

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW042120\
 Data File : VW015289.D
 Acq On : 22 Apr 2020 03:34
 Operator : SY/VA
 Sample : L2314-18MSD
 Misc : 4.92G/5ML/MSVOA W/SOIL
 ALS Vial : 44 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Apr 22 06:07:16 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W042020S.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 21 06:39:58 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	35776	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	60879	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	37249	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	8098	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.31	65	34569	118.16	ug/l	0.00
Spiked Amount			Recovery	=	236.32%	
35) Dibromofluoromethane	7.88	113	31476	93.34	ug/l	0.00
Spiked Amount			Recovery	=	186.68%	
50) Toluene-d8	10.32	98	71761	50.59	ug/l	0.00
Spiked Amount			Recovery	=	101.18%	
62) 4-Bromofluorobenzene	12.62	95	12966	23.96	ug/l	0.00
Spiked Amount			Recovery	=	47.92%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	2.00	85	6871	24.320	ug/l	100
3) Chloromethane	2.22	50	22869	74.332	ug/l	98
4) Vinyl Chloride	2.36	62	13342	36.724	ug/l	99
5) Bromomethane	2.76	94	11608	44.937	ug/l	94
6) Chloroethane	2.92	64	16805	74.572	ug/l	96
7) Trichlorofluoromethane	3.26	101	19330	37.600	ug/l	100
8) Diethyl Ether	3.69	74	31871	220.866	ug/l	87
9) 1,1,2-Trichlorotrifluoroet	4.06	101	13888	43.807	ug/l	94
10) Methyl Iodide	4.28	142	3915	11.757	ug/l	97
11) Tert butyl alcohol	5.17	59	32602	1367.063	ug/l	98
12) 1,1-Dichloroethene	4.04	96	12153	39.826	ug/l	90
13) Acrolein	3.93	56	62	4.967	ug/l #	1
14) Allyl chloride	4.62	41	4891	12.082	ug/l #	35
15) Acrylonitrile	5.37	53	51243	933.146	ug/l	98
16) Acetone	4.12	43	78404	1534.365	ug/l	96
17) Carbon Disulfide	4.39	76	29067	32.054	ug/l	98
18) Methyl Acetate	4.68	43	13887	102.670	ug/l	98
19) Methyl tert-butyl Ether	5.43	73	187671	267.911	ug/l	96
20) Methylene Chloride	4.92	84	46512	138.887	ug/l	92
21) trans-1,2-Dichloroethene	5.42	96	13389	38.688	ug/l	86
22) Diisopropyl ether	6.31	45	165237	212.770	ug/l #	95
23) Vinyl Acetate	6.32	43	87103	191.130	ug/l #	71
24) 1,1-Dichloroethane	6.22	63	60012	111.501	ug/l	97
25) 2-Butanone	7.17	43	54233	799.965	ug/l	91
26) 2,2-Dichloropropane	7.17	77	20979	37.050	ug/l	99
27) cis-1,2-Dichloroethene	7.17	96	26021	69.645	ug/l	95
28) Bromochloromethane	7.51	49	21425	109.487	ug/l #	69
29) Tetrahydrofuran	7.53	42	57491	1361.154	ug/l #	87
30) Chloroform	7.68	83	68029	117.111	ug/l	99
31) Cyclohexane	7.96	56	19216	35.518	ug/l	87
32) 1,1,1-Trichloroethane	7.88	97	46245	82.487	ug/l	98
36) 1,1-Dichloropropene	8.09	75	15765	28.691	ug/l	98
37) Ethyl Acetate	7.17	43	54233	304.123	ug/l #	24
38) Carbon Tetrachloride	8.07	117	26240	43.700	ug/l	93

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	19720	26.964	ug/l	96
40) Benzene	8.32	78	128043	87.236	ug/l	99
41) Methacrylonitrile	7.48	41	16805	157.060	ug/l	93
42) 1,2-Dichloroethane	8.40	62	44886	103.880	ug/l	100
44) Trichloroethene	9.09	130	18694	41.638	ug/l	94
45) 1,2-Dichloropropane	9.37	63	37900	111.035	ug/l	95
46) Dibromomethane	9.46	93	17658	89.431	ug/l #	86
47) Bromodichloromethane	9.65	83	49973	94.677	ug/l	94
48) Methyl methacrylate	9.44	41	17315	97.932	ug/l #	86
49) 1,4-Dioxane	9.45	88	13647	5184.622	ug/l	90
51) 4-Methyl-2-Pentanone	10.21	43	168504	959.749	ug/l	96
52) Toluene	10.39	92	53443	52.026	ug/l	98
53) t-1,3-Dichloropropene	10.60	75	13225	25.410	ug/l	98
54) cis-1,3-Dichloropropene	10.07	75	17588	29.074	ug/l	100
55) 1,1,2-Trichloroethane	10.79	97	32683	118.212	ug/l	98
57) 1,3-Dichloropropane	10.93	76	40373	88.153	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.93	63	29138	176.456	ug/l	90
59) 2-Hexanone	10.97	43	63901	509.866	ug/l	96
60) Dibromochloromethane	11.12	129	31823	87.175	ug/l	98
61) 1,2-Dibromoethane	11.23	107	17813	66.028	ug/l	99
64) Tetrachloroethene	10.86	164	25368	95.423	ug/l	94
65) Chlorobenzene	11.66	112	41331	56.546	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.73	131	40777	155.218	ug/l	98
67) Ethyl Benzene	11.73	91	78184	57.358	ug/l	98
68) m/p-Xylenes	11.83	106	61875	115.806	ug/l	96
69) o-Xylene	12.16	106	43111	86.445	ug/l	97
70) Styrene	12.18	104	29133	34.270	ug/l	86
71) Bromoform	12.35	173	18144	122.575	ug/l #	95
73) Isopropylbenzene	12.46	105	86689	154.396	ug/l	99
74) N-amyl acetate	12.24	43	575	5.887	ug/l #	51
75) 1,1,2,2-Tetrachloroethane	12.71	83	32193	403.834	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	27958	446.280	ug/l #	100
77) Bromobenzene	12.75	156	14695	113.917	ug/l	97
78) n-propylbenzene	12.80	91	53366	81.633	ug/l	96
79) 2-Chlorotoluene	12.89	91	43114	117.026	ug/l	95
80) 1,3,5-Trimethylbenzene	12.94	105	64413	133.178	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.46	75	987	34.441	ug/l #	59
82) 4-Chlorotoluene	12.99	91	26555	67.887	ug/l	96
83) tert-Butylbenzene	13.20	119	62096	146.893	ug/l	98
84) 1,2,4-Trimethylbenzene	13.25	105	58207	122.015	ug/l	99
85) sec-Butylbenzene	13.38	105	53312	91.318	ug/l	97
86) p-Isopropyltoluene	13.50	119	47179	86.969	ug/l	99
87) 1,3-Dichlorobenzene	13.50	146	14361	56.031	ug/l	95
88) 1,4-Dichlorobenzene	13.58	146	13421	53.418	ug/l	97
89) n-Butylbenzene	13.82	91	18230	36.766	ug/l	97
90) Hexachloroethane	14.09	117	12062	121.243	ug/l	70
91) 1,2-Dichlorobenzene	13.87	146	20670	92.805	ug/l	94
92) 1,2-Dibromo-3-Chloropropan	14.48	75	4520	313.313	ug/l	84
93) 1,2,4-Trichlorobenzene	15.13	180	4047	26.141	ug/l	98
94) Hexachlorobutadiene	15.23	225	3467	33.591	ug/l	95

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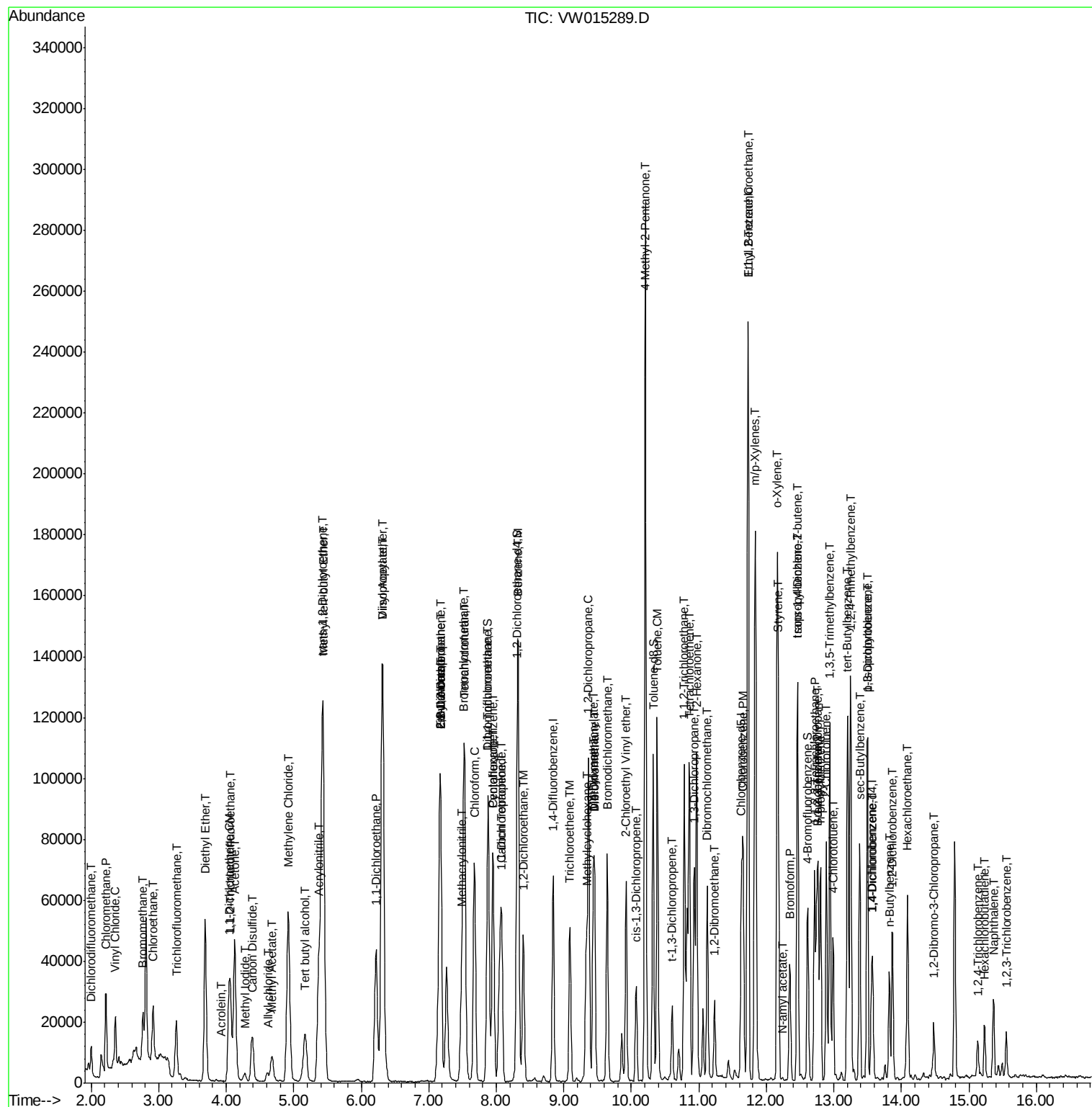
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
95) Naphthalene	15.36	128	23539	94.523	ug/l	99
96) 1,2,3-Trichlorobenzene	15.55	180	5287	41.974	ug/l	96

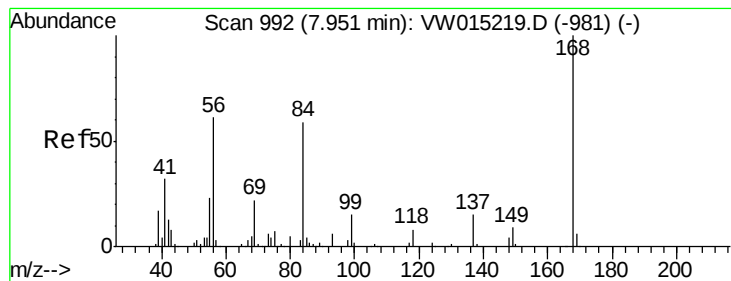
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.01 min

Lab File: VW015289.D

Acq: 22 Apr 2020 03:34

Instrument :

MSVOA_W

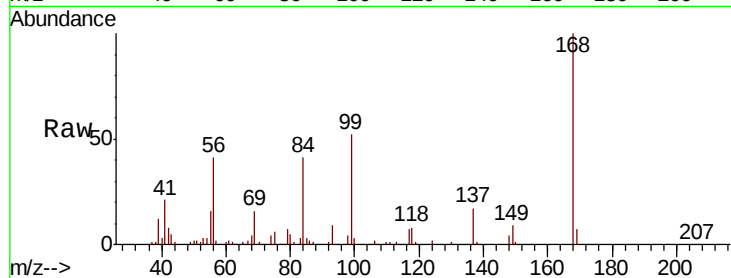
ClientSampleId :

Tot Ion:168 Resp: 35776

Ion Ratio Lower Upper

168 100

99 52.2 48.5 72.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

15000

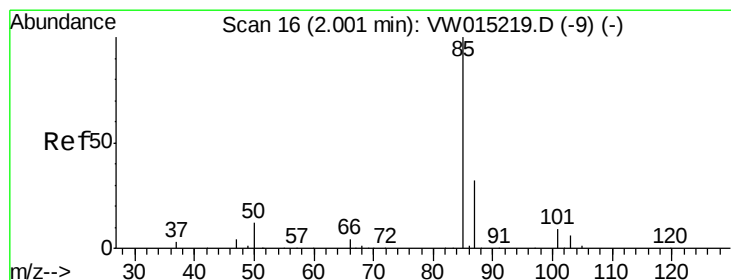
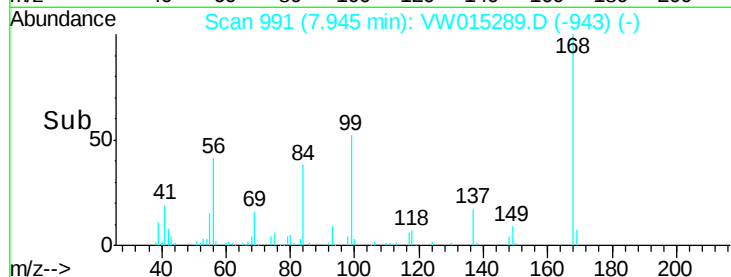
10000

5000

0

Time-->

7.85 7.90 7.95 8.00 8.05



#2

Dichlorodifluoromethane

Concen: 24.320 ug/l

RT: 2.00 min Scan# 16

Delta R.T. 0.00 min

Lab File: VW015289.D

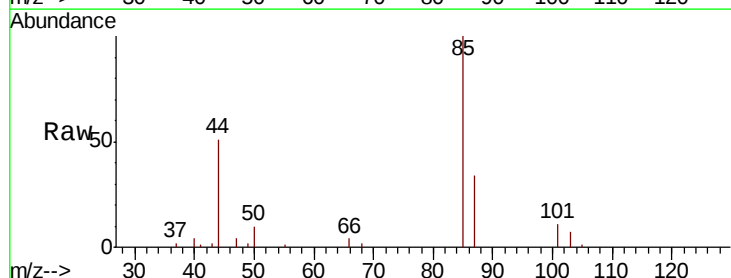
Acq: 22 Apr 2020 03:34

Tgt Ion: 85 Resp: 6871

Ion Ratio Lower Upper

85 100

87 34.4 17.2 51.6



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW

2.00

6000

5000

4000

3000

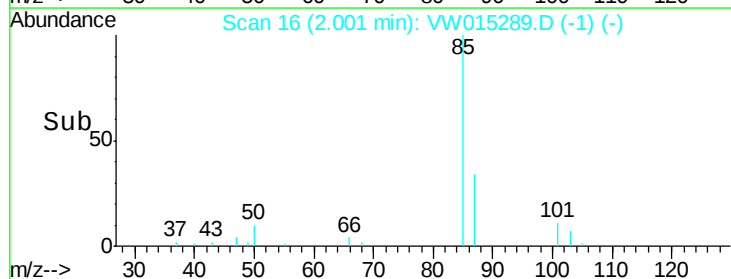
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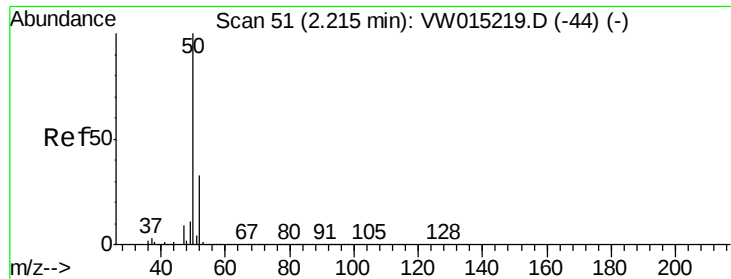
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Time-->

1.95 2.00 2.05

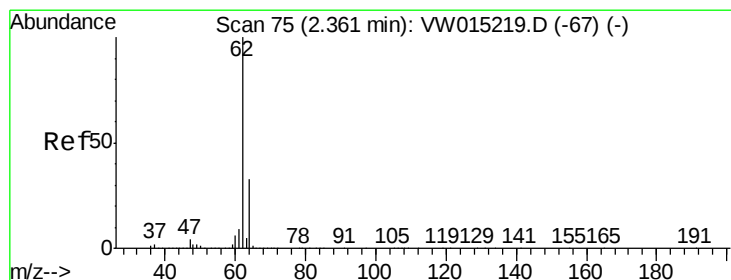
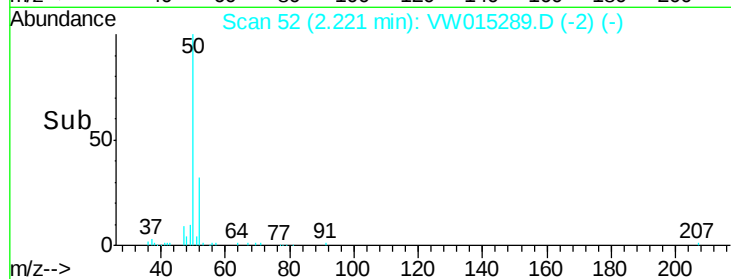
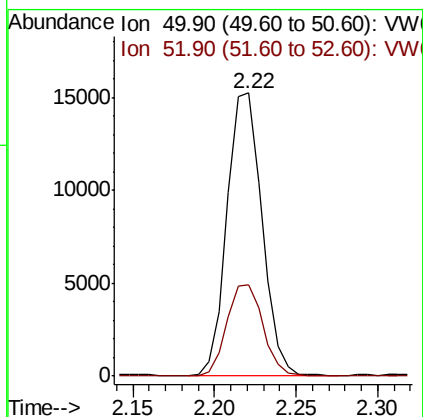
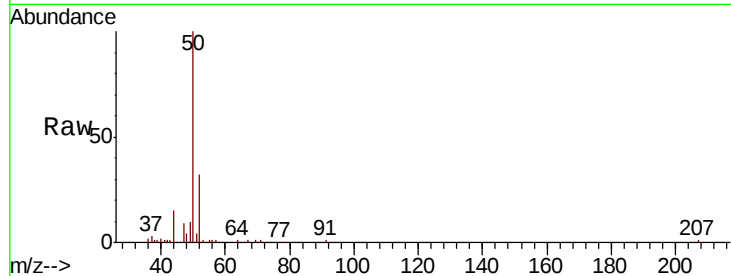




#3
Chloromethane
Concen: 74.332 ug/l
RT: 2.22 min Scan# 52
Delta R.T. 0.01 min
Lab File: VW015289.D
Acq: 22 Apr 2020 03:34

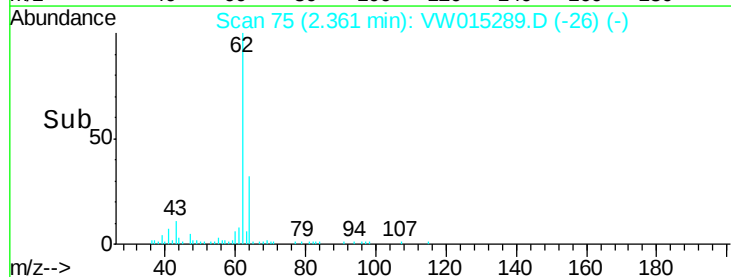
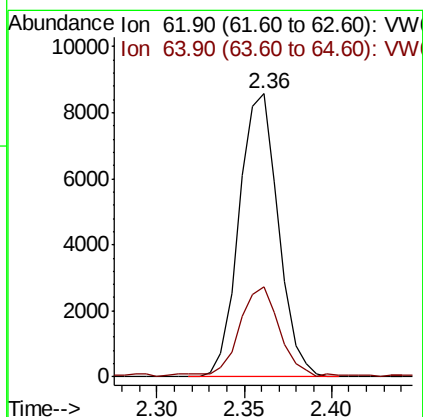
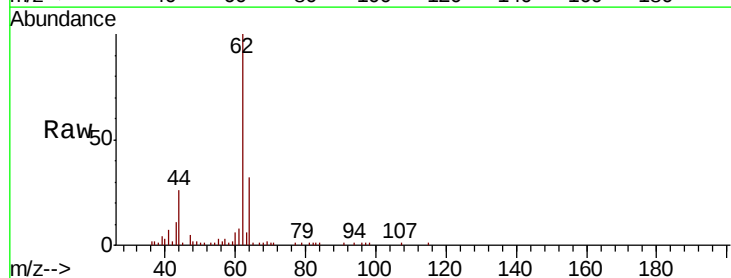
Instrument :
MSVOA_W
ClientSampleId :

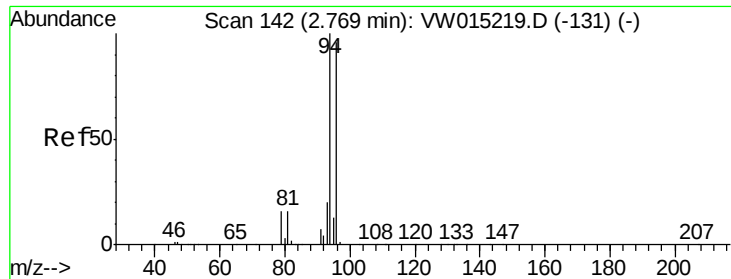
Tot Ion: 50 Resp: 22869
Ion Ratio Lower Upper
50 100
52 32.2 26.5 39.7



#4
Vinyl Chloride
Concen: 36.724 ug/l
RT: 2.36 min Scan# 75
Delta R.T. 0.00 min
Lab File: VW015289.D
Acq: 22 Apr 2020 03:34

Tgt Ion: 62 Resp: 13342
Ion Ratio Lower Upper
62 100
64 31.1 25.4 38.2





#5

Bromomethane

Concen: 44.937 ug/l

RT: 2.76 min Scan# 141

Delta R.T. -0.01 min

Lab File: VW015289.D

Acq: 22 Apr 2020 03:34

Instrument :

MSVOA_W

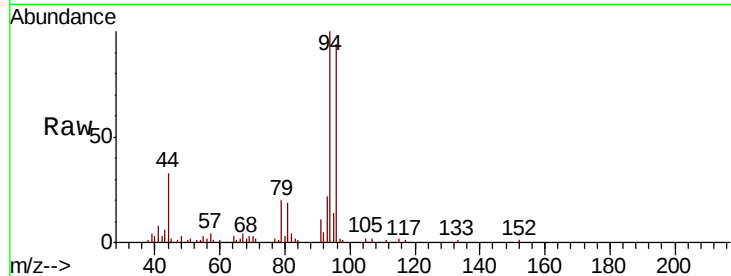
ClientSampleId :

Tot Ion: 94 Resp: 11608

Ion Ratio Lower Upper

94 100

96 93.2 70.4 105.6



Abundance Ion 93.90 (93.60 to 94.60): VW

Ion 95.90 (95.60 to 96.60): VW

2.76

6000

5000

4000

3000

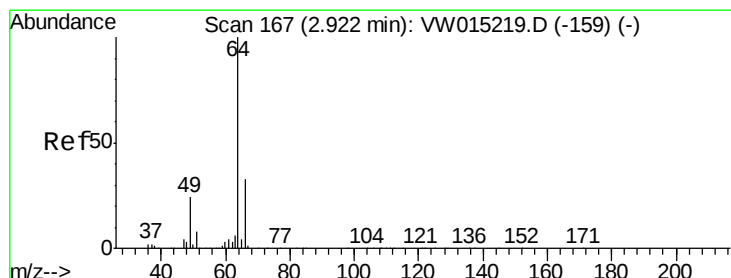
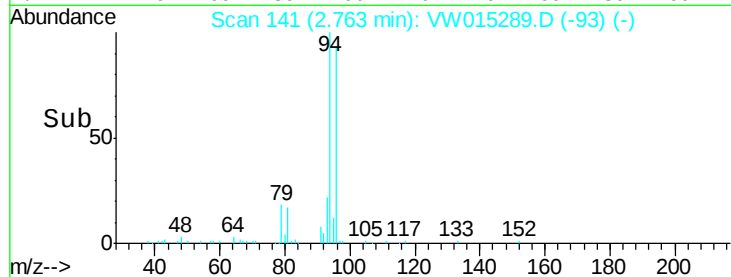
2000

1000

0

Time-->

2.70 2.75 2.80 2.85



#6

Chloroethane

Concen: 74.572 ug/l

RT: 2.92 min Scan# 166

Delta R.T. -0.01 min

Lab File: VW015289.D

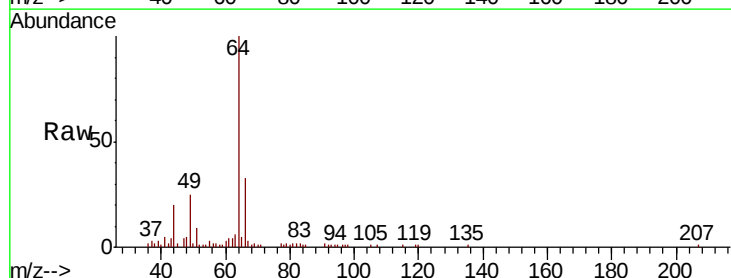
Acq: 22 Apr 2020 03:34

Tgt Ion: 64 Resp: 16805

Ion Ratio Lower Upper

64 100

66 34.2 25.8 38.6



Abundance Ion 63.90 (63.60 to 64.60): VW

Ion 65.90 (65.60 to 66.60): VW

10000

8000

6000

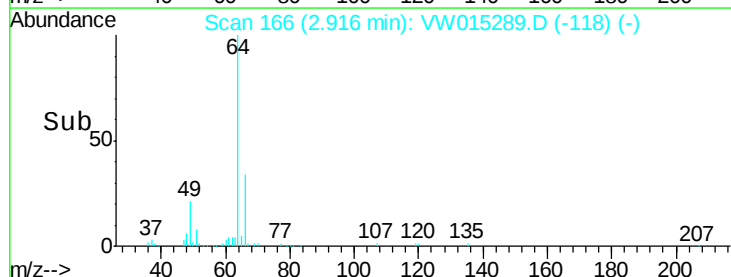
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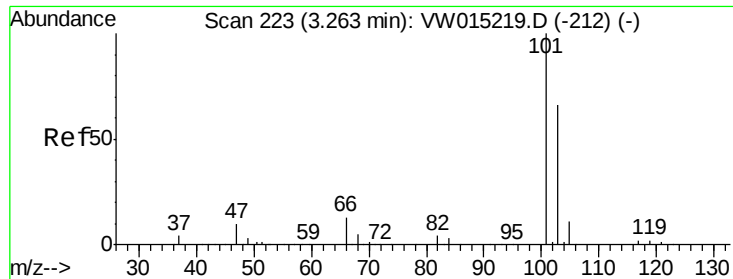
2000

0

Time-->

2.85 2.90 2.95 3.00



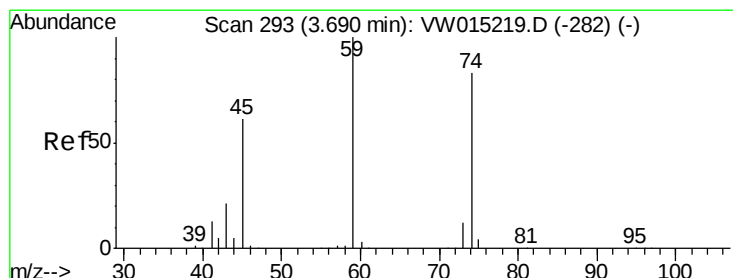
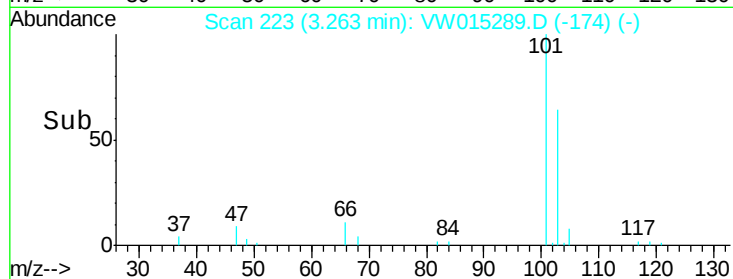
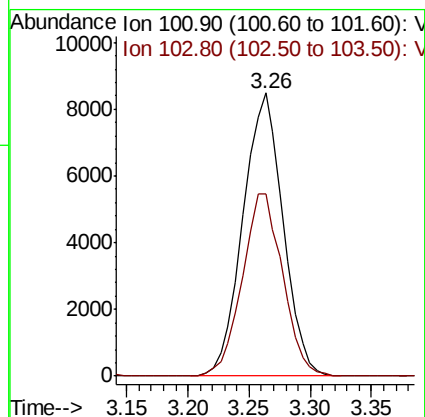
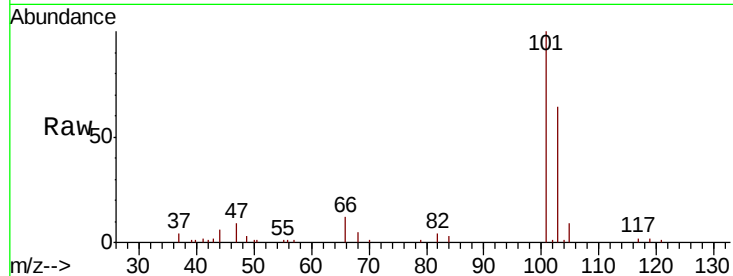


#7

Trichlorofluoromethane
 Concen: 37.600 ug/l
 RT: 3.26 min Scan# 223
 Delta R.T. 0.00 min
 Lab File: VW015289.D
 Acq: 22 Apr 2020 03:34

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 MSVOA_W
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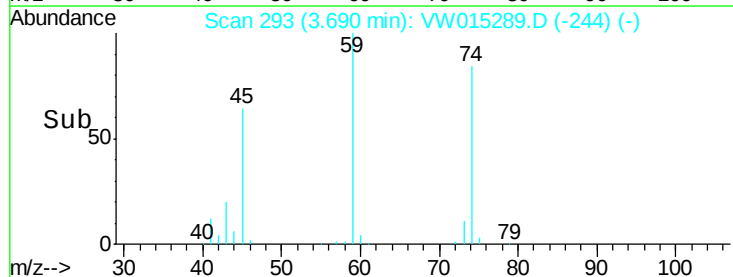
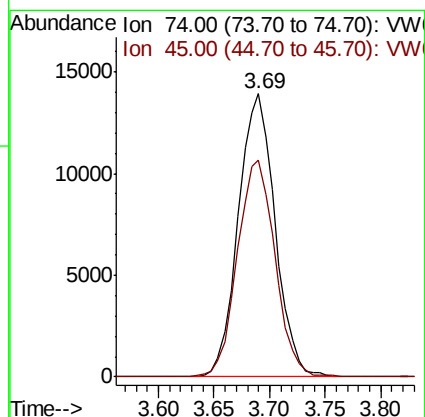
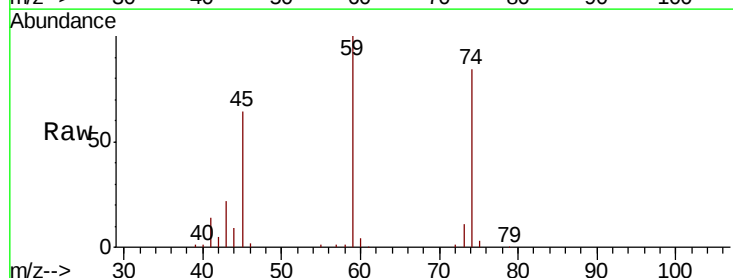
Tot Ion:101 Resp: 19330
 Ion Ratio Lower Upper
 101 100
 103 64.2 51.3 76.9

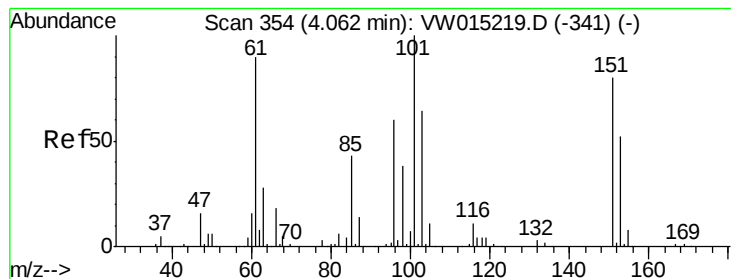


#8

Diethyl Ether
 Concen: 220.866 ug/l
 RT: 3.69 min Scan# 293
 Delta R.T. 0.00 min
 Lab File: VW015289.D
 Acq: 22 Apr 2020 03:34

Tgt Ion: 74 Resp: 31871
 Ion Ratio Lower Upper
 74 100
 45 78.5 45.5 136.5





#9

1,1,2-Trichlorotrifluoroethane

Concen: 43.807 ug/l

RT: 4.06 min Scan# 354

Delta R.T. 0.00 min

Lab File: VW015289.D

Acq: 22 Apr 2020 03:34

Instrument :

MSVOA_W

ClientSampleId :

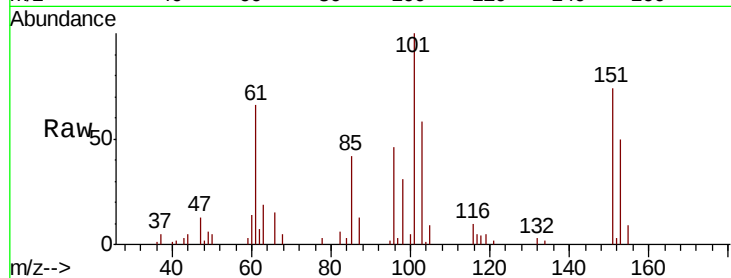
Tot Ion:101 Resp: 13888

Ion Ratio Lower Upper

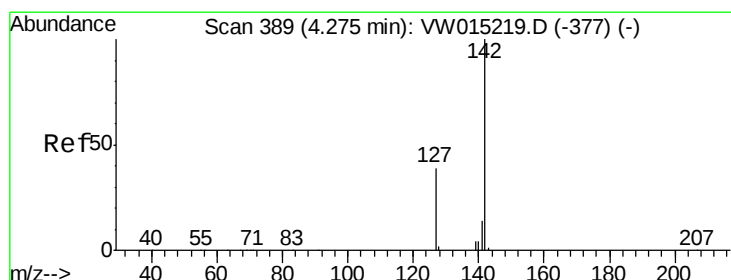
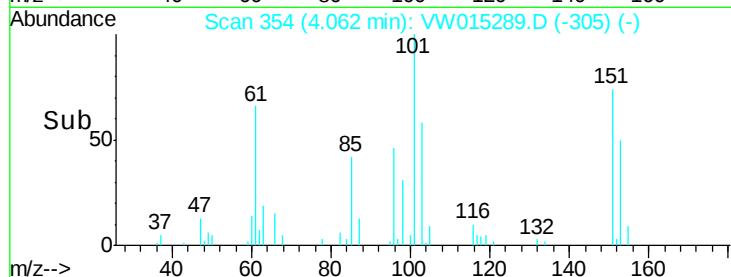
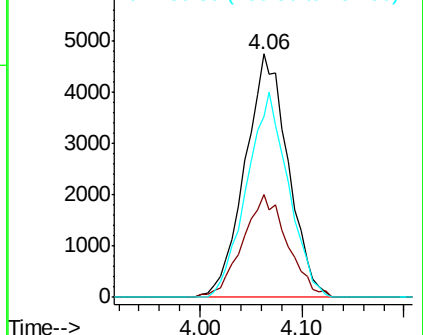
101 100

