

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW103020\
 Data File : VW017035.D
 Acq On : 30 Oct 2020 14:34
 Operator : SY/VA
 Sample : VSTDCCC025EC
 Misc : 5.00G/10ML/MSVOA W/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Oct 31 05:49:50 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM102220S.M
 Quant Title : VOC Analysis
 QLast Update : Sat Oct 31 05:42:11 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	469448	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	429804	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	219250	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	123951	22.88	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	91.52%
7) Chloroethane-d5	2.89	69	107376	25.58	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	102.32%
10) 1,1-Dichloroethene-d2	4.03	63	266512	25.29	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	101.16%
20) 2-Butanone-d5	7.08	46	59121	57.93	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	115.86%
24) Chloroform-d	7.65	84	290869	26.86	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	107.44%
26) 1,2-Dichloroethane-d4	8.31	65	132759	26.05	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	104.20%
29) Benzene-d6	8.27	84	576127	26.09	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	104.36%
33) 1,2-Dichloropropane-d6	9.27	67	160166	26.88	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	107.52%
37) Toluene-d8	10.32	98	541925	26.07	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	104.28%
38) trans-1,3-Dichloropropene-	10.58	79	66346	26.23	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	104.92%
39) 2-Hexanone-d5	10.93	63	49450	59.10	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	118.20%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	123404	27.18	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	108.72%
61) 1,2-Dichlorobenzene-d4	13.86	152	203946	26.47	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	105.88%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
2) Dichlorodifluoromethane	2.01	85	123887	23.137	ug/L	97
3) Chloromethane	2.21	50	114988	24.880	ug/L	97
5) Vinyl chloride	2.37	62	180762	26.703	ug/L	98
6) Bromomethane	2.79	94	120014	26.104	ug/L	100
8) Chloroethane	2.93	64	106302	27.287	ug/L	97
9) Trichlorofluoromethane	3.26	101	147181	27.412	ug/L	99
11) 1,1,2-Trichloro-1,2,2-trif	4.08	101	174176	26.916	ug/L	98
12) 1,1-Dichloroethene	4.04	96	166639	27.116	ug/L	94
13) Acetone	4.13	43	37367	54.410	ug/L	100
14) Carbon disulfide	4.39	76	472339	25.354	ug/L	100
15) Methyl Acetate	4.67	43	46768	26.083	ug/L	99
16) Methylene chloride	4.92	84	167447	26.978	ug/L	98
17) Methyl tert-butyl Ether	5.43	73	179906	26.857	ug/L	99
18) trans-1,2-Dichloroethene	5.43	96	173099	26.933	ug/L	98
19) 1,1-Dichloroethane	6.22	63	264244	26.847	ug/L	99
21) 2-Butanone	7.18	43	58546	50.940	ug/L	99
22) cis-1,2-Dichloroethene	7.17	96	174989	26.931	ug/L	97

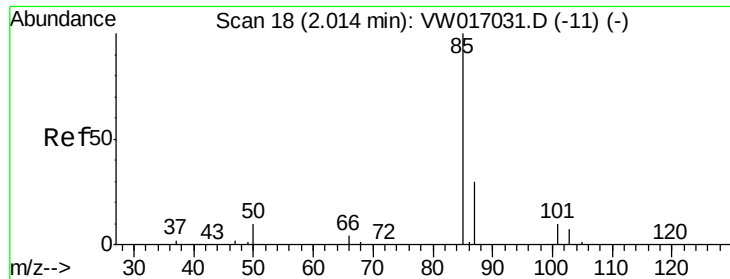
Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW103020\
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 Quant Title : VOC Analysis
 QLast Update : Sat Oct 31 05:42:11 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	7.52	128	80623	26.878	ug/L	96
25) Chloroform	7.68	83	280771	26.796	ug/L	99
27) 1,2-Dichloroethane	8.40	62	156236	26.183	ug/L	98
30) Cyclohexane	7.96	56	239306	26.617	ug/L	99
31) 1,1,1-Trichloroethane	7.88	97	252488	27.134	ug/L	99
32) Carbon tetrachloride	8.07	117	246262	27.572	ug/L	97
34) Benzene	8.32	78	629700	26.520	ug/L	100
35) Trichloroethene	9.09	95	175209	26.644	ug/L	99
36) Methylcyclohexane	9.34	83	294833	26.697	ug/L	99
40) 1,2-Dichloropropane	9.37	63	141486	26.682	ug/L	99
41) Bromodichloromethane	9.65	83	193974	26.952	ug/L	97
42) cis-1,3-Dichloropropene	10.07	75	223725	26.981	ug/L	99
43) 4-Methyl-2-pentanone	10.21	43	130840	52.054	ug/L	100
44) Toluene	10.39	91	691328	26.873	ug/L	99
45) trans-1,3-Dichloropropene	10.61	75	185060	26.942	ug/L	97
46) 1,1,2-Trichloroethane	10.79	97	110315	25.991	ug/L	98
47) Tetrachloroethene	10.87	164	158040	26.127	ug/L	92
49) 2-Hexanone	10.97	43	81444	50.842	ug/L	97
50) Dibromochloromethane	11.13	129	142990	27.655	ug/L	98
51) 1,2-Dibromoethane	11.24	107	106536	26.328	ug/L	99
52) Chlorobenzene	11.66	112	453702	26.382	ug/L	97
53) Ethylbenzene	11.73	91	779402	26.978	ug/L	99
54) m,p-Xylene	11.84	106	309534	27.233	ug/L	100
55) o-xylene	12.16	106	288161	27.369	ug/L	91
56) Styrene	12.18	104	484111	27.485	ug/L	99
57) Isopropylbenzene	12.47	105	790213	27.134	ug/L	99
58) 1,1,1,2,2-Tetrachloroethane	12.71	83	122120	26.806	ug/L	98
59) 1,2,3-Trichloropropane	12.77	75	85031	26.082	ug/L	100
62) Bromoform	12.35	173	81788	26.547	ug/L	99
63) 1,3-Dichlorobenzene	13.50	146	369426	26.113	ug/L	94
64) 1,4-Dichlorobenzene	13.58	146	358645	25.432	ug/L	98
65) 1,2-Dichlorobenzene	13.87	146	322792	25.865	ug/L	97
66) 1,2-Dibromo-3-chloropropan	14.49	75	17385	25.609	ug/L	95
67) 1,3,5-Trichlorobenzene	14.63	180	270817	26.155	ug/L	99
68) 1,2,4-trichlorobenzene	15.13	180	222055	27.668	ug/L	97
69) Naphthalene	15.37	128	354149	27.204	ug/L	100
70) 1,2,3-Trichlorobenzene	15.55	180	191036	27.315	ug/L	98

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



#2

Dichlorodifluoromethane

Concen: 23.137 ug/L

RT: 2.01 min Scan# 18

Delta R.T. 0.00 min

Lab File: VW017035.D

Acq: 30 Oct 2020 14:34

Instrument :

MSVOA_W

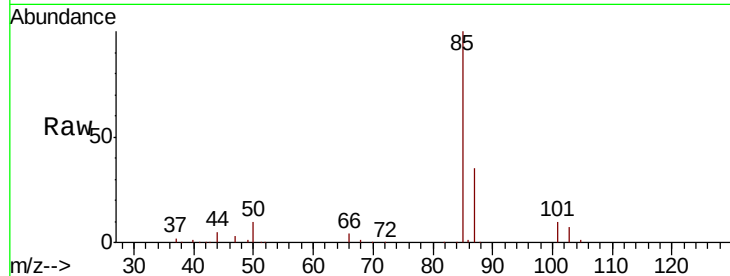
ClientSampled :

Tot Ion: 85 Resp: 123887

Ion Ratio Lower Upper

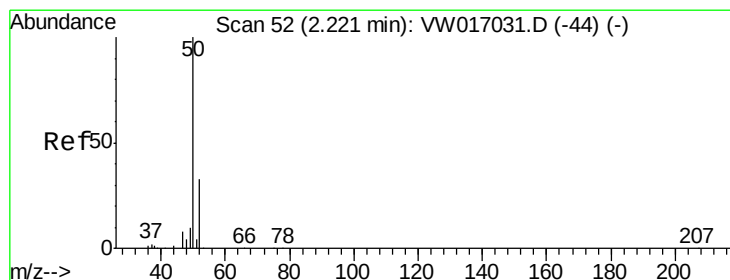
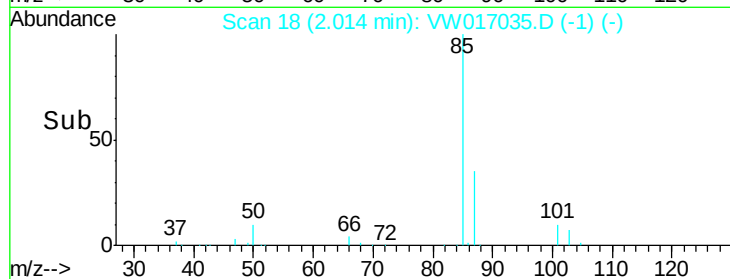
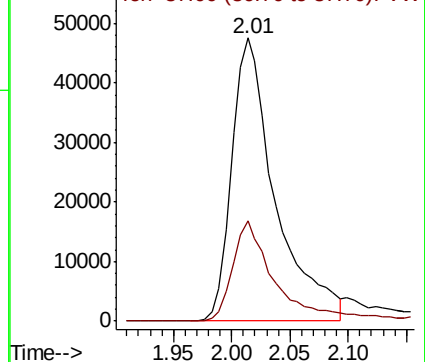
85 100

87 33.7 22.4 41.6



Abundance Ion 85.00 (84.70 to 85.70): VW

Ion 87.00 (86.70 to 87.70): VW



#3

Chloromethane

Concen: 24.880 ug/L

RT: 2.21 min Scan# 51

Delta R.T. -0.01 min

Lab File: VW017035.D

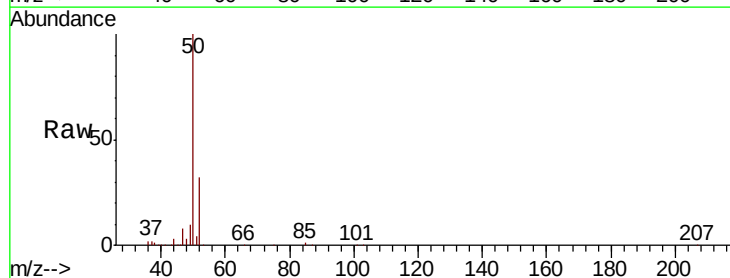
Acq: 30 Oct 2020 14:34

Tgt Ion: 50 Resp: 114988

Ion Ratio Lower Upper

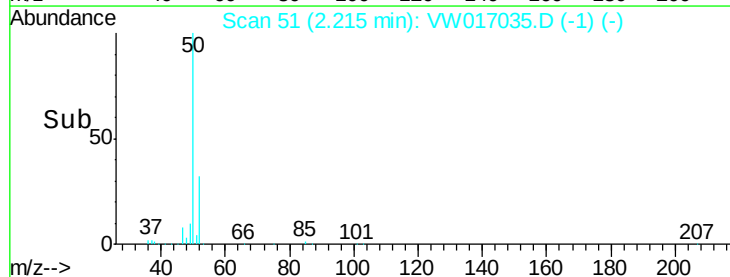
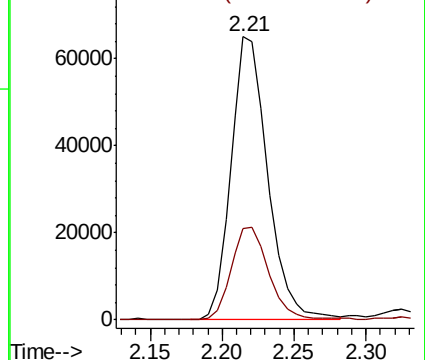
50 100

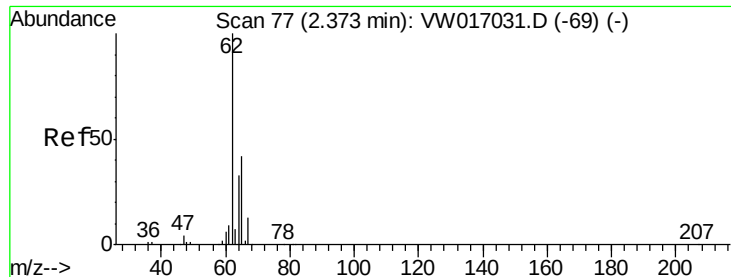
52 32.2 23.5 43.7



Abundance Ion 50.00 (49.70 to 50.70): VW

Ion 52.00 (51.70 to 52.70): VW





#5

Vinyl chloride

Concen: 26.703 ug/L

RT: 2.37 min Scan# 76

Delta R.T. -0.01 min

Lab File: VW017035.D

Acq: 30 Oct 2020 14:34

Instrument :

MSVOA_W

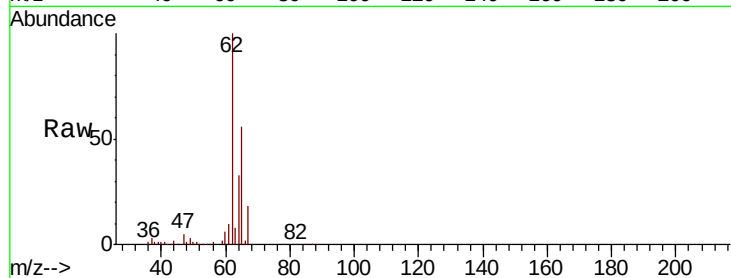
ClientSampleId :

Tot Ion: 62 Resp: 180762

Ion Ratio Lower Upper

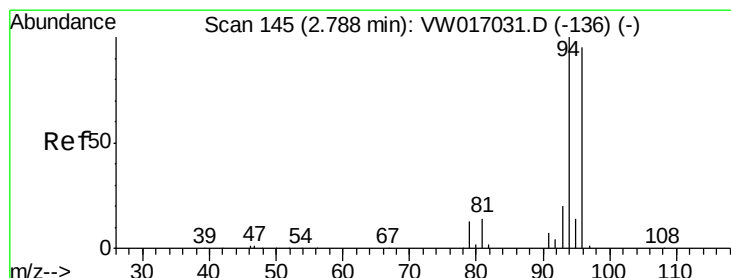
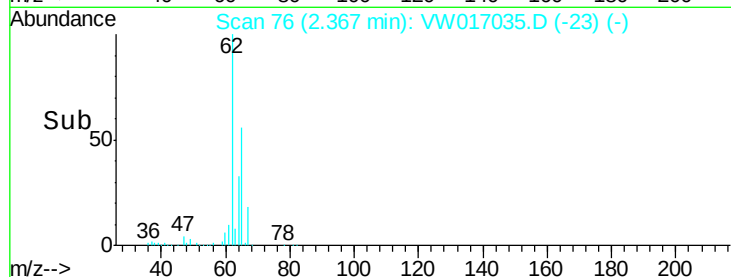
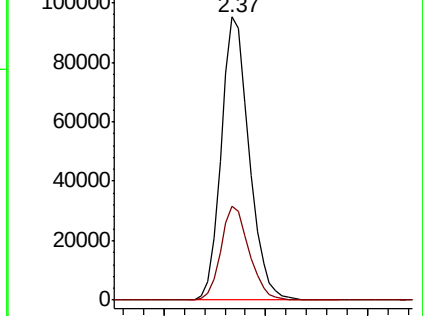
62 100

64 33.2 24.1 44.7



Abundance Ion 62.00 (61.70 to 62.70): VW

Ion 64.00 (63.70 to 64.70): VW



#6

Bromomethane

Concen: 26.104 ug/L

RT: 2.79 min Scan# 145

Delta R.T. 0.00 min

Lab File: VW017035.D

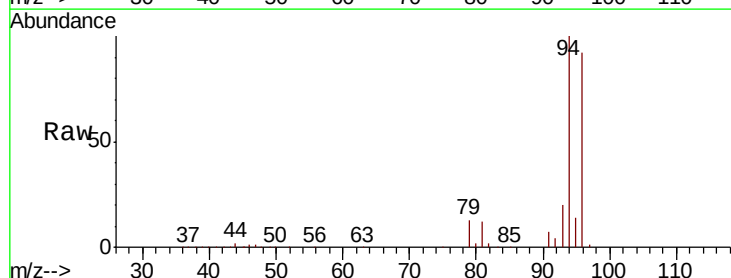
Acq: 30 Oct 2020 14:34

Tgt Ion: 94 Resp: 120014

Ion Ratio Lower Upper

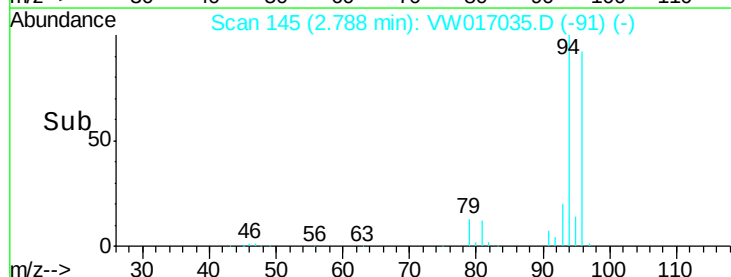
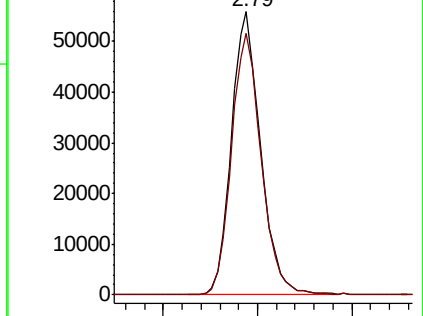
94 100

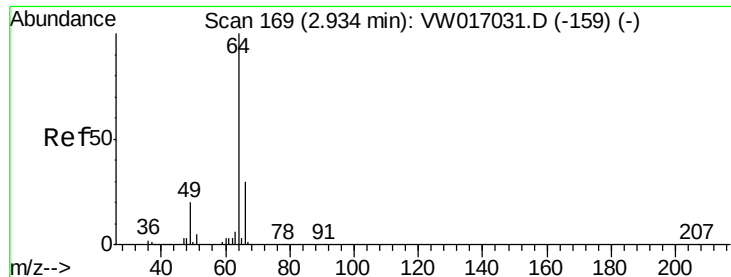
96 94.2 9.4 178.8



Abundance Ion 94.00 (93.70 to 94.70): VW

Ion 96.00 (95.70 to 96.70): VW





#8

Chloroethane

Concen: 27.287 ug/L

RT: 2.93 min Scan# 169

Delta R.T. 0.00 min

Lab File: VW017035.D

Acq: 30 Oct 2020 14:34

Instrument :

MSVOA_W

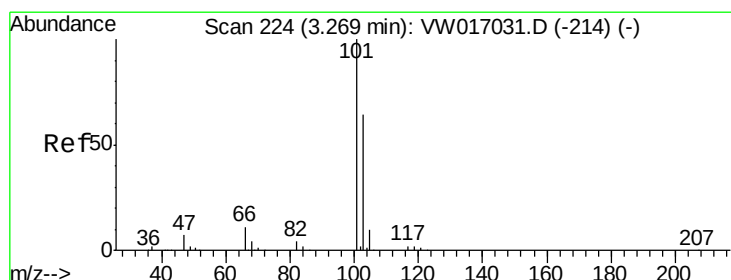
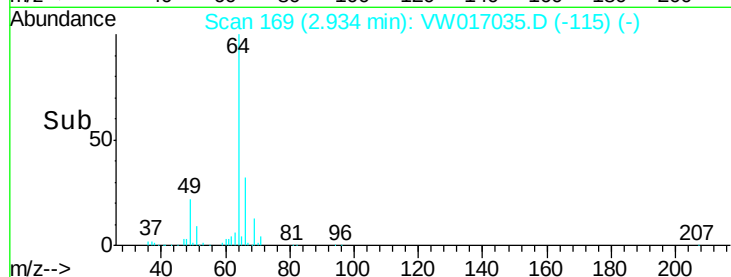
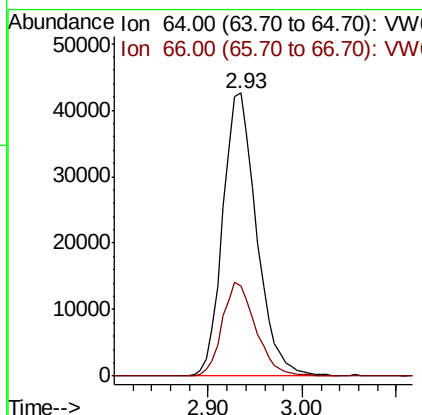
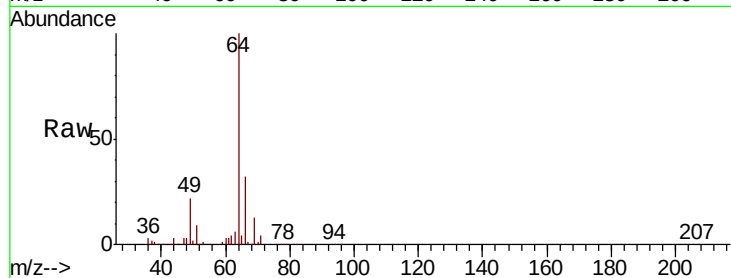
ClientSampleId :

