

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW080720\
 Data File : VW016096.D
 Acq On : 08 Aug 2020 01:40
 Operator : SY/VA
 Sample : VSTDCCC025EC
 Misc : 5.00G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Aug 08 05:13:27 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM072020S.M
 Quant Title : VOC Analysis
 QLast Update : Sat Aug 08 05:08:58 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	306403	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	286634	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	138217	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	88591	20.49	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	81.96%
7) Chloroethane-d5	2.89	69	73378	20.90	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	83.60%
10) 1,1-Dichloroethene-d2	4.01	63	195633	22.38	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	89.52%
20) 2-Butanone-d5	7.08	46	52802	46.49	ug/L	-0.01
Spiked Amount	50.000	Range	20 - 135	Recovery	=	92.98%
24) Chloroform-d	7.65	84	215343	25.02	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	100.08%
26) 1,2-Dichloroethane-d4	8.31	65	107262	22.71	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	90.84%
29) Benzene-d6	8.28	84	431988	24.76	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	99.04%
33) 1,2-Dichloropropane-d6	9.27	67	125848	24.06	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	96.24%
37) Toluene-d8	10.33	98	404514	25.60	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	102.40%
38) trans-1,3-Dichloropropene-	10.58	79	52194	23.41	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	93.64%
39) 2-Hexanone-d5	10.93	63	43590	50.05	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	100.10%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	101087	25.14	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	100.56%
61) 1,2-Dichlorobenzene-d4	13.85	152	139432	25.87	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	103.48%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
2) Dichlorodifluoromethane	2.01	85	53779	20.742	ug/L	98
3) Chloromethane	2.21	50	60002	19.135	ug/L	100
5) Vinyl chloride	2.36	62	93744	19.383	ug/L	100
6) Bromomethane	2.78	94	61879	21.446	ug/L	100
8) Chloroethane	2.92	64	59205	20.897	ug/L	97
9) Trichlorofluoromethane	3.26	101	79523	24.462	ug/L	97
11) 1,1,2-Trichloro-1,2,2-trif	4.06	101	102585	25.815	ug/L	93
12) 1,1-Dichloroethene	4.03	96	100152	25.427	ug/L	90
13) Acetone	4.12	43	35083	36.784	ug/L	92
14) Carbon disulfide	4.37	76	261508	21.023	ug/L	99
15) Methyl Acetate	4.67	43	42384	23.569	ug/L	94
16) Methylene chloride	4.91	84	147432	29.365	ug/L	90
17) Methyl tert-butyl Ether	5.43	73	151613	27.221	ug/L	95
18) trans-1,2-Dichloroethene	5.42	96	108003	25.967	ug/L	93
19) 1,1-Dichloroethane	6.21	63	193259	25.214	ug/L	99
21) 2-Butanone	7.17	43	57253	48.544	ug/L	98
22) cis-1,2-Dichloroethene	7.17	96	119452	27.450	ug/L	90

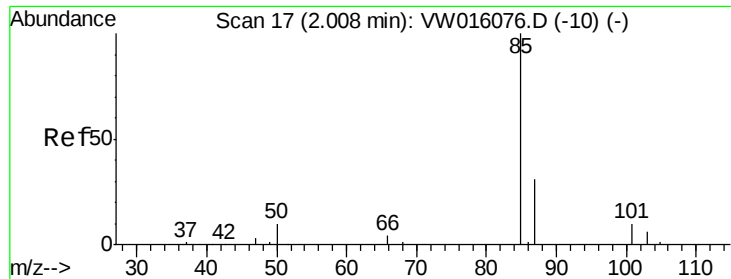
Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW080720\
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Quant Time: Aug 08 05:13:27 2020
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 Quant Title : VOC Analysis
 QLast Update : Sat Aug 08 05:08:58 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	7.52	128	55463	29.066	ug/L	77
25) Chloroform	7.68	83	205785	27.090	ug/L	99
27) 1,2-Dichloroethane	8.40	62	122302	23.661	ug/L #	94
30) Cyclohexane	7.96	56	154581	21.388	ug/L	93
31) 1,1,1-Trichloroethane	7.87	97	172244	25.735	ug/L	96
32) Carbon tetrachloride	8.07	117	157749	25.992	ug/L	99
34) Benzene	8.32	78	447686	25.716	ug/L	100
35) Trichloroethene	9.09	95	117699	25.558	ug/L	93
36) Methylcyclohexane	9.34	83	187153	23.684	ug/L	95
40) 1,2-Dichloropropane	9.37	63	108708	25.206	ug/L	98
41) Bromodichloromethane	9.65	83	145622	26.146	ug/L	96
42) cis-1,3-Dichloropropene	10.07	75	163311	24.863	ug/L	98
43) 4-Methyl-2-pentanone	10.21	43	122525	48.673	ug/L #	94
44) Toluene	10.39	91	499792	27.373	ug/L	98
45) trans-1,3-Dichloropropene	10.61	75	141905	24.925	ug/L	100
46) 1,1,2-Trichloroethane	10.79	97	85866	27.687	ug/L	97
47) Tetrachloroethene	10.87	164	99601	27.863	ug/L	89
49) 2-Hexanone	10.97	43	84184	47.126	ug/L #	94
50) Dibromochloromethane	11.13	129	104359	29.065	ug/L	99
51) 1,2-Dibromoethane	11.24	107	80695	27.199	ug/L	97
52) Chlorobenzene	11.66	112	321284	27.460	ug/L	97
53) Ethylbenzene	11.73	91	552415	26.905	ug/L	99
54) m,p-Xylene	11.84	106	210949	27.462	ug/L	92
55) o-xylene	12.17	106	205263	28.378	ug/L	100
56) Styrene	12.18	104	353710	28.755	ug/L	100
57) Isopropylbenzene	12.47	105	550445	27.955	ug/L	97
58) 1,1,1,2,2-Tetrachloroethane	12.72	83	99947	27.445	ug/L	99
59) 1,2,3-Trichloropropane	12.77	75	71748	26.295	ug/L	99
62) Bromoform	12.35	173	61693	30.342	ug/L	99
63) 1,3-Dichlorobenzene	13.50	146	247166	27.941	ug/L	99
64) 1,4-Dichlorobenzene	13.58	146	238348	26.548	ug/L	98
65) 1,2-Dichlorobenzene	13.87	146	228085	28.386	ug/L	97
66) 1,2-Dibromo-3-chloropropan	14.49	75	15041	24.870	ug/L	95
67) 1,3,5-Trichlorobenzene	14.63	180	167265	26.891	ug/L	99
68) 1,2,4-trichlorobenzene	15.13	180	126897	25.685	ug/L	100
69) Naphthalene	15.37	128	241108	25.904	ug/L	99
70) 1,2,3-Trichlorobenzene	15.56	180	116899	26.555	ug/L	98

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



#2

Dichlorodifluoromethane

Concen: 20.742 ug/L

RT: 2.01 min Scan# 17

Delta R.T. 0.00 min

Lab File: VW016096.D

Acq: 08 Aug 2020 01:40

Instrument :

MSVOA_W

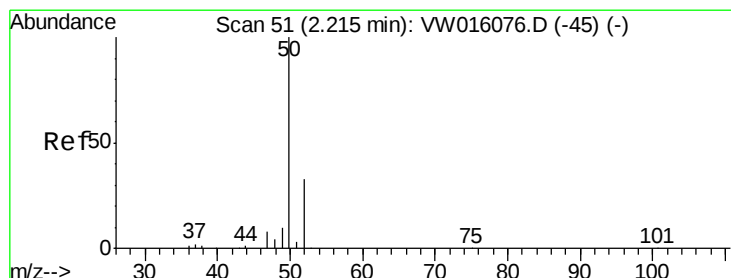
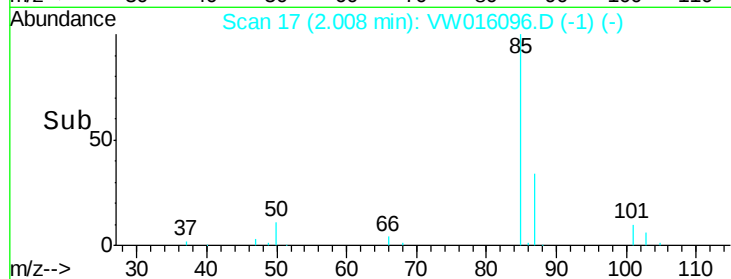
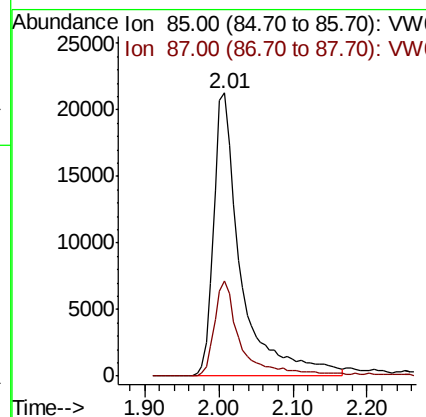
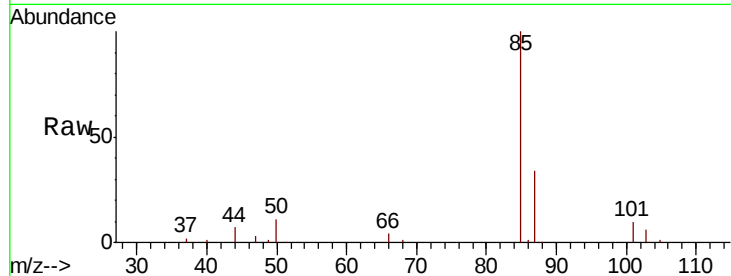
ClientSampleId :

Tot Ion: 85 Resp: 53779

Ion Ratio Lower Upper

85 100

87 28.8 21.0 39.0



#3

Chloromethane

Concen: 19.135 ug/L

RT: 2.21 min Scan# 50

Delta R.T. -0.01 min

Lab File: VW016096.D

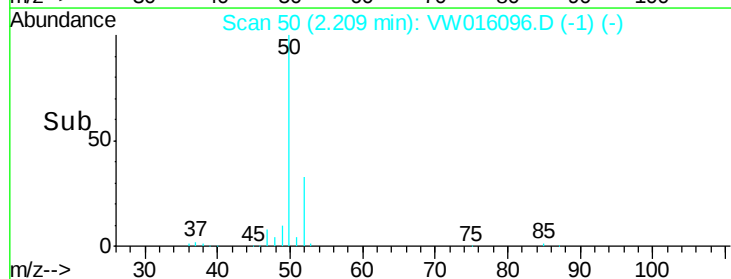
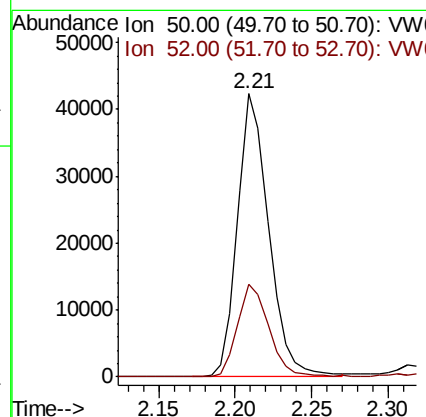
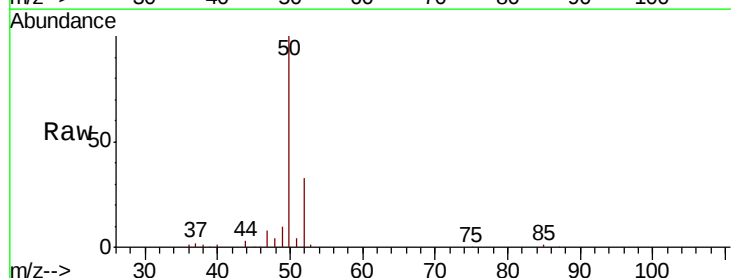
Acq: 08 Aug 2020 01:40

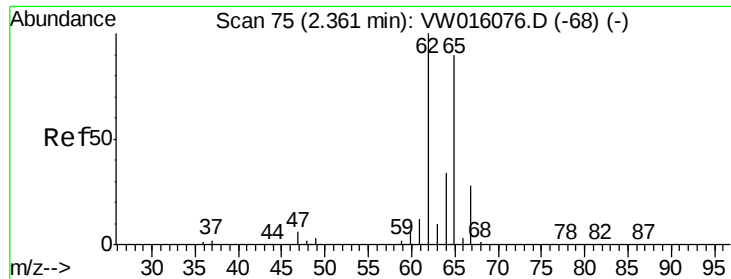
Tgt Ion: 50 Resp: 60002

Ion Ratio Lower Upper

50 100

52 32.6 22.8 42.4





#5

Vinyl chloride

Concen: 19.383 ug/L

RT: 2.36 min Scan# 75

Delta R.T. 0.00 min

Lab File: VW016096.D

Acq: 08 Aug 2020 01:40

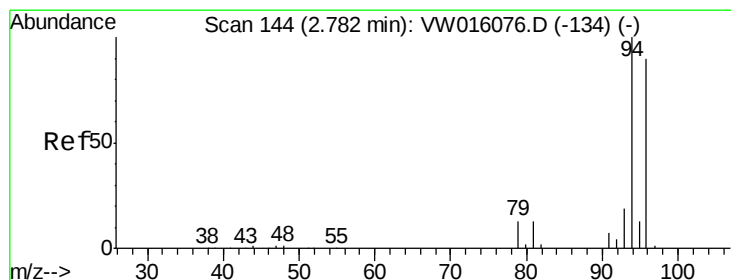
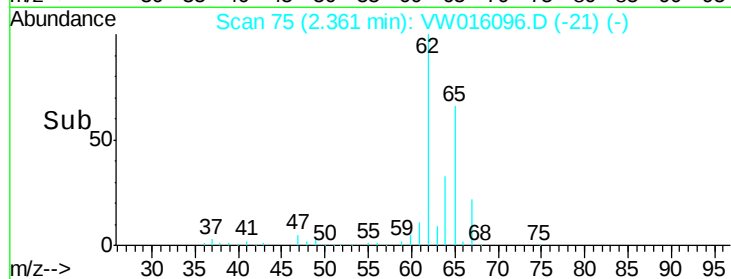
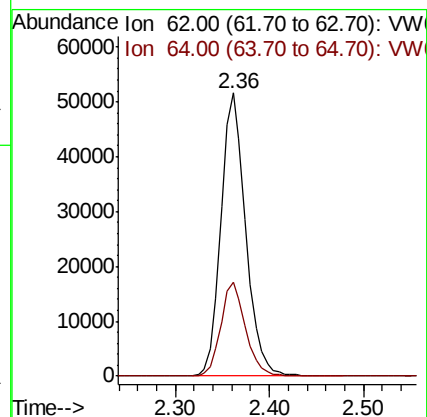
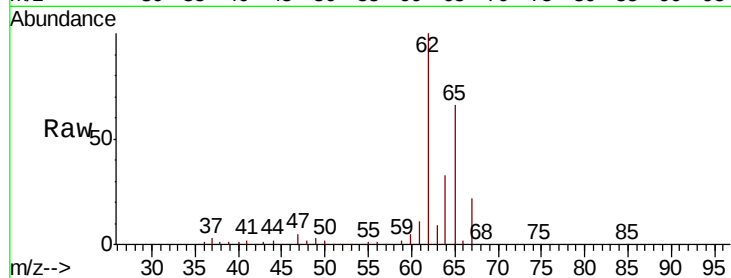
Instrument :
MSVOA_W
ClientSampled :

Tot Ion: 62 Resp: 93744

Ion Ratio Lower Upper

62 100

64 33.0 23.2 43.0



#6

Bromomethane

Concen: 21.446 ug/L

RT: 2.78 min Scan# 143

Delta R.T. -0.01 min

Lab File: VW016096.D

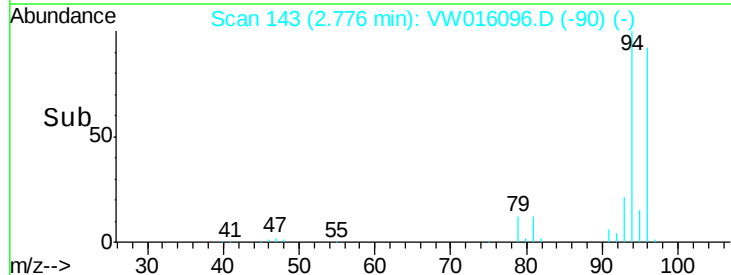
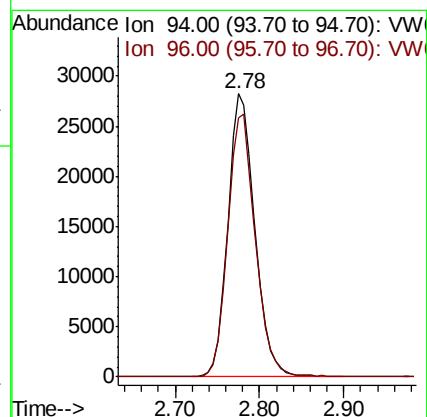
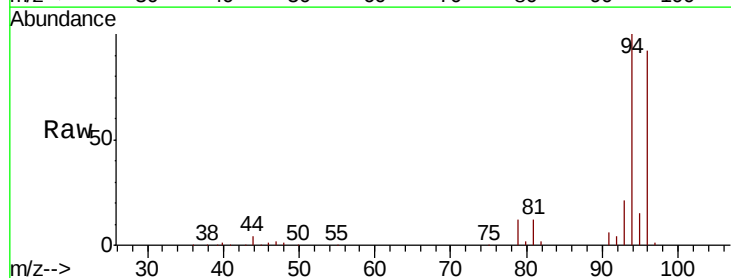
Acq: 08 Aug 2020 01:40

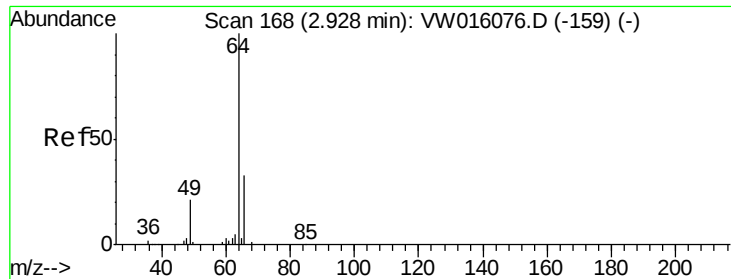
Tgt Ion: 94 Resp: 61879

Ion Ratio Lower Upper

94 100

96 94.7 9.5 180.1





#8

Chloroethane

Concen: 20.897 ug/L

RT: 2.92 min Scan# 167

Delta R.T. -0.01 min

Lab File: VW016096.D

Acq: 08 Aug 2020 01:40

Instrument :

MSVOA_W

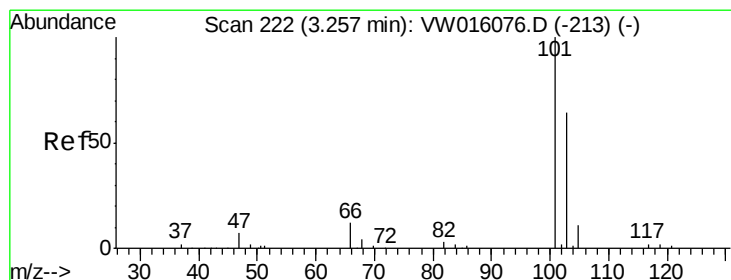
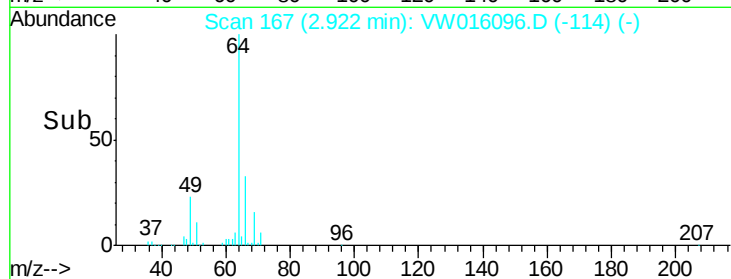
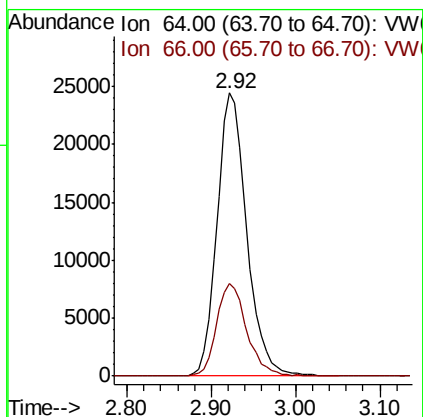
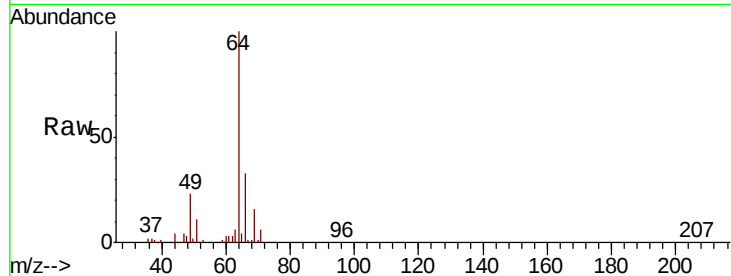
ClientSampled :

