min
Lab File: VW021986.D
Acq: 17 Jan 2022 19:47

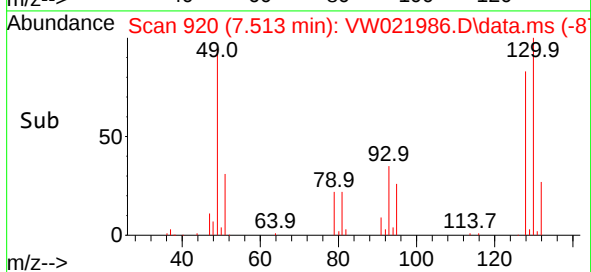
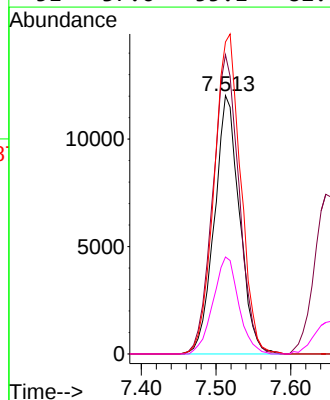
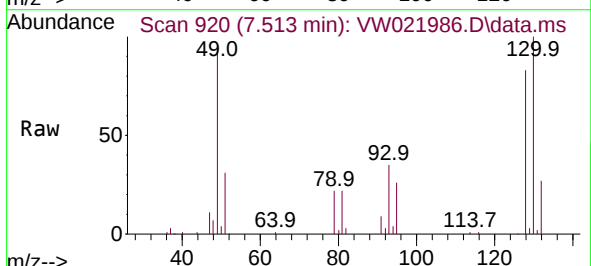
Instrument :
MSVOA_W
ClientSampleId :
VSTD025543

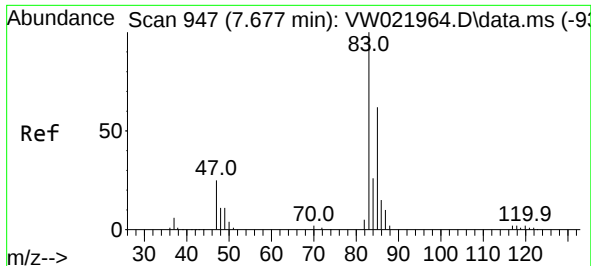
Tgt Ion: 43 Resp: 21183
Ion Ratio Lower Upper
43 100
72 34.2 11.8 35.4



#23
Bromochloromethane
Concen: 23.356 ug/L
RT: 7.513 min Scan# 920
Delta R.T. -0.006 min
Lab File: VW021986.D
Acq: 17 Jan 2022 19:47

Tgt Ion: 128 Resp: 28095
Ion Ratio Lower Upper
128 100
49 115.8 150.3 279.1#
130 120.7 88.3 163.9
51 37.6 55.1 82.7#

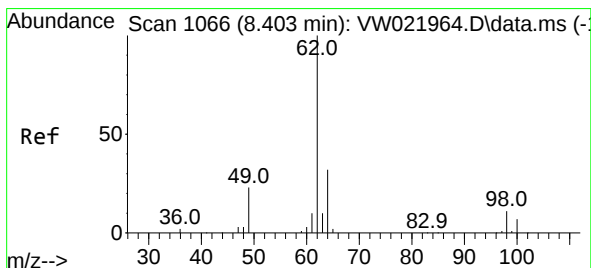
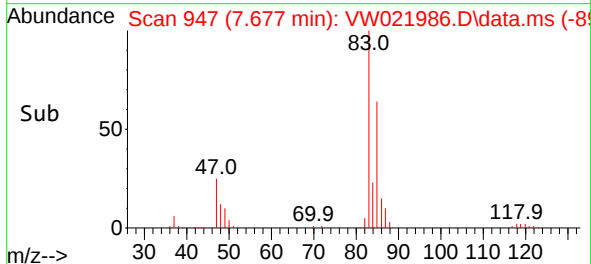
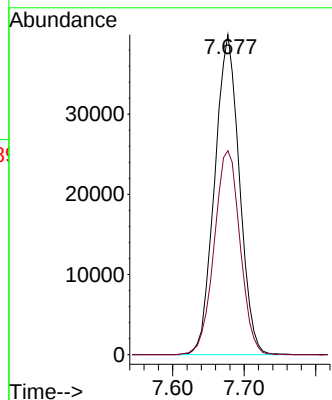
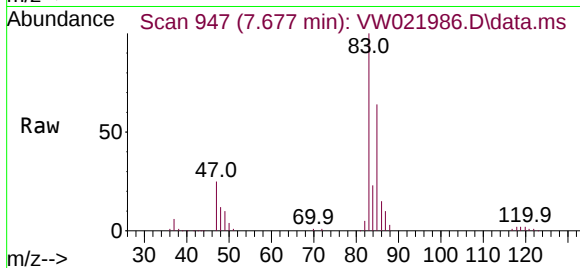




#25
Chloroform
Concen: 23.503 ug/L
RT: 7.677 min Scan# 947
Delta R.T. -0.000 min
Lab File: VW021986.D
Acq: 17 Jan 2022 19:47

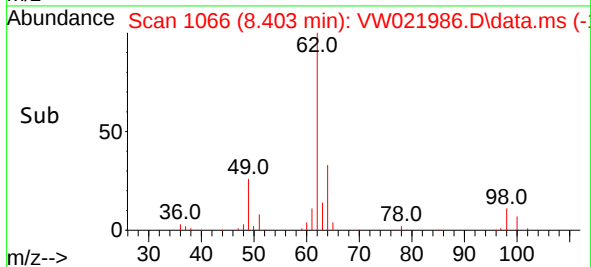
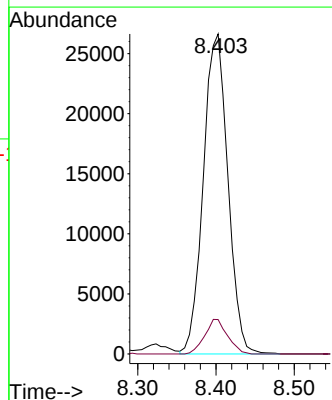
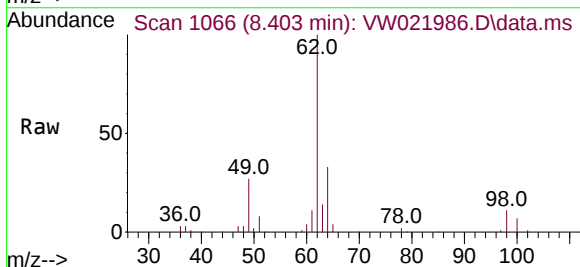
Instrument :
MSVOA_W
ClientSampleId :
VSTD025543

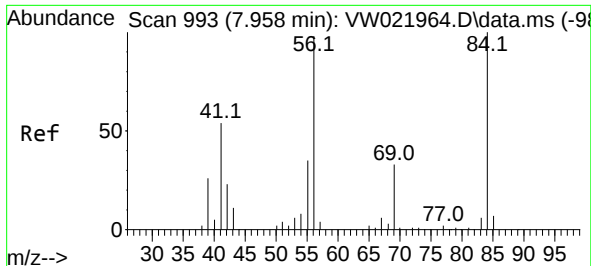
Tgt Ion: 83 Resp: 95841
Ion Ratio Lower Upper
83 100
85 63.7 45.1 83.7



#27
1,2-Dichloroethane
Concen: 24.599 ug/L
RT: 8.403 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VW021986.D
Acq: 17 Jan 2022 19:47

Tgt Ion: 62 Resp: 58088
Ion Ratio Lower Upper
62 100
98 10.8 6.5 9.7#





#29

Cyclohexane

Concen: 21.809 ug/L

RT: 7.952 min Scan# 993

Delta R.T. -0.006 min

Lab File: VW021986.D

Acq: 17 Jan 2022 19:47

Instrument :

MSVOA_W

ClientSampleId :

VSTD025543

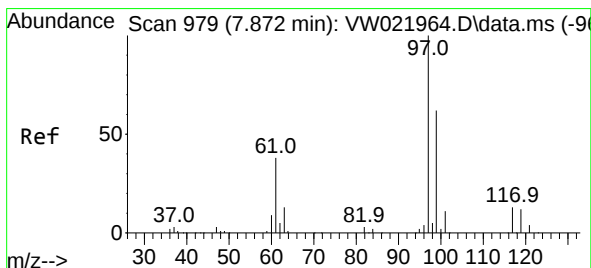
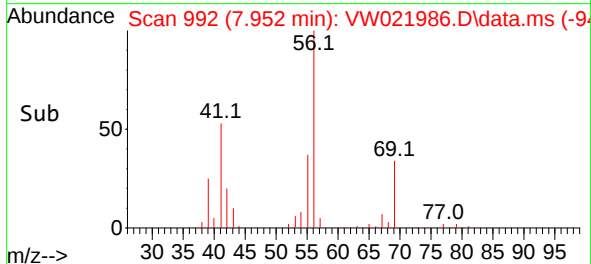
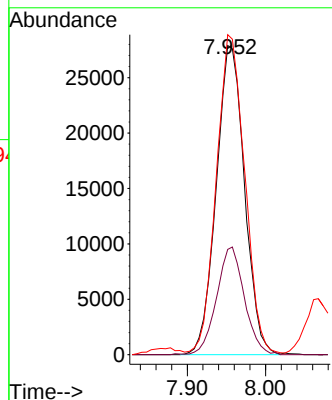
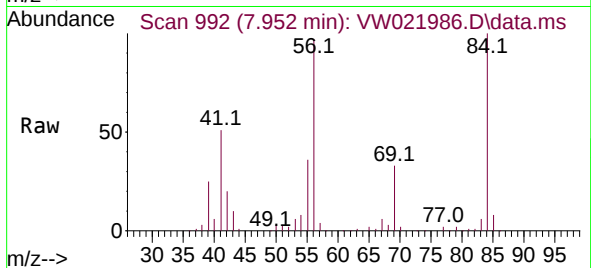
Tgt Ion: 56 Resp: 69927

Ion Ratio Lower Upper

56 100

69 34.1 23.5 35.3

84 104.3 63.4 95.2#



#30

1,1,1-Trichloroethane

Concen: 22.136 ug/L

RT: 7.878 min Scan# 980

Delta R.T. 0.006 min

Lab File: VW021986.D

Acq: 17 Jan 2022 19:47

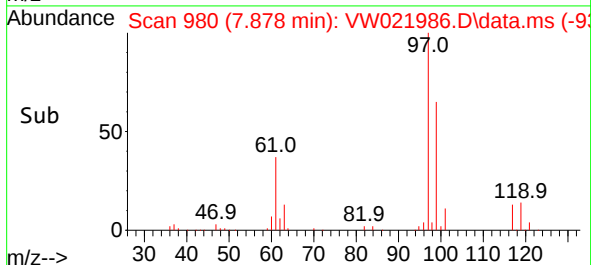
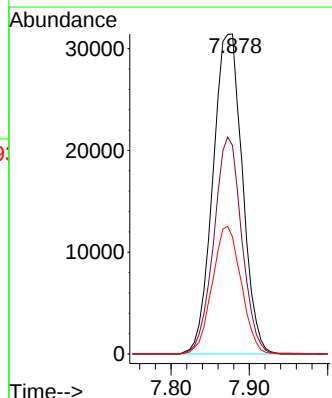
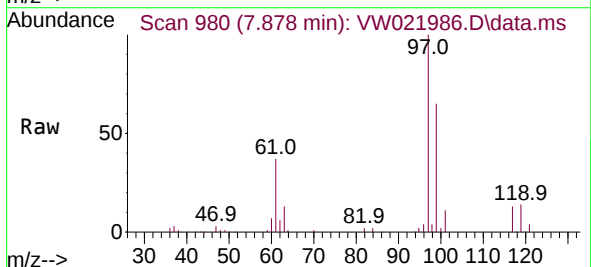
Tgt Ion: 97 Resp: 82234

