

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW100120\
 Data File : VW016725.D
 Acq On : 01 Oct 2020 09:19
 Operator : SY/VA
 Sample : VSTDCCC025
 Misc : 5.00G/10ML/MSVOA W/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Oct 01 21:30:16 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM091520S.M
 Quant Title : VOC Analysis
 QLast Update : Thu Oct 01 11:16:43 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	594087	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	530987	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	274880	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.37	65	105427	18.33	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	73.32%
7) Chloroethane-d5	2.90	69	97961	20.86	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	83.44%
10) 1,1-Dichloroethene-d2	4.03	63	260654	20.27	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	81.08%
20) 2-Butanone-d5	7.09	46	70445	44.93	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	89.86%
24) Chloroform-d	7.65	84	319879	25.74	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	102.96%
26) 1,2-Dichloroethane-d4	8.31	65	154275	24.18	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	96.72%
29) Benzene-d6	8.28	84	538407	22.61	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	90.44%
33) 1,2-Dichloropropane-d6	9.28	67	160617	24.89	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	99.56%
37) Toluene-d8	10.32	98	483691	20.65	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	82.60%
38) trans-1,3-Dichloropropene-	10.58	79	72367	22.24	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	88.96%
39) 2-Hexanone-d5	10.93	63	60595	51.62	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	103.24%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	144930	26.39	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	105.56%
61) 1,2-Dichlorobenzene-d4	13.85	152	223947	25.50	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	102.00%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
2) Dichlorodifluoromethane	2.03	85	183983	25.069	ug/L	99
3) Chloromethane	2.23	50	143214	26.669	ug/L	99
5) Vinyl chloride	2.38	62	212412	26.804	ug/L	98
6) Bromomethane	2.80	94	145033	24.120	ug/L	98
8) Chloroethane	2.94	64	123464	26.336	ug/L	98
9) Trichlorofluoromethane	3.28	101	173273	21.687	ug/L	99
11) 1,1,2-Trichloro-1,2,2-trif	4.07	101	207613	27.124	ug/L	98
12) 1,1-Dichloroethene	4.05	96	199086	26.457	ug/L	93
13) Acetone	4.15	43	45072	36.700	ug/L	94
14) Carbon disulfide	4.40	76	538789	23.733	ug/L	99
15) Methyl Acetate	4.68	43	59118	21.140	ug/L	97
16) Methylene chloride	4.93	84	191359	20.884	ug/L	98
17) Methyl tert-butyl Ether	5.43	73	227927	22.114	ug/L	98
18) trans-1,2-Dichloroethene	5.43	96	203348	26.094	ug/L	98
19) 1,1-Dichloroethane	6.22	63	323676	26.265	ug/L	98
21) 2-Butanone	7.18	43	73101	34.987	ug/L	95
22) cis-1,2-Dichloroethene	7.18	96	214688	26.552	ug/L	98

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 Response via : Initial Calibration

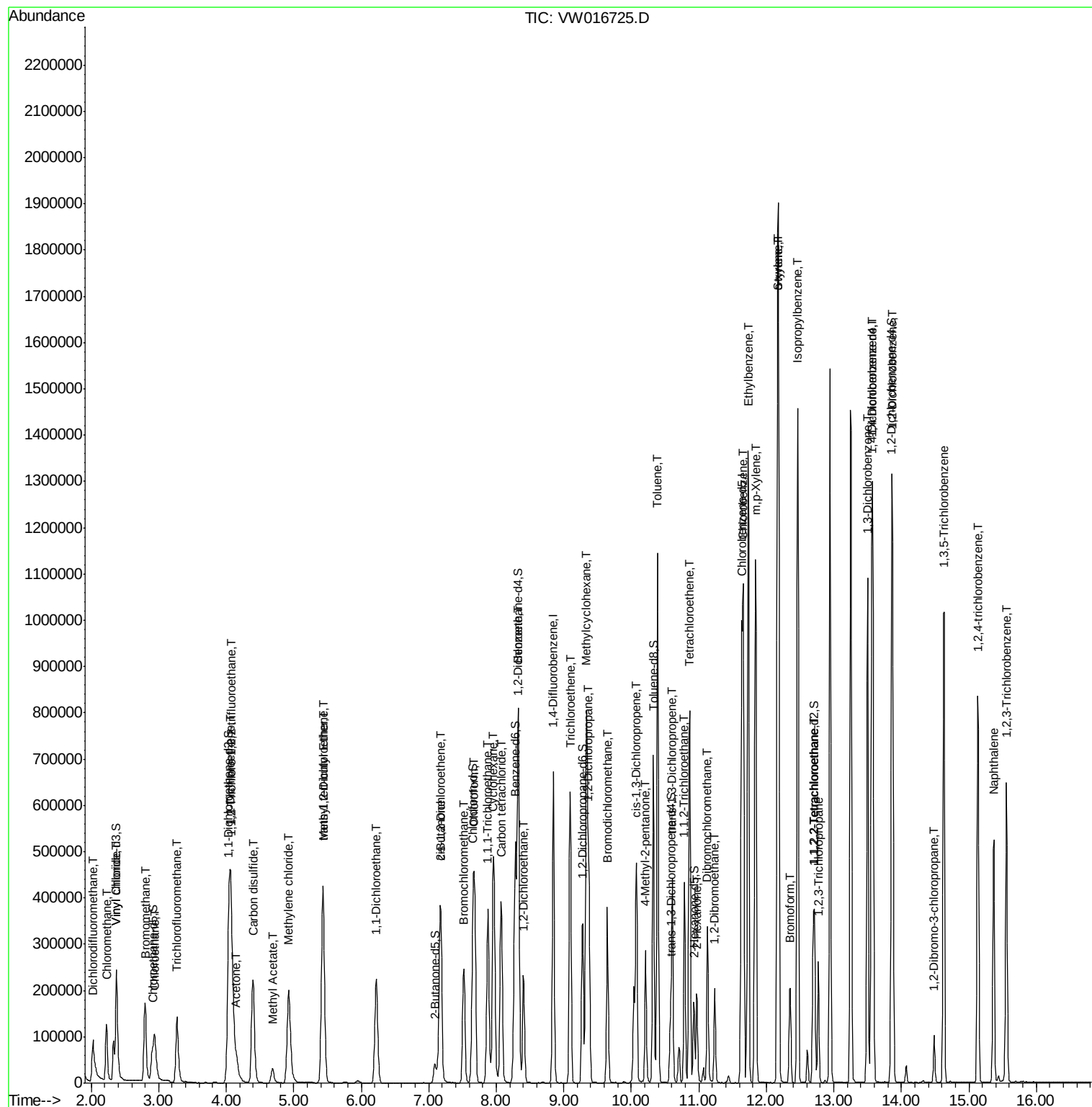
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	7.52	128	100536	25.576	ug/L	95
25) Chloroform	7.68	83	356417	26.527	ug/L	99
27) 1,2-Dichloroethane	8.40	62	213179	24.728	ug/L	100
30) Cyclohexane	7.96	56	289927	24.986	ug/L	99
31) 1,1,1-Trichloroethane	7.88	97	313262	25.261	ug/L	99
32) Carbon tetrachloride	8.07	117	310657	25.784	ug/L	97
34) Benzene	8.33	78	752464	26.439	ug/L	100
35) Trichloroethene	9.10	95	217650	26.432	ug/L	99
36) Methylcyclohexane	9.34	83	361641	25.893	ug/L	98
40) 1,2-Dichloropropane	9.37	63	173106	26.152	ug/L	99
41) Bromodichloromethane	9.65	83	249550	25.441	ug/L	96
42) cis-1,3-Dichloropropene	10.07	75	283515	25.076	ug/L	98
43) 4-Methyl-2-pentanone	10.21	43	170771	40.606	ug/L	97
44) Toluene	10.39	91	853552	26.671	ug/L	97
45) trans-1,3-Dichloropropene	10.61	75	244358	24.840	ug/L	99
46) 1,1,2-Trichloroethane	10.79	97	140844	25.257	ug/L	99
47) Tetrachloroethene	10.87	164	196671	26.451	ug/L	90
49) 2-Hexanone	10.97	43	115269	43.188	ug/L	97
50) Dibromochloromethane	11.13	129	182001	24.998	ug/L	98
51) 1,2-Dibromoethane	11.24	107	137757	24.673	ug/L	98
52) Chlorobenzene	11.66	112	565026	26.285	ug/L	99
53) Ethylbenzene	11.73	91	964662	26.550	ug/L	94
54) m,p-Xylene	11.84	106	376110	26.436	ug/L	100
55) o-xylene	12.17	106	356904	26.185	ug/L	99
56) Styrene	12.18	104	610432	26.971	ug/L	99
57) Isopropylbenzene	12.46	105	994057	26.690	ug/L	99
58) 1,1,1,2,2-Tetrachloroethane	12.71	83	152130	24.396	ug/L	97
59) 1,2,3-Trichloropropane	12.77	75	108785	23.421	ug/L	99
62) Bromoform	12.35	173	100574	21.693	ug/L	98
63) 1,3-Dichlorobenzene	13.50	146	465625	26.043	ug/L	98
64) 1,4-Dichlorobenzene	13.58	146	460228	26.285	ug/L	99
65) 1,2-Dichlorobenzene	13.87	146	408235	25.554	ug/L	90
66) 1,2-Dibromo-3-chloropropan	14.49	75	23840	20.818	ug/L	91
67) 1,3,5-Trichlorobenzene	14.63	180	350153	26.778	ug/L	96
68) 1,2,4-trichlorobenzene	15.13	180	290771	27.489	ug/L	99
69) Naphthalene	15.37	128	469379	25.032	ug/L	99
70) 1,2,3-Trichlorobenzene	15.56	180	247591	27.215	ug/L	99

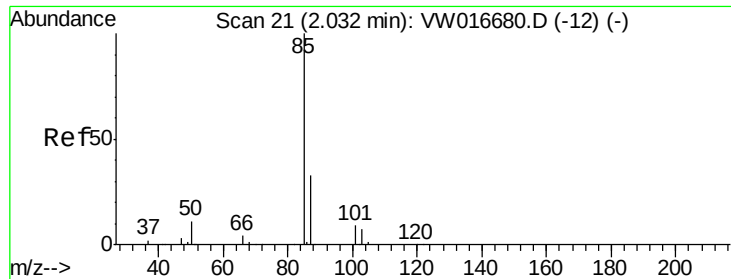
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#2

Dichlorodifluoromethane

Concen: 25.069 ug/L

RT: 2.03 min Scan# 20

Delta R.T. -0.00 min

Lab File: VW016725.D

Acq: 01 Oct 2020 09:19

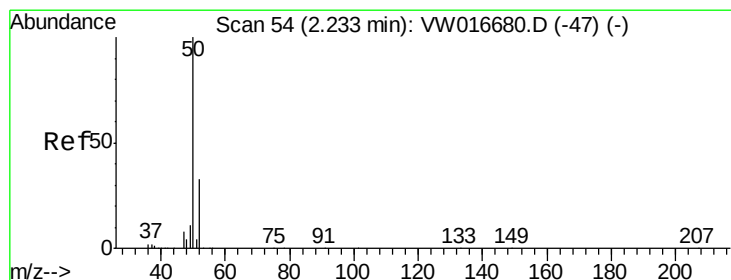
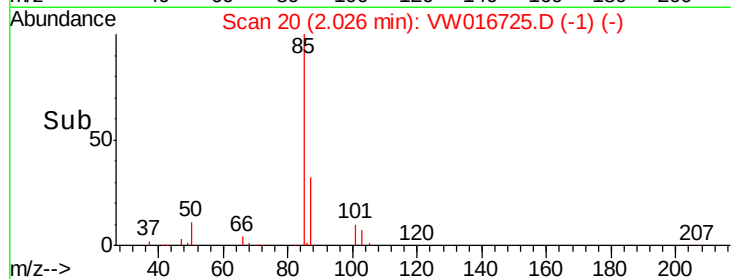
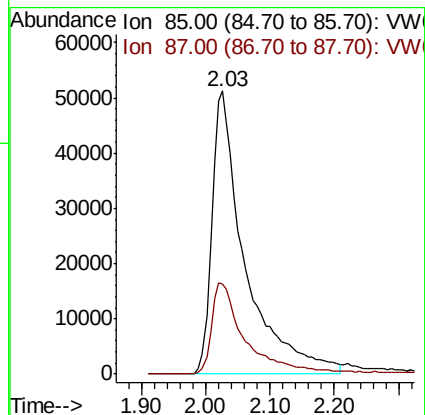
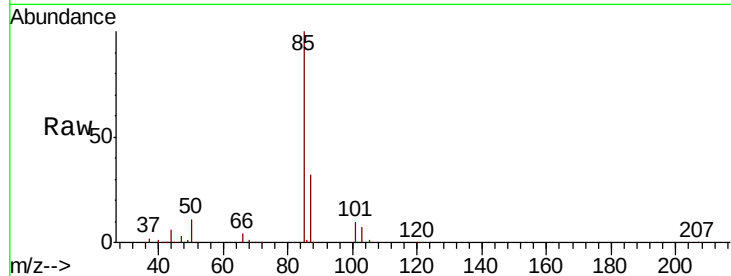
Instrument :
MSVOA_W
ClientSampleId :

Tot Ion: 85 Resp: 183983

Ion Ratio Lower Upper

85 100

87 31.2 22.2 41.2



#3

Chloromethane

Concen: 26.669 ug/L

RT: 2.23 min Scan# 53

Delta R.T. -0.00 min

Lab File: VW016725.D

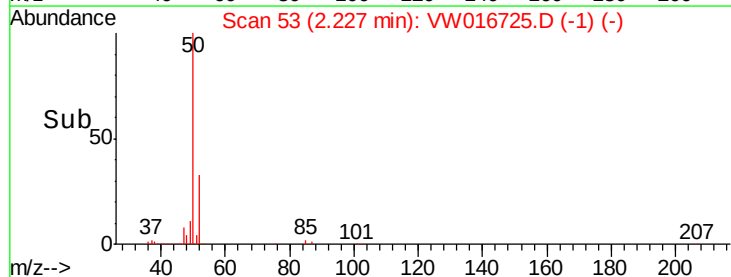
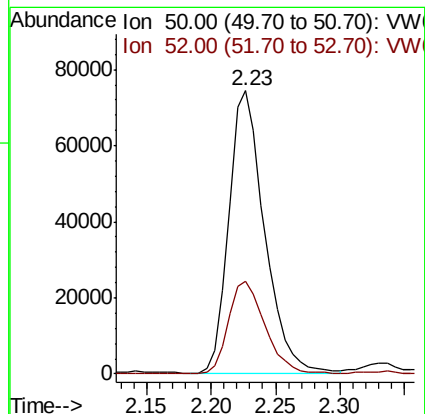
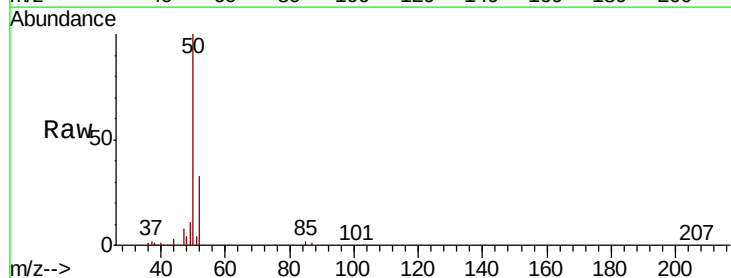
Acq: 01 Oct 2020 09:19

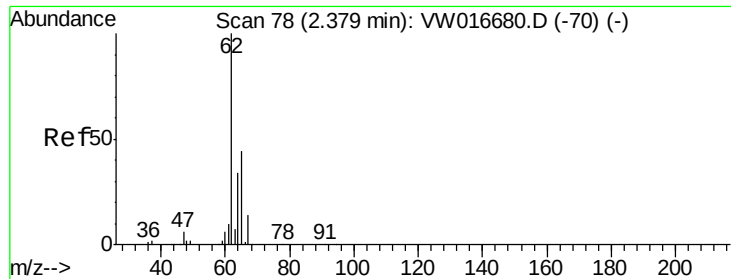
Tgt Ion: 50 Resp: 143214

Ion Ratio Lower Upper

50 100

52 32.7 22.4 41.6





#5

Vinyl chloride

Concen: 26.804 ug/L

RT: 2.38 min Scan# 78

Delta R.T. -0.00 min

Lab File: VW016725.D

Acq: 01 Oct 2020 09:19

Instrument :

MSVOA_W

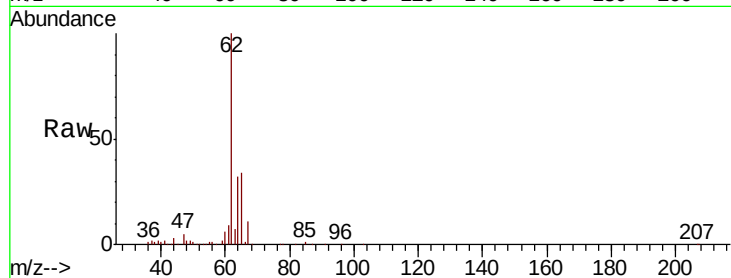
ClientSampled :

Tot Ion: 62 Resp: 212412

Ion Ratio Lower Upper

62 100

64 32.1 23.4 43.4



Abundance Ion 62.00 (61.70 to 62.70): VW

Ion 64.00 (63.70 to 64.70): VW

2.38

100000

80000

60000

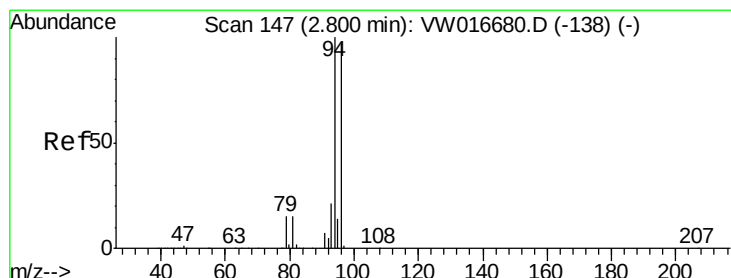
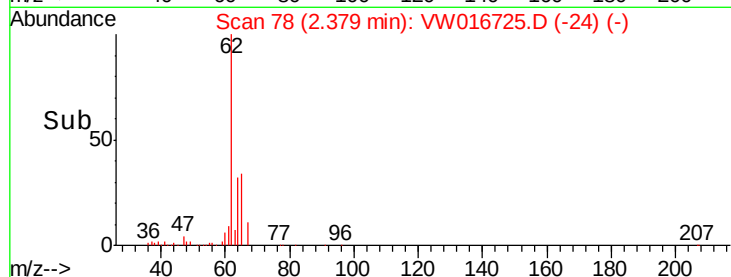
40000

20000

0

Time-->

2.30 2.40 2.50



#6

Bromomethane

Concen: 24.120 ug/L

RT: 2.80 min Scan# 147

Delta R.T. -0.00 min

Lab File: VW016725.D

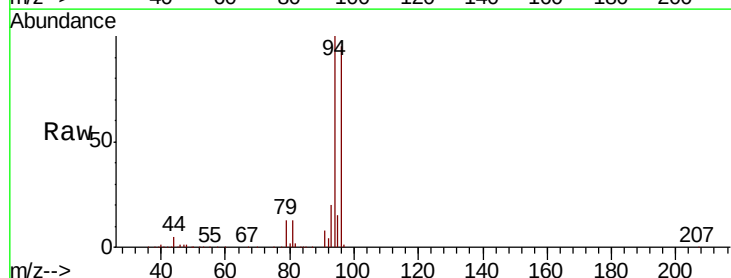
Acq: 01 Oct 2020 09:19

Tgt Ion: 94 Resp: 145033

Ion Ratio Lower Upper

94 100

96 94.0 9.6 181.6



Abundance Ion 94.00 (93.70 to 94.70): VW

Ion 96.00 (95.70 to 96.70): VW

2.80

60000

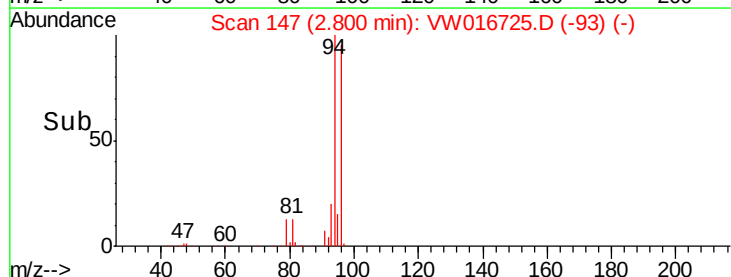
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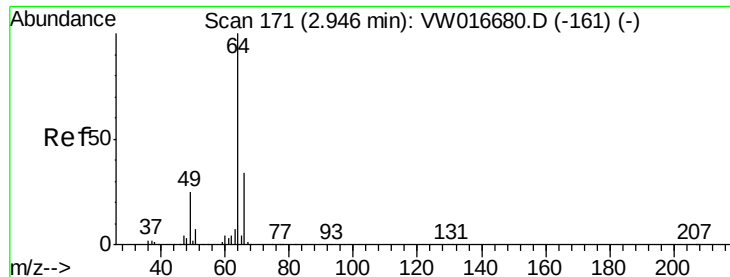
20000