Tot Ion: 64 Resp: 106302

Ion Ratio Lower Upper

64 100

66 31.8 23.4 43.6



#9

Trichlorofluoromethane

Concen: 27.412 ug/L

RT: 3.26 min Scan# 223

Delta R.T. -0.01 min

Lab File: VW017035.D

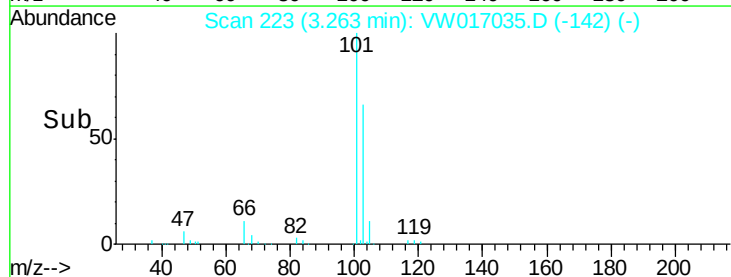
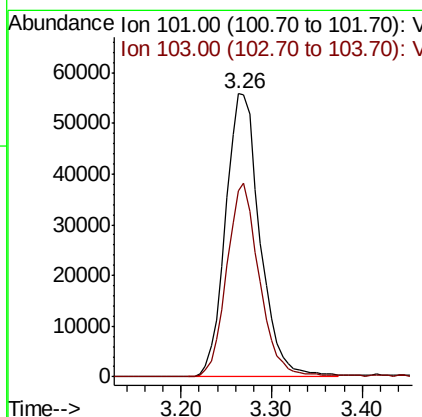
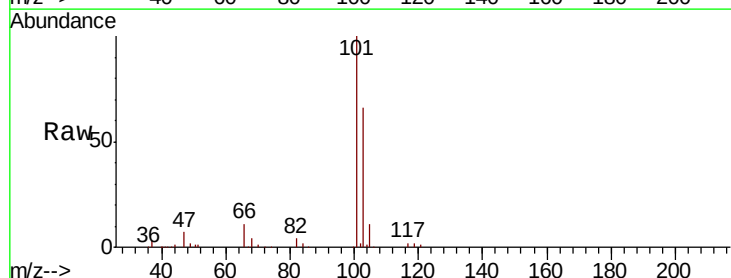
Acq: 30 Oct 2020 14:34

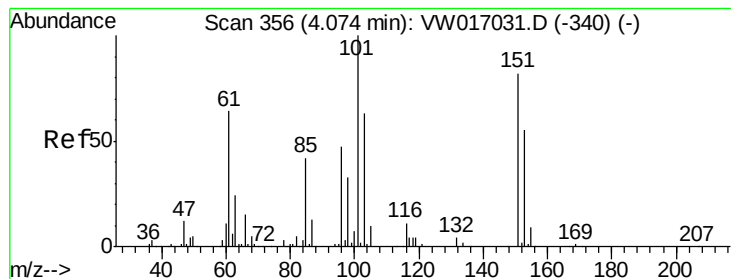
Tgt Ion: 101 Resp: 147181

Ion Ratio Lower Upper

101 100

103 64.8 44.9 83.5





#11

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

Concen: 26.916 ug/L

RT: 4.08 min Scan# 357

Delta R.T. 0.01 min

Lab File: VW017035.D

Acq: 30 Oct 2020 14:34

Instrument :

MSVOA_W

ClientSampled :

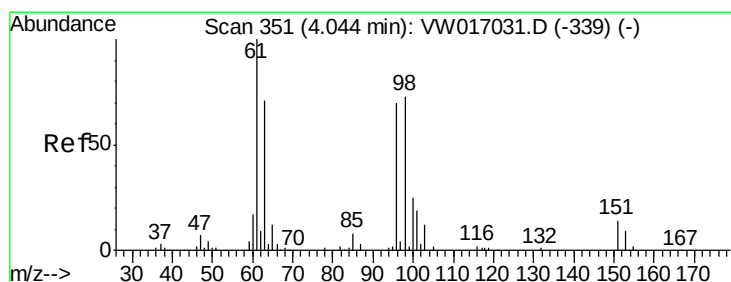
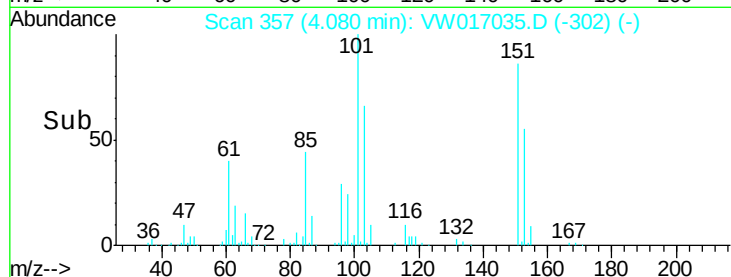
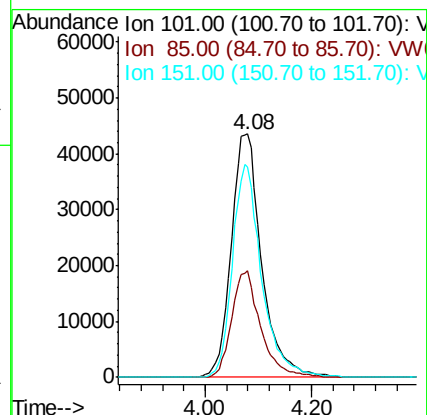
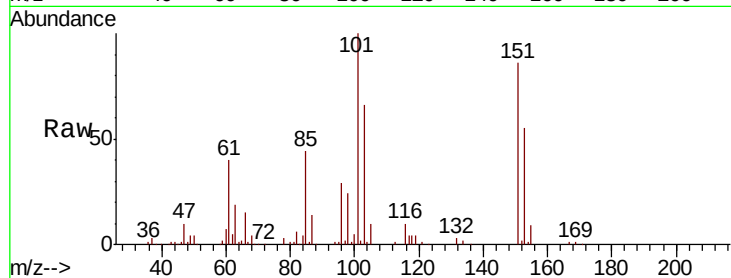
Tot Ion:101 Resp: 174176

Ion Ratio Lower Upper

101 100

85 41.3 32.5 48.7

151 83.7 65.7 98.5



#12

1,1-Dichloroethene

Concen: 27.116 ug/L

RT: 4.04 min Scan# 351

Delta R.T. 0.00 min

Lab File: VW017035.D

Acq: 30 Oct 2020 14:34

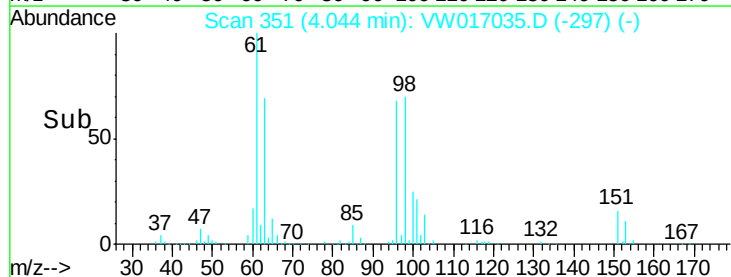
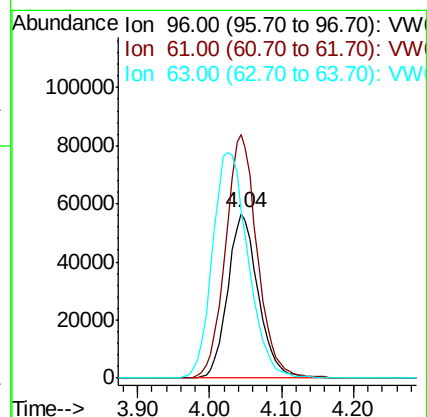
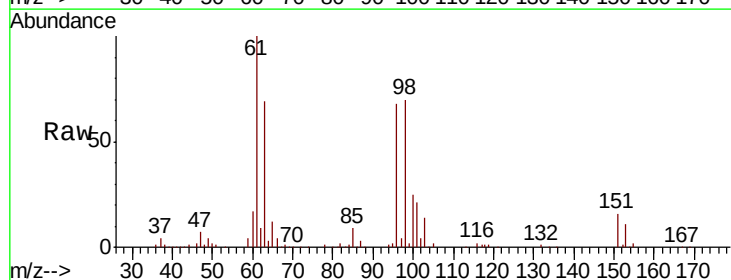
Tgt Ion: 96 Resp: 166639

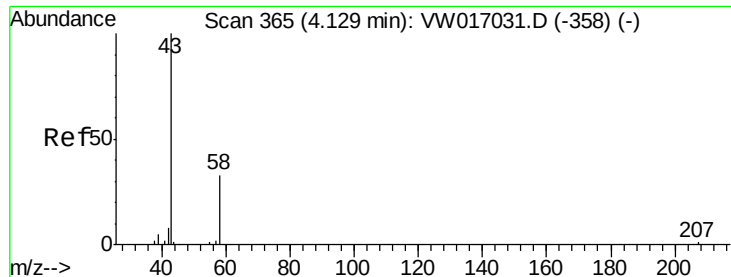
Ion Ratio Lower Upper

96 100

61 147.8 101.4 188.4

63 101.5 78.5 145.9





#13

Acetone

Concen: 54.410 ug/L

RT: 4.13 min Scan# 365

Delta R.T. 0.00 min

Lab File: VW017035.D

Acq: 30 Oct 2020 14:34

Instrument :

MSVOA_W

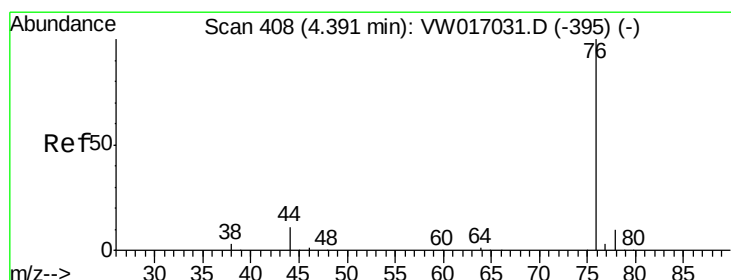
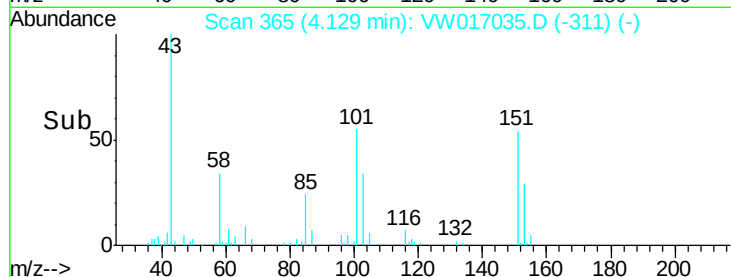
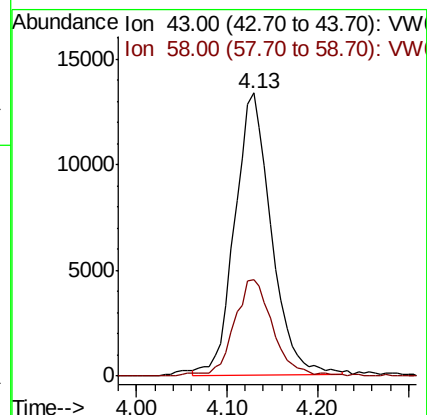
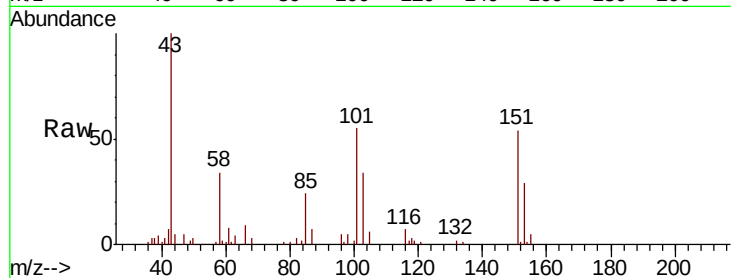
ClientSampled :

Tot Ion: 43 Resp: 37367

Ion Ratio Lower Upper

43 100

58 34.8 0.0 69.8



#14

Carbon disulfide

Concen: 25.354 ug/L

RT: 4.39 min Scan# 408

Delta R.T. 0.00 min

Lab File: VW017035.D

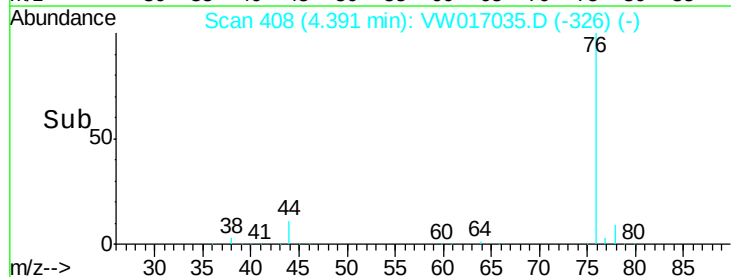
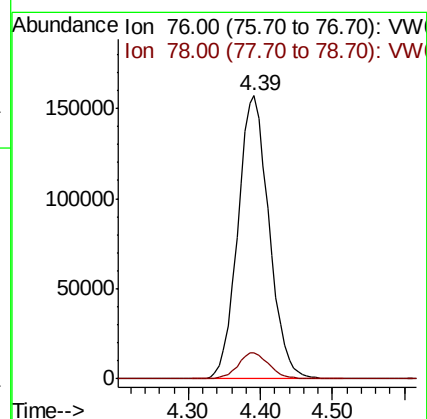
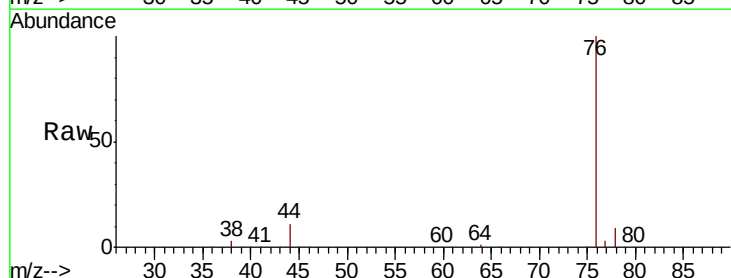
Acq: 30 Oct 2020 14:34

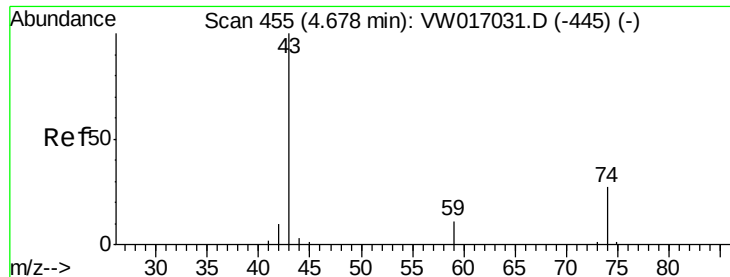
Tgt Ion: 76 Resp: 472339

Ion Ratio Lower Upper

76 100

78 9.1 7.3 10.9





#15

Methvl Acetate

Concen: 26.083 ug/L

RT: 4.67 min Scan# 454

Delta R.T. -0.01 min

Lab File: VW017035.D

Acq: 30 Oct 2020 14:34

Instrument :

MSVOA_W

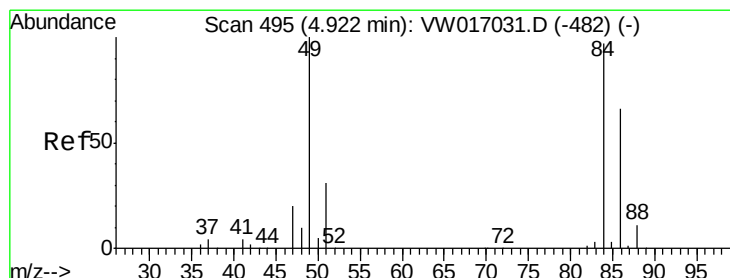
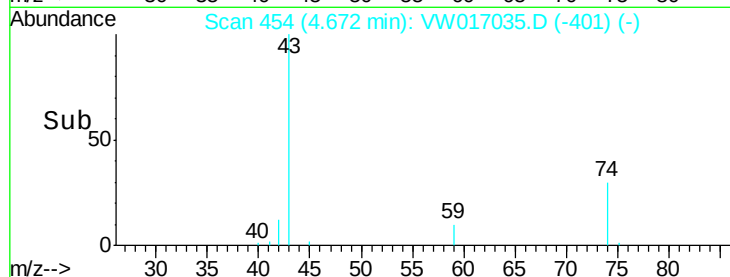
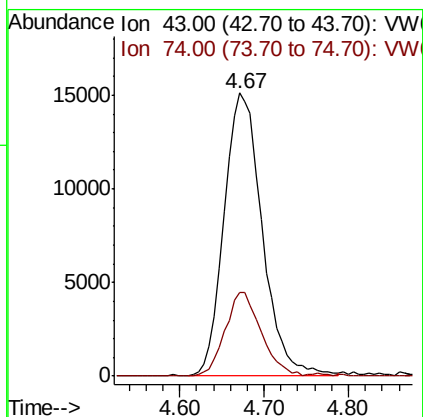
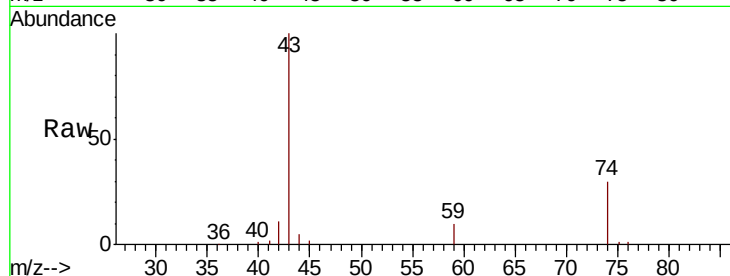
ClientSampleId :

Tot Ion: 43 Resp: 46768

Ion Ratio Lower Upper

43 100

74 27.9 22.8 34.2



#16

Methylene chloride

Concen: 26.978 ug/L

RT: 4.92 min Scan# 495

Delta R.T. 0.00 min

Lab File: VW017035.D

Acq: 30 Oct 2020 14:34

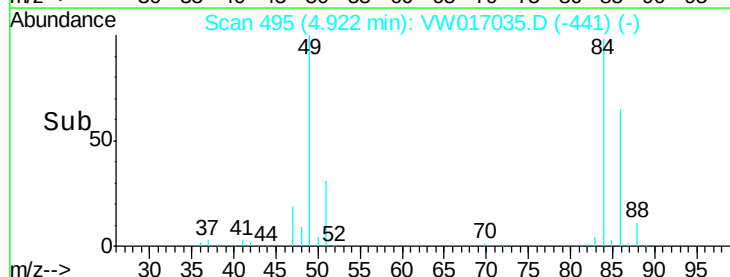
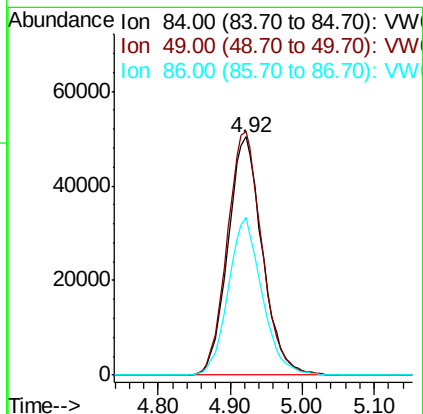
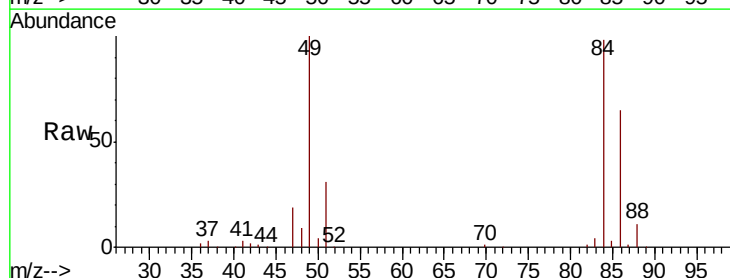
Tgt Ion: 84 Resp: 167447

