

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW100620\
 Data File : VW016788.D
 Acq On : 06 Oct 2020 09:13
 Operator : SY/VA
 Sample : VSTDICV025
 Misc : 5.00G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Oct 07 02:02:08 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SFAMWLM100620SMA.M
 Quant Title : SFAM01.0
 QLast Update : Tue Oct 06 11:26:35 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	569242	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	514400	25.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.56	152	252234	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	136654	27.06	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	108.24%
7) Chloroethane-d5	2.89	69	112335	24.14	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	96.56%
11) 1,1-Dichloroethene-d2	4.03	63	292896	25.84	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	103.36%
21) 2-Butanone-d5	7.08	46	55567	46.91	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	93.82%
24) Chloroform-d	7.65	84	288237	24.79	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	99.16%
26) 1,2-Dichloroethane-d4	8.31	65	137031	24.68	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	98.72%
32) Benzene-d6	8.27	84	572865	25.33	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	101.32%
36) 1,2-Dichloropropane-d6	9.27	67	153078	24.96	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	99.84%
41) Toluene-d8	10.32	98	546951	25.30	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	101.20%
43) trans-1,3-Dichloropropene-	10.58	79	68777	25.78	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	103.12%
47) 2-Hexanone-d5	10.92	63	46813	50.00	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	100.00%
56) 1,1,2,2-Tetrachloroethane-	12.69	84	116882	24.66	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	98.64%
66) 1,2-Dichlorobenzene-d4	13.85	152	196234	25.29	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	101.16%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
2) Dichlorodifluoromethane	2.01	85	184531	26.318	ug/L	97
3) Chloromethane	2.21	50	158812	26.874	ug/L	98
5) Vinyl chloride	2.37	62	205455	28.621	ug/L	100
6) Bromomethane	2.78	94	145410	25.789	ug/L	96
8) Chloroethane	2.93	64	126561	26.044	ug/L	96
9) Trichlorofluoromethane	3.26	101	150419	26.726	ug/L	99
10) 1,1,2-Trichloro-1,2,2-trif	4.07	101	203125	26.283	ug/L	99
12) 1,1-Dichloroethene	4.04	96	195315	26.944	ug/L	99
13) Acetone	4.12	43	46461	44.910	ug/L	98
14) Carbon disulfide	4.39	76	564900	27.744	ug/L	97
15) Methyl Acetate	4.67	43	56492	24.890	ug/L	99
16) Methylene chloride	4.92	84	185060	22.731	ug/L	98
17) trans-1,2-Dichloroethene	5.43	96	205506	26.590	ug/L	98
18) Methyl tert-butyl Ether	5.43	73	208949	25.942	ug/L	100
19) 1,1-Dichloroethane	6.22	63	310626	26.049	ug/L	99
20) cis-1,2-Dichloroethene	7.17	96	203683	26.024	ug/L	99
22) 2-Butanone	7.17	43	72498	49.211	ug/L	96

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\WV100620\
 Data File : VW016788.D
 Acq On : 06 Oct 2020 09:13
 Operator : SY/VA
 Sample : VSTDICV025
 Misc : 5.00G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Oct 07 02:02:08 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SFAMWLM100620SMA.M
 Quant Title : SFAM01.0
 QLast Update : Tue Oct 06 11:26:35 2020
 Response via : Initial Calibration

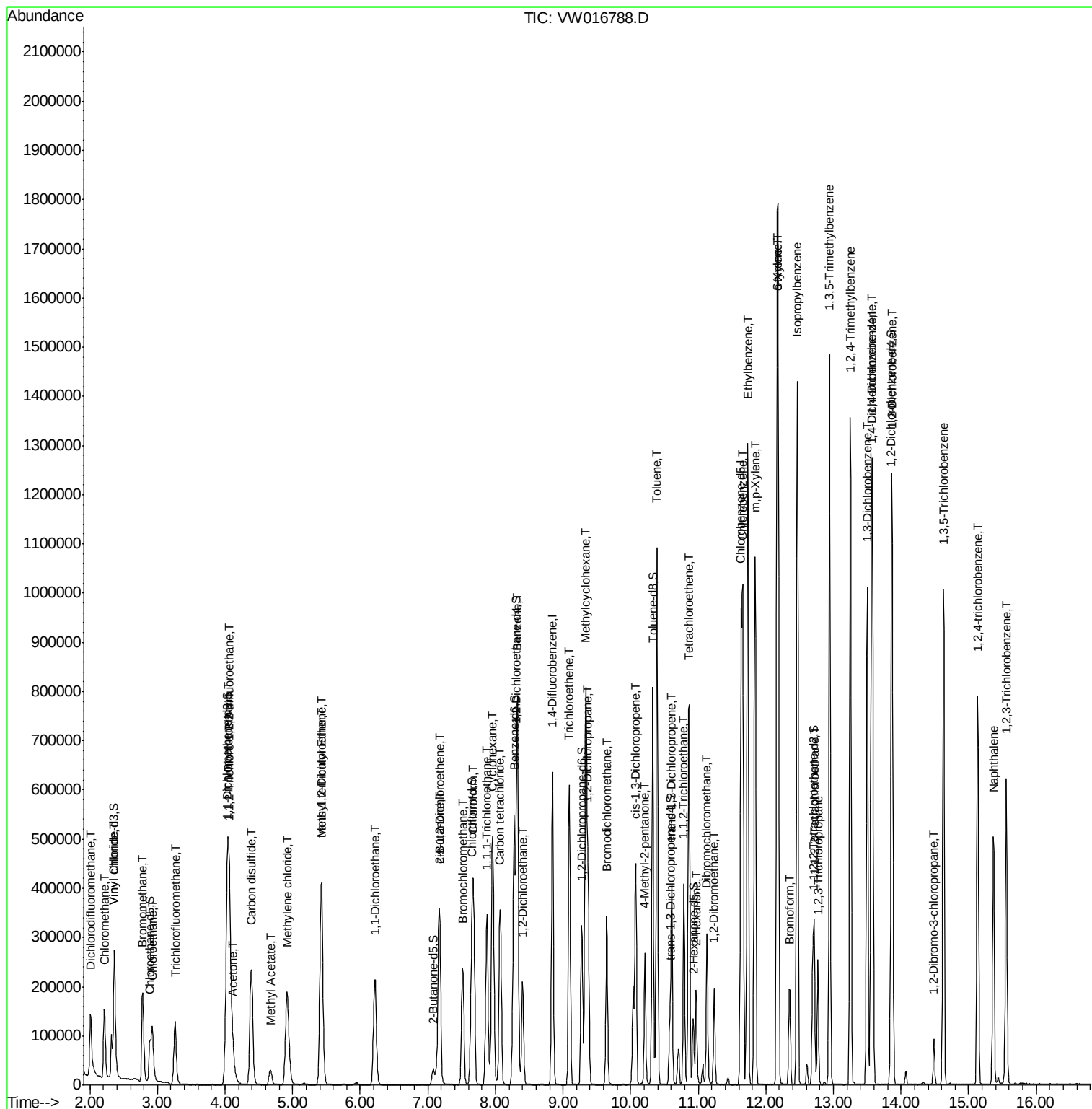
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	7.51	128	96420	26.118	ug/L	97
25) Chloroform	7.68	83	335639	26.145	ug/L	97
27) 1,2-Dichloroethane	8.40	62	196476	25.899	ug/L	100
29) Cyclohexane	7.96	56	291343	27.468	ug/L	99
30) 1,1,1-Trichloroethane	7.87	97	293213	27.238	ug/L	99
31) Carbon tetrachloride	8.07	117	288173	27.432	ug/L	98
33) Benzene	8.32	78	737075	26.655	ug/L	100
34) Trichloroethene	9.09	95	208288	26.474	ug/L	98
35) Methylcyclohexane	9.34	83	360161	27.538	ug/L	99
37) 1,2-Dichloropropane	9.37	63	164817	26.251	ug/L	100
38) Bromodichloromethane	9.65	83	230484	26.300	ug/L	97
39) cis-1,3-Dichloropropene	10.07	75	265692	26.864	ug/L	98
40) 4-Methyl-2-pentanone	10.21	43	162854	52.272	ug/L	99
42) Toluene	10.39	91	820328	26.715	ug/L	100
44) trans-1,3-Dichloropropene	10.61	75	227543	27.029	ug/L	99
45) 1,1,2-Trichloroethane	10.79	97	131921	25.961	ug/L	96
46) Tetrachloroethene	10.87	164	194788	26.989	ug/L	97
48) 2-Hexanone	10.97	43	110165	53.360	ug/L	100
49) Dibromochloromethane	11.13	129	166583	26.636	ug/L	95
50) 1,2-Dibromoethane	11.24	107	129480	26.463	ug/L	96
51) Chlorobenzene	11.66	112	548205	26.722	ug/L	99
52) Ethylbenzene	11.73	91	930939	27.032	ug/L	97
53) m,p-Xylene	11.84	106	362732	26.953	ug/L	98
54) o-Xylene	12.17	106	343066	26.936	ug/L	93
55) Styrene	12.18	104	585926	27.798	ug/L	100
57) 1,1,2,2-Tetrachloroethane	12.71	83	142680	26.101	ug/L	99
59) Bromoform	12.35	173	97117	27.392	ug/L	98
60) Isopropylbenzene	12.46	105	949242	28.282	ug/L	99
61) 1,2,3-Trichloropropane	12.77	75	103137	26.606	ug/L	99
62) 1,3,5-Trimethylbenzene	12.94	105	784370	28.310	ug/L	99
63) 1,2,4-Trimethylbenzene	13.25	105	745396	28.625	ug/L	99
64) 1,3-Dichlorobenzene	13.50	146	446926	27.575	ug/L	97
65) 1,4-Dichlorobenzene	13.58	146	438996	27.394	ug/L	98
67) 1,2-Dichlorobenzene	13.87	146	390695	28.022	ug/L	96
68) 1,2-Dibromo-3-chloropropan	14.49	75	22716	27.984	ug/L	98
69) 1,3,5-Trichlorobenzene	14.63	180	347586	29.116	ug/L	96
70) 1,2,4-trichlorobenzene	15.13	180	270932	28.208	ug/L	96
71) Naphthalene	15.36	128	458176	29.878	ug/L	100
72) 1,2,3-Trichlorobenzene	15.55	180	239377	29.292	ug/L	99

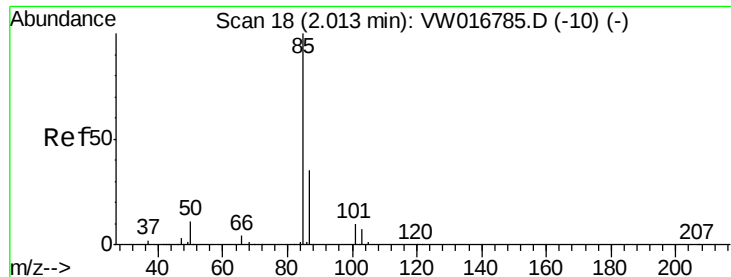
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW100620\
Data File : VW016788.D
Acq On : 06 Oct 2020 09:13
Operator : SY/VA
Sample : VSTDICV025
Misc : 5.00G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampled :

Quant Time: Oct 07 02:02:08 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SFAMWLM100620SMA.M
Quant Title : SFAM01.0
QLast Update : Tue Oct 06 11:26:35 2020
Response via : Initial Calibration





#2

Dichlorodifluoromethane

Concen: 26.318 ug/L

RT: 2.01 min Scan# 17

Delta R.T. -0.01 min

Lab File: VW016788.D

Acq: 06 Oct 2020 09:13

Instrument :

MSVOA_W

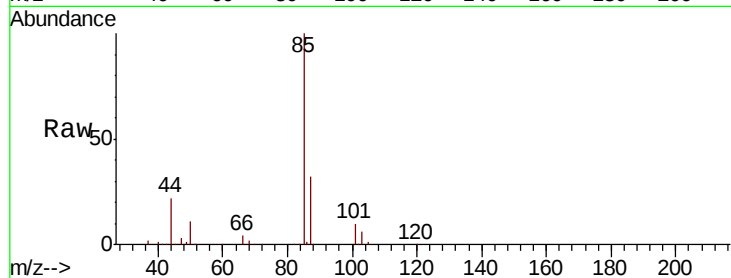
ClientSampleId :

Tot Ion: 85 Resp: 184531

Ion Ratio Lower Upper

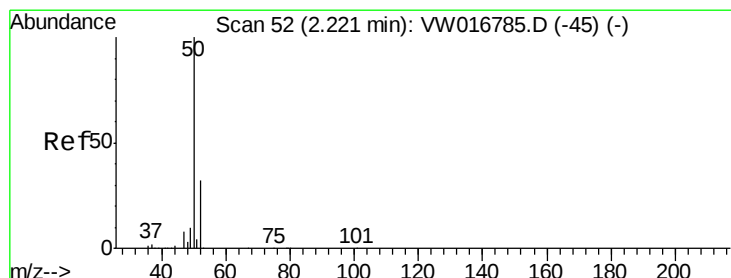
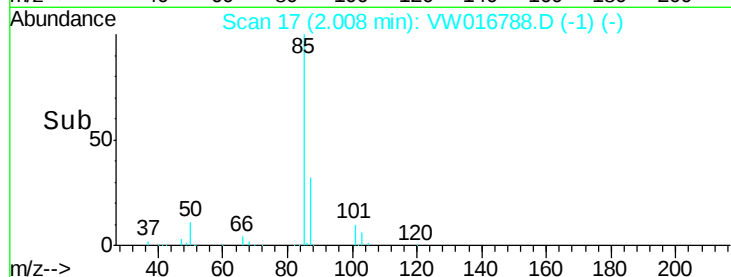
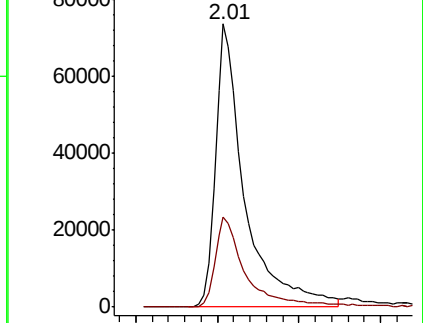
85 100

87 31.5 26.6 40.0



Abundance Ion 85.00 (84.70 to 85.70): VW

Ion 87.00 (86.70 to 87.70): VW



#3

Chloromethane

Concen: 26.874 ug/L

RT: 2.21 min Scan# 51

Delta R.T. -0.01 min

Lab File: VW016788.D

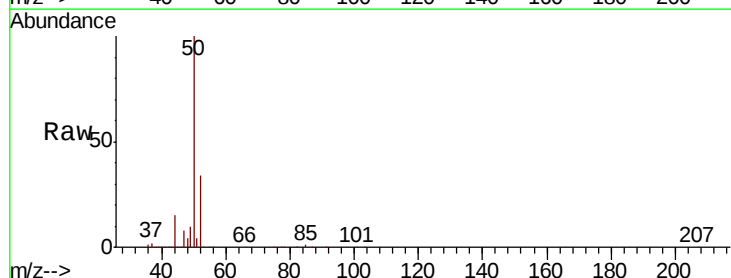
Acq: 06 Oct 2020 09:13

Tgt Ion: 50 Resp: 158812

Ion Ratio Lower Upper

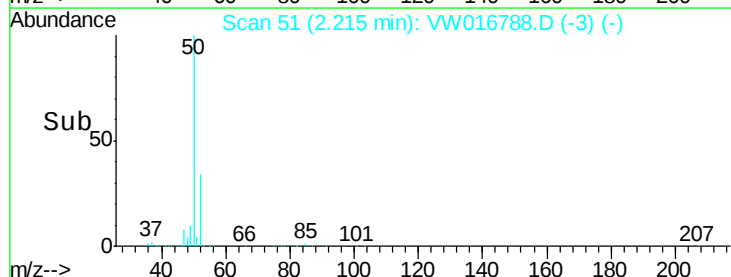
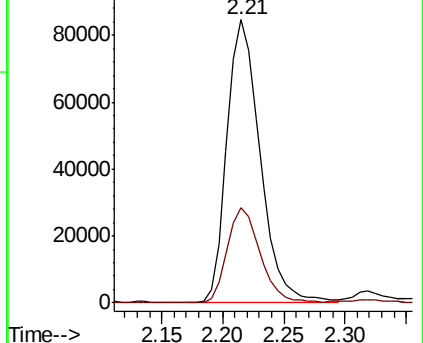
50 100

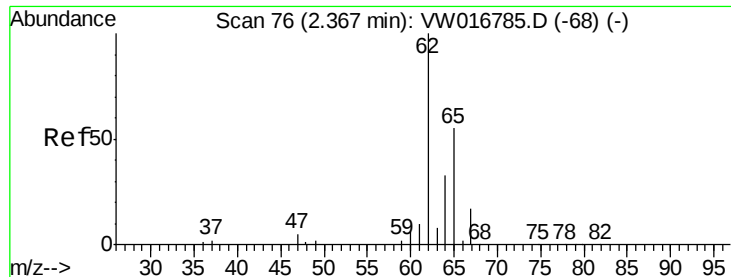
52 33.6 22.7 42.1



Abundance Ion 50.00 (49.70 to 50.70): VW

Ion 52.00 (51.70 to 52.70): VW





#5

Vinyl chloride

Concen: 28.621 ug/L

RT: 2.37 min Scan# 76

Delta R.T. 0.00 min

Lab File: VW016788.D

Acq: 06 Oct 2020 09:13

Instrument :

MSVOA_W

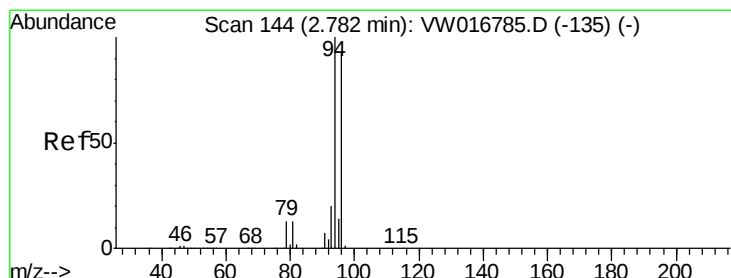
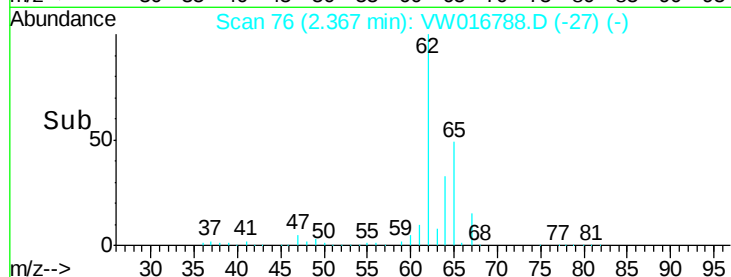
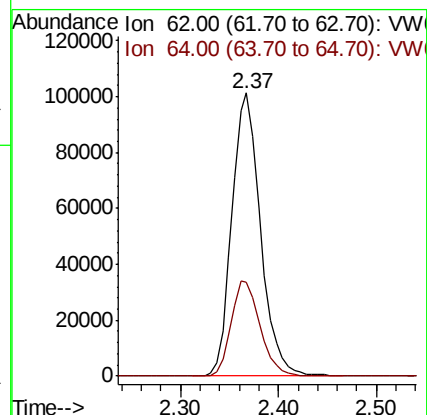
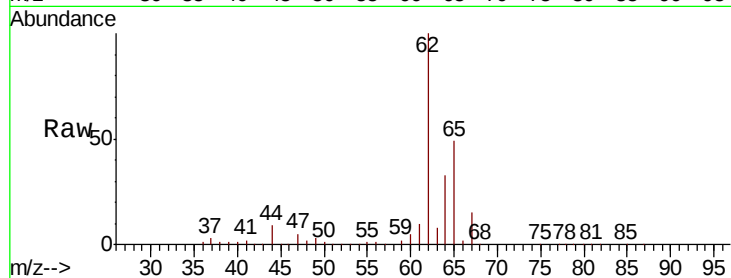
ClientSampleId :

Tot Ion: 62 Resp: 205455

Ion Ratio Lower Upper

62 100

64 33.2 23.1 42.9



#6

Bromomethane

Concen: 25.789 ug/L

RT: 2.78 min Scan# 144

Delta R.T. 0.00 min

Lab File: VW016788.D

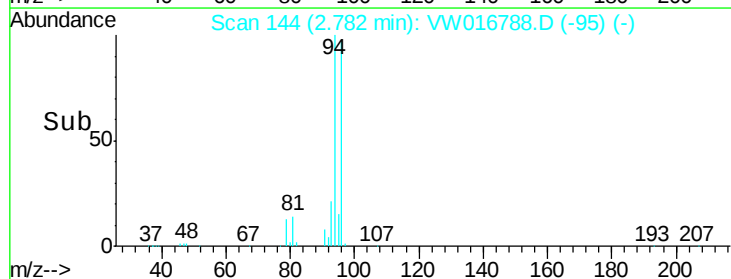
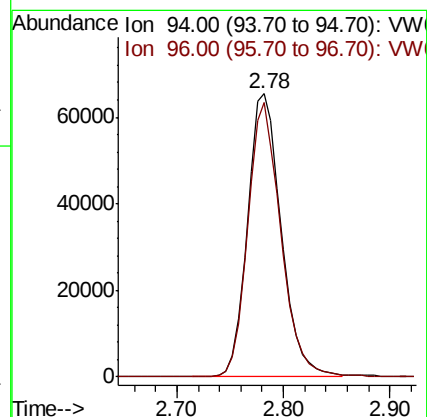
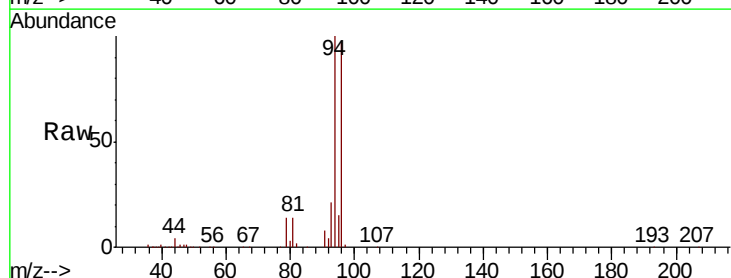
Acq: 06 Oct 2020 09:13