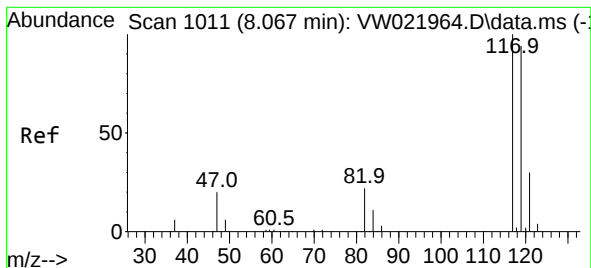
Ion Ratio Lower Upper

97 100

99 64.3 51.6 77.4

61 39.0 40.9 61.3#





#31

Carbon tetrachloride

Concen: 21.493 ug/L

RT: 8.073 min Scan# 1011

Delta R.T. 0.006 min

Lab File: VW021986.D

Acq: 17 Jan 2022 19:47

Instrument :

MSVOA_W

ClientSampleId :

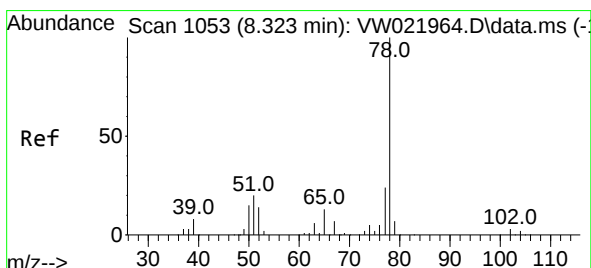
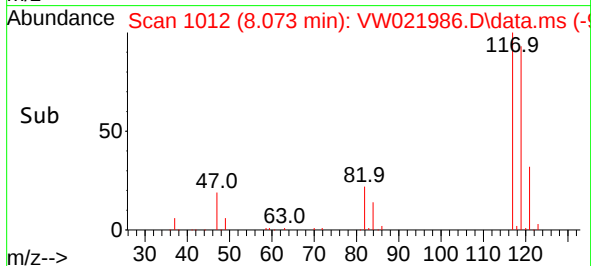
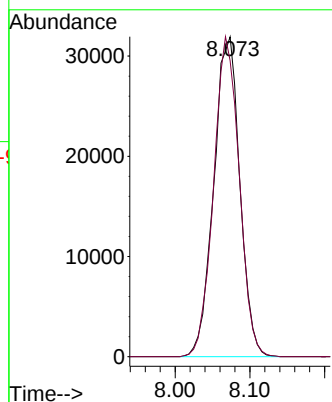
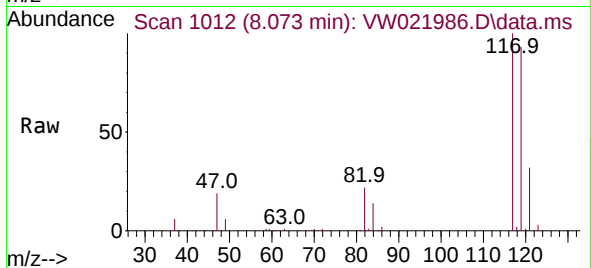
VSTD025543

Tgt Ion:117 Resp: 77373

Ion Ratio Lower Upper

117 100

119 98.5 75.7 113.5



#33

Benzene

Concen: 23.072 ug/L

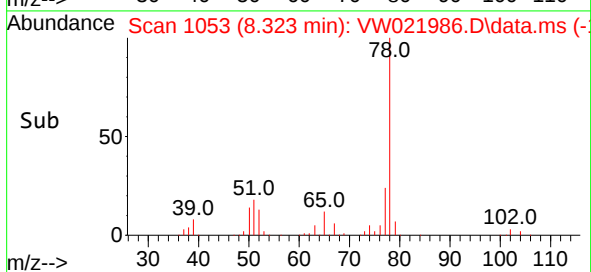
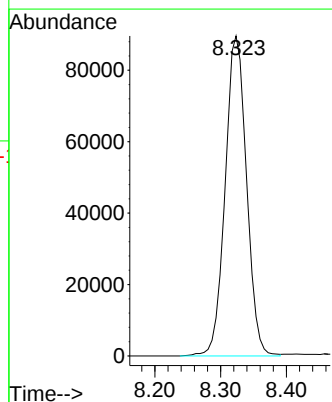
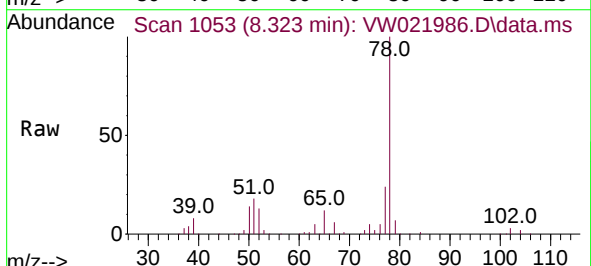
RT: 8.323 min Scan# 1053

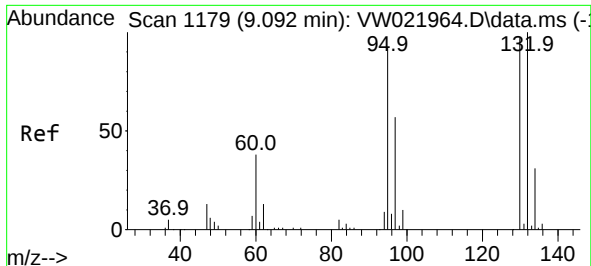
Delta R.T. -0.000 min

Lab File: VW021986.D

Acq: 17 Jan 2022 19:47

Tgt Ion: 78 Resp: 202763

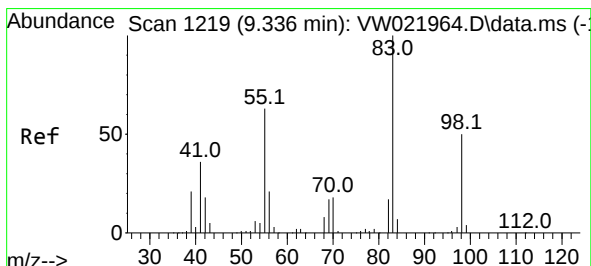
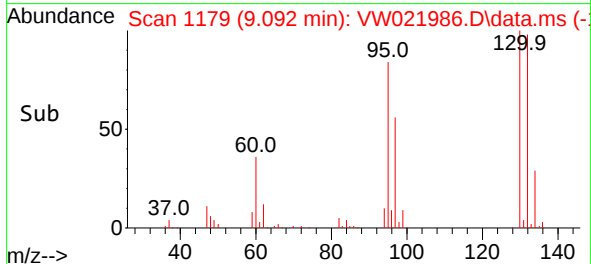
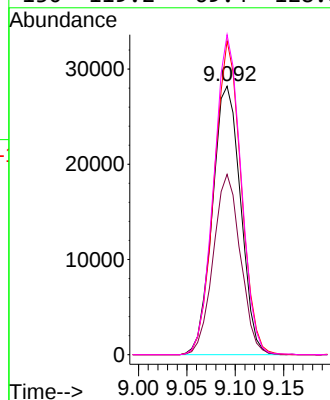
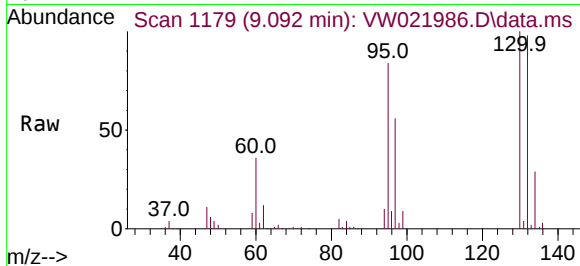




#34
Trichloroethene
Concen: 22.386 ug/L
RT: 9.092 min Scan# 1179
Delta R.T. -0.000 min
Lab File: VW021986.D
Acq: 17 Jan 2022 19:47

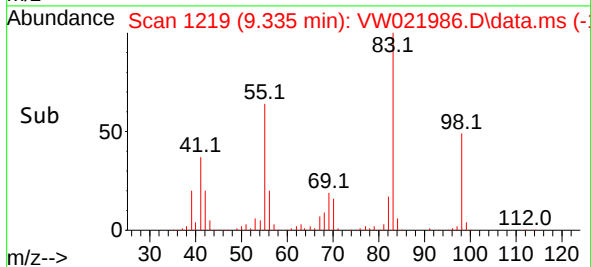
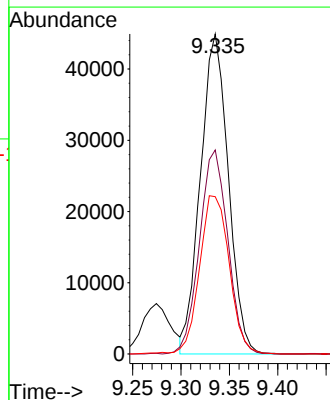
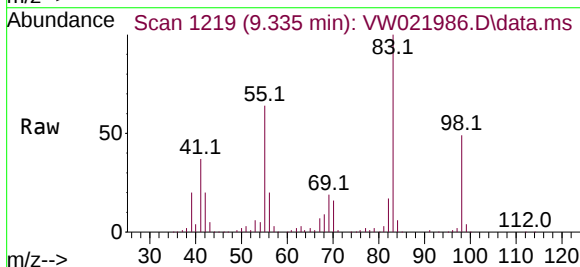
Instrument :
MSVOA_W
ClientSampleId :
VSTD025543

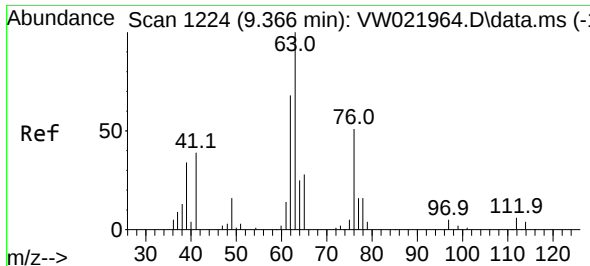
Tgt Ion: 95 Resp: 57076
Ion Ratio Lower Upper
95 100
97 67.1 47.0 87.2
132 116.9 65.5 121.6
130 119.2 69.4 128.8



#35
Methylcyclohexane
Concen: 21.492 ug/L
RT: 9.335 min Scan# 1219
Delta R.T. -0.000 min
Lab File: VW021986.D
Acq: 17 Jan 2022 19:47

Tgt Ion: 83 Resp: 90112
Ion Ratio Lower Upper
83 100
55 64.8 70.8 106.2#
98 52.6 37.7 56.5





#37

1,2-Dichloropropane

Concen: 23.962 ug/L

RT: 9.366 min Scan# 11

Delta R.T. -0.000 min

Lab File: VW021986.D

Acq: 17 Jan 2022 19:47

Instrument :

MSVOA_W

ClientSampleId :

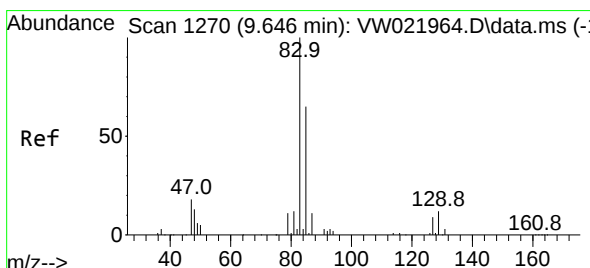
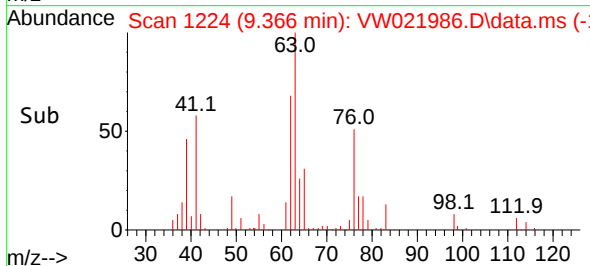
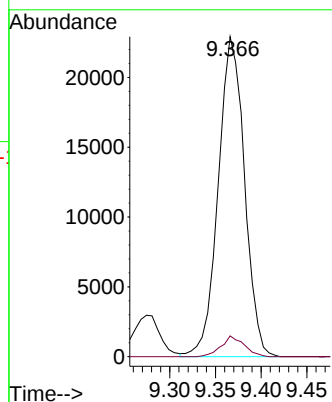
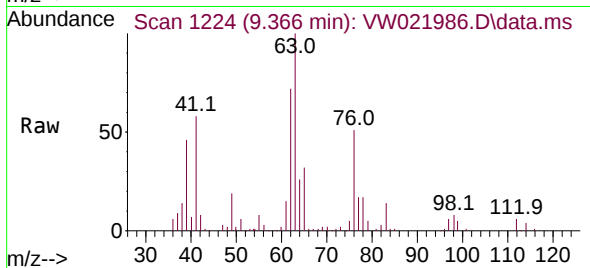
VSTD025543

