

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW100220\
 Data File : VW016750.D
 Acq On : 02 Oct 2020 09:19
 Operator : SY/VA
 Sample : VSTDCCC025
 Misc : 5.00G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Oct 03 04:50:41 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM091520S.M
 Quant Title : VOC Analysis
 QLast Update : Sat Oct 03 02:28:24 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	603574	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	546821	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	277485	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.37	65	105837	18.12	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	72.48%
7) Chloroethane-d5	2.90	69	101171	21.21	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	84.84%
10) 1,1-Dichloroethene-d2	4.03	63	265026	20.29	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	81.16%
20) 2-Butanone-d5	7.09	46	72074	45.25	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	90.50%
24) Chloroform-d	7.65	84	327546	25.94	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	103.76%
26) 1,2-Dichloroethane-d4	8.31	65	153975	23.76	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	95.04%
29) Benzene-d6	8.28	84	548921	22.38	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	89.52%
33) 1,2-Dichloropropane-d6	9.27	67	168398	25.34	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	101.36%
37) Toluene-d8	10.32	98	493711	20.46	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	81.84%
38) trans-1,3-Dichloropropene-	10.58	79	72836	21.74	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	86.96%
39) 2-Hexanone-d5	10.93	63	61419	50.81	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	101.62%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	149822	26.49	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	105.96%
61) 1,2-Dichlorobenzene-d4	13.85	152	227630	25.67	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	102.68%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	2.03	85	187360	25.128	ug/L 100
3) Chloromethane	2.23	50	150590	27.602	ug/L 97
5) Vinyl chloride	2.37	62	220774	27.422	ug/L 99
6) Bromomethane	2.79	94	148213	24.261	ug/L 99
8) Chloroethane	2.94	64	129924	27.279	ug/L 99
9) Trichlorofluoromethane	3.27	101	184873	22.775	ug/L 99
11) 1,1,2-Trichloro-1,2,2-trif	4.08	101	211326	27.175	ug/L 98
12) 1,1-Dichloroethene	4.05	96	204752	26.782	ug/L 94
13) Acetone	4.15	43	46780	37.492	ug/L 97
14) Carbon disulfide	4.40	76	564545	24.476	ug/L 98
15) Methyl Acetate	4.68	43	59524	20.951	ug/L 98
16) Methylene chloride	4.93	84	199351	21.415	ug/L 99
17) Methyl tert-butyl Ether	5.43	73	235916	22.529	ug/L 97
18) trans-1,2-Dichloroethene	5.43	96	213968	27.026	ug/L 96
19) 1,1-Dichloroethane	6.22	63	334775	26.738	ug/L 98
21) 2-Butanone	7.18	43	77517	36.518	ug/L 96
22) cis-1,2-Dichloroethene	7.17	96	224952	27.384	ug/L 98

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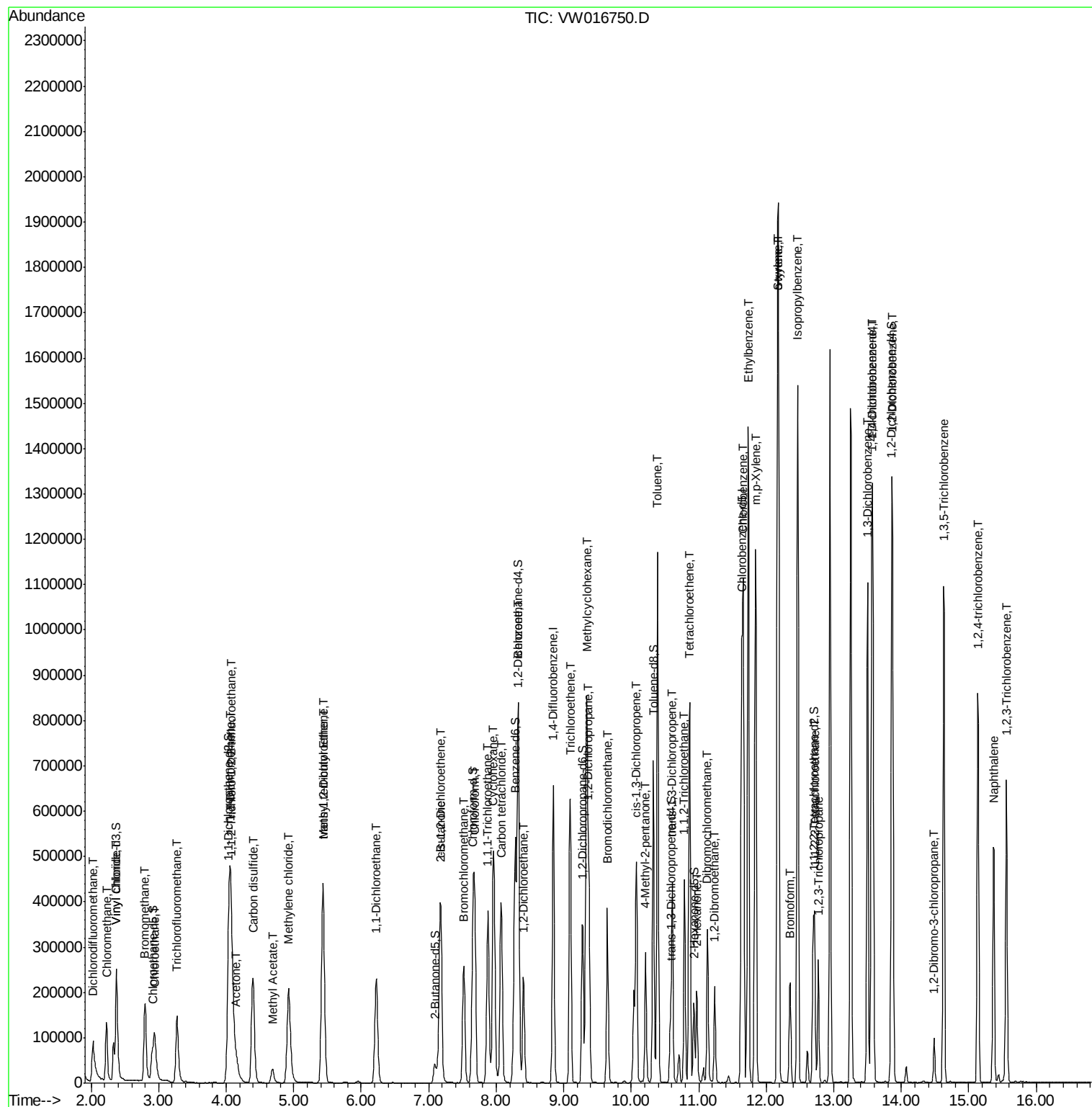
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	7.52	128	103015	25.795	ug/L	94
25) Chloroform	7.68	83	368849	27.020	ug/L	99
27) 1,2-Dichloroethane	8.40	62	214152	24.450	ug/L	100
30) Cyclohexane	7.96	56	302640	25.326	ug/L	99
31) 1,1,1-Trichloroethane	7.88	97	322148	25.225	ug/L	98
32) Carbon tetrachloride	8.07	117	319978	25.789	ug/L	97
34) Benzene	8.33	78	793550	27.075	ug/L	100
35) Trichloroethene	9.09	95	225177	26.555	ug/L	99
36) Methylcyclohexane	9.34	83	376466	26.174	ug/L	99
40) 1,2-Dichloropropane	9.37	63	181966	26.694	ug/L	100
41) Bromodichloromethane	9.65	83	258629	25.603	ug/L	94
42) cis-1,3-Dichloropropene	10.07	75	293421	25.200	ug/L	98
43) 4-Methyl-2-pentanone	10.21	43	171868	39.684	ug/L	96
44) Toluene	10.39	91	884335	26.833	ug/L	96
45) trans-1,3-Dichloropropene	10.61	75	247737	24.455	ug/L	99
46) 1,1,2-Trichloroethane	10.79	97	143570	25.000	ug/L	98
47) Tetrachloroethene	10.87	164	202444	26.439	ug/L	90
49) 2-Hexanone	10.97	43	118466	43.100	ug/L	98
50) Dibromochloromethane	11.13	129	188824	25.184	ug/L	99
51) 1,2-Dibromoethane	11.24	107	138782	24.137	ug/L #	92
52) Chlorobenzene	11.66	112	593825	26.825	ug/L	100
53) Ethylbenzene	11.73	91	1009529	26.980	ug/L	98
54) m,p-Xylene	11.84	106	397569	27.135	ug/L	99
55) o-xylene	12.16	106	373247	26.591	ug/L	98
56) Styrene	12.18	104	629077	26.990	ug/L	97
57) Isopropylbenzene	12.46	105	1034291	26.967	ug/L	99
58) 1,1,1,2,2-Tetrachloroethane	12.71	83	155954	24.285	ug/L	98
59) 1,2,3-Trichloropropane	12.77	75	112355	23.490	ug/L	100
62) Bromoform	12.35	173	106271	22.706	ug/L	99
63) 1,3-Dichlorobenzene	13.50	146	473460	26.232	ug/L	96
64) 1,4-Dichlorobenzene	13.58	146	470162	26.600	ug/L	95
65) 1,2-Dichlorobenzene	13.87	146	420679	26.085	ug/L	98
66) 1,2-Dibromo-3-chloropropan	14.49	75	23597	20.413	ug/L	91
67) 1,3,5-Trichlorobenzene	14.63	180	364624	27.623	ug/L	97
68) 1,2,4-trichlorobenzene	15.13	180	290623	27.217	ug/L	97
69) Naphthalene	15.37	128	477365	25.219	ug/L	99
70) 1,2,3-Trichlorobenzene	15.55	180	245550	26.738	ug/L	98

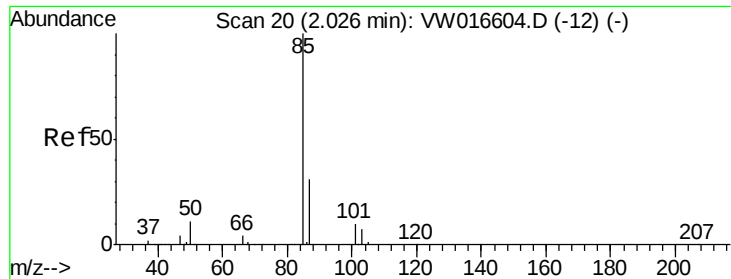
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#2

Dichlorodifluoromethane

Concen: 25.128 ug/L

RT: 2.03 min Scan# 20

Delta R.T. 0.00 min

Lab File: VW016750.D

Acq: 02 Oct 2020 09:19

Instrument :

MSVOA_W

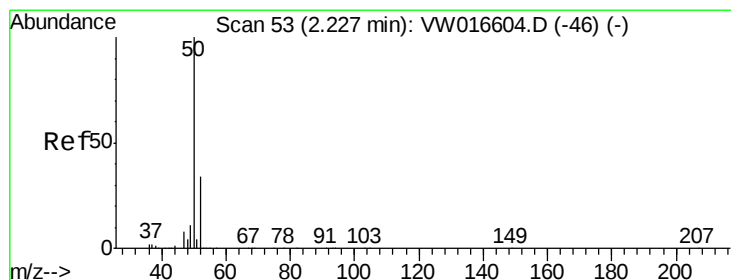
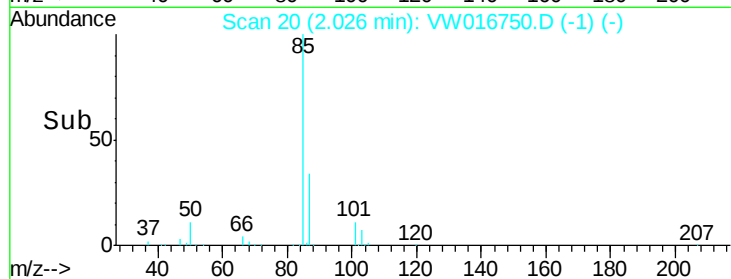
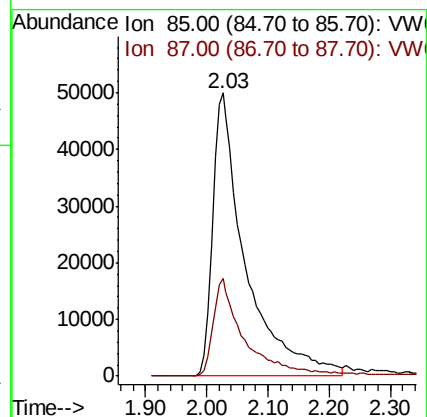
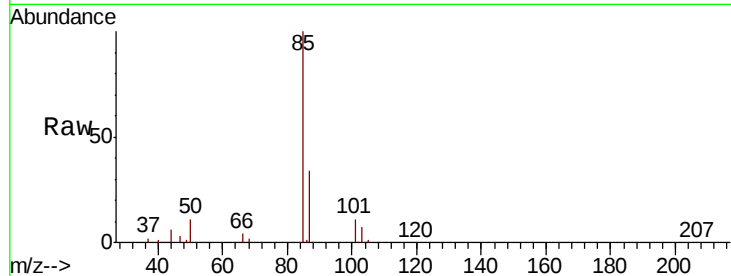
ClientSampled :

Tot Ion: 85 Resp: 187360

Ion Ratio Lower Upper

85 100

87 31.8 22.2 41.2



#3

Chloromethane

Concen: 27.602 ug/L

RT: 2.23 min Scan# 53

Delta R.T. 0.00 min

Lab File: VW016750.D

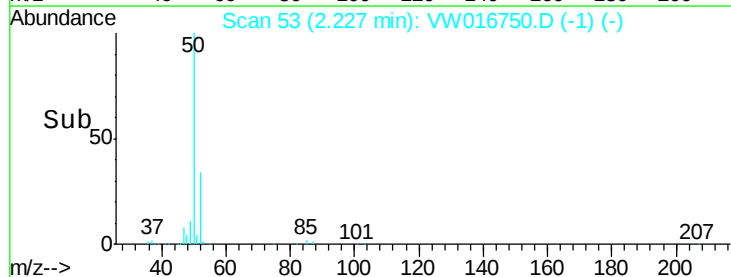
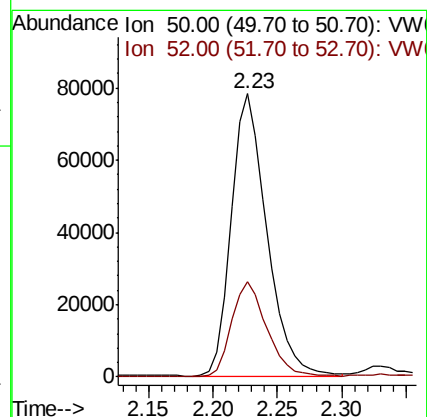
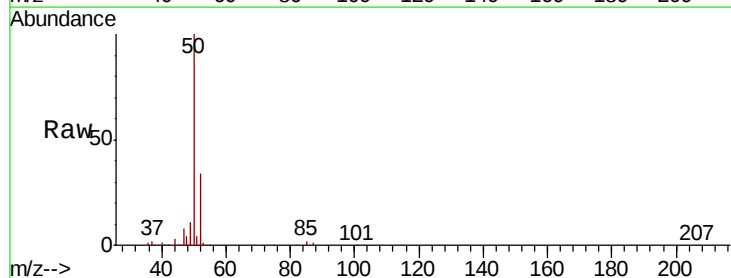
Acq: 02 Oct 2020 09:19

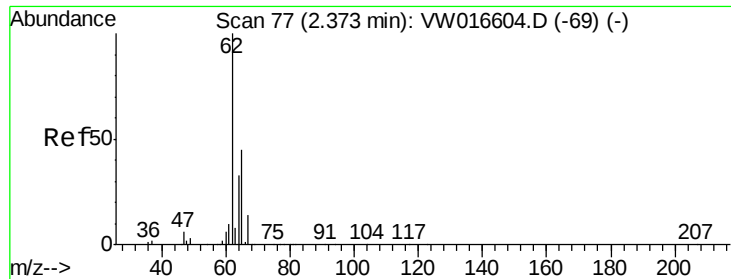
Tgt Ion: 50 Resp: 150590

Ion Ratio Lower Upper

50 100

52 33.8 22.4 41.6





#5

Vinyl chloride

Concen: 27.422 ug/L

RT: 2.37 min Scan# 77

Delta R.T. -0.01 min

Lab File: VW016750.D

Acq: 02 Oct 2020 09:19

Instrument :

MSVOA_W

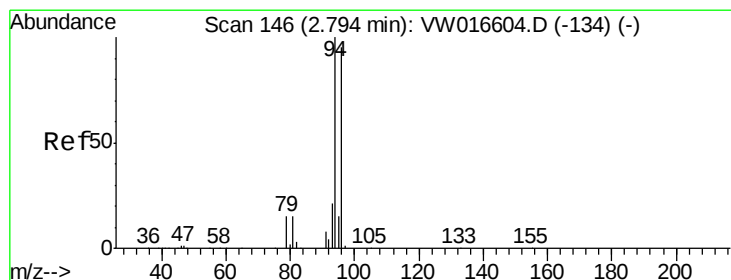
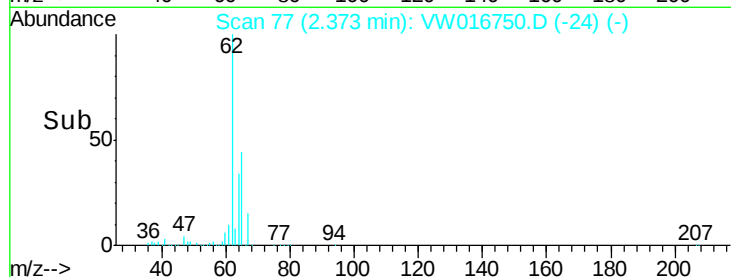
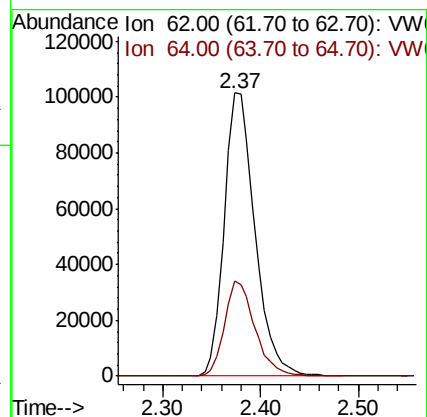
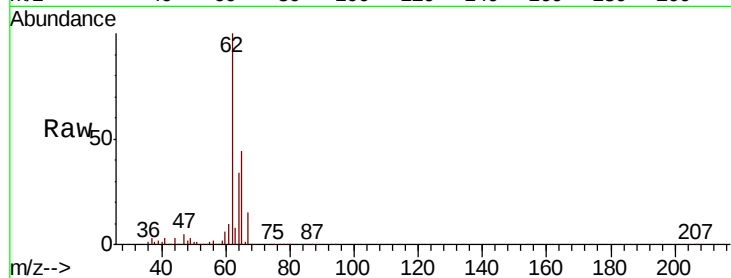
ClientSampleId :

Tot Ion: 62 Resp: 220774

Ion Ratio Lower Upper

62 100

64 33.7 23.4 43.4



#6

Bromomethane

Concen: 24.261 ug/L

RT: 2.79 min Scan# 146

Delta R.T. -0.01 min

Lab File: VW016750.D

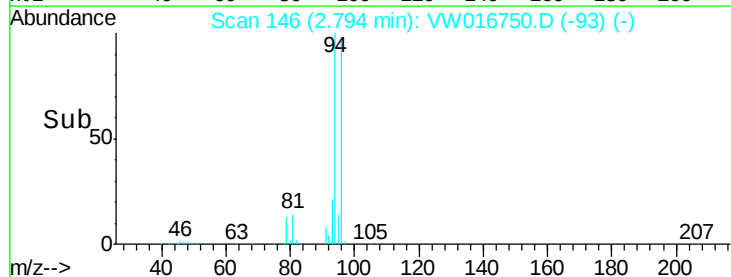
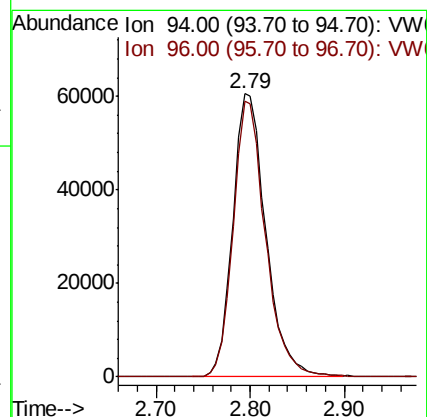
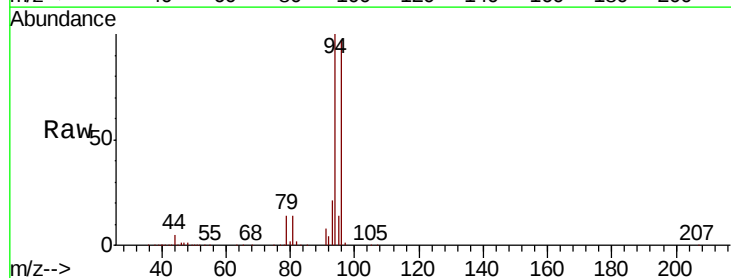
Acq: 02 Oct 2020 09:19