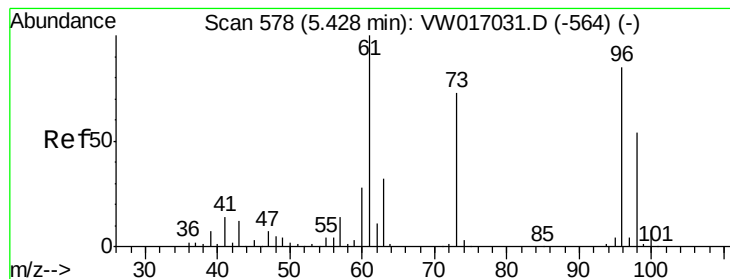
Ion Ratio Lower Upper

84 100

49 102.3 73.8 137.0

86 66.4 47.4 88.0





#17

Methvl tert-butyl Ether

Concen: 26.857 ug/L

RT: 5.43 min Scan# 579

Delta R.T. 0.01 min

Lab File: VW017035.D

Acq: 30 Oct 2020 14:34

Instrument :

MSVOA_W

ClientSampleId :

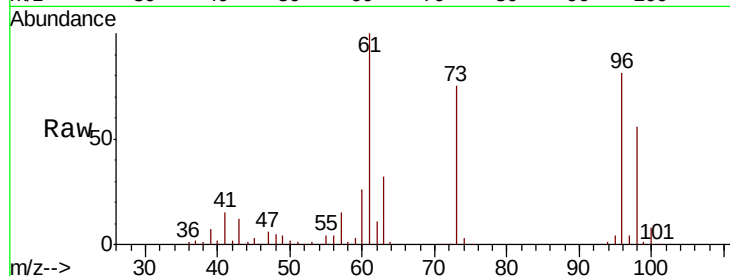
Tot Ion: 73 Resp: 179906

Ion Ratio Lower Upper

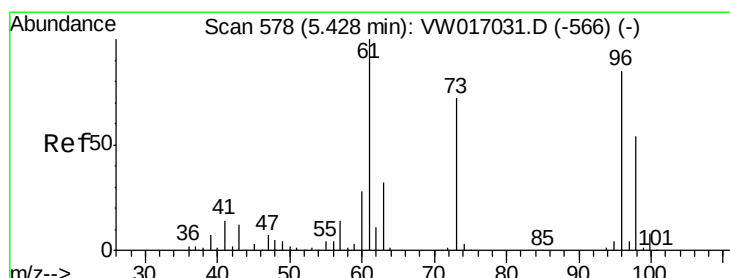
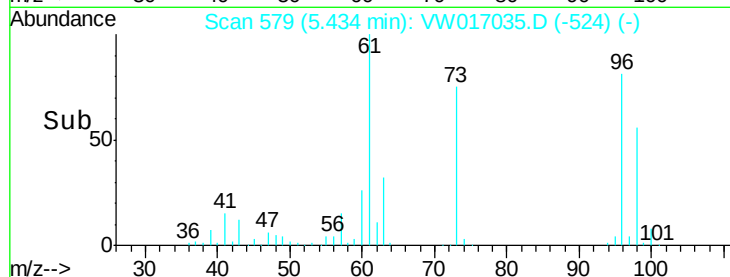
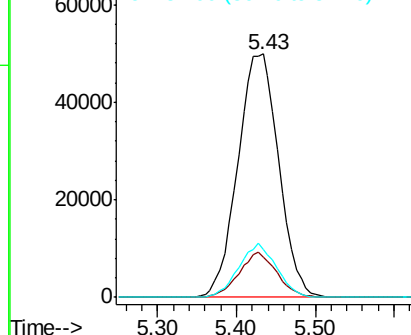
73 100

43 17.1 14.4 21.6

57 20.3 16.6 25.0



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: 26.933 ug/L

RT: 5.43 min Scan# 578

Delta R.T. 0.00 min

Lab File: VW017035.D

Acq: 30 Oct 2020 14:34

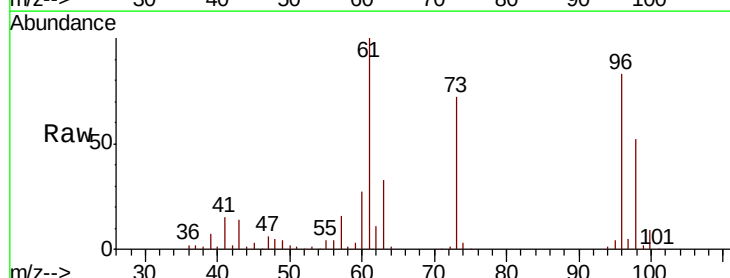
Tgt Ion: 96 Resp: 173099

Ion Ratio Lower Upper

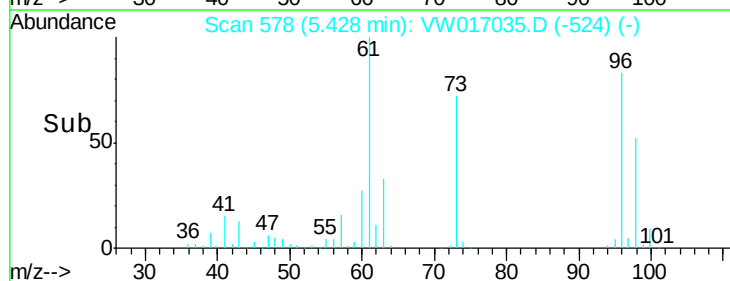
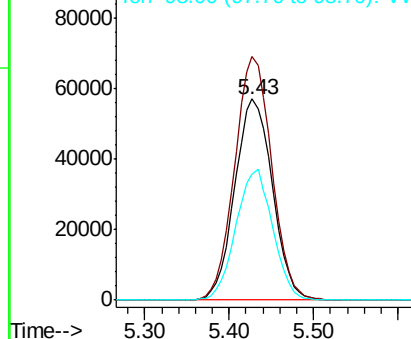
96 100

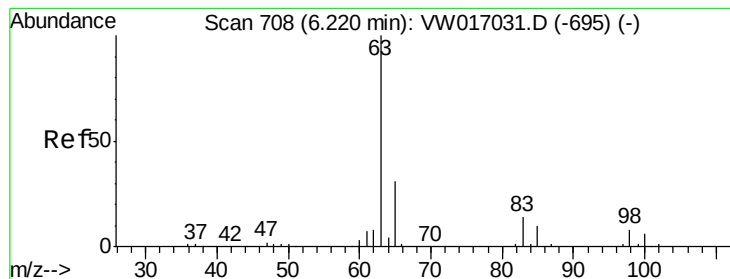
61 121.1 82.7 153.7

98 62.4 42.6 79.0



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: 26.847 ug/L

RT: 6.22 min Scan# 708

Delta R.T. 0.00 min

Lab File: VW017035.D

Acq: 30 Oct 2020 14:34

Instrument :
MSVOA_W
ClientSampled :

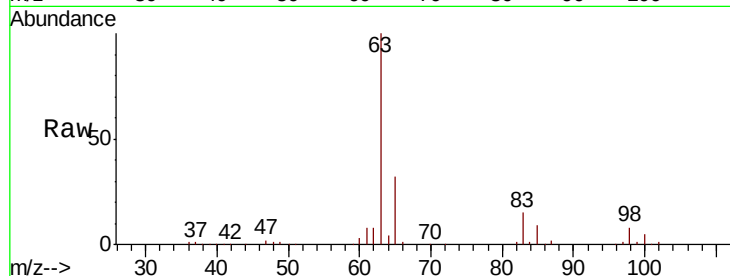
Tot Ion: 63 Resp: 264244

Ion Ratio Lower Upper

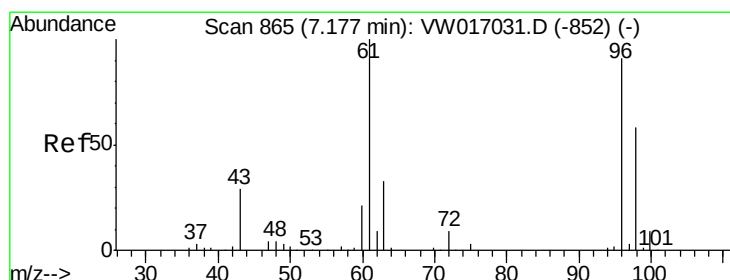
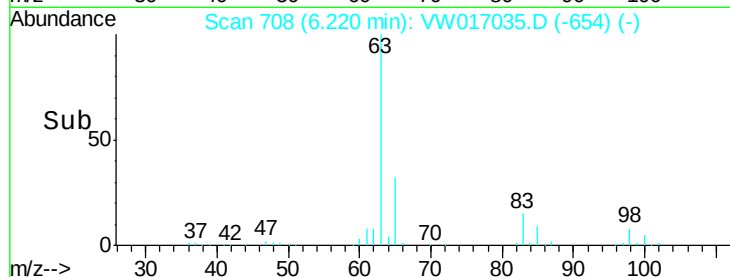
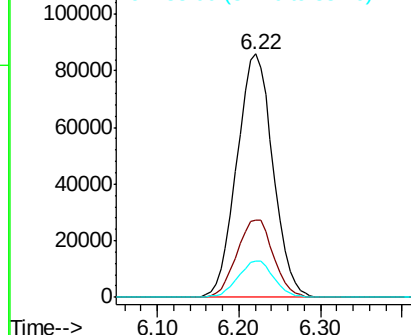
63 100

65 31.9 22.5 41.9

83 15.1 10.1 18.9



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: 50.940 ug/L

RT: 7.18 min Scan# 865

Delta R.T. 0.00 min

Lab File: VW017035.D

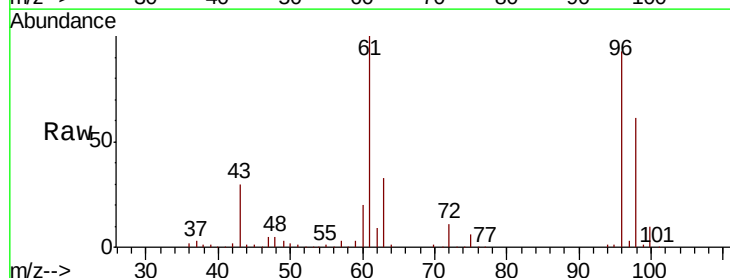
Acq: 30 Oct 2020 14:34

Tgt Ion: 43 Resp: 58546

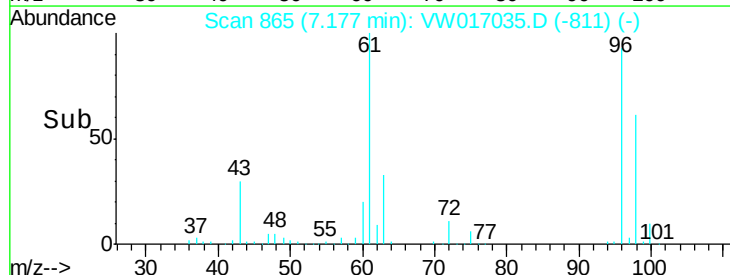
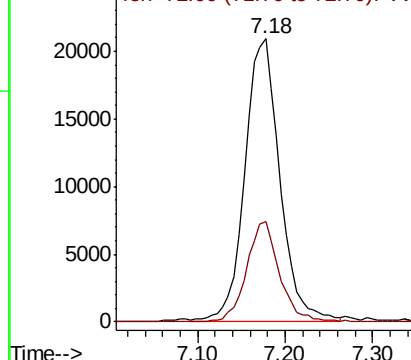
Ion Ratio Lower Upper

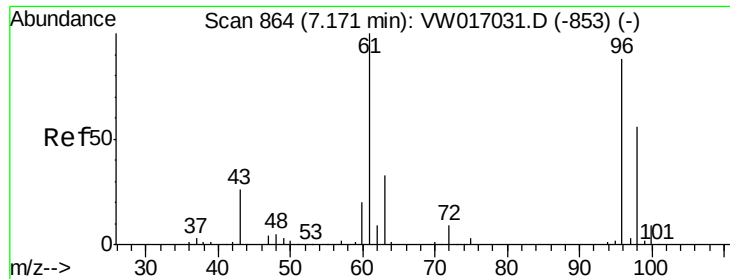
43 100

72 32.9 16.1 48.2



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



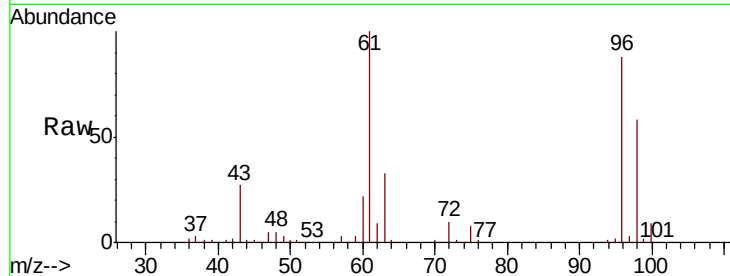


#22

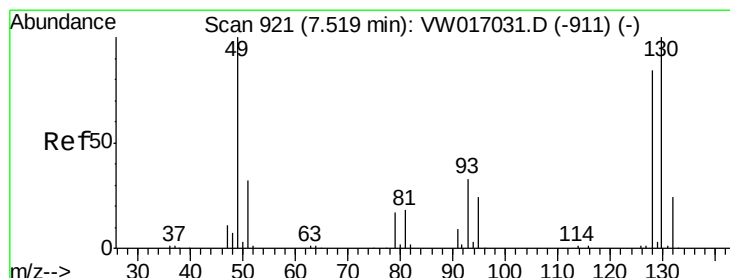
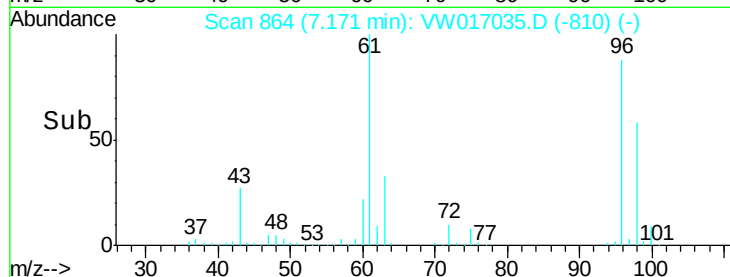
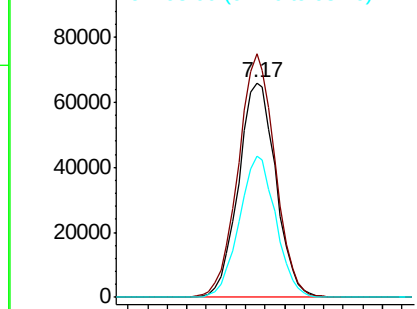
cis-1,2-Dichloroethene
Concen: 26.931 ug/L
RT: 7.17 min Scan# 864
Delta R.T. 0.00 min
Lab File: VW017035.D
Acq: 30 Oct 2020 14:34

Instrument :
MSVOA_W
ClientSampleId :

Tot Ion: 96 Resp: 174989
Ion Ratio Lower Upper
96 100
61 113.3 77.4 143.8
98 65.7 44.4 82.5



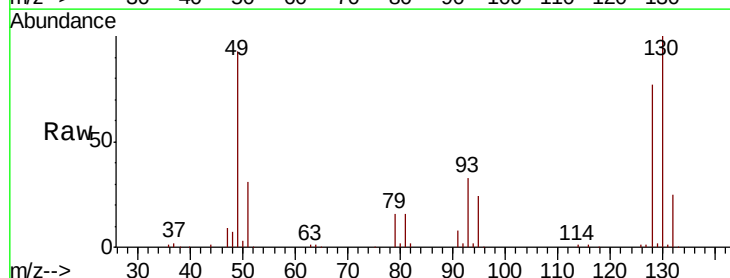
Abundance Ion 96.00 (95.70 to 96.70): VW
Ion 61.00 (60.70 to 61.70): VW
Ion 98.00 (97.70 to 98.70): VW



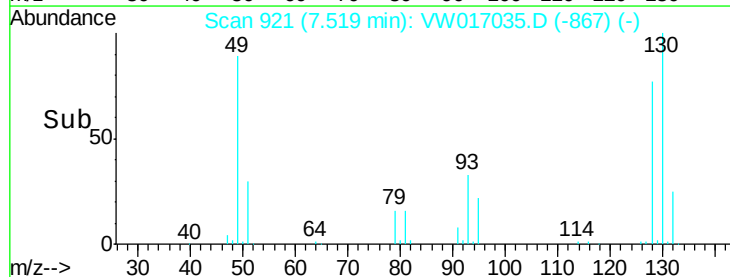
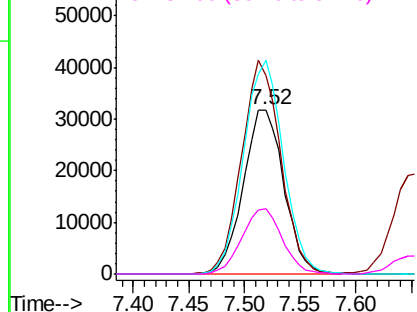
#23

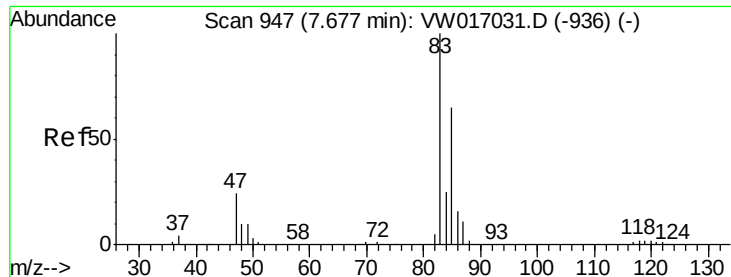
Bromochloromethane
Concen: 26.878 ug/L
RT: 7.52 min Scan# 921
Delta R.T. 0.00 min
Lab File: VW017035.D
Acq: 30 Oct 2020 14:34

Tgt Ion: 128 Resp: 80623
Ion Ratio Lower Upper
128 100
49 121.0 86.4 160.4
130 130.1 86.4 160.4
51 39.7 30.9 46.3



Abundance Ion 128.00 (127.70 to 128.70): V
Ion 49.00 (48.70 to 49.70): VW
Ion 130.00 (129.70 to 130.70): V
Ion 51.00 (50.70 to 51.70): VW

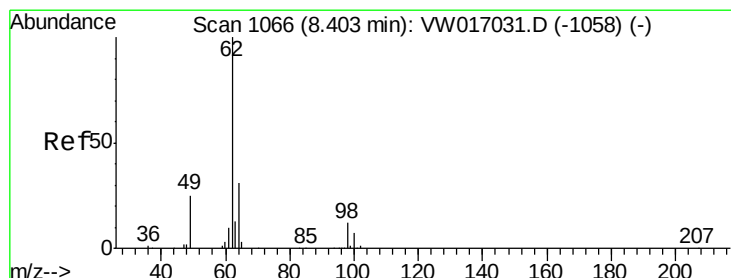
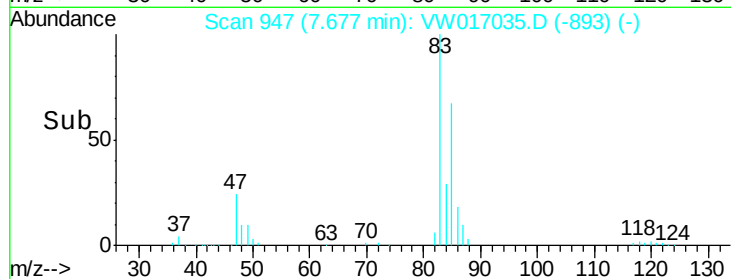
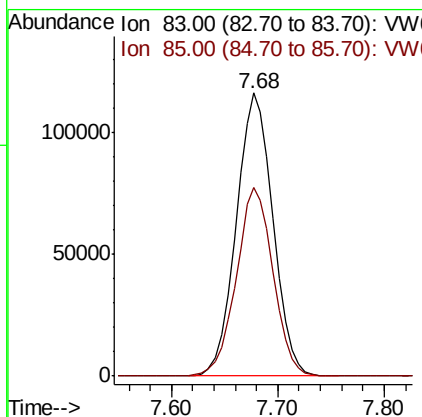
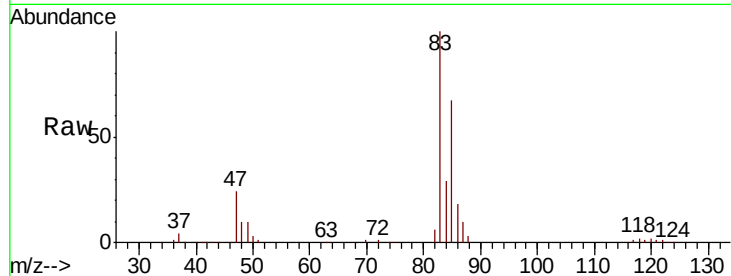