0

Time-->

2.70 2.80 2.90





#8

Chloroethane

Concen: 26.336 ug/L

RT: 2.94 min Scan# 170

Delta R.T. -0.00 min

Lab File: VW016725.D

Acq: 01 Oct 2020 09:19

Instrument :

MSVOA_W

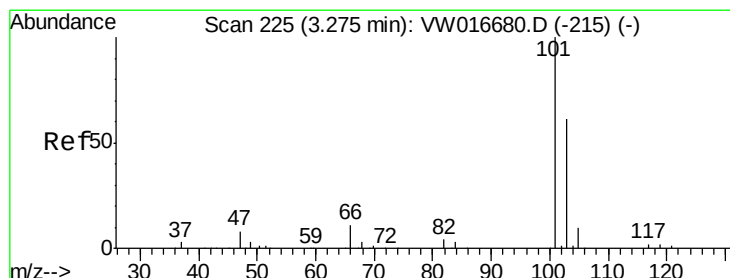
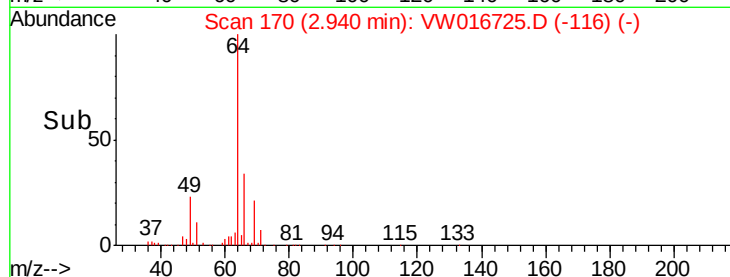
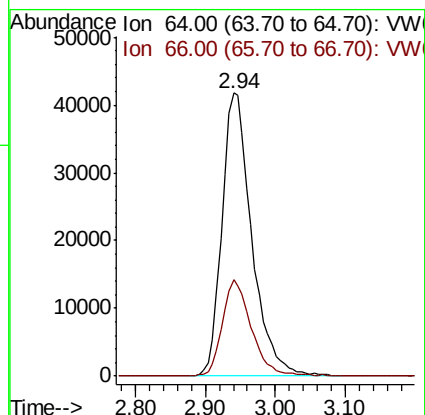
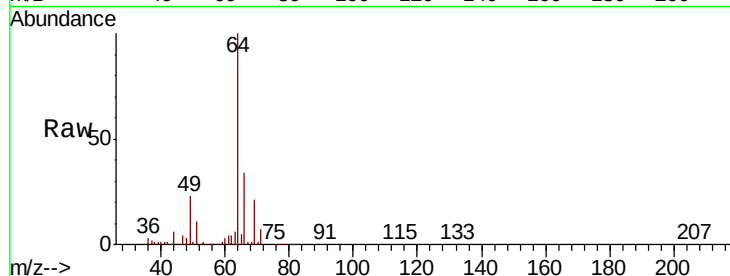
ClientSampleId :

Tot Ion: 64 Resp: 123464

Ion Ratio Lower Upper

64 100

66 34.1 23.2 43.2



#9

Trichlorofluoromethane

Concen: 21.687 ug/L

RT: 3.28 min Scan# 225

Delta R.T. -0.00 min

Lab File: VW016725.D

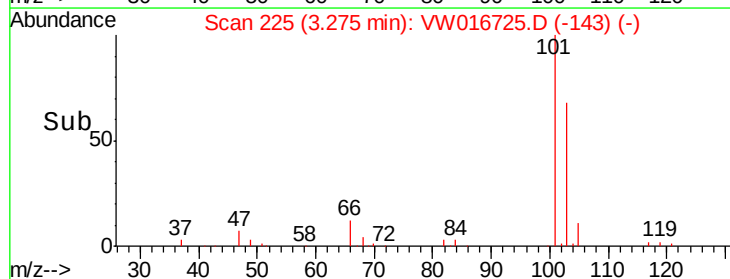
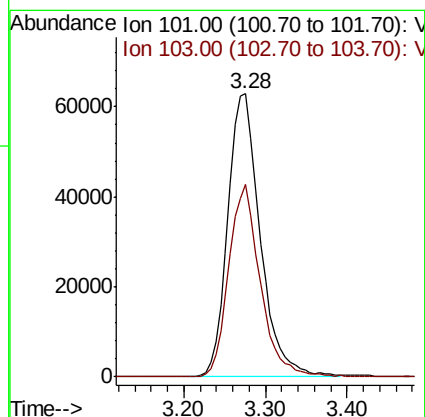
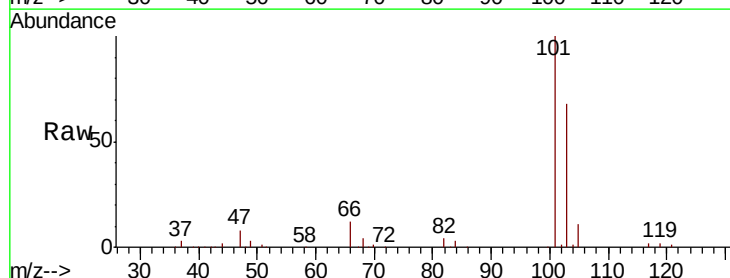
Acq: 01 Oct 2020 09:19

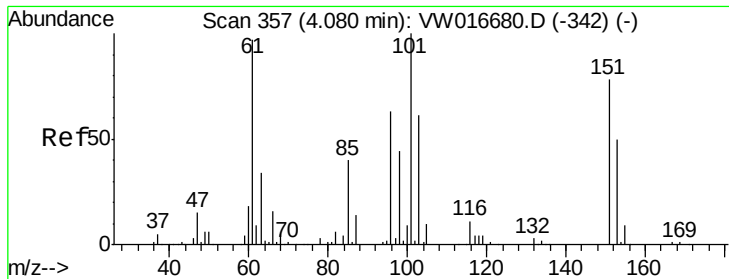
Tgt Ion: 101 Resp: 173273

Ion Ratio Lower Upper

101 100

103 65.6 45.2 84.0





#11

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

Concen: 27.124 ug/L

RT: 4.07 min Scan# 356

Delta R.T. -0.01 min

Lab File: VW016725.D

Acq: 01 Oct 2020 09:19

Instrument :

MSVOA_W

ClientSampleId :

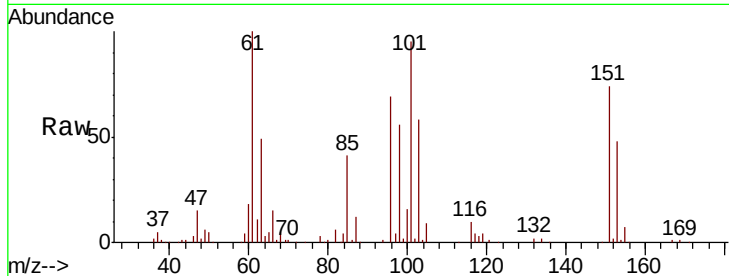
Tot Ion:101 Resp: 207613

Ion Ratio Lower Upper

101 100

85 41.3 32.6 49.0

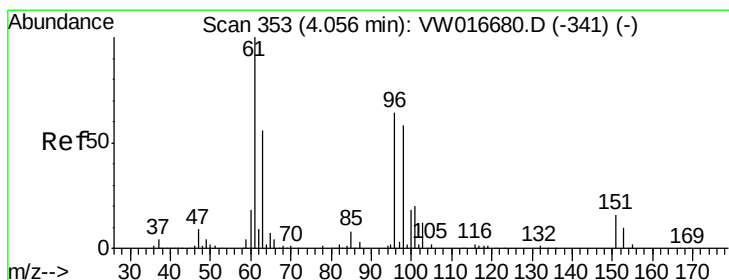
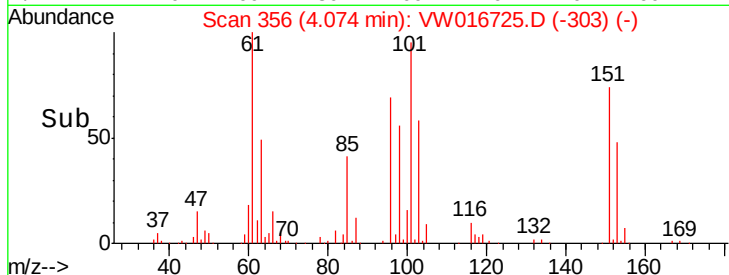
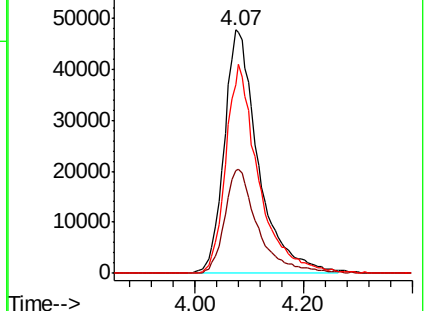
151 80.1 66.0 99.0



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: 26.457 ug/L

RT: 4.05 min Scan# 352

Delta R.T. -0.00 min

Lab File: VW016725.D

Acq: 01 Oct 2020 09:19

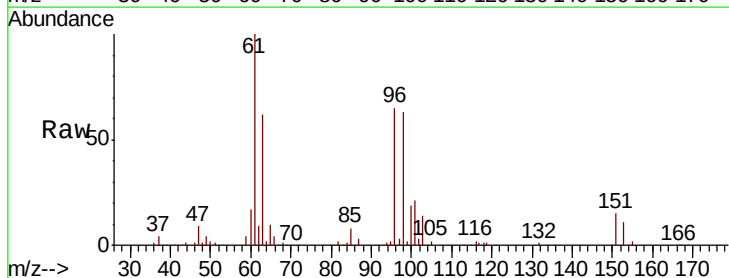
Tgt Ion: 96 Resp: 199086

Ion Ratio Lower Upper

96 100

61 153.2 111.4 206.8

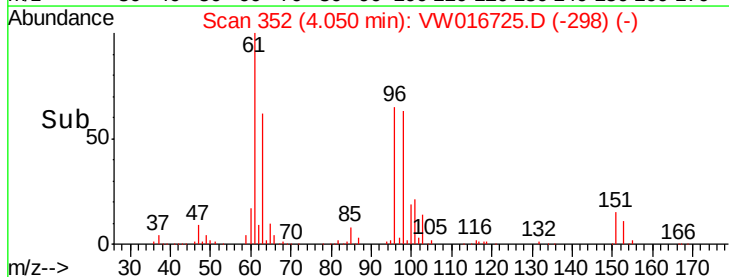
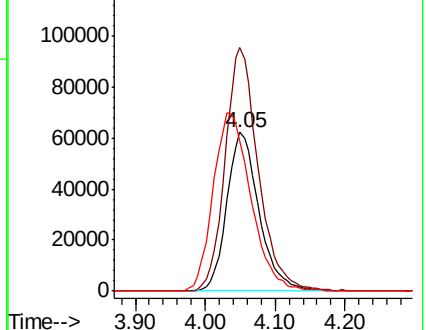
63 94.3 73.0 135.6

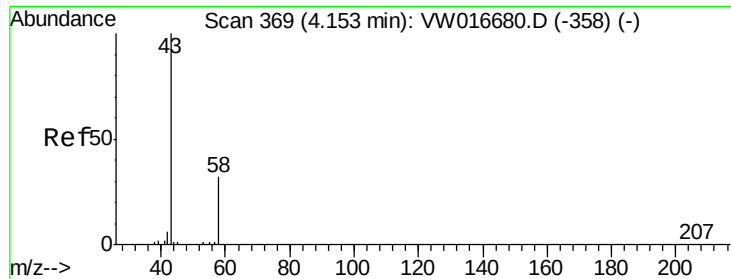


Abundance Ion 96.00 (95.70 to 96.70): VW

Ion 61.00 (60.70 to 61.70): VW

Ion 63.00 (62.70 to 63.70): VW





#13

Acetone

Concen: 36.700 ug/L

RT: 4.15 min Scan# 369

Delta R.T. -0.00 min

Lab File: VW016725.D

Acq: 01 Oct 2020 09:19

Instrument :

MSVOA_W

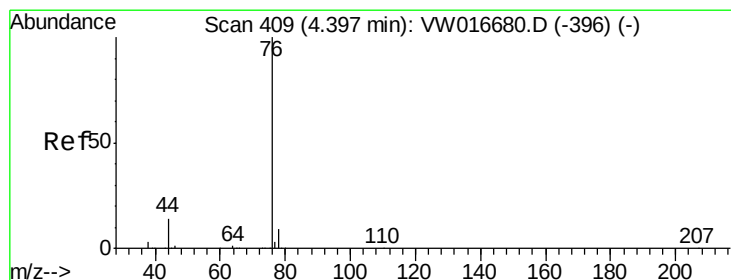
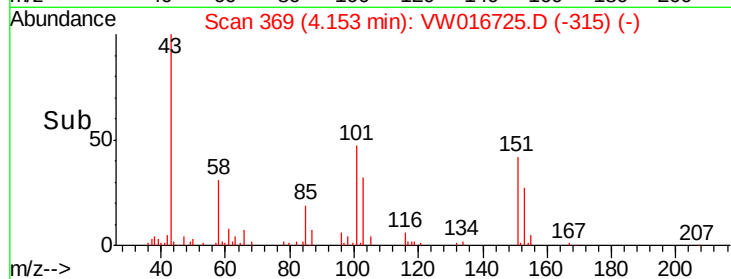
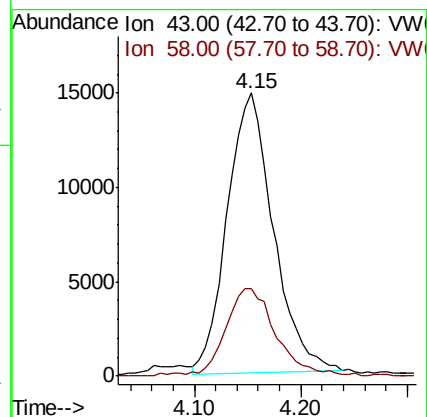
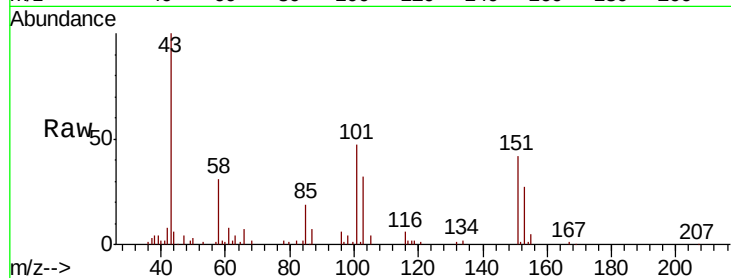
ClientSampled :

Tot Ion: 43 Resp: 45072

Ion Ratio Lower Upper

43 100

58 33.5 0.0 60.2



#14

Carbon disulfide

Concen: 23.733 ug/L

RT: 4.40 min Scan# 409

Delta R.T. -0.00 min

Lab File: VW016725.D

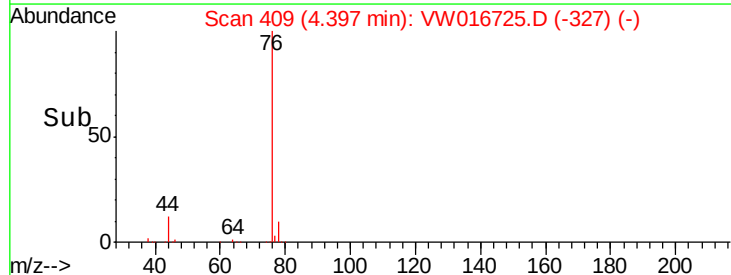
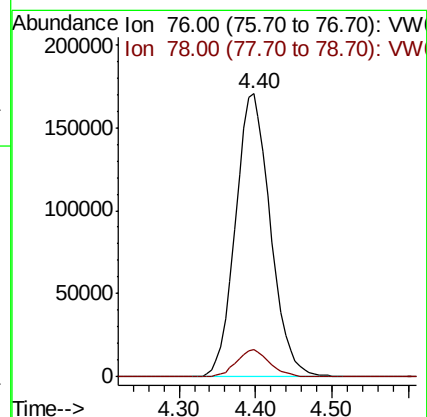
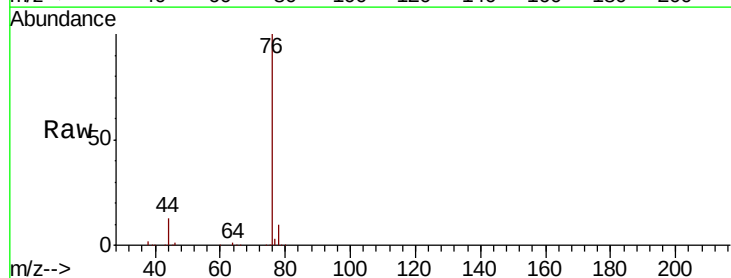
Acq: 01 Oct 2020 09:19

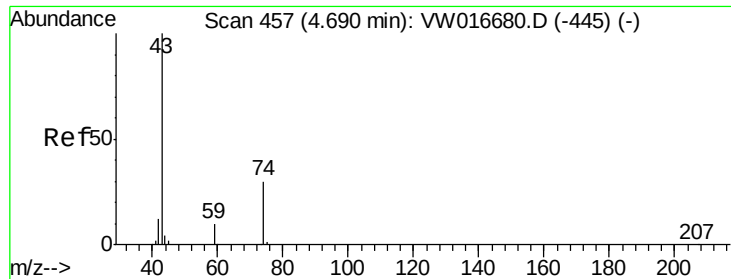
Tgt Ion: 76 Resp: 538789

Ion Ratio Lower Upper

76 100

78 9.6 7.3 10.9

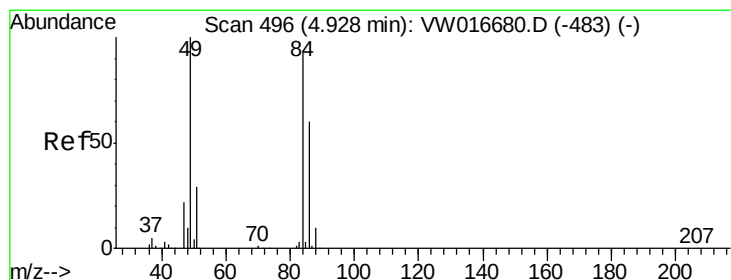
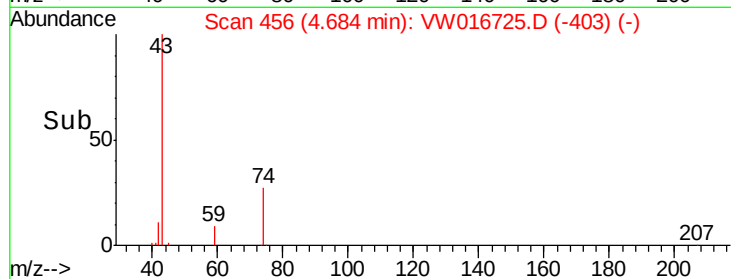
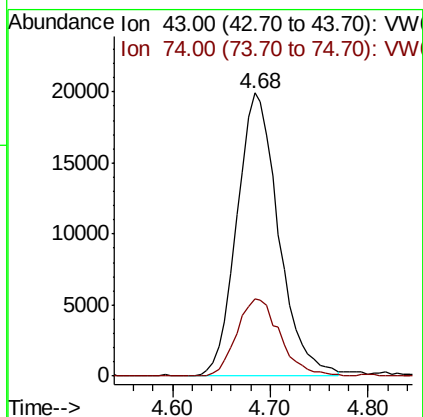
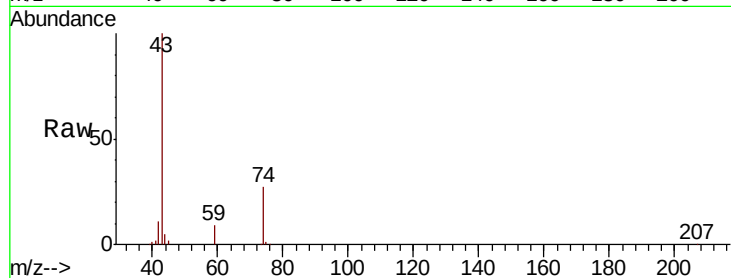




#15
Methyl Acetate
Concen: 21.140 ug/L
RT: 4.68 min Scan# 456
Delta R.T. -0.01 min
Lab File: VW016725.D
Acq: 01 Oct 2020 09:19

