

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW010722\
 Data File : VW021786.D
 Acq On : 07 Jan 2022 19:30
 Operator : SY/VA
 Sample : VSTDCCC025
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025525

Quant Time: Jan 07 22:04:09 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM122821SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Jan 07 21:59:54 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	149907	25.000	ug/L	# 0.00
28) Chlorobenzene-d5	11.634	117	148765	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.560	152	85621	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.349	65	55524	18.786	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	75.160%
7) Chloroethane-d5	2.885	69	46460	23.338	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	93.360%
11) 1,1-Dichloroethene-d2	4.019	63	98068	22.673	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	90.680%
21) 2-Butanone-d5	7.086	46	19570	45.257	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	90.520%
24) Chloroform-d	7.653	84	113284	24.192	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	96.760%
26) 1,2-Dichloroethane-d4	8.305	65	55051	22.264	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	89.040%
32) Benzene-d6	8.275	84	222128	25.147	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	100.600%
36) 1,2-Dichloropropane-d6	9.274	67	59311	24.751	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	99.000%
41) Toluene-d8	10.323	98	220657	25.072	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	100.280%
43) trans-1,3-Dichloroprop...	10.579	79	25037	21.472	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	85.880%
47) 2-Hexanone-d5	10.927	63	18132	49.893	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	99.780%
56) 1,1,2,2-Tetrachloroeth...	12.689	84	49212	24.910	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	99.640%
66) 1,2-Dichlorobenzene-d4	13.853	152	84893	25.928	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	103.720%
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.008	85	16600	18.675	ug/L	97
3) Chloromethane	2.215	50	48392	21.078	ug/L	98
5) Vinyl chloride	2.361	62	71025	20.975	ug/L	98
6) Bromomethane	2.782	94	54356	24.670	ug/L	96
8) Chloroethane	2.922	64	39176	24.279	ug/L	95
9) Trichlorofluoromethane	3.257	101	51616	25.335	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.068	101	60031	24.194	ug/L	90
12) 1,1-Dichloroethene	4.044	96	55630	25.067	ug/L	70
13) Acetone	4.147	43	14383	39.174	ug/L	88
14) Carbon disulfide	4.385	76	144411	22.487	ug/L	98
15) Methyl Acetate	4.684	43	16625	23.732	ug/L	# 85
16) Methylene chloride	4.916	84	57992	21.670	ug/L	78
17) trans-1,2-Dichloroethene	5.428	96	59578	25.413	ug/L	78
18) Methyl tert-butyl Ether	5.434	73	81969	25.110	ug/L	# 89
19) 1,1-Dichloroethane	6.220	63	90532	24.752	ug/L	97
20) cis-1,2-Dichloroethene	7.171	96	63159	25.953	ug/L	71
22) 2-Butanone	7.183	43	20513	41.097	ug/L	# 75
23) Bromochloromethane	7.519	128	31127	26.461	ug/L	# 58
25) Chloroform	7.677	83	107089	25.382	ug/L	99

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 Response via : Initial Calibration

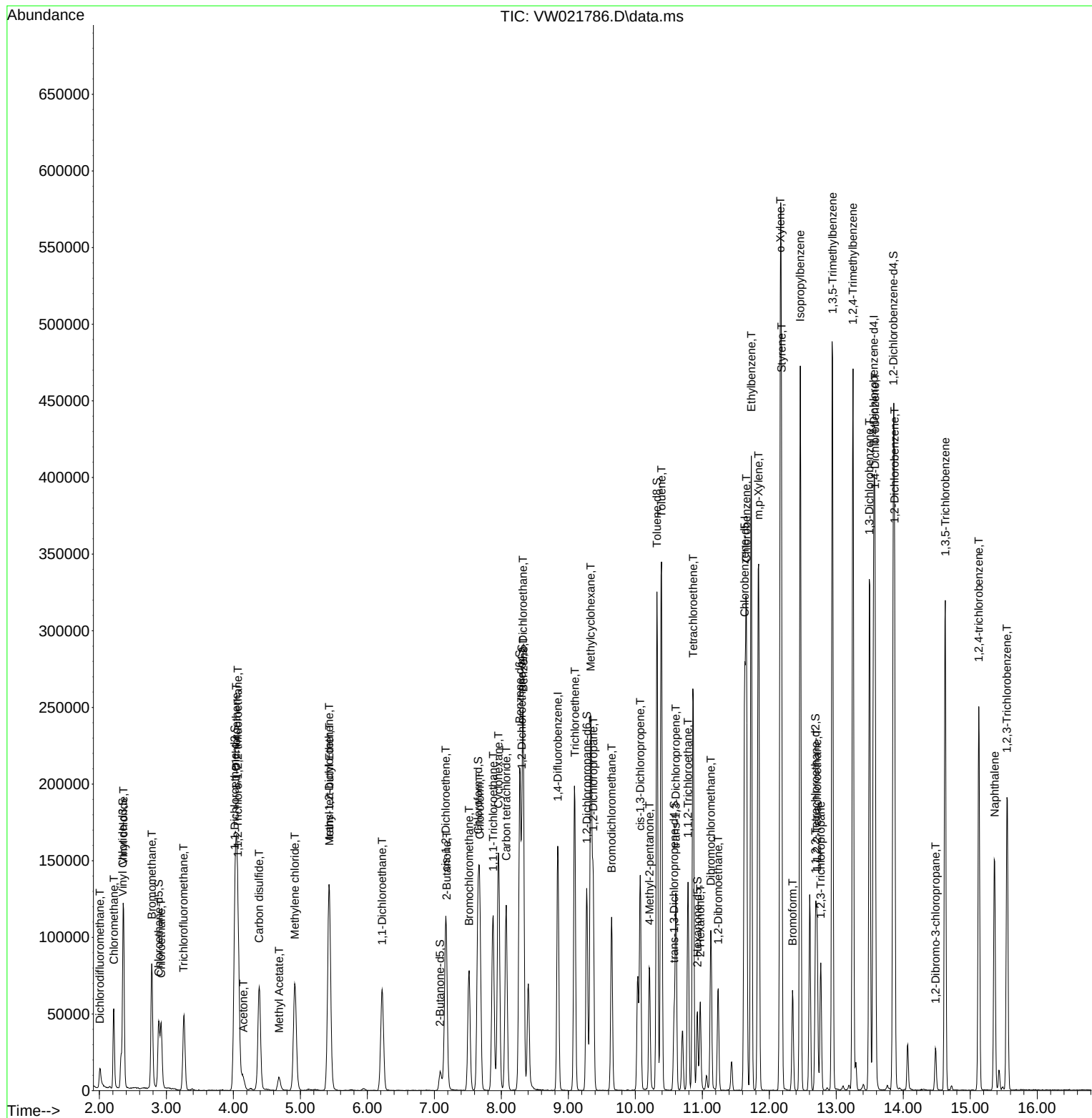
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.323	62	1955	0.714	ug/L	98
29) Cyclohexane	7.958	56	85258	24.782	ug/L #	76
30) 1,1,1-Trichloroethane	7.878	97	95033	24.212	ug/L #	92
31) Carbon tetrachloride	8.073	117	93949	24.614	ug/L	98
33) Benzene	8.330	78	226766	24.983	ug/L	100
34) Trichloroethene	9.098	95	64642	25.087	ug/L	86
35) Methylcyclohexane	9.335	83	110705	26.040	ug/L #	80
37) 1,2-Dichloropropane	9.372	63	50255	24.982	ug/L #	95
38) Bromodichloromethane	9.646	83	71661	23.339	ug/L #	94
39) cis-1,3-Dichloropropene	10.073	75	81854	24.904	ug/L	96
40) 4-Methyl-2-pentanone	10.213	43	47937	43.258	ug/L #	84
42) Toluene	10.390	91	264541	25.247	ug/L	97
44) trans-1,3-Dichloropropene	10.604	75	69311	23.471	ug/L	98
45) 1,1,2-Trichloroethane	10.786	97	43360	25.951	ug/L	94
46) Tetrachloroethene	10.866	164	64987	26.932	ug/L	92
48) 2-Hexanone	10.969	43	33703	44.785	ug/L #	87
49) Dibromochloromethane	11.128	129	56593	25.209	ug/L	99
50) 1,2-Dibromoethane	11.238	107	42747	25.474	ug/L #	100
51) Chlorobenzene	11.658	112	180230	26.659	ug/L #	88
52) Ethylbenzene	11.731	91	292139	24.838	ug/L	97
53) m,p-Xylene	11.841	106	125305	26.588	ug/L	82
54) o-Xylene	12.164	106	114999	25.745	ug/L	90
55) Styrene	12.183	104	189170	24.660	ug/L	87
57) 1,1,2,2-Tetrachloroethane	12.713	83	45732	24.743	ug/L #	98
59) Bromoform	12.347	173	29671	23.745	ug/L #	98
60) Isopropylbenzene	12.463	105	311160	26.070	ug/L	93
61) 1,2,3-Trichloropropane	12.768	75	32283	24.640	ug/L #	88
62) 1,3,5-Trimethylbenzene	12.945	105	266747	26.435	ug/L	91
63) 1,2,4-Trimethylbenzene	13.249	105	262342	26.174	ug/L	92
64) 1,3-Dichlorobenzene	13.493	146	150395	26.688	ug/L	93
65) 1,4-Dichlorobenzene	13.579	146	142679	25.392	ug/L	92
67) 1,2-Dichlorobenzene	13.871	146	129785	26.379	ug/L	96
68) 1,2-Dibromo-3-chloropr...	14.481	75	6215	21.543	ug/L #	59
69) 1,3,5-Trichlorobenzene	14.627	180	105473	25.479	ug/L	99
70) 1,2,4-trichlorobenzene	15.127	180	84861	25.682	ug/L	94
71) Naphthalene	15.365	128	142496	26.504	ug/L	100
72) 1,2,3-Trichlorobenzene	15.548	180	70032	25.177	ug/L	99

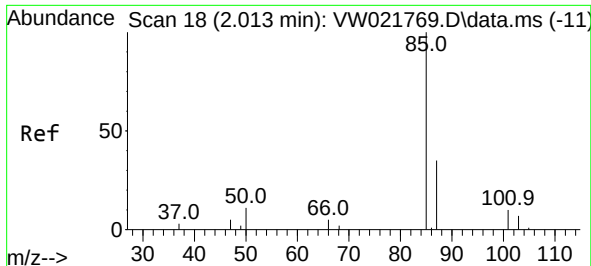
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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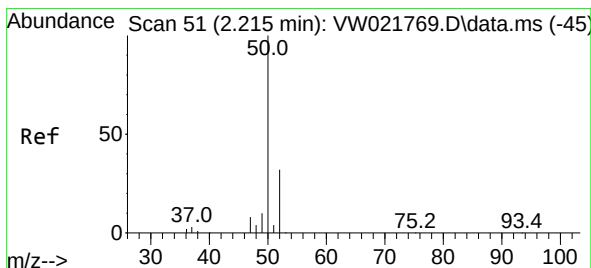
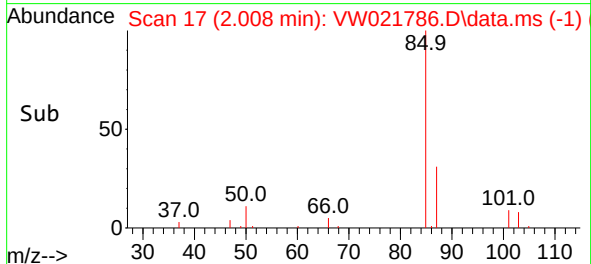
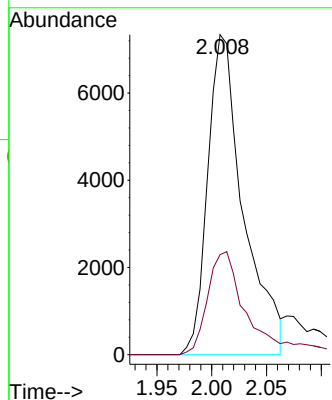
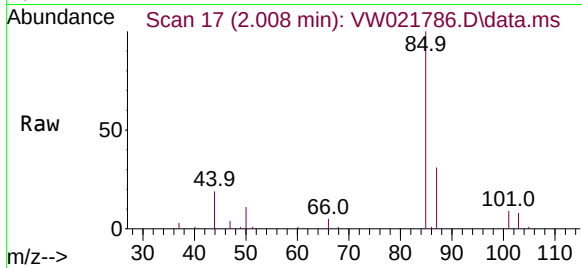




#2
 Dichlorodifluoromethane
 Concen: 18.675 ug/L
 RT: 2.008 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: VW021786.D
 Acq: 07 Jan 2022 19:30

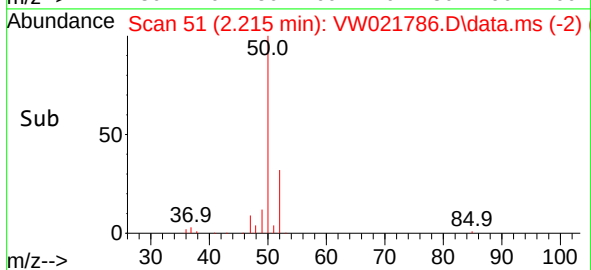
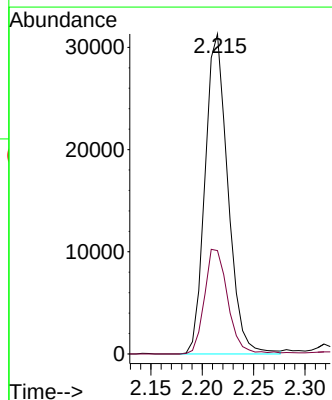
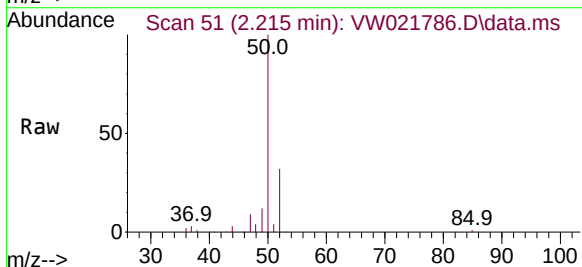
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025525

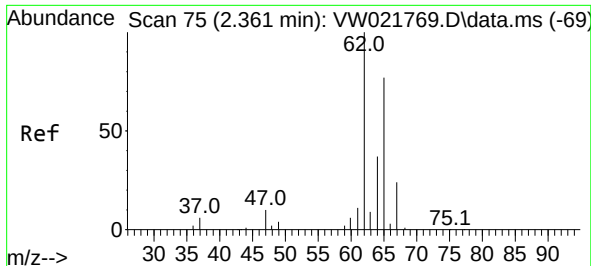
Tgt Ion: 85 Resp: 16600
 Ion Ratio Lower Upper
 85 100
 87 33.9 25.8 38.6



#3
 Chloromethane
 Concen: 21.078 ug/L
 RT: 2.215 min Scan# 51
 Delta R.T. 0.000 min
 Lab File: VW021786.D
 Acq: 07 Jan 2022 19:30

Tgt Ion: 50 Resp: 48392
 Ion Ratio Lower Upper
 50 100
 52 32.3 23.4 43.6

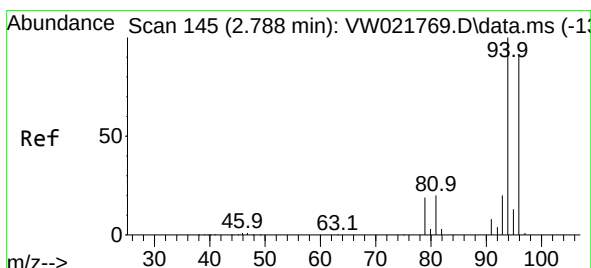
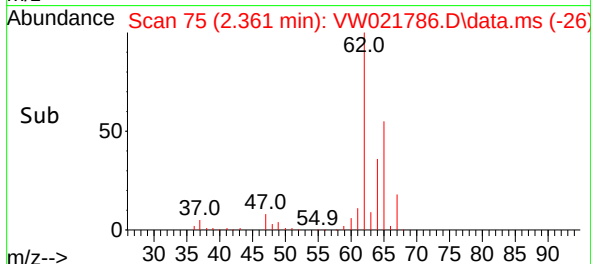
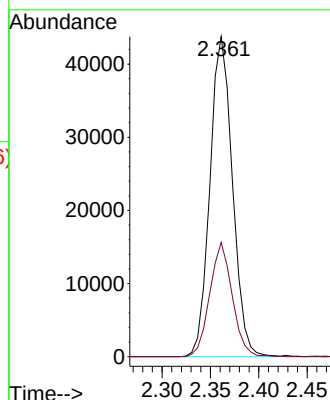
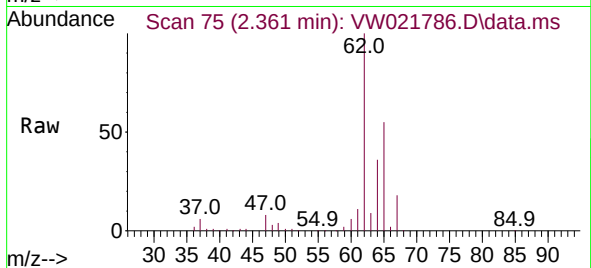




#5
 Vinyl chloride
 Concen: 20.975 ug/L
 RT: 2.361 min Scan# 71
 Delta R.T. 0.000 min
 Lab File: VW021786.D
 Acq: 07 Jan 2022 19:30

