

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW082820\
 Data File : VW016400.D
 Acq On : 28 Aug 2020 14:08
 Operator : SY/VA
 Sample : VSTDICC100
 Misc : 5.00G/5ML/MSVOA_W/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDICC100

Quant Time: Aug 28 14:36:56 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W082820S.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 28 14:25:02 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	175606	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	270101	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	246310	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	120421	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	175342	102.82	ug/l	0.00
Spiked Amount	50.000		Recovery	=	205.64%	
35) Dibromofluoromethane	7.88	113	171968	103.76	ug/l	0.00
Spiked Amount	50.000		Recovery	=	207.52%	
50) Toluene-d8	10.32	98	659497	103.32	ug/l	0.00
Spiked Amount	50.000		Recovery	=	206.64%	
62) 4-Bromofluorobenzene	12.62	95	244196	106.42	ug/l	0.00
Spiked Amount	50.000		Recovery	=	212.84%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.01	85	107398	90.740	ug/l	98
3) Chloromethane	2.21	50	94769	77.235	ug/l	100
4) Vinyl Chloride	2.37	62	138873	80.595	ug/l	94
5) Bromomethane	2.78	94	96791	88.782	ug/l	95
6) Chloroethane	2.92	64	84069	85.861	ug/l	95
7) Trichlorofluoromethane	3.26	101	171774	115.650	ug/l	97
8) Diethyl Ether	3.68	74	82667	92.290	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	4.07	101	166316	89.166	ug/l	98
10) Methyl Iodide	4.28	142	255647	93.993	ug/l	99
11) Tert butyl alcohol	5.20	59	49012	524.184	ug/l	100
12) 1,1-Dichloroethene	4.04	96	168803	88.996	ug/l	95
13) Acrolein	3.90	56	38410	312.072	ug/l	99
14) Allyl chloride	4.67	41	210922	83.962	ug/l	99
15) Acrylonitrile	5.37	53	155640	465.281	ug/l	99
16) Acetone	4.14	43	143635	458.009	ug/l	95
17) Carbon Disulfide	4.38	76	475367	85.921	ug/l	99
18) Methyl Acetate	4.67	43	65819	87.808	ug/l	99
19) Methyl tert-butyl Ether	5.43	73	248822	104.199	ug/l	96
20) Methylene Chloride	4.91	84	178764	73.699	ug/l	95
21) trans-1,2-Dichloroethene	5.42	96	184800	89.368	ug/l	97
22) Diisopropyl ether	6.31	45	406482	85.698	ug/l	98
23) Vinyl Acetate	6.26	43	1271214	466.450	ug/l	99
24) 1,1-Dichloroethane	6.22	63	292580	87.615	ug/l	99
25) 2-Butanone	7.18	43	188961	443.423	ug/l	97
26) 2,2-Dichloropropane	7.17	77	208361	94.331	ug/l	100
27) cis-1,2-Dichloroethene	7.17	96	204645	95.237	ug/l	96
28) Bromochloromethane	7.51	49	110253	88.184	ug/l	99
29) Tetrahydrofuran	7.54	42	116309	453.963	ug/l	98
30) Chloroform	7.68	83	326213	92.594	ug/l	100
31) Cyclohexane	7.96	56	253109	82.601	ug/l	98
32) 1,1,1-Trichloroethane	7.87	97	292247	98.016	ug/l	99
36) 1,1-Dichloropropene	8.09	75	258662	97.198	ug/l	99
37) Ethyl Acetate	7.26	43	87381	96.939	ug/l	98
38) Carbon Tetrachloride	8.07	117	286843	106.189	ug/l	98

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW082820\
 Data File : VW016400.D
 Acq On : 28 Aug 2020 14:08
 Operator : SY/VA
 Sample : VSTDICC100
 Misc : 5.00G/5ML/MSVOA_W/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDICC100

Quant Time: Aug 28 14:36:56 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W082820S.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 28 14:25:02 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	320125	100.103	ug/l	98
40) Benzene	8.32	78	684422	91.989	ug/l	97
41) Methacrylonitrile	7.48	41	51444	100.348	ug/l	99
42) 1,2-Dichloroethane	8.40	62	209125	104.384	ug/l	100
43) Isopropyl Acetate	8.43	43	175642	102.748	ug/l	99
44) Trichloroethene	9.10	130	208345	97.764	ug/l	98
45) 1,2-Dichloropropane	9.37	63	158325	90.830	ug/l	98
46) Dibromomethane	9.46	93	94419	101.427	ug/l	97
47) Bromodichloromethane	9.65	83	247805	102.505	ug/l	99
48) Methyl methacrylate	9.44	41	83447	105.292	ug/l	99
49) 1,4-Dioxane	9.47	88	26599	2280.351	ug/l #	96
51) 4-Methyl-2-Pentanone	10.21	43	428752	499.384	ug/l	100
52) Toluene	10.39	92	471518	98.731	ug/l	97
53) t-1,3-Dichloropropene	10.61	75	248292	110.582	ug/l	100
54) cis-1,3-Dichloropropene	10.07	75	285854	103.638	ug/l	98
55) 1,1,2-Trichloroethane	10.79	97	133129	99.501	ug/l	96
56) Ethyl methacrylate	10.65	69	165834	109.582	ug/l	100
57) 1,3-Dichloropropane	10.93	76	225195	99.534	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.93	63	354060	512.935	ug/l	100
59) 2-Hexanone	10.97	43	299794	512.325	ug/l	99
60) Dibromochloromethane	11.13	129	176707	109.691	ug/l	100
61) 1,2-Dibromoethane	11.24	107	131985	102.422	ug/l	96
64) Tetrachloroethene	10.87	164	169618	102.872	ug/l	95
65) Chlorobenzene	11.66	112	507799	99.461	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.73	131	187858	104.438	ug/l	98
67) Ethyl Benzene	11.73	91	928486	101.652	ug/l	98
68) m/p-Xylenes	11.84	106	705193	200.989	ug/l	98
69) o-Xylene	12.16	106	325939	104.240	ug/l	97
70) Styrene	12.18	104	562697	103.939	ug/l	99
71) Bromoform	12.35	173	98337	120.098	ug/l #	100
73) Isopropylbenzene	12.46	105	920804	100.264	ug/l	100
74) N-amyl acetate	12.27	43	161543	99.583	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.72	83	144908	95.242	ug/l	100
76) 1,2,3-Trichloropropane	12.77	75	193220	175.550	ug/l	28
77) Bromobenzene	12.75	156	204380	99.661	ug/l	99
78) n-propylbenzene	12.80	91	1047646	95.929	ug/l	97
79) 2-Chlorotoluene	12.90	91	618035	97.721	ug/l	98
80) 1,3,5-Trimethylbenzene	12.94	105	792219	100.043	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.51	75	49814	108.350	ug/l	98
82) 4-Chlorotoluene	12.99	91	644491	98.104	ug/l	99
83) tert-Butylbenzene	13.21	119	683958	105.603	ug/l	98
84) 1,2,4-Trimethylbenzene	13.26	105	791197	101.496	ug/l	99
85) sec-Butylbenzene	13.38	105	927877	99.157	ug/l	99
86) p-Isopropyltoluene	13.50	119	859889	100.853	ug/l	99
87) 1,3-Dichlorobenzene	13.50	146	397795	98.580	ug/l	95
88) 1,4-Dichlorobenzene	13.58	146	387399	96.436	ug/l	99
89) n-Butylbenzene	13.82	91	795217	101.315	ug/l	99
90) Hexachloroethane	14.10	117	160323	100.670	ug/l	99
91) 1,2-Dichlorobenzene	13.87	146	355612	99.944	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.49	75	27597	115.131	ug/l	99

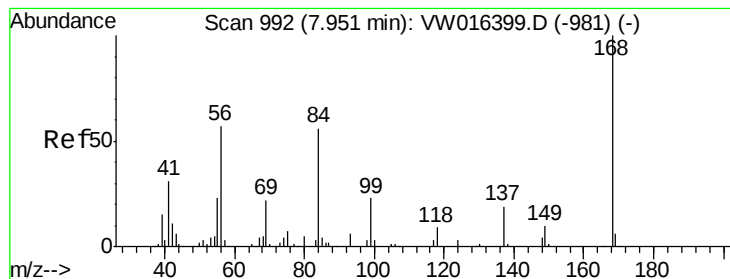
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_W\DATA\VW082820\
Data File : VW016400.D
Acq On : 28 Aug 2020 14:08
Operator : SY/VA
Sample : VSTDICC100
Misc : 5.00G/5ML/MSVOA_W/SOIL
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VSTDICC100

Quant Time: Aug 28 14:36:56 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W082820S.M
Quant Title : SW846 8260
QLast Update : Fri Aug 28 14:25:02 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.13	180	245072	113.969	ug/l	95
94) Hexachlorobutadiene	15.23	225	139407	107.115	ug/l	96
95) Naphthalene	15.37	128	487418	123.943	ug/l	99
96) 1,2,3-Trichlorobenzene	15.56	180	217783	118.121	ug/l	98

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 992

Delta R.T. 0.00 min

Lab File: VW016400.D

Acq: 28 Aug 2020 14:08

Instrument :

MSVOA_W

ClientSampleId :

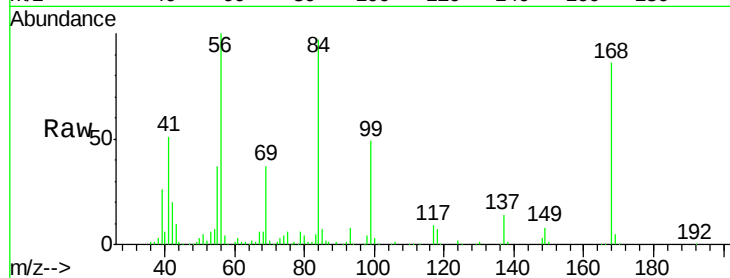
VSTDIC100

Tgt Ion:168 Resp: 175606

Ion Ratio Lower Upper

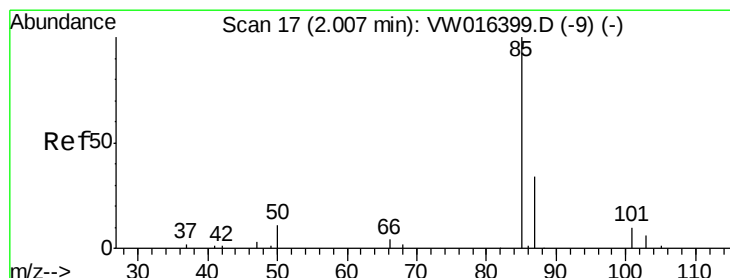
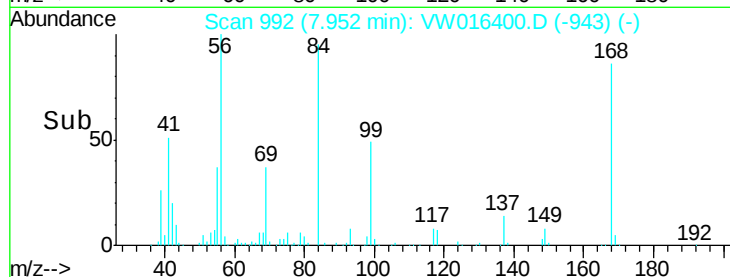
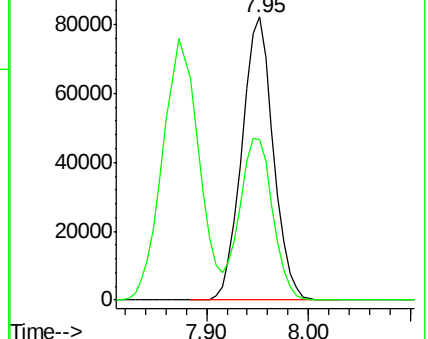
168 100

99 56.9 49.0 73.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#2

Dichlorodifluoromethane

Concen: 90.740 ug/l

RT: 2.01 min Scan# 17

Delta R.T. 0.00 min

Lab File: VW016400.D

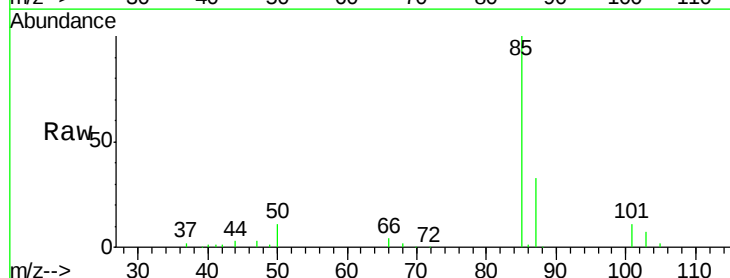
Acq: 28 Aug 2020 14:08

Tgt Ion: 85 Resp: 107398

Ion Ratio Lower Upper

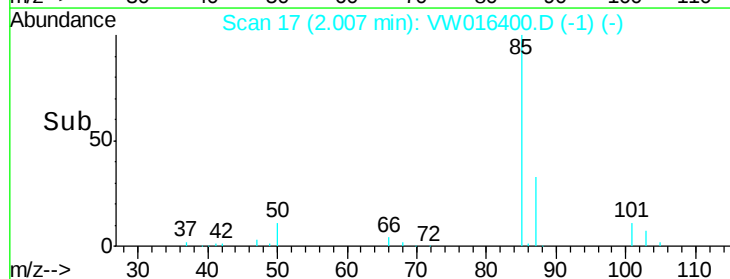
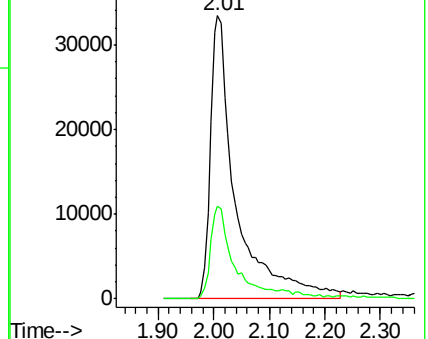
85 100

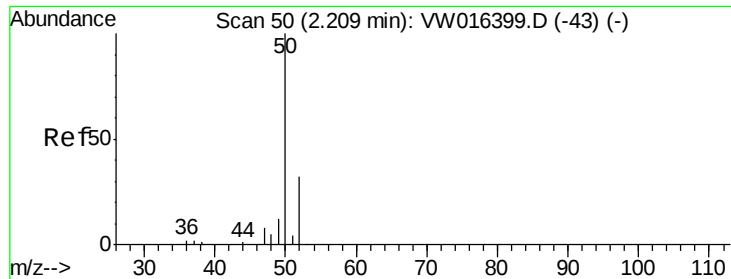
87 32.8 17.0 51.0



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW





#3

Chloromethane

Concen: 77.235 ug/l

RT: 2.21 min Scan# 51

Delta R.T. 0.01 min

Lab File: VW016400.D

Acq: 28 Aug 2020 14:08

Instrument :

MSVOA_W

ClientSampleId :

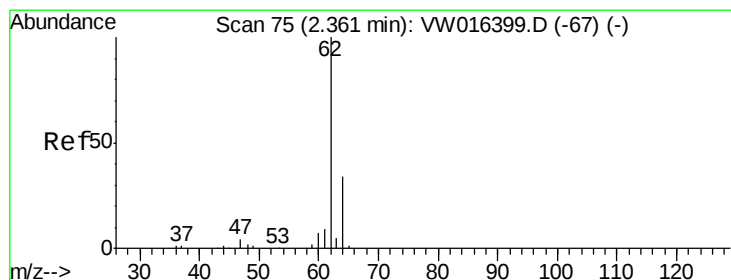
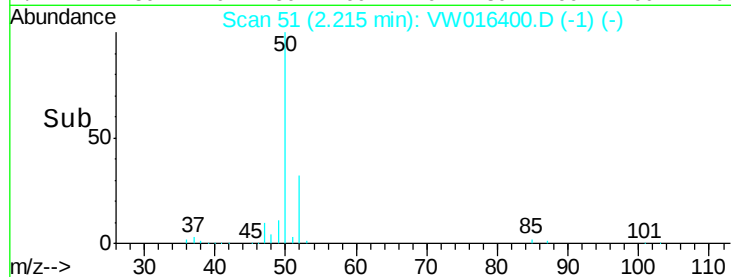
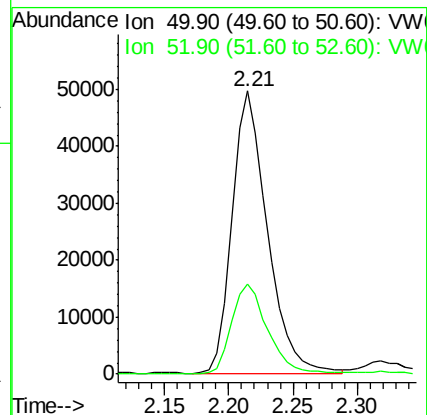
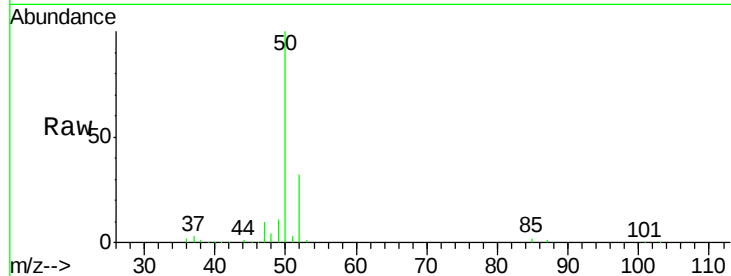
VSTDIC100

Tgt Ion: 50 Resp: 94769

Ion Ratio Lower Upper

50 100

52 32.0 25.5 38.3



#4

Vinyl Chloride

Concen: 80.595 ug/l

RT: 2.37 min Scan# 76

Delta R.T. 0.01 min

Lab File: VW016400.D

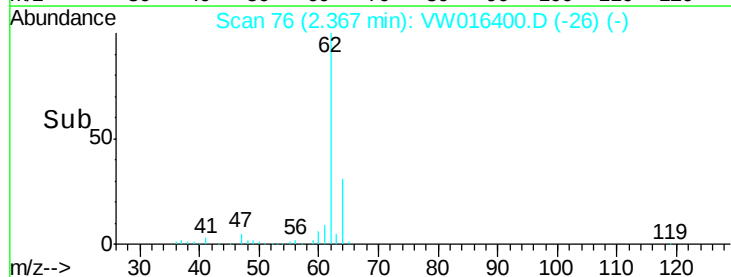
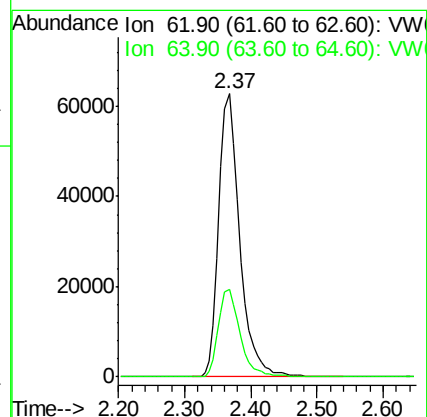
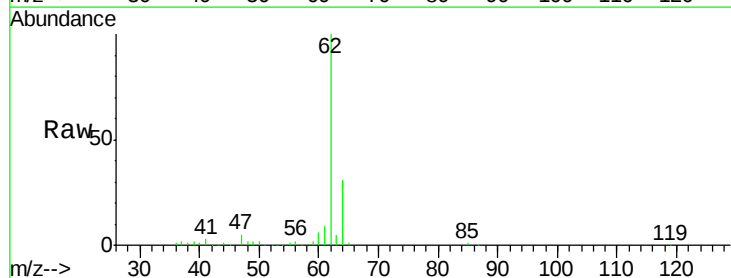
Acq: 28 Aug 2020 14:08