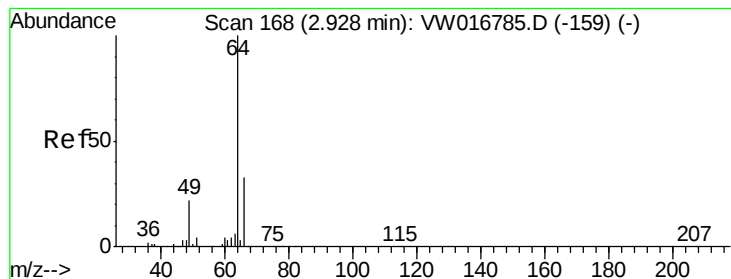
Tgt Ion: 94 Resp: 145410

Ion Ratio Lower Upper

94 100

96 97.1 65.2 121.0





#8

Chloroethane

Concen: 26.044 ug/L

RT: 2.93 min Scan# 168

Delta R.T. 0.00 min

Lab File: VW016788.D

Acq: 06 Oct 2020 09:13

Instrument :

MSVOA_W

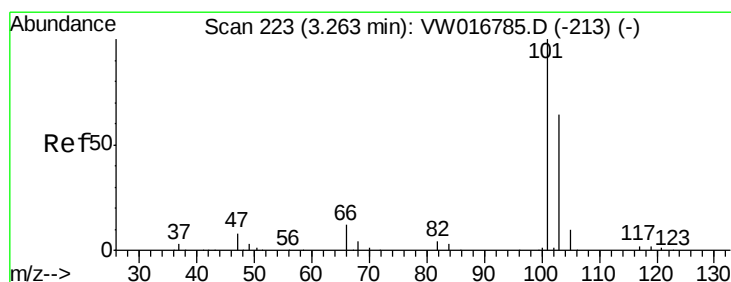
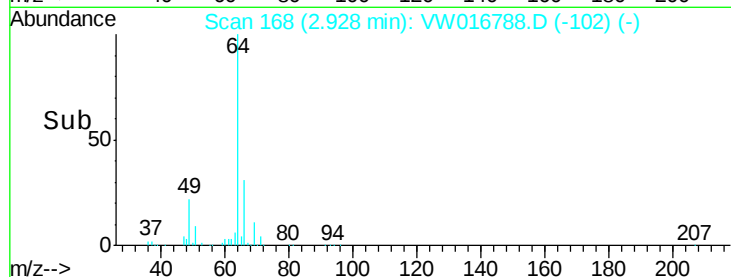
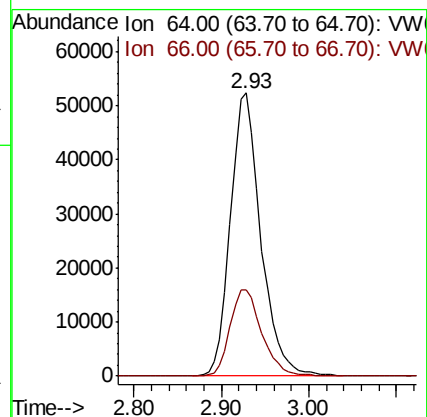
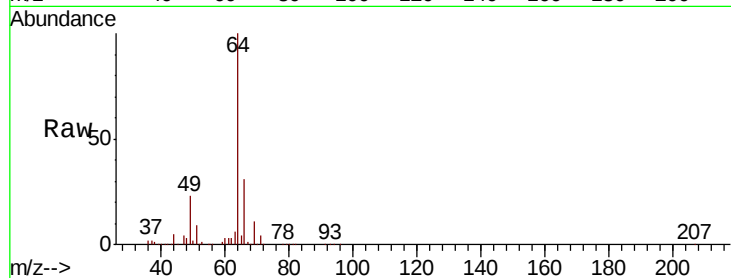
ClientSampleId :

Tot Ion: 64 Resp: 126561

Ion Ratio Lower Upper

64 100

66 30.5 23.0 42.8



#9

Trichlorofluoromethane

Concen: 26.726 ug/L

RT: 3.26 min Scan# 223

Delta R.T. 0.00 min

Lab File: VW016788.D

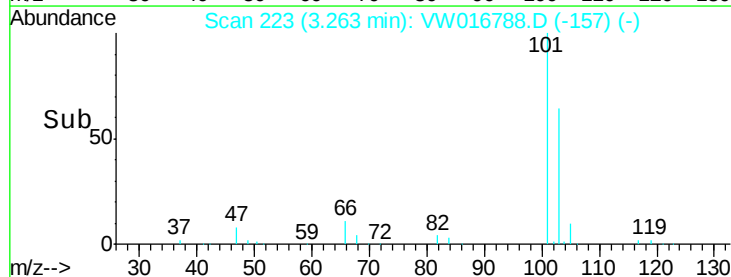
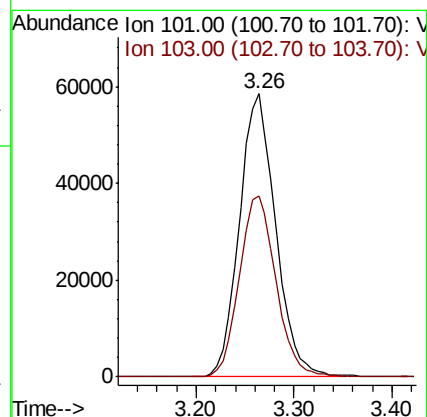
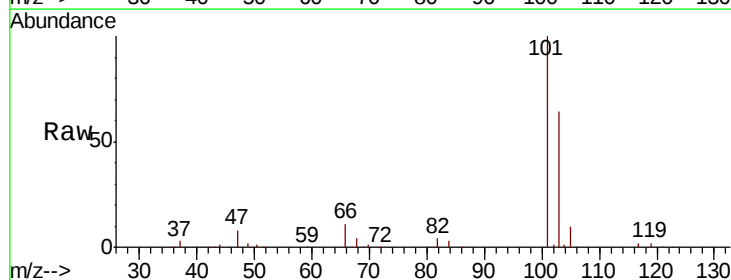
Acq: 06 Oct 2020 09:13

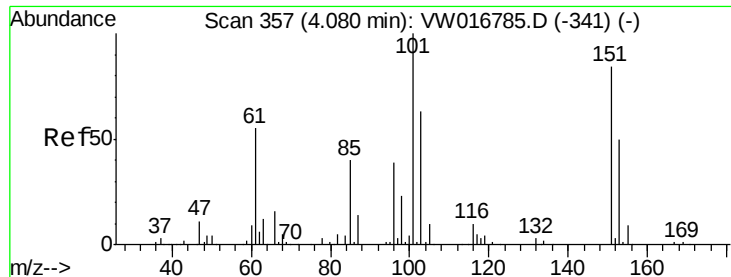
Tgt Ion: 101 Resp: 150419

Ion Ratio Lower Upper

101 100

103 64.7 52.6 78.8





#10

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

Concen: 26.283 ug/L

RT: 4.07 min Scan# 355

Delta R.T. -0.01 min

Lab File: VW016788.D

Acq: 06 Oct 2020 09:13

Instrument :

MSVOA_W

ClientSampleId :

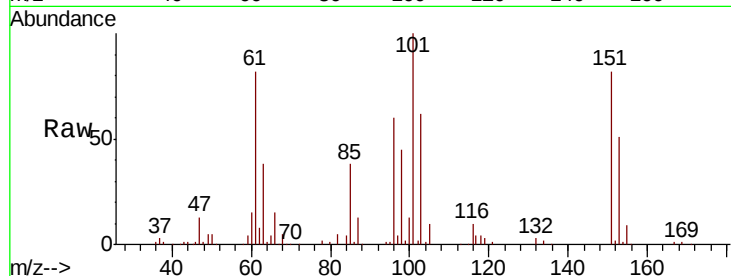
Tot Ion:101 Resp: 203125

Ion Ratio Lower Upper

101 100

85 41.2 33.2 49.8

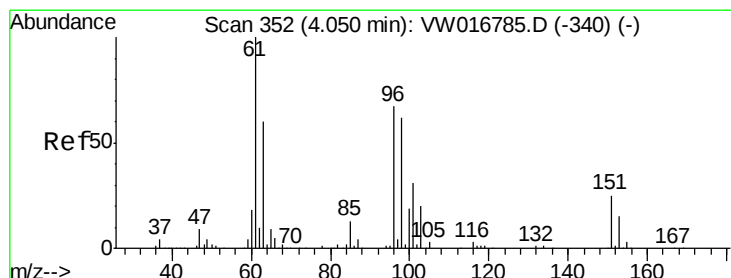
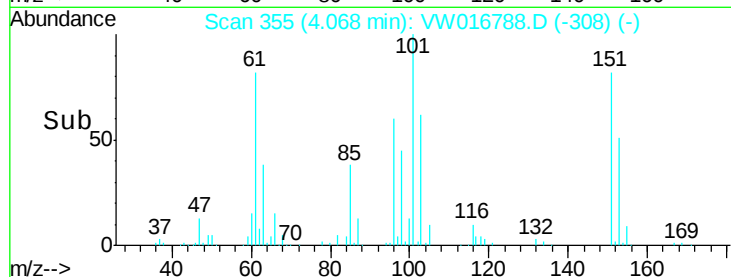
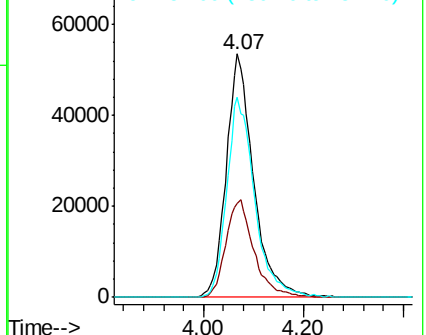
151 83.7 67.5 101.3



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: 26.944 ug/L

RT: 4.04 min Scan# 351

Delta R.T. -0.01 min

Lab File: VW016788.D

Acq: 06 Oct 2020 09:13

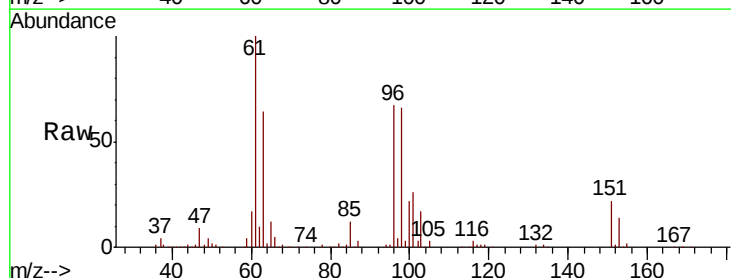
Tgt Ion: 96 Resp: 195315

Ion Ratio Lower Upper

96 100

61 148.4 104.9 194.9

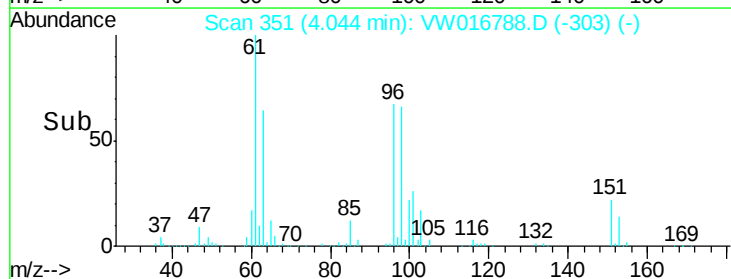
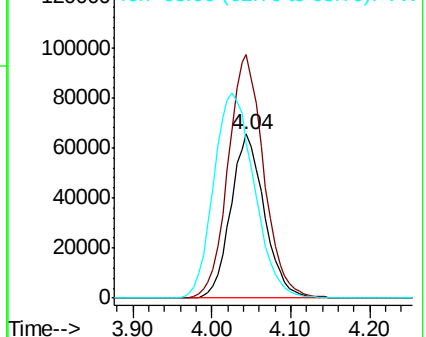
63 95.0 65.9 122.3

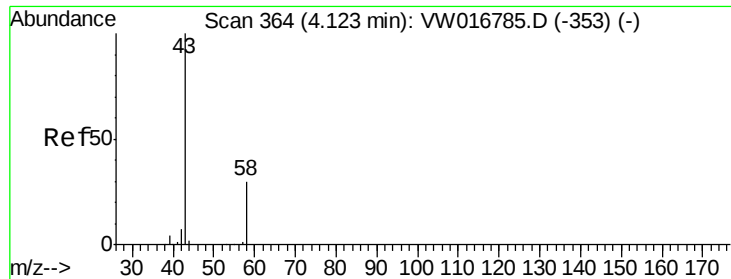


Abundance Ion 96.00 (95.70 to 96.70): VW

Ion 61.00 (60.70 to 61.70): VW

Ion 63.00 (62.70 to 63.70): VW





#13

Acetone

Concen: 44.910 ug/L

RT: 4.12 min Scan# 364

Delta R.T. 0.00 min

Lab File: VW016788.D

Acq: 06 Oct 2020 09:13

Instrument :

MSVOA_W

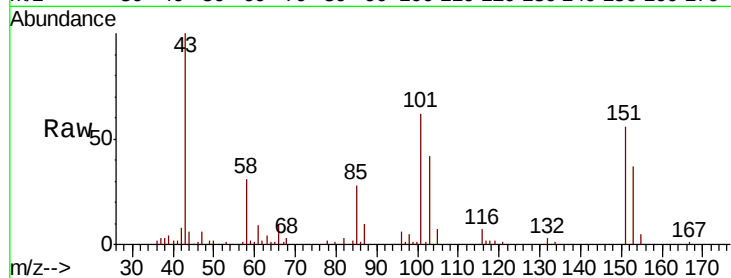
ClientSampled :

Tot Ion: 43 Resp: 46461

Ion Ratio Lower Upper

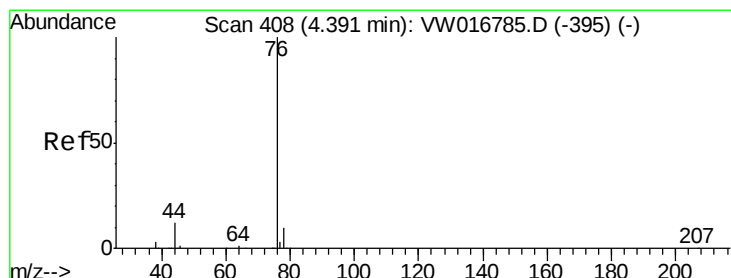
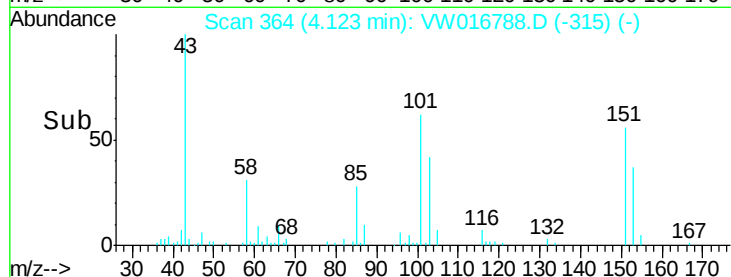
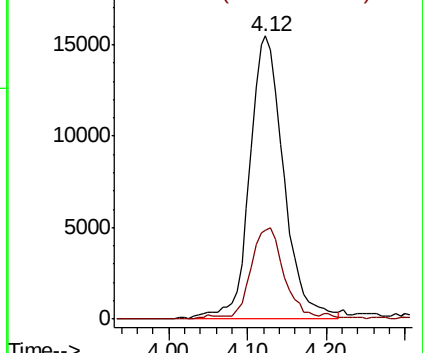
43 100

58 30.7 0.0 63.6



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



#14

Carbon disulfide

Concen: 27.744 ug/L

RT: 4.39 min Scan# 408

Delta R.T. 0.00 min

Lab File: VW016788.D

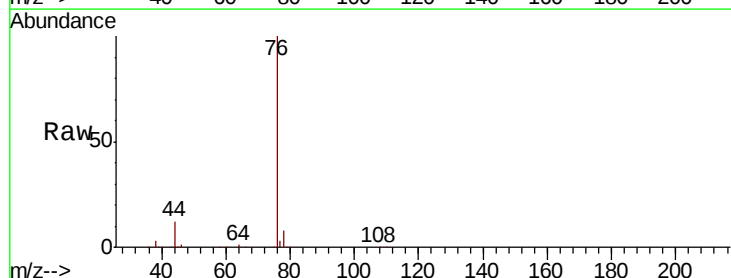
Acq: 06 Oct 2020 09:13

Tgt Ion: 76 Resp: 564900

Ion Ratio Lower Upper

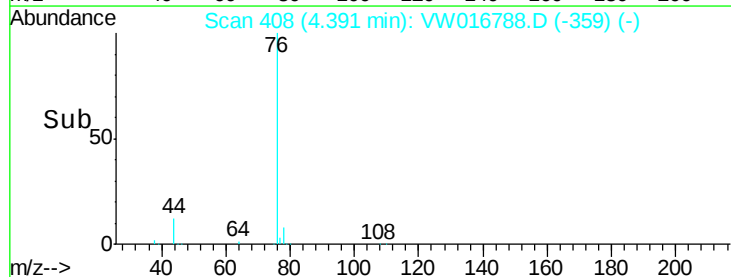
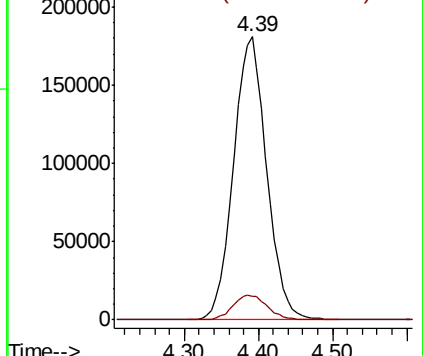
76 100

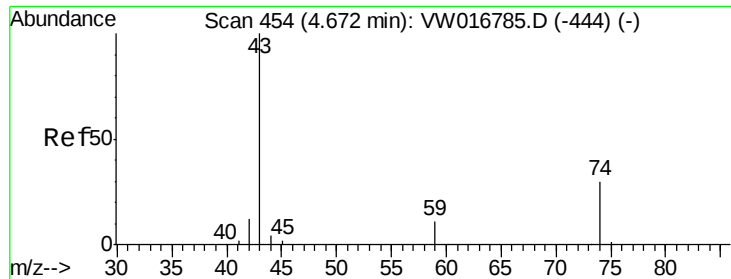
78 8.5 7.6 11.4



Abundance Ion 76.00 (75.70 to 76.70): VW

Ion 78.00 (77.70 to 78.70): VW

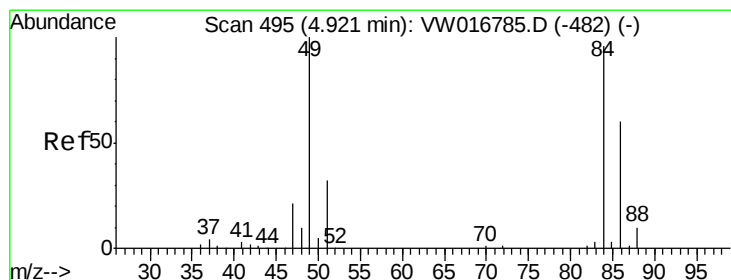
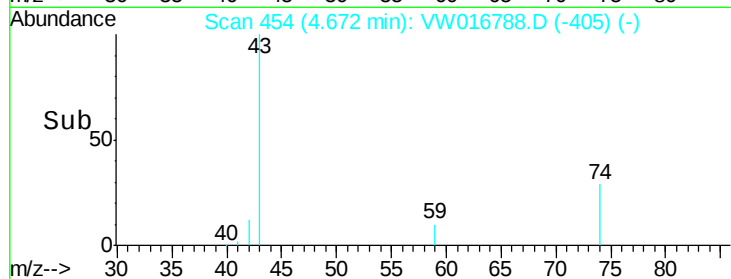
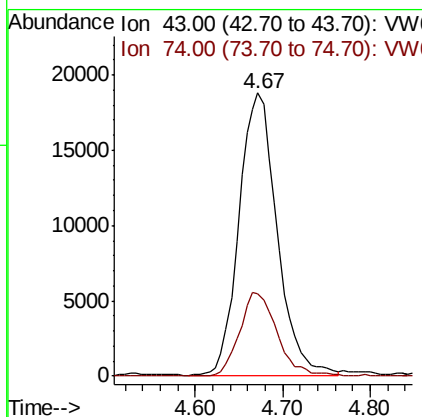
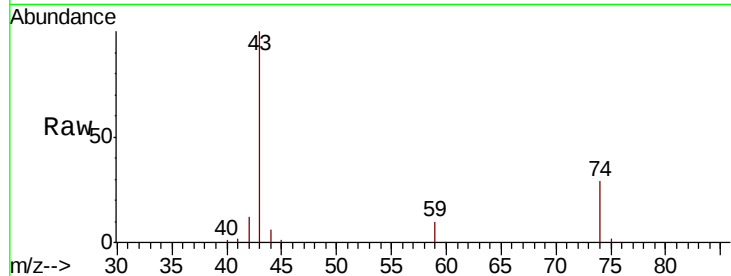




#15
Methvl Acetate
Concen: 24.890 ug/L
RT: 4.67 min Scan# 454
Delta R.T. 0.00 min
Lab File: VW016788.D
Acq: 06 Oct 2020 09:13