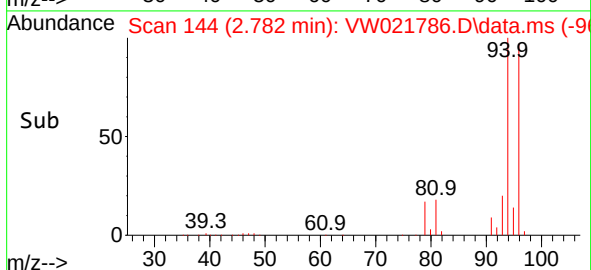
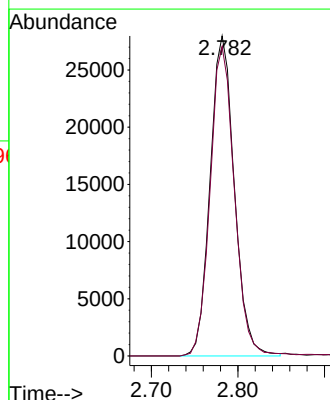
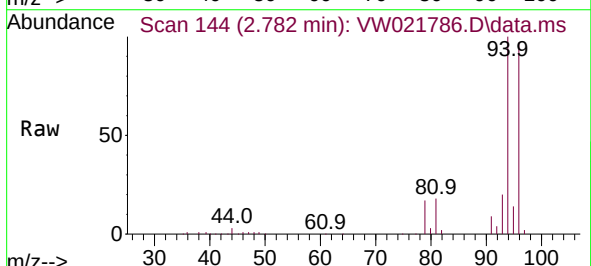
Instrument :
 MSVOA_W
 ClientSampleId :
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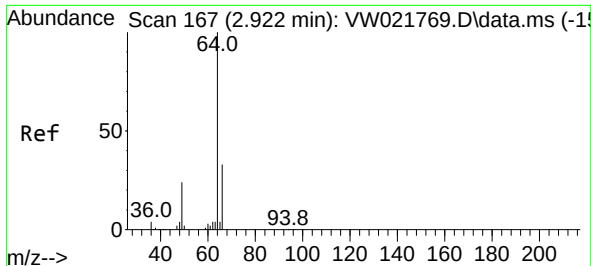
Tgt Ion: 62 Resp: 71025
 Ion Ratio Lower Upper
 62 100
 64 35.7 24.4 45.2



#6
 Bromomethane
 Concen: 24.670 ug/L
 RT: 2.782 min Scan# 144
 Delta R.T. -0.006 min
 Lab File: VW021786.D
 Acq: 07 Jan 2022 19:30

Tgt Ion: 94 Resp: 54356
 Ion Ratio Lower Upper
 94 100
 96 96.7 64.8 120.4

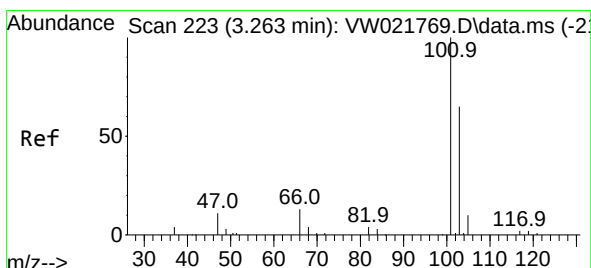
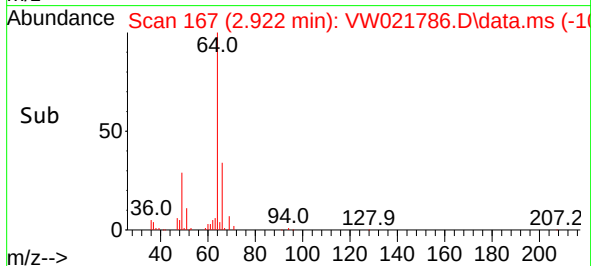
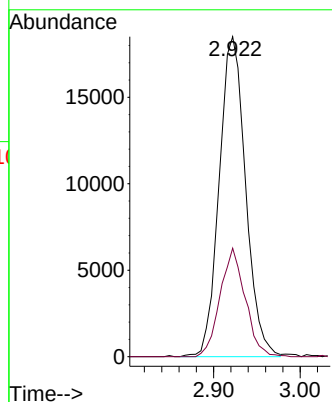
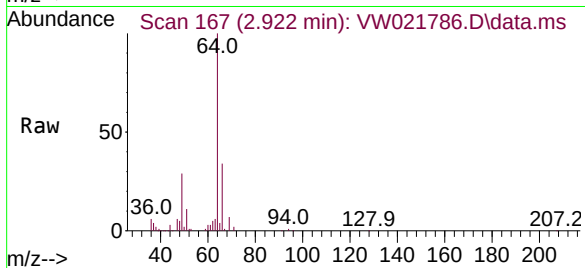




#8
Chloroethane
Concen: 24.279 ug/L
RT: 2.922 min Scan# 1
Delta R.T. 0.000 min
Lab File: VW021786.D
Acq: 07 Jan 2022 19:30

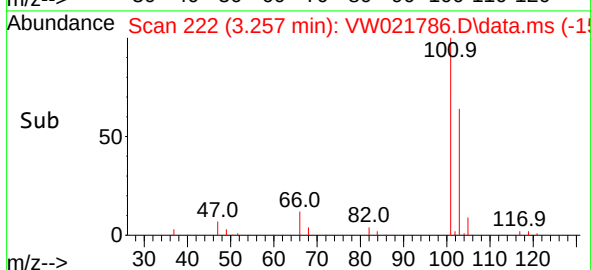
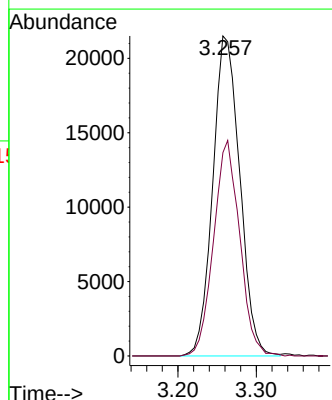
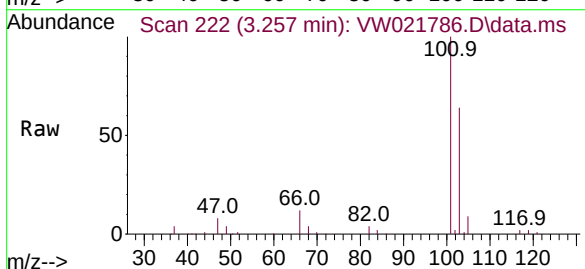
Instrument :
MSVOA_W
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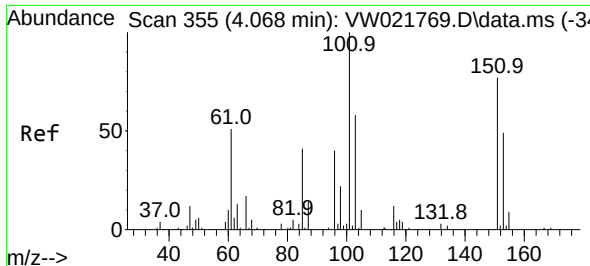
Tgt Ion: 64 Resp: 39176
Ion Ratio Lower Upper
64 100
66 33.9 22.0 40.8



#9
Trichlorofluoromethane
Concen: 25.335 ug/L
RT: 3.257 min Scan# 222
Delta R.T. -0.006 min
Lab File: VW021786.D
Acq: 07 Jan 2022 19:30

Tgt Ion: 101 Resp: 51616
Ion Ratio Lower Upper
101 100
103 64.7 51.4 77.2

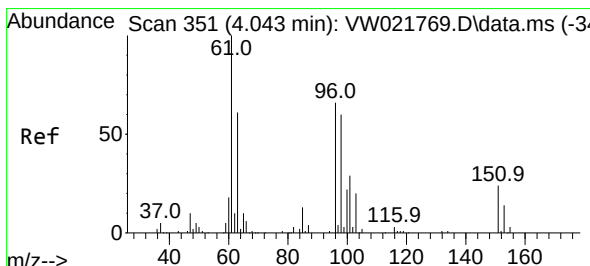
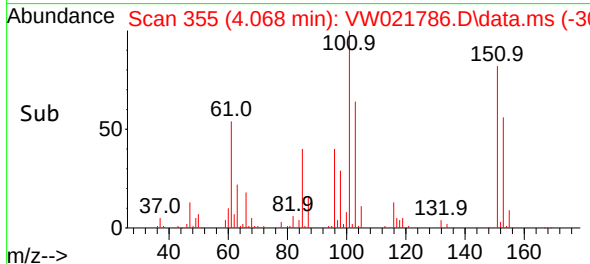
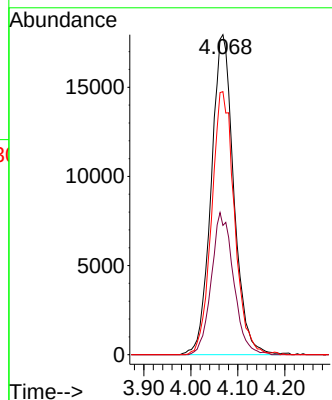
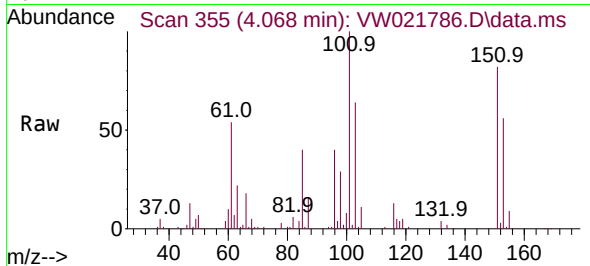




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 24.194 ug/L
 RT: 4.068 min Scan# 31
 Delta R.T. 0.000 min
 Lab File: VW021786.D
 Acq: 07 Jan 2022 19:30

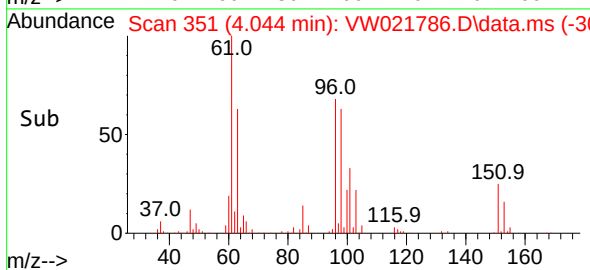
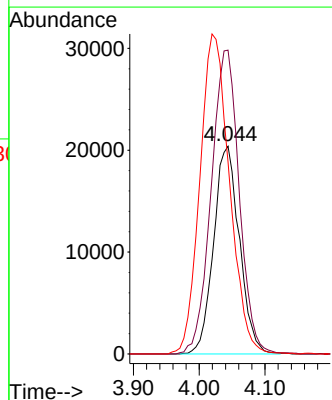
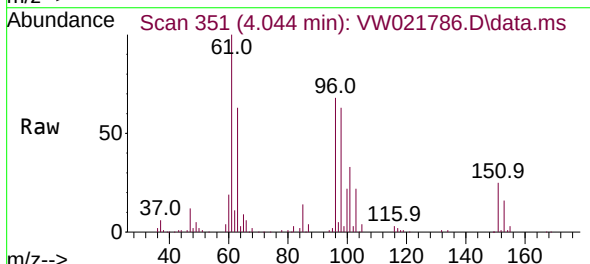
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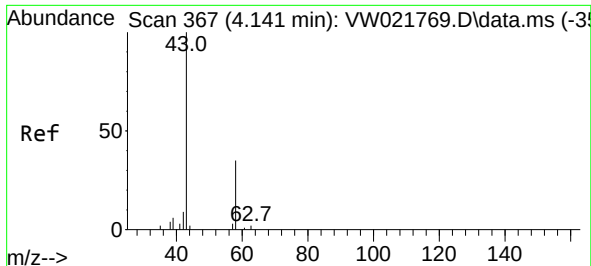
Tgt Ion:101 Resp: 60031
 Ion Ratio Lower Upper
 101 100
 85 43.3 36.6 54.8
 151 82.8 57.4 86.0



#12
 1,1-Dichloroethene
 Concen: 25.067 ug/L
 RT: 4.044 min Scan# 351
 Delta R.T. 0.000 min
 Lab File: VW021786.D
 Acq: 07 Jan 2022 19:30

Tgt Ion: 96 Resp: 55630
 Ion Ratio Lower Upper
 96 100
 61 146.3 138.3 256.9
 63 92.5 82.6 153.4





#13

Acetone

Concen: 39.174 ug/L

RT: 4.147 min Scan# 367

Delta R.T. 0.006 min

Lab File: VW021786.D

Acq: 07 Jan 2022 19:30

Instrument :

MSVOA_W

ClientSampleId :

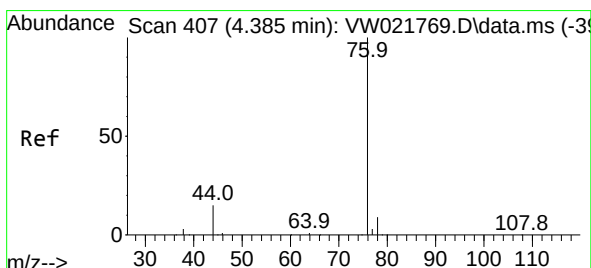
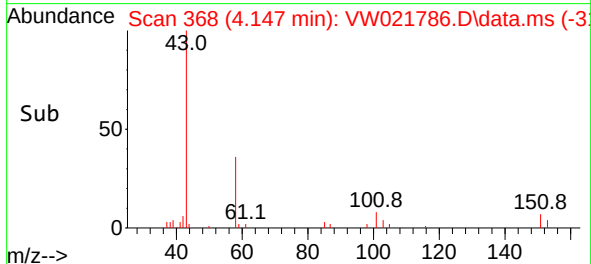
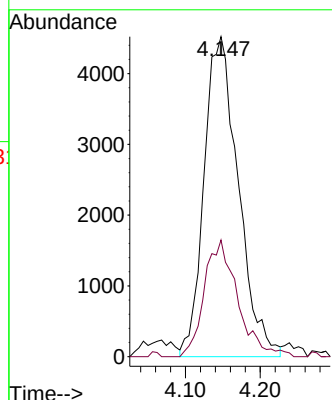
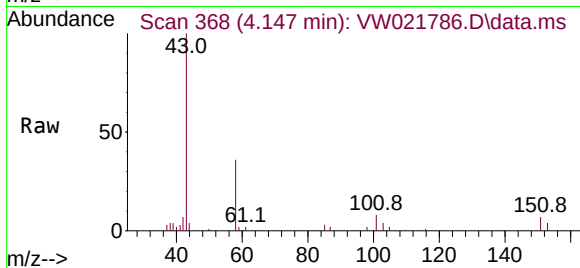
VSTD025525

Tgt Ion: 43 Resp: 14383

Ion Ratio Lower Upper

43 100

58 32.3 0.0 52.8



#14

Carbon disulfide

Concen: 22.487 ug/L

RT: 4.385 min Scan# 407

Delta R.T. 0.000 min

Lab File: VW021786.D

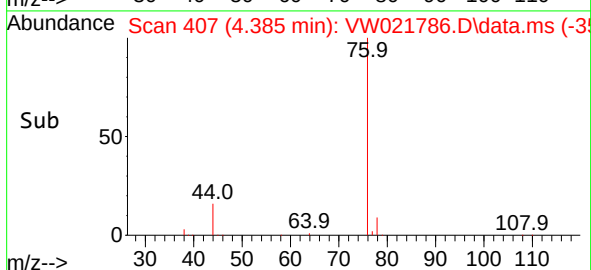
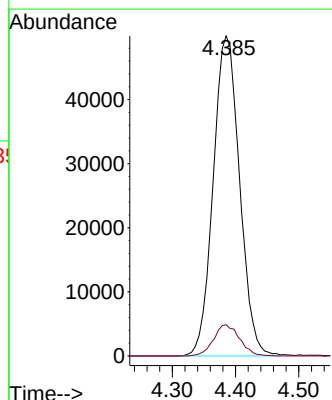
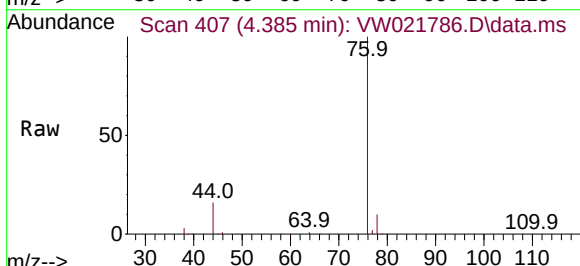
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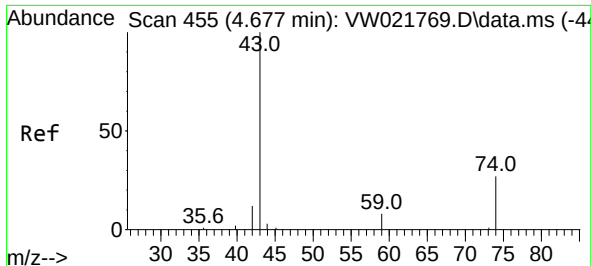
Tgt Ion: 76 Resp: 144411

Ion Ratio Lower Upper

76 100

78 9.7 7.1 10.7

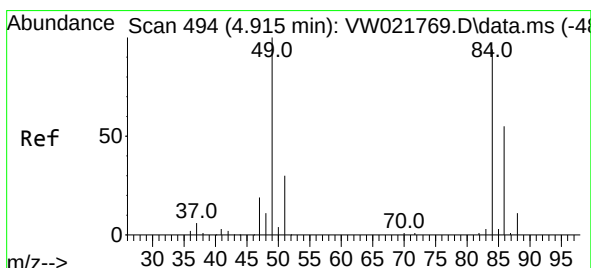
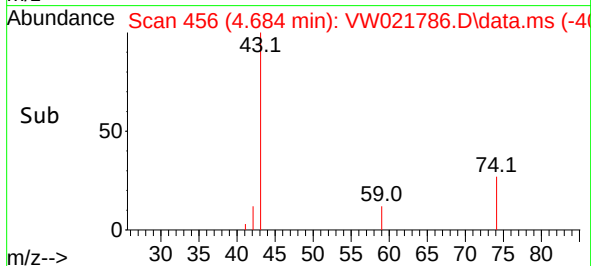
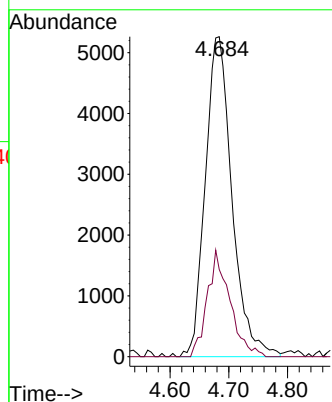
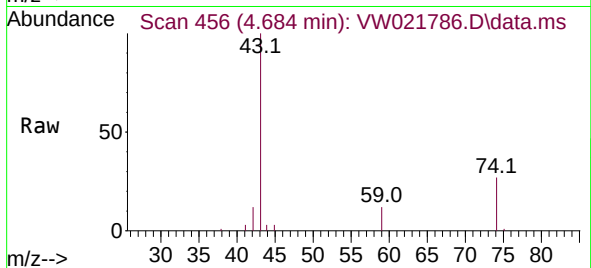