85 43.6 35.3 52.9

151 81.7 59.3 88.9



Abundance Ion 100.90 (100.60 to 101.60): V
Ion 84.90 (84.60 to 85.60): V
Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 11.757 ug/l

RT: 4.28 min Scan# 389

Delta R.T. 0.00 min

Lab File: VW015289.D

Acq: 22 Apr 2020 03:34

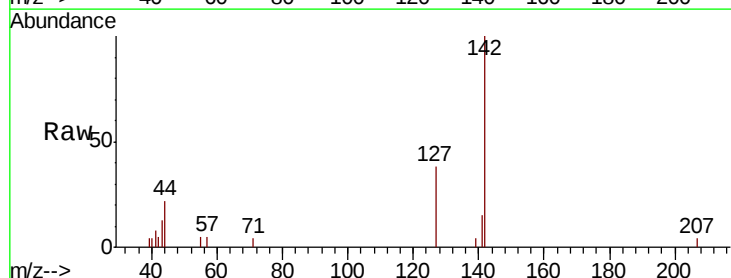
Tgt Ion:142 Resp: 3915

Ion Ratio Lower Upper

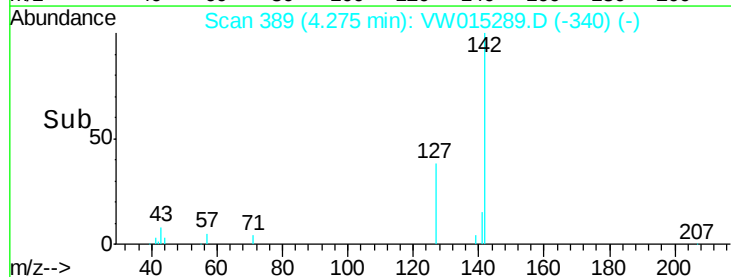
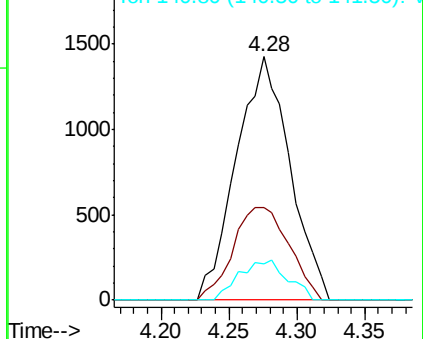
142 100

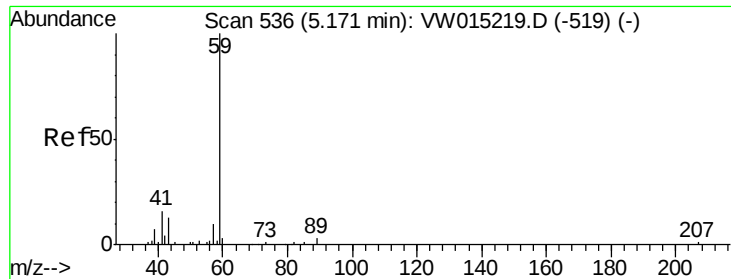
127 39.7 33.9 50.9

141 14.8 11.4 17.2



Abundance Ion 141.80 (141.50 to 142.50): V
Ion 126.80 (126.50 to 127.50): V
Ion 140.80 (140.50 to 141.50): V

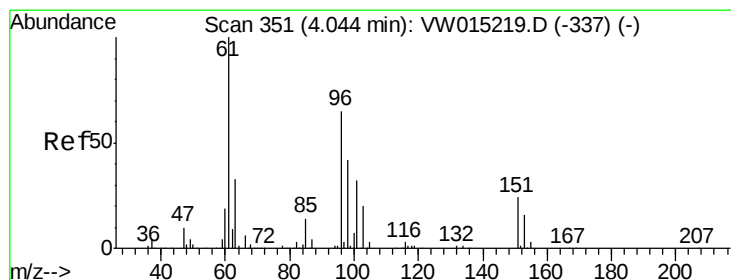
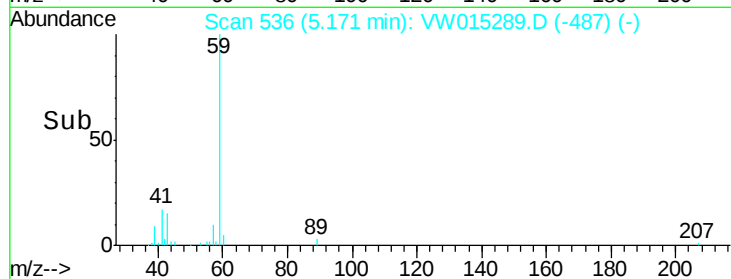
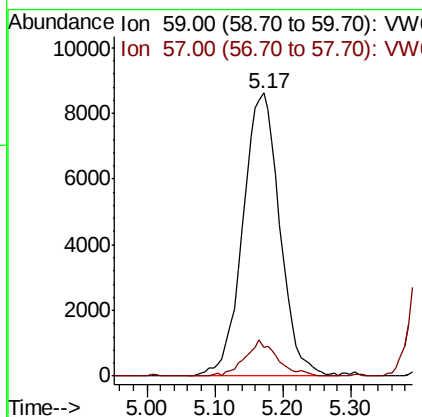
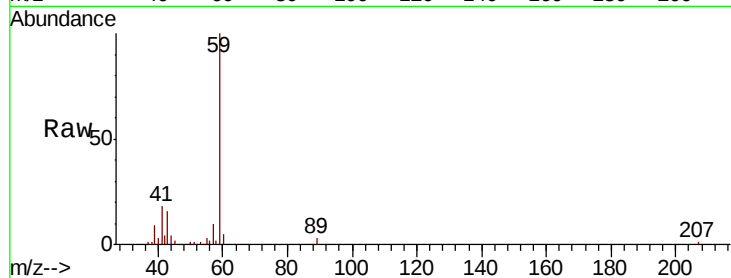




#11
Tert butyl alcohol
Concen: 1367.063 ug/l
RT: 5.17 min Scan# 536
Delta R.T. 0.00 min
Lab File: VW015289.D
Acq: 22 Apr 2020 03:34

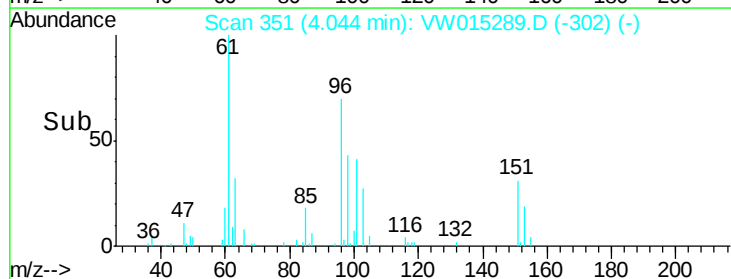
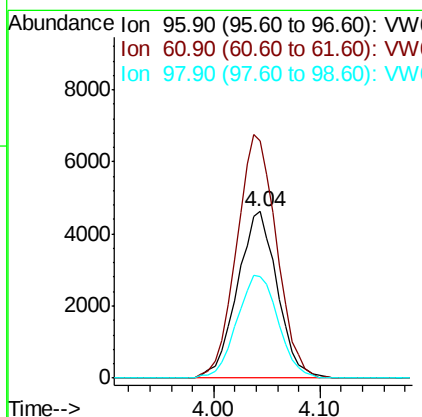
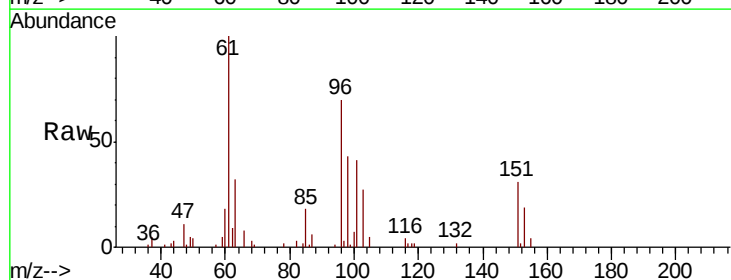
Instrument :
MSVOA_W
ClientSampleId :

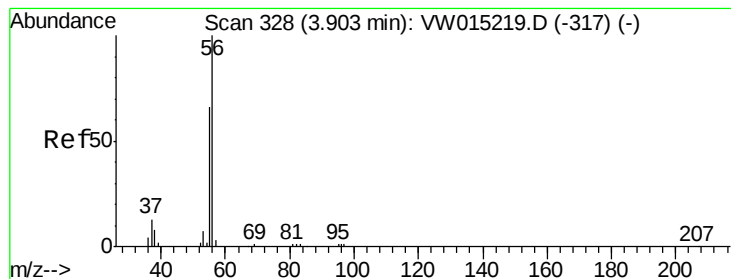
Tot Ion: 59 Resp: 32602
Ion Ratio Lower Upper
59 100
57 11.1 8.4 12.6



#12
1,1-Dichloroethene
Concen: 39.826 ug/l
RT: 4.04 min Scan# 351
Delta R.T. 0.00 min
Lab File: VW015289.D
Acq: 22 Apr 2020 03:34

Tgt Ion: 96 Resp: 12153
Ion Ratio Lower Upper
96 100
61 142.6 127.0 190.4
98 61.1 51.0 76.4





#13

Acrolein

Concen: 4.967 ug/l

RT: 3.93 min Scan# 332

Delta R.T. 0.02 min

Lab File: VW015289.D

Acq: 22 Apr 2020 03:34

Instrument :

MSVOA_W

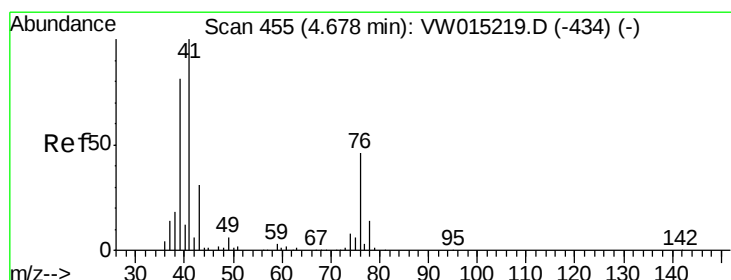
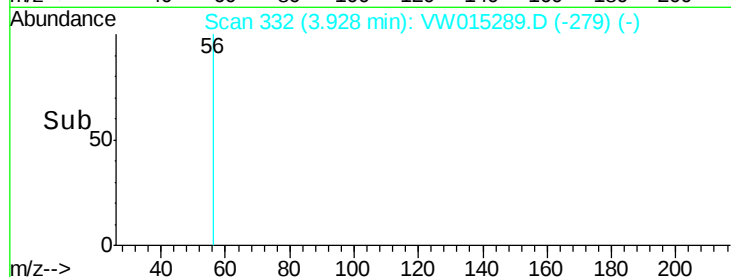
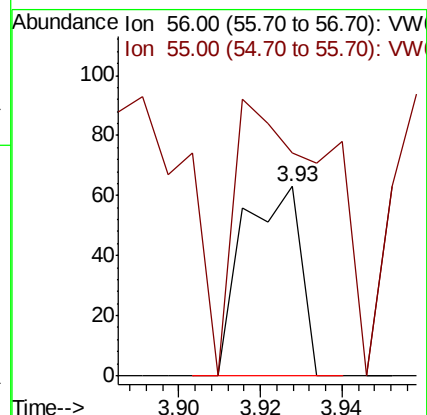
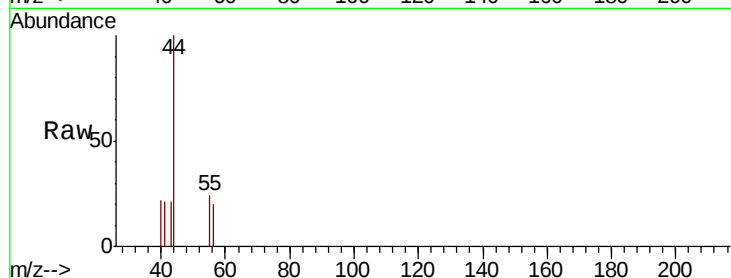
ClientSampled :

Tot Ion: 56 Resp: 62

Ion Ratio Lower Upper

56 100

55 235.5 56.2 84.2#



#14

Allyl chloride

Concen: 12.082 ug/l

RT: 4.62 min Scan# 445

Delta R.T. -0.06 min

Lab File: VW015289.D

Acq: 22 Apr 2020 03:34

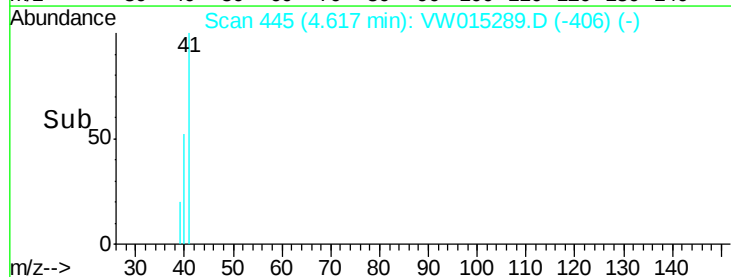
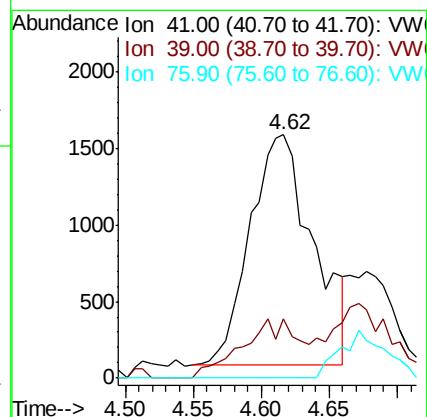
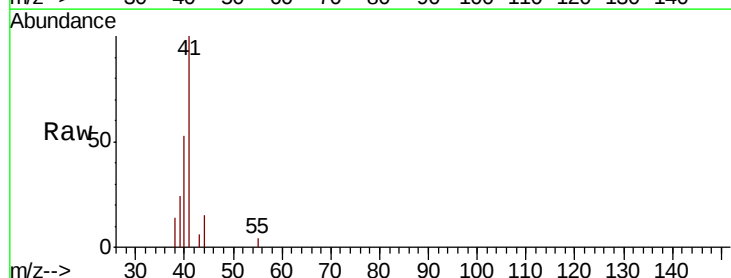
Tgt Ion: 41 Resp: 4891

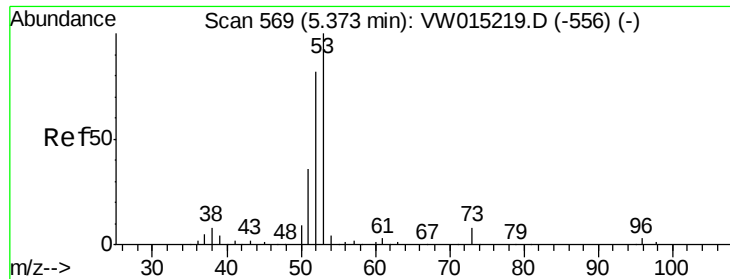
Ion Ratio Lower Upper

41 100

39 14.6 54.0 81.0#

76 0.0 31.8 47.6#





#15

Acrylonitrile

Concen: 933.146 ug/l

RT: 5.37 min Scan# 569

Delta R.T. 0.00 min

Lab File: VW015289.D

Acq: 22 Apr 2020 03:34

Instrument :
MSVOA_W
ClientSampled :

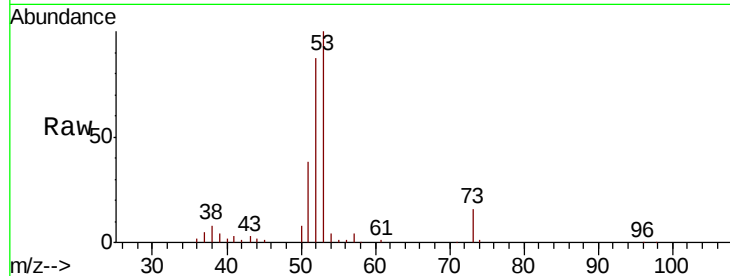
Tot Ion: 53 Resp: 51243

Ion Ratio Lower Upper

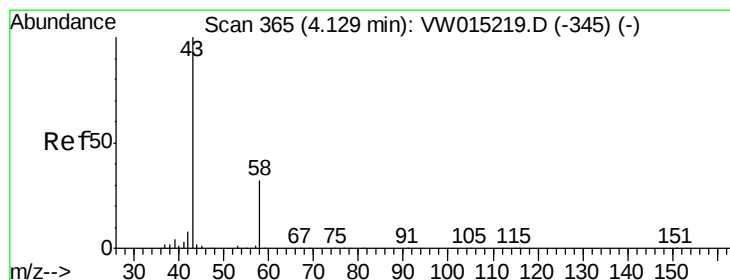
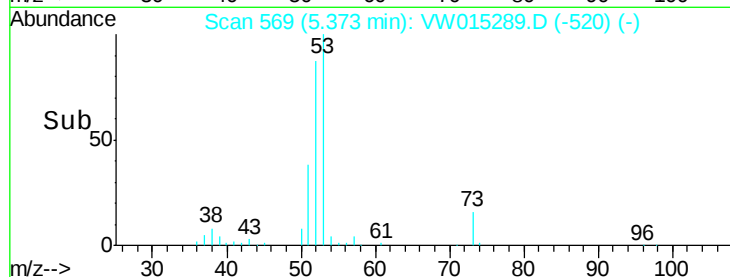
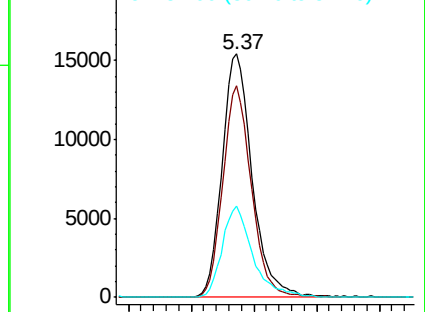
53 100

52 82.2 65.2 97.8

51 37.9 28.2 42.4



Abundance Ion 53.00 (52.70 to 53.70): VW
Ion 52.00 (51.70 to 52.70): VW
Ion 51.00 (50.70 to 51.70): VW



#16

Acetone

Concen: 1534.365 ug/l

RT: 4.12 min Scan# 364

Delta R.T. -0.01 min

Lab File: VW015289.D

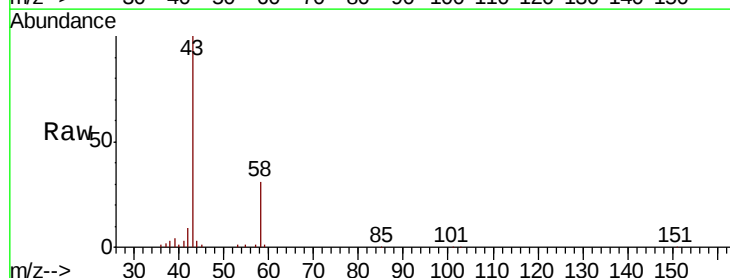
Acq: 22 Apr 2020 03:34

Tgt Ion: 43 Resp: 78404

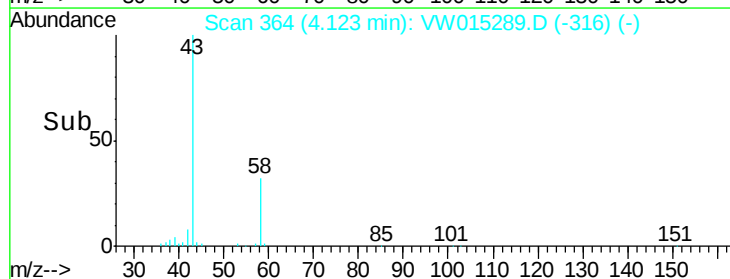
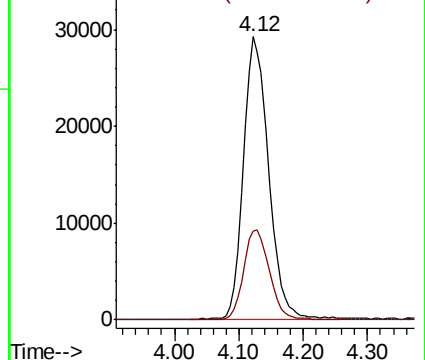
Ion Ratio Lower Upper

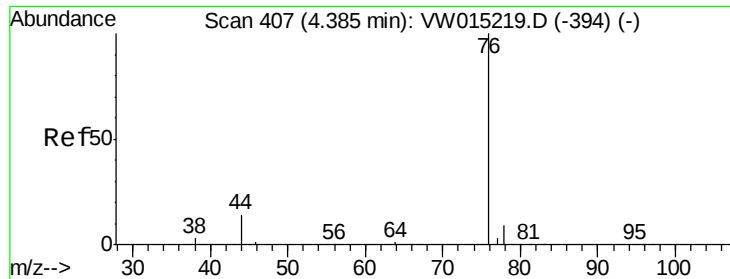
43 100

58 31.5 27.0 40.4



Abundance Ion 43.00 (42.70 to 43.70): VW
Ion 58.00 (57.70 to 58.70): VW

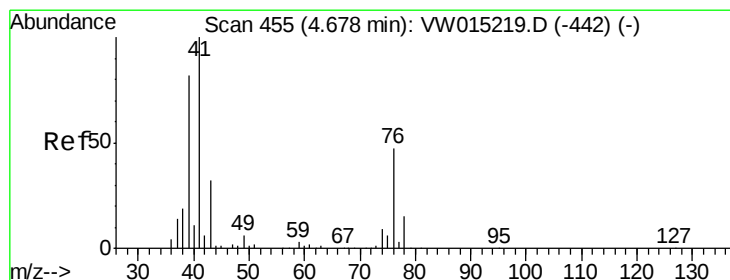
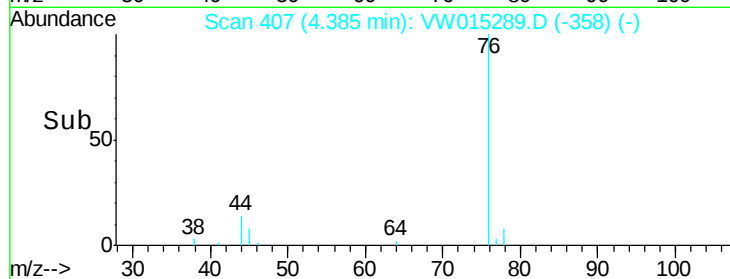
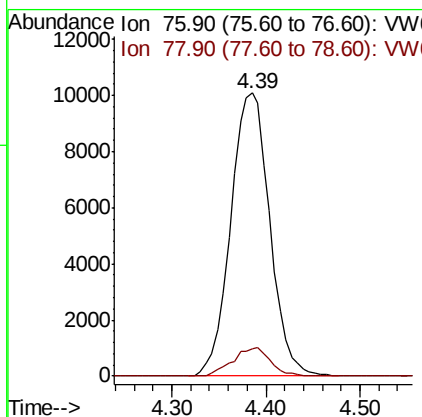
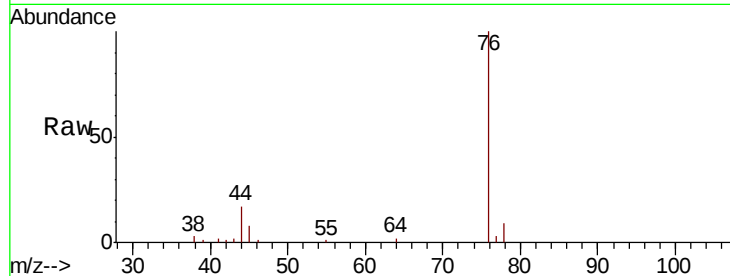




#17
Carbon Disulfide
Concen: 32.054 ug/l
RT: 4.39 min Scan# 407
Delta R.T. 0.00 min
Lab File: VW015289.D
Acq: 22 Apr 2020 03:34

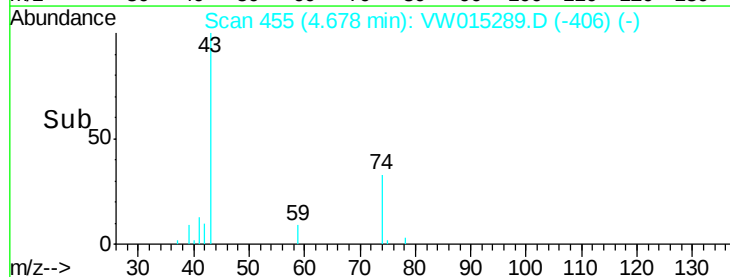
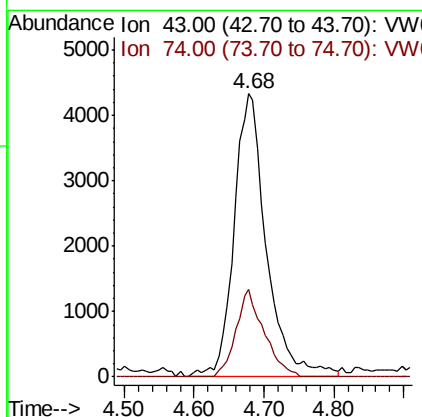
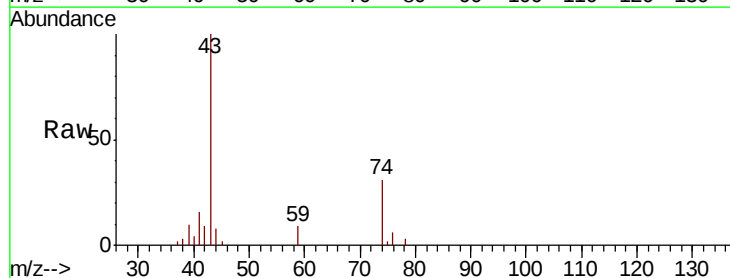
Instrument :
MSVOA_W
ClientSampleId :

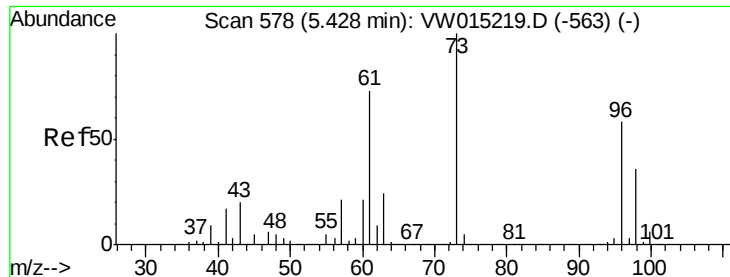
Tot Ion: 76 Resp: 29067
Ion Ratio Lower Upper
76 100
78 9.5 7.0 10.6



#18
Methyl Acetate
Concen: 102.670 ug/l
RT: 4.68 min Scan# 455
Delta R.T. 0.00 min
Lab File: VW015289.D
Acq: 22 Apr 2020 03:34

Tgt Ion: 43 Resp: 13887
Ion Ratio Lower Upper
43 100
74 26.7 20.6 31.0

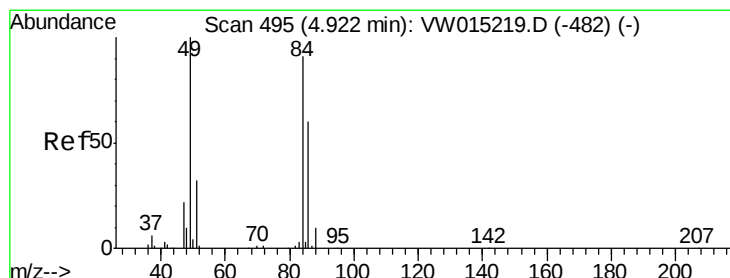
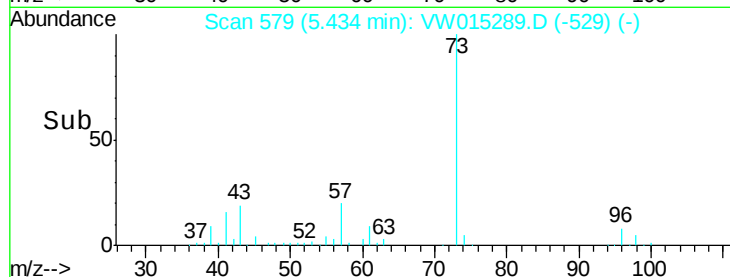
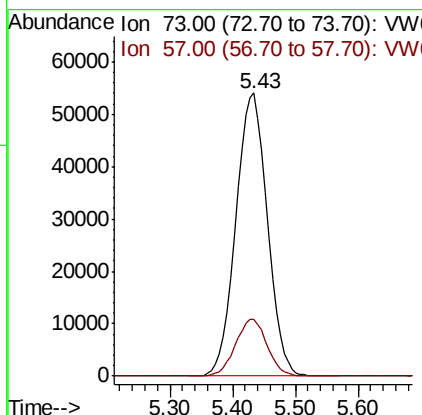
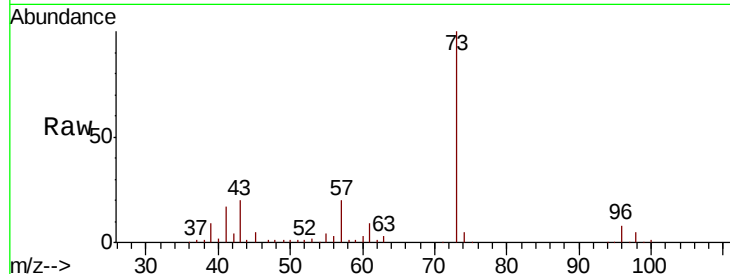




#19
Methvl tert-butvl Ether
Concen: 267.911 ug/l
RT: 5.43 min Scan# 579
Delta R.T. 0.01 min
Lab File: VW015289.D
Acq: 22 Apr 2020 03:34

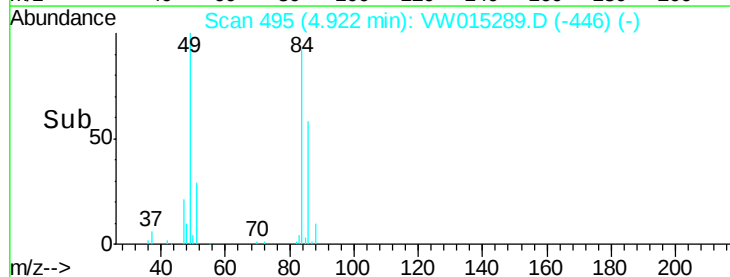
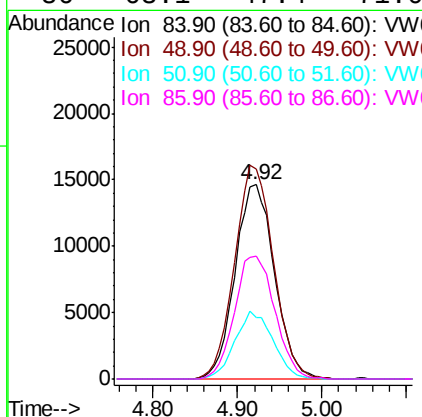
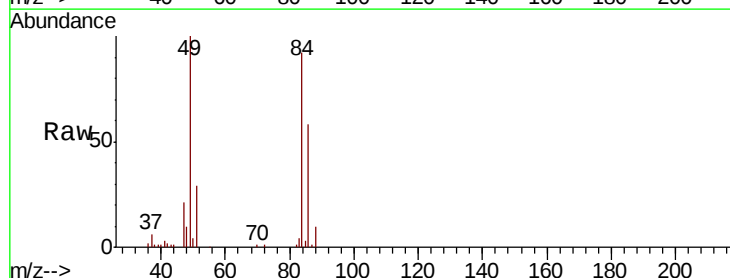
Instrument :
MSVOA_W
ClientSampled :

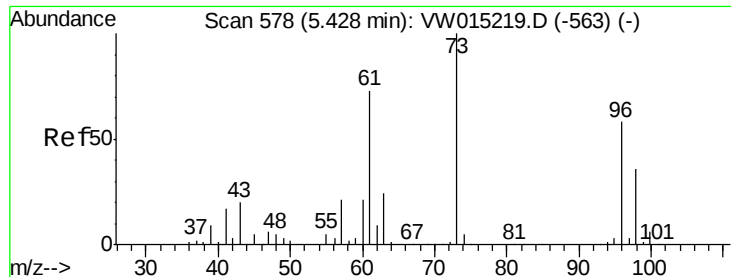
Tot Ion: 73 Resp: 187671
Ion Ratio Lower Upper
73 100
57 20.1 17.8 26.6



#20
Methylene Chloride
Concen: 138.887 ug/l
RT: 4.92 min Scan# 495
Delta R.T. 0.00 min
Lab File: VW015289.D
Acq: 22 Apr 2020 03:34

Tgt Ion: 84 Resp: 46512
Ion Ratio Lower Upper
84 100
49 108.4 95.4 143.0
51 31.7 29.8 44.8
86 63.1 47.4 71.0





#21

trans-1,2-Dichloroethene

Concen: 38.688 ug/l

RT: 5.42 min Scan# 577

Delta R.T. -0.01 min

Lab File: VW015289.D

Acq: 22 Apr 2020 03:34

Instrument :

MSVOA_W

ClientSampleId :

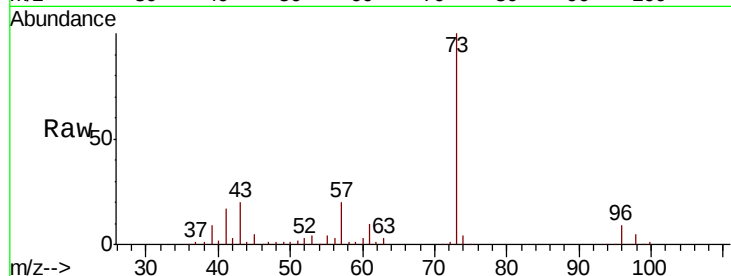
Tot Ion: 96 Resp: 13389

Ion Ratio Lower Upper

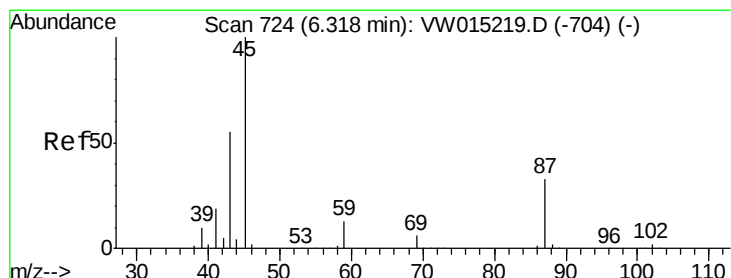
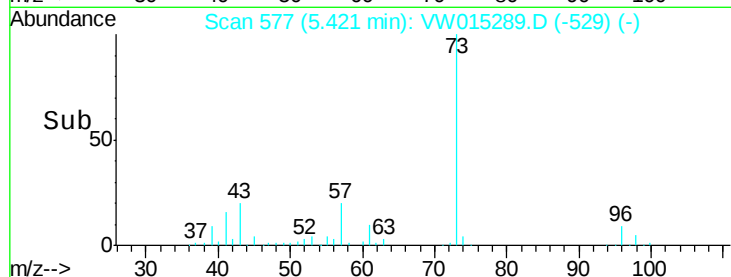
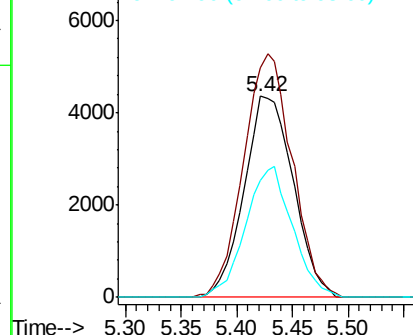
96 100