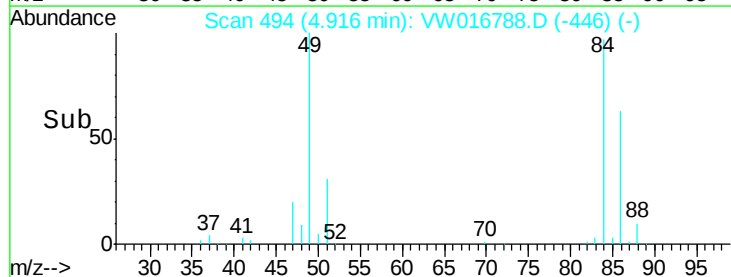
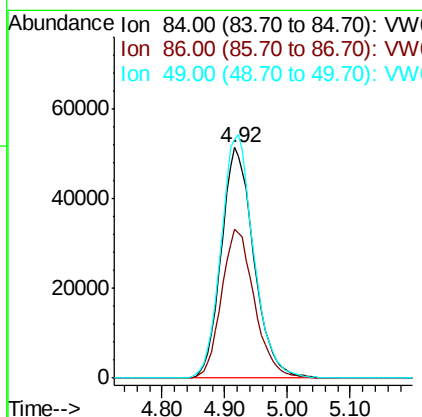
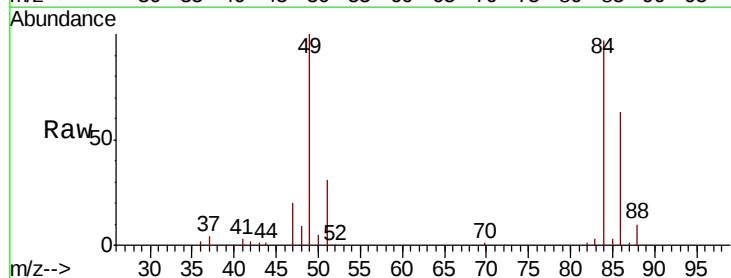
Instrument :
MSVOA_W
ClientSampleId :

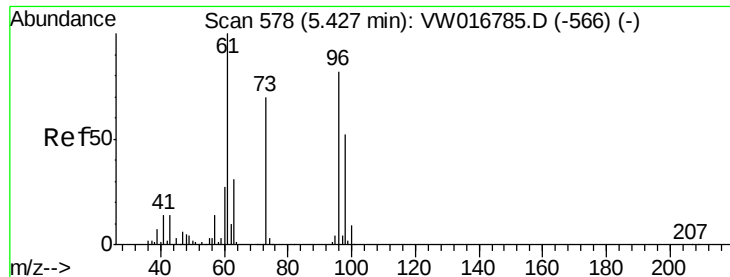
Tot Ion: 43 Resp: 56492
Ion Ratio Lower Upper
43 100
74 27.8 22.7 34.1



#16
Methylene chloride
Concen: 22.731 ug/L
RT: 4.92 min Scan# 494
Delta R.T. -0.01 min
Lab File: VW016788.D
Acq: 06 Oct 2020 09:13

Tgt Ion: 84 Resp: 185060
Ion Ratio Lower Upper
84 100
86 64.9 44.3 82.3
49 103.4 73.3 136.1

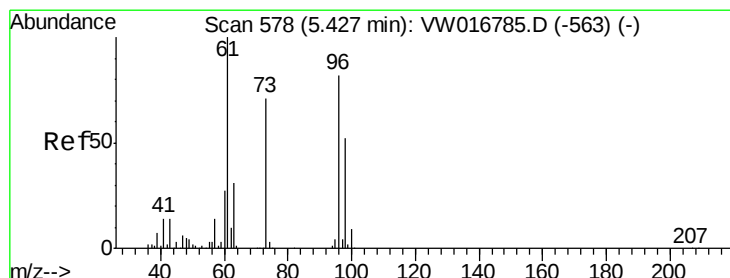
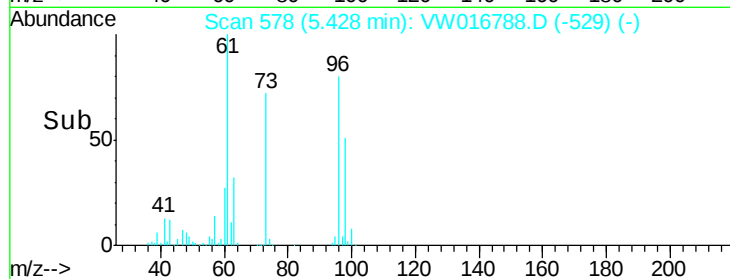
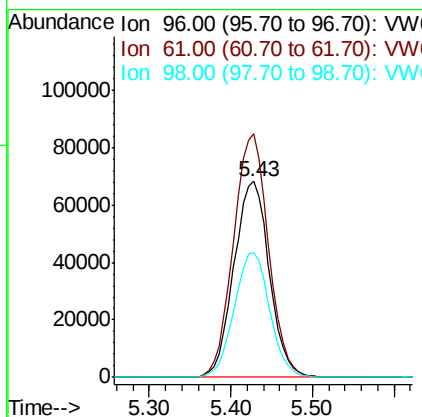
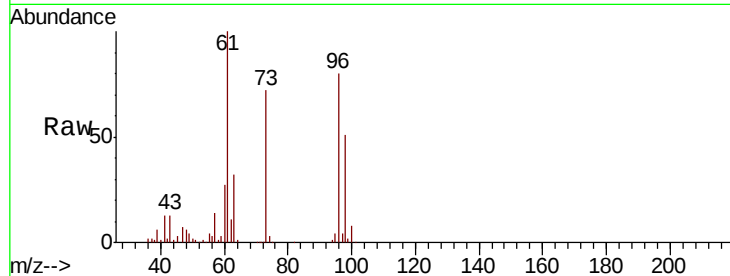




#17
 trans-1,2-Dichloroethene
 Concen: 26.590 ug/L
 RT: 5.43 min Scan# 578
 Delta R.T. 0.00 min
 Lab File: VW016788.D
 Acq: 06 Oct 2020 09:13

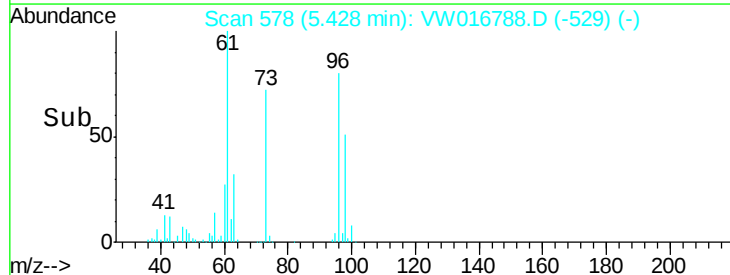
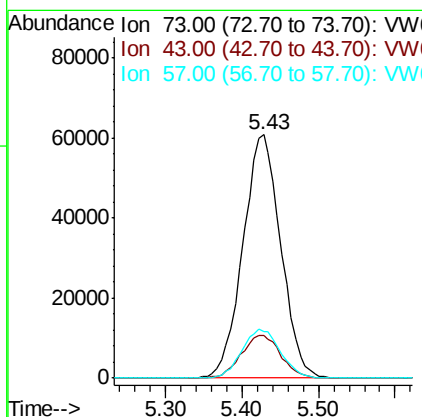
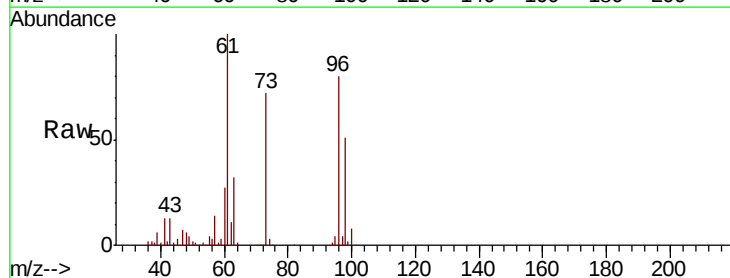
Instrument :
 MSVOA_W
 ClientSampleId :

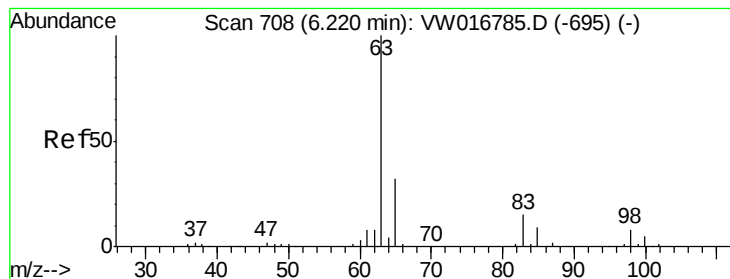
Tot Ion	96	Resp	205506
Ion Ratio	Lower	Upper	
96	100		
61	124.4	85.3	158.5
98	63.8	44.1	81.9



#18
 Methyl tert-butyl Ether
 Concen: 25.942 ug/L
 RT: 5.43 min Scan# 578
 Delta R.T. 0.00 min
 Lab File: VW016788.D
 Acq: 06 Oct 2020 09:13

Tgt Ion	73	Resp	208949
Ion Ratio	Lower	Upper	
73	100		
43	18.3	14.9	22.3
57	20.4	16.4	24.6





#19

1,1-Dichloroethane

Concen: 26.049 ug/L

RT: 6.22 min Scan# 708

Delta R.T. 0.00 min

Lab File: VW016788.D

Acq: 06 Oct 2020 09:13

Instrument :

MSVOA_W

ClientSampled :

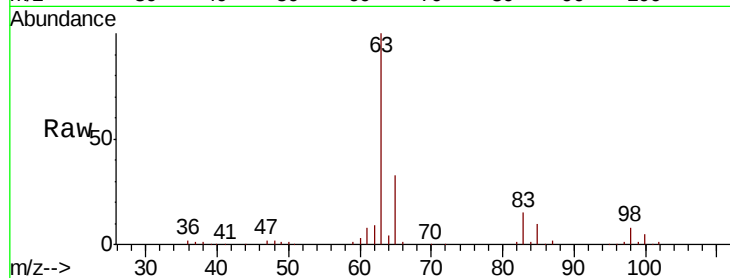
Tot Ion: 63 Resp: 310626

Ion Ratio Lower Upper

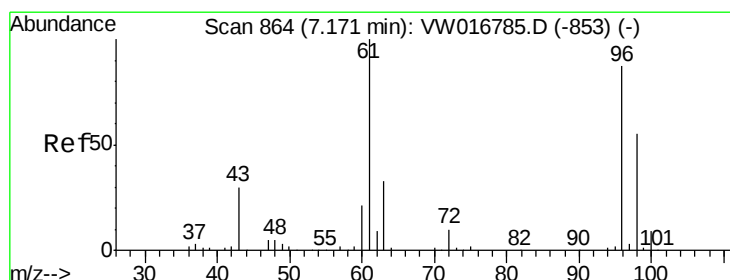
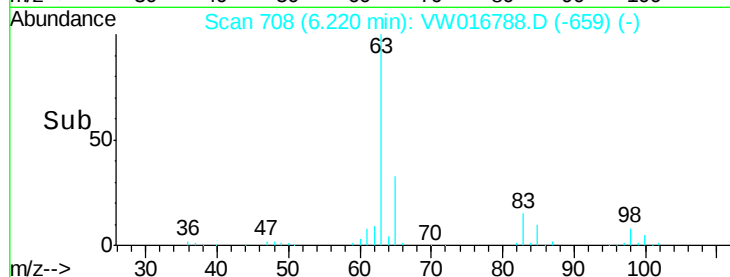
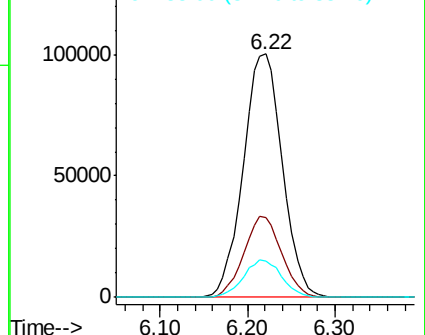
63 100

65 33.0 22.3 41.5

83 14.7 10.2 19.0



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



#20

cis-1,2-Dichloroethene

Concen: 26.024 ug/L

RT: 7.17 min Scan# 864

Delta R.T. 0.00 min

Lab File: VW016788.D

Acq: 06 Oct 2020 09:13

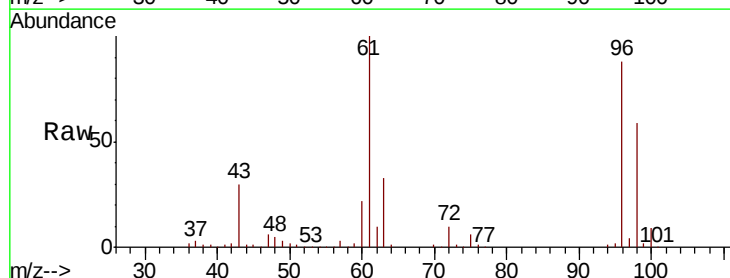
Tgt Ion: 96 Resp: 203683

Ion Ratio Lower Upper

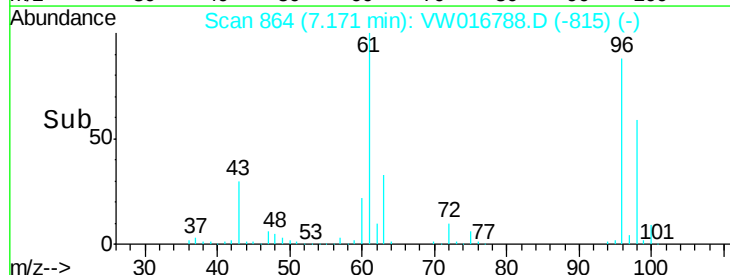
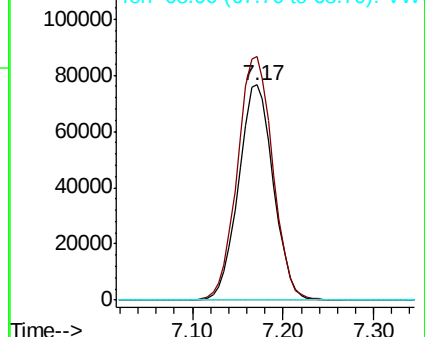
96 100

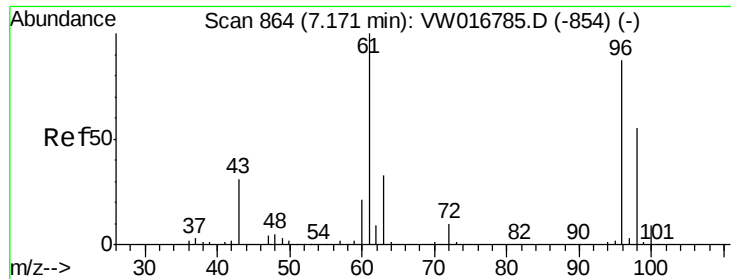
61 113.2 80.3 149.1

68 0.0 0.0 0.0



Abundance Ion 96.00 (95.70 to 96.70): VW
Ion 61.00 (60.70 to 61.70): VW
Ion 68.00 (67.70 to 68.70): VW





#22

2-Butanone

Concen: 49.211 ug/L

RT: 7.17 min Scan# 864

Delta R.T. 0.00 min

Lab File: VW016788.D

Acq: 06 Oct 2020 09:13

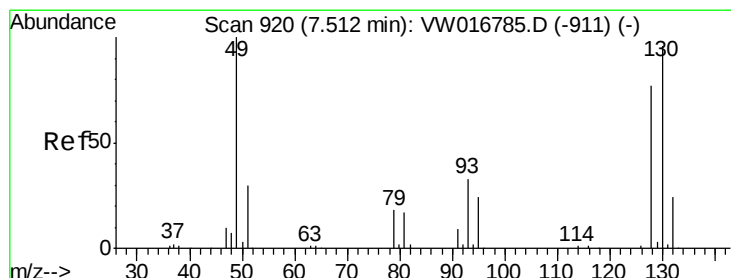
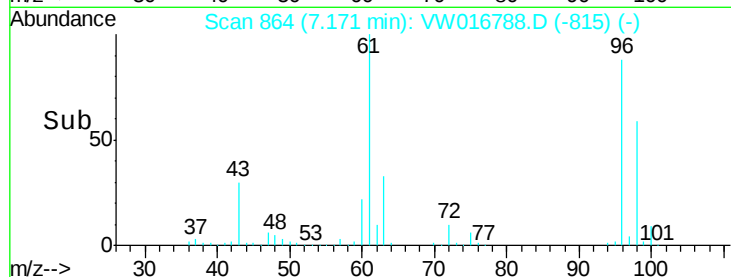
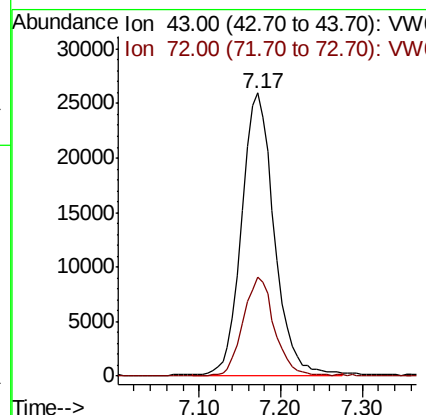
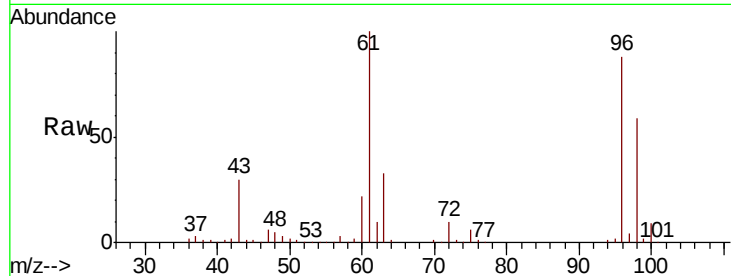
Instrument :
MSVOA_W
ClientSampled :

Tot Ion: 43 Resp: 72498

Ion Ratio Lower Upper

43 100

72 33.5 15.7 47.1



#23

Bromochloromethane

Concen: 26.118 ug/L

RT: 7.51 min Scan# 920

Delta R.T. 0.00 min

Lab File: VW016788.D

Acq: 06 Oct 2020 09:13

Tgt Ion: 128 Resp: 96420

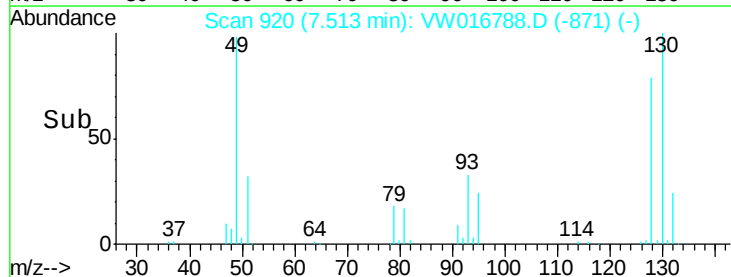
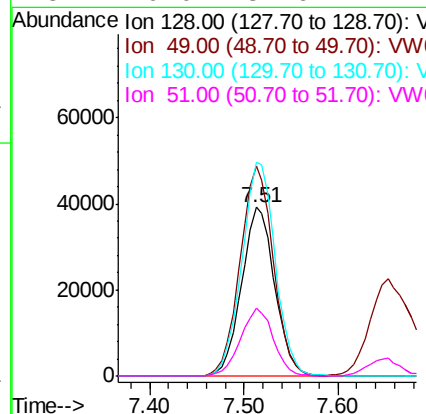
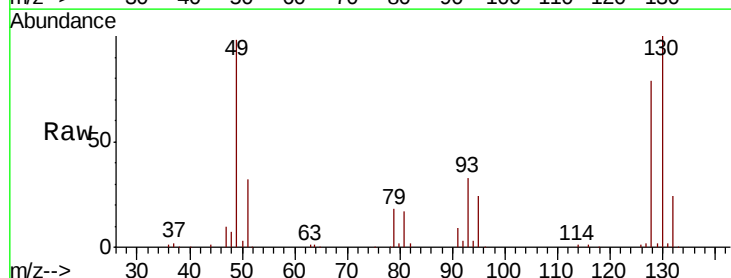
Ion Ratio Lower Upper

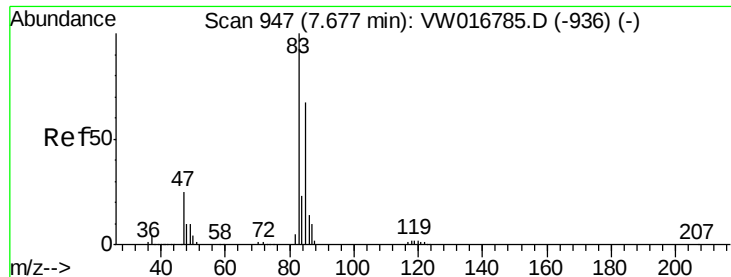
128 100

49 124.3 91.1 169.3

130 126.8 87.6 162.6

51 40.0 31.6 47.4





#25

Chloroform

Concen: 26.145 ug/L

RT: 7.68 min Scan# 947

Delta R.T. 0.00 min

Lab File: VW016788.D

Acq: 06 Oct 2020 09:13

Instrument :