#15
Methyl Acetate
Concen: 23.732 ug/L
RT: 4.684 min Scan# 41
Delta R.T. 0.006 min
Lab File: VW021786.D
Acq: 07 Jan 2022 19:30

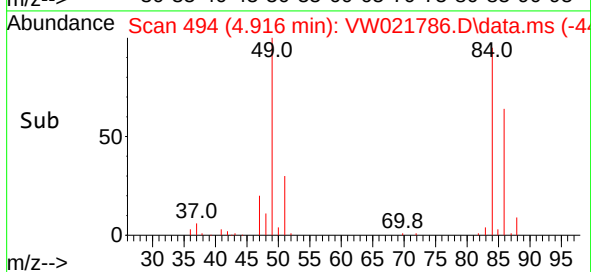
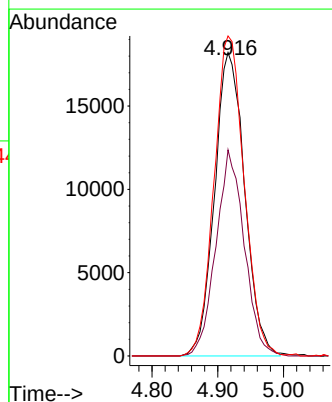
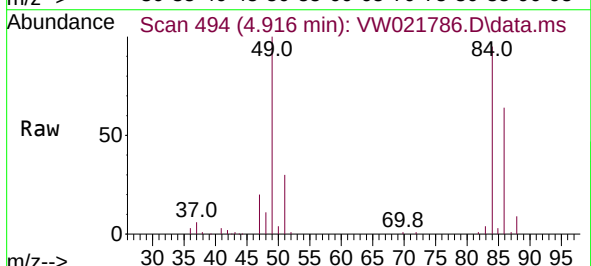
Instrument :
MSVOA_W
ClientSampleId :
VSTD025525

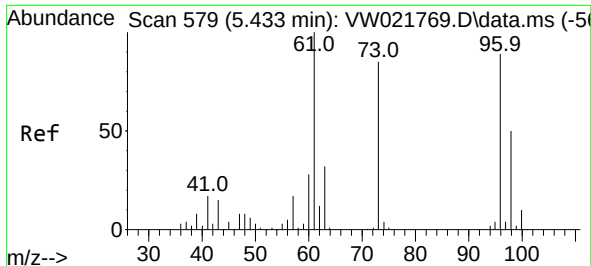
Tgt Ion: 43 Resp: 16625
Ion Ratio Lower Upper
43 100
74 27.6 16.4 24.6#



#16
Methylene chloride
Concen: 21.670 ug/L
RT: 4.916 min Scan# 494
Delta R.T. 0.000 min
Lab File: VW021786.D
Acq: 07 Jan 2022 19:30

Tgt Ion: 84 Resp: 57992
Ion Ratio Lower Upper
84 100
86 67.9 45.5 84.5
49 105.5 100.5 186.7





#17

trans-1,2-Dichloroethene

Concen: 25.413 ug/L

RT: 5.428 min Scan# 5

Delta R.T. -0.006 min

Lab File: VW021786.D

Acq: 07 Jan 2022 19:30

Instrument :

MSVOA_W

ClientSampleId :

VSTD025525

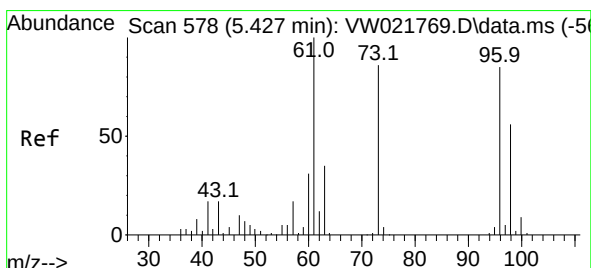
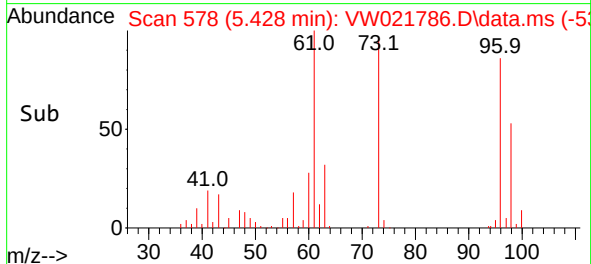
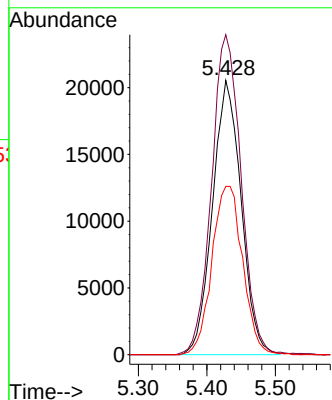
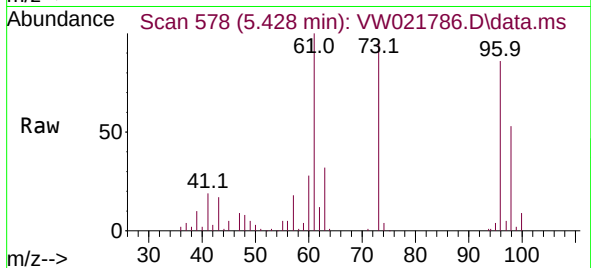
Tgt Ion: 96 Resp: 59578

Ion Ratio Lower Upper

96 100

61 116.7 107.4 199.4

98 61.4 41.2 76.6



#18

Methyl tert-butyl Ether

Concen: 25.110 ug/L

RT: 5.434 min Scan# 579

Delta R.T. 0.006 min

Lab File: VW021786.D

Acq: 07 Jan 2022 19:30

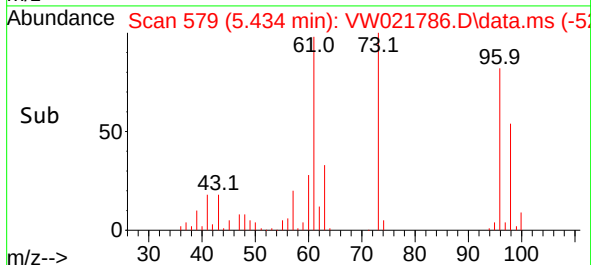
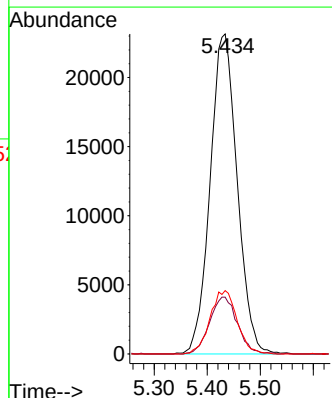
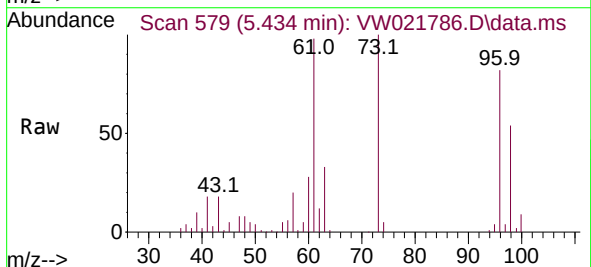
Tgt Ion: 73 Resp: 81969

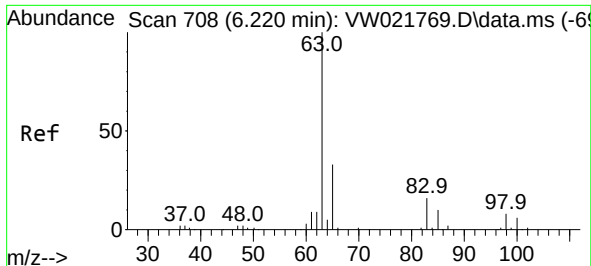
Ion Ratio Lower Upper

73 100

43 18.1 19.5 29.3#

57 19.8 19.3 28.9





#19

1,1-Dichloroethane

Concen: 24.752 ug/L

RT: 6.220 min Scan# 708

Delta R.T. 0.000 min

Lab File: VW021786.D

Acq: 07 Jan 2022 19:30

Instrument :

MSVOA_W

ClientSampleId :

VSTD025525

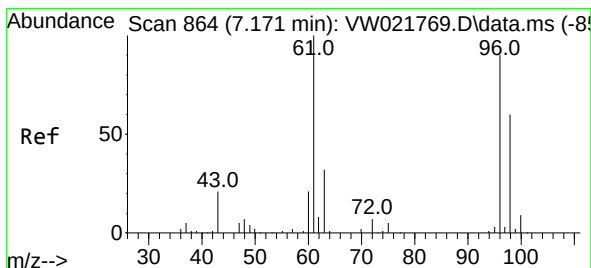
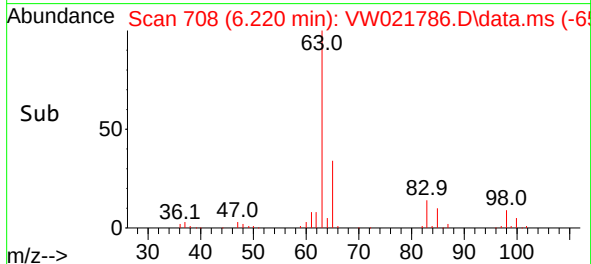
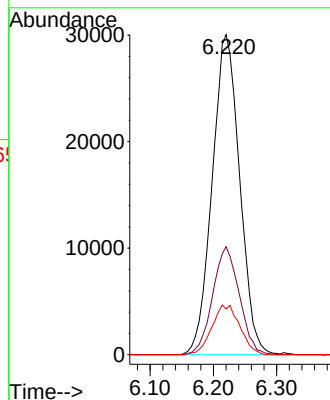
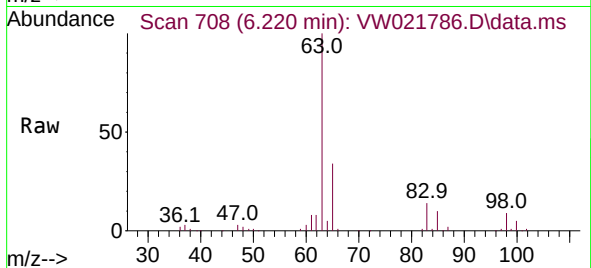
Tgt Ion: 63 Resp: 90532

Ion Ratio Lower Upper

63 100

65 33.7 22.1 41.1

83 14.2 9.2 17.2



#20

cis-1,2-Dichloroethene

Concen: 25.953 ug/L

RT: 7.171 min Scan# 864

Delta R.T. 0.000 min

Lab File: VW021786.D

Acq: 07 Jan 2022 19:30

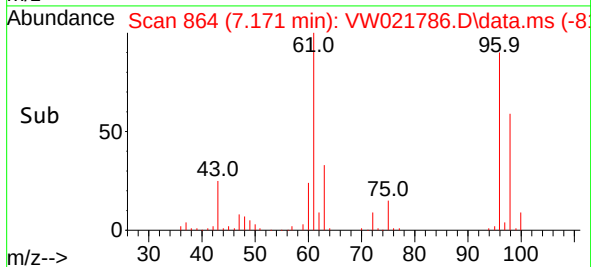
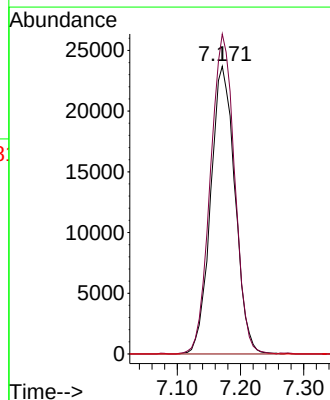
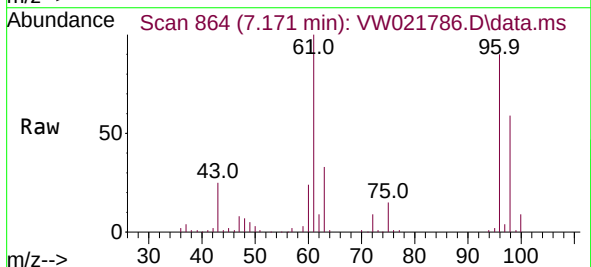
Tgt Ion: 96 Resp: 63159

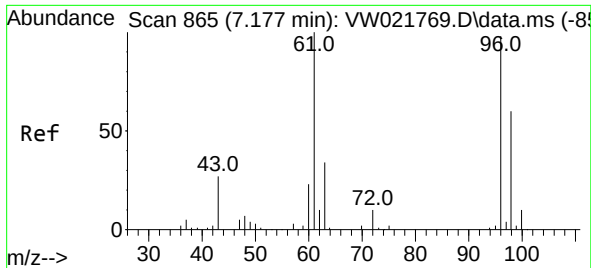
Ion Ratio Lower Upper

96 100

61 111.2 103.7 192.7

68 0.0 0.0 0.0

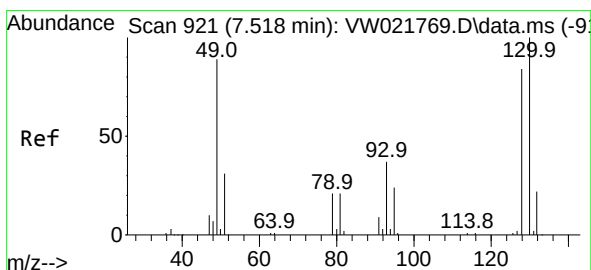
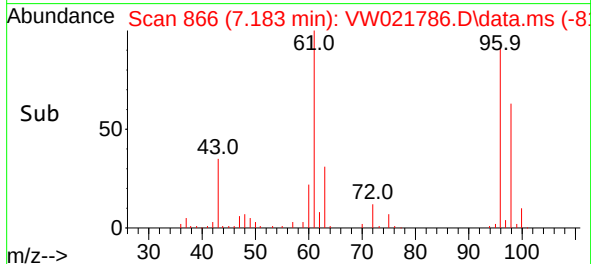
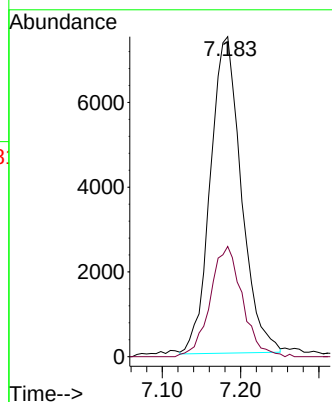
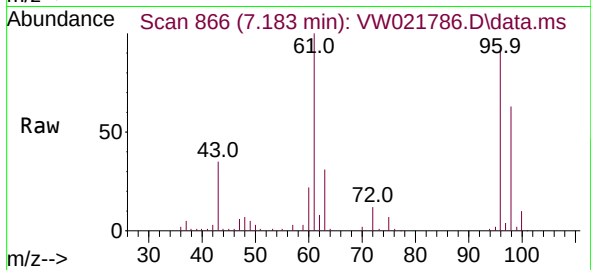




#22
2-Butanone
Concen: 41.097 ug/L
RT: 7.183 min Scan# 865
Delta R.T. 0.006 min
Lab File: VW021786.D
Acq: 07 Jan 2022 19:30

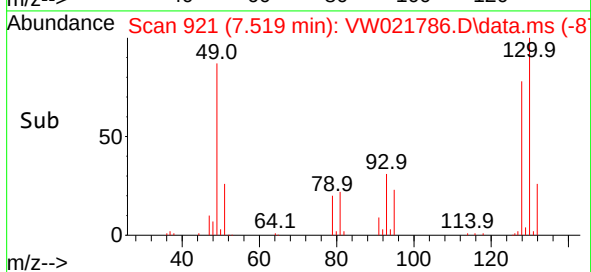
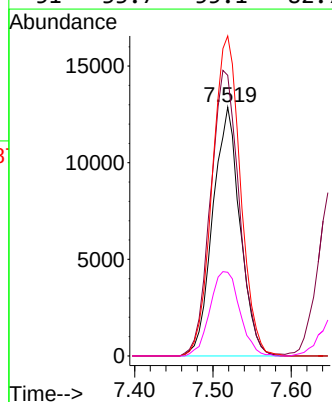
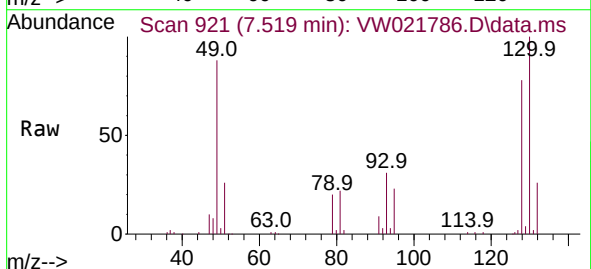
Instrument :
MSVOA_W
ClientSampleId :
VSTD025525

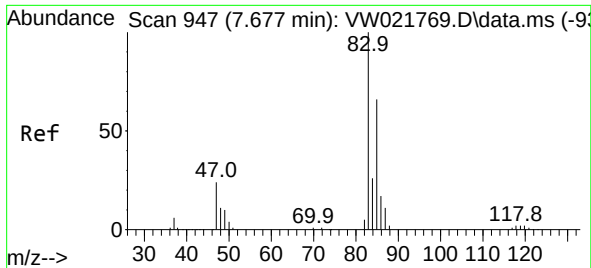
Tgt Ion: 43 Resp: 20513
Ion Ratio Lower Upper
43 100
72 36.0 11.8 35.4#



#23
Bromochloromethane
Concen: 26.461 ug/L
RT: 7.519 min Scan# 921
Delta R.T. 0.000 min
Lab File: VW021786.D
Acq: 07 Jan 2022 19:30

Tgt Ion: 128 Resp: 31127
Ion Ratio Lower Upper
128 100
49 112.8 150.3 279.1#
130 128.6 88.3 163.9
51 33.7 55.1 82.7#