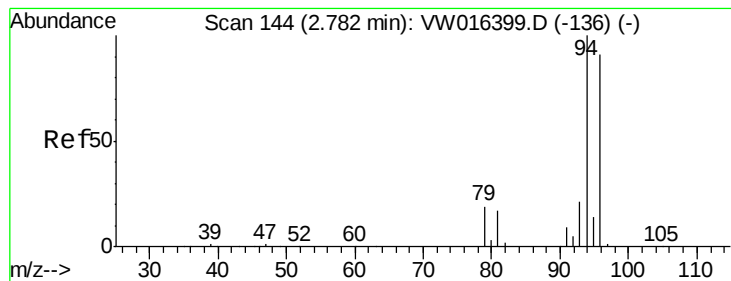
Tgt Ion: 62 Resp: 138873

Ion Ratio Lower Upper

62 100

64 30.8 27.2 40.8





#5

Bromomethane

Concen: 88.782 ug/l

RT: 2.78 min Scan# 144

Delta R.T. 0.00 min

Lab File: VW016400.D

Acq: 28 Aug 2020 14:08

Instrument :

MSVOA_W

ClientSampleId :

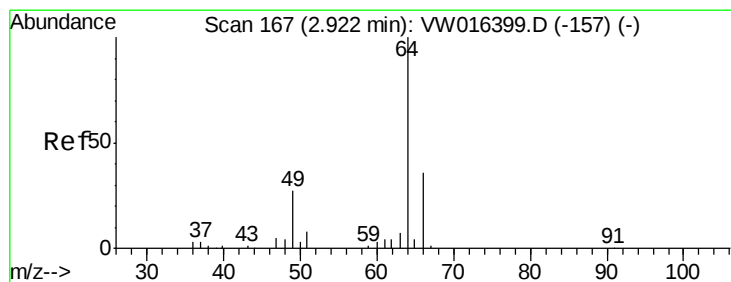
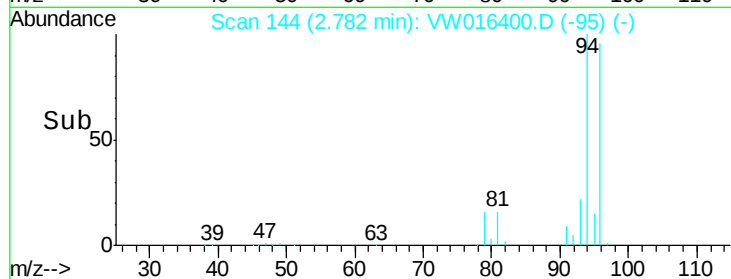
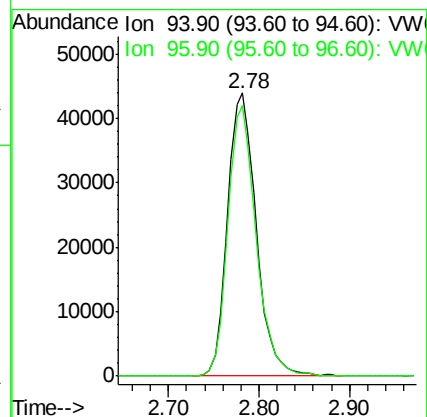
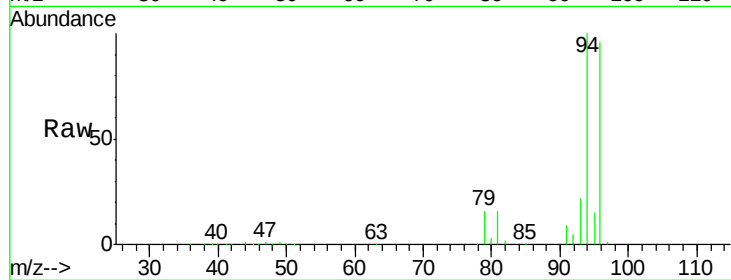
VSTDIC100

Tgt Ion: 94 Resp: 96791

Ion Ratio Lower Upper

94 100

96 95.7 72.6 109.0



#6

Chloroethane

Concen: 85.861 ug/l

RT: 2.92 min Scan# 167

Delta R.T. 0.00 min

Lab File: VW016400.D

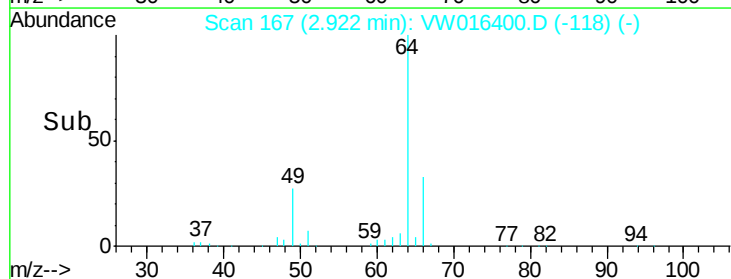
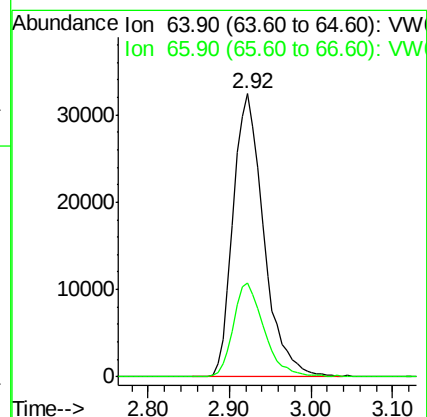
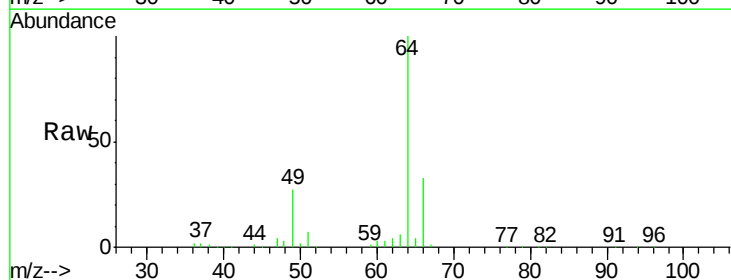
Acq: 28 Aug 2020 14:08

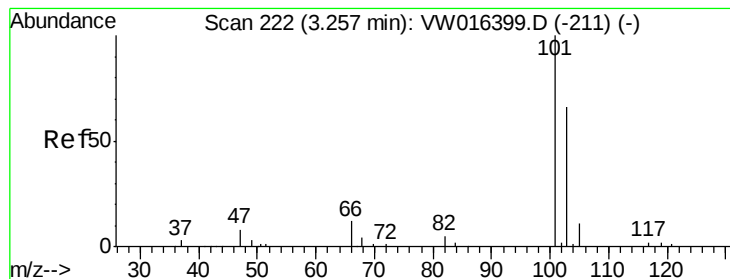
Tgt Ion: 64 Resp: 84069

Ion Ratio Lower Upper

64 100

66 33.2 28.7 43.1



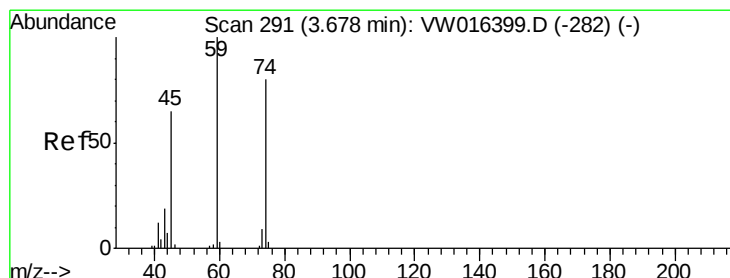
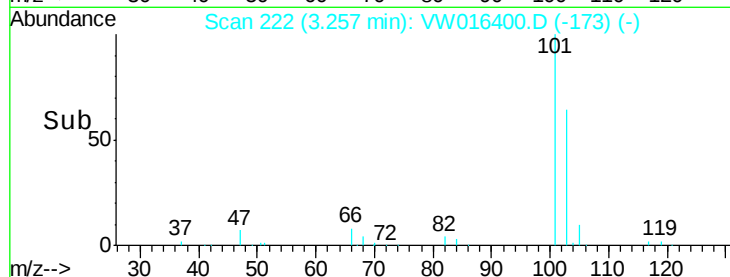
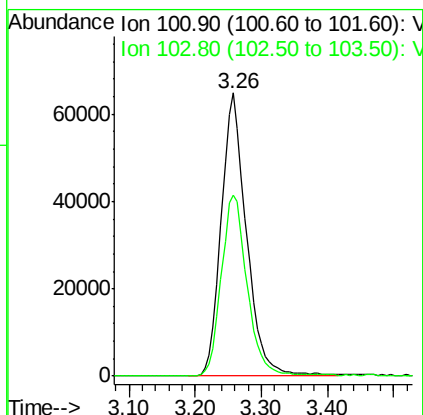
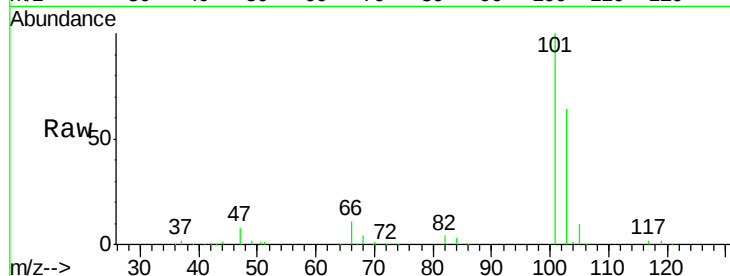


#7

Trichlorofluoromethane
Concen: 115.650 ug/l
RT: 3.26 min Scan# 222
Delta R.T. 0.00 min
Lab File: VW016400.D
Acq: 28 Aug 2020 14:08

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC100

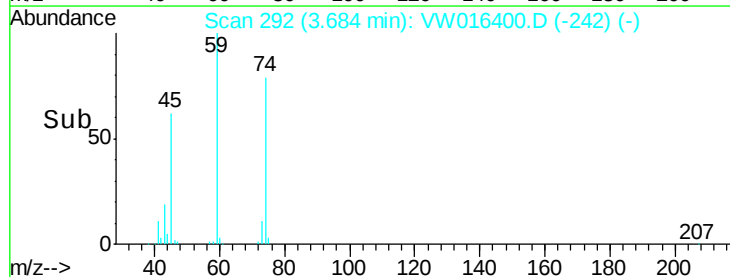
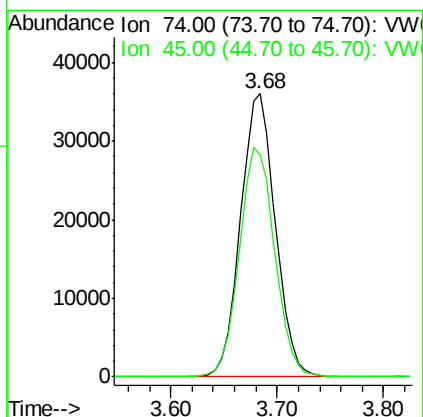
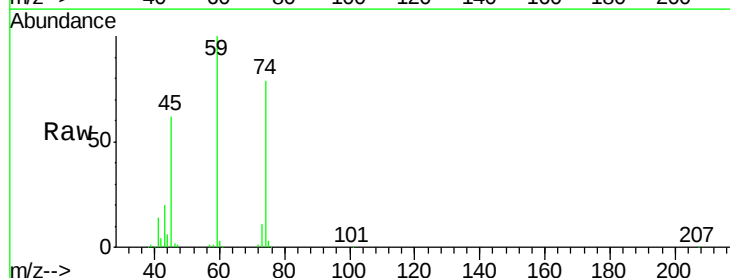
Tgt Ion:101 Resp: 171774
Ion Ratio Lower Upper
101 100
103 63.7 53.0 79.4

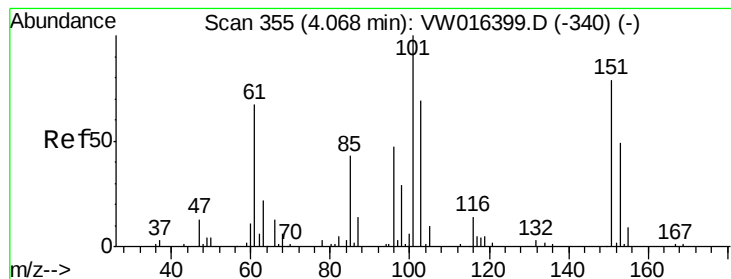


#8

Diethyl Ether
Concen: 92.290 ug/l
RT: 3.68 min Scan# 292
Delta R.T. 0.01 min
Lab File: VW016400.D
Acq: 28 Aug 2020 14:08

Tgt Ion: 74 Resp: 82667
Ion Ratio Lower Upper
74 100
45 82.8 42.0 126.0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 89.166 ug/l

RT: 4.07 min Scan# 355

Delta R.T. 0.00 min

Lab File: VW016400.D

Acq: 28 Aug 2020 14:08

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC100

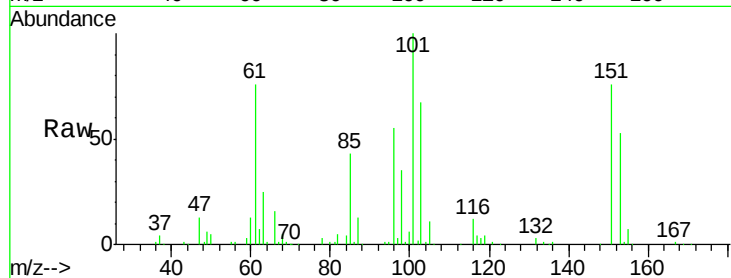
Tgt Ion:101 Resp: 166316

Ion Ratio Lower Upper

101 100

85 42.3 34.2 51.2

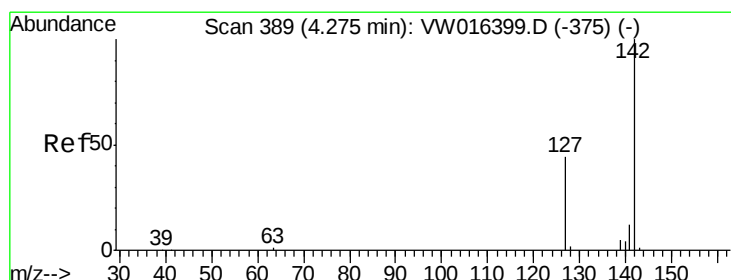
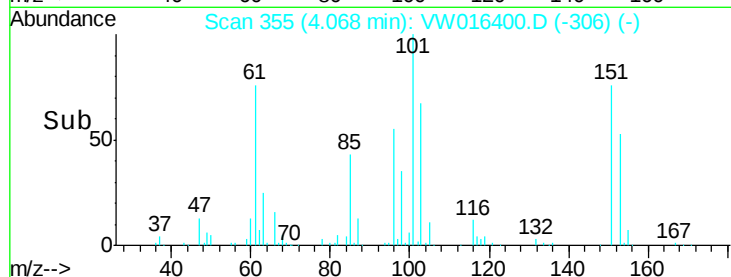
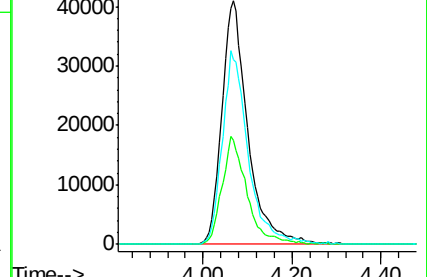
151 77.2 63.8 95.8



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: 93.993 ug/l

RT: 4.28 min Scan# 389

Delta R.T. 0.00 min

Lab File: VW016400.D

Acq: 28 Aug 2020 14:08

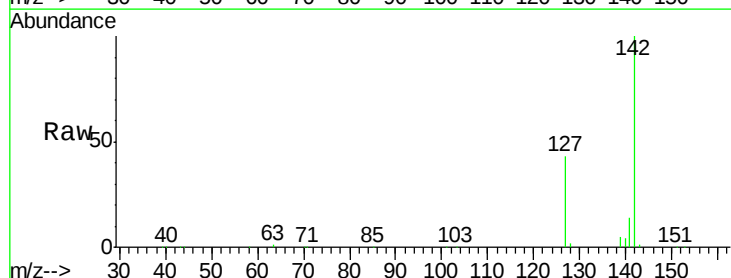
Tgt Ion:142 Resp: 255647

Ion Ratio Lower Upper

142 100

127 44.9 36.2 54.4

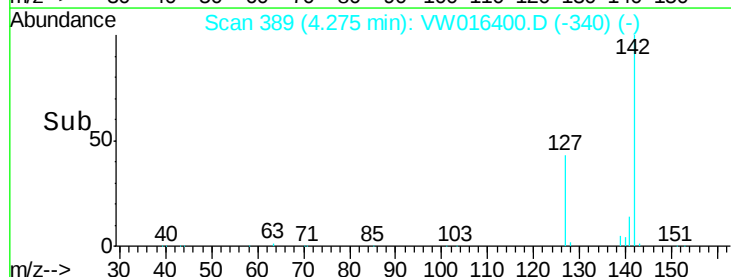
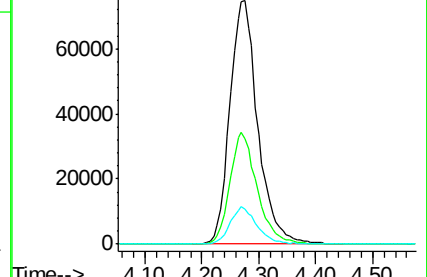
141 14.8 11.8 17.6