Tot Ion: 64 Resp: 59205

Ion Ratio Lower Upper

64 100

66 32.5 21.8 40.4



#9

Trichlorofluoromethane

Concen: 24.462 ug/L

RT: 3.26 min Scan# 222

Delta R.T. 0.00 min

Lab File: VW016096.D

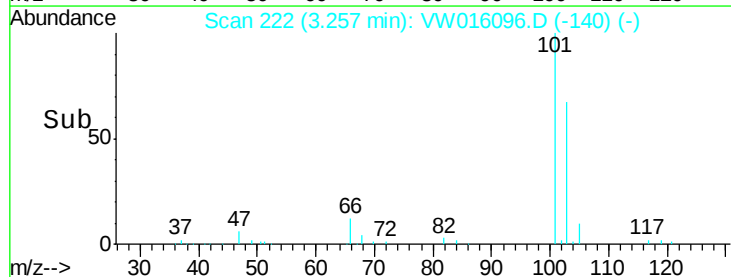
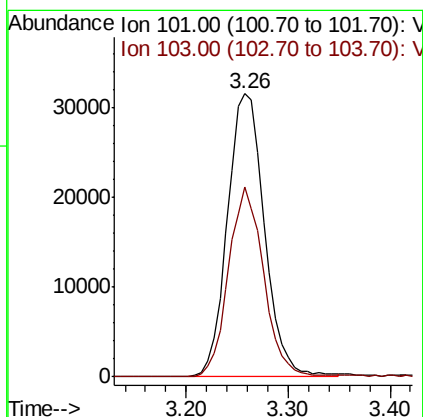
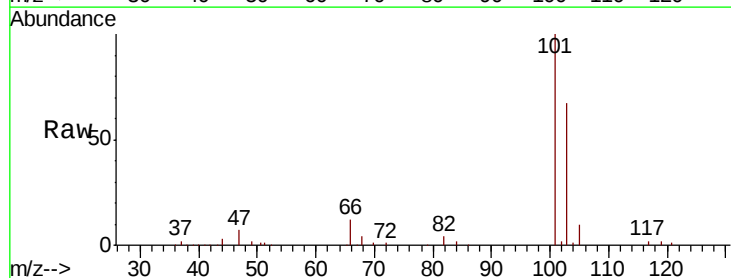
Acq: 08 Aug 2020 01:40

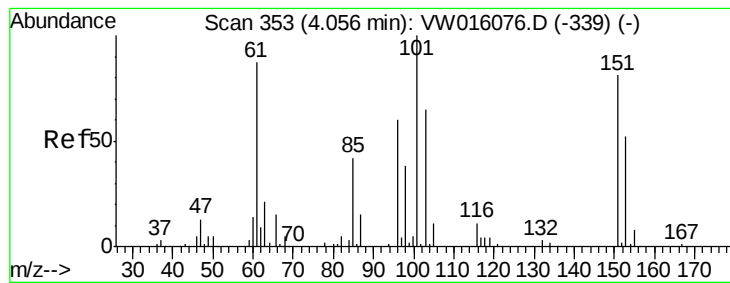
Tgt Ion:101 Resp: 79523

Ion Ratio Lower Upper

101 100

103 63.3 45.8 85.2





#11

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

Concen: 25.815 ug/L

RT: 4.06 min Scan# 354

Delta R.T. 0.01 min

Lab File: VW016096.D

Acq: 08 Aug 2020 01:40

Instrument :

MSVOA_W

ClientSampleId :

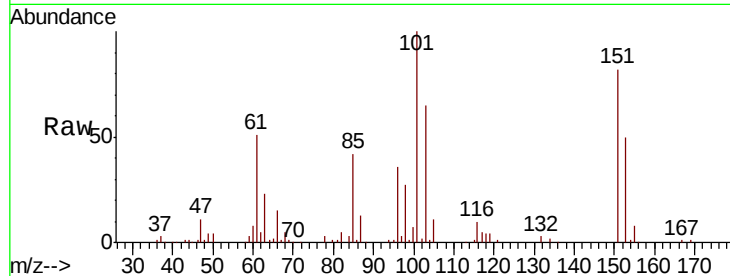
Tot Ion:101 Resp: 102585

Ion Ratio Lower Upper

101 100

85 41.5 35.5 53.3

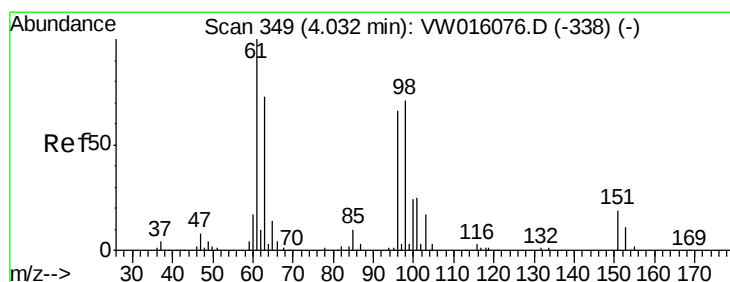
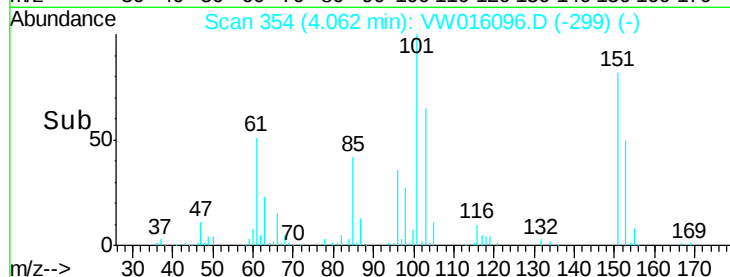
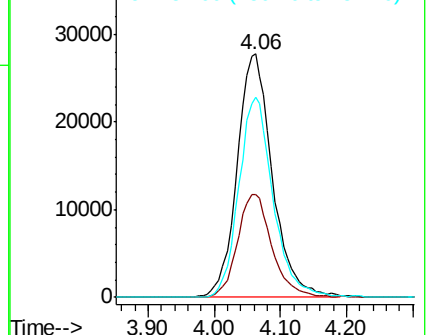
151 80.1 58.4 87.6



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VW

Ion 151.00 (150.70 to 151.70): V



#12

1,1-Dichloroethene

Concen: 25.427 ug/L

RT: 4.03 min Scan# 349

Delta R.T. 0.00 min

Lab File: VW016096.D

Acq: 08 Aug 2020 01:40

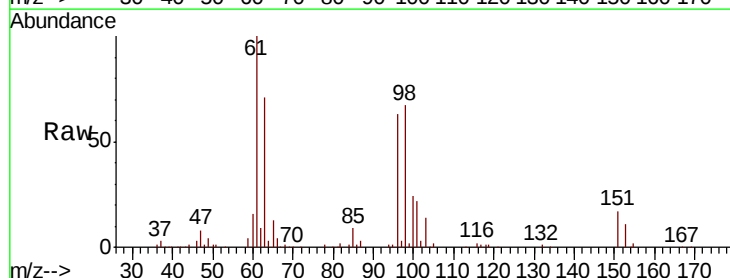
Tgt Ion: 96 Resp: 100152

Ion Ratio Lower Upper

96 100

61 159.9 125.0 232.2

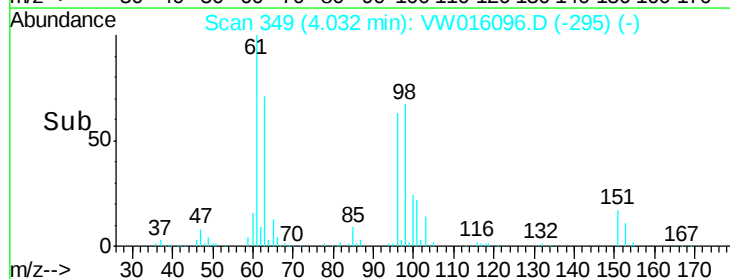
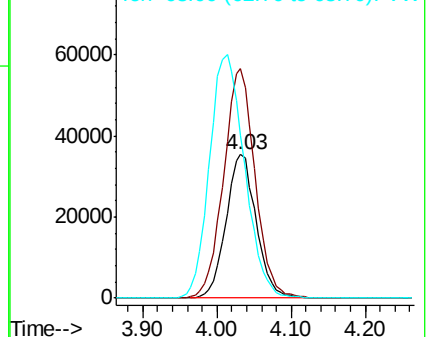
63 113.1 82.3 152.8

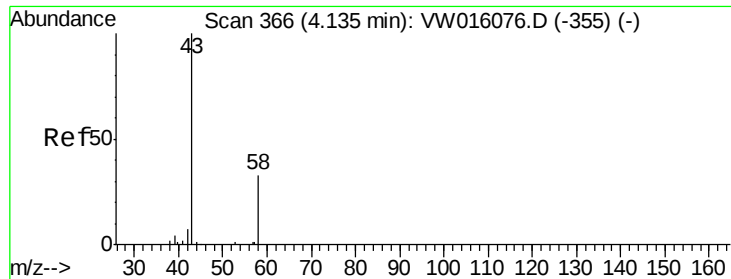


Abundance Ion 96.00 (95.70 to 96.70): VW

Ion 61.00 (60.70 to 61.70): VW

Ion 63.00 (62.70 to 63.70): VW





#13

Acetone

Concen: 36.784 ug/L

RT: 4.12 min Scan# 364

Delta R.T. -0.01 min

Lab File: VW016096.D

Acq: 08 Aug 2020 01:40

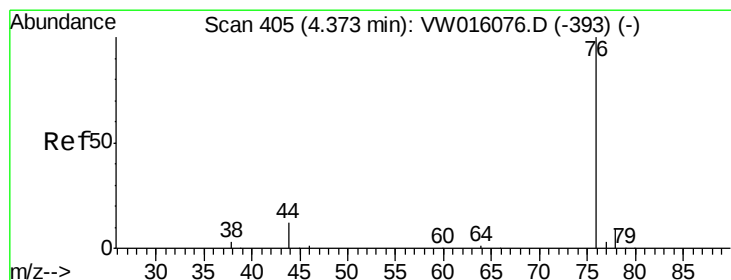
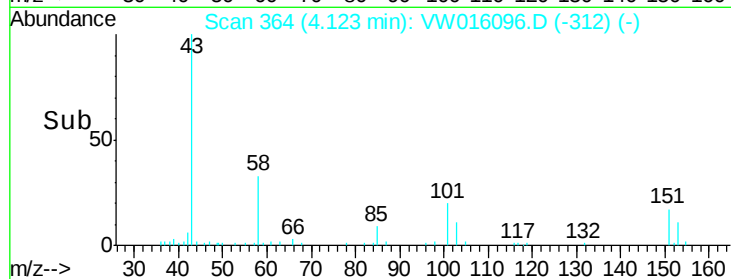
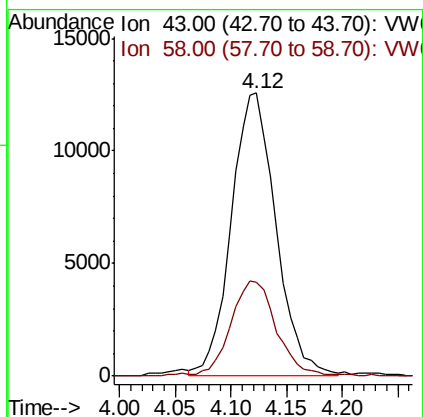
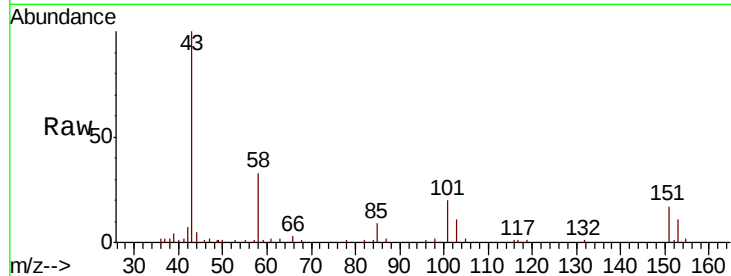
Instrument :
MSVOA_W
ClientSampleId :

Tot Ion: 43 Resp: 35083

Ion Ratio Lower Upper

43 100

58 33.2 0.0 58.2



#14

Carbon disulfide

Concen: 21.023 ug/L

RT: 4.37 min Scan# 405

Delta R.T. 0.00 min

Lab File: VW016096.D

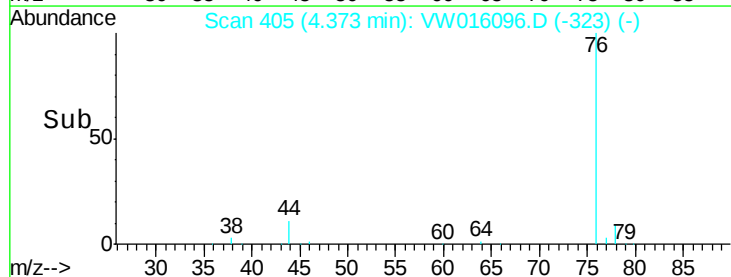
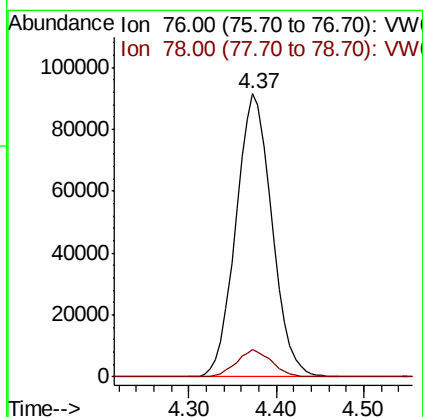
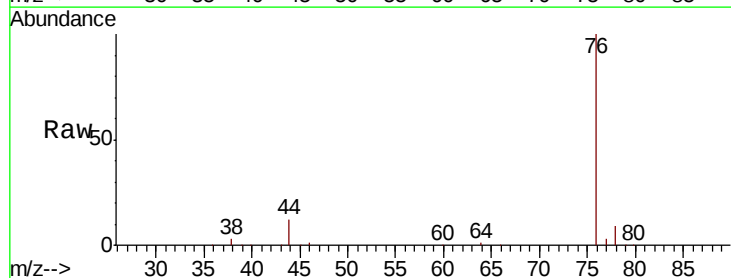
Acq: 08 Aug 2020 01:40

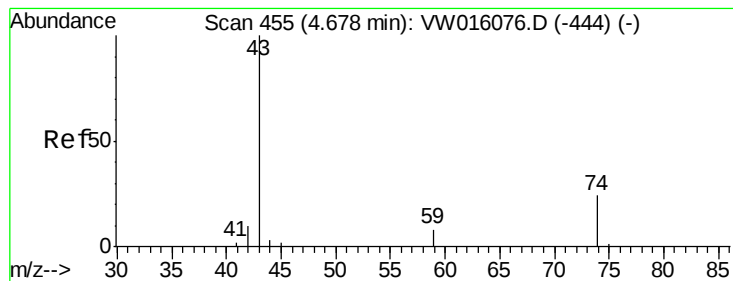
Tgt Ion: 76 Resp: 261508

Ion Ratio Lower Upper

76 100

78 9.5 7.2 10.8





#15

Methyl Acetate

Concen: 23.569 ug/L

RT: 4.67 min Scan# 453

Delta R.T. -0.01 min

Lab File: VW016096.D

Acq: 08 Aug 2020 01:40

Instrument :

MSVOA_W

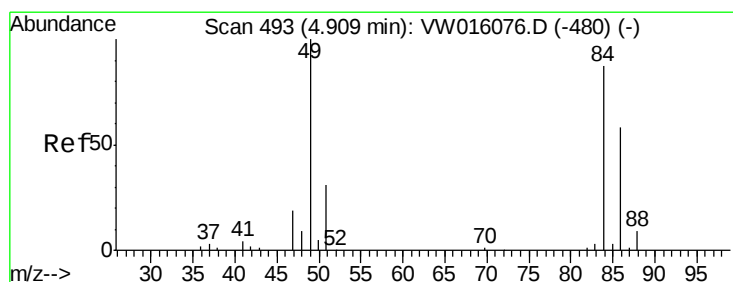
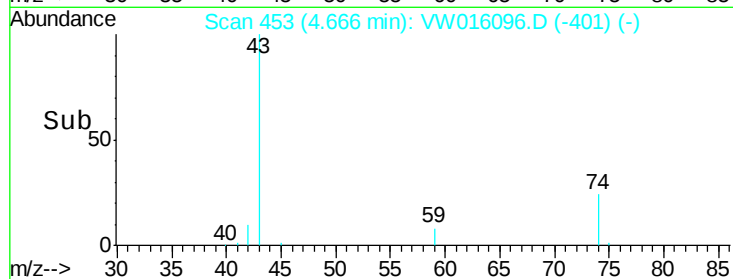
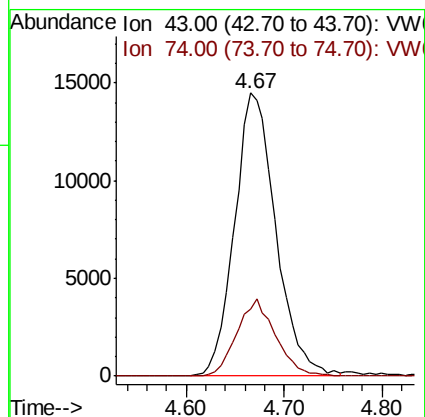
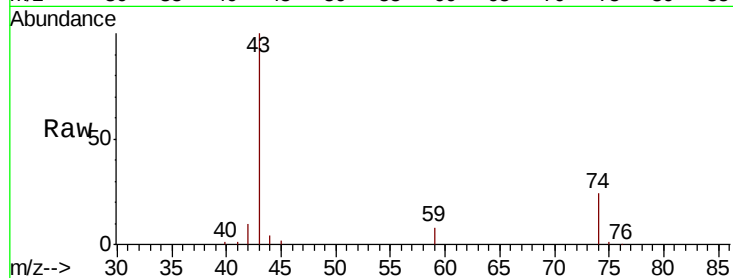
ClientSampleId :

Tot Ion: 43 Resp: 42384

Ion Ratio Lower Upper

43 100

74 25.5 18.2 27.2



#16

Methylene chloride

Concen: 29.365 ug/L

RT: 4.91 min Scan# 493

Delta R.T. 0.00 min

Lab File: VW016096.D

Acq: 08 Aug 2020 01:40

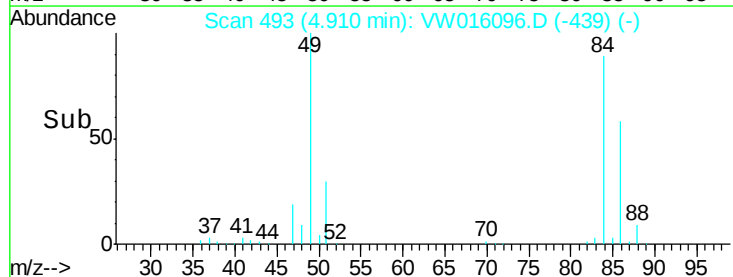
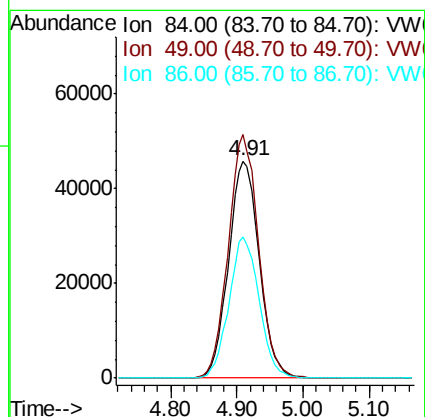
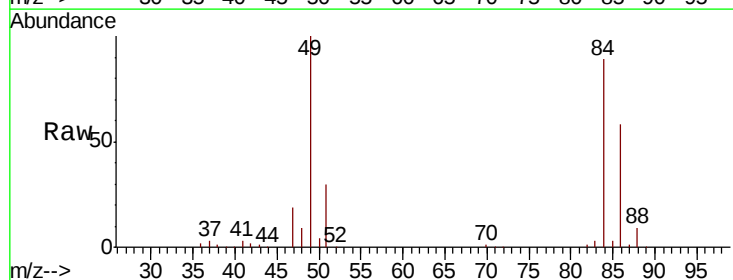
Tgt Ion: 84 Resp: 147432