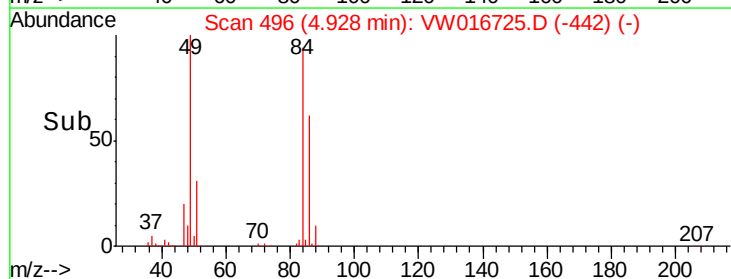
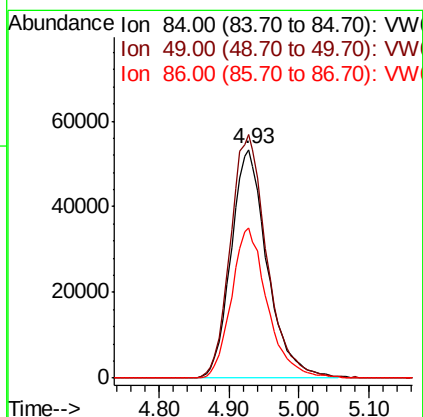
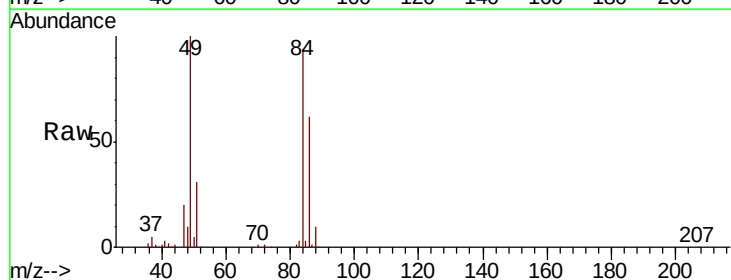
Instrument :
MSVOA_W
ClientSampled :

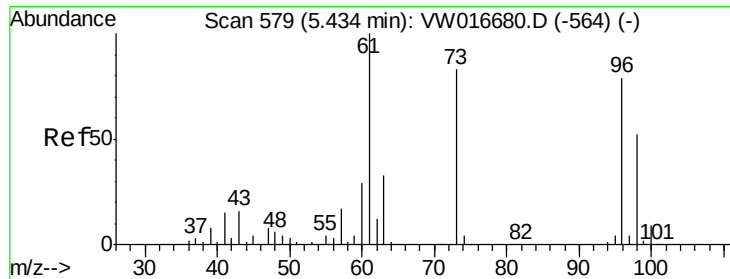
Tot Ion: 43 Resp: 59118
Ion Ratio Lower Upper
43 100
74 28.4 21.5 32.3



#16
Methylene chloride
Concen: 20.884 ug/L
RT: 4.93 min Scan# 496
Delta R.T. -0.00 min
Lab File: VW016725.D
Acq: 01 Oct 2020 09:19

Tgt Ion: 84 Resp: 191359
Ion Ratio Lower Upper
84 100
49 106.5 76.0 141.2
86 65.7 45.6 84.6

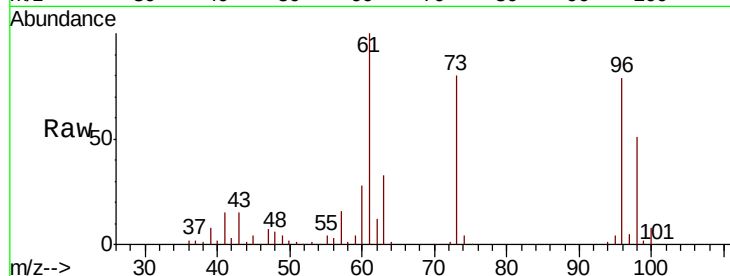




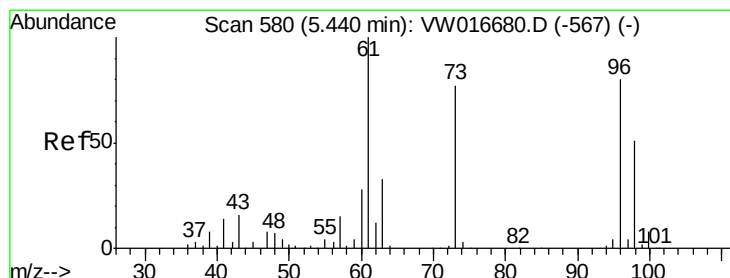
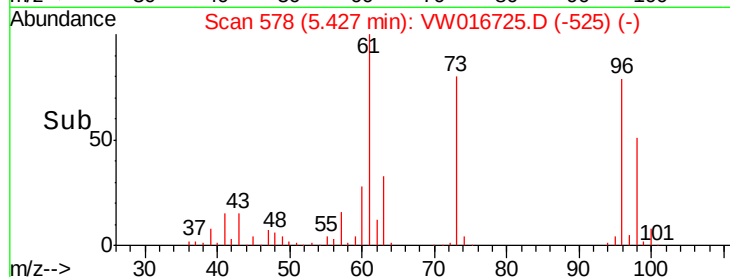
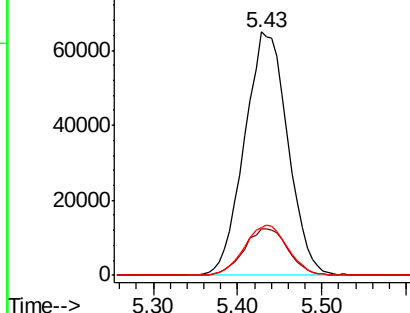
#17
Methyl tert-butyl Ether
Concen: 22.114 ug/L
RT: 5.43 min Scan# 578
Delta R.T. -0.01 min
Lab File: VW016725.D
Acq: 01 Oct 2020 09:19

Instrument :
MSVOA_W
ClientSampleId :

Tot Ion: 73 Resp: 227927
Ion Ratio Lower Upper
73 100
43 19.6 17.2 25.8
57 20.5 16.3 24.5

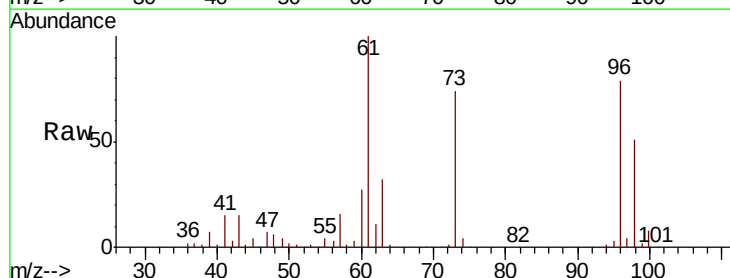


Abundance Ion 73.00 (72.70 to 73.70): VW
Ion 43.00 (42.70 to 43.70): VW
Ion 57.00 (56.70 to 57.70): VW

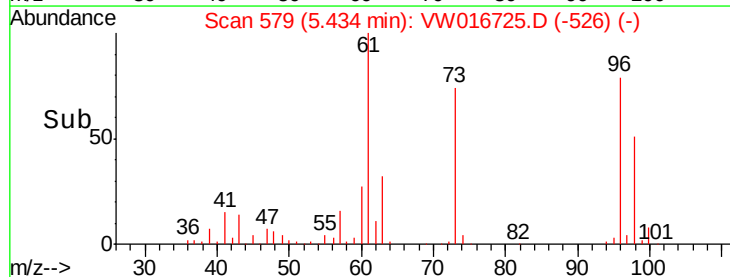
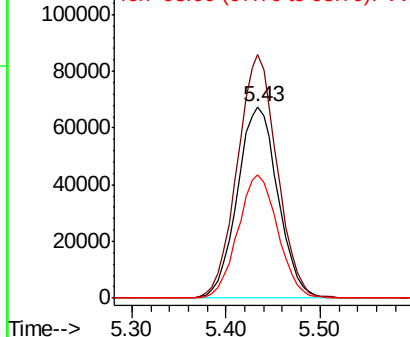


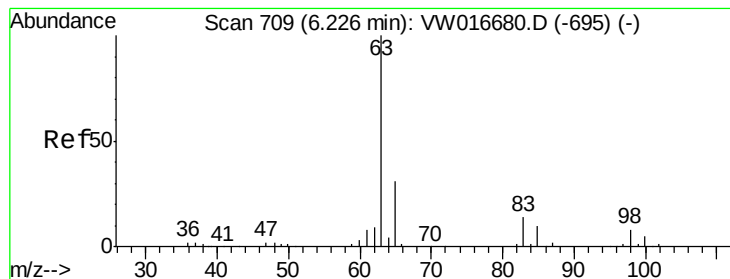
#18
trans-1,2-Dichloroethene
Concen: 26.094 ug/L
RT: 5.43 min Scan# 579
Delta R.T. -0.01 min
Lab File: VW016725.D
Acq: 01 Oct 2020 09:19

Tgt Ion: 96 Resp: 203348
Ion Ratio Lower Upper
96 100
61 127.0 88.4 164.2
98 64.5 43.0 80.0



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





#19

1,1-Dichloroethane

Concen: 26.265 ug/L

RT: 6.22 min Scan# 708

Delta R.T. -0.01 min

Lab File: VW016725.D

Acq: 01 Oct 2020 09:19

Instrument :

MSVOA_W

ClientSampled :

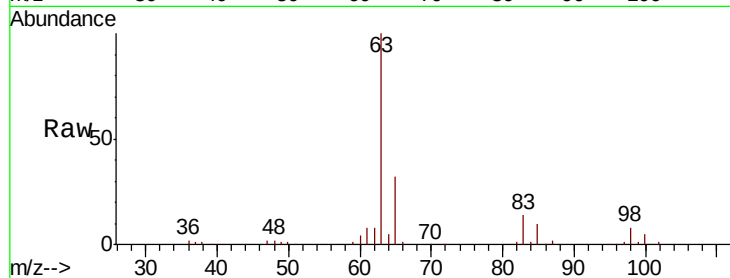
Tot Ion: 63 Resp: 323676

Ion Ratio Lower Upper

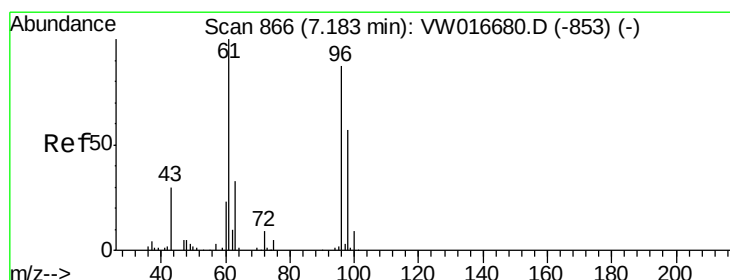
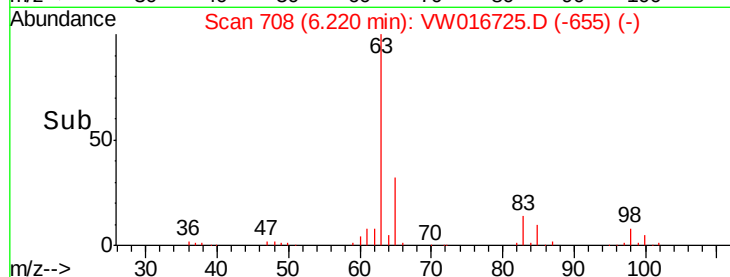
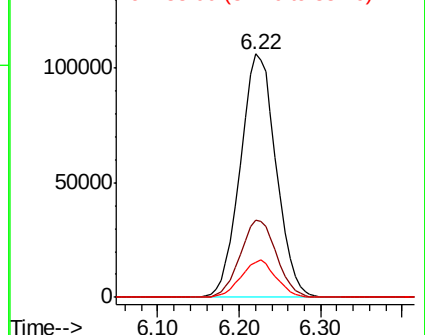
63 100

65 31.6 21.6 40.0

83 14.1 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: 34.987 ug/L

RT: 7.18 min Scan# 865

Delta R.T. -0.01 min

Lab File: VW016725.D

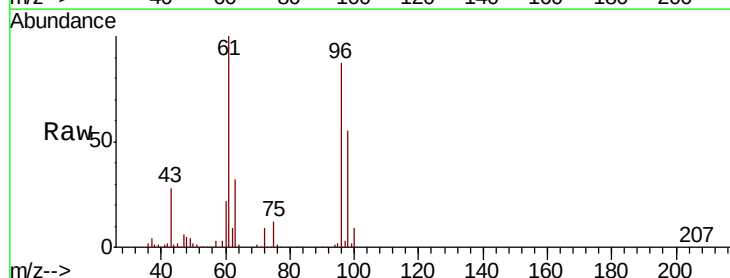
Acq: 01 Oct 2020 09:19

Tgt Ion: 43 Resp: 73101

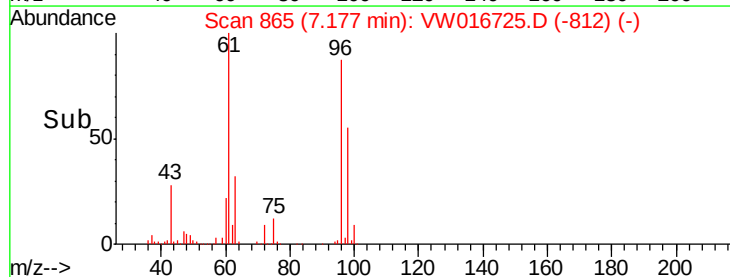
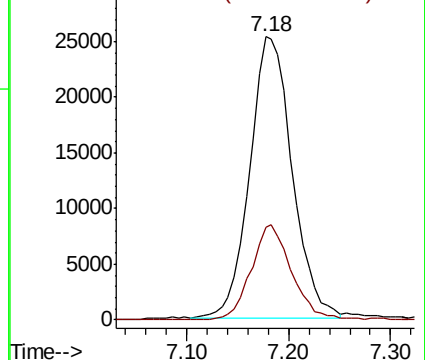
Ion Ratio Lower Upper

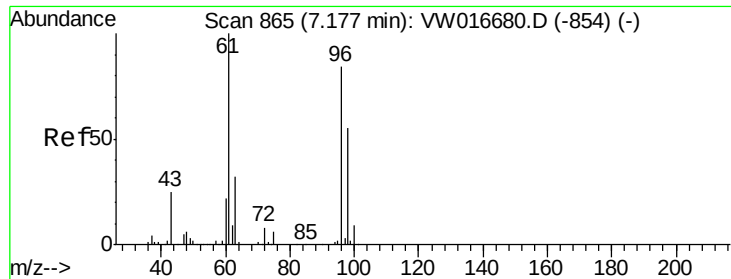
43 100

72 32.1 14.6 43.8



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



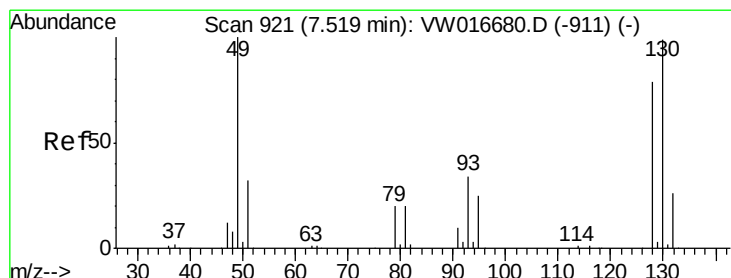
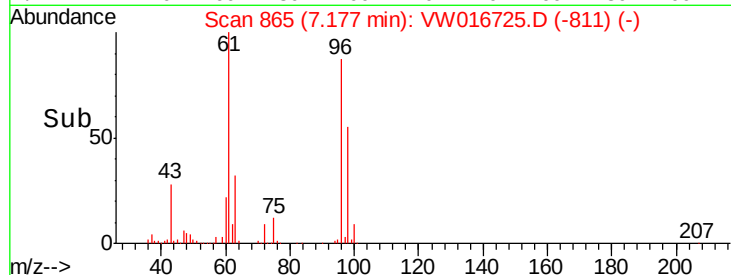
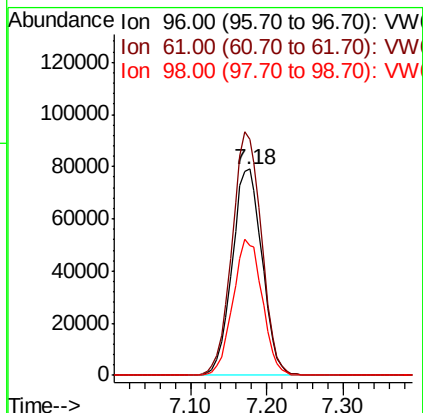
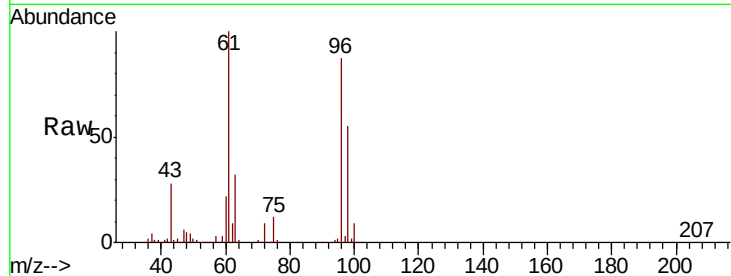


#22

cis-1,2-Dichloroethene
 Concen: 26.552 ug/L
 RT: 7.18 min Scan# 865
 Delta R.T. -0.00 min
 Lab File: VW016725.D
 Acq: 01 Oct 2020 09:19

Instrument :
 MSVOA_W
 ClientSampled :

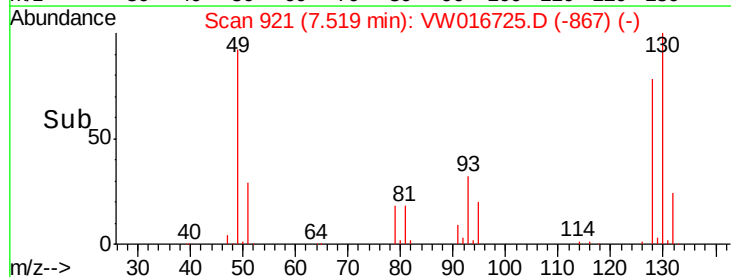
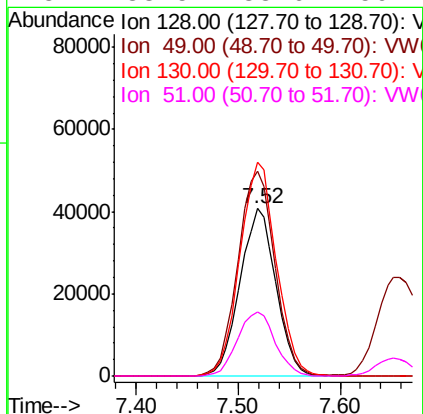
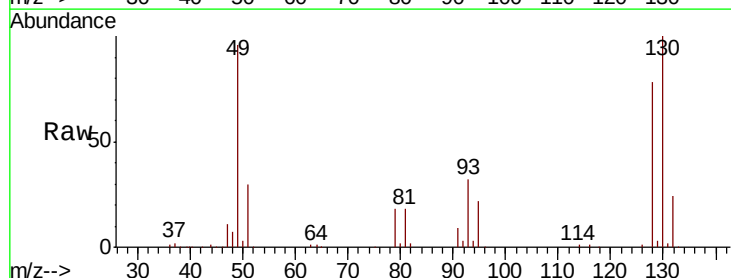
Tot Ion: 96 Resp: 214688
 Ion Ratio Lower Upper
 96 100
 61 114.4 78.4 145.6
 98 63.0 44.8 83.2

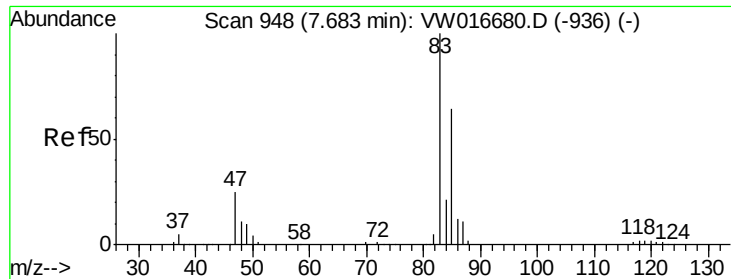


#23

Bromochloromethane
 Concen: 25.576 ug/L
 RT: 7.52 min Scan# 921
 Delta R.T. -0.00 min
 Lab File: VW016725.D
 Acq: 01 Oct 2020 09:19

Tgt Ion: 128 Resp: 100536
 Ion Ratio Lower Upper
 128 100
 49 122.6 92.1 171.1
 130 127.7 87.8 163.0
 51 38.5 33.6 50.4