MSVOA_W

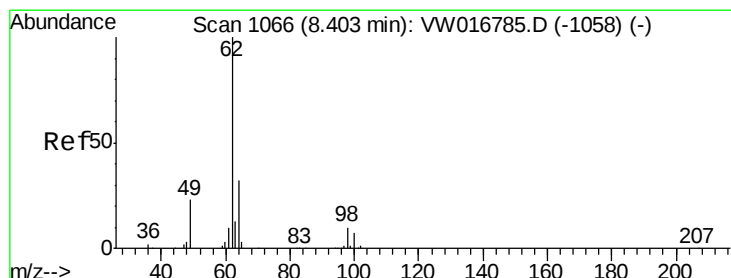
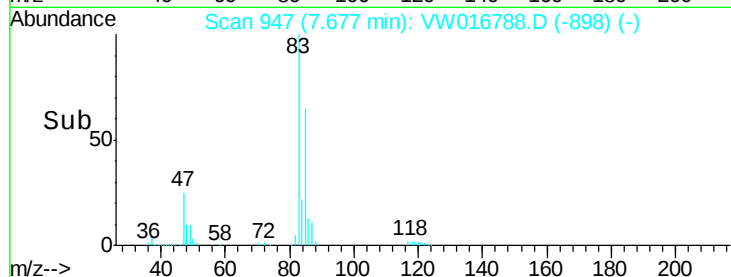
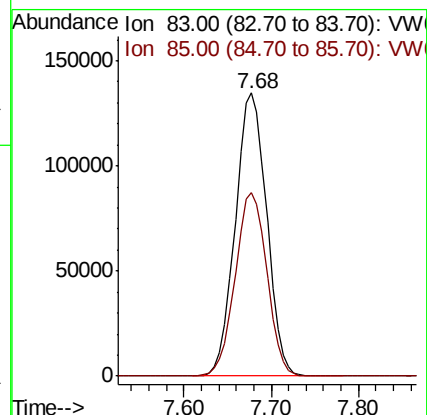
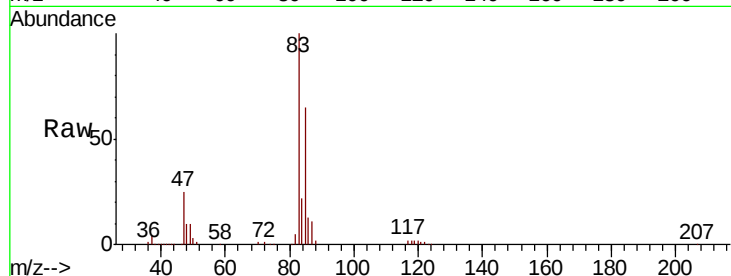
ClientSampleId :

Tot Ion: 83 Resp: 335639

Ion Ratio Lower Upper

83 100

85 64.7 46.9 87.1



#27

1,2-Dichloroethane

Concen: 25.899 ug/L

RT: 8.40 min Scan# 1066

Delta R.T. 0.00 min

Lab File: VW016788.D

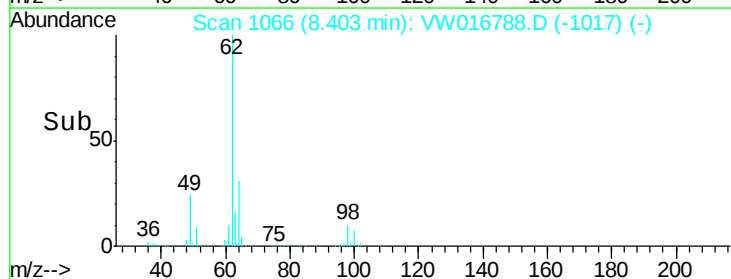
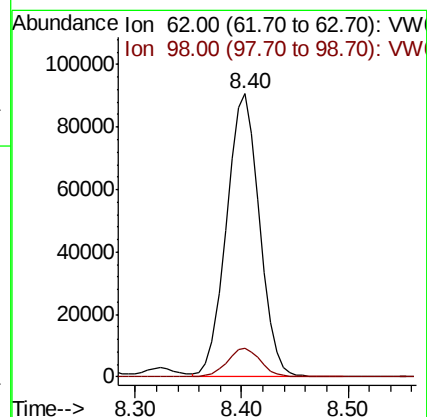
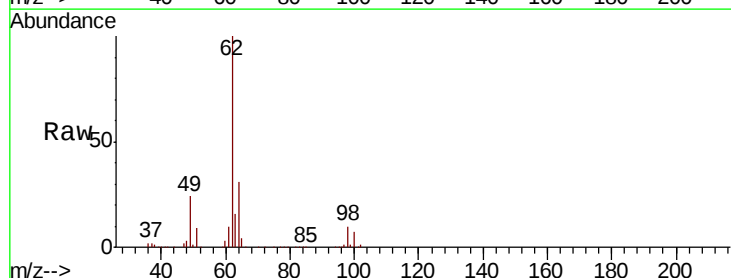
Acq: 06 Oct 2020 09:13

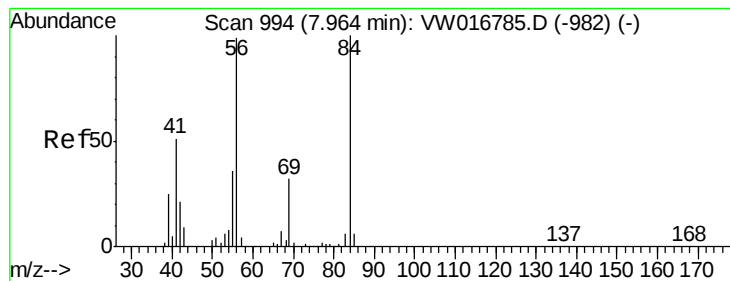
Tgt Ion: 62 Resp: 196476

Ion Ratio Lower Upper

62 100

98 10.3 8.2 12.4





#29

Cyclohexane

Concen: 27.468 ug/L

RT: 7.96 min Scan# 993

Delta R.T. -0.01 min

Lab File: VW016788.D

Acq: 06 Oct 2020 09:13

Instrument :

MSVOA_W

ClientSampled :

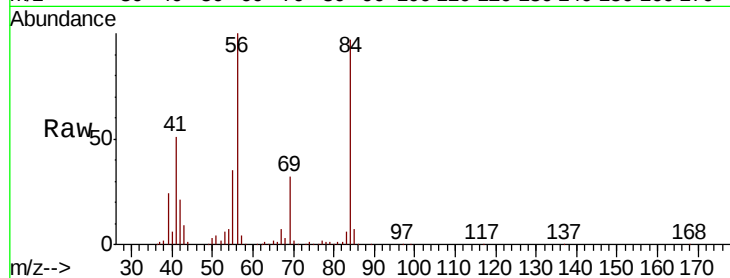
Tot Ion: 56 Resp: 291343

Ion Ratio Lower Upper

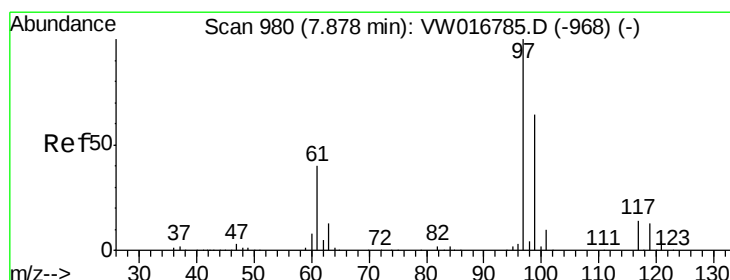
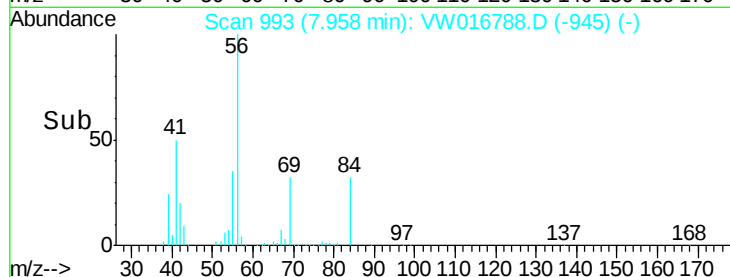
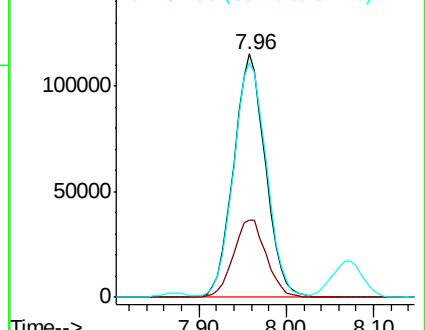
56 100

69 32.9 26.3 39.5

84 100.2 81.1 121.7



Abundance Ion 56.00 (55.70 to 56.70): VW
Ion 69.00 (68.70 to 69.70): VW
Ion 84.00 (83.70 to 84.70): VW



#30

1,1,1-Trichloroethane

Concen: 27.238 ug/L

RT: 7.87 min Scan# 979

Delta R.T. -0.01 min

Lab File: VW016788.D

Acq: 06 Oct 2020 09:13

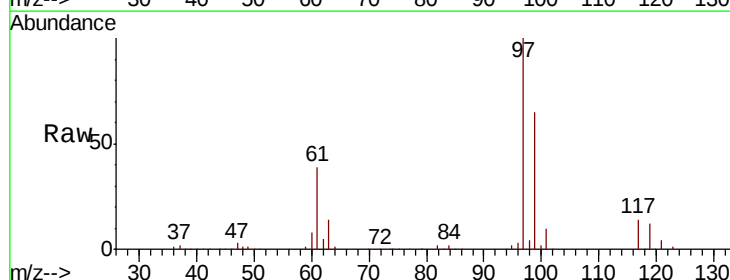
Tgt Ion: 97 Resp: 293213

Ion Ratio Lower Upper

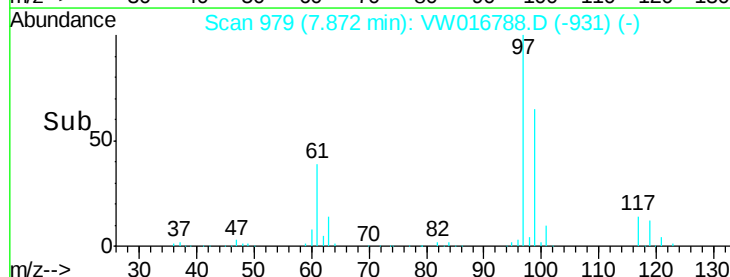
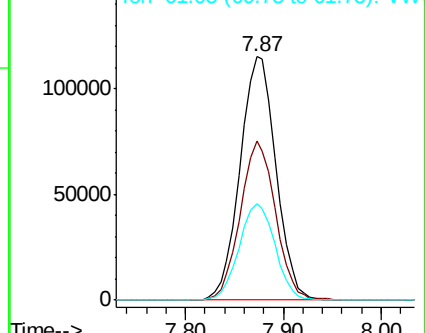
97 100

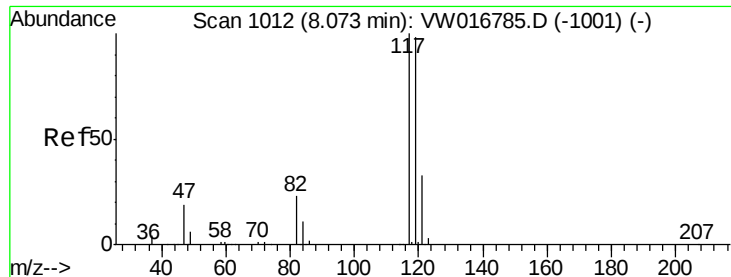
99 64.2 51.0 76.4

61 39.7 32.2 48.2



Abundance Ion 97.00 (96.70 to 97.70): VW
Ion 99.00 (98.70 to 99.70): VW
Ion 61.05 (60.75 to 61.75): VW

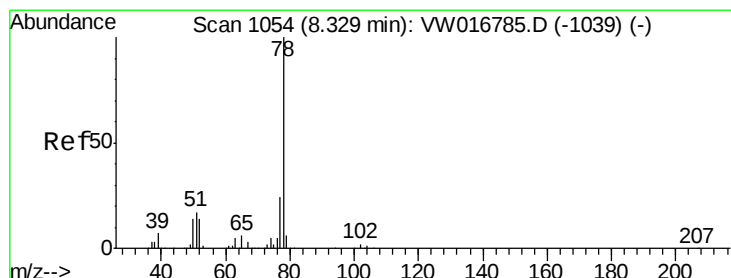
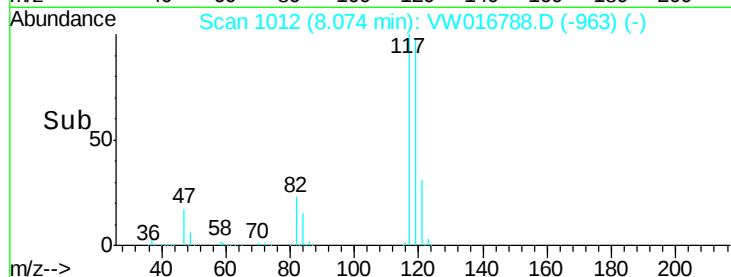
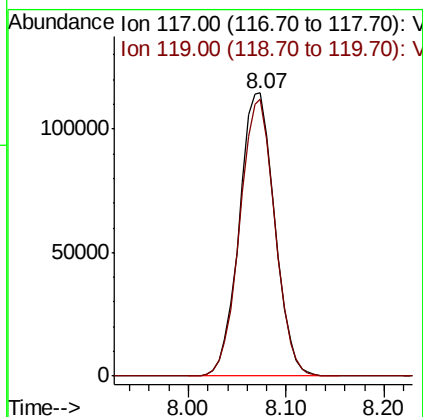
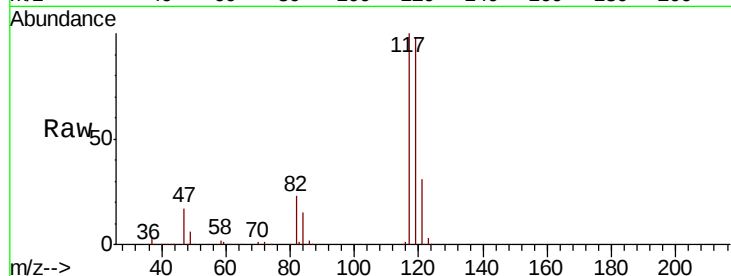




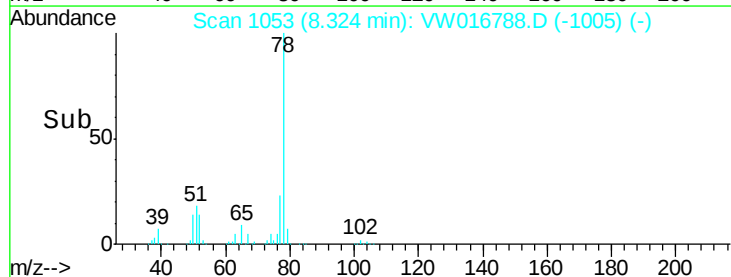
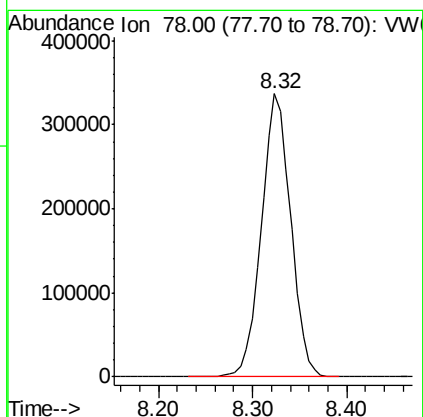
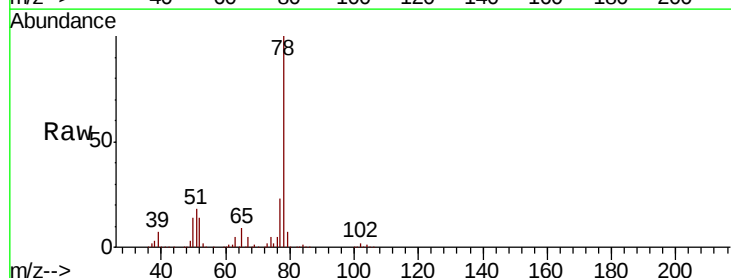
#31
Carbon tetrachloride
Concen: 27.432 ug/L
RT: 8.07 min Scan# 1012
Delta R.T. 0.00 min
Lab File: VW016788.D
Acq: 06 Oct 2020 09:13

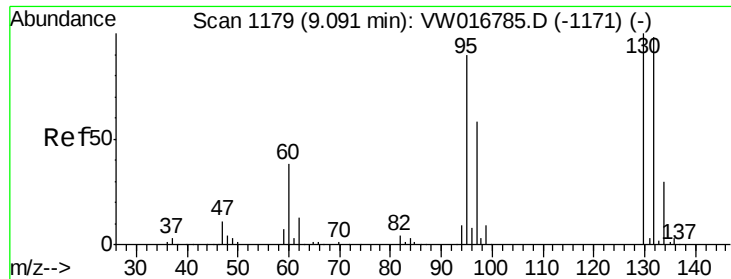
Instrument :
MSVOA_W
ClientSampled :

Tot Ion:117 Resp: 288173
Ion Ratio Lower Upper
117 100
119 96.7 76.1 114.1



#33
Benzene
Concen: 26.655 ug/L
RT: 8.32 min Scan# 1053
Delta R.T. -0.01 min
Lab File: VW016788.D
Acq: 06 Oct 2020 09:13
Tgt Ion: 78 Resp: 737075

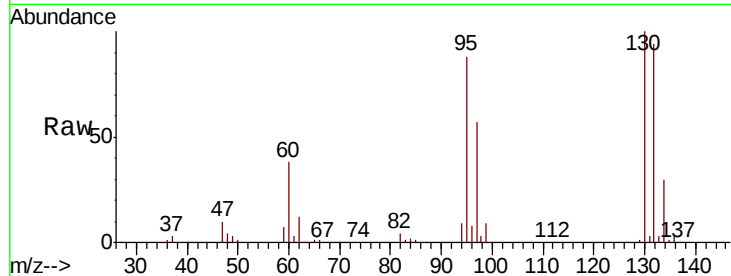




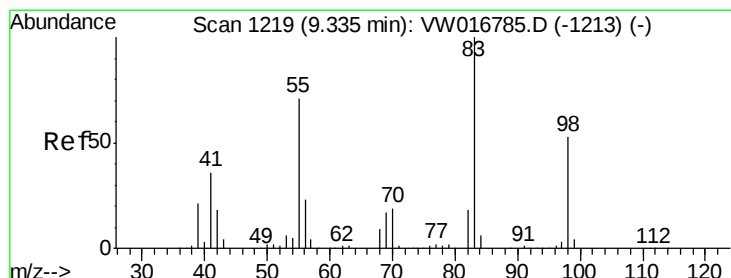
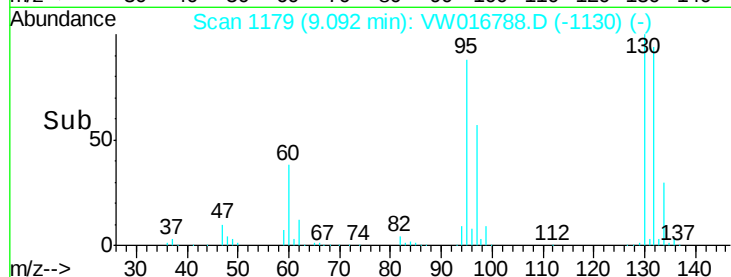
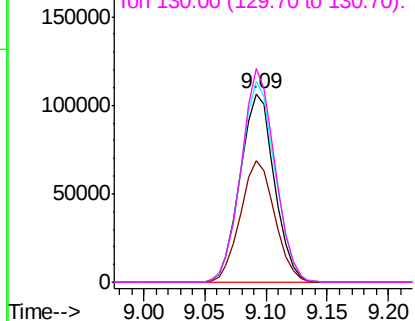
#34
 Trichloroethene
 Concen: 26.474 ug/L
 RT: 9.09 min Scan# 1179
 Delta R.T. 0.00 min
 Lab File: VW016788.D
 Acq: 06 Oct 2020 09:13

Instrument :
 MSVOA_W
 ClientSampleId :

Tot Ion: 95 Resp: 208288
 Ion Ratio Lower Upper
 95 100
 97 64.2 45.5 84.5
 132 106.5 76.4 142.0
 130 113.1 77.9 144.7

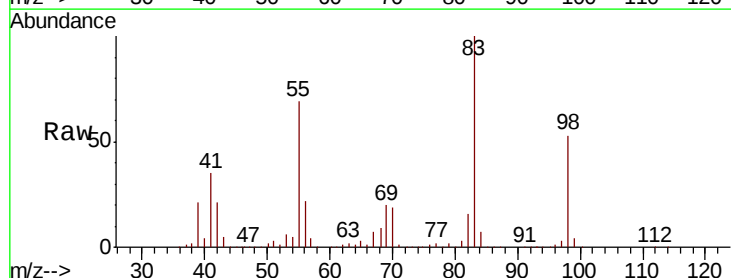


Abundance Ion 95.00 (94.70 to 95.70): VW
 Ion 97.00 (96.70 to 97.70): VW
 Ion 132.00 (131.70 to 132.70): V
 Ion 130.00 (129.70 to 130.70): V

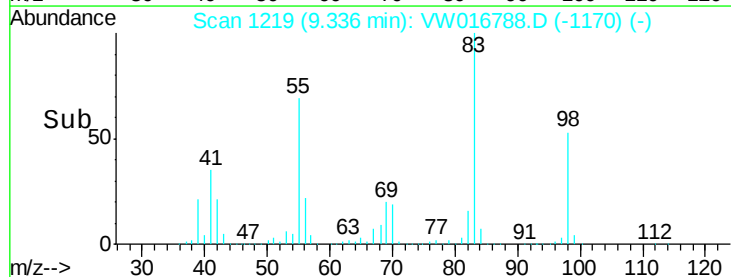
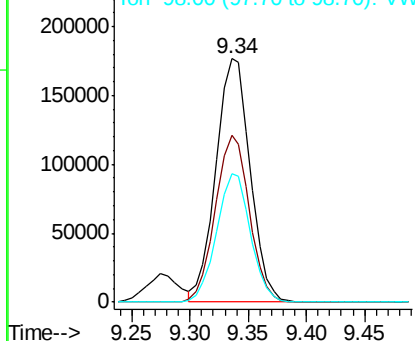