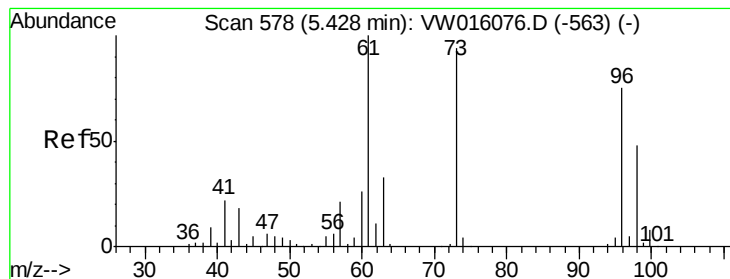
Ion Ratio Lower Upper

84 100

49 112.3 91.1 169.1

86 65.4 46.0 85.4





#17

Methvl tert-butvl Ether

Concen: 27.221 ug/L

RT: 5.43 min Scan# 578

Delta R.T. 0.00 min

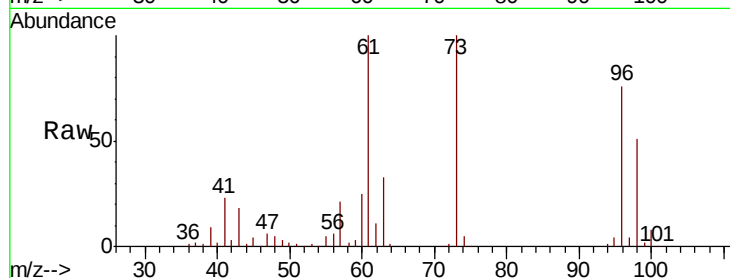
Lab File: VW016096.D

Acq: 08 Aug 2020 01:40

Instrument :
MSVOA_W
ClientSampleId :

Tot Ion: 73 Resp: 151613

Ion	Ratio	Lower	Upper
73	100		
43	19.2	18.4	27.6
57	21.4	17.8	26.8

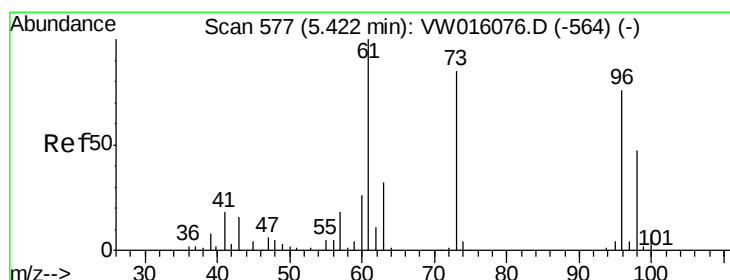
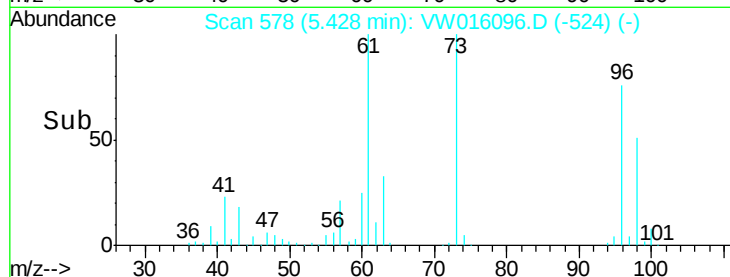
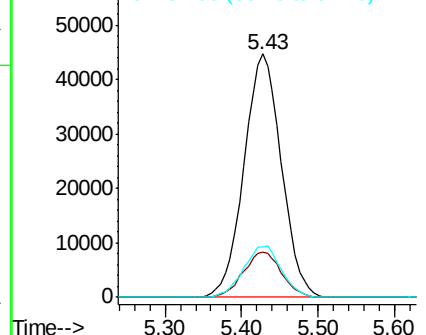


Abundance

Ion 73.00 (72.70 to 73.70): VW

Ion 43.00 (42.70 to 43.70): VW

Ion 57.00 (56.70 to 57.70): VW



#18

trans-1,2-Dichloroethene

Concen: 25.967 ug/L

RT: 5.42 min Scan# 577

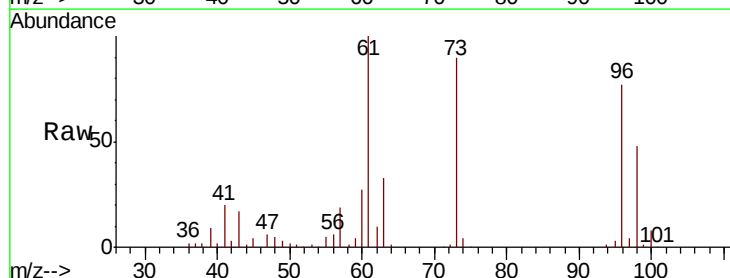
Delta R.T. 0.00 min

Lab File: VW016096.D

Acq: 08 Aug 2020 01:40

Tgt Ion: 96 Resp: 108003

Ion	Ratio	Lower	Upper
96	100		
61	130.6	99.3	184.5
98	62.5	42.9	79.7

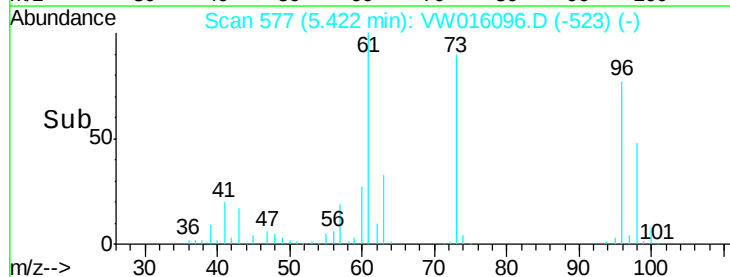
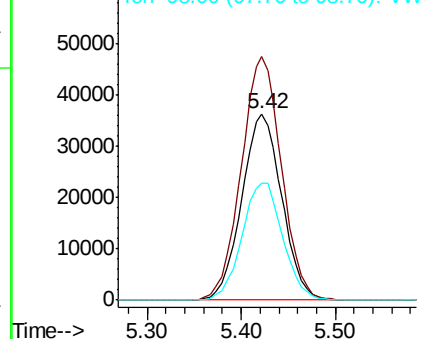


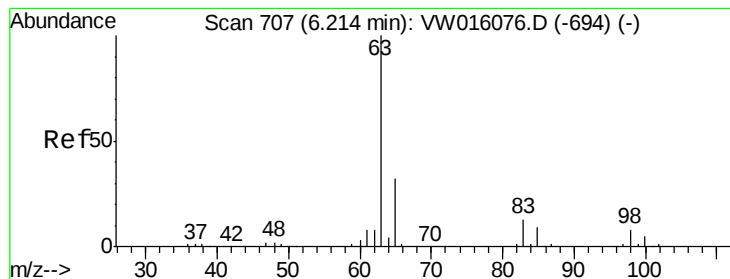
Abundance

Ion 96.00 (95.70 to 96.70): VW

Ion 61.00 (60.70 to 61.70): VW

Ion 98.00 (97.70 to 98.70): VW





#19

1,1-Dichloroethane

Concen: 25.214 ug/L

RT: 6.21 min Scan# 707

Delta R.T. 0.00 min

Lab File: VW016096.D

Acq: 08 Aug 2020 01:40

Instrument :

MSVOA_W

ClientSampleId :

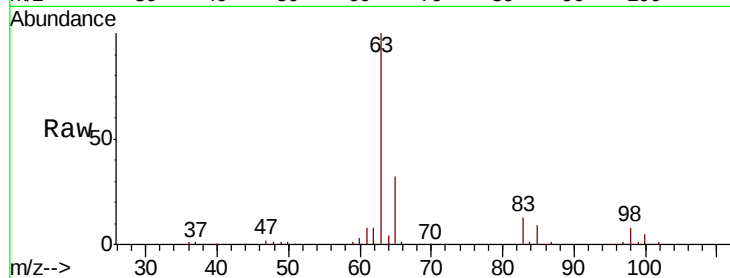
Tot Ion: 63 Resp: 193259

Ion Ratio Lower Upper

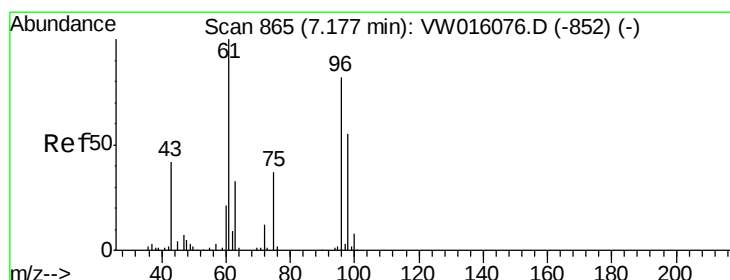
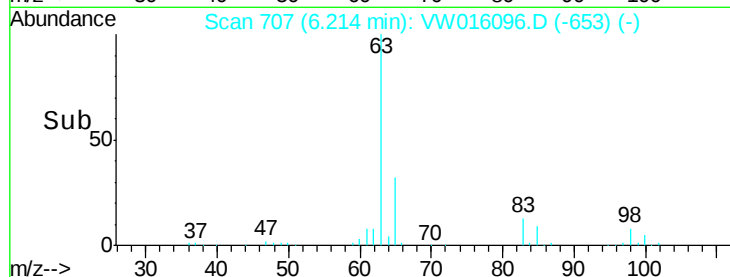
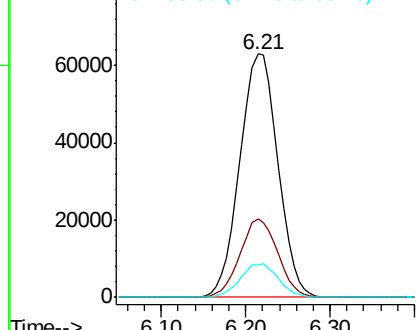
63 100

65 32.4 22.2 41.2

83 13.4 9.8 18.2



Abundance Ion 63.00 (62.70 to 63.70): VW
Ion 65.00 (64.70 to 65.70): VW
Ion 83.00 (82.70 to 83.70): VW



#21

2-Butanone

Concen: 48.544 ug/L

RT: 7.17 min Scan# 864

Delta R.T. -0.01 min

Lab File: VW016096.D

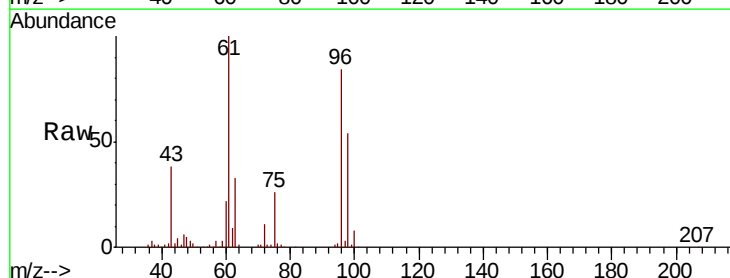
Acq: 08 Aug 2020 01:40

Tgt Ion: 43 Resp: 57253

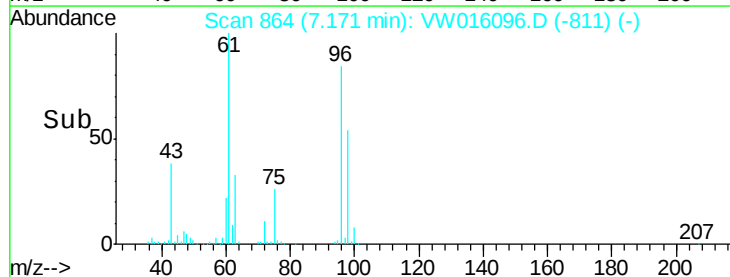
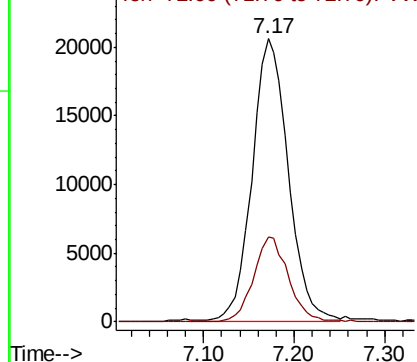
Ion Ratio Lower Upper

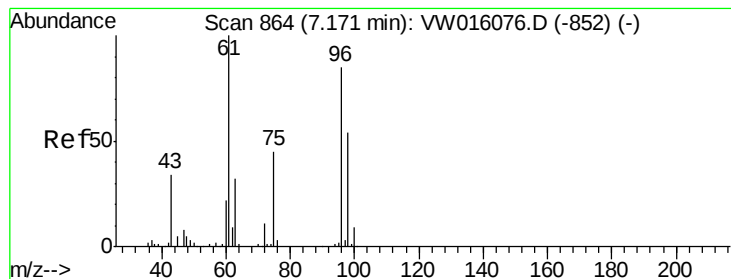
43 100

72 28.8 13.9 41.7



Abundance Ion 43.00 (42.70 to 43.70): VW
Ion 72.00 (71.70 to 72.70): VW



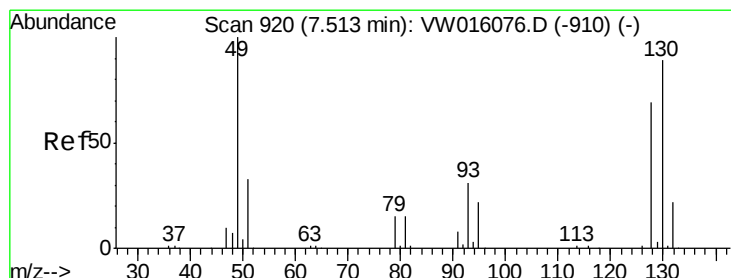
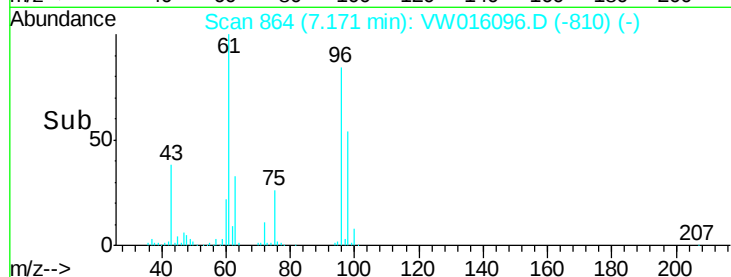
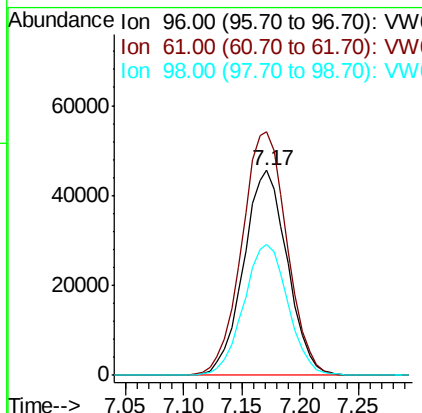
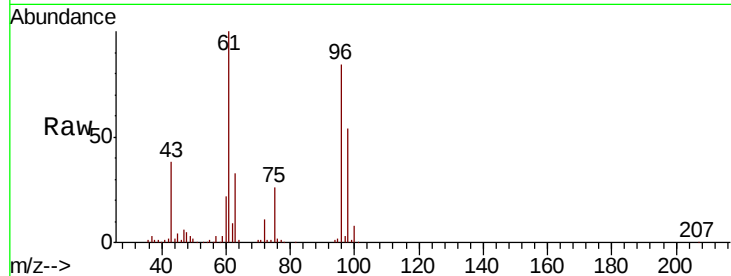


#22

cis-1,2-Dichloroethene
Concen: 27.450 ug/L
RT: 7.17 min Scan# 864
Delta R.T. 0.00 min
Lab File: VW016096.D
Acq: 08 Aug 2020 01:40

Instrument :
MSVOA_W
ClientSampled :

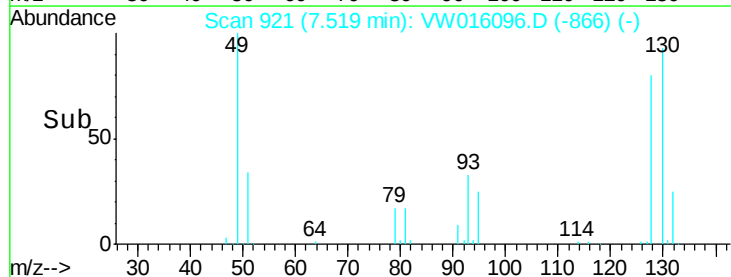
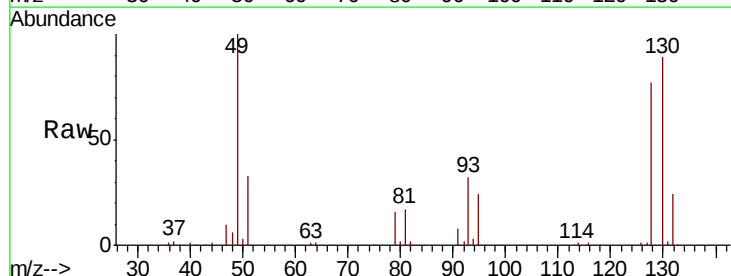
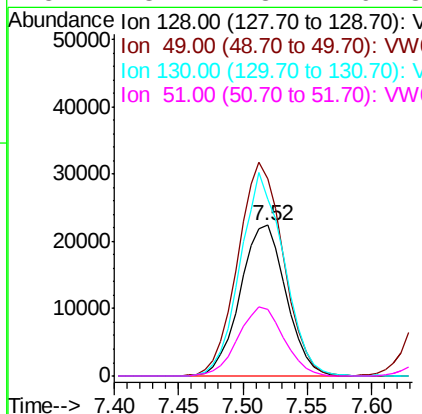
Tot Ion	96	Resp	119452
Ion	Ratio	Lower	Upper
96	100		
61	118.9	94.6	175.8
98	64.2	44.3	82.3

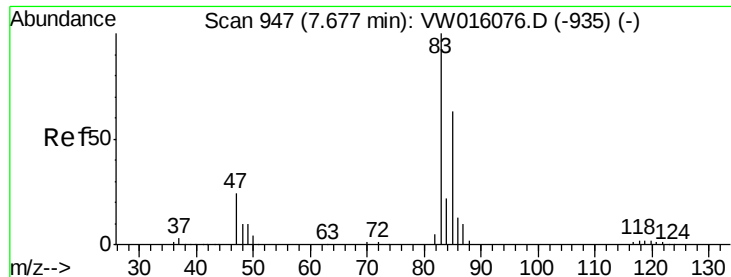


#23

Bromochloromethane
Concen: 29.066 ug/L
RT: 7.52 min Scan# 921
Delta R.T. 0.01 min
Lab File: VW016096.D
Acq: 08 Aug 2020 01:40

Tgt Ion	128	Resp	55463
Ion	Ratio	Lower	Upper
128	100		
49	130.5	122.4	227.2
130	116.6	93.9	174.5
51	43.7	43.2	64.8

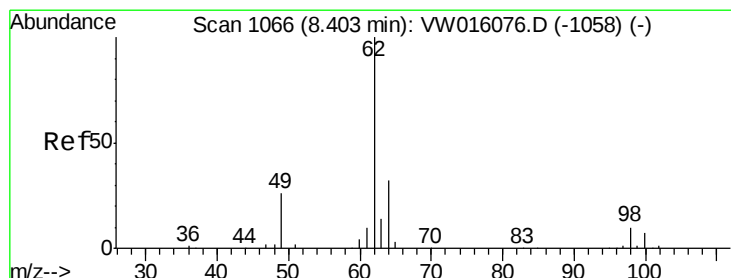
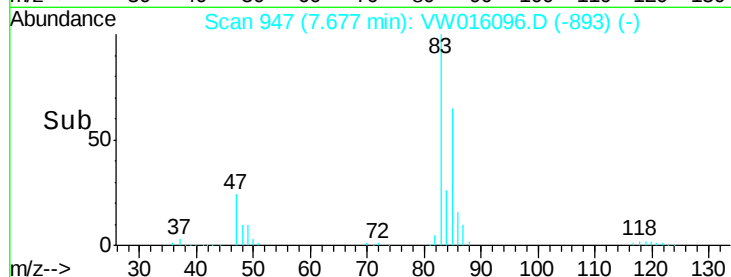
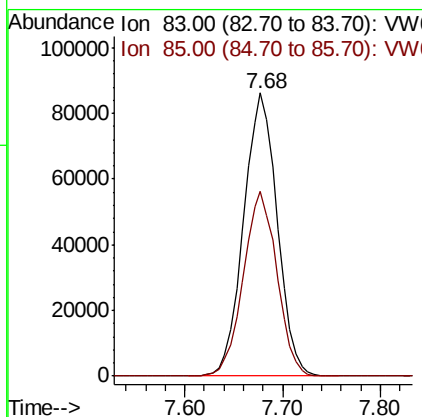
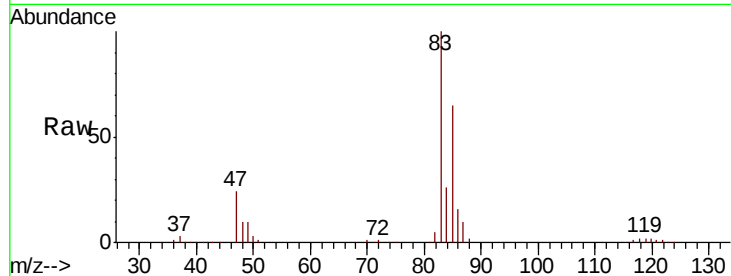