61 114.3 107.8 161.6

98 57.9 50.2 75.2



Abundance Ion 95.90 (95.60 to 96.60): VW
Ion 60.90 (60.60 to 61.60): VW
Ion 97.90 (97.60 to 98.60): VW



#22

Diisopropyl ether

Concen: 212.770 ug/l

RT: 6.31 min Scan# 723

Delta R.T. -0.01 min

Lab File: VW015289.D

Acq: 22 Apr 2020 03:34

Tgt Ion: 45 Resp: 165237

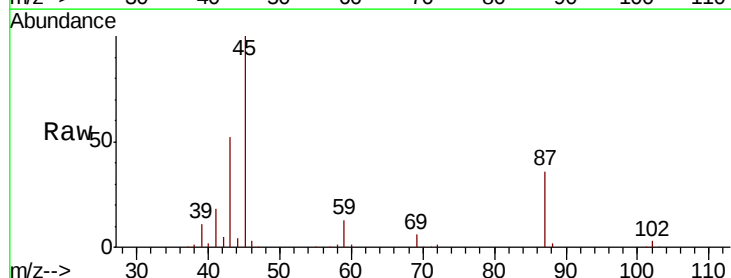
Ion Ratio Lower Upper

45 100

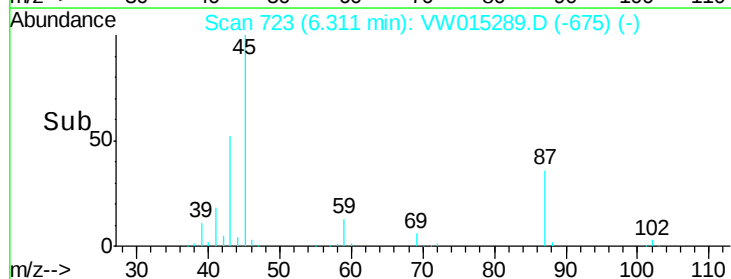
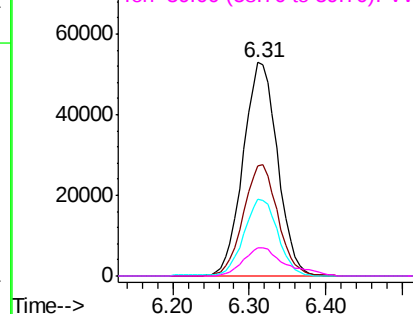
43 51.6 41.8 62.6

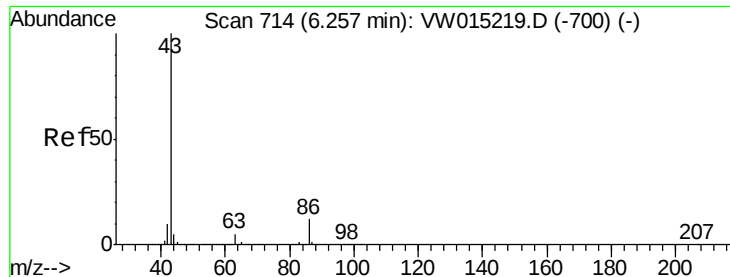
87 35.9 23.2 34.8#

59 12.9 9.6 14.4



Abundance Ion 45.00 (44.70 to 45.70): VW
Ion 43.00 (42.70 to 43.70): VW
Ion 87.00 (86.70 to 87.70): VW
Ion 59.00 (58.70 to 59.70): VW





#23

Vinyl Acetate

Concen: 191.130 ug/l

RT: 6.32 min Scan# 724

Delta R.T. 0.06 min

Lab File: VW015289.D

Acq: 22 Apr 2020 03:34

Instrument :

MSVOA_W

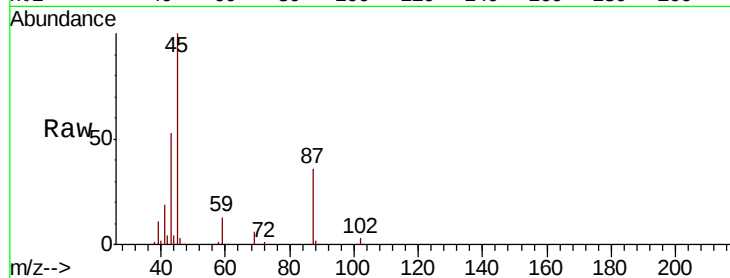
ClientSampleId :

Tot Ion: 43 Resp: 87103

Ion Ratio Lower Upper

43 100

86 0.3 9.1 13.7#



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 86.00 (85.70 to 86.70): VW

6.32

30000

25000

20000

15000

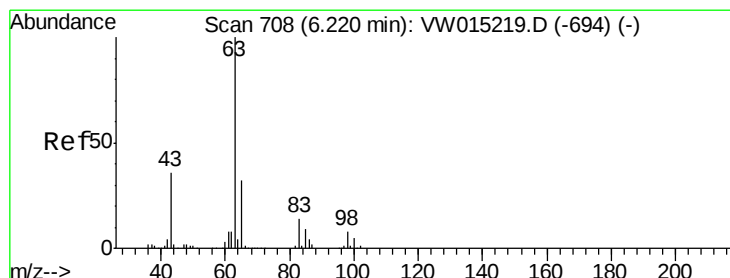
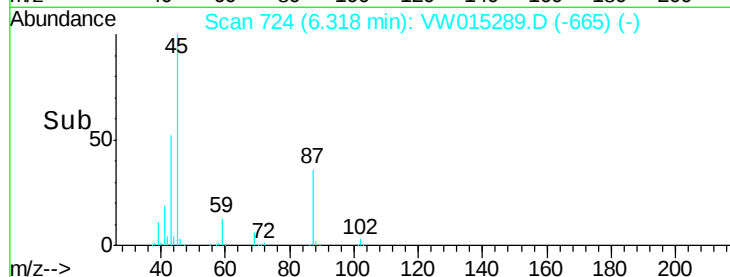
10000

5000

0

6.20 6.30 6.40 6.50

Time-->



#24

1,1-Dichloroethane

Concen: 111.501 ug/l

RT: 6.22 min Scan# 708

Delta R.T. 0.00 min

Lab File: VW015289.D

Acq: 22 Apr 2020 03:34

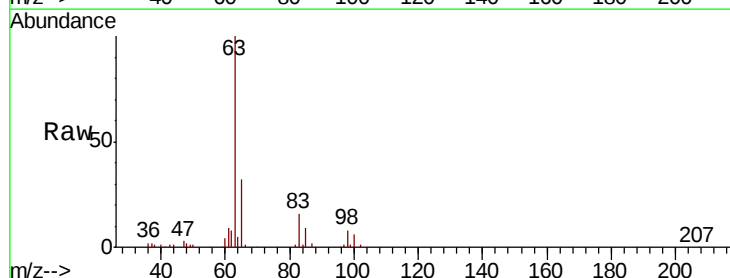
Tgt Ion: 63 Resp: 60012

Ion Ratio Lower Upper

63 100

98 8.0 3.6 10.9

100 5.8 2.4 7.2



Abundance Ion 62.90 (62.60 to 63.60): VW

Ion 97.90 (97.60 to 98.60): VW

Ion 99.90 (99.60 to 100.60): VW

25000

20000

15000

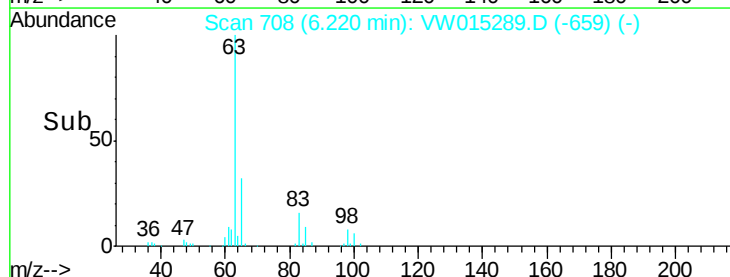
10000

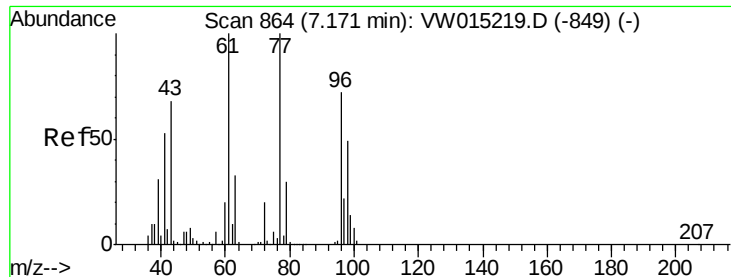
5000

0

6.10 6.20 6.30

Time-->





#25

2-Butanone

Concen: 799.965 ug/l

RT: 7.17 min Scan# 864

Delta R.T. 0.00 min

Lab File: VW015289.D

Acq: 22 Apr 2020 03:34

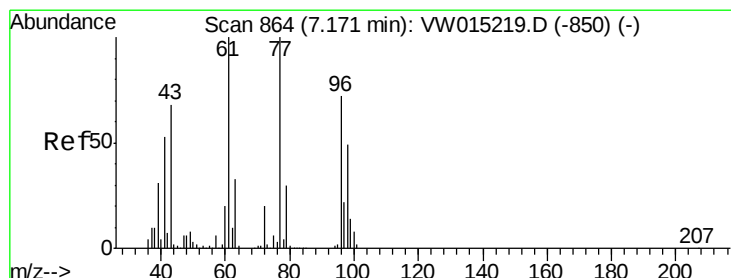
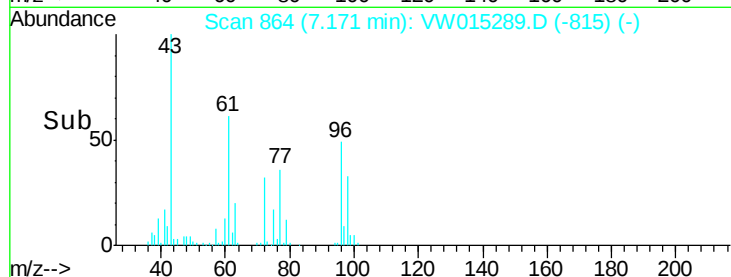
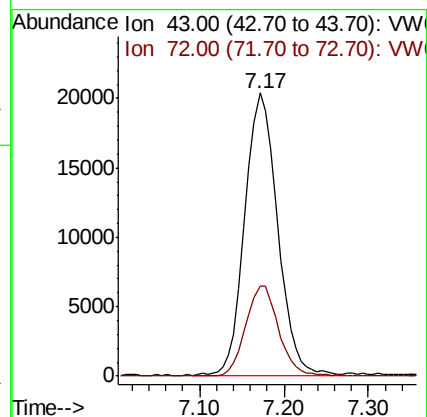
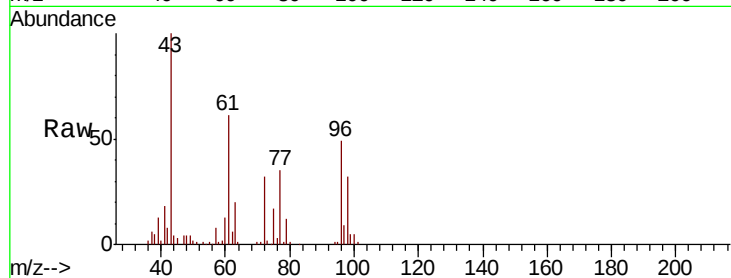
Instrument :
MSVOA_W
ClientSampled :

Tot Ion: 43 Resp: 54233

Ion Ratio Lower Upper

43 100

72 31.8 21.6 32.4



#26

2,2-Dichloropropane

Concen: 37.050 ug/l

RT: 7.17 min Scan# 864

Delta R.T. 0.00 min

Lab File: VW015289.D

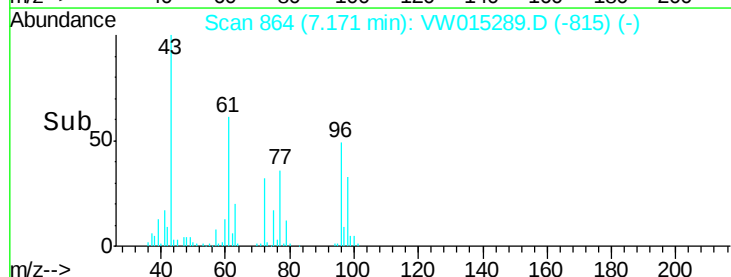
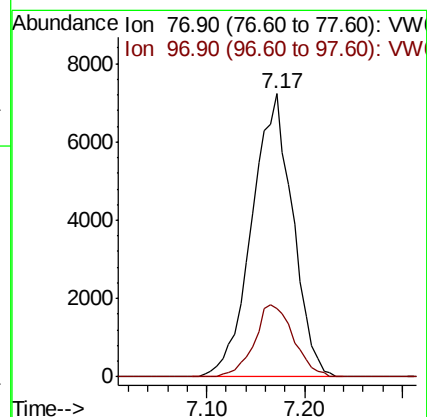
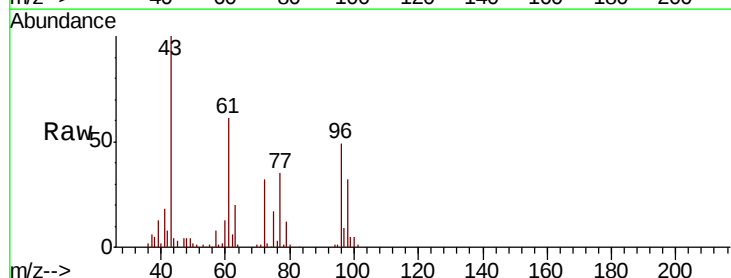
Acq: 22 Apr 2020 03:34

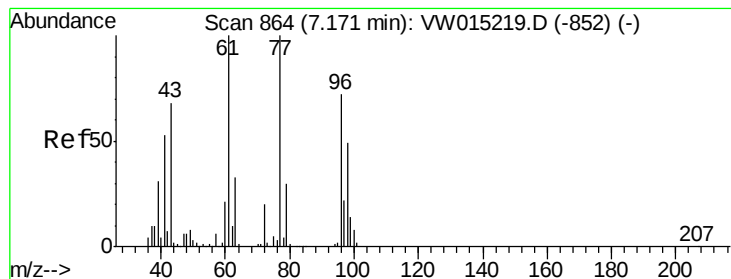
Tgt Ion: 77 Resp: 20979

Ion Ratio Lower Upper

77 100

97 24.2 11.9 35.5





#27

cis-1,2-Dichloroethene

Concen: 69.645 ug/l

RT: 7.17 min Scan# 864

Delta R.T. 0.00 min

Lab File: VW015289.D

Acq: 22 Apr 2020 03:34

Instrument :
MSVOA_W
ClientSampleId :

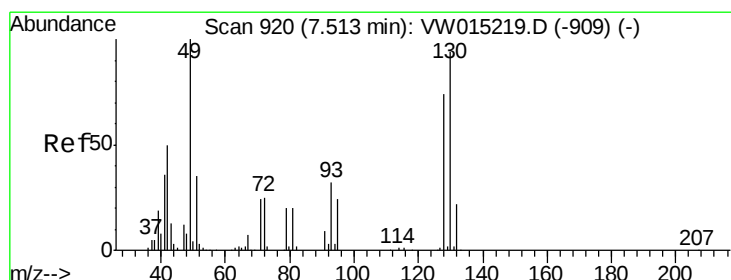
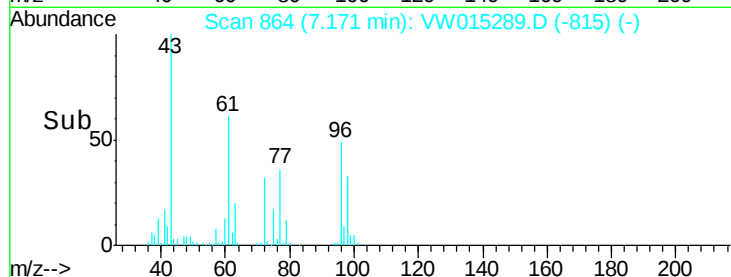
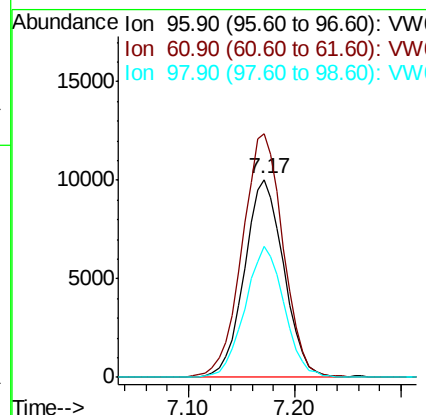
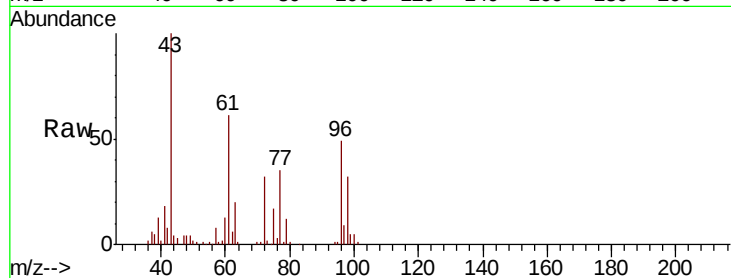
Tot Ion: 96 Resp: 26021

Ion Ratio Lower Upper

96 100

61 128.1 0.0 275.0

98 65.9 0.0 130.8



#28

Bromochloromethane

Concen: 109.487 ug/l

RT: 7.51 min Scan# 920

Delta R.T. 0.00 min

Lab File: VW015289.D

Acq: 22 Apr 2020 03:34

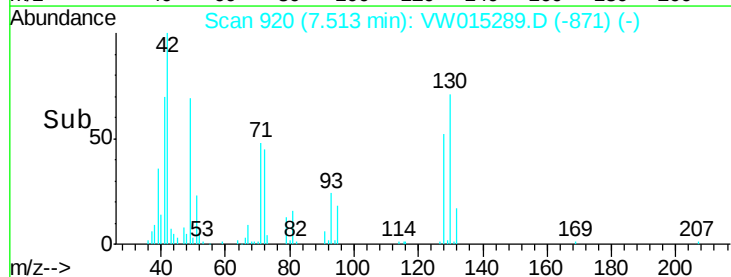
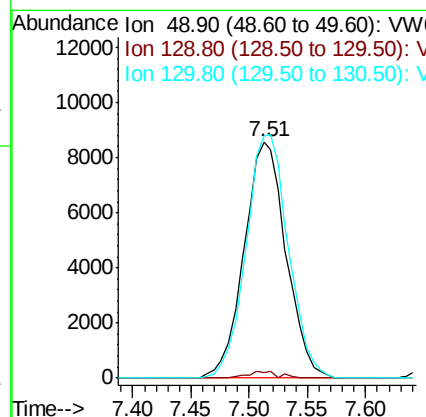
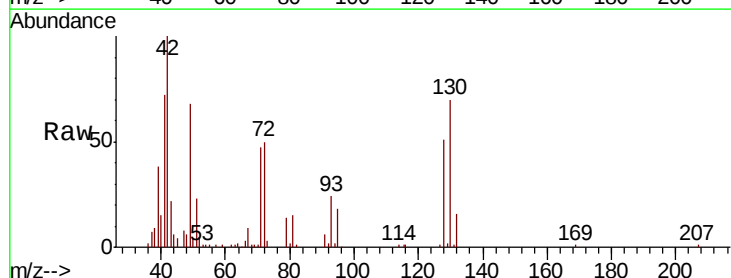
Tgt Ion: 49 Resp: 21425

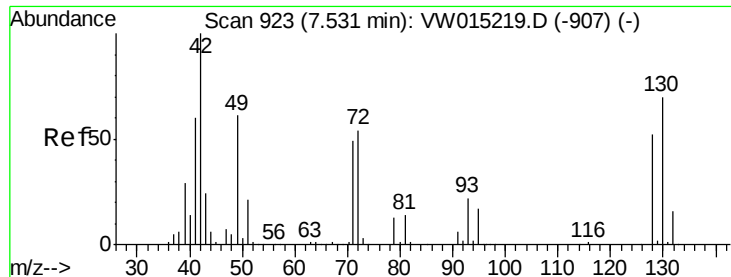
Ion Ratio Lower Upper

49 100

129 2.1 0.0 4.6

130 103.7 60.9 91.3#

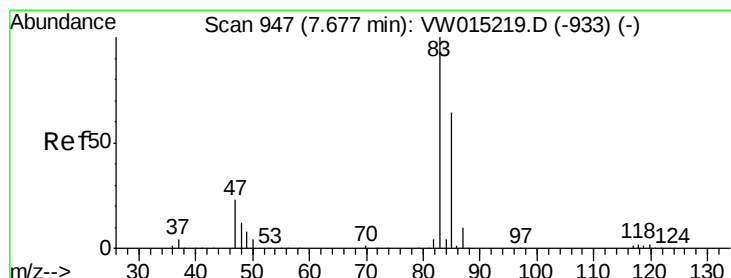
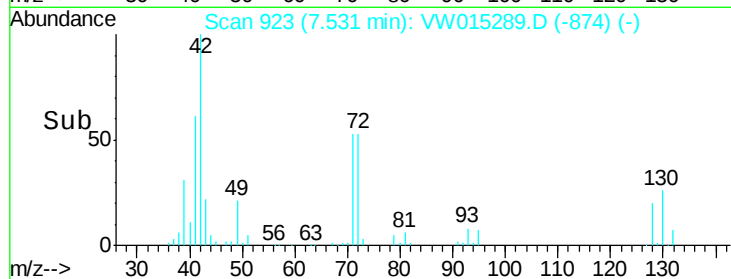
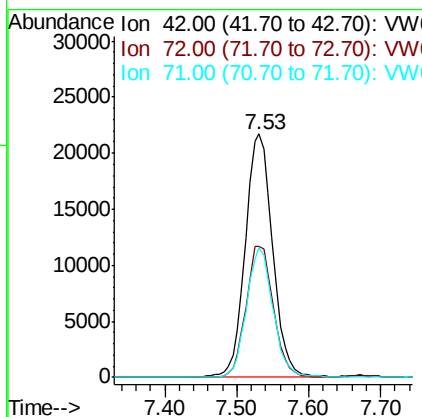
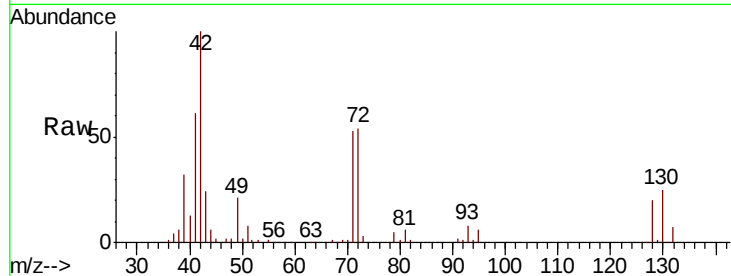




#29
Tetrahydrofuran
Concen: 1361.154 ug/l
RT: 7.53 min Scan# 923
Delta R.T. 0.00 min
Lab File: VW015289.D
Acq: 22 Apr 2020 03:34

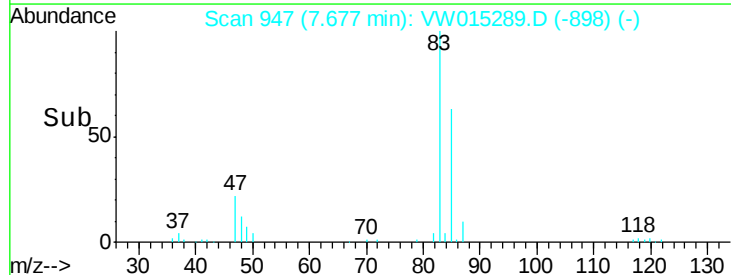
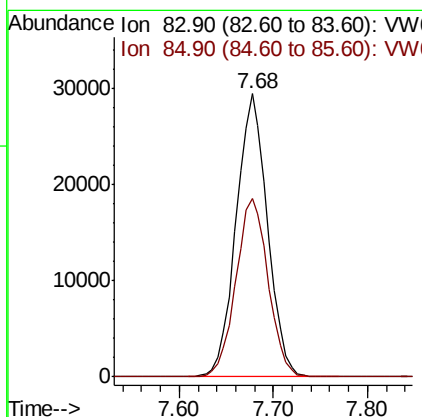
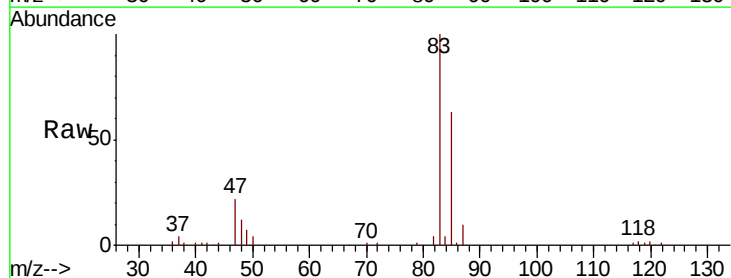
Instrument :
MSVOA_W
ClientSampled :

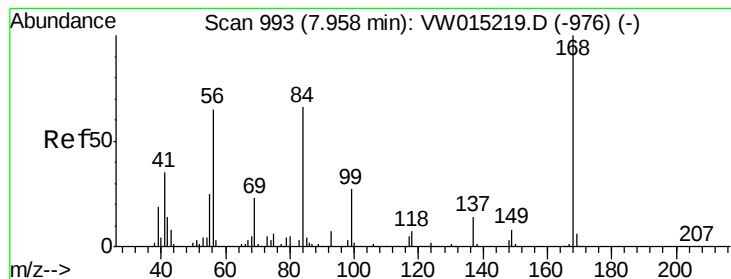
Tot Ion: 42 Resp: 57491
Ion Ratio Lower Upper
42 100
72 53.7 36.2 54.2
71 51.5 34.2 51.4#



#30
Chloroform
Concen: 117.111 ug/l
RT: 7.68 min Scan# 947
Delta R.T. 0.00 min
Lab File: VW015289.D
Acq: 22 Apr 2020 03:34

Tgt Ion: 83 Resp: 68029
Ion Ratio Lower Upper
83 100
85 62.8 50.9 76.3





#31

Cyclohexane

Concen: 35.518 ug/l

RT: 7.96 min Scan# 993

Delta R.T. 0.00 min

Lab File: VW015289.D

Acq: 22 Apr 2020 03:34

Instrument :
MSVOA_W
ClientSampled :

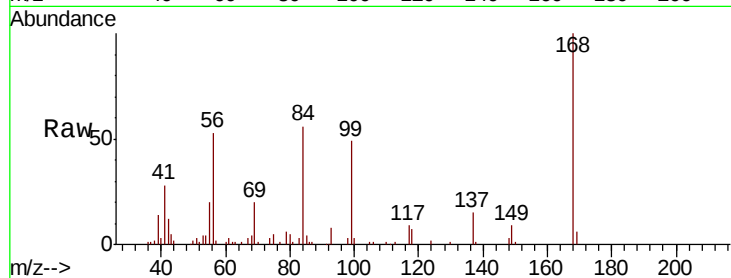
Tot Ion: 56 Resp: 19216

Ion Ratio Lower Upper

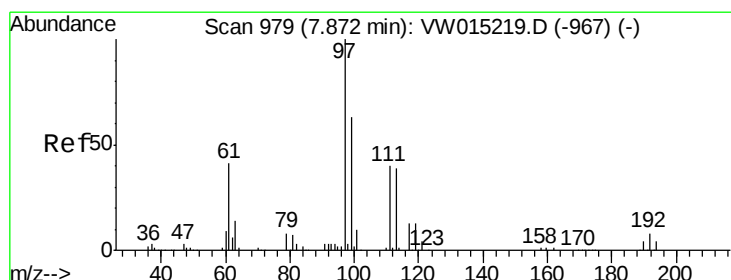
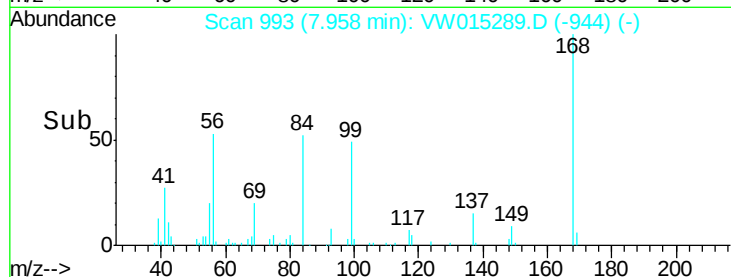
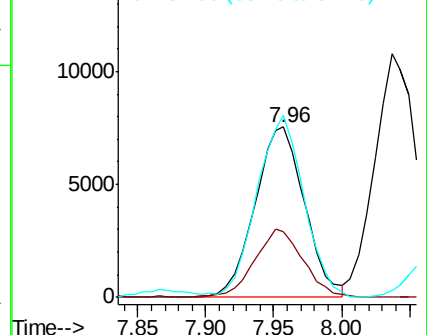
56 100

69 38.3 27.1 40.7

84 104.5 71.9 107.9



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



#32

1,1,1-Trichloroethane

Concen: 82.487 ug/l

RT: 7.88 min Scan# 980

Delta R.T. 0.01 min

Lab File: VW015289.D

Acq: 22 Apr 2020 03:34

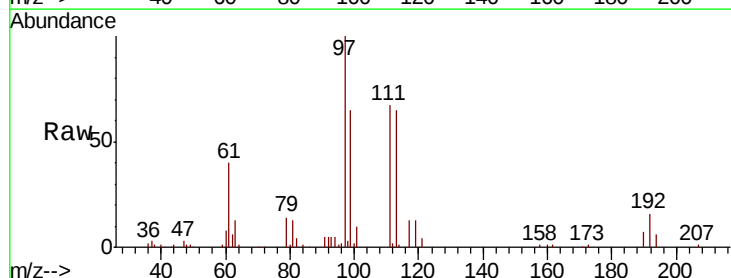
Tgt Ion: 97 Resp: 46245

Ion Ratio Lower Upper

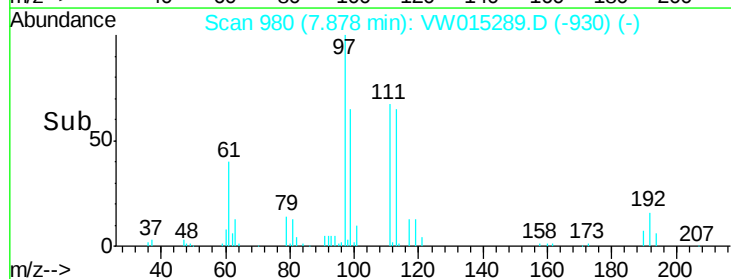
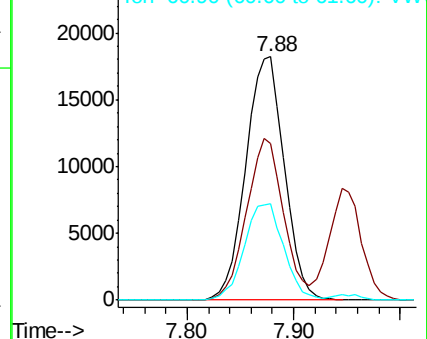
97 100

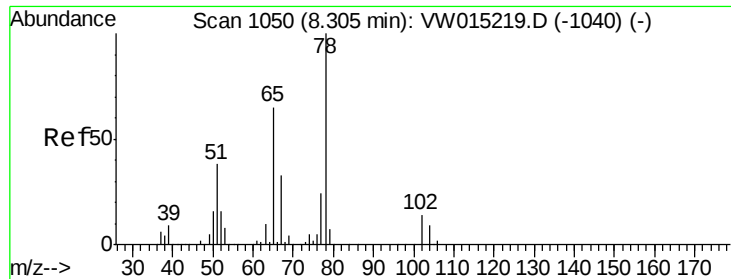
99 64.1 52.2 78.2

61 40.5 34.2 51.2



Abundance Ion 96.90 (96.60 to 97.60): VW
Ion 98.90 (98.60 to 99.60): VW
Ion 60.90 (60.60 to 61.60): VW





#33

1,2-Dichloroethane-d4

Concen: 118.161 ug/l

RT: 8.31 min Scan# 1050

Delta R.T. 0.00 min

Lab File: VW015289.D

Acq: 22 Apr 2020 03:34

Instrument :

MSVOA_W

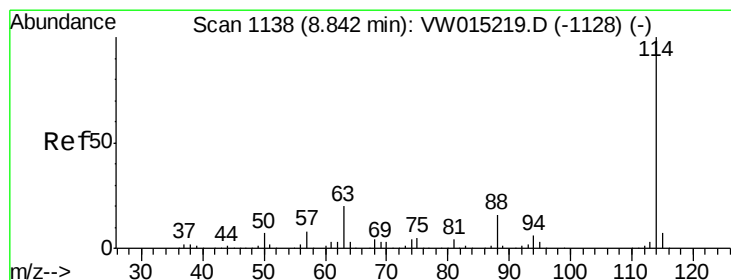
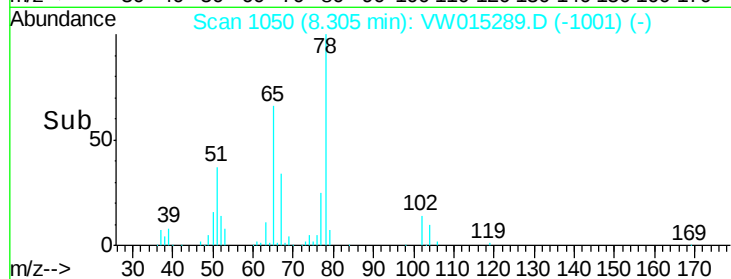
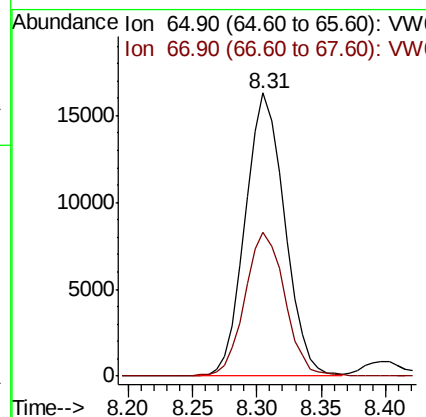
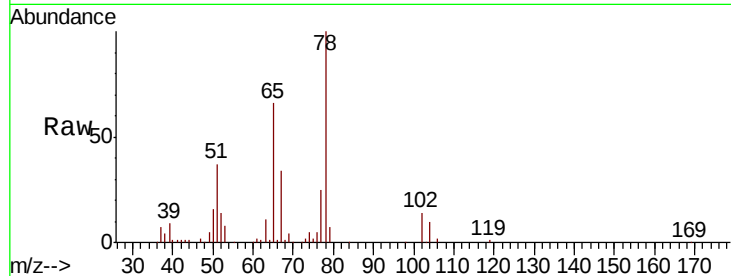
ClientSampleId :