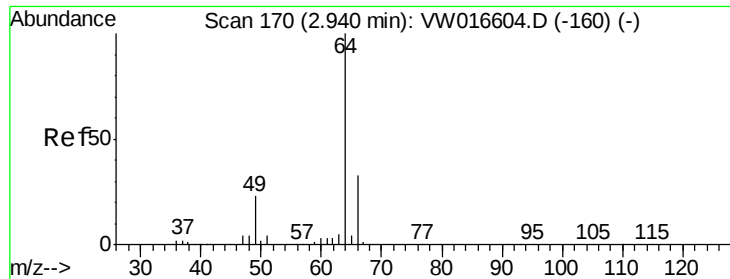
Tgt Ion: 94 Resp: 148213

Ion Ratio Lower Upper

94 100

96 94.9 9.6 181.6





#8

Chloroethane

Concen: 27.279 ug/L

RT: 2.94 min Scan# 170

Delta R.T. 0.00 min

Lab File: VW016750.D

Acq: 02 Oct 2020 09:19

Instrument :

MSVOA_W

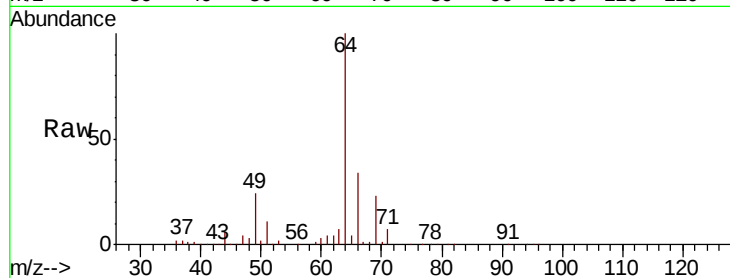
ClientSampleId :

Tot Ion: 64 Resp: 129924

Ion Ratio Lower Upper

64 100

66 33.6 23.2 43.2



Abundance Ion 64.00 (63.70 to 64.70): VW

Ion 66.00 (65.70 to 66.70): VW

2.94

50000

40000

30000

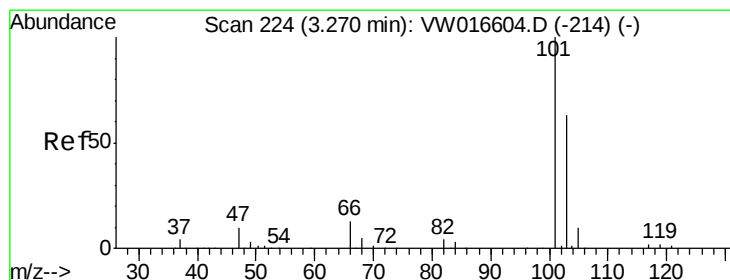
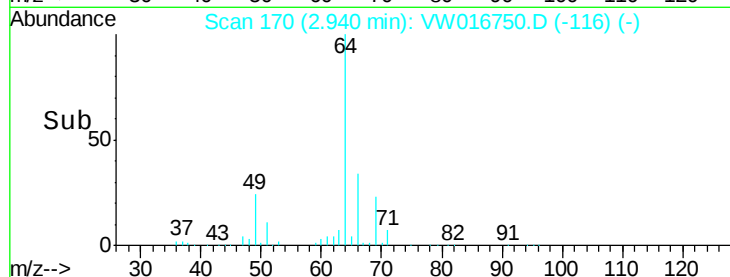
20000

10000

0

Time-->

2.80 2.90 3.00 3.10



#9

Trichlorofluoromethane

Concen: 22.775 ug/L

RT: 3.27 min Scan# 224

Delta R.T. -0.01 min

Lab File: VW016750.D

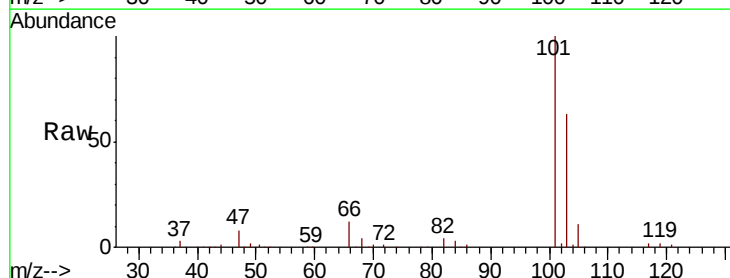
Acq: 02 Oct 2020 09:19

Tgt Ion:101 Resp: 184873

Ion Ratio Lower Upper

101 100

103 64.0 45.2 84.0



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 103.00 (102.70 to 103.70): V

3.27

80000

60000

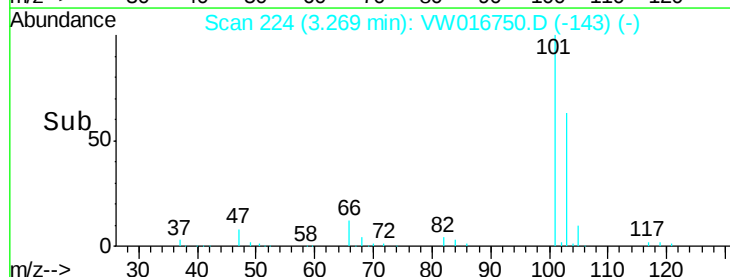
40000

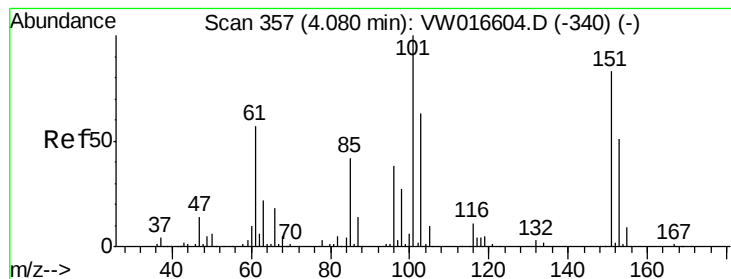
20000

0

Time-->

3.20 3.30 3.40





#11

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

Concen: 27.175 ug/L

RT: 4.08 min Scan# 357

Delta R.T. 0.01 min

Lab File: VW016750.D

Acq: 02 Oct 2020 09:19

Instrument :

MSVOA_W

ClientSampleId :

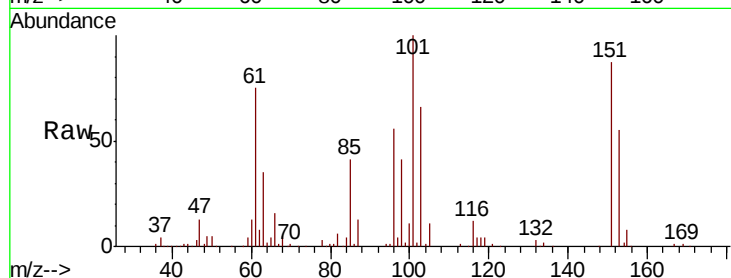
Tot Ion:101 Resp: 211326

Ion Ratio Lower Upper

101 100

85 41.6 32.6 49.0

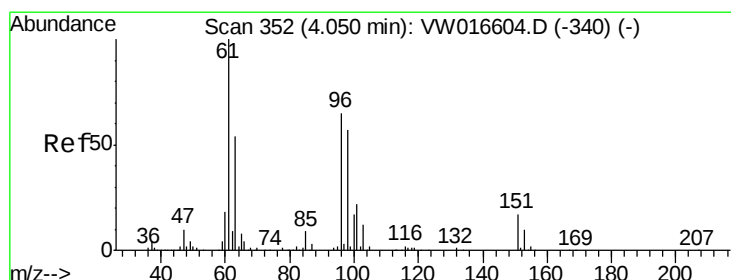
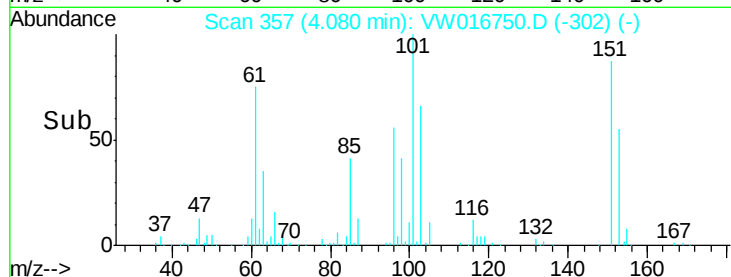
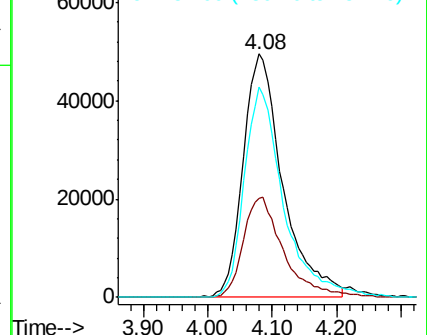
151 85.3 66.0 99.0



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: 26.782 ug/L

RT: 4.05 min Scan# 352

Delta R.T. 0.00 min

Lab File: VW016750.D

Acq: 02 Oct 2020 09:19

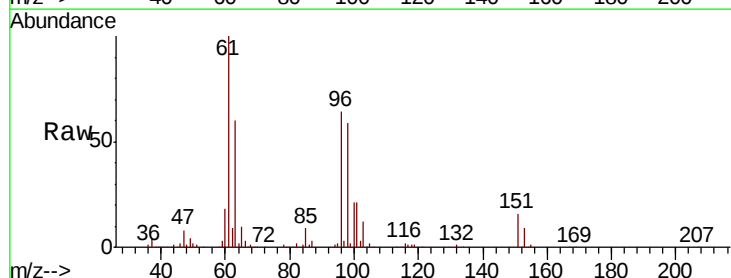
Tgt Ion: 96 Resp: 204752

Ion Ratio Lower Upper

96 100

61 155.5 111.4 206.8

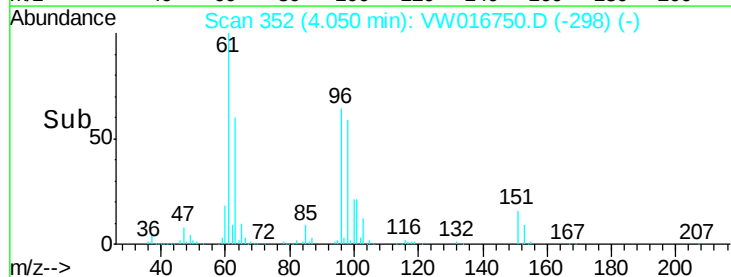
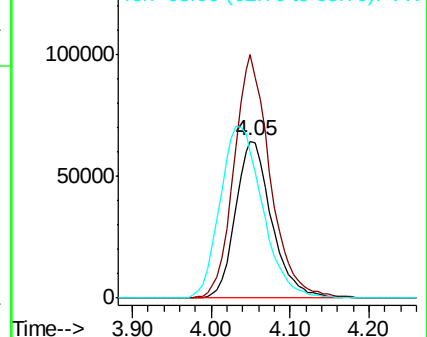
63 93.9 73.0 135.6

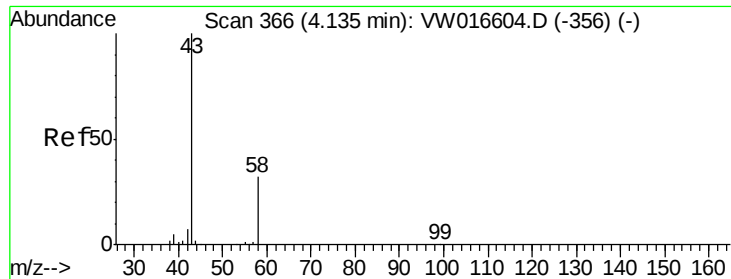


Abundance Ion 96.00 (95.70 to 96.70): VW

Ion 61.00 (60.70 to 61.70): VW

Ion 63.00 (62.70 to 63.70): VW





#13

Acetone

Concen: 37.492 ug/L

RT: 4.15 min Scan# 369

Delta R.T. 0.00 min

Lab File: VW016750.D

Acq: 02 Oct 2020 09:19

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MSVOA_W

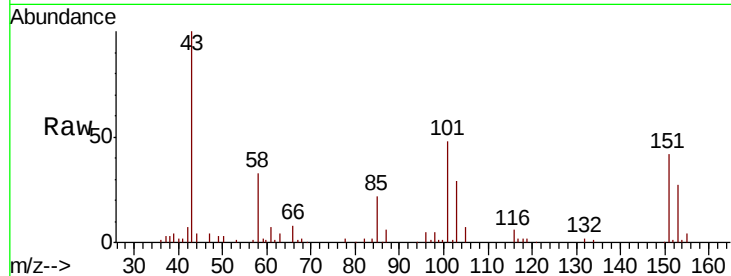
ClientSampled :

Tot Ion: 43 Resp: 46780

Ion Ratio Lower Upper

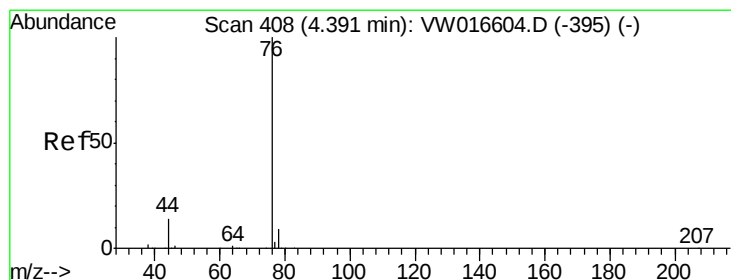
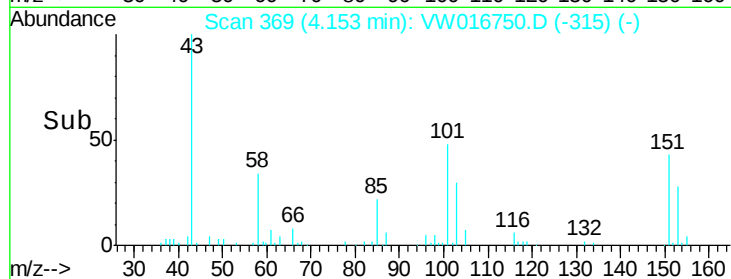
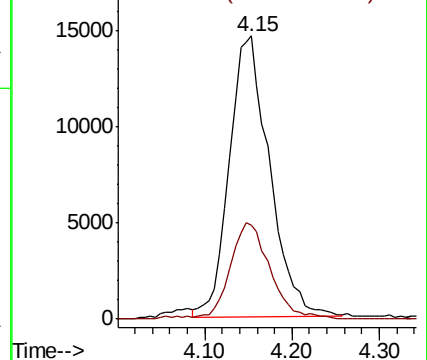
43 100

58 31.5 0.0 60.2



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



#14

Carbon disulfide

Concen: 24.476 ug/L

RT: 4.40 min Scan# 409

Delta R.T. 0.00 min

Lab File: VW016750.D

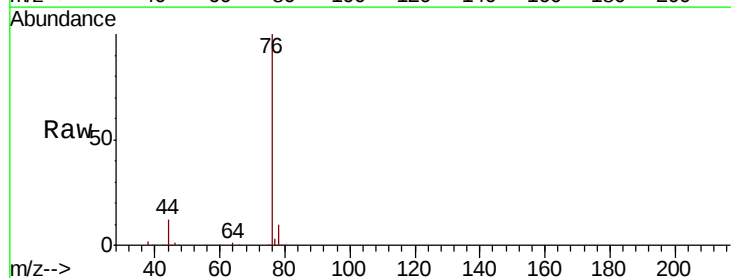
Acq: 02 Oct 2020 09:19

Tgt Ion: 76 Resp: 564545

Ion Ratio Lower Upper

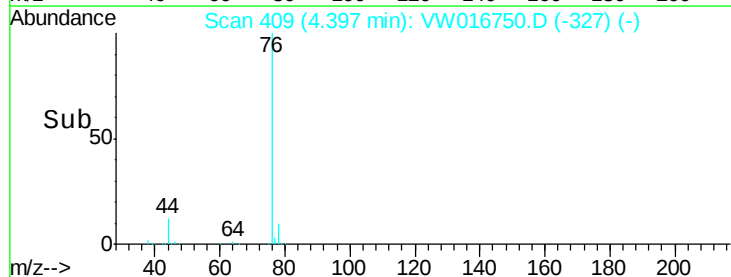
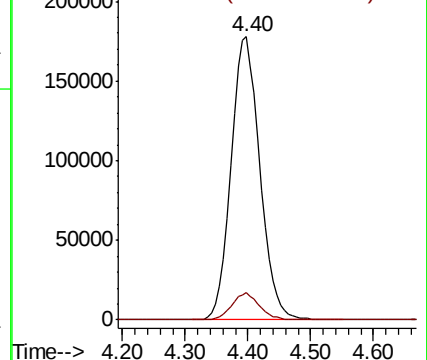
76 100

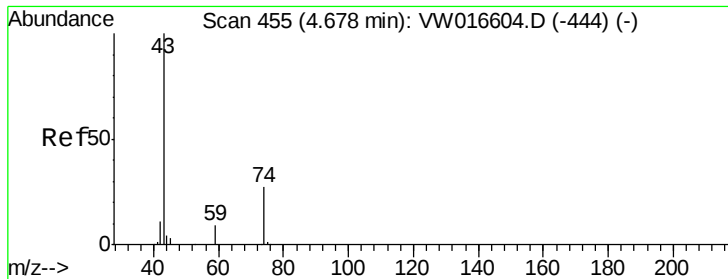
78 9.7 7.3 10.9



Abundance Ion 76.00 (75.70 to 76.70): VW

Ion 78.00 (77.70 to 78.70): VW

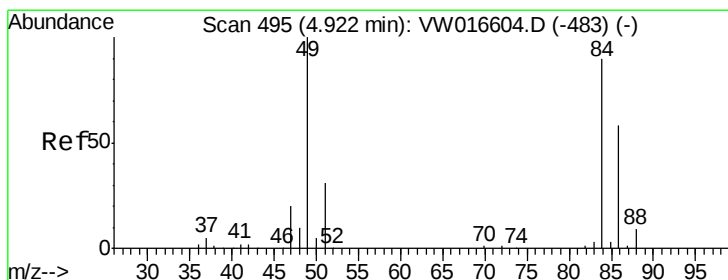
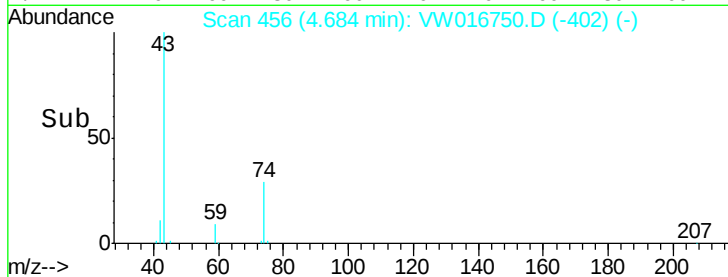
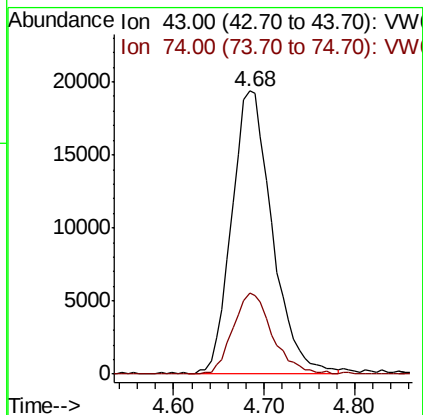
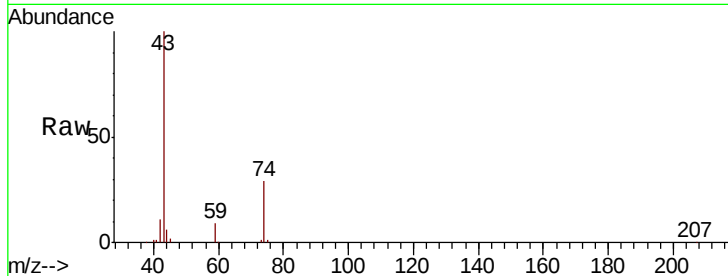




#15
Methvl Acetate
Concen: 20.951 ug/L
RT: 4.68 min Scan# 456
Delta R.T. 0.00 min
Lab File: VW016750.D
Acq: 02 Oct 2020 09:19