#25
Chloroform
Concen: 27.090 ug/L
RT: 7.68 min Scan# 947
Delta R.T. 0.00 min
Lab File: VW016096.D
Acq: 08 Aug 2020 01:40

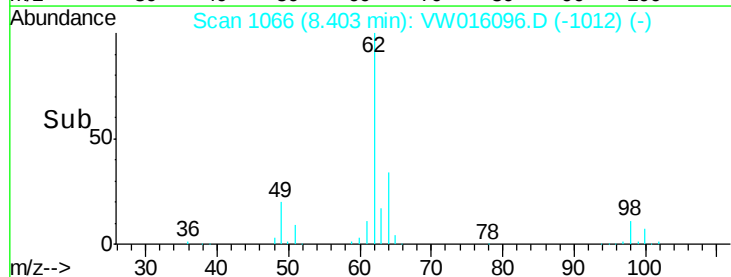
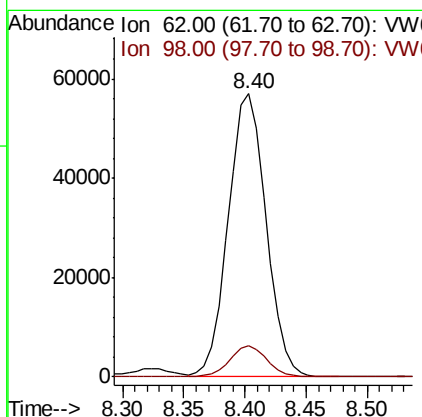
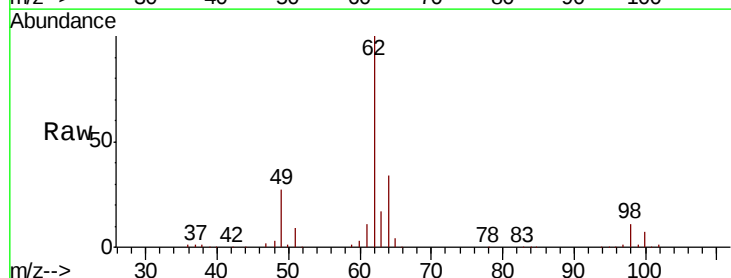
Instrument :
MSVOA_W
ClientSampled :

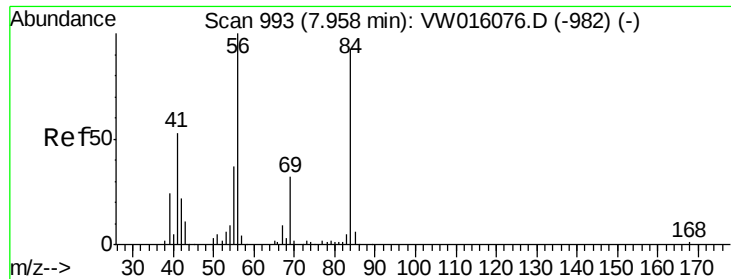
Tot Ion: 83 Resp: 205785
Ion Ratio Lower Upper
83 100
85 65.5 46.5 86.5



#27
1,2-Dichloroethane
Concen: 23.661 ug/L
RT: 8.40 min Scan# 1066
Delta R.T. 0.00 min
Lab File: VW016096.D
Acq: 08 Aug 2020 01:40

Tgt Ion: 62 Resp: 122302
Ion Ratio Lower Upper
62 100
98 10.9 7.0 10.6#

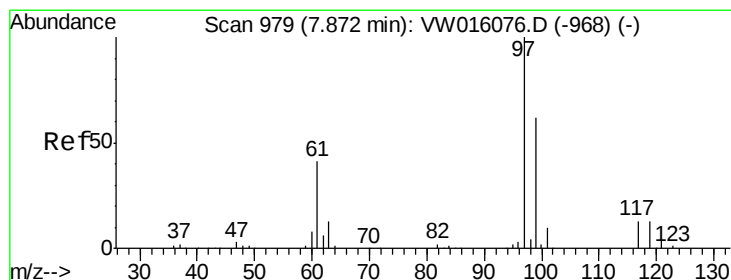
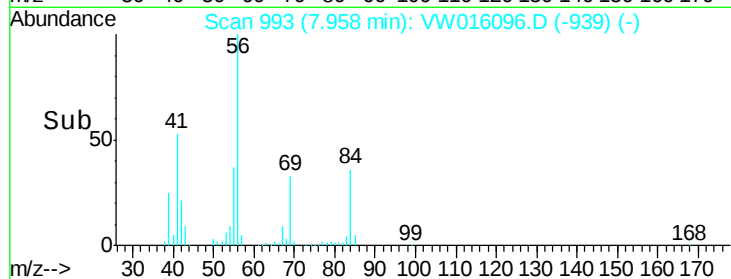
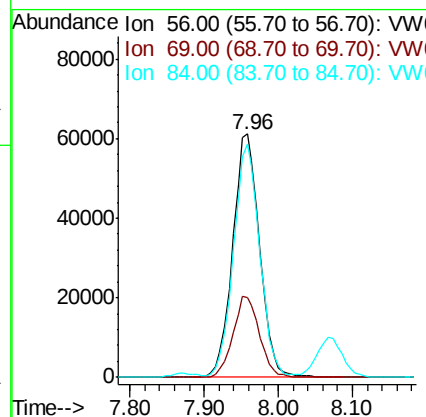
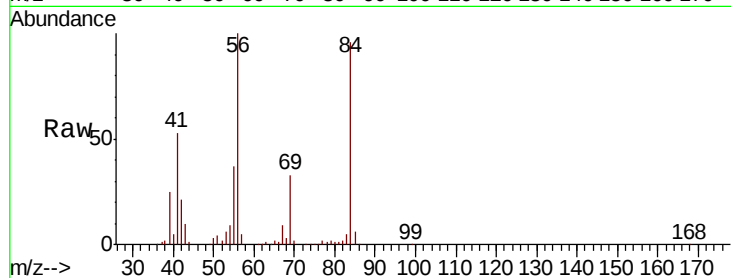




#30
Cyclohexane
Concen: 21.388 ug/L
RT: 7.96 min Scan# 993
Delta R.T. 0.00 min
Lab File: VW016096.D
Acq: 08 Aug 2020 01:40

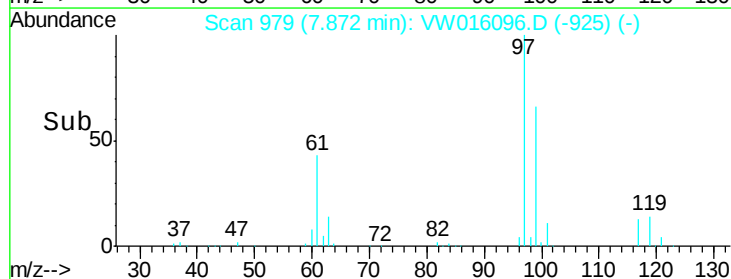
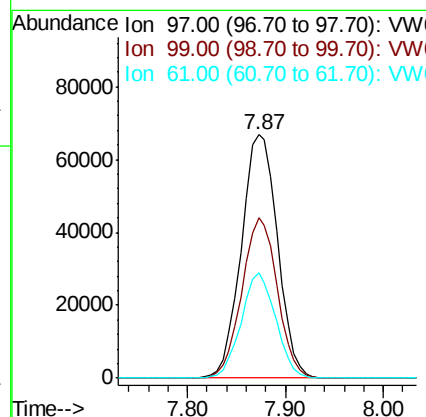
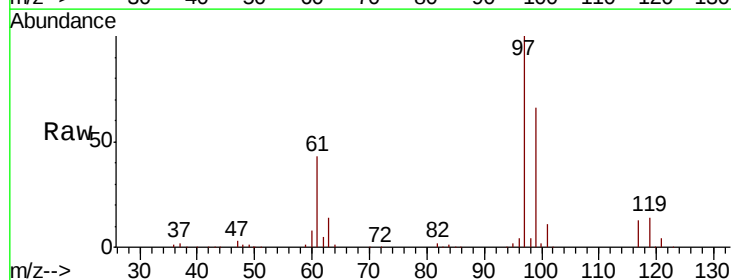
Instrument :
MSVOA_W
ClientSampled :

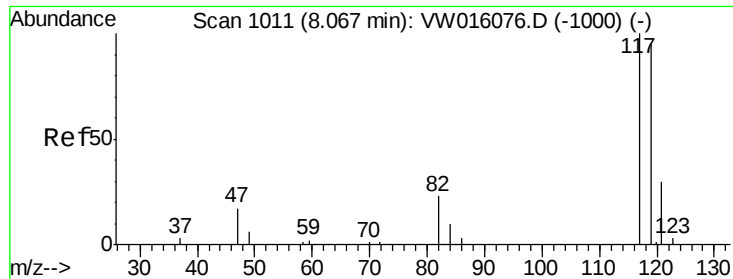
Tot Ion	Ratio	Lower	Upper
56	100		
69	32.4	24.4	36.6
84	93.6	69.3	103.9



#31
1,1,1-Trichloroethane
Concen: 25.735 ug/L
RT: 7.87 min Scan# 979
Delta R.T. 0.00 min
Lab File: VW016096.D
Acq: 08 Aug 2020 01:40

Tgt Ion	Ratio	Lower	Upper
97	100		
99	64.3	51.9	77.9
61	41.4	37.6	56.4





#32

Carbon tetrachloride

Concen: 25.992 ug/L

RT: 8.07 min Scan# 1012

Delta R.T. 0.01 min

Lab File: VW016096.D

Acq: 08 Aug 2020 01:40

Instrument :

MSVOA_W

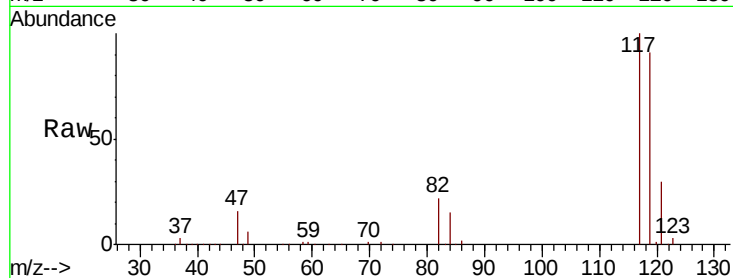
ClientSampleId :

Tot Ion:117 Resp: 157749

Ion Ratio Lower Upper

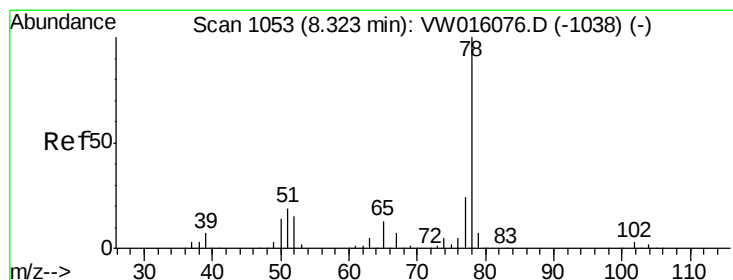
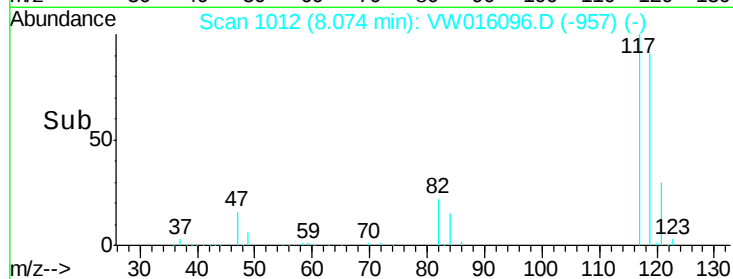
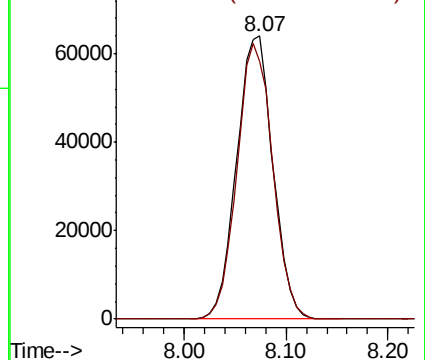
117 100

119 96.1 76.4 114.6



Abundance Ion 117.00 (116.70 to 117.70): V

Ion 119.00 (118.70 to 119.70): V



#34

Benzene

Concen: 25.716 ug/L

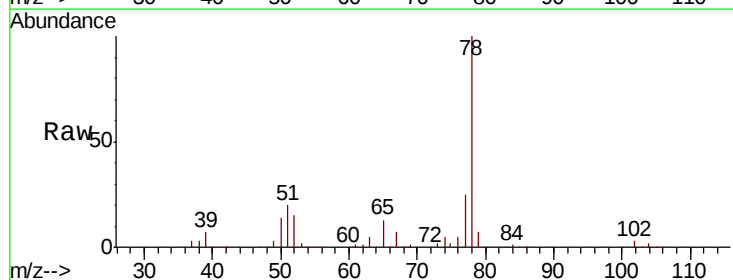
RT: 8.32 min Scan# 1053

Delta R.T. 0.00 min

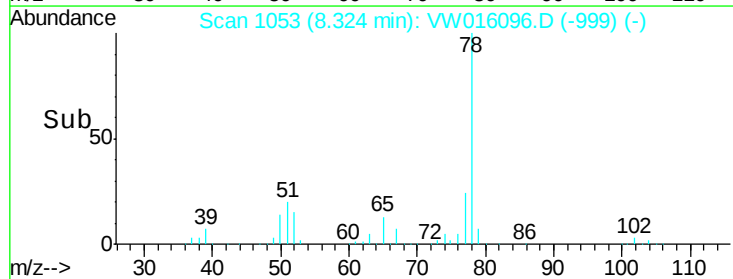
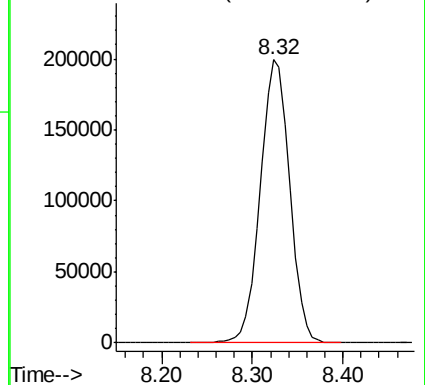
Lab File: VW016096.D

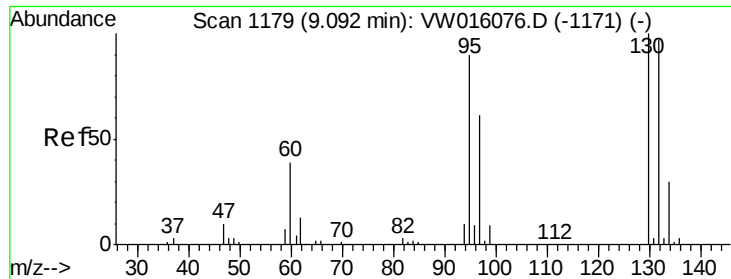
Acq: 08 Aug 2020 01:40

Tgt Ion: 78 Resp: 447686



Abundance Ion 78.00 (77.70 to 78.70): VW

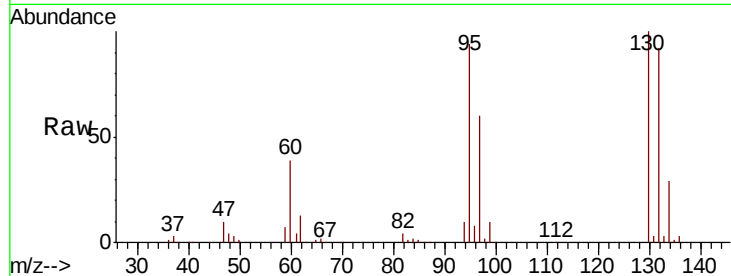




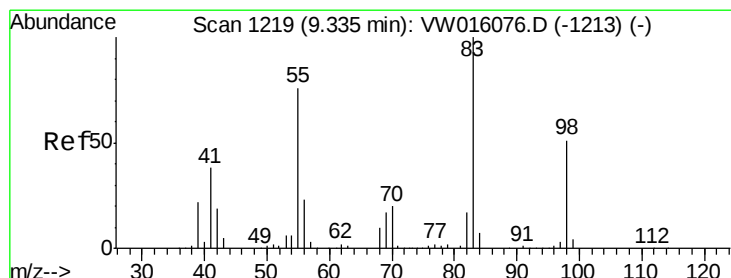
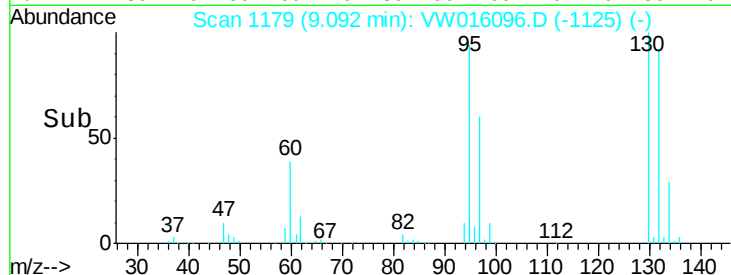
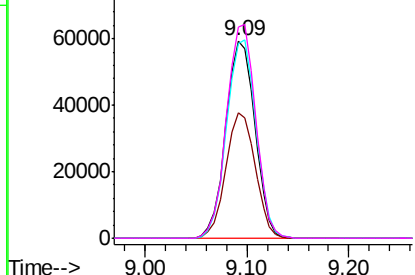
#35
 Trichloroethene
 Concen: 25.558 ug/L
 RT: 9.09 min Scan# 1179
 Delta R.T. 0.00 min
 Lab File: VW016096.D
 Acq: 08 Aug 2020 01:40

Instrument :
 MSVOA_W
 ClientSampled :

Tot Ion: 95 Resp: 117699
 Ion Ratio Lower Upper
 95 100
 97 64.0 44.4 82.4
 132 101.1 65.1 120.9
 130 107.9 68.6 127.4

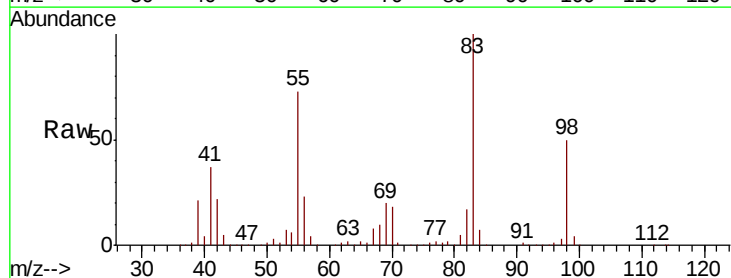


Abundance Ion 95.00 (94.70 to 95.70): VW
 Ion 97.00 (96.70 to 97.70): VW
 Ion 132.00 (131.70 to 132.70): V
 Ion 130.00 (129.70 to 130.70): V

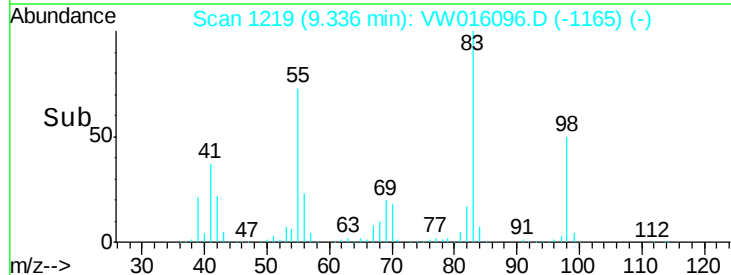
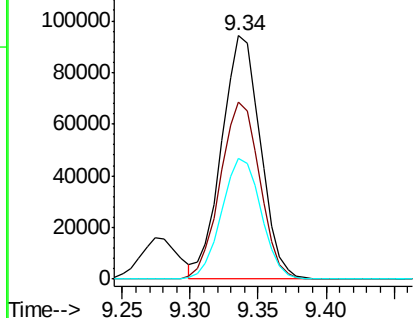