Tot Ion: 65 Resp: 34569

Ion Ratio Lower Upper

65 100

67 51.3 0.0 107.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.84 min Scan# 1138

Delta R.T. 0.00 min

Lab File: VW015289.D

Acq: 22 Apr 2020 03:34

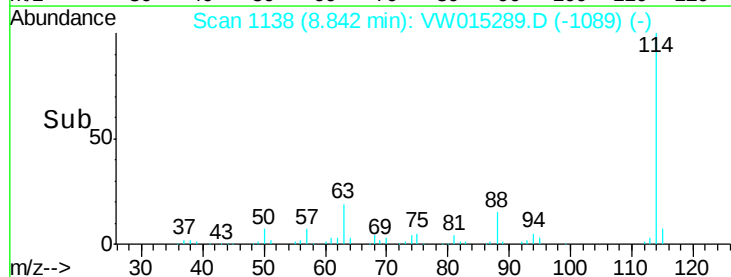
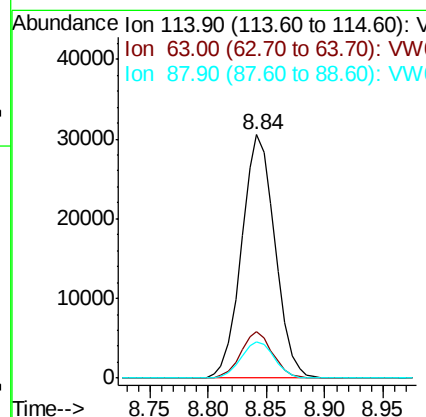
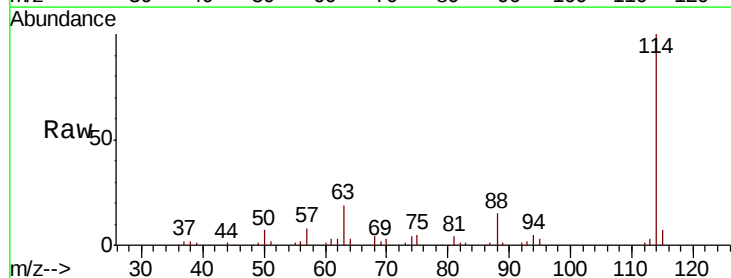
Tgt Ion: 114 Resp: 60879

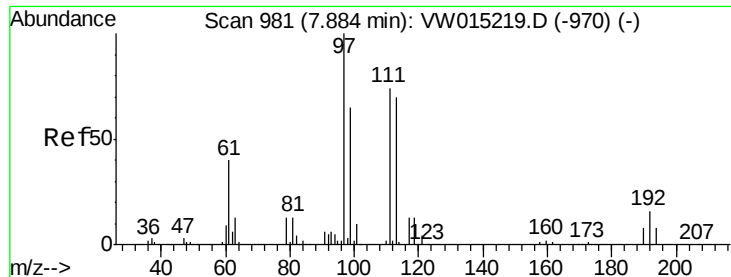
Ion Ratio Lower Upper

114 100

63 19.0 0.0 39.8

88 14.7 0.0 30.2





#35

Dibromofluoromethane

Concen: 93.340 ug/l

RT: 7.88 min Scan# 981

Delta R.T. 0.00 min

Lab File: VW015289.D

Acq: 22 Apr 2020 03:34

Instrument :

MSVOA_W

ClientSampleId :

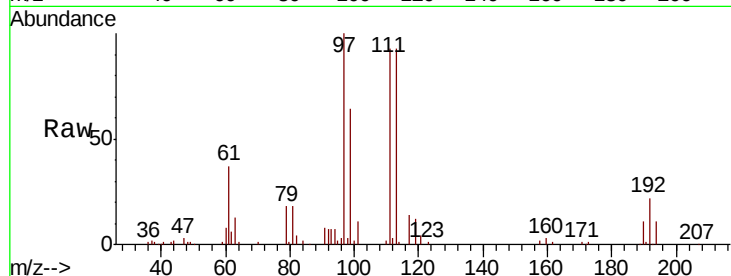
Tot Ion:113 Resp: 31476

Ion Ratio Lower Upper

113 100

111 101.3 83.0 124.4

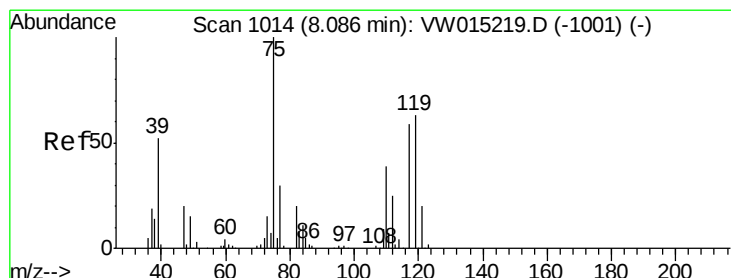
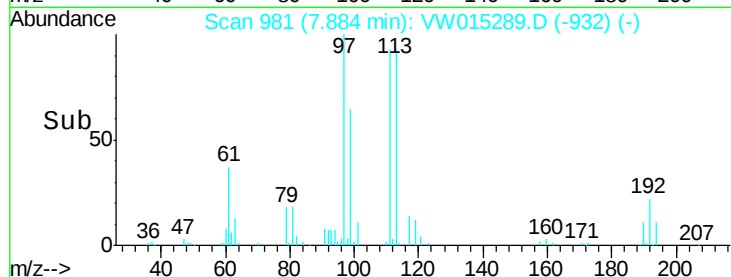
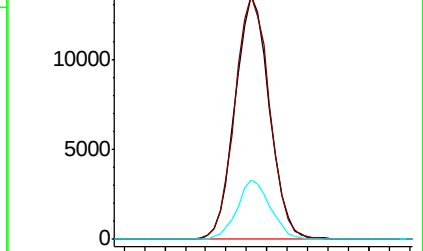
192 23.5 15.1 22.7#



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 28.691 ug/l

RT: 8.09 min Scan# 1014

Delta R.T. 0.00 min

Lab File: VW015289.D

Acq: 22 Apr 2020 03:34

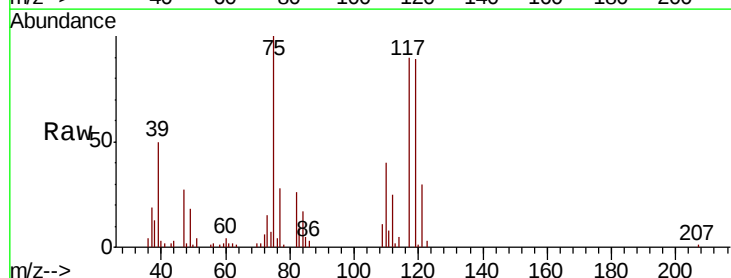
Tgt Ion: 75 Resp: 15765

Ion Ratio Lower Upper

75 100

110 38.0 18.2 54.6

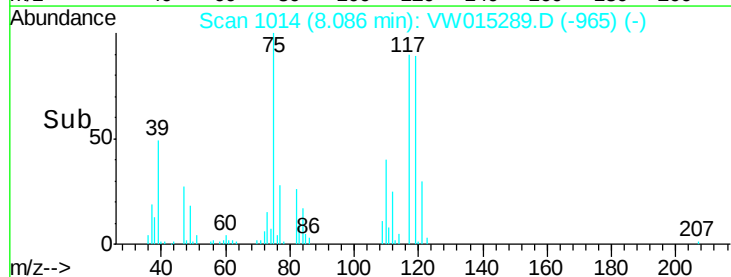
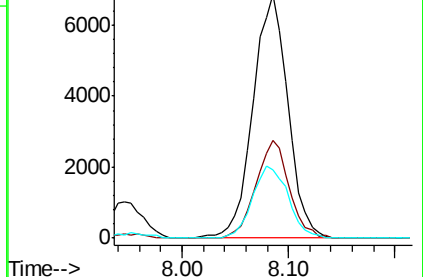
77 30.3 24.5 36.7

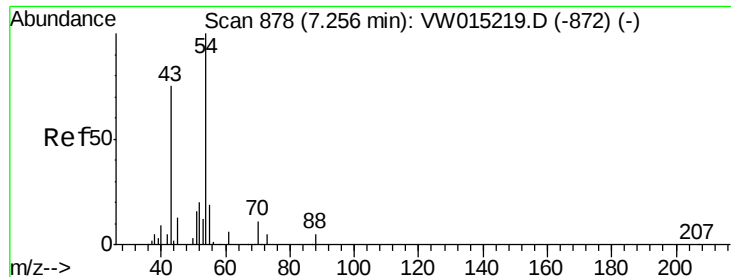


Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VW

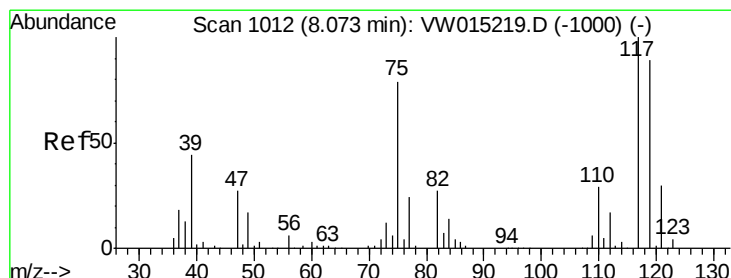
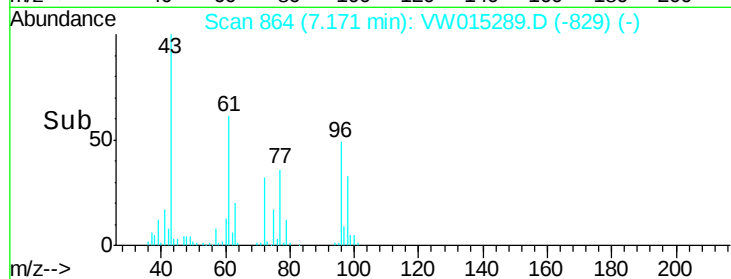
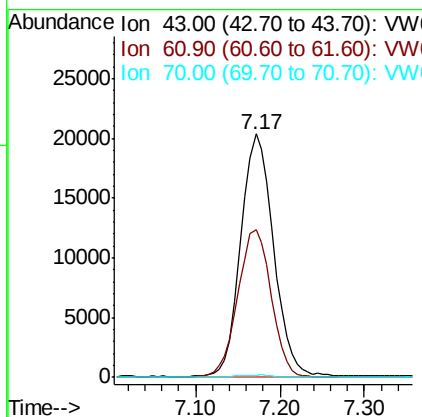
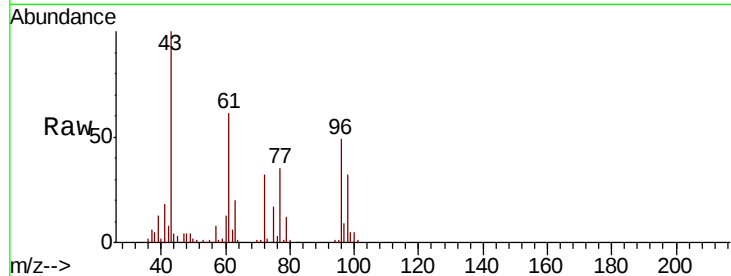




#37
Ethyl Acetate
Concen: 304.123 ug/l
RT: 7.17 min Scan# 864
Delta R.T. -0.09 min
Lab File: VW015289.D
Acq: 22 Apr 2020 03:34

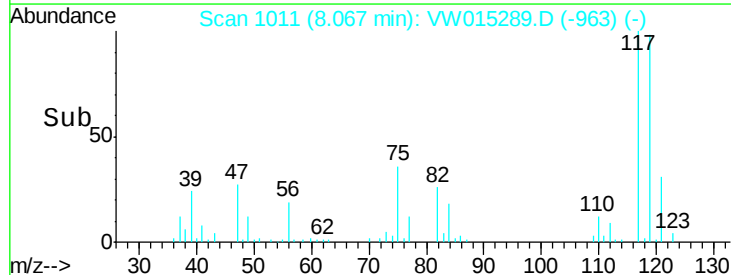
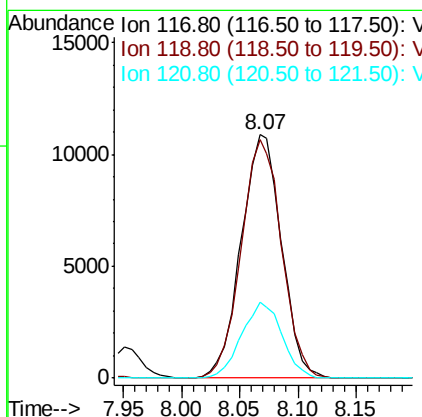
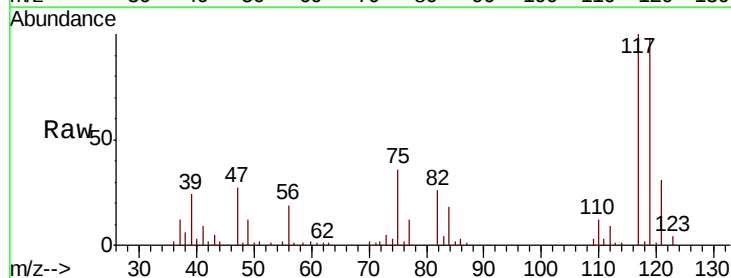
Instrument :
MSVOA_W
ClientSampled :

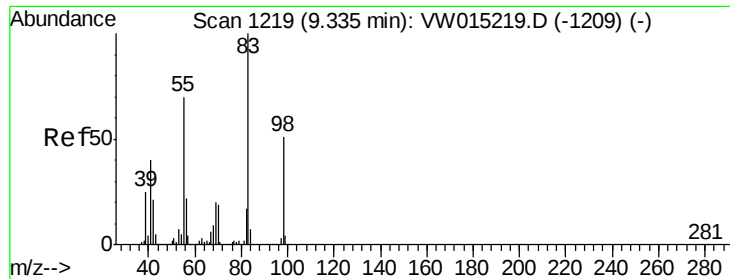
Tot Ion: 43 Resp: 54233
Ion Ratio Lower Upper
43 100
61 61.4 11.9 17.9#
70 1.1 8.8 13.2#



#38
Carbon Tetrachloride
Concen: 43.700 ug/l
RT: 8.07 min Scan# 1011
Delta R.T. -0.01 min
Lab File: VW015289.D
Acq: 22 Apr 2020 03:34

Tgt Ion: 117 Resp: 26240
Ion Ratio Lower Upper
117 100
119 97.8 72.3 108.5
121 31.3 23.7 35.5

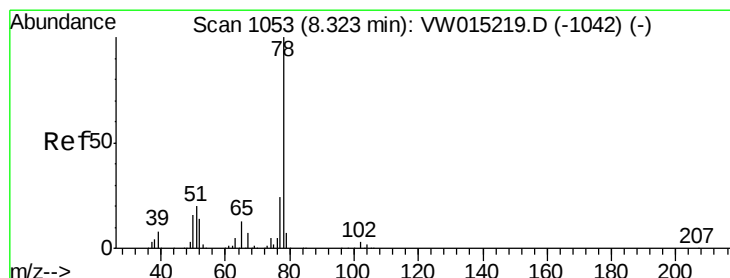
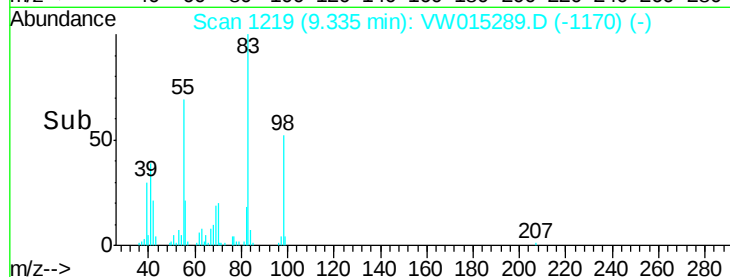
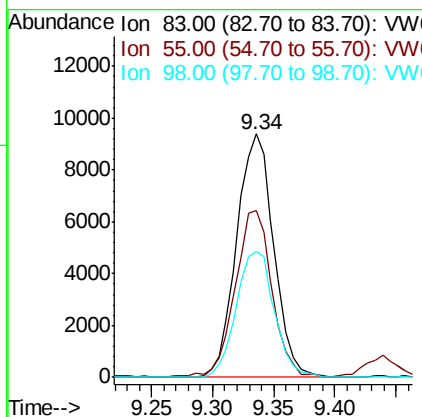
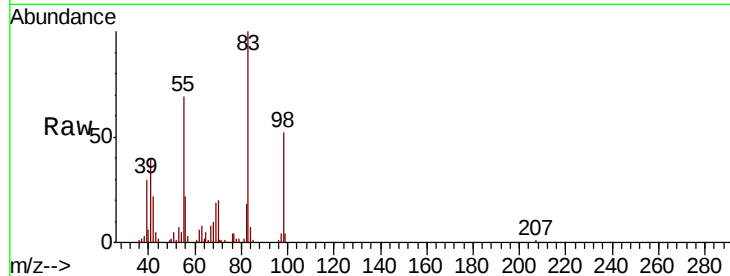




#39
Methvlcvclohexane
Concen: 26.964 ug/l
RT: 9.34 min Scan# 1219
Delta R.T. 0.00 min
Lab File: VW015289.D
Acq: 22 Apr 2020 03:34

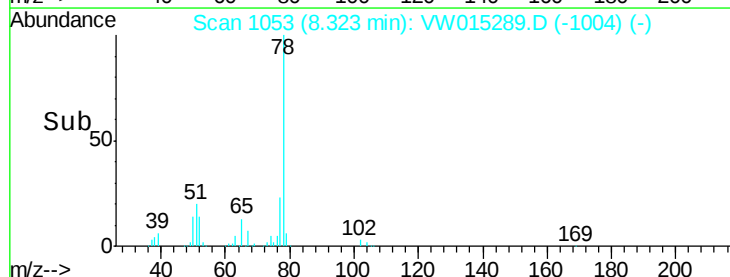
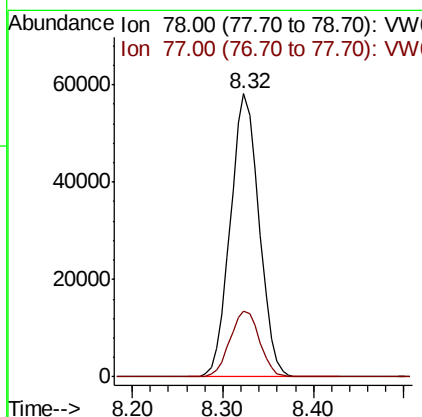
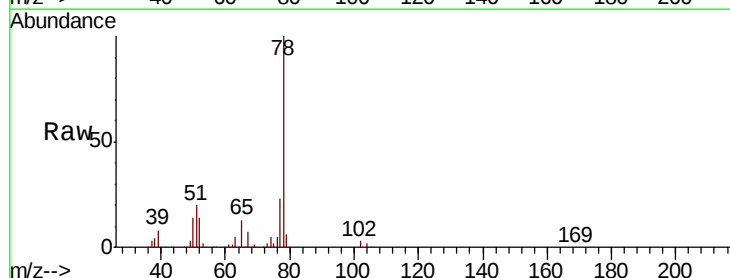
Instrument :
MSVOA_W
ClientSampled :

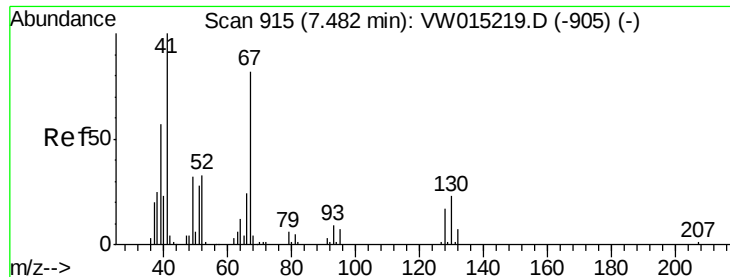
Tot Ion: 83 Resp: 19720
Ion Ratio Lower Upper
83 100
55 68.1 58.1 87.1
98 51.7 40.2 60.4



#40
Benzene
Concen: 87.236 ug/l
RT: 8.32 min Scan# 1053
Delta R.T. 0.00 min
Lab File: VW015289.D
Acq: 22 Apr 2020 03:34

Tgt Ion: 78 Resp: 128043
Ion Ratio Lower Upper
78 100
77 23.3 18.2 27.2

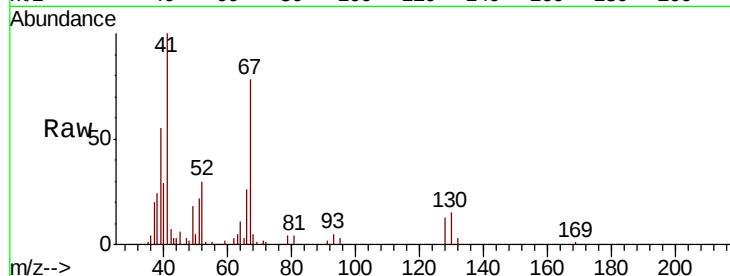




#41
Methacrylonitrile
Concen: 157.060 ug/l
RT: 7.48 min Scan# 915
Delta R.T. 0.00 min
Lab File: VW015289.D
Acq: 22 Apr 2020 03:34

Instrument :
MSVOA_W
ClientSampled :

Tot Ion:	41	Resp:	16805
Ion	Ratio	Lower	Upper
41	100		
39	56.6	41.9	62.9
67	83.0	60.6	91.0
52	33.5	23.8	35.8



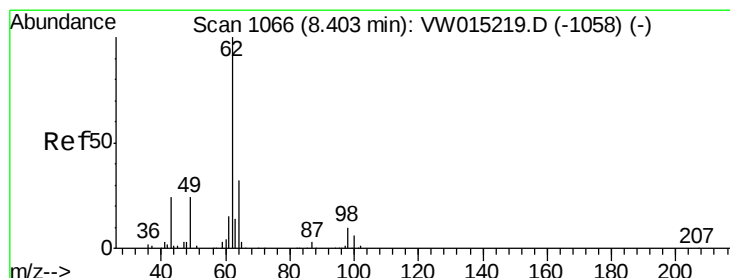
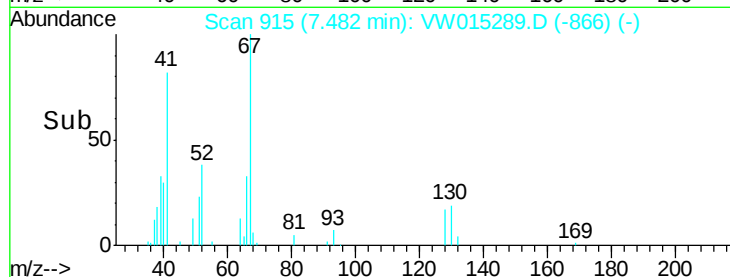
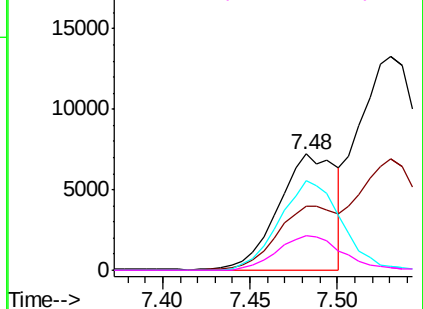
Abundance

Ion 41.00 (40.70 to 41.70): VW

Ion 39.00 (38.70 to 39.70): VW

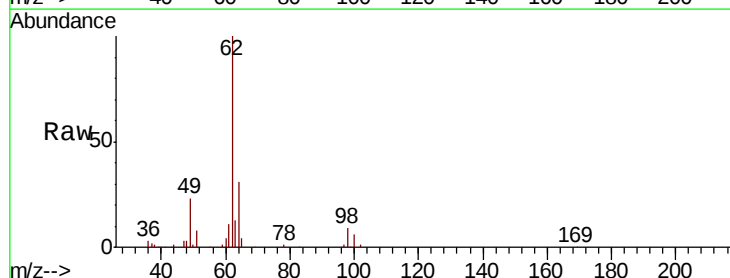
Ion 67.00 (66.70 to 67.70): VW

Ion 52.00 (51.70 to 52.70): VW



#42
1,2-Dichloroethane
Concen: 103.880 ug/l
RT: 8.40 min Scan# 1065
Delta R.T. -0.01 min
Lab File: VW015289.D
Acq: 22 Apr 2020 03:34

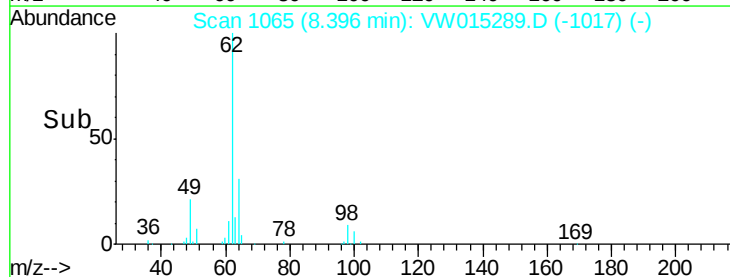
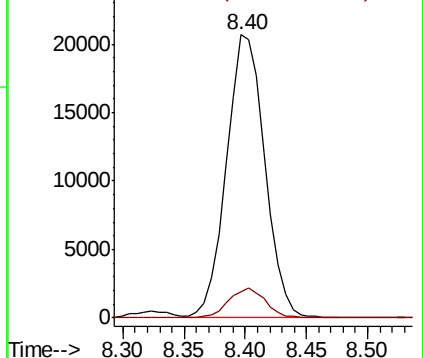
Tgt Ion:	62	Resp:	44886
Ion	Ratio	Lower	Upper
62	100		
98	10.1	0.0	20.4

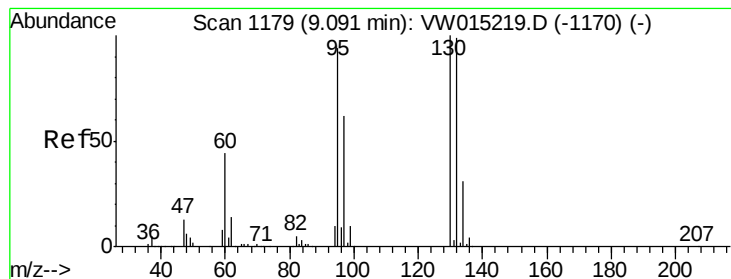


Abundance

Ion 61.90 (61.60 to 62.60): VW

Ion 97.90 (97.60 to 98.60): VW





#44

Trichloroethene

Concen: 41.638 ug/l

RT: 9.09 min Scan# 1179

Delta R.T. 0.00 min

Lab File: VW015289.D

Acq: 22 Apr 2020 03:34

Instrument :

MSVOA_W

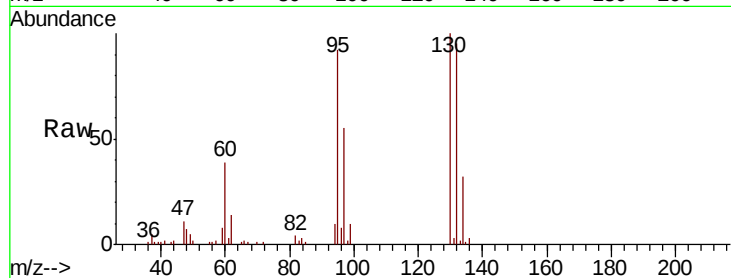
ClientSampled :

Tot Ion:130 Resp: 18694

Ion Ratio Lower Upper

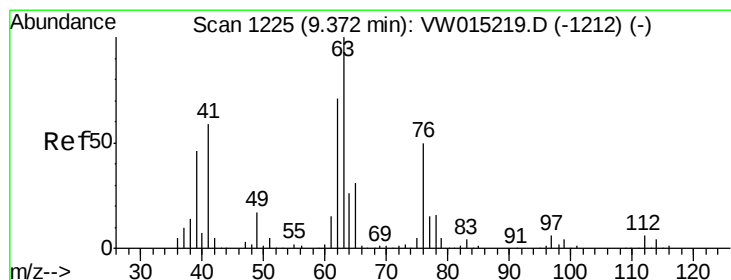
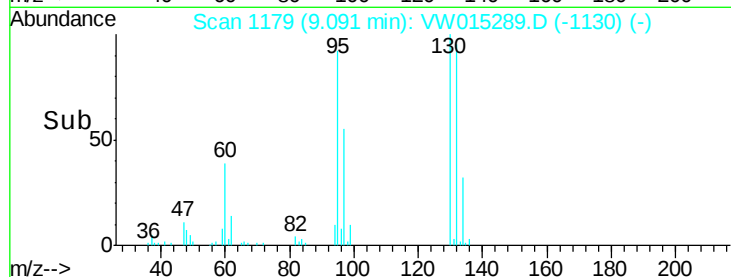
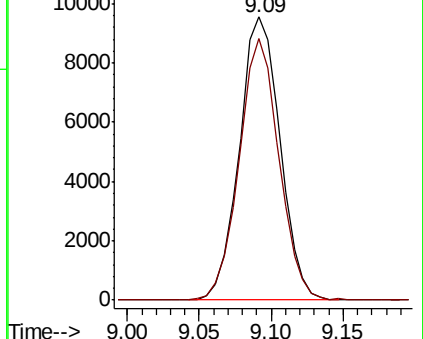
130 100

95 92.3 0.0 196.4



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VW



#45

1,2-Dichloropropane

Concen: 111.035 ug/l

RT: 9.37 min Scan# 1224

Delta R.T. -0.01 min

Lab File: VW015289.D

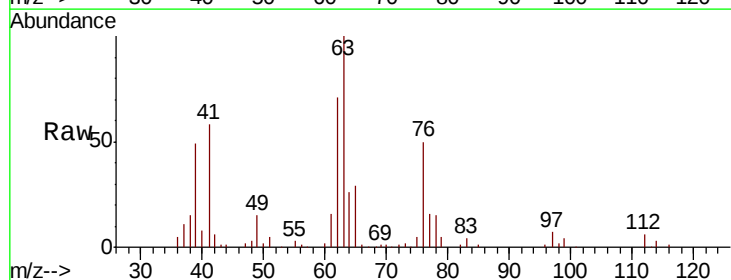
Acq: 22 Apr 2020 03:34

Tgt Ion: 63 Resp: 37900

Ion Ratio Lower Upper

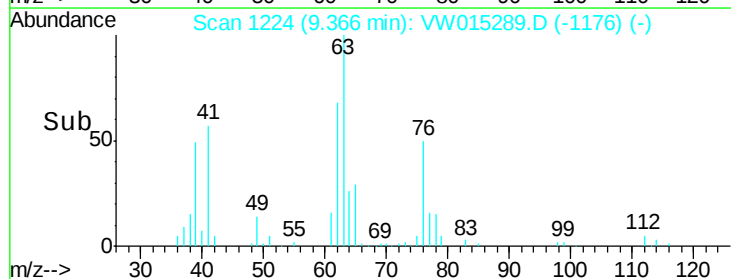
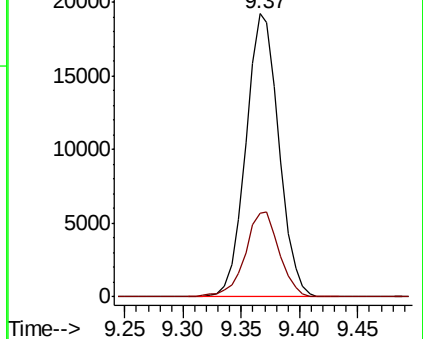
63 100

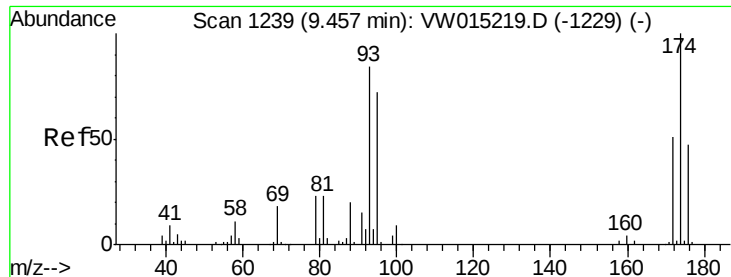
65 29.4 25.5 38.3



Abundance Ion 62.90 (62.60 to 63.60): VW

Ion 64.90 (64.60 to 65.60): VW

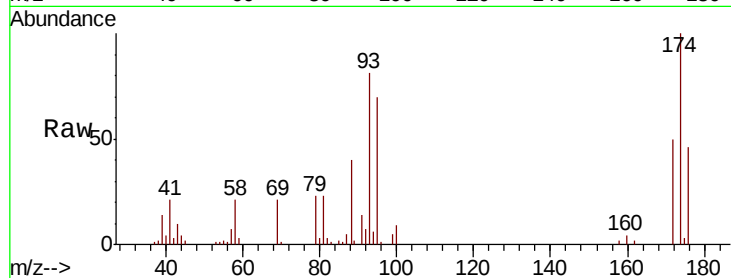




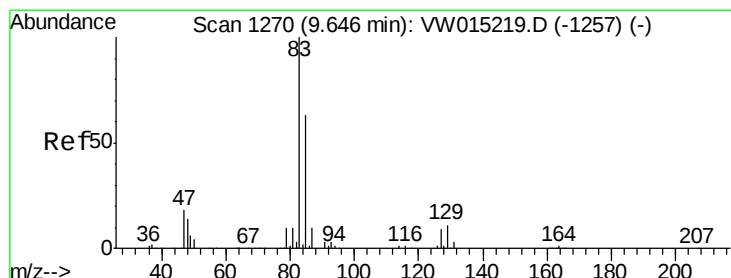
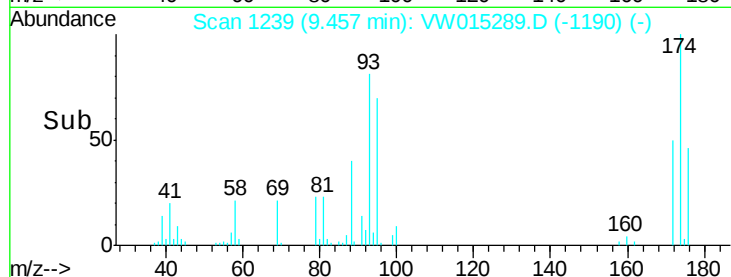
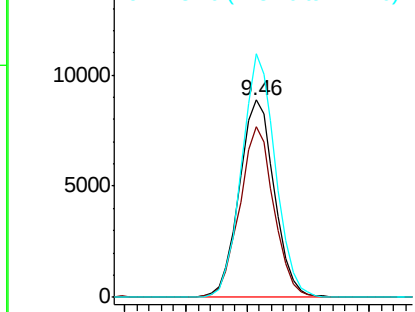
#46
Dibromomethane
Concen: 89.431 ug/l
RT: 9.46 min Scan# 1239
Delta R.T. 0.00 min
Lab File: VW015289.D
Acq: 22 Apr 2020 03:34