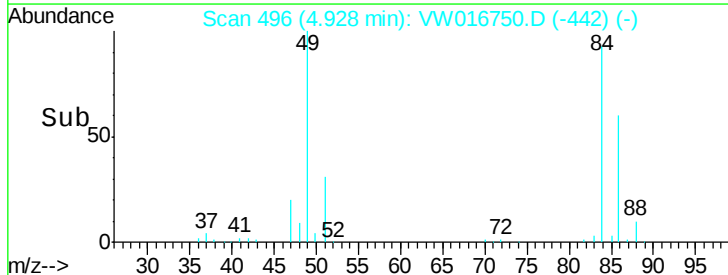
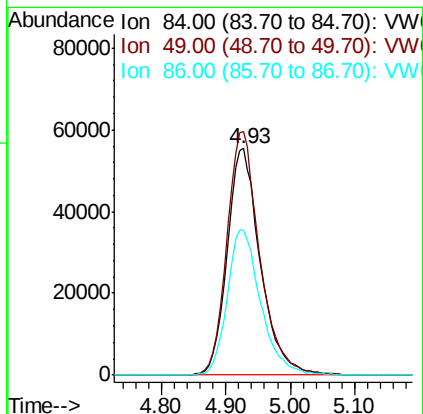
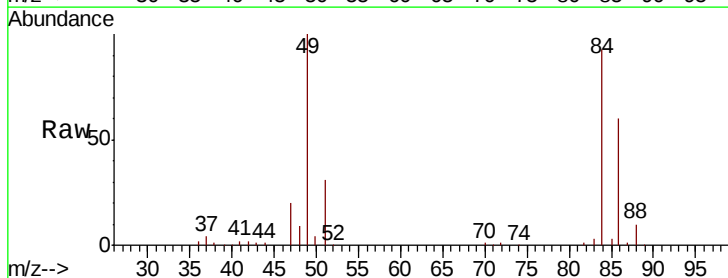
Instrument :
MSVOA_W
ClientSampleId :

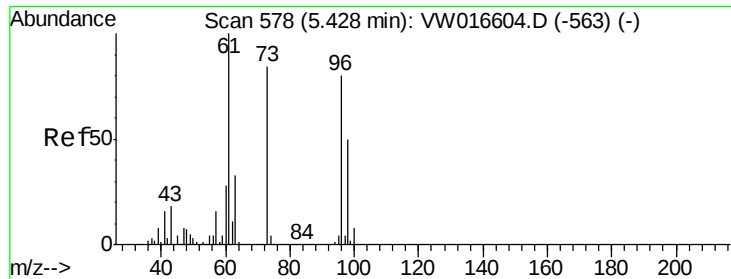
Tot Ion: 43 Resp: 59524
Ion Ratio Lower Upper
43 100
74 27.9 21.5 32.3



#16
Methylene chloride
Concen: 21.415 ug/L
RT: 4.93 min Scan# 496
Delta R.T. 0.00 min
Lab File: VW016750.D
Acq: 02 Oct 2020 09:19

Tgt Ion: 84 Resp: 199351
Ion Ratio Lower Upper
84 100
49 107.3 76.0 141.2
86 64.2 45.6 84.6

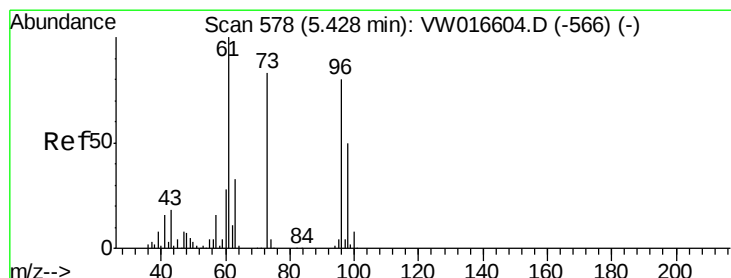
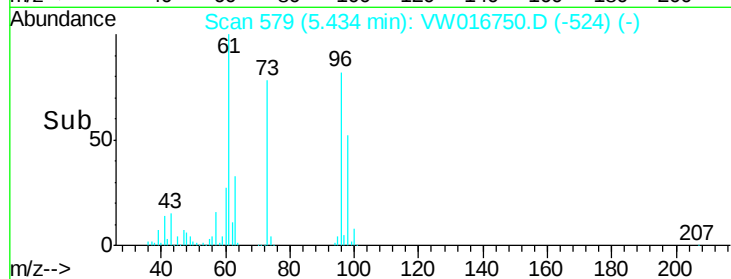
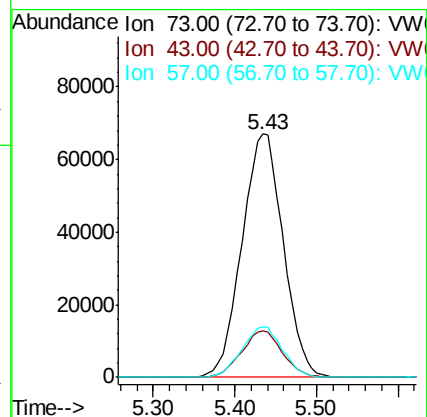
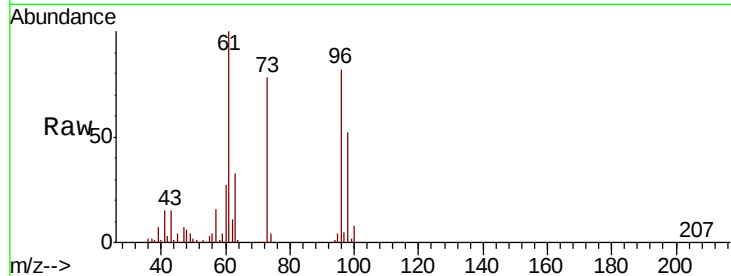




#17
Methvl tert-butvl Ether
Concen: 22.529 ug/L
RT: 5.43 min Scan# 579
Delta R.T. 0.01 min
Lab File: VW016750.D
Acq: 02 Oct 2020 09:19

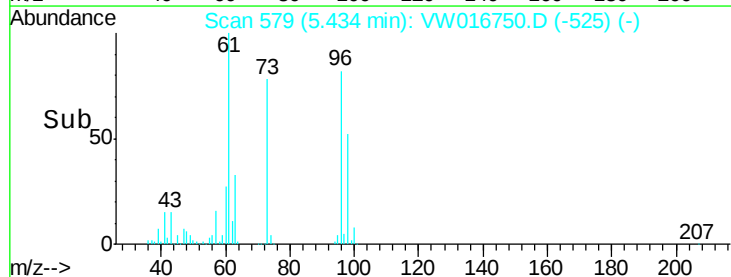
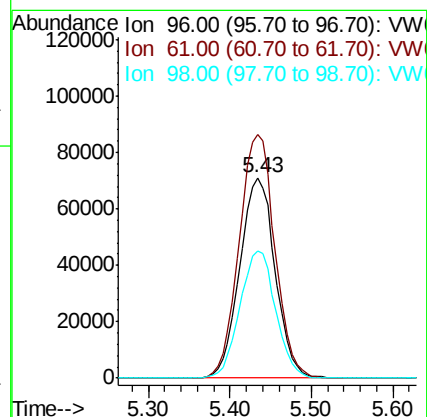
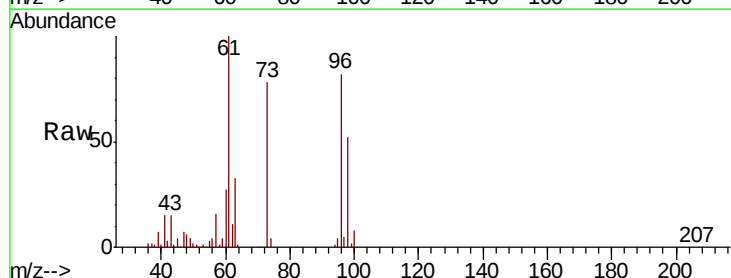
Instrument :
MSVOA_W
ClientSampleId :

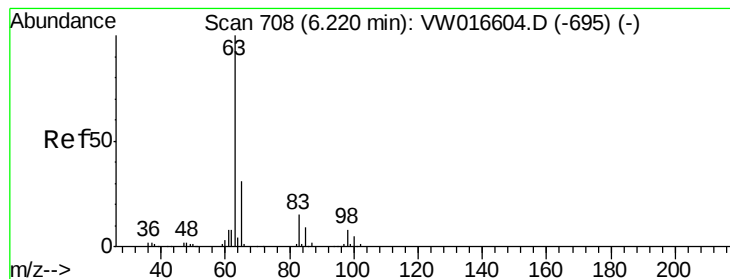
Tot Ion	Ratio	Lower	Upper
73	100		
43	19.0	17.2	25.8
57	20.5	16.3	24.5



#18
trans-1,2-Dichloroethene
Concen: 27.026 ug/L
RT: 5.43 min Scan# 579
Delta R.T. 0.00 min
Lab File: VW016750.D
Acq: 02 Oct 2020 09:19

Tgt Ion	Ratio	Lower	Upper
96	100		
61	121.5	88.4	164.2
98	63.6	43.0	80.0





#19

1,1-Dichloroethane

Concen: 26.738 ug/L

RT: 6.22 min Scan# 708

Delta R.T. 0.00 min

Lab File: VW016750.D

Acq: 02 Oct 2020 09:19

Instrument :

MSVOA_W

ClientSampled :

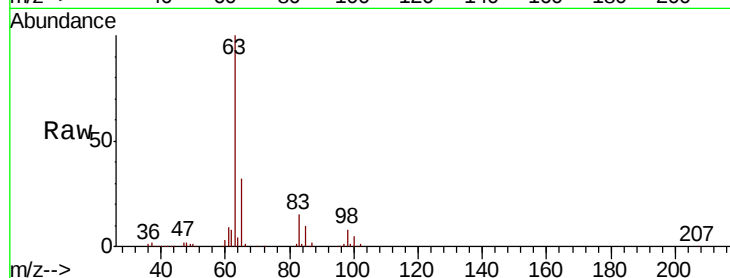
Tot Ion: 63 Resp: 334775

Ion Ratio Lower Upper

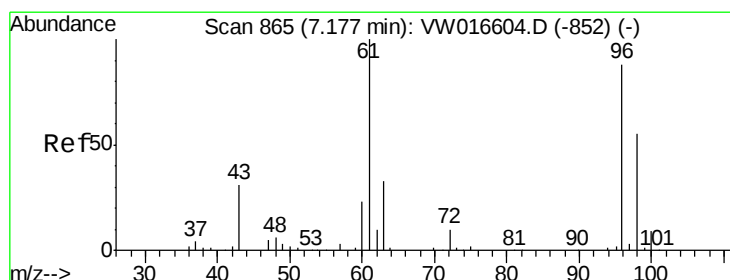
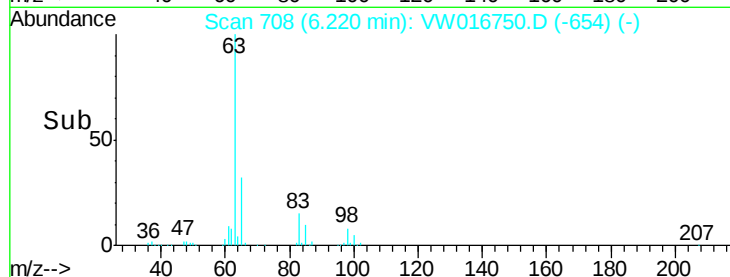
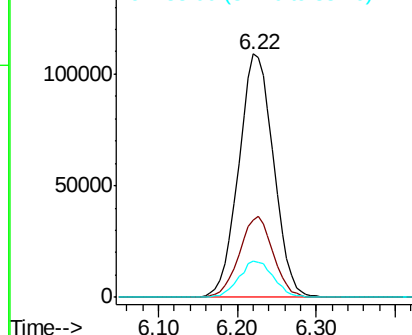
63 100

65 32.0 21.6 40.0

83 15.0 10.4 19.2



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



#21

2-Butanone

Concen: 36.518 ug/L

RT: 7.18 min Scan# 866

Delta R.T. 0.01 min

Lab File: VW016750.D

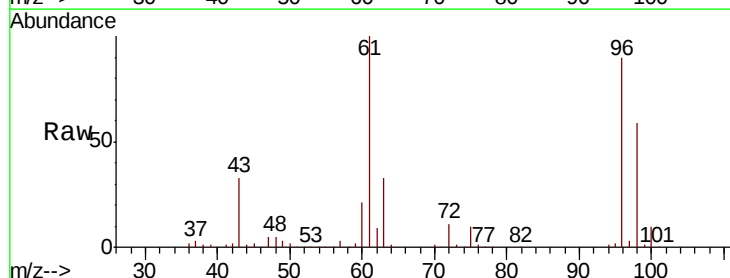
Acq: 02 Oct 2020 09:19

Tgt Ion: 43 Resp: 77517

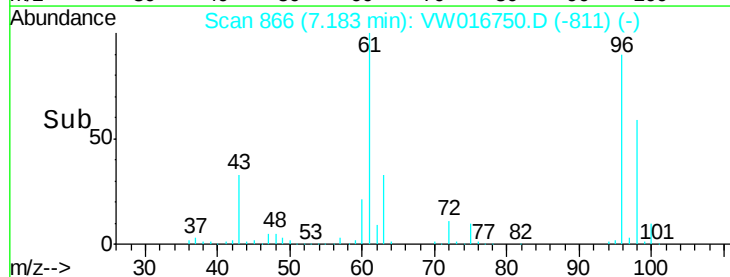
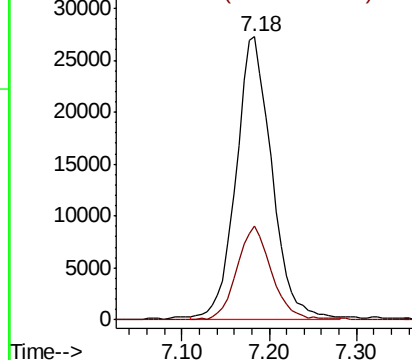
Ion Ratio Lower Upper

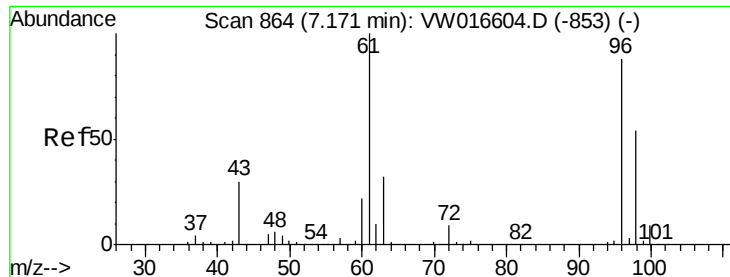
43 100

72 31.5 14.6 43.8



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



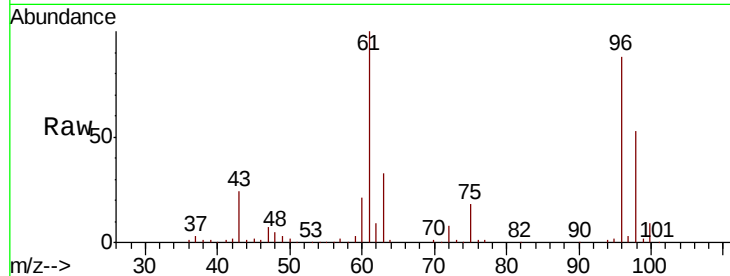


#22

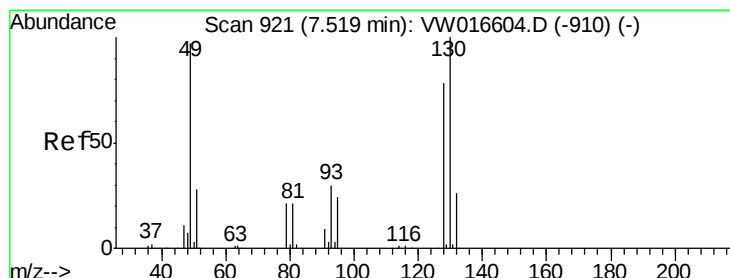
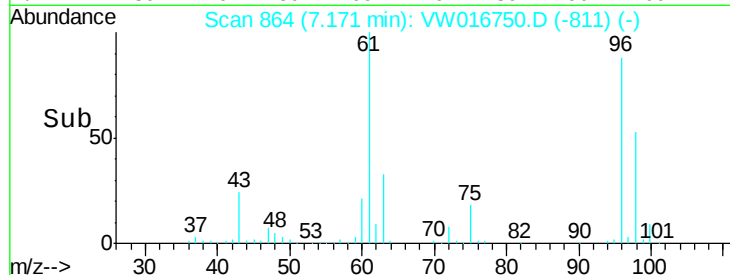
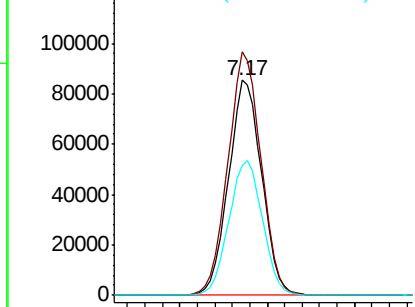
cis-1,2-Dichloroethene
Concen: 27.384 ug/L
RT: 7.17 min Scan# 864
Delta R.T. -0.01 min
Lab File: VW016750.D
Acq: 02 Oct 2020 09:19

Instrument :
MSVOA_W
ClientSampleId :

Tot Ion: 96 Resp: 224952
Ion Ratio Lower Upper
96 100
61 113.2 78.4 145.6
98 60.5 44.8 83.2



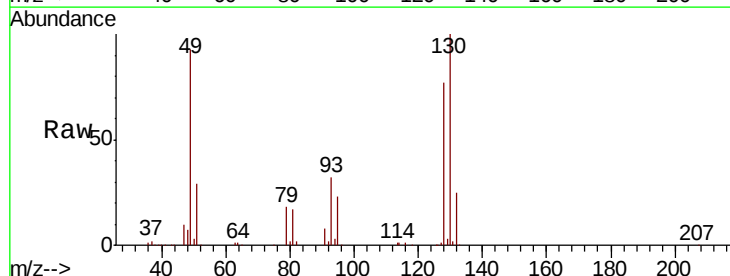
Abundance Ion 96.00 (95.70 to 96.70): VW
Ion 61.00 (60.70 to 61.70): VW
Ion 98.00 (97.70 to 98.70): VW



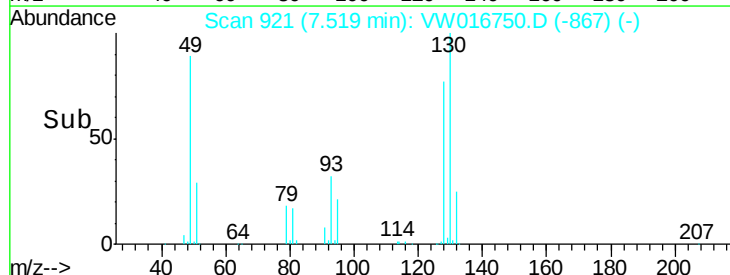
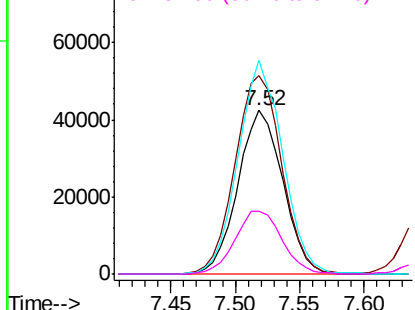
#23

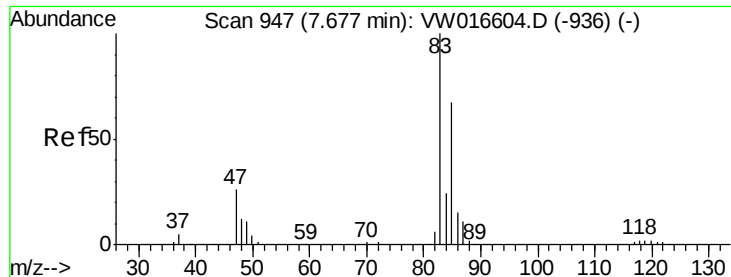
Bromochloromethane
Concen: 25.795 ug/L
RT: 7.52 min Scan# 921
Delta R.T. 0.00 min
Lab File: VW016750.D
Acq: 02 Oct 2020 09:19

Tgt Ion: 128 Resp: 103015
Ion Ratio Lower Upper
128 100
49 121.4 92.1 171.1
130 130.5 87.8 163.0
51 38.4 33.6 50.4