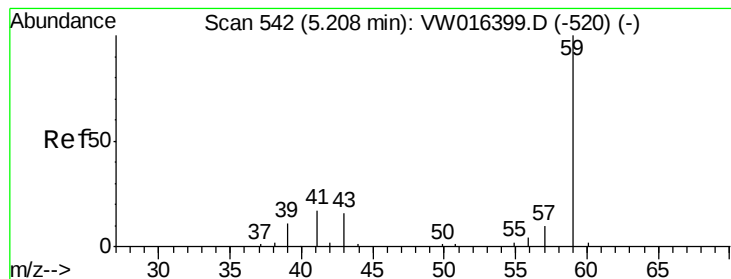


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V





#11

Tert butyl alcohol

Concen: 524.184 ug/l

RT: 5.20 min Scan# 541

Delta R.T. -0.01 min

Lab File: VW016400.D

Acq: 28 Aug 2020 14:08

Instrument :

MSVOA_W

ClientSampleId :

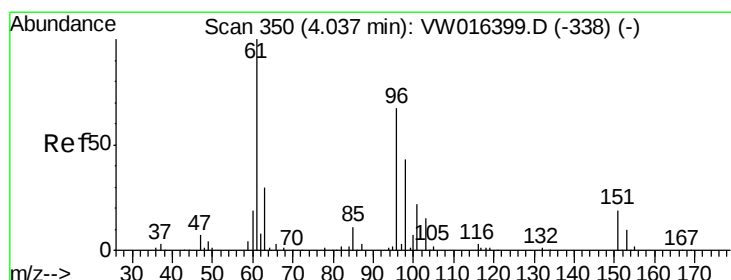
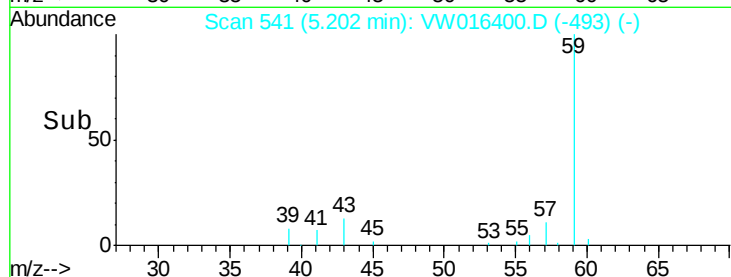
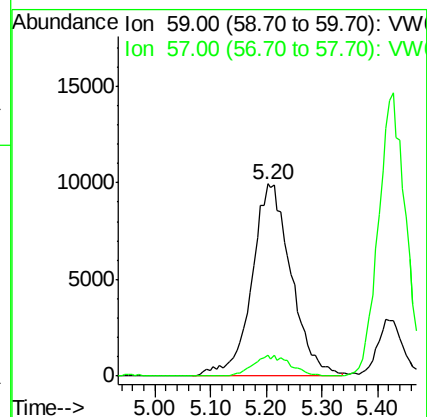
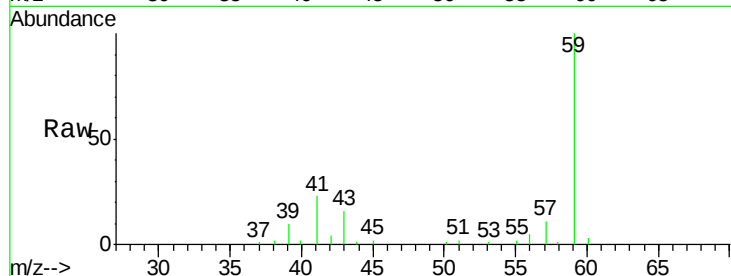
VSTDIC100

Tgt Ion: 59 Resp: 49012

Ion Ratio Lower Upper

59 100

57 10.3 8.2 12.4



#12

1,1-Dichloroethene

Concen: 88.996 ug/l

RT: 4.04 min Scan# 350

Delta R.T. 0.00 min

Lab File: VW016400.D

Acq: 28 Aug 2020 14:08

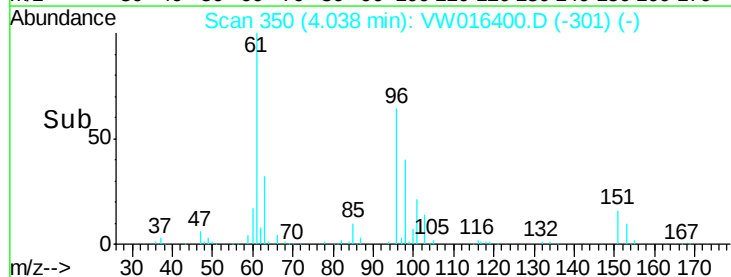
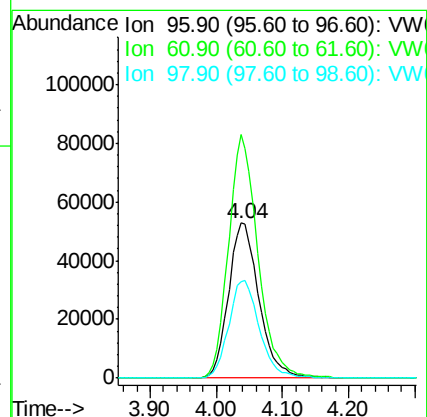
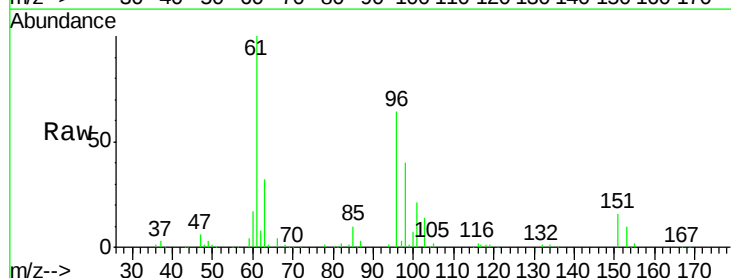
Tgt Ion: 96 Resp: 168803

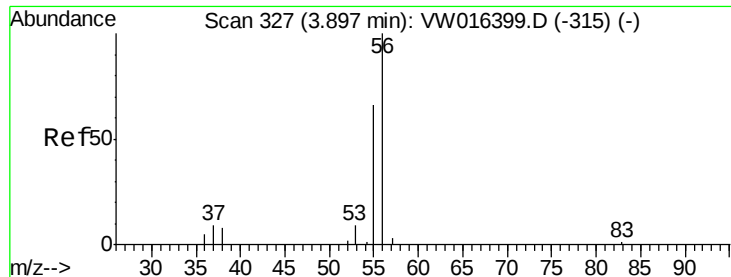
Ion Ratio Lower Upper

96 100

61 157.1 119.0 178.4

98 62.2 50.6 76.0





#13

Acrolein

Concen: 312.072 ug/l

RT: 3.90 min Scan# 327

Delta R.T. 0.00 min

Lab File: VW016400.D

Acq: 28 Aug 2020 14:08

Instrument :

MSVOA_W

ClientSampleId :

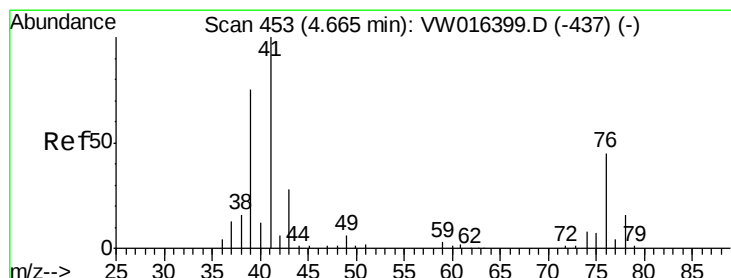
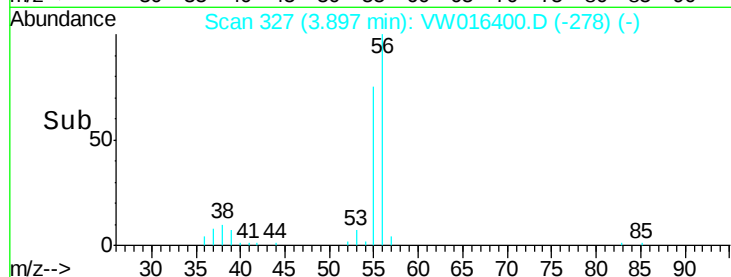
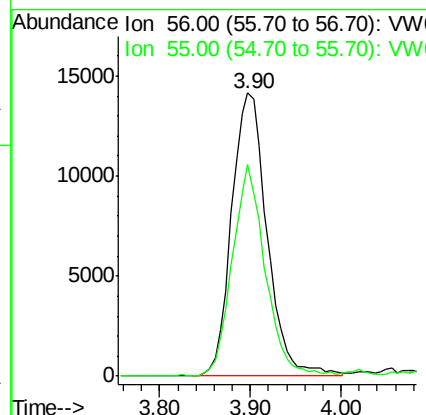
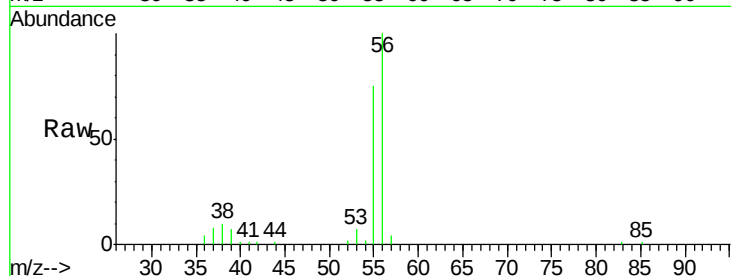
VSTDIC100

Tgt Ion: 56 Resp: 38410

Ion Ratio Lower Upper

56 100

55 69.3 54.8 82.2



#14

Allyl chloride

Concen: 83.962 ug/l

RT: 4.67 min Scan# 453

Delta R.T. 0.00 min

Lab File: VW016400.D

Acq: 28 Aug 2020 14:08

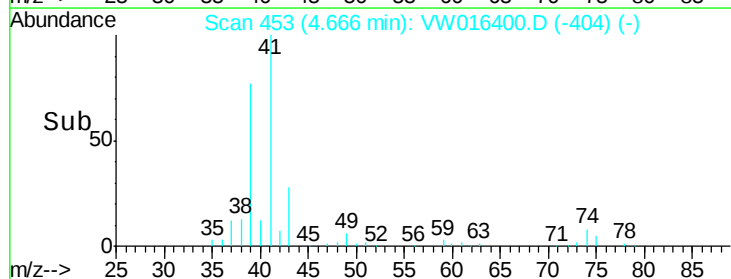
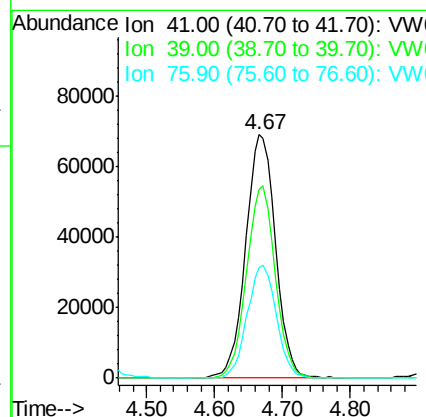
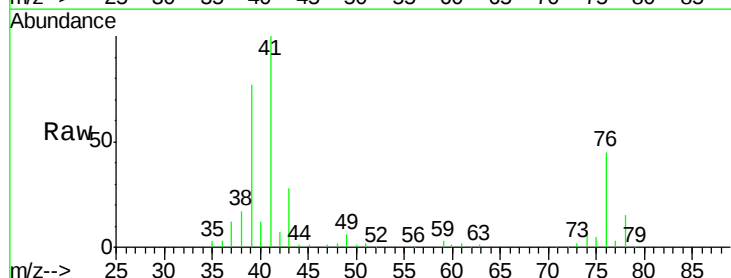
Tgt Ion: 41 Resp: 210922

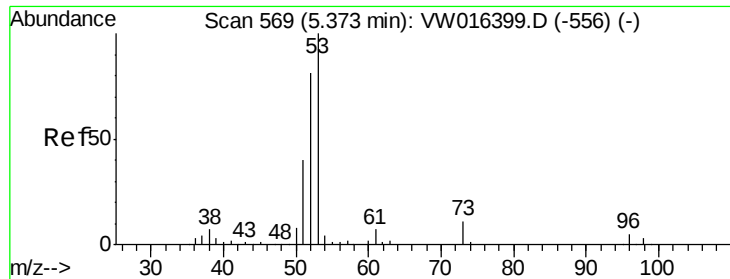
Ion Ratio Lower Upper

41 100

39 75.9 60.2 90.2

76 45.2 35.7 53.5





#15

Acrylonitrile

Concen: 465.281 ug/l

RT: 5.37 min Scan# 569

Delta R.T. 0.00 min

Lab File: VW016400.D

Acq: 28 Aug 2020 14:08

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC100

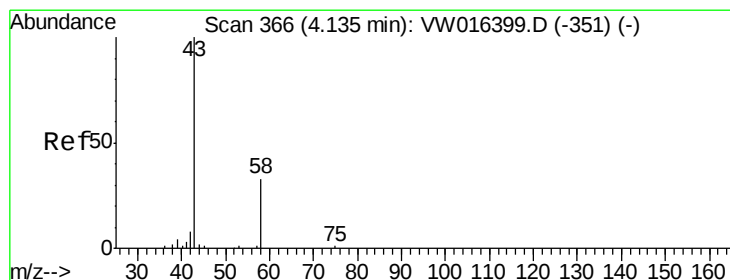
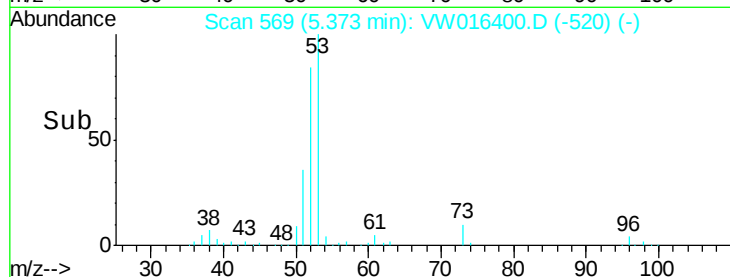
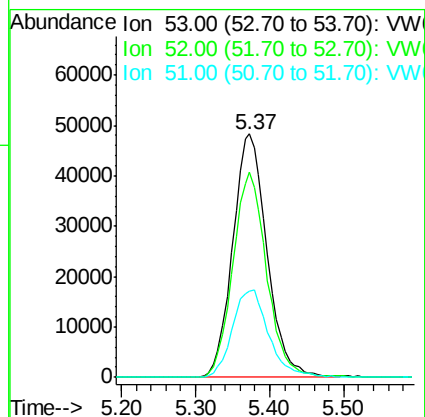
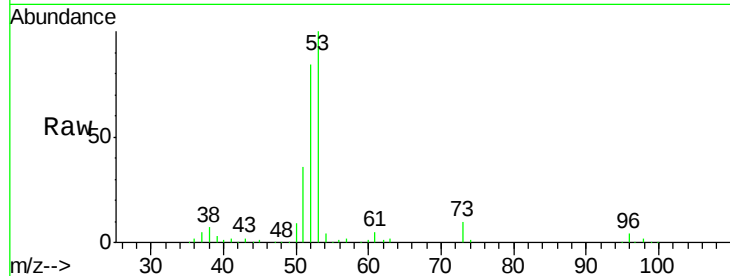
Tgt Ion: 53 Resp: 155640

Ion Ratio Lower Upper

53 100

52 83.3 66.1 99.1

51 38.2 29.9 44.9



#16

Acetone

Concen: 458.009 ug/l

RT: 4.14 min Scan# 366

Delta R.T. 0.00 min

Lab File: VW016400.D

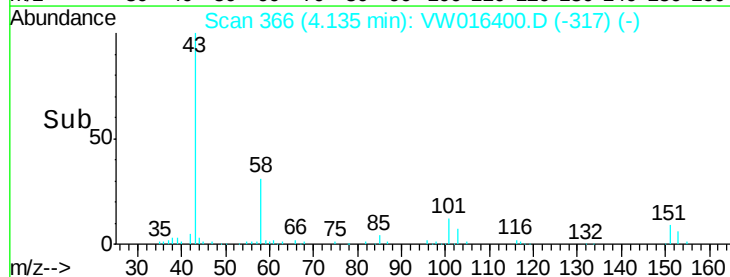
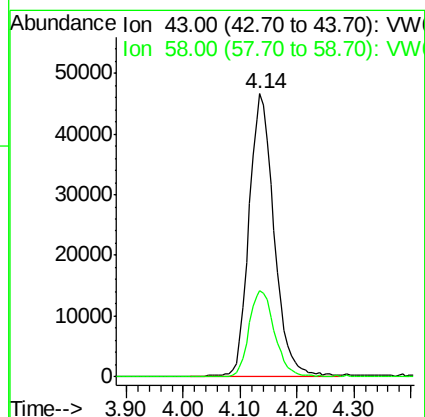
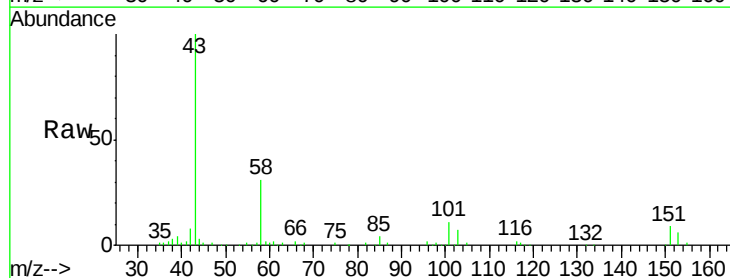
Acq: 28 Aug 2020 14:08

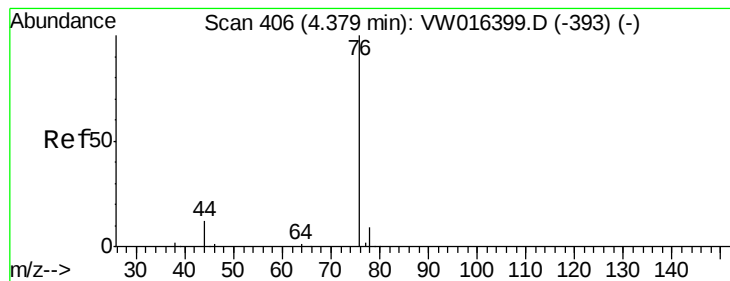
Tgt Ion: 43 Resp: 143635

Ion Ratio Lower Upper

43 100

58 30.6 26.6 39.8





#17

Carbon Disulfide

Concen: 85.921 ug/l

RT: 4.38 min Scan# 406

Delta R.T. 0.00 min

Lab File: VW016400.D

Acq: 28 Aug 2020 14:08

Instrument :