Instrument :
MSVOA_W
ClientSampled :

Tot Ion: 93 Resp: 17658
Ion Ratio Lower Upper
93 100
95 84.1 67.5 101.3
174 118.4 74.1 111.1#

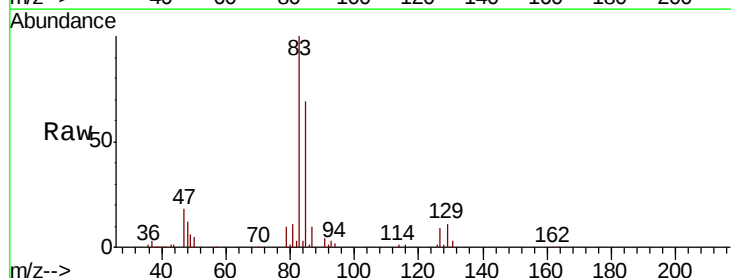


Abundance Ion 92.80 (92.50 to 93.50): VW
Ion 94.80 (94.50 to 95.50): VW
Ion 173.70 (173.40 to 174.40): V

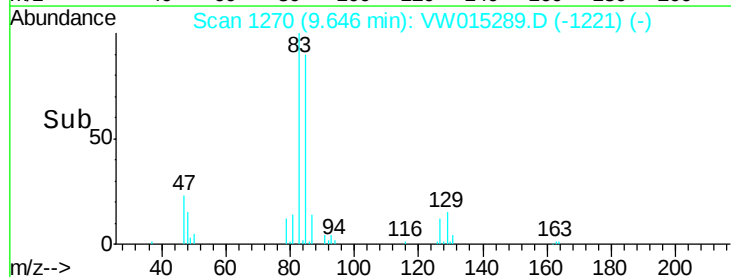
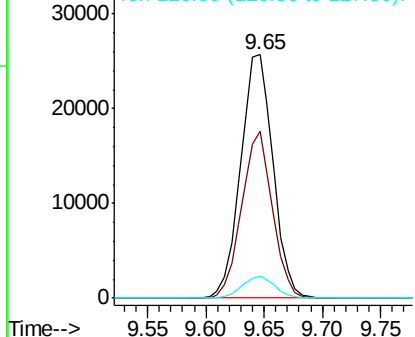


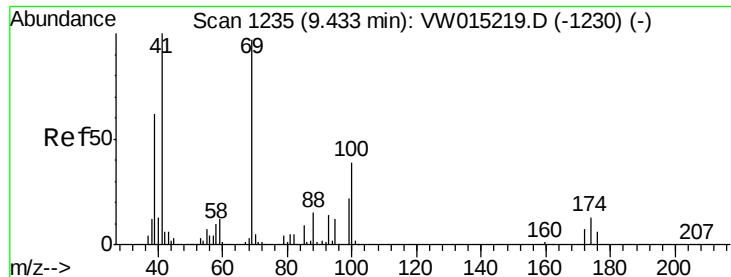
#47
Bromodichloromethane
Concen: 94.677 ug/l
RT: 9.65 min Scan# 1270
Delta R.T. 0.00 min
Lab File: VW015289.D
Acq: 22 Apr 2020 03:34

Tgt Ion: 83 Resp: 49973
Ion Ratio Lower Upper
83 100
85 68.5 50.6 76.0
127 9.1 6.7 10.1



Abundance Ion 82.90 (82.60 to 83.60): VW
Ion 84.90 (84.60 to 85.60): VW
Ion 126.80 (126.50 to 127.50): V

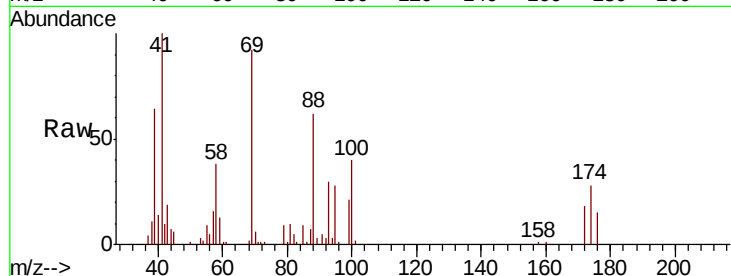




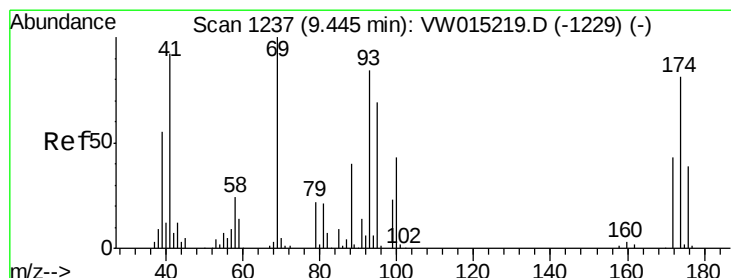
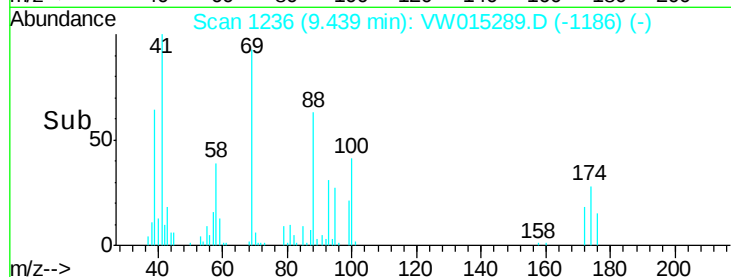
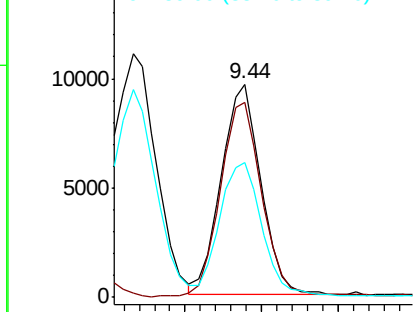
#48
Methvl methacrylate
Concen: 97.932 ug/l
RT: 9.44 min Scan# 1236
Delta R.T. 0.01 min
Lab File: VW015289.D
Acq: 22 Apr 2020 03:34

Instrument :
MSVOA_W
ClientSampled :

Tot Ion: 41 Resp: 17315
Ion Ratio Lower Upper
41 100
69 98.0 70.6 105.8
39 67.4 42.6 64.0#

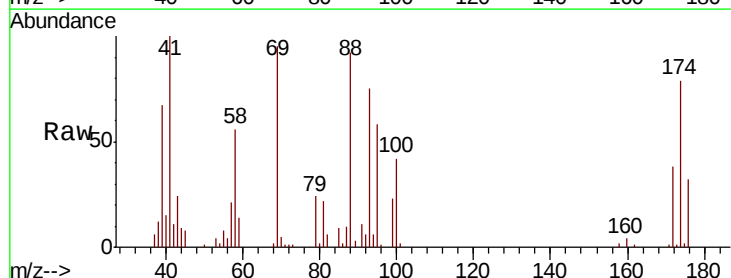


Abundance Ion 41.00 (40.70 to 41.70): VW
Ion 69.00 (68.70 to 69.70): VW
Ion 39.00 (38.70 to 39.70): VW

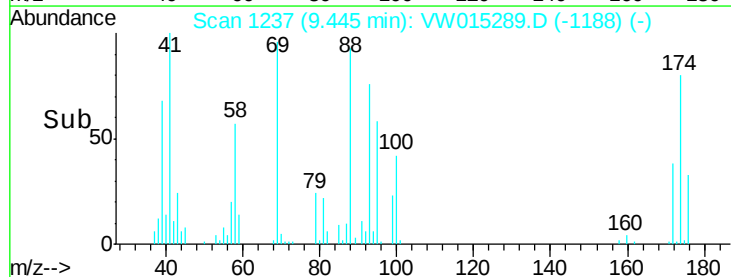
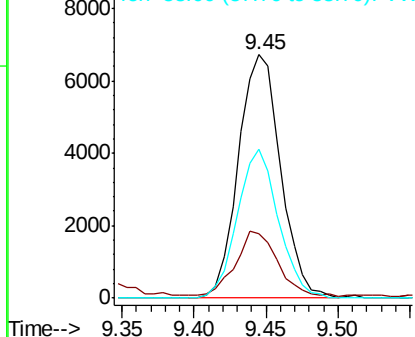


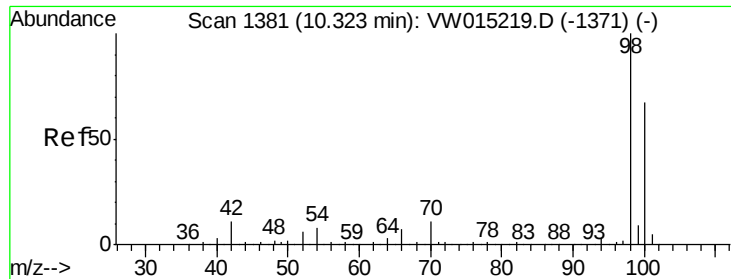
#49
1,4-Dioxane
Concen: 5184.622 ug/l
RT: 9.45 min Scan# 1237
Delta R.T. 0.00 min
Lab File: VW015289.D
Acq: 22 Apr 2020 03:34

Tgt Ion: 88 Resp: 13647
Ion Ratio Lower Upper
88 100
43 25.9 23.5 35.3
58 59.4 55.4 83.2



Abundance Ion 88.00 (87.70 to 88.70): VW
Ion 43.00 (42.70 to 43.70): VW
Ion 58.00 (57.70 to 58.70): VW





#50

Toluene-d8

Concen: 50.586 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. 0.00 min

Lab File: VW015289.D

Acq: 22 Apr 2020 03:34

Instrument :

MSVOA_W

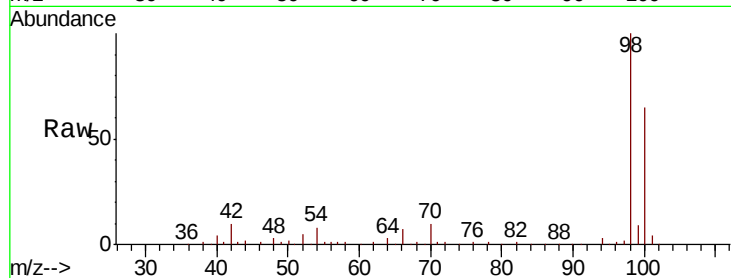
ClientSampled :

Tot Ion: 98 Resp: 71761

Ion Ratio Lower Upper

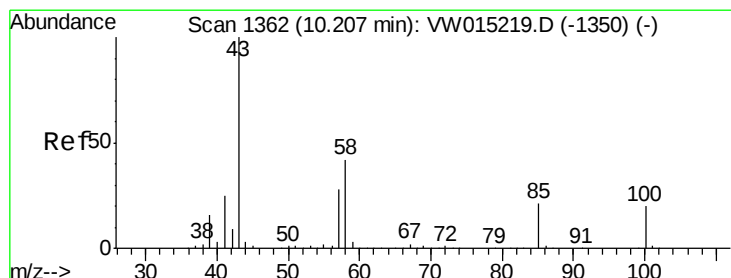
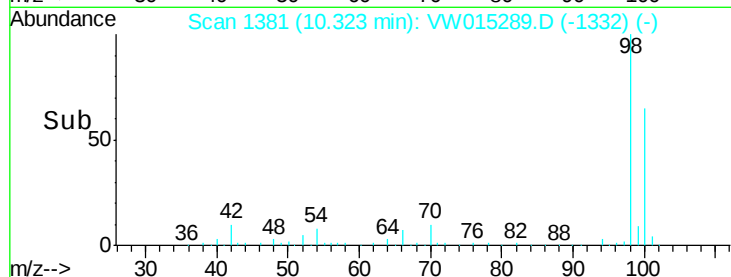
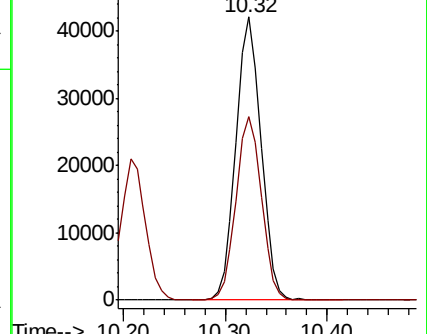
98 100

100 65.5 52.9 79.3



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW



#51

4-Methyl-2-Pentanone

Concen: 959.749 ug/l

RT: 10.21 min Scan# 1362

Delta R.T. 0.00 min

Lab File: VW015289.D

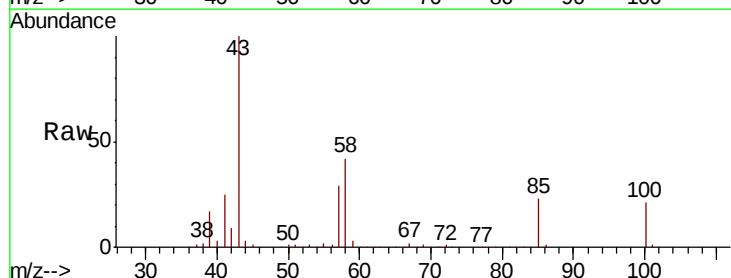
Acq: 22 Apr 2020 03:34

Tgt Ion: 43 Resp: 168504

Ion Ratio Lower Upper

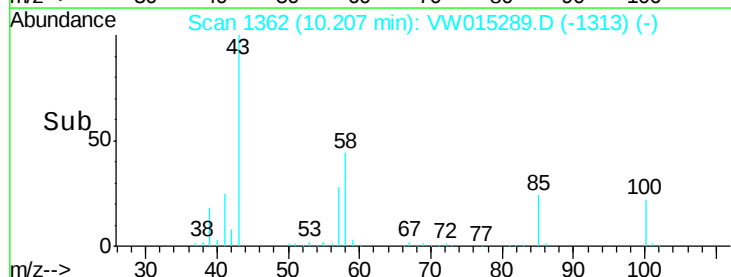
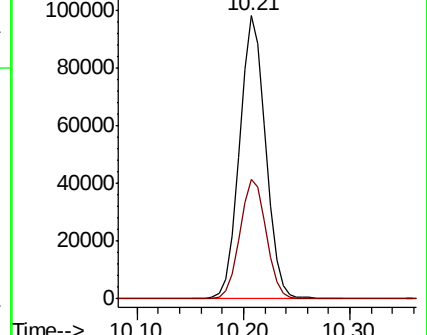
43 100

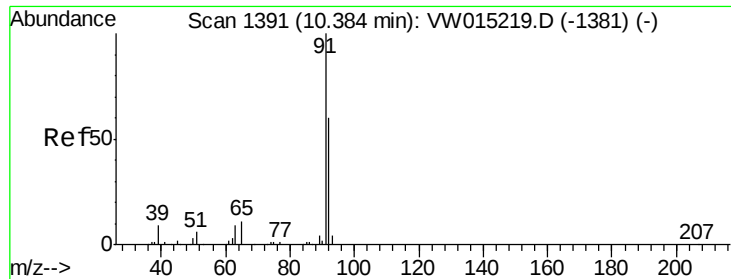
58 42.9 32.3 48.5



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW





#52

Toluene

Concen: 52.026 ug/l

RT: 10.39 min Scan# 1392

Delta R.T. 0.01 min

Lab File: VW015289.D

Acq: 22 Apr 2020 03:34

Instrument :

MSVOA_W

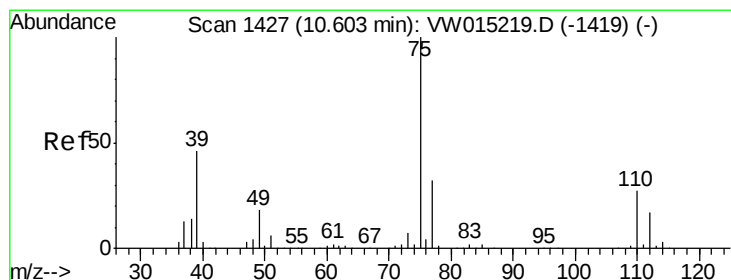
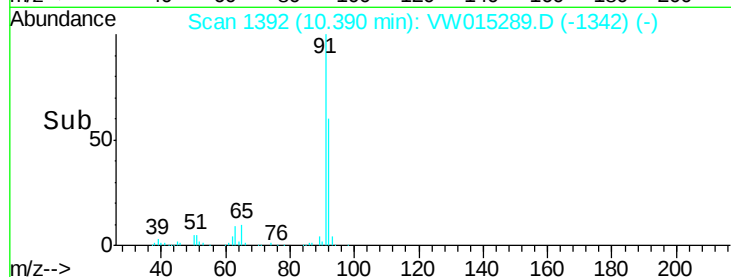
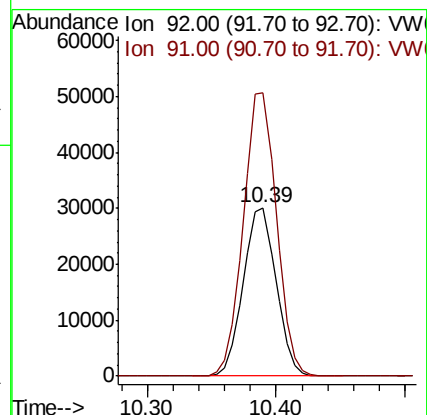
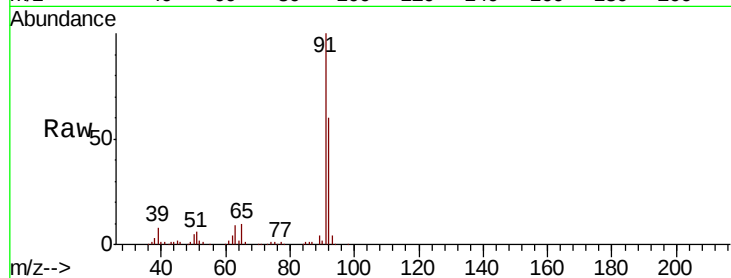
ClientSampleId :

Tot Ion: 92 Resp: 53443

Ion Ratio Lower Upper

92 100

91 169.0 137.1 205.7



#53

t-1,3-Dichloropropene

Concen: 25.410 ug/l

RT: 10.60 min Scan# 1427

Delta R.T. 0.00 min

Lab File: VW015289.D

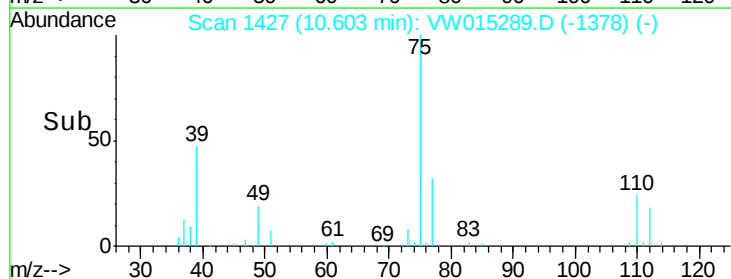
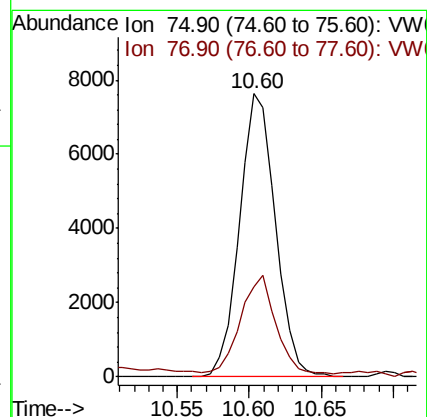
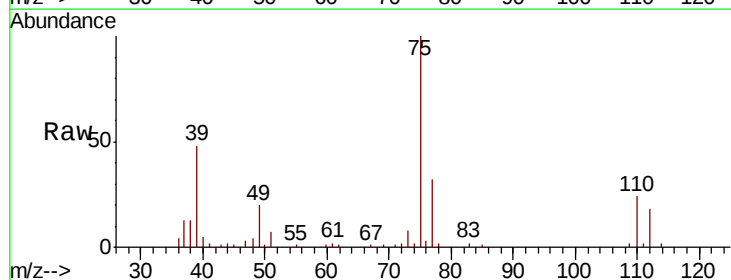
Acq: 22 Apr 2020 03:34

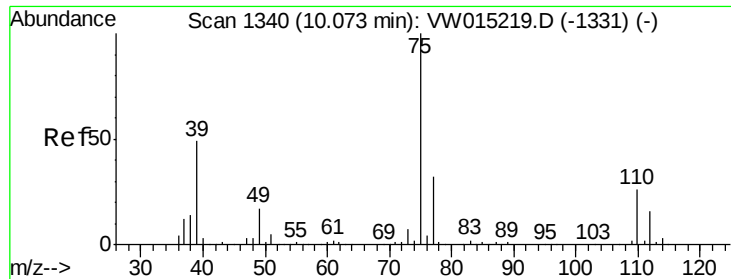
Tgt Ion: 75 Resp: 13225

Ion Ratio Lower Upper

75 100

77 30.7 25.5 38.3

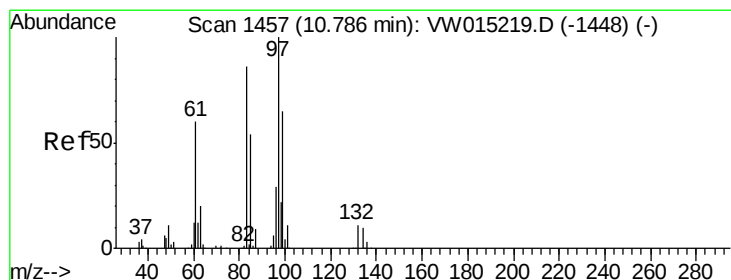
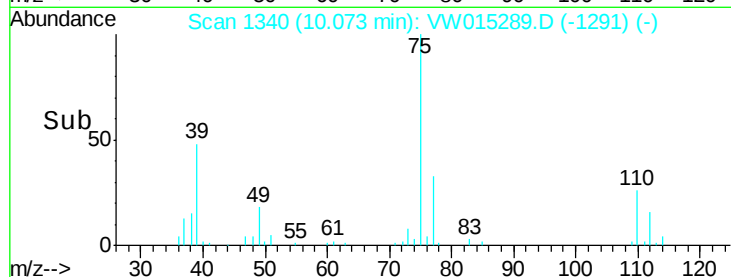
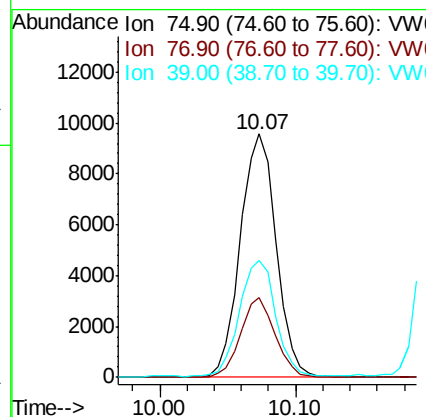
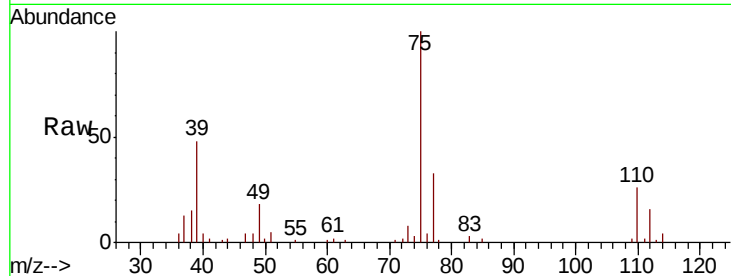




#54
 cis-1,3-Dichloropropene
 Concen: 29.074 ug/l
 RT: 10.07 min Scan# 1340
 Delta R.T. 0.00 min
 Lab File: VW015289.D
 Acq: 22 Apr 2020 03:34

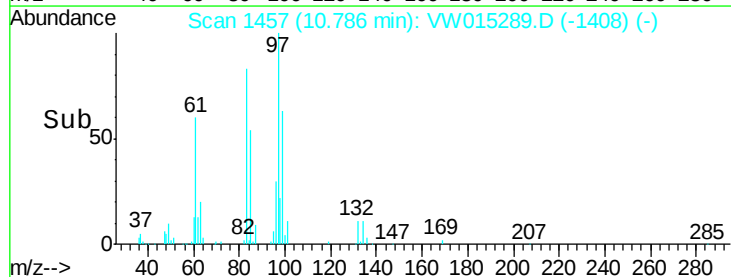
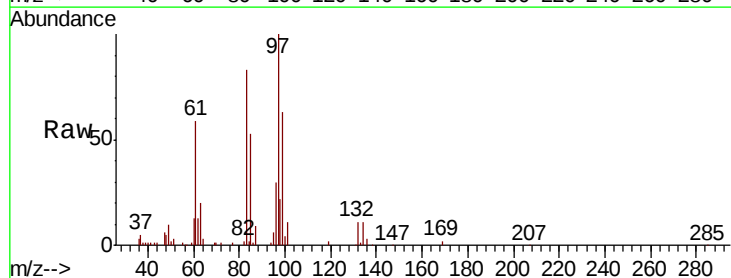
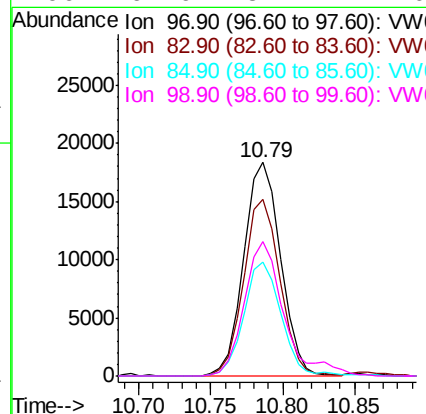
Instrument :
 MSVOA_W
 ClientSampleId :

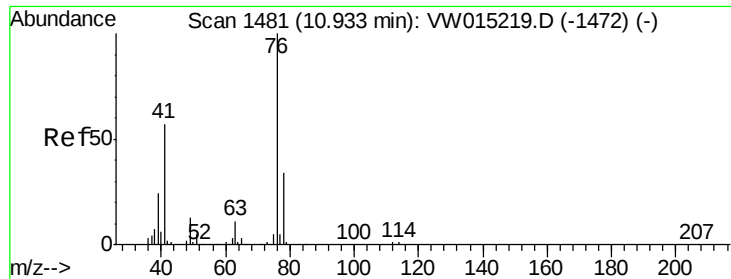
Tot Ion: 75 Resp: 17588
 Ion Ratio Lower Upper
 75 100
 77 32.9 26.6 39.8
 39 47.5 37.8 56.6



#55
 1,1,2-Trichloroethane
 Concen: 118.212 ug/l
 RT: 10.79 min Scan# 1457
 Delta R.T. 0.00 min
 Lab File: VW015289.D
 Acq: 22 Apr 2020 03:34

Tgt Ion: 97 Resp: 32683
 Ion Ratio Lower Upper
 97 100
 83 82.7 67.3 100.9
 85 53.3 43.8 65.8
 99 62.9 51.4 77.0

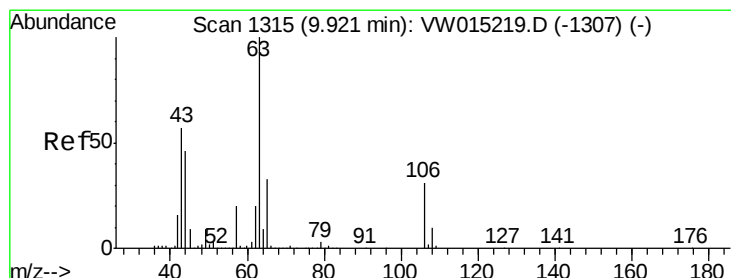
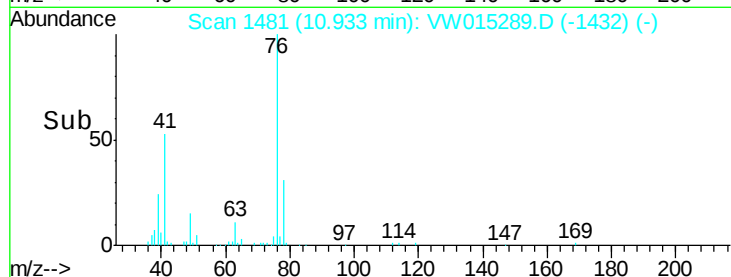
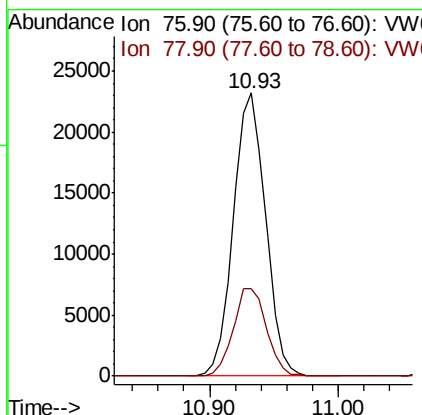
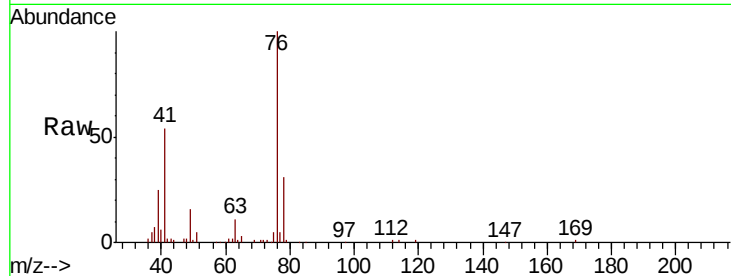




#57
 1,3-Dichloropropane
 Concen: 88.153 ug/l
 RT: 10.93 min Scan# 1481
 Delta R.T. 0.00 min
 Lab File: VW015289.D
 Acq: 22 Apr 2020 03:34

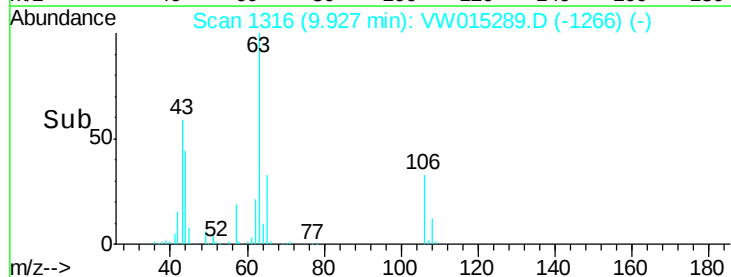
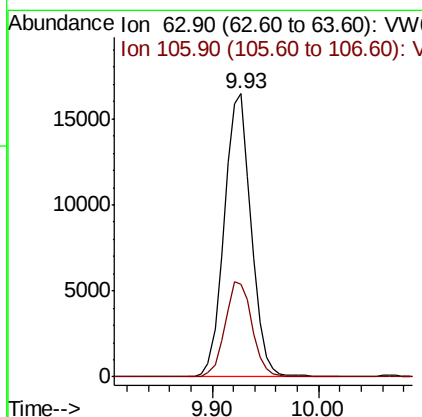
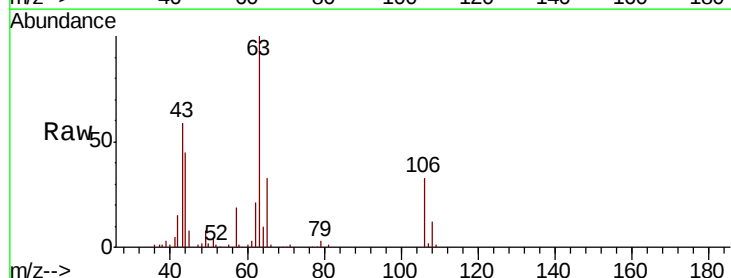
Instrument :
 MSVOA_W
 ClientSampled :

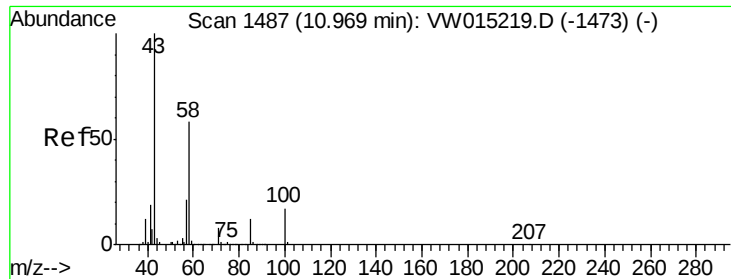
Tot Ion: 76 Resp: 40373
 Ion Ratio Lower Upper
 76 100
 78 32.0 26.2 39.4



#58
 2-Chloroethyl Vinyl ether
 Concen: 176.456 ug/l
 RT: 9.93 min Scan# 1316
 Delta R.T. 0.01 min
 Lab File: VW015289.D
 Acq: 22 Apr 2020 03:34

Tgt Ion: 63 Resp: 29138
 Ion Ratio Lower Upper
 63 100
 106 33.5 22.6 33.8





#59

2-Hexanone

Concen: 509.866 ug/l

RT: 10.97 min Scan# 1487

Delta R.T. 0.00 min

Lab File: VW015289.D

Acq: 22 Apr 2020 03:34

Instrument :

MSVOA_W

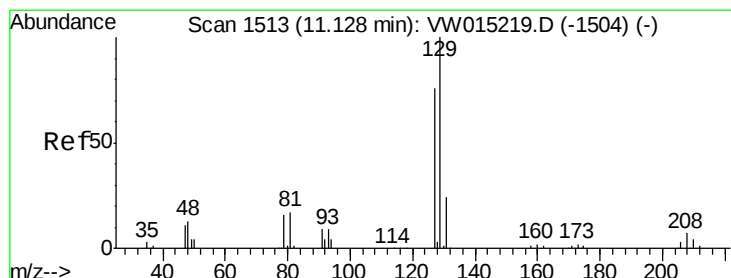
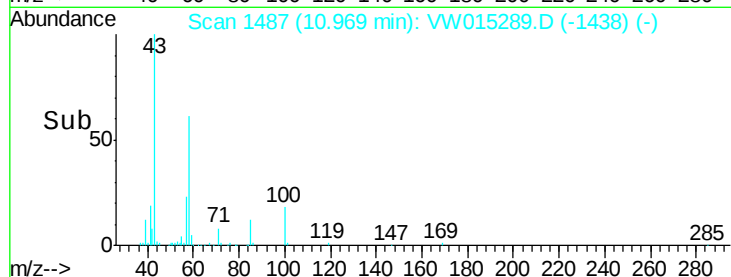
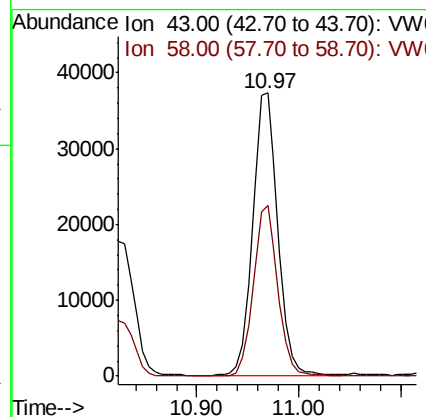
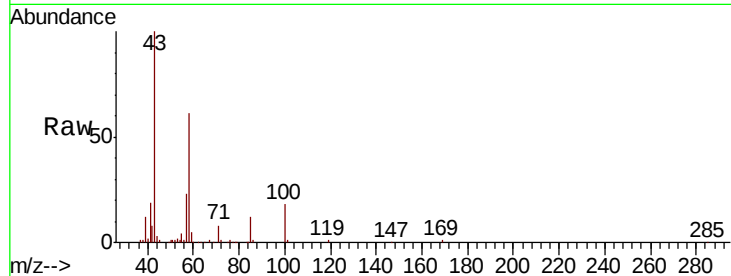
ClientSampleId :