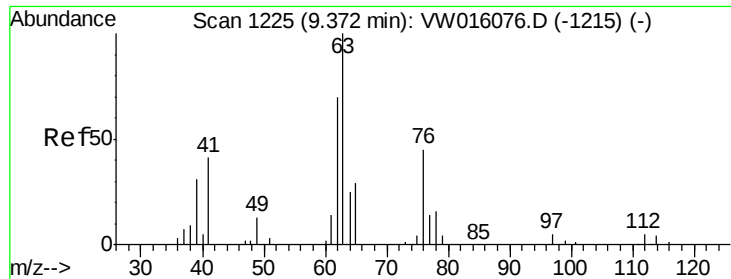
#36
 Methylcyclohexane
 Concen: 23.684 ug/L
 RT: 9.34 min Scan# 1219
 Delta R.T. 0.00 min
 Lab File: VW016096.D
 Acq: 08 Aug 2020 01:40

Tgt Ion: 83 Resp: 187153
 Ion Ratio Lower Upper
 83 100
 55 74.0 63.5 95.3
 98 50.7 39.0 58.4



Abundance Ion 83.00 (82.70 to 83.70): VW
 Ion 55.00 (54.70 to 55.70): VW
 Ion 98.00 (97.70 to 98.70): VW

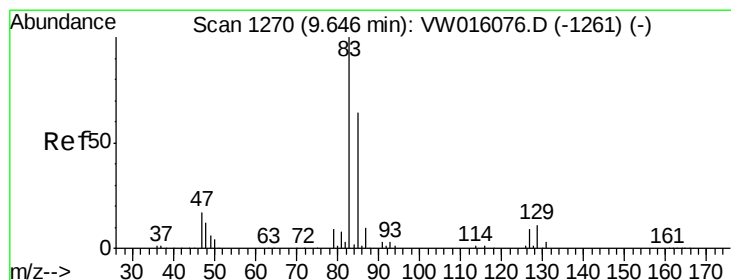
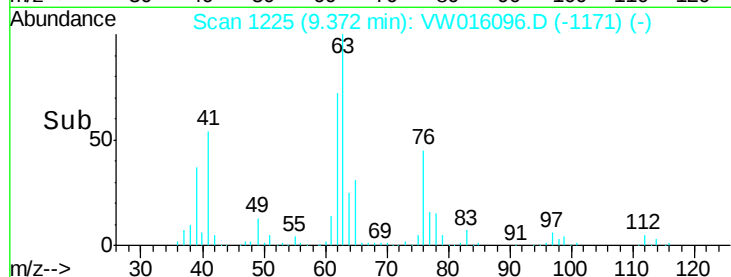
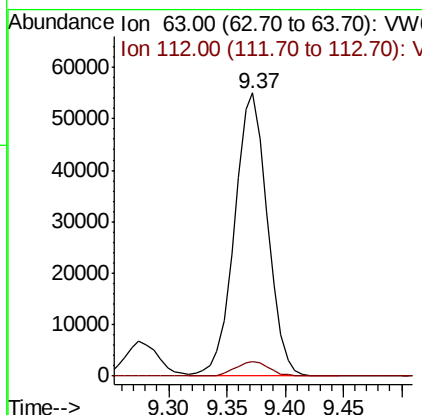
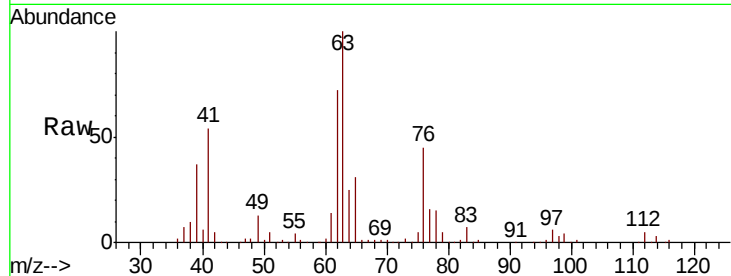




#40
 1,2-Dichloropropane
 Concen: 25.206 ug/L
 RT: 9.37 min Scan# 1225
 Delta R.T. 0.00 min
 Lab File: VW016096.D
 Acq: 08 Aug 2020 01:40

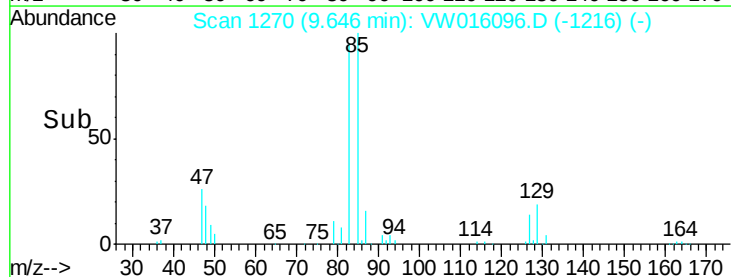
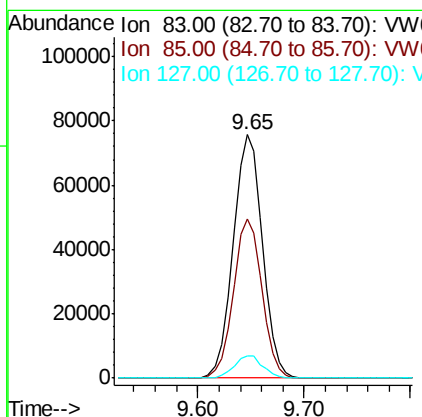
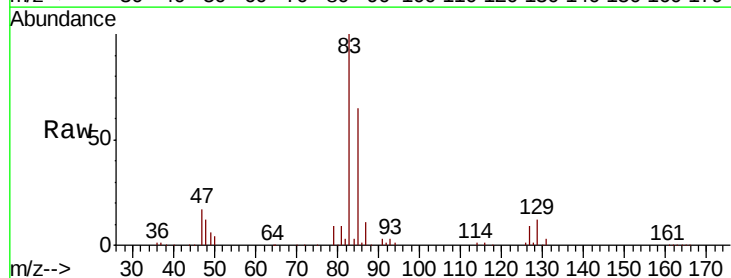
Instrument :
 MSVOA_W
 ClientSampleId :

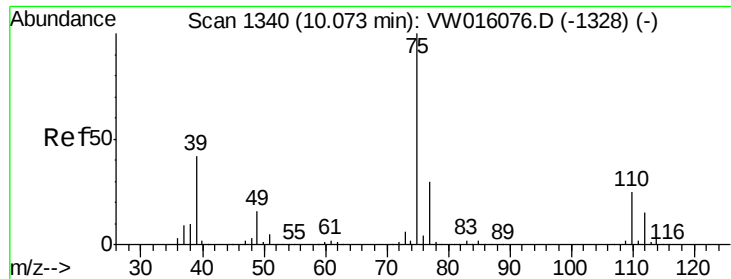
Tot Ion: 63 Resp: 108708
 Ion Ratio Lower Upper
 63 100
 112 5.3 3.7 5.5



#41
 Bromodichloromethane
 Concen: 26.146 ug/L
 RT: 9.65 min Scan# 1270
 Delta R.T. 0.00 min
 Lab File: VW016096.D
 Acq: 08 Aug 2020 01:40

Tgt Ion: 83 Resp: 145622
 Ion Ratio Lower Upper
 83 100
 85 65.4 43.7 81.1
 127 8.9 6.5 9.7

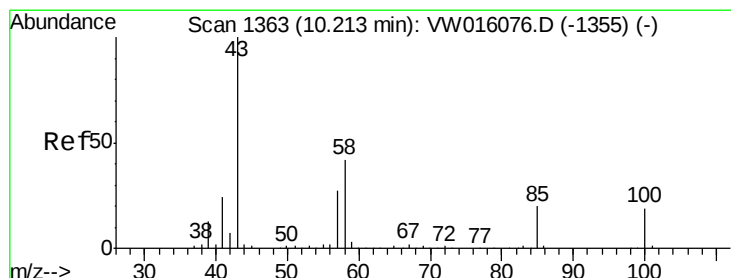
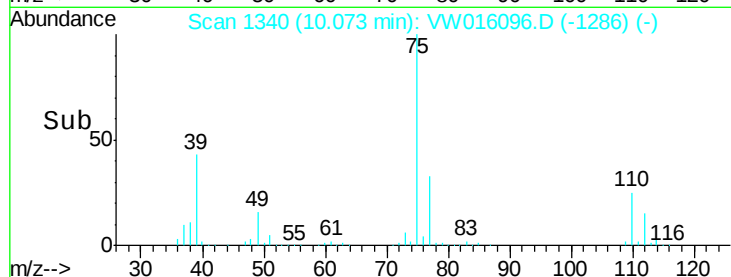
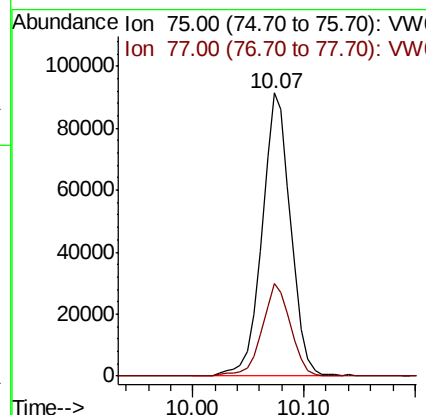
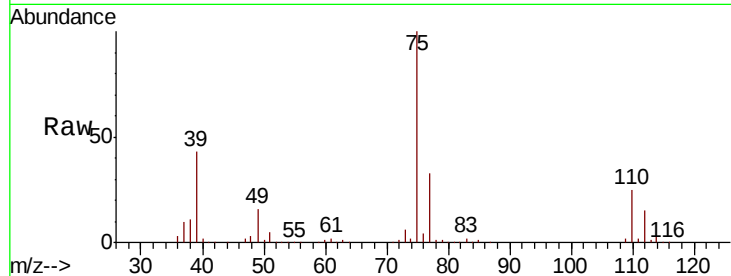




#42
 cis-1,3-Dichloropropene
 Concen: 24.863 ug/L
 RT: 10.07 min Scan# 1340
 Delta R.T. 0.00 min
 Lab File: VW016096.D
 Acq: 08 Aug 2020 01:40

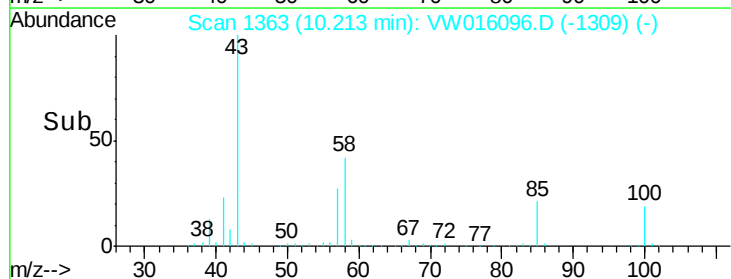
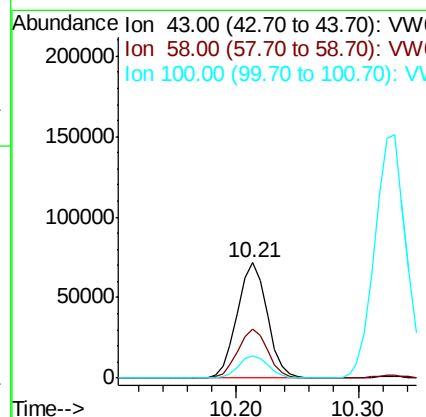
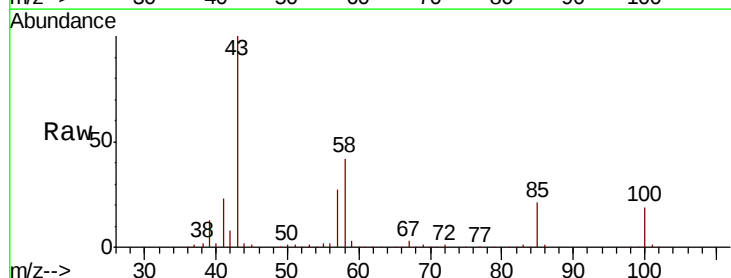
Instrument :
 MSVOA_W
 ClientSampled :

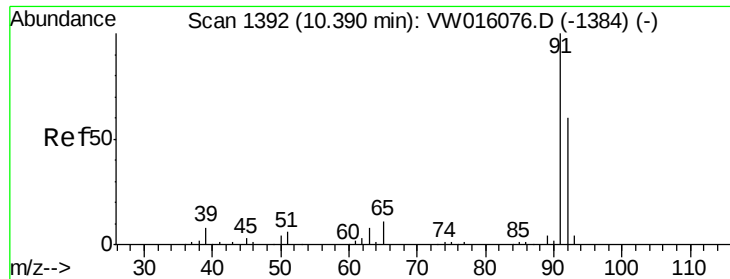
Tot Ion: 75 Resp: 163311
 Ion Ratio Lower Upper
 75 100
 77 32.6 22.2 41.2



#43
 4-Methyl-2-pentanone
 Concen: 48.673 ug/L
 RT: 10.21 min Scan# 1363
 Delta R.T. 0.00 min
 Lab File: VW016096.D
 Acq: 08 Aug 2020 01:40

Tgt Ion: 43 Resp: 122525
 Ion Ratio Lower Upper
 43 100
 58 42.1 31.0 46.4
 100 19.0 12.6 19.0#





#44

Toluene

Concen: 27.373 ug/L

RT: 10.39 min Scan# 1392

Delta R.T. 0.00 min

Lab File: VW016096.D

Acq: 08 Aug 2020 01:40

Instrument :

MSVOA_W

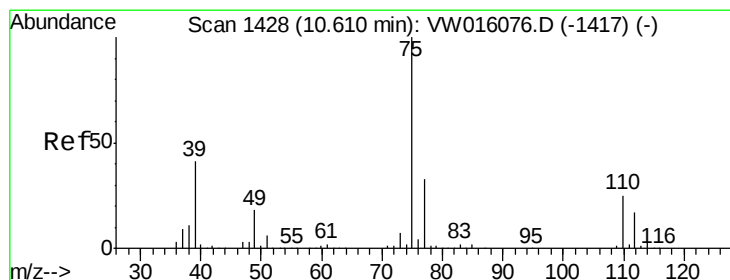
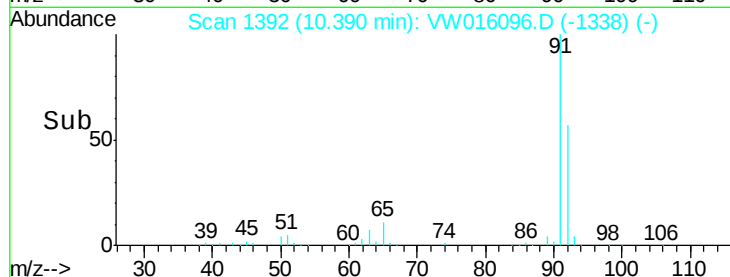
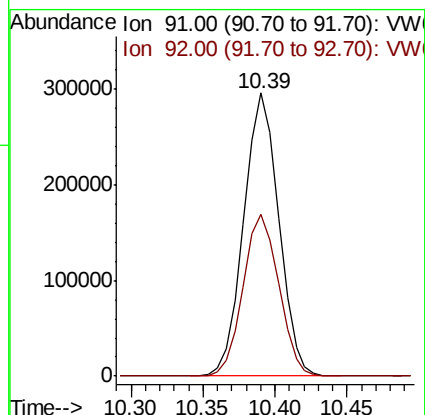
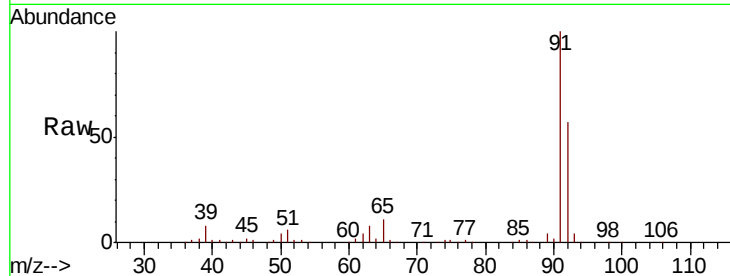
ClientSampleId :

Tot Ion: 91 Resp: 499792

Ion Ratio Lower Upper

91 100

92 57.3 41.2 76.4



#45

trans-1,3-Dichloropropene

Concen: 24.925 ug/L

RT: 10.61 min Scan# 1428

Delta R.T. 0.00 min

Lab File: VW016096.D

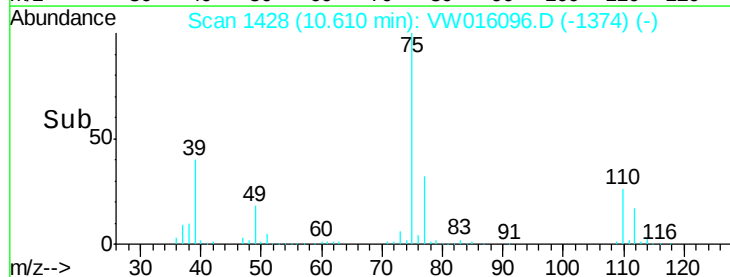
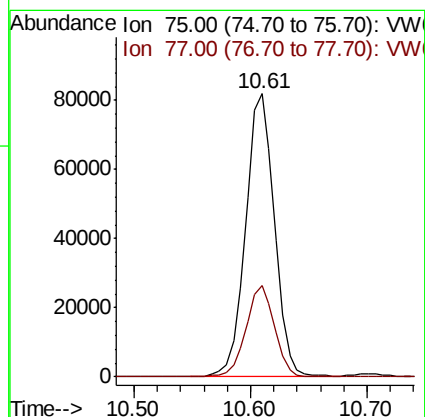
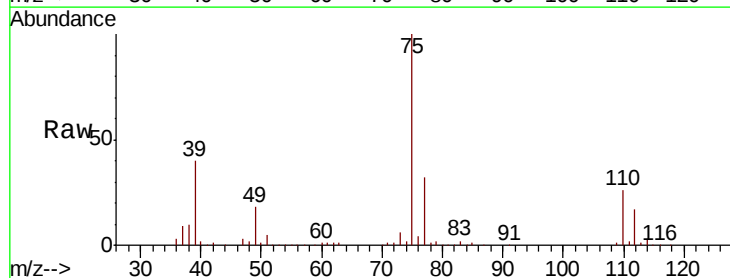
Acq: 08 Aug 2020 01:40

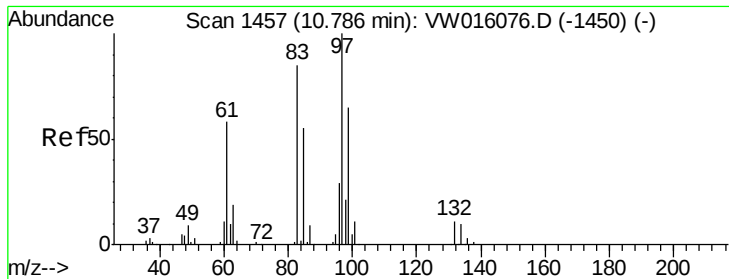
Tgt Ion: 75 Resp: 141905

Ion Ratio Lower Upper

75 100

77 32.2 22.5 41.9

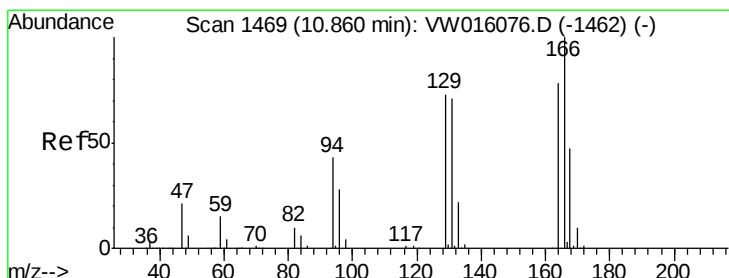
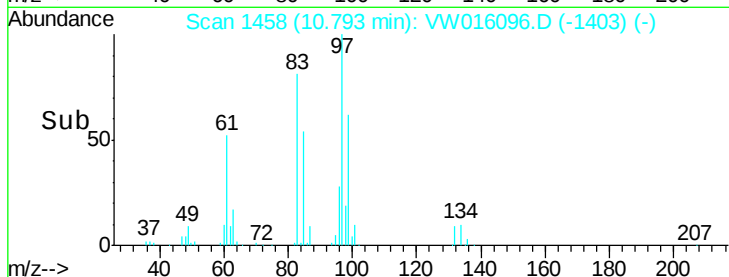
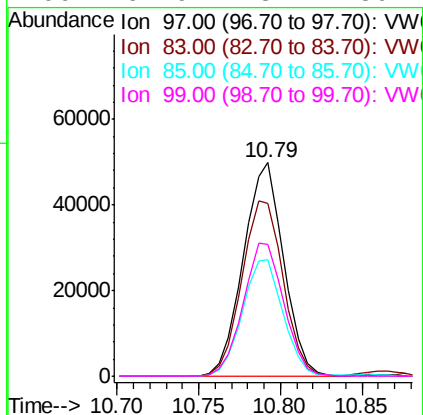
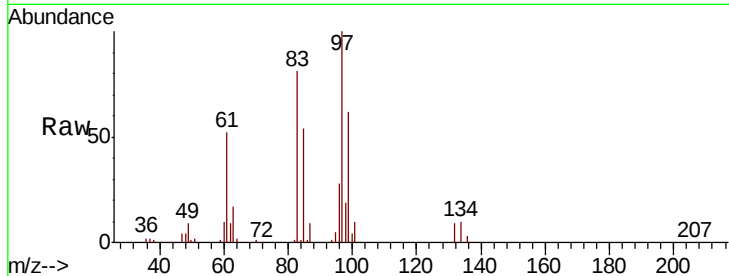