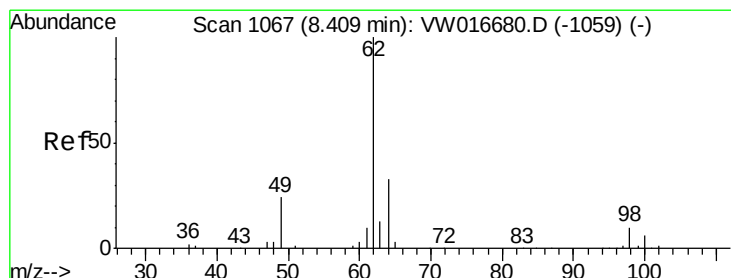
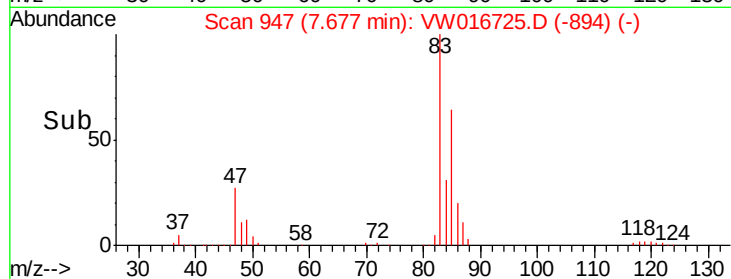
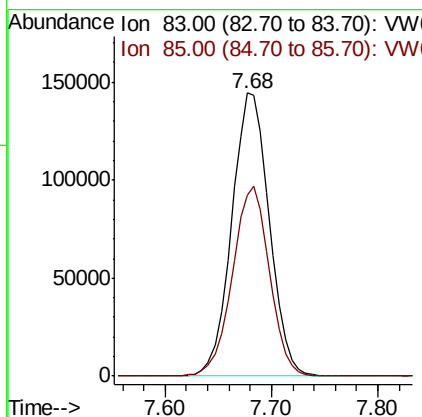
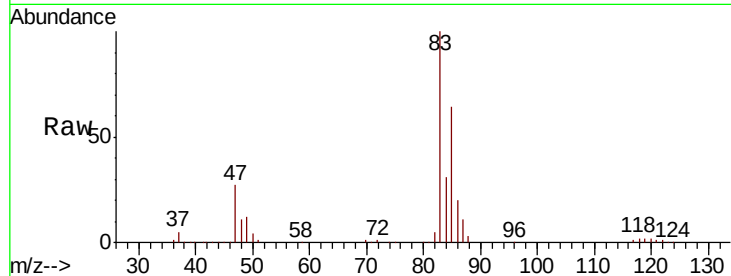




#25
Chloroform
Concen: 26.527 ug/L
RT: 7.68 min Scan# 947
Delta R.T. -0.01 min
Lab File: VW016725.D
Acq: 01 Oct 2020 09:19

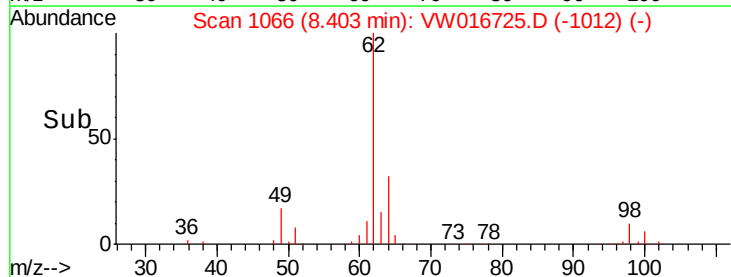
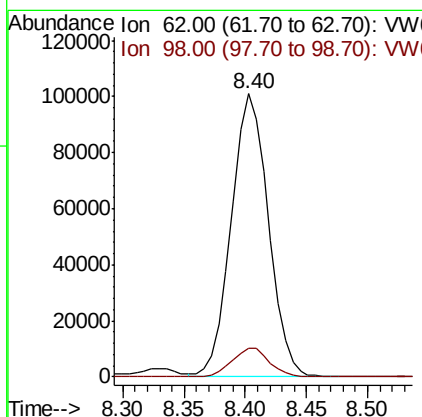
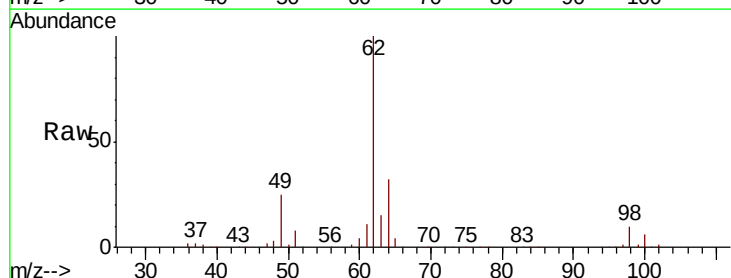
Instrument :
MSVOA_W
ClientSampleId :

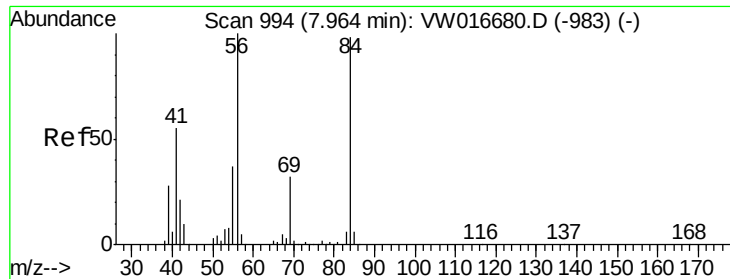
Tot Ion: 83 Resp: 356417
Ion Ratio Lower Upper
83 100
85 66.3 46.1 85.5



#27
1,2-Dichloroethane
Concen: 24.728 ug/L
RT: 8.40 min Scan# 1066
Delta R.T. -0.00 min
Lab File: VW016725.D
Acq: 01 Oct 2020 09:19

Tgt Ion: 62 Resp: 213179
Ion Ratio Lower Upper
62 100
98 10.0 7.9 11.9

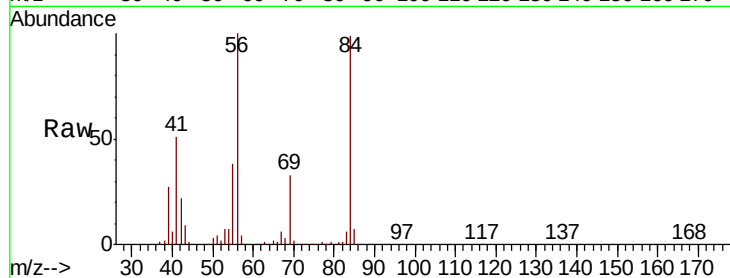




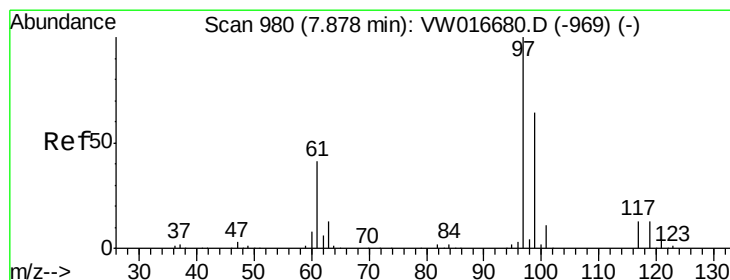
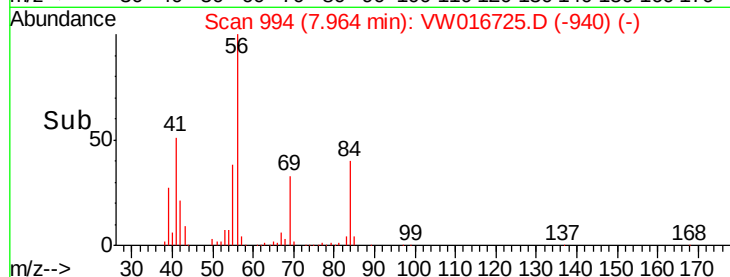
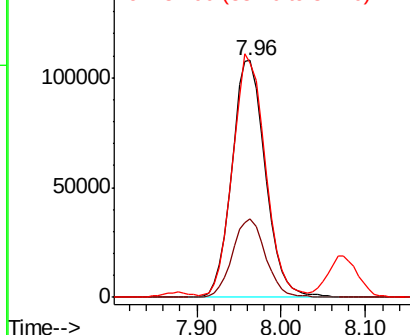
#30
Cyclohexane
Concen: 24.986 ug/L
RT: 7.96 min Scan# 994
Delta R.T. -0.00 min
Lab File: VW016725.D
Acq: 01 Oct 2020 09:19

Instrument :
MSVOA_W
ClientSampled :

Tot Ion	56	Resp	289927
Ion Ratio	Lower	Upper	
56	100		
69	32.9	26.5	39.7
84	100.3	79.0	118.6

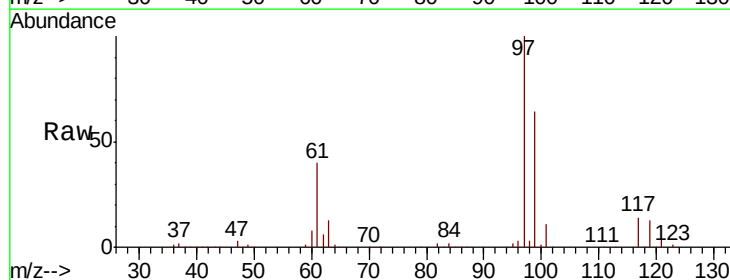


Abundance Ion 56.00 (55.70 to 56.70): VW
Ion 69.00 (68.70 to 69.70): VW
Ion 84.00 (83.70 to 84.70): VW

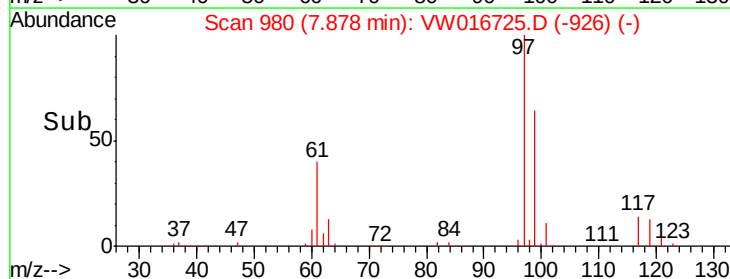
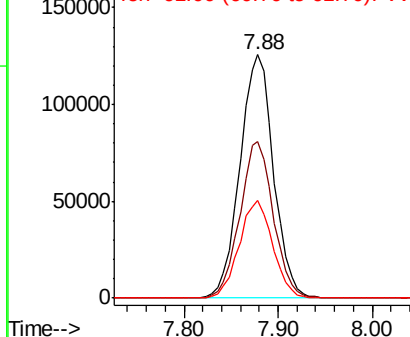


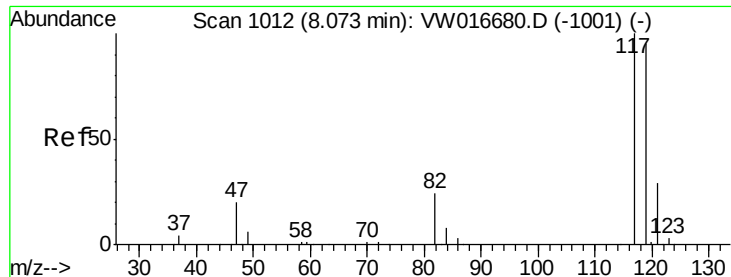
#31
1,1,1-Trichloroethane
Concen: 25.261 ug/L
RT: 7.88 min Scan# 980
Delta R.T. -0.00 min
Lab File: VW016725.D
Acq: 01 Oct 2020 09:19

Tgt Ion	97	Resp	313262
Ion Ratio	Lower	Upper	
97	100		
99	64.2	51.8	77.6
61	40.3	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: 25.784 ug/L

RT: 8.07 min Scan# 1012

Delta R.T. -0.00 min

Lab File: VW016725.D

Acq: 01 Oct 2020 09:19

Instrument :

MSVOA_W

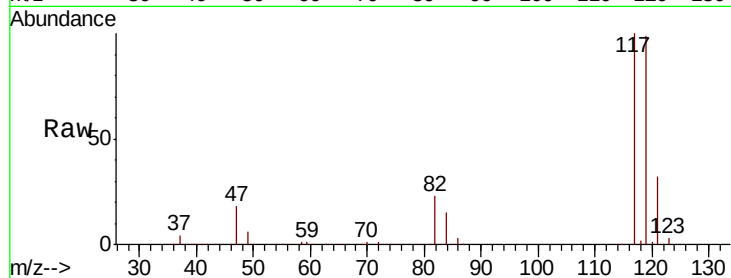
ClientSampled :

Tot Ion:117 Resp: 310657

Ion Ratio Lower Upper

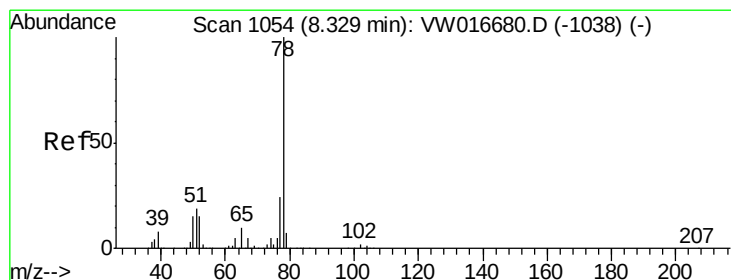
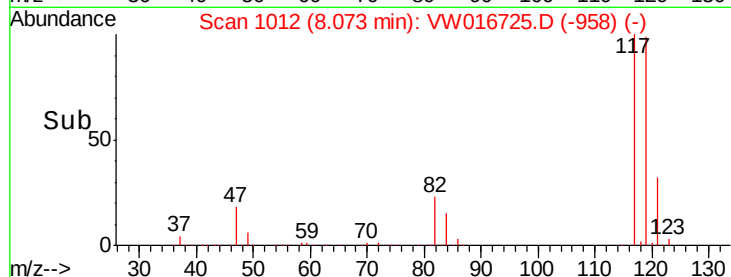
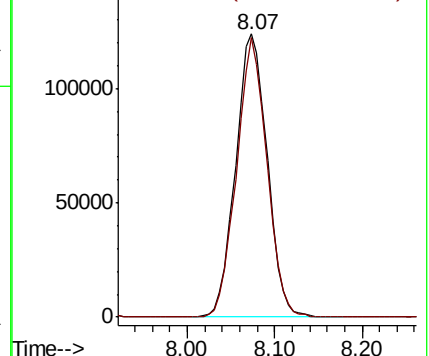
117 100

119 94.8 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: 26.439 ug/L

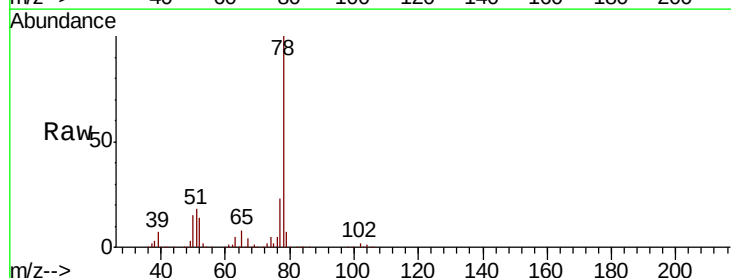
RT: 8.33 min Scan# 1054

Delta R.T. -0.00 min

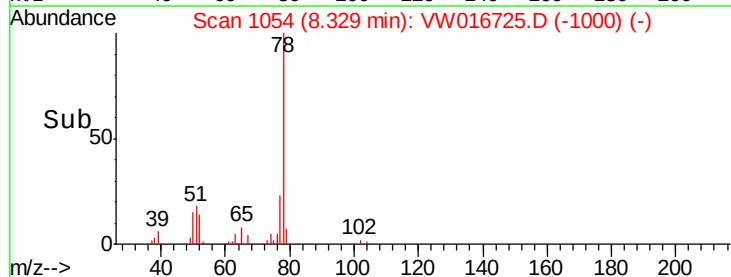
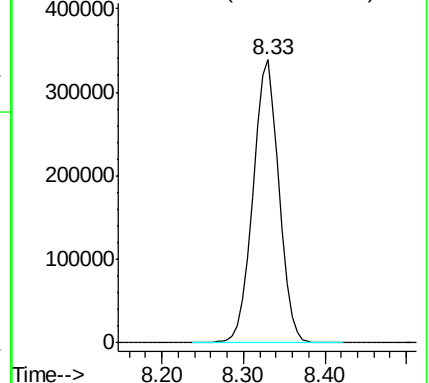
Lab File: VW016725.D

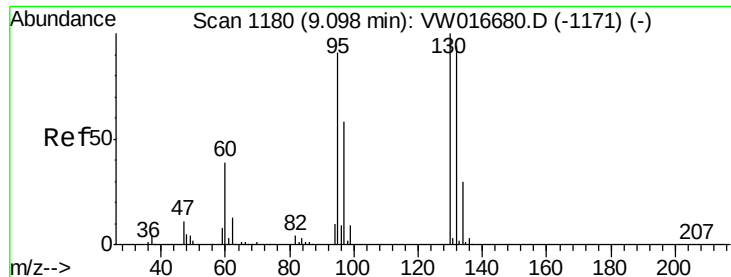
Acq: 01 Oct 2020 09:19

Tgt Ion: 78 Resp: 752464



Abundance Ion 78.00 (77.70 to 78.70): VW

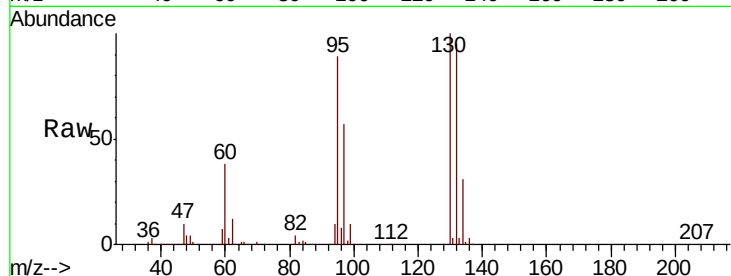




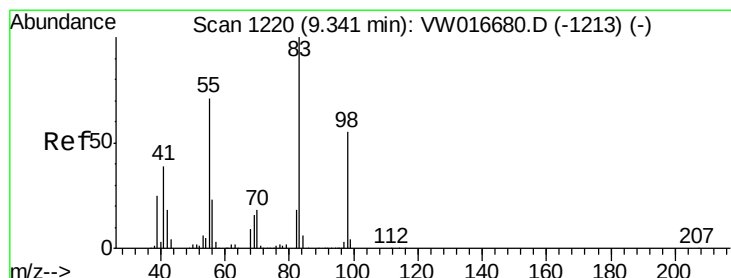
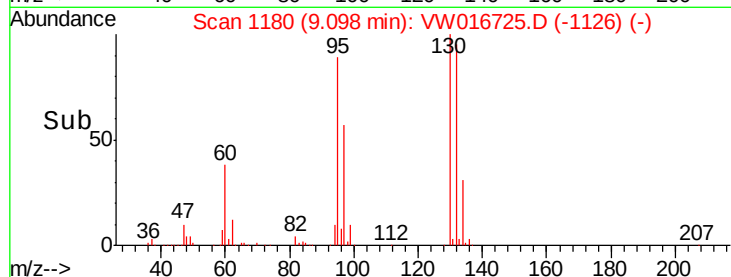
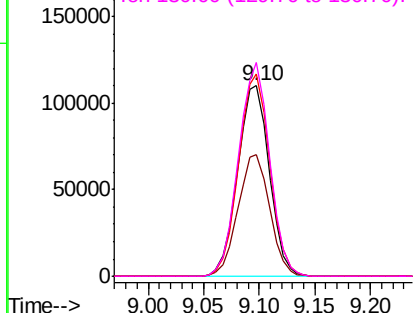
#35
 Trichloroethene
 Concen: 26.432 ug/L
 RT: 9.10 min Scan# 1180
 Delta R.T. -0.00 min
 Lab File: VW016725.D
 Acq: 01 Oct 2020 09:19

Instrument :
 MSVOA_W
 ClientSampleId :

Tot Ion:	95	Resp:	217650
Ion	Ratio	Lower	Upper
95	100		
97	63.9	45.2	84.0
132	104.5	73.3	136.1
130	109.9	77.5	143.9