MSVOA_W

ClientSampleId :

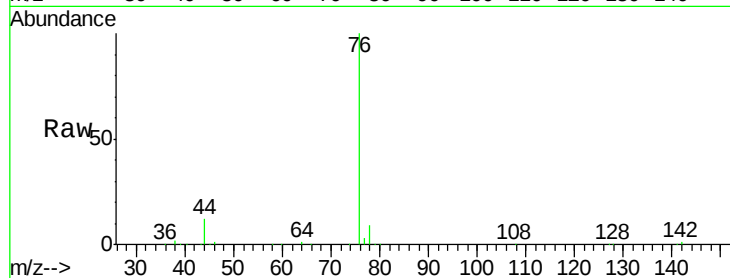
VSTDIC100

Tgt Ion: 76 Resp: 475367

Ion Ratio Lower Upper

76 100

78 9.1 7.4 11.2



Abundance Ion 75.90 (75.60 to 76.60): VW

Ion 77.90 (77.60 to 78.60): VW

4.38

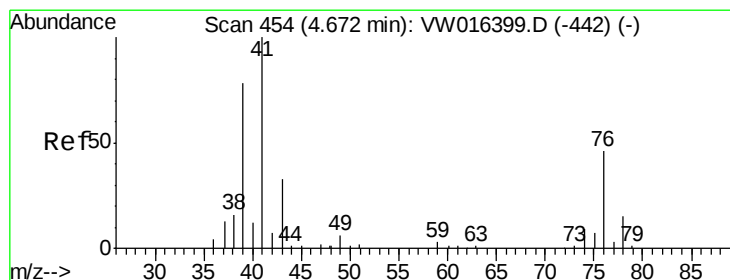
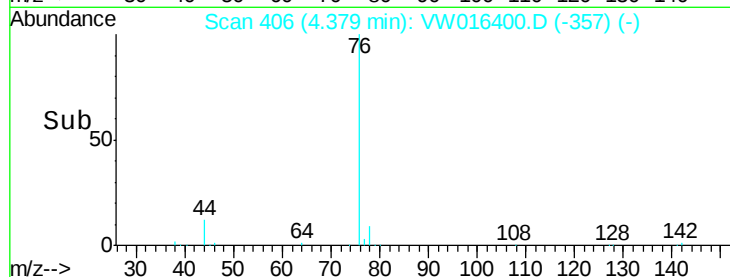
150000

100000

50000

0

Time-->



#18

Methyl Acetate

Concen: 87.808 ug/l

RT: 4.67 min Scan# 454

Delta R.T. 0.00 min

Lab File: VW016400.D

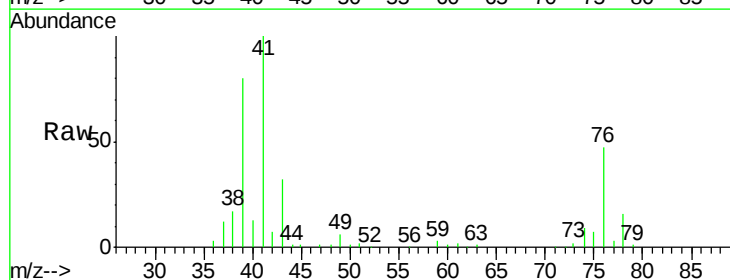
Acq: 28 Aug 2020 14:08

Tgt Ion: 43 Resp: 65819

Ion Ratio Lower Upper

43 100

74 29.5 23.2 34.8



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 74.00 (73.70 to 74.70): VW

4.67

25000

20000

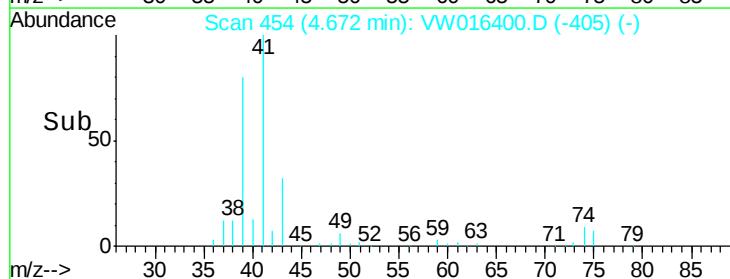
15000

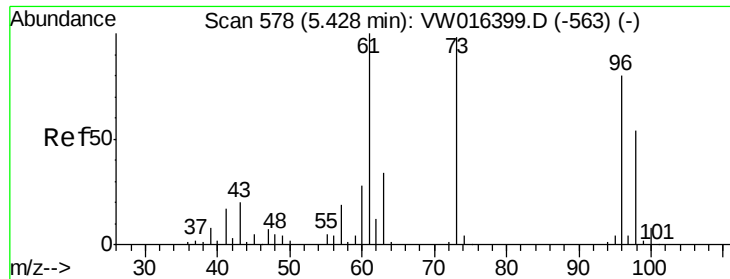
10000

5000

0

Time-->

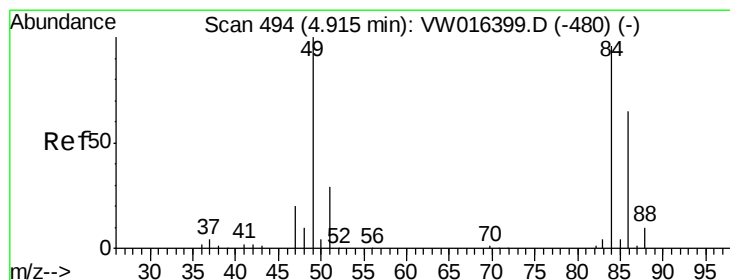
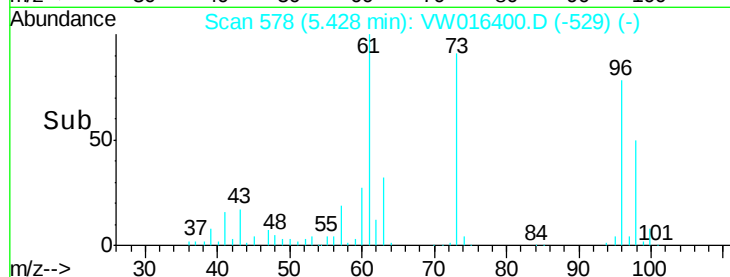
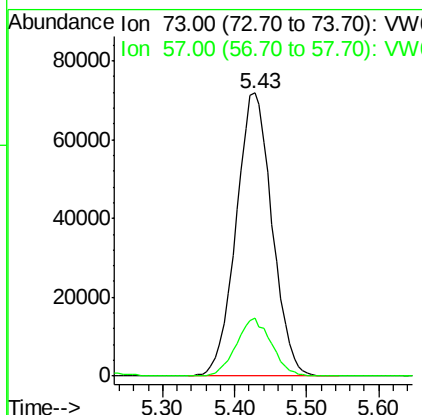
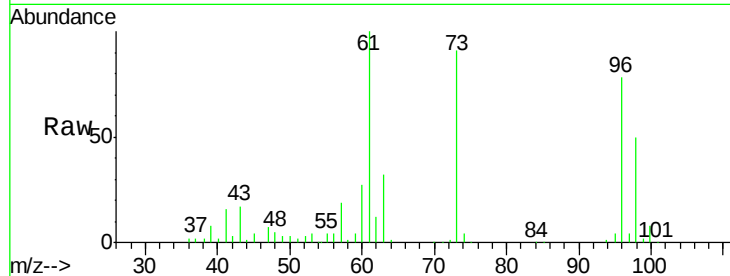




#19
Methyl tert-butyl Ether
Concen: 104.199 ug/l
RT: 5.43 min Scan# 578
Delta R.T. 0.00 min
Lab File: VW016400.D
Acq: 28 Aug 2020 14:08

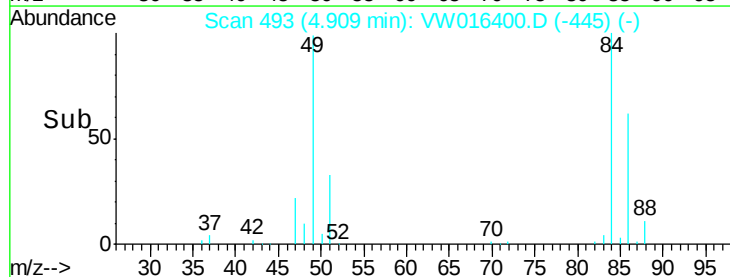
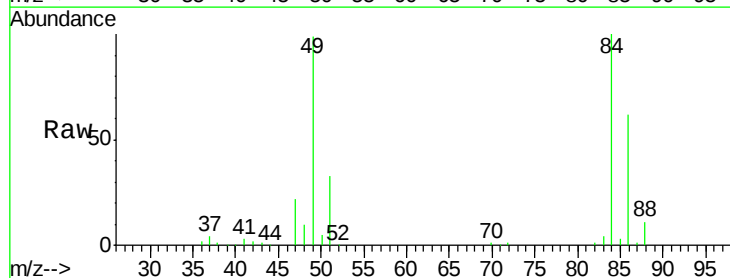
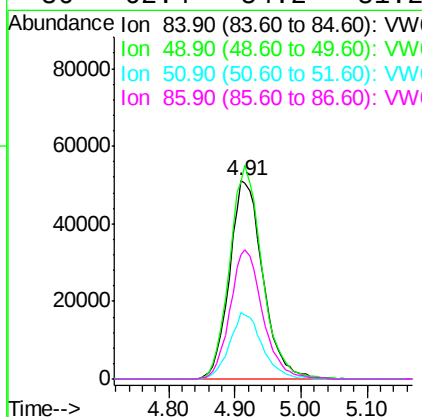
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC100

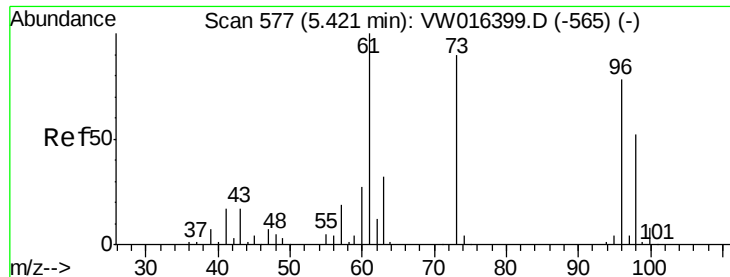
Tgt Ion: 73 Resp: 248822
Ion Ratio Lower Upper
73 100
57 20.4 15.0 22.6



#20
Methylene Chloride
Concen: 73.699 ug/l
RT: 4.91 min Scan# 493
Delta R.T. -0.01 min
Lab File: VW016400.D
Acq: 28 Aug 2020 14:08

Tgt Ion: 84 Resp: 178764
Ion Ratio Lower Upper
84 100
49 99.4 83.2 124.8
51 33.3 24.4 36.6
86 62.4 54.2 81.2





#21

trans-1,2-Dichloroethene

Concen: 89.368 ug/l

RT: 5.42 min Scan# 577

Delta R.T. 0.00 min

Lab File: VW016400.D

Acq: 28 Aug 2020 14:08

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC100

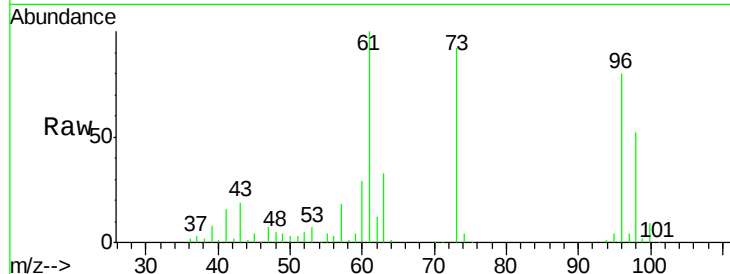
Tgt Ion: 96 Resp: 184800

Ion Ratio Lower Upper

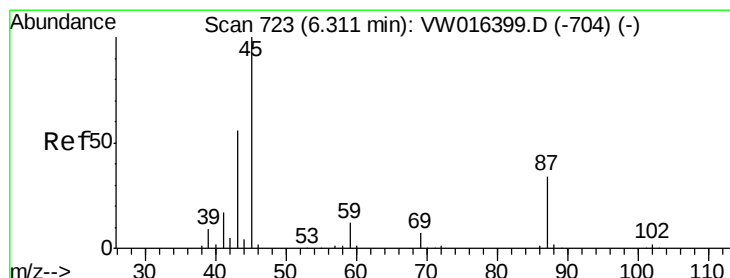
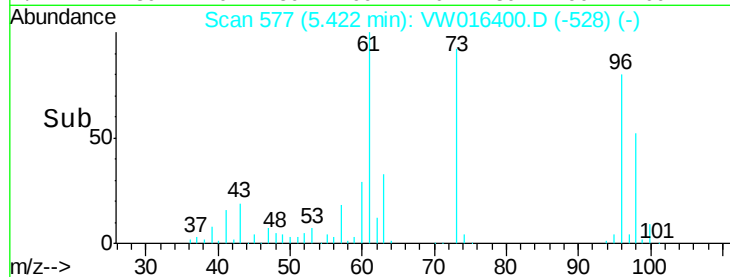
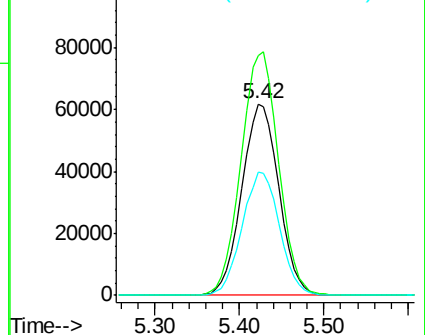
96 100

61 125.1 103.0 154.6

98 64.8 53.8 80.6



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: 85.698 ug/l

RT: 6.31 min Scan# 723

Delta R.T. 0.00 min

Lab File: VW016400.D

Acq: 28 Aug 2020 14:08

Tgt Ion: 45 Resp: 406482

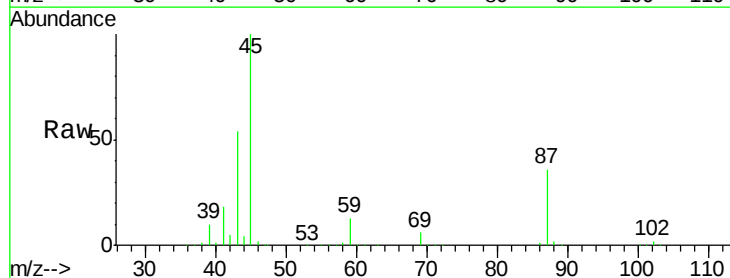
Ion Ratio Lower Upper

45 100

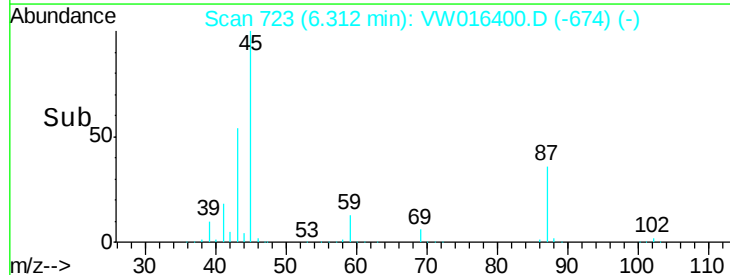
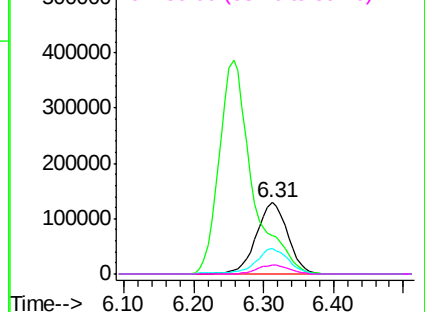
43 53.6 44.6 67.0

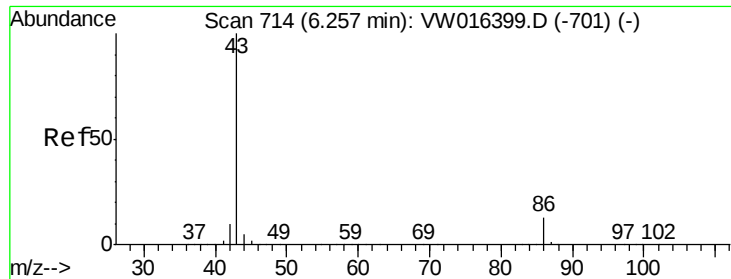
87 35.6 27.5 41.3

59 12.7 10.2 15.2



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: 466.450 ug/l

RT: 6.26 min Scan# 714

Delta R.T. 0.00 min

Lab File: VW016400.D

Acq: 28 Aug 2020 14:08

Instrument :

MSVOA_W

ClientSampleId :

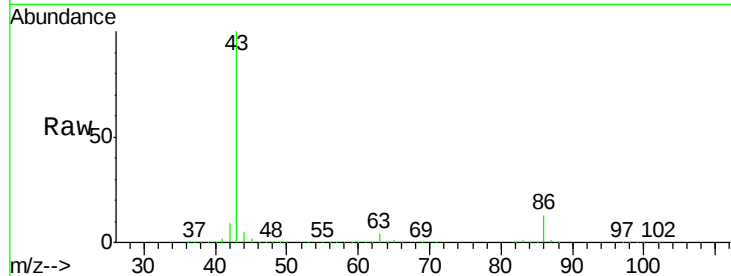
VSTDIC100

Tgt Ion: 43 Resp: 1271214

Ion Ratio Lower Upper

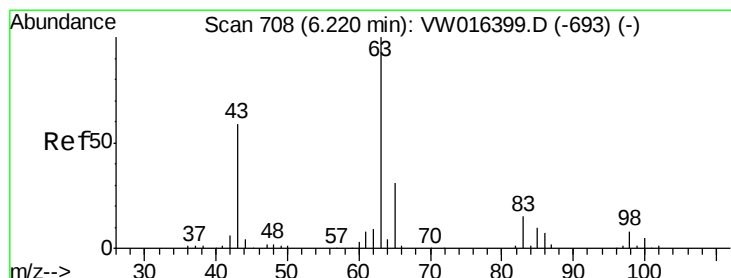
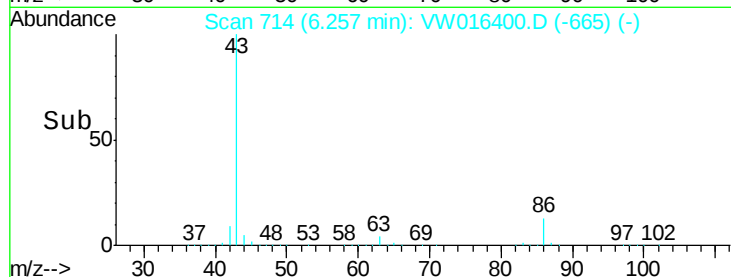
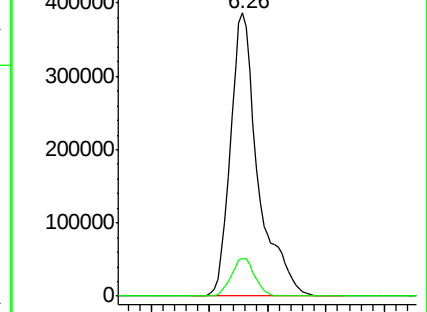
43 100

