

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW120720\
 Data File : VW017585.D
 Acq On : 07 Dec 2020 17:40
 Operator : SY/VA
 Sample : VSTDCCC025EC
 Misc : 5.00G/10ML/MSVOA W/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Dec 20 03:58:04 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM112420S.M
 Quant Title : VOC Analysis
 QLast Update : Sun Dec 20 03:53:49 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	375064	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	342561	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	185614	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	107073	21.70	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	86.80%
7) Chloroethane-d5	2.89	69	92220	22.15	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	88.60%
10) 1,1-Dichloroethene-d2	4.03	63	247414	22.52	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	90.08%
20) 2-Butanone-d5	7.08	46	63210	60.75	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	121.50%
24) Chloroform-d	7.65	84	265981	24.96	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	99.84%
26) 1,2-Dichloroethane-d4	8.31	65	135760	25.97	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	103.88%
29) Benzene-d6	8.28	84	485968	23.07	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	92.28%
33) 1,2-Dichloropropane-d6	9.27	67	141286	24.24	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	96.96%
37) Toluene-d8	10.32	98	443276	23.11	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	92.44%
38) trans-1,3-Dichloropropene-	10.58	79	62484	23.99	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	95.96%
39) 2-Hexanone-d5	10.93	63	43394	60.15	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	120.30%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	119623	28.52	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	114.08%
61) 1,2-Dichlorobenzene-d4	13.85	152	167898	24.43	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	97.72%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	2.01	85	68487	19.216	ug/L 98
3) Chloromethane	2.21	50	80435	21.921	ug/L 100
5) Vinyl chloride	2.37	62	122349	26.887	ug/L 100
6) Bromomethane	2.79	94	81252	24.797	ug/L 99
8) Chloroethane	2.93	64	76878	25.146	ug/L 100
9) Trichlorofluoromethane	3.27	101	122385	23.487	ug/L 100
11) 1,1,2-Trichloro-1,2,2-trif	4.07	101	135731	25.450	ug/L # 71
12) 1,1-Dichloroethene	4.05	96	125397	24.112	ug/L 95
13) Acetone	4.13	43	56387	56.320	ug/L 93
14) Carbon disulfide	4.39	76	342993	23.058	ug/L 98
15) Methyl Acetate	4.68	43	50409	28.925	ug/L 97
16) Methylene chloride	4.92	84	139014	24.686	ug/L 92
17) Methyl tert-butyl Ether	5.43	73	154096	27.548	ug/L 100
18) trans-1,2-Dichloroethene	5.43	96	130257	24.365	ug/L 98
19) 1,1-Dichloroethane	6.22	63	232088	25.713	ug/L 98
21) 2-Butanone	7.17	43	72857	60.810	ug/L 98
22) cis-1,2-Dichloroethene	7.18	96	139417	24.995	ug/L 98

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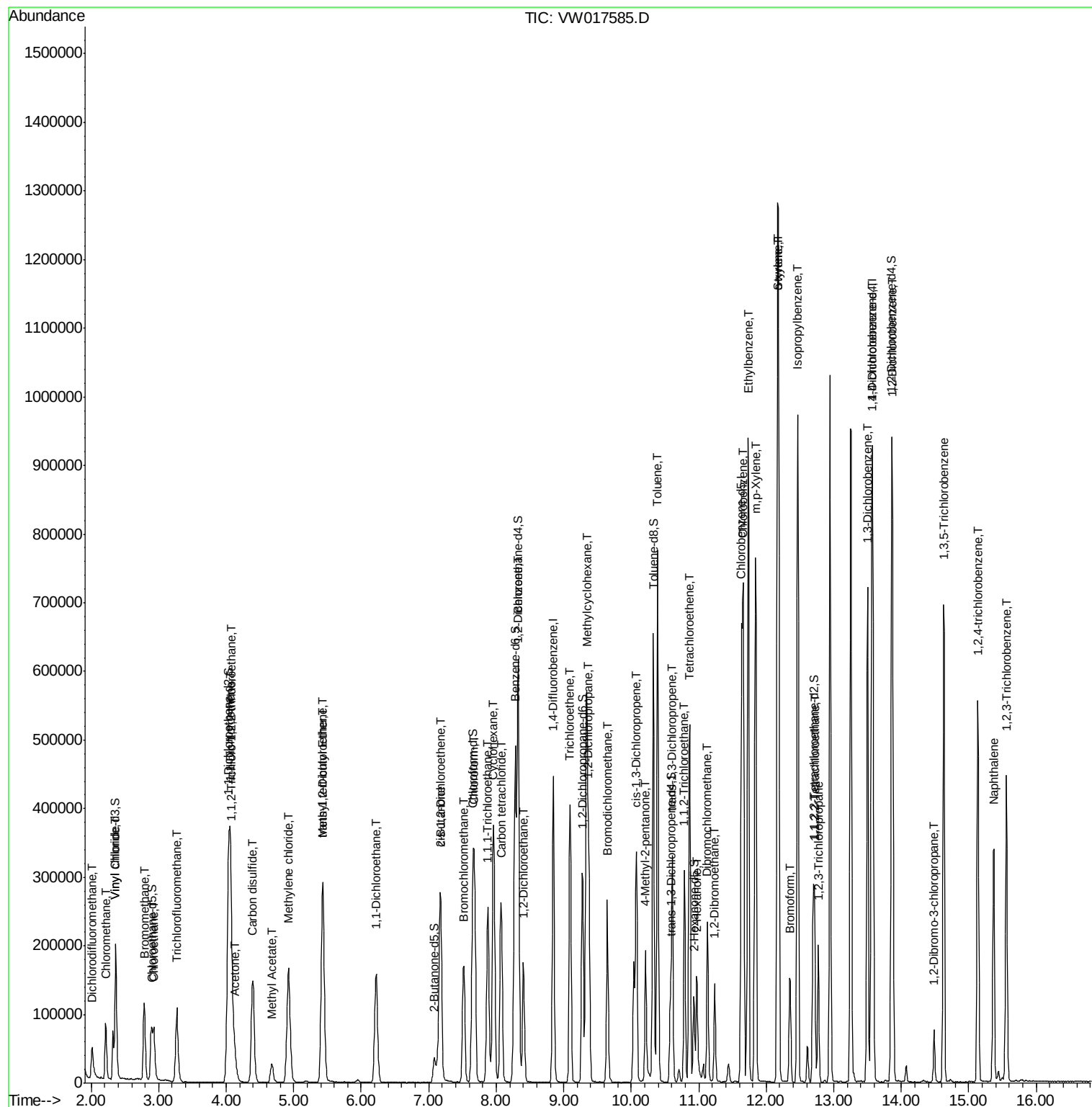
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	7.52	128	63883	25.213	ug/L	93
25) Chloroform	7.68	83	244622	25.671	ug/L	99
27) 1,2-Dichloroethane	8.40	62	155997	27.182	ug/L	99
30) Cyclohexane	7.96	56	205146	25.106	ug/L	98
31) 1,1,1-Trichloroethane	7.88	97	210258	25.934	ug/L	98
32) Carbon tetrachloride	8.07	117	205517	26.106	ug/L	100
34) Benzene	8.32	78	521446	25.326	ug/L	100
35) Trichloroethene	9.09	95	141482	24.787	ug/L	98
36) Methylcyclohexane	9.34	83	234225	24.815	ug/L	99
40) 1,2-Dichloropropane	9.37	63	126138	26.083	ug/L	99
41) Bromodichloromethane	9.65	83	176221	26.373	ug/L	98
42) cis-1,3-Dichloropropene	10.07	75	201159	26.855	ug/L	99
43) 4-Methyl-2-pentanone	10.21	43	135092	60.677	ug/L	96
44) Toluene	10.39	91	561415	25.339	ug/L	99
45) trans-1,3-Dichloropropene	10.61	75	176244	27.457	ug/L	99
46) 1,1,2-Trichloroethane	10.79	97	96175	26.541	ug/L	97
47) Tetrachloroethene	10.87	164	117419	24.144	ug/L	92
49) 2-Hexanone	10.97	43	103182	65.623	ug/L	92
50) Dibromochloromethane	11.13	129	121591	26.863	ug/L	97
51) 1,2-Dibromoethane	11.24	107	92075	26.513	ug/L #	95
52) Chlorobenzene	11.66	112	360238	24.830	ug/L	96
53) Ethylbenzene	11.73	91	641842	25.550	ug/L	96
54) m,p-Xylene	11.84	106	244102	25.469	ug/L	95
55) o-xylene	12.17	106	228284	25.573	ug/L	99
56) Styrene	12.18	104	394700	26.283	ug/L	98
57) Isopropylbenzene	12.46	105	644934	26.303	ug/L	99
58) 1,1,1,2,2-Tetrachloroethane	12.71	83	113559	29.117	ug/L	99
59) 1,2,3-Trichloropropane	12.77	75	82486	28.654	ug/L	99
62) Bromoform	12.35	173	71585	27.205	ug/L	97
63) 1,3-Dichlorobenzene	13.50	146	287579	24.028	ug/L	99
64) 1,4-Dichlorobenzene	13.58	146	296270	24.988	ug/L	92
65) 1,2-Dichlorobenzene	13.87	146	264661	25.389	ug/L	98
66) 1,2-Dibromo-3-chloropropan	14.49	75	18637	27.768	ug/L	87
67) 1,3,5-Trichlorobenzene	14.63	180	213174	24.863	ug/L	99
68) 1,2,4-trichlorobenzene	15.13	180	173743	25.067	ug/L	95
69) Naphthalene	15.37	128	296955	27.747	ug/L	99
70) 1,2,3-Trichlorobenzene	15.56	180	156234	27.023	ug/L	99

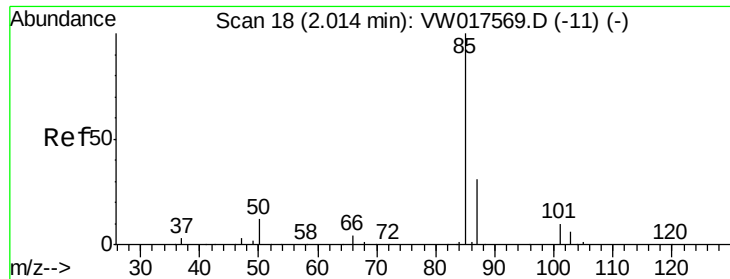
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#2

Dichlorodifluoromethane

Concen: 19.216 ug/L

RT: 2.01 min Scan# 18

Delta R.T. -0.00 min

Lab File: VW017585.D

Acq: 07 Dec 2020 17:40

Instrument :

MSVOA_W

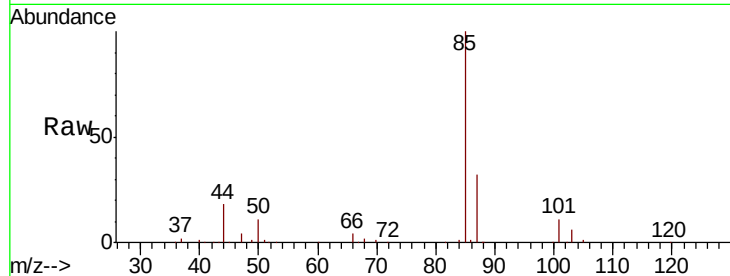
ClientSampled :

Tot Ion: 85 Resp: 68487

Ion Ratio Lower Upper

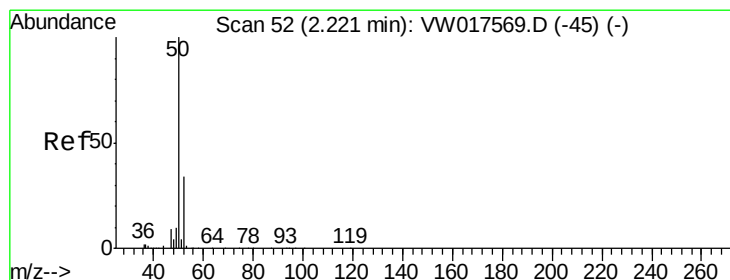
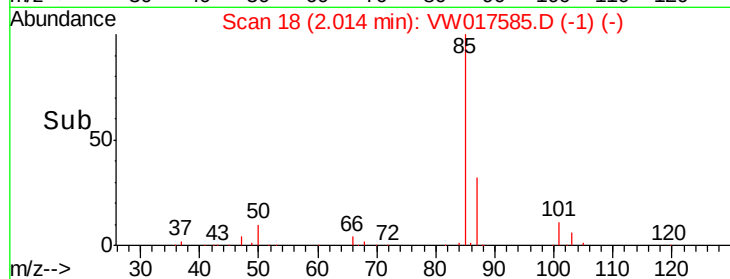
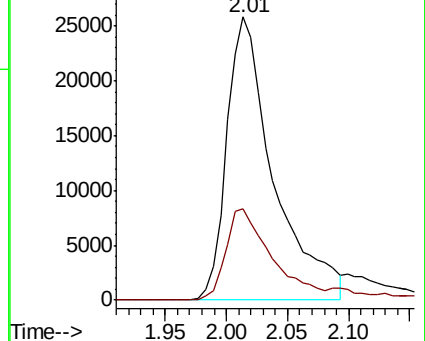
85 100

87 31.8 23.2 43.0



Abundance Ion 85.00 (84.70 to 85.70): VW

Ion 87.00 (86.70 to 87.70): VW



#3

Chloromethane

Concen: 21.921 ug/L

RT: 2.21 min Scan# 51

Delta R.T. -0.01 min

Lab File: VW017585.D

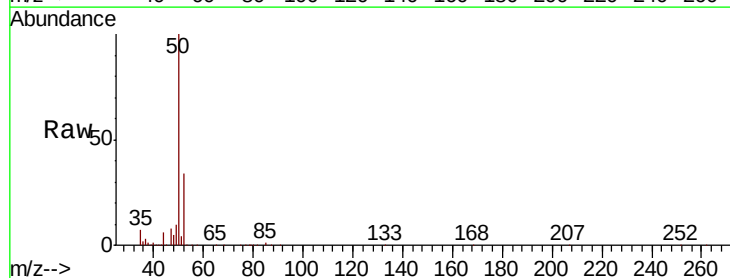
Acq: 07 Dec 2020 17:40

Tgt Ion: 50 Resp: 80435

Ion Ratio Lower Upper

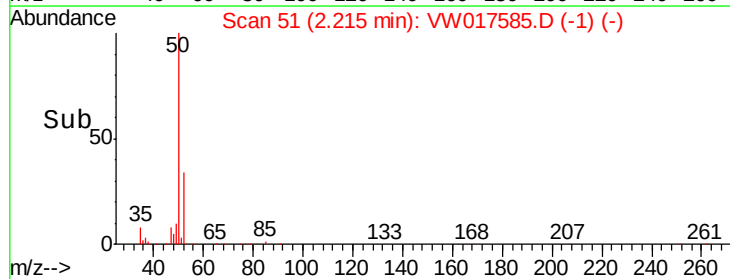
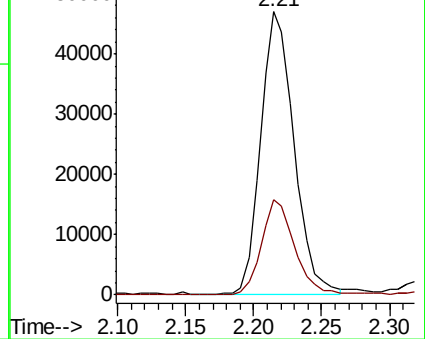
50 100

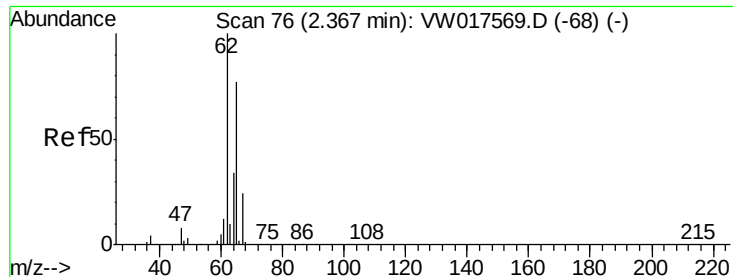
52 33.7 23.4 43.6



Abundance Ion 50.00 (49.70 to 50.70): VW

Ion 52.00 (51.70 to 52.70): VW





#5

Vinyl chloride

Concen: 26.887 ug/L

RT: 2.37 min Scan# 76

Delta R.T. -0.00 min

Lab File: VW017585.D

Acq: 07 Dec 2020 17:40

Instrument :

MSVOA_W

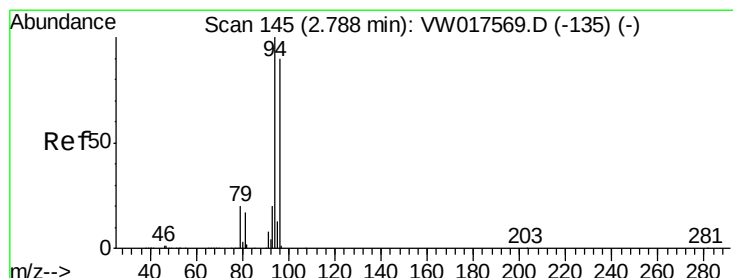
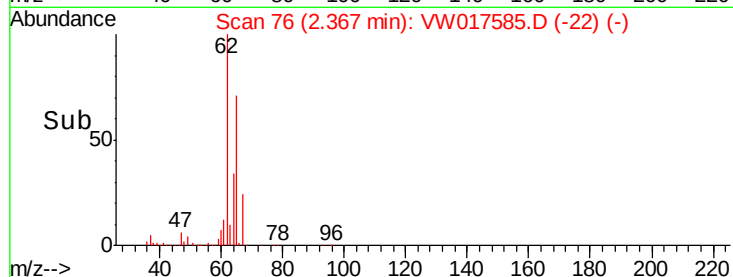
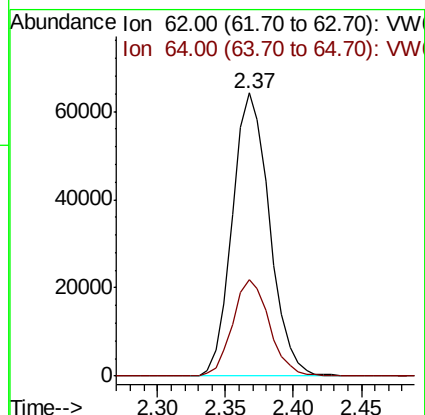
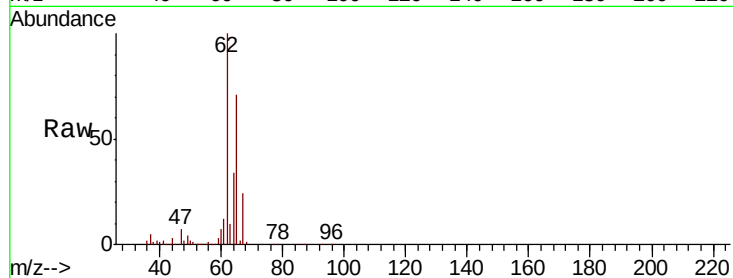
ClientSampleId :

Tot Ion: 62 Resp: 122349

Ion Ratio Lower Upper

62 100

64 34.1 23.9 44.5



#6

Bromomethane

Concen: 24.797 ug/L

RT: 2.79 min Scan# 145

Delta R.T. -0.00 min

Lab File: VW017585.D

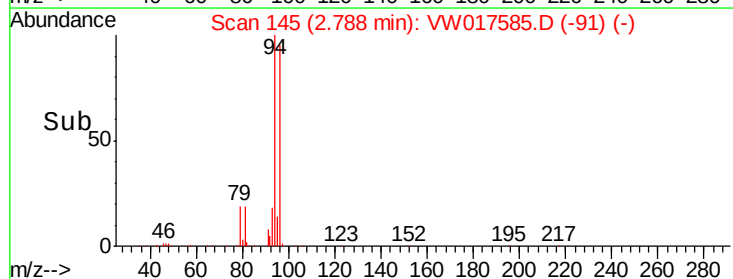
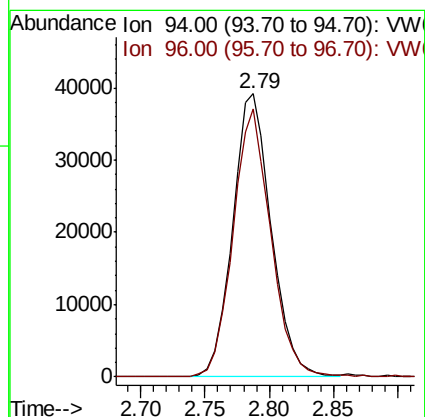
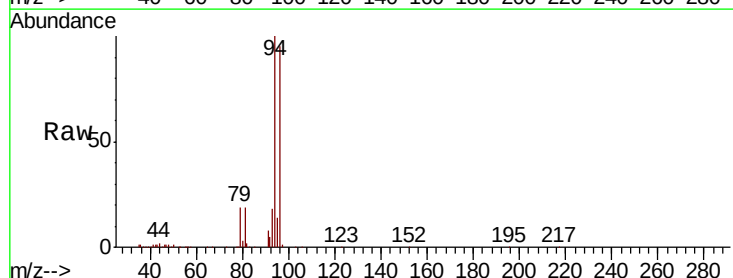
Acq: 07 Dec 2020 17:40