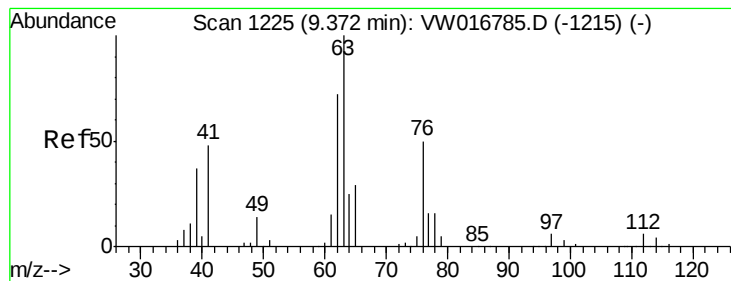
#35
 Methylcyclohexane
 Concen: 27.538 ug/L
 RT: 9.34 min Scan# 1219
 Delta R.T. 0.00 min
 Lab File: VW016788.D
 Acq: 06 Oct 2020 09:13

Tgt Ion: 83 Resp: 360161
 Ion Ratio Lower Upper
 83 100
 55 68.1 55.4 83.2
 98 51.9 41.6 62.4



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





#37

1,2-Dichloropropane

Concen: 26.251 ug/L

RT: 9.37 min Scan# 1225

Delta R.T. 0.00 min

Lab File: VW016788.D

Acq: 06 Oct 2020 09:13

Instrument :

MSVOA_W

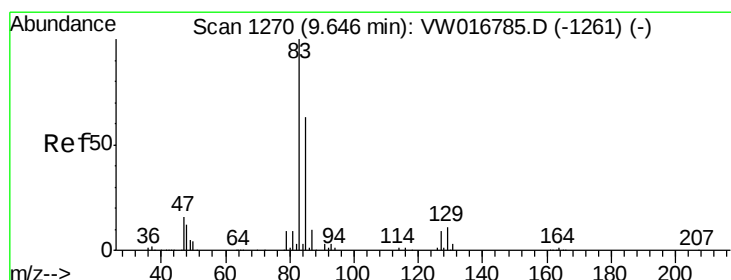
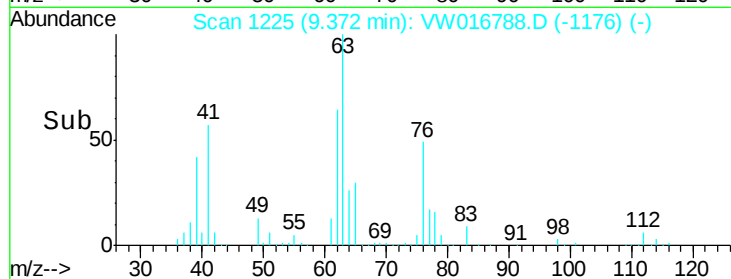
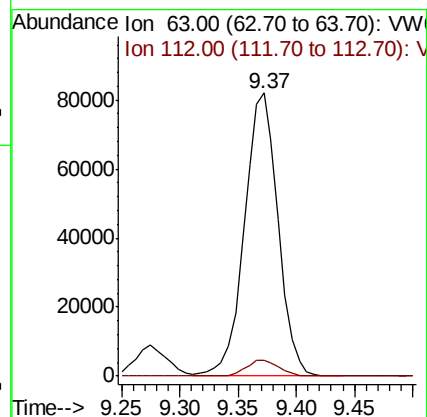
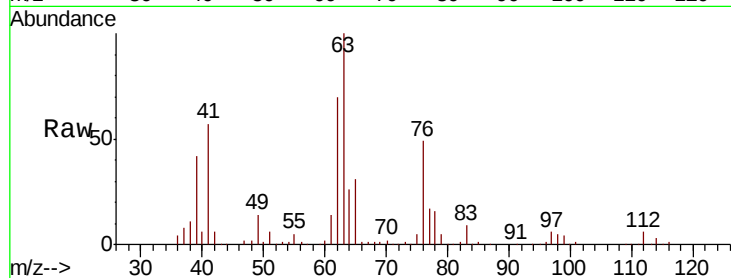
ClientSampled :

Tot Ion: 63 Resp: 164817

Ion Ratio Lower Upper

63 100

112 5.7 4.6 7.0



#38

Bromodichloromethane

Concen: 26.300 ug/L

RT: 9.65 min Scan# 1270

Delta R.T. 0.00 min

Lab File: VW016788.D

Acq: 06 Oct 2020 09:13

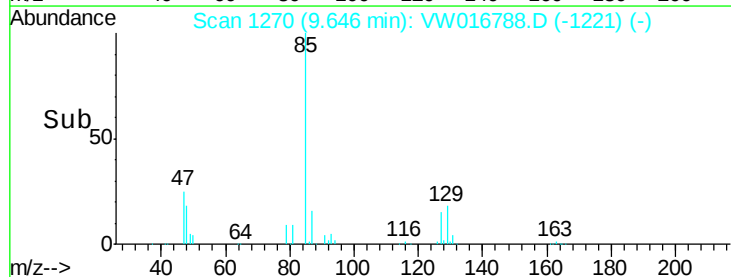
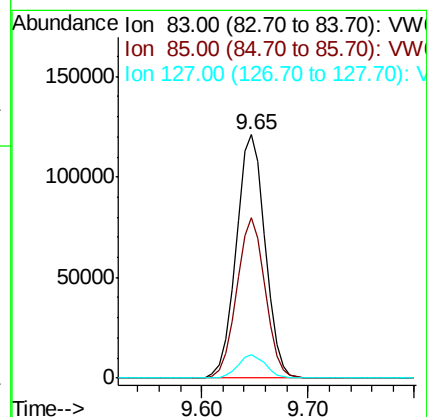
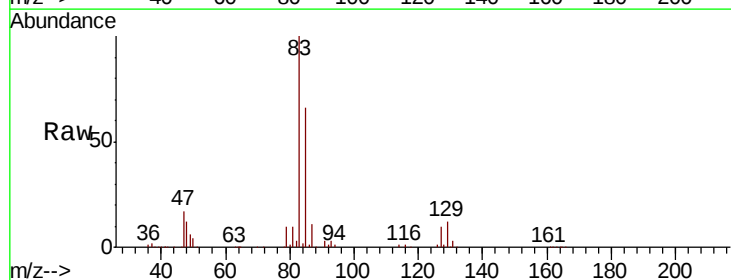
Tgt Ion: 83 Resp: 230484

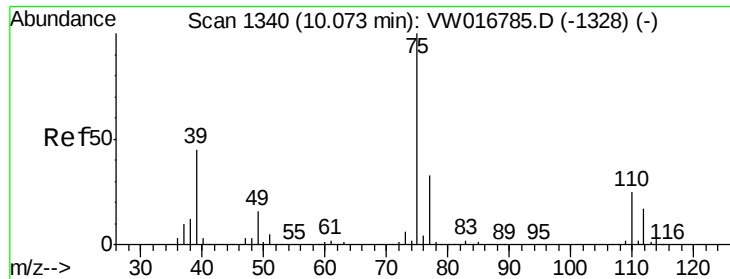
Ion Ratio Lower Upper

83 100

85 65.7 44.2 82.0

127 9.5 7.0 10.4

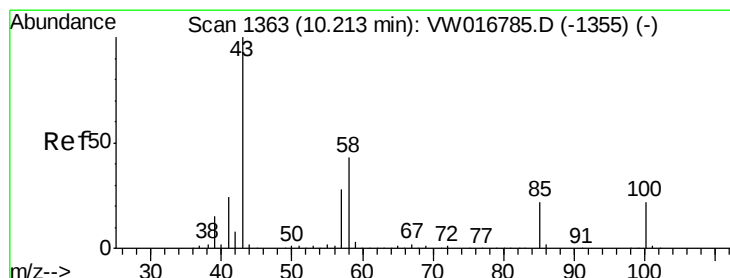
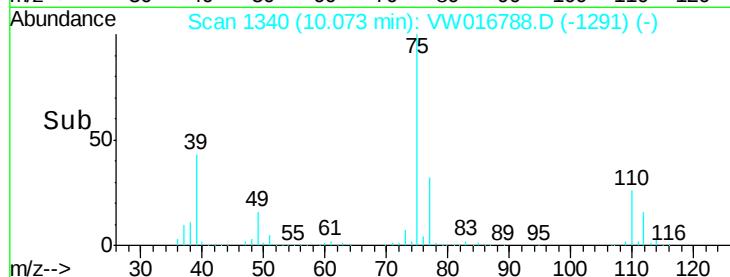
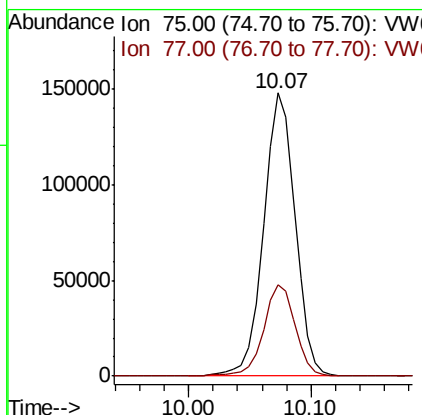
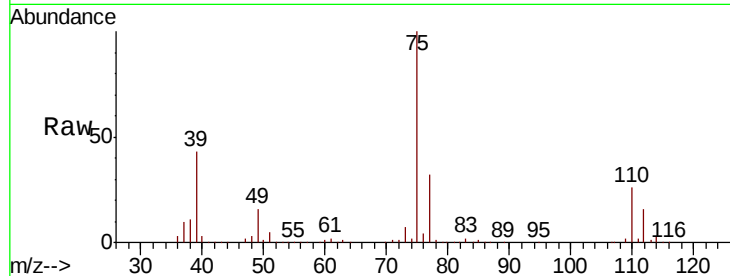




#39
 cis-1,3-Dichloropropene
 Concen: 26.864 ug/L
 RT: 10.07 min Scan# 1340
 Delta R.T. 0.00 min
 Lab File: VW016788.D
 Acq: 06 Oct 2020 09:13

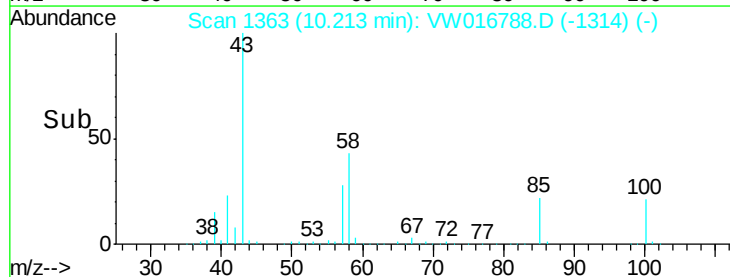
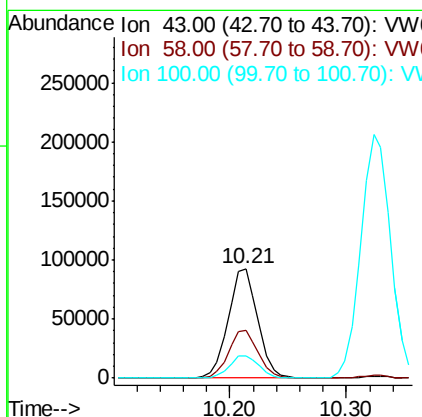
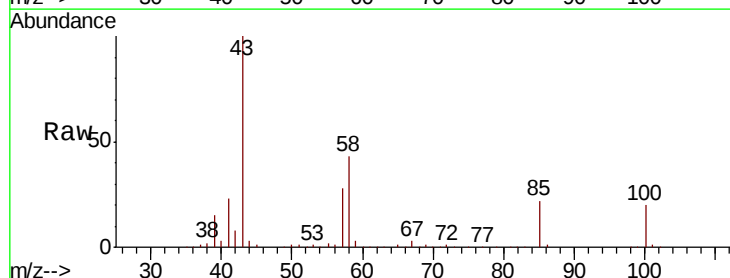
Instrument :
 MSVOA_W
 ClientSampleId :

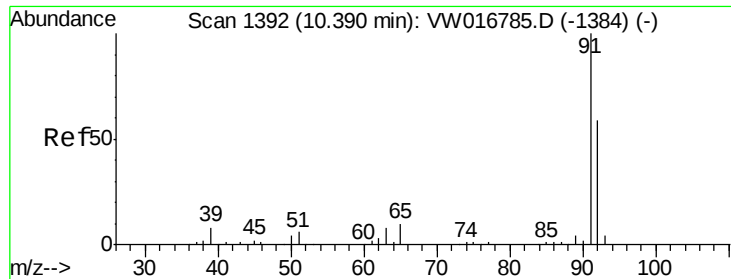
Tot Ion: 75 Resp: 265692
 Ion Ratio Lower Upper
 75 100
 77 32.1 23.2 43.0



#40
 4-Methyl-2-pentanone
 Concen: 52.272 ug/L
 RT: 10.21 min Scan# 1363
 Delta R.T. 0.00 min
 Lab File: VW016788.D
 Acq: 06 Oct 2020 09:13

Tgt Ion: 43 Resp: 162854
 Ion Ratio Lower Upper
 43 100
 58 43.2 34.2 51.2
 100 20.5 16.6 25.0





#42

Toluene

Concen: 26.715 ug/L

RT: 10.39 min Scan# 1392

Delta R.T. 0.00 min

Lab File: VW016788.D

Acq: 06 Oct 2020 09:13

Instrument :

MSVOA_W

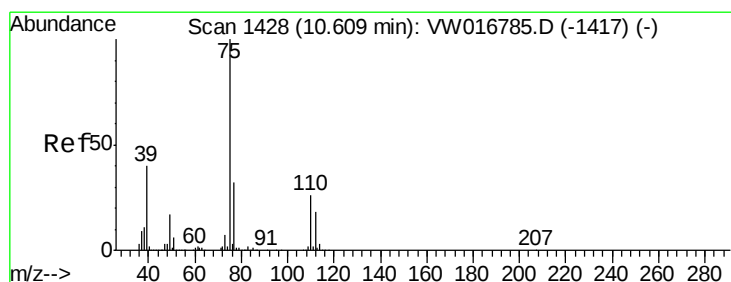
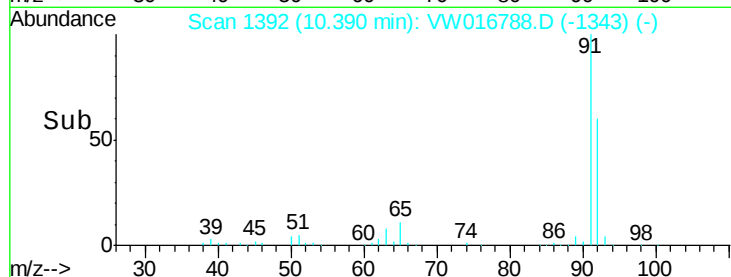
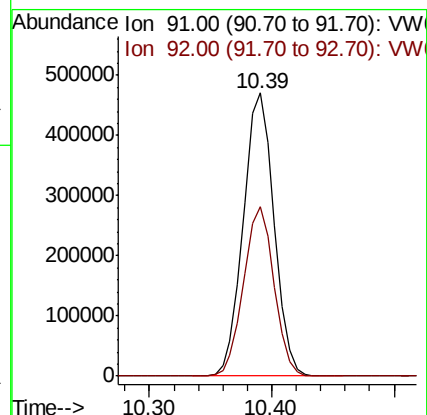
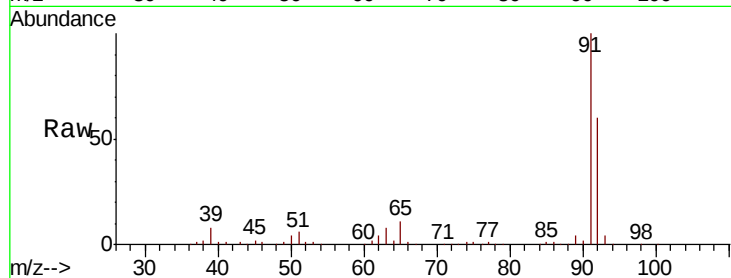
ClientSampleId :

Tot Ion: 91 Resp: 820328

Ion Ratio Lower Upper

91 100

92 59.7 41.5 77.1



#44

trans-1,3-Dichloropropene

Concen: 27.029 ug/L

RT: 10.61 min Scan# 1428

Delta R.T. 0.00 min

Lab File: VW016788.D

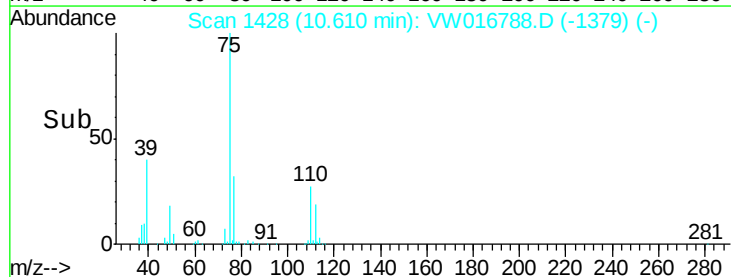
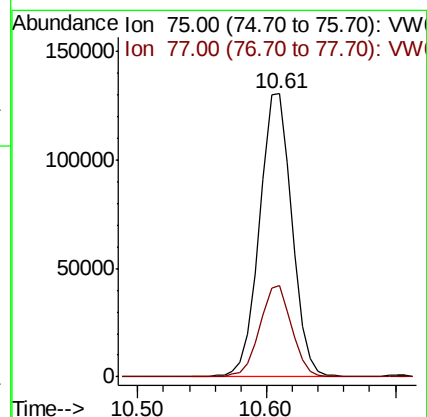
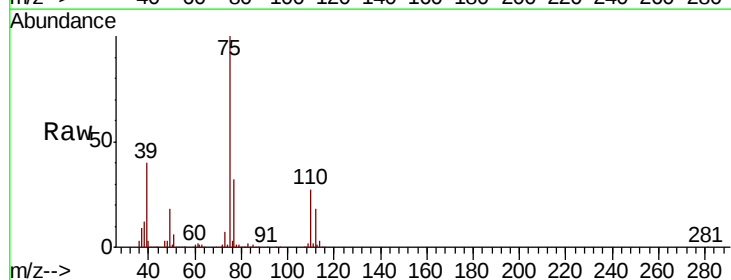
Acq: 06 Oct 2020 09:13

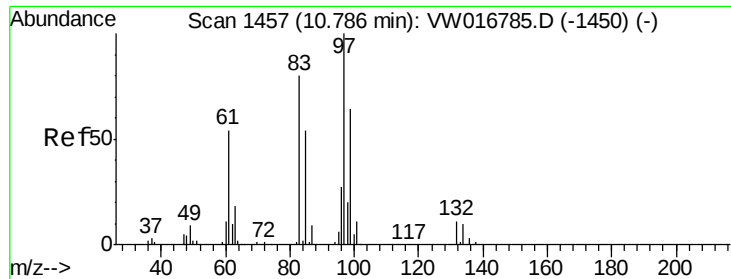
Tgt Ion: 75 Resp: 227543

Ion Ratio Lower Upper

75 100

77 32.4 22.3 41.3

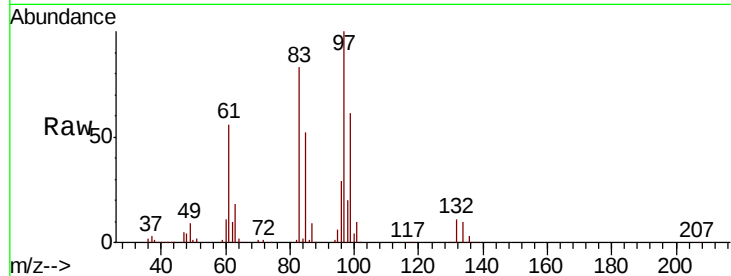




#45
 1,1,2-Trichloroethane
 Concen: 25.961 ug/L
 RT: 10.79 min Scan# 1457
 Delta R.T. 0.00 min
 Lab File: VW016788.D
 Acq: 06 Oct 2020 09:13

Instrument :
 MSVOA_W
 ClientSampleId :

Tot Ion:	97	Resp:	131921
Ion	Ratio	Lower	Upper
97	100		
99	60.8	44.9	83.3
83	83.4	55.8	103.6
85	52.0	37.7	69.9



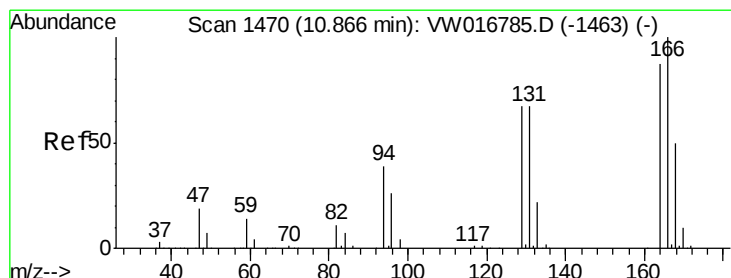
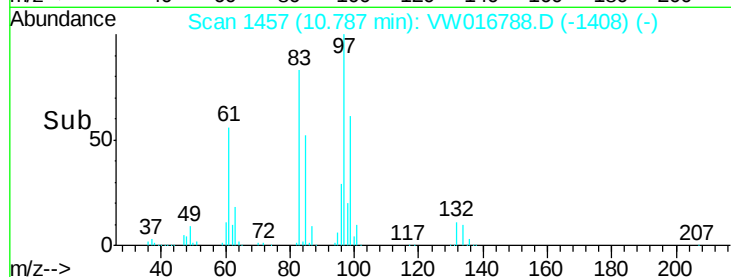
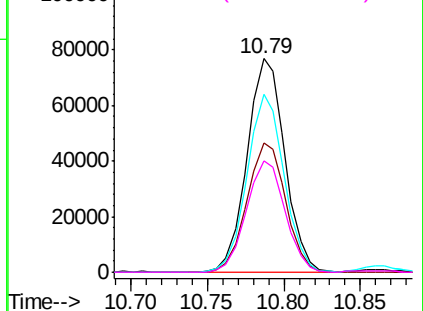
Abundance