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

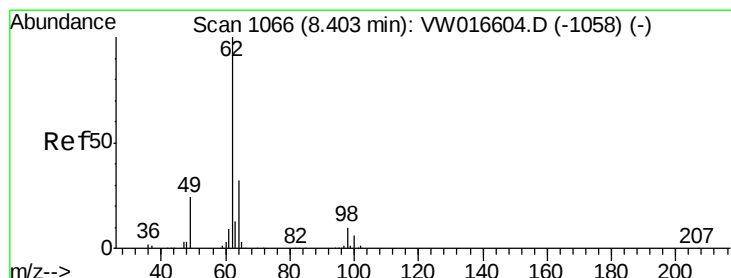
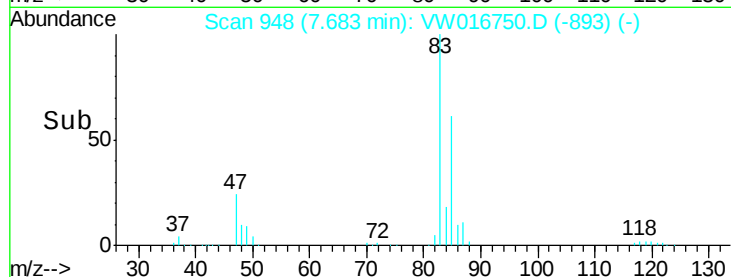
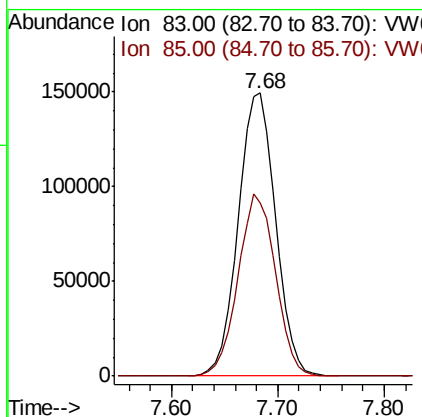
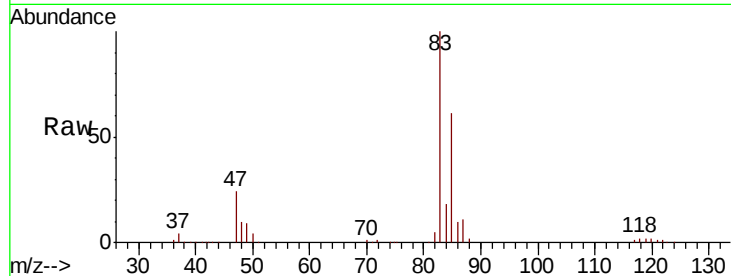




#25
Chloroform
Concen: 27.020 ug/L
RT: 7.68 min Scan# 948
Delta R.T. 0.01 min
Lab File: VW016750.D
Acq: 02 Oct 2020 09:19

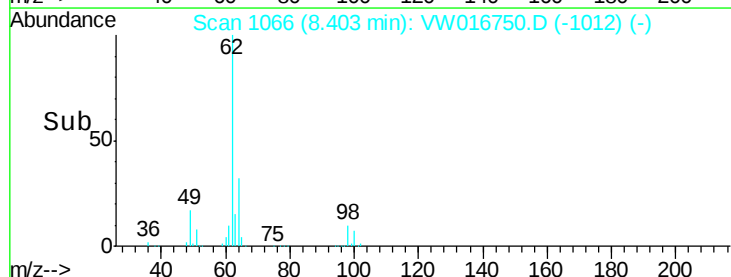
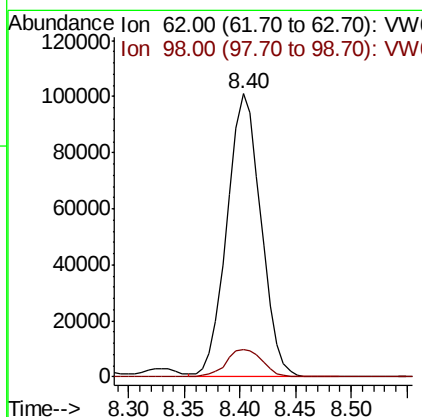
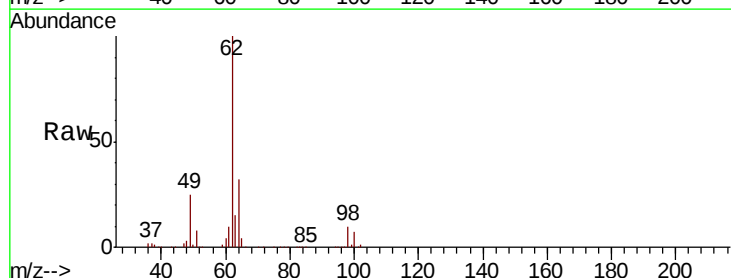
Instrument :
MSVOA_W
ClientSampleId :

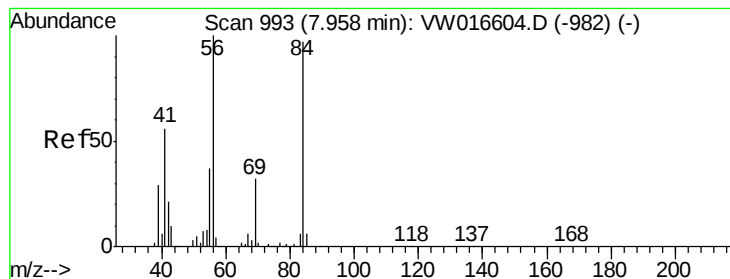
Tot Ion: 83 Resp: 368849
Ion Ratio Lower Upper
83 100
85 64.7 46.1 85.5



#27
1,2-Dichloroethane
Concen: 24.450 ug/L
RT: 8.40 min Scan# 1066
Delta R.T. 0.00 min
Lab File: VW016750.D
Acq: 02 Oct 2020 09:19

Tgt Ion: 62 Resp: 214152
Ion Ratio Lower Upper
62 100
98 9.9 7.9 11.9





#30

Cyclohexane

Concen: 25.326 ug/L

RT: 7.96 min Scan# 994

Delta R.T. 0.00 min

Lab File: VW016750.D

Acq: 02 Oct 2020 09:19

Instrument :

MSVOA_W

ClientSampled :

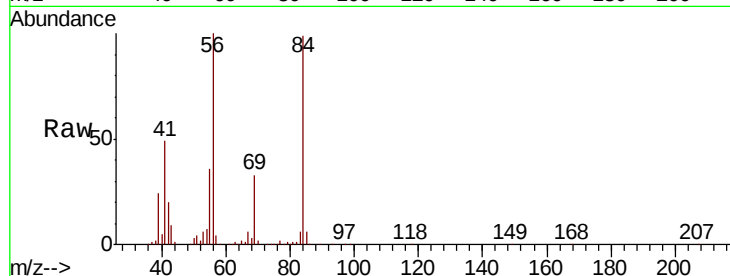
Tot Ion: 56 Resp: 302640

Ion Ratio Lower Upper

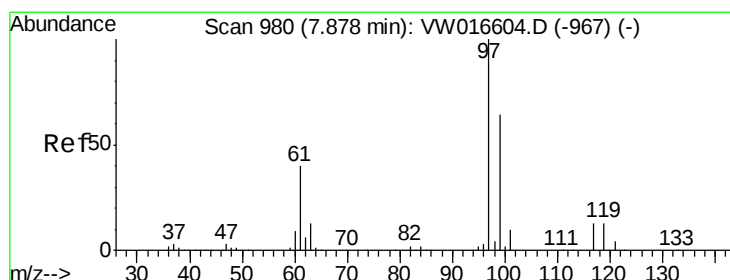
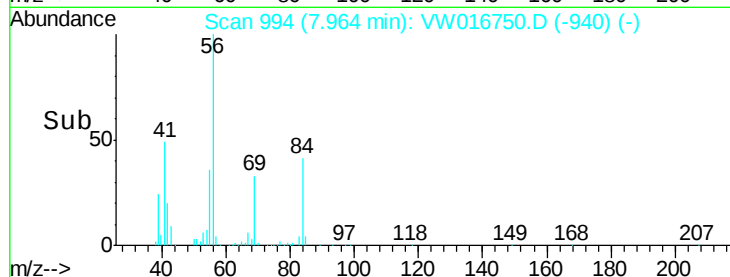
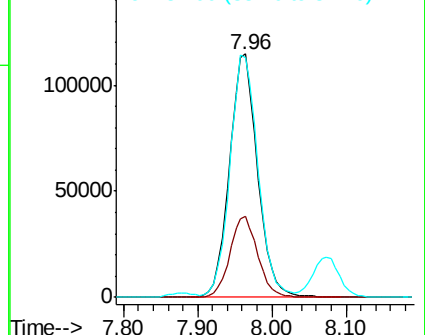
56 100

69 33.0 26.5 39.7

84 99.6 79.0 118.6



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



#31

1,1,1-Trichloroethane

Concen: 25.225 ug/L

RT: 7.88 min Scan# 980

Delta R.T. 0.00 min

Lab File: VW016750.D

Acq: 02 Oct 2020 09:19

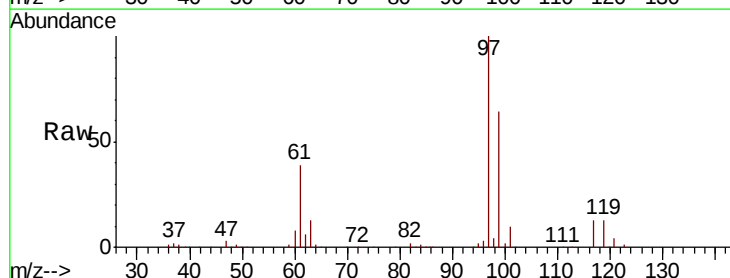
Tgt Ion: 97 Resp: 322148

Ion Ratio Lower Upper

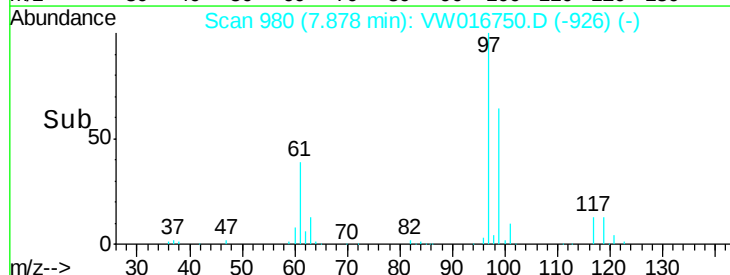
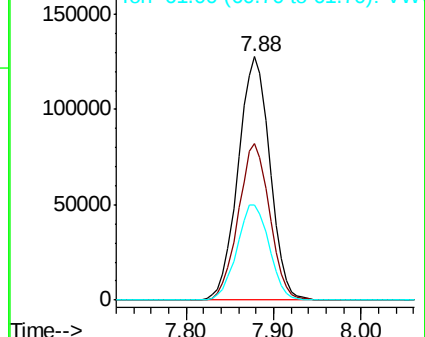
97 100

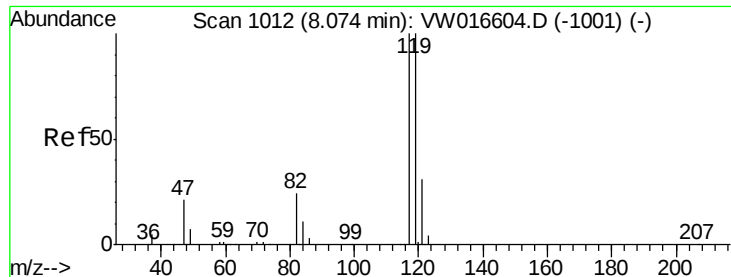
99 63.8 51.8 77.6

61 39.9 33.6 50.4



Abundance Ion 97.00 (96.70 to 97.70): VW
Ion 99.00 (98.70 to 99.70): VW
Ion 61.00 (60.70 to 61.70): VW





#32

Carbon tetrachloride

Concen: 25.789 ug/L

RT: 8.07 min Scan# 1012

Delta R.T. 0.00 min

Lab File: VW016750.D

Acq: 02 Oct 2020 09:19

Instrument :

MSVOA_W

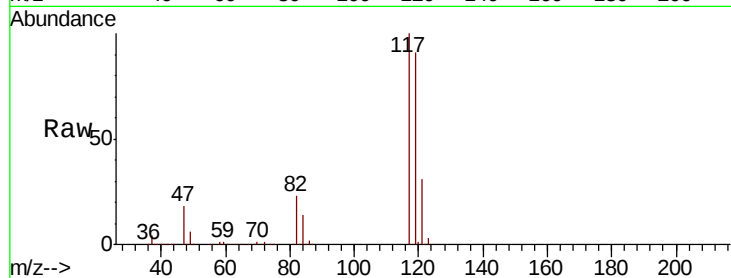
ClientSampled :

Tot Ion:117 Resp: 319978

Ion Ratio Lower Upper

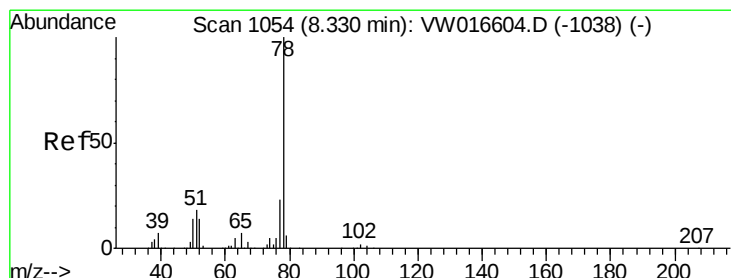
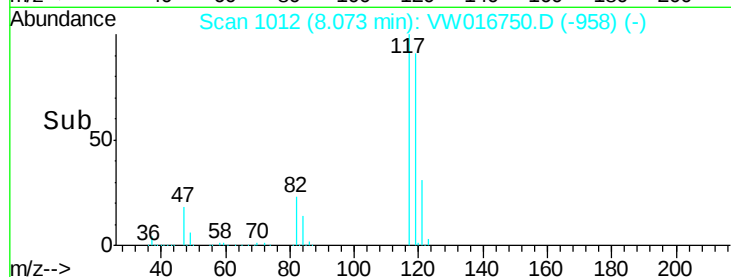
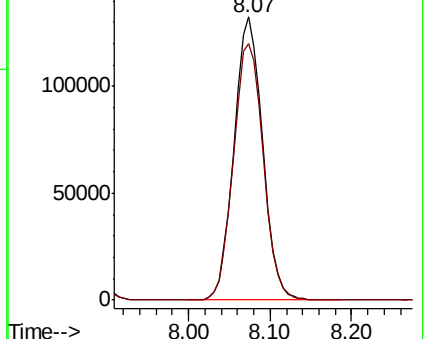
117 100

119 94.5 78.2 117.4



Abundance Ion 117.00 (116.70 to 117.70): V

Ion 119.00 (118.70 to 119.70): V



#34

Benzene

Concen: 27.075 ug/L

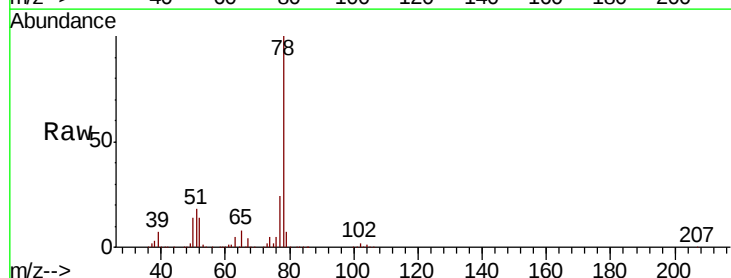
RT: 8.33 min Scan# 1054

Delta R.T. 0.00 min

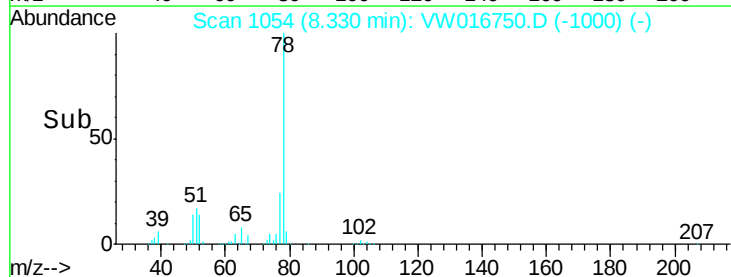
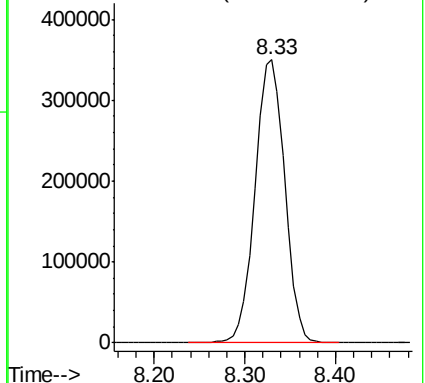
Lab File: VW016750.D

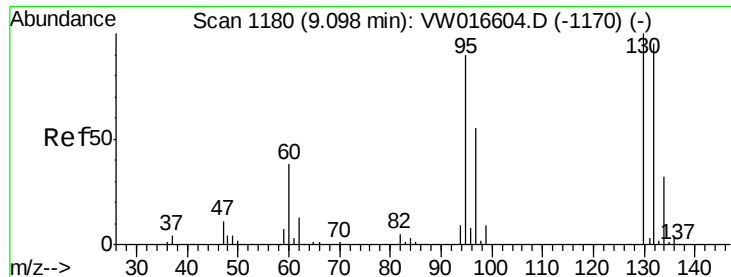
Acq: 02 Oct 2020 09:19

Tgt Ion: 78 Resp: 793550



Abundance Ion 78.00 (77.70 to 78.70): VW

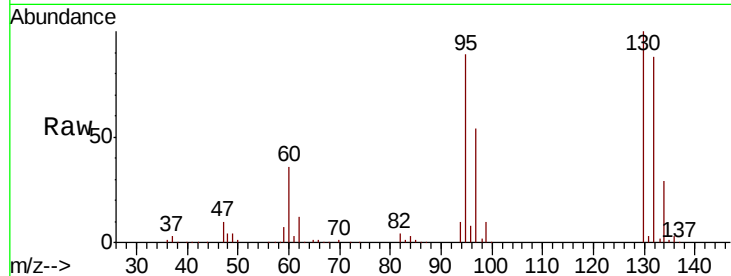




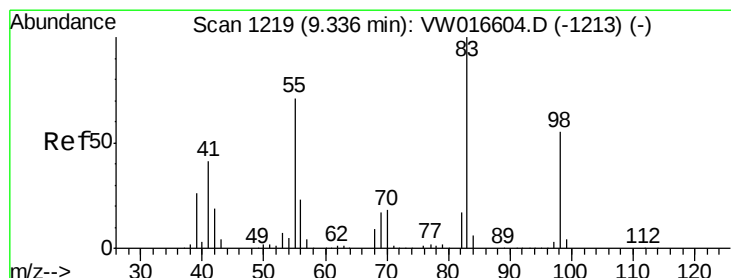
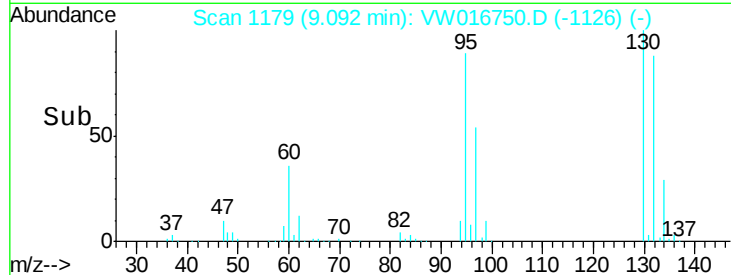
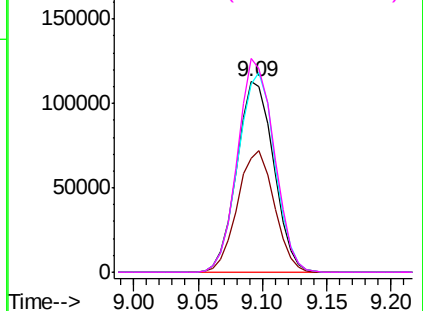
#35
 Trichloroethene
 Concen: 26.555 ug/L
 RT: 9.09 min Scan# 1179
 Delta R.T. -0.01 min
 Lab File: VW016750.D
 Acq: 02 Oct 2020 09:19

Instrument :
 MSVOA_W
 ClientSampleId :

Tot Ion: 95 Resp: 225177
 Ion Ratio Lower Upper
 95 100
 97 63.5 45.2 84.0
 132 104.2 73.3 136.1
 130 110.5 77.5 143.9

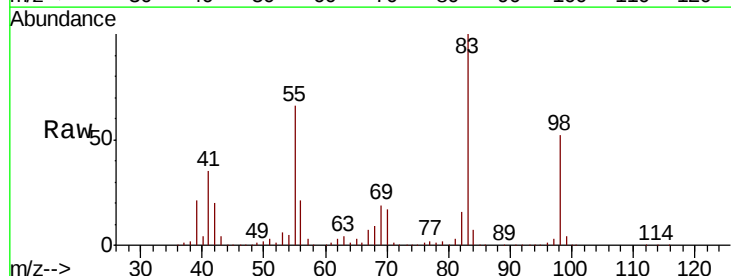


Abundance Ion 95.00 (94.70 to 95.70): VW
 Ion 97.00 (96.70 to 97.70): VW
 Ion 132.00 (131.70 to 132.70): V
 Ion 130.00 (129.70 to 130.70): V