86 13.4 10.6 15.8



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 86.00 (85.70 to 86.70): VW



#24

1,1-Dichloroethane

Concen: 87.615 ug/l

RT: 6.22 min Scan# 708

Delta R.T. 0.00 min

Lab File: VW016400.D

Acq: 28 Aug 2020 14:08

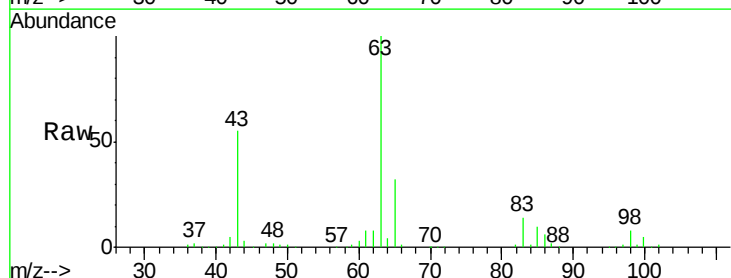
Tgt Ion: 63 Resp: 292580

Ion Ratio Lower Upper

63 100

98 8.0 3.8 11.2

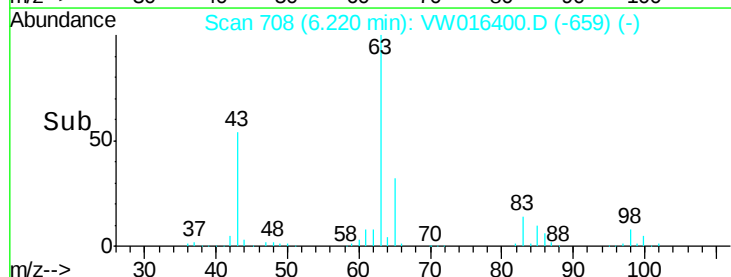
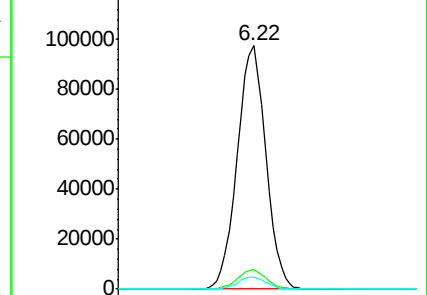
100 5.1 2.5 7.5

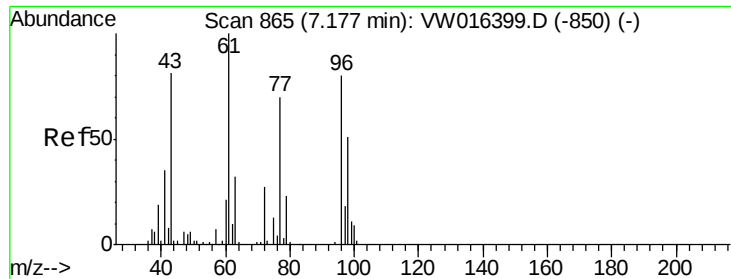


Abundance Ion 62.90 (62.60 to 63.60): VW

Ion 97.90 (97.60 to 98.60): VW

Ion 99.90 (99.60 to 100.60): VW





#25

2-Butanone

Concen: 443.423 ug/l

RT: 7.18 min Scan# 865

Delta R.T. 0.00 min

Lab File: VW016400.D

Acq: 28 Aug 2020 14:08

Instrument :

MSVOA_W

ClientSampleId :

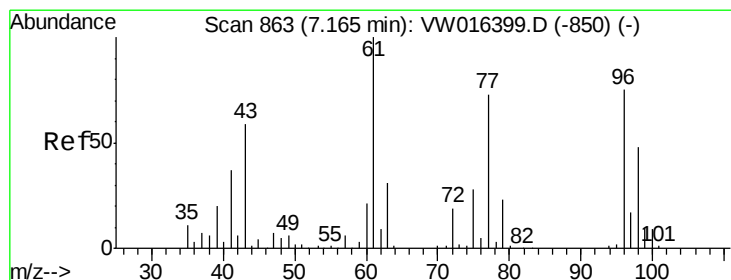
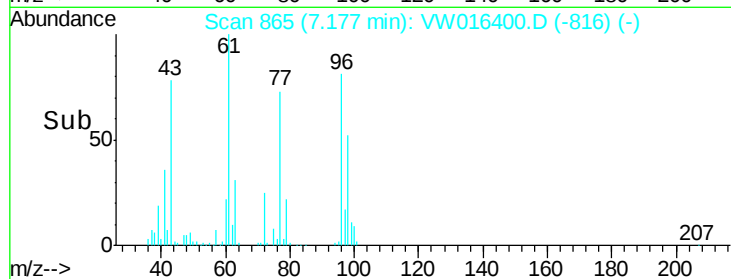
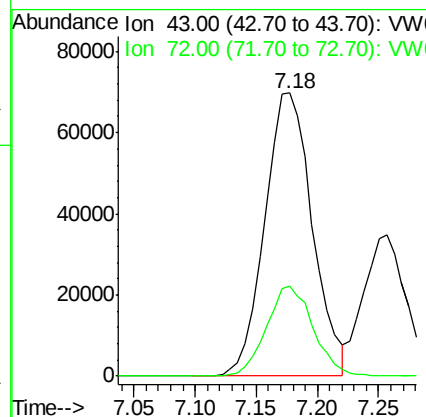
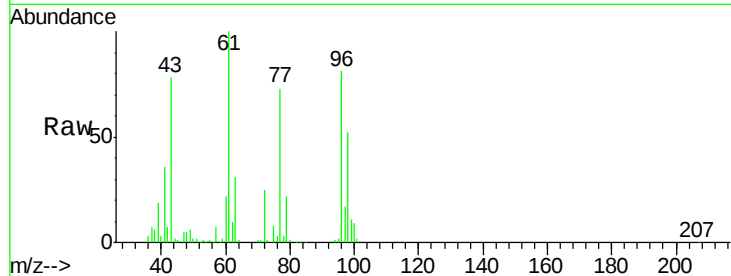
VSTDICC100

Tgt Ion: 43 Resp: 188961

Ion Ratio Lower Upper

43 100

72 31.9 26.7 40.1



#26

2,2-Dichloropropane

Concen: 94.331 ug/l

RT: 7.17 min Scan# 864

Delta R.T. 0.01 min

Lab File: VW016400.D

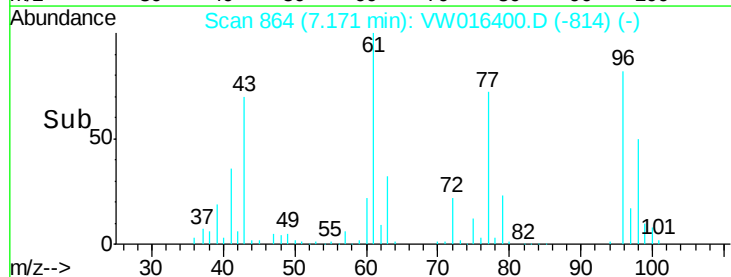
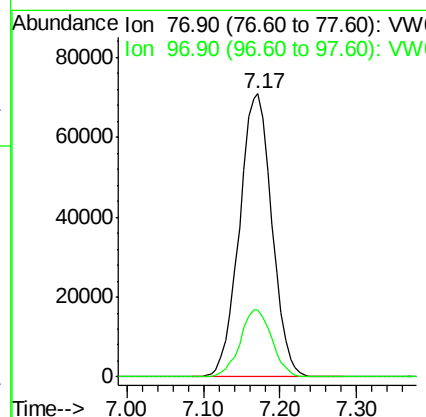
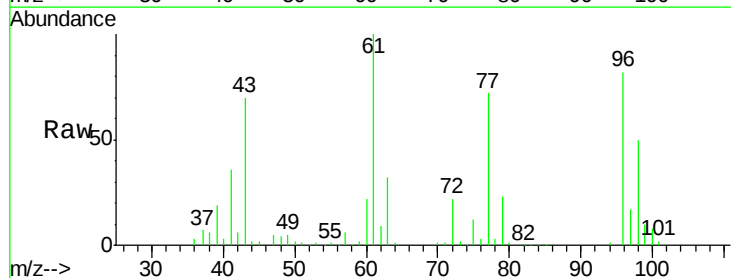
Acq: 28 Aug 2020 14:08

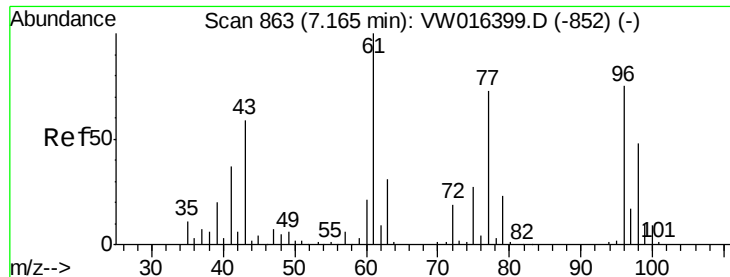
Tgt Ion: 77 Resp: 208361

Ion Ratio Lower Upper

77 100

97 23.2 11.7 35.0



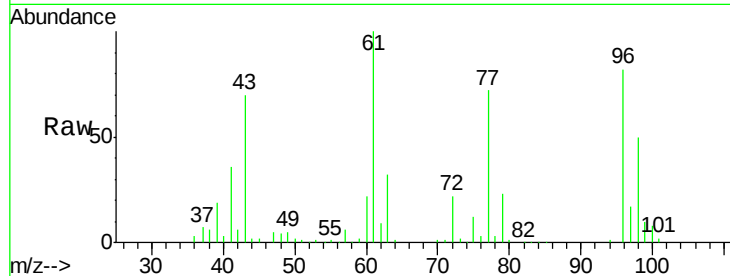


#27

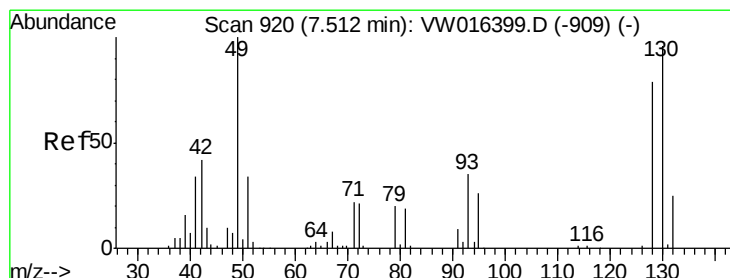
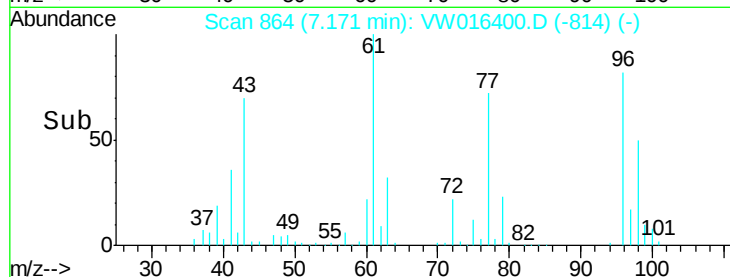
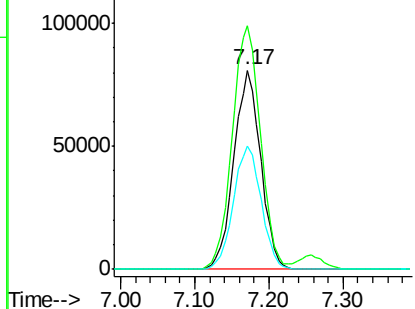
cis-1,2-Dichloroethene
Concen: 95.237 ug/l
RT: 7.17 min Scan# 864
Delta R.T. 0.01 min
Lab File: VW016400.D
Acq: 28 Aug 2020 14:08

Instrument :
MSVOA_W
ClientSampled :
VSTDIC100

Tgt Ion: 96 Resp: 204645
Ion Ratio Lower Upper
96 100
61 128.4 0.0 268.6
98 64.0 0.0 130.0



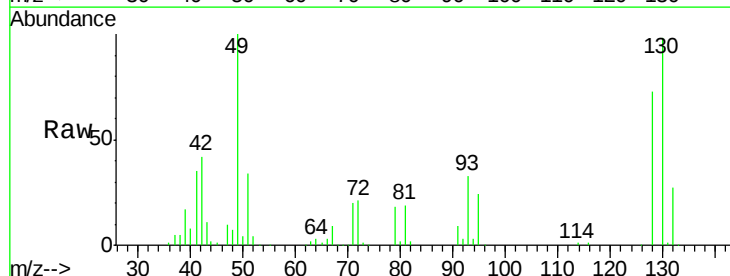
Abundance Ion 95.90 (95.60 to 96.60): VW
Ion 60.90 (60.60 to 61.60): VW
Ion 97.90 (97.60 to 98.60): VW



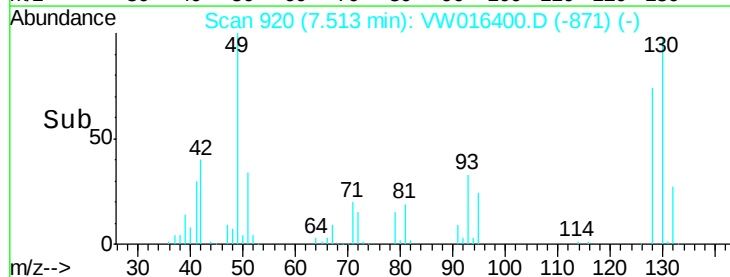
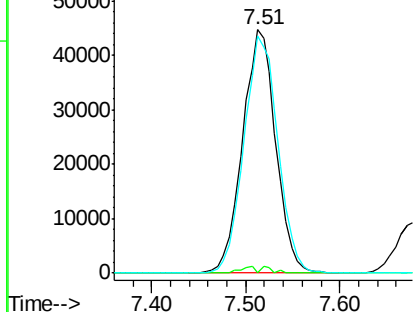
#28

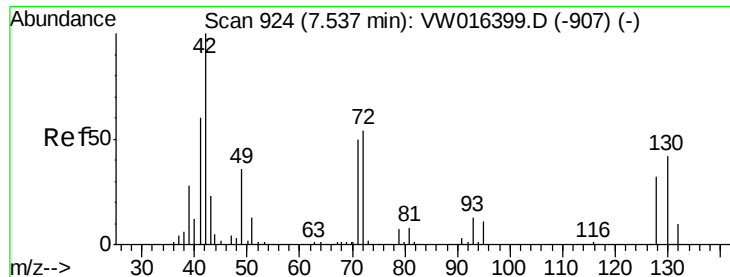
Bromochloromethane
Concen: 88.184 ug/l
RT: 7.51 min Scan# 920
Delta R.T. 0.00 min
Lab File: VW016400.D
Acq: 28 Aug 2020 14:08

Tgt Ion: 49 Resp: 110253
Ion Ratio Lower Upper
49 100
129 1.0 0.0 1.8
130 100.1 80.8 121.2



Abundance Ion 48.90 (48.60 to 49.60): VW
Ion 128.80 (128.50 to 129.50): V
Ion 129.80 (129.50 to 130.50): V

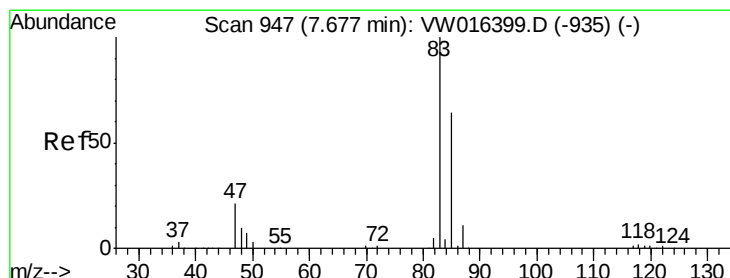
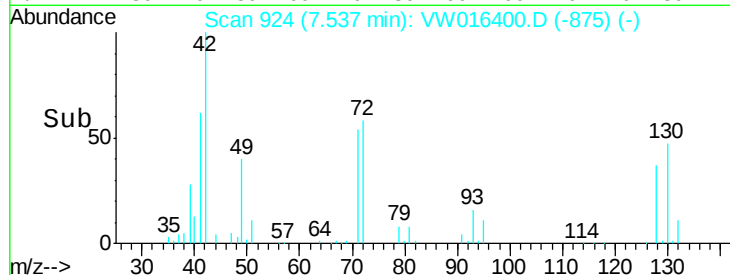
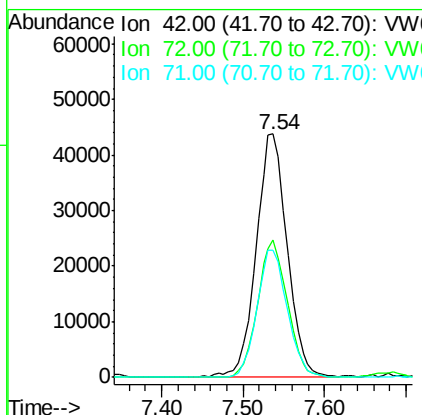
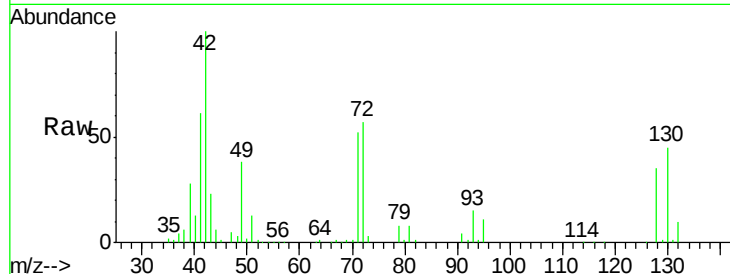




#29
Tetrahydrofuran
Concen: 453.963 ug/l
RT: 7.54 min Scan# 924
Delta R.T. 0.00 min
Lab File: VW016400.D
Acq: 28 Aug 2020 14:08