#46
 1,1,2-Trichloroethane
 Concen: 27.687 ug/L
 RT: 10.79 min Scan# 1458
 Delta R.T. 0.01 min
 Lab File: VW016096.D
 Acq: 08 Aug 2020 01:40

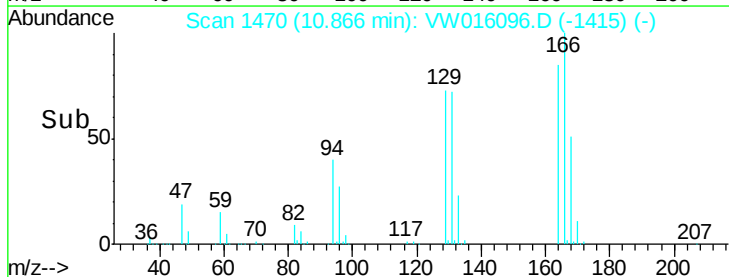
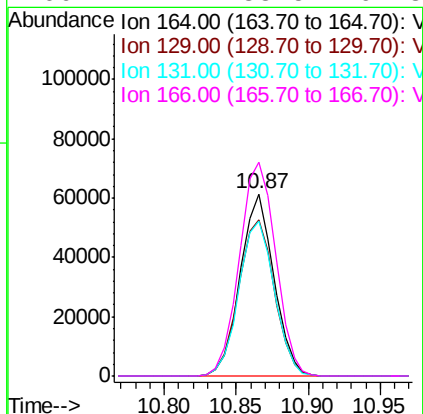
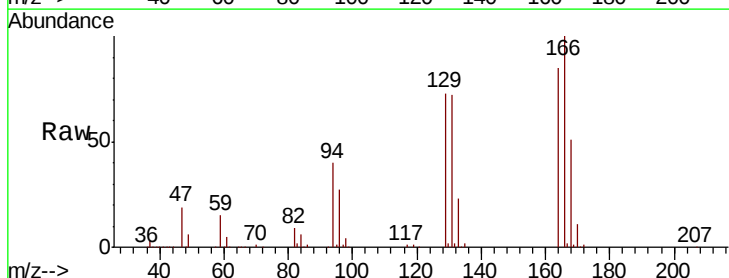
Instrument :
 MSVOA_W
 ClientSampleId :

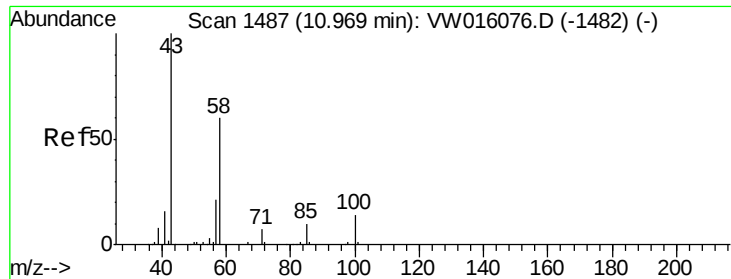
Tot Ion:	97	Resp:	85866
Ion	Ratio	Lower	Upper
97	100		
83	81.2	60.6	112.6
85	54.3	38.9	72.2
99	61.9	43.1	80.1



#47
 Tetrachloroethene
 Concen: 27.863 ug/L
 RT: 10.87 min Scan# 1470
 Delta R.T. 0.01 min
 Lab File: VW016096.D
 Acq: 08 Aug 2020 01:40

Tgt Ion:	164	Resp:	99601
Ion	Ratio	Lower	Upper
164	100		
129	85.4	70.0	130.0
131	84.8	67.3	124.9
166	117.1	88.5	164.3

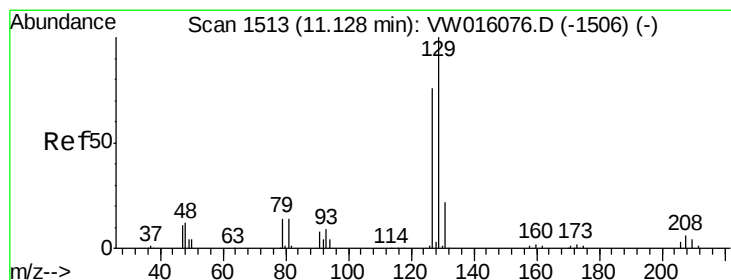
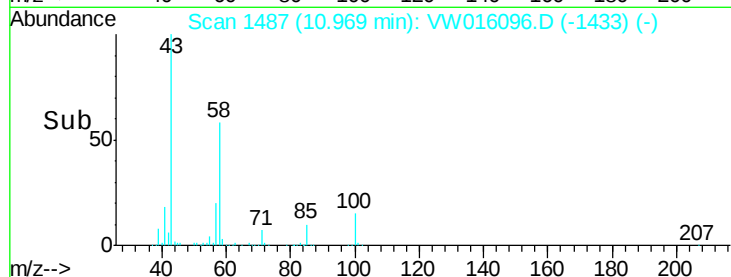
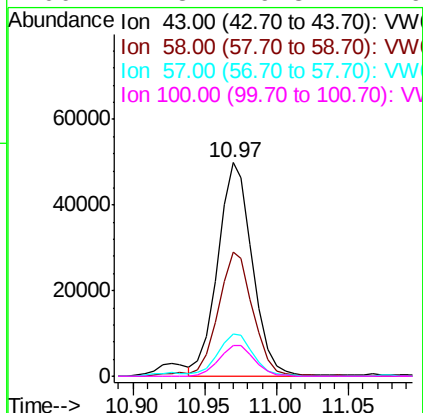
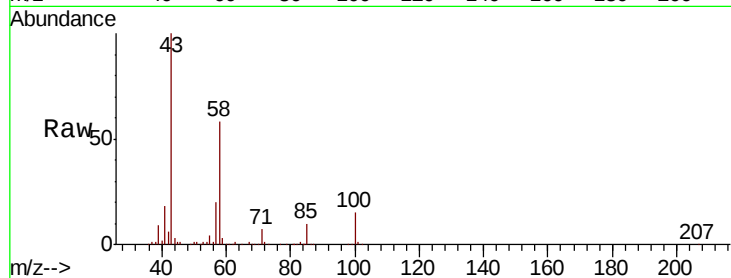




#49
2-Hexanone
Concen: 47.126 ug/L
RT: 10.97 min Scan# 1487
Delta R.T. 0.00 min
Lab File: VW016096.D
Acq: 08 Aug 2020 01:40

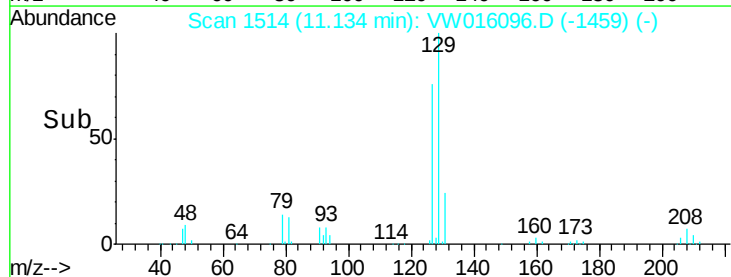
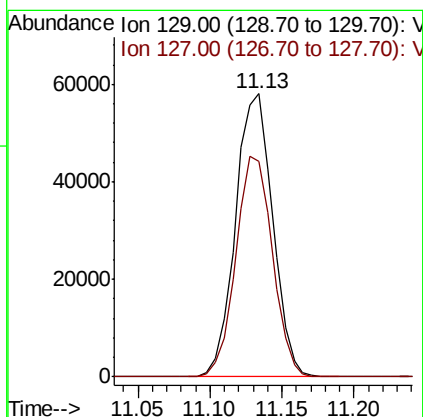
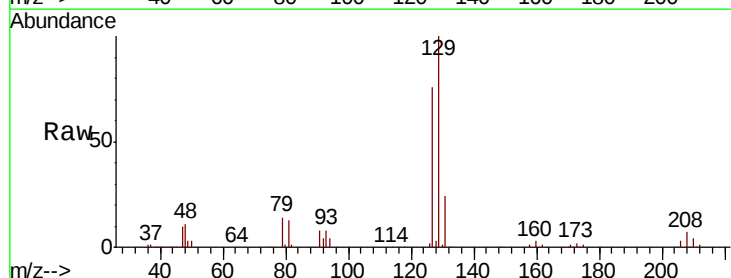
Instrument :
MSVOA_W
ClientSampleId :

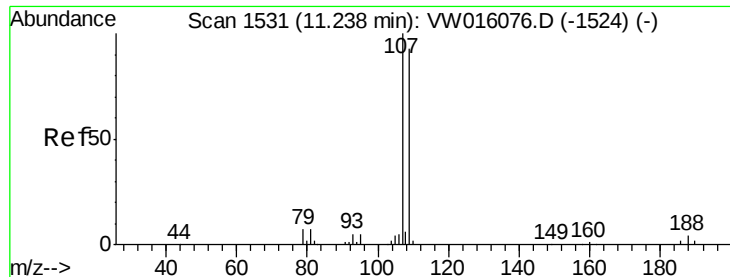
Tot Ion: 43 Resp: 84184
Ion Ratio Lower Upper
43 100
58 57.8 42.4 63.6
57 20.1 15.6 23.4
100 14.8 9.8 14.6#



#50
Dibromochloromethane
Concen: 29.065 ug/L
RT: 11.13 min Scan# 1514
Delta R.T. 0.01 min
Lab File: VW016096.D
Acq: 08 Aug 2020 01:40

Tgt Ion: 129 Resp: 104359
Ion Ratio Lower Upper
129 100
127 76.2 53.8 100.0

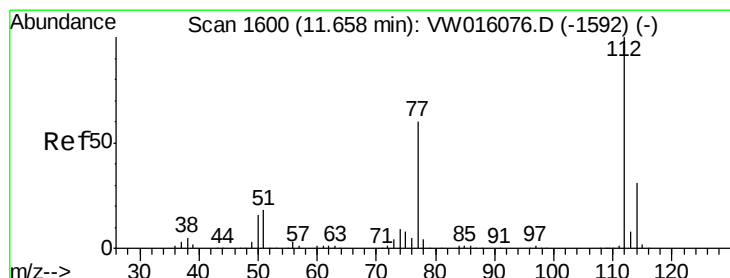
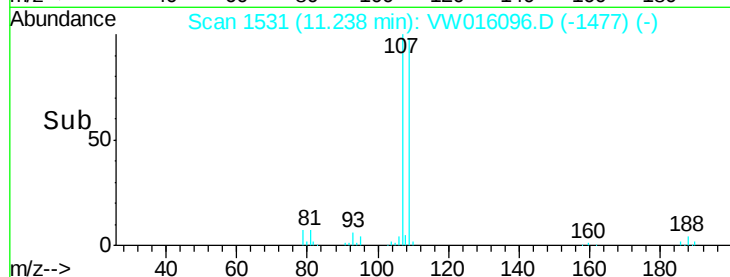
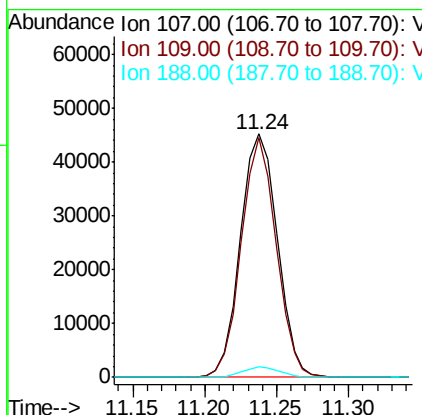
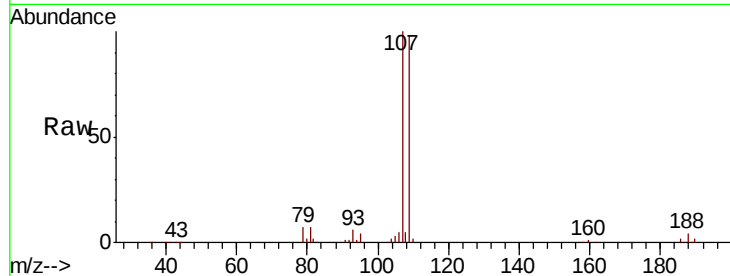




#51
1,2-Dibromoethane
Concen: 27.199 ug/L
RT: 11.24 min Scan# 1531
Delta R.T. 0.00 min
Lab File: VW016096.D
Acq: 08 Aug 2020 01:40

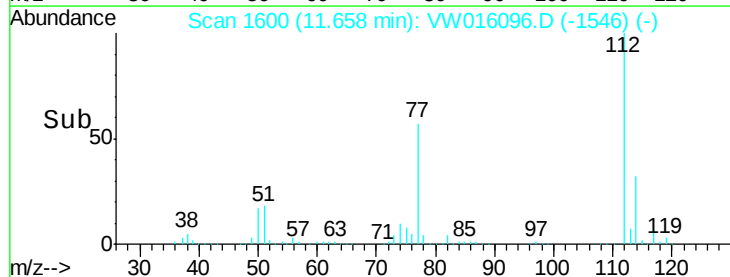
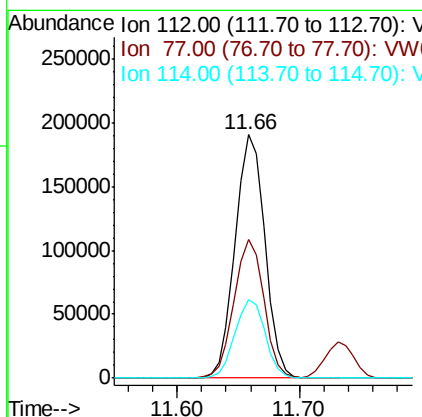
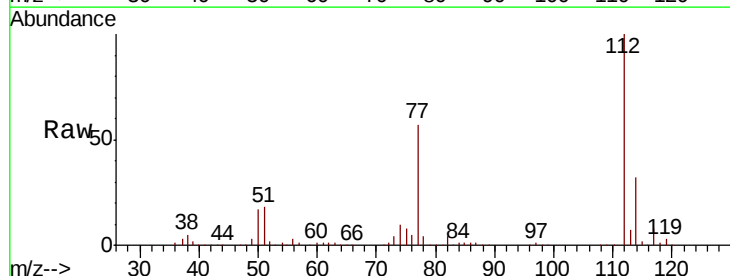
Instrument :
MSVOA_W
ClientSampleId :

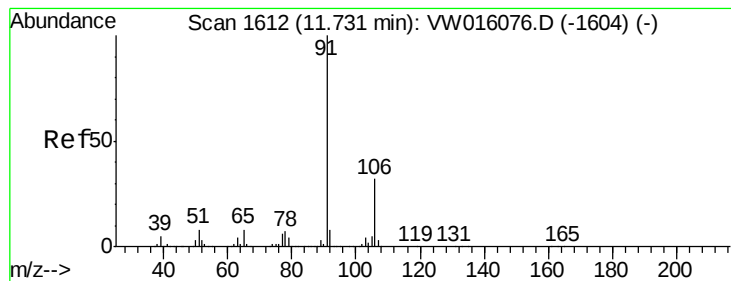
Tot Ion:107 Resp: 80695
Ion Ratio Lower Upper
107 100
109 98.3 66.9 124.3
188 4.1 3.2 4.8



#52
Chlorobenzene
Concen: 27.460 ug/L
RT: 11.66 min Scan# 1600
Delta R.T. 0.00 min
Lab File: VW016096.D
Acq: 08 Aug 2020 01:40

Tgt Ion:112 Resp: 321284
Ion Ratio Lower Upper
112 100
77 57.2 47.8 71.6
114 32.1 22.1 41.1





#53

Ethylbenzene

Concen: 26.905 ug/L

RT: 11.73 min Scan# 1612

Delta R.T. 0.00 min

Lab File: VW016096.D

Acq: 08 Aug 2020 01:40

Instrument :

MSVOA_W

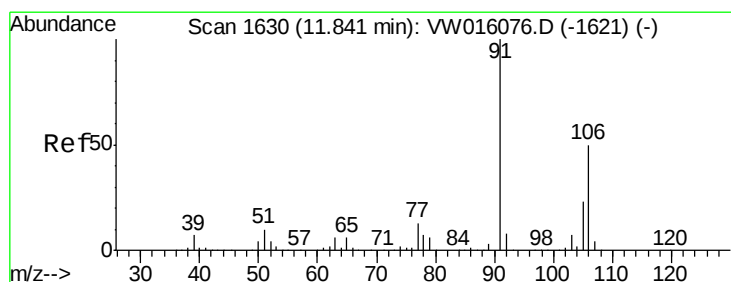
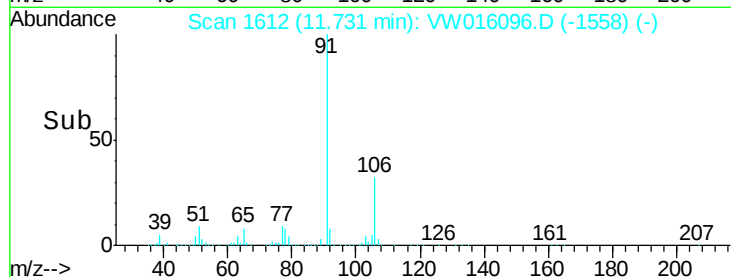
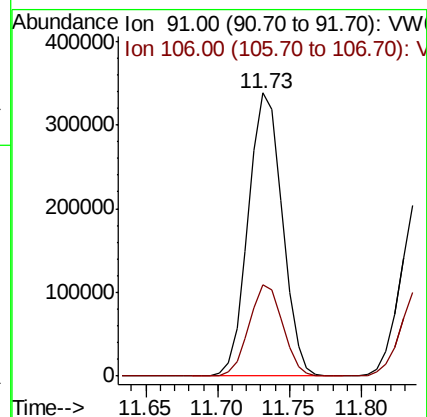
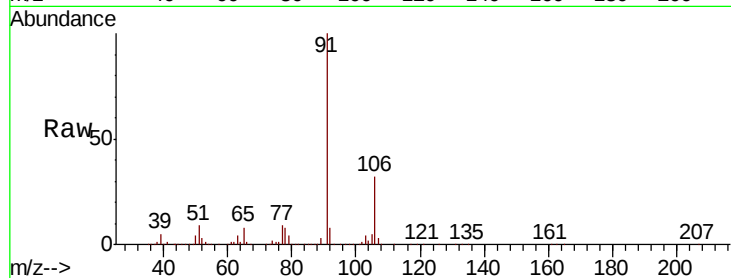
ClientSampleId :

Tot Ion: 91 Resp: 552415

Ion Ratio Lower Upper

91 100

106 32.5 22.4 41.6



#54

m,p-Xylene

Concen: 27.462 ug/L

RT: 11.84 min Scan# 1630

Delta R.T. 0.00 min

Lab File: VW016096.D

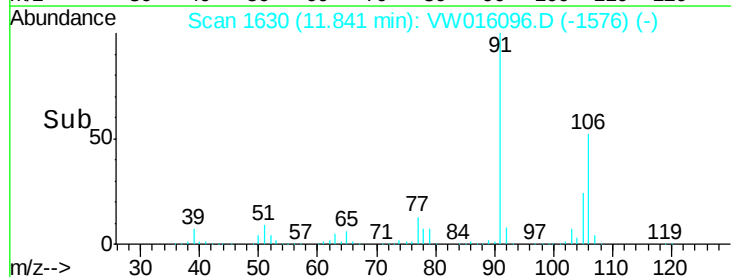
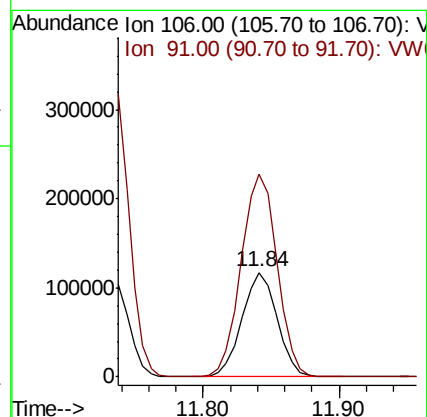
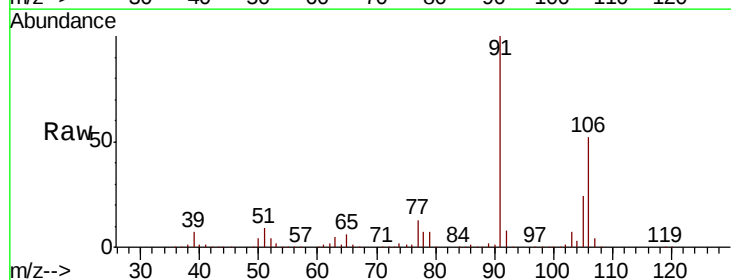
Acq: 08 Aug 2020 01:40