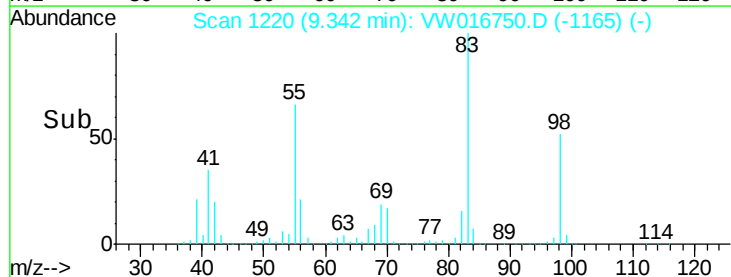
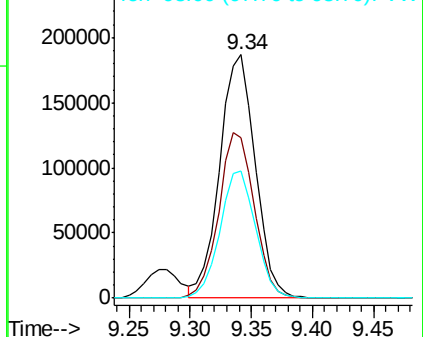


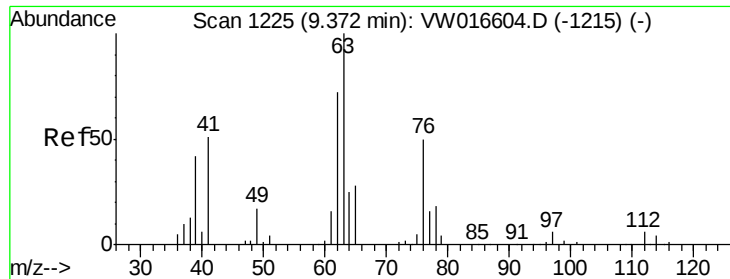
#36
 Methylcyclohexane
 Concen: 26.174 ug/L
 RT: 9.34 min Scan# 1220
 Delta R.T. 0.01 min
 Lab File: VW016750.D
 Acq: 02 Oct 2020 09:19

Tgt Ion: 83 Resp: 376466
 Ion Ratio Lower Upper
 83 100
 55 68.0 55.9 83.9
 98 52.4 42.1 63.1



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

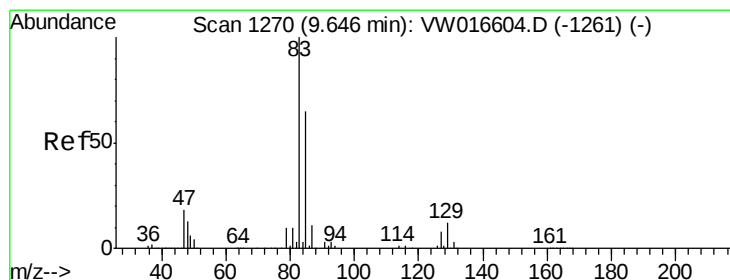
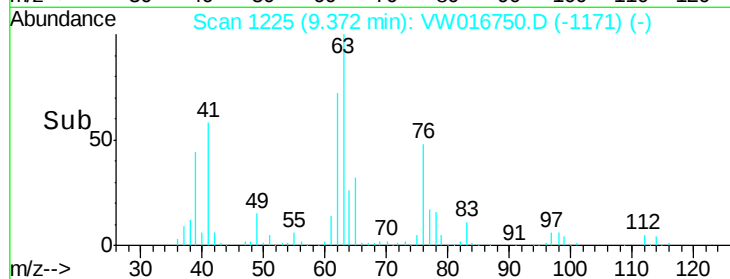
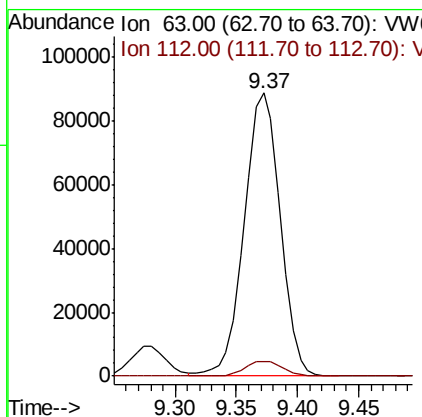
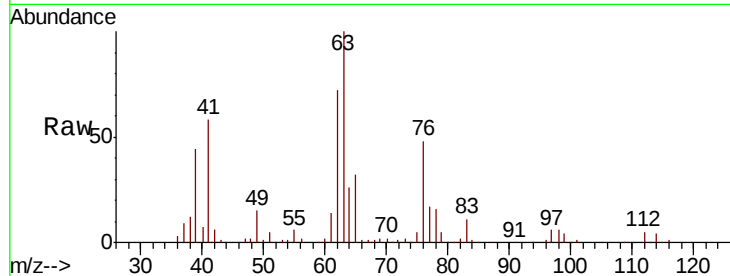




#40
 1,2-Dichloropropane
 Concen: 26.694 ug/L
 RT: 9.37 min Scan# 1225
 Delta R.T. 0.00 min
 Lab File: VW016750.D
 Acq: 02 Oct 2020 09:19

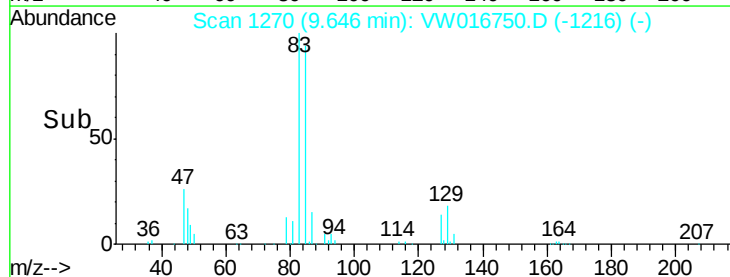
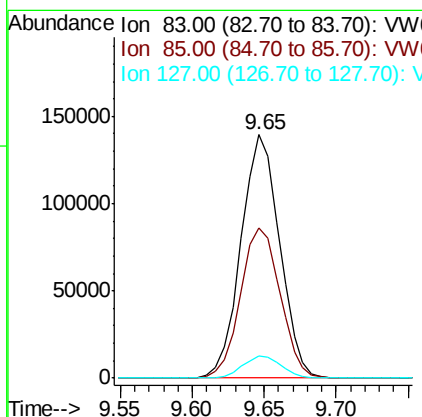
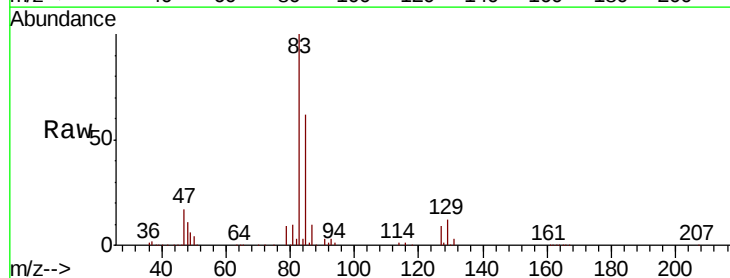
Instrument :
 MSVOA_W
 ClientSampleId :

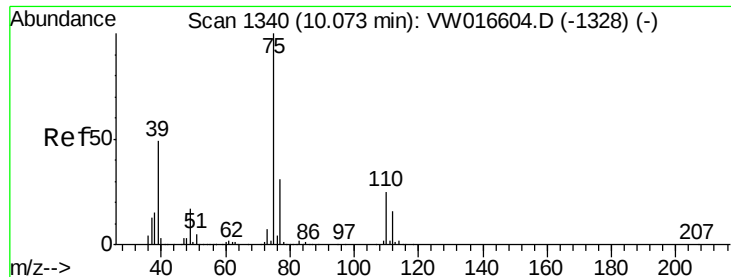
Tot Ion: 63 Resp: 181966
 Ion Ratio Lower Upper
 63 100
 112 5.5 4.5 6.7



#41
 Bromodichloromethane
 Concen: 25.603 ug/L
 RT: 9.65 min Scan# 1270
 Delta R.T. 0.00 min
 Lab File: VW016750.D
 Acq: 02 Oct 2020 09:19

Tgt Ion: 83 Resp: 258629
 Ion Ratio Lower Upper
 83 100
 85 61.9 46.8 86.8
 127 9.1 6.8 10.2

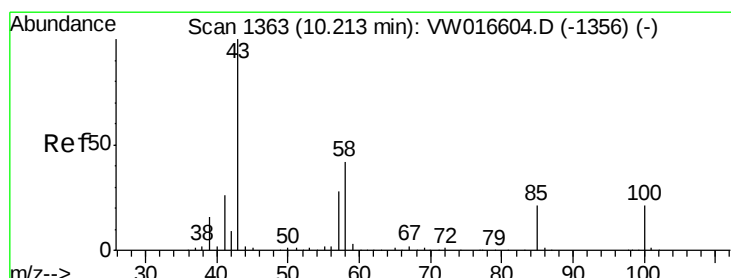
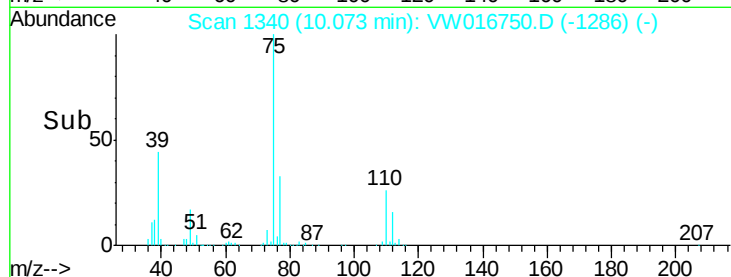
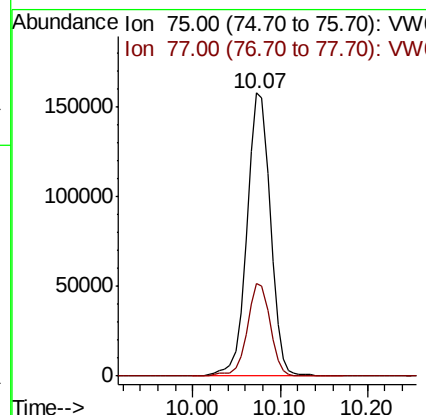
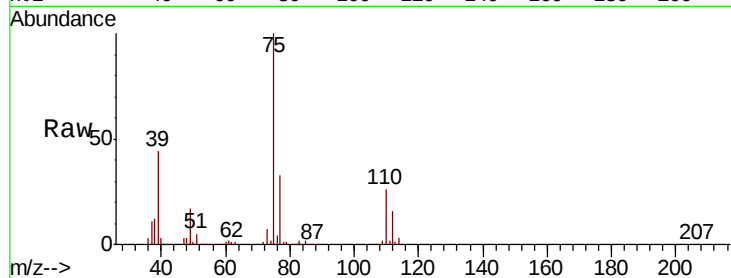




#42
 cis-1,3-Dichloropropene
 Concen: 25.200 ug/L
 RT: 10.07 min Scan# 1340
 Delta R.T. 0.00 min
 Lab File: VW016750.D
 Acq: 02 Oct 2020 09:19

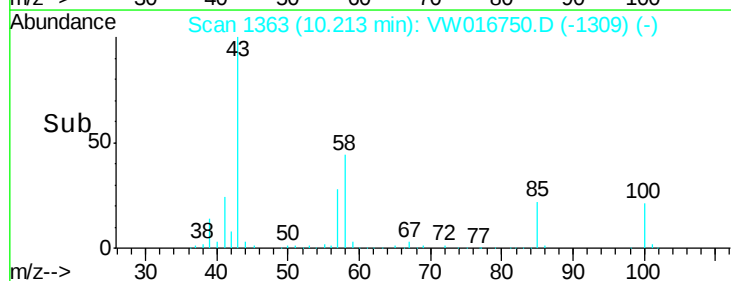
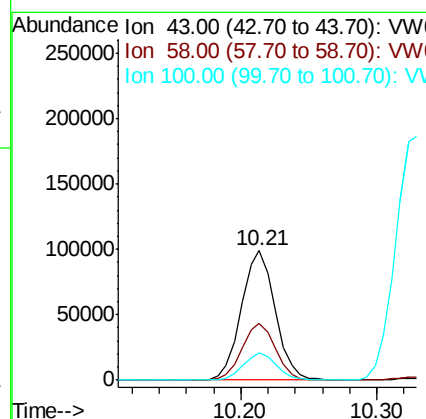
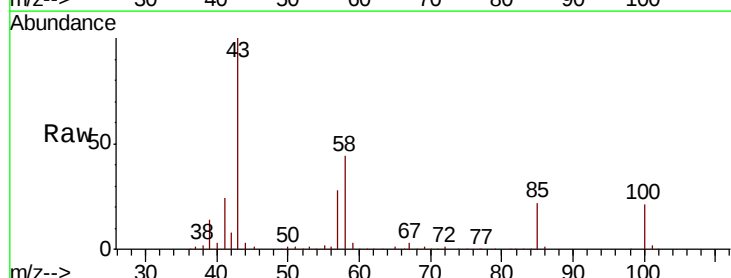
Instrument :
 MSVOA_W
 ClientSampleId :

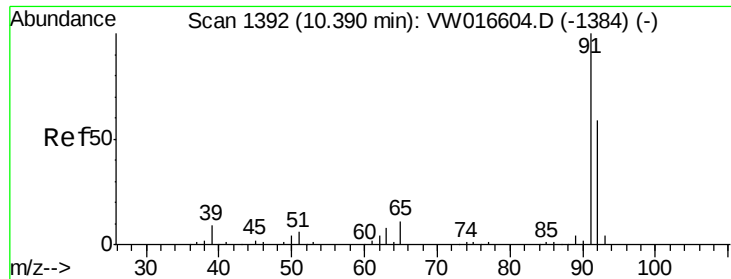
Tot Ion: 75 Resp: 293421
 Ion Ratio Lower Upper
 75 100
 77 32.8 22.2 41.2



#43
 4-Methyl-2-pentanone
 Concen: 39.684 ug/L
 RT: 10.21 min Scan# 1363
 Delta R.T. 0.00 min
 Lab File: VW016750.D
 Acq: 02 Oct 2020 09:19

Tgt Ion: 43 Resp: 171868
 Ion Ratio Lower Upper
 43 100
 58 43.6 32.2 48.4
 100 20.3 15.8 23.6





#44

Toluene

Concen: 26.833 ug/L

RT: 10.39 min Scan# 1392

Delta R.T. 0.00 min

Lab File: VW016750.D

Acq: 02 Oct 2020 09:19

Instrument :

MSVOA_W

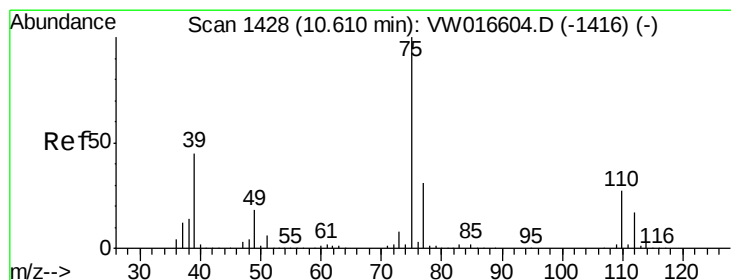
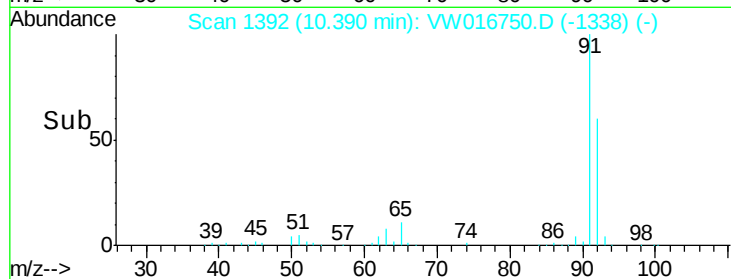
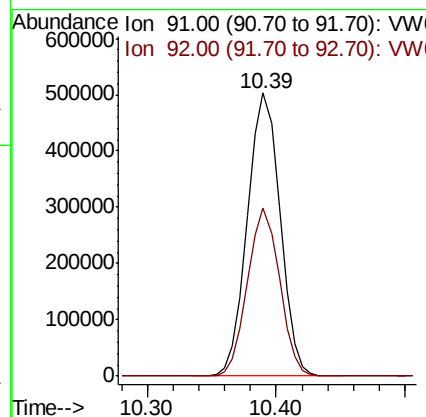
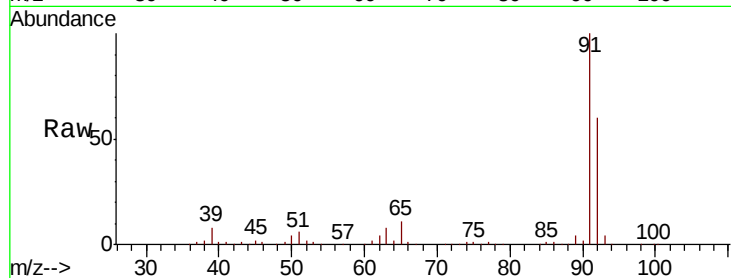
ClientSampled :

Tot Ion: 91 Resp: 884335

Ion Ratio Lower Upper

91 100

92 59.6 39.6 73.6



#45

trans-1,3-Dichloropropene

Concen: 24.455 ug/L

RT: 10.61 min Scan# 1428

Delta R.T. 0.00 min

Lab File: VW016750.D

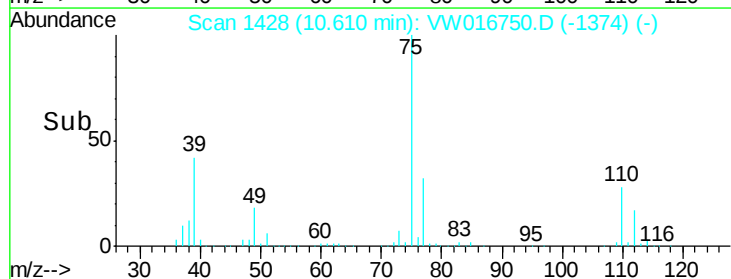
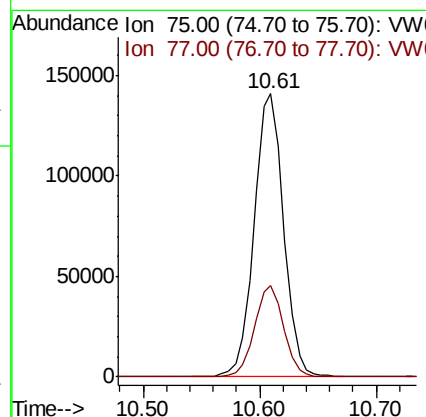
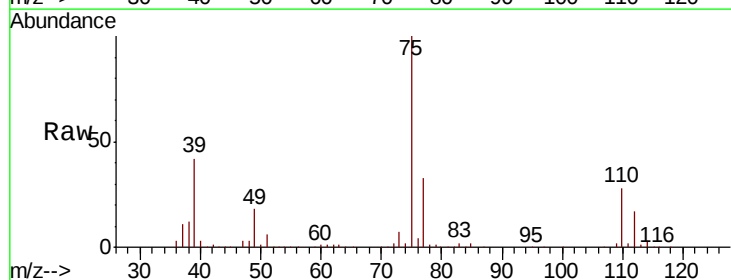
Acq: 02 Oct 2020 09:19