Ion 97.00 (96.70 to 97.70): VW

Ion 99.00 (98.70 to 99.70): VW

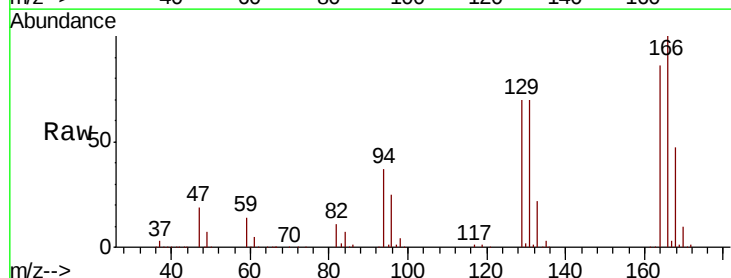
Ion 83.00 (82.70 to 83.70): VW

Ion 85.00 (84.70 to 85.70): VW



#46
 Tetrachloroethene
 Concen: 26.989 ug/L
 RT: 10.87 min Scan# 1470
 Delta R.T. 0.00 min
 Lab File: VW016788.D
 Acq: 06 Oct 2020 09:13

Tgt Ion:	164	Resp:	194788
Ion	Ratio	Lower	Upper
164	100		
129	81.4	54.2	100.6
131	81.4	54.1	100.5
166	116.3	80.4	149.4



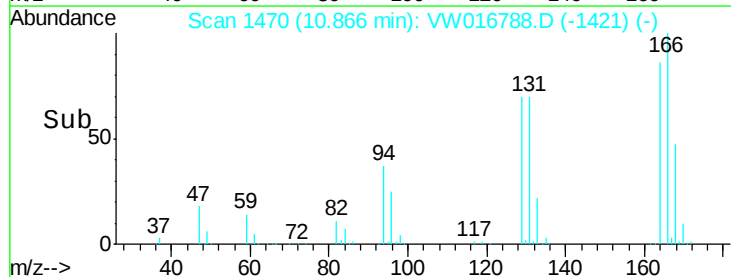
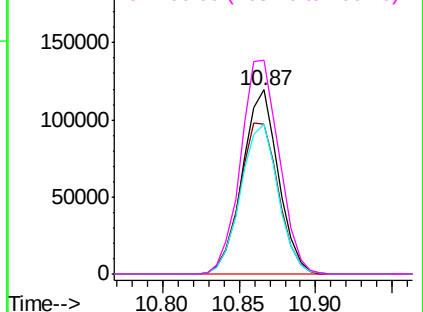
Abundance

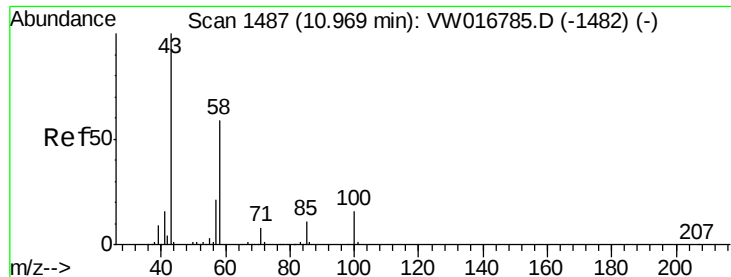
Ion 164.00 (163.70 to 164.70): V

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

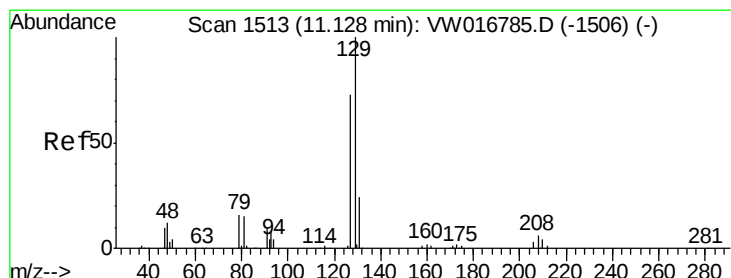
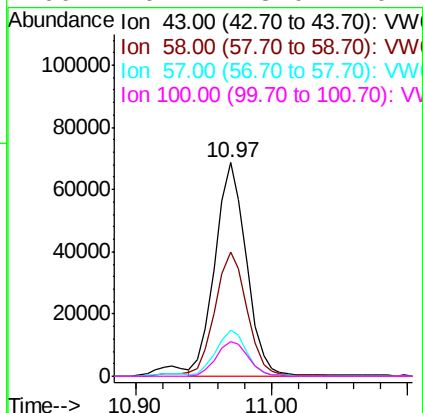
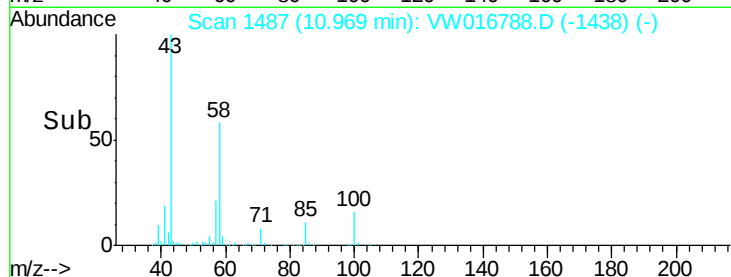
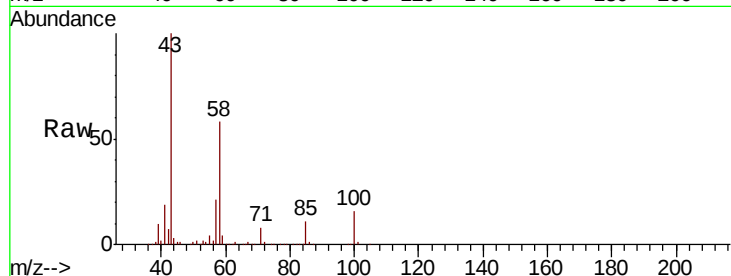




#48
2-Hexanone
Concen: 53.360 ug/L
RT: 10.97 min Scan# 1487
Delta R.T. 0.00 min
Lab File: VW016788.D
Acq: 06 Oct 2020 09:13

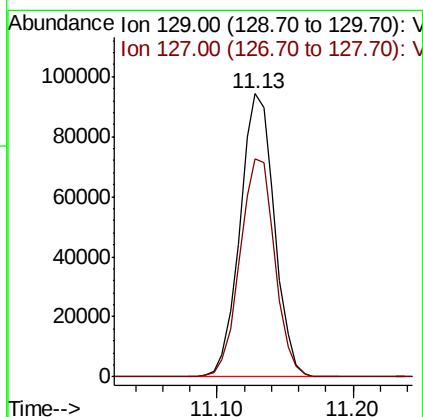
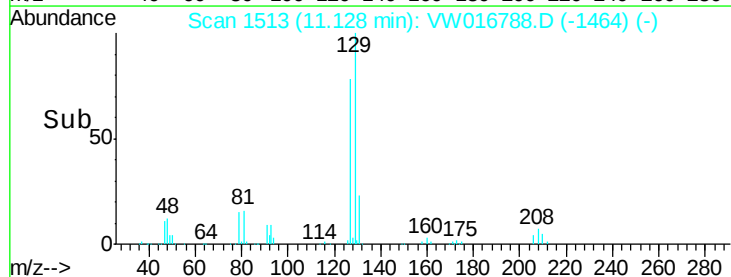
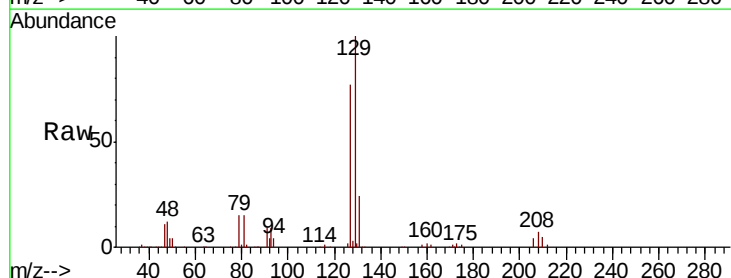
Instrument :
MSVOA_W
ClientSampled :

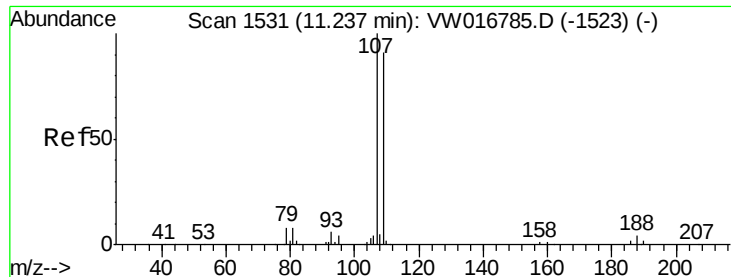
Tot Ion: 43 Resp: 110165
Ion Ratio Lower Upper
43 100
58 58.1 46.7 70.1
57 21.2 16.9 25.3
100 16.4 13.0 19.4



#49
Dibromochloromethane
Concen: 26.636 ug/L
RT: 11.13 min Scan# 1513
Delta R.T. 0.00 min
Lab File: VW016788.D
Acq: 06 Oct 2020 09:13

Tgt Ion: 129 Resp: 166583
Ion Ratio Lower Upper
129 100
127 77.0 50.8 94.4

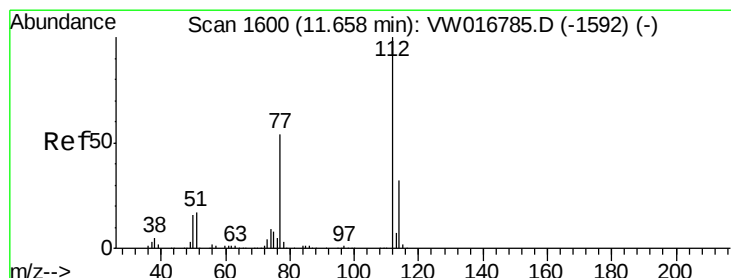
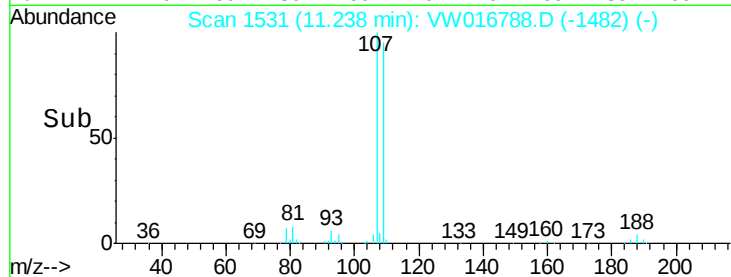
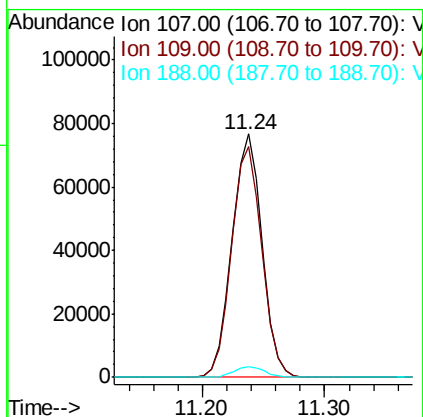
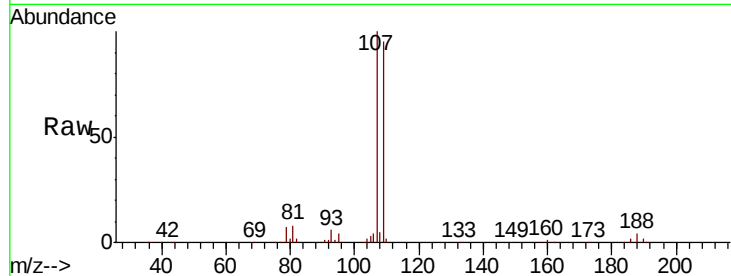




#50
 1,2-Dibromoethane
 Concen: 26.463 ug/L
 RT: 11.24 min Scan# 1531
 Delta R.T. 0.00 min
 Lab File: VW016788.D
 Acq: 06 Oct 2020 09:13

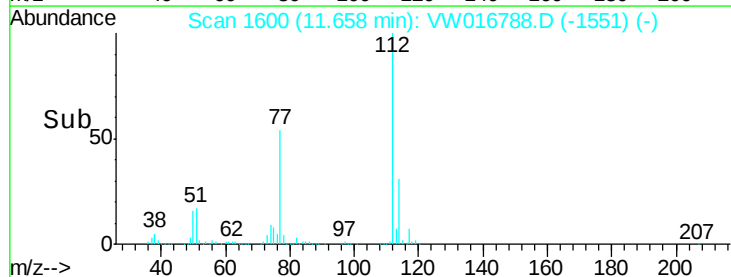
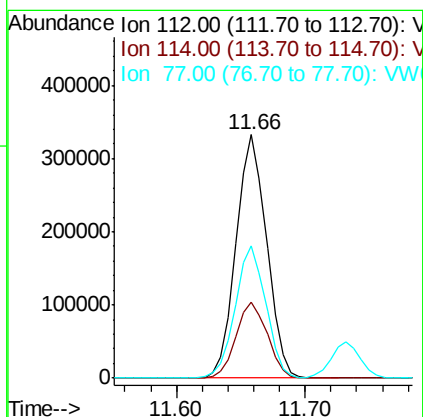
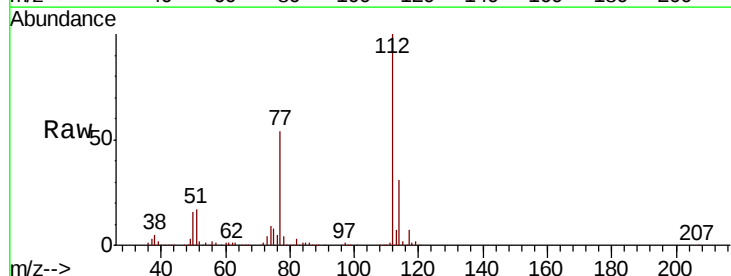
Instrument :
 MSVOA_W
 ClientSampled :

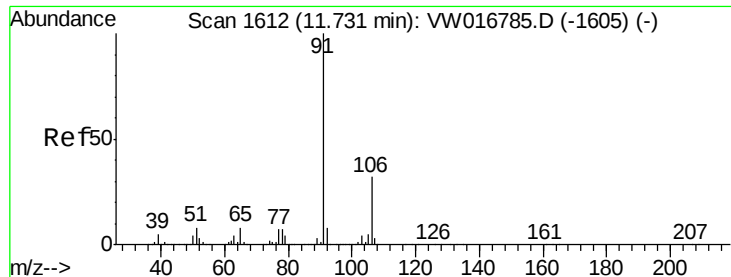
Tot Ion	Ratio	Lower	Upper
107	100		
109	95.0	63.6	118.0
188	4.2	3.3	4.9



#51
 Chlorobenzene
 Concen: 26.722 ug/L
 RT: 11.66 min Scan# 1600
 Delta R.T. 0.00 min
 Lab File: VW016788.D
 Acq: 06 Oct 2020 09:13

Tgt Ion	Ratio	Lower	Upper
112	100		
114	31.3	22.3	41.5
77	54.2	43.6	65.4

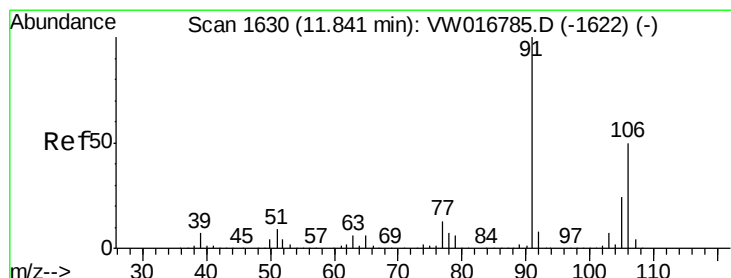
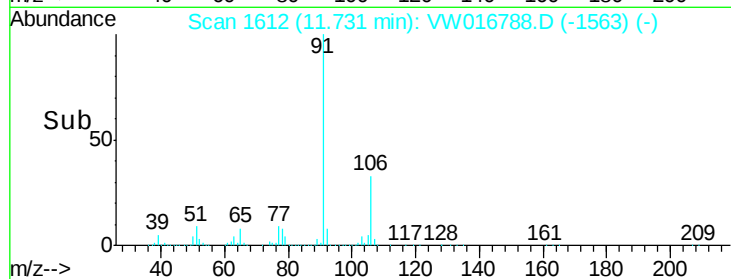
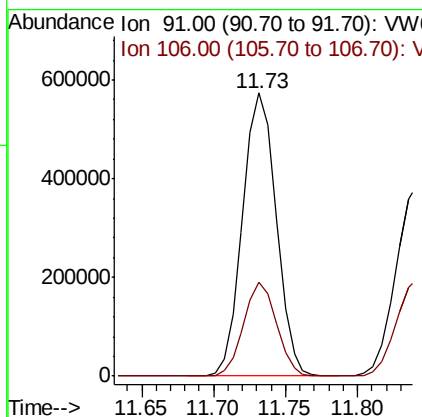
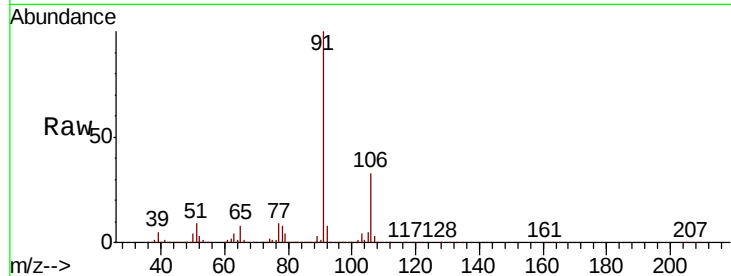




#52
Ethylbenzene
Concen: 27.032 ug/L
RT: 11.73 min Scan# 1612
Delta R.T. 0.00 min
Lab File: VW016788.D
Acq: 06 Oct 2020 09:13

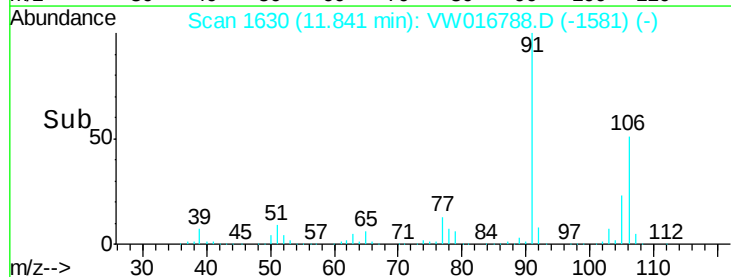
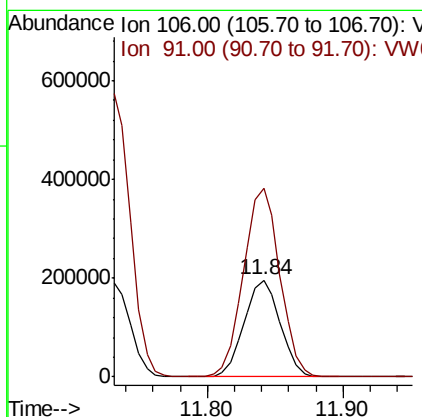
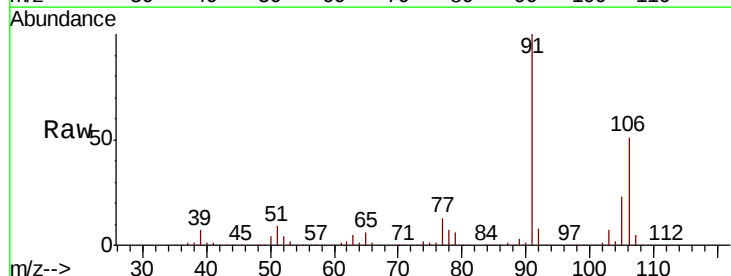
Instrument :
MSVOA_W
ClientSampled :

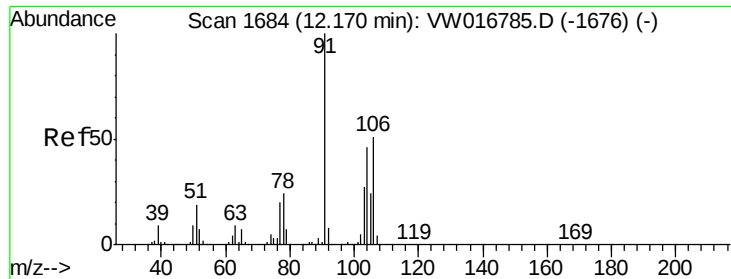
Tot Ion: 91 Resp: 930939
Ion Ratio Lower Upper
91 100
106 33.4 22.3 41.5



#53
m,p-Xylene
Concen: 26.953 ug/L
RT: 11.84 min Scan# 1630
Delta R.T. 0.00 min
Lab File: VW016788.D
Acq: 06 Oct 2020 09:13