Tot Ion: 43 Resp: 63901

Ion Ratio Lower Upper

43 100

58 59.0 28.1 84.3



#60

Dibromochloromethane

Concen: 87.175 ug/l

RT: 11.12 min Scan# 1512

Delta R.T. -0.01 min

Lab File: VW015289.D

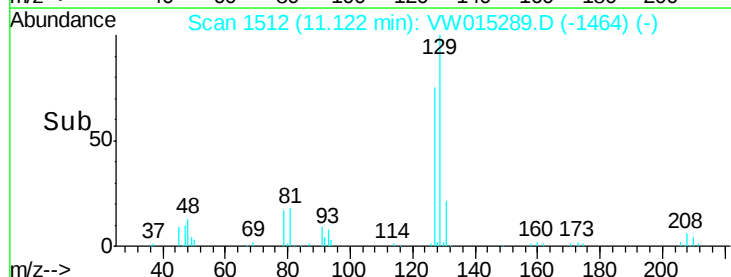
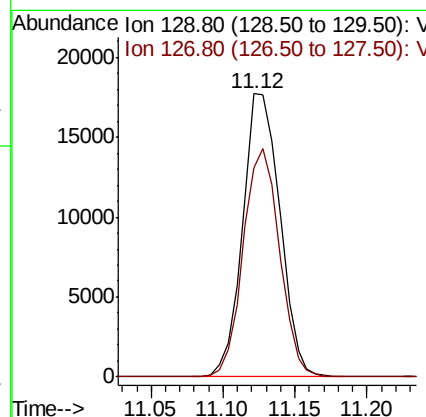
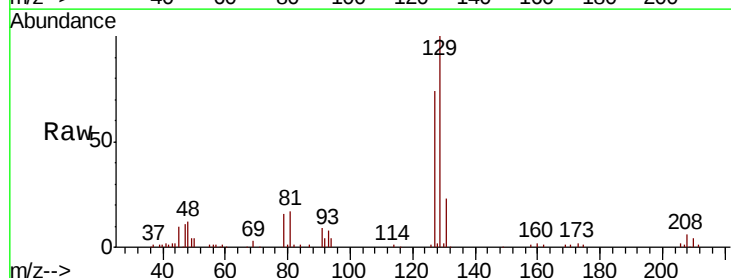
Acq: 22 Apr 2020 03:34

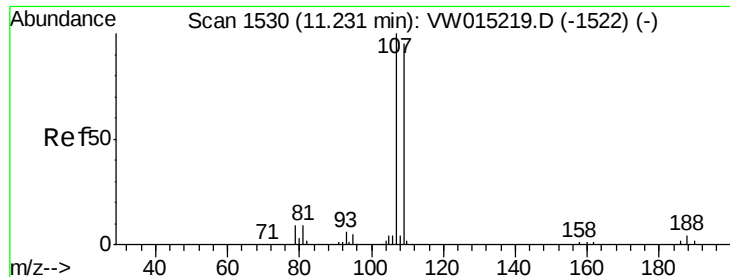
Tgt Ion: 129 Resp: 31823

Ion Ratio Lower Upper

129 100

127 78.5 38.3 114.8

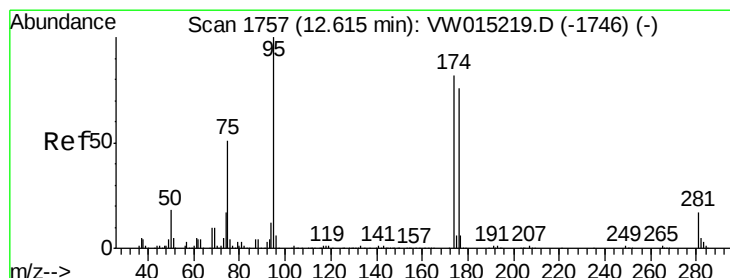
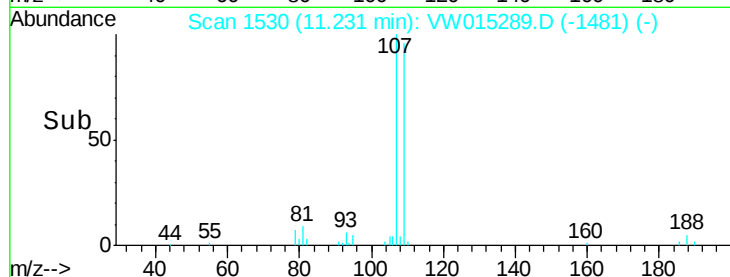
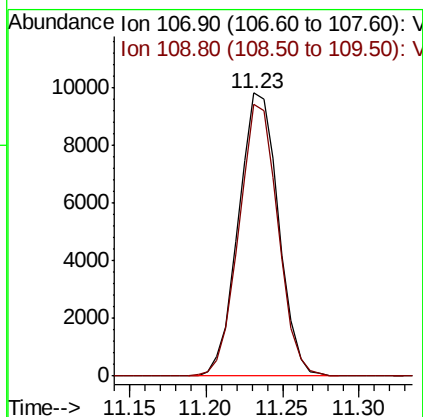
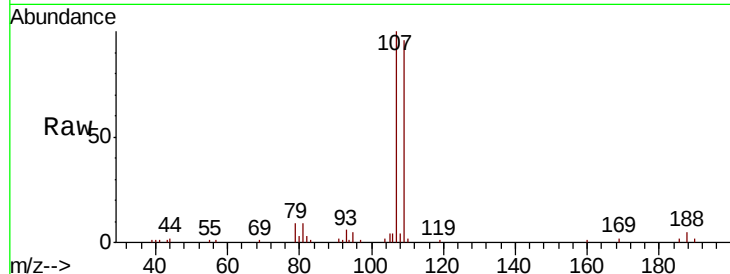




#61
1,2-Dibromoethane
Concen: 66.028 ug/l
RT: 11.23 min Scan# 1530
Delta R.T. 0.00 min
Lab File: VW015289.D
Acq: 22 Apr 2020 03:34

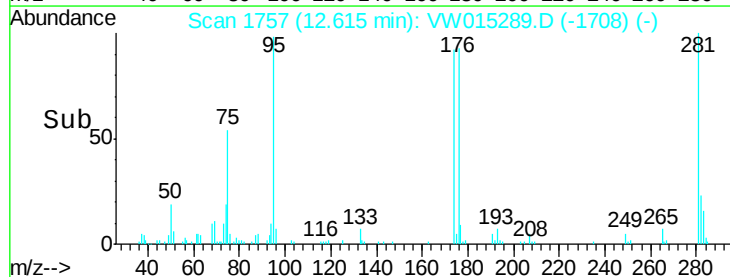
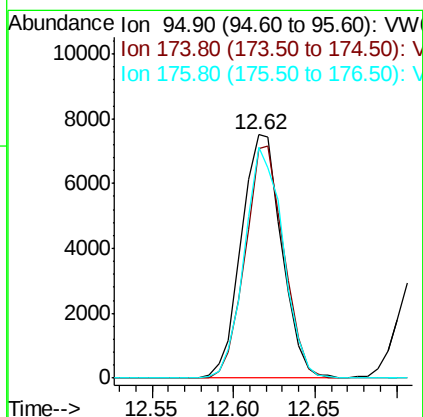
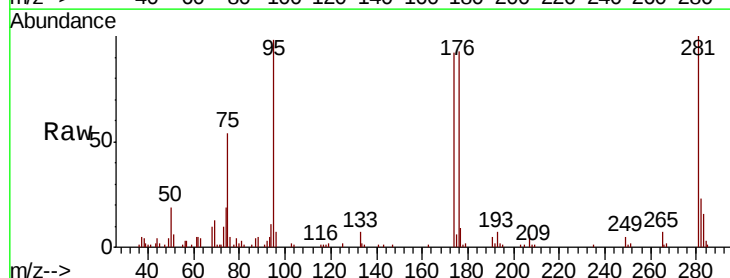
Instrument :
MSVOA_W
ClientSampled :

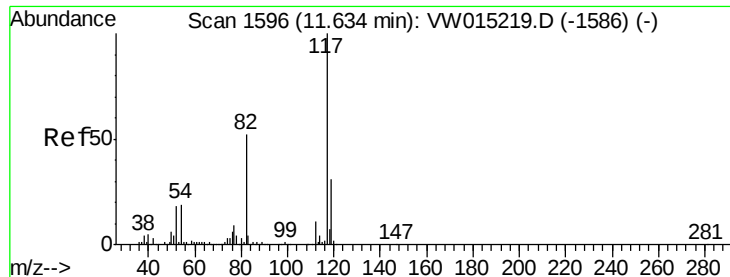
Tot Ion: 107 Resp: 17813
Ion Ratio Lower Upper
107 100
109 94.0 74.3 111.5



#62
4-Bromofluorobenzene
Concen: 23.955 ug/l
RT: 12.62 min Scan# 1757
Delta R.T. 0.00 min
Lab File: VW015289.D
Acq: 22 Apr 2020 03:34

Tgt Ion: 95 Resp: 12966
Ion Ratio Lower Upper
95 100
174 90.4 0.0 144.4
176 90.5 0.0 140.6

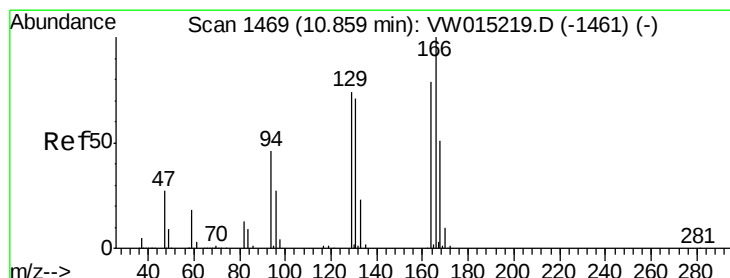
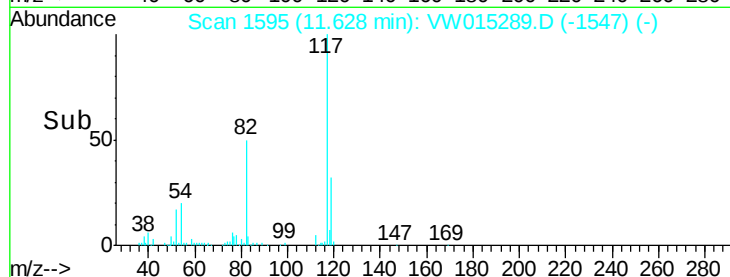
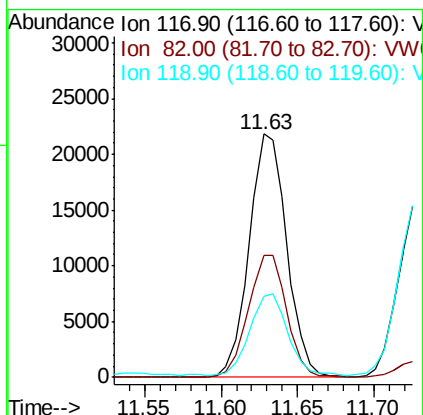
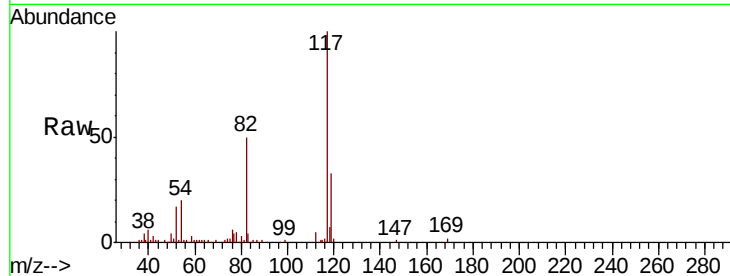




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1595
Delta R.T. -0.01 min
Lab File: VW015289.D
Acq: 22 Apr 2020 03:34

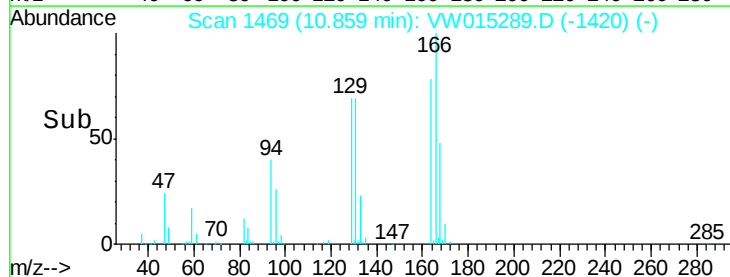
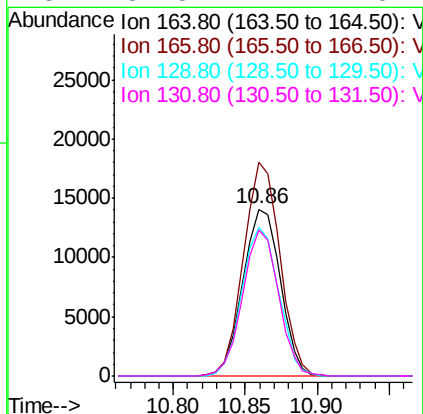
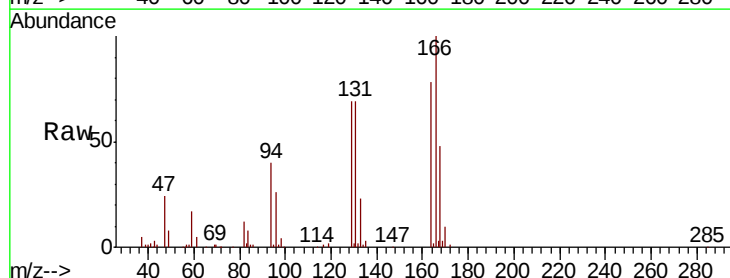
Instrument :
MSVOA_W
ClientSampleId :

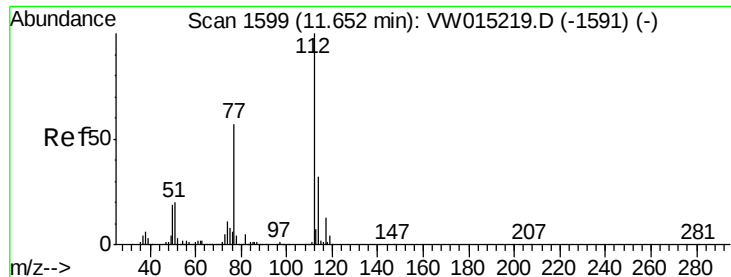
Tot Ion:117 Resp: 37249
Ion Ratio Lower Upper
117 100
82 50.3 44.1 66.1
119 32.3 24.9 37.3



#64
Tetrachloroethene
Concen: 95.423 ug/l
RT: 10.86 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VW015289.D
Acq: 22 Apr 2020 03:34

Tgt Ion:164 Resp: 25368
Ion Ratio Lower Upper
164 100
166 128.0 102.6 154.0
129 88.9 80.2 120.2
131 87.8 77.4 116.2

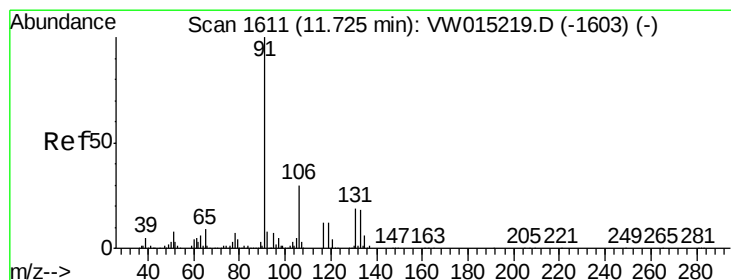
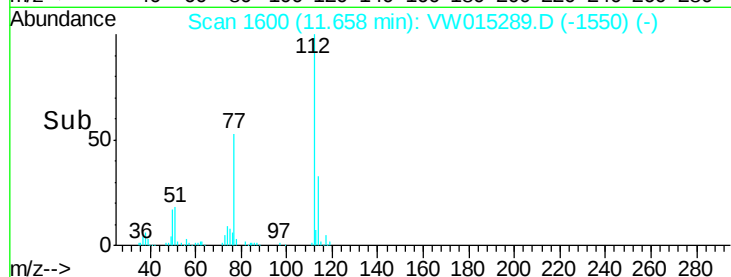
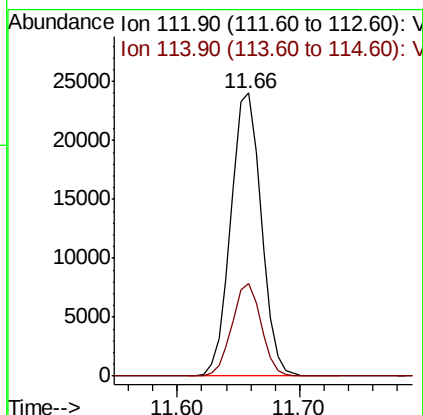
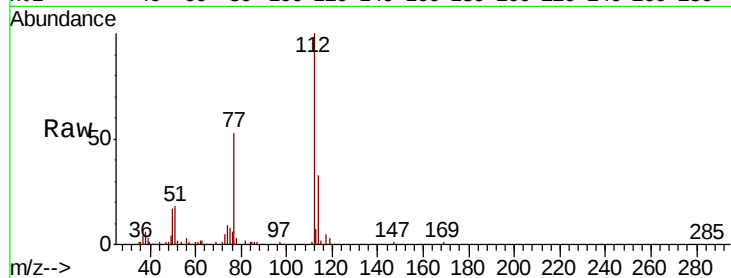




#65
Chlorobenzene
Concen: 56.546 ug/l
RT: 11.66 min Scan# 1600
Delta R.T. 0.01 min
Lab File: VW015289.D
Acq: 22 Apr 2020 03:34

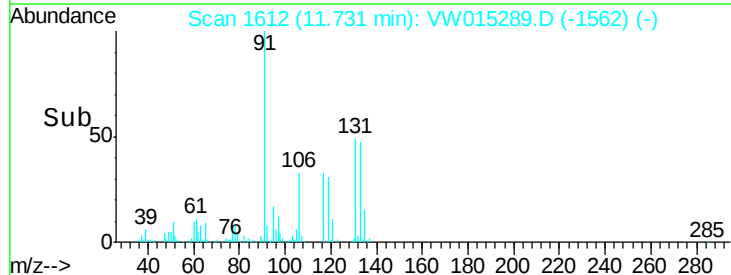
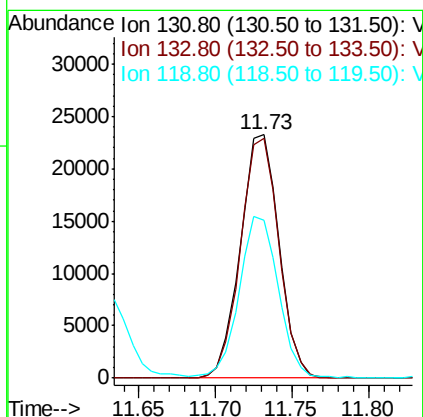
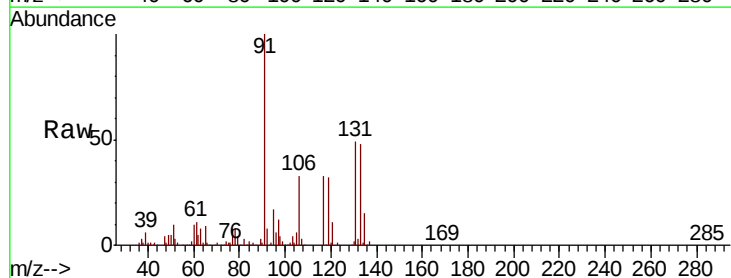
Instrument :
MSVOA_W
ClientSampleId :

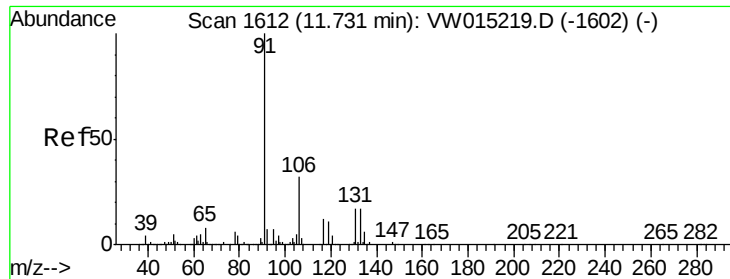
Tot Ion:112 Resp: 41331
Ion Ratio Lower Upper
112 100
114 32.5 25.8 38.6



#66
1,1,1,2-Tetrachloroethane
Concen: 155.218 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. 0.01 min
Lab File: VW015289.D
Acq: 22 Apr 2020 03:34

Tgt Ion:131 Resp: 40777
Ion Ratio Lower Upper
131 100
133 98.0 47.7 143.1
119 67.7 34.0 101.8

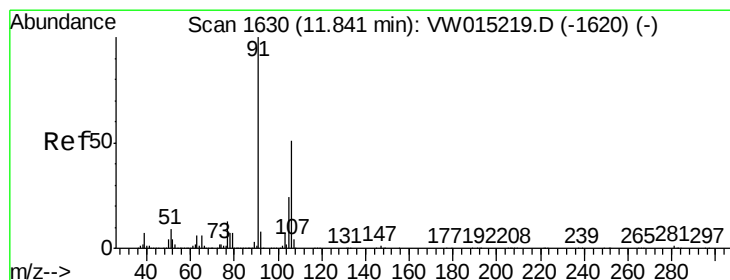
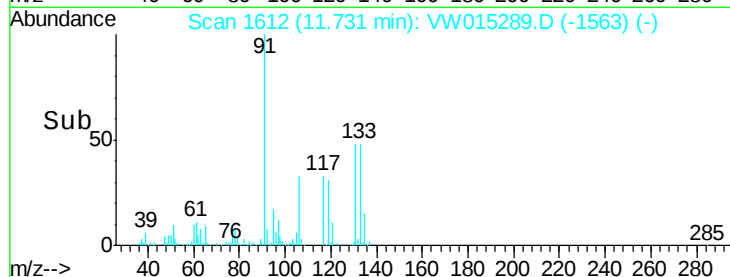
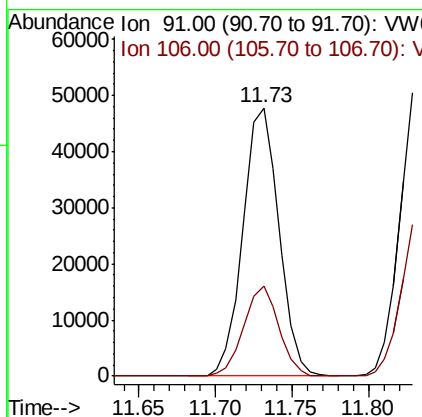
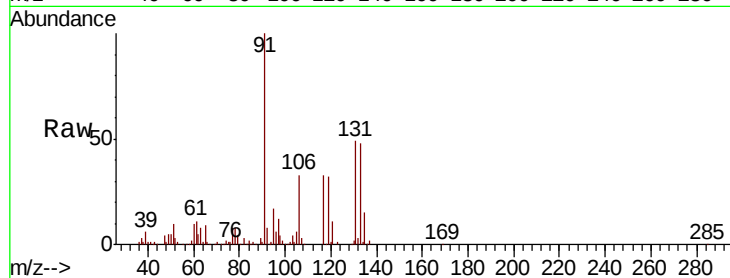




#67
Ethyl Benzene
Concen: 57.358 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. 0.00 min
Lab File: VW015289.D
Acq: 22 Apr 2020 03:34

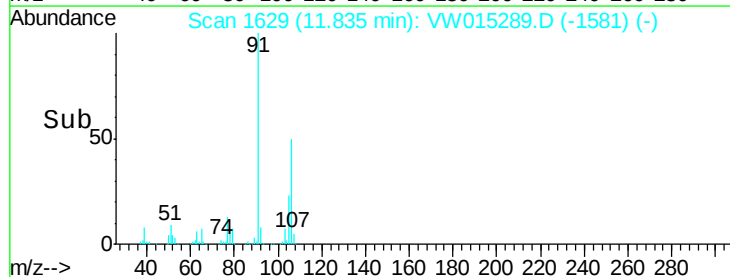
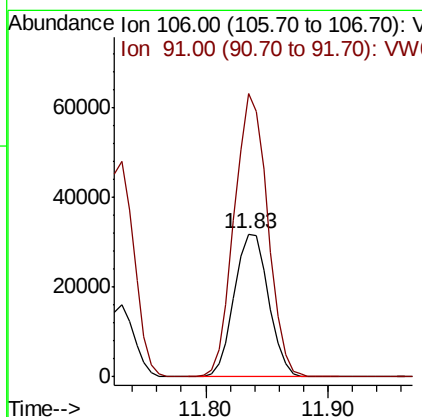
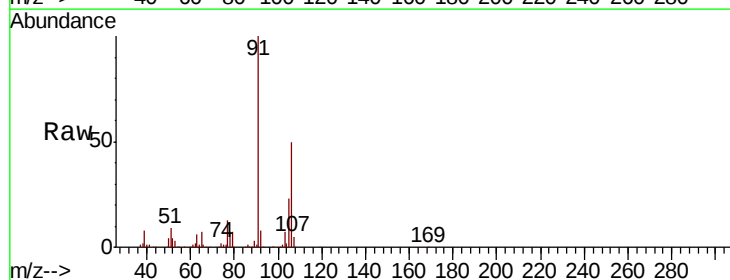
Instrument :
MSVOA_W
ClientSampleId :

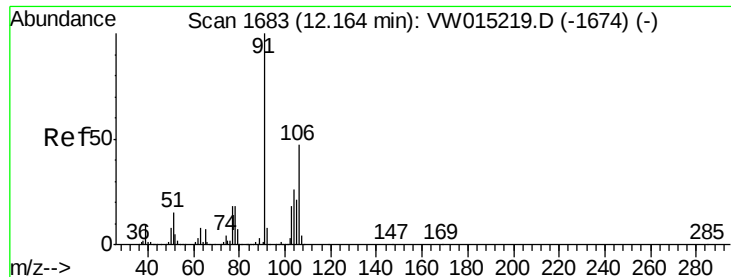
Tot Ion: 91 Resp: 78184
Ion Ratio Lower Upper
91 100
106 33.5 25.7 38.5



#68
m/p-Xylenes
Concen: 115.806 ug/l
RT: 11.83 min Scan# 1629
Delta R.T. -0.01 min
Lab File: VW015289.D
Acq: 22 Apr 2020 03:34

Tgt Ion: 106 Resp: 61875
Ion Ratio Lower Upper
106 100
91 193.4 160.0 240.0

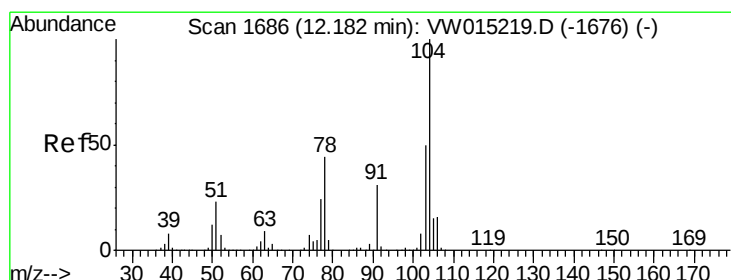
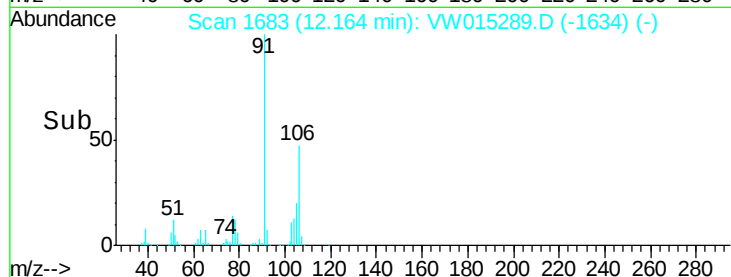
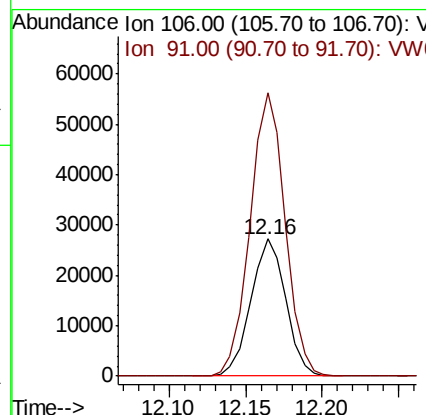
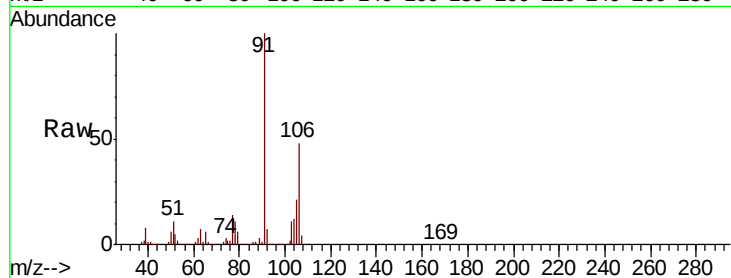




#69
o-Xylene
Concen: 86.445 ug/l
RT: 12.16 min Scan# 1683
Delta R.T. 0.00 min
Lab File: VW015289.D
Acq: 22 Apr 2020 03:34

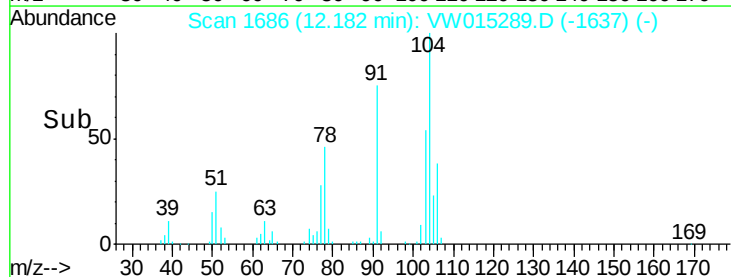
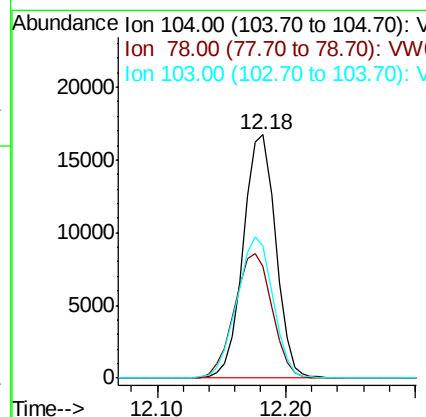
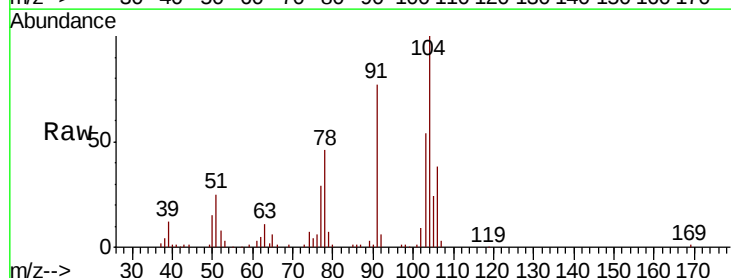
Instrument :
MSVOA_W
ClientSampleId :

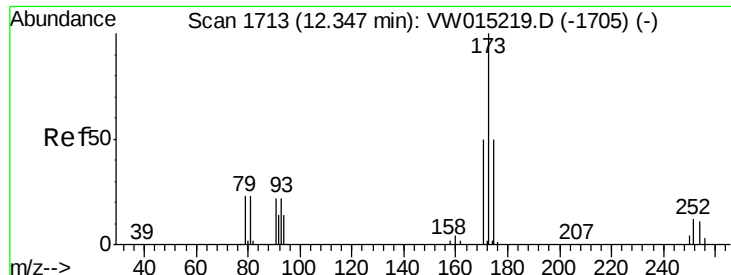
Tot Ion:106 Resp: 43111
Ion Ratio Lower Upper
106 100
91 207.4 105.7 317.1



#70
Styrene
Concen: 34.270 ug/l
RT: 12.18 min Scan# 1686
Delta R.T. 0.00 min
Lab File: VW015289.D
Acq: 22 Apr 2020 03:34

Tgt Ion:104 Resp: 29133
Ion Ratio Lower Upper
104 100
78 59.5 39.8 59.6
103 64.9 43.8 65.6





#71

Bromoform

Concen: 122.575 ug/l

RT: 12.35 min Scan# 1713

Delta R.T. 0.00 min

Lab File: VW015289.D

Acq: 22 Apr 2020 03:34

Instrument :

MSVOA_W

ClientSampled :

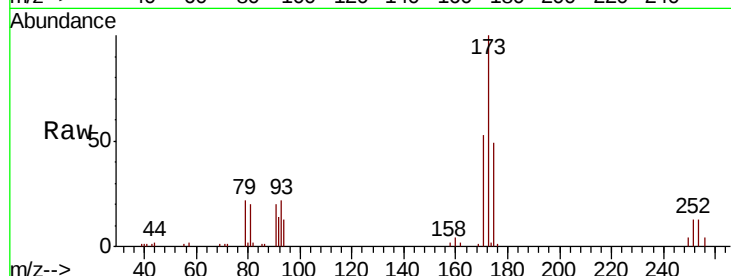
Tot Ion:173 Resp: 18144

Ion Ratio Lower Upper

173 100

175 46.8 25.1 75.4

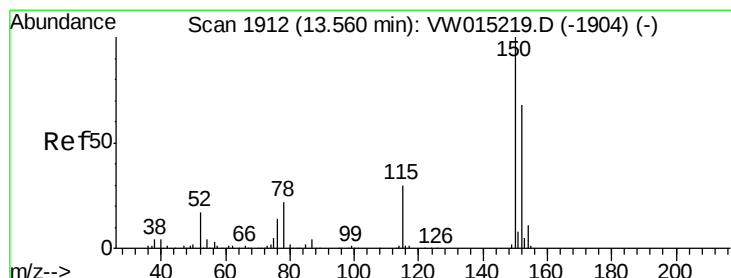
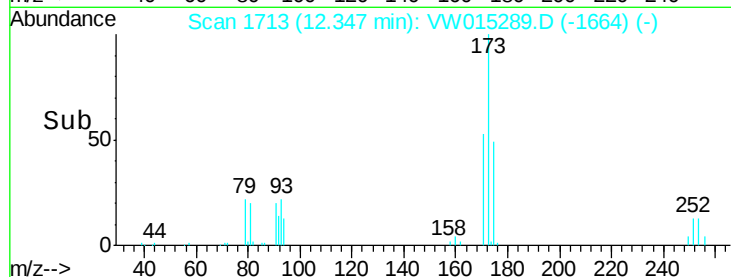
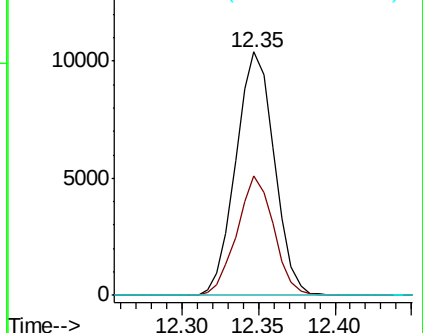
254 0.0 0.1 0.1#