Tgt Ion: 63 Resp: 45876

Ion Ratio Lower Upper

63 100

112 5.7 3.2 4.8#



#38

Bromodichloromethane

Concen: 24.486 ug/L

RT: 9.646 min Scan# 1270

Delta R.T. -0.000 min

Lab File: VW021986.D

Acq: 17 Jan 2022 19:47

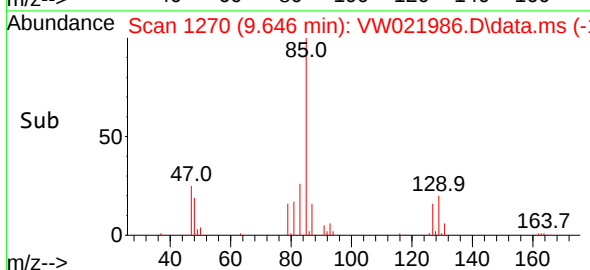
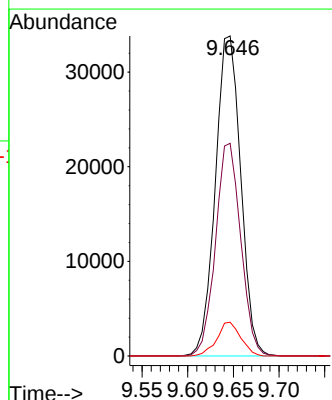
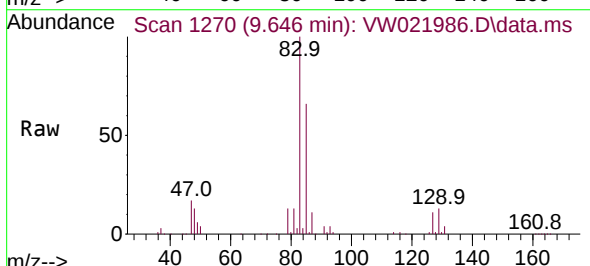
Tgt Ion: 83 Resp: 65442

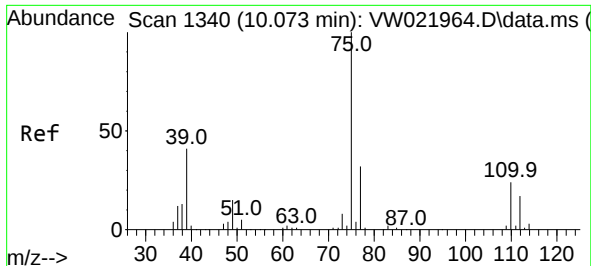
Ion Ratio Lower Upper

83 100

85 66.5 44.1 81.9

127 10.6 6.1 9.1#





#39

cis-1,3-Dichloropropene

Concen: 25.026 ug/L

RT: 10.073 min Scan# 1340

Delta R.T. -0.000 min

Lab File: VW021986.D

Acq: 17 Jan 2022 19:47

Instrument :

MSVOA_W

ClientSampleId :

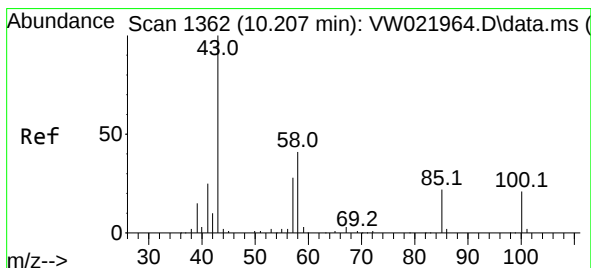
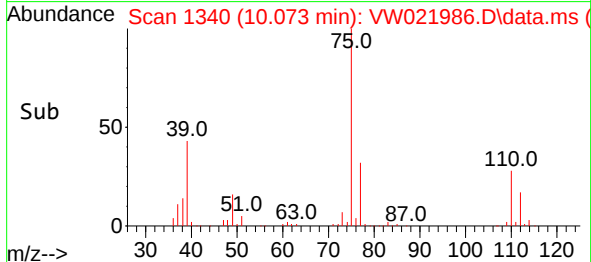
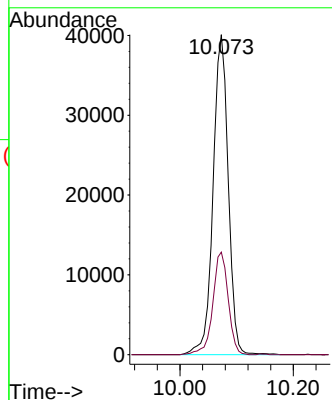
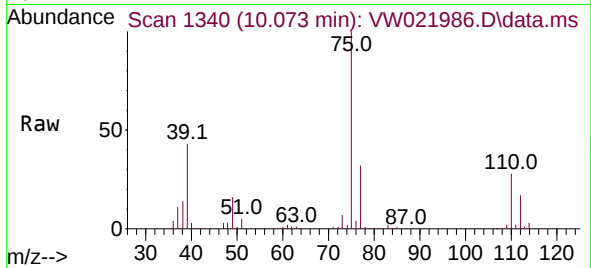
VSTD025543

Tgt Ion: 75 Resp: 74451

Ion Ratio Lower Upper

75 100

77 32.0 21.8 40.6



#40

4-Methyl-2-pentanone

Concen: 54.763 ug/L

RT: 10.207 min Scan# 1362

Delta R.T. -0.000 min

Lab File: VW021986.D

Acq: 17 Jan 2022 19:47

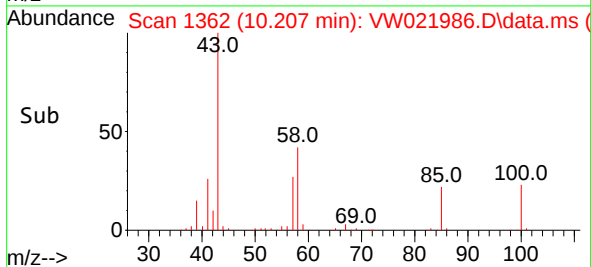
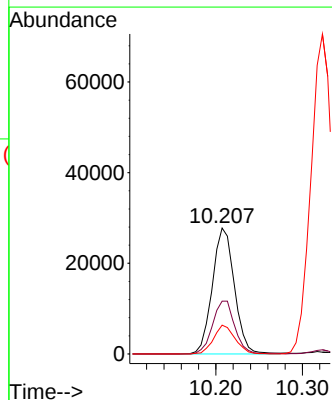
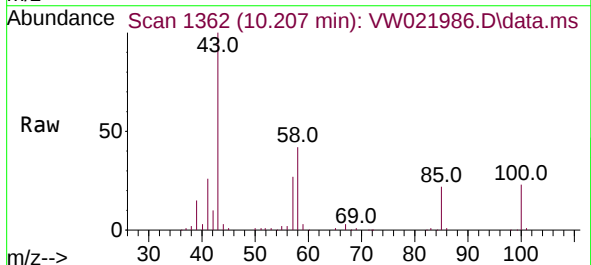
Tgt Ion: 43 Resp: 49252

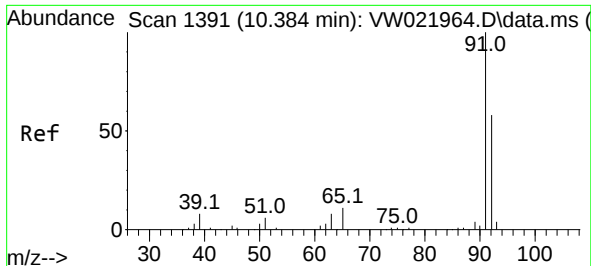
Ion Ratio Lower Upper

43 100

58 42.1 28.8 43.2

100 22.3 10.0 15.0#

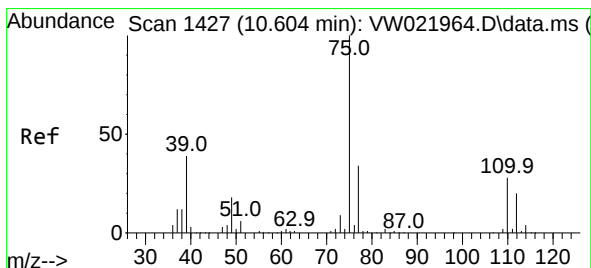
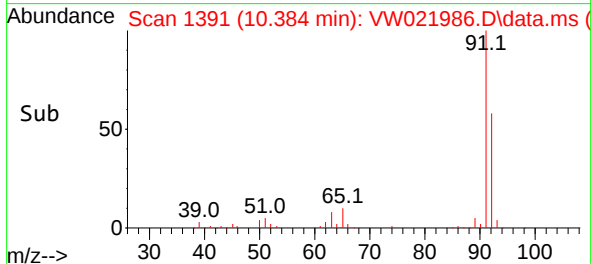
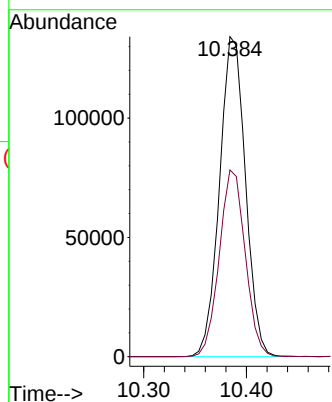
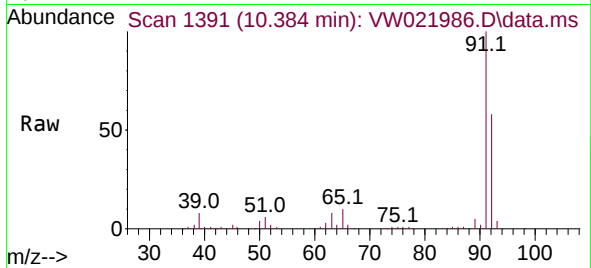




#42
Toluene
Concen: 23.837 ug/L
RT: 10.384 min Scan# 1391
Delta R.T. -0.000 min
Lab File: VW021986.D
Acq: 17 Jan 2022 19:47

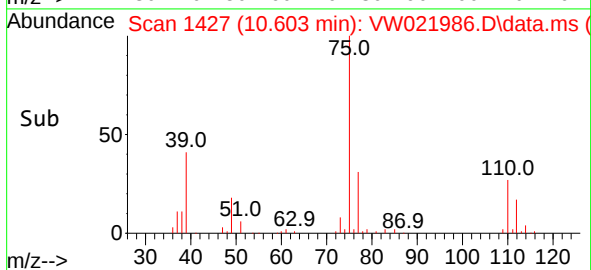
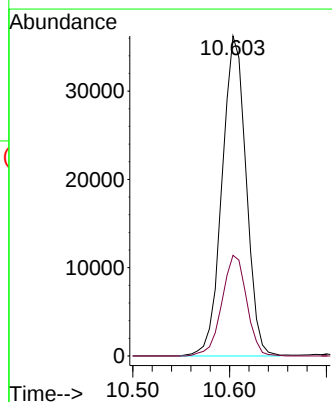
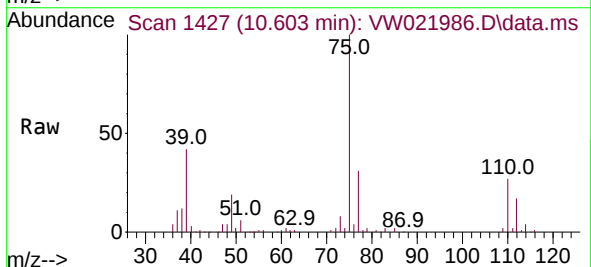
Instrument :
MSVOA_W
ClientSampleId :
VSTD025543