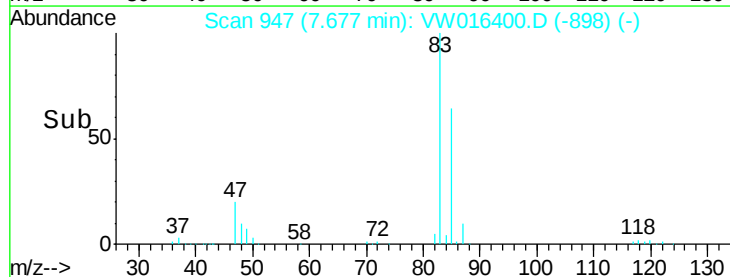
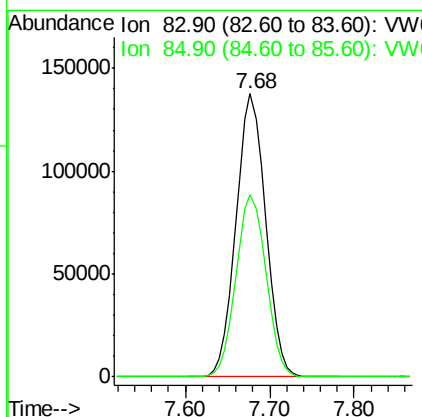
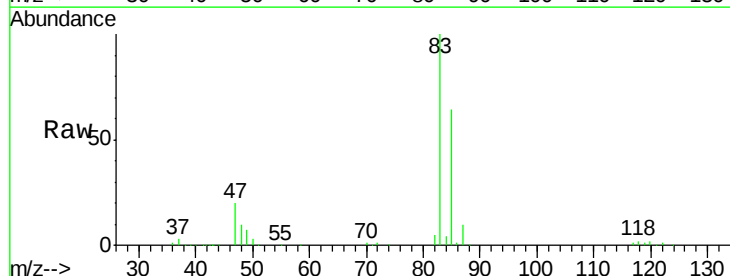
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC100

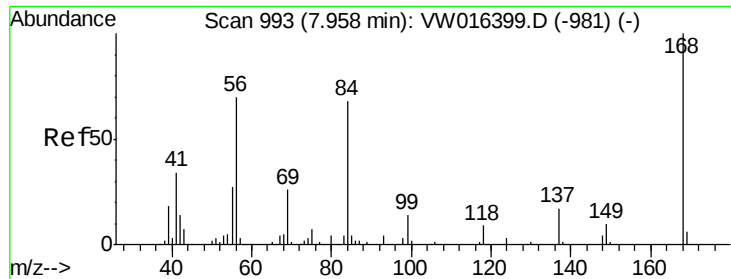
Tgt Ion: 42 Resp: 116309
Ion Ratio Lower Upper
42 100
72 54.2 42.3 63.5
71 51.2 39.5 59.3



#30
Chloroform
Concen: 92.594 ug/l
RT: 7.68 min Scan# 947
Delta R.T. 0.00 min
Lab File: VW016400.D
Acq: 28 Aug 2020 14:08

Tgt Ion: 83 Resp: 326213
Ion Ratio Lower Upper
83 100
85 64.3 51.6 77.4

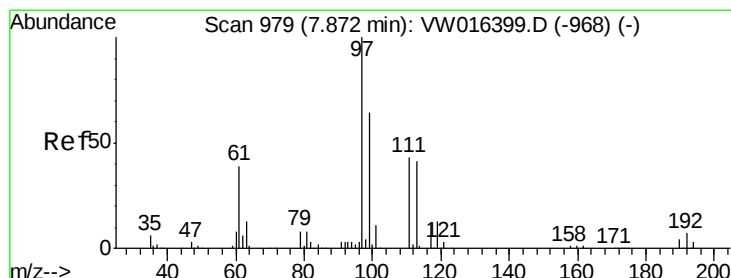
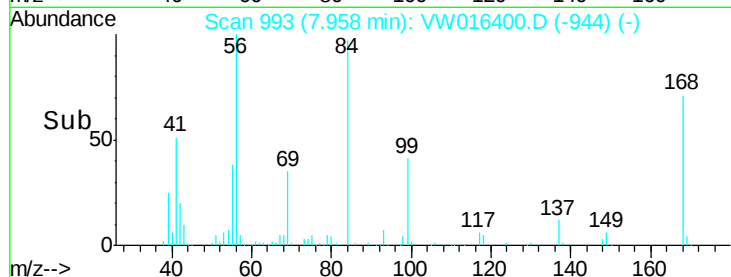
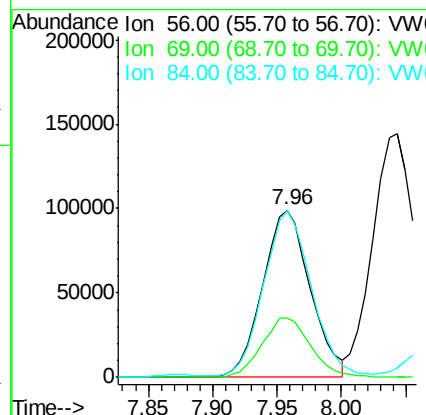
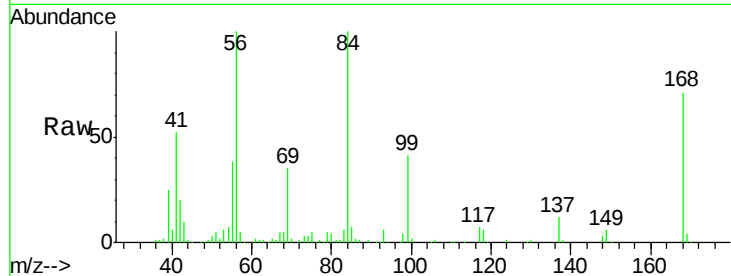




#31
Cyclohexane
Concen: 82.601 ug/l
RT: 7.96 min Scan# 993
Delta R.T. 0.00 min
Lab File: VW016400.D
Acq: 28 Aug 2020 14:08

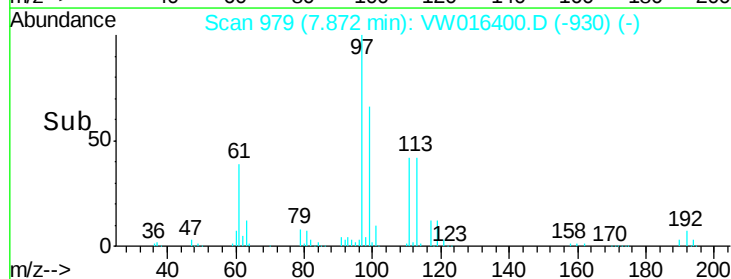
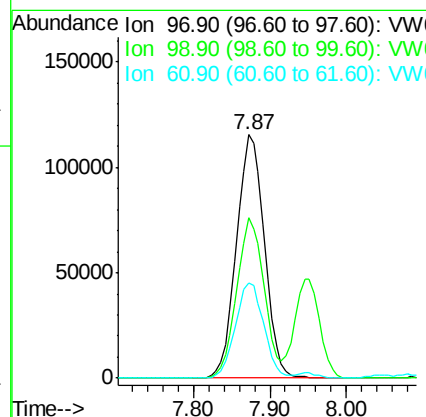
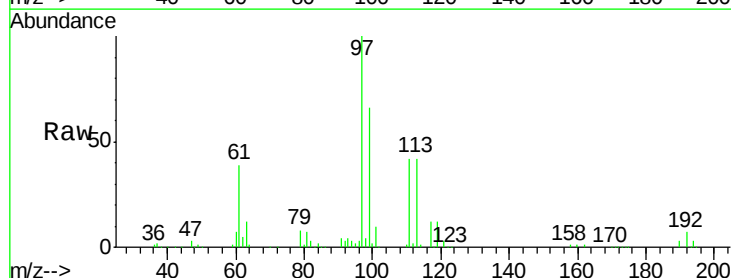
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC100

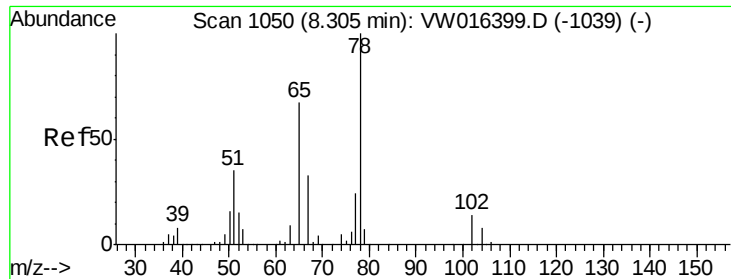
Tgt Ion: 56 Resp: 253109
Ion Ratio Lower Upper
56 100
69 35.3 30.0 45.0
84 98.8 77.4 116.2



#32
1,1,1-Trichloroethane
Concen: 98.016 ug/l
RT: 7.87 min Scan# 979
Delta R.T. 0.00 min
Lab File: VW016400.D
Acq: 28 Aug 2020 14:08

Tgt Ion: 97 Resp: 292247
Ion Ratio Lower Upper
97 100
99 64.8 52.0 78.0
61 39.6 31.0 46.6

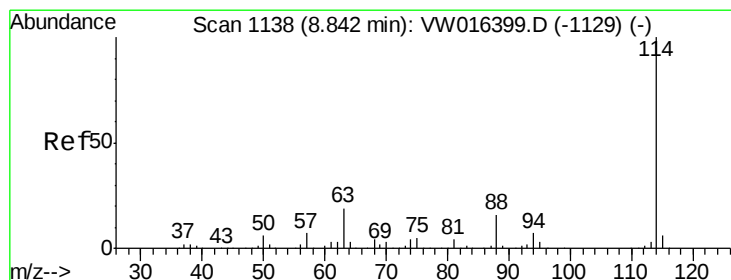
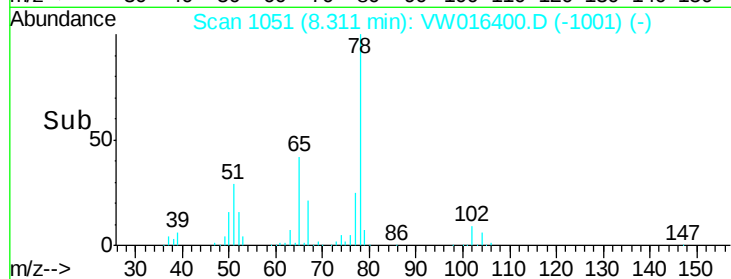
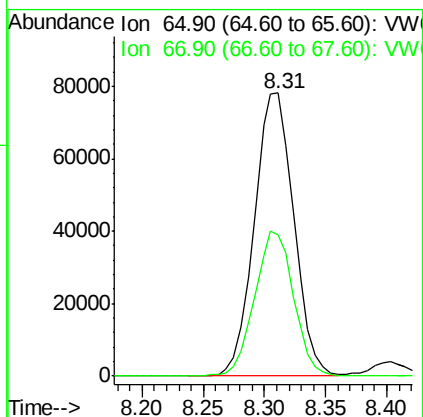
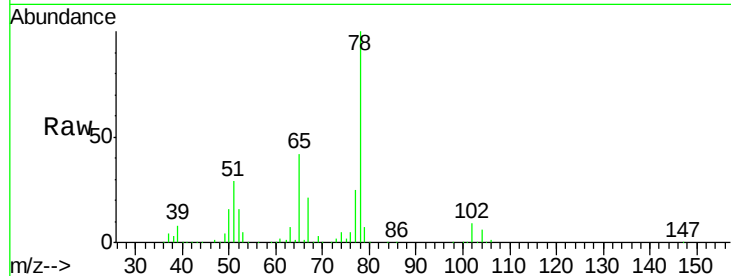




#33
 1,2-Dichloroethane-d4
 Concen: 102.825 ug/l
 RT: 8.31 min Scan# 1051
 Delta R.T. 0.01 min
 Lab File: VW016400.D
 Acq: 28 Aug 2020 14:08

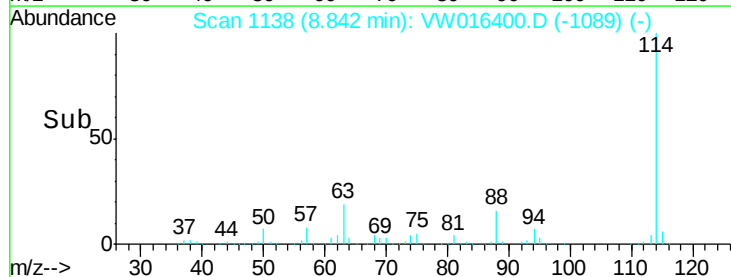
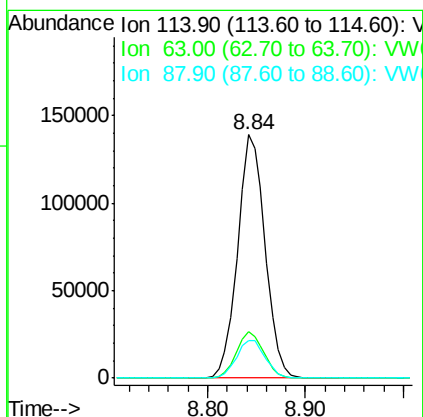
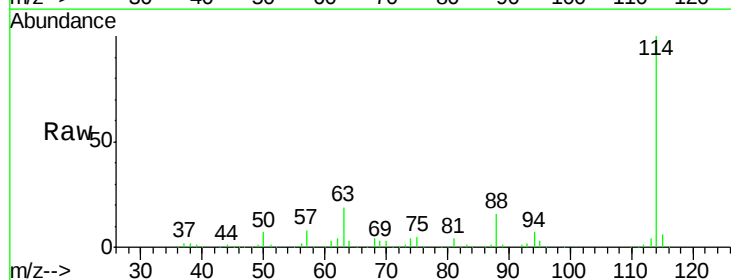
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC100

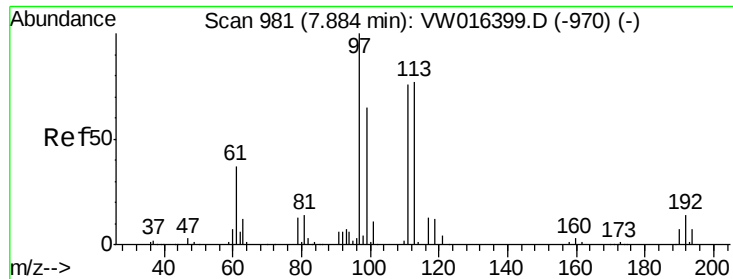
Tgt Ion: 65 Resp: 175342
 Ion Ratio Lower Upper
 65 100
 67 50.5 0.0 100.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. 0.00 min
 Lab File: VW016400.D
 Acq: 28 Aug 2020 14:08

Tgt Ion: 114 Resp: 270101
 Ion Ratio Lower Upper
 114 100
 63 18.9 0.0 37.8
 88 15.6 0.0 31.2

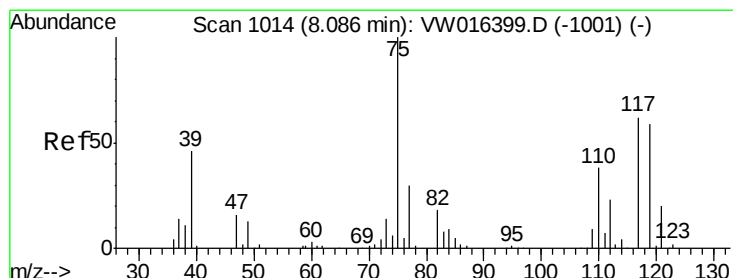
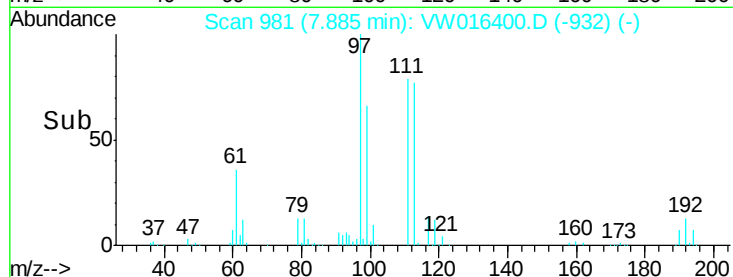
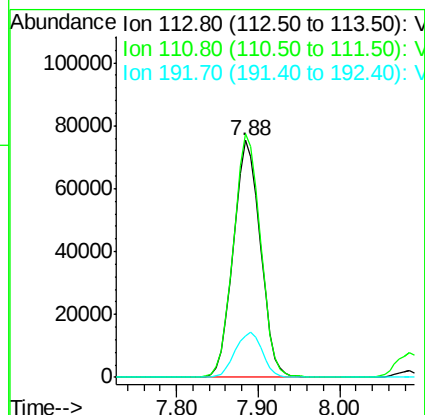
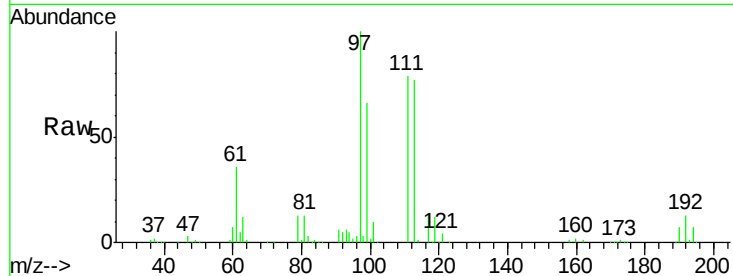




#35
 Dibromofluoromethane
 Concen: 103.759 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. 0.00 min
 Lab File: VW016400.D
 Acq: 28 Aug 2020 14:08