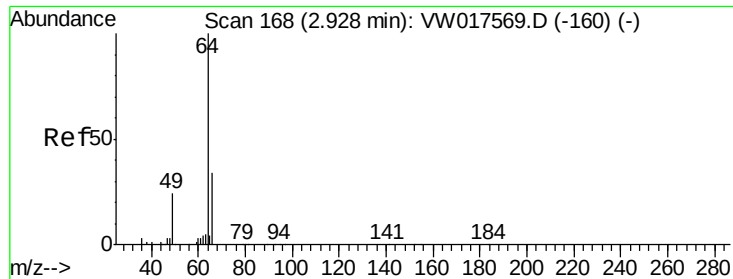
Tgt Ion: 94 Resp: 81252

Ion Ratio Lower Upper

94 100

96 92.6 9.4 178.0

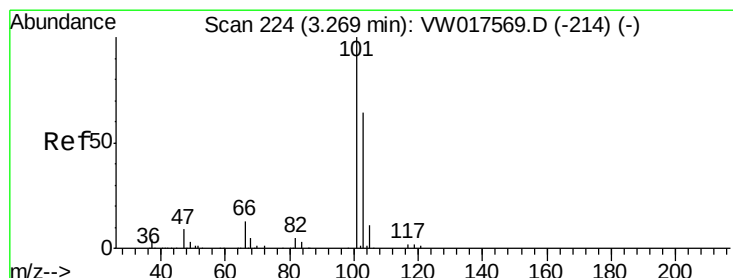
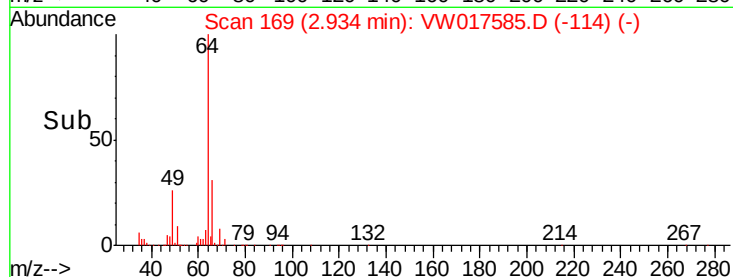
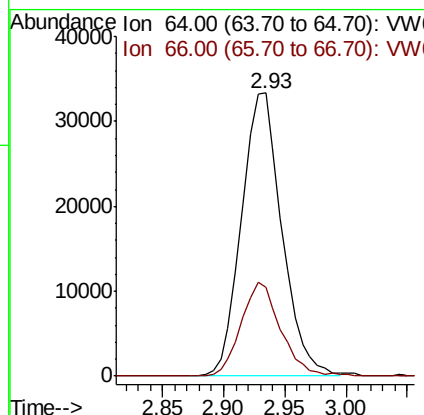
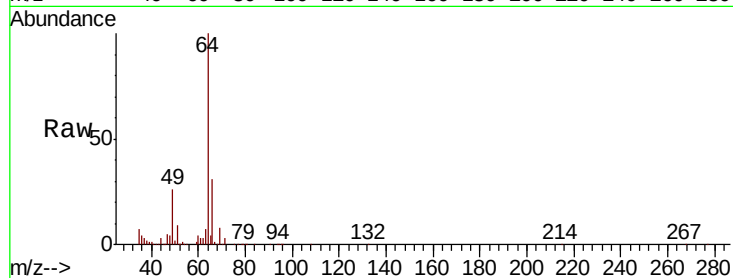




#8
Chloroethane
Concen: 25.146 ug/L
RT: 2.93 min Scan# 169
Delta R.T. 0.01 min
Lab File: VW017585.D
Acq: 07 Dec 2020 17:40

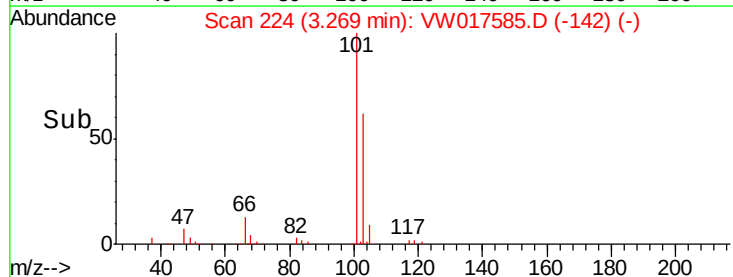
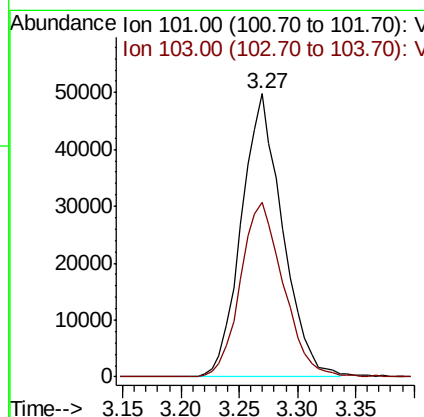
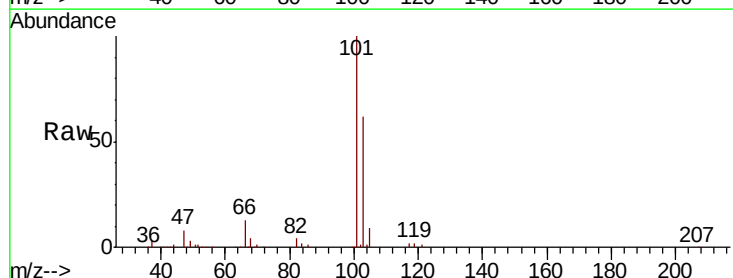
Instrument :
MSVOA_W
ClientSampleId :

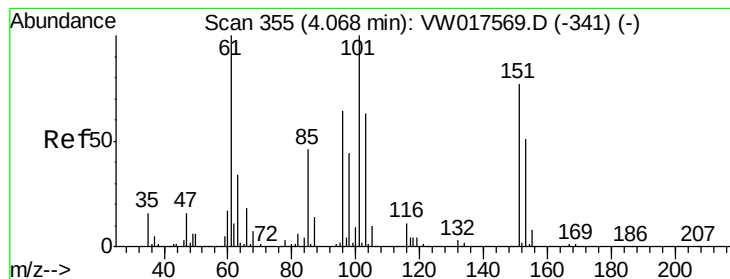
Tot Ion: 64 Resp: 76878
Ion Ratio Lower Upper
64 100
66 31.3 22.0 41.0



#9
Trichlorofluoromethane
Concen: 23.487 ug/L
RT: 3.27 min Scan# 224
Delta R.T. -0.00 min
Lab File: VW017585.D
Acq: 07 Dec 2020 17:40

Tgt Ion: 101 Resp: 122385
Ion Ratio Lower Upper
101 100
103 64.3 45.0 83.6





#11

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

Concen: 25.450 ug/L

RT: 4.07 min Scan# 356

Delta R.T. 0.01 min

Lab File: VW017585.D

Acq: 07 Dec 2020 17:40

Instrument :

MSVOA_W

ClientSampled :

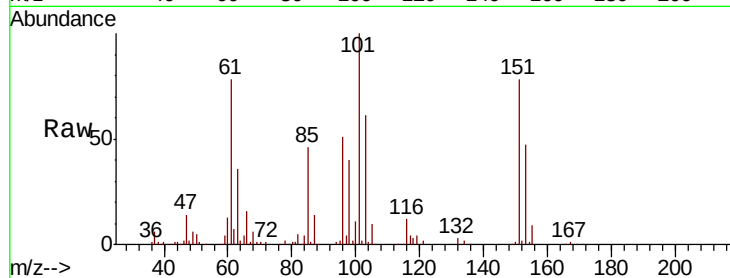
Tot Ion:101 Resp: 135731

Ion Ratio Lower Upper

101 100

85 42.7 34.2 51.4

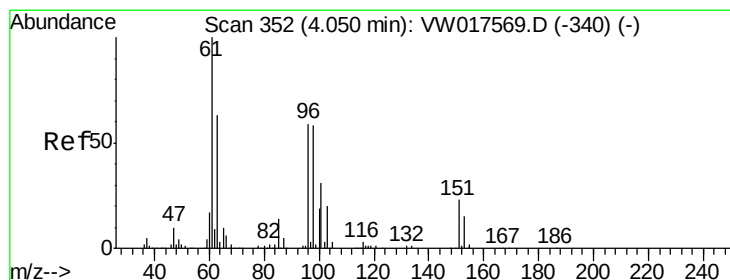
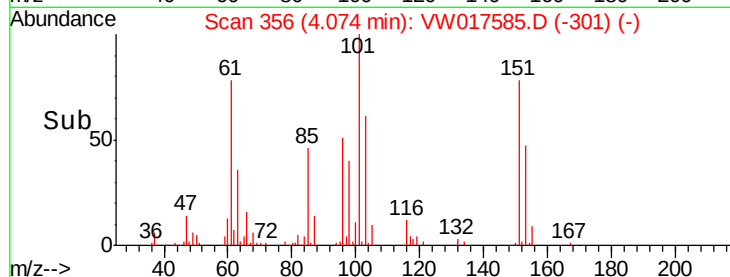
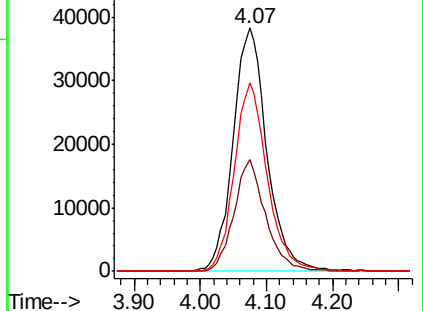
151 75.5 30.4 45.6#



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VW

Ion 151.00 (150.70 to 151.70): V



#12

1,1-Dichloroethene

Concen: 24.112 ug/L

RT: 4.05 min Scan# 352

Delta R.T. -0.00 min

Lab File: VW017585.D

Acq: 07 Dec 2020 17:40

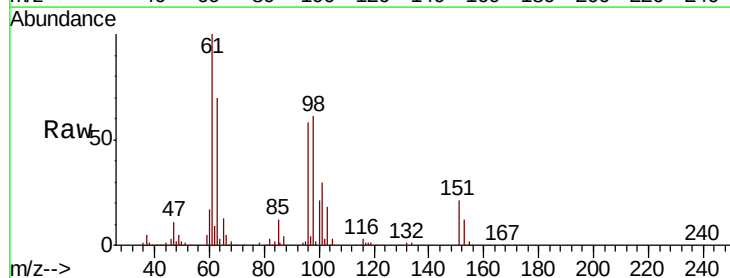
Tgt Ion: 96 Resp: 125397

Ion Ratio Lower Upper

96 100

61 171.9 112.5 208.9

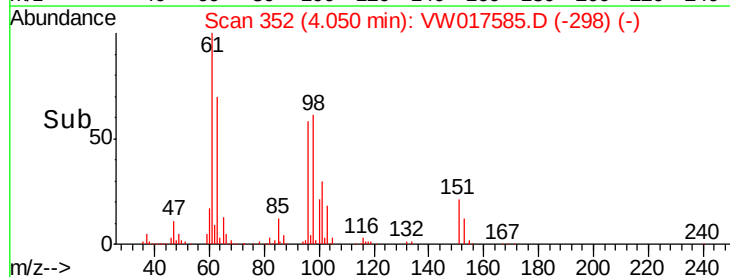
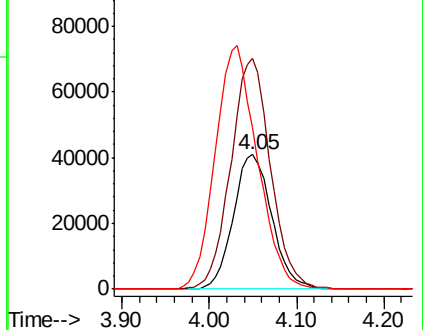
63 120.2 83.1 154.3

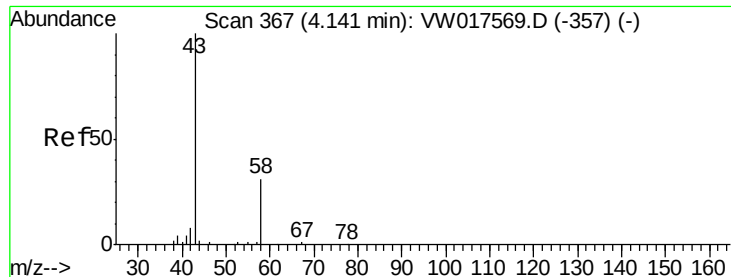


Abundance Ion 96.00 (95.70 to 96.70): VW

Ion 61.00 (60.70 to 61.70): VW

Ion 63.00 (62.70 to 63.70): VW





#13

Acetone

Concen: 56.320 ug/L

RT: 4.13 min Scan# 365

Delta R.T. -0.01 min

Lab File: VW017585.D

Acq: 07 Dec 2020 17:40

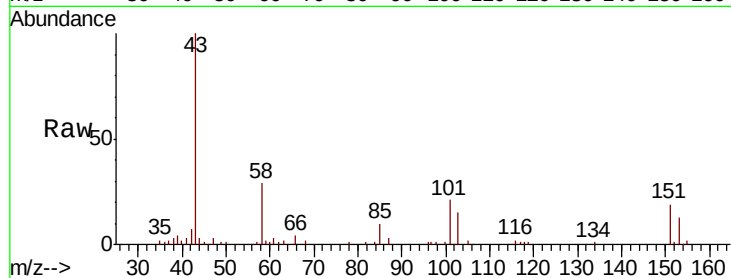
Instrument :
MSVOA_W
ClientSampleId :

Tot Ion: 43 Resp: 56387

Ion Ratio Lower Upper

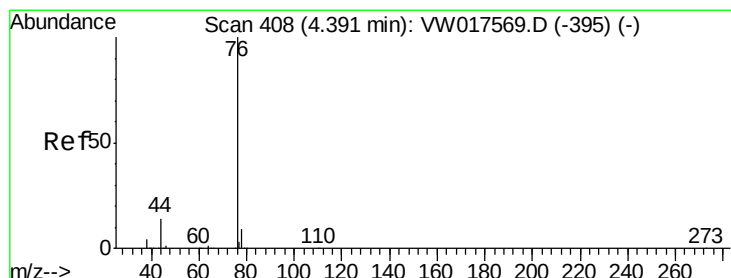
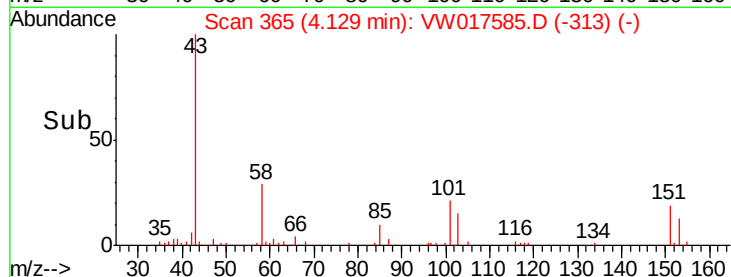
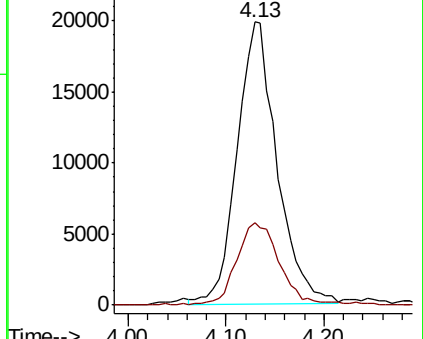
43 100

58 30.0 0.0 68.4



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



#14

Carbon disulfide

Concen: 23.058 ug/L

RT: 4.39 min Scan# 408

Delta R.T. -0.00 min

Lab File: VW017585.D

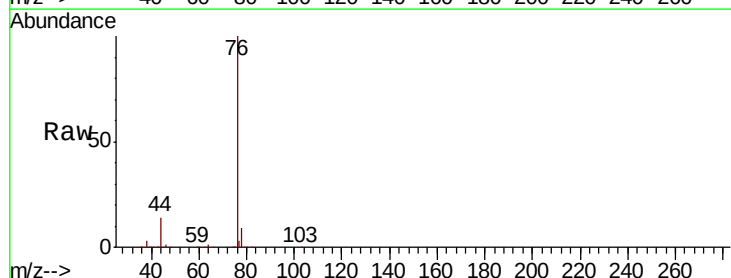
Acq: 07 Dec 2020 17:40

Tgt Ion: 76 Resp: 342993

Ion Ratio Lower Upper

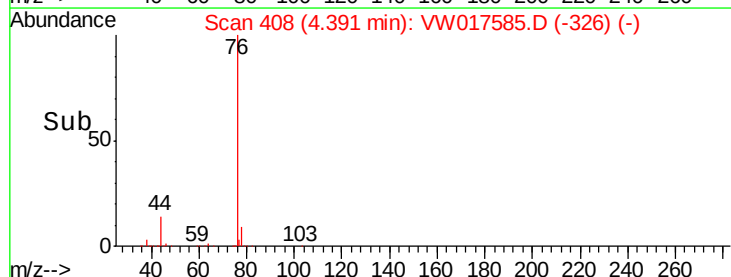
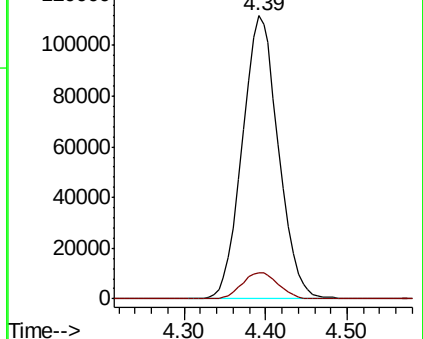
76 100

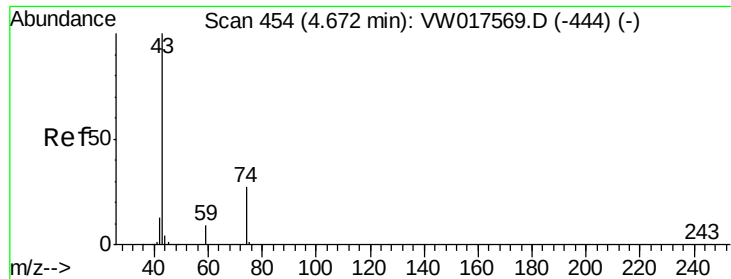
78 9.4 7.0 10.4



Abundance Ion 76.00 (75.70 to 76.70): VW

Ion 78.00 (77.70 to 78.70): VW

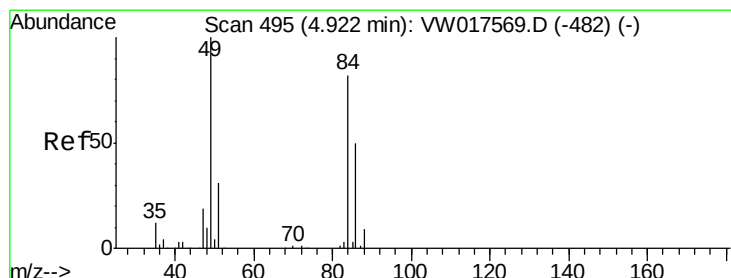
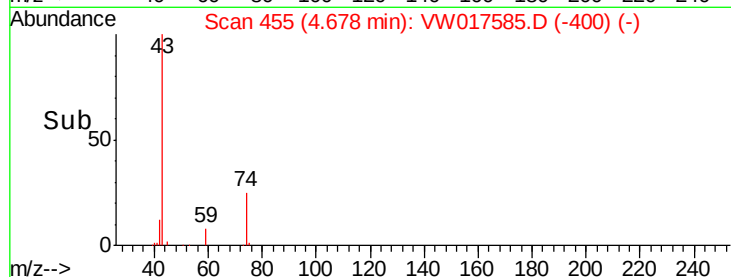
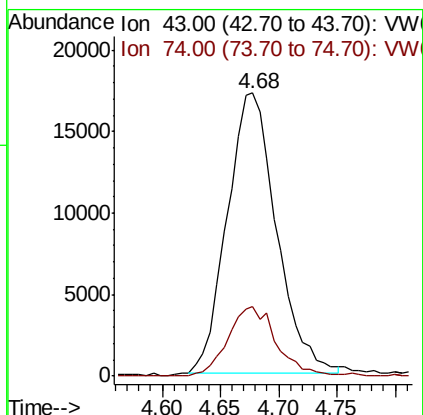
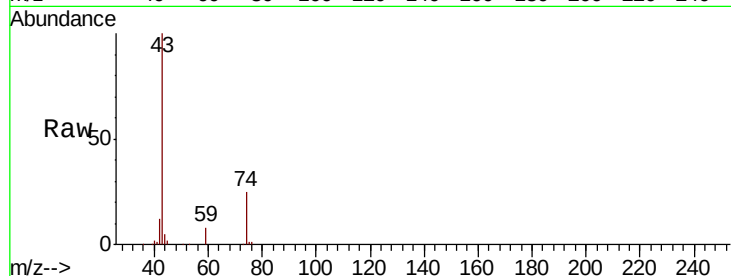