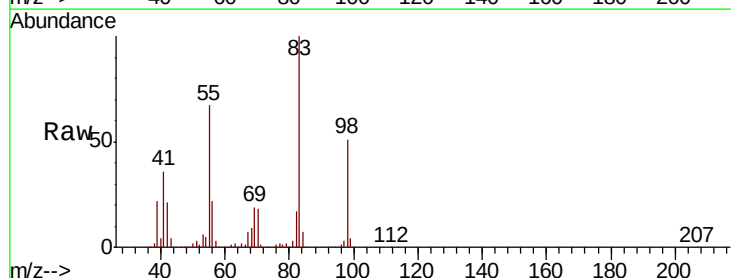


Abundance Ion 95.00 (94.70 to 95.70): VW
 Ion 97.00 (96.70 to 97.70): VW
 Ion 132.00 (131.70 to 132.70): V
 Ion 130.00 (129.70 to 130.70): V

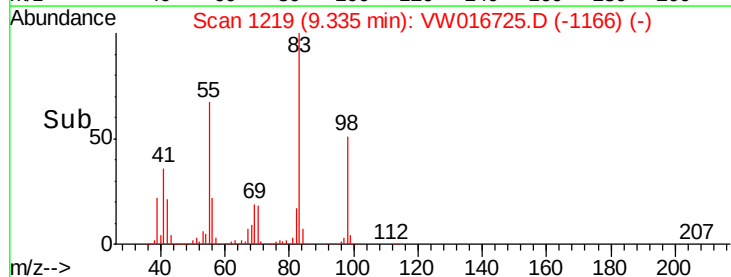
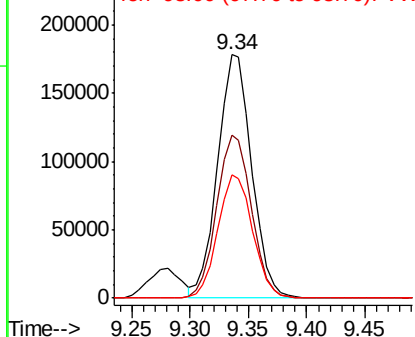


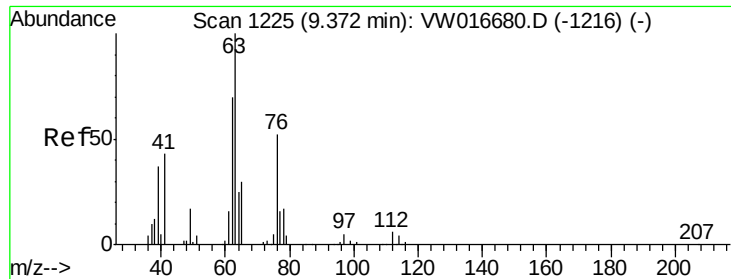
#36
 Methylcyclohexane
 Concen: 25.893 ug/L
 RT: 9.34 min Scan# 1219
 Delta R.T. -0.01 min
 Lab File: VW016725.D
 Acq: 01 Oct 2020 09:19

Tgt Ion:	83	Resp:	361641
Ion	Ratio	Lower	Upper
83	100		
55	68.1	55.9	83.9
98	51.6	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: 26.152 ug/L

RT: 9.37 min Scan# 1225

Delta R.T. -0.00 min

Lab File: VW016725.D

Acq: 01 Oct 2020 09:19

Instrument :

MSVOA_W

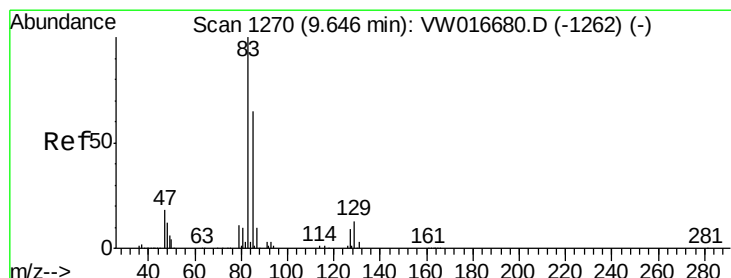
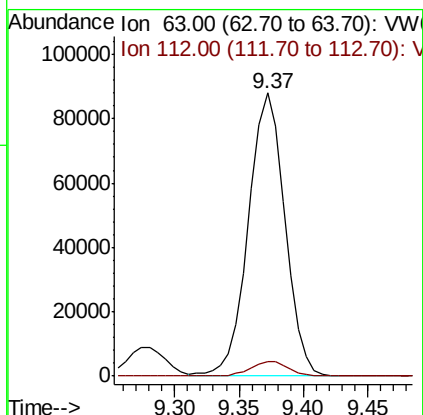
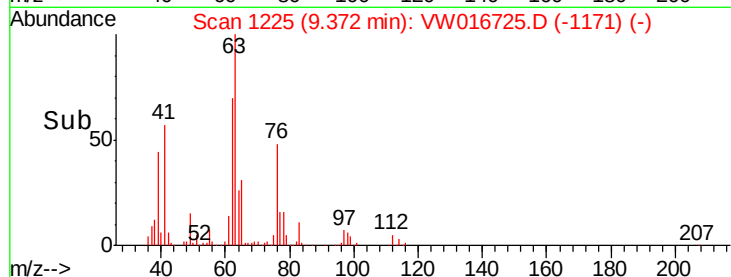
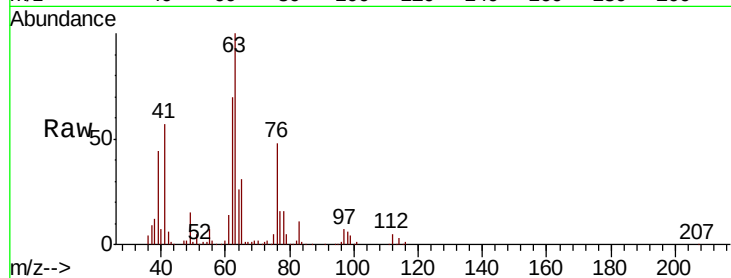
ClientSampleId :

Tot Ion: 63 Resp: 173106

Ion Ratio Lower Upper

63 100

112 5.3 4.5 6.7



#41

Bromodichloromethane

Concen: 25.441 ug/L

RT: 9.65 min Scan# 1270

Delta R.T. -0.00 min

Lab File: VW016725.D

Acq: 01 Oct 2020 09:19

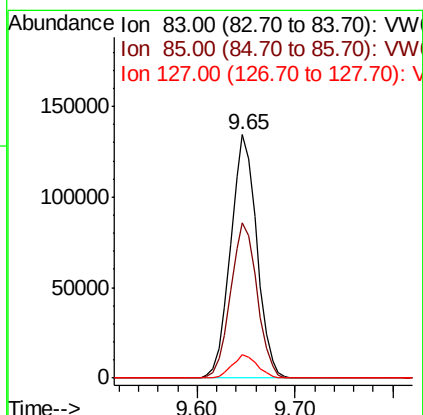
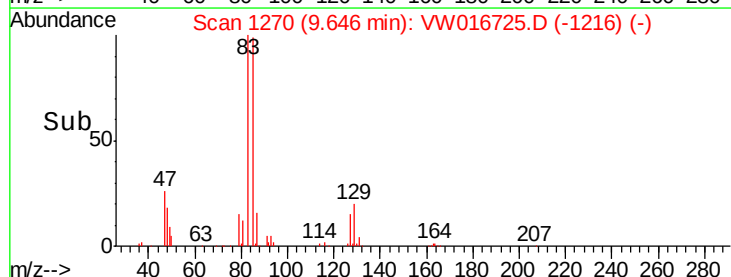
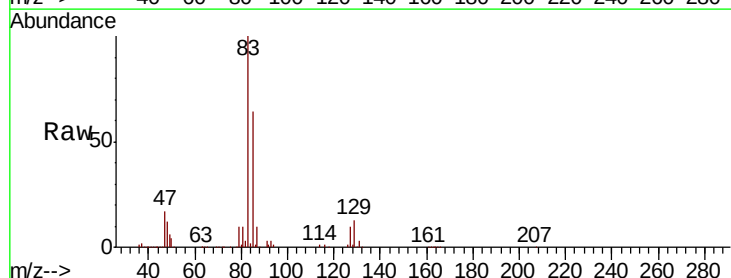
Tgt Ion: 83 Resp: 249550

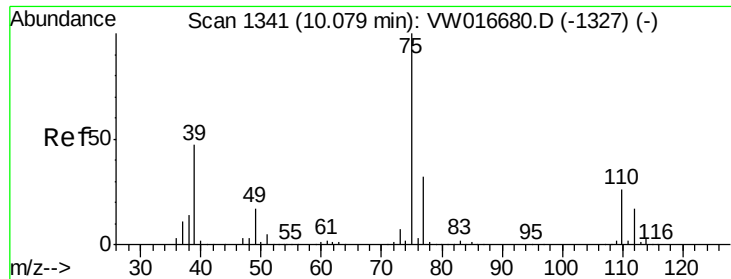
Ion Ratio Lower Upper

83 100

85 63.7 46.8 86.8

127 9.6 6.8 10.2





#42

cis-1,3-Dichloropropene

Concen: 25.076 ug/L

RT: 10.07 min Scan# 1340

Delta R.T. -0.01 min

Lab File: VW016725.D

Acq: 01 Oct 2020 09:19

Instrument :

MSVOA_W

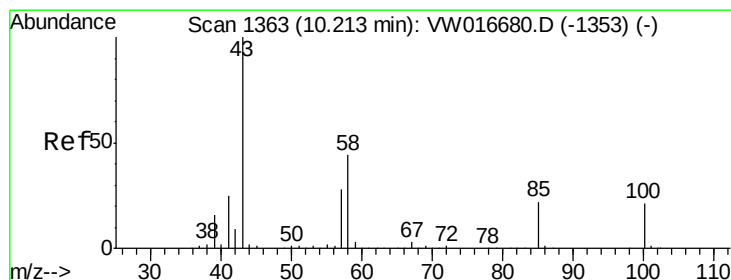
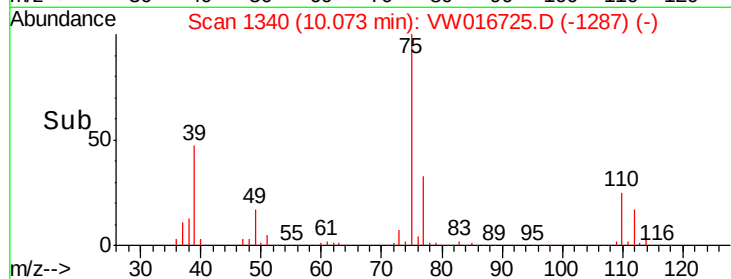
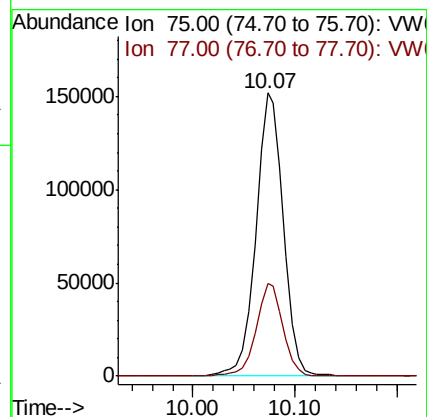
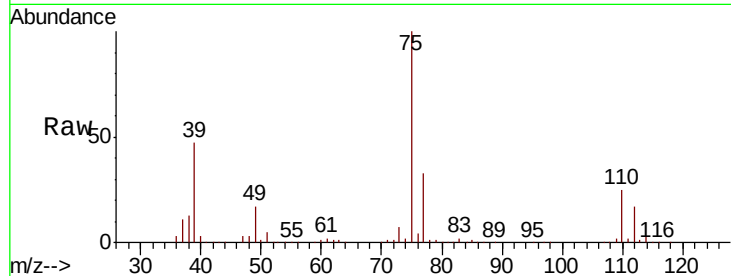
ClientSampleId :

Tot Ion: 75 Resp: 283515

Ion Ratio Lower Upper

75 100

77 32.7 22.2 41.2



#43

4-Methyl-2-pentanone

Concen: 40.606 ug/L

RT: 10.21 min Scan# 1363

Delta R.T. -0.00 min

Lab File: VW016725.D

Acq: 01 Oct 2020 09:19

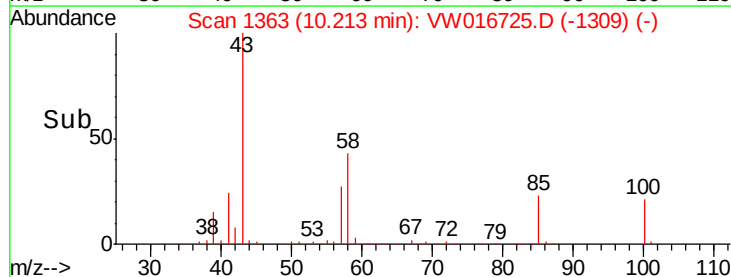
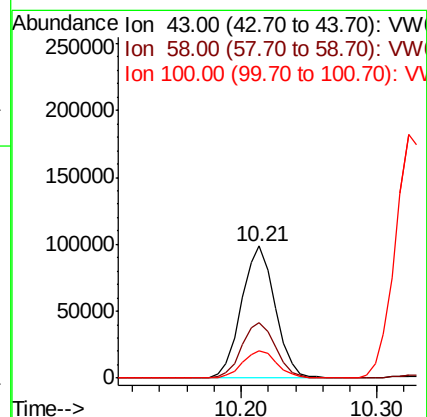
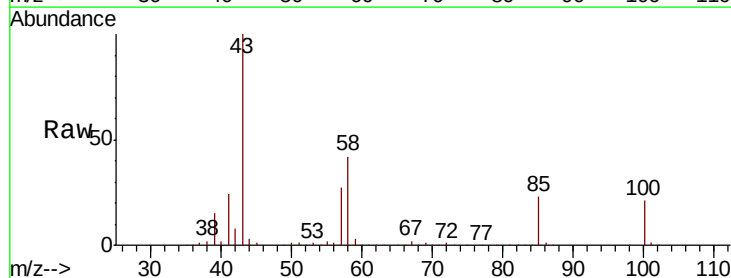
Tgt Ion: 43 Resp: 170771

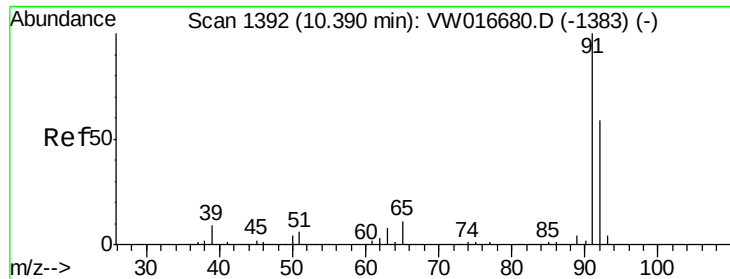
Ion Ratio Lower Upper

43 100

58 42.5 32.2 48.4

100 20.6 15.8 23.6





#44

Toluene

Concen: 26.671 ug/L

RT: 10.39 min Scan# 1392

Delta R.T. -0.00 min

Lab File: VW016725.D

Acq: 01 Oct 2020 09:19

Instrument :

MSVOA_W

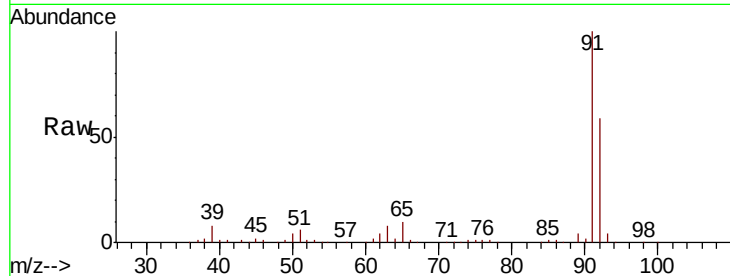
ClientSampled :

Tot Ion: 91 Resp: 853552

Ion Ratio Lower Upper

91 100

92 58.7 39.6 73.6



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 92.00 (91.70 to 92.70): VW

10.39

500000

400000

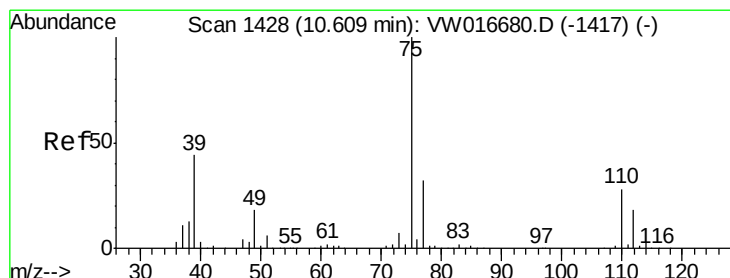
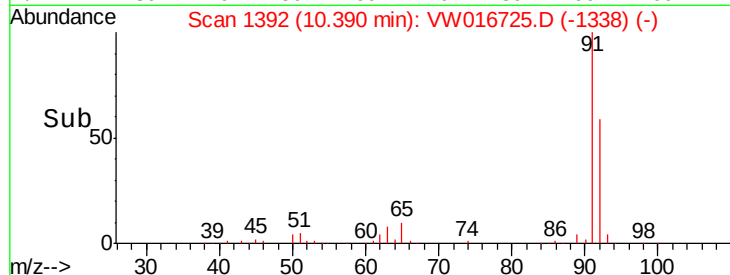
300000

200000

100000

0

Time-->



#45

trans-1,3-Dichloropropene

Concen: 24.840 ug/L

RT: 10.61 min Scan# 1428

Delta R.T. -0.00 min

Lab File: VW016725.D

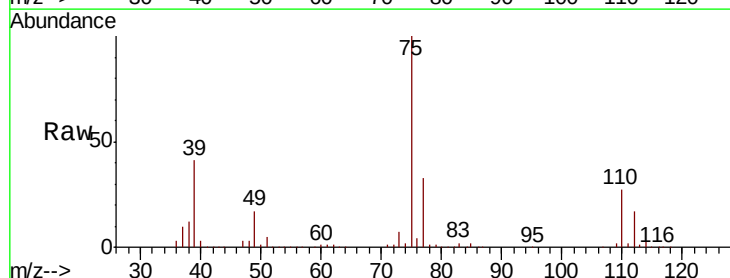
Acq: 01 Oct 2020 09:19

Tgt Ion: 75 Resp: 244358

Ion Ratio Lower Upper

75 100

77 32.7 22.5 41.9



Abundance Ion 75.00 (74.70 to 75.70): VW

Ion 77.00 (76.70 to 77.70): VW

10.61

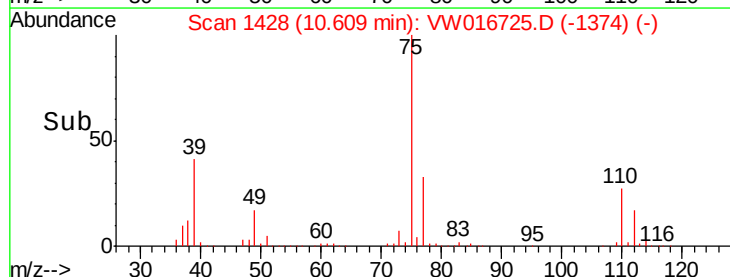
150000

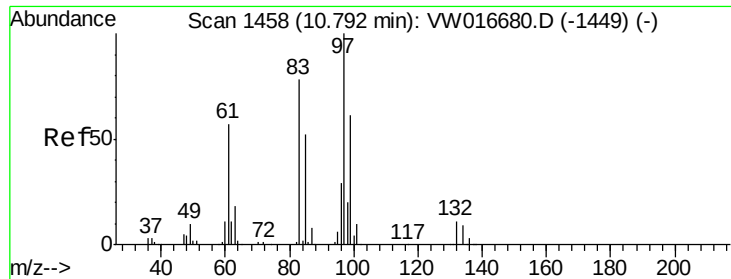
100000

50000

0

Time-->

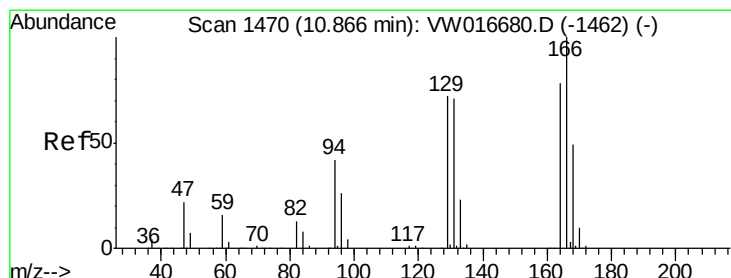
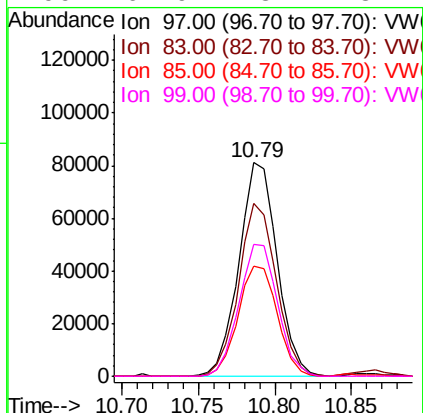
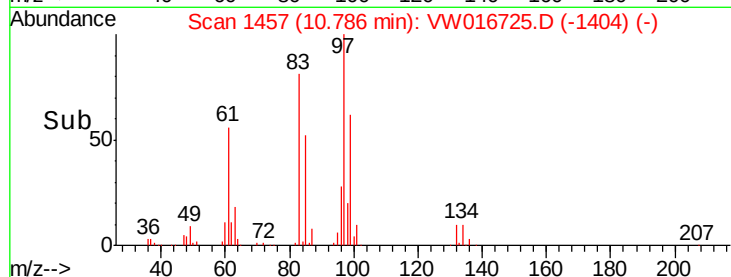
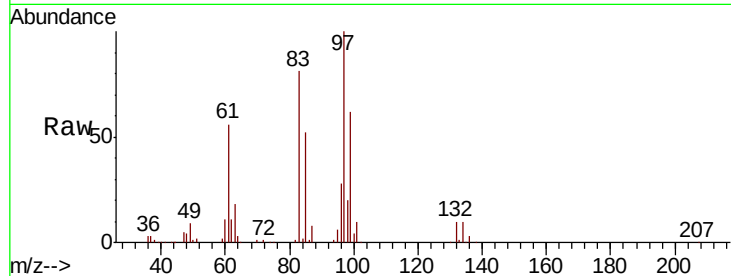