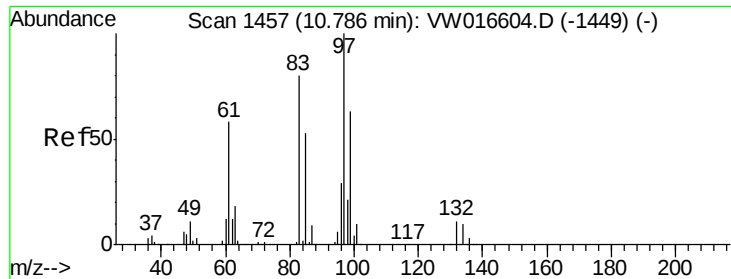
Tgt Ion: 75 Resp: 247737

Ion Ratio Lower Upper

75 100

77 32.5 22.5 41.9

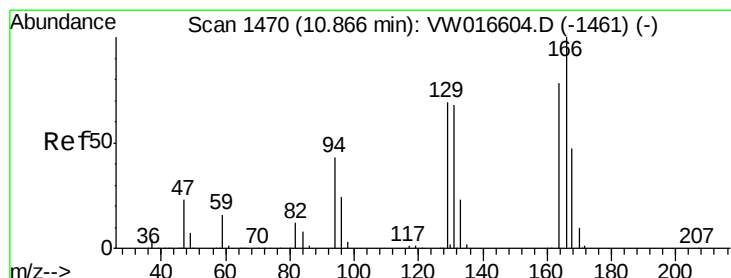
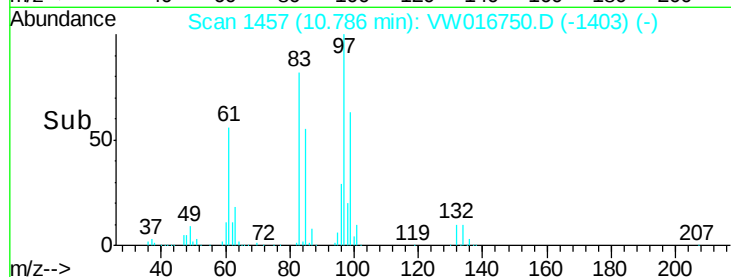
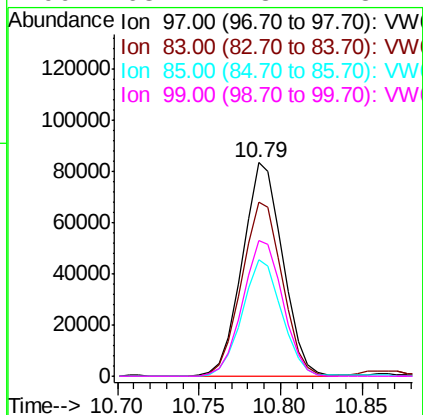
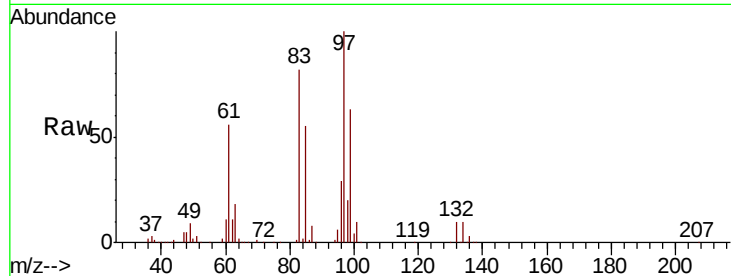




#46
 1,1,2-Trichloroethane
 Concen: 25.000 ug/L
 RT: 10.79 min Scan# 1457
 Delta R.T. 0.00 min
 Lab File: VW016750.D
 Acq: 02 Oct 2020 09:19

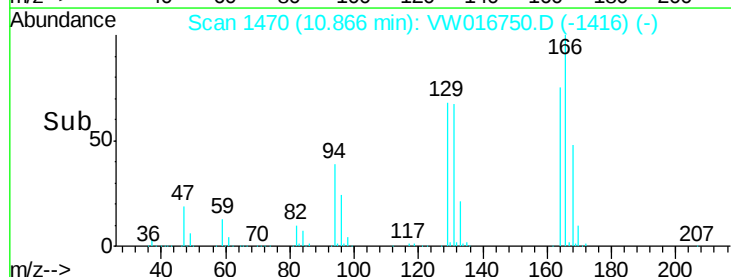
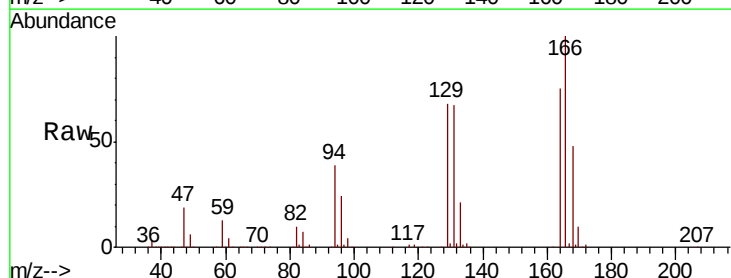
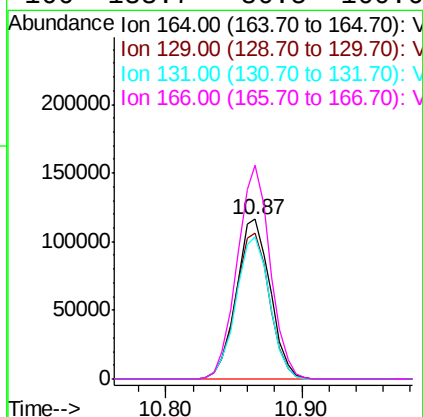
Instrument :
 MSVOA_W
 ClientSampleId :

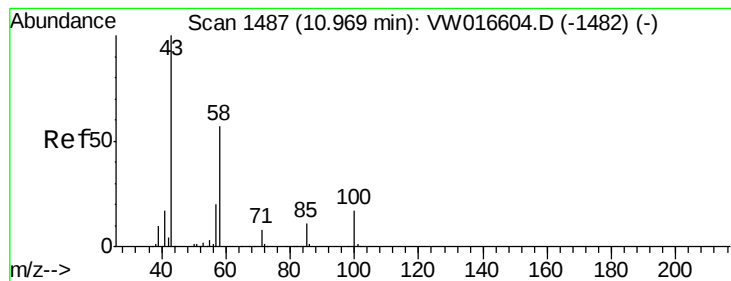
Tot Ion	97	Resp	143570
Ion Ratio	Lower	Upper	
97	100		
83	81.7	55.7	103.5
85	54.6	36.8	68.4
99	63.4	43.7	81.1



#47
 Tetrachloroethene
 Concen: 26.439 ug/L
 RT: 10.87 min Scan# 1470
 Delta R.T. 0.00 min
 Lab File: VW016750.D
 Acq: 02 Oct 2020 09:19

Tgt Ion	164	Resp	202444
Ion Ratio	Lower	Upper	
164	100		
129	91.2	55.6	103.2
131	89.3	57.2	106.2
166	133.7	86.5	160.6

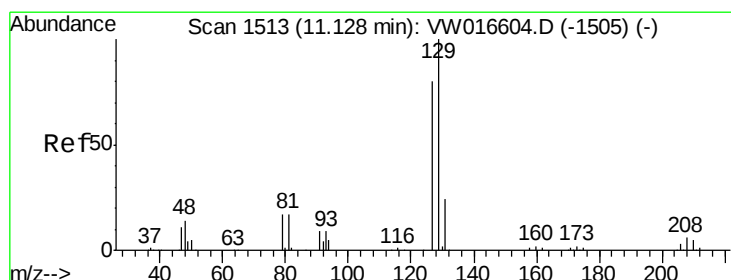
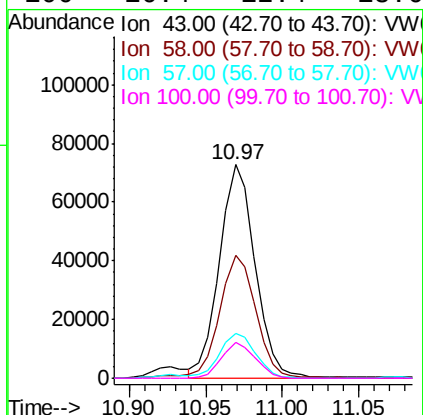
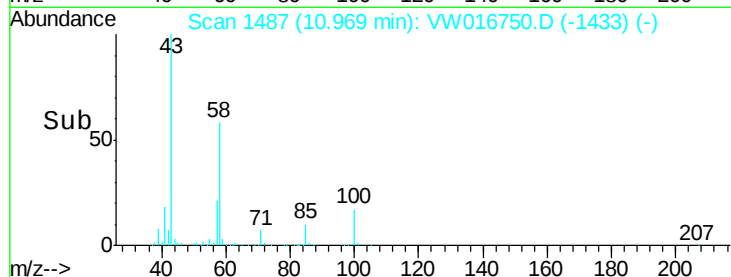
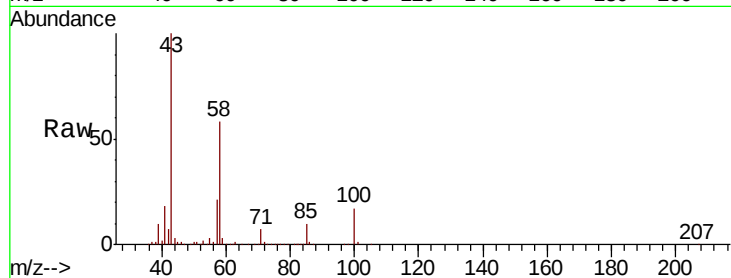




#49
2-Hexanone
Concen: 43.100 ug/L
RT: 10.97 min Scan# 1487
Delta R.T. 0.00 min
Lab File: VW016750.D
Acq: 02 Oct 2020 09:19

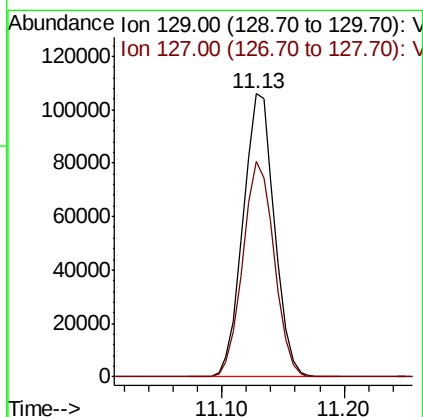
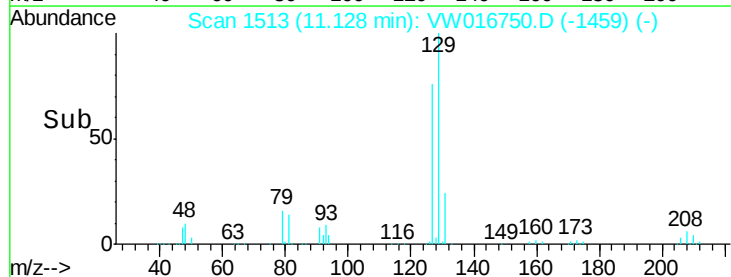
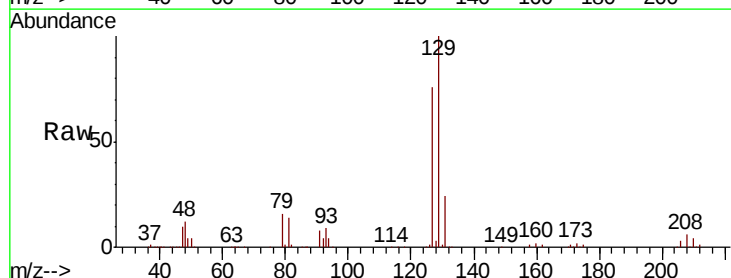
Instrument :
MSVOA_W
ClientSampleId :

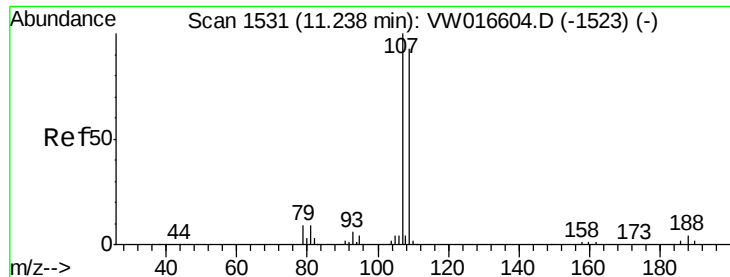
Tot Ion: 43 Resp: 118466
Ion Ratio Lower Upper
43 100
58 57.1 44.2 66.2
57 21.4 16.3 24.5
100 16.4 12.4 18.6



#50
Dibromochloromethane
Concen: 25.184 ug/L
RT: 11.13 min Scan# 1513
Delta R.T. 0.00 min
Lab File: VW016750.D
Acq: 02 Oct 2020 09:19

Tgt Ion: 129 Resp: 188824
Ion Ratio Lower Upper
129 100
127 76.0 52.4 97.4

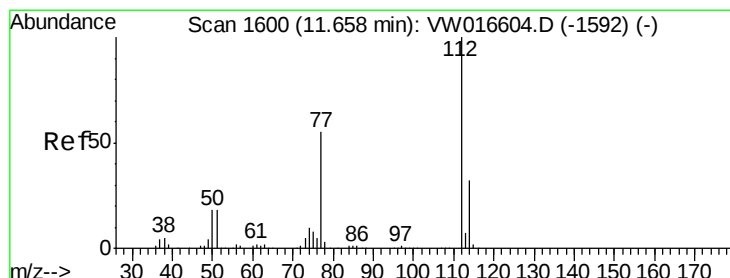
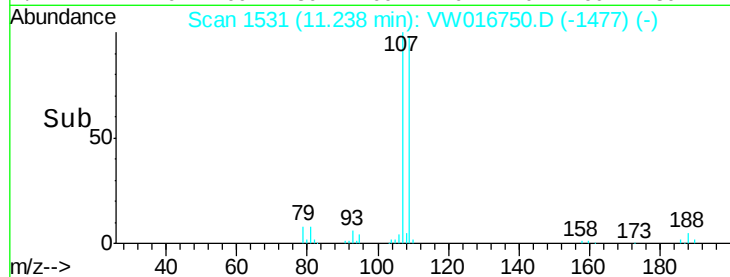
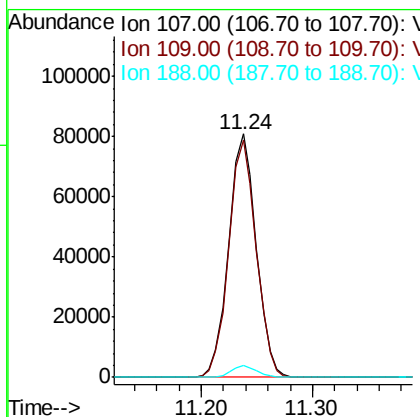
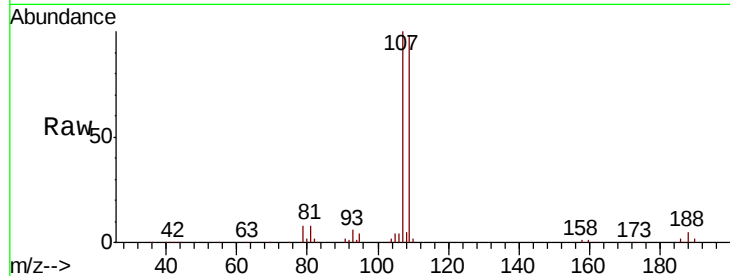




#51
 1,2-Dibromoethane
 Concen: 24.137 ug/L
 RT: 11.24 min Scan# 1531
 Delta R.T. 0.00 min
 Lab File: VW016750.D
 Acq: 02 Oct 2020 09:19

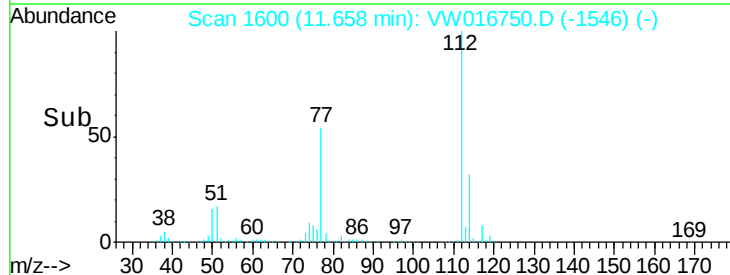
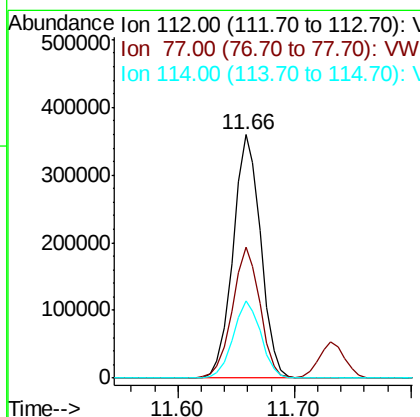
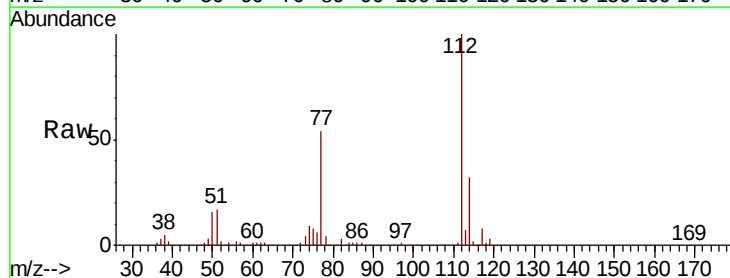
Instrument :
 MSVOA_W
 ClientSampled :

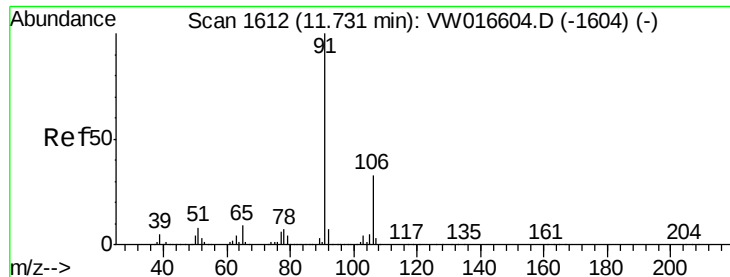
Tot Ion:107 Resp: 138782
 Ion Ratio Lower Upper
 107 100
 109 97.6 63.0 117.0
 188 5.0 3.1 4.7#



#52
 Chlorobenzene
 Concen: 26.825 ug/L
 RT: 11.66 min Scan# 1600
 Delta R.T. 0.00 min
 Lab File: VW016750.D
 Acq: 02 Oct 2020 09:19

Tgt Ion:112 Resp: 593825
 Ion Ratio Lower Upper
 112 100
 77 53.7 43.1 64.7
 114 31.7 22.3 41.3

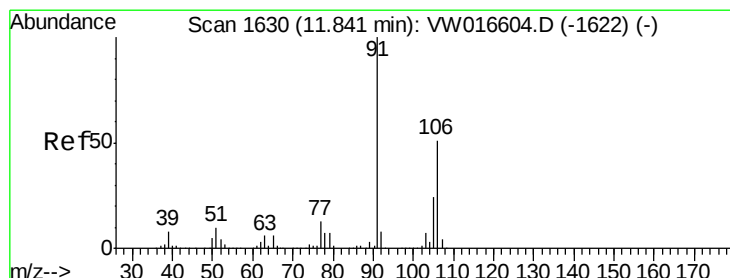
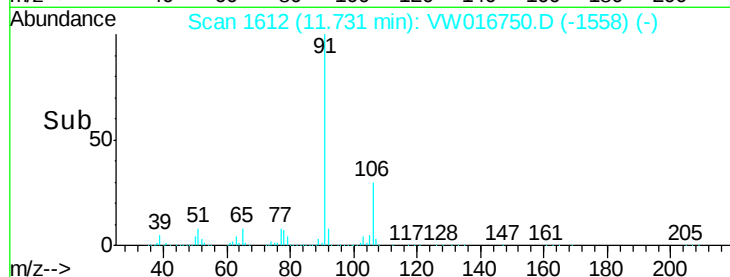
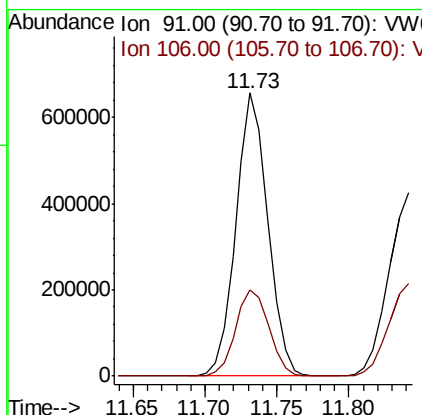
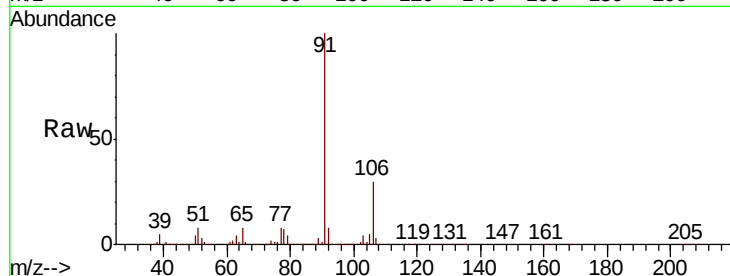




#53
Ethylbenzene
Concen: 26.980 ug/L
RT: 11.73 min Scan# 1612
Delta R.T. 0.00 min
Lab File: VW016750.D
Acq: 02 Oct 2020 09:19