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.56 min Scan# 1912

Delta R.T. 0.00 min

Lab File: VW015289.D

Acq: 22 Apr 2020 03:34

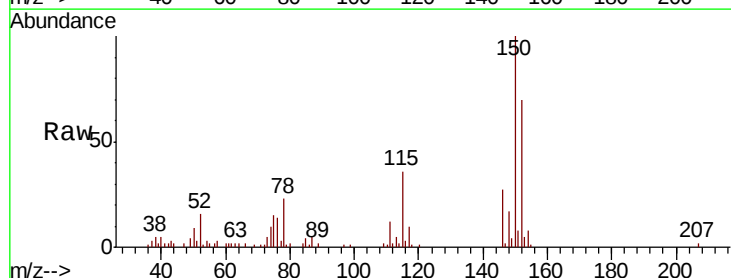
Tgt Ion:152 Resp: 8098

Ion Ratio Lower Upper

152 100

115 57.1 31.3 93.9

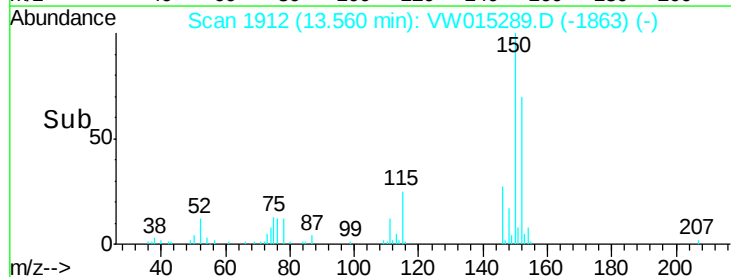
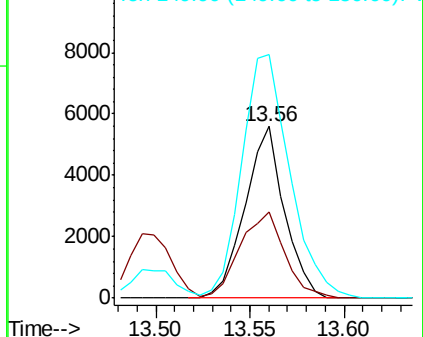
150 173.5 0.0 343.4

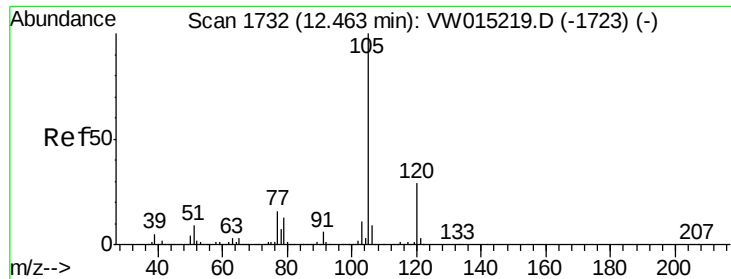


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 154.396 ug/l

RT: 12.46 min Scan# 1732

Delta R.T. 0.00 min

Lab File: VW015289.D

Acq: 22 Apr 2020 03:34

Instrument :

MSVOA_W

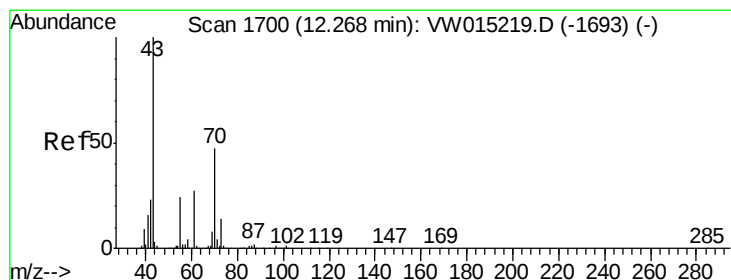
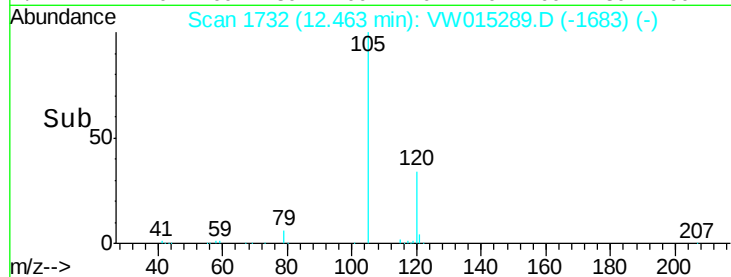
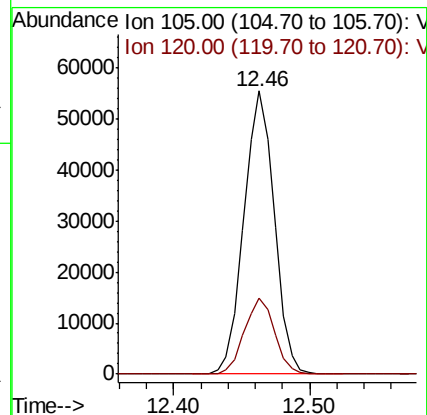
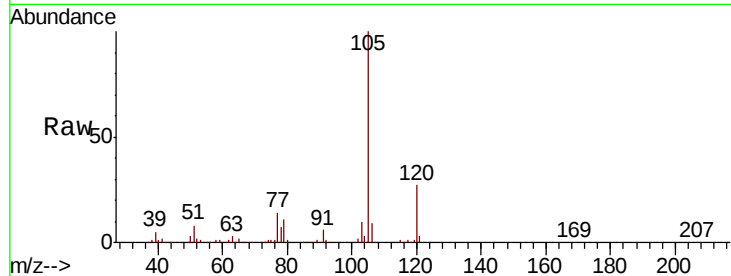
ClientSampled :

Tot Ion:105 Resp: 86689

Ion Ratio Lower Upper

105 100

120 26.7 13.7 41.1



#74

N-ethyl acetate

Concen: 5.887 ug/l

RT: 12.24 min Scan# 1696

Delta R.T. -0.02 min

Lab File: VW015289.D

Acq: 22 Apr 2020 03:34

Tgt Ion: 43 Resp: 575

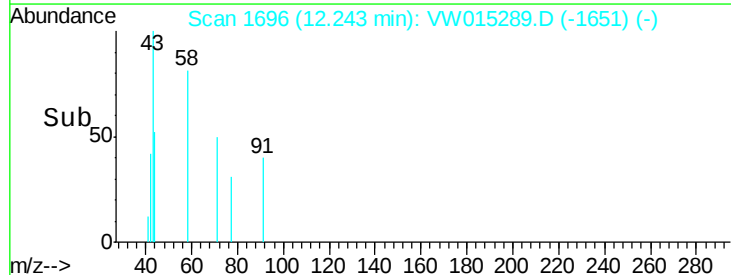
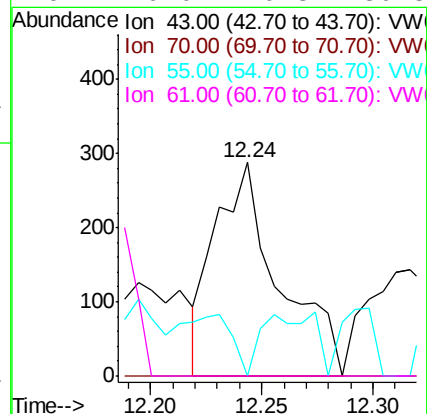
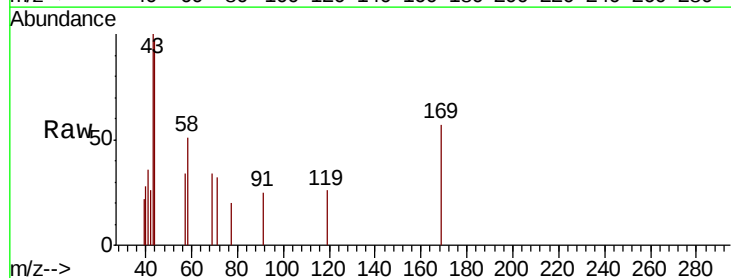
Ion Ratio Lower Upper

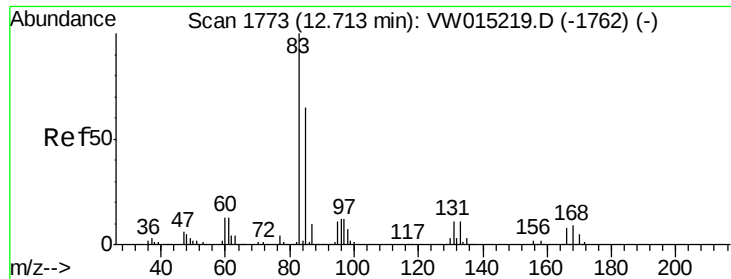
43 100

70 0.0 35.4 53.2#

55 18.3 18.5 27.7#

61 0.0 20.3 30.5#





#75

1,1,2,2-Tetrachloroethane

Concen: 403.834 ug/l

RT: 12.71 min Scan# 1773

Delta R.T. 0.00 min

Lab File: VW015289.D

Acq: 22 Apr 2020 03:34

Instrument :

MSVOA_W

ClientSampleId :

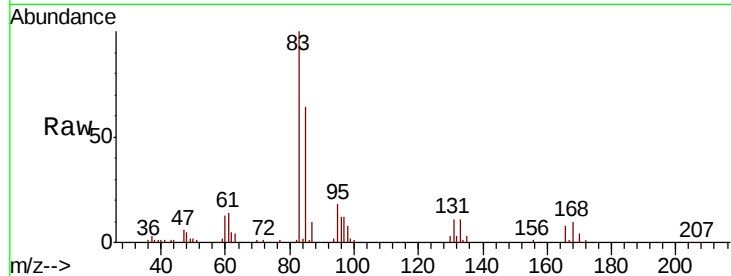
Tot Ion: 83 Resp: 32193

Ion Ratio Lower Upper

83 100

131 11.4 5.1 15.2

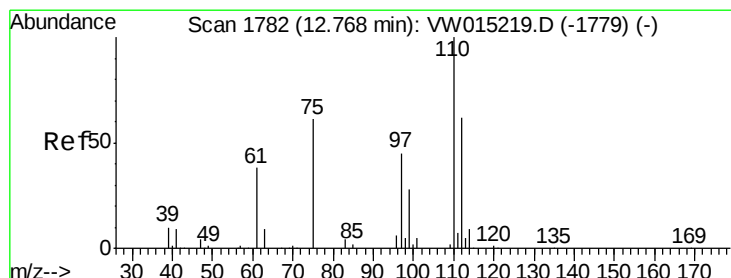
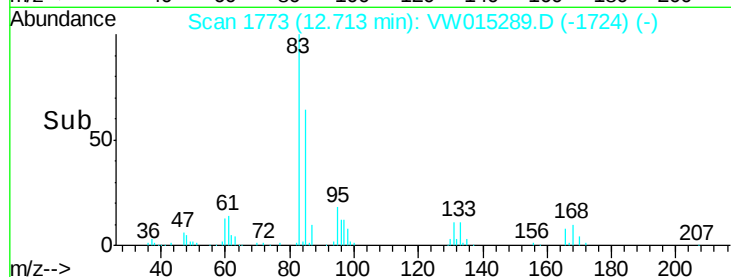
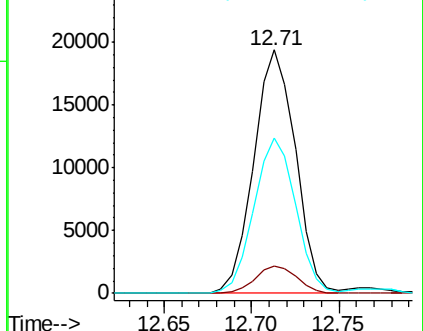
85 63.6 32.3 96.8



Abundance Ion 82.90 (82.60 to 83.60): VW

Ion 130.80 (130.50 to 131.50): VW

Ion 84.90 (84.60 to 85.60): VW



#76

1,2,3-Trichloropropane

Concen: 446.280 ug/l

RT: 12.77 min Scan# 1782

Delta R.T. 0.00 min

Lab File: VW015289.D

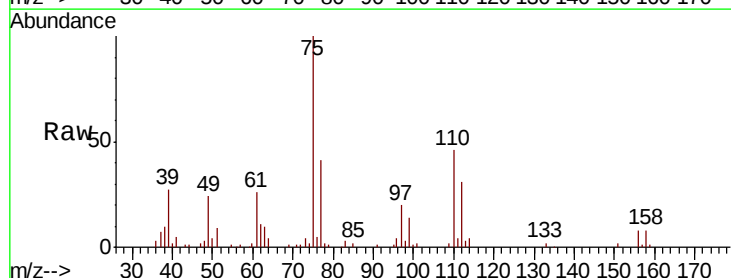
Acq: 22 Apr 2020 03:34

Tgt Ion: 75 Resp: 27958

Ion Ratio Lower Upper

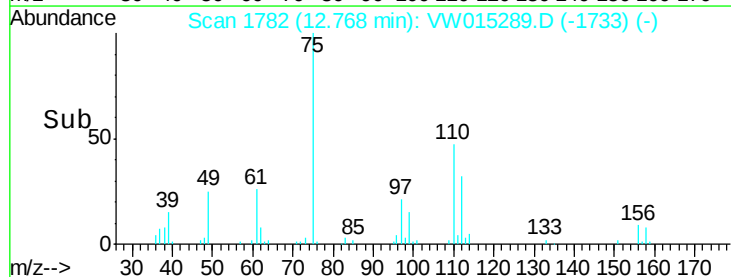
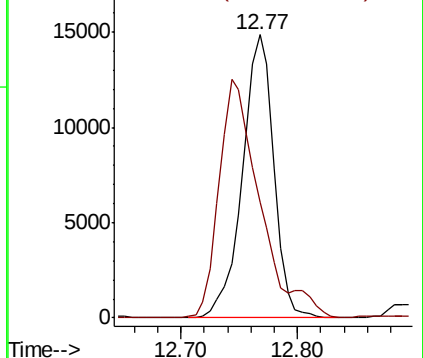
75 100

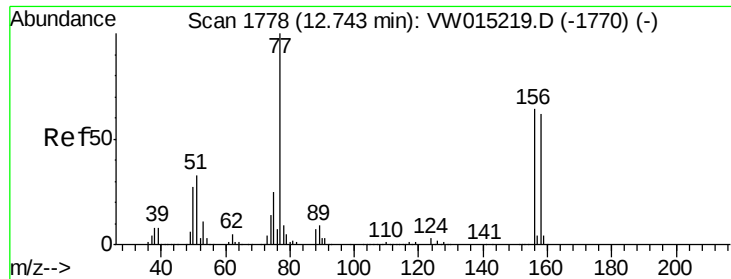
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 77.00 (76.70 to 77.70): VW





#77

Bromobenzene

Concen: 113.917 ug/l

RT: 12.75 min Scan# 1779

Delta R.T. 0.01 min

Lab File: VW015289.D

Acq: 22 Apr 2020 03:34

Instrument :

MSVOA_W

ClientSampleId :

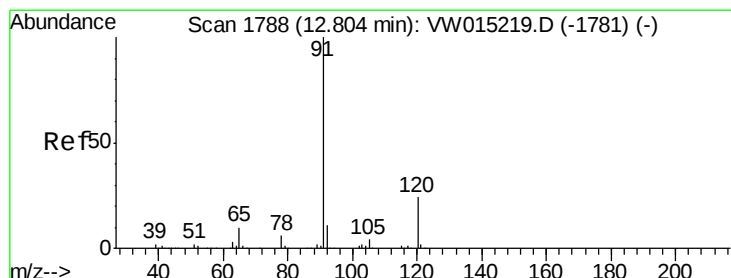
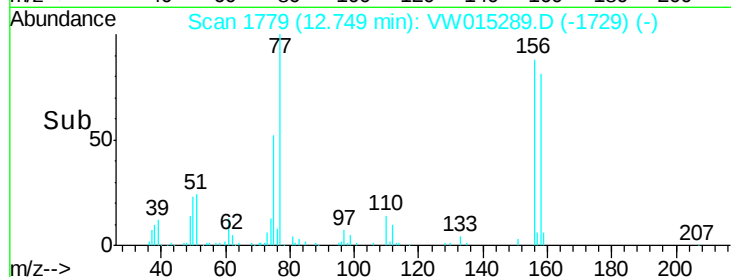
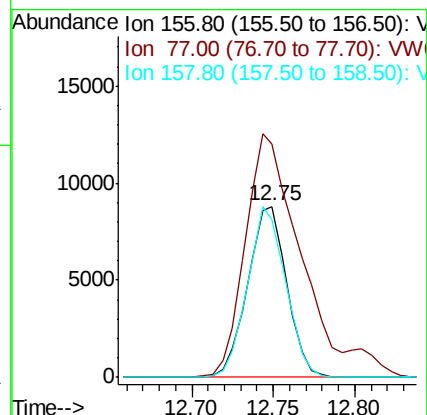
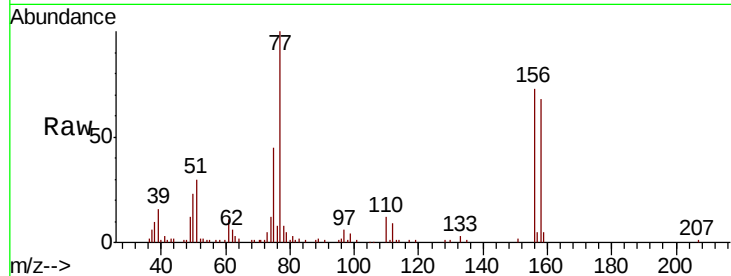
Tot Ion:156 Resp: 14695

Ion Ratio Lower Upper

156 100

77 206.8 100.5 301.5

158 97.1 47.9 143.8



#78

n-propylbenzene

Concen: 81.633 ug/l

RT: 12.80 min Scan# 1788

Delta R.T. 0.00 min

Lab File: VW015289.D

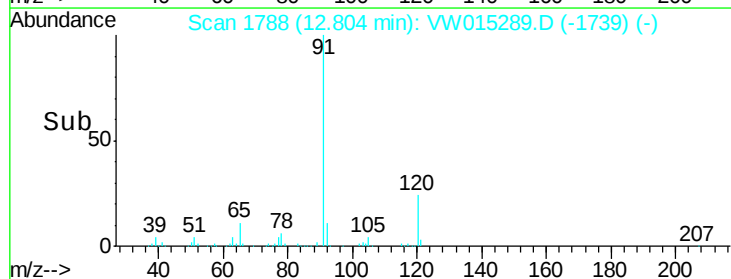
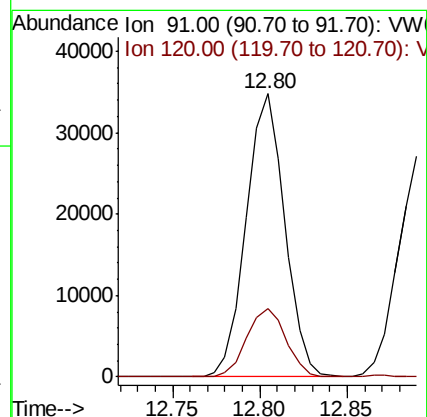
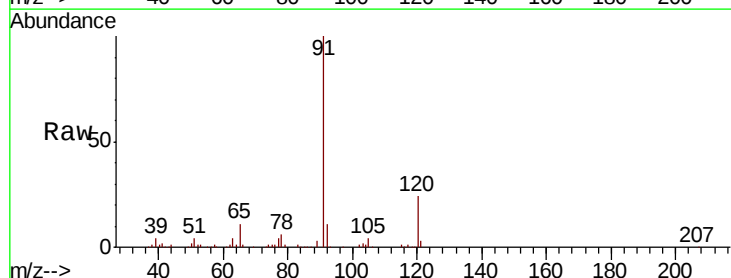
Acq: 22 Apr 2020 03:34

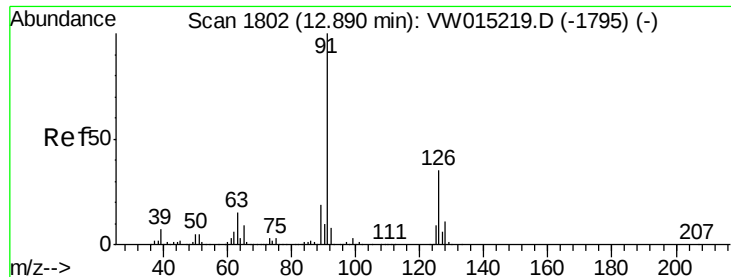
Tgt Ion: 91 Resp: 53366

Ion Ratio Lower Upper

91 100

120 24.6 11.4 34.1

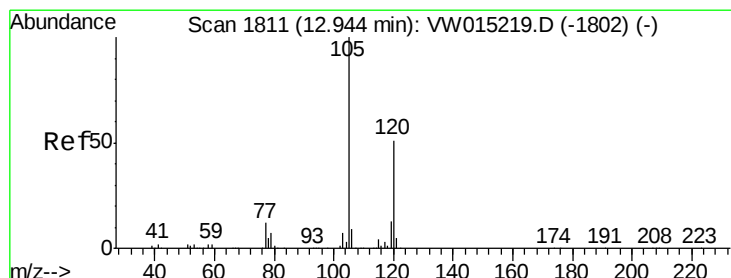
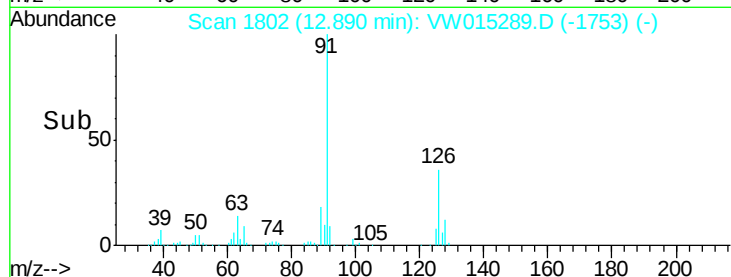
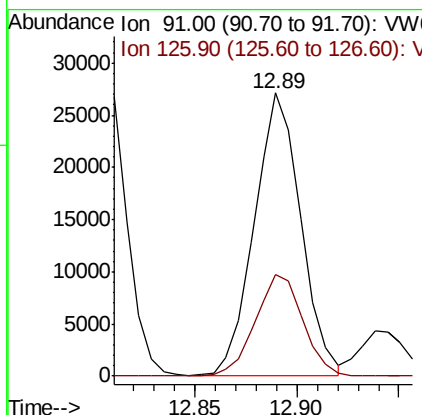
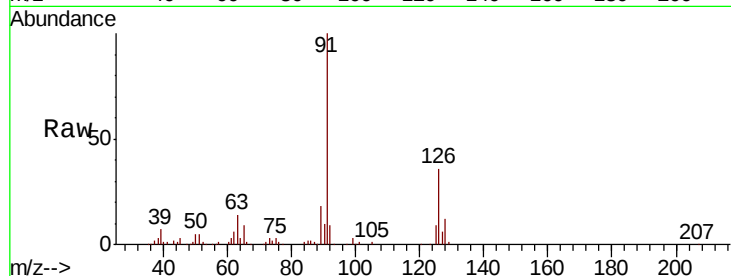




#79
2-Chlorotoluene
Concen: 117.026 ug/l
RT: 12.89 min Scan# 1802
Delta R.T. 0.00 min
Lab File: VW015289.D
Acq: 22 Apr 2020 03:34

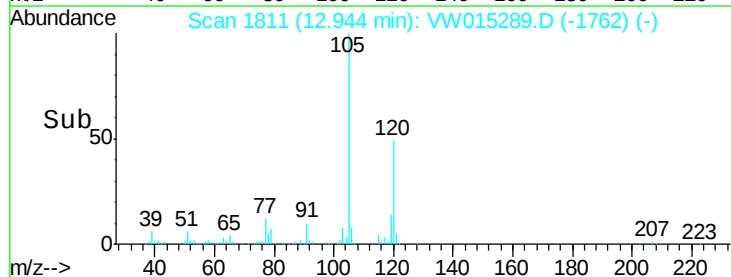
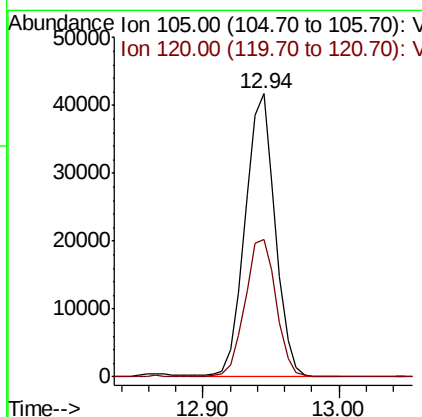
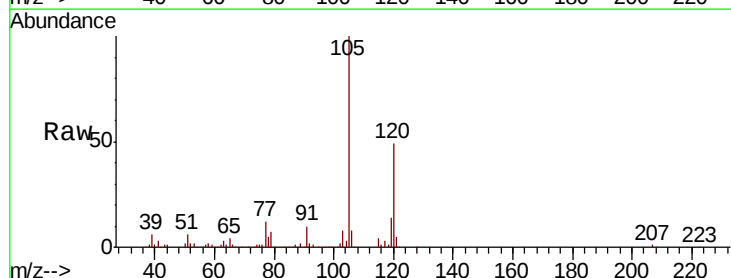
Instrument :
MSVOA_W
ClientSampleId :

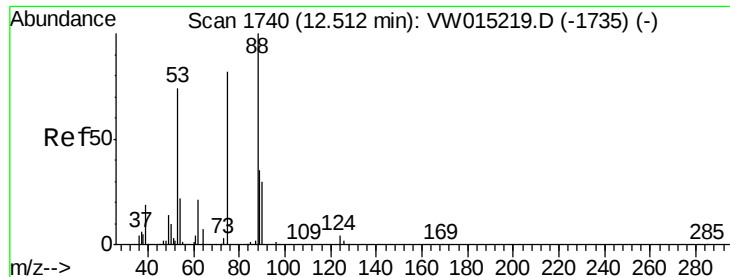
Tot Ion: 91 Resp: 43114
Ion Ratio Lower Upper
91 100
126 36.6 16.8 50.4



#80
1,3,5-Trimethylbenzene
Concen: 133.178 ug/l
RT: 12.94 min Scan# 1811
Delta R.T. 0.00 min
Lab File: VW015289.D
Acq: 22 Apr 2020 03:34

Tgt Ion: 105 Resp: 64413
Ion Ratio Lower Upper
105 100
120 50.6 24.9 74.8





#81

trans-1,4-Dichloro-2-butene

Concen: 34.441 ug/l

RT: 12.46 min Scan# 1732

Delta R.T. -0.05 min

Lab File: VW015289.D

Acq: 22 Apr 2020 03:34

Instrument :

MSVOA_W

ClientSampleId :

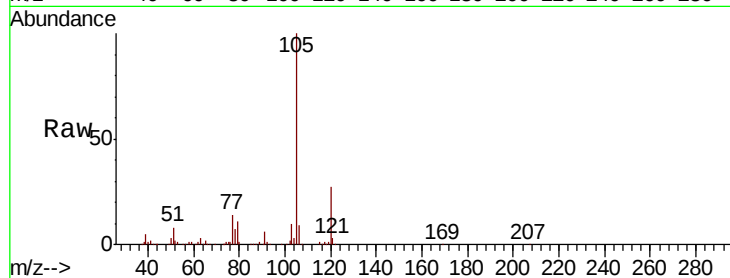
Tot Ion: 75 Resp: 987

Ion Ratio Lower Upper

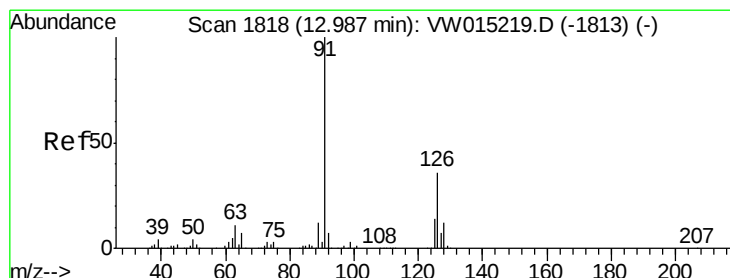
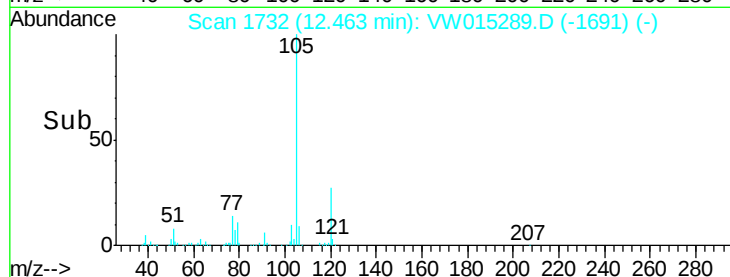
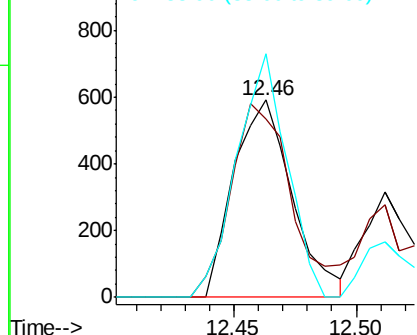
75 100

53 98.9 69.4 104.2

89 105.8 34.8 52.2#



Abundance Ion 74.90 (74.60 to 75.60): VW
Ion 53.00 (52.70 to 53.70): VW
Ion 88.90 (88.60 to 89.60): VW



#82

4-Chlorotoluene

Concen: 67.887 ug/l

RT: 12.99 min Scan# 1818

Delta R.T. 0.00 min

Lab File: VW015289.D

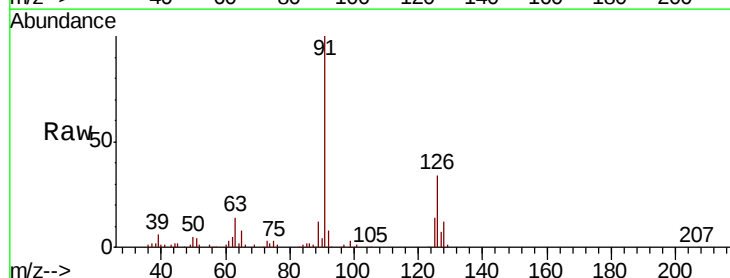
Acq: 22 Apr 2020 03:34

Tgt Ion: 91 Resp: 26555

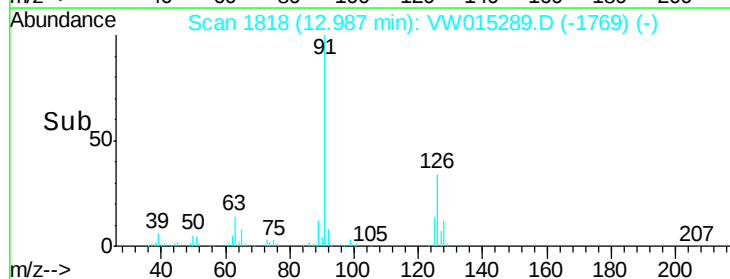
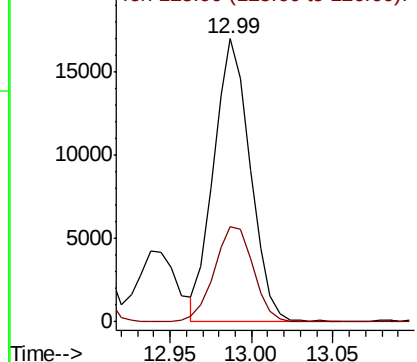
Ion Ratio Lower Upper

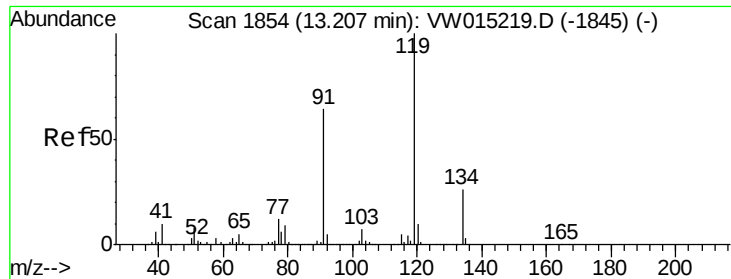
91 100

126 35.8 16.8 50.3



Abundance Ion 91.00 (90.70 to 91.70): VW
Ion 125.90 (125.60 to 126.60): V

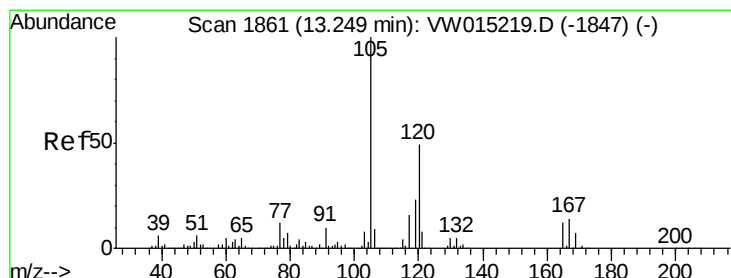
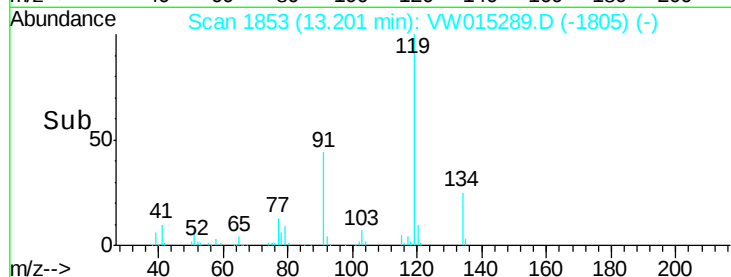
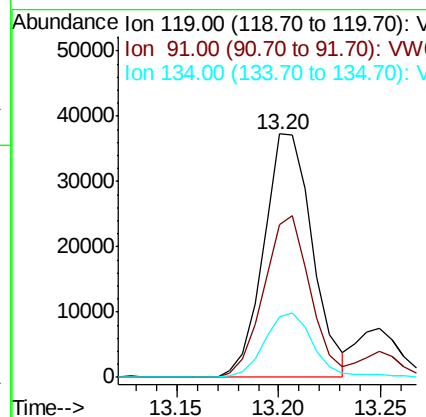
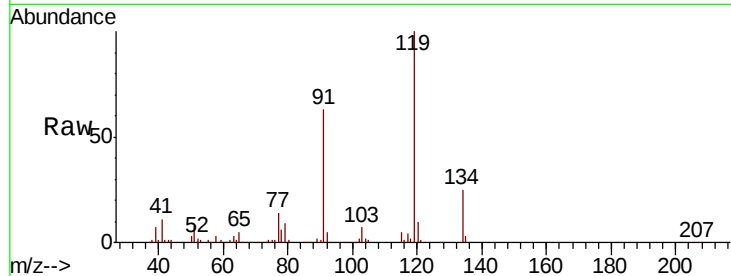




#83
tert-Butylbenzene
Concen: 146.893 ug/l
RT: 13.20 min Scan# 1853
Delta R.T. -0.01 min
Lab File: VW015289.D
Acq: 22 Apr 2020 03:34