#25
Chloroform
Concen: 26.796 ug/L
RT: 7.68 min Scan# 947
Delta R.T. 0.00 min
Lab File: VW017035.D
Acq: 30 Oct 2020 14:34

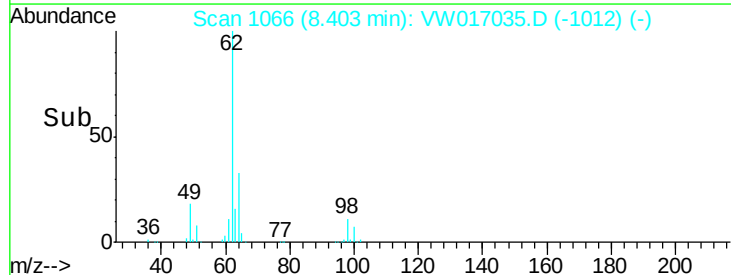
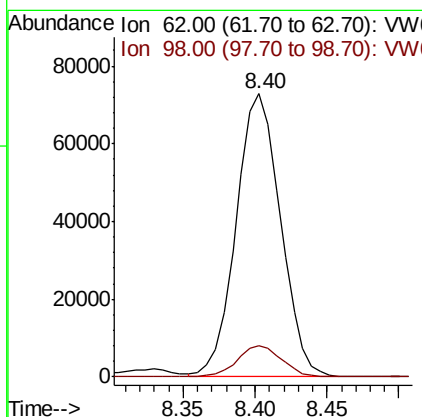
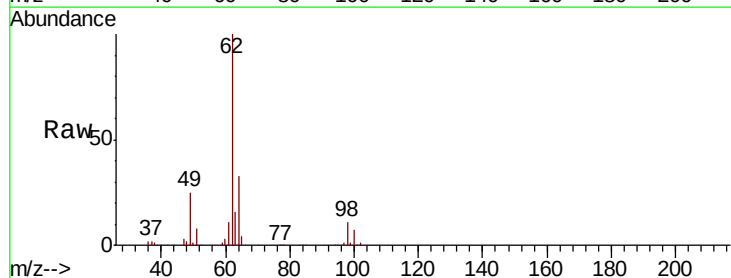
Instrument :
MSVOA_W
ClientSampled :

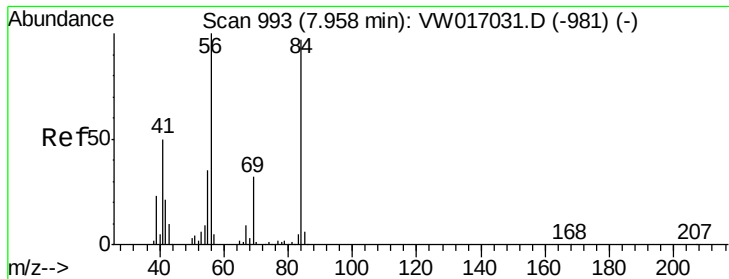
Tot Ion: 83 Resp: 280771
Ion Ratio Lower Upper
83 100
85 67.0 46.6 86.6



#27
1,2-Dichloroethane
Concen: 26.183 ug/L
RT: 8.40 min Scan# 1066
Delta R.T. 0.00 min
Lab File: VW017035.D
Acq: 30 Oct 2020 14:34

Tgt Ion: 62 Resp: 156236
Ion Ratio Lower Upper
62 100
98 11.2 8.5 12.7

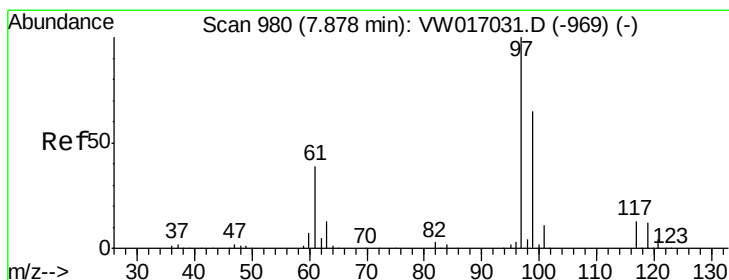
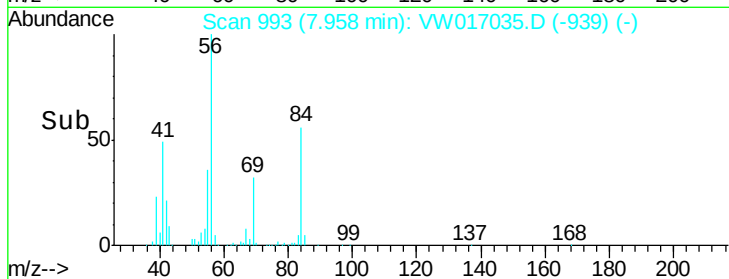
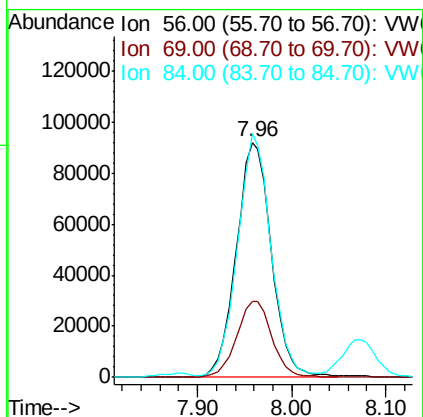
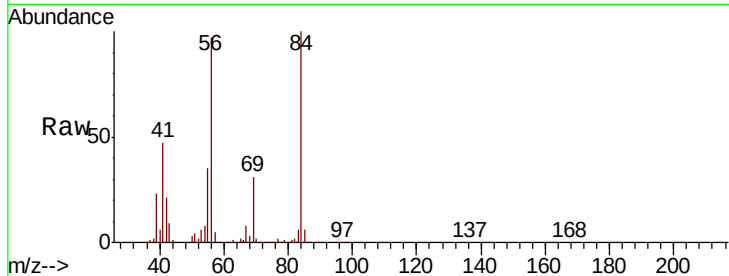




#30
Cyclohexane
Concen: 26.617 ug/L
RT: 7.96 min Scan# 993
Delta R.T. 0.00 min
Lab File: VW017035.D
Acq: 30 Oct 2020 14:34

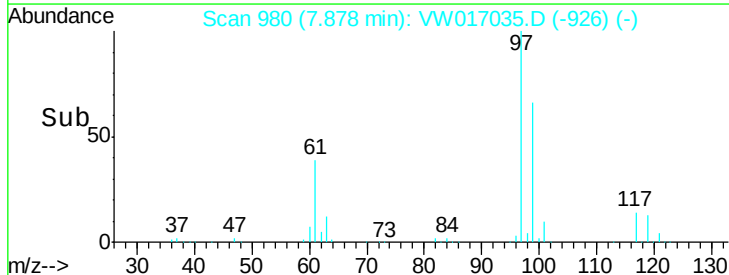
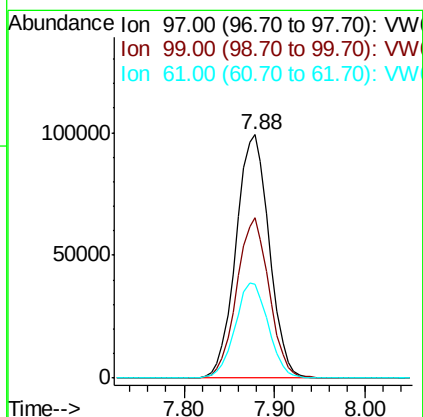
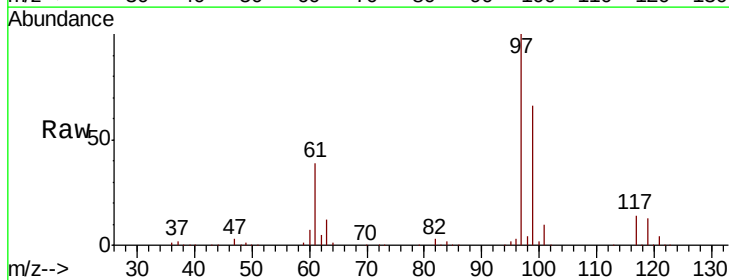
Instrument :
MSVOA_W
ClientSampleId :

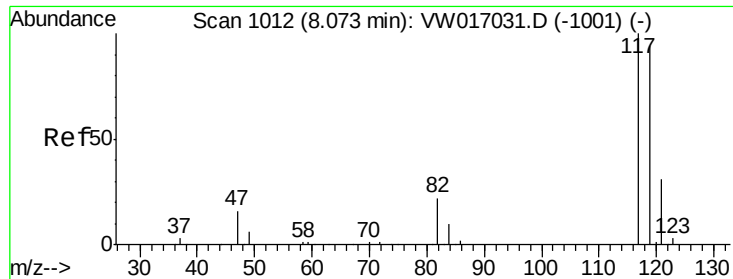
Tot Ion	Ratio	Lower	Upper
56	100		
69	32.6	26.0	39.0
84	99.3	78.6	118.0



#31
1,1,1-Trichloroethane
Concen: 27.134 ug/L
RT: 7.88 min Scan# 980
Delta R.T. 0.00 min
Lab File: VW017035.D
Acq: 30 Oct 2020 14:34

Tgt Ion	Ratio	Lower	Upper
97	100		
99	64.5	51.3	76.9
61	39.1	31.8	47.8





#32

Carbon tetrachloride

Concen: 27.572 ug/L

RT: 8.07 min Scan# 1012

Delta R.T. 0.00 min

Lab File: VW017035.D

Acq: 30 Oct 2020 14:34

Instrument :

MSVOA_W

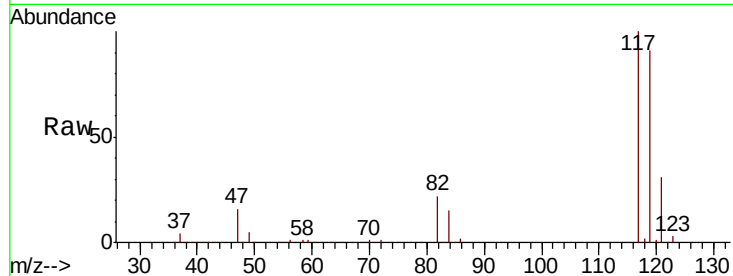
ClientSampleId :

Tot Ion:117 Resp: 246262

Ion Ratio Lower Upper

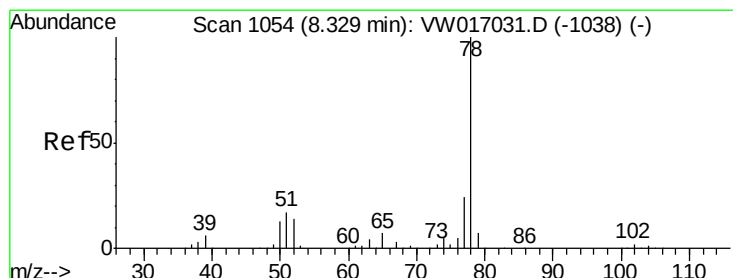
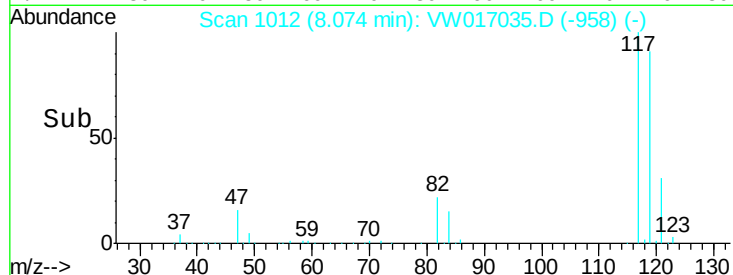
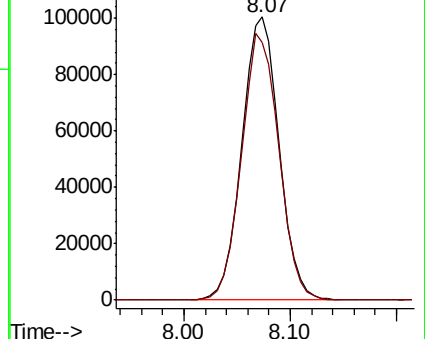
117 100

119 94.7 78.0 117.0



Abundance Ion 117.00 (116.70 to 117.70): V

Ion 119.00 (118.70 to 119.70): V



#34

Benzene

Concen: 26.520 ug/L

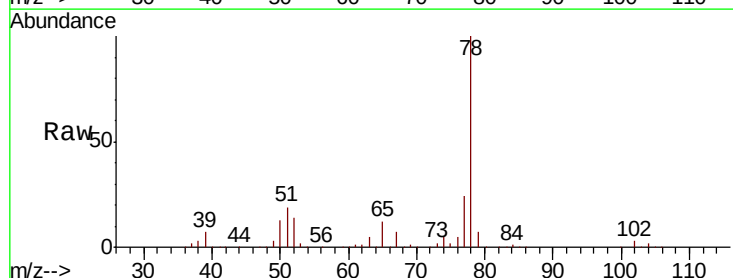
RT: 8.32 min Scan# 1053

Delta R.T. -0.01 min

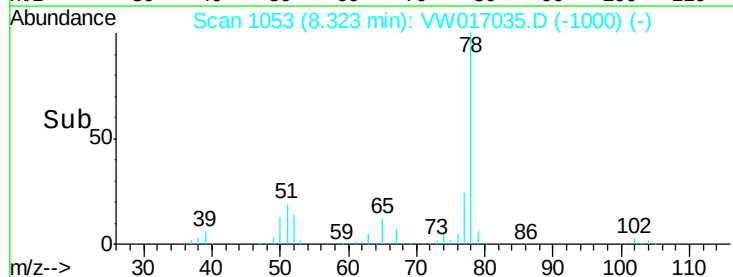
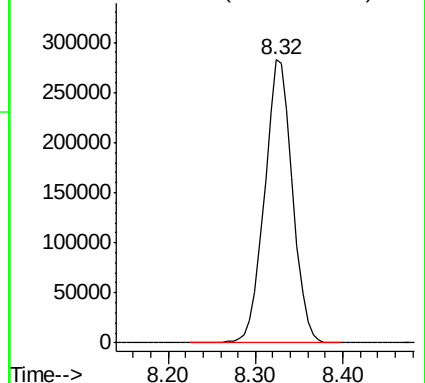
Lab File: VW017035.D

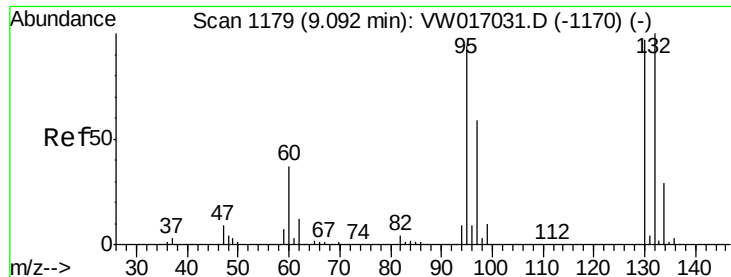
Acq: 30 Oct 2020 14:34

Tgt Ion: 78 Resp: 629700



Abundance Ion 78.00 (77.70 to 78.70): VW

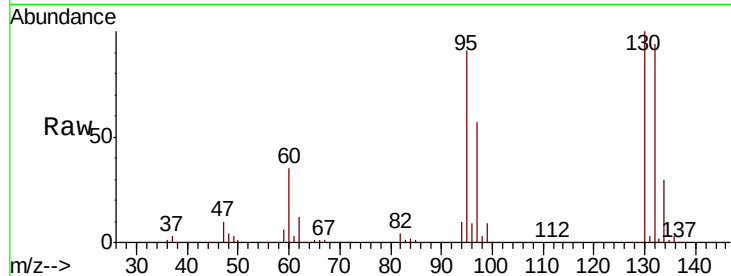




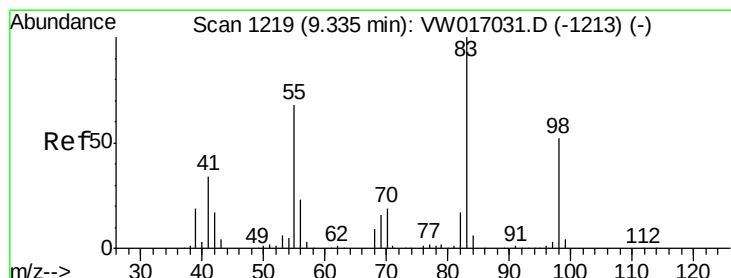
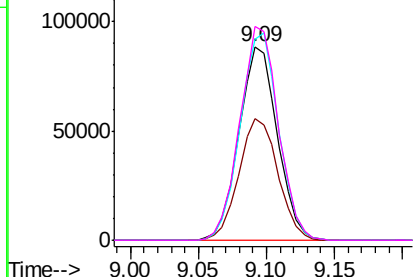
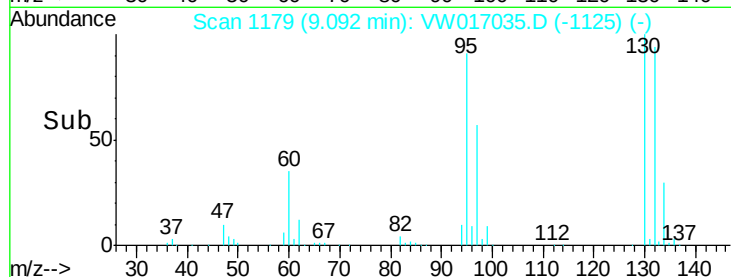
#35
 Trichloroethene
 Concen: 26.644 ug/L
 RT: 9.09 min Scan# 1179
 Delta R.T. 0.00 min
 Lab File: VW017035.D
 Acq: 30 Oct 2020 14:34

Instrument :
 MSVOA_W
 ClientSampled :

Tot Ion: 95 Resp: 175209
 Ion Ratio Lower Upper
 95 100
 97 64.1 46.0 85.4
 132 106.9 73.9 137.3
 130 110.8 77.6 144.2

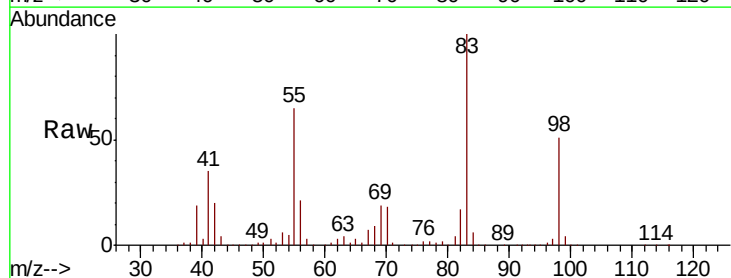


Abundance Ion 95.00 (94.70 to 95.70): VW
 150000 Ion 97.00 (96.70 to 97.70): VW
 Ion 132.00 (131.70 to 132.70): V
 Ion 130.00 (129.70 to 130.70): V

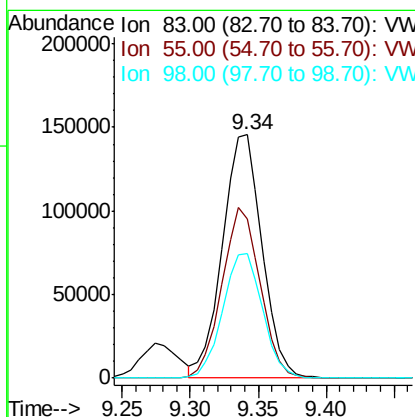
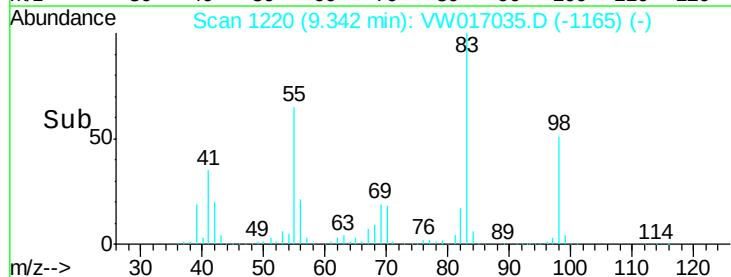