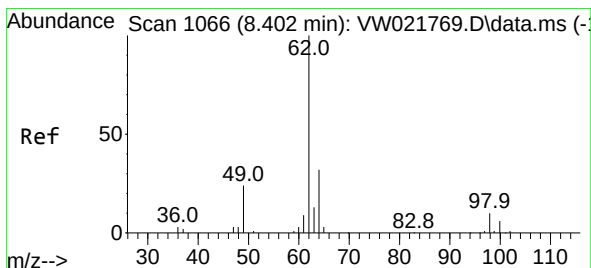
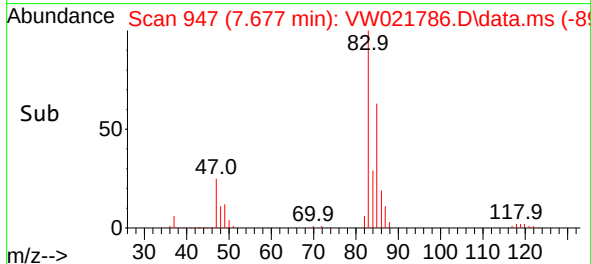
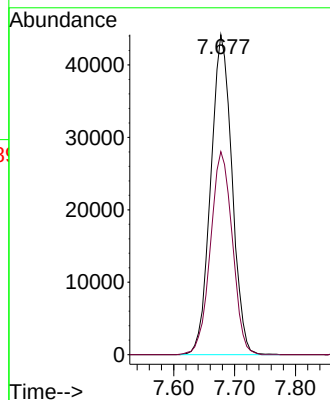
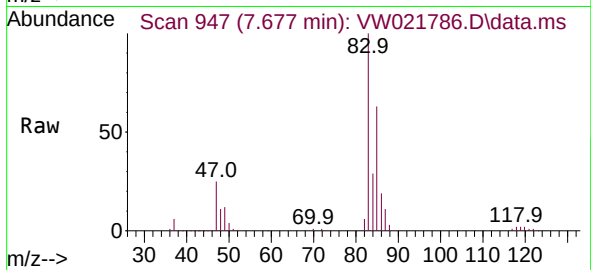




#25
Chloroform
Concen: 25.382 ug/L
RT: 7.677 min Scan# 94
Delta R.T. 0.000 min
Lab File: VW021786.D
Acq: 07 Jan 2022 19:30

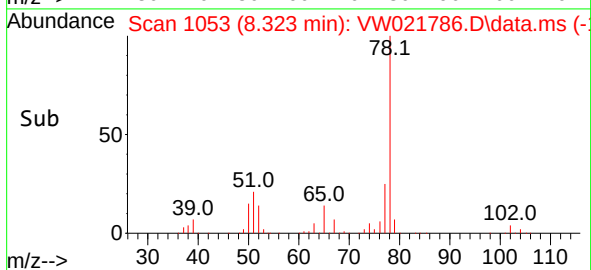
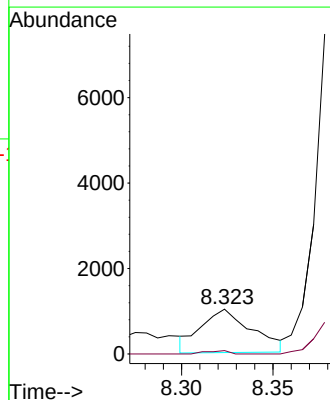
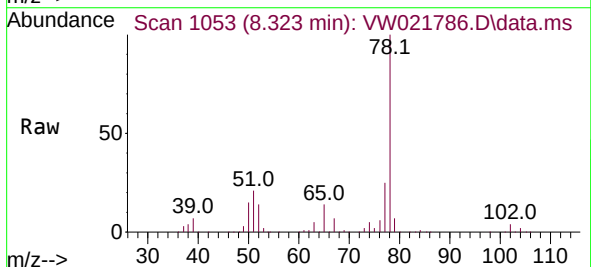
Instrument :
MSVOA_W
ClientSampleId :
VSTD025525

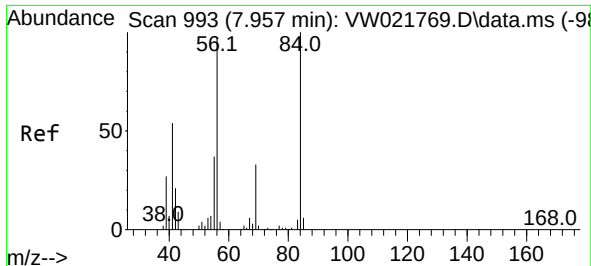
Tgt Ion: 83 Resp: 107089
Ion Ratio Lower Upper
83 100
85 63.4 45.1 83.7



#27
1,2-Dichloroethane
Concen: 0.714 ug/L
RT: 8.323 min Scan# 1053
Delta R.T. -0.079 min
Lab File: VW021786.D
Acq: 07 Jan 2022 19:30

Tgt Ion: 62 Resp: 1955
Ion Ratio Lower Upper
62 100
98 7.4 6.5 9.7





#29

Cyclohexane

Concen: 24.782 ug/L

RT: 7.958 min Scan# 993

Delta R.T. 0.000 min

Lab File: VW021786.D

Acq: 07 Jan 2022 19:30

Instrument :

MSVOA_W

ClientSampleId :

VSTD025525

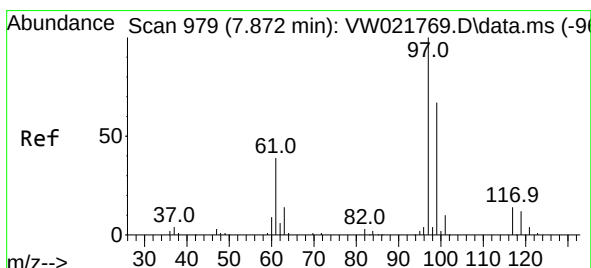
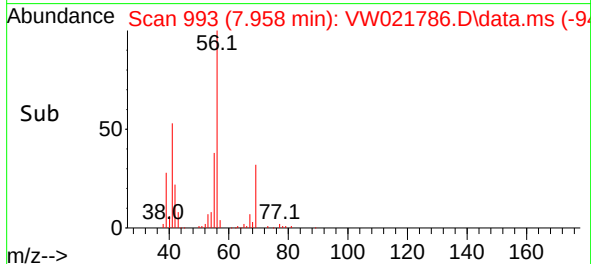
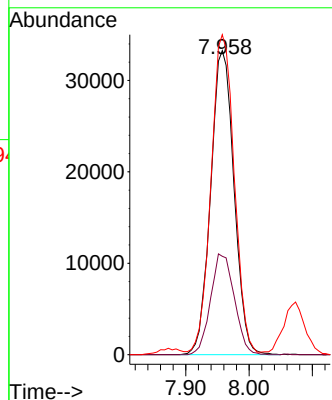
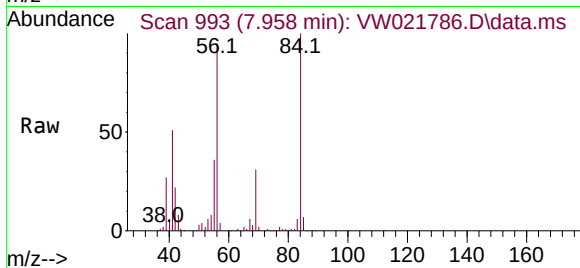
Tgt Ion: 56 Resp: 85258

Ion Ratio Lower Upper

56 100

69 33.7 23.5 35.3

84 105.1 63.4 95.2#



#30

1,1,1-Trichloroethane

Concen: 24.212 ug/L

RT: 7.878 min Scan# 980

Delta R.T. 0.006 min

Lab File: VW021786.D

Acq: 07 Jan 2022 19:30

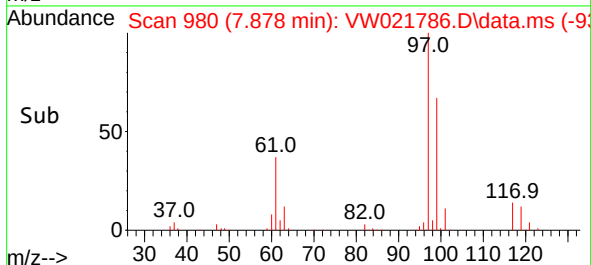
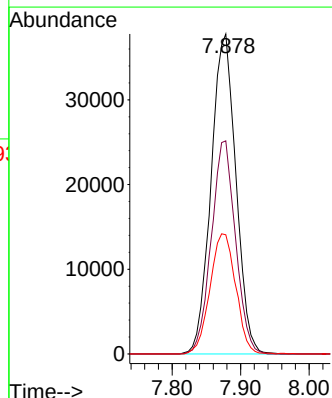
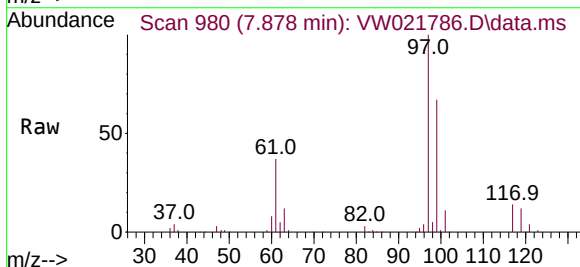
Tgt Ion: 97 Resp: 95033

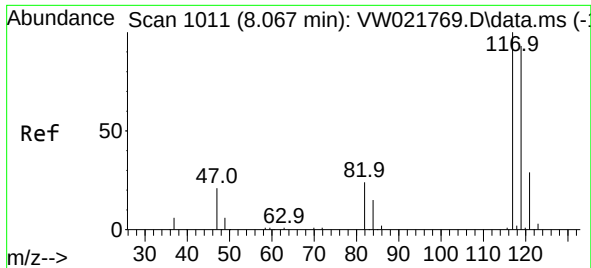
Ion Ratio Lower Upper

97 100

99 64.9 51.6 77.4

61 38.8 40.9 61.3#

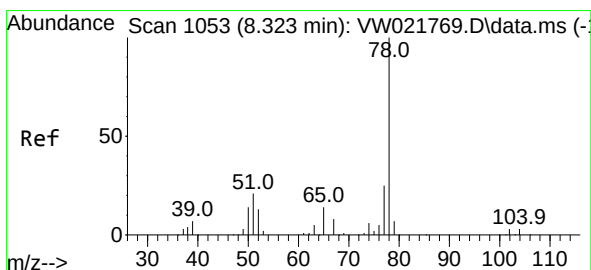
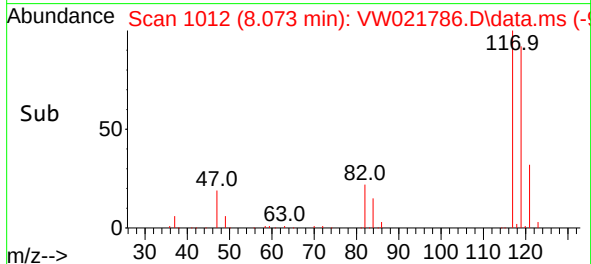
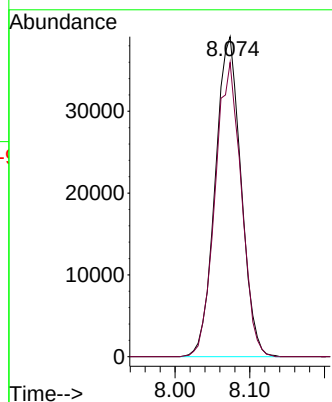
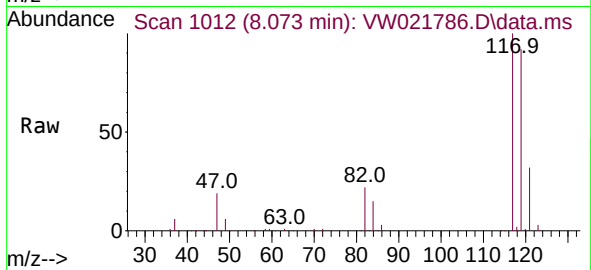




#31
Carbon tetrachloride
Concen: 24.614 ug/L
RT: 8.073 min Scan# 1011
Delta R.T. 0.006 min
Lab File: VW021786.D
Acq: 07 Jan 2022 19:30

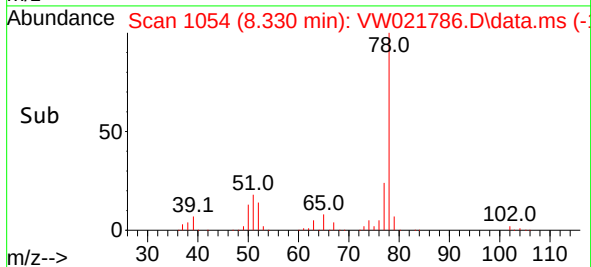
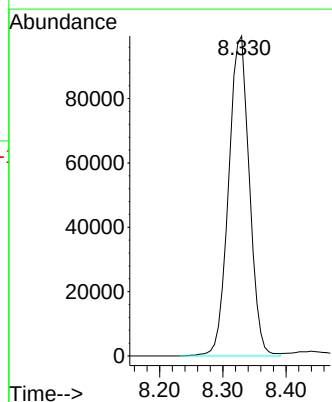
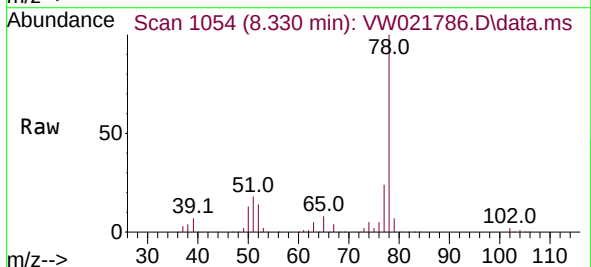
Instrument :
MSVOA_W
ClientSampleId :
VSTD025525

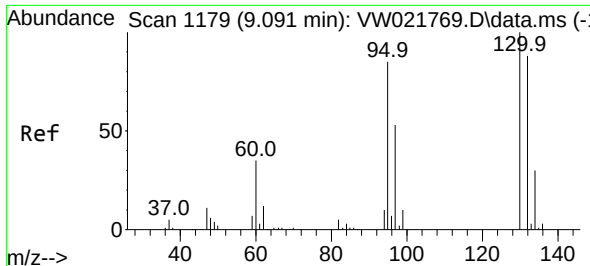
Tgt Ion:117 Resp: 93949
Ion Ratio Lower Upper
117 100
119 93.1 75.7 113.5



#33
Benzene
Concen: 24.983 ug/L
RT: 8.330 min Scan# 1054
Delta R.T. 0.006 min
Lab File: VW021786.D
Acq: 07 Jan 2022 19:30

Tgt Ion: 78 Resp: 226766

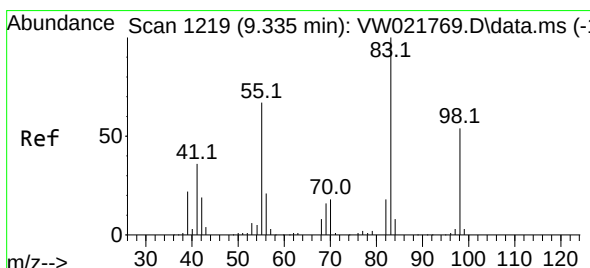
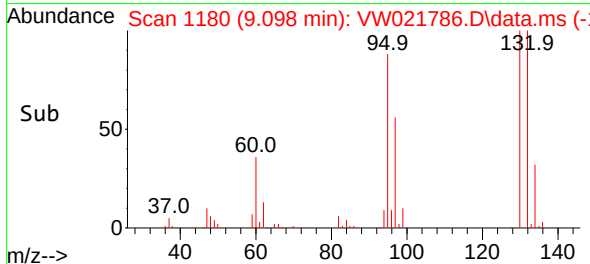
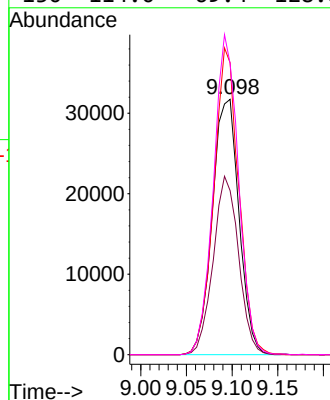
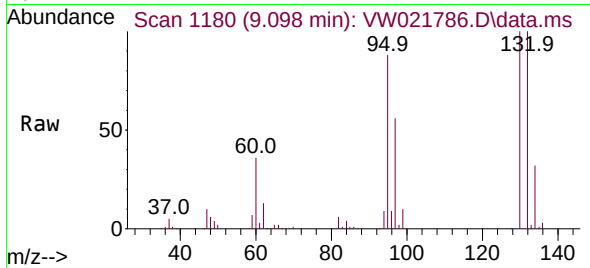




#34
Trichloroethene
Concen: 25.087 ug/L
RT: 9.098 min Scan# 1179
Delta R.T. 0.006 min
Lab File: VW021786.D
Acq: 07 Jan 2022 19:30

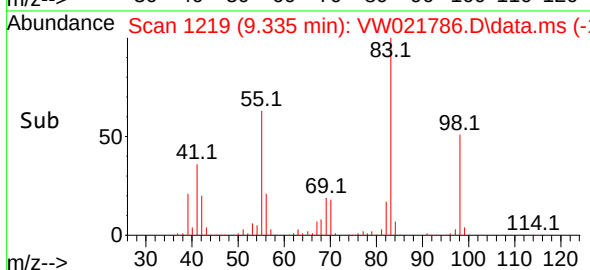
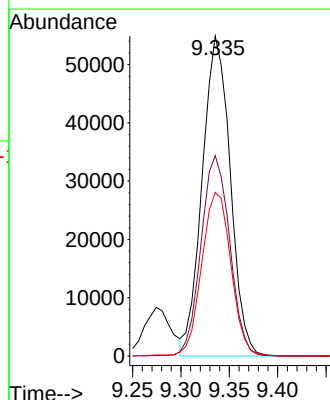
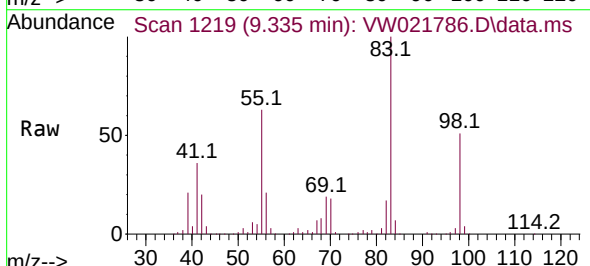
Instrument :
MSVOA_W
ClientSampleId :
VSTD025525