#15
Methyl Acetate
Concen: 28.925 ug/L
RT: 4.68 min Scan# 455
Delta R.T. 0.01 min
Lab File: VW017585.D
Acq: 07 Dec 2020 17:40

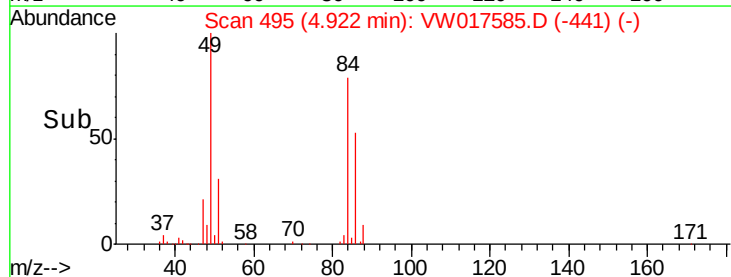
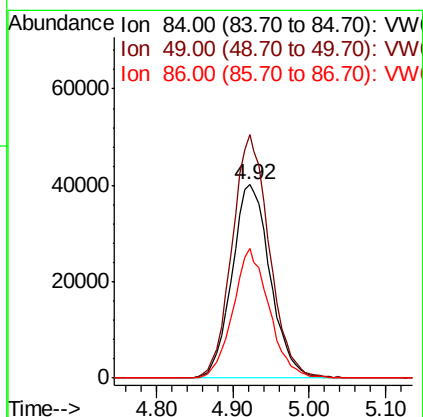
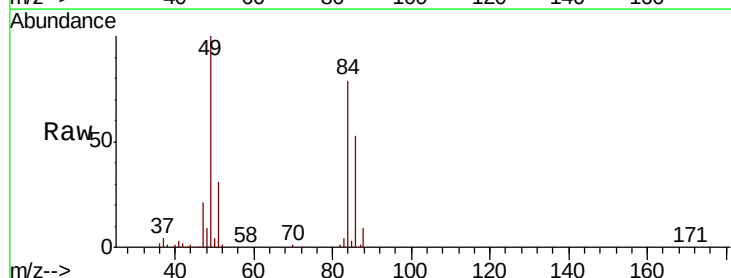
Instrument :
MSVOA_W
ClientSampleId :

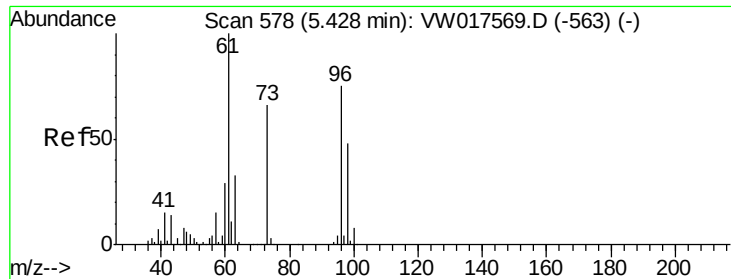
Tot Ion: 43 Resp: 50409
Ion Ratio Lower Upper
43 100
74 24.4 20.7 31.1



#16
Methylene chloride
Concen: 24.686 ug/L
RT: 4.92 min Scan# 495
Delta R.T. -0.00 min
Lab File: VW017585.D
Acq: 07 Dec 2020 17:40

Tgt Ion: 84 Resp: 139014
Ion Ratio Lower Upper
84 100
49 125.9 81.2 150.8
86 67.3 44.5 82.7

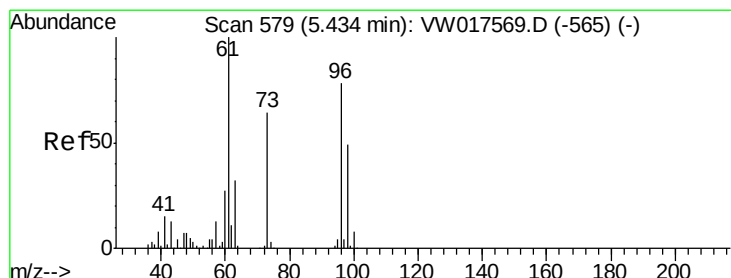
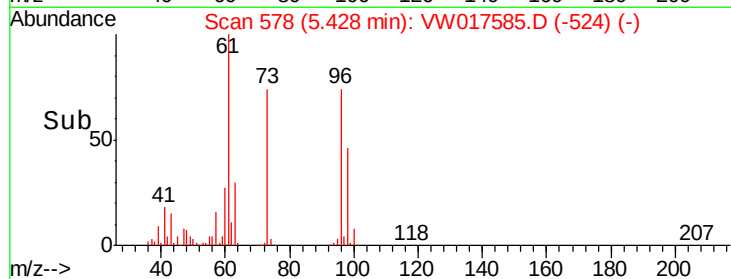
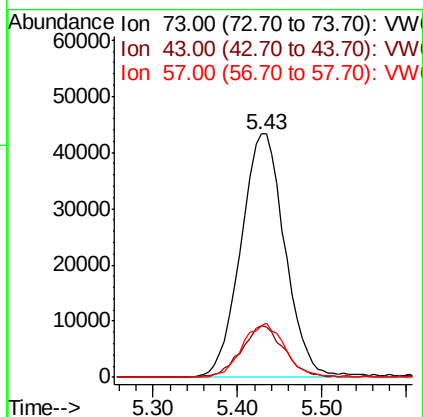
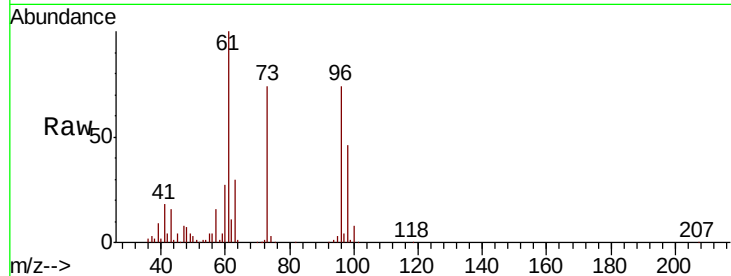




#17
Methyl tert-butyl Ether
Concen: 27.548 ug/L
RT: 5.43 min Scan# 578
Delta R.T. -0.00 min
Lab File: VW017585.D
Acq: 07 Dec 2020 17:40

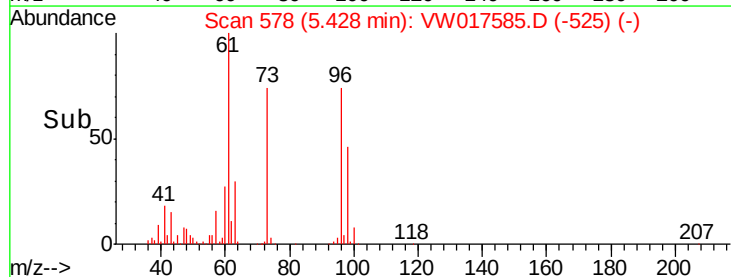
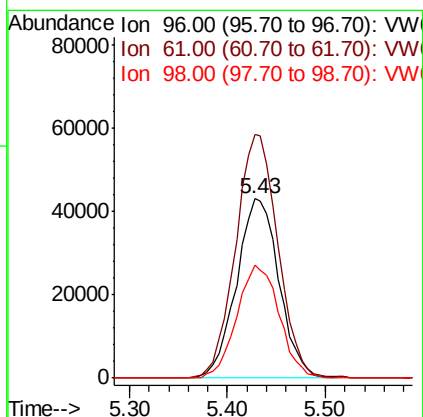
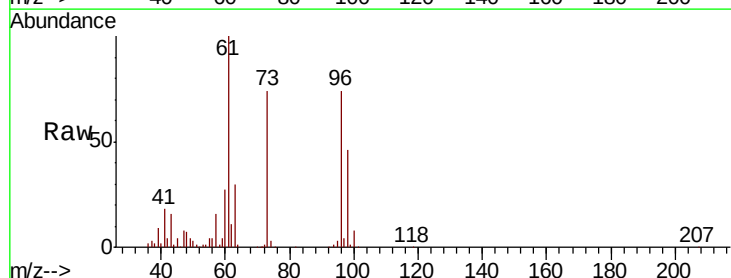
Instrument :
MSVOA_W
ClientSampled :

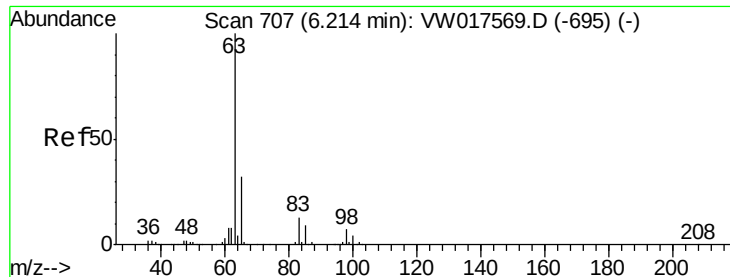
Tot Ion: 73 Resp: 154096
Ion Ratio Lower Upper
73 100
43 20.0 16.2 24.4
57 21.7 17.2 25.8



#18
trans-1,2-Dichloroethene
Concen: 24.365 ug/L
RT: 5.43 min Scan# 578
Delta R.T. -0.01 min
Lab File: VW017585.D
Acq: 07 Dec 2020 17:40

Tgt Ion: 96 Resp: 130257
Ion Ratio Lower Upper
96 100
61 135.9 92.7 172.1
98 62.9 43.3 80.3

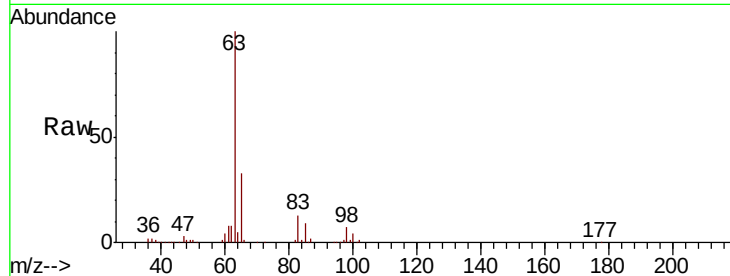




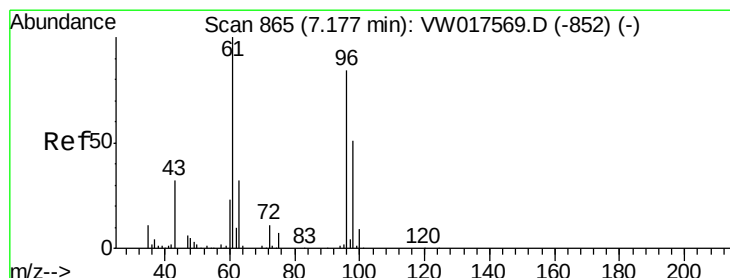
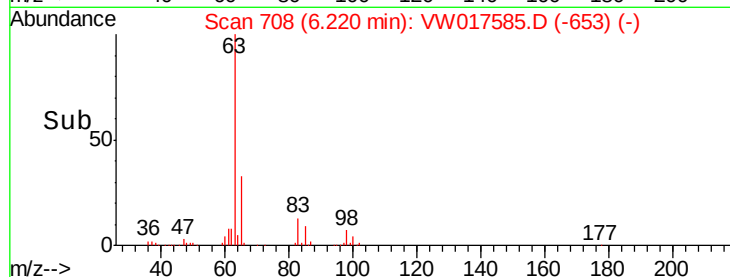
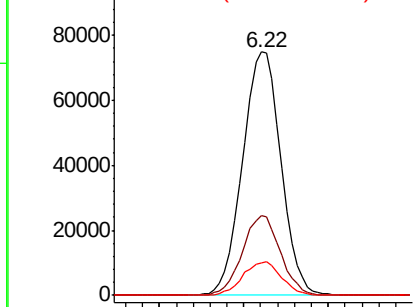
#19
 1,1-Dichloroethane
 Concen: 25.713 ug/L
 RT: 6.22 min Scan# 708
 Delta R.T. 0.01 min
 Lab File: VW017585.D
 Acq: 07 Dec 2020 17:40

Instrument :
 MSVOA_W
 ClientSampled :

Tot Ion: 63 Resp: 232088
 Ion Ratio Lower Upper
 63 100
 65 32.6 21.9 40.7
 83 13.5 9.4 17.6

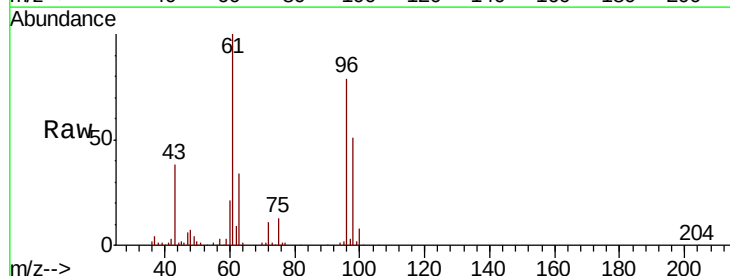


Abundance Ion 63.00 (62.70 to 63.70): VW
 Ion 65.00 (64.70 to 65.70): VW
 Ion 83.00 (82.70 to 83.70): VW

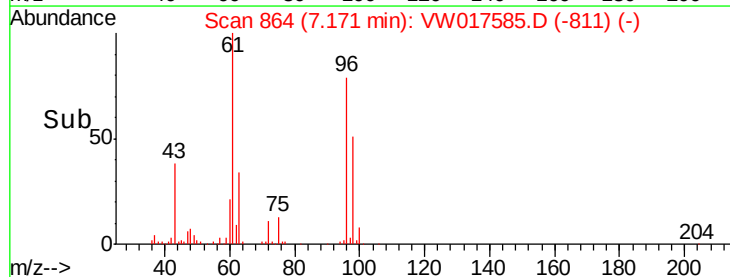
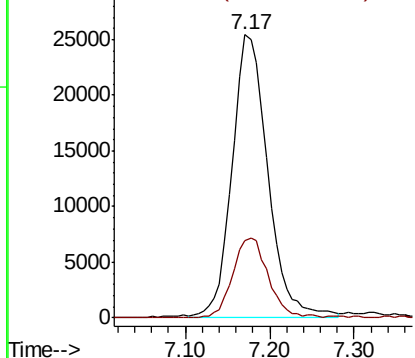


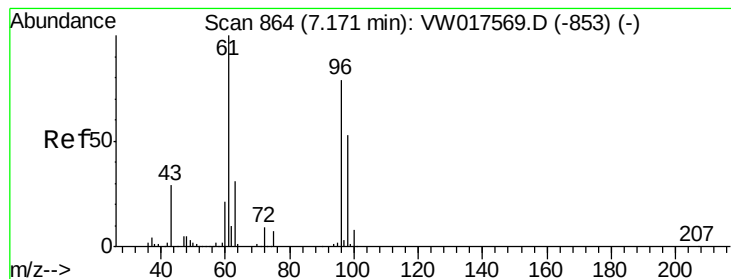
#21
 2-Butanone
 Concen: 60.810 ug/L
 RT: 7.17 min Scan# 864
 Delta R.T. -0.01 min
 Lab File: VW017585.D
 Acq: 07 Dec 2020 17:40

Tgt Ion: 43 Resp: 72857
 Ion Ratio Lower Upper
 43 100
 72 27.8 14.4 43.2



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



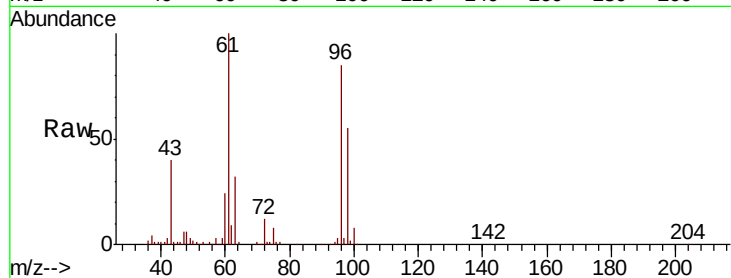


#22

cis-1,2-Dichloroethene
Concen: 24.995 ug/L
RT: 7.18 min Scan# 865
Delta R.T. 0.01 min
Lab File: VW017585.D
Acq: 07 Dec 2020 17:40

Instrument :
MSVOA_W
ClientSampled :

Tot Ion	96	Resp	139417
Ion	Ratio	Lower	Upper
96	100		
61	118.3	84.6	157.2
98	65.6	44.7	82.9

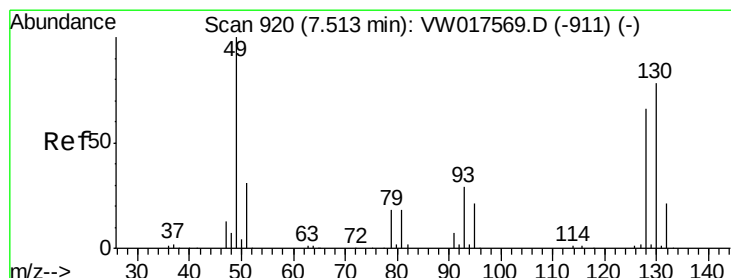
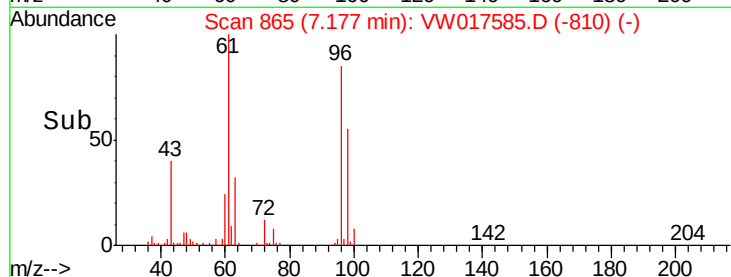
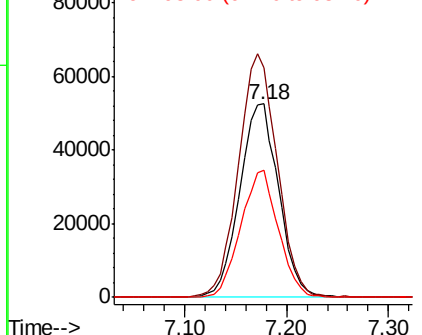


Abundance

Ion 96.00 (95.70 to 96.70): VW

Ion 61.00 (60.70 to 61.70): VW

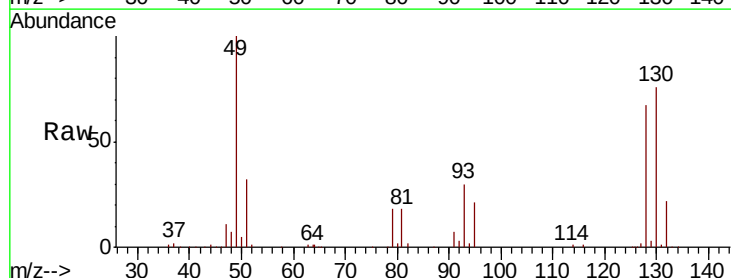
Ion 98.00 (97.70 to 98.70): VW



#23

Bromochloromethane
Concen: 25.213 ug/L
RT: 7.52 min Scan# 921
Delta R.T. 0.01 min
Lab File: VW017585.D
Acq: 07 Dec 2020 17:40

Tgt Ion	128	Resp	63883
Ion	Ratio	Lower	Upper
128	100		
49	150.3	101.6	188.6
130	114.1	90.4	167.8
51	47.8	37.7	56.5



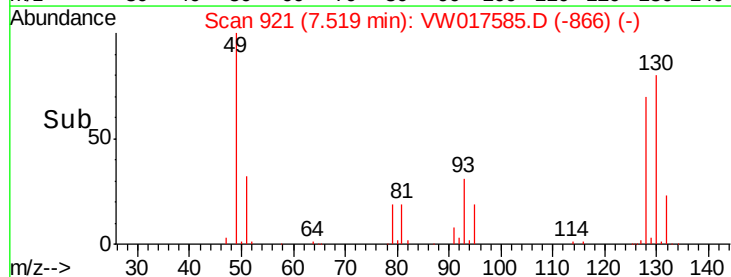
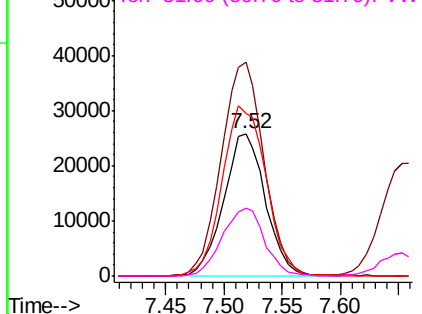
Abundance