#46
 1,1,2-Trichloroethane
 Concen: 25.257 ug/L
 RT: 10.79 min Scan# 1457
 Delta R.T. -0.01 min
 Lab File: VW016725.D
 Acq: 01 Oct 2020 09:19

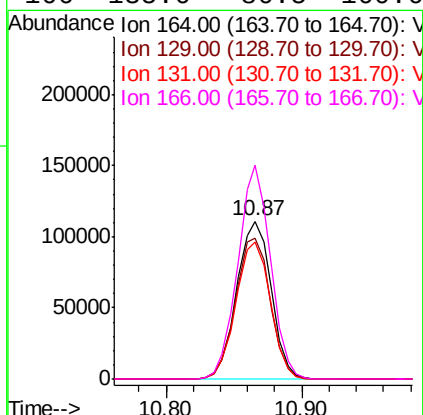
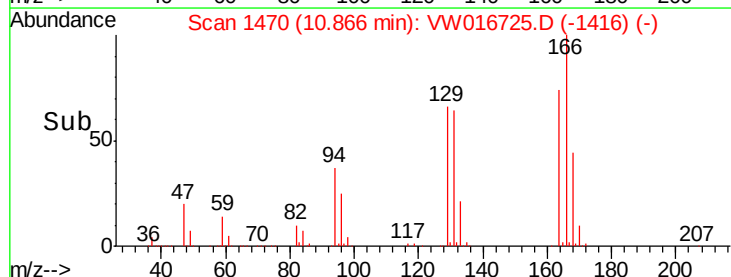
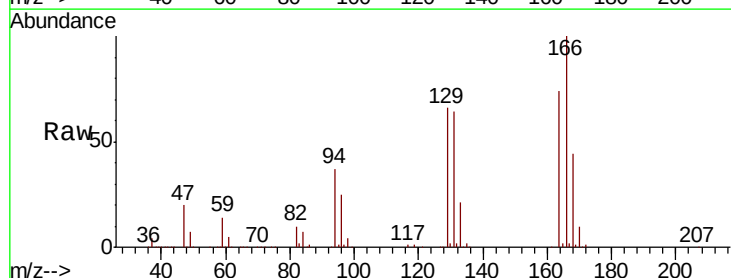
Instrument :
 MSVOA_W
 ClientSampled :

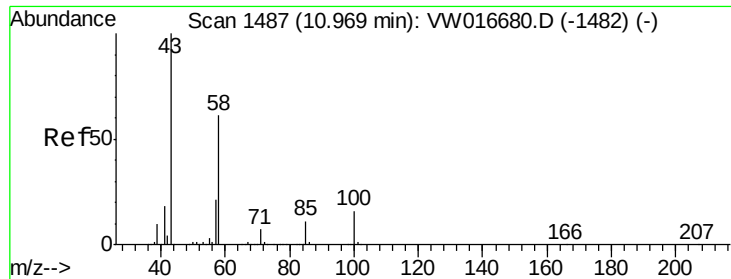
Tot Ion	97	Resp	140844
Ion	Ratio	Lower	Upper
97	100		
83	81.2	55.7	103.5
85	51.5	36.8	68.4
99	61.9	43.7	81.1



#47
 Tetrachloroethene
 Concen: 26.451 ug/L
 RT: 10.87 min Scan# 1470
 Delta R.T. -0.00 min
 Lab File: VW016725.D
 Acq: 01 Oct 2020 09:19

Tgt Ion	164	Resp	196671
Ion	Ratio	Lower	Upper
164	100		
129	89.7	55.6	103.2
131	86.7	57.2	106.2
166	135.6	86.5	160.6

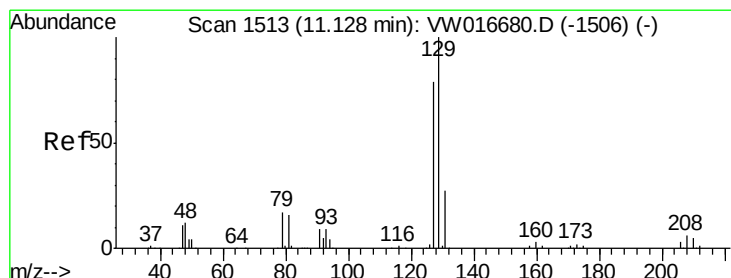
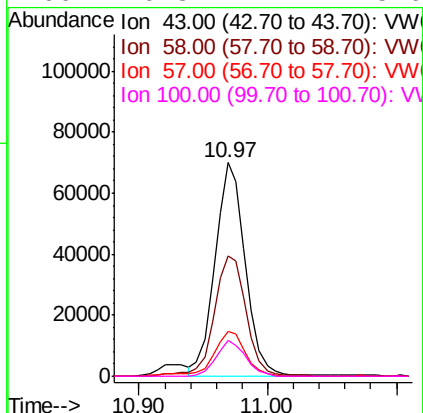
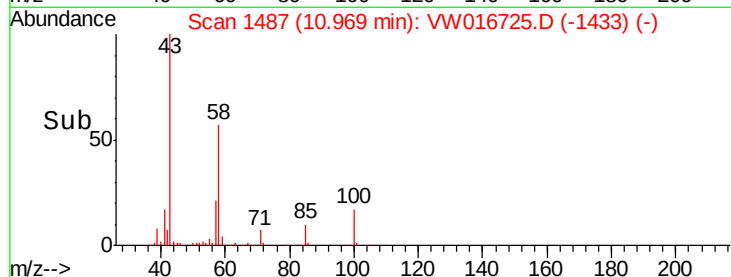
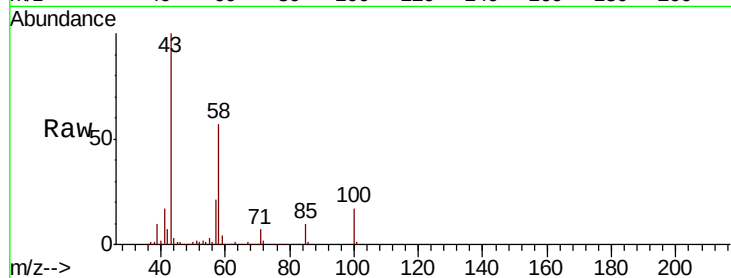




#49
2-Hexanone
Concen: 43.188 ug/L
RT: 10.97 min Scan# 1487
Delta R.T. -0.00 min
Lab File: VW016725.D
Acq: 01 Oct 2020 09:19

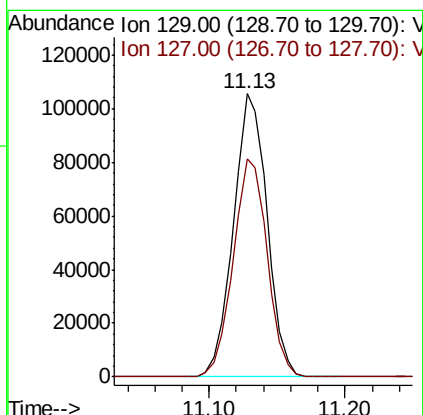
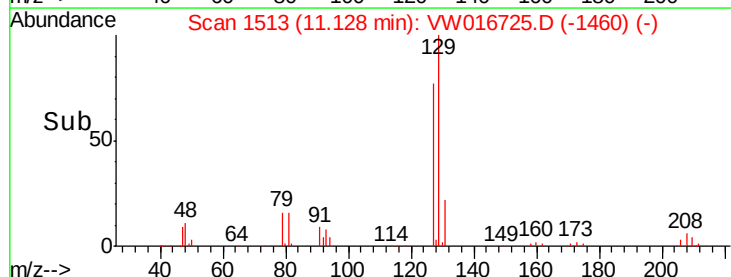
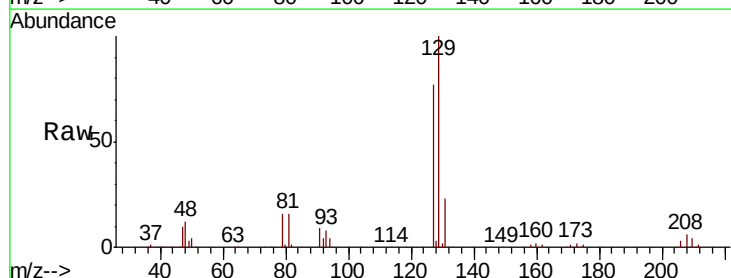
Instrument :
MSVOA_W
ClientSampleId :

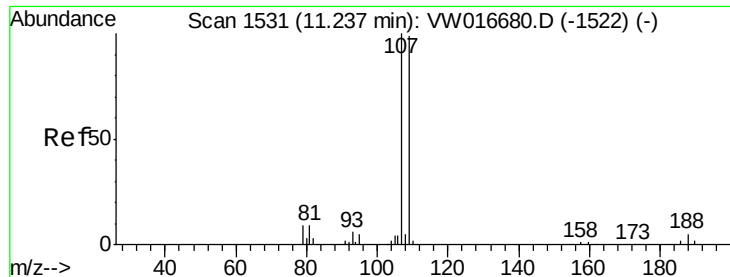
Tot Ion: 43 Resp: 115269
Ion Ratio Lower Upper
43 100
58 58.1 44.2 66.2
57 21.2 16.3 24.5
100 16.3 12.4 18.6



#50
Dibromochloromethane
Concen: 24.998 ug/L
RT: 11.13 min Scan# 1513
Delta R.T. -0.01 min
Lab File: VW016725.D
Acq: 01 Oct 2020 09:19

Tgt Ion: 129 Resp: 182001
Ion Ratio Lower Upper
129 100
127 76.9 52.4 97.4

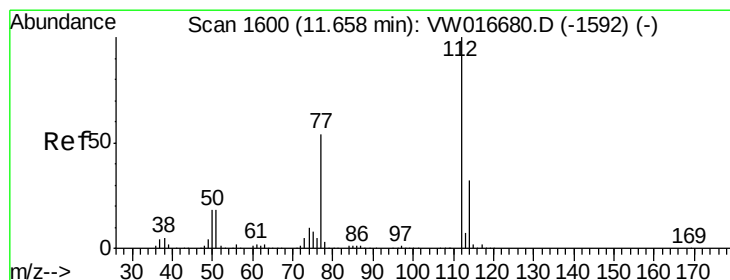
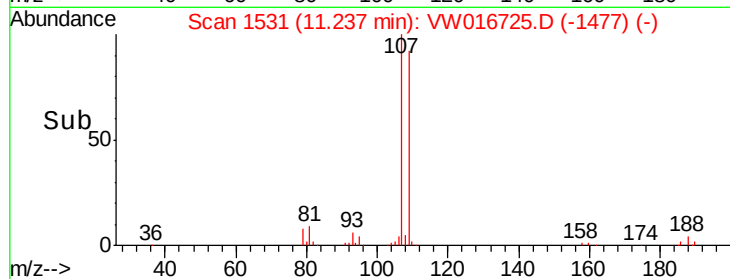
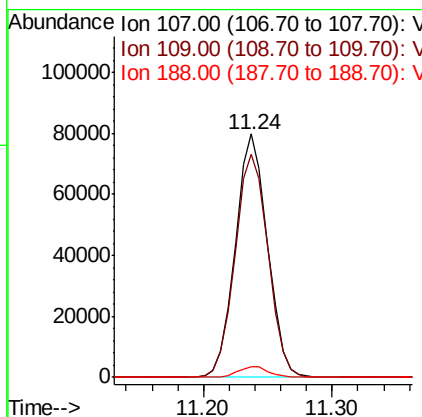
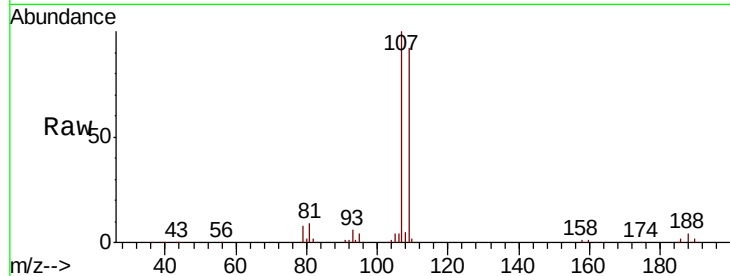




#51
1,2-Dibromoethane
Concen: 24.673 ug/L
RT: 11.24 min Scan# 1531
Delta R.T. -0.00 min
Lab File: VW016725.D
Acq: 01 Oct 2020 09:19

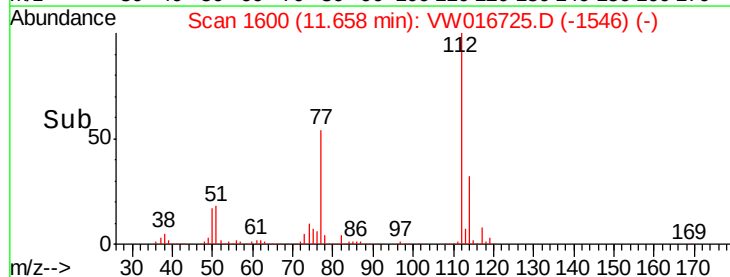
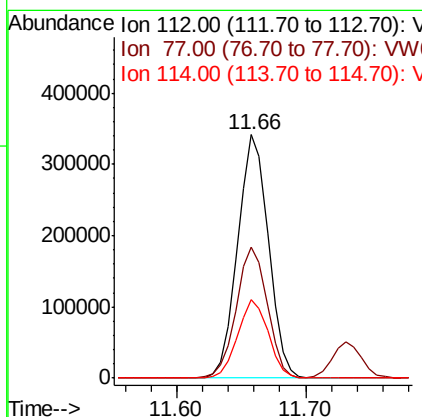
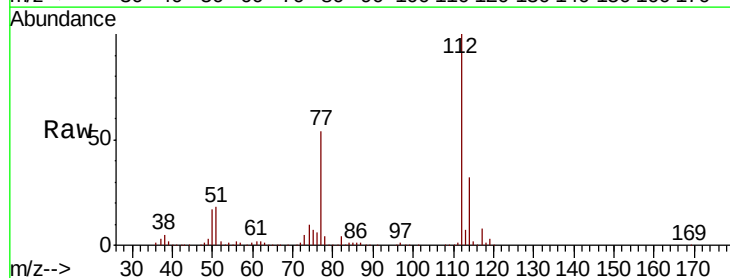
Instrument :
MSVOA_W
ClientSampleId :

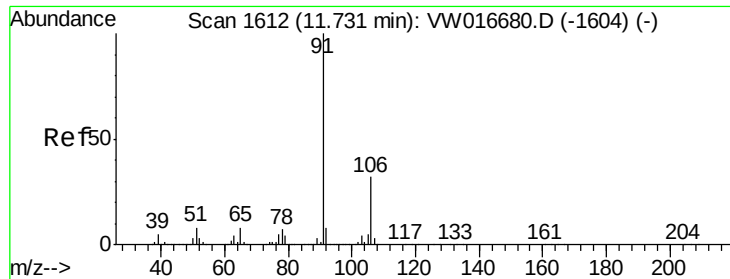
Tot Ion	Ratio	Lower	Upper
107	100		
109	91.6	63.0	117.0
188	4.2	3.1	4.7



#52
Chlorobenzene
Concen: 26.285 ug/L
RT: 11.66 min Scan# 1600
Delta R.T. -0.00 min
Lab File: VW016725.D
Acq: 01 Oct 2020 09:19

Tgt Ion	Ratio	Lower	Upper
112	100		
77	53.6	43.1	64.7
114	32.1	22.3	41.3

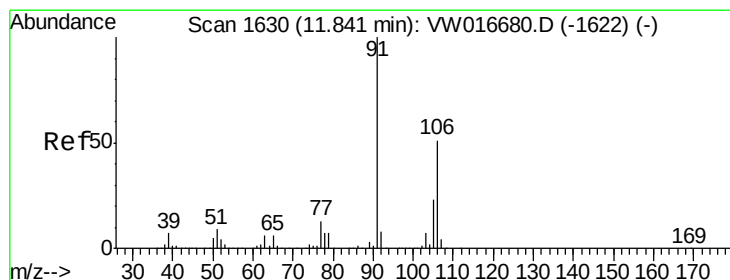
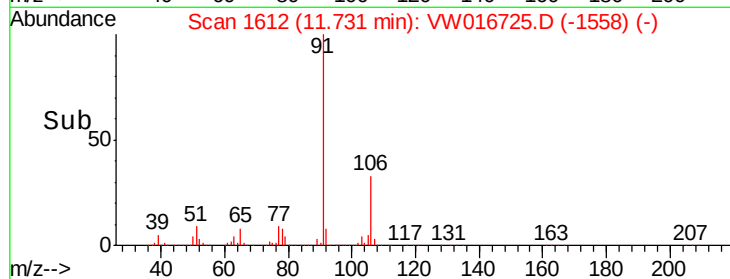
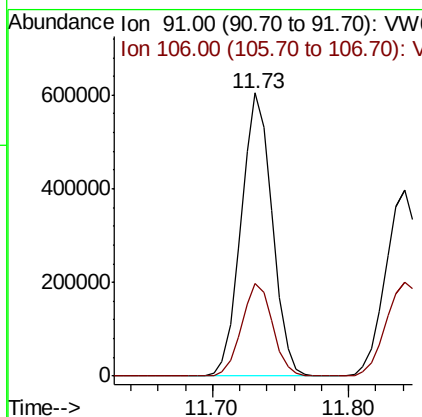
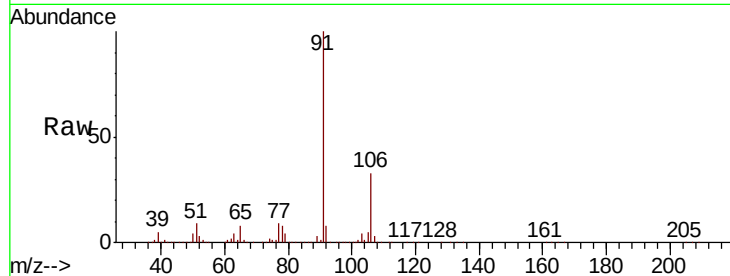




#53
Ethylbenzene
Concen: 26.550 ug/L
RT: 11.73 min Scan# 1612
Delta R.T. -0.00 min
Lab File: VW016725.D
Acq: 01 Oct 2020 09:19

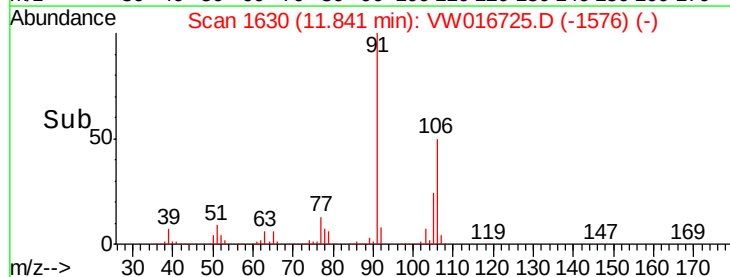
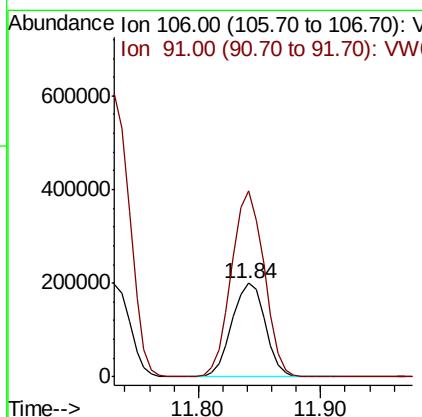
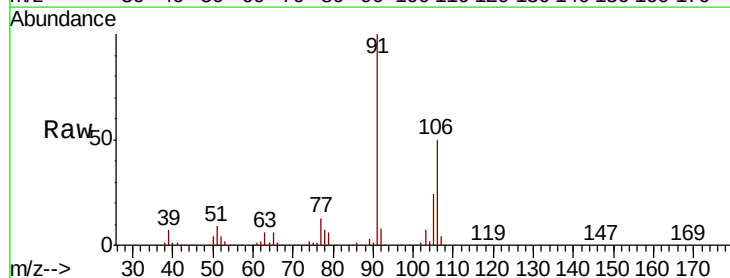
Instrument :
MSVOA_W
ClientSampleId :