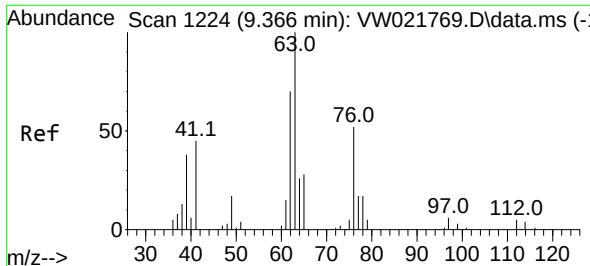
Tgt Ion: 95 Resp: 64642
Ion Ratio Lower Upper
95 100
97 64.2 47.0 87.2
132 114.3 65.5 121.6
130 114.0 69.4 128.8



#35
Methylcyclohexane
Concen: 26.040 ug/L
RT: 9.335 min Scan# 1219
Delta R.T. 0.000 min
Lab File: VW021786.D
Acq: 07 Jan 2022 19:30

Tgt Ion: 83 Resp: 110705
Ion Ratio Lower Upper
83 100
55 64.1 70.8 106.2#
98 53.2 37.7 56.5

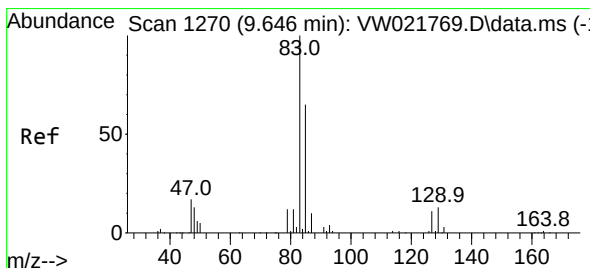
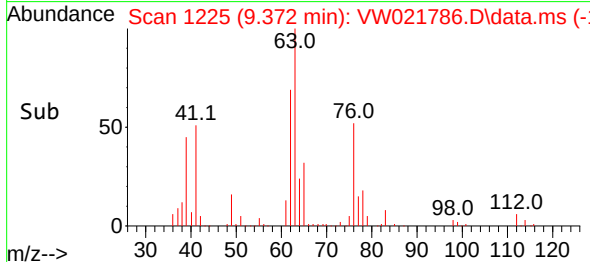
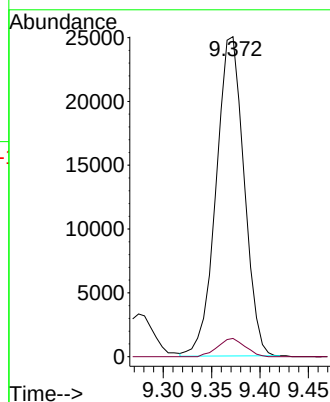
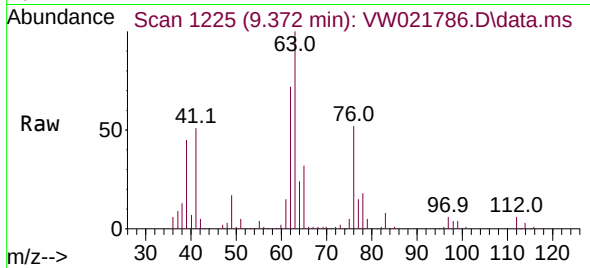




#37
1,2-Dichloropropane
Concen: 24.982 ug/L
RT: 9.372 min Scan# 11
Delta R.T. 0.006 min
Lab File: VW021786.D
Acq: 07 Jan 2022 19:30

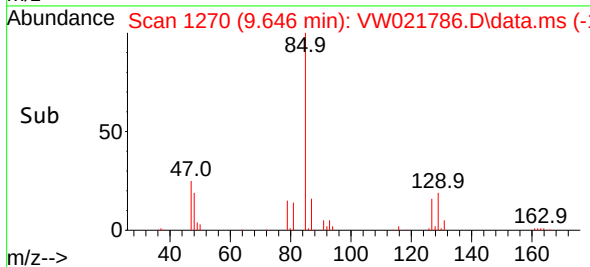
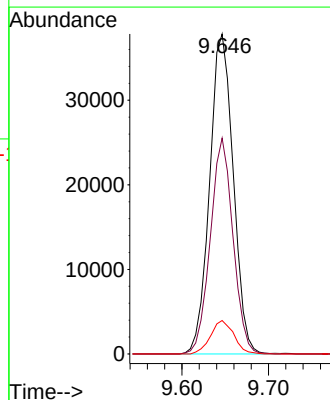
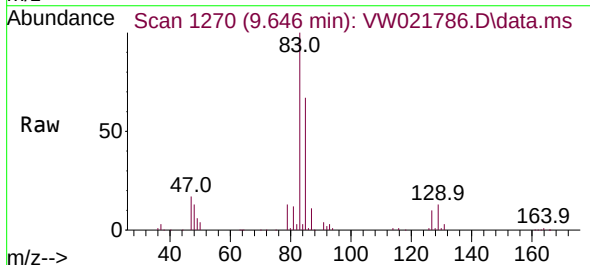
Instrument :
MSVOA_W
ClientSampleId :
VSTD025525

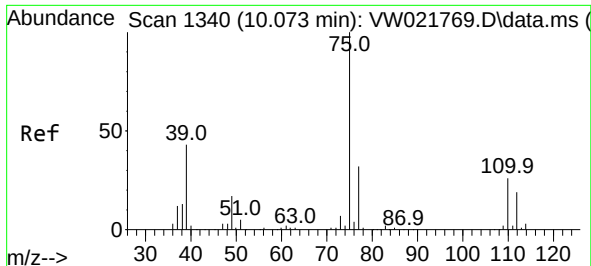
Tgt Ion: 63 Resp: 50255
Ion Ratio Lower Upper
63 100
112 5.6 3.2 4.8#



#38
Bromodichloromethane
Concen: 23.339 ug/L
RT: 9.646 min Scan# 1270
Delta R.T. 0.000 min
Lab File: VW021786.D
Acq: 07 Jan 2022 19:30

Tgt Ion: 83 Resp: 71661
Ion Ratio Lower Upper
83 100
85 67.5 44.1 81.9
127 10.4 6.1 9.1#





#39

cis-1,3-Dichloropropene

Concen: 24.904 ug/L

RT: 10.073 min Scan# 1340

Delta R.T. 0.000 min

Lab File: VW021786.D

Acq: 07 Jan 2022 19:30

Instrument :

MSVOA_W

ClientSampleId :

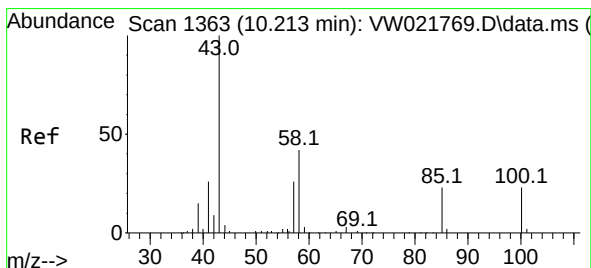
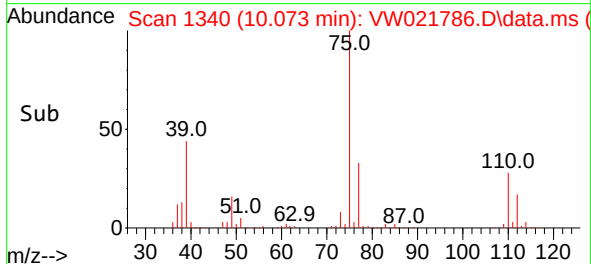
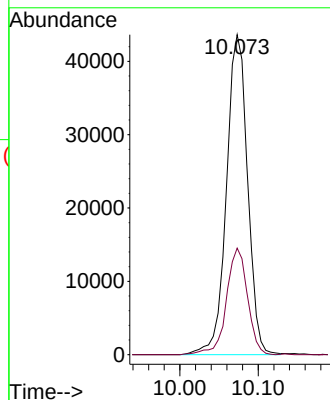
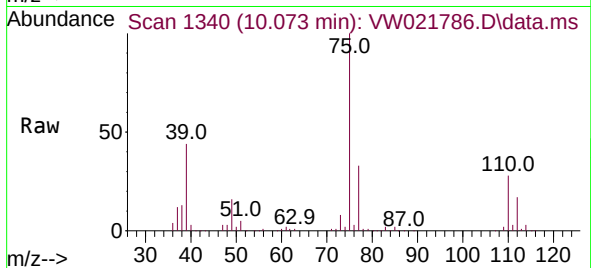
VSTD025525

Tgt Ion: 75 Resp: 81854

Ion Ratio Lower Upper

75 100

77 33.3 21.8 40.6



#40

4-Methyl-2-pentanone

Concen: 43.258 ug/L

RT: 10.213 min Scan# 1363

Delta R.T. 0.000 min

Lab File: VW021786.D

Acq: 07 Jan 2022 19:30

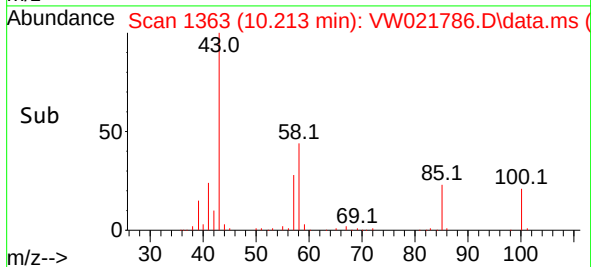
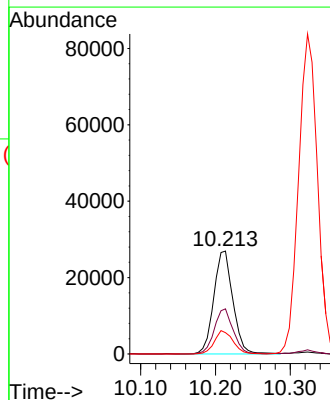
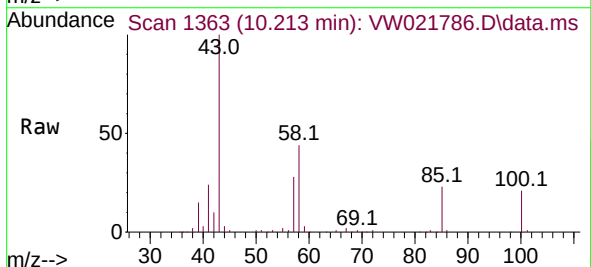
Tgt Ion: 43 Resp: 47937

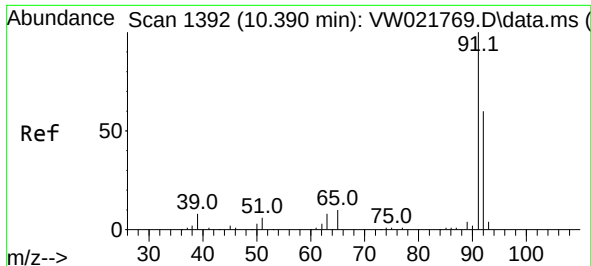
Ion Ratio Lower Upper

43 100

58 43.3 28.8 43.2#

100 22.1 10.0 15.0#

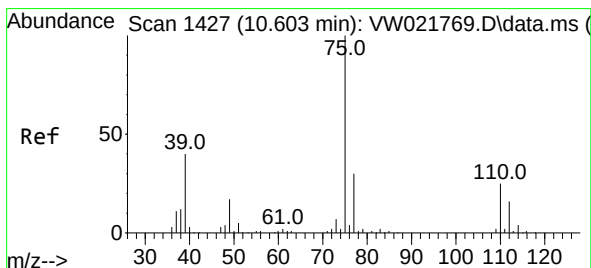
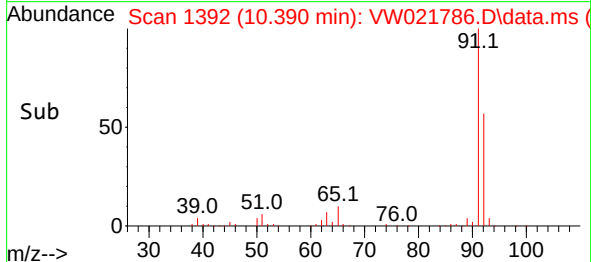
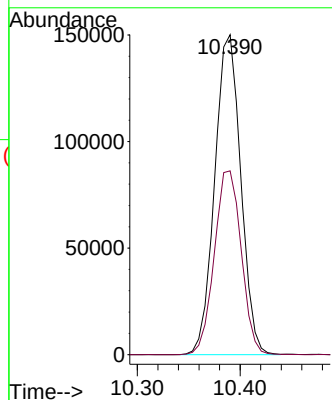
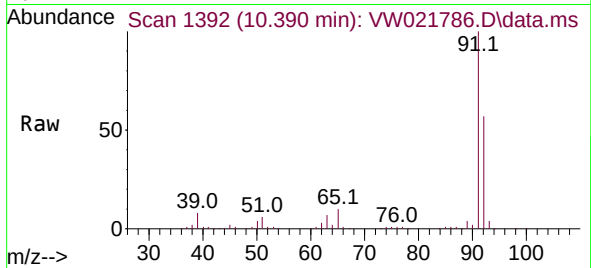




#42
Toluene
Concen: 25.247 ug/L
RT: 10.390 min Scan# 1392
Delta R.T. 0.000 min
Lab File: VW021786.D
Acq: 07 Jan 2022 19:30

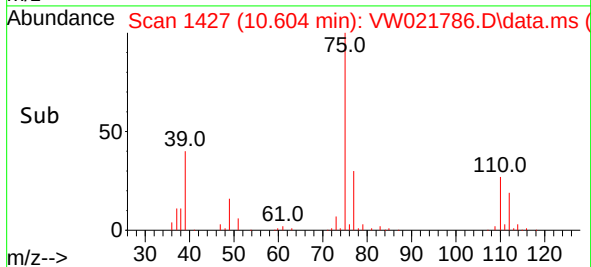
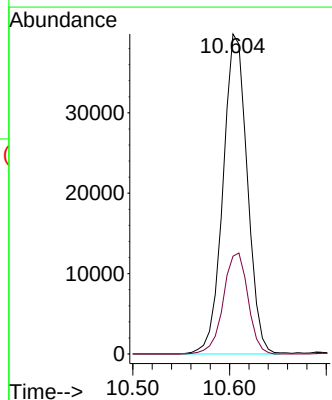
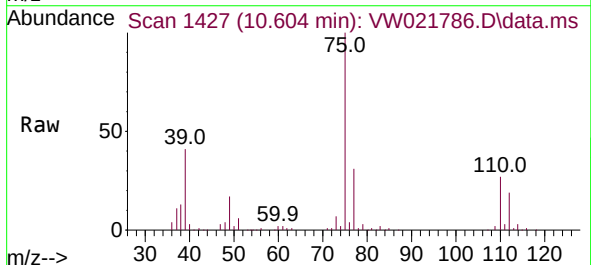
Instrument :
MSVOA_W
ClientSampleId :
VSTD025525

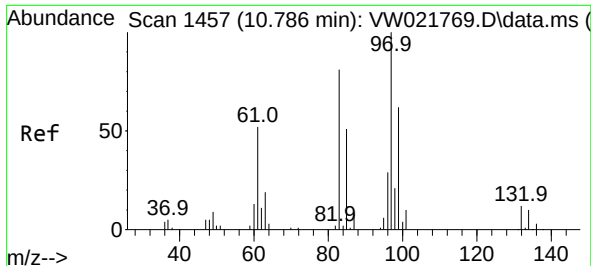
Tgt Ion: 91 Resp: 264541
Ion Ratio Lower Upper
91 100
92 57.5 41.7 77.5



#44
trans-1,3-Dichloropropene
Concen: 23.471 ug/L
RT: 10.604 min Scan# 1427
Delta R.T. 0.000 min
Lab File: VW021786.D
Acq: 07 Jan 2022 19:30

Tgt Ion: 75 Resp: 69311
Ion Ratio Lower Upper
75 100
77 30.5 22.2 41.2

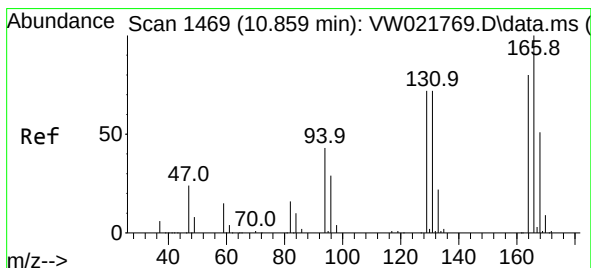
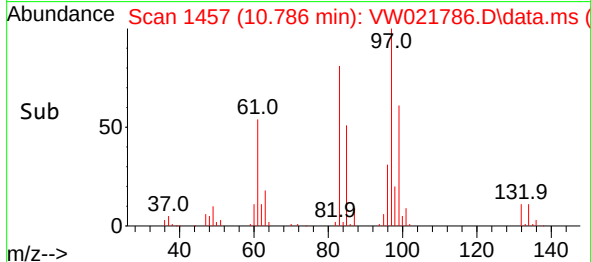
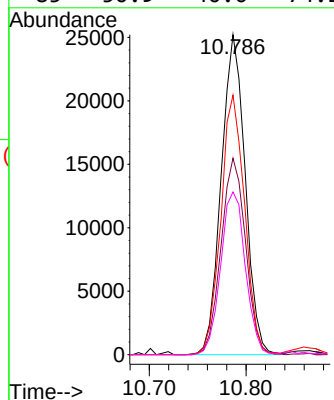
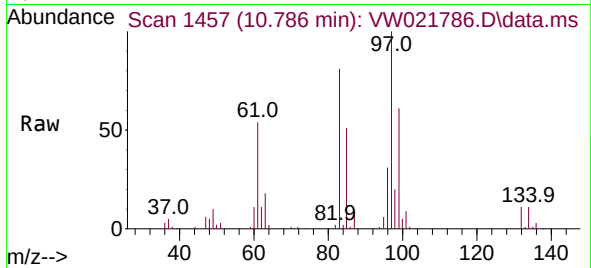




#45
1,1,2-Trichloroethane
Concen: 25.951 ug/L
RT: 10.786 min Scan# 1457
Delta R.T. 0.000 min
Lab File: VW021786.D
Acq: 07 Jan 2022 19:30