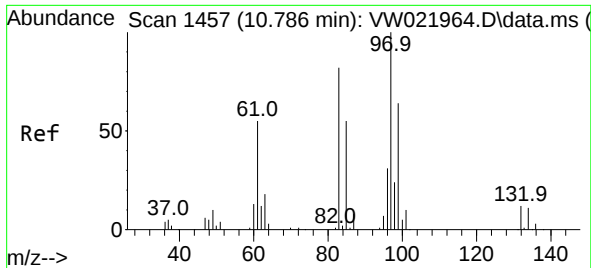
Tgt Ion: 91 Resp: 234951
Ion Ratio Lower Upper
91 100
92 58.3 41.7 77.5



#44
trans-1,3-Dichloropropene
Concen: 25.165 ug/L
RT: 10.603 min Scan# 1427
Delta R.T. -0.000 min
Lab File: VW021986.D
Acq: 17 Jan 2022 19:47

Tgt Ion: 75 Resp: 62659
Ion Ratio Lower Upper
75 100
77 31.5 22.2 41.2

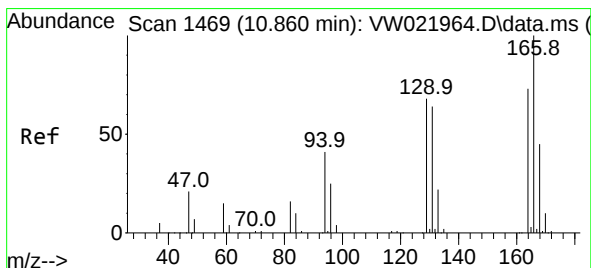
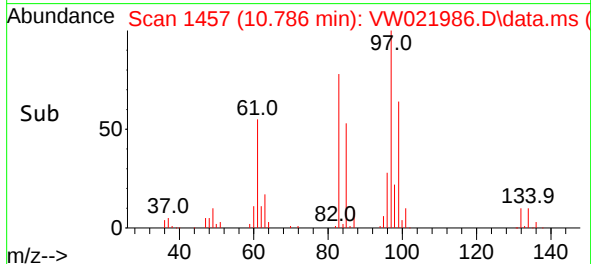
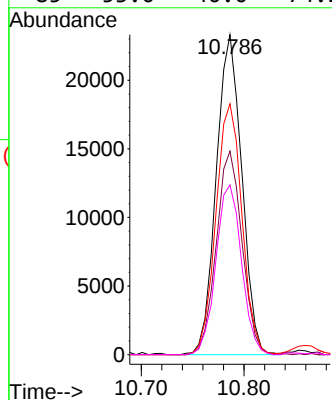
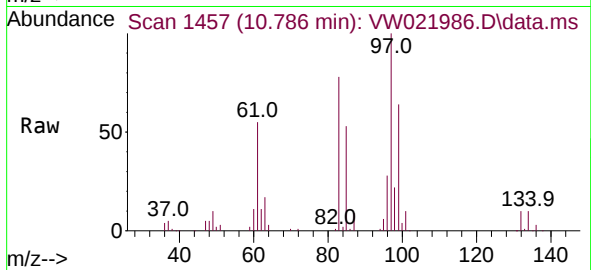




#45
1,1,2-Trichloroethane
Concen: 24.770 ug/L
RT: 10.786 min Scan# 1457
Delta R.T. -0.000 min
Lab File: VW021986.D
Acq: 17 Jan 2022 19:47

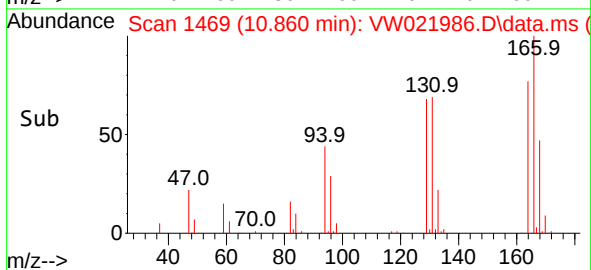
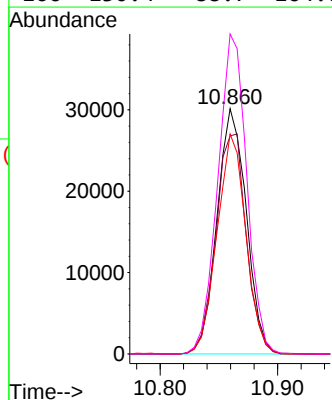
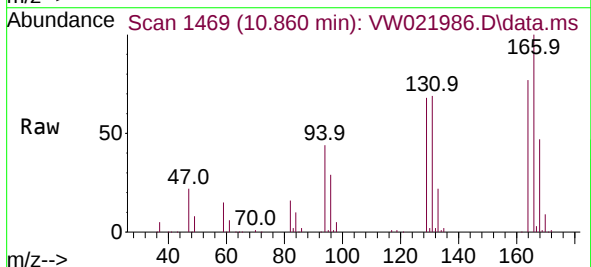
Instrument :
MSVOA_W
ClientSampleId :
VSTD025543

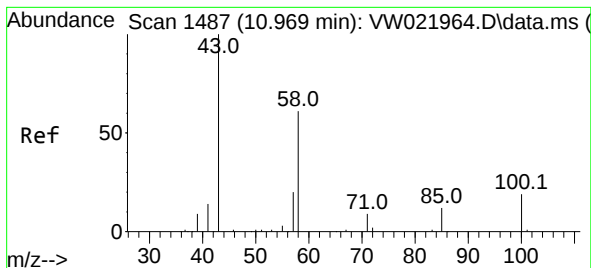
Tgt Ion:	97	Resp:	40263
Ion	Ratio	Lower	Upper
97	100		
99	63.6	43.0	79.8
83	78.4	62.6	116.3
85	53.0	40.0	74.2



#46
Tetrachloroethene
Concen: 20.719 ug/L
RT: 10.860 min Scan# 1469
Delta R.T. -0.000 min
Lab File: VW021986.D
Acq: 17 Jan 2022 19:47

Tgt Ion:	164	Resp:	52238
Ion	Ratio	Lower	Upper
164	100		
129	88.9	65.5	121.7
131	89.7	59.7	110.9
166	130.4	88.7	164.7





#48

2-Hexanone

Concen: 53.951 ug/L

RT: 10.969 min Scan# 1487

Delta R.T. -0.000 min

Lab File: VW021986.D

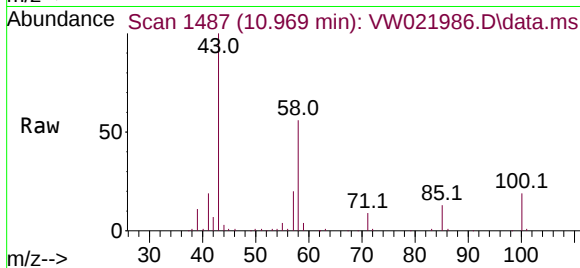
Acq: 17 Jan 2022 19:47

Instrument :

MSVOA_W

ClientSampleId :

VSTD025543



Tgt Ion: 43 Resp: 33199

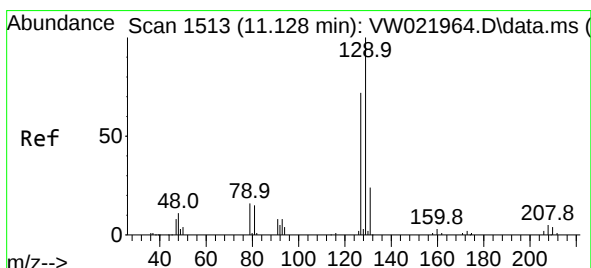
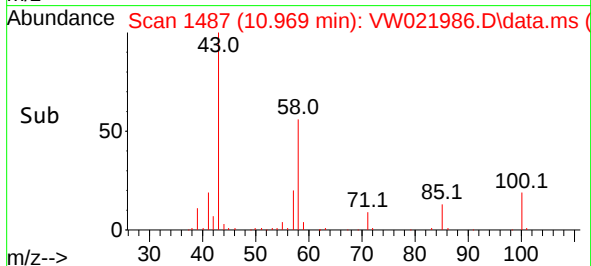
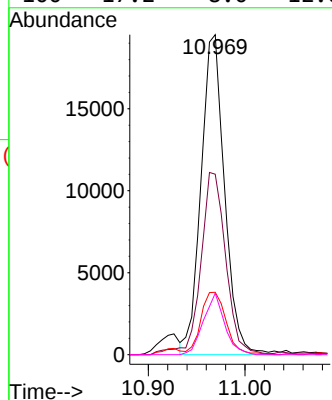
Ion Ratio Lower Upper

43 100

58 58.0 40.2 60.2

57 20.8 14.3 21.5

100 17.2 8.0 12.0#



#49

Dibromochloromethane

Concen: 25.626 ug/L

RT: 11.128 min Scan# 1513

Delta R.T. -0.000 min

Lab File: VW021986.D

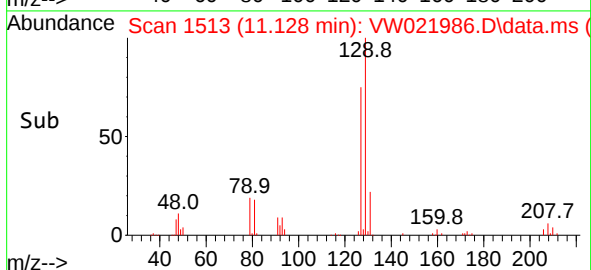
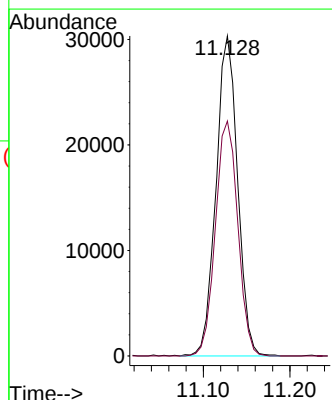
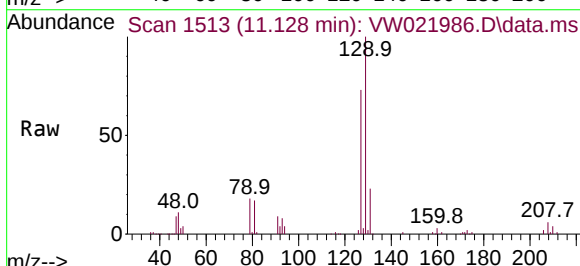
Acq: 17 Jan 2022 19:47

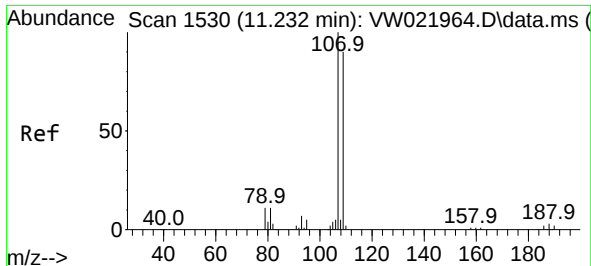
Tgt Ion: 129 Resp: 52487

Ion Ratio Lower Upper

129 100

127 73.4 55.7 103.5





#50

1,2-Dibromoethane

Concen: 25.512 ug/L

RT: 11.231 min Scan# 1

Delta R.T. -0.000 min

Lab File: VW021986.D

Acq: 17 Jan 2022 19:47

Instrument :