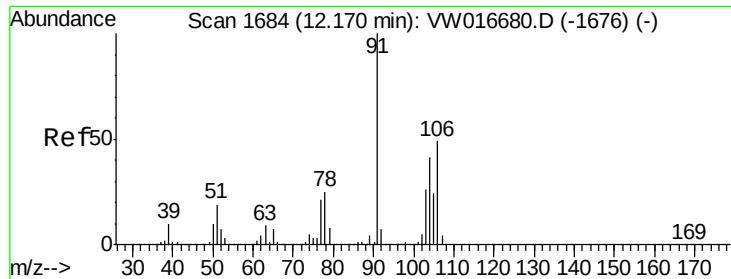
Tot Ion: 91 Resp: 964662
Ion Ratio Lower Upper
91 100
106 32.8 20.7 38.5



#54
m,p-Xylene
Concen: 26.436 ug/L
RT: 11.84 min Scan# 1630
Delta R.T. -0.00 min
Lab File: VW016725.D
Acq: 01 Oct 2020 09:19

Tgt Ion: 106 Resp: 376110
Ion Ratio Lower Upper
106 100
91 199.7 139.7 259.5

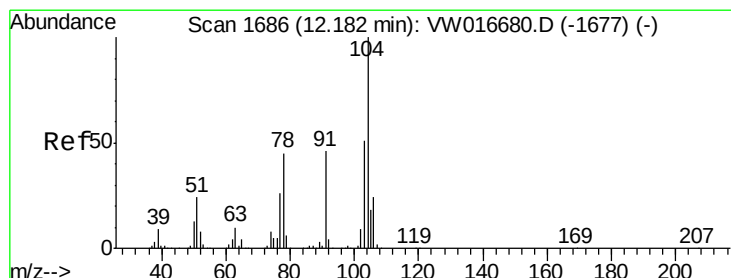
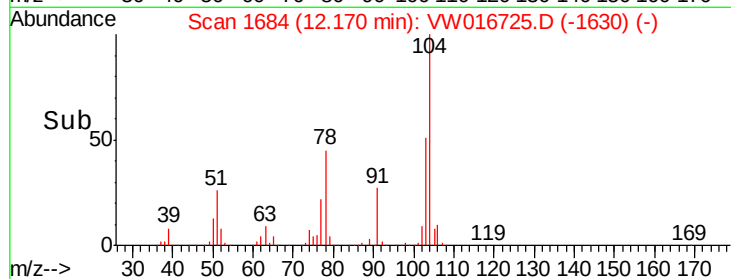
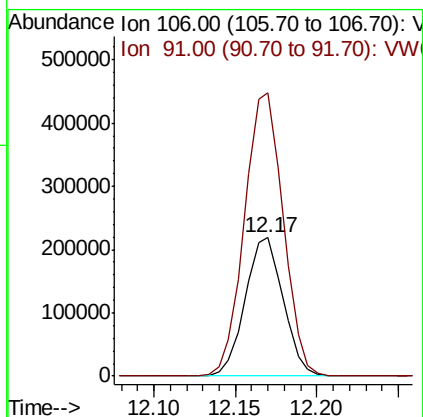
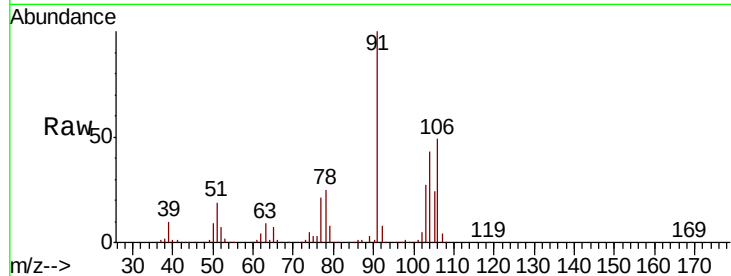




#55
o-xylene
Concen: 26.185 ug/L
RT: 12.17 min Scan# 1684
Delta R.T. -0.00 min
Lab File: VW016725.D
Acq: 01 Oct 2020 09:19

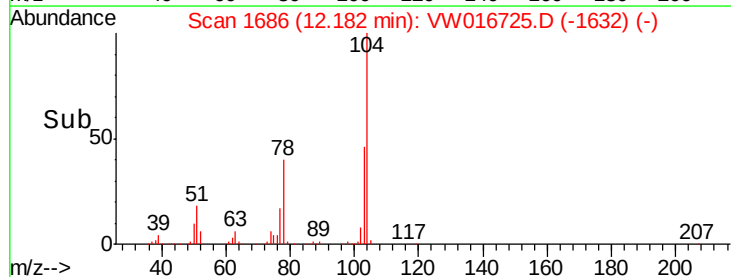
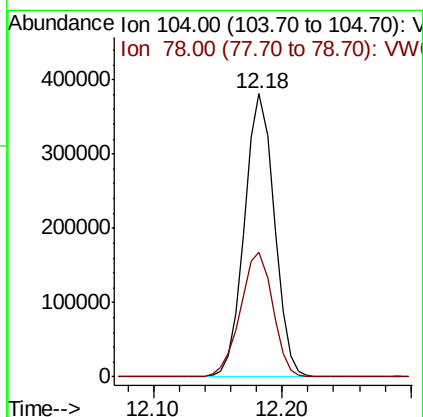
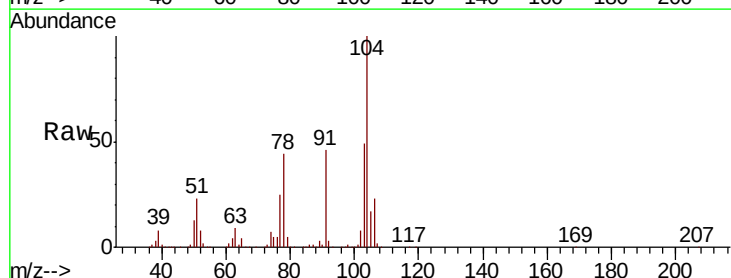
Instrument :
MSVOA_W
ClientSampled :

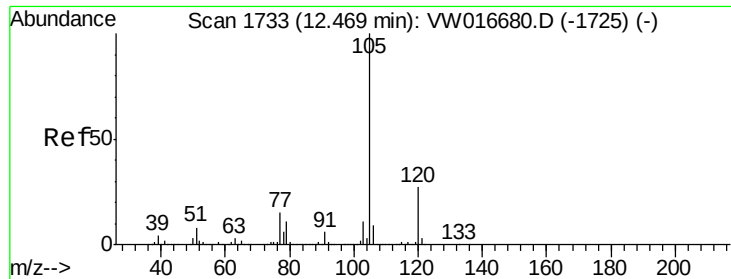
Tot Ion:106 Resp: 356904
Ion Ratio Lower Upper
106 100
91 204.6 144.8 268.8



#56
Styrene
Concen: 26.971 ug/L
RT: 12.18 min Scan# 1686
Delta R.T. -0.00 min
Lab File: VW016725.D
Acq: 01 Oct 2020 09:19

Tgt Ion:104 Resp: 610432
Ion Ratio Lower Upper
104 100
78 43.8 31.4 58.2





#57

Isopropylbenzene

Concen: 26.690 ug/L

RT: 12.46 min Scan# 1732

Delta R.T. -0.01 min

Lab File: VW016725.D

Acq: 01 Oct 2020 09:19

Instrument :

MSVOA_W

ClientSampleId :

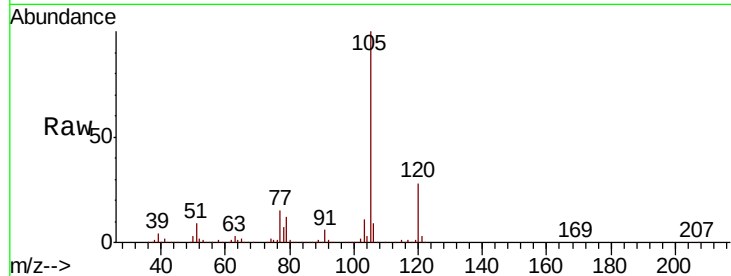
Tot Ion:105 Resp: 994057

Ion Ratio Lower Upper

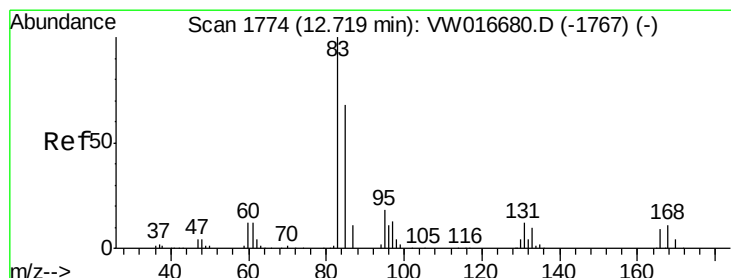
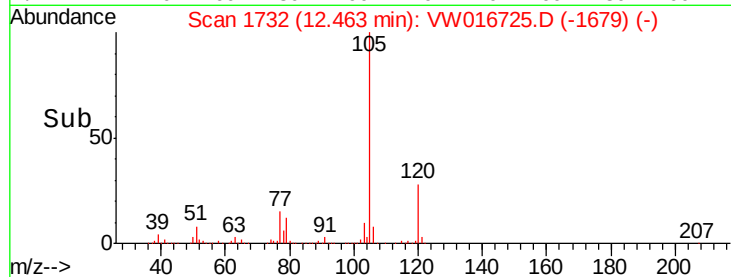
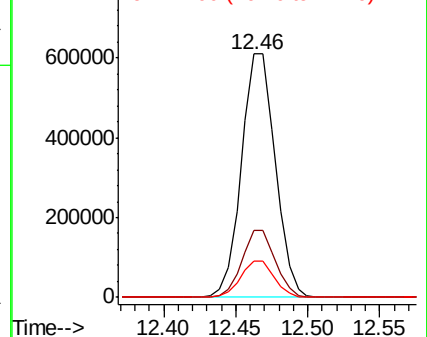
105 100

120 27.0 21.8 32.8

77 14.9 12.2 18.2



Abundance Ion 105.00 (104.70 to 105.70): V
Ion 120.00 (119.70 to 120.70): V
Ion 77.00 (76.70 to 77.70): V



#58

1,1,2,2-Tetrachloroethane

Concen: 24.396 ug/L

RT: 12.71 min Scan# 1773

Delta R.T. -0.01 min

Lab File: VW016725.D

Acq: 01 Oct 2020 09:19

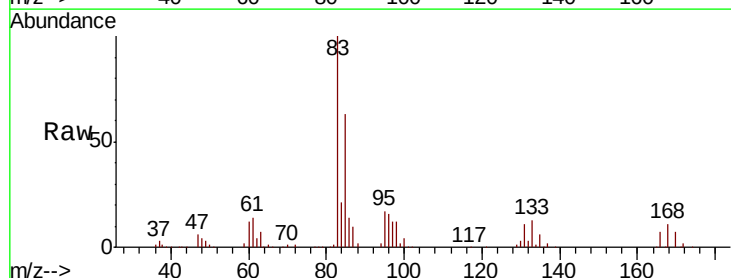
Tgt Ion: 83 Resp: 152130

Ion Ratio Lower Upper

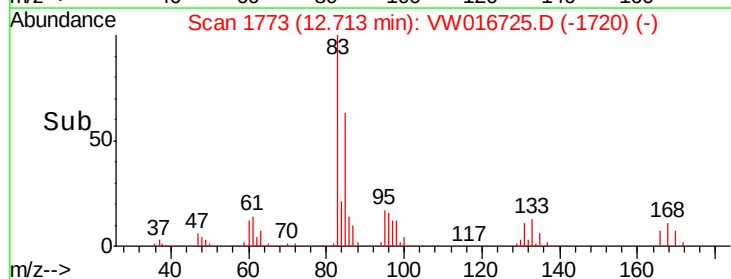
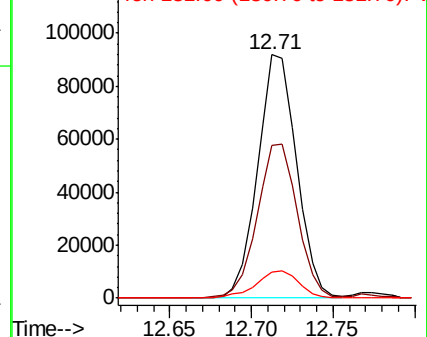
83 100

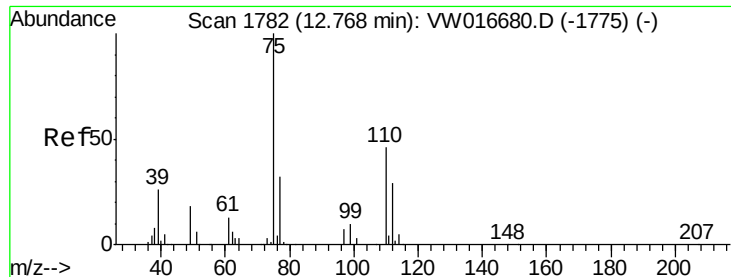
85 62.9 46.0 85.4

131 10.7 9.0 13.6



Abundance Ion 83.00 (82.70 to 83.70): V
Ion 85.00 (84.70 to 85.70): V
Ion 131.00 (130.70 to 131.70): V

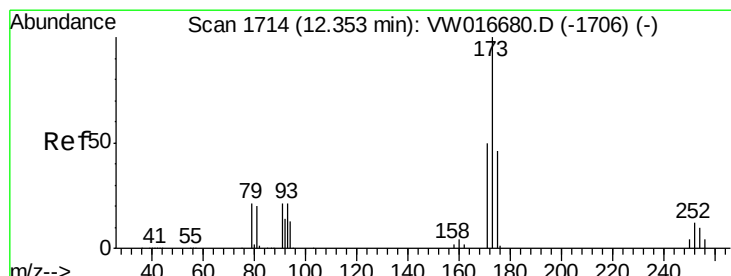
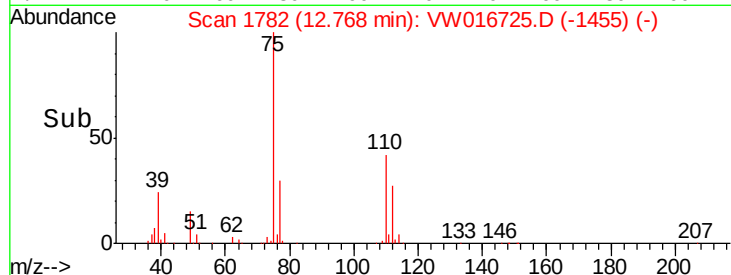
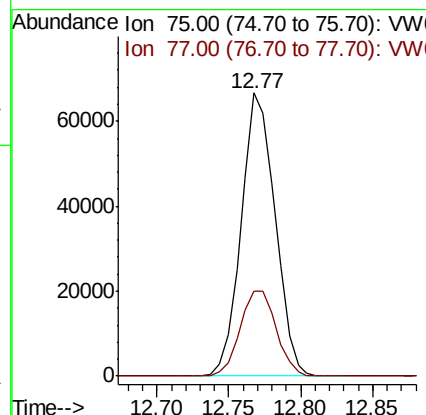
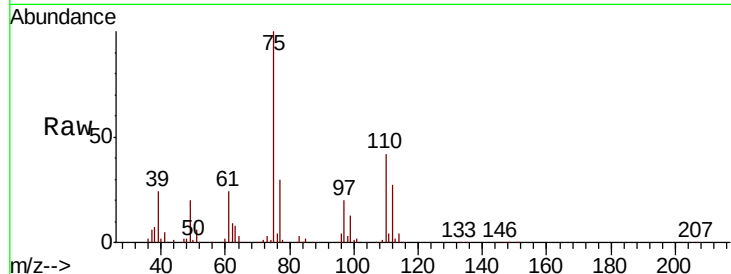




#59
 1,2,3-Trichloropropane
 Concen: 23.421 ug/L
 RT: 12.77 min Scan# 1782
 Delta R.T. -0.01 min
 Lab File: VW016725.D
 Acq: 01 Oct 2020 09:19

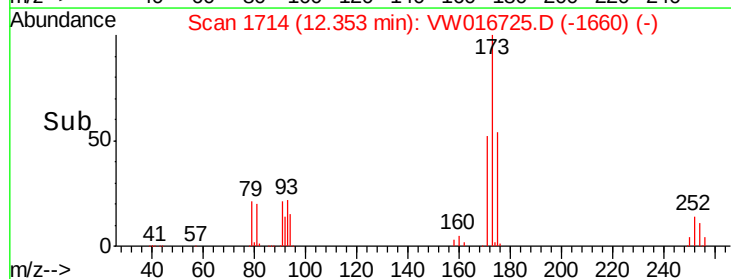
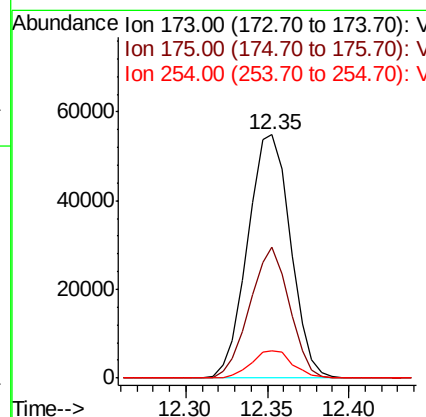
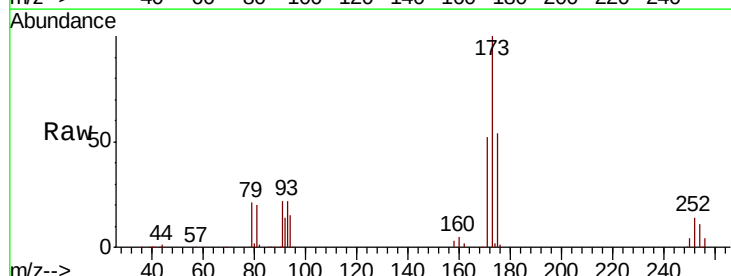
Instrument :
 MSVOA_W
 ClientSampled :

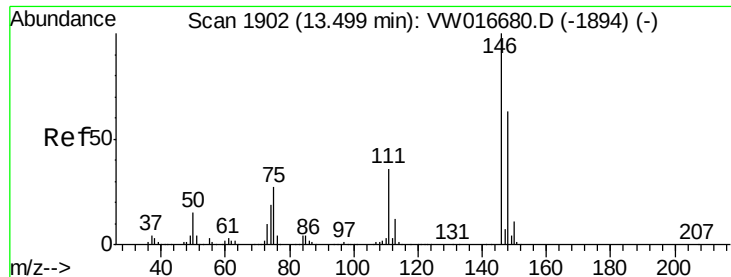
Tot Ion: 75 Resp: 108785
 Ion Ratio Lower Upper
 75 100
 77 32.1 26.2 39.4



#62
 Bromoform
 Concen: 21.693 ug/L
 RT: 12.35 min Scan# 1714
 Delta R.T. -0.00 min
 Lab File: VW016725.D
 Acq: 01 Oct 2020 09:19

Tgt Ion: 173 Resp: 100574
 Ion Ratio Lower Upper
 173 100
 175 49.9 38.6 57.8
 254 10.9 8.2 12.4