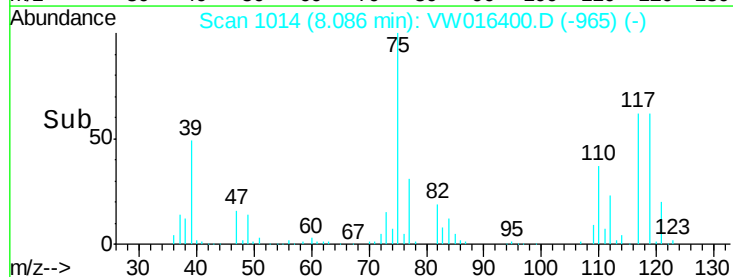
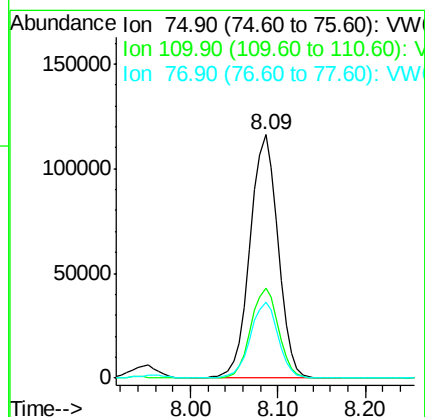
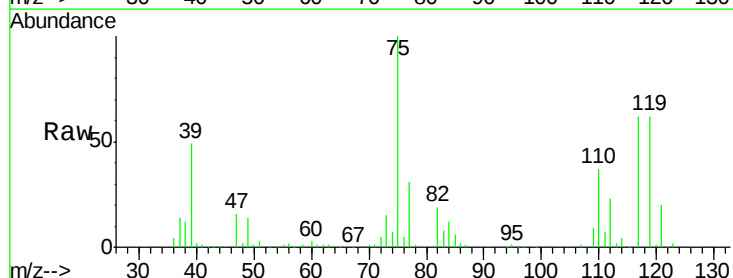
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC100

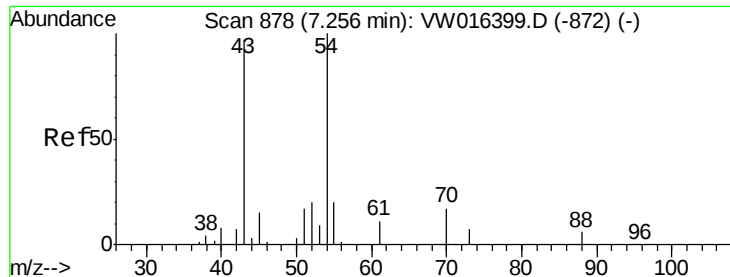
Tgt Ion:113 Resp: 171968
 Ion Ratio Lower Upper
 113 100
 111 103.0 82.1 123.1
 192 19.2 15.5 23.3



#36
 1,1-Dichloropropene
 Concen: 97.198 ug/l
 RT: 8.09 min Scan# 1014
 Delta R.T. 0.00 min
 Lab File: VW016400.D
 Acq: 28 Aug 2020 14:08

Tgt Ion: 75 Resp: 258662
 Ion Ratio Lower Upper
 75 100
 110 36.5 18.6 56.0
 77 30.9 25.1 37.7





#37

Ethyl Acetate

Concen: 96.939 ug/l

RT: 7.26 min Scan# 878

Delta R.T. 0.00 min

Lab File: VW016400.D

Acq: 28 Aug 2020 14:08

Instrument :

MSVOA_W

ClientSampled :

VSTDIC100

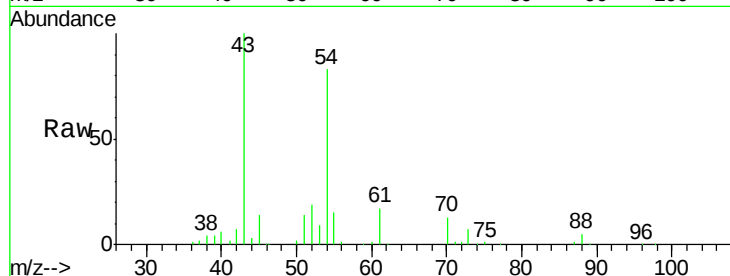
Tgt Ion: 43 Resp: 87381

Ion Ratio Lower Upper

43 100

61 16.0 11.5 17.3

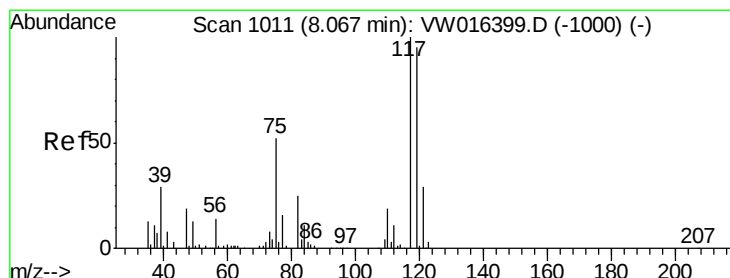
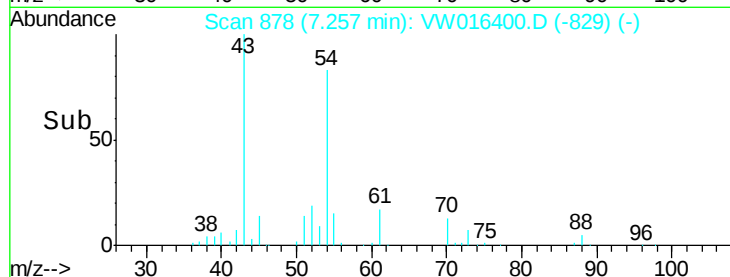
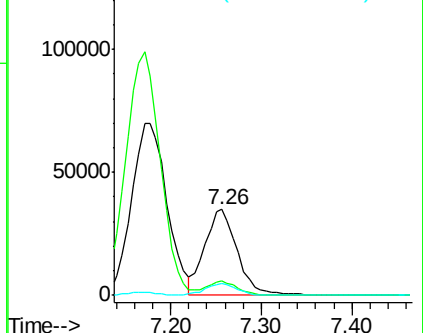
70 13.4 10.7 16.1



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 60.90 (60.60 to 61.60): VW

Ion 70.00 (69.70 to 70.70): VW



#38

Carbon Tetrachloride

Concen: 106.189 ug/l

RT: 8.07 min Scan# 1011

Delta R.T. 0.00 min

Lab File: VW016400.D

Acq: 28 Aug 2020 14:08

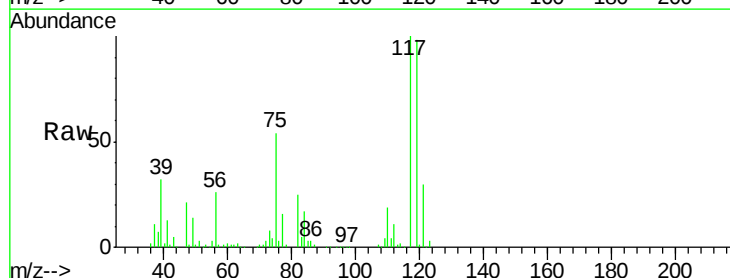
Tgt Ion: 117 Resp: 286843

Ion Ratio Lower Upper

117 100

119 97.6 76.3 114.5

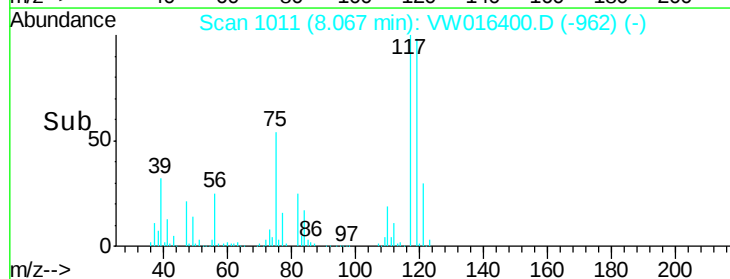
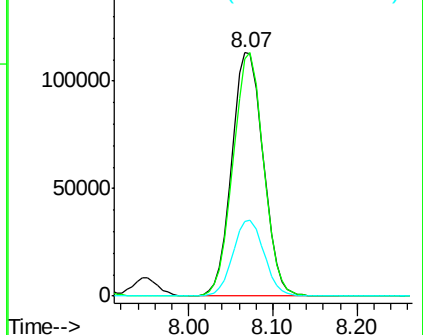
121 30.4 23.0 34.6

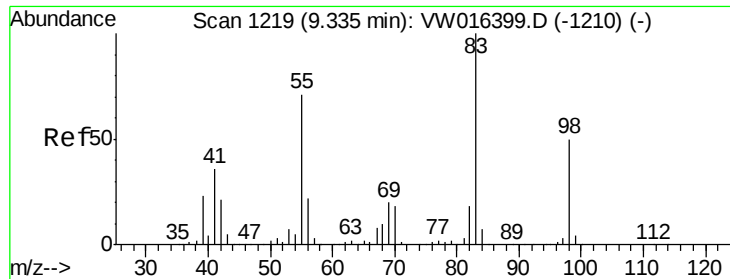


Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V

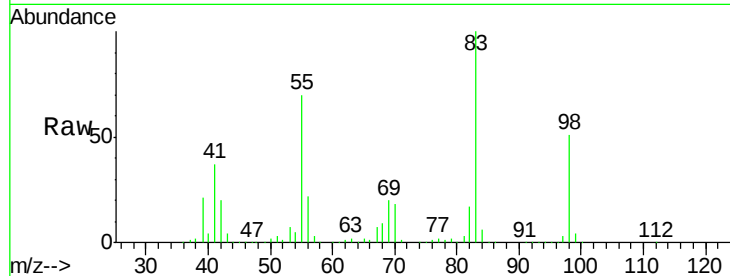




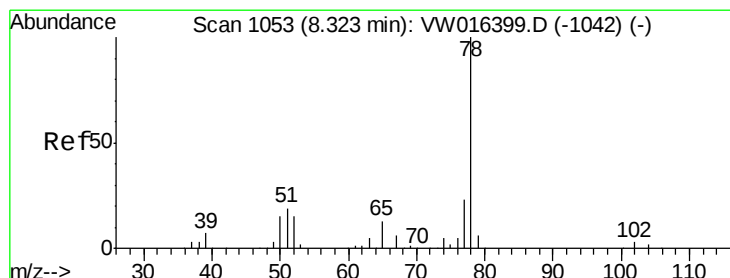
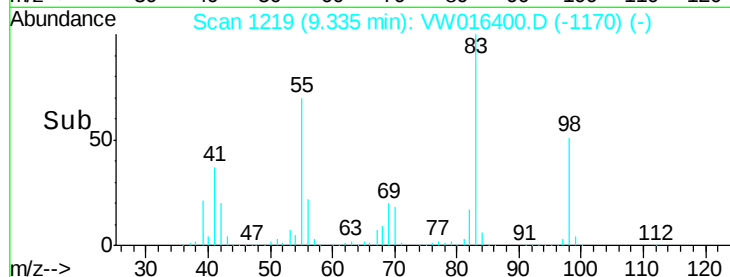
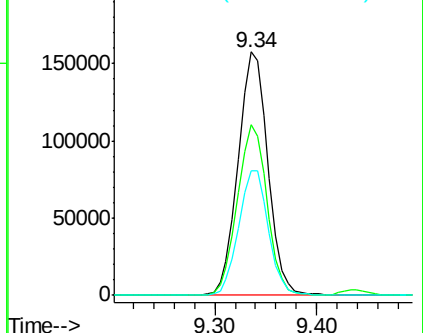
#39
Methylcyclohexane
Concen: 100.103 ug/l
RT: 9.34 min Scan# 1219
Delta R.T. 0.00 min
Lab File: VW016400.D
Acq: 28 Aug 2020 14:08

Instrument :
MSVOA_W
ClientSampleId :
VSTDICC100

Tgt Ion: 83 Resp: 320125
Ion Ratio Lower Upper
83 100
55 70.2 57.0 85.6
98 51.4 39.9 59.9

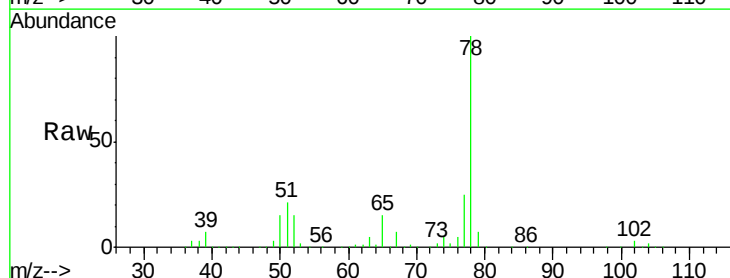


Abundance Ion 83.00 (82.70 to 83.70): VW
Ion 55.00 (54.70 to 55.70): VW
Ion 98.00 (97.70 to 98.70): VW

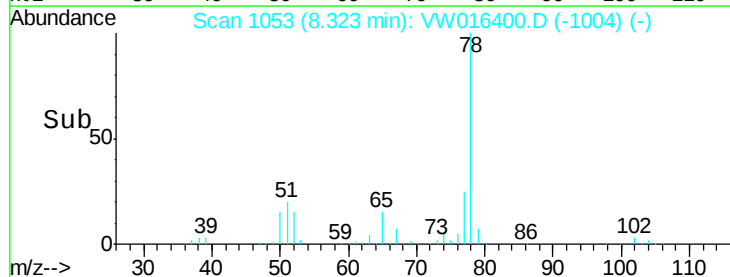
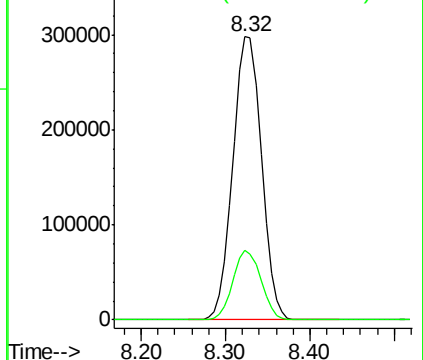


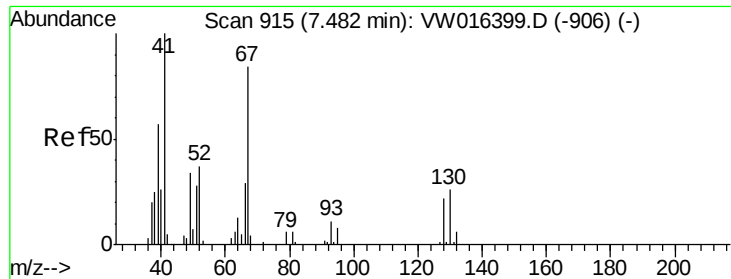
#40
Benzene
Concen: 91.989 ug/l
RT: 8.32 min Scan# 1053
Delta R.T. 0.00 min
Lab File: VW016400.D
Acq: 28 Aug 2020 14:08

Tgt Ion: 78 Resp: 684422
Ion Ratio Lower Upper
78 100
77 24.8 18.6 27.8



Abundance Ion 78.00 (77.70 to 78.70): VW
Ion 77.00 (76.70 to 77.70): VW

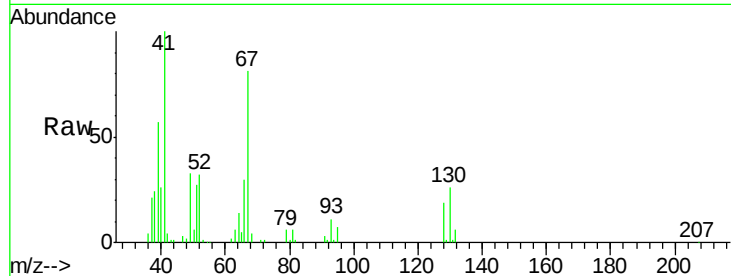




#41
Methacrylonitrile
Concen: 100.348 ug/l
RT: 7.48 min Scan# 915
Delta R.T. 0.00 min
Lab File: VW016400.D
Acq: 28 Aug 2020 14:08

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC100

Tgt Ion:	41	Resp:	51444
Ion	Ratio	Lower	Upper
41	100		
39	55.6	45.4	68.2
67	81.8	65.8	98.6
52	33.0	27.8	41.8



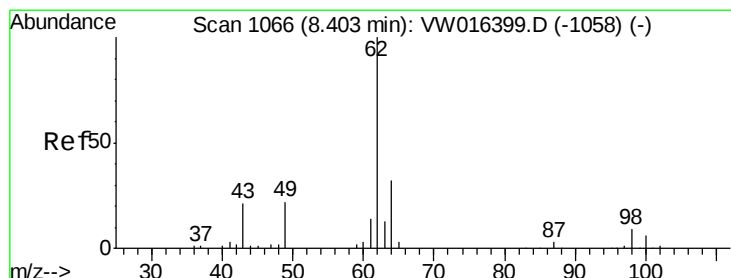
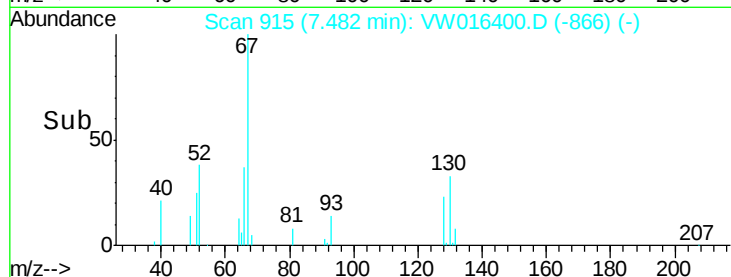
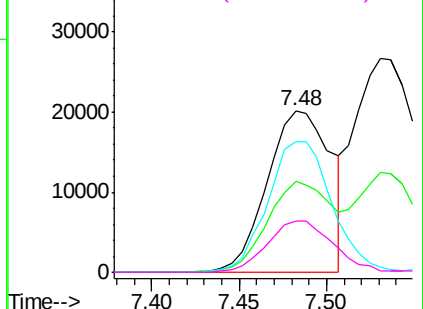
Abundance

Ion 41.00 (40.70 to 41.70): VW

Ion 39.00 (38.70 to 39.70): VW

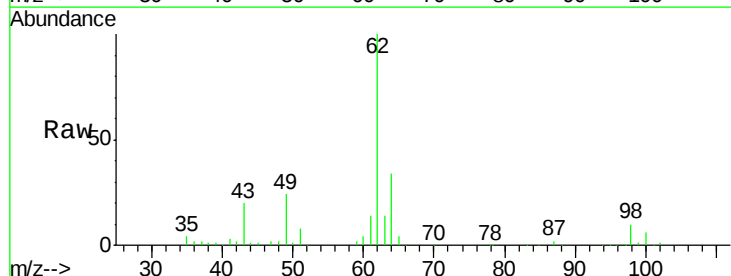
Ion 67.00 (66.70 to 67.70): VW

Ion 52.00 (51.70 to 52.70): VW



#42
1,2-Dichloroethane
Concen: 104.384 ug/l
RT: 8.40 min Scan# 1066
Delta R.T. 0.00 min
Lab File: VW016400.D
Acq: 28 Aug 2020 14:08