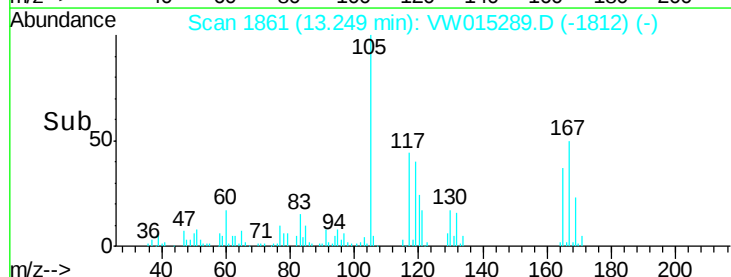
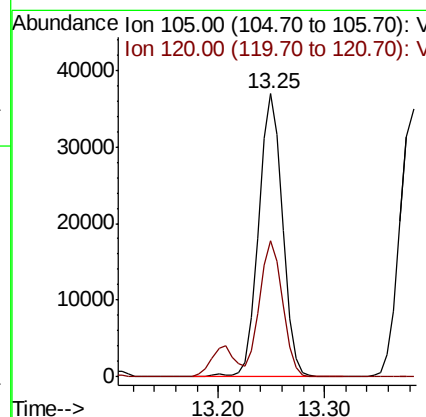
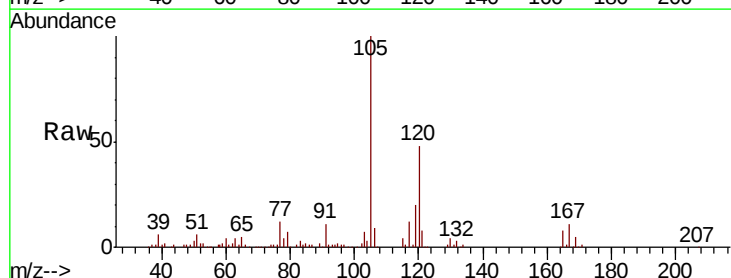
Instrument :
MSVOA_W
ClientSampleId :

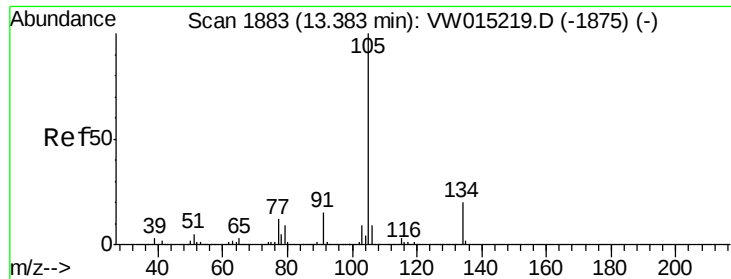
Tot Ion:119 Resp: 62096
Ion Ratio Lower Upper
119 100
91 63.0 32.8 98.3
134 26.7 13.3 39.9



#84
1,2,4-Trimethylbenzene
Concen: 122.015 ug/l
RT: 13.25 min Scan# 1861
Delta R.T. 0.00 min
Lab File: VW015289.D
Acq: 22 Apr 2020 03:34

Tgt Ion:105 Resp: 58207
Ion Ratio Lower Upper
105 100
120 46.4 23.0 69.0

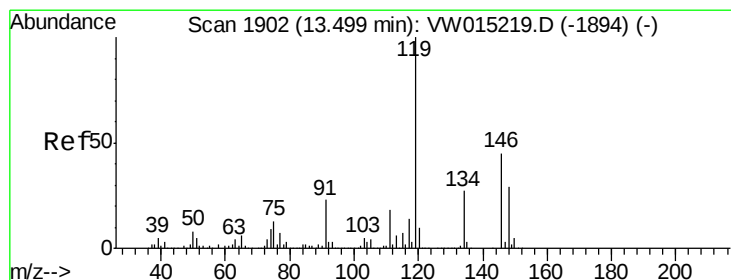
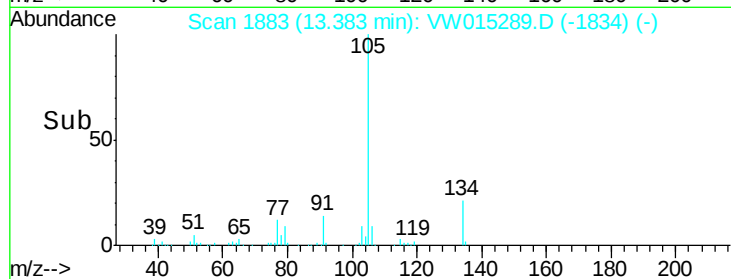
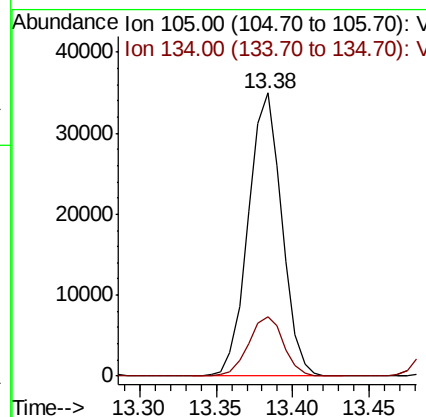
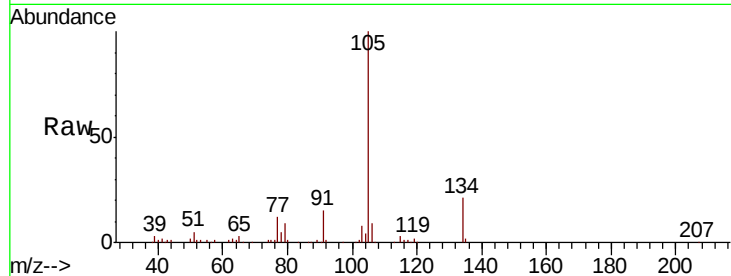




#85
 sec-Butylbenzene
 Concen: 91.318 ug/l
 RT: 13.38 min Scan# 1883
 Delta R.T. 0.00 min
 Lab File: VW015289.D
 Acq: 22 Apr 2020 03:34

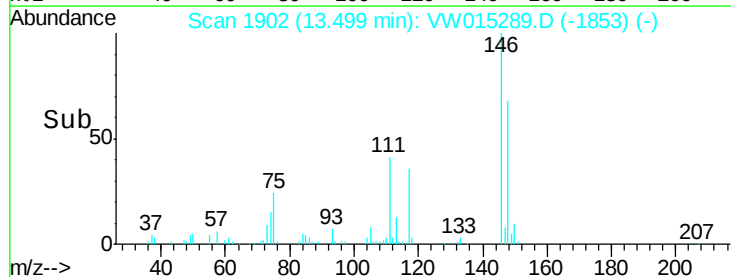
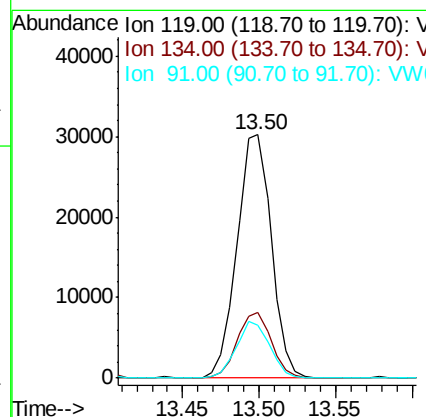
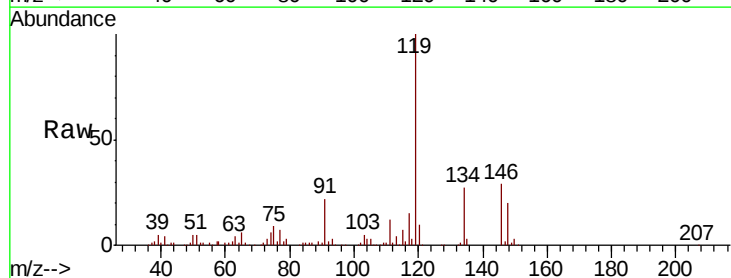
Instrument :
 MSVOA_W
 ClientSampleId :

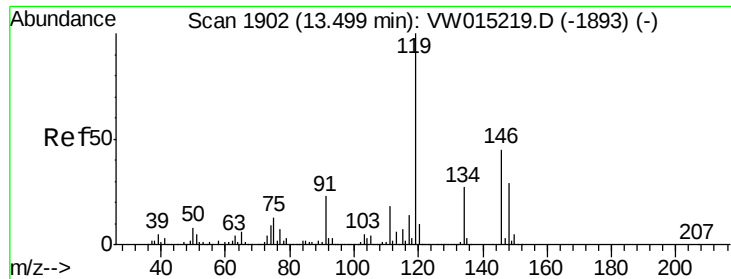
Tot Ion:105 Resp: 53312
 Ion Ratio Lower Upper
 105 100
 134 21.6 10.1 30.1



#86
 p-Isopropyltoluene
 Concen: 86.969 ug/l
 RT: 13.50 min Scan# 1902
 Delta R.T. 0.00 min
 Lab File: VW015289.D
 Acq: 22 Apr 2020 03:34

Tgt Ion:119 Resp: 47179
 Ion Ratio Lower Upper
 119 100
 134 26.8 13.3 39.9
 91 22.8 12.0 36.1

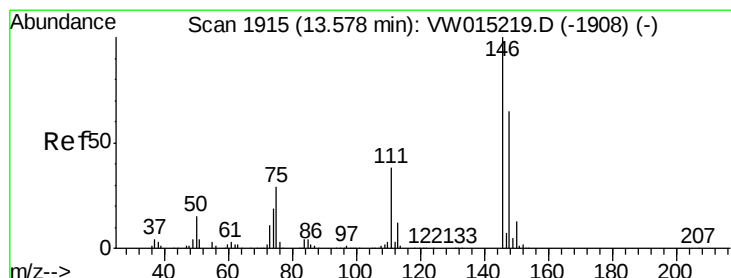
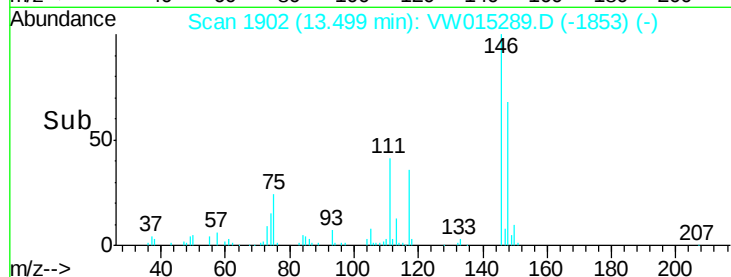
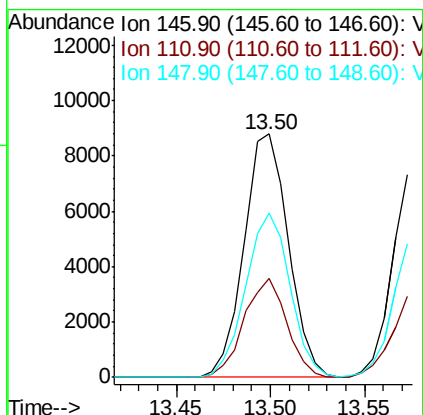
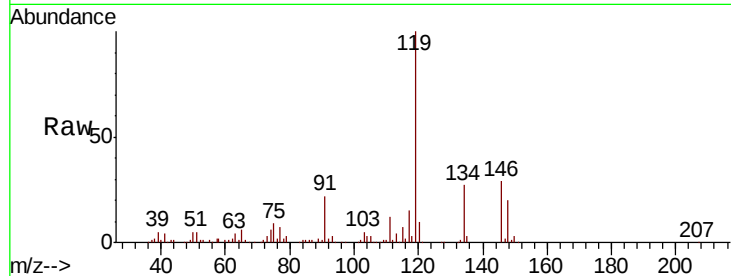




#87
 1,3-Dichlorobenzene
 Concen: 56.031 ug/l
 RT: 13.50 min Scan# 1902
 Delta R.T. 0.00 min
 Lab File: VW015289.D
 Acq: 22 Apr 2020 03:34

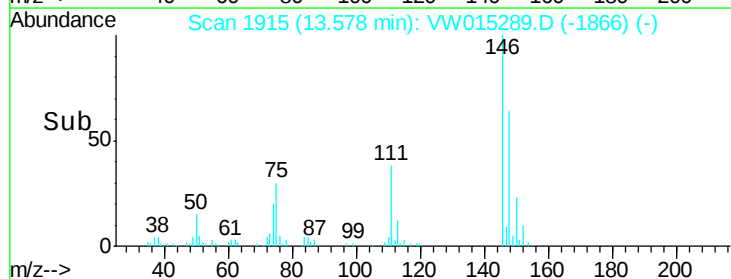
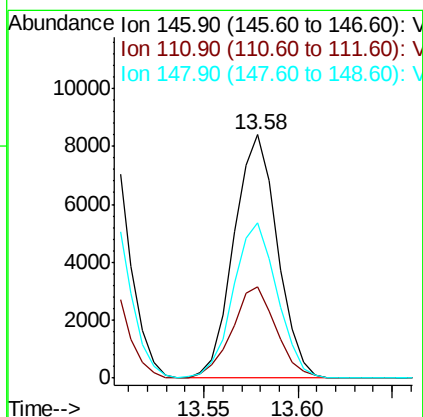
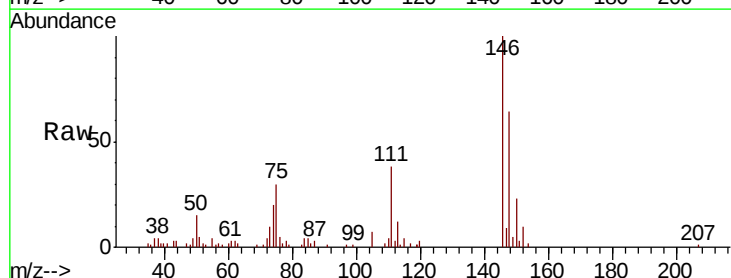
Instrument :
 MSVOA_W
 ClientSampled :

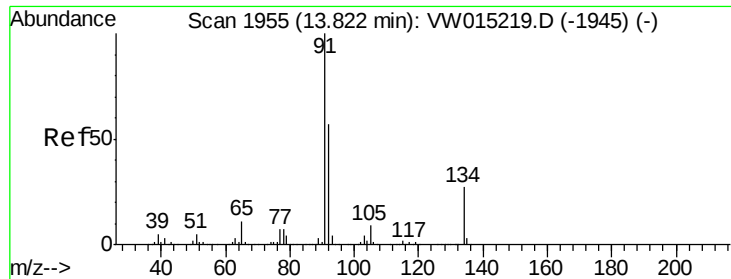
Tot Ion:146 Resp: 14361
 Ion Ratio Lower Upper
 146 100
 111 39.3 21.1 63.4
 148 67.3 31.8 95.3



#88
 1,4-Dichlorobenzene
 Concen: 53.418 ug/l
 RT: 13.58 min Scan# 1915
 Delta R.T. 0.00 min
 Lab File: VW015289.D
 Acq: 22 Apr 2020 03:34

Tgt Ion:146 Resp: 13421
 Ion Ratio Lower Upper
 146 100
 111 38.1 20.4 61.3
 148 64.6 31.5 94.5





#89

n-Butylbenzene

Concen: 36.766 ug/l

RT: 13.82 min Scan# 1955

Delta R.T. 0.00 min

Lab File: VW015289.D

Acq: 22 Apr 2020 03:34

Instrument :

MSVOA_W

ClientSampleId :

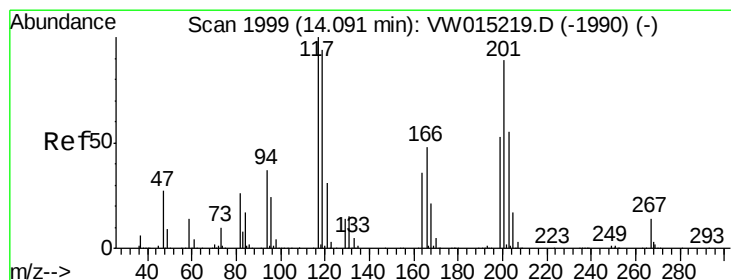
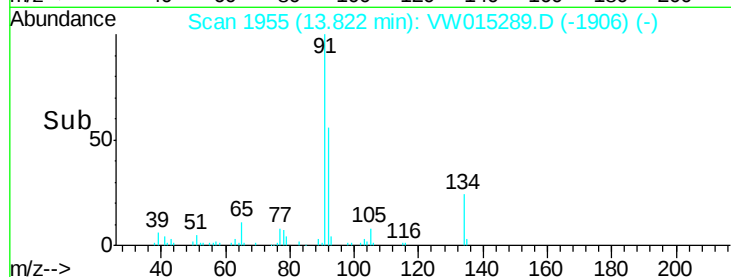
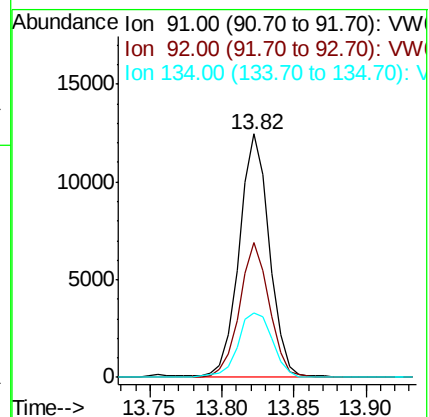
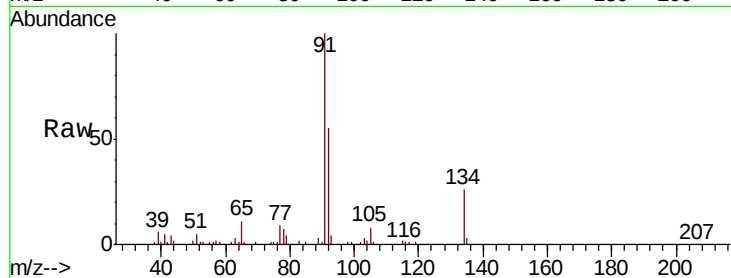
Tot Ion: 91 Resp: 18230

Ion Ratio Lower Upper

91 100

92 54.5 27.6 82.7

134 30.1 12.8 38.3



#90

Hexachloroethane

Concen: 121.243 ug/l

RT: 14.09 min Scan# 1999

Delta R.T. 0.00 min

Lab File: VW015289.D

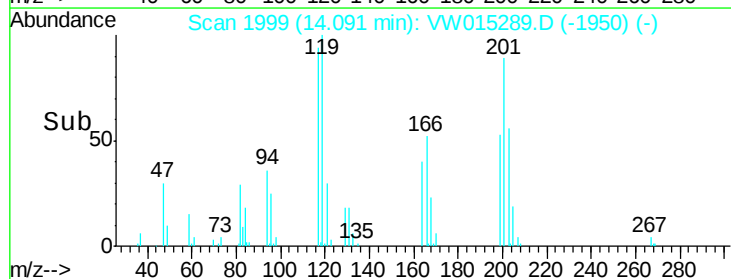
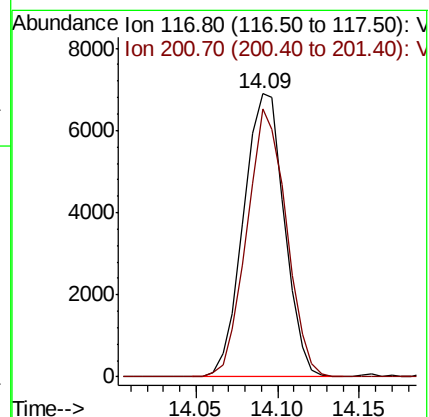
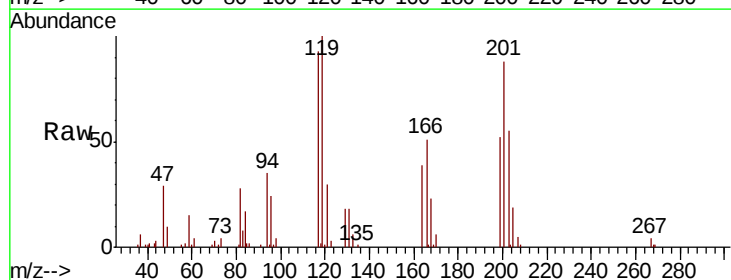
Acq: 22 Apr 2020 03:34

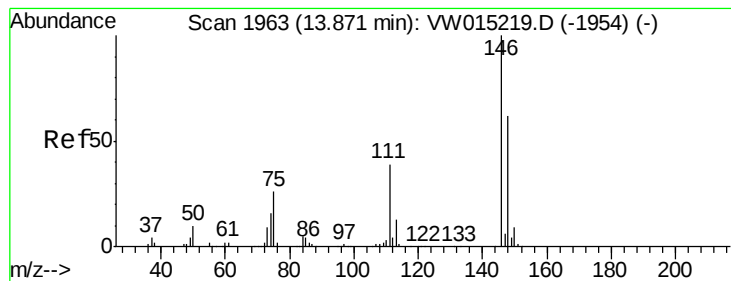
Tgt Ion: 117 Resp: 12062

Ion Ratio Lower Upper

117 100

201 91.3 33.6 100.6





#91

1,2-Dichlorobenzene

Concen: 92.805 ug/l

RT: 13.87 min Scan# 1963

Delta R.T. 0.00 min

Lab File: VW015289.D

Acq: 22 Apr 2020 03:34

Instrument :

MSVOA_W

ClientSampleId :

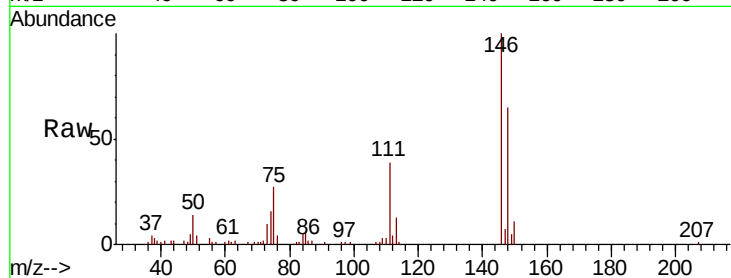
Tot Ion:146 Resp: 20670

Ion Ratio Lower Upper

146 100

111 39.6 21.6 65.0

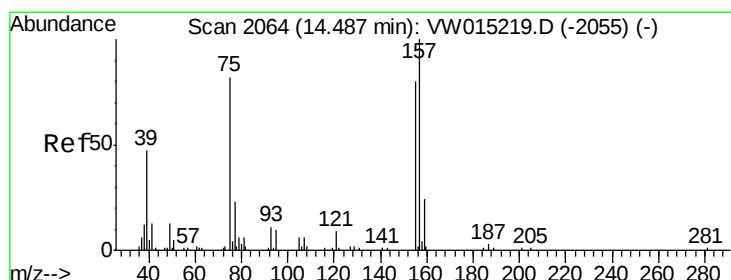
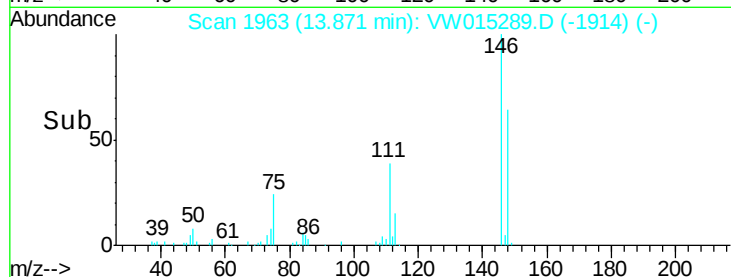
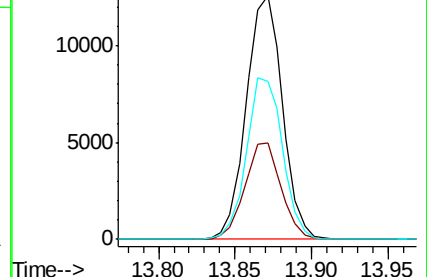
148 66.1 31.0 93.0



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 313.313 ug/l

RT: 14.48 min Scan# 2063

Delta R.T. -0.01 min

Lab File: VW015289.D

Acq: 22 Apr 2020 03:34

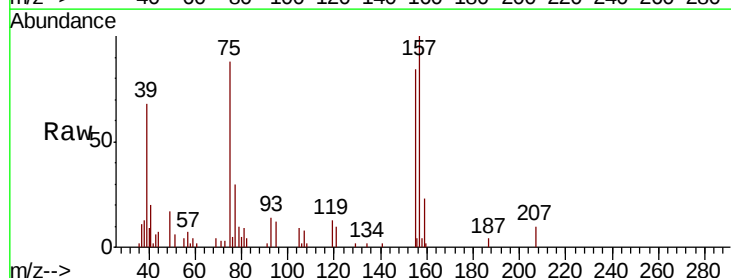
Tgt Ion: 75 Resp: 4520

Ion Ratio Lower Upper

75 100

155 97.2 41.6 124.9

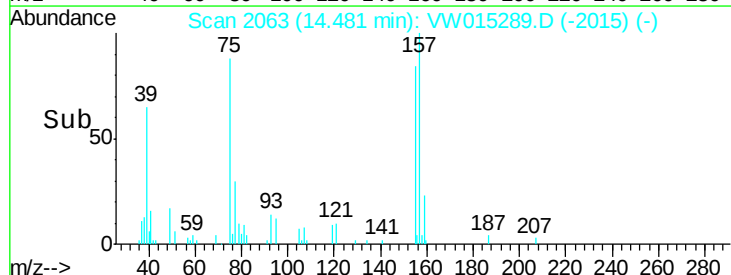
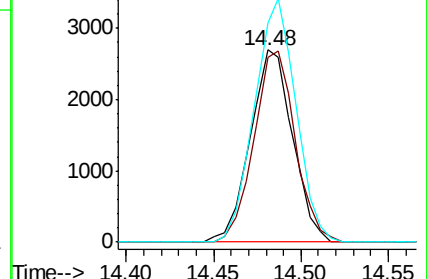
157 124.7 53.8 161.2

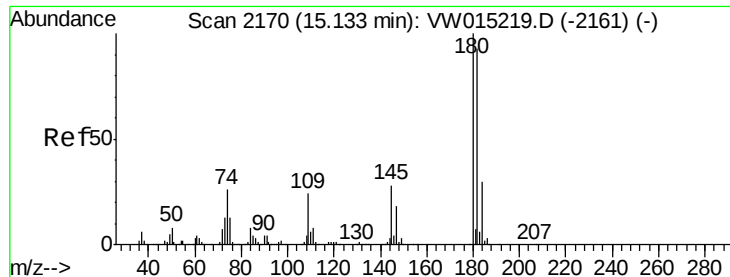


Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

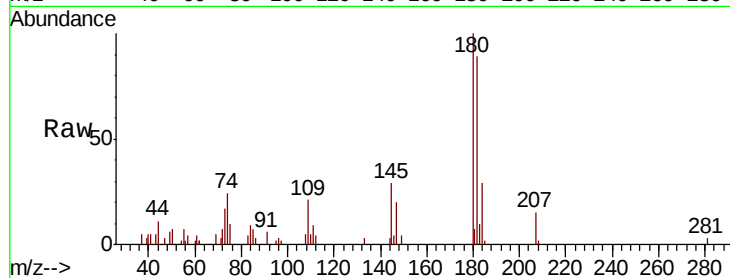




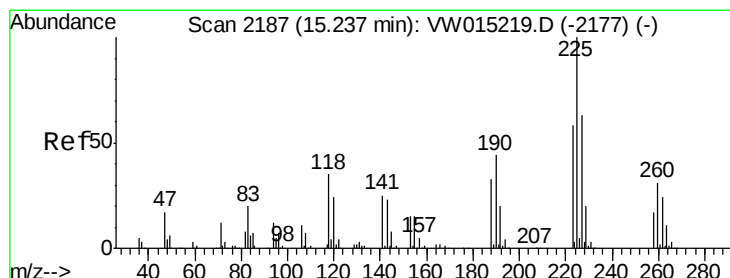
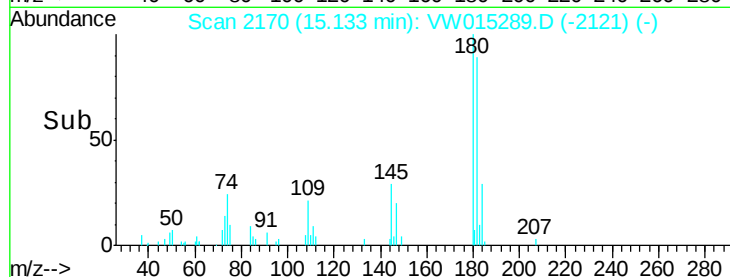
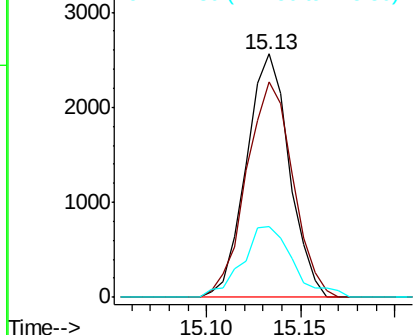
#93
 1,2,4-Trichlorobenzene
 Concen: 26.141 ug/l
 RT: 15.13 min Scan# 2170
 Delta R.T. 0.00 min
 Lab File: VW015289.D
 Acq: 22 Apr 2020 03:34

Instrument :
 MSVOA_W
 ClientSampleId :

Tot Ion:180 Resp: 4047
 Ion Ratio Lower Upper
 180 100
 182 95.9 47.1 141.4
 145 34.3 16.2 48.6

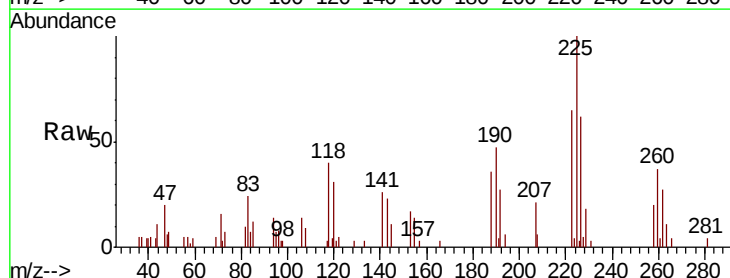


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

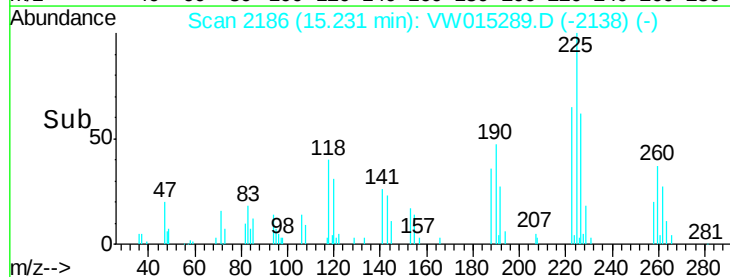
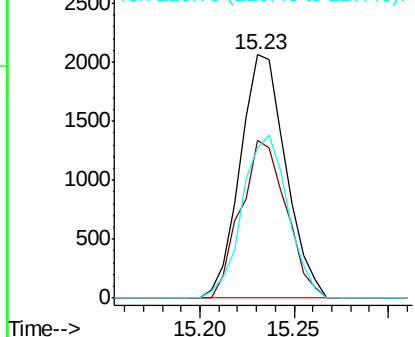


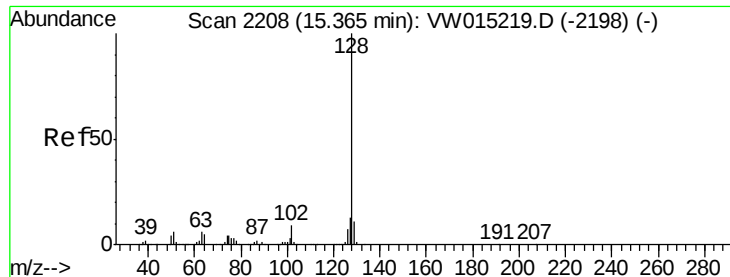
#94
 Hexachlorobutadiene
 Concen: 33.591 ug/l
 RT: 15.23 min Scan# 2186
 Delta R.T. -0.01 min
 Lab File: VW015289.D
 Acq: 22 Apr 2020 03:34

Tgt Ion:225 Resp: 3467
 Ion Ratio Lower Upper
 225 100
 223 64.6 31.0 93.0
 227 66.7 30.8 92.3



Abundance Ion 224.70 (224.40 to 225.40): V
 Ion 222.70 (222.40 to 223.40): V
 Ion 226.70 (226.40 to 227.40): V

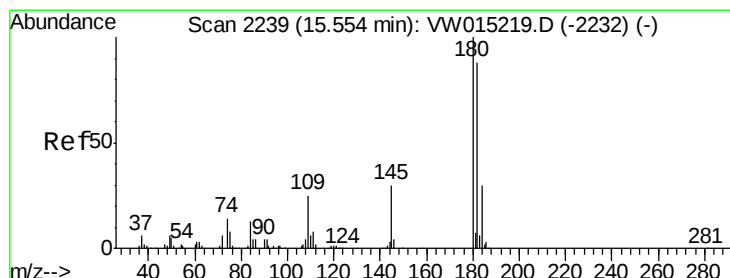
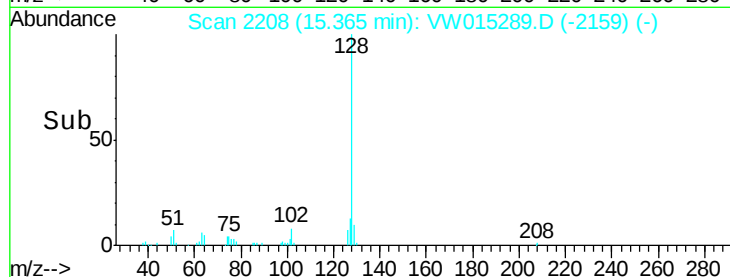
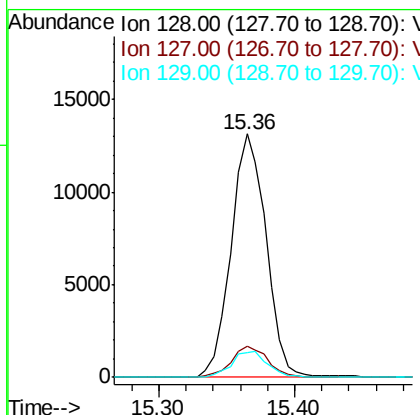
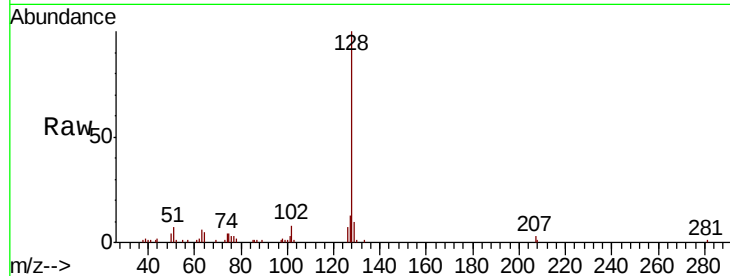




#95
Naphthalene
Concen: 94.523 ug/l
RT: 15.36 min Scan# 2208
Delta R.T. 0.00 min
Lab File: VW015289.D
Acq: 22 Apr 2020 03:34

Instrument :
MSVOA_W
ClientSampleId :

Tot Ion:128 Resp: 23539
Ion Ratio Lower Upper
128 100
127 13.2 10.3 15.5
129 11.0 8.6 12.8



#96
1,2,3-Trichlorobenzene
Concen: 41.974 ug/l
RT: 15.55 min Scan# 2239
Delta R.T. 0.00 min
Lab File: VW015289.D
Acq: 22 Apr 2020 03:34

Tgt Ion:180 Resp: 5287
Ion Ratio Lower Upper
180 100
182 100.8 48.8 146.3
145 31.2 17.2 51.6