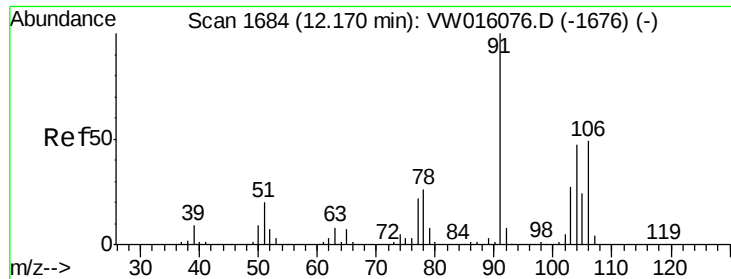
Tgt Ion: 106 Resp: 210949

Ion Ratio Lower Upper

106 100

91 193.1 144.1 267.5

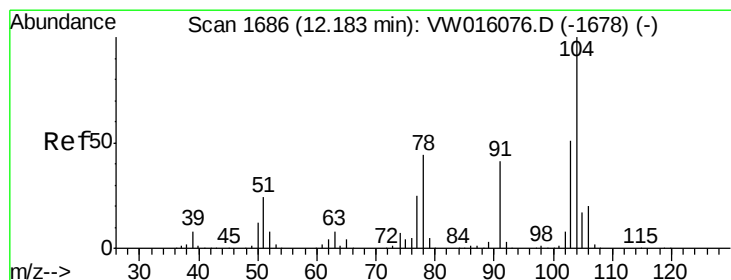
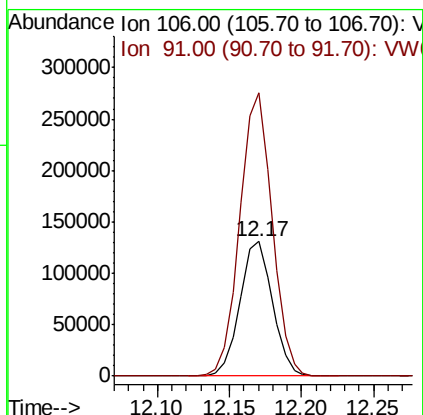
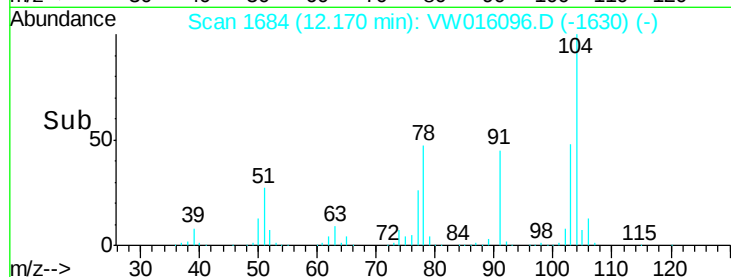
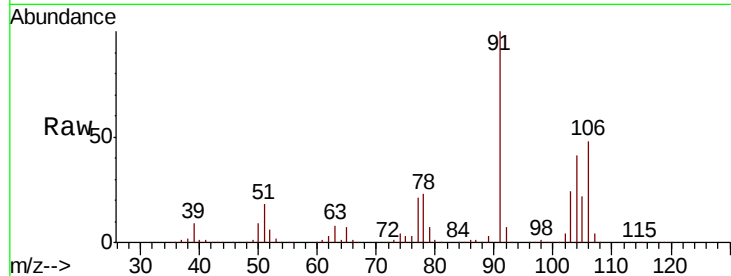




#55
o-xylene
Concen: 28.378 ug/L
RT: 12.17 min Scan# 1684
Delta R.T. 0.00 min
Lab File: VW016096.D
Acq: 08 Aug 2020 01:40

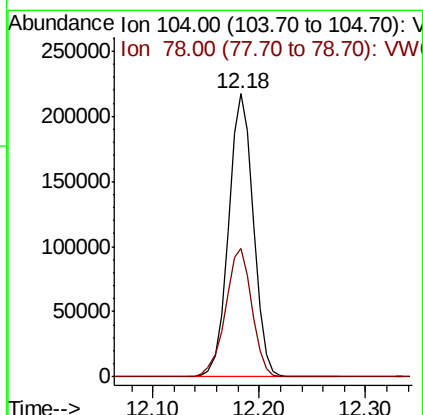
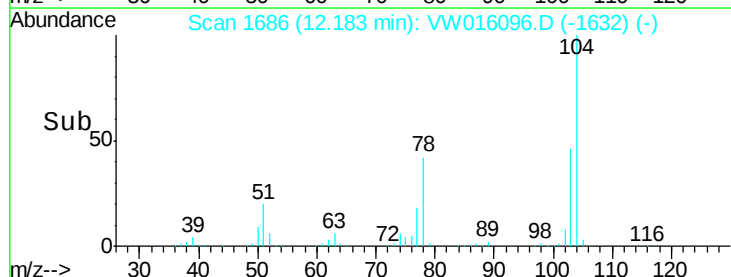
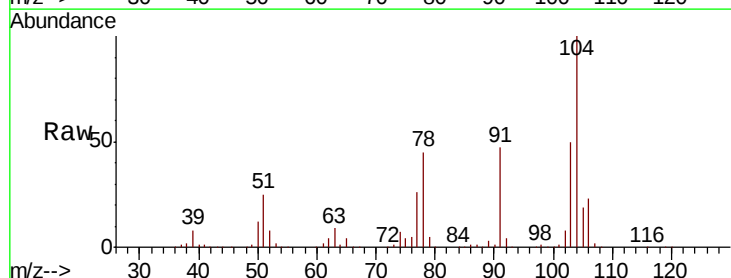
Instrument :
MSVOA_W
ClientSampled :

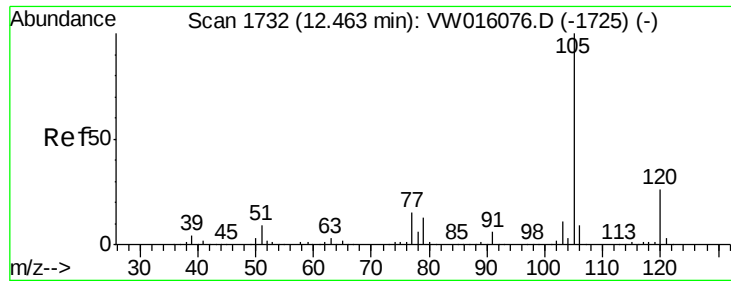
Tot Ion:106 Resp: 205263
Ion Ratio Lower Upper
106 100
91 210.1 146.8 272.6



#56
Styrene
Concen: 28.755 ug/L
RT: 12.18 min Scan# 1686
Delta R.T. 0.00 min
Lab File: VW016096.D
Acq: 08 Aug 2020 01:40

Tgt Ion:104 Resp: 353710
Ion Ratio Lower Upper
104 100
78 45.4 32.0 59.4





#57

Isopropylbenzene

Concen: 27.955 ug/L

RT: 12.47 min Scan# 1733

Delta R.T. 0.01 min

Lab File: VW016096.D

Acq: 08 Aug 2020 01:40

Instrument :

MSVOA_W

ClientSampleId :

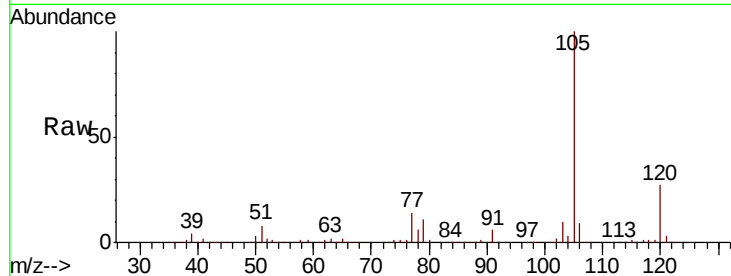
Tot Ion:105 Resp: 550445

Ion Ratio Lower Upper

105 100

120 26.6 20.4 30.6

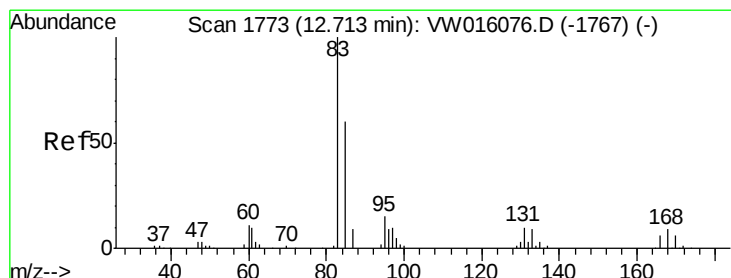
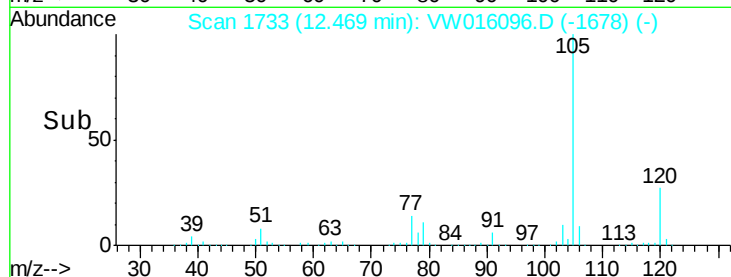
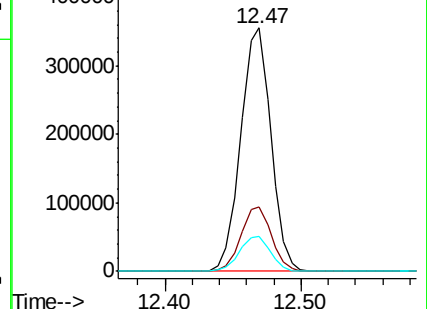
77 14.6 12.9 19.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

Ion 77.00 (76.70 to 77.70): V



#58

1,1,2,2-Tetrachloroethane

Concen: 27.445 ug/L

RT: 12.72 min Scan# 1774

Delta R.T. 0.01 min

Lab File: VW016096.D

Acq: 08 Aug 2020 01:40

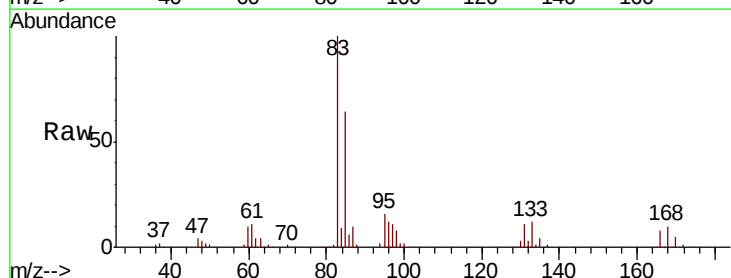
Tgt Ion: 83 Resp: 99947

Ion Ratio Lower Upper

83 100

85 64.0 45.1 83.7

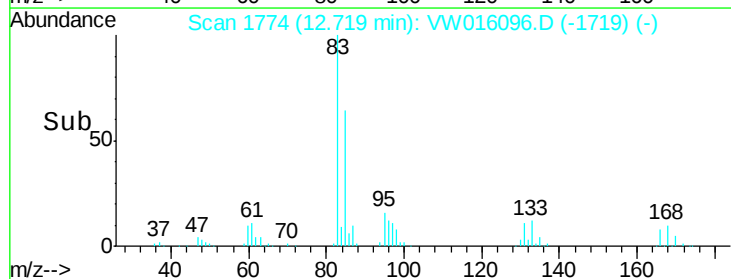
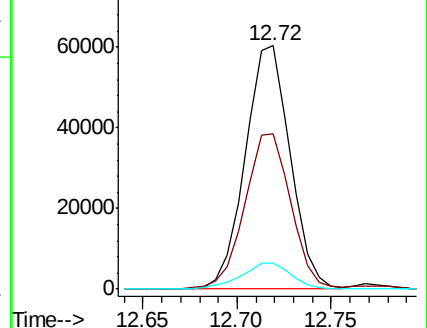
131 10.7 8.2 12.4

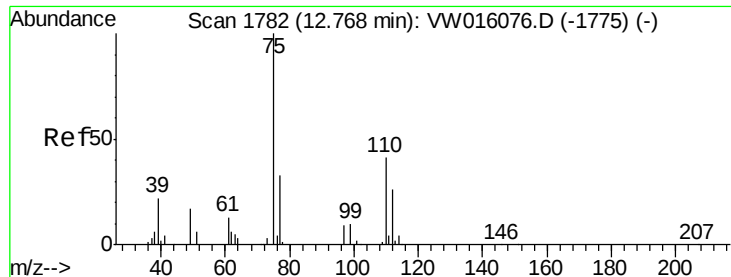


Abundance Ion 83.00 (82.70 to 83.70): VW

Ion 85.00 (84.70 to 85.70): VW

Ion 131.00 (130.70 to 131.70): V





#59

1,2,3-Trichloropropane

Concen: 26.295 ug/L

RT: 12.77 min Scan# 1783

Delta R.T. 0.01 min

Lab File: VW016096.D

Acq: 08 Aug 2020 01:40

Instrument :

MSVOA_W

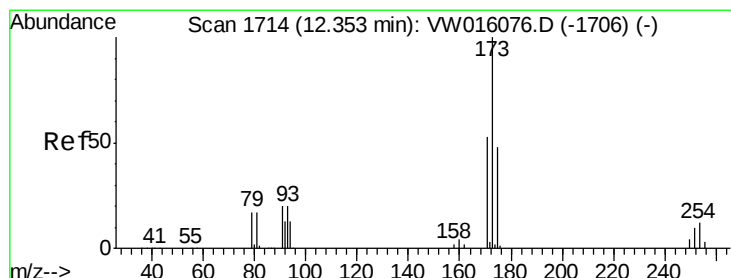
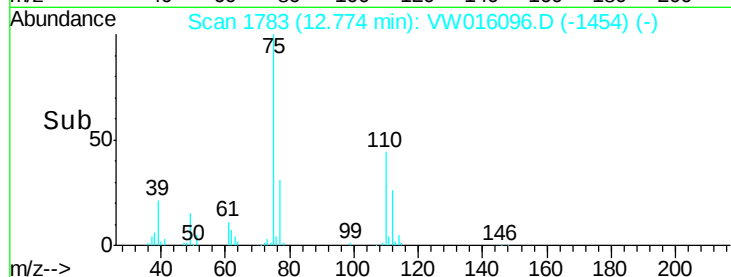
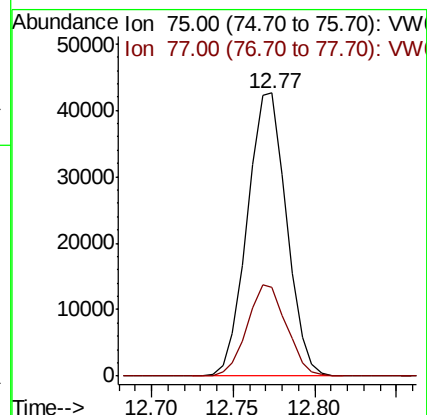
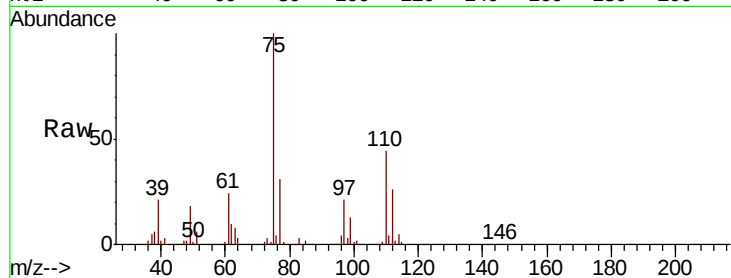
ClientSampleId :

Tot Ion: 75 Resp: 71748

Ion Ratio Lower Upper

75 100

77 32.1 26.0 39.0



#62

Bromoform

Concen: 30.342 ug/L

RT: 12.35 min Scan# 1714

Delta R.T. 0.00 min

Lab File: VW016096.D

Acq: 08 Aug 2020 01:40

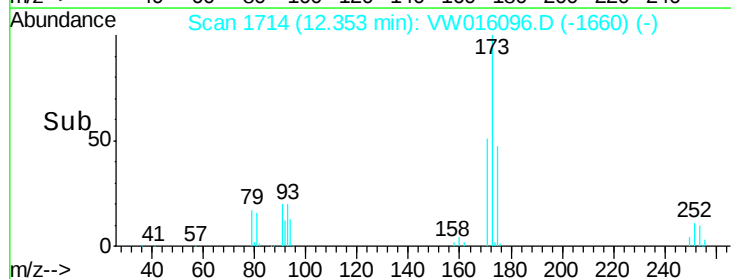
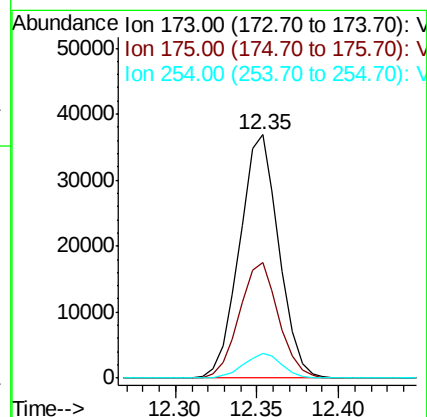
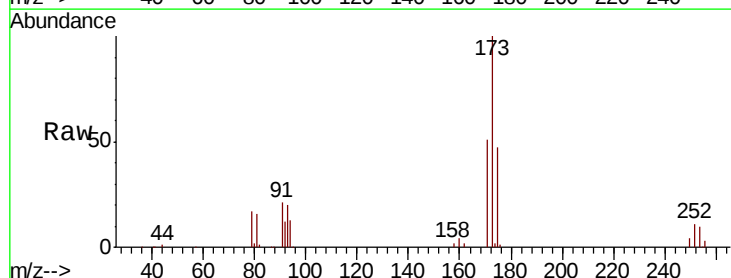
Tgt Ion: 173 Resp: 61693

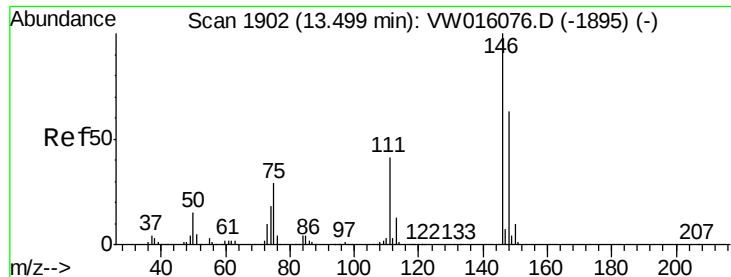
Ion Ratio Lower Upper

173 100

175 47.3 38.7 58.1

254 9.7 7.9 11.9

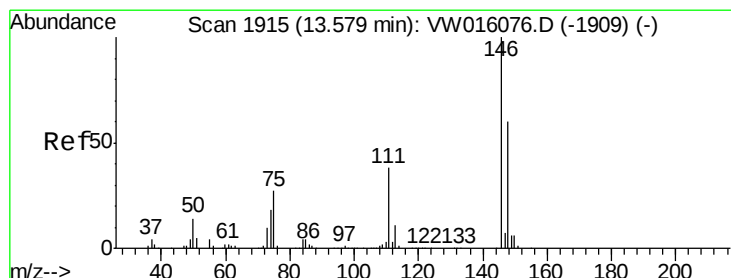
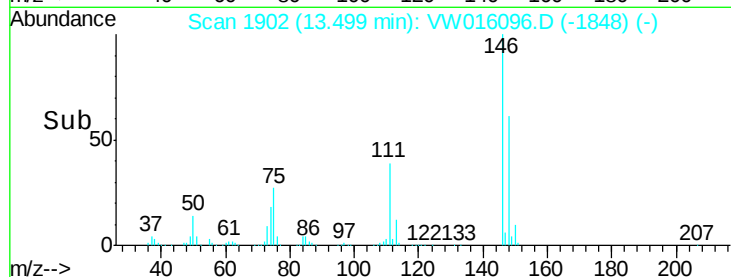
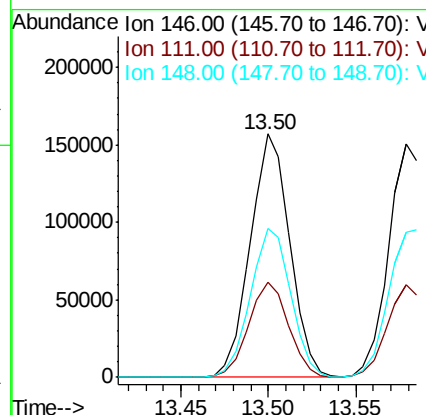
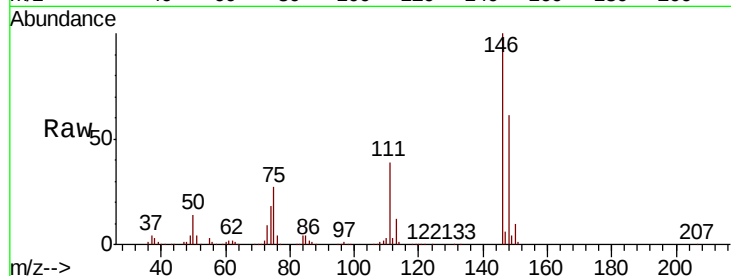