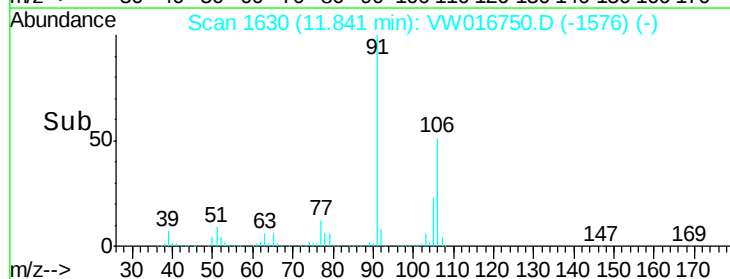
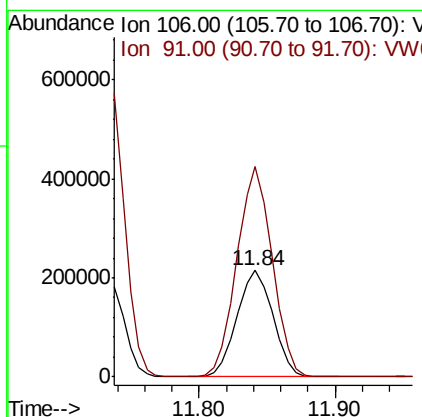
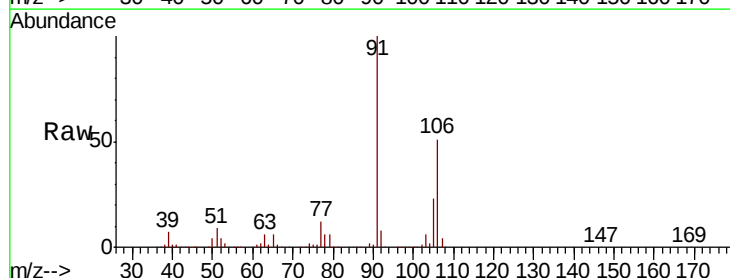
Instrument :
MSVOA_W
ClientSampleId :

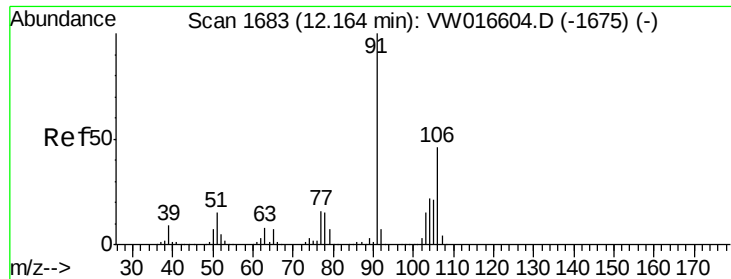
Tot Ion: 91 Resp: 1009529
Ion Ratio Lower Upper
91 100
106 30.5 20.7 38.5



#54
m,p-Xylene
Concen: 27.135 ug/L
RT: 11.84 min Scan# 1630
Delta R.T. 0.00 min
Lab File: VW016750.D
Acq: 02 Oct 2020 09:19

Tgt Ion: 106 Resp: 397569
Ion Ratio Lower Upper
106 100
91 197.7 139.7 259.5

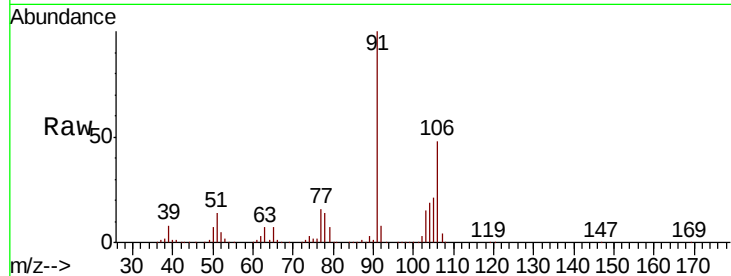




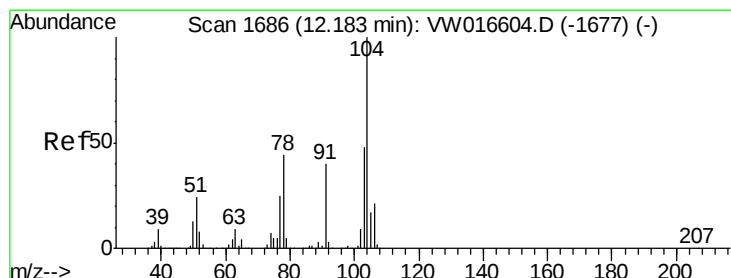
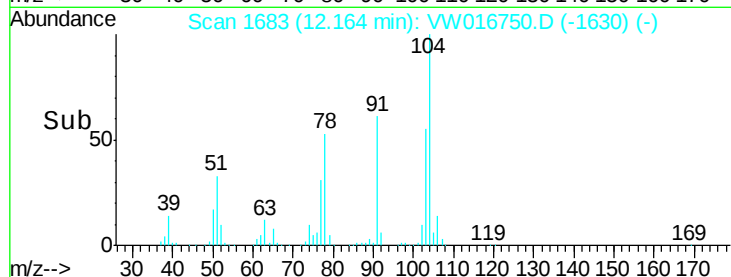
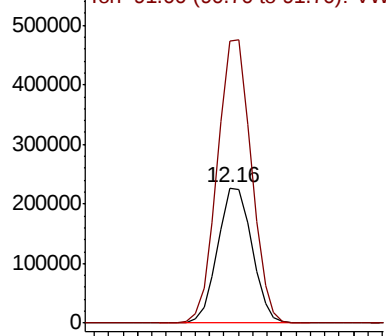
#55
o-xylene
Concen: 26.591 ug/L
RT: 12.16 min Scan# 1683
Delta R.T. -0.01 min
Lab File: VW016750.D
Acq: 02 Oct 2020 09:19

Instrument :
MSVOA_W
ClientSampled :

Tot Ion:106 Resp: 373247
Ion Ratio Lower Upper
106 100
91 209.2 144.8 268.8

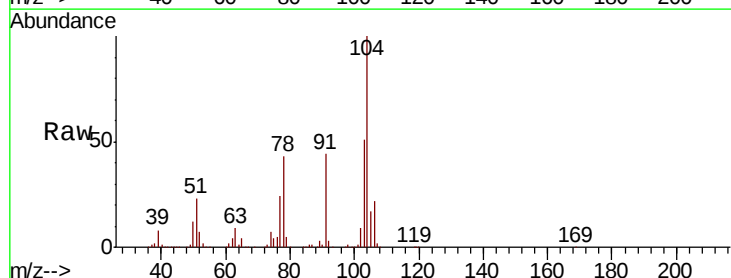


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VW

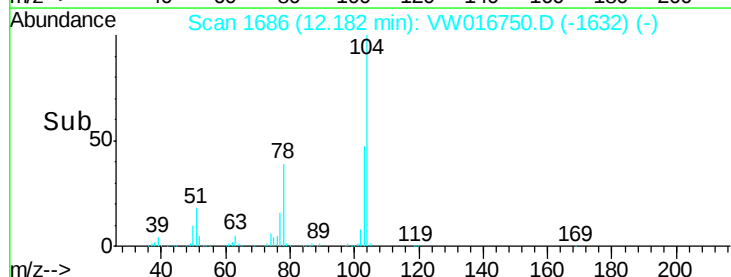
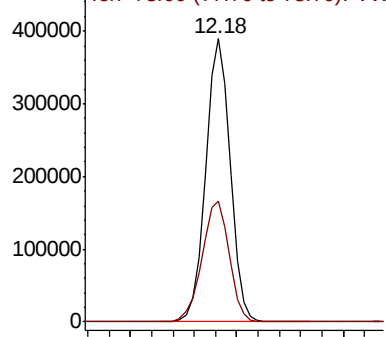


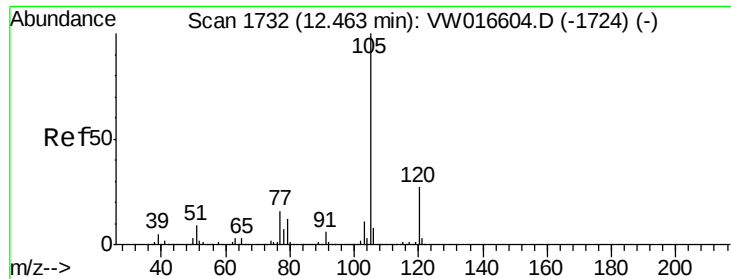
#56
Styrene
Concen: 26.990 ug/L
RT: 12.18 min Scan# 1686
Delta R.T. 0.00 min
Lab File: VW016750.D
Acq: 02 Oct 2020 09:19

Tgt Ion:104 Resp: 629077
Ion Ratio Lower Upper
104 100
78 42.9 31.4 58.2



Abundance Ion 104.00 (103.70 to 104.70): V
Ion 78.00 (77.70 to 78.70): VW





#57

Isopropylbenzene

Concen: 26.967 ug/L

RT: 12.46 min Scan# 1732

Delta R.T. 0.00 min

Lab File: VW016750.D

Acq: 02 Oct 2020 09:19

Instrument :

MSVOA_W

ClientSampleId :

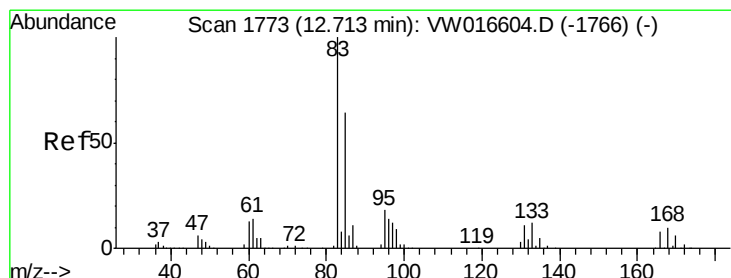
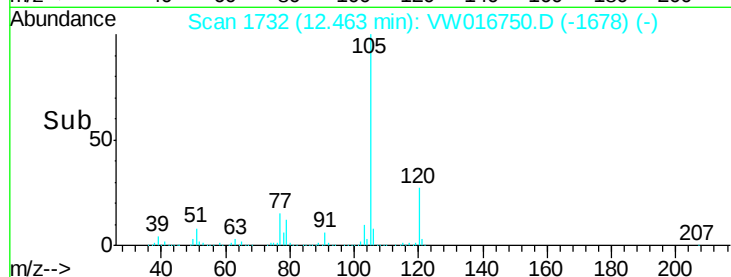
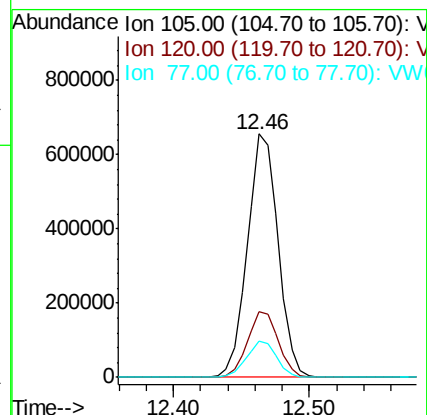
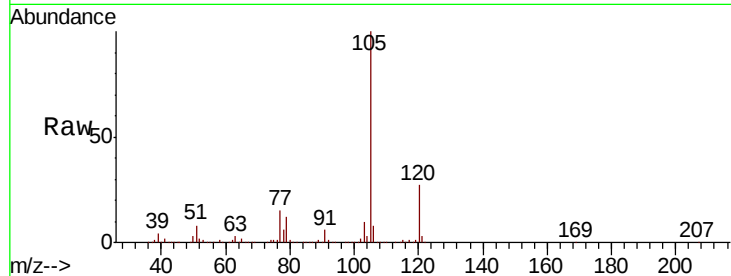
Tot Ion:105 Resp: 1034291

Ion Ratio Lower Upper

105 100

120 27.2 21.8 32.8

77 14.5 12.2 18.2



#58

1,1,2,2-Tetrachloroethane

Concen: 24.285 ug/L

RT: 12.71 min Scan# 1773

Delta R.T. 0.00 min

Lab File: VW016750.D

Acq: 02 Oct 2020 09:19

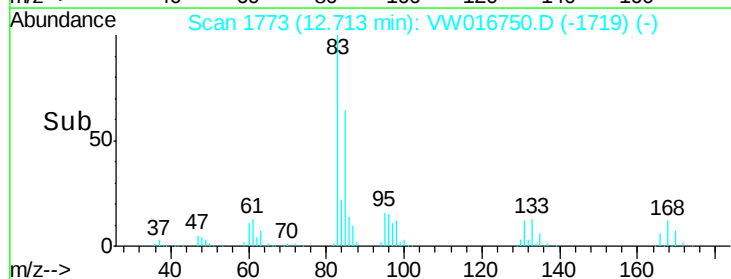
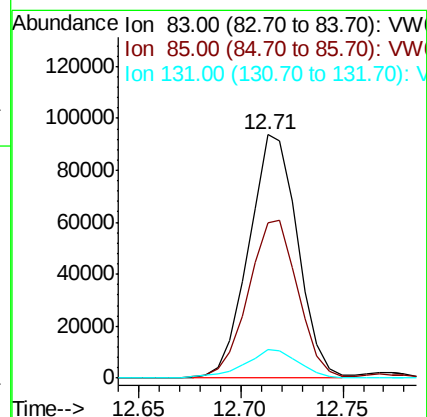
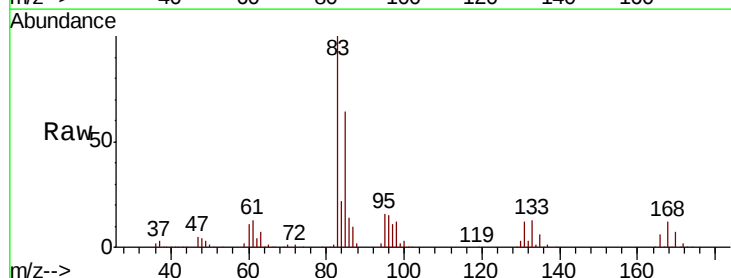
Tgt Ion: 83 Resp: 155954

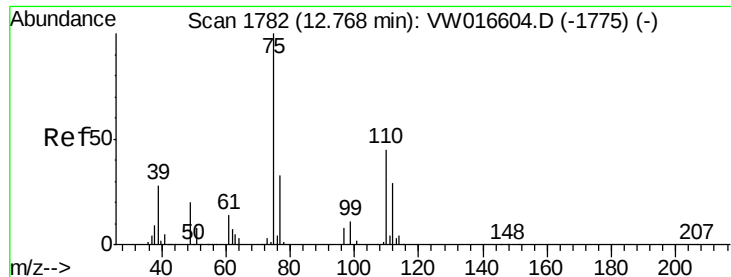
Ion Ratio Lower Upper

83 100

85 64.0 46.0 85.4

131 11.5 9.0 13.6

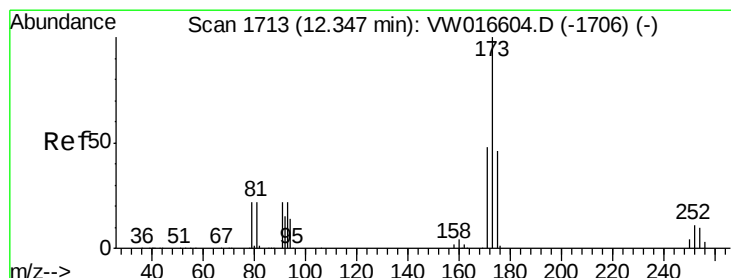
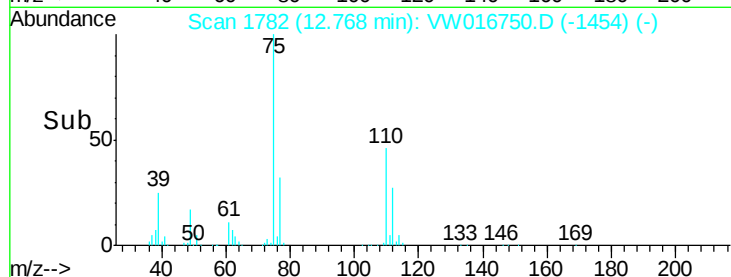
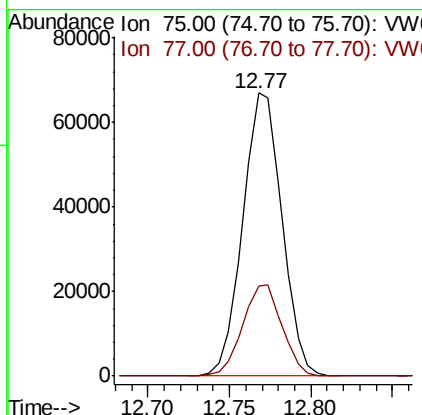
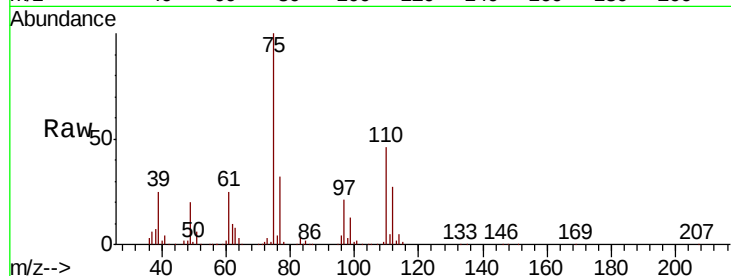




#59
 1,2,3-Trichloropropane
 Concen: 23.490 ug/L
 RT: 12.77 min Scan# 1782
 Delta R.T. 0.00 min
 Lab File: VW016750.D
 Acq: 02 Oct 2020 09:19

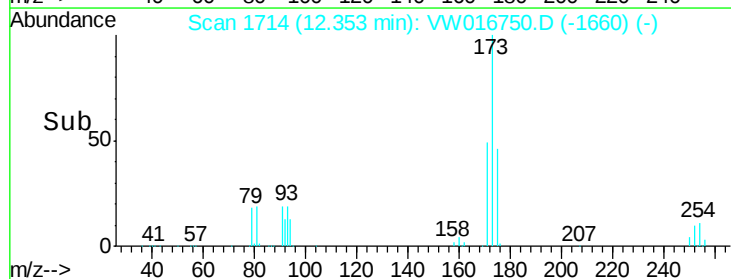
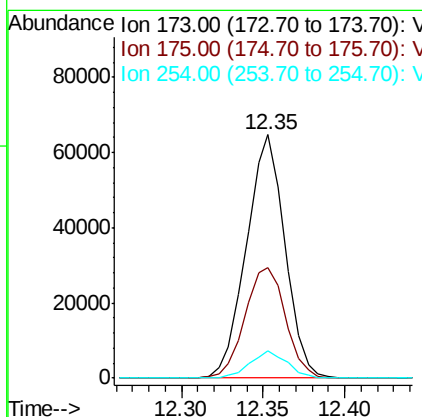
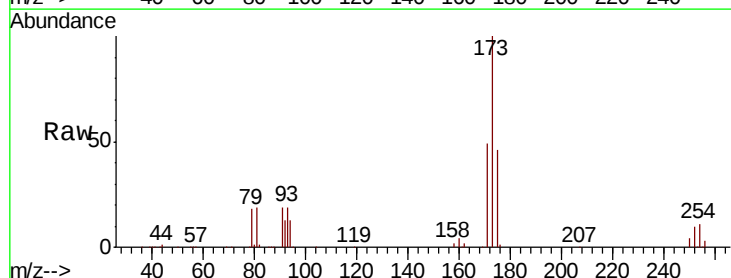
Instrument :
 MSVOA_W
 ClientSampleId :

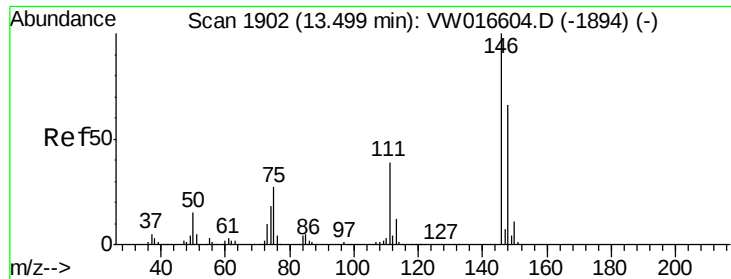
Tot Ion: 75 Resp: 112355
 Ion Ratio Lower Upper
 75 100
 77 32.5 26.2 39.4



#62
 Bromoform
 Concen: 22.706 ug/L
 RT: 12.35 min Scan# 1714
 Delta R.T. 0.00 min
 Lab File: VW016750.D
 Acq: 02 Oct 2020 09:19

Tgt Ion: 173 Resp: 106271
 Ion Ratio Lower Upper
 173 100
 175 47.9 38.6 57.8
 254 10.7 8.2 12.4