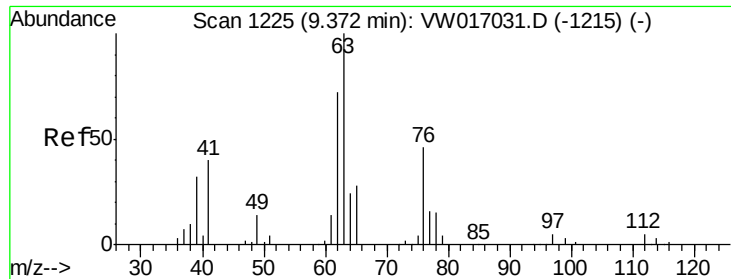
#36
 Methylcyclohexane
 Concen: 26.697 ug/L
 RT: 9.34 min Scan# 1220
 Delta R.T. 0.01 min
 Lab File: VW017035.D
 Acq: 30 Oct 2020 14:34

Tgt Ion: 83 Resp: 294833
 Ion Ratio Lower Upper
 83 100
 55 67.8 54.5 81.7
 98 51.6 40.8 61.2



Abundance Ion 83.00 (82.70 to 83.70): VW
 200000 Ion 55.00 (54.70 to 55.70): VW
 Ion 98.00 (97.70 to 98.70): VW

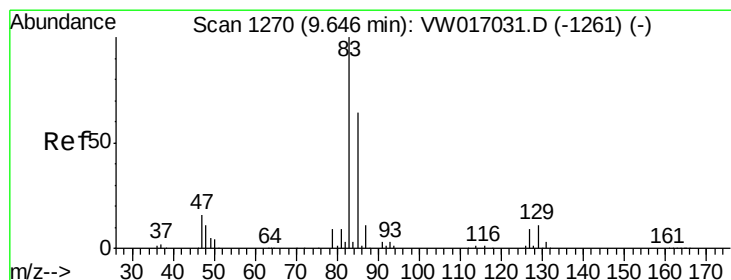
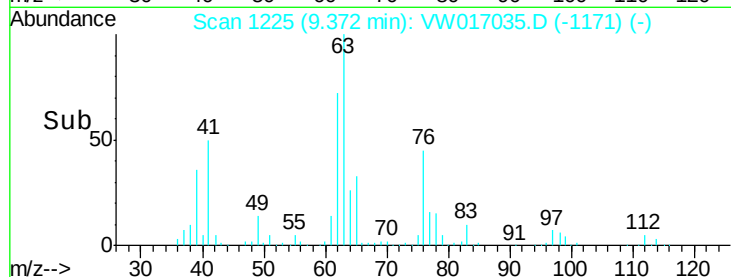
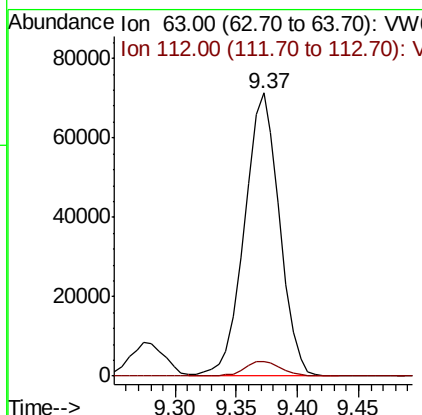
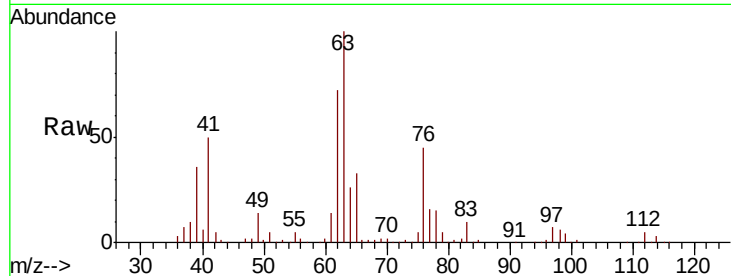




#40
 1,2-Dichloropropane
 Concen: 26.682 ug/L
 RT: 9.37 min Scan# 1225
 Delta R.T. 0.00 min
 Lab File: VW017035.D
 Acq: 30 Oct 2020 14:34

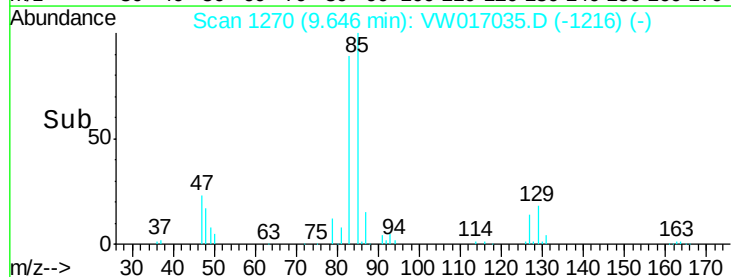
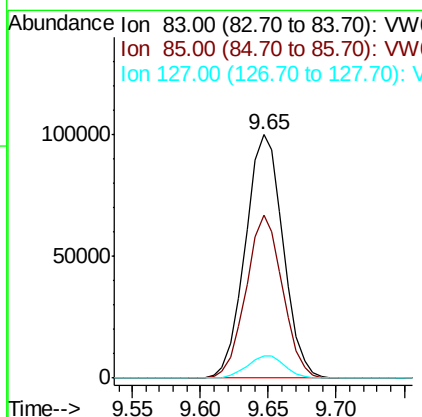
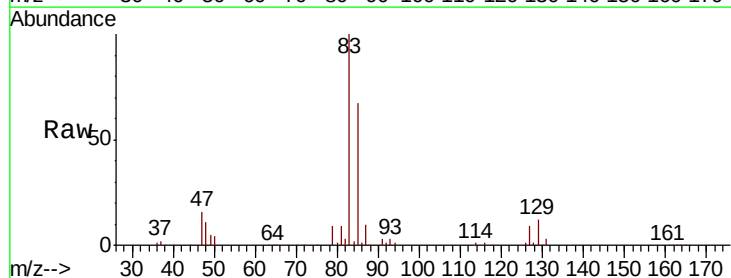
Instrument :
 MSVOA_W
 ClientSampled :

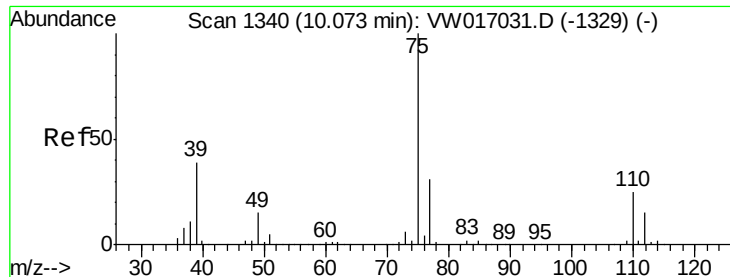
Tot Ion: 63 Resp: 141486
 Ion Ratio Lower Upper
 63 100
 112 5.4 4.5 6.7



#41
 Bromodichloromethane
 Concen: 26.952 ug/L
 RT: 9.65 min Scan# 1270
 Delta R.T. 0.00 min
 Lab File: VW017035.D
 Acq: 30 Oct 2020 14:34

Tgt Ion: 83 Resp: 193974
 Ion Ratio Lower Upper
 83 100
 85 66.8 45.1 83.9
 127 9.1 7.8 11.6





#42

cis-1,3-Dichloropropene

Concen: 26.981 ug/L

RT: 10.07 min Scan# 1340

Delta R.T. 0.00 min

Lab File: VW017035.D

Acq: 30 Oct 2020 14:34

Instrument :

MSVOA_W

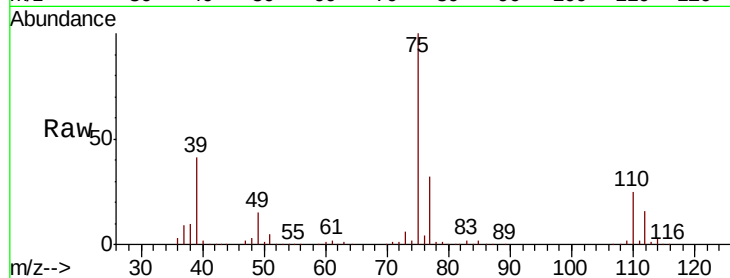
ClientSampled :

Tot Ion: 75 Resp: 223725

Ion Ratio Lower Upper

75 100

77 31.6 22.7 42.1



Abundance Ion 75.00 (74.70 to 75.70): VW

Ion 77.00 (76.70 to 77.70): VW

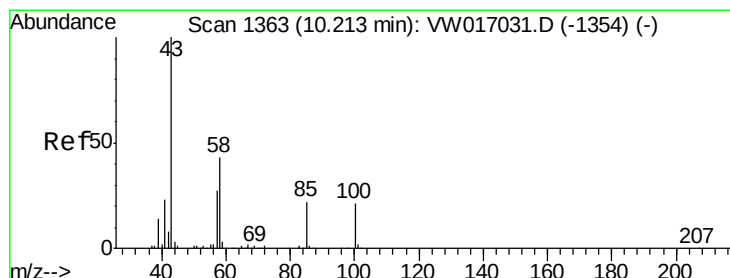
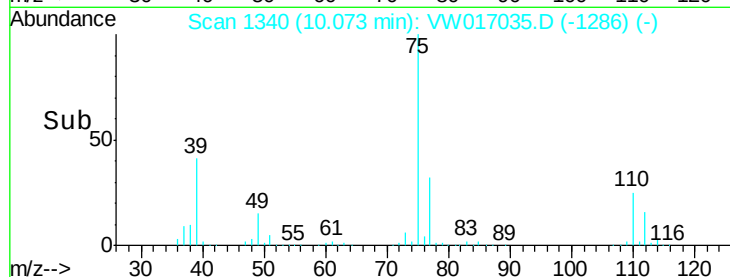
10.07

100000

50000

0

Time-->



#43

4-Methyl-2-pentanone

Concen: 52.054 ug/L

RT: 10.21 min Scan# 1363

Delta R.T. 0.00 min

Lab File: VW017035.D

Acq: 30 Oct 2020 14:34

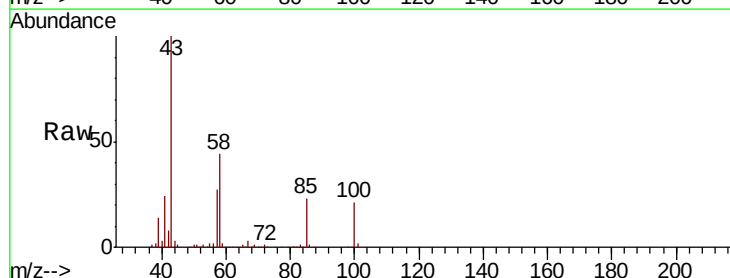
Tgt Ion: 43 Resp: 130840

Ion Ratio Lower Upper

43 100

58 43.3 34.4 51.6

100 20.4 16.2 24.2



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

Ion 100.00 (99.70 to 100.70): VW

250000

200000

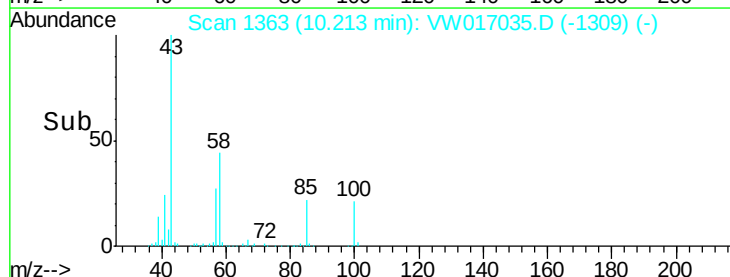
150000

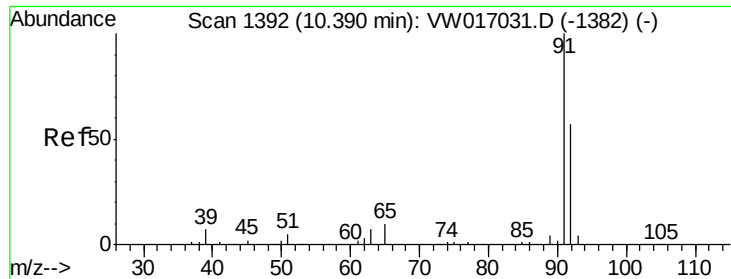
100000

50000

0

Time-->





#44

Toluene

Concen: 26.873 ug/L

RT: 10.39 min Scan# 1392

Delta R.T. 0.00 min

Lab File: VW017035.D

Acq: 30 Oct 2020 14:34

Instrument :

MSVOA_W

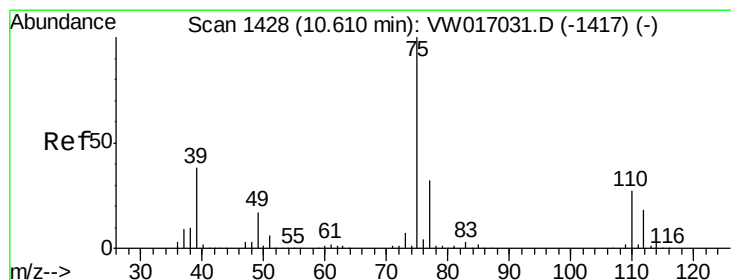
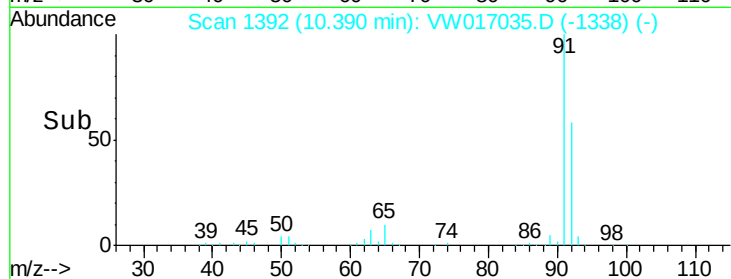
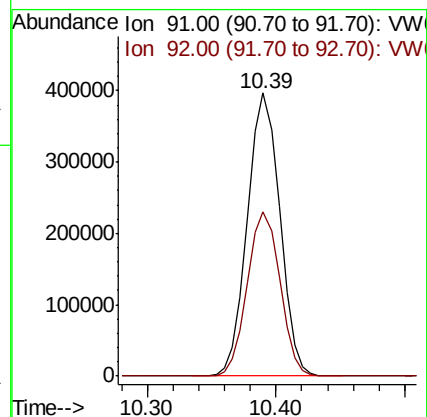
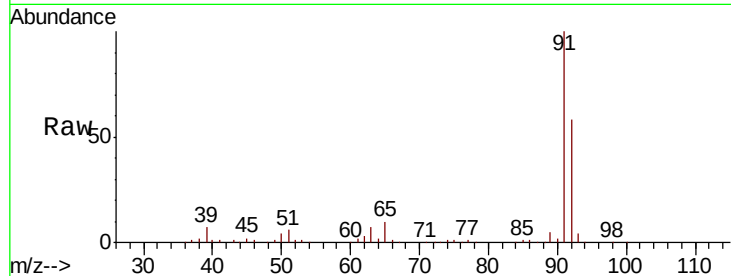
ClientSampled :

Tot Ion: 91 Resp: 691328

Ion Ratio Lower Upper

91 100

92 58.2 40.1 74.5



#45

trans-1,3-Dichloropropene

Concen: 26.942 ug/L

RT: 10.61 min Scan# 1428

Delta R.T. 0.00 min

Lab File: VW017035.D

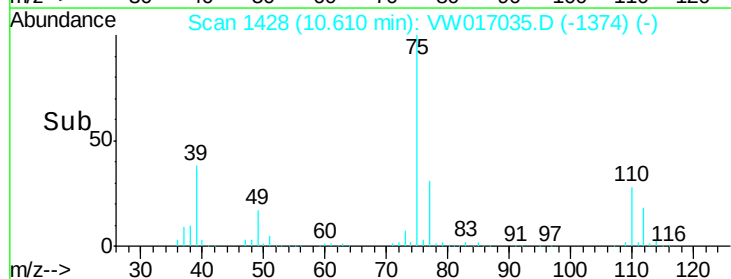
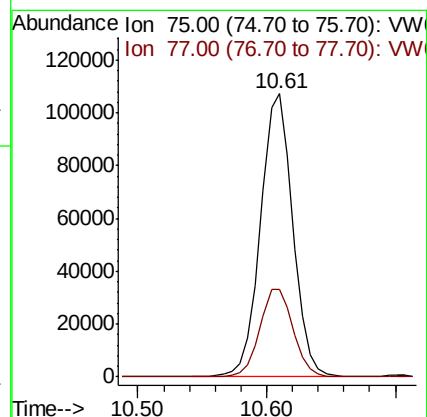
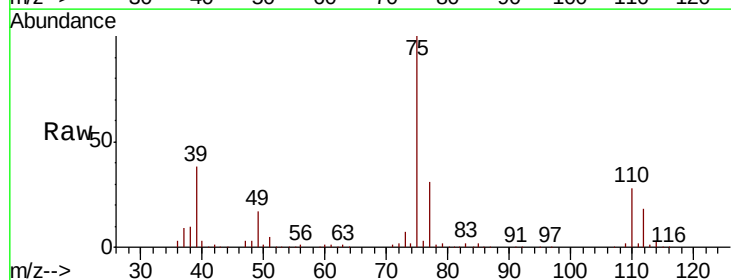
Acq: 30 Oct 2020 14:34

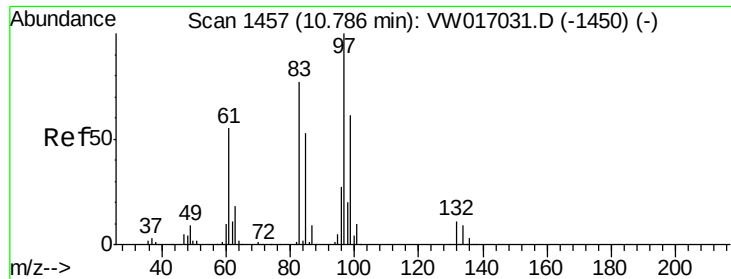
Tgt Ion: 75 Resp: 185060

Ion Ratio Lower Upper

75 100

77 30.7 22.7 42.3





#46

1,1,2-Trichloroethane

Concen: 25.991 ug/L

RT: 10.79 min Scan# 1457

Delta R.T. 0.00 min

Lab File: VW017035.D

Acq: 30 Oct 2020 14:34

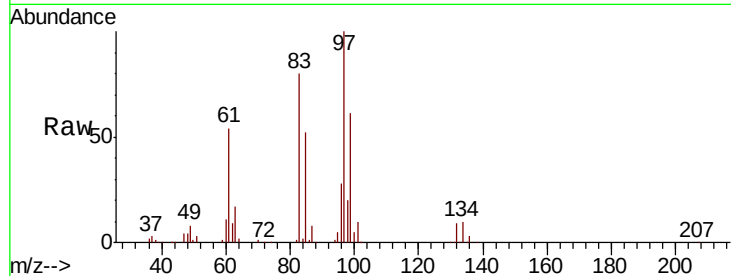
Instrument :

MSVOA_W

ClientSampleId :

Tot Ion: 97 Resp: 110315

Ion	Ratio	Lower	Upper
97	100		
83	80.0	56.6	105.0
85	52.0	34.6	64.3
99	61.1	43.5	80.9