Tgt Ion: 106 Resp: 362732
Ion Ratio Lower Upper
106 100
91 194.5 138.7 257.7

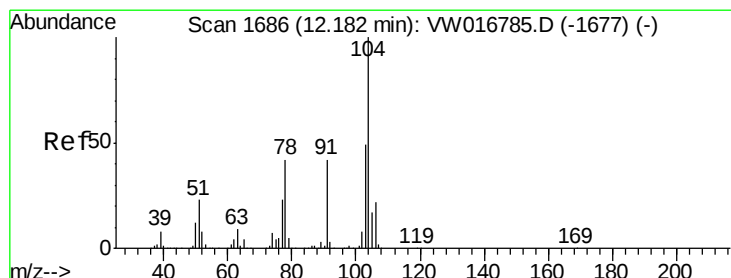
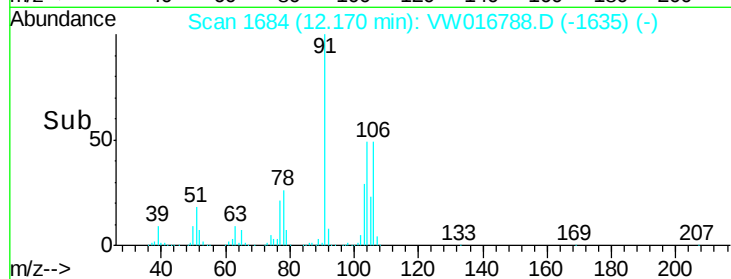
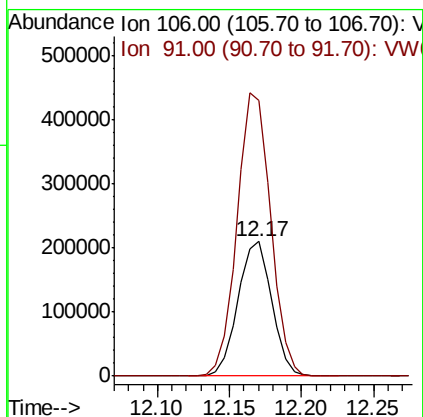
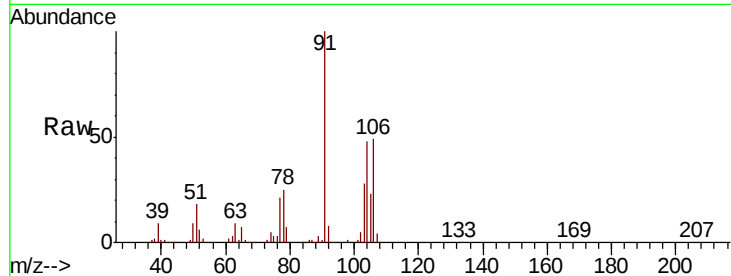




#54
o-Xylene
Concen: 26.936 ug/L
RT: 12.17 min Scan# 1684
Delta R.T. 0.00 min
Lab File: VW016788.D
Acq: 06 Oct 2020 09:13

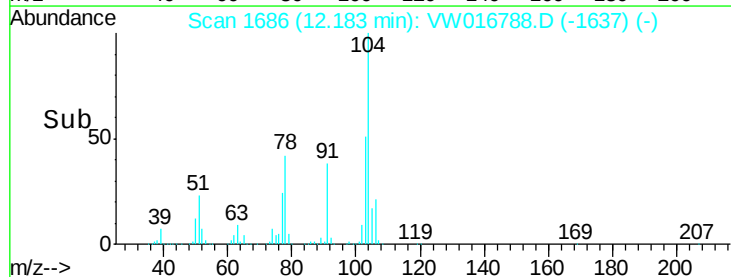
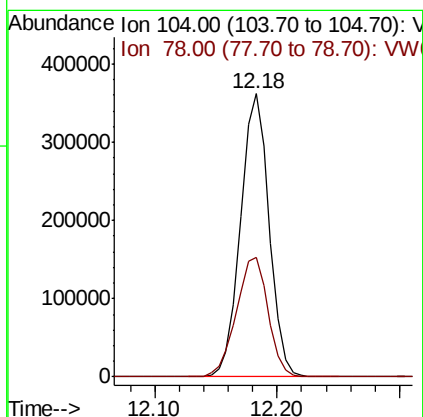
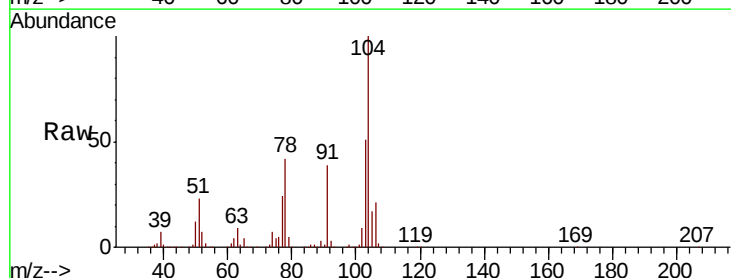
Instrument :
MSVOA_W
ClientSampled :

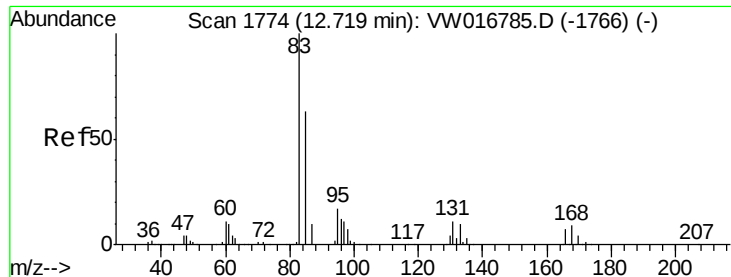
Tot Ion:106 Resp: 343066
Ion Ratio Lower Upper
106 100
91 205.2 136.2 252.9



#55
Styrene
Concen: 27.798 ug/L
RT: 12.18 min Scan# 1686
Delta R.T. 0.00 min
Lab File: VW016788.D
Acq: 06 Oct 2020 09:13

Tgt Ion:104 Resp: 585926
Ion Ratio Lower Upper
104 100
78 42.3 29.5 54.9

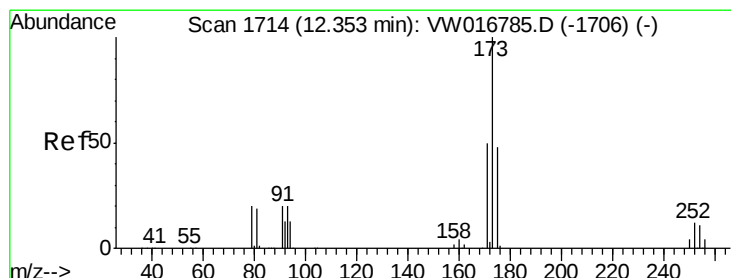
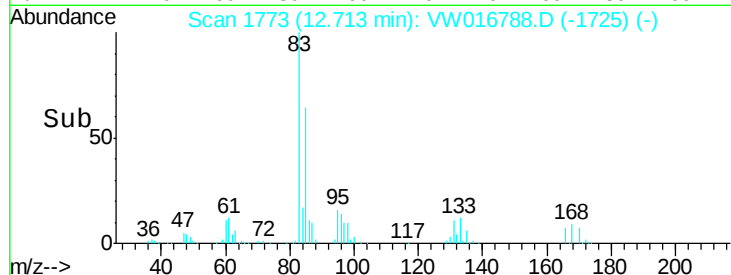
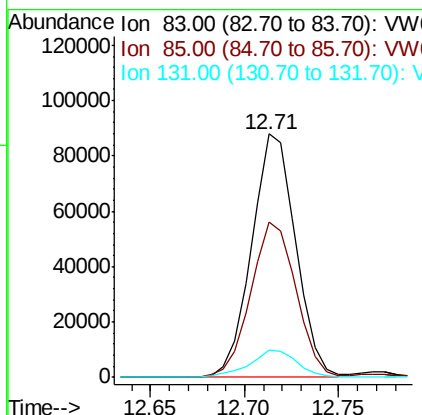
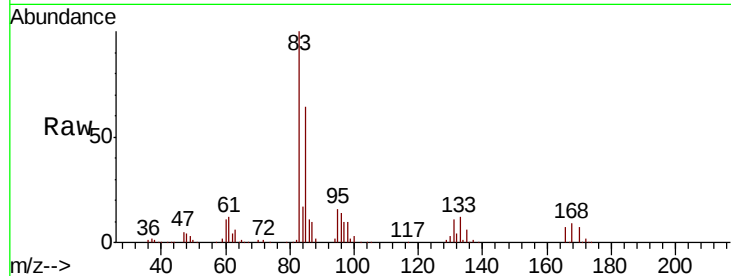




#57
 1,1,2,2-Tetrachloroethane
 Concen: 26.101 ug/L
 RT: 12.71 min Scan# 1773
 Delta R.T. -0.01 min
 Lab File: VW016788.D
 Acq: 06 Oct 2020 09:13

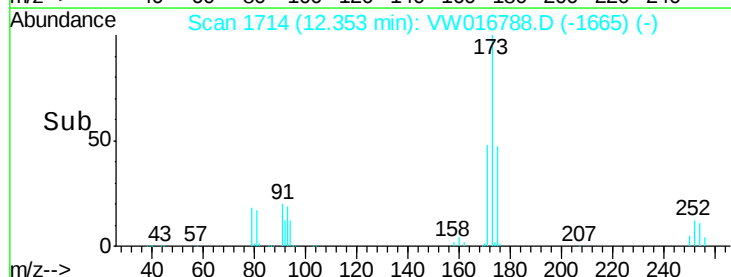
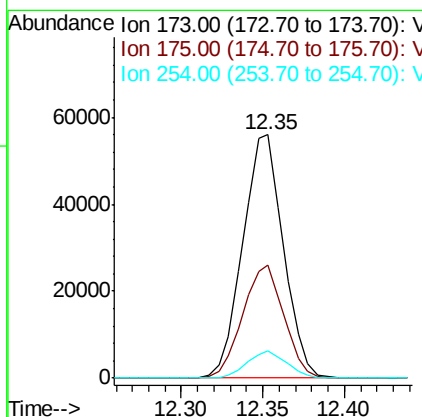
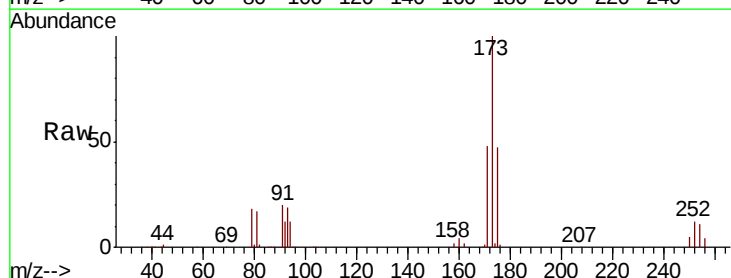
Instrument :
 MSVOA_W
 ClientSampleId :

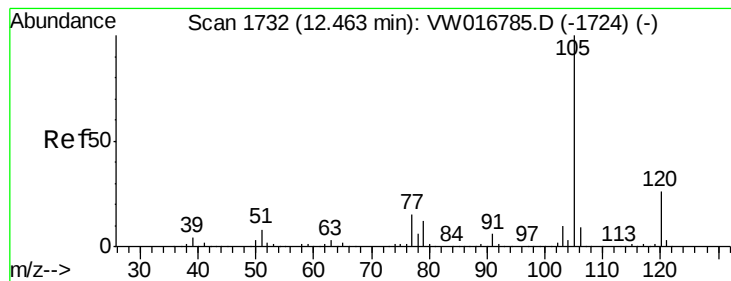
Tot Ion: 83 Resp: 142680
 Ion Ratio Lower Upper
 83 100
 85 63.7 43.9 81.5
 131 11.0 8.8 13.2



#59
 Bromoform
 Concen: 27.392 ug/L
 RT: 12.35 min Scan# 1714
 Delta R.T. 0.00 min
 Lab File: VW016788.D
 Acq: 06 Oct 2020 09:13

Tgt Ion: 173 Resp: 97117
 Ion Ratio Lower Upper
 173 100
 175 46.9 38.5 57.7
 254 10.7 8.2 12.2





#60

Isopropylbenzene

Concen: 28.282 ug/L

RT: 12.46 min Scan# 1732

Delta R.T. 0.00 min

Lab File: VW016788.D

Acq: 06 Oct 2020 09:13

Instrument :

MSVOA_W

ClientSampled :

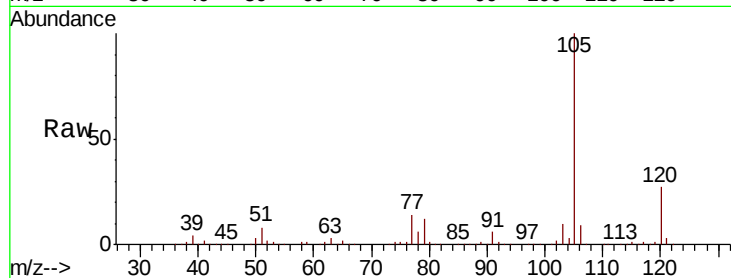
Tot Ion:105 Resp: 949242

Ion Ratio Lower Upper

105 100

120 27.5 21.5 32.3

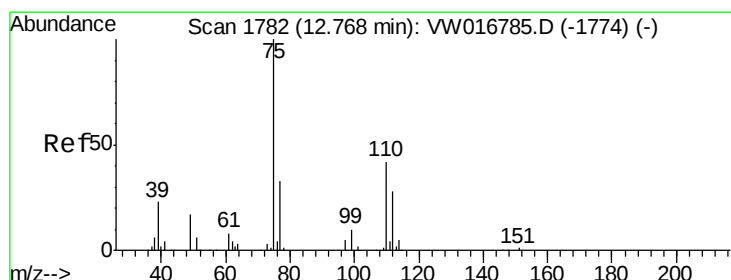
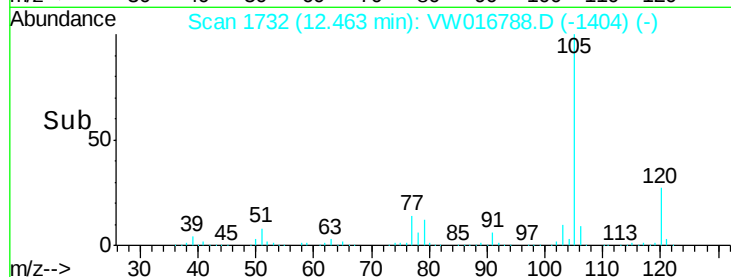
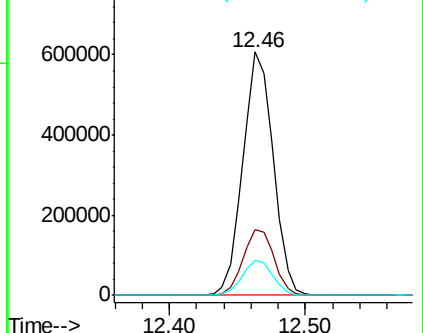
77 14.4 11.8 17.6



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



#61

1,2,3-Trichloropropane

Concen: 26.606 ug/L

RT: 12.77 min Scan# 1782

Delta R.T. 0.00 min

Lab File: VW016788.D

Acq: 06 Oct 2020 09:13

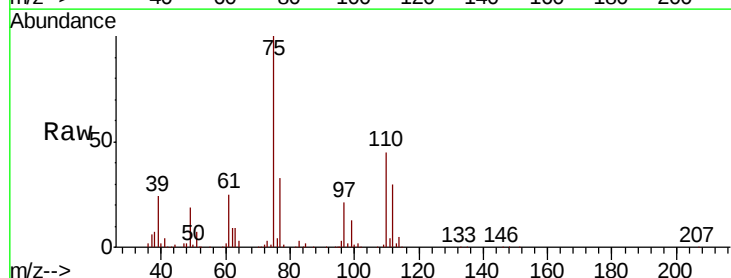
Tgt Ion: 75 Resp: 103137

Ion Ratio Lower Upper

75 100

77 32.6 25.8 38.8

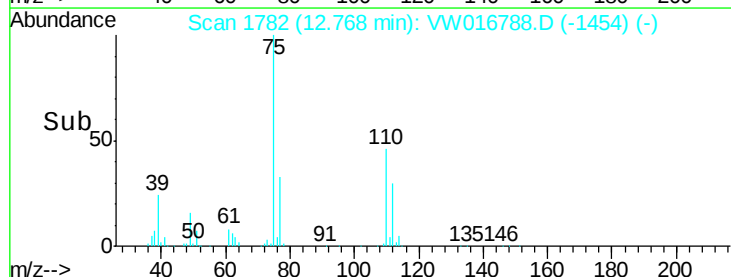
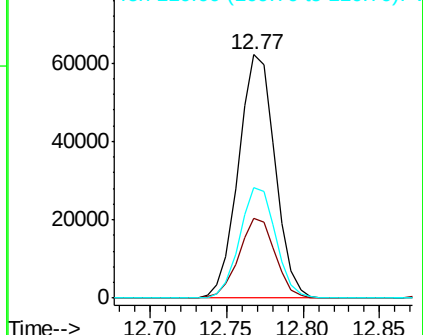
110 44.8 35.1 52.7

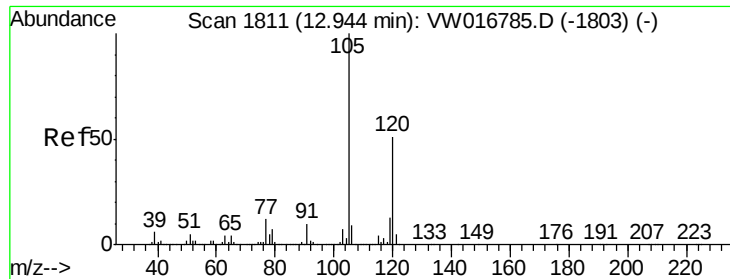


Abundance Ion 75.00 (74.70 to 75.70): VW

Ion 77.00 (76.70 to 77.70): VW

Ion 110.00 (109.70 to 110.70): V





#62

1,3,5-Trimethylbenzene

Concen: 28.310 ug/L

RT: 12.94 min Scan# 1811

Delta R.T. 0.00 min

Lab File: VW016788.D

Acq: 06 Oct 2020 09:13

Instrument :

MSVOA_W

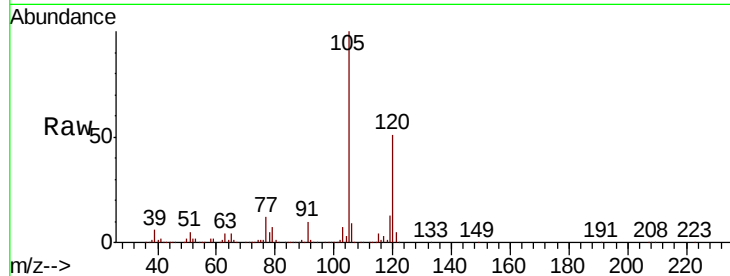
ClientSampleId :

Tot Ion:105 Resp: 784370

Ion Ratio Lower Upper

105 100

120 50.6 41.0 61.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

12.94

600000

500000

400000

300000

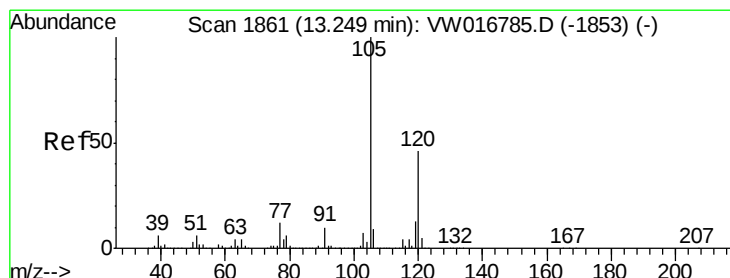
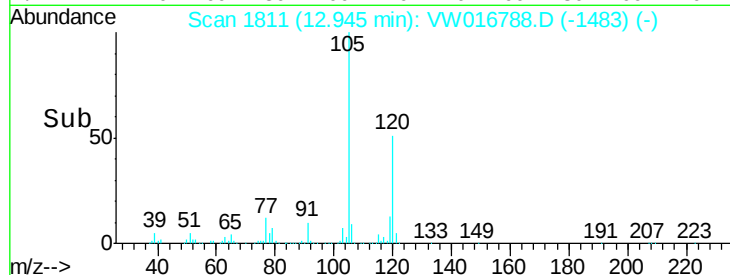
200000