MSVOA_W

ClientSampleId :

VSTD025543

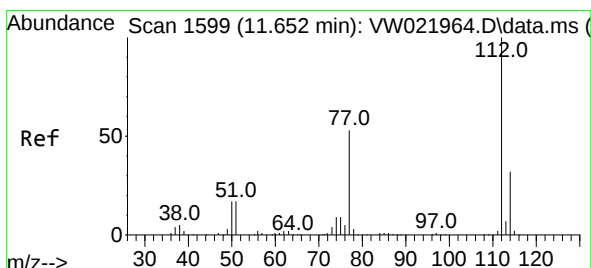
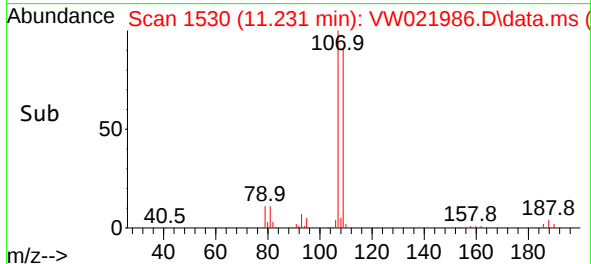
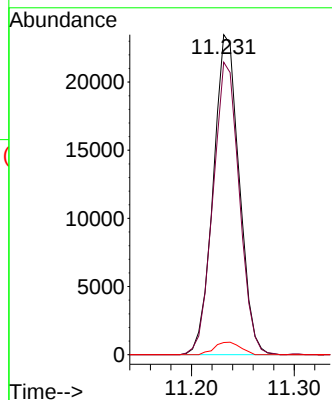
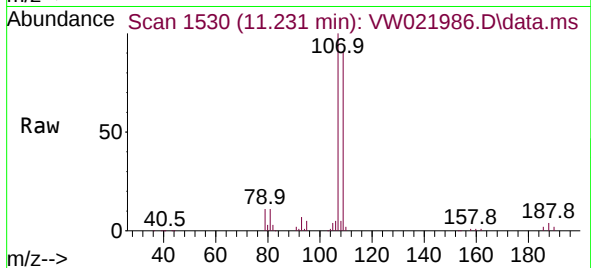
Tgt Ion:107 Resp: 41164

Ion Ratio Lower Upper

107 100

109 91.4 64.1 119.1

188 3.8 2.6 3.8



#51

Chlorobenzene

Concen: 23.785 ug/L

RT: 11.658 min Scan# 1600

Delta R.T. 0.006 min

Lab File: VW021986.D

Acq: 17 Jan 2022 19:47

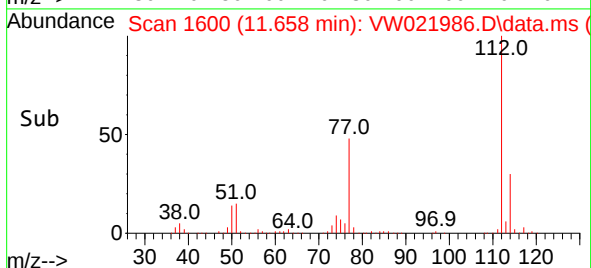
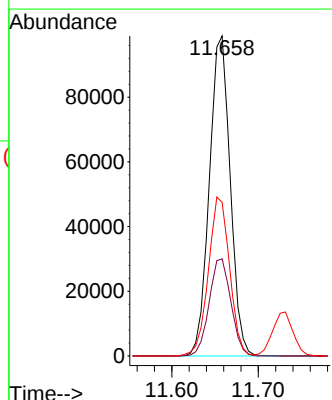
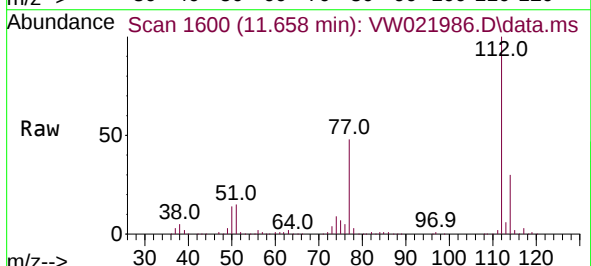
Tgt Ion:112 Resp: 165527

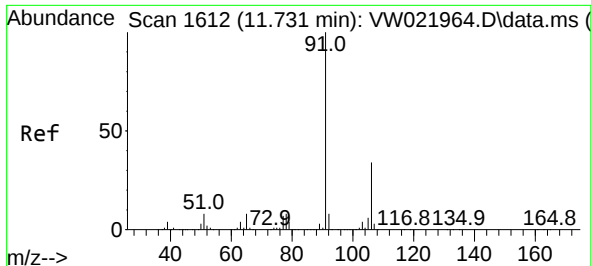
Ion Ratio Lower Upper

112 100

114 30.4 22.4 41.6

77 48.0 50.2 75.4#

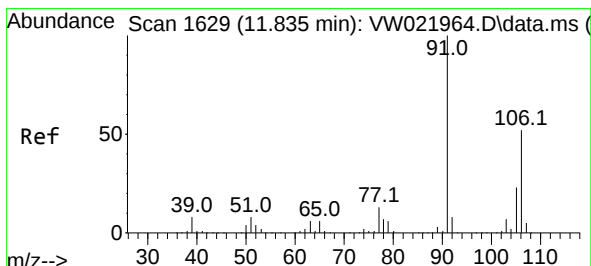
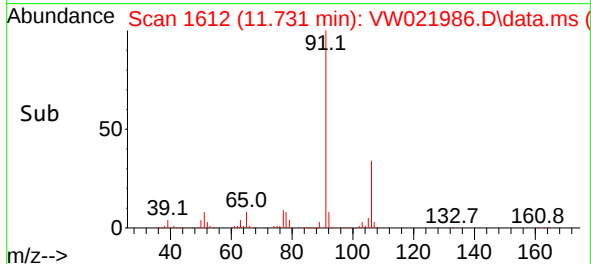
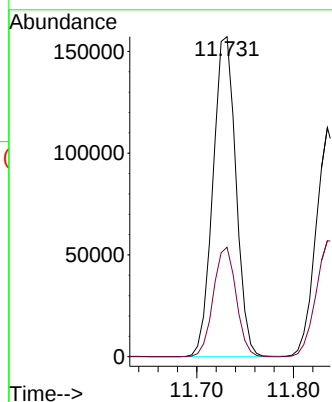
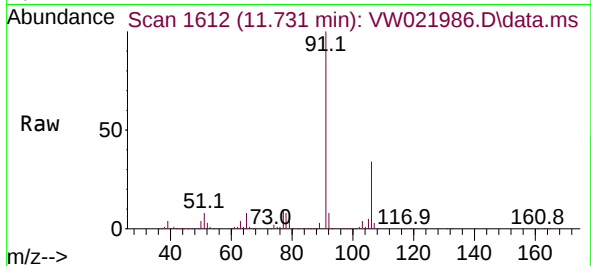




#52
Ethylbenzene
Concen: 23.731 ug/L
RT: 11.731 min Scan# 1
Delta R.T. -0.000 min
Lab File: VW021986.D
Acq: 17 Jan 2022 19:47

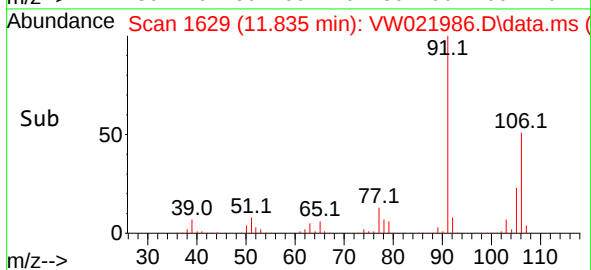
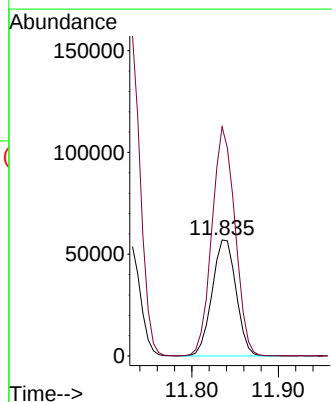
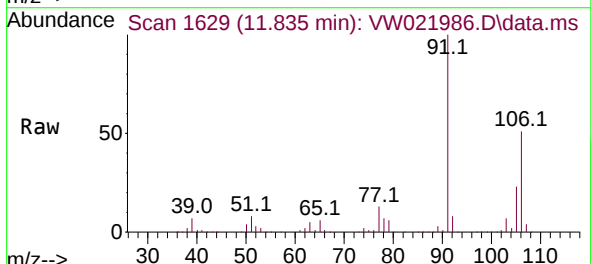
Instrument :
MSVOA_W
ClientSampleId :
VSTD025543

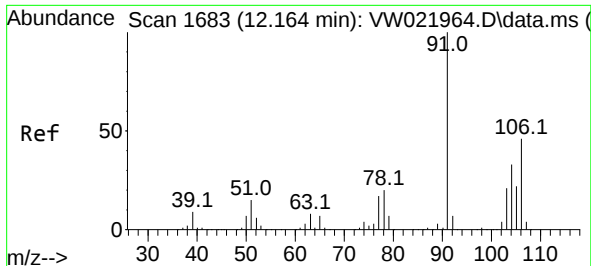
Tgt Ion: 91 Resp: 259840
Ion Ratio Lower Upper
91 100
106 34.2 21.5 39.9



#53
m,p-Xylene
Concen: 23.985 ug/L
RT: 11.835 min Scan# 1629
Delta R.T. -0.000 min
Lab File: VW021986.D
Acq: 17 Jan 2022 19:47

Tgt Ion: 106 Resp: 109820
Ion Ratio Lower Upper
106 100
91 197.6 149.9 278.3

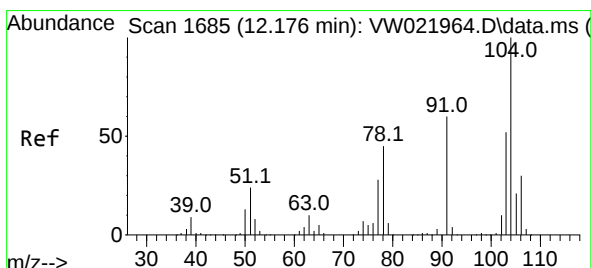
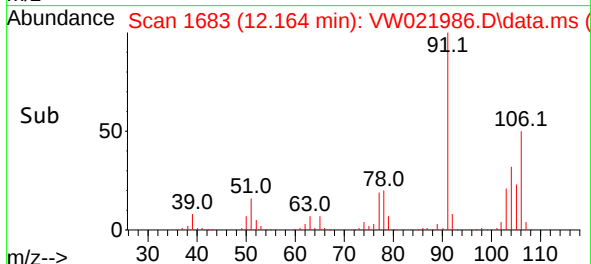
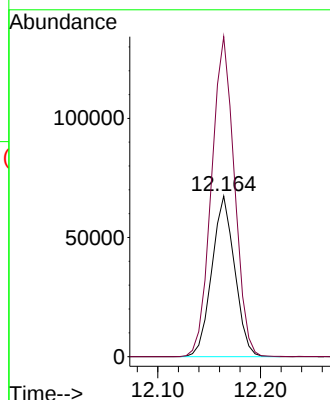
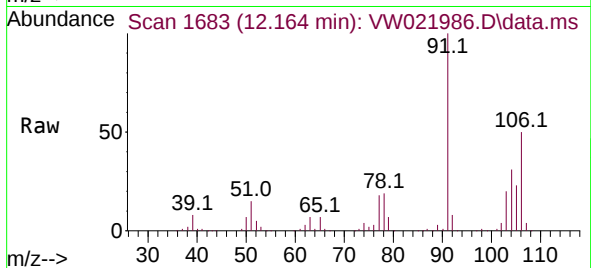