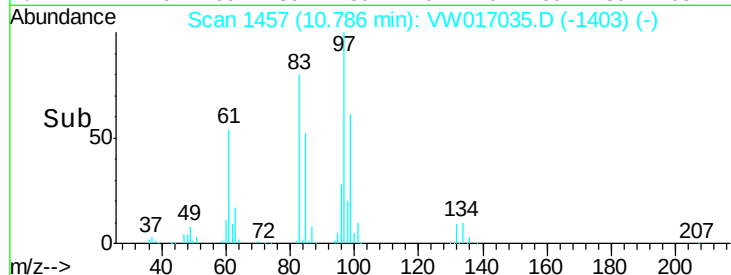
Abundance

Ion 97.00 (96.70 to 97.70): VW

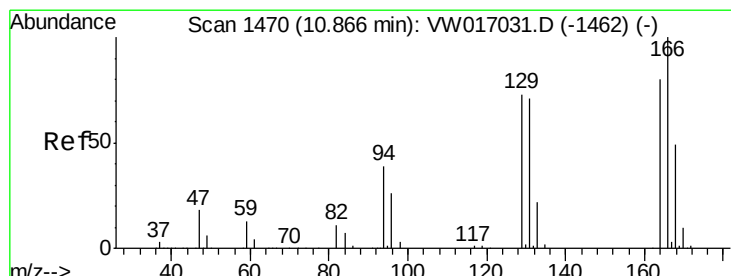
Ion 83.00 (82.70 to 83.70): VW

Ion 85.00 (84.70 to 85.70): VW

Ion 99.00 (98.70 to 99.70): VW



Time-->



#47

Tetrachloroethene

Concen: 26.127 ug/L

RT: 10.87 min Scan# 1470

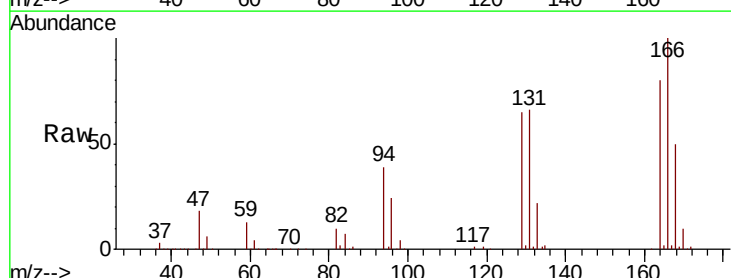
Delta R.T. 0.00 min

Lab File: VW017035.D

Acq: 30 Oct 2020 14:34

Tgt Ion: 164 Resp: 158040

Ion	Ratio	Lower	Upper
164	100		
129	81.0	64.0	119.0
131	82.9	61.7	114.5
166	125.4	94.6	175.8



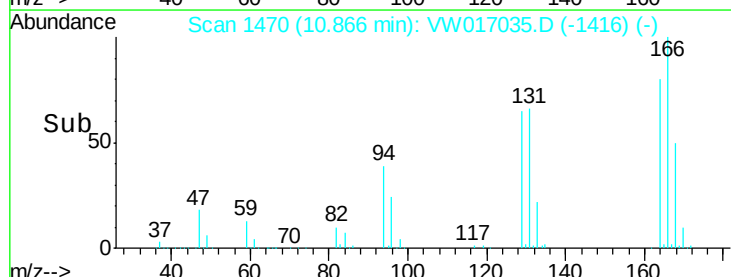
Abundance

Ion 164.00 (163.70 to 164.70): V

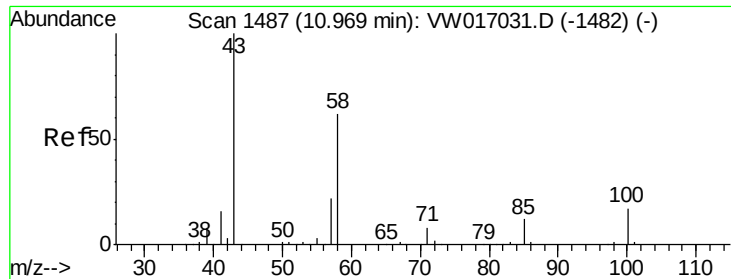
Ion 129.00 (128.70 to 129.70): V

Ion 131.00 (130.70 to 131.70): V

Ion 166.00 (165.70 to 166.70): V



Time-->



#49

2-Hexanone

Concen: 50.842 ug/L

RT: 10.97 min Scan# 1487

Delta R.T. 0.00 min

Lab File: VW017035.D

Acq: 30 Oct 2020 14:34

Instrument :

MSVOA_W

ClientSampleId :

Tot Ion: 43 Resp: 81444

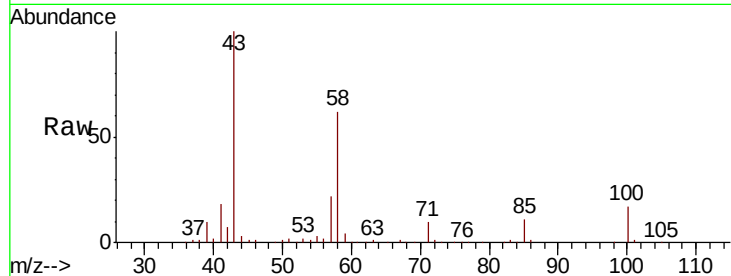
Ion Ratio Lower Upper

43 100

58 64.5 49.2 73.8

57 21.7 17.0 25.4

100 17.9 13.2 19.8

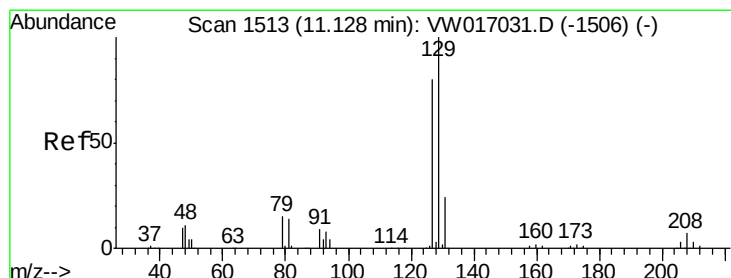
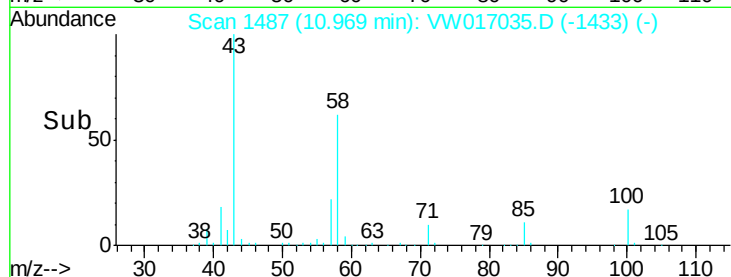
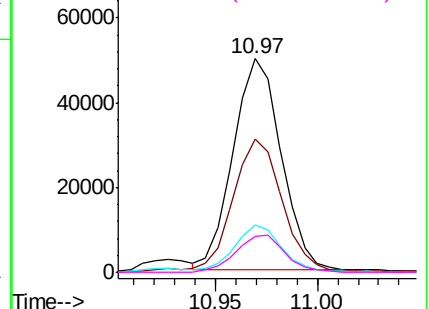


Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

Ion 57.00 (56.70 to 57.70): VW

Ion 100.00 (99.70 to 100.70): VW



#50

Dibromochloromethane

Concen: 27.655 ug/L

RT: 11.13 min Scan# 1513

Delta R.T. 0.00 min

Lab File: VW017035.D

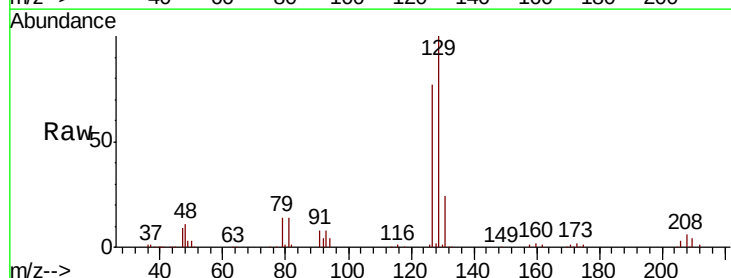
Acq: 30 Oct 2020 14:34

Tgt Ion: 129 Resp: 142990

Ion Ratio Lower Upper

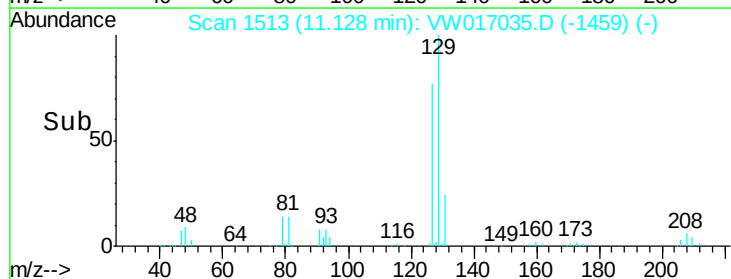
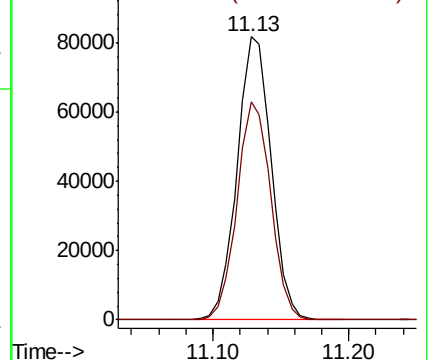
129 100

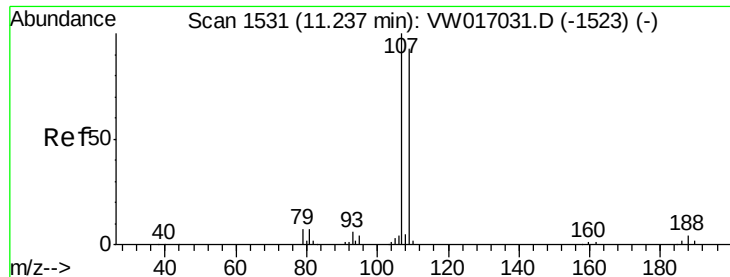
127 77.0 55.4 102.8



Abundance Ion 129.00 (128.70 to 129.70): V

Ion 127.00 (126.70 to 127.70): V

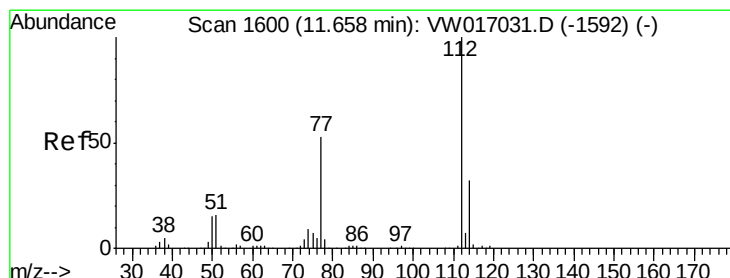
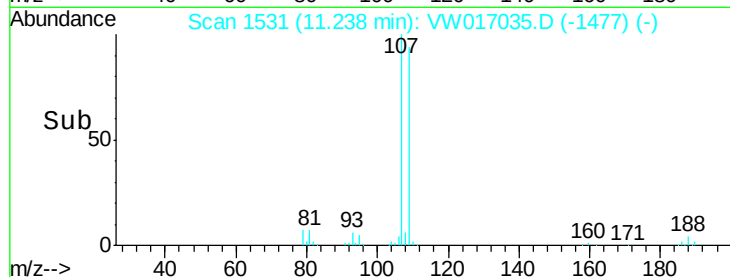
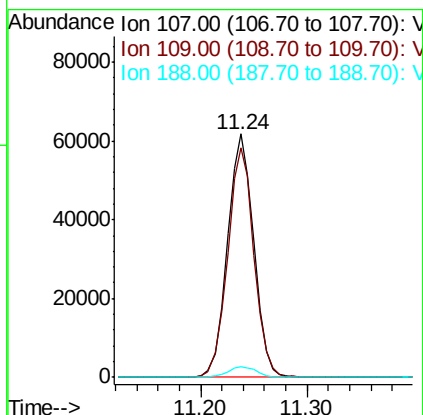
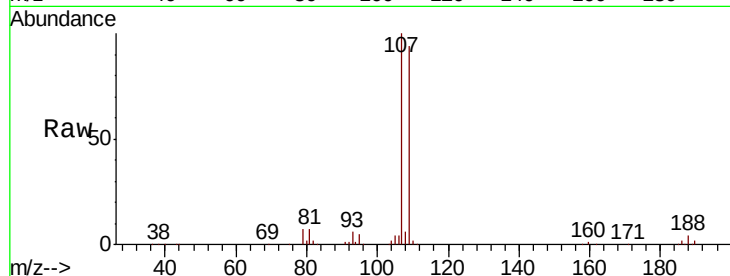




#51
1,2-Dibromoethane
Concen: 26.328 ug/L
RT: 11.24 min Scan# 1531
Delta R.T. 0.00 min
Lab File: VW017035.D
Acq: 30 Oct 2020 14:34

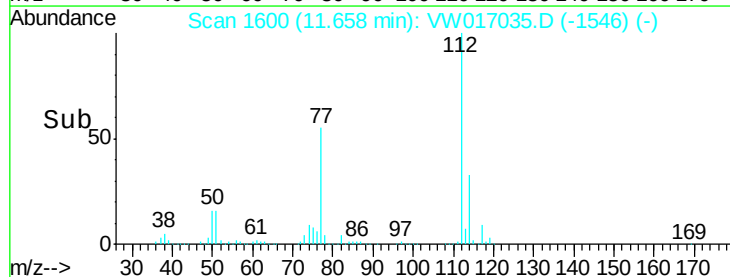
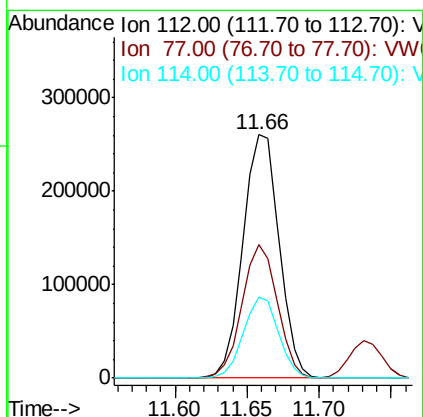
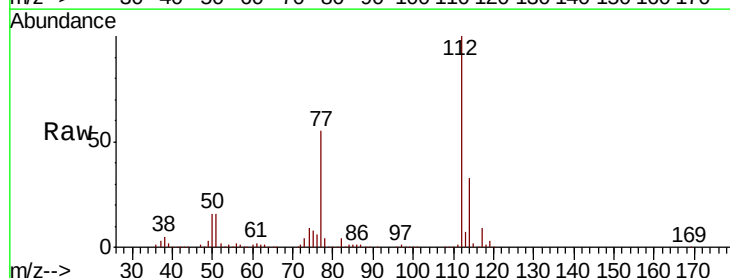
Instrument :
MSVOA_W
ClientSampleId :

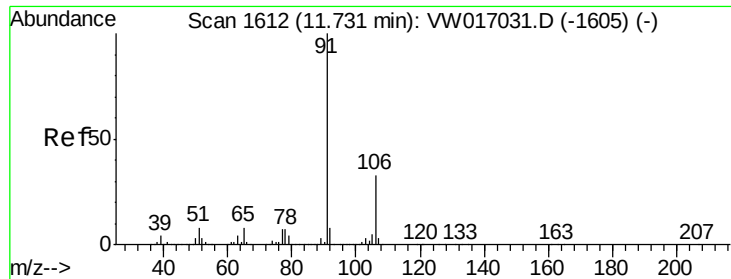
Tot Ion	Ratio	Lower	Upper
107	100		
109	94.4	65.7	121.9
188	4.3	3.1	4.7



#52
Chlorobenzene
Concen: 26.382 ug/L
RT: 11.66 min Scan# 1600
Delta R.T. 0.00 min
Lab File: VW017035.D
Acq: 30 Oct 2020 14:34

Tgt Ion	Ratio	Lower	Upper
112	100		
77	55.1	42.5	63.7
114	33.5	22.3	41.3

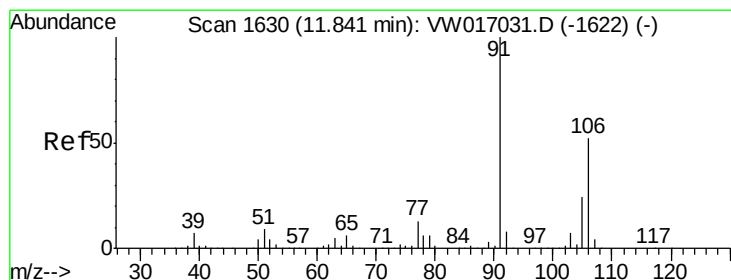
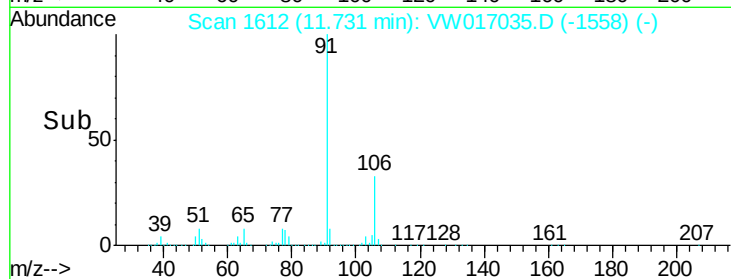
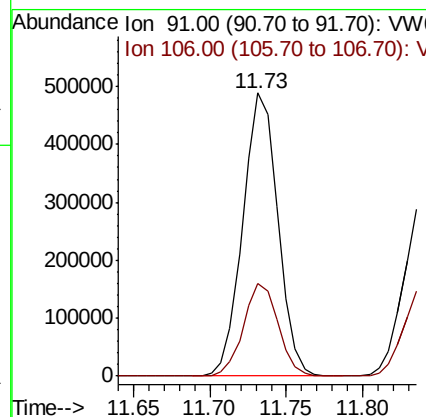
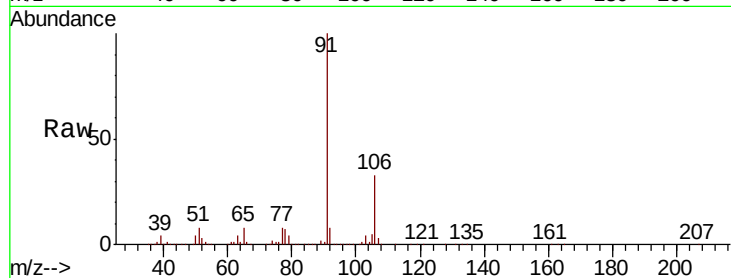




#53
Ethylbenzene
Concen: 26.978 ug/L
RT: 11.73 min Scan# 1612
Delta R.T. 0.00 min
Lab File: VW017035.D
Acq: 30 Oct 2020 14:34

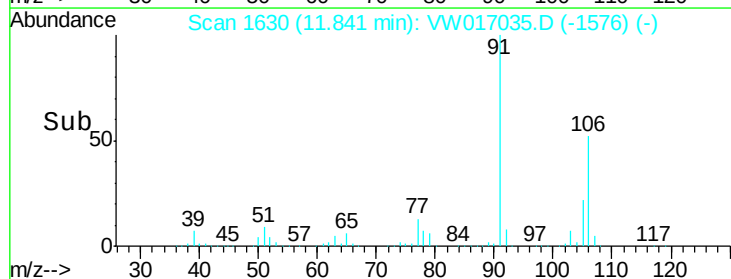
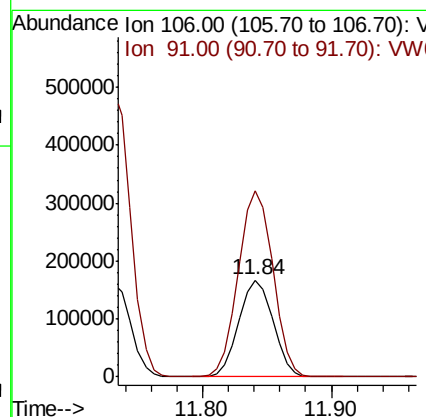
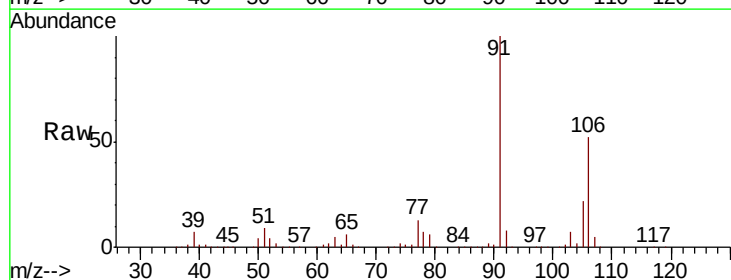
Instrument :
MSVOA_W
ClientSampled :