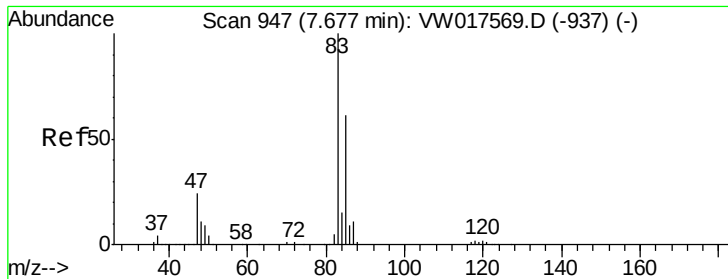
Ion 128.00 (127.70 to 128.70): V

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

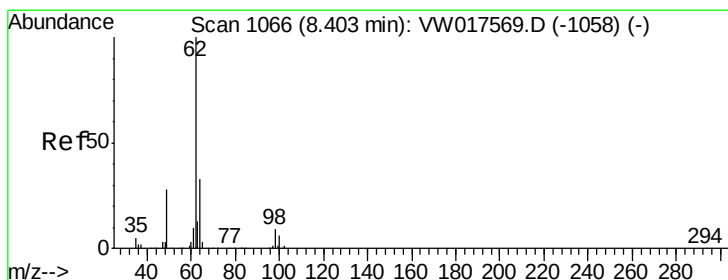
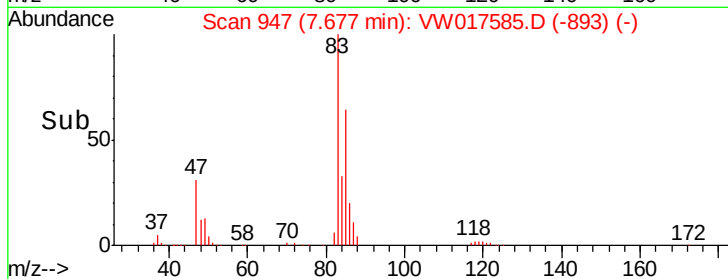
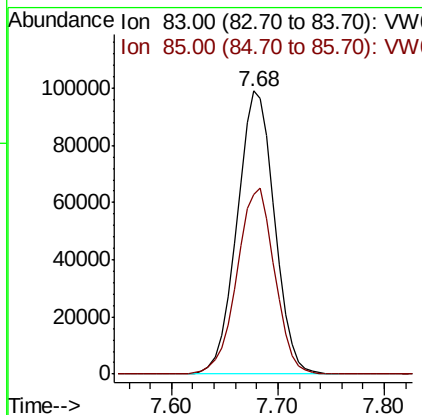
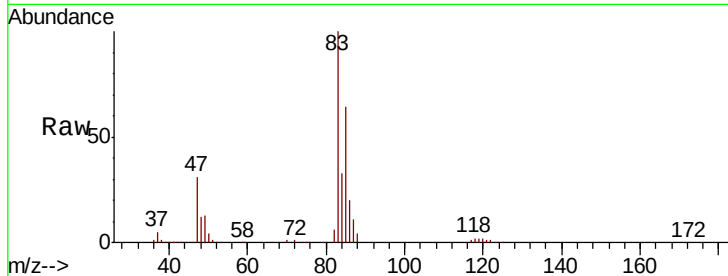




#25
Chloroform
Concen: 25.671 ug/L
RT: 7.68 min Scan# 947
Delta R.T. -0.00 min
Lab File: VW017585.D
Acq: 07 Dec 2020 17:40

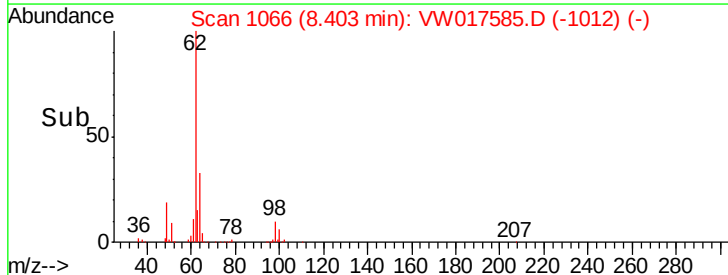
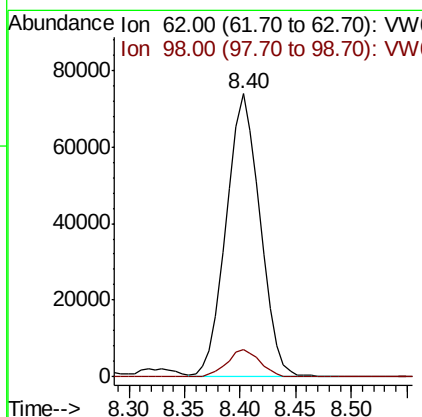
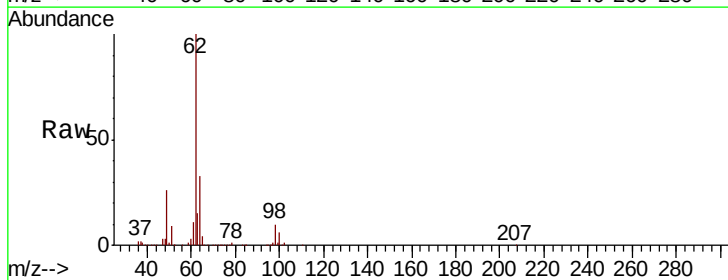
Instrument :
MSVOA_W
ClientSampled :

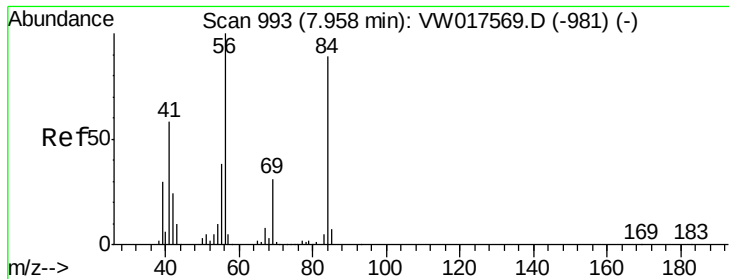
Tot Ion: 83 Resp: 244622
Ion Ratio Lower Upper
83 100
85 66.0 45.7 84.9



#27
1,2-Dichloroethane
Concen: 27.182 ug/L
RT: 8.40 min Scan# 1066
Delta R.T. -0.00 min
Lab File: VW017585.D
Acq: 07 Dec 2020 17:40

Tgt Ion: 62 Resp: 155997
Ion Ratio Lower Upper
62 100
98 9.6 8.0 12.0

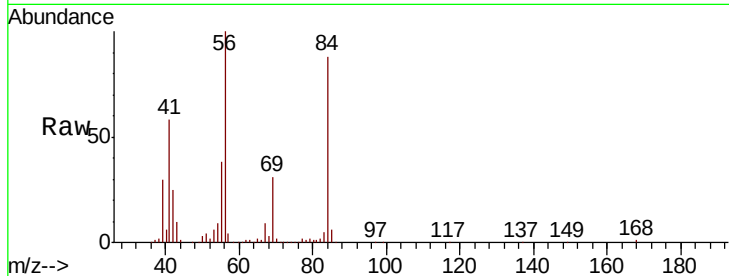




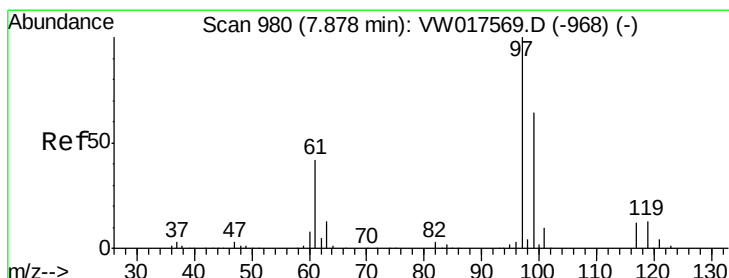
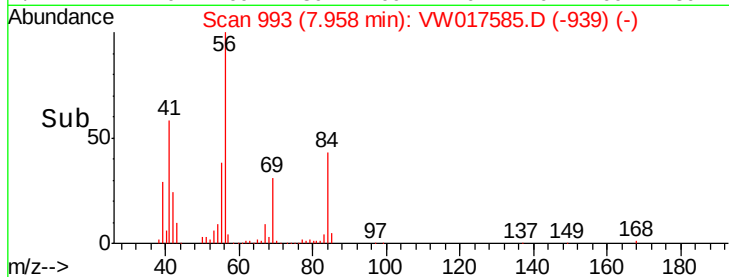
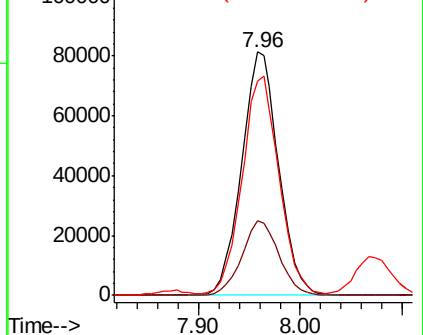
#30
Cyclohexane
Concen: 25.106 ug/L
RT: 7.96 min Scan# 993
Delta R.T. -0.00 min
Lab File: VW017585.D
Acq: 07 Dec 2020 17:40

Instrument :
MSVOA_W
ClientSampleId :

Tot Ion: 56 Resp: 205146
Ion Ratio Lower Upper
56 100
69 30.6 24.8 37.2
84 90.1 74.2 111.4

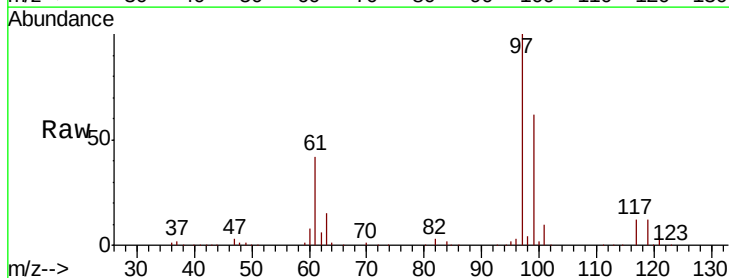


Abundance Ion 56.00 (55.70 to 56.70): VW
Ion 69.00 (68.70 to 69.70): VW
Ion 84.00 (83.70 to 84.70): VW

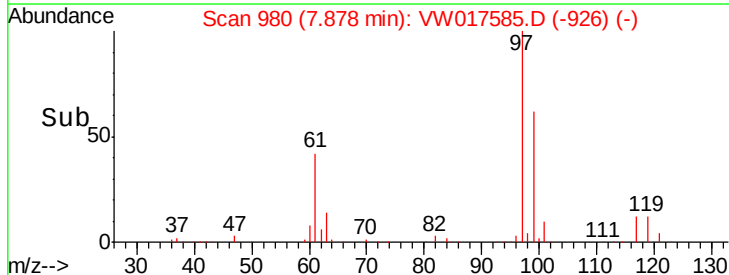
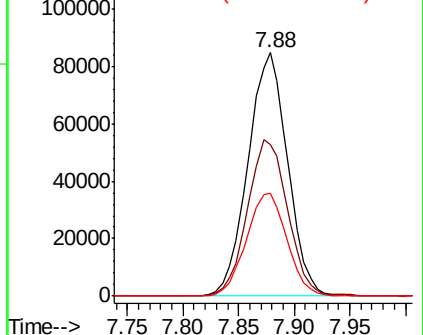


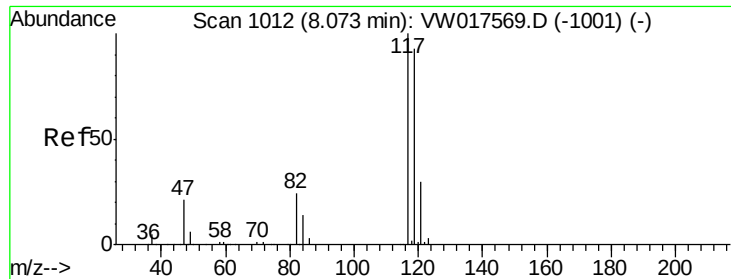
#31
1,1,1-Trichloroethane
Concen: 25.934 ug/L
RT: 7.88 min Scan# 980
Delta R.T. -0.00 min
Lab File: VW017585.D
Acq: 07 Dec 2020 17:40

Tgt Ion: 97 Resp: 210258
Ion Ratio Lower Upper
97 100
99 65.2 51.0 76.4
61 43.4 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

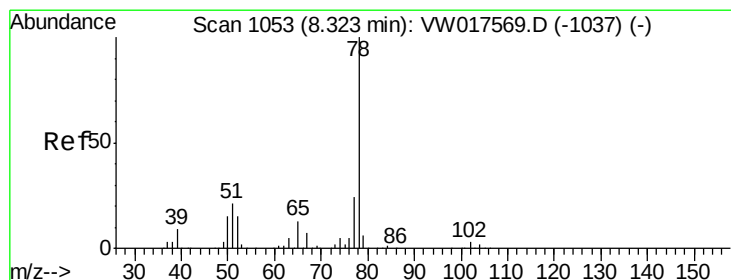
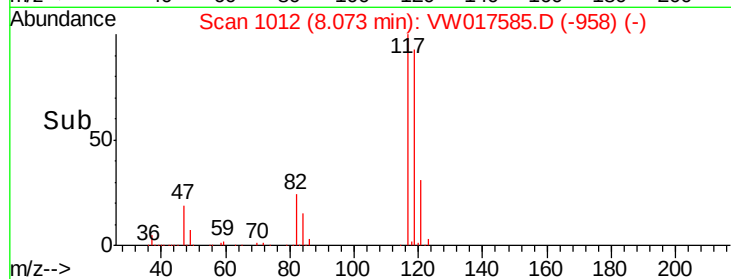
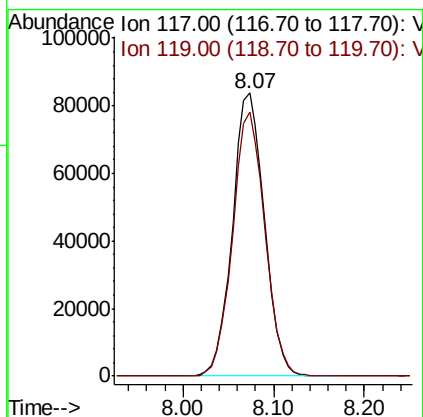
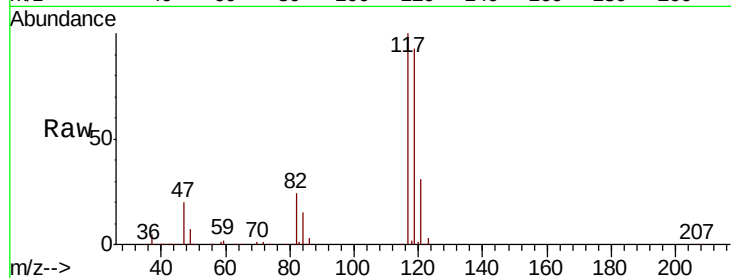




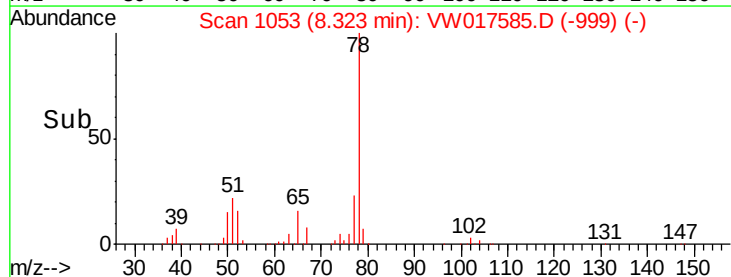
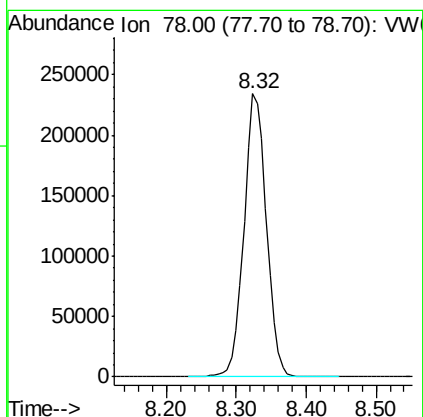
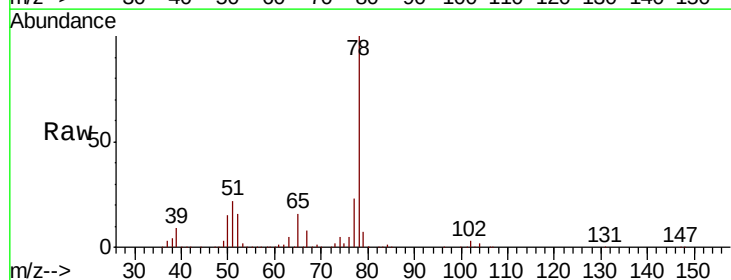
#32
Carbon tetrachloride
Concen: 26.106 ug/L
RT: 8.07 min Scan# 1012
Delta R.T. -0.00 min
Lab File: VW017585.D
Acq: 07 Dec 2020 17:40

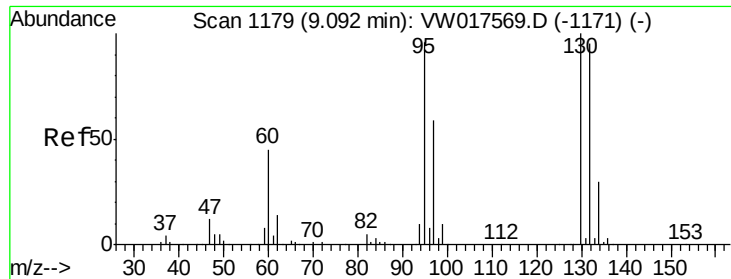
Instrument :
MSVOA_W
ClientSampleId :

Tot Ion:117 Resp: 205517
Ion Ratio Lower Upper
117 100
119 94.5 75.8 113.8



#34
Benzene
Concen: 25.326 ug/L
RT: 8.32 min Scan# 1053
Delta R.T. -0.00 min
Lab File: VW017585.D
Acq: 07 Dec 2020 17:40
Tgt Ion: 78 Resp: 521446

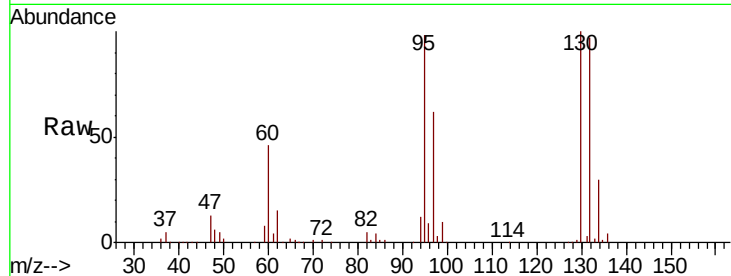




#35
 Trichloroethene
 Concen: 24.787 ug/L
 RT: 9.09 min Scan# 1179
 Delta R.T. -0.00 min
 Lab File: VW017585.D
 Acq: 07 Dec 2020 17:40

Instrument :
 MSVOA_W
 ClientSampled :

Tot Ion:	95	Resp:	141482
Ion	Ratio	Lower	Upper
95	100		
97	64.9	45.0	83.6
132	100.3	71.0	131.8
130	104.9	75.6	140.4



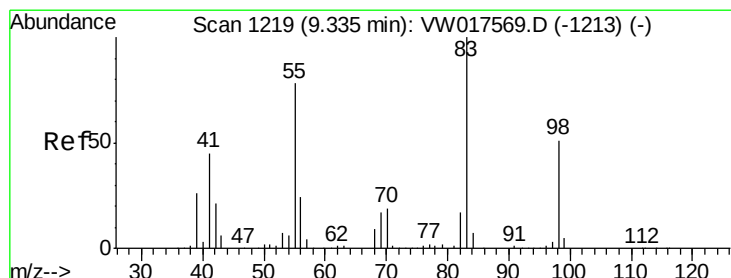
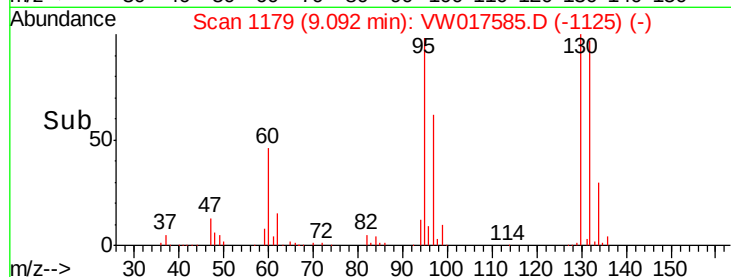
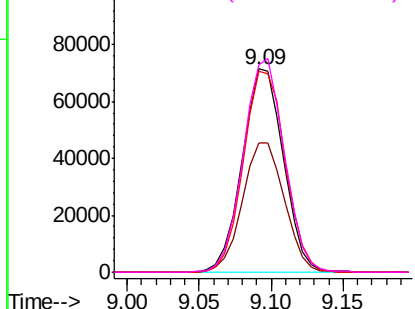
Abundance