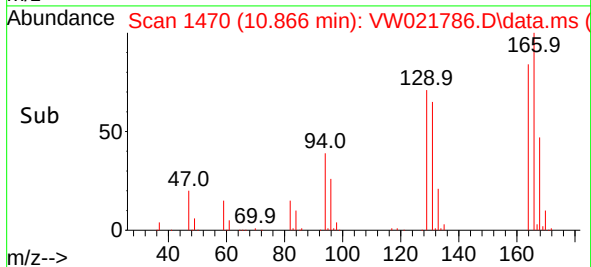
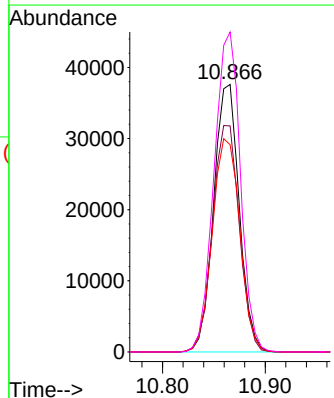
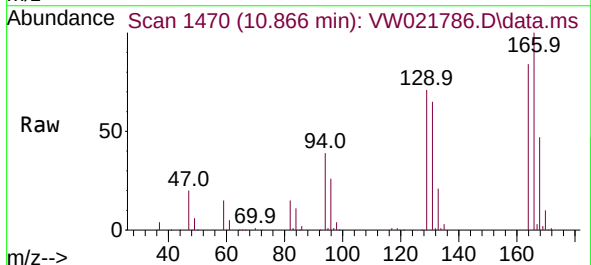
Instrument :
MSVOA_W
ClientSampleId :
VSTD025525

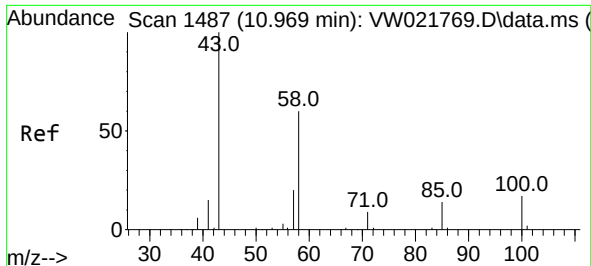
Tgt Ion:	97	Resp:	43360
Ion	Ratio	Lower	Upper
97	100		
99	61.4	43.0	79.8
83	81.1	62.6	116.3
85	50.9	40.0	74.2



#46
Tetrachloroethene
Concen: 26.932 ug/L
RT: 10.866 min Scan# 1470
Delta R.T. 0.006 min
Lab File: VW021786.D
Acq: 07 Jan 2022 19:30

Tgt Ion:	164	Resp:	64987
Ion	Ratio	Lower	Upper
164	100		
129	84.5	65.5	121.7
131	77.5	59.7	110.9
166	119.6	88.7	164.7

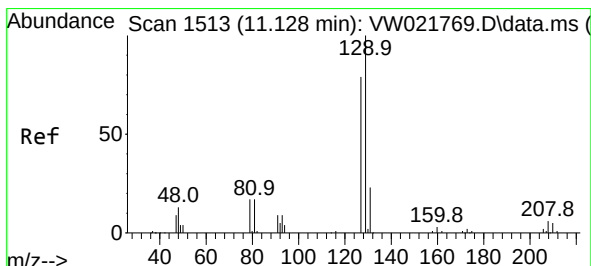
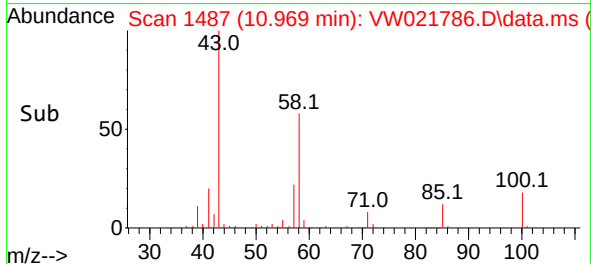
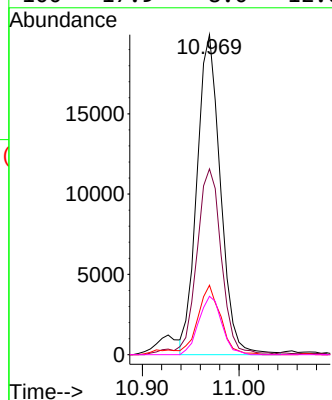
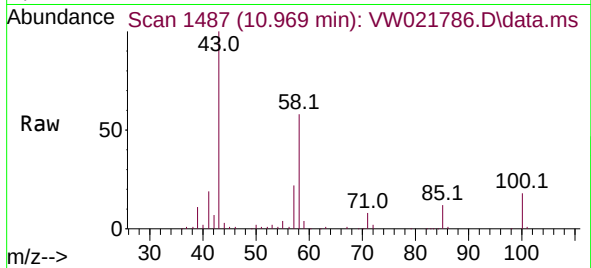




#48
2-Hexanone
Concen: 44.785 ug/L
RT: 10.969 min Scan# 1487
Delta R.T. 0.000 min
Lab File: VW021786.D
Acq: 07 Jan 2022 19:30

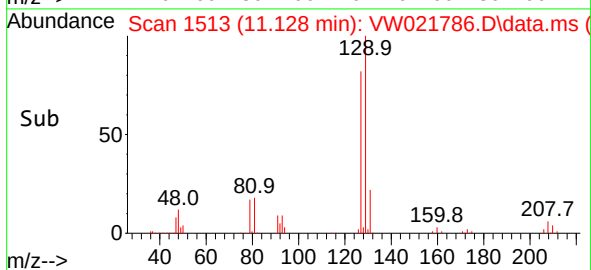
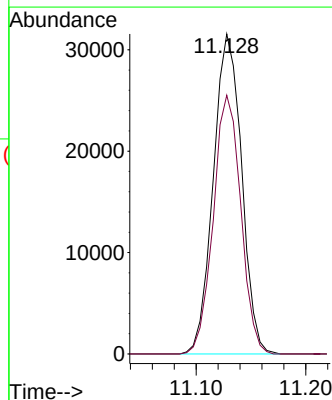
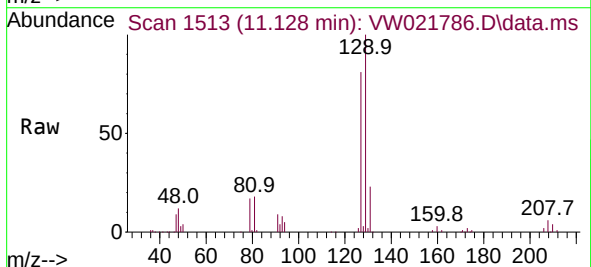
Instrument :
MSVOA_W
ClientSampleId :
VSTD025525

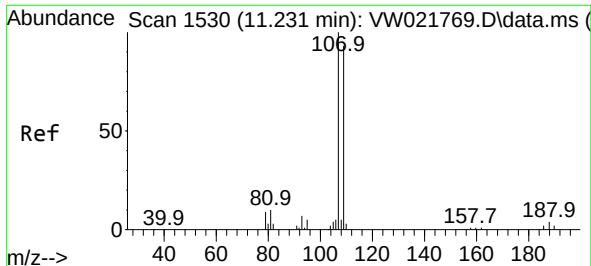
Tgt Ion: 43 Resp: 33703
Ion Ratio Lower Upper
43 100
58 60.2 40.2 60.2
57 19.8 14.3 21.5
100 17.9 8.0 12.0#



#49
Dibromochloromethane
Concen: 25.209 ug/L
RT: 11.128 min Scan# 1513
Delta R.T. 0.000 min
Lab File: VW021786.D
Acq: 07 Jan 2022 19:30

Tgt Ion: 129 Resp: 56593
Ion Ratio Lower Upper
129 100
127 80.9 55.7 103.5





#50

1,2-Dibromoethane

Concen: 25.474 ug/L

RT: 11.238 min Scan# 1

Delta R.T. 0.006 min

Lab File: VW021786.D

Acq: 07 Jan 2022 19:30

Instrument :

MSVOA_W

ClientSampleId :

VSTD025525

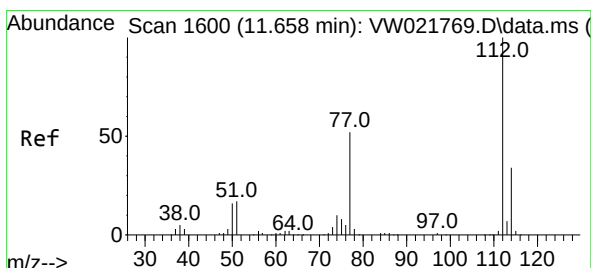
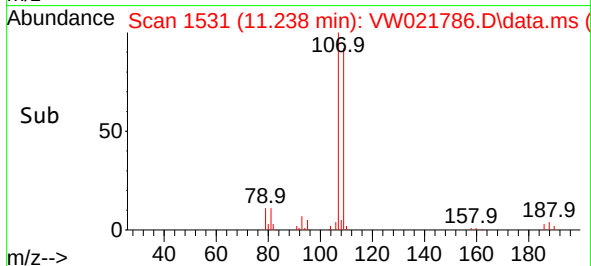
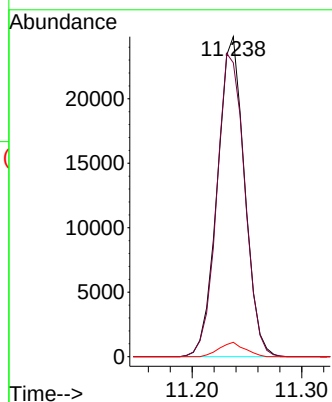
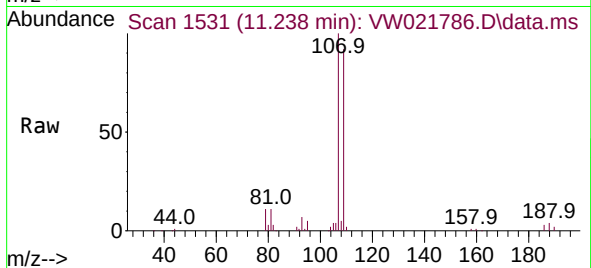
Tgt Ion:107 Resp: 42747

Ion Ratio Lower Upper

107 100

109 91.8 64.1 119.1

188 4.5 2.6 3.8#



#51

Chlorobenzene

Concen: 26.659 ug/L

RT: 11.658 min Scan# 1600

Delta R.T. 0.000 min

Lab File: VW021786.D

Acq: 07 Jan 2022 19:30

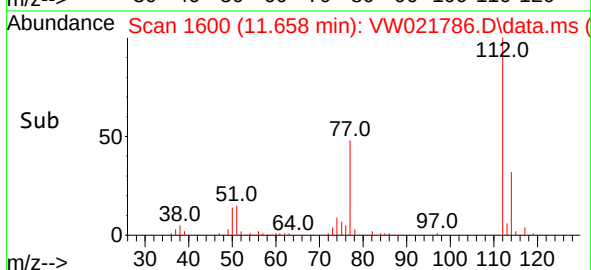
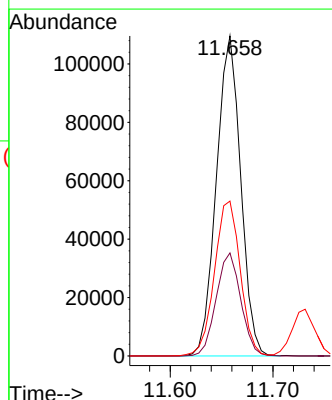
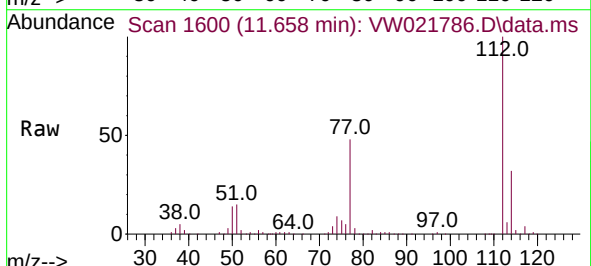
Tgt Ion:112 Resp: 180230

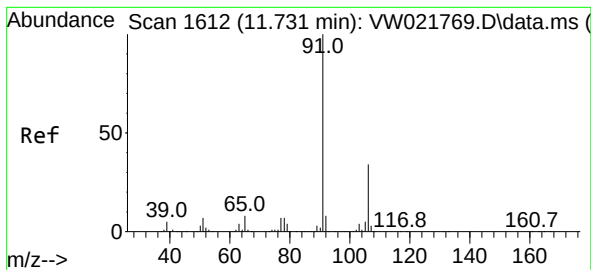
Ion Ratio Lower Upper

112 100

114 32.2 22.4 41.6

77 48.4 50.2 75.4#

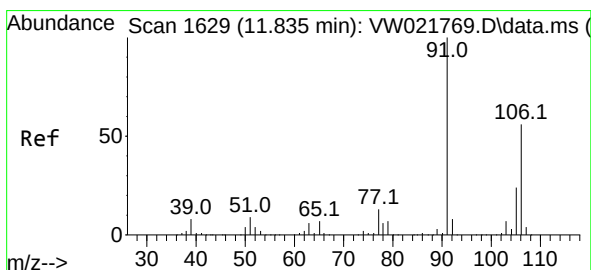
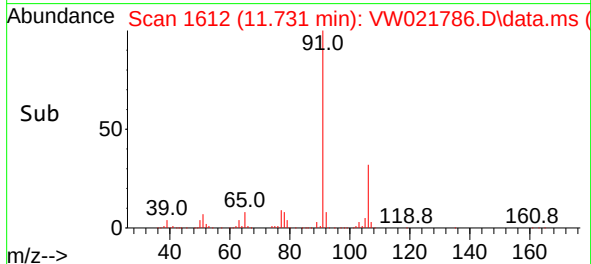
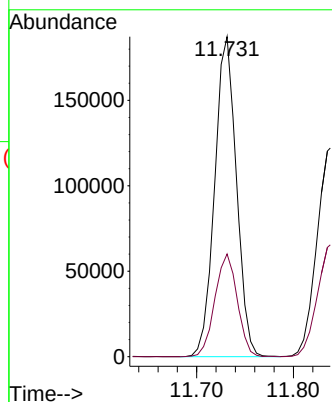
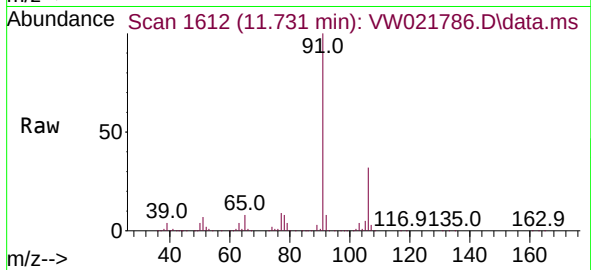




#52
Ethylbenzene
Concen: 24.838 ug/L
RT: 11.731 min Scan# 1630
Delta R.T. 0.000 min
Lab File: VW021786.D
Acq: 07 Jan 2022 19:30

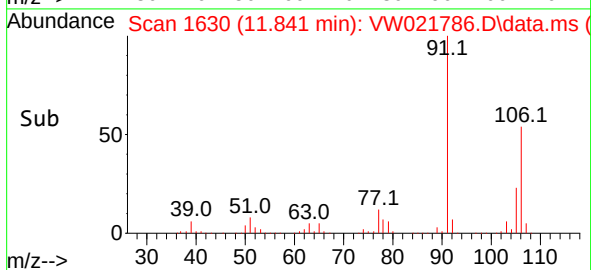
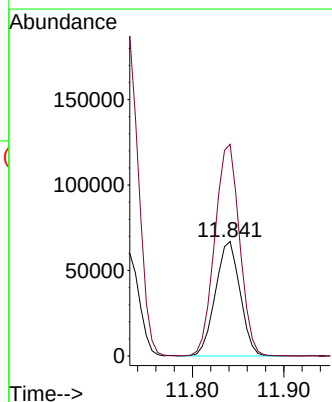
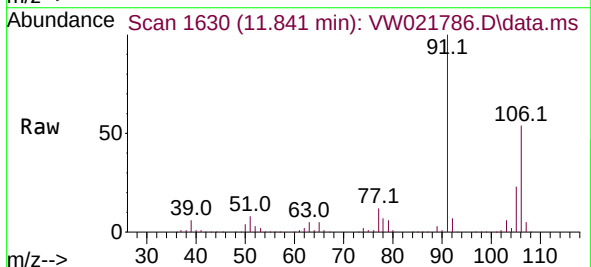
Instrument :
MSVOA_W
ClientSampleId :
VSTD025525

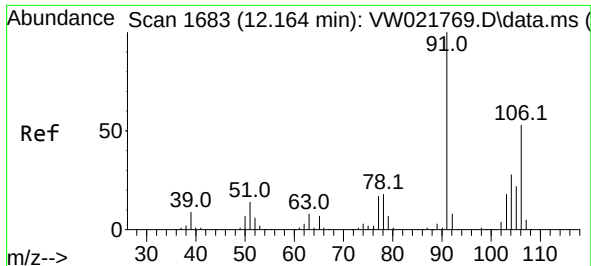
Tgt Ion: 91 Resp: 292139
Ion Ratio Lower Upper
91 100
106 32.1 21.5 39.9



#53
m,p-Xylene
Concen: 26.588 ug/L
RT: 11.841 min Scan# 1630
Delta R.T. 0.006 min
Lab File: VW021786.D
Acq: 07 Jan 2022 19:30

Tgt Ion: 106 Resp: 125305
Ion Ratio Lower Upper
106 100
91 184.9 149.9 278.3

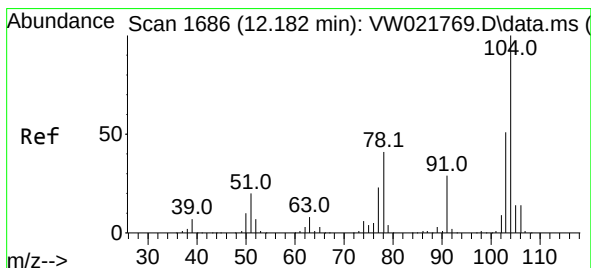
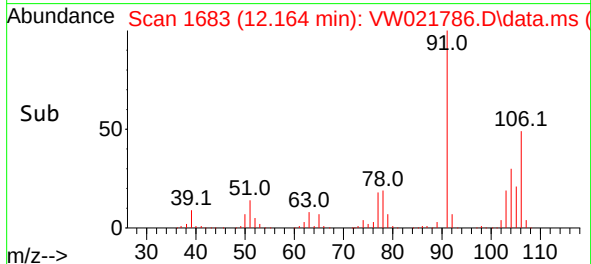
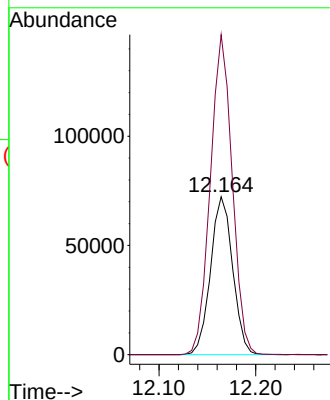
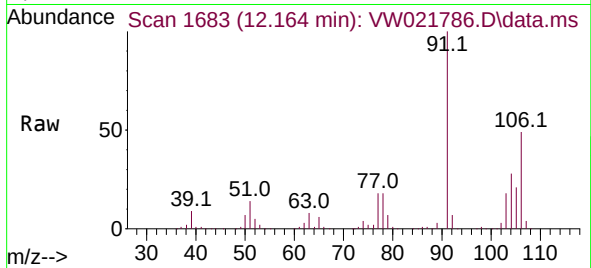