#54
o-Xylene
Concen: 24.436 ug/L
RT: 12.164 min Scan# 1683
Delta R.T. -0.000 min
Lab File: VW021986.D
Acq: 17 Jan 2022 19:47

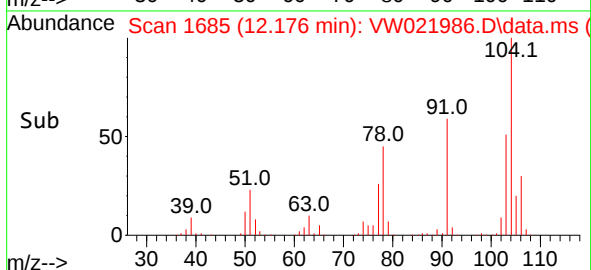
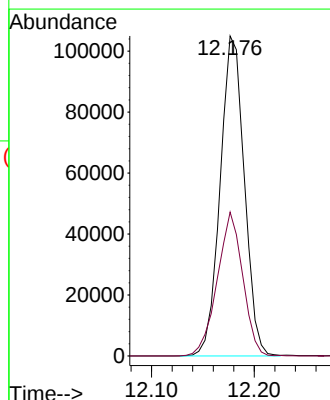
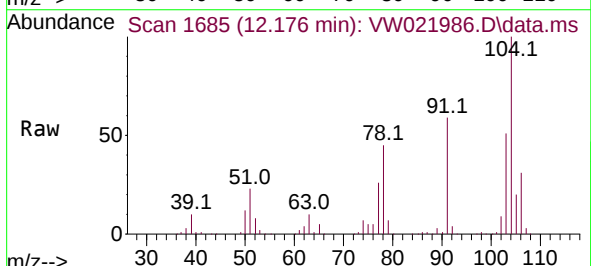
Instrument :
MSVOA_W
ClientSampleId :
VSTD025543

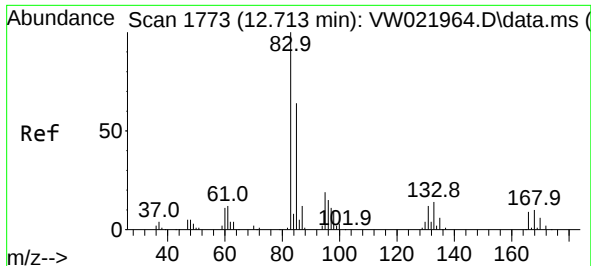
Tgt Ion:106 Resp: 103867
Ion Ratio Lower Upper
106 100
91 199.2 153.6 285.3



#55
Styrene
Concen: 24.396 ug/L
RT: 12.176 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VW021986.D
Acq: 17 Jan 2022 19:47

Tgt Ion:104 Resp: 171198
Ion Ratio Lower Upper
104 100
78 44.9 34.4 64.0





#57

1,1,2,2-Tetrachloroethane

Concen: 25.164 ug/L

RT: 12.713 min Scan# 1773

Delta R.T. -0.000 min

Lab File: VW021986.D

Acq: 17 Jan 2022 19:47

Instrument :

MSVOA_W

ClientSampleId :

VSTD025543

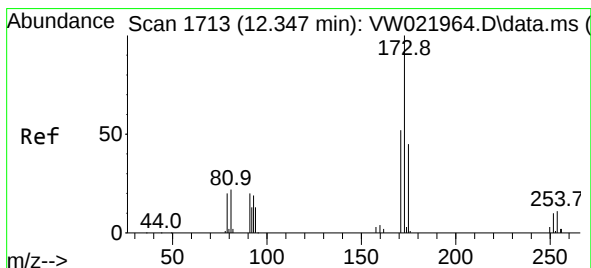
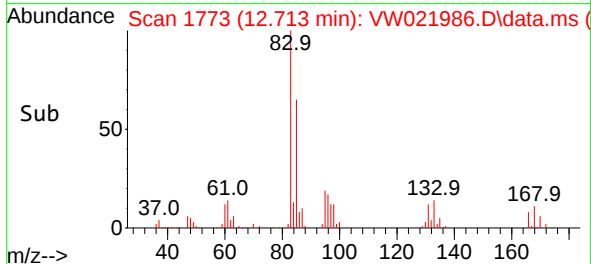
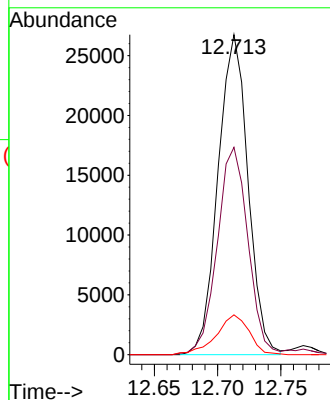
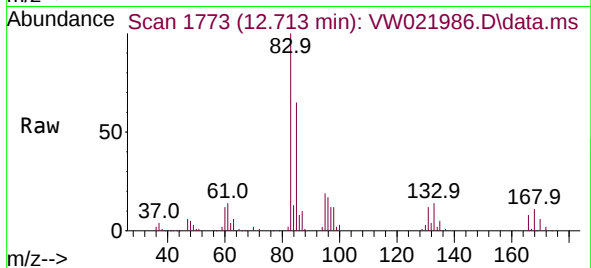
Tgt Ion: 83 Resp: 44011

Ion Ratio Lower Upper

83 100

85 64.8 44.0 81.6

131 12.4 6.9 10.3#



#59

Bromoform

Concen: 25.339 ug/L

RT: 12.347 min Scan# 1713

Delta R.T. -0.000 min

Lab File: VW021986.D

Acq: 17 Jan 2022 19:47

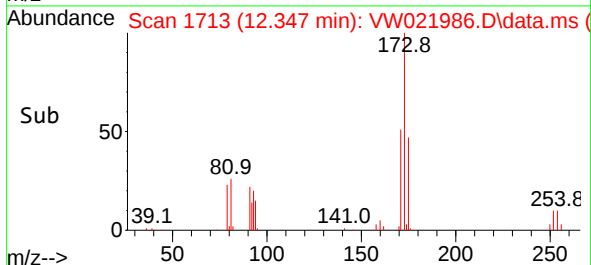
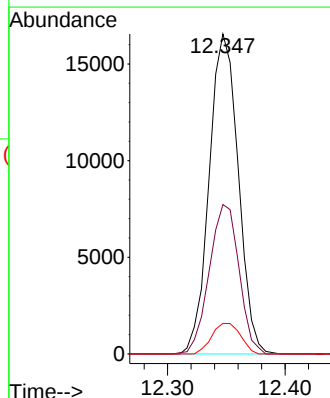
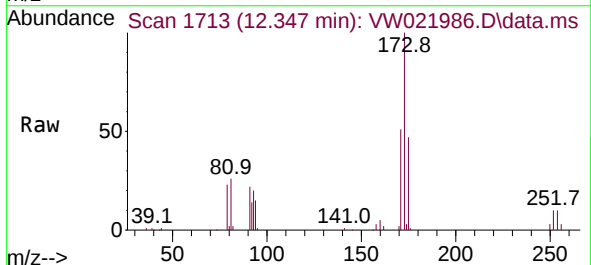
Tgt Ion:173 Resp: 28429

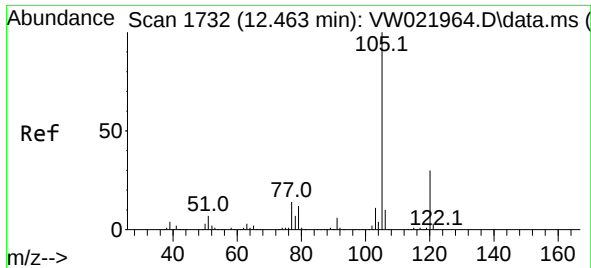
Ion Ratio Lower Upper

173 100

175 47.8 39.6 59.4

254 9.5 7.4 11.0

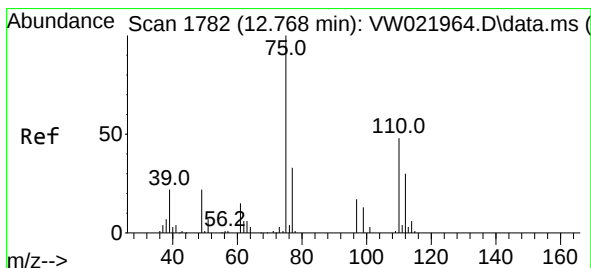
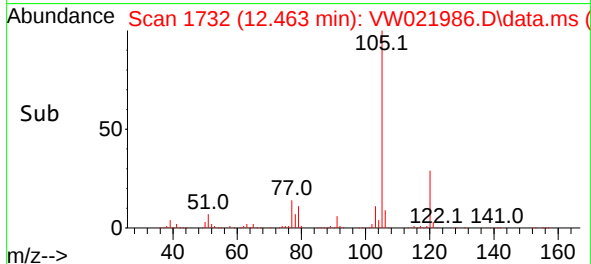
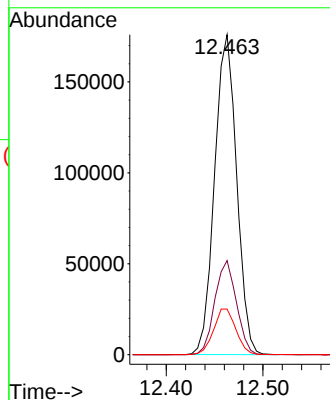
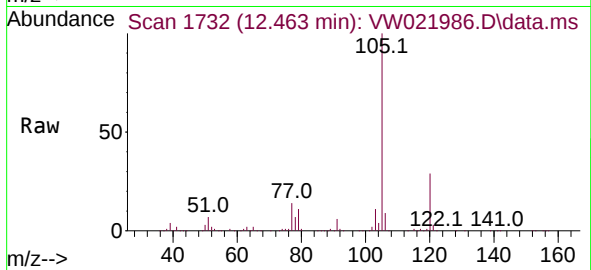




#60
Isopropylbenzene
Concen: 24.865 ug/L
RT: 12.463 min Scan# 1732
Delta R.T. -0.000 min
Lab File: VW021986.D
Acq: 17 Jan 2022 19:47

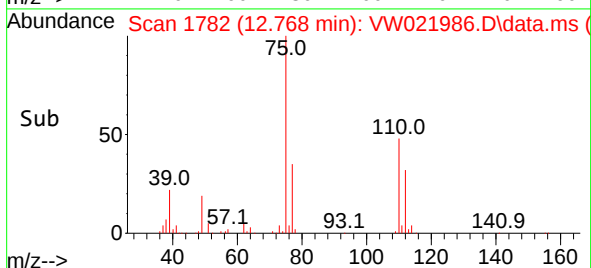
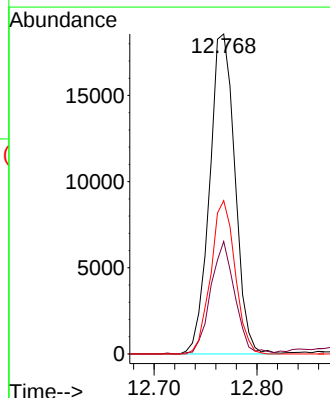
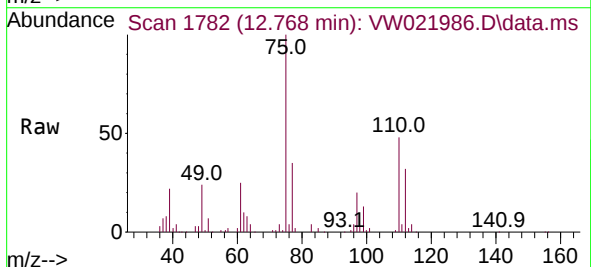
Instrument :
MSVOA_W
ClientSampleId :
VSTD025543