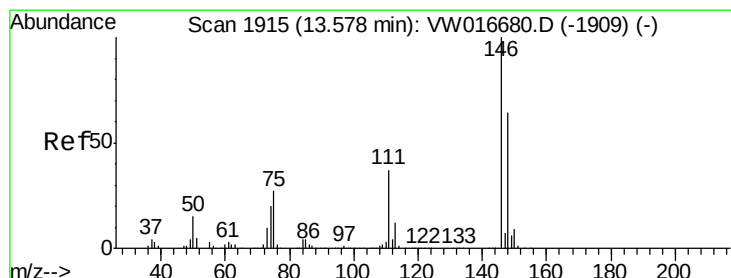
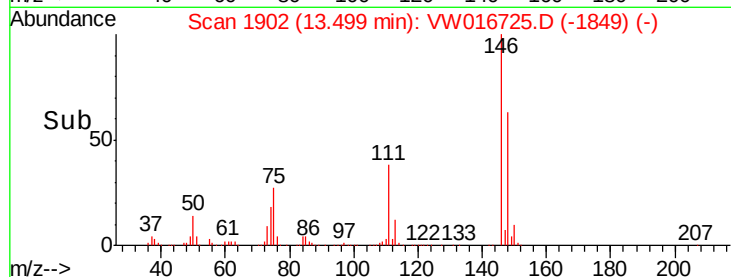
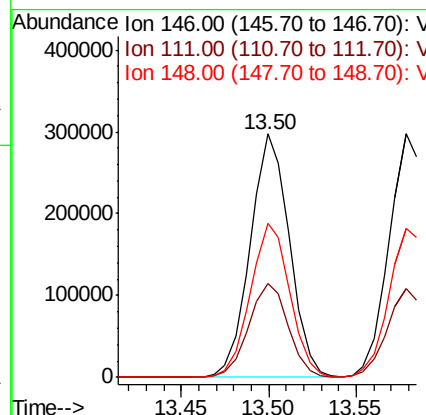
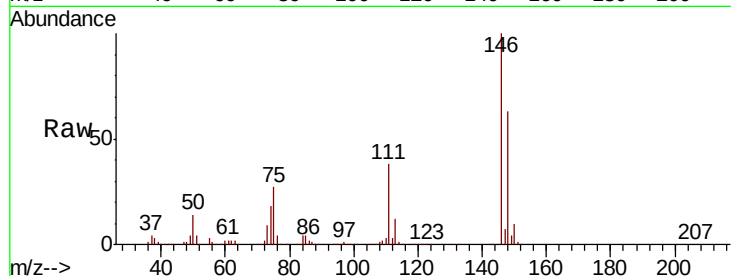




#63
 1,3-Dichlorobenzene
 Concen: 26.043 ug/L
 RT: 13.50 min Scan# 1902
 Delta R.T. -0.01 min
 Lab File: VW016725.D
 Acq: 01 Oct 2020 09:19

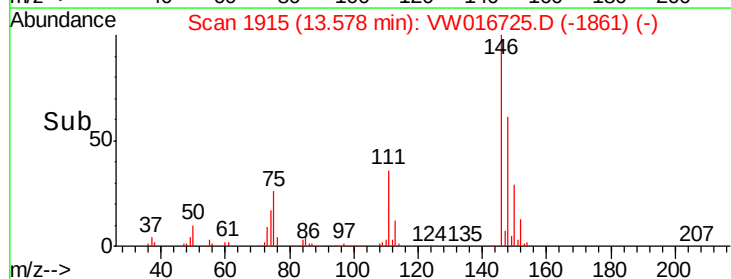
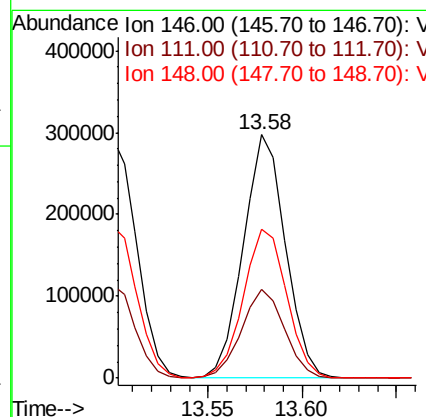
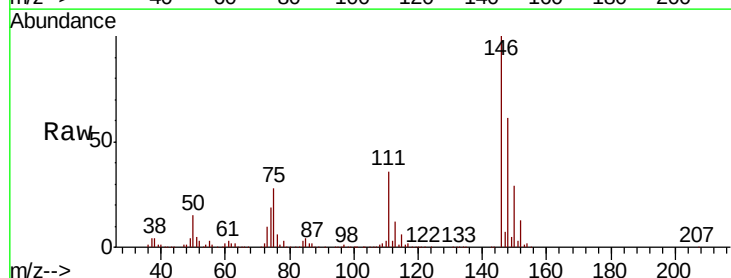
Instrument :
 MSVOA_W
 ClientSampleId :

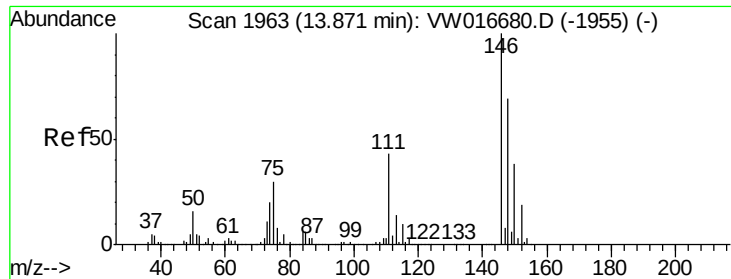
Tot Ion	Ratio	Lower	Upper
146	100		
111	38.4	25.0	46.4
148	63.1	44.0	81.8



#64
 1,4-Dichlorobenzene
 Concen: 26.285 ug/L
 RT: 13.58 min Scan# 1915
 Delta R.T. -0.00 min
 Lab File: VW016725.D
 Acq: 01 Oct 2020 09:19

Tgt Ion	Ratio	Lower	Upper
146	100		
111	36.3	25.1	46.5
148	61.0	42.3	78.5





#65

1,2-Dichlorobenzene

Concen: 25.554 ug/L

RT: 13.87 min Scan# 1963

Delta R.T. -0.00 min

Lab File: VW016725.D

Acq: 01 Oct 2020 09:19

Instrument :

MSVOA_W

ClientSampleId :

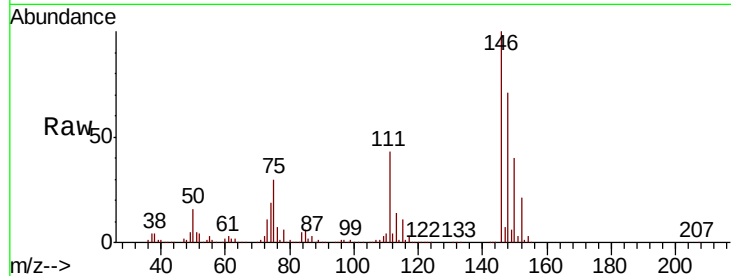
Tot Ion:146 Resp: 408235

Ion Ratio Lower Upper

146 100

111 42.7 31.4 47.0

148 70.8 49.3 73.9

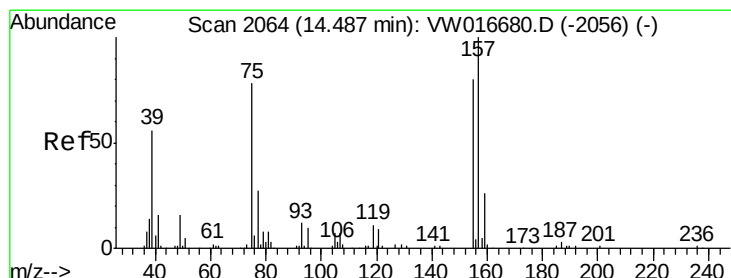
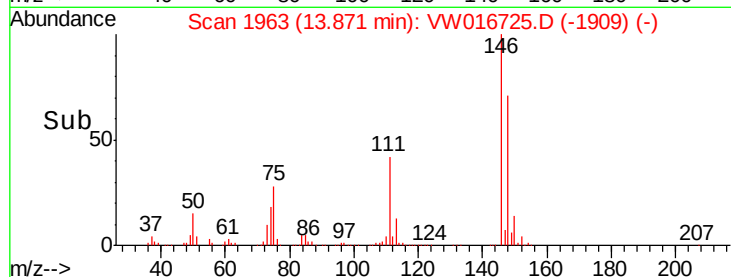
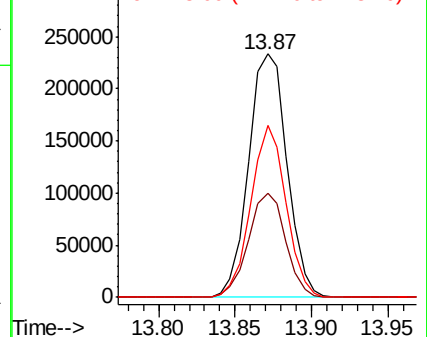


Abundance

Ion 146.00 (145.70 to 146.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 148.00 (147.70 to 148.70): V



#66

1,2-Dibromo-3-chloropropane

Concen: 20.818 ug/L

RT: 14.49 min Scan# 2064

Delta R.T. -0.00 min

Lab File: VW016725.D

Acq: 01 Oct 2020 09:19

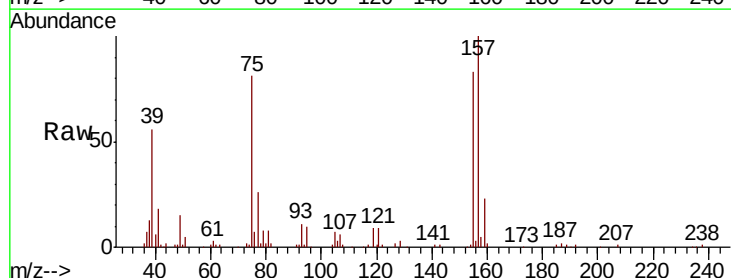
Tgt Ion: 75 Resp: 23840

Ion Ratio Lower Upper

75 100

157 123.1 92.2 138.4

155 102.0 73.5 110.3

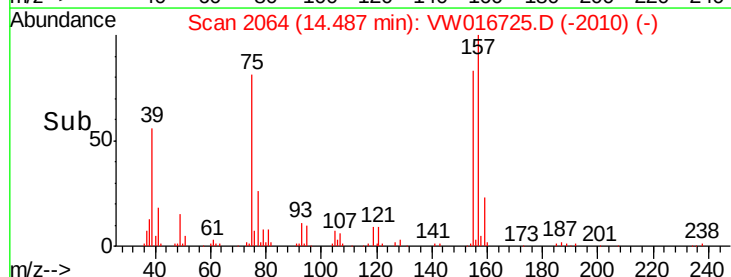
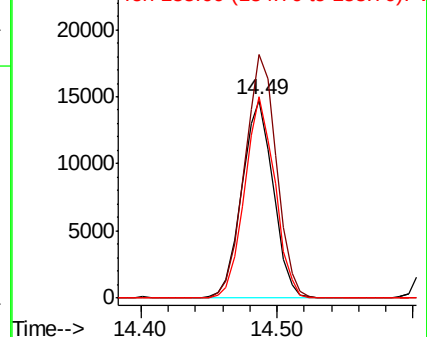


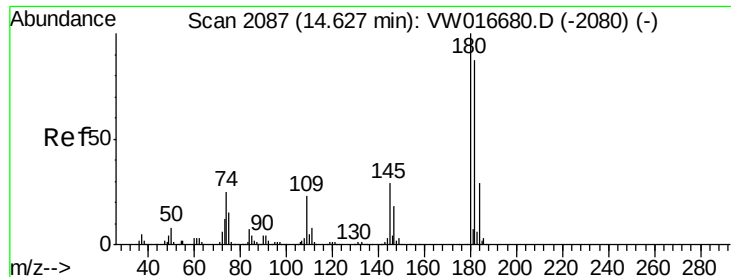
Abundance

Ion 75.00 (74.70 to 75.70): VW

Ion 157.00 (156.70 to 157.70): V

Ion 155.00 (154.70 to 155.70): V

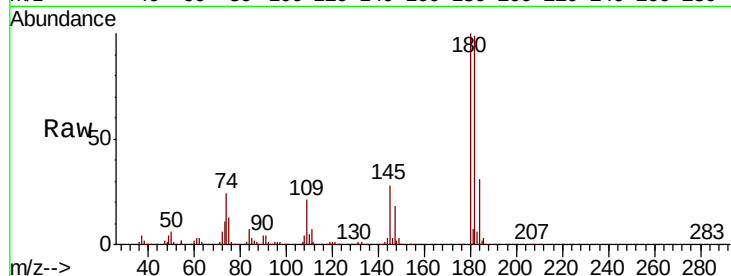




#67
 1,3,5-Trichlorobenzene
 Concen: 26.778 ug/L
 RT: 14.63 min Scan# 2088
 Delta R.T. 0.01 min
 Lab File: VW016725.D
 Acq: 01 Oct 2020 09:19

Instrument :
 MSVOA_W
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
180	100		
182	97.4	73.8	110.8
184	30.2	23.7	35.5
145	28.9	22.8	34.2



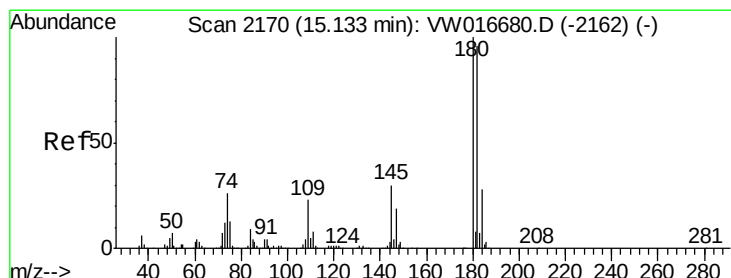
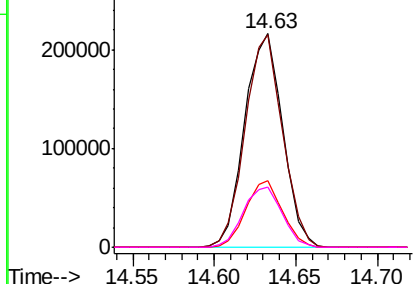
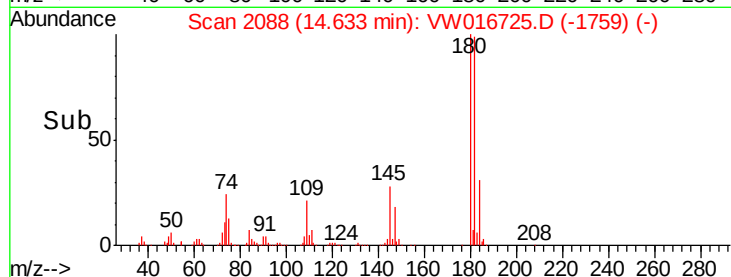
Abundance

Ion 180.00 (179.70 to 180.70): V

Ion 182.00 (181.70 to 182.70): V

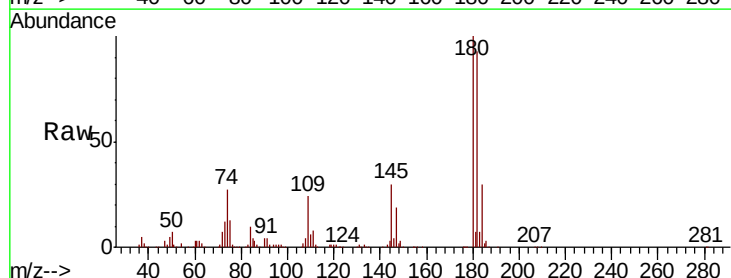
Ion 184.00 (183.70 to 184.70): V

Ion 145.00 (144.70 to 145.70): V



#68
 1,2,4-trichlorobenzene
 Concen: 27.489 ug/L
 RT: 15.13 min Scan# 2170
 Delta R.T. -0.00 min
 Lab File: VW016725.D
 Acq: 01 Oct 2020 09:19

Tgt Ion	Ratio	Lower	Upper
180	100		
182	93.5	74.5	111.7
145	29.5	23.1	34.7

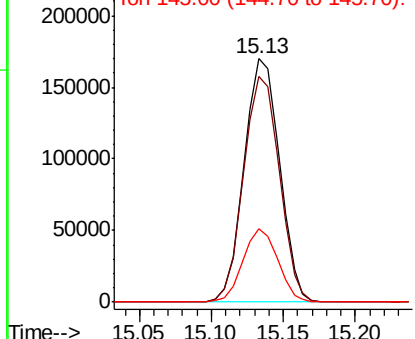
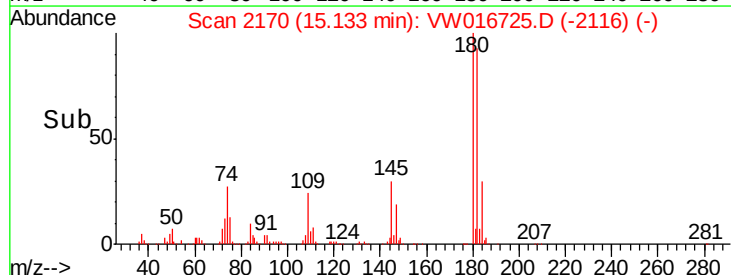


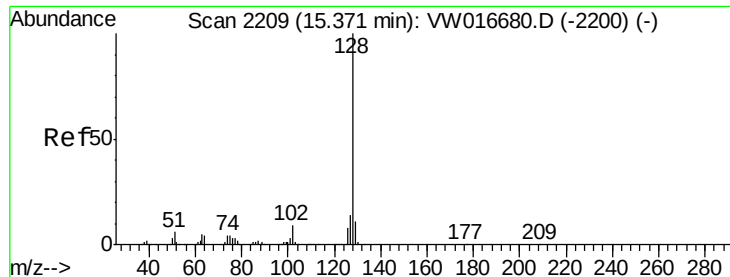
Abundance

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: 25.032 ug/L

RT: 15.37 min Scan# 2209

Delta R.T. -0.00 min

Lab File: VW016725.D

Acq: 01 Oct 2020 09:19

Instrument :

MSVOA_W

ClientSampleId :

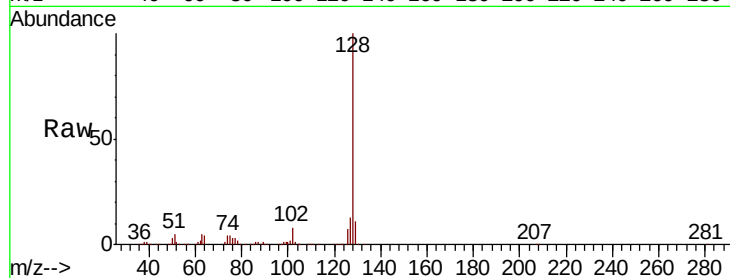
Tot Ion:128 Resp: 469379

Ion Ratio Lower Upper

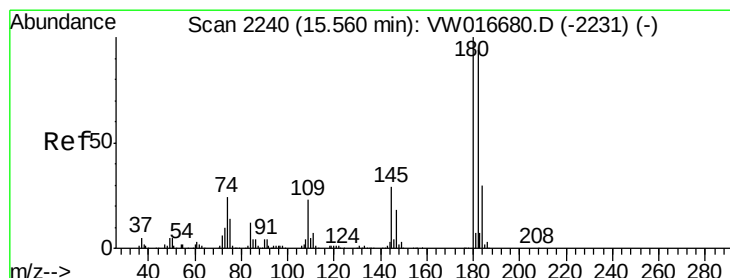
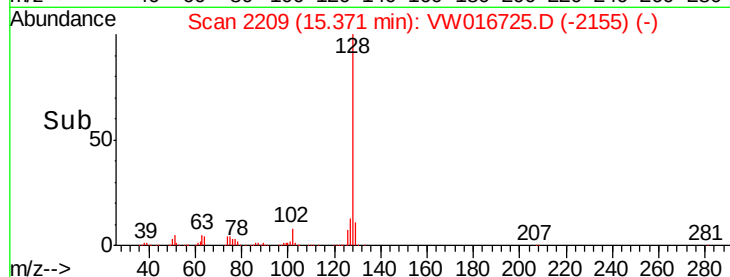
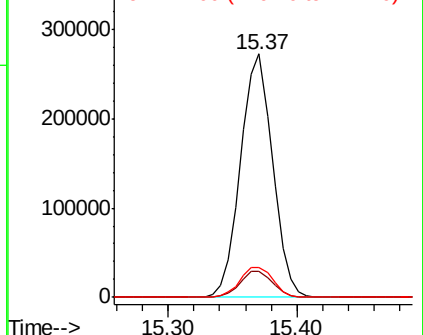
128 100

129 10.9 8.9 13.3

127 13.0 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: 27.215 ug/L

RT: 15.56 min Scan# 2240

Delta R.T. -0.00 min

Lab File: VW016725.D

Acq: 01 Oct 2020 09:19

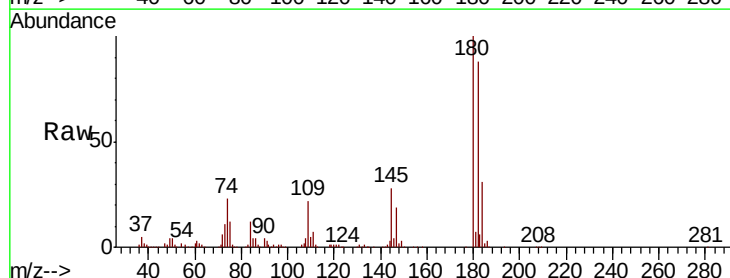
Tgt Ion:180 Resp: 247591

Ion Ratio Lower Upper

180 100

182 94.5 76.3 114.5

145 30.4 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