100000

0

Time-->

12.90 12.95 13.00



#63

1,2,4-Trimethylbenzene

Concen: 28.625 ug/L

RT: 13.25 min Scan# 1861

Delta R.T. 0.00 min

Lab File: VW016788.D

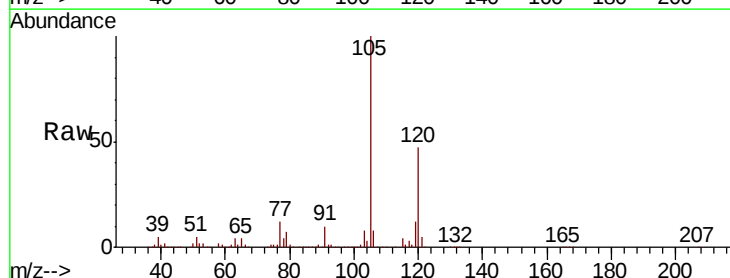
Acq: 06 Oct 2020 09:13

Tgt Ion:105 Resp: 745396

Ion Ratio Lower Upper

105 100

120 47.0 37.9 56.9



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

13.25

600000

500000

400000

300000

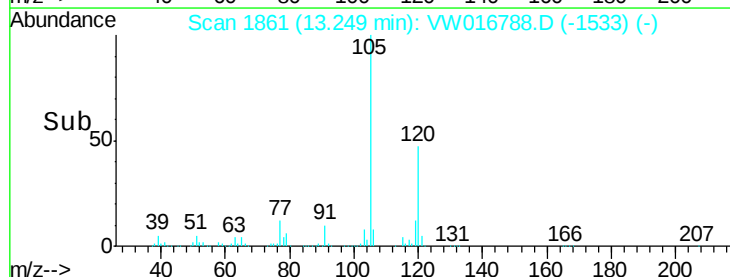
200000

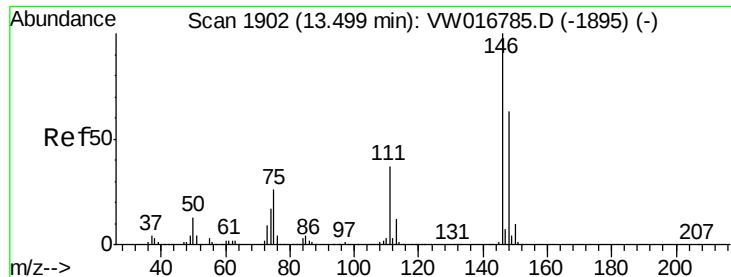
100000

0

Time-->

13.20 13.25 13.30

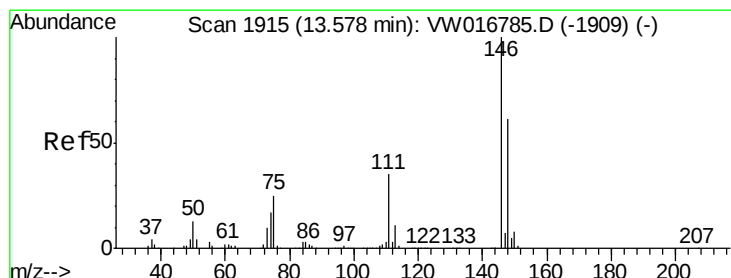
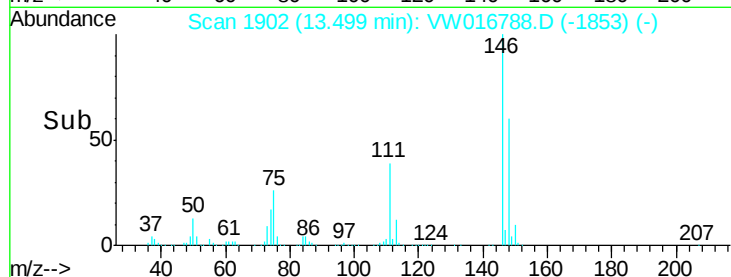
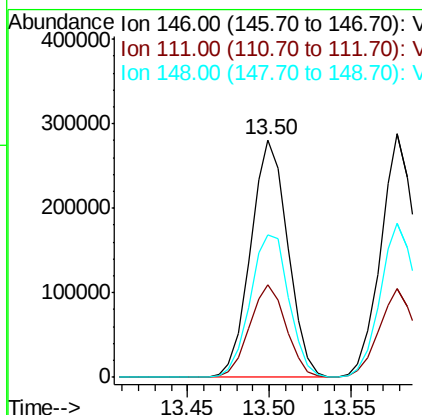
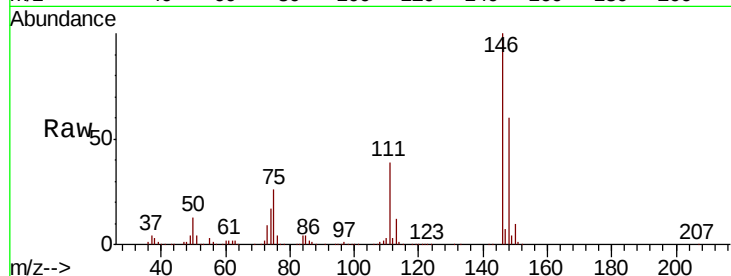




#64
 1,3-Dichlorobenzene
 Concen: 27.575 ug/L
 RT: 13.50 min Scan# 1902
 Delta R.T. 0.00 min
 Lab File: VW016788.D
 Acq: 06 Oct 2020 09:13

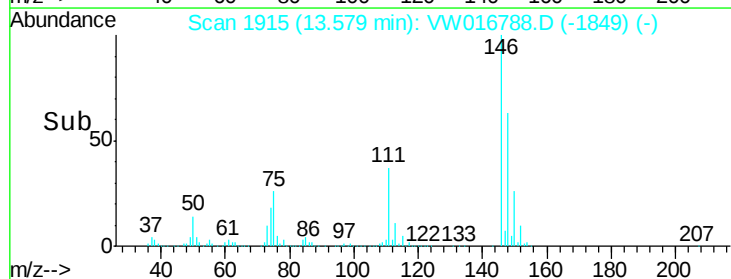
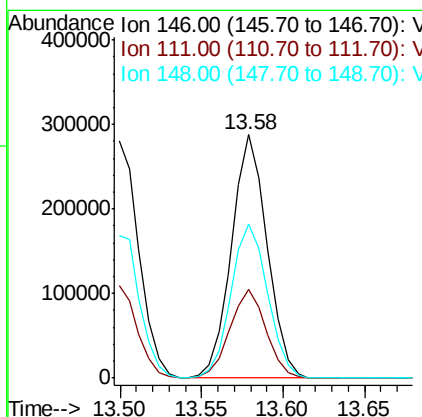
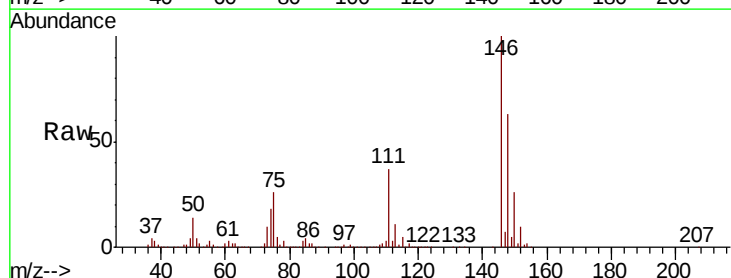
Instrument :
 MSVOA_W
 ClientSampleId :

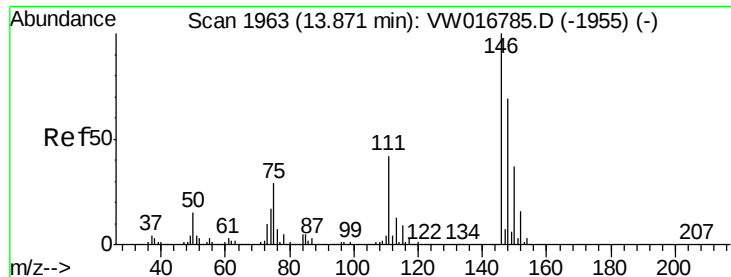
Tot Ion	Ratio	Lower	Upper
146	100		
111	38.9	26.2	48.6
148	59.7	43.8	81.4



#65
 1,4-Dichlorobenzene
 Concen: 27.394 ug/L
 RT: 13.58 min Scan# 1915
 Delta R.T. 0.00 min
 Lab File: VW016788.D
 Acq: 06 Oct 2020 09:13

Tgt Ion	Ratio	Lower	Upper
146	100		
111	36.5	24.6	45.8
148	63.3	43.0	79.8

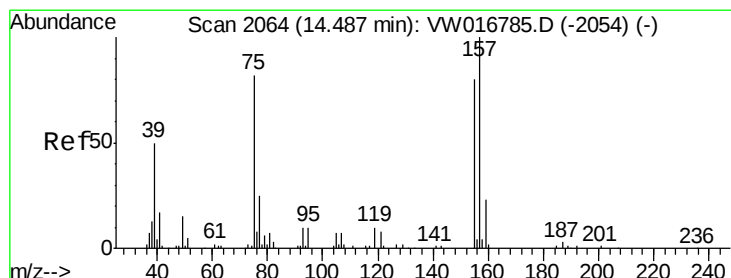
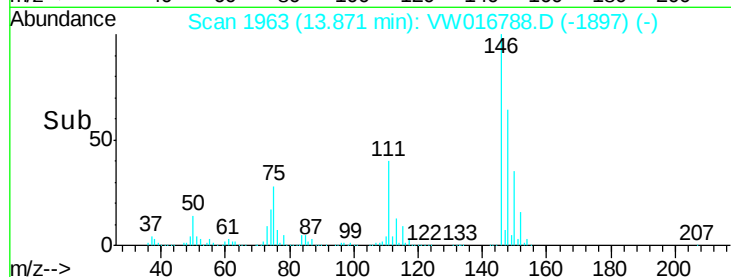
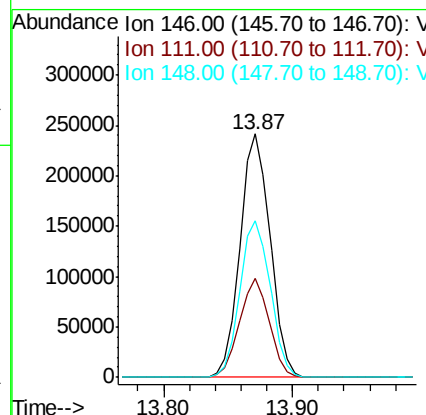
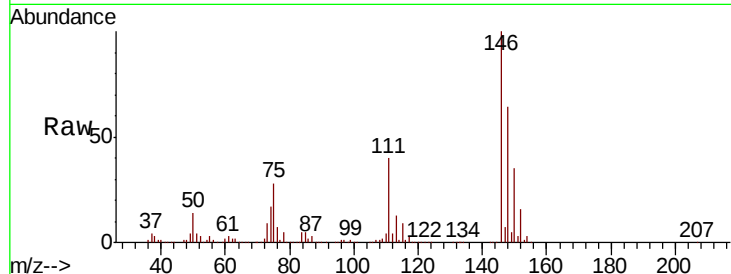




#67
 1,2-Dichlorobenzene
 Concen: 28.022 ug/L
 RT: 13.87 min Scan# 1963
 Delta R.T. 0.00 min
 Lab File: VW016788.D
 Acq: 06 Oct 2020 09:13

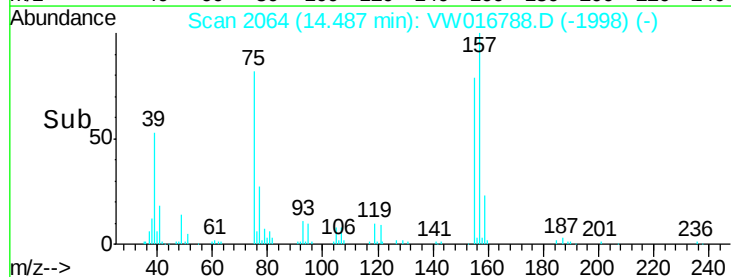
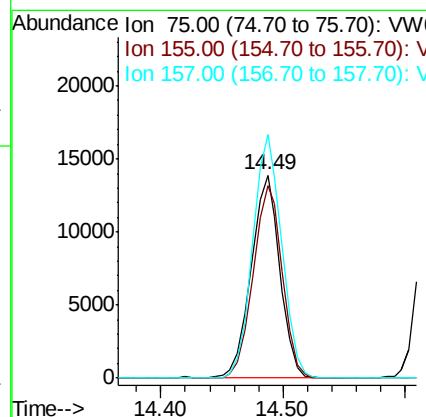
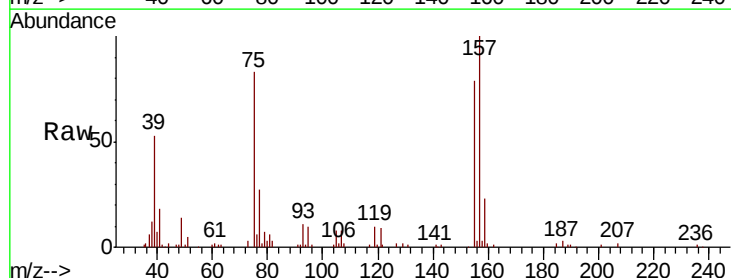
Instrument :
 MSVOA_W
 ClientSampleId :

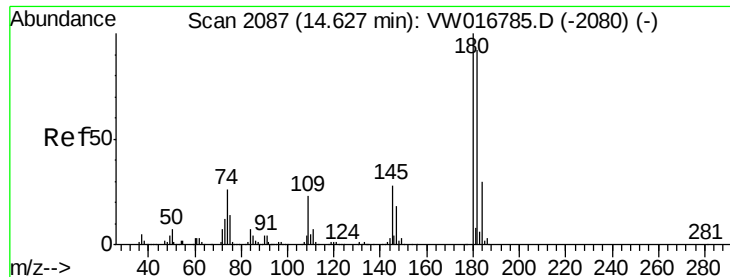
Tot Ion	Ratio	Lower	Upper
146	100		
111	40.4	33.6	50.4
148	64.1	54.9	82.3



#68
 1,2-Dibromo-3-chloropropane
 Concen: 27.984 ug/L
 RT: 14.49 min Scan# 2064
 Delta R.T. 0.00 min
 Lab File: VW016788.D
 Acq: 06 Oct 2020 09:13

Tgt Ion	Ratio	Lower	Upper
75	100		
155	94.9	77.4	116.2
157	120.1	97.2	145.8

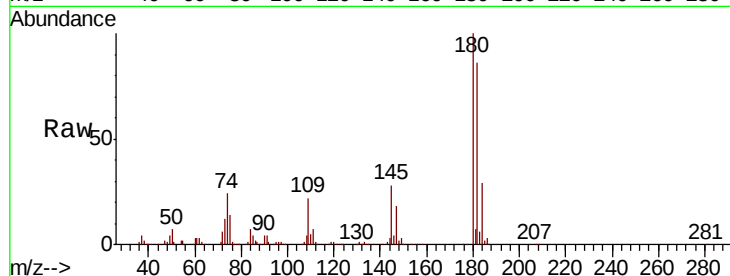




#69
 1,3,5-Trichlorobenzene
 Concen: 29.116 ug/L
 RT: 14.63 min Scan# 2087
 Delta R.T. 0.00 min
 Lab File: VW016788.D
 Acq: 06 Oct 2020 09:13

Instrument :
 MSVOA_W
 ClientSampleId :

Tot Ion	180	Resp	347586
Ion Ratio	100	Lower	Upper
180	100		
182	91.0	77.3	115.9
184	29.3	24.6	36.8
145	28.0	22.7	34.1

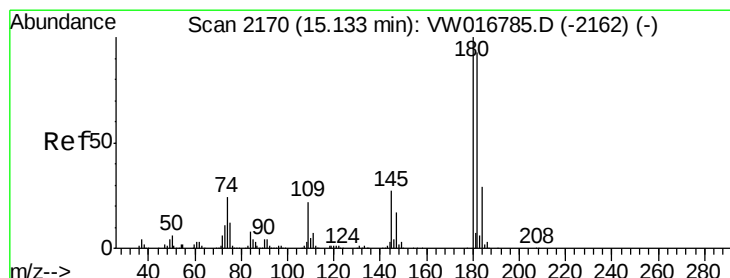
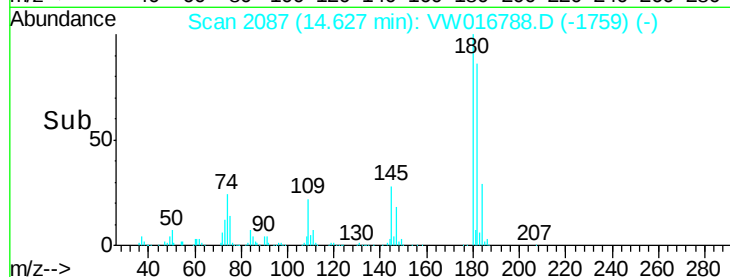
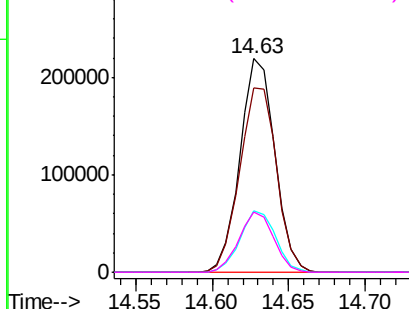


Abundance Ion 180.00 (179.70 to 180.70): V

Ion 182.00 (181.70 to 182.70): V

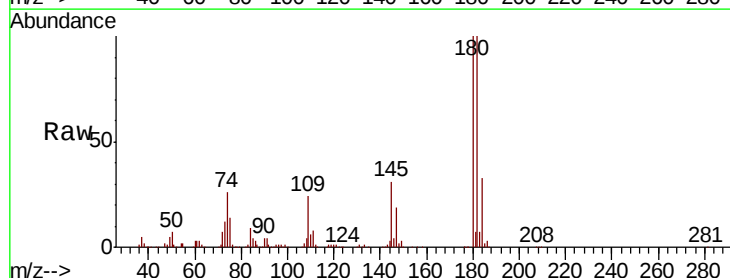
Ion 184.00 (183.70 to 184.70): V

Ion 145.00 (144.70 to 145.70): V



#70
 1,2,4-trichlorobenzene
 Concen: 28.208 ug/L
 RT: 15.13 min Scan# 2170
 Delta R.T. 0.00 min
 Lab File: VW016788.D
 Acq: 06 Oct 2020 09:13

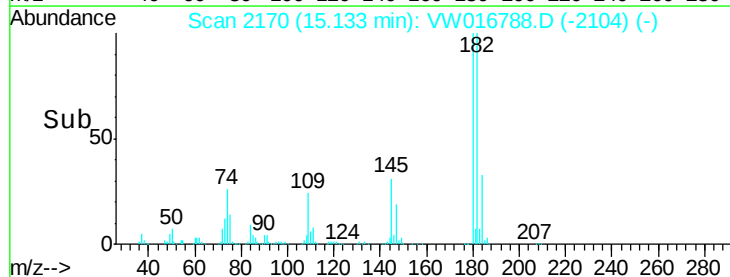
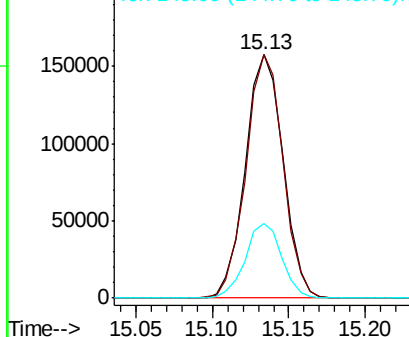
Tgt Ion	180	Resp	270932
Ion Ratio	100	Lower	Upper
180	100		
182	97.7	74.7	112.1
145	29.6	23.0	34.4

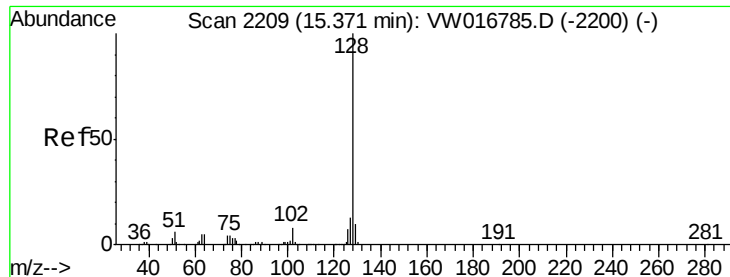


Abundance Ion 180.00 (179.70 to 180.70): V

Ion 182.00 (181.70 to 182.70): V

Ion 145.00 (144.70 to 145.70): V

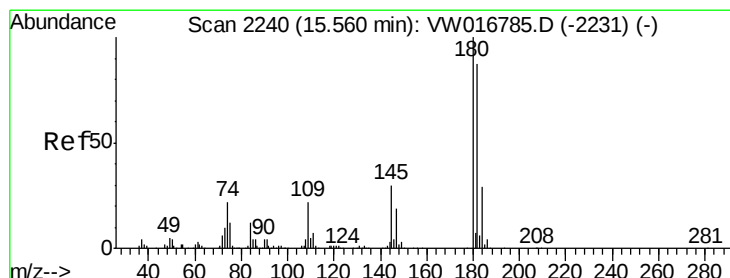
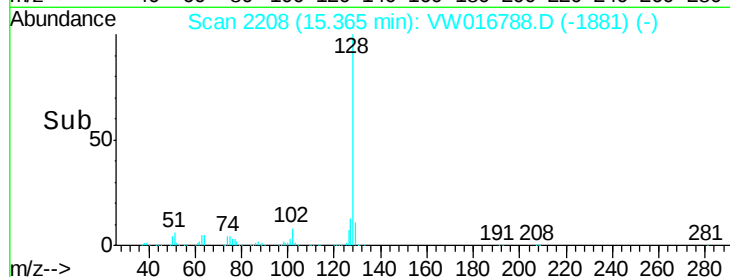
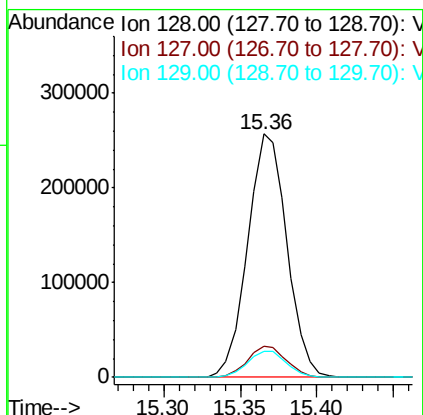
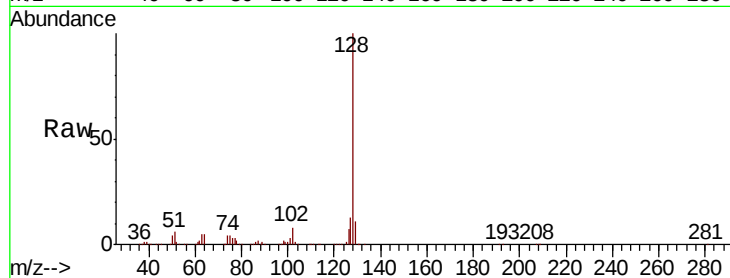




#71
Naphthalene
Concen: 29.878 ug/L
RT: 15.36 min Scan# 2208
Delta R.T. -0.01 min
Lab File: VW016788.D
Acq: 06 Oct 2020 09:13

Instrument :
MSVOA_W
ClientSampleId :

Tot Ion:128 Resp: 458176
Ion Ratio Lower Upper
128 100
127 12.7 10.3 15.5
129 10.8 8.7 13.1



#72
1,2,3-Trichlorobenzene
Concen: 29.292 ug/L
RT: 15.55 min Scan# 2239
Delta R.T. -0.01 min
Lab File: VW016788.D
Acq: 06 Oct 2020 09:13

Tgt Ion:180 Resp: 239377
Ion Ratio Lower Upper
180 100
182 92.2 74.4 111.6
145 30.5 25.5 38.3