Ion 95.00 (94.70 to 95.70): VW

Ion 97.00 (96.70 to 97.70): VW

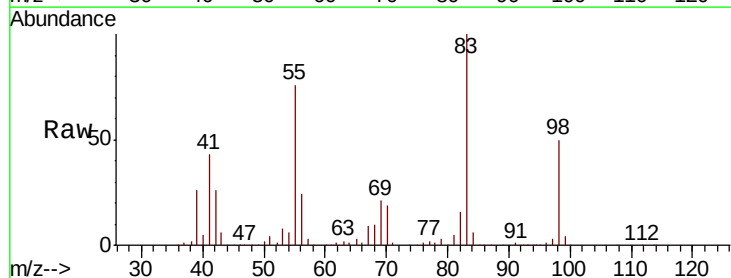
Ion 132.00 (131.70 to 132.70): V

Ion 130.00 (129.70 to 130.70): V



#36
 Methylcyclohexane
 Concen: 24.815 ug/L
 RT: 9.34 min Scan# 1219
 Delta R.T. -0.00 min
 Lab File: VW017585.D
 Acq: 07 Dec 2020 17:40

Tgt Ion:	83	Resp:	234225
Ion	Ratio	Lower	Upper
83	100		
55	74.9	59.4	89.0
98	50.4	40.7	61.1

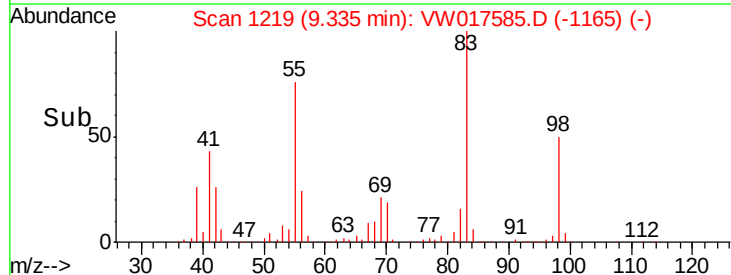
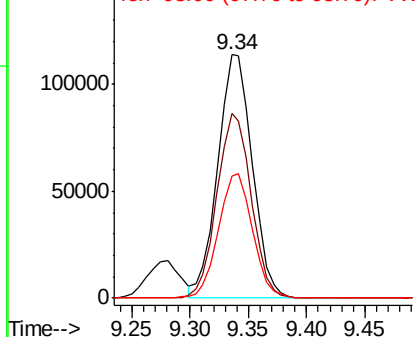


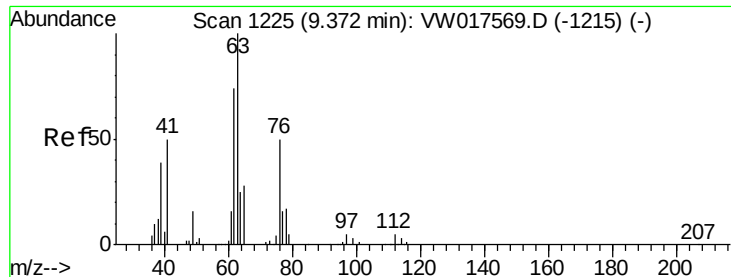
Abundance

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

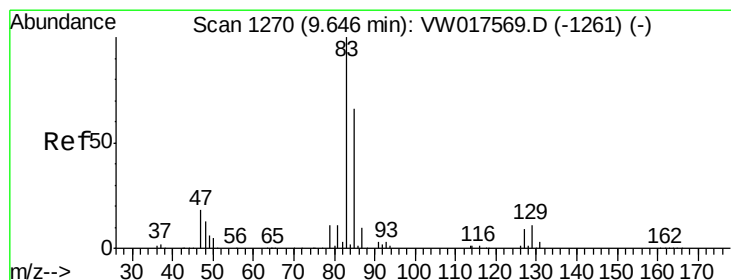
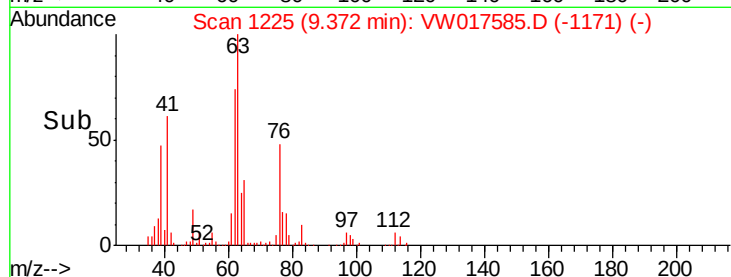
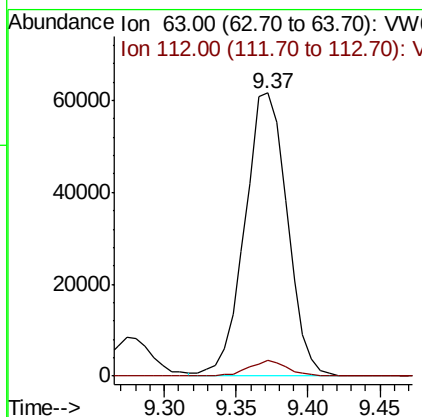
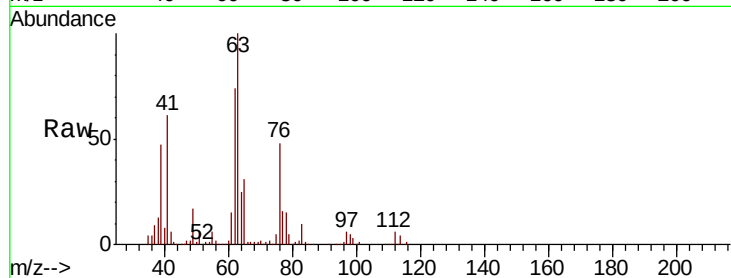




#40
 1,2-Dichloropropane
 Concen: 26.083 ug/L
 RT: 9.37 min Scan# 1225
 Delta R.T. -0.00 min
 Lab File: VW017585.D
 Acq: 07 Dec 2020 17:40

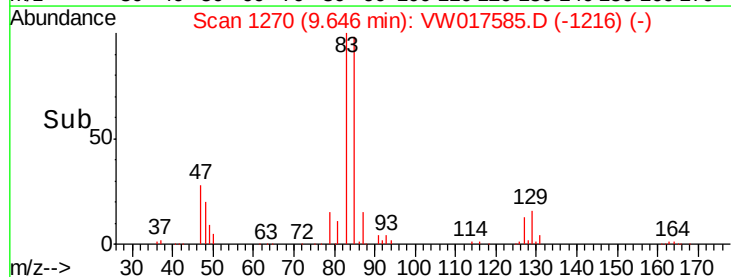
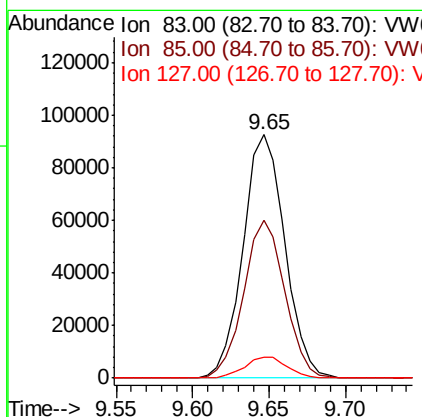
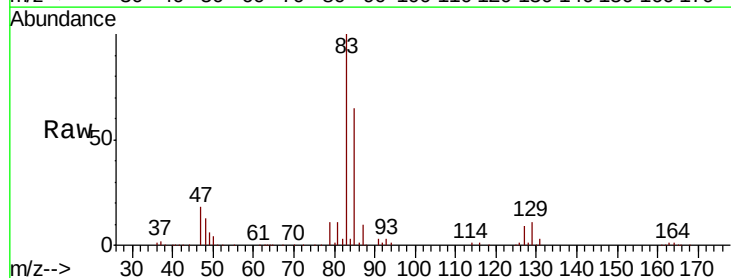
Instrument :
 MSVOA_W
 ClientSampled :

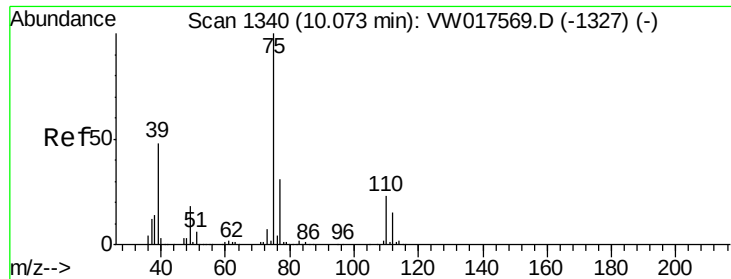
Tot Ion: 63 Resp: 126138
 Ion Ratio Lower Upper
 63 100
 112 5.0 4.2 6.4



#41
 Bromodichloromethane
 Concen: 26.373 ug/L
 RT: 9.65 min Scan# 1270
 Delta R.T. -0.00 min
 Lab File: VW017585.D
 Acq: 07 Dec 2020 17:40

Tgt Ion: 83 Resp: 176221
 Ion Ratio Lower Upper
 83 100
 85 64.9 46.8 86.8
 127 8.7 7.6 11.4





#42

cis-1,3-Dichloropropene

Concen: 26.855 ug/L

RT: 10.07 min Scan# 1340

Delta R.T. -0.00 min

Lab File: VW017585.D

Acq: 07 Dec 2020 17:40

Instrument :

MSVOA_W

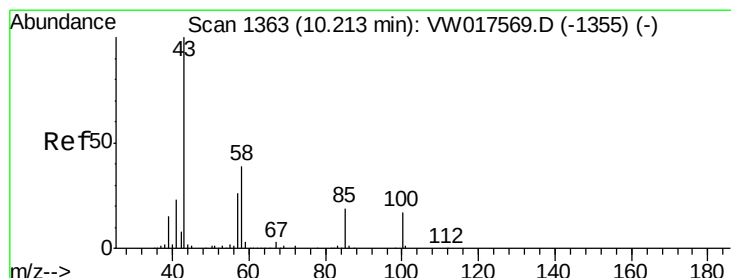
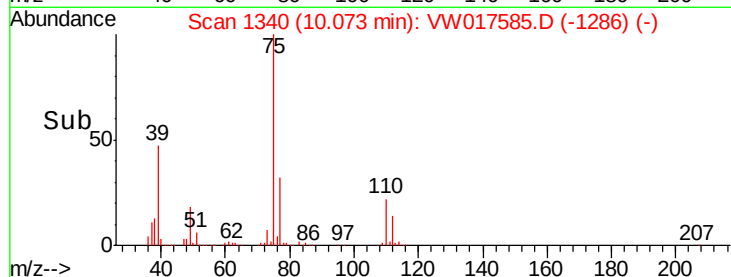
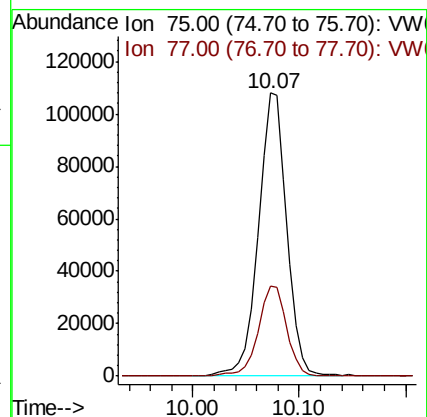
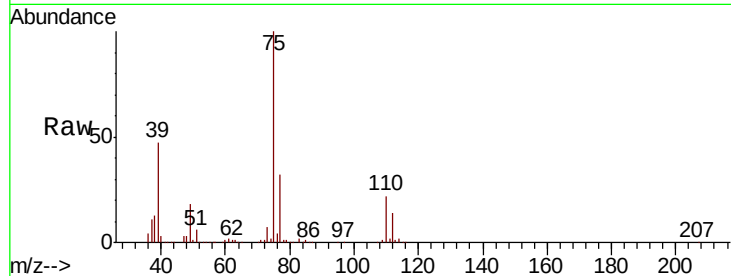
ClientSampled :

Tot Ion: 75 Resp: 201159

Ion Ratio Lower Upper

75 100

77 31.7 22.7 42.3



#43

4-Methyl-2-pentanone

Concen: 60.677 ug/L

RT: 10.21 min Scan# 1363

Delta R.T. -0.00 min

Lab File: VW017585.D

Acq: 07 Dec 2020 17:40

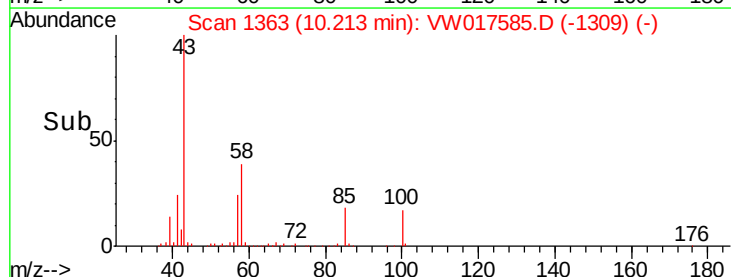
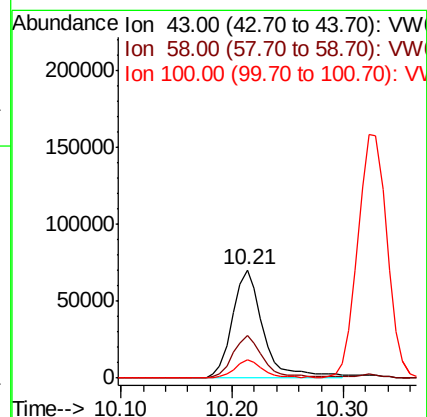
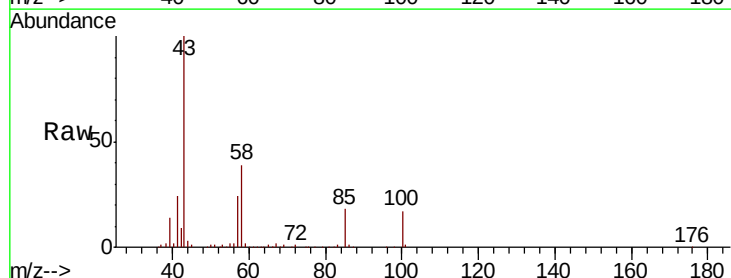
Tgt Ion: 43 Resp: 135092

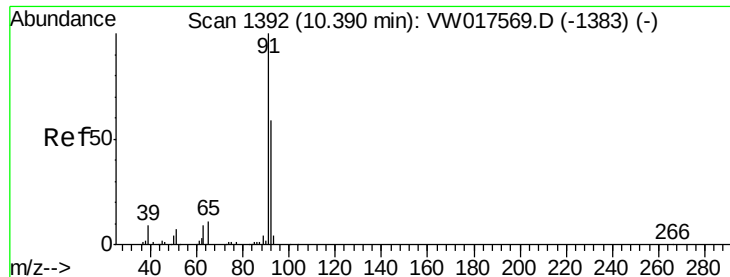
Ion Ratio Lower Upper

43 100

58 37.2 31.6 47.4

100 15.6 14.1 21.1





#44

Toluene

Concen: 25.339 ug/L

RT: 10.39 min Scan# 1392

Delta R.T. -0.00 min

Lab File: VW017585.D

Acq: 07 Dec 2020 17:40

Instrument :

MSVOA_W

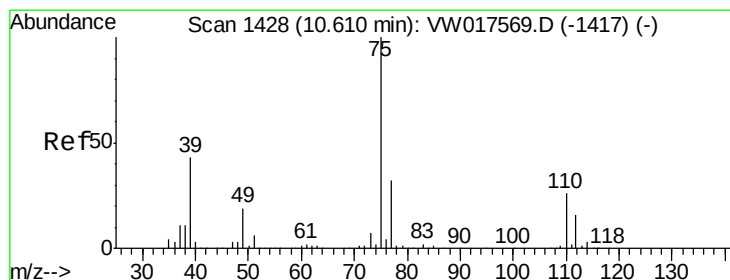
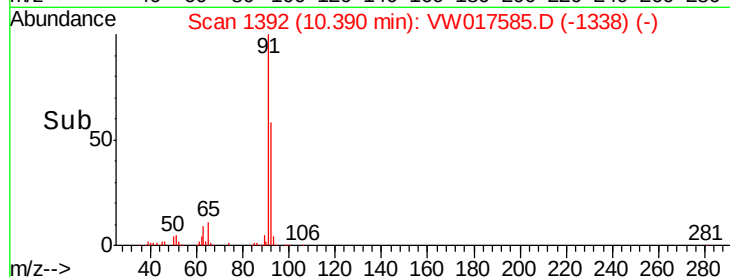
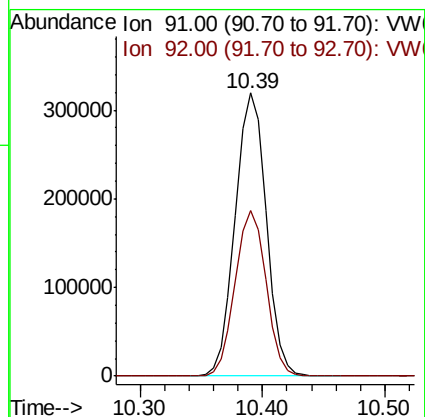
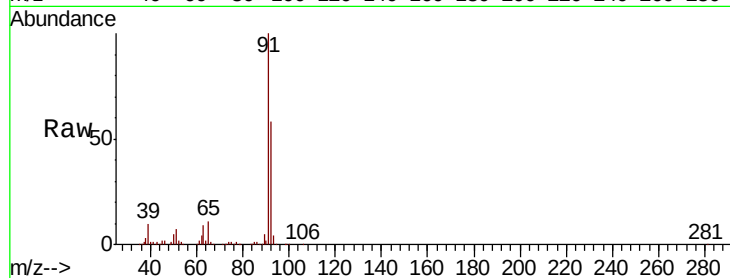
ClientSampleId :

Tot Ion: 91 Resp: 561415

Ion Ratio Lower Upper

91 100

92 58.4 41.6 77.3



#45

trans-1,3-Dichloropropene

Concen: 27.457 ug/L

RT: 10.61 min Scan# 1428

Delta R.T. -0.00 min

Lab File: VW017585.D

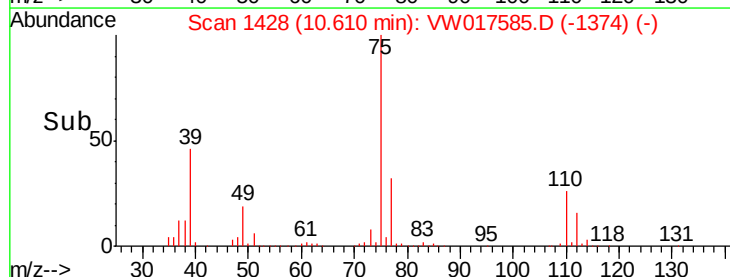
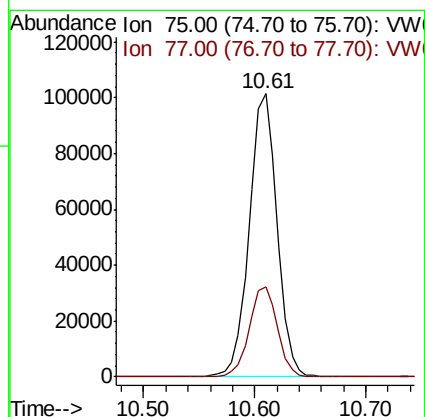
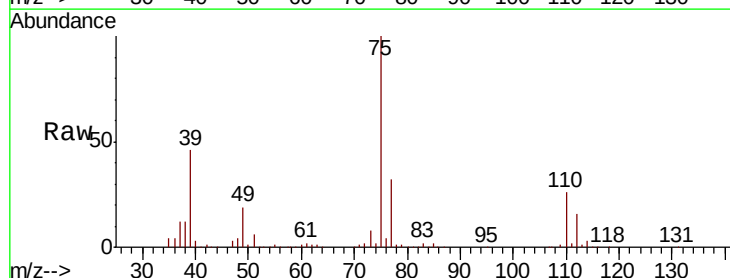
Acq: 07 Dec 2020 17:40

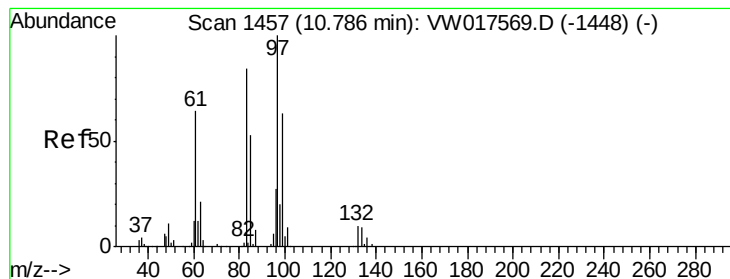
Tgt Ion: 75 Resp: 176244

Ion Ratio Lower Upper

75 100

77 31.8 22.6 42.0





#46

1,1,2-Trichloroethane

Concen: 26.541 ug/L

RT: 10.79 min Scan# 1457

Delta R.T. -0.00 min

Lab File: VW017585.D

Acq: 07 Dec 2020 17:40

Instrument :