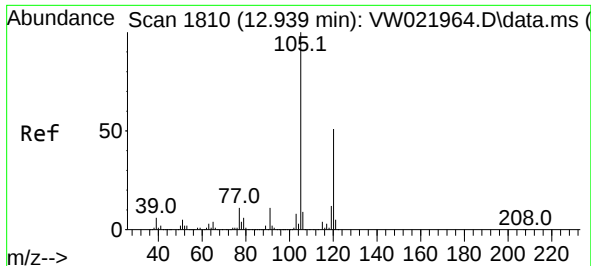
Tgt Ion:105 Resp: 278629
Ion Ratio Lower Upper
105 100
120 28.9 20.1 30.1
77 14.5 13.8 20.8



#61
1,2,3-Trichloropropane
Concen: 27.120 ug/L
RT: 12.768 min Scan# 1782
Delta R.T. -0.000 min
Lab File: VW021986.D
Acq: 17 Jan 2022 19:47

Tgt Ion: 75 Resp: 31893
Ion Ratio Lower Upper
75 100
77 32.9 25.8 38.8
110 45.8 29.0 43.4#





#62

1,3,5-Trimethylbenzene

Concen: 25.320 ug/L

RT: 12.938 min Scan# 1810

Delta R.T. -0.000 min

Lab File: VW021986.D

Acq: 17 Jan 2022 19:47

Instrument :

MSVOA_W

ClientSampleId :

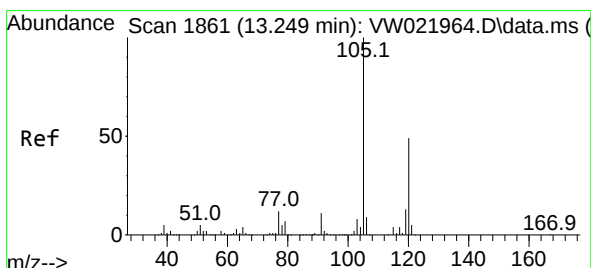
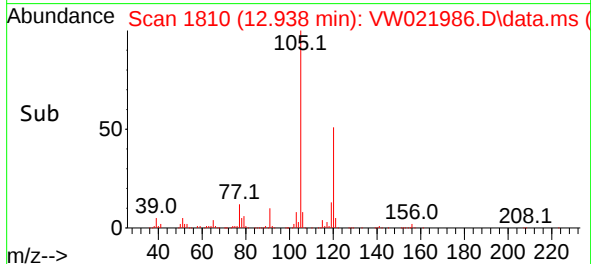
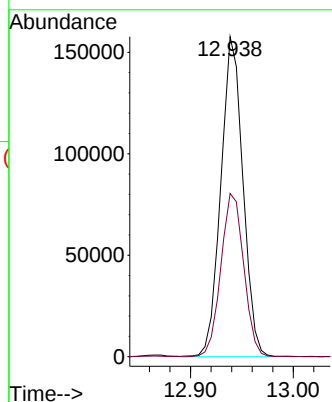
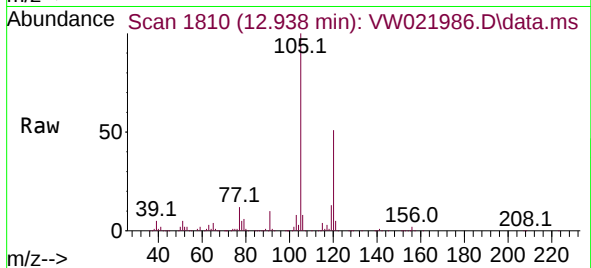
VSTD025543

Tgt Ion:105 Resp: 234954

Ion Ratio Lower Upper

105 100

120 52.8 37.4 56.2



#63

1,2,4-Trimethylbenzene

Concen: 25.279 ug/L

RT: 13.249 min Scan# 1861

Delta R.T. -0.000 min

Lab File: VW021986.D

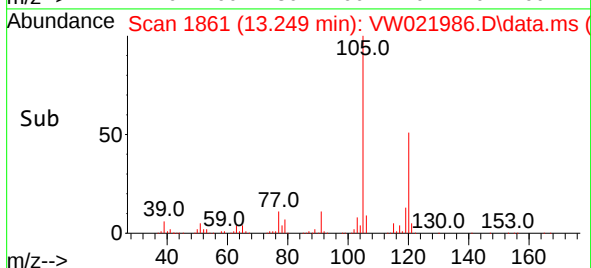
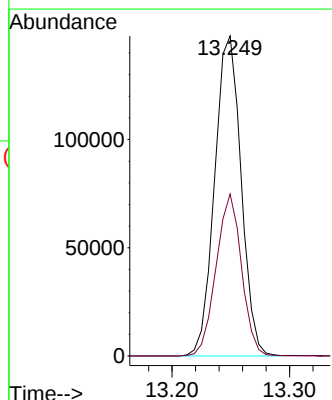
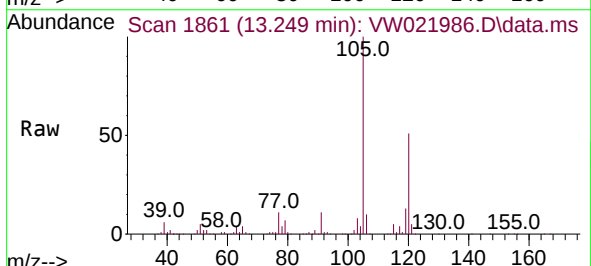
Acq: 17 Jan 2022 19:47

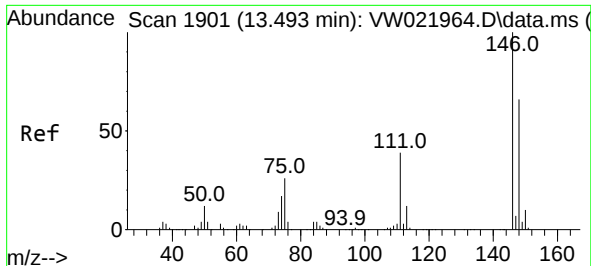
Tgt Ion:105 Resp: 231351

Ion Ratio Lower Upper

105 100

120 48.5 35.0 52.6





#64

1,3-Dichlorobenzene

Concen: 23.368 ug/L

RT: 13.499 min Scan# 1902

Delta R.T. 0.006 min

Lab File: VW021986.D

Acq: 17 Jan 2022 19:47

Instrument :

MSVOA_W

ClientSampleId :

VSTD025543

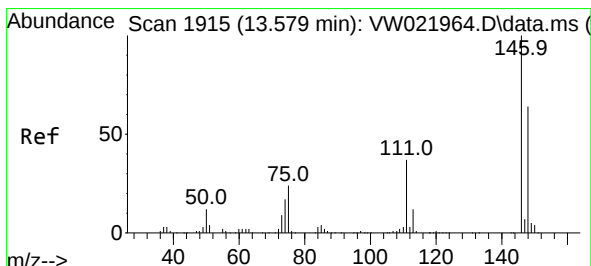
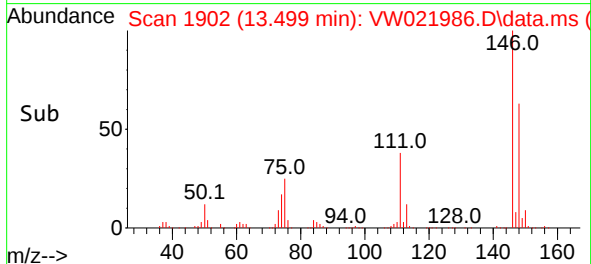
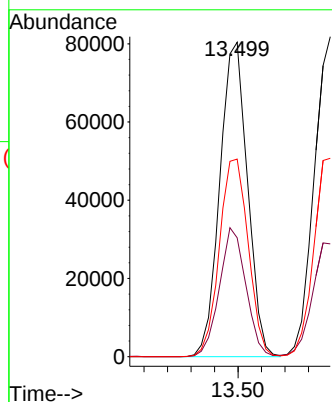
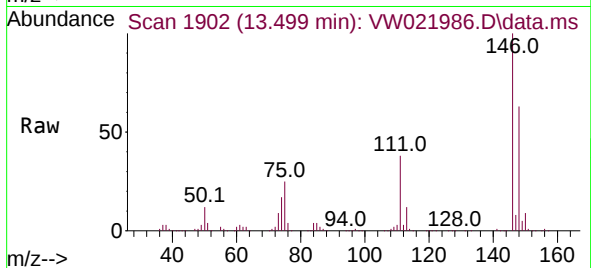
Tgt Ion:146 Resp: 131652

Ion Ratio Lower Upper

146 100

111 37.8 29.8 55.3

148 62.9 46.2 85.8



#65

1,4-Dichlorobenzene

Concen: 23.413 ug/L

RT: 13.579 min Scan# 1915

Delta R.T. -0.000 min

Lab File: VW021986.D

Acq: 17 Jan 2022 19:47

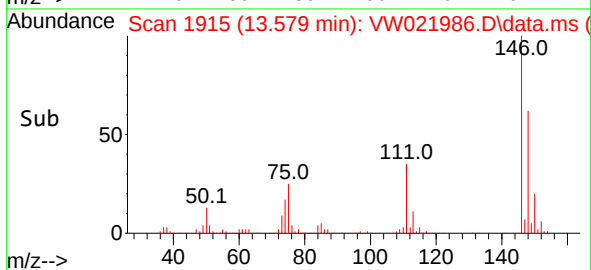
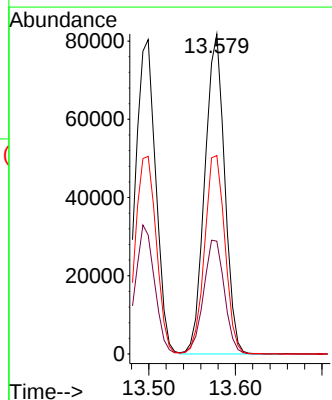
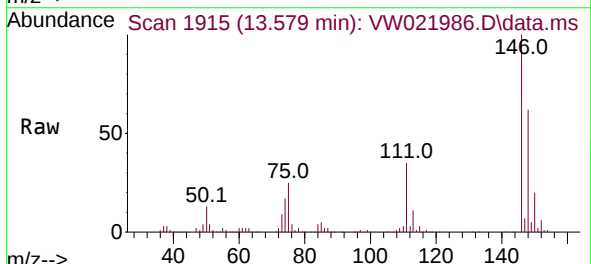
Tgt Ion:146 Resp: 130240

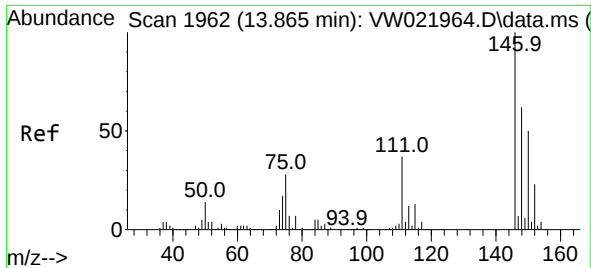
Ion Ratio Lower Upper

146 100

111 35.3 29.0 53.9

148 62.0 46.9 87.1





#67

1,2-Dichlorobenzene

Concen: 24.091 ug/L

RT: 13.865 min Scan# 1962

Delta R.T. -0.000 min

Lab File: VW021986.D

Acq: 17 Jan 2022 19:47

Instrument :

MSVOA_W

ClientSampleId :