#63
 1,3-Dichlorobenzene
 Concen: 27.941 ug/L
 RT: 13.50 min Scan# 1902
 Delta R.T. 0.00 min
 Lab File: VW016096.D
 Acq: 08 Aug 2020 01:40

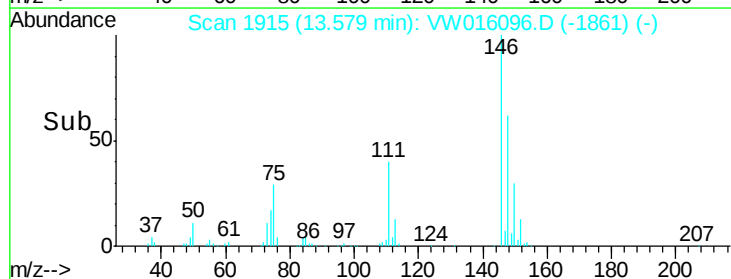
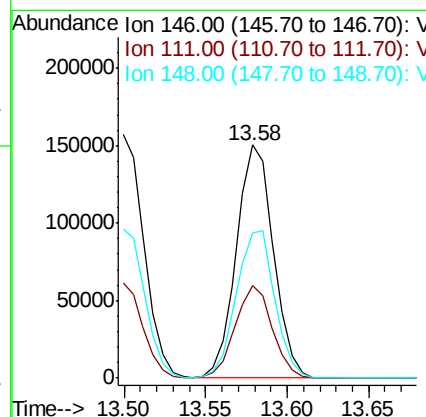
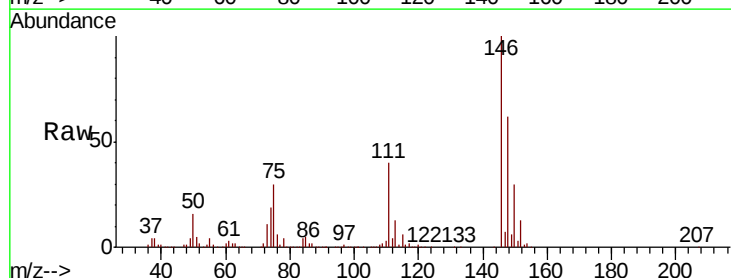
Instrument :
 MSVOA_W
 ClientSampleId :

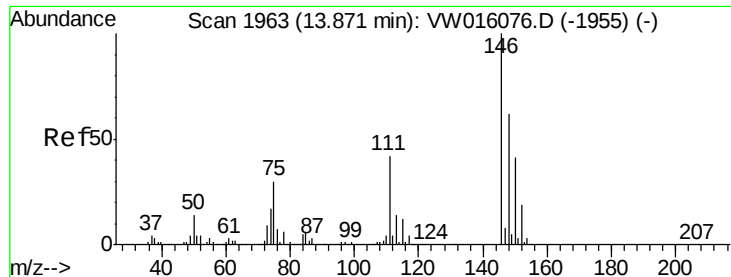
Tot Ion	Ratio	Lower	Upper
146	100		
111	39.1	27.9	51.7
148	61.2	43.2	80.2



#64
 1,4-Dichlorobenzene
 Concen: 26.548 ug/L
 RT: 13.58 min Scan# 1915
 Delta R.T. 0.00 min
 Lab File: VW016096.D
 Acq: 08 Aug 2020 01:40

Tgt Ion	Ratio	Lower	Upper
146	100		
111	39.7	29.3	54.3
148	62.1	44.5	82.7

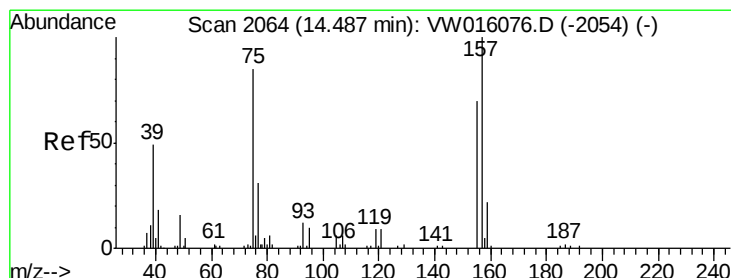
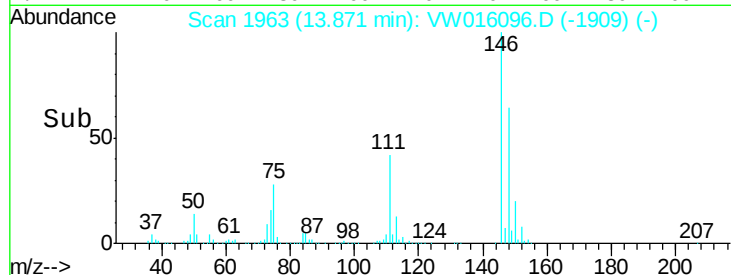
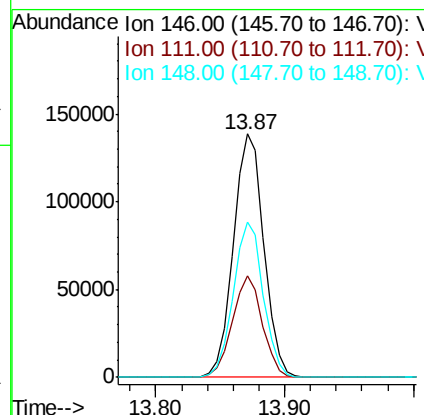
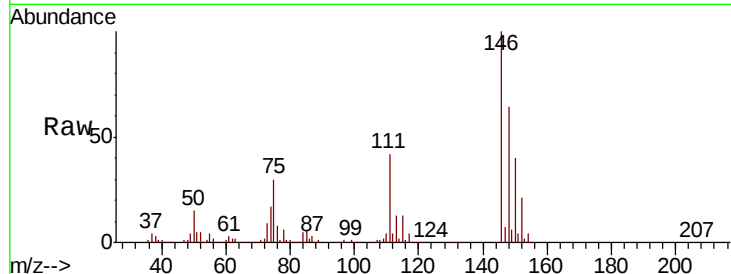




#65
 1,2-Dichlorobenzene
 Concen: 28.386 ug/L
 RT: 13.87 min Scan# 1963
 Delta R.T. 0.00 min
 Lab File: VW016096.D
 Acq: 08 Aug 2020 01:40

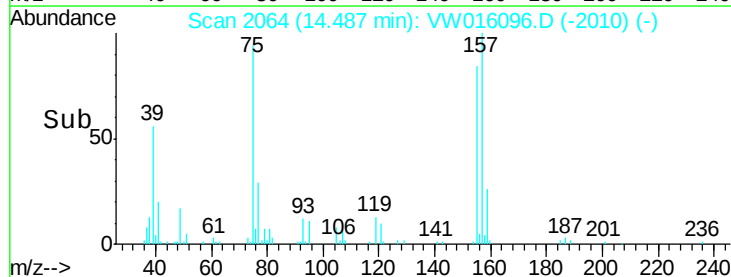
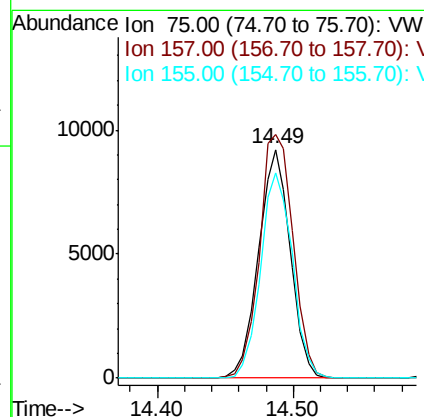
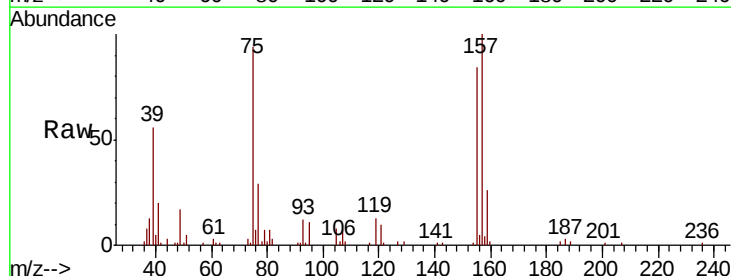
Instrument :
 MSVOA_W
 ClientSampleId :

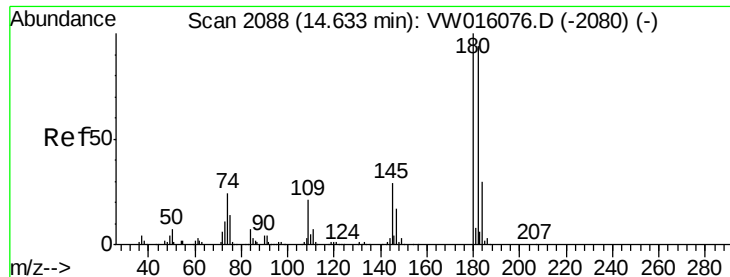
Tot Ion	Ratio	Lower	Upper
146	100		
111	41.9	32.9	49.3
148	64.0	48.8	73.2



#66
 1,2-Dibromo-3-chloropropane
 Concen: 24.870 ug/L
 RT: 14.49 min Scan# 2064
 Delta R.T. 0.00 min
 Lab File: VW016096.D
 Acq: 08 Aug 2020 01:40

Tgt Ion	Ratio	Lower	Upper
75	100		
157	106.6	83.0	124.4
155	89.6	66.9	100.3

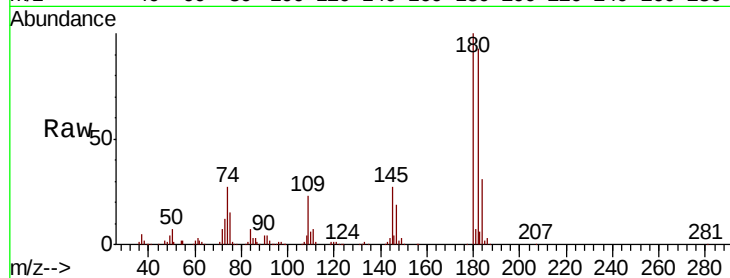




#67
 1,3,5-Trichlorobenzene
 Concen: 26.891 ug/L
 RT: 14.63 min Scan# 2087
 Delta R.T. -0.01 min
 Lab File: VW016096.D
 Acq: 08 Aug 2020 01:40

Instrument :
 MSVOA_W
 ClientSampleId :

Tot Ion	180	Resp	167265
Ion Ratio	100	Lower	Upper
180	100		
182	93.6	75.4	113.0
184	30.4	24.6	37.0
145	28.5	24.1	36.1

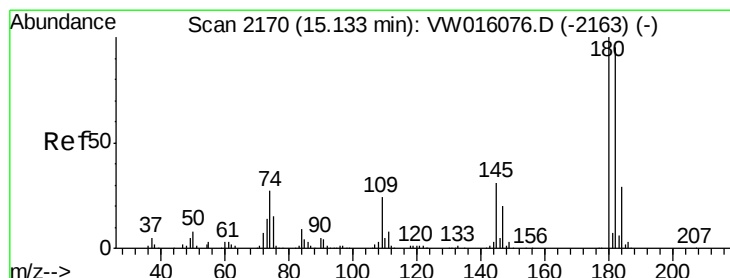
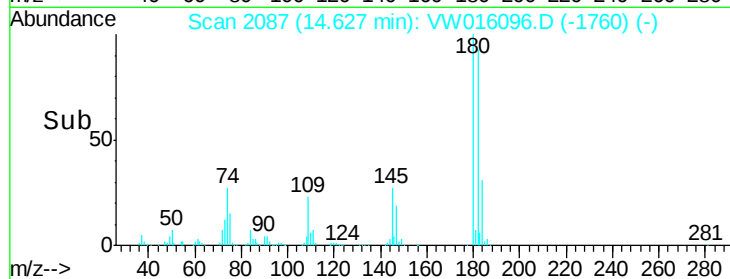
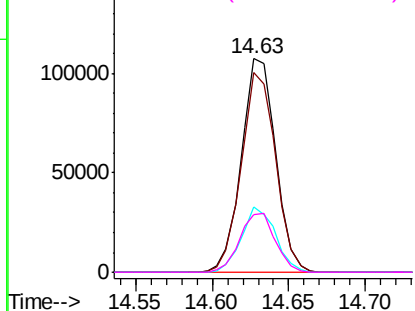


Abundance Ion 180.00 (179.70 to 180.70): V

Ion 182.00 (181.70 to 182.70): V

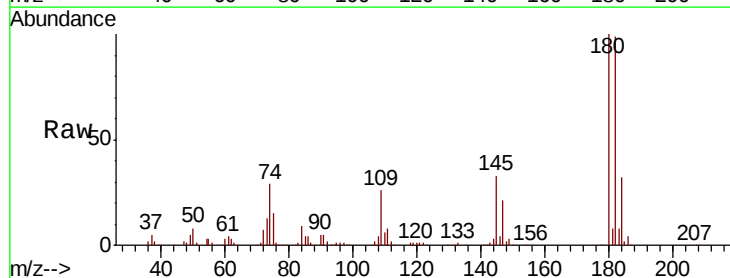
Ion 184.00 (183.70 to 184.70): V

Ion 145.00 (144.70 to 145.70): V



#68
 1,2,4-trichlorobenzene
 Concen: 25.685 ug/L
 RT: 15.13 min Scan# 2170
 Delta R.T. 0.00 min
 Lab File: VW016096.D
 Acq: 08 Aug 2020 01:40

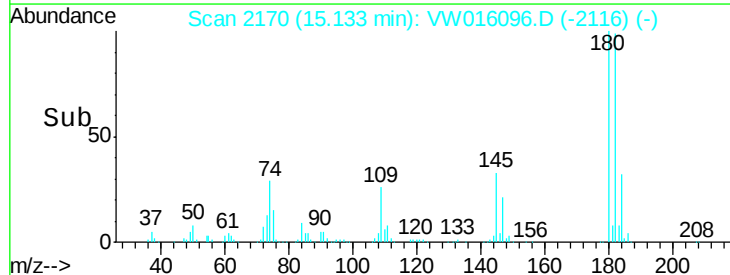
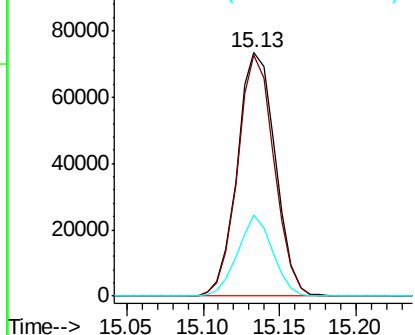
Tgt Ion	180	Resp	126897
Ion Ratio	100	Lower	Upper
180	100		
182	95.0	76.0	114.0
145	30.5	24.3	36.5

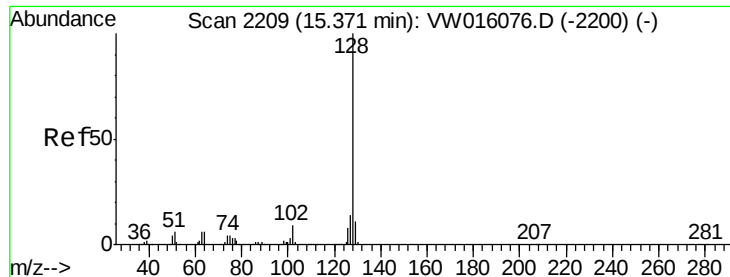


Abundance Ion 180.00 (179.70 to 180.70): V

Ion 182.00 (181.70 to 182.70): V

Ion 145.00 (144.70 to 145.70): V





#69

Naphthalene

Concen: 25.904 ug/L

RT: 15.37 min Scan# 2209

Delta R.T. 0.00 min

Lab File: VW016096.D

Acq: 08 Aug 2020 01:40

Instrument :

MSVOA_W

ClientSampleId :

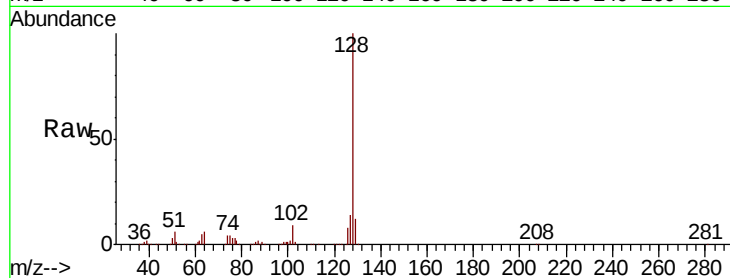
Tot Ion:128 Resp: 241108

Ion Ratio Lower Upper

128 100

129 11.1 8.6 12.8

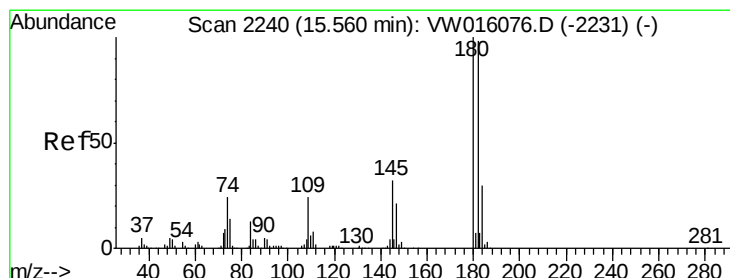
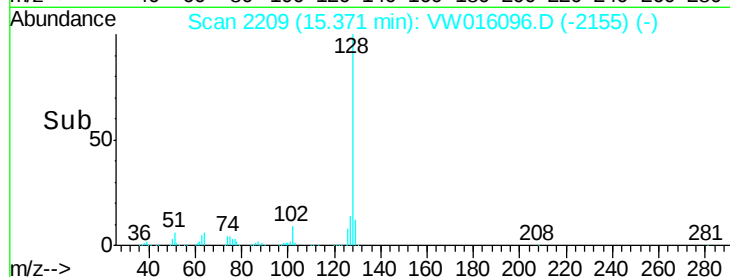
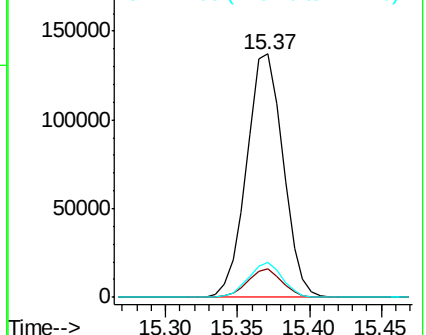
127 13.4 10.5 15.7



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 129.00 (128.70 to 129.70): V

Ion 127.00 (126.70 to 127.70): V



#70

1,2,3-Trichlorobenzene

Concen: 26.555 ug/L

RT: 15.56 min Scan# 2240

Delta R.T. 0.00 min

Lab File: VW016096.D

Acq: 08 Aug 2020 01:40

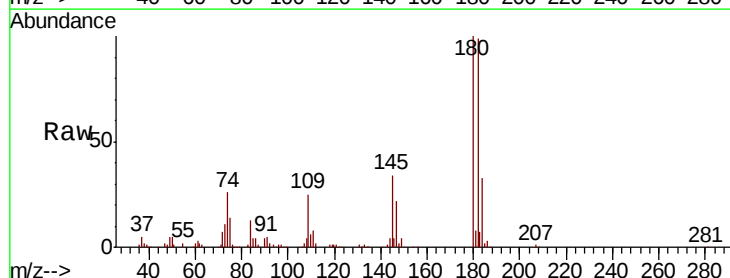
Tgt Ion:180 Resp: 116899

Ion Ratio Lower Upper

180 100

182 95.1 74.0 111.0

145 32.6 25.9 38.9



Abundance Ion 180.00 (179.70 to 180.70): V

Ion 182.00 (181.70 to 182.70): V

Ion 145.00 (144.70 to 145.70): V