MSVOA_W

ClientSampleId :

Tot Ion: 97 Resp: 96175

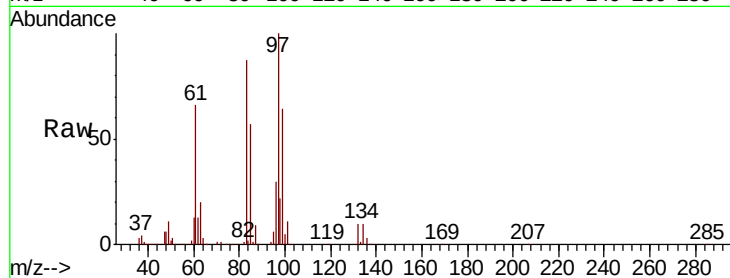
Ion Ratio Lower Upper

97 100

83 86.9 58.5 108.7

85 57.1 37.8 70.2

99 63.6 43.7 81.1



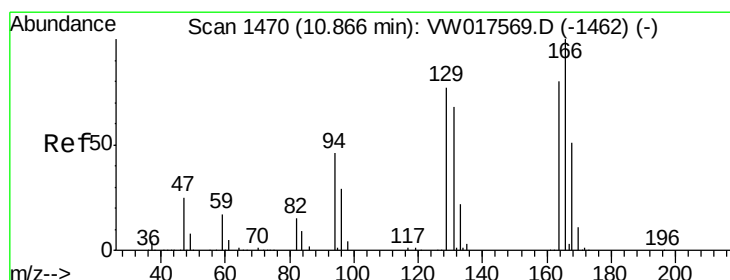
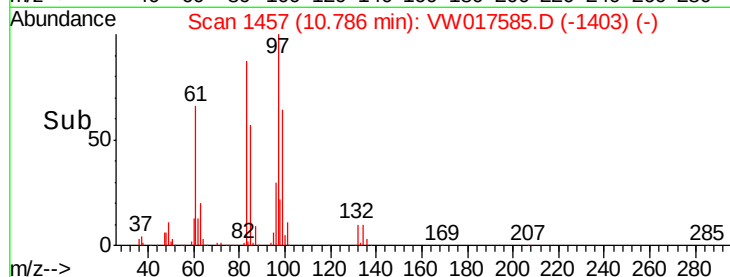
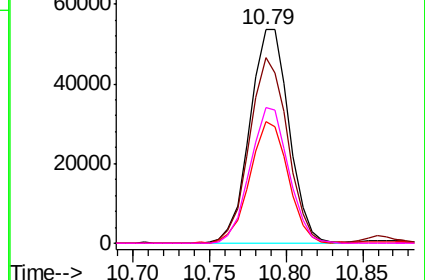
Abundance

Ion 97.00 (96.70 to 97.70): VW

Ion 83.00 (82.70 to 83.70): VW

Ion 85.00 (84.70 to 85.70): VW

Ion 99.00 (98.70 to 99.70): VW



#47

Tetrachloroethene

Concen: 24.144 ug/L

RT: 10.87 min Scan# 1470

Delta R.T. -0.00 min

Lab File: VW017585.D

Acq: 07 Dec 2020 17:40

Tgt Ion: 164 Resp: 117419

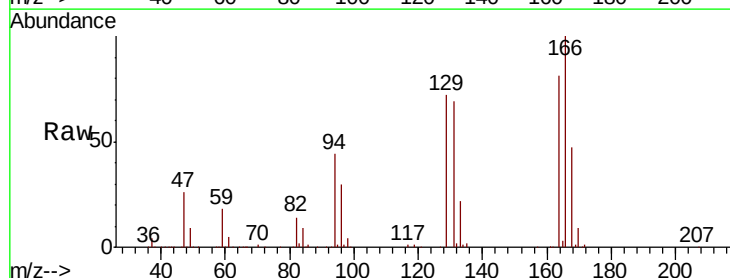
Ion Ratio Lower Upper

164 100

129 89.8 67.6 125.6

131 85.1 65.2 121.2

166 124.1 93.2 173.2



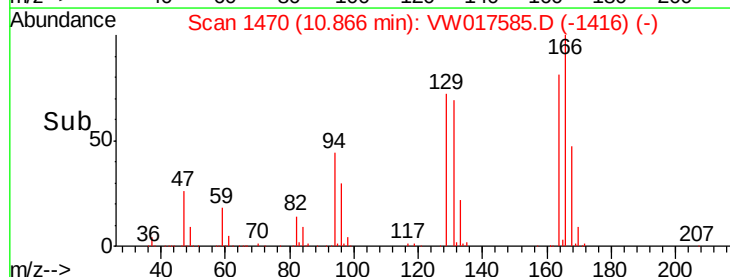
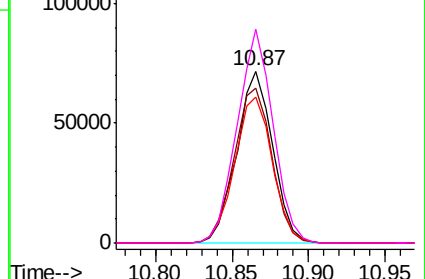
Abundance

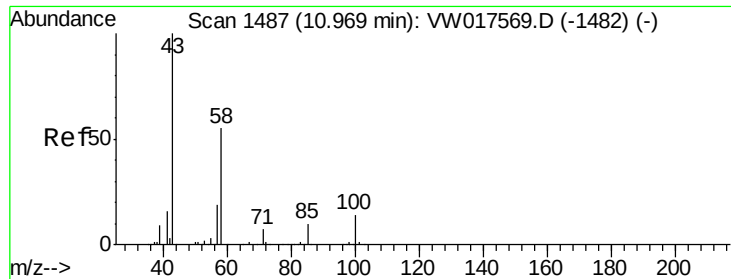
Ion 164.00 (163.70 to 164.70): V

Ion 129.00 (128.70 to 129.70): V

Ion 131.00 (130.70 to 131.70): V

Ion 166.00 (165.70 to 166.70): V

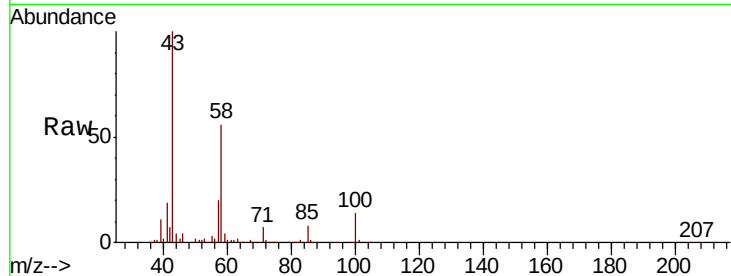




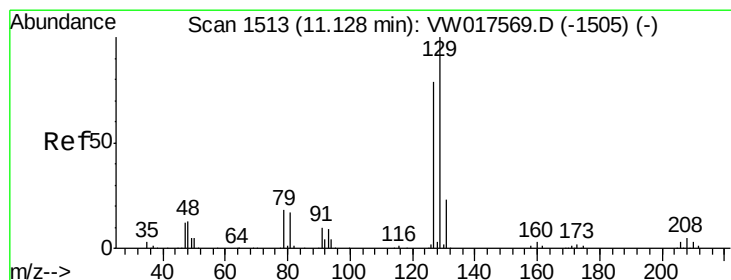
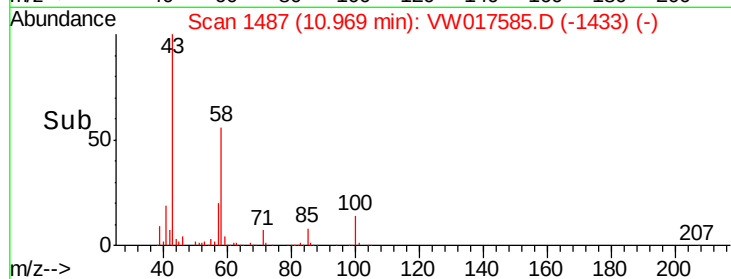
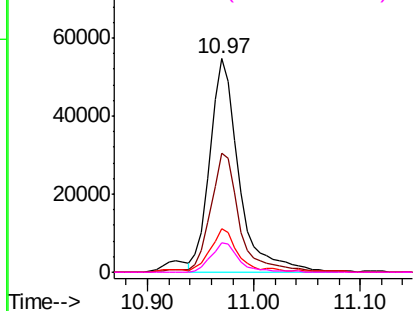
#49
2-Hexanone
Concen: 65.623 ug/L
RT: 10.97 min Scan# 1487
Delta R.T. -0.00 min
Lab File: VW017585.D
Acq: 07 Dec 2020 17:40

Instrument :
MSVOA_W
ClientSampleId :

Tot Ion:	43	Resp:	103182
Ion	Ratio	Lower	Upper
43	100		
58	55.5	51.3	76.9
57	18.4	15.0	22.6
100	13.6	12.2	18.2

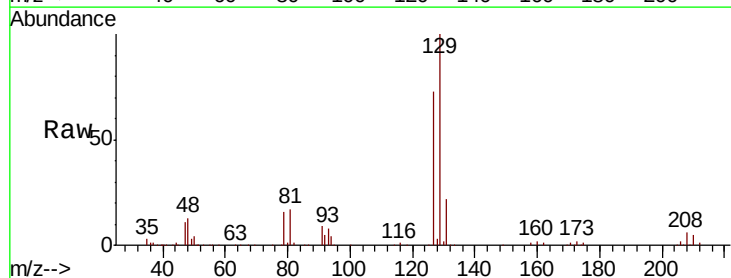


Abundance Ion 43.00 (42.70 to 43.70): VW
Ion 58.00 (57.70 to 58.70): VW
Ion 57.00 (56.70 to 57.70): VW
Ion 100.00 (99.70 to 100.70): VW

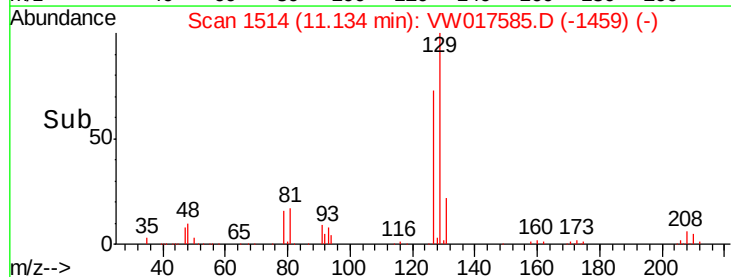
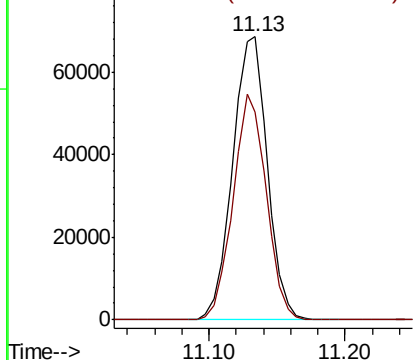


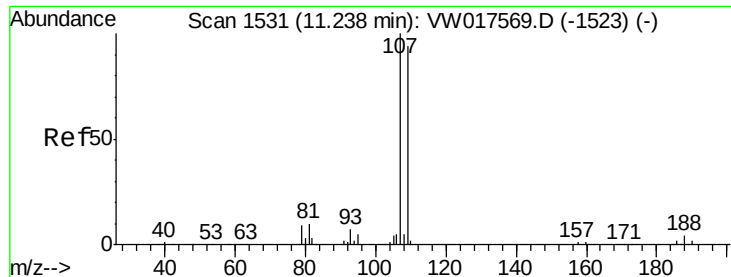
#50
Dibromochloromethane
Concen: 26.863 ug/L
RT: 11.13 min Scan# 1514
Delta R.T. 0.01 min
Lab File: VW017585.D
Acq: 07 Dec 2020 17:40

Tgt Ion:	129	Resp:	121591
Ion	Ratio	Lower	Upper
129	100		
127	73.3	53.2	98.8



Abundance Ion 129.00 (128.70 to 129.70): V
Ion 127.00 (126.70 to 127.70): V





#51

1,2-Dibromoethane

Concen: 26.513 ug/L

RT: 11.24 min Scan# 1531

Delta R.T. -0.00 min

Lab File: VW017585.D

Acq: 07 Dec 2020 17:40

Instrument :

MSVOA_W

ClientSampleId :

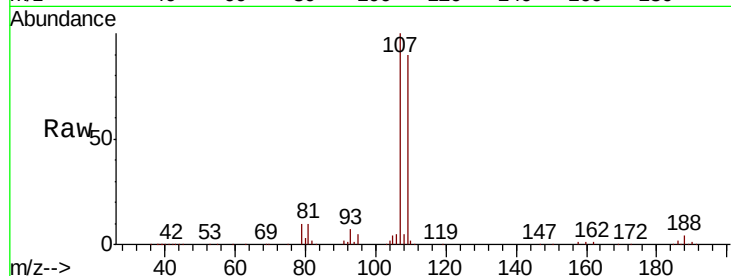
Tot Ion:107 Resp: 92075

Ion Ratio Lower Upper

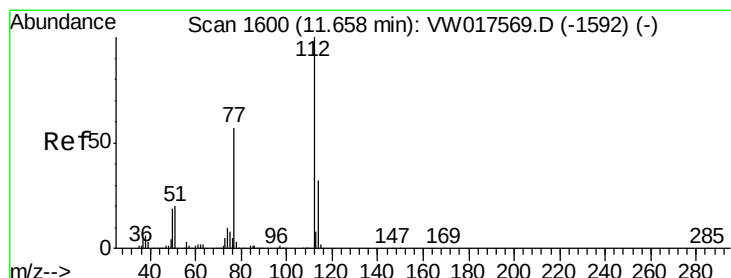
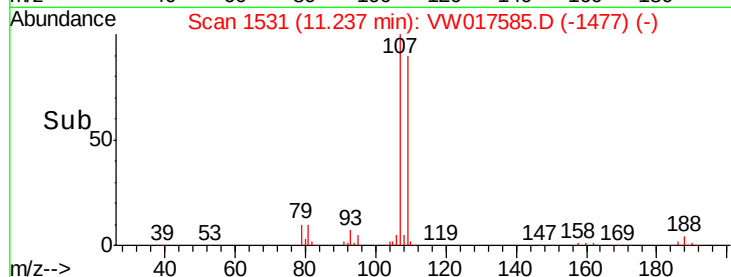
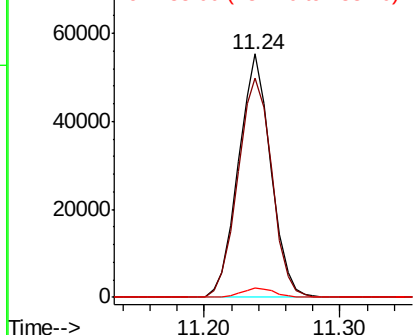
107 100

109 89.8 66.4 123.2

188 3.8 4.0 6.0#



Abundance Ion 107.00 (106.70 to 107.70): V
Ion 109.00 (108.70 to 109.70): V
Ion 188.00 (187.70 to 188.70): V



#52

Chlorobenzene

Concen: 24.830 ug/L

RT: 11.66 min Scan# 1600

Delta R.T. -0.00 min

Lab File: VW017585.D

Acq: 07 Dec 2020 17:40

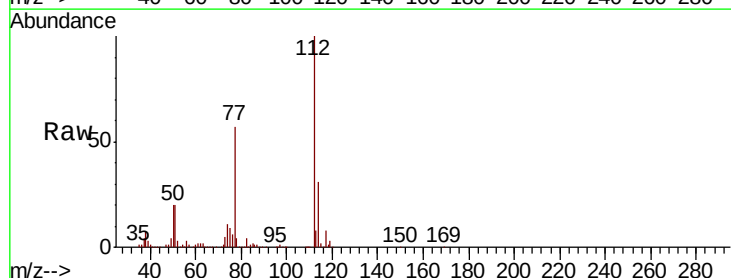
Tgt Ion:112 Resp: 360238

Ion Ratio Lower Upper

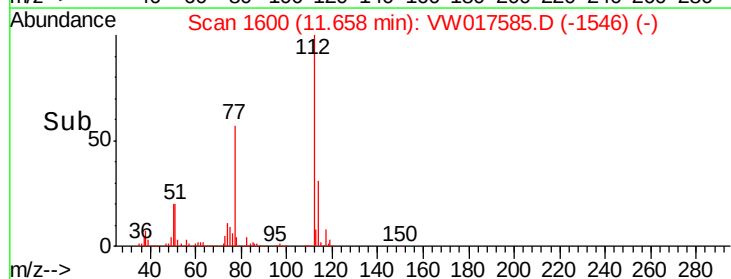
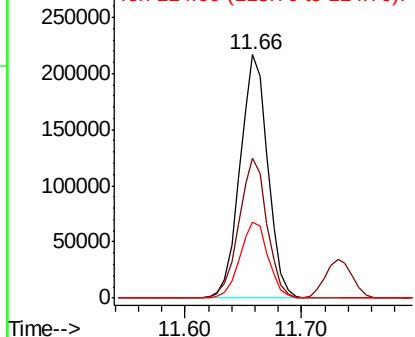
112 100

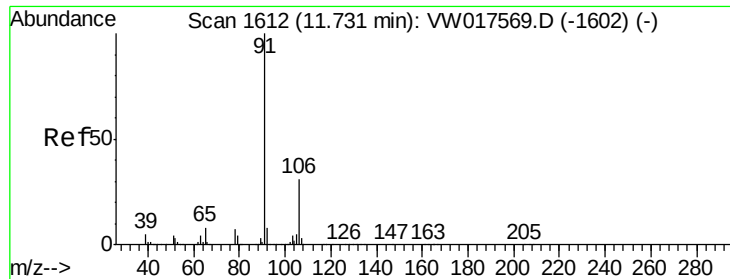
77 57.4 42.6 64.0

114 31.1 21.6 40.2



Abundance Ion 112.00 (111.70 to 112.70): V
Ion 77.00 (76.70 to 77.70): V
Ion 114.00 (113.70 to 114.70): V

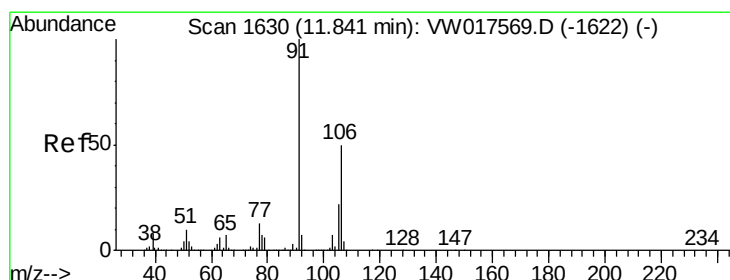
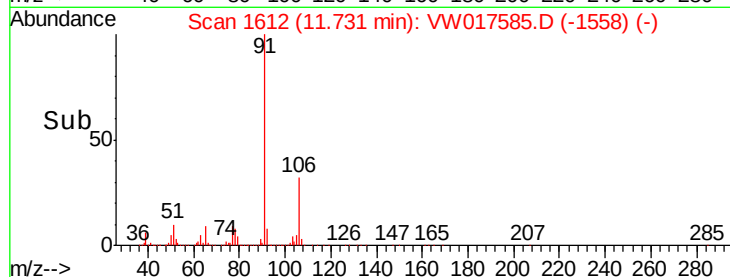
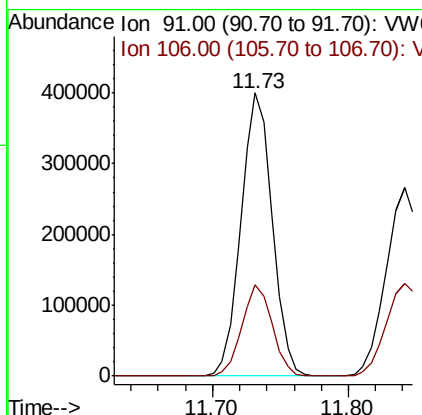
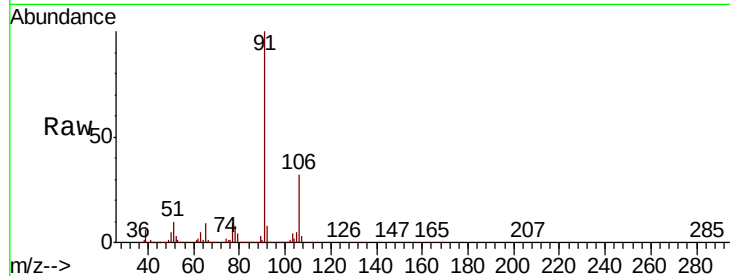