VSTD025543

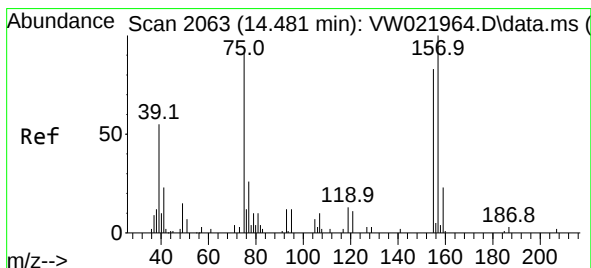
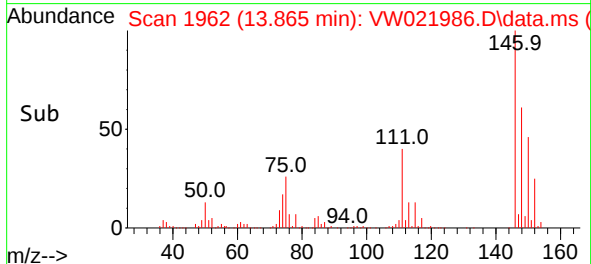
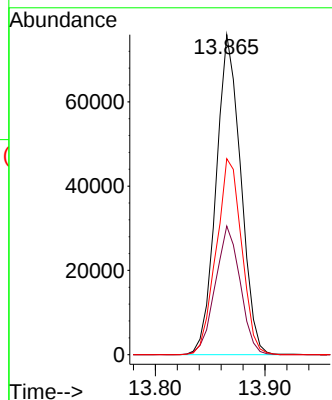
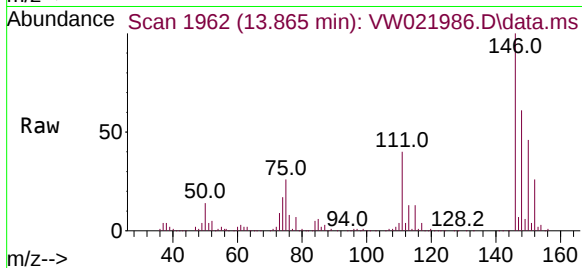
Tgt Ion:146 Resp: 118837

Ion Ratio Lower Upper

146 100

111 40.2 33.1 49.7

148 61.2 47.4 71.2



#68

1,2-Dibromo-3-chloropropane

Concen: 26.130 ug/L

RT: 14.481 min Scan# 2063

Delta R.T. -0.000 min

Lab File: VW021986.D

Acq: 17 Jan 2022 19:47

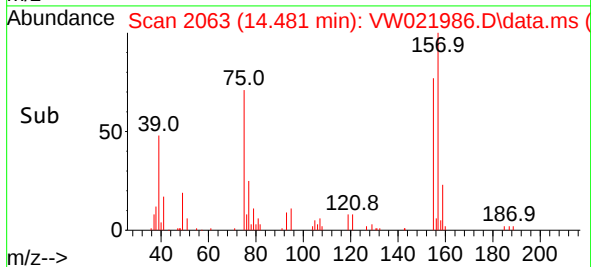
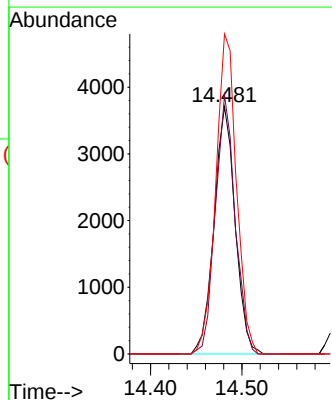
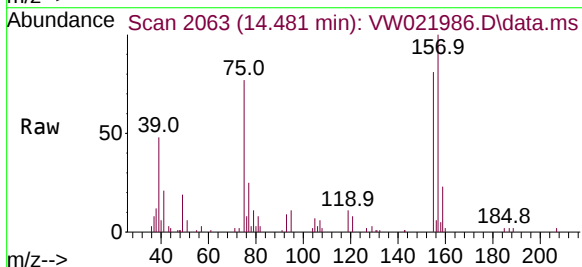
Tgt Ion: 75 Resp: 5934

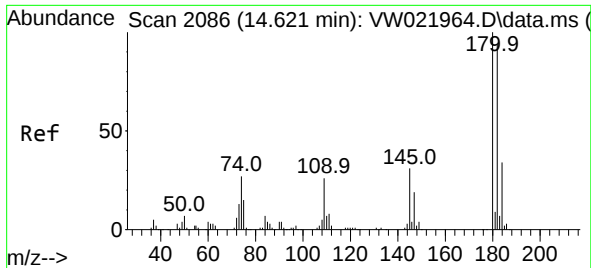
Ion Ratio Lower Upper

75 100

155 104.6 54.2 81.2#

157 129.4 69.4 104.2#

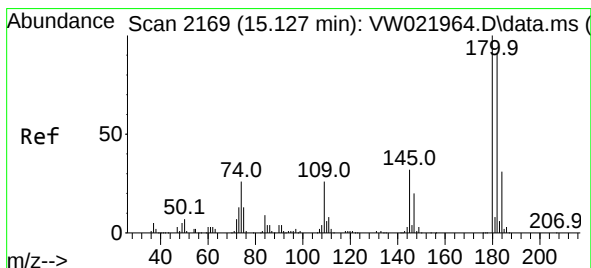
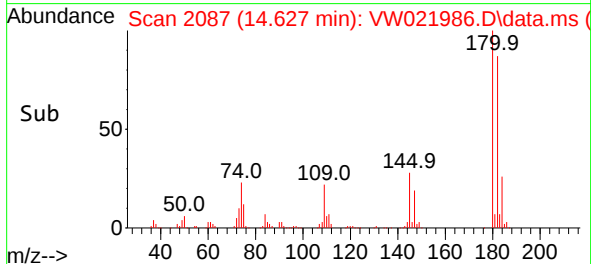
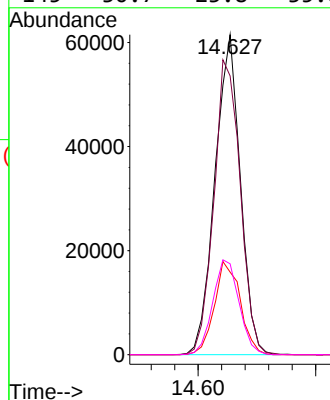
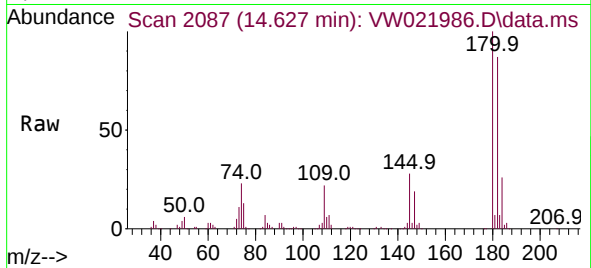




#69
1,3,5-Trichlorobenzene
Concen: 22.014 ug/L
RT: 14.627 min Scan# 2086
Delta R.T. 0.006 min
Lab File: VW021986.D
Acq: 17 Jan 2022 19:47

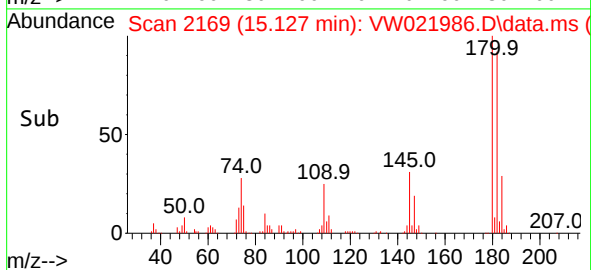
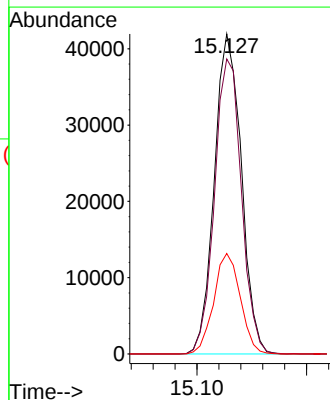
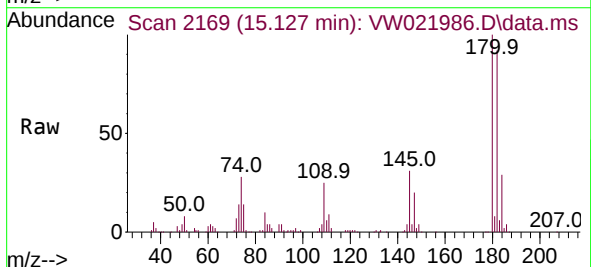
Instrument :
MSVOA_W
ClientSampleId :
VSTD025543

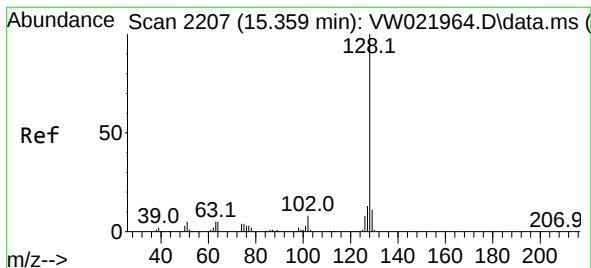
Tgt Ion:180 Resp: 92181
Ion Ratio Lower Upper
180 100
182 95.8 75.4 113.0
184 29.8 23.8 35.8
145 30.7 23.8 35.8



#70
1,2,4-trichlorobenzene
Concen: 21.484 ug/L
RT: 15.127 min Scan# 2169
Delta R.T. -0.000 min
Lab File: VW021986.D
Acq: 17 Jan 2022 19:47

Tgt Ion:180 Resp: 71683
Ion Ratio Lower Upper
180 100
182 92.0 79.0 118.6
145 30.9 26.0 39.0

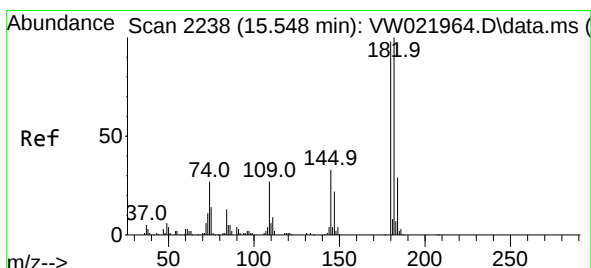
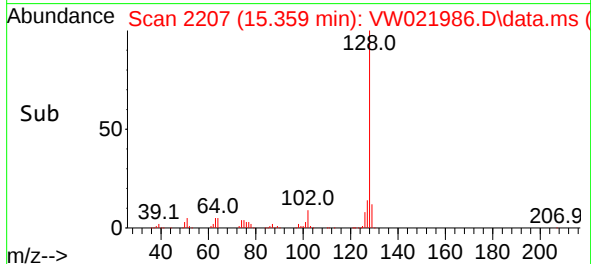
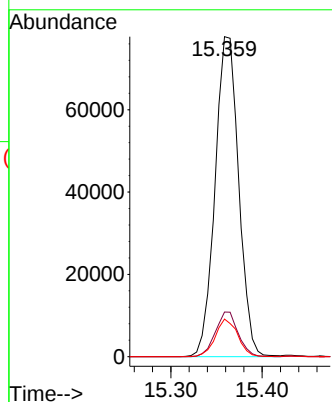
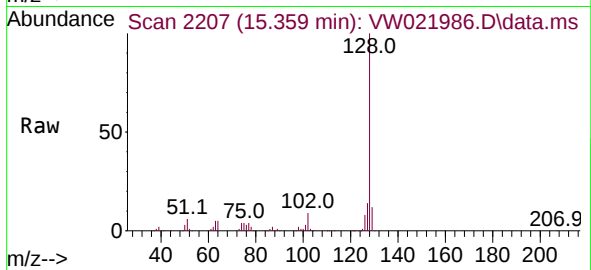




#71
Naphthalene
Concen: 27.182 ug/L
RT: 15.359 min Scan# 21
Delta R.T. -0.000 min
Lab File: VW021986.D
Acq: 17 Jan 2022 19:47

Instrument :
MSVOA_W
ClientSampleId :
VSTD025543

Tgt Ion:128 Resp: 139902
Ion Ratio Lower Upper
128 100
127 13.5 10.7 16.1
129 11.2 8.6 12.8



#72
1,2,3-Trichlorobenzene
Concen: 21.234 ug/L
RT: 15.554 min Scan# 2239
Delta R.T. 0.006 min
Lab File: VW021986.D
Acq: 17 Jan 2022 19:47

Tgt Ion:180 Resp: 58508
Ion Ratio Lower Upper
180 100
182 99.7 76.6 114.8
145 33.8 27.4 41.0