#54
o-Xylene
Concen: 25.745 ug/L
RT: 12.164 min Scan# 1
Delta R.T. 0.000 min
Lab File: VW021786.D
Acq: 07 Jan 2022 19:30

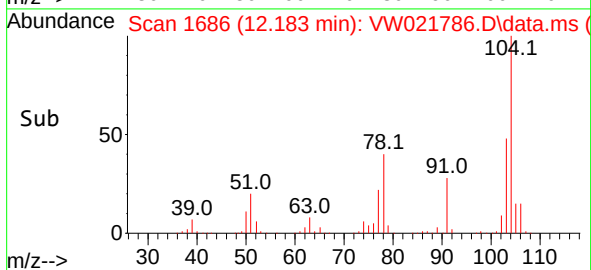
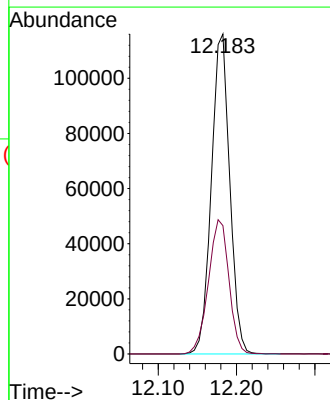
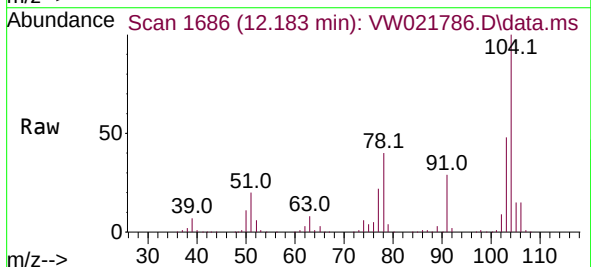
Instrument :
MSVOA_W
ClientSampleId :
VSTD025525

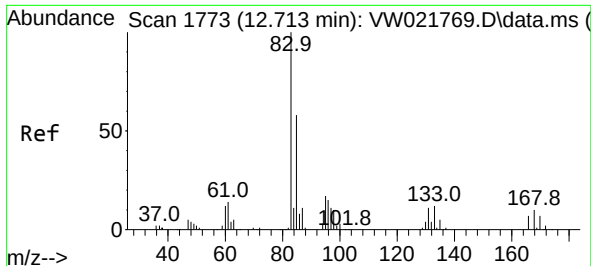
Tgt Ion:106 Resp: 114999
Ion Ratio Lower Upper
106 100
91 202.7 153.6 285.3



#55
Styrene
Concen: 24.660 ug/L
RT: 12.183 min Scan# 1686
Delta R.T. 0.000 min
Lab File: VW021786.D
Acq: 07 Jan 2022 19:30

Tgt Ion:104 Resp: 189170
Ion Ratio Lower Upper
104 100
78 40.1 34.4 64.0





#57

1,1,2,2-Tetrachloroethane

Concen: 24.743 ug/L

RT: 12.713 min Scan# 1773

Delta R.T. 0.000 min

Lab File: VW021786.D

Acq: 07 Jan 2022 19:30

Instrument :

MSVOA_W

ClientSampleId :

VSTD025525

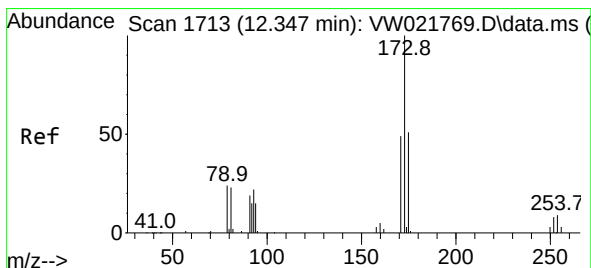
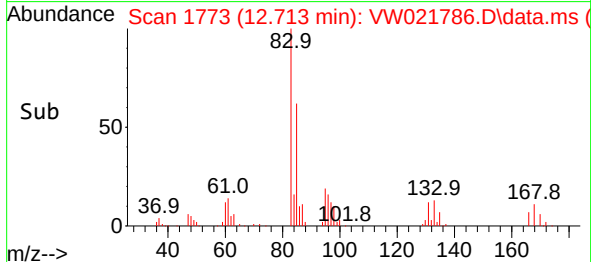
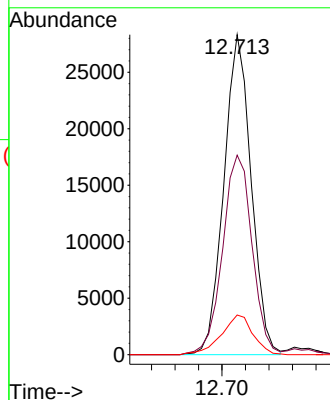
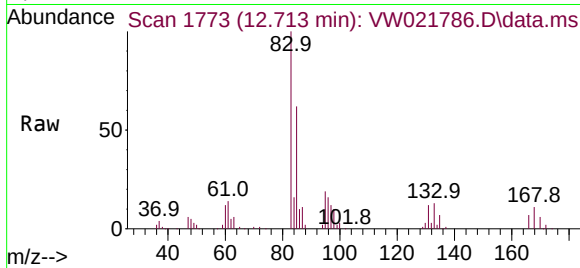
Tgt Ion: 83 Resp: 45732

Ion Ratio Lower Upper

83 100

85 62.4 44.0 81.6

131 12.4 6.9 10.3#



#59

Bromoform

Concen: 23.745 ug/L

RT: 12.347 min Scan# 1713

Delta R.T. 0.000 min

Lab File: VW021786.D

Acq: 07 Jan 2022 19:30

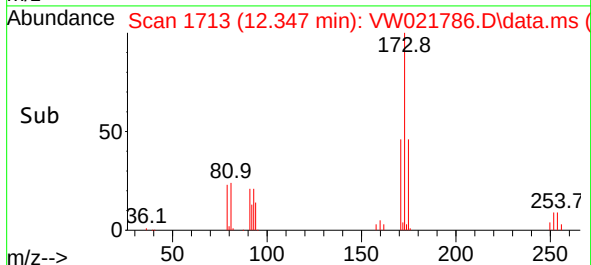
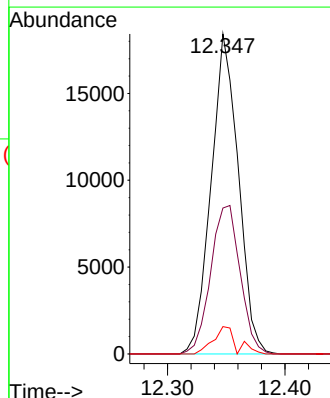
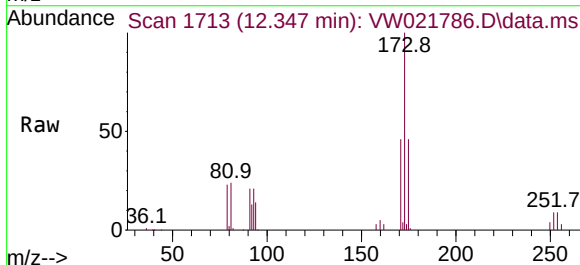
Tgt Ion: 173 Resp: 29671

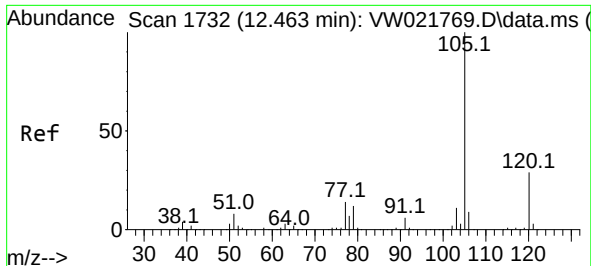
Ion Ratio Lower Upper

173 100

175 50.1 39.6 59.4

254 5.9 7.4 11.0#

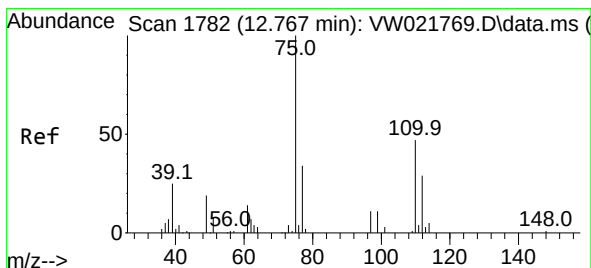
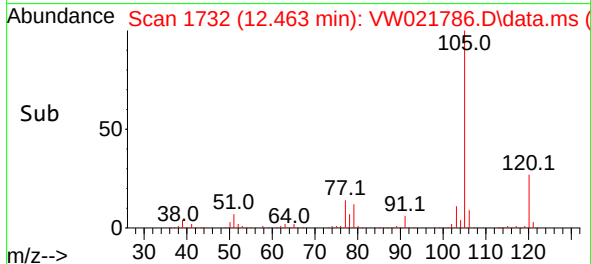
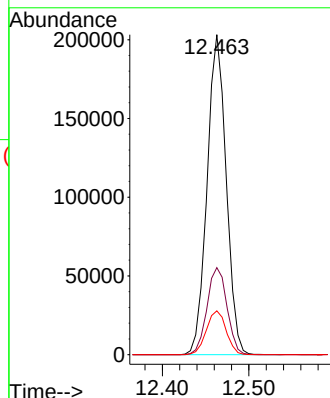
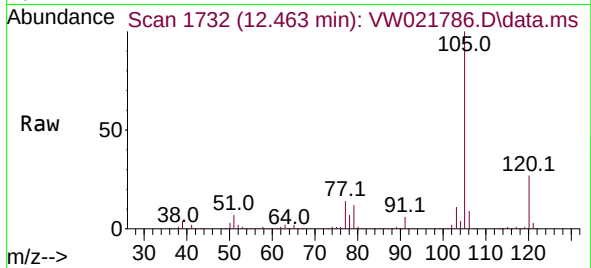




#60
Isopropylbenzene
Concen: 26.070 ug/L
RT: 12.463 min Scan# 1732
Delta R.T. 0.000 min
Lab File: VW021786.D
Acq: 07 Jan 2022 19:30

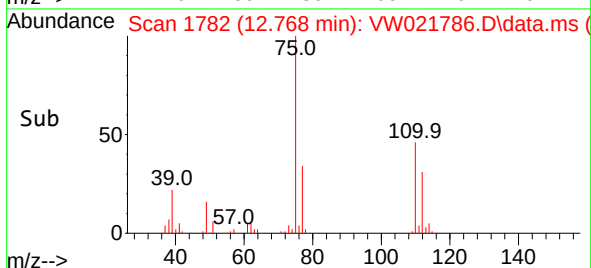
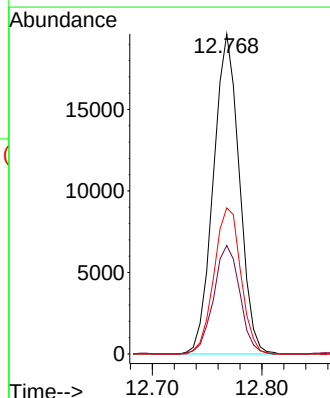
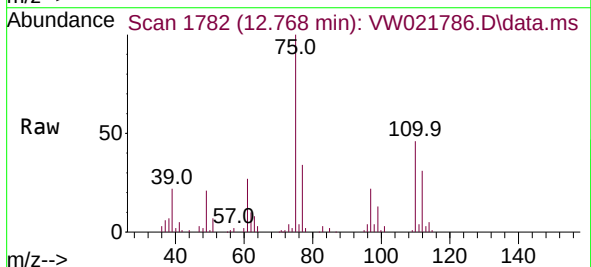
Instrument :
MSVOA_W
ClientSampleId :
VSTD025525

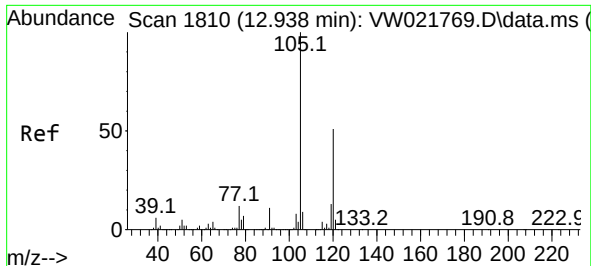
Tgt Ion:105 Resp: 311160
Ion Ratio Lower Upper
105 100
120 28.4 20.1 30.1
77 14.2 13.8 20.8



#61
1,2,3-Trichloropropane
Concen: 24.640 ug/L
RT: 12.768 min Scan# 1782
Delta R.T. 0.000 min
Lab File: VW021786.D
Acq: 07 Jan 2022 19:30

Tgt Ion: 75 Resp: 32283
Ion Ratio Lower Upper
75 100
77 34.2 25.8 38.8
110 47.2 29.0 43.4#

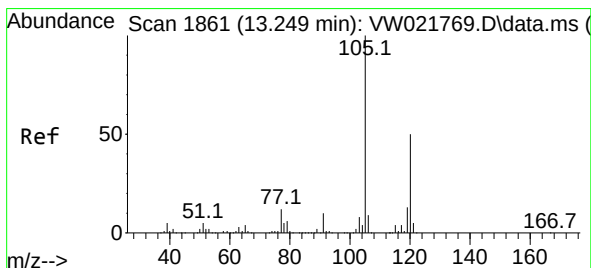
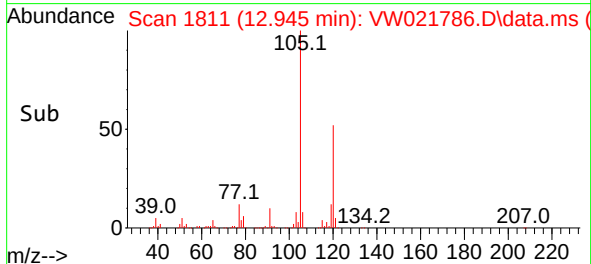
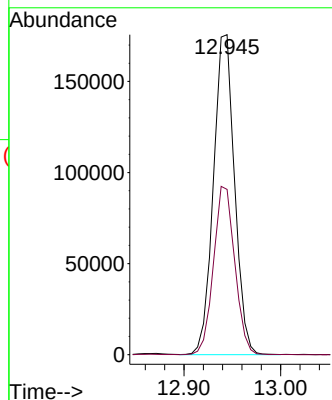
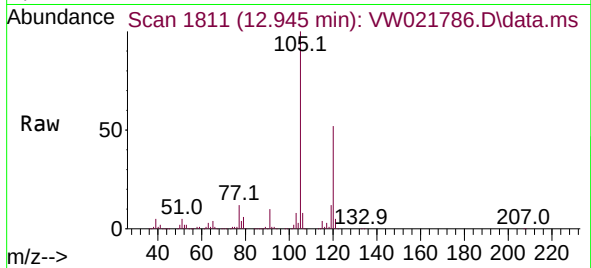




#62
1,3,5-Trimethylbenzene
Concen: 26.435 ug/L
RT: 12.945 min Scan# 1811
Delta R.T. 0.006 min
Lab File: VW021786.D
Acq: 07 Jan 2022 19:30

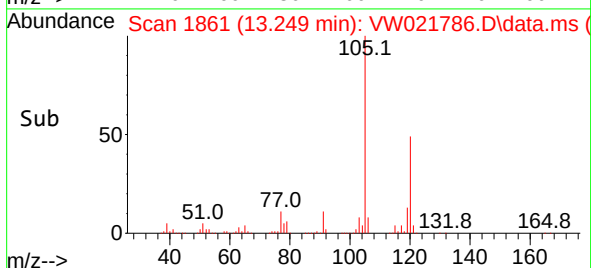
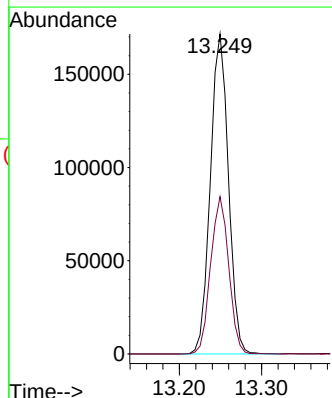
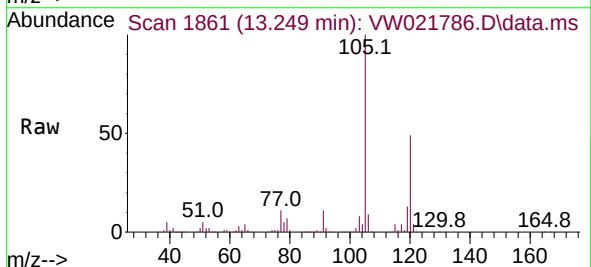
Instrument :
MSVOA_W
ClientSampleId :
VSTD025525

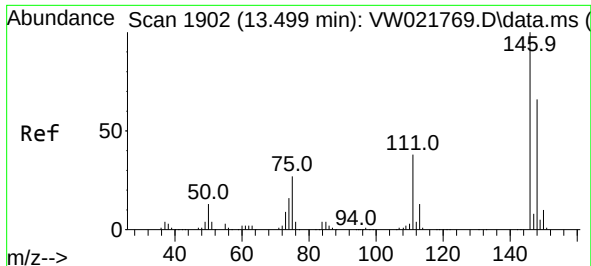
Tgt Ion:105 Resp: 266747
Ion Ratio Lower Upper
105 100
120 53.0 37.4 56.2