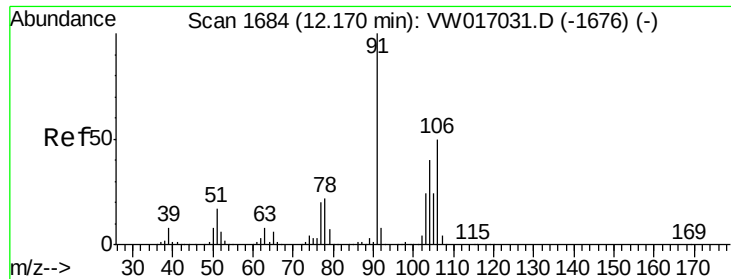
Tot Ion: 91 Resp: 779402
Ion Ratio Lower Upper
91 100
106 32.5 22.5 41.7



#54
m,p-Xylene
Concen: 27.233 ug/L
RT: 11.84 min Scan# 1630
Delta R.T. 0.00 min
Lab File: VW017035.D
Acq: 30 Oct 2020 14:34

Tgt Ion: 106 Resp: 309534
Ion Ratio Lower Upper
106 100
91 192.4 134.2 249.2

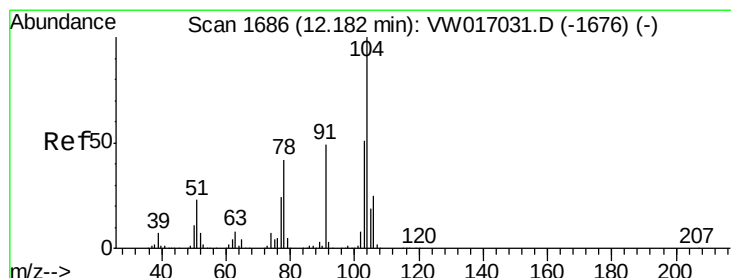
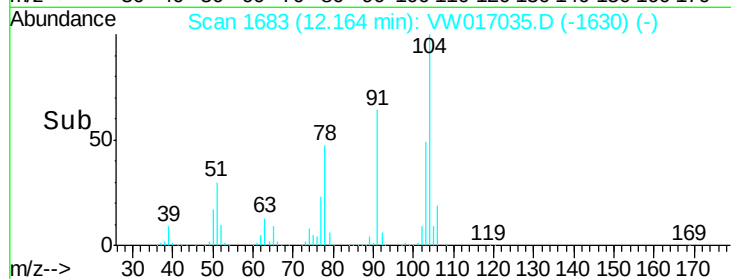
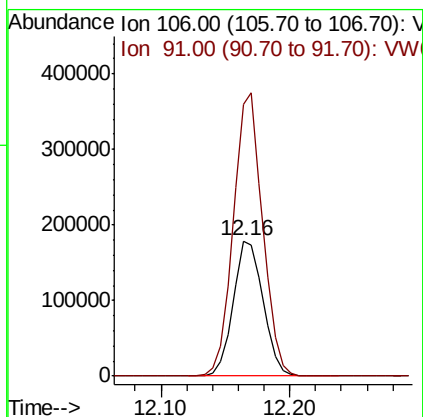
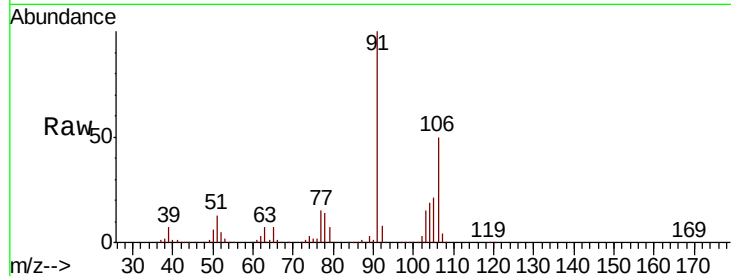




#55
o-xylene
Concen: 27.369 ug/L
RT: 12.16 min Scan# 1683
Delta R.T. -0.01 min
Lab File: VW017035.D
Acq: 30 Oct 2020 14:34

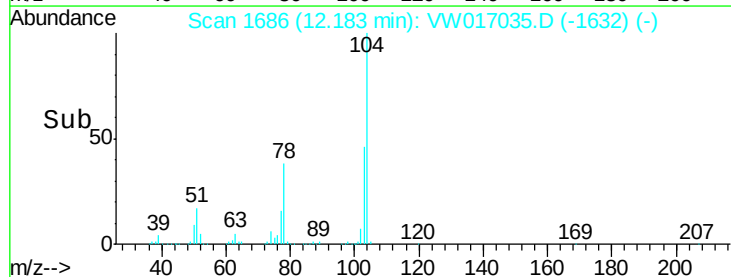
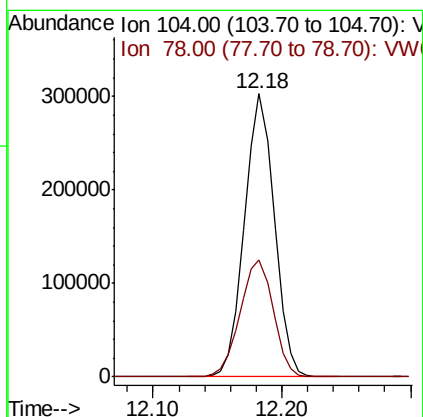
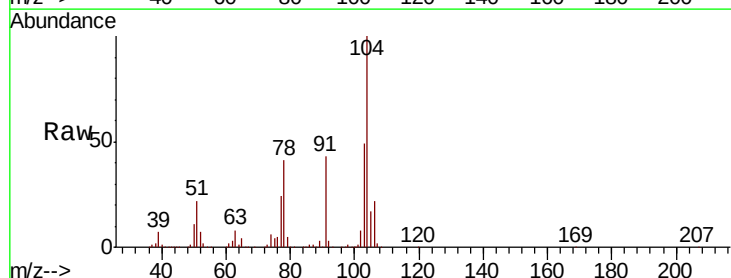
Instrument :
MSVOA_W
ClientSampled :

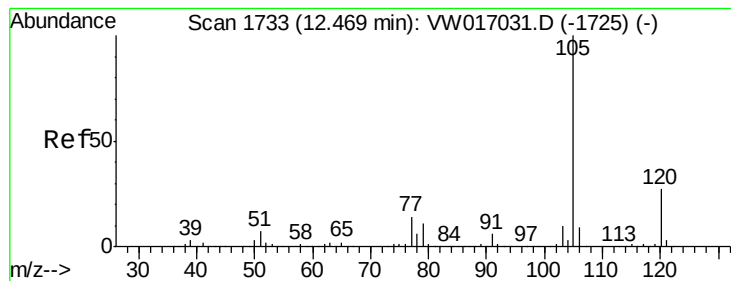
Tot Ion:106 Resp: 288161
Ion Ratio Lower Upper
106 100
91 201.6 150.9 280.3



#56
Styrene
Concen: 27.485 ug/L
RT: 12.18 min Scan# 1686
Delta R.T. 0.00 min
Lab File: VW017035.D
Acq: 30 Oct 2020 14:34

Tgt Ion:104 Resp: 484111
Ion Ratio Lower Upper
104 100
78 41.4 29.3 54.5





#57

Isopropylbenzene

Concen: 27.134 ug/L

RT: 12.47 min Scan# 1733

Delta R.T. 0.00 min

Lab File: VW017035.D

Acq: 30 Oct 2020 14:34

Instrument :

MSVOA_W

ClientSampleId :

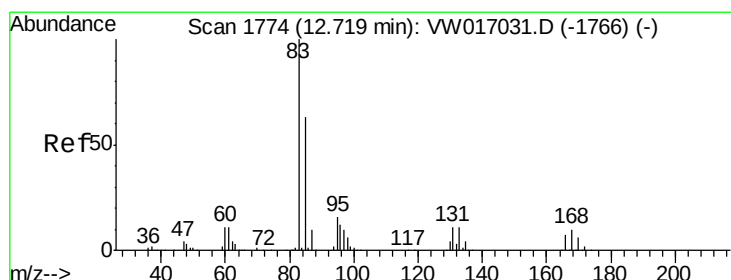
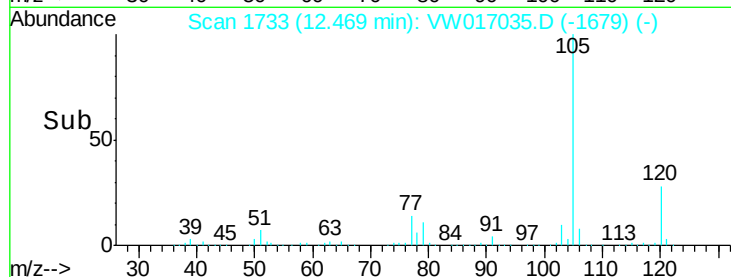
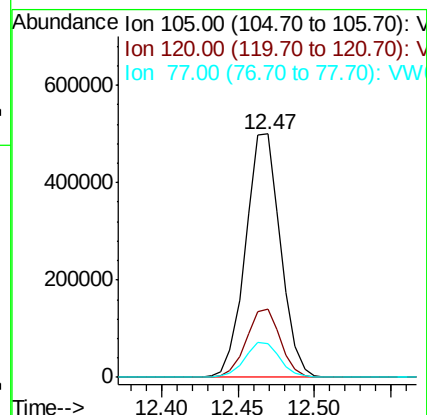
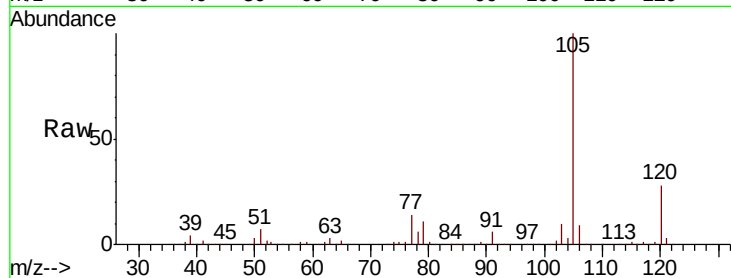
Tot Ion:105 Resp: 790213

Ion Ratio Lower Upper

105 100

120 27.5 21.4 32.2

77 14.3 11.4 17.2



#58

1,1,2,2-Tetrachloroethane

Concen: 26.806 ug/L

RT: 12.71 min Scan# 1773

Delta R.T. -0.01 min

Lab File: VW017035.D

Acq: 30 Oct 2020 14:34

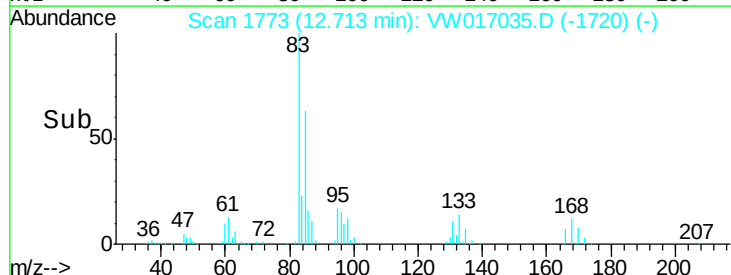
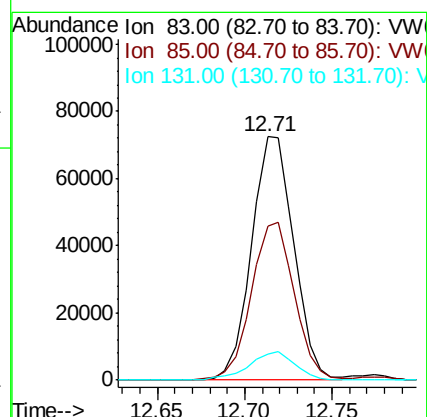
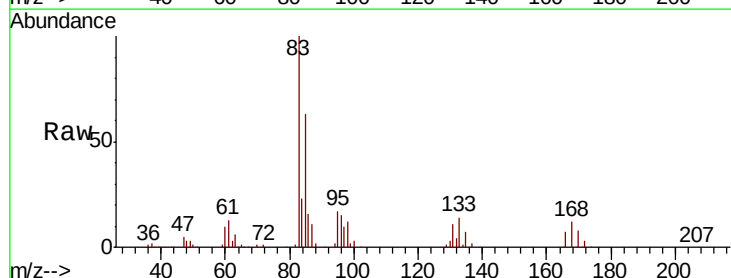
Tgt Ion: 83 Resp: 122120

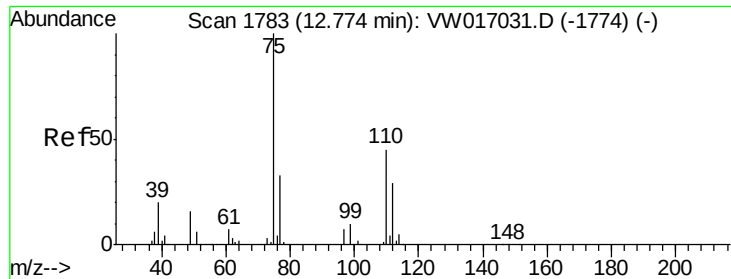
Ion Ratio Lower Upper

83 100

85 63.3 45.1 83.7

131 10.6 9.1 13.7





#59

1,2,3-Trichloropropane

Concen: 26.082 ug/L

RT: 12.77 min Scan# 1782

Delta R.T. -0.01 min

Lab File: VW017035.D

Acq: 30 Oct 2020 14:34

Instrument :

MSVOA_W

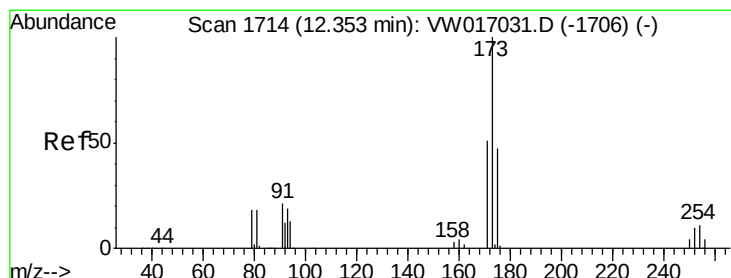
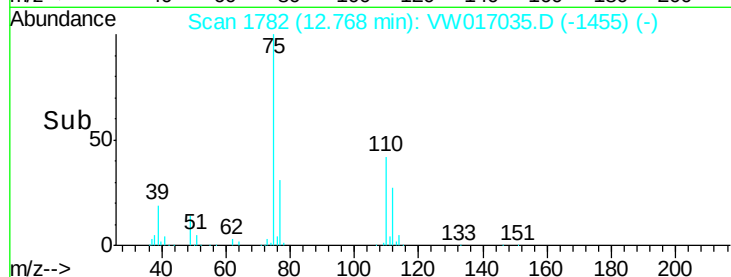
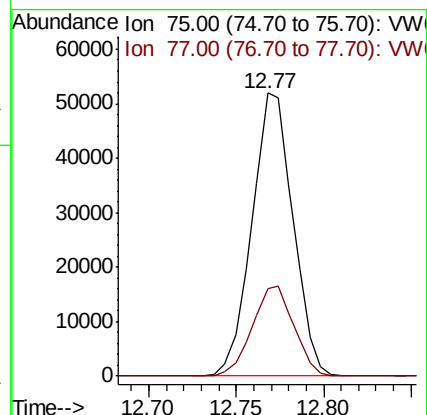
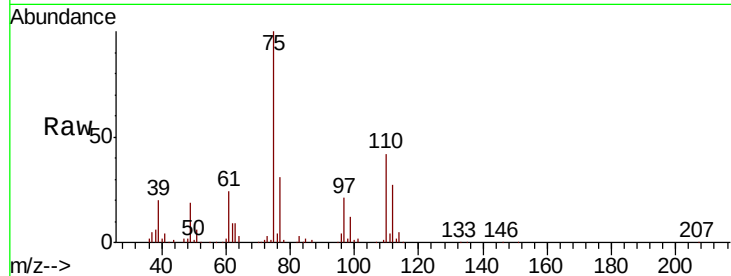
ClientSampleId :

Tot Ion: 75 Resp: 85031

Ion Ratio Lower Upper

75 100

77 32.3 25.8 38.8



#62

Bromoform

Concen: 26.547 ug/L

RT: 12.35 min Scan# 1714

Delta R.T. 0.00 min

Lab File: VW017035.D

Acq: 30 Oct 2020 14:34

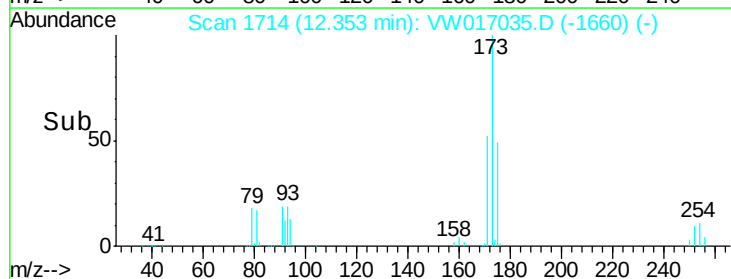
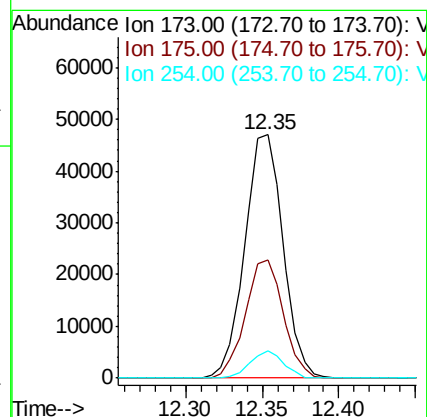
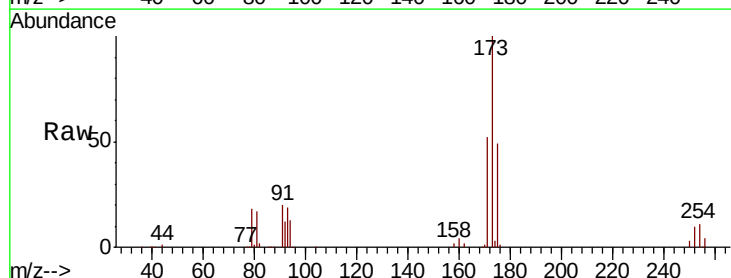
Tgt Ion: 173 Resp: 81788

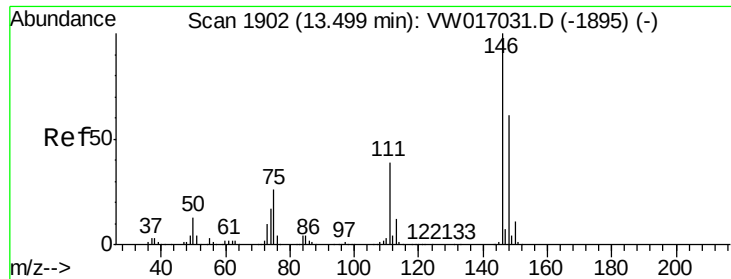
Ion Ratio Lower Upper

173 100

175 48.3 38.3 57.5

254 9.8 7.8 11.6

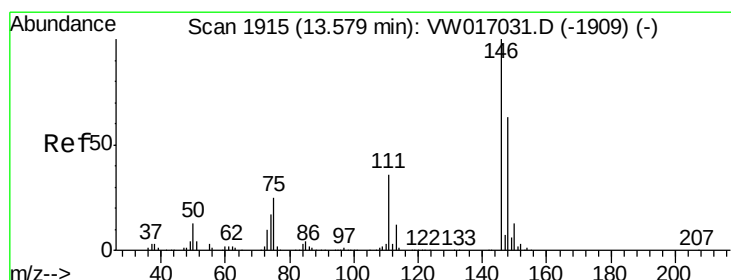
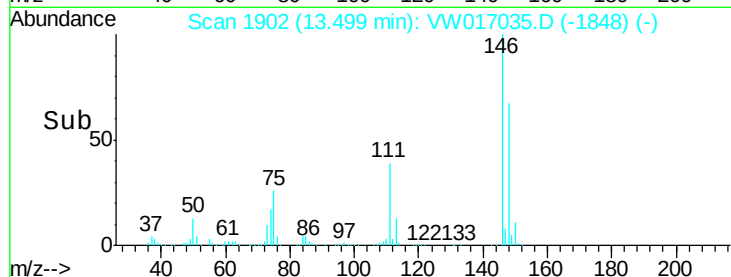
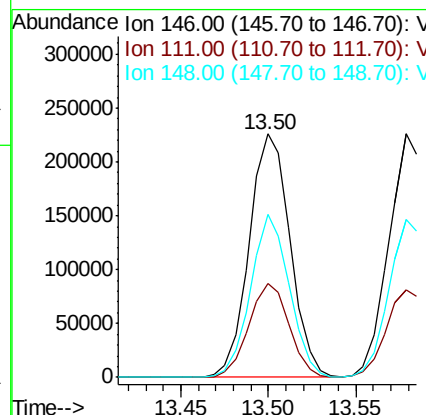
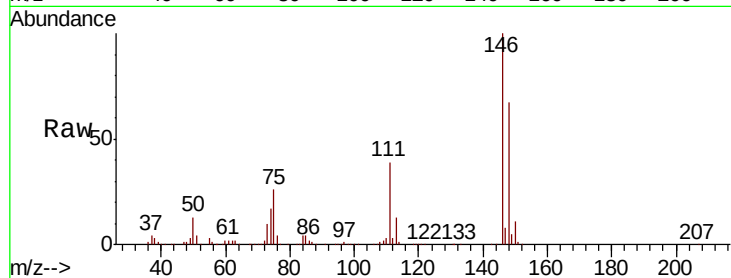