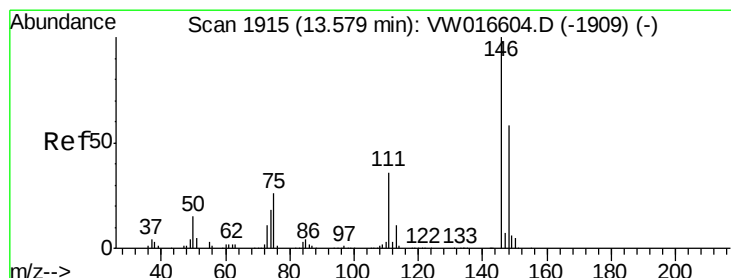
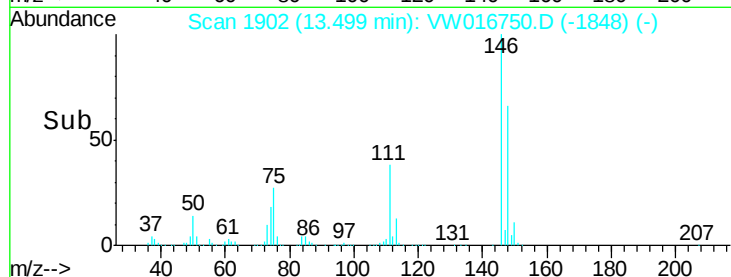
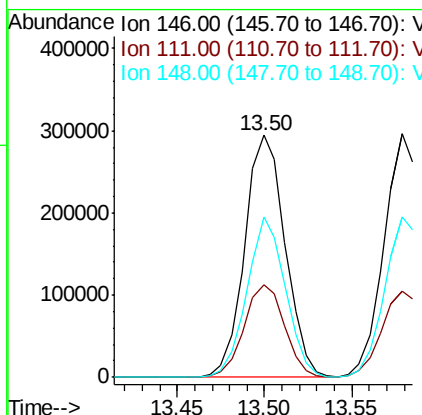
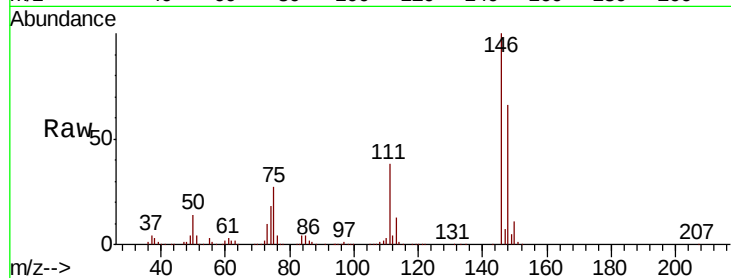




#63
 1,3-Dichlorobenzene
 Concen: 26.232 ug/L
 RT: 13.50 min Scan# 1902
 Delta R.T. 0.00 min
 Lab File: VW016750.D
 Acq: 02 Oct 2020 09:19

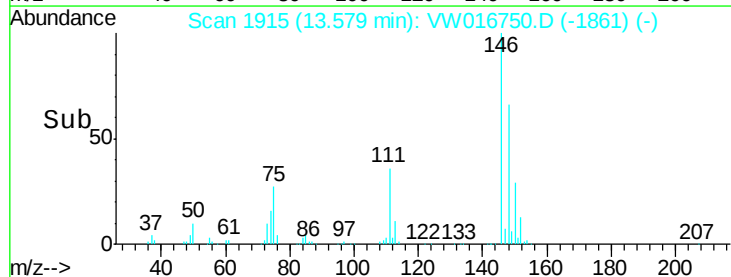
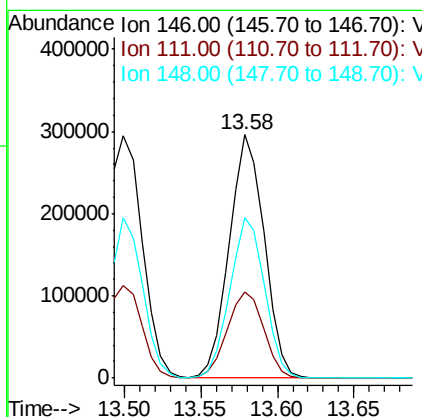
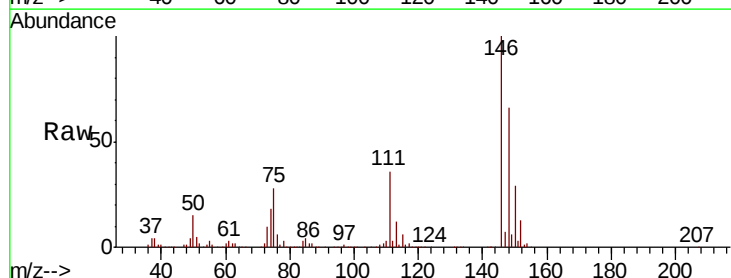
Instrument :
 MSVOA_W
 ClientSampleId :

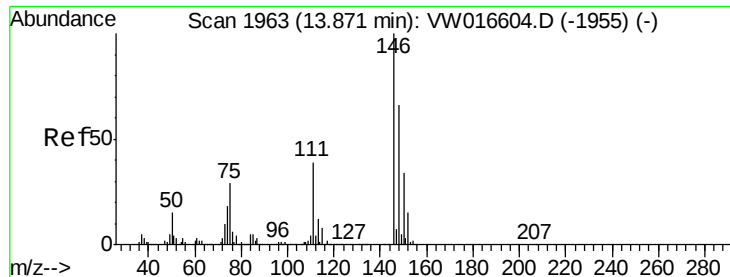
Tot Ion:146 Resp: 473460
 Ion Ratio Lower Upper
 146 100
 111 38.2 25.0 46.4
 148 66.1 44.0 81.8



#64
 1,4-Dichlorobenzene
 Concen: 26.600 ug/L
 RT: 13.58 min Scan# 1915
 Delta R.T. 0.00 min
 Lab File: VW016750.D
 Acq: 02 Oct 2020 09:19

Tgt Ion:146 Resp: 470162
 Ion Ratio Lower Upper
 146 100
 111 35.6 25.1 46.5
 148 66.0 42.3 78.5

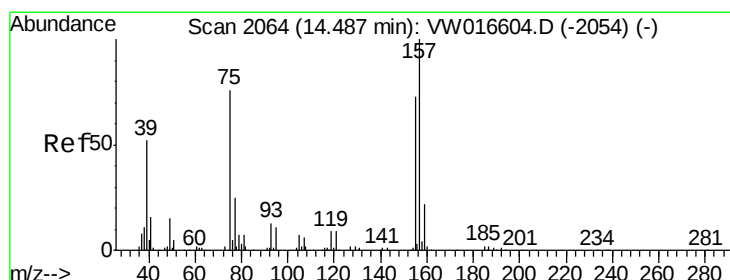
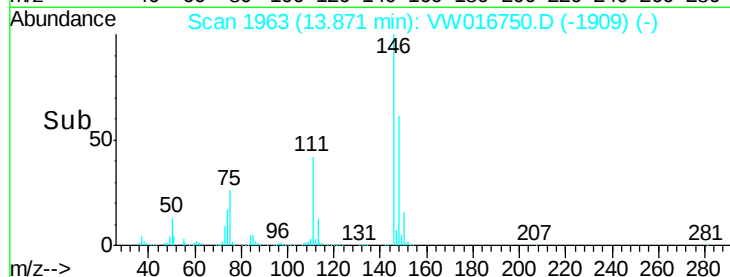
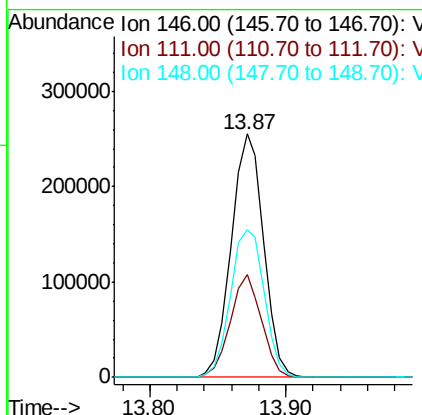
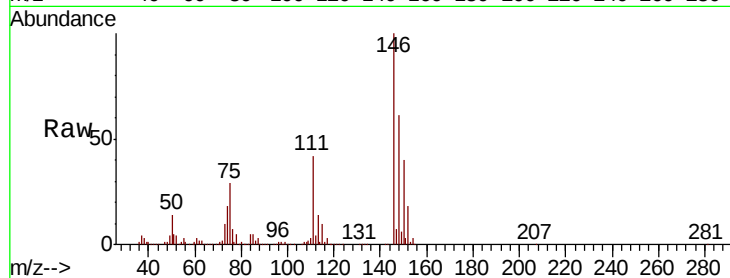




#65
 1,2-Dichlorobenzene
 Concen: 26.085 ug/L
 RT: 13.87 min Scan# 1963
 Delta R.T. 0.00 min
 Lab File: VW016750.D
 Acq: 02 Oct 2020 09:19

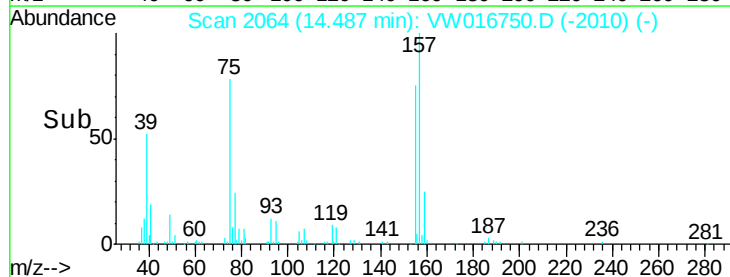
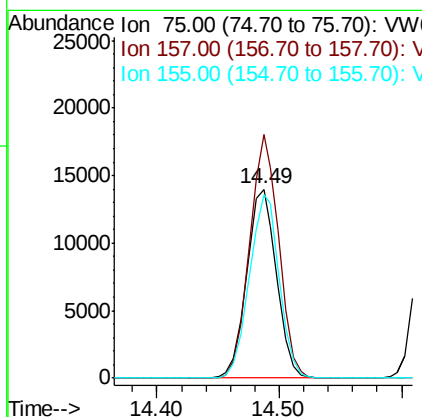
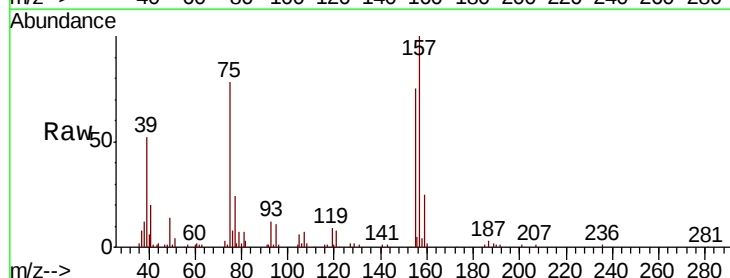
Instrument :
 MSVOA_W
 ClientSampleId :

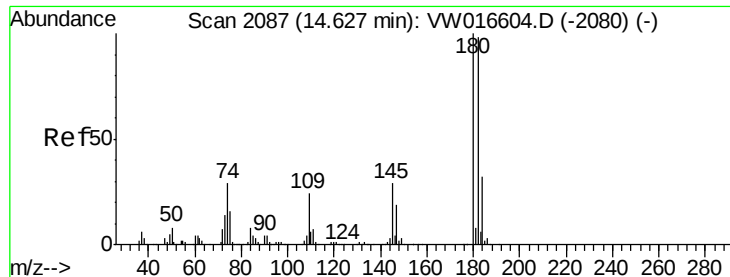
Tot Ion	Ion	Ratio	Lower	Upper
146	100			
111	42.1	31.4	47.0	
148	60.9	49.3	73.9	



#66
 1,2-Dibromo-3-chloropropane
 Concen: 20.413 ug/L
 RT: 14.49 min Scan# 2064
 Delta R.T. 0.00 min
 Lab File: VW016750.D
 Acq: 02 Oct 2020 09:19

Tgt Ion	Ion	Ratio	Lower	Upper
75	100			
157	129.0	92.2	138.4	
155	97.0	73.5	110.3	

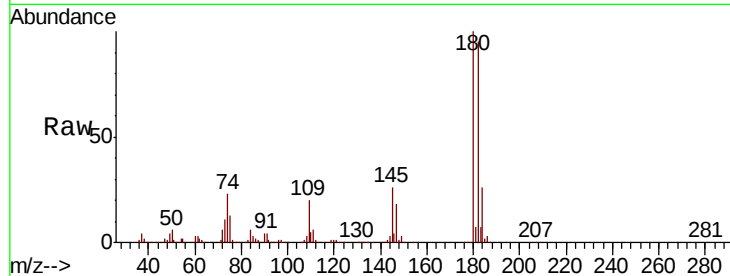




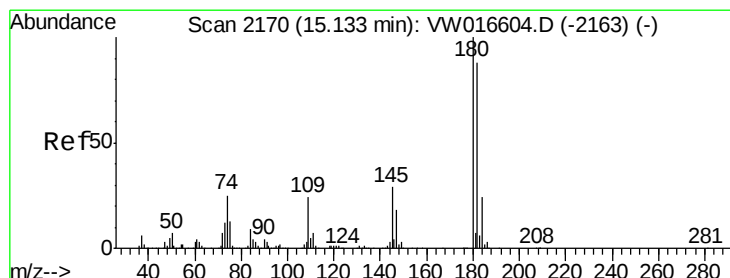
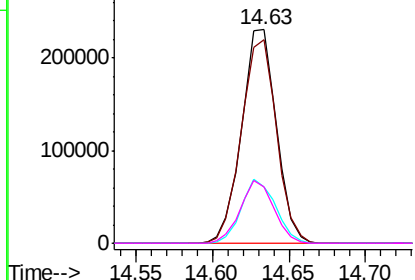
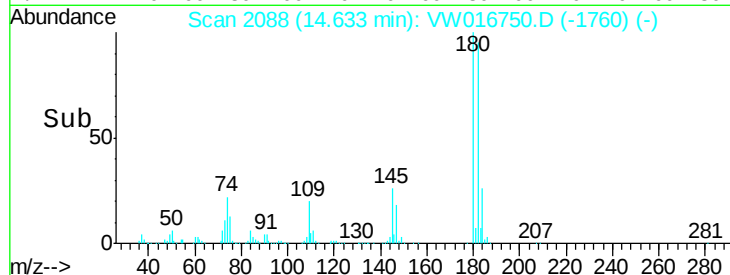
#67
 1,3,5-Trichlorobenzene
 Concen: 27.623 ug/L
 RT: 14.63 min Scan# 2087
 Delta R.T. 0.00 min
 Lab File: VW016750.D
 Acq: 02 Oct 2020 09:19

Instrument :
 MSVOA_W
 ClientSampleId :

Tot Ion:180 Resp: 364624
 Ion Ratio Lower Upper
 180 100
 182 96.5 73.8 110.8
 184 29.5 23.7 35.5
 145 28.2 22.8 34.2

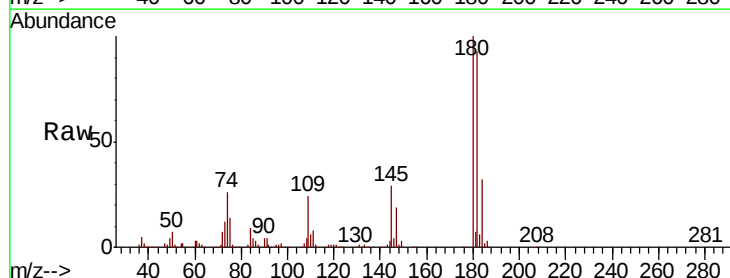


Abundance Ion 180.00 (179.70 to 180.70): V
 Ion 182.00 (181.70 to 182.70): V
 Ion 184.00 (183.70 to 184.70): V
 Ion 145.00 (144.70 to 145.70): V

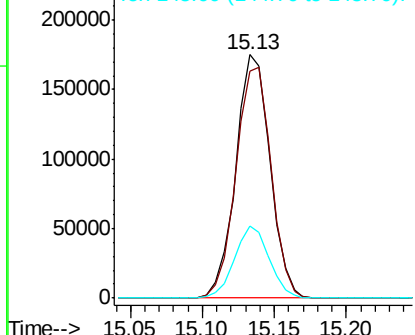
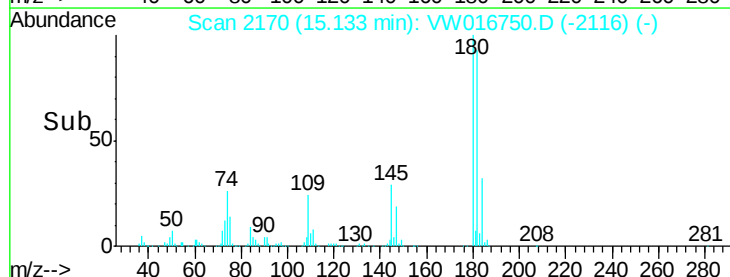


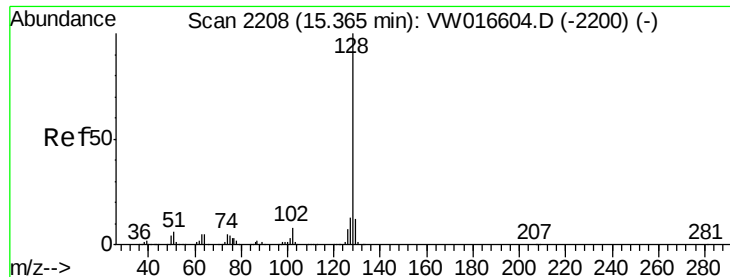
#68
 1,2,4-trichlorobenzene
 Concen: 27.217 ug/L
 RT: 15.13 min Scan# 2170
 Delta R.T. 0.00 min
 Lab File: VW016750.D
 Acq: 02 Oct 2020 09:19

Tgt Ion:180 Resp: 290623
 Ion Ratio Lower Upper
 180 100
 182 97.1 74.5 111.7
 145 29.6 23.1 34.7



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





#69

Naphthalene

Concen: 25.219 ug/L

RT: 15.37 min Scan# 2209

Delta R.T. 0.00 min

Lab File: VW016750.D

Acq: 02 Oct 2020 09:19

Instrument :

MSVOA_W

ClientSampleId :

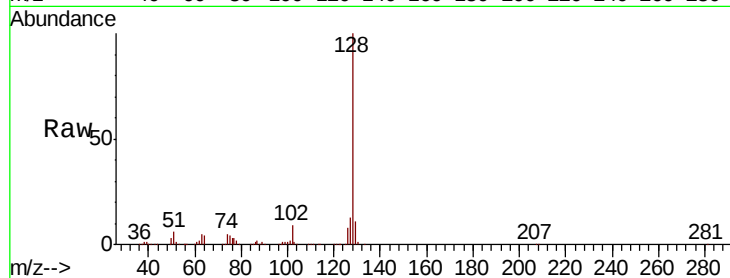
Tot Ion:128 Resp: 477365

Ion Ratio Lower Upper

128 100

129 10.7 8.9 13.3

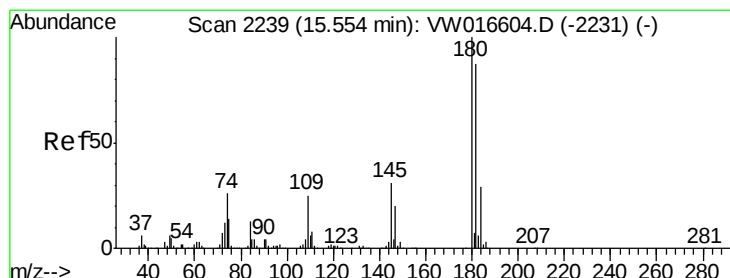
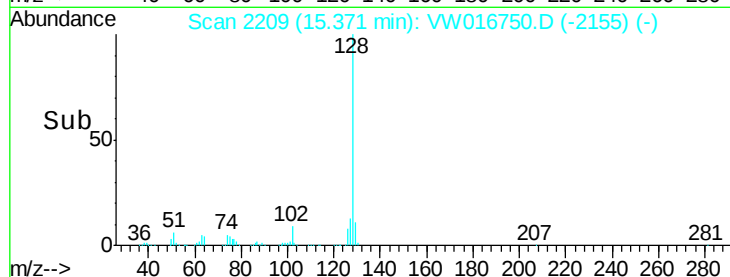
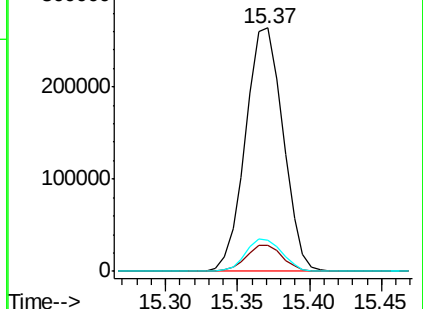
127 13.1 10.8 16.2



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 129.00 (128.70 to 129.70): V

Ion 127.00 (126.70 to 127.70): V



#70

1,2,3-Trichlorobenzene

Concen: 26.738 ug/L

RT: 15.55 min Scan# 2239

Delta R.T. -0.01 min

Lab File: VW016750.D

Acq: 02 Oct 2020 09:19

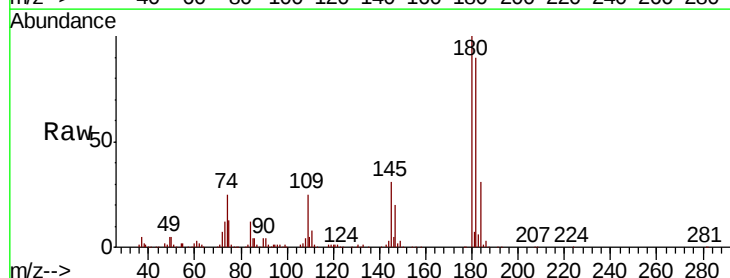
Tgt Ion:180 Resp: 245550

Ion Ratio Lower Upper

180 100

182 96.9 76.3 114.5

145 32.0 24.1 36.1



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