#63
1,2,4-Trimethylbenzene
Concen: 26.174 ug/L
RT: 13.249 min Scan# 1861
Delta R.T. 0.000 min
Lab File: VW021786.D
Acq: 07 Jan 2022 19:30

Tgt Ion:105 Resp: 262342
Ion Ratio Lower Upper
105 100
120 49.1 35.0 52.6

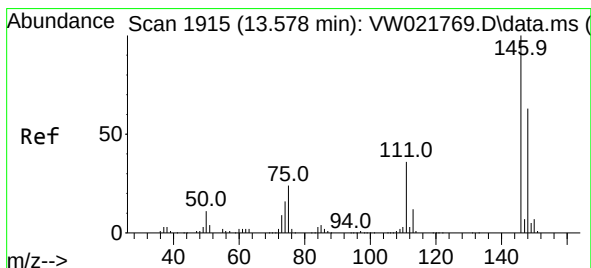
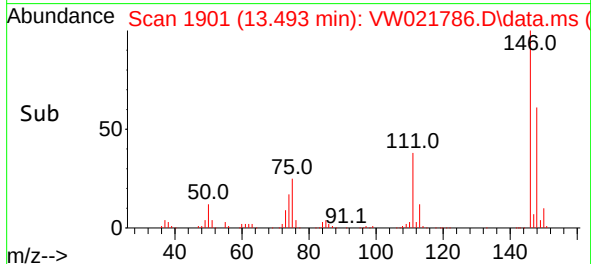
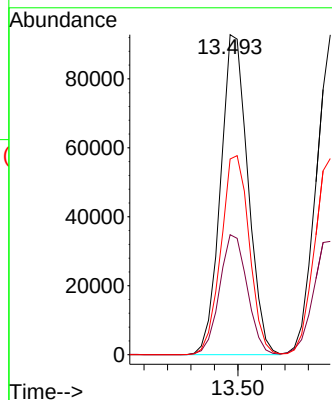
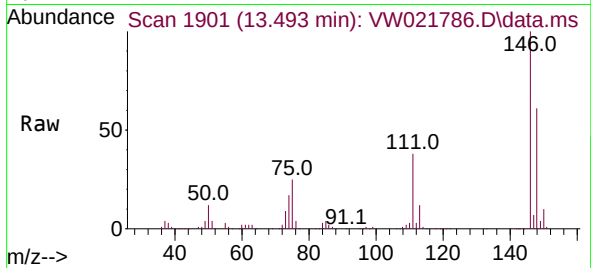




#64
1,3-Dichlorobenzene
Concen: 26.688 ug/L
RT: 13.493 min Scan# 1902
Delta R.T. -0.006 min
Lab File: VW021786.D
Acq: 07 Jan 2022 19:30

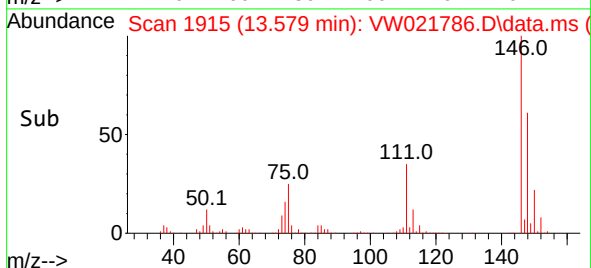
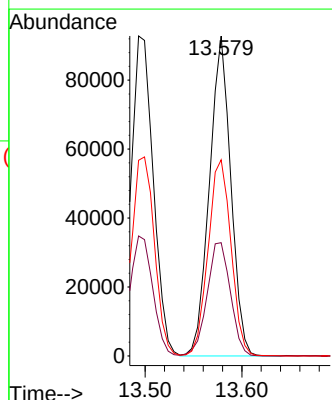
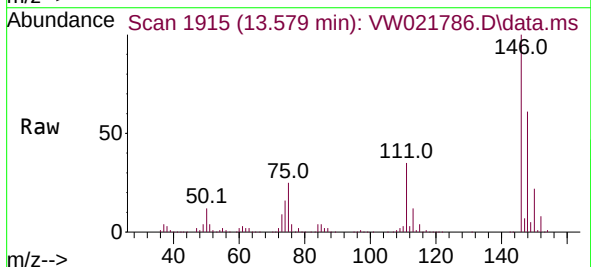
Instrument :
MSVOA_W
ClientSampleId :
VSTD025525

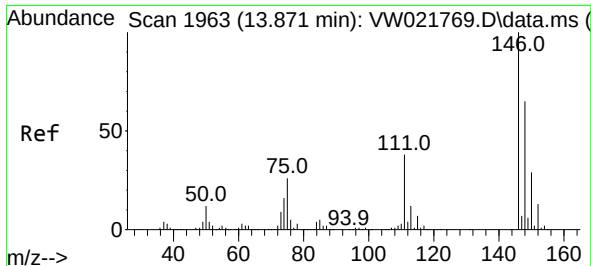
Tgt Ion:146 Resp: 150395
Ion Ratio Lower Upper
146 100
111 37.5 29.8 55.3
148 61.2 46.2 85.8



#65
1,4-Dichlorobenzene
Concen: 25.392 ug/L
RT: 13.579 min Scan# 1915
Delta R.T. 0.000 min
Lab File: VW021786.D
Acq: 07 Jan 2022 19:30

Tgt Ion:146 Resp: 142679
Ion Ratio Lower Upper
146 100
111 35.4 29.0 53.9
148 61.3 46.9 87.1





#67

1,2-Dichlorobenzene

Concen: 26.379 ug/L

RT: 13.871 min Scan# 1963

Delta R.T. 0.000 min

Lab File: VW021786.D

Acq: 07 Jan 2022 19:30

Instrument :

MSVOA_W

ClientSampleId :

VSTD025525

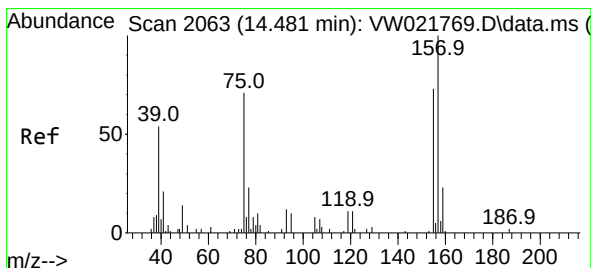
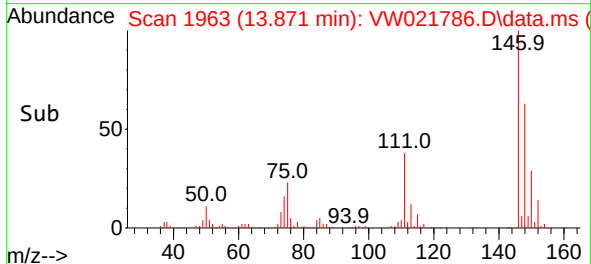
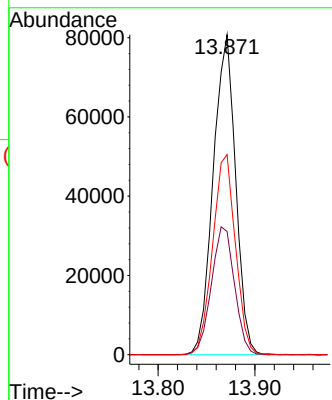
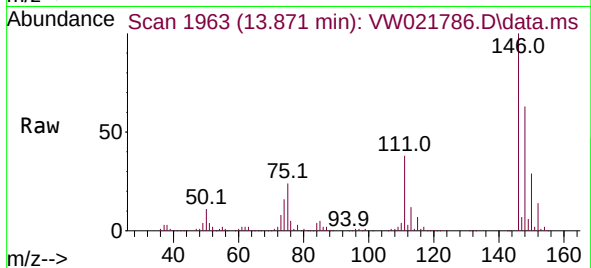
Tgt Ion:146 Resp: 129785

Ion Ratio Lower Upper

146 100

111 38.5 33.1 49.7

148 62.5 47.4 71.2



#68

1,2-Dibromo-3-chloropropane

Concen: 21.543 ug/L

RT: 14.481 min Scan# 2063

Delta R.T. 0.000 min

Lab File: VW021786.D

Acq: 07 Jan 2022 19:30

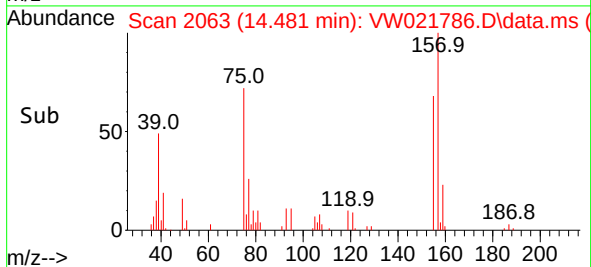
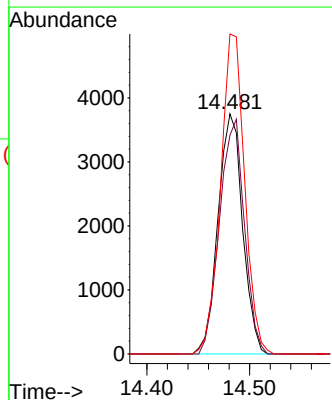
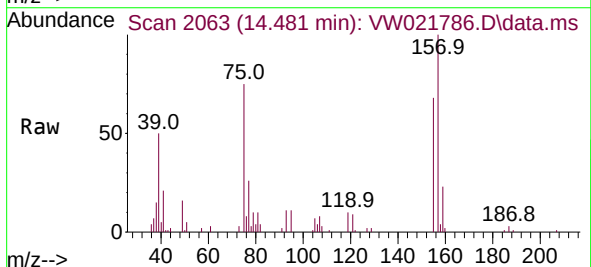
Tgt Ion: 75 Resp: 6215

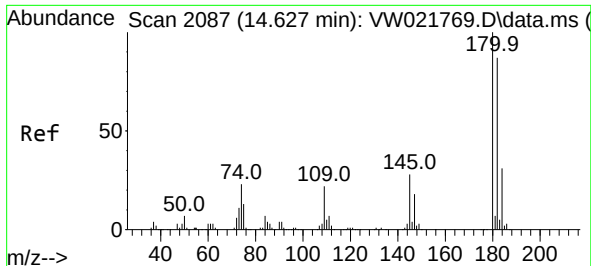
Ion Ratio Lower Upper

75 100

155 91.1 54.2 81.2#

157 133.3 69.4 104.2#





#69

1,3,5-Trichlorobenzene

Concen: 25.479 ug/L

RT: 14.627 min Scan# 2087

Delta R.T. 0.000 min

Lab File: VW021786.D

Acq: 07 Jan 2022 19:30

Instrument :

MSVOA_W

ClientSampleId :

VSTD025525

Tgt Ion:180 Resp: 105473

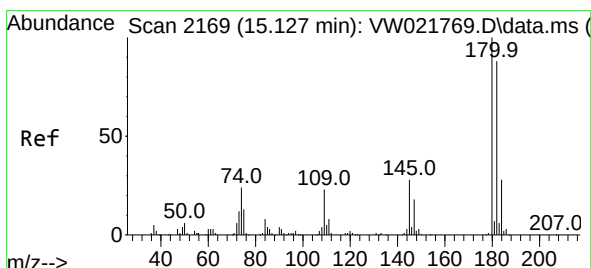
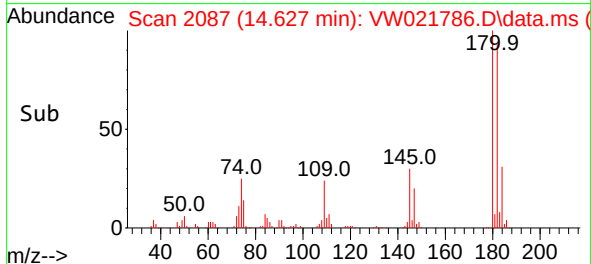
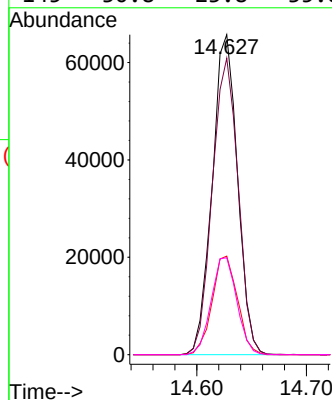
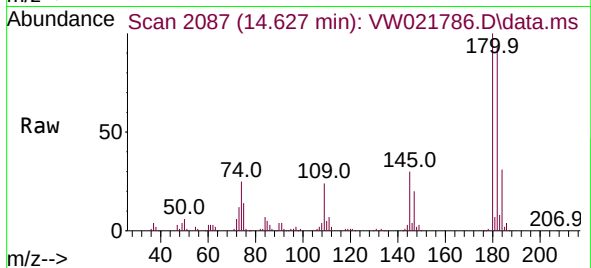
Ion Ratio Lower Upper

180 100

182 94.3 75.4 113.0

184 30.9 23.8 35.8

145 30.8 23.8 35.8



#70

1,2,4-trichlorobenzene

Concen: 25.682 ug/L

RT: 15.127 min Scan# 2169

Delta R.T. 0.000 min

Lab File: VW021786.D

Acq: 07 Jan 2022 19:30

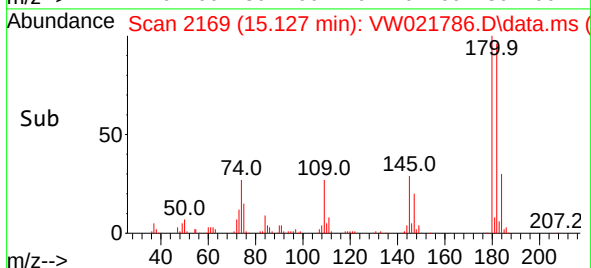
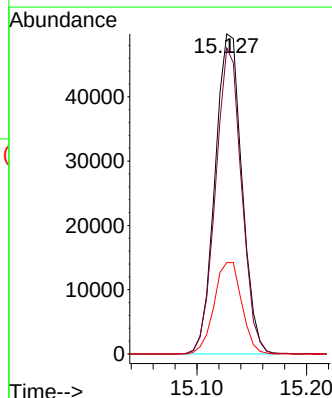
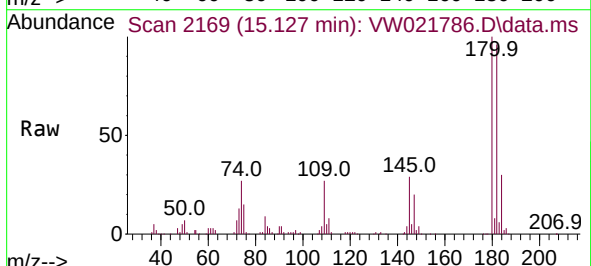
Tgt Ion:180 Resp: 84861

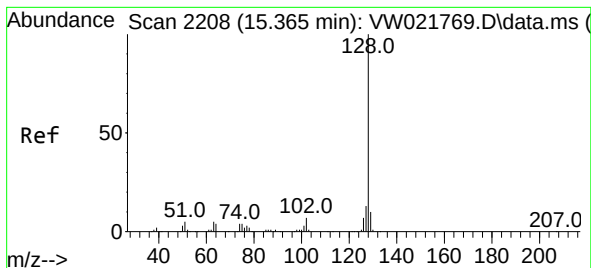
Ion Ratio Lower Upper

180 100

182 92.6 79.0 118.6

145 29.3 26.0 39.0





#71

Naphthalene

Concen: 26.504 ug/L

RT: 15.365 min Scan# 21

Delta R.T. 0.000 min

Lab File: VW021786.D

Acq: 07 Jan 2022 19:30

Instrument :

MSVOA_W

ClientSampleId :

VSTD025525

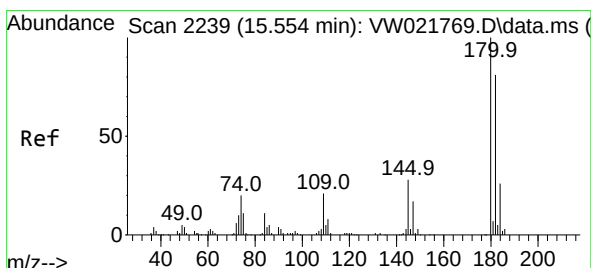
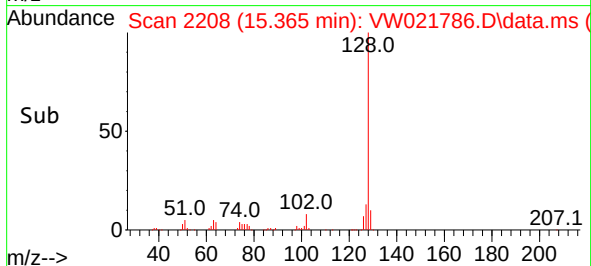
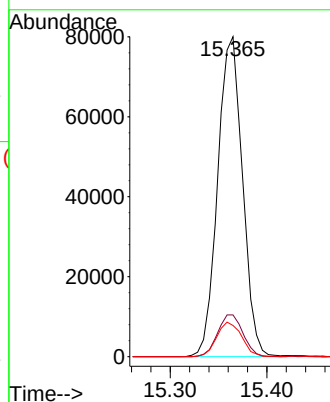
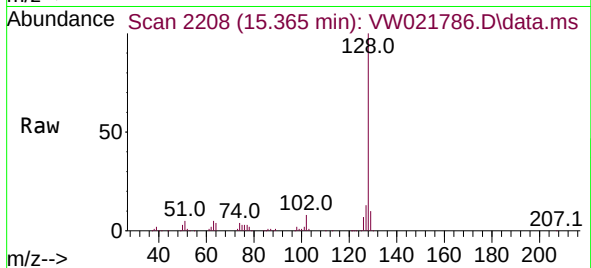
Tgt Ion:128 Resp: 142496

Ion Ratio Lower Upper

128 100

127 13.5 10.7 16.1

129 10.9 8.6 12.8



#72

1,2,3-Trichlorobenzene

Concen: 25.177 ug/L

RT: 15.548 min Scan# 2238

Delta R.T. -0.006 min

Lab File: VW021786.D

Acq: 07 Jan 2022 19:30

Tgt Ion:180 Resp: 70032

Ion Ratio Lower Upper

180 100

182 95.8 76.6 114.8

145 31.6 27.4 41.0