#53
Ethylbenzene
Concen: 25.550 ug/L
RT: 11.73 min Scan# 1612
Delta R.T. -0.00 min
Lab File: VW017585.D
Acq: 07 Dec 2020 17:40

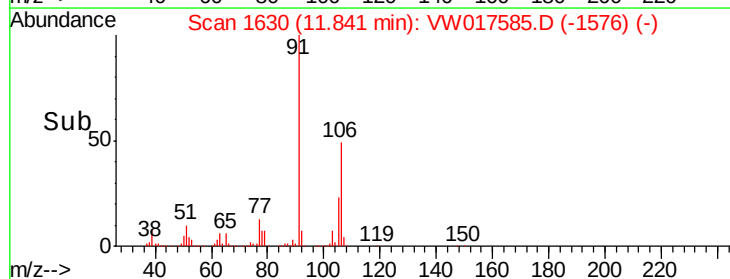
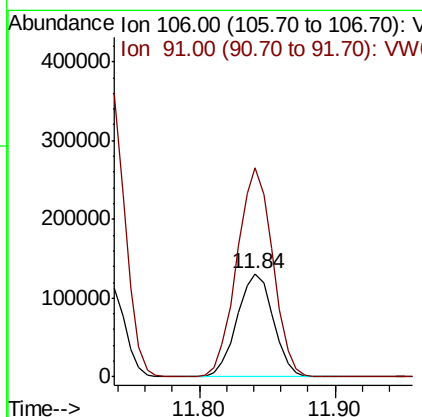
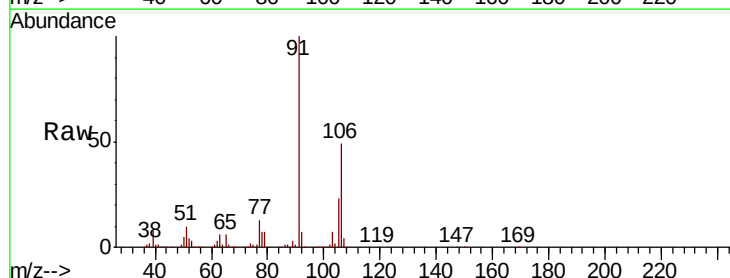
Instrument :
MSVOA_W
ClientSampled :

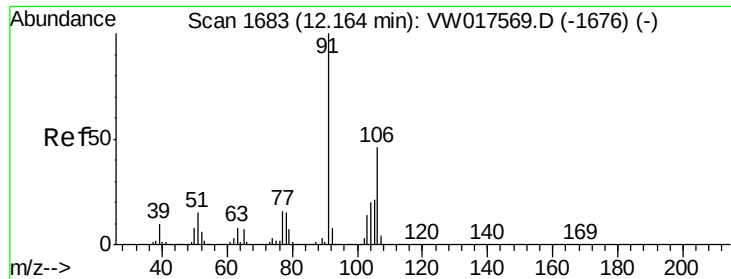
Tot Ion: 91 Resp: 641842
Ion Ratio Lower Upper
91 100
106 32.2 21.1 39.1



#54
m,p-Xylene
Concen: 25.469 ug/L
RT: 11.84 min Scan# 1630
Delta R.T. -0.00 min
Lab File: VW017585.D
Acq: 07 Dec 2020 17:40

Tgt Ion:106 Resp: 244102
Ion Ratio Lower Upper
106 100
91 202.5 136.4 253.4





#55

o-xylene

Concen: 25.573 ug/L

RT: 12.17 min Scan# 1684

Delta R.T. 0.01 min

Lab File: VW017585.D

Acq: 07 Dec 2020 17:40

Instrument :

MSVOA_W

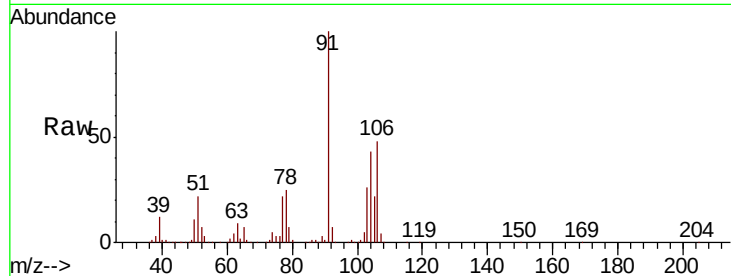
ClientSampled :

Tot Ion:106 Resp: 228284

Ion Ratio Lower Upper

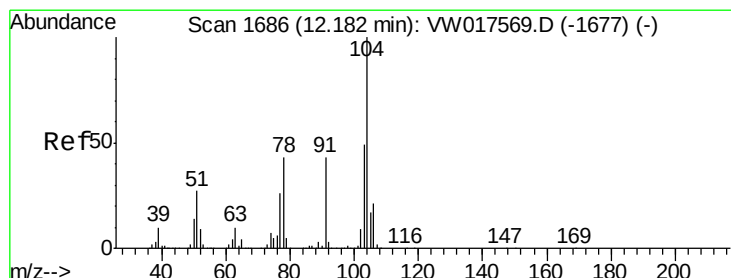
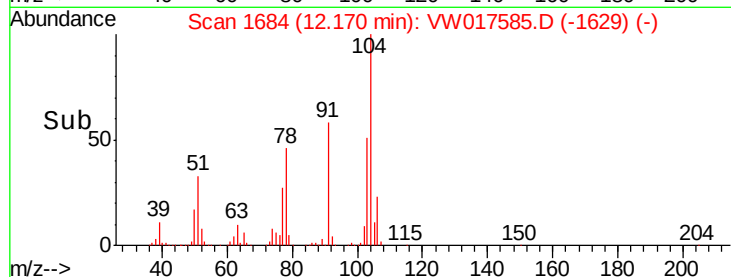
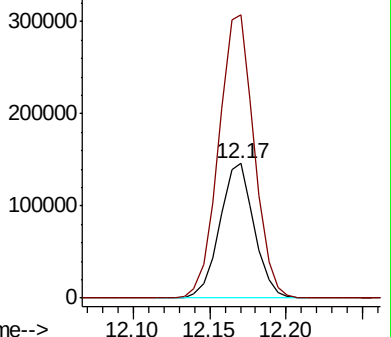
106 100

91 210.1 147.6 274.2



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VW



#56

Styrene

Concen: 26.283 ug/L

RT: 12.18 min Scan# 1686

Delta R.T. -0.00 min

Lab File: VW017585.D

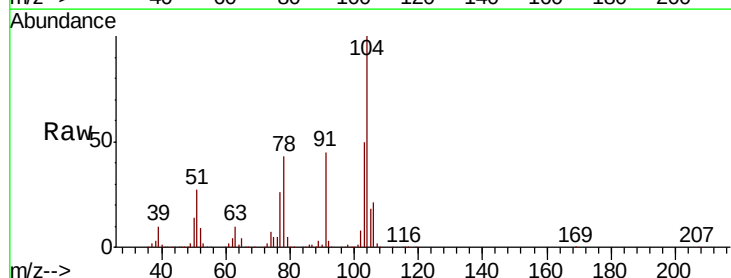
Acq: 07 Dec 2020 17:40

Tgt Ion:104 Resp: 394700

Ion Ratio Lower Upper

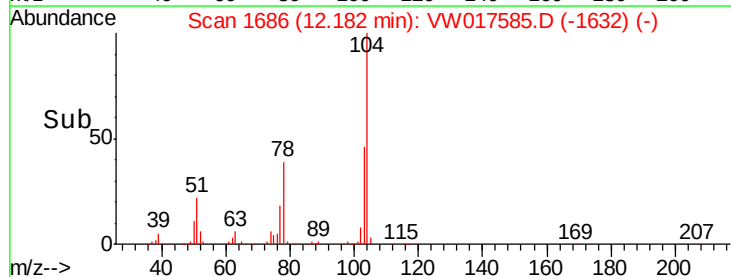
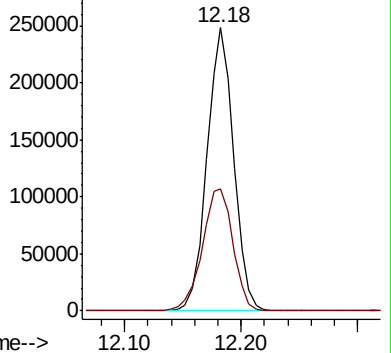
104 100

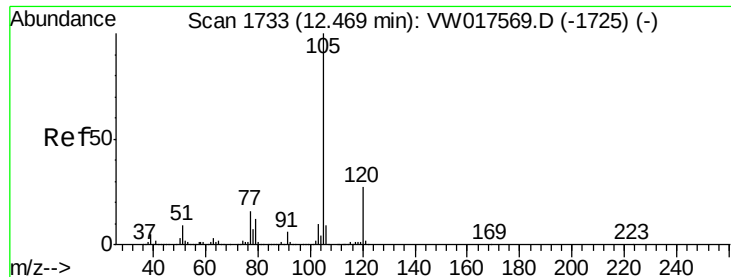
78 43.3 31.3 58.1



Abundance Ion 104.00 (103.70 to 104.70): V

Ion 78.00 (77.70 to 78.70): VW





#57

Isopropylbenzene

Concen: 26.303 ug/L

RT: 12.46 min Scan# 1732

Delta R.T. -0.01 min

Lab File: VW017585.D

Acq: 07 Dec 2020 17:40

Instrument :

MSVOA_W

ClientSampled :

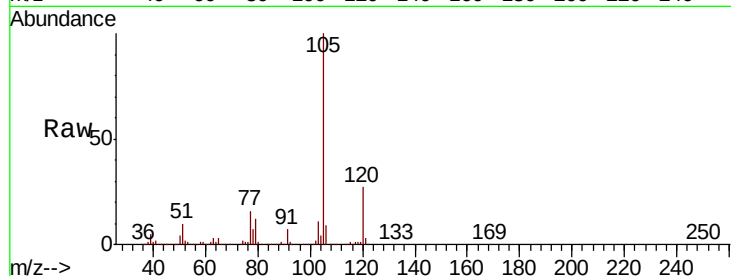
Tot Ion:105 Resp: 644934

Ion Ratio Lower Upper

105 100

120 26.9 21.4 32.2

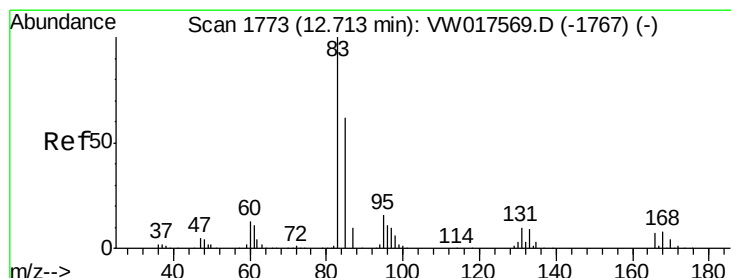
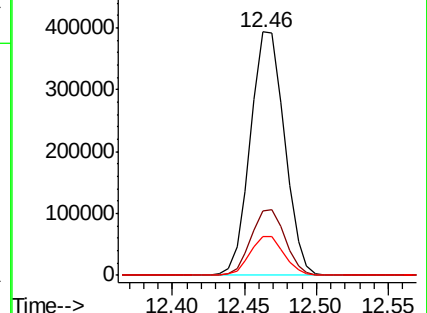
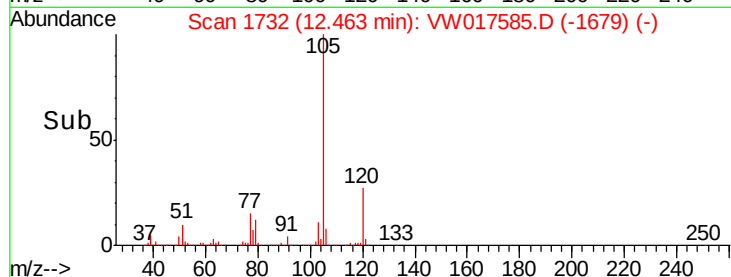
77 15.8 12.1 18.1



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: 29.117 ug/L

RT: 12.71 min Scan# 1773

Delta R.T. -0.00 min

Lab File: VW017585.D

Acq: 07 Dec 2020 17:40

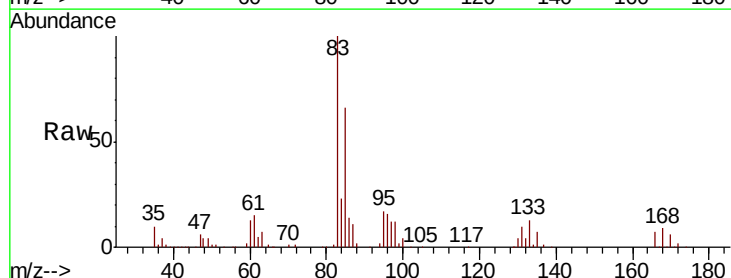
Tgt Ion: 83 Resp: 113559

Ion Ratio Lower Upper

83 100

85 65.6 45.3 84.1

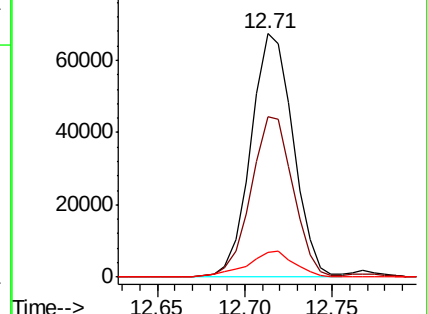
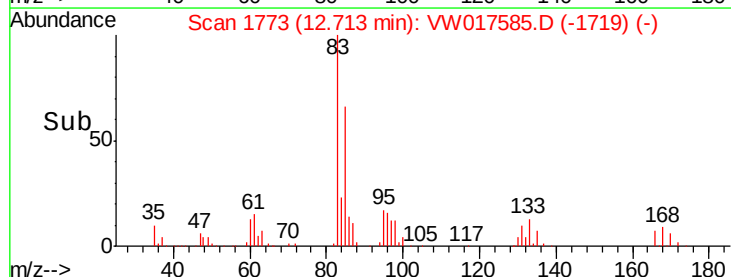
131 10.2 8.3 12.5

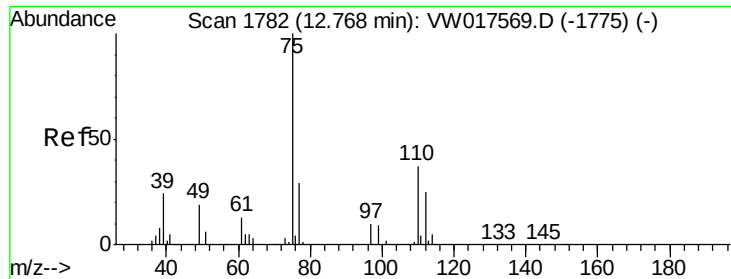


Abundance Ion 83.00 (82.70 to 83.70): V

Ion 85.00 (84.70 to 85.70): V

Ion 131.00 (130.70 to 131.70): V





#59

1,2,3-Trichloropropane

Concen: 28.654 ug/L

RT: 12.77 min Scan# 1782

Delta R.T. -0.00 min

Lab File: VW017585.D

Acq: 07 Dec 2020 17:40

Instrument :

MSVOA_W

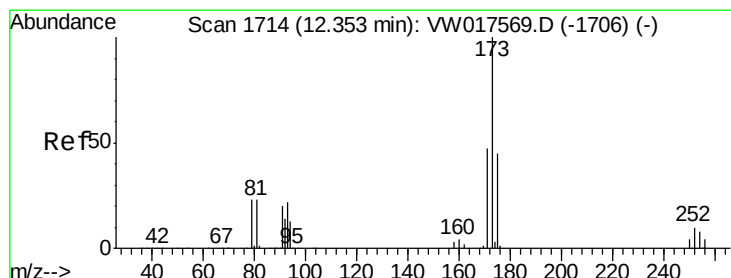
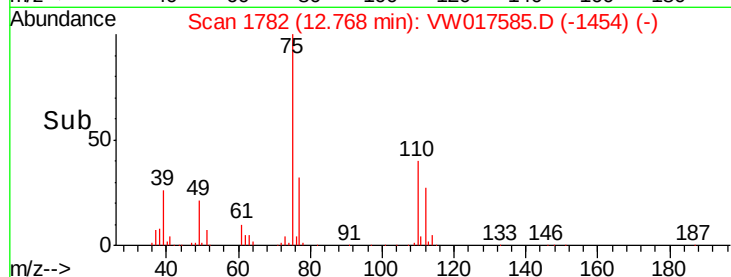
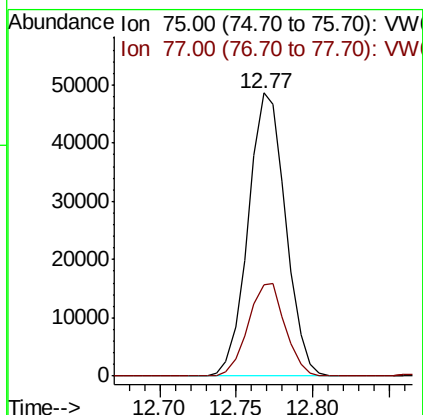
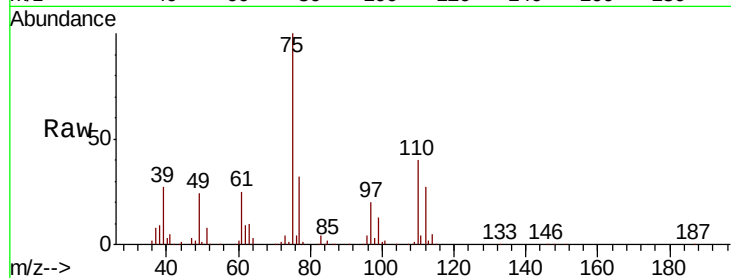
ClientSampled :

Tot Ion: 75 Resp: 82486

Ion Ratio Lower Upper

75 100

77 32.5 26.6 39.8



#62

Bromoform

Concen: 27.205 ug/L

RT: 12.35 min Scan# 1714

Delta R.T. -0.00 min

Lab File: VW017585.D

Acq: 07 Dec 2020 17:40

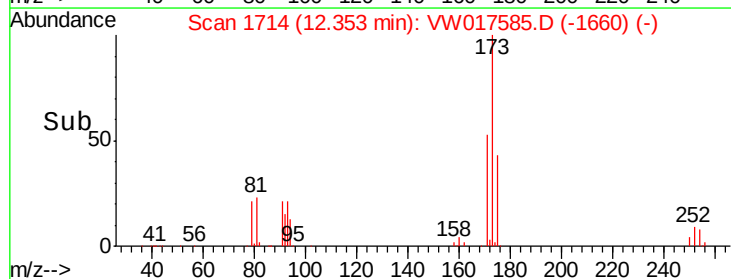
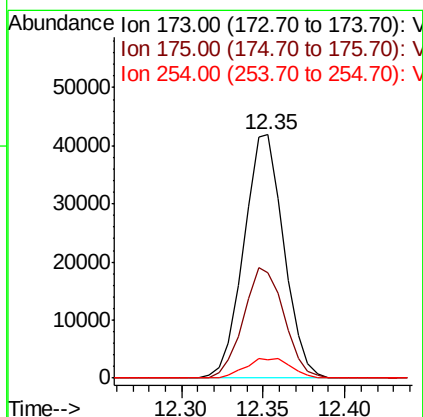
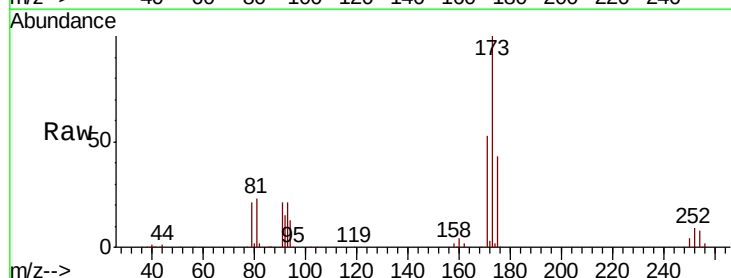
Tgt Ion: 173 Resp: 71585