#63
 1,3-Dichlorobenzene
 Concen: 26.113 ug/L
 RT: 13.50 min Scan# 1902
 Delta R.T. 0.00 min
 Lab File: VW017035.D
 Acq: 30 Oct 2020 14:34

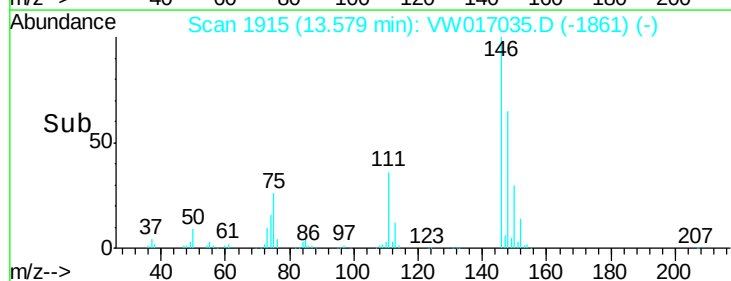
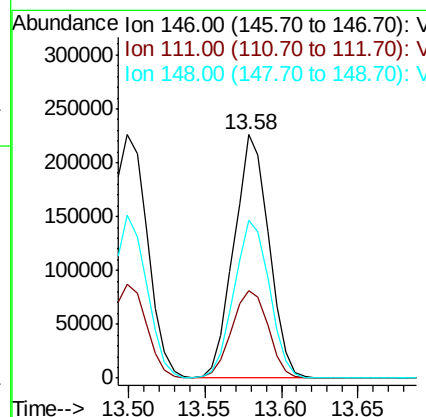
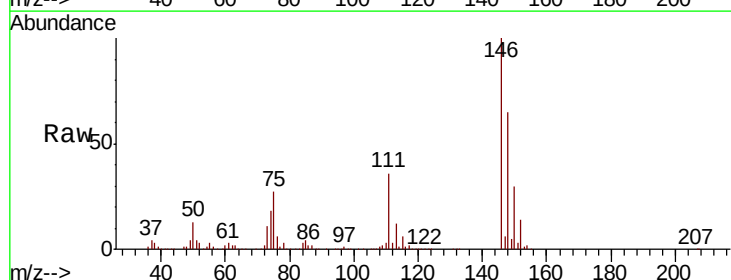
Instrument :
 MSVOA_W
 ClientSampleId :

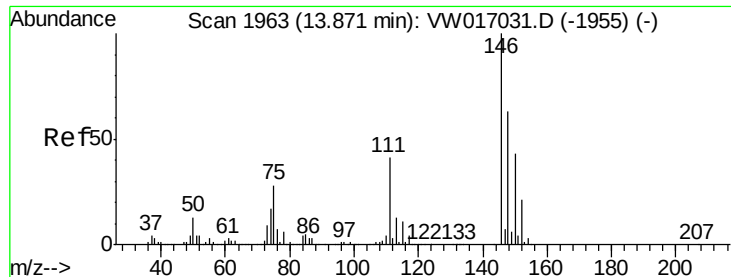
Tot Ion	Ratio	Lower	Upper
146	100		
111	38.6	25.5	47.3
148	66.8	43.1	80.1



#64
 1,4-Dichlorobenzene
 Concen: 25.432 ug/L
 RT: 13.58 min Scan# 1915
 Delta R.T. 0.00 min
 Lab File: VW017035.D
 Acq: 30 Oct 2020 14:34

Tgt Ion	Ratio	Lower	Upper
146	100		
111	35.9	25.7	47.7
148	64.9	44.3	82.3

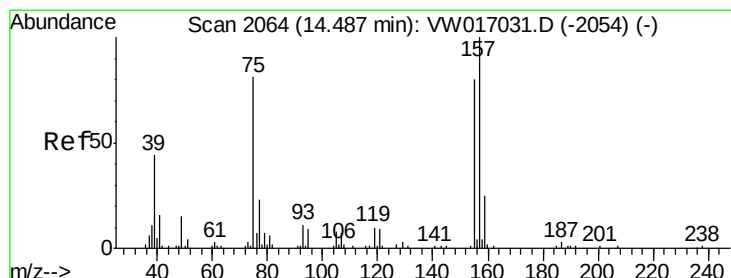
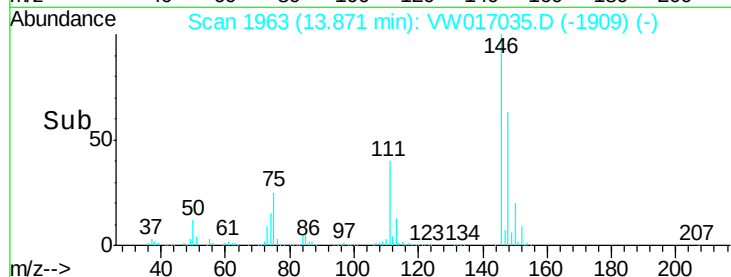
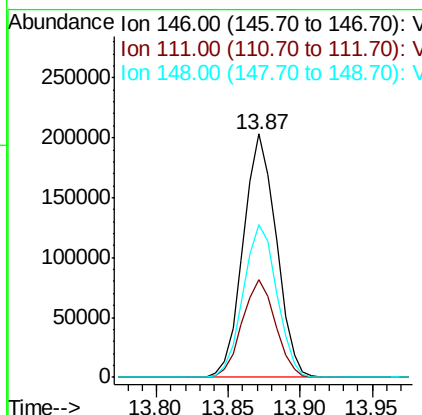
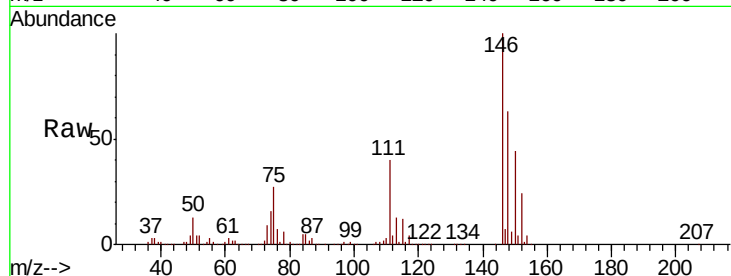




#65
1,2-Dichlorobenzene
Concen: 25.865 ug/L
RT: 13.87 min Scan# 1963
Delta R.T. 0.00 min
Lab File: VW017035.D
Acq: 30 Oct 2020 14:34

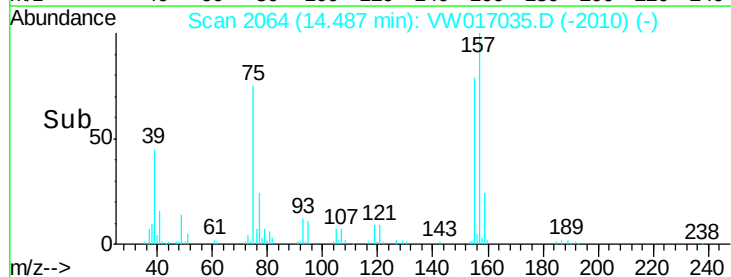
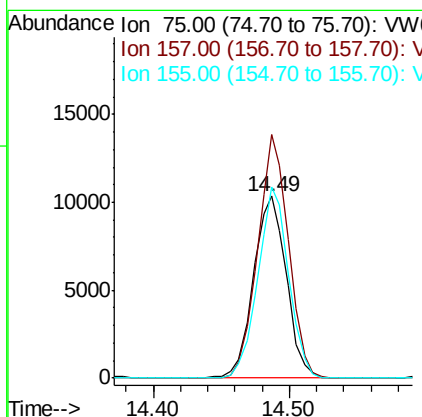
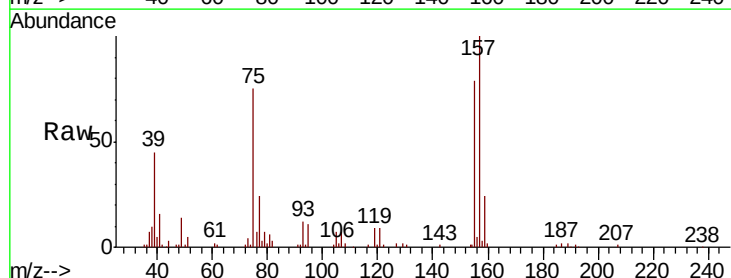
Instrument :
MSVOA_W
ClientSampled :

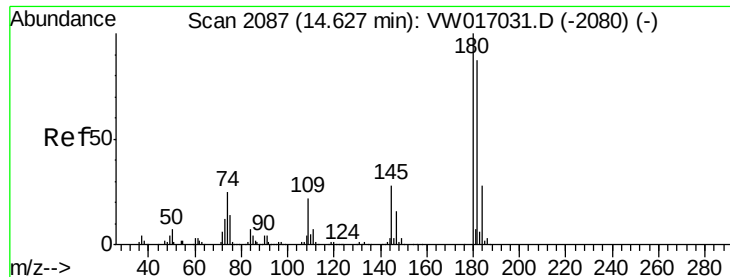
Tot Ion:146 Resp: 322792
Ion Ratio Lower Upper
146 100
111 40.2 31.4 47.0
148 63.0 47.7 71.5



#66
1,2-Dibromo-3-chloropropane
Concen: 25.609 ug/L
RT: 14.49 min Scan# 2064
Delta R.T. 0.00 min
Lab File: VW017035.D
Acq: 30 Oct 2020 14:34

Tgt Ion: 75 Resp: 17385
Ion Ratio Lower Upper
75 100
157 133.9 102.5 153.7
155 105.4 80.3 120.5

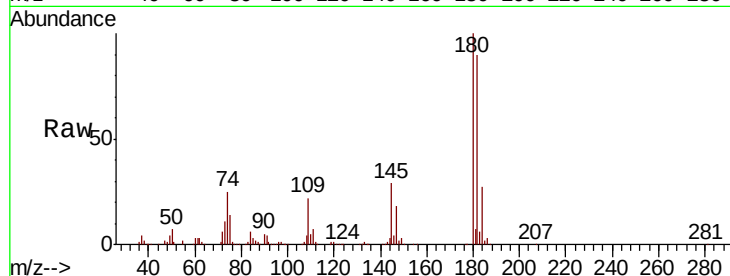




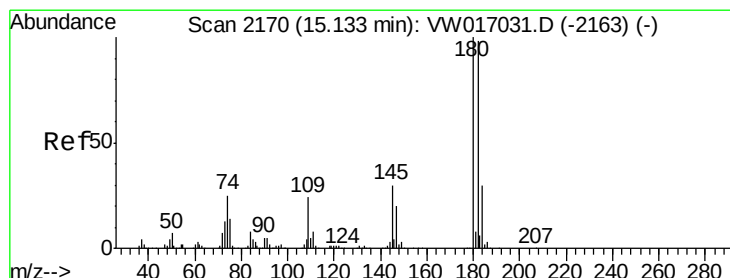
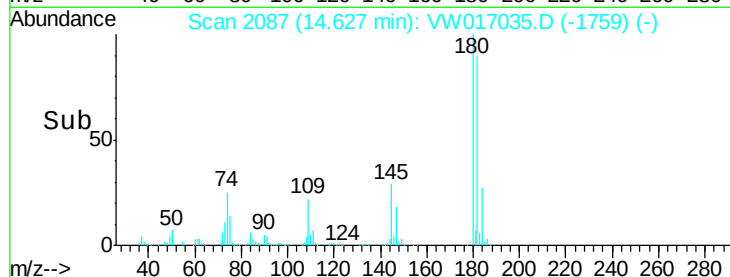
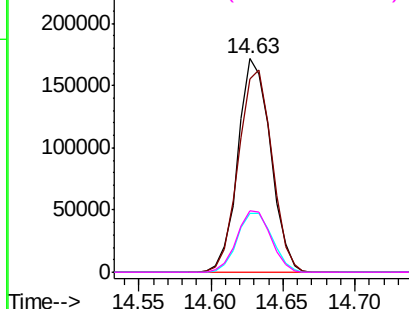
#67
 1,3,5-Trichlorobenzene
 Concen: 26.155 ug/L
 RT: 14.63 min Scan# 2087
 Delta R.T. 0.00 min
 Lab File: VW017035.D
 Acq: 30 Oct 2020 14:34

Instrument :
 MSVOA_W
 ClientSampleId :

Tot Ion:180	Resp:	270817
Ion Ratio	Lower	Upper
180	100	
182	97.3	77.4 116.0
184	29.7	24.8 37.2
145	29.8	23.4 35.2

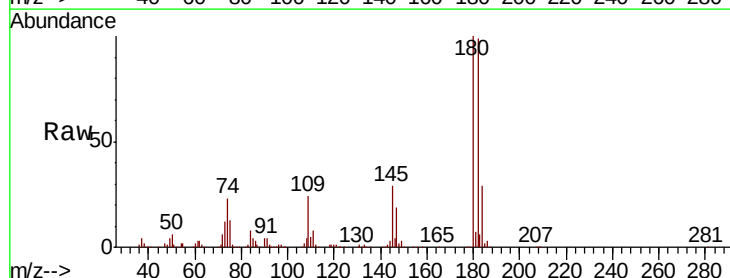


Abundance Ion 180.00 (179.70 to 180.70): V
 Ion 182.00 (181.70 to 182.70): V
 Ion 184.00 (183.70 to 184.70): V
 Ion 145.00 (144.70 to 145.70): V

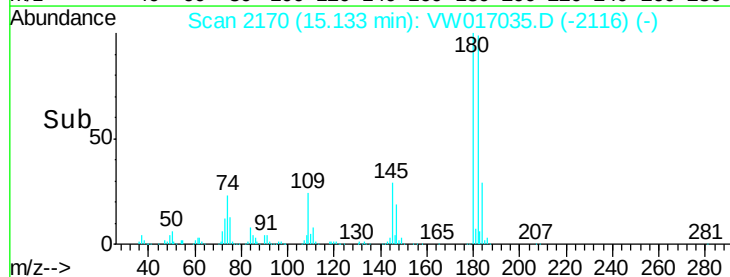
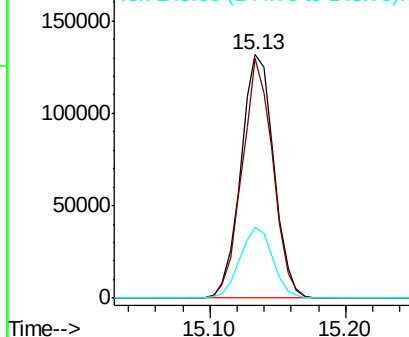


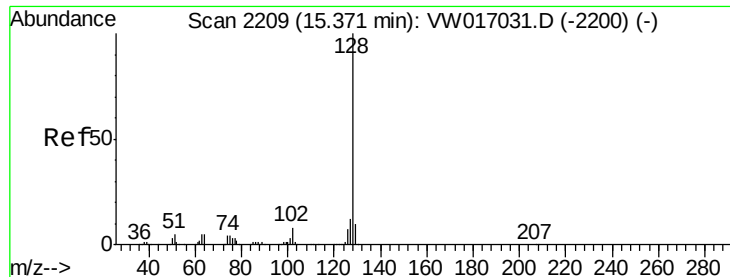
#68
 1,2,4-trichlorobenzene
 Concen: 27.668 ug/L
 RT: 15.13 min Scan# 2170
 Delta R.T. 0.00 min
 Lab File: VW017035.D
 Acq: 30 Oct 2020 14:34

Tgt Ion:180	Resp:	222055
Ion Ratio	Lower	Upper
180	100	
182	92.6	76.6 114.8
145	28.9	23.4 35.0



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: 27.204 ug/L

RT: 15.37 min Scan# 2209

Delta R.T. 0.00 min

Lab File: VW017035.D

Acq: 30 Oct 2020 14:34

Instrument :

MSVOA_W

ClientSampleId :

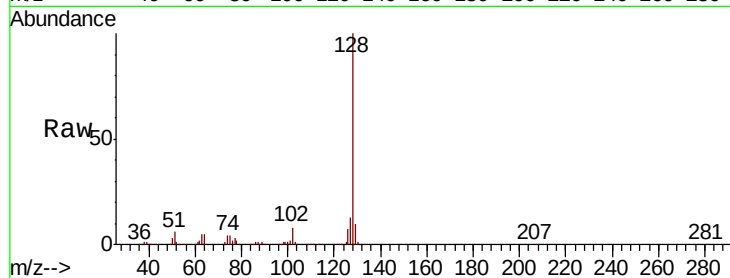
Tot Ion:128 Resp: 354149

Ion Ratio Lower Upper

128 100

129 10.5 8.6 12.8

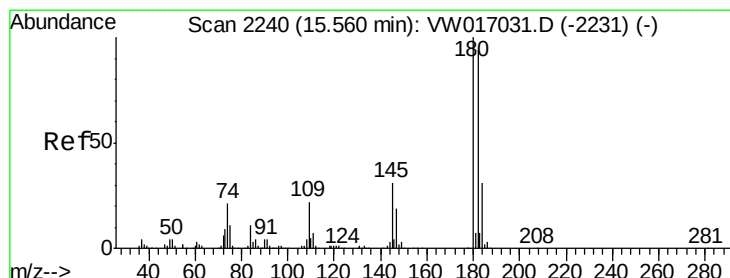
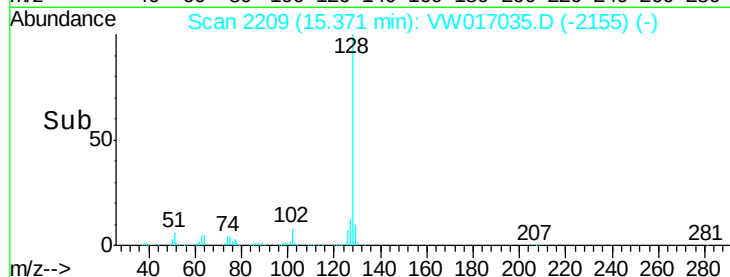
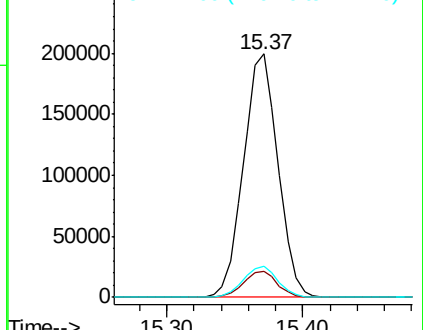
127 12.6 10.0 15.0



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: 27.315 ug/L

RT: 15.55 min Scan# 2239

Delta R.T. -0.01 min

Lab File: VW017035.D

Acq: 30 Oct 2020 14:34

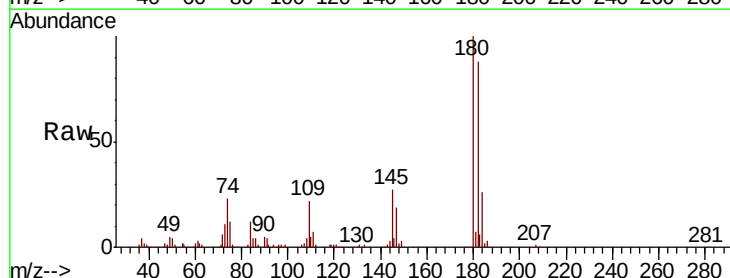
Tgt Ion:180 Resp: 191036

Ion Ratio Lower Upper

180 100

182 94.6 76.8 115.2

145 30.3 25.4 38.2



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