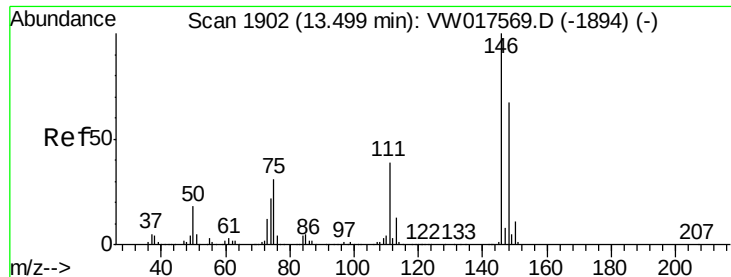
Ion Ratio Lower Upper

173 100

175 46.2 39.1 58.7

254 9.1 7.1 10.7

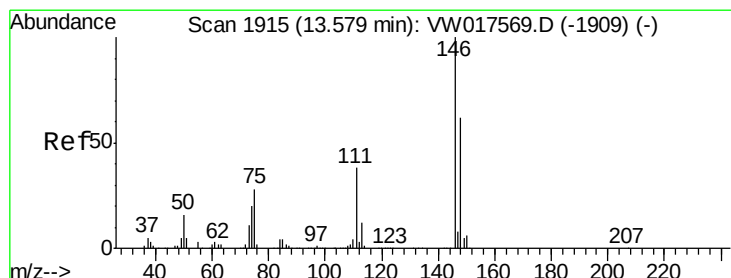
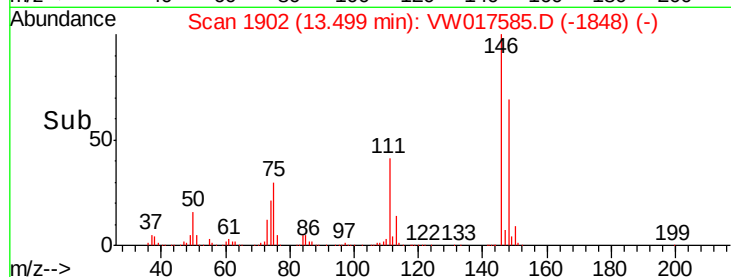
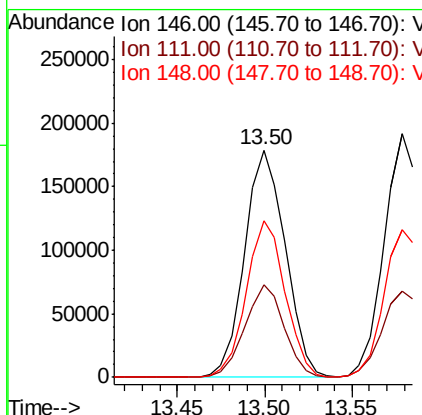
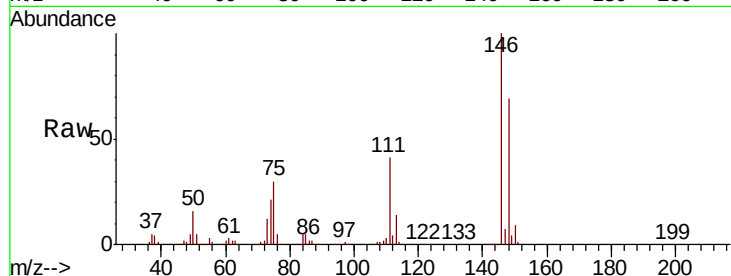




#63
 1,3-Dichlorobenzene
 Concen: 24.028 ug/L
 RT: 13.50 min Scan# 1902
 Delta R.T. -0.00 min
 Lab File: VW017585.D
 Acq: 07 Dec 2020 17:40

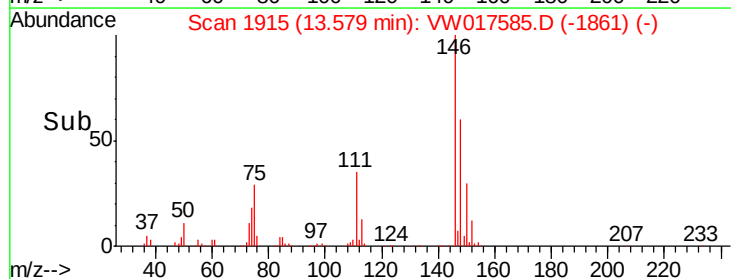
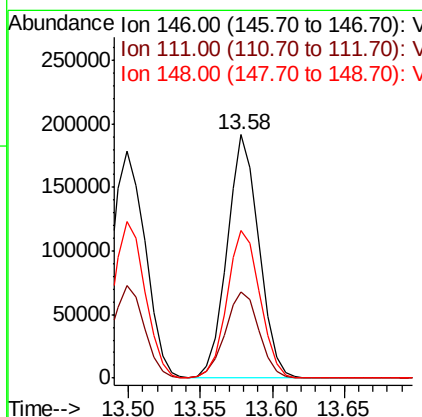
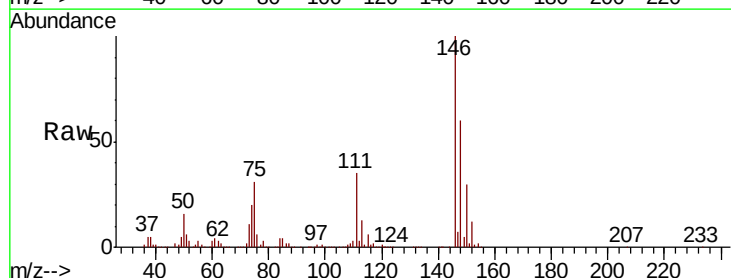
Instrument :
 MSVOA_W
 ClientSampleId :

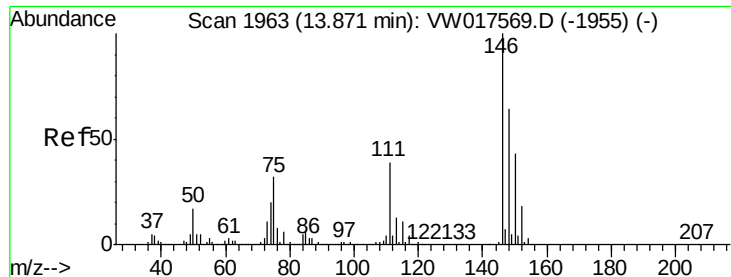
Tot Ion	Ratio	Lower	Upper
146	100		
111	41.0	28.5	52.9
148	68.9	47.8	88.8



#64
 1,4-Dichlorobenzene
 Concen: 24.988 ug/L
 RT: 13.58 min Scan# 1915
 Delta R.T. -0.00 min
 Lab File: VW017585.D
 Acq: 07 Dec 2020 17:40

Tgt Ion	Ratio	Lower	Upper
146	100		
111	35.3	27.7	51.5
148	60.4	47.0	87.2

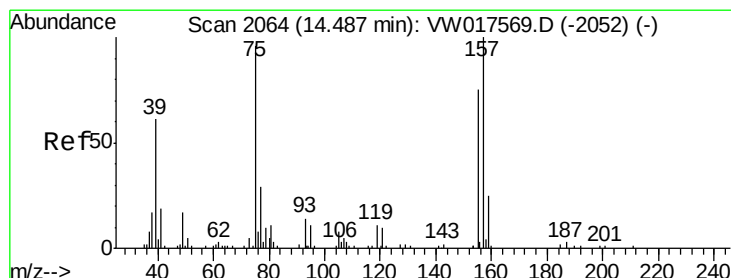
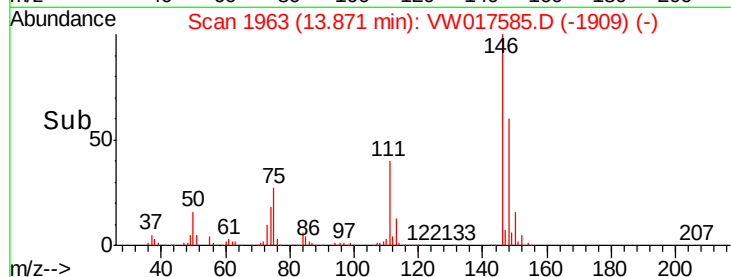
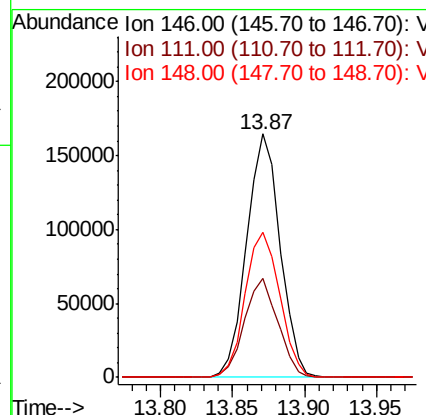
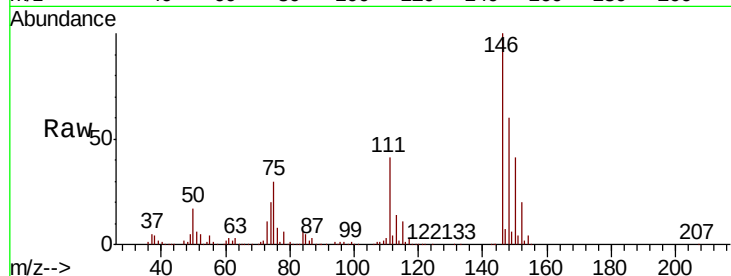




#65
 1,2-Dichlorobenzene
 Concen: 25.389 ug/L
 RT: 13.87 min Scan# 1963
 Delta R.T. -0.00 min
 Lab File: VW017585.D
 Acq: 07 Dec 2020 17:40

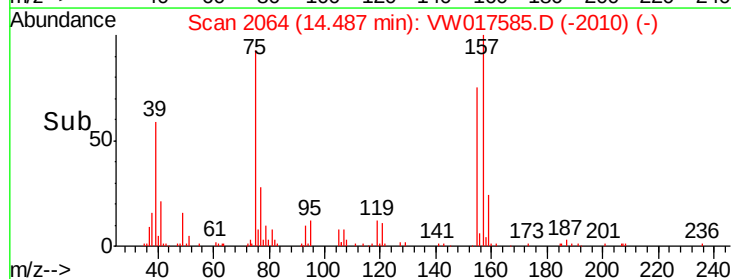
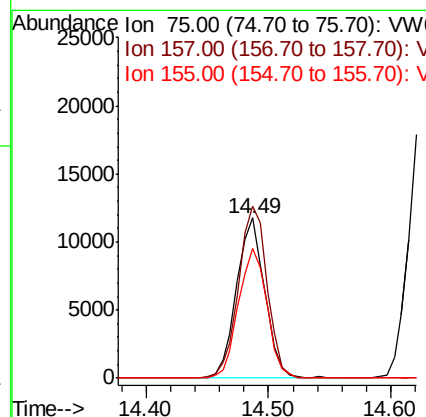
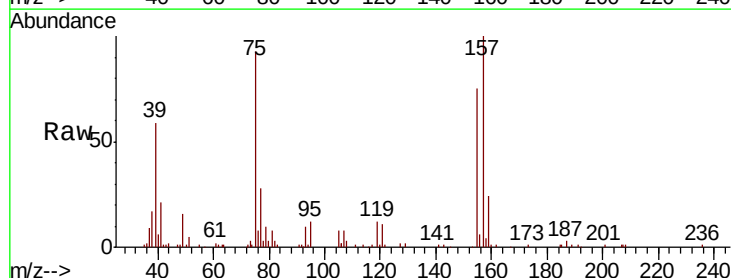
Instrument :
 MSVOA_W
 ClientSampled :

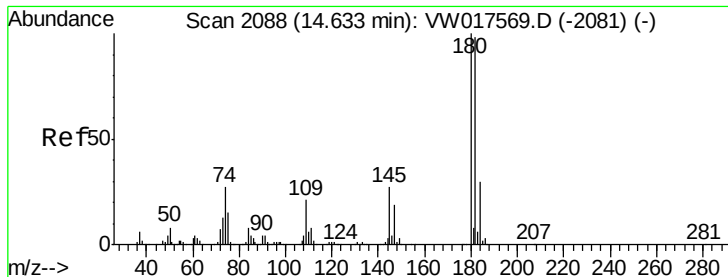
Tot Ion:146 Resp: 264661
 Ion Ratio Lower Upper
 146 100
 111 40.6 31.7 47.5
 148 59.7 49.3 73.9



#66
 1,2-Dibromo-3-chloropropane
 Concen: 27.768 ug/L
 RT: 14.49 min Scan# 2064
 Delta R.T. -0.00 min
 Lab File: VW017585.D
 Acq: 07 Dec 2020 17:40

Tgt Ion: 75 Resp: 18637
 Ion Ratio Lower Upper
 75 100
 157 107.3 99.9 149.9
 155 80.7 71.4 107.0

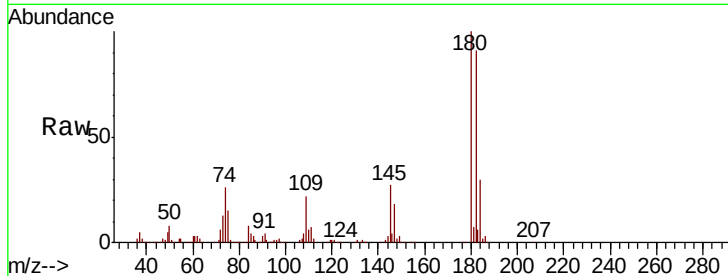




#67
 1,3,5-Trichlorobenzene
 Concen: 24.863 ug/L
 RT: 14.63 min Scan# 2088
 Delta R.T. -0.00 min
 Lab File: VW017585.D
 Acq: 07 Dec 2020 17:40

Instrument :
 MSVOA_W
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
180	100		
182	95.6	77.0	115.6
184	29.9	24.2	36.4
145	30.2	23.5	35.3



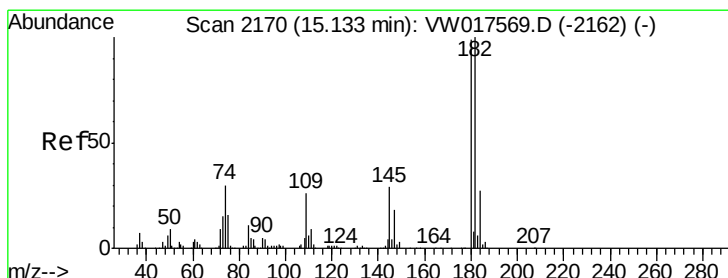
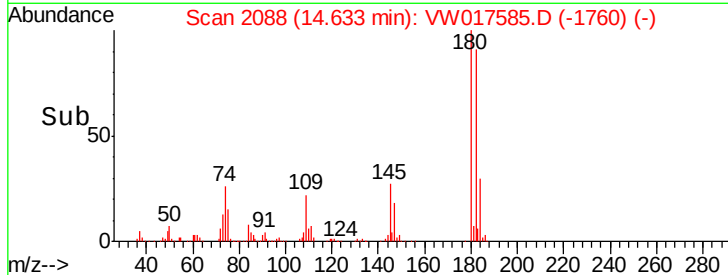
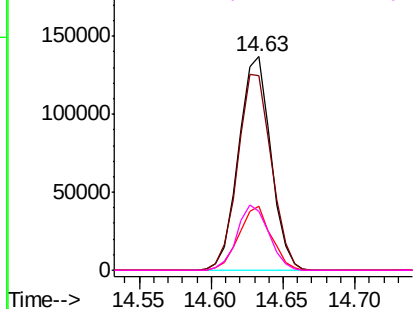
Abundance

Ion 180.00 (179.70 to 180.70): V

Ion 182.00 (181.70 to 182.70): V

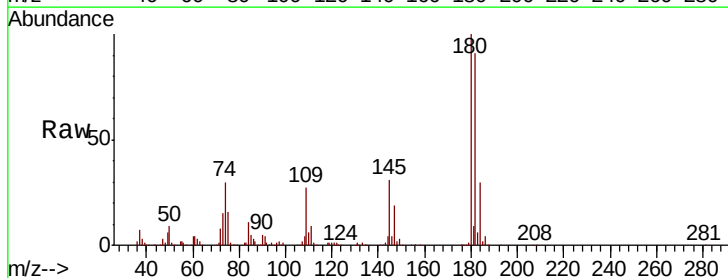
Ion 184.00 (183.70 to 184.70): V

Ion 145.00 (144.70 to 145.70): V



#68
 1,2,4-trichlorobenzene
 Concen: 25.067 ug/L
 RT: 15.13 min Scan# 2170
 Delta R.T. -0.00 min
 Lab File: VW017585.D
 Acq: 07 Dec 2020 17:40

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.3	71.3	106.9
145	30.7	24.0	36.0

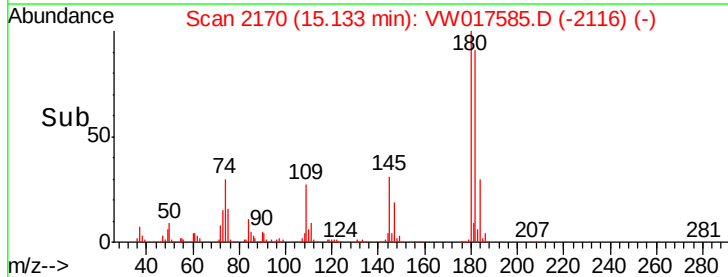
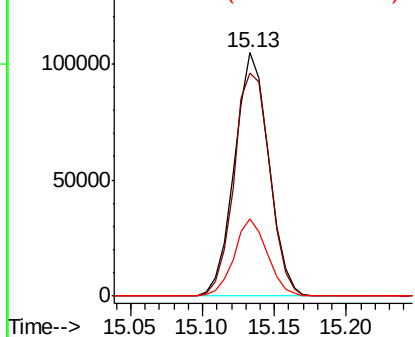


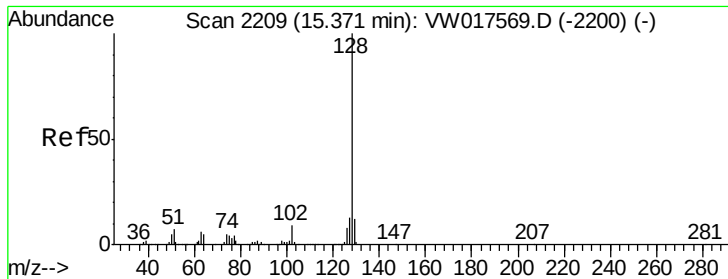
Abundance

Ion 180.00 (179.70 to 180.70): V

Ion 182.00 (181.70 to 182.70): V

Ion 145.00 (144.70 to 145.70): V





#69

Naphthalene

Concen: 27.747 ug/L

RT: 15.37 min Scan# 2209

Delta R.T. -0.00 min

Lab File: VW017585.D

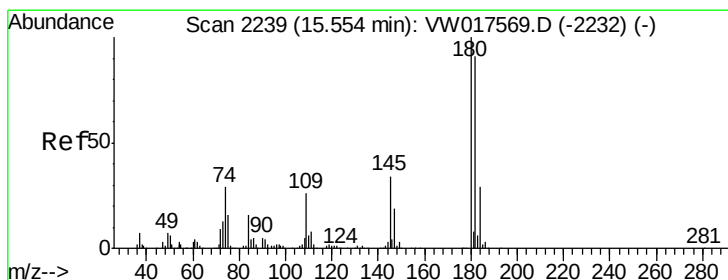
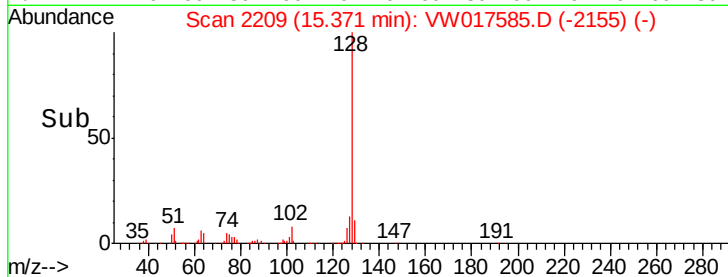
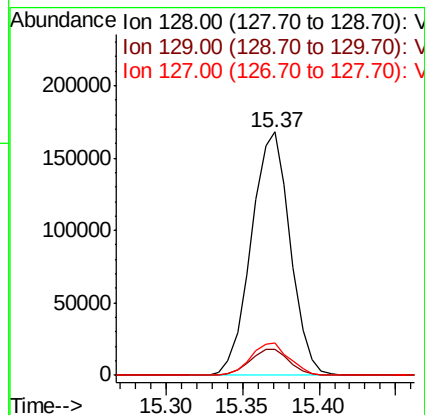
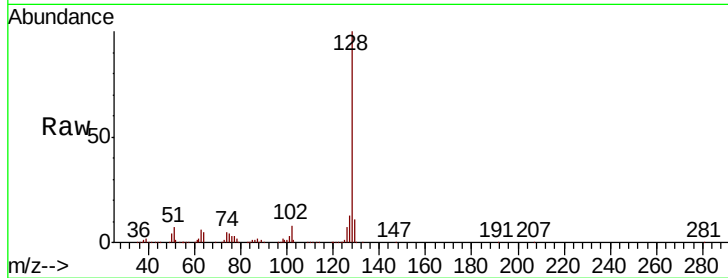
Acq: 07 Dec 2020 17:40

Instrument :

MSVOA_W

ClientSampleId :

Tot Ion:128	Resp:	296955
Ion	Ratio	Lower Upper
128	100	
129	10.8	8.7 13.1
127	13.1	10.7 16.1



#70

1,2,3-Trichlorobenzene

Concen: 27.023 ug/L

RT: 15.56 min Scan# 2240

Delta R.T. 0.01 min

Lab File: VW017585.D

Acq: 07 Dec 2020 17:40

Tgt Ion:180	Resp:	156234
Ion	Ratio	Lower Upper
180	100	
182	91.9	74.7 112.1
145	32.4	25.4 38.0