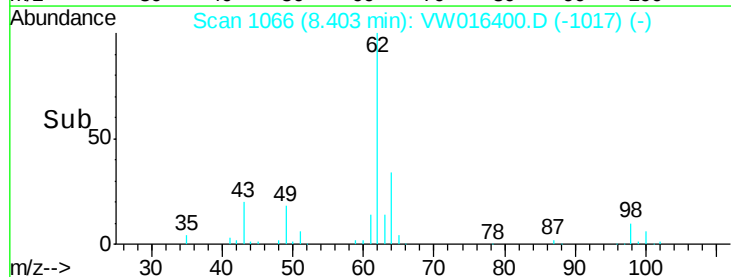
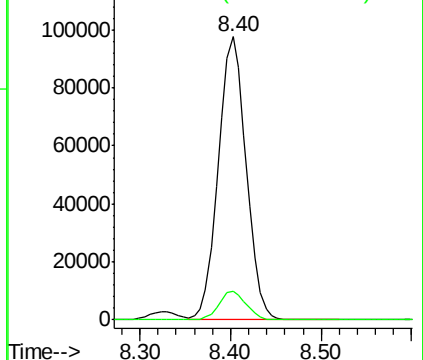
Tgt Ion:	62	Resp:	209125
Ion	Ratio	Lower	Upper
62	100		
98	9.9	0.0	19.8

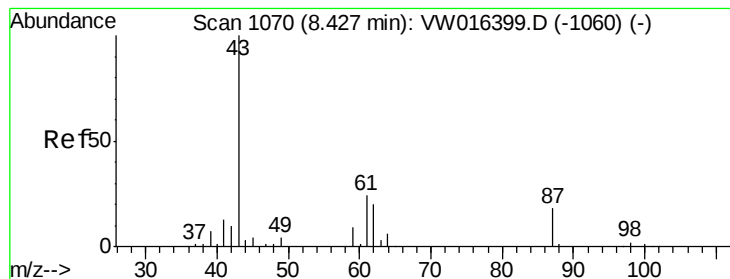


Abundance

Ion 61.90 (61.60 to 62.60): VW

Ion 97.90 (97.60 to 98.60): VW





#43

Isopropyl Acetate

Concen: 102.748 ug/l

RT: 8.43 min Scan# 1070

Delta R.T. 0.00 min

Lab File: VW016400.D

Acq: 28 Aug 2020 14:08

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC100

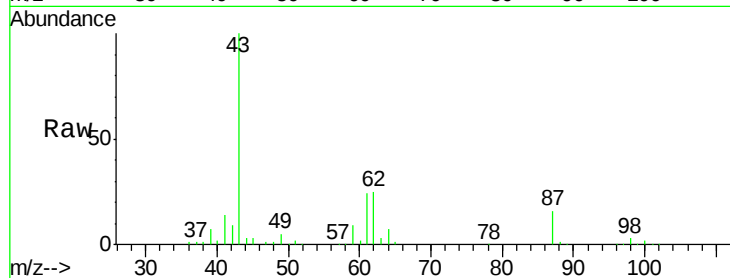
Tgt Ion: 43 Resp: 175642

Ion Ratio Lower Upper

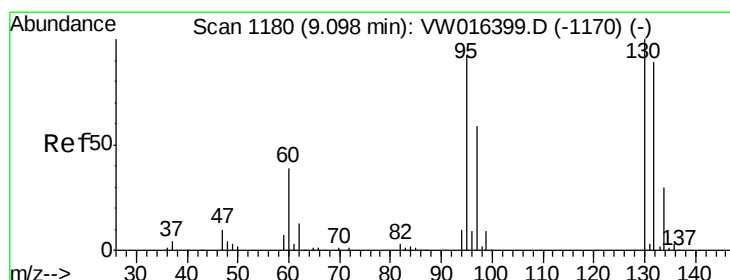
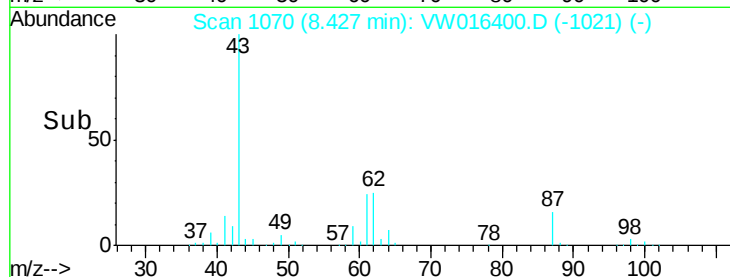
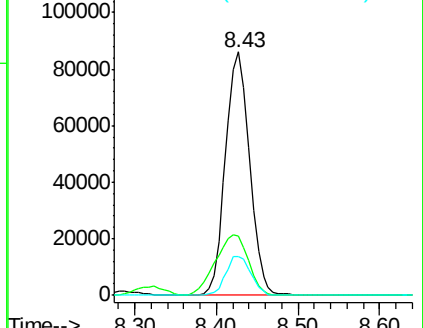
43 100

61 33.9 27.5 41.3

87 16.6 13.5 20.3



Abundance Ion 43.00 (42.70 to 43.70): VW
Ion 61.00 (60.70 to 61.70): VW
Ion 87.00 (86.70 to 87.70): VW



#44

Trichloroethene

Concen: 97.764 ug/l

RT: 9.10 min Scan# 1180

Delta R.T. 0.00 min

Lab File: VW016400.D

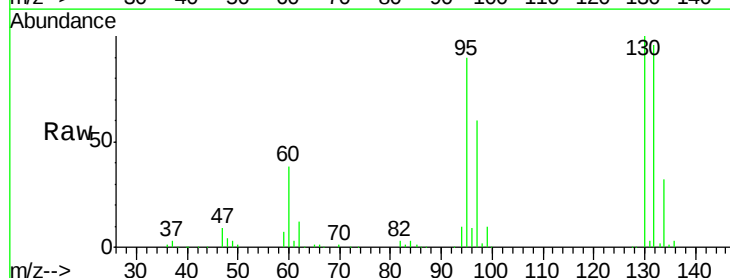
Acq: 28 Aug 2020 14:08

Tgt Ion: 130 Resp: 208345

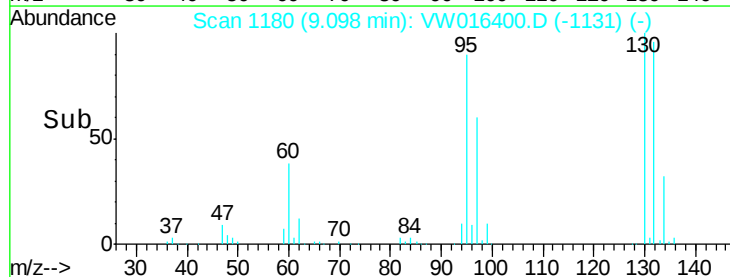
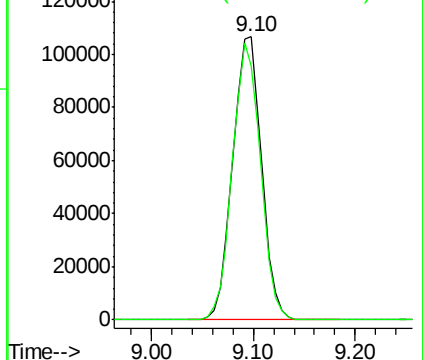
Ion Ratio Lower Upper

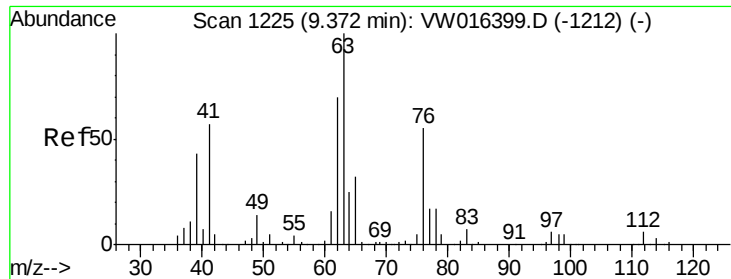
130 100

95 89.8 0.0 183.4



Abundance Ion 129.80 (129.50 to 130.50): V
Ion 94.90 (94.60 to 95.60): VW

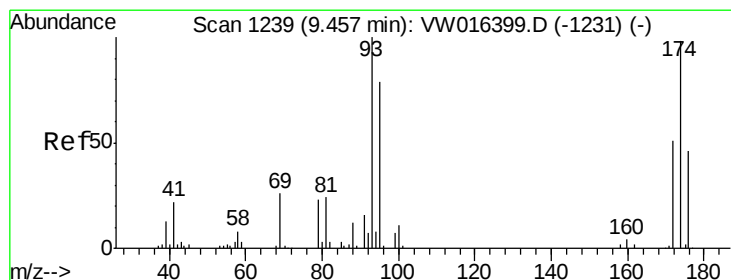
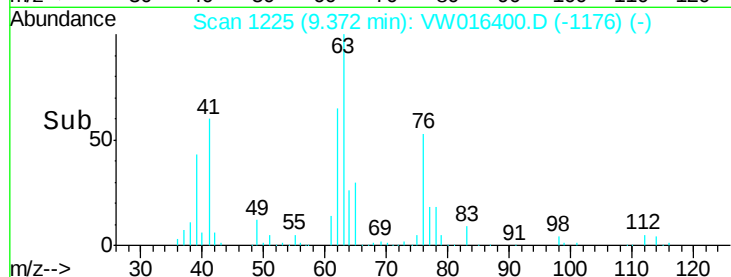
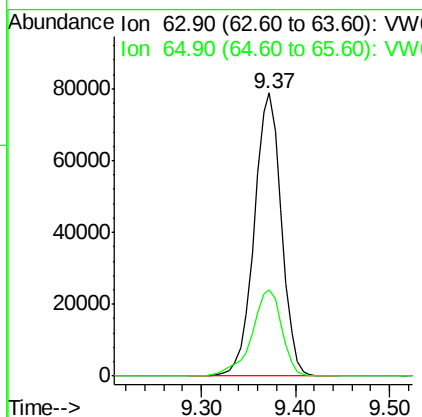
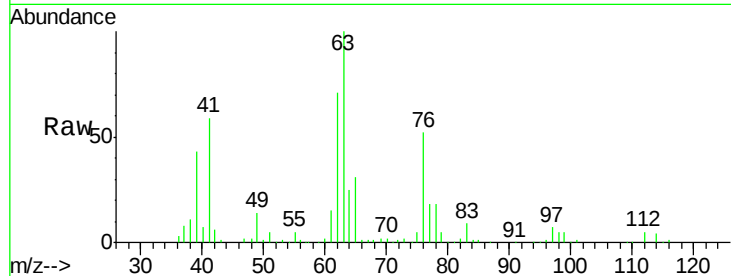




#45
 1,2-Dichloropropane
 Concen: 90.830 ug/l
 RT: 9.37 min Scan# 1225
 Delta R.T. 0.00 min
 Lab File: VW016400.D
 Acq: 28 Aug 2020 14:08

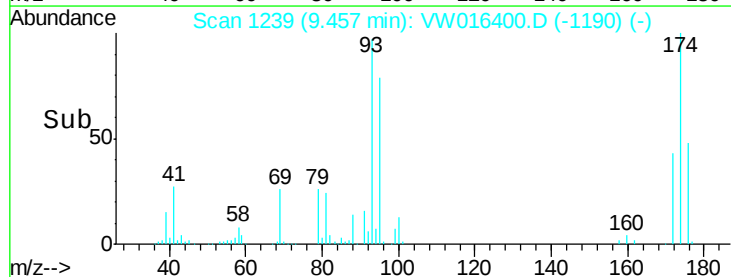
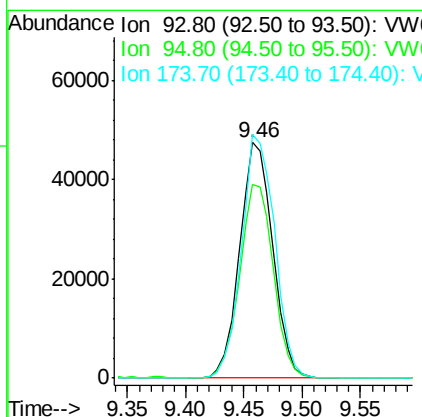
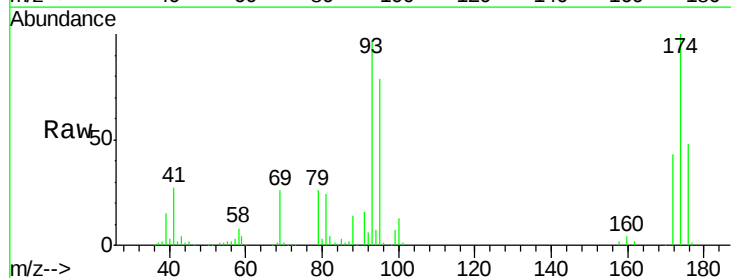
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC100

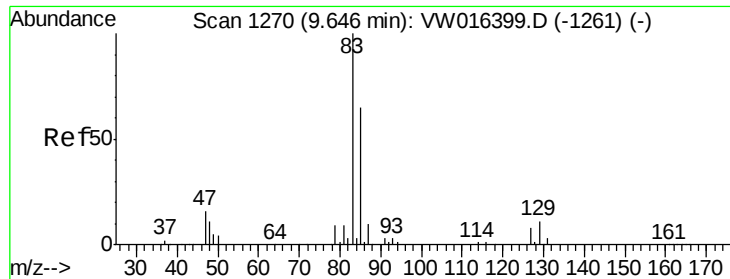
Tgt Ion: 63 Resp: 158325
 Ion Ratio Lower Upper
 63 100
 65 30.5 25.4 38.0



#46
 Dibromomethane
 Concen: 101.427 ug/l
 RT: 9.46 min Scan# 1239
 Delta R.T. 0.00 min
 Lab File: VW016400.D
 Acq: 28 Aug 2020 14:08

Tgt Ion: 93 Resp: 94419
 Ion Ratio Lower Upper
 93 100
 95 83.3 65.3 97.9
 174 103.7 80.1 120.1





#47

Bromodichloromethane

Concen: 102.505 ug/l

RT: 9.65 min Scan# 1270

Delta R.T. 0.00 min

Lab File: VW016400.D

Acq: 28 Aug 2020 14:08

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC100

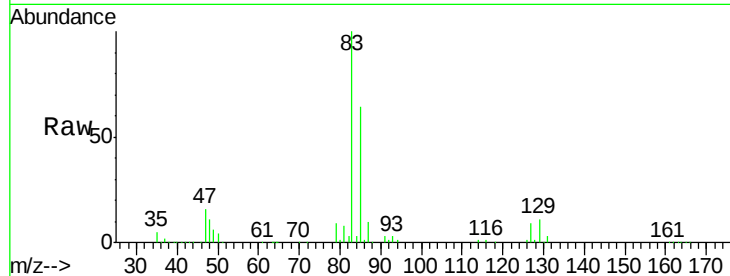
Tgt Ion: 83 Resp: 247805

Ion Ratio Lower Upper

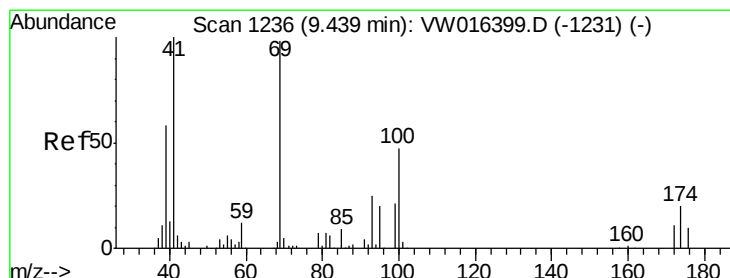
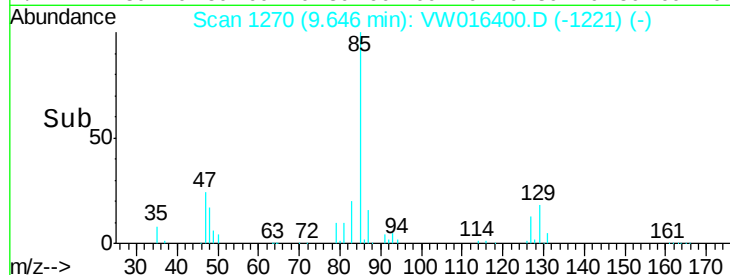
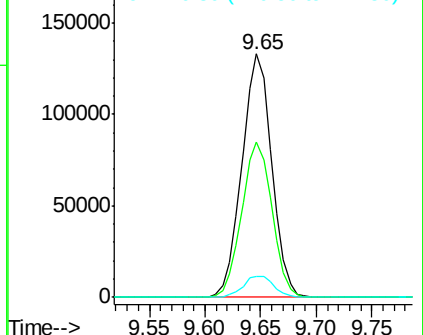
83 100

85 64.0 52.2 78.2

127 8.5 6.8 10.2



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): VW



#48

Methyl methacrylate

Concen: 105.292 ug/l

RT: 9.44 min Scan# 1236

Delta R.T. 0.00 min

Lab File: VW016400.D

Acq: 28 Aug 2020 14:08

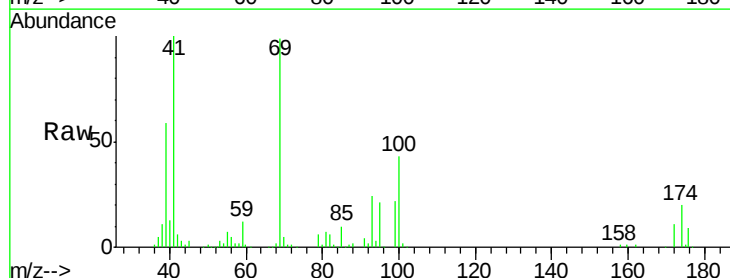
Tgt Ion: 41 Resp: 83447

Ion Ratio Lower Upper

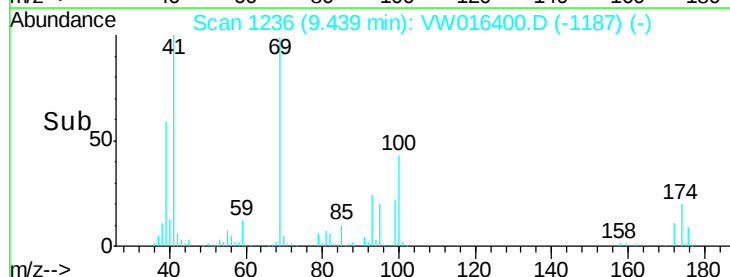
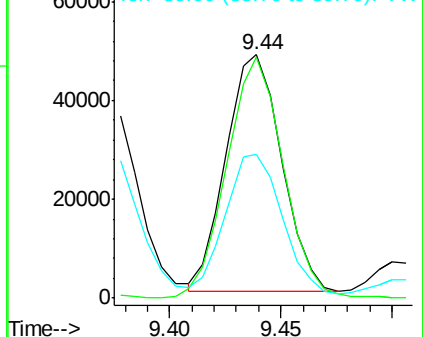
41 100

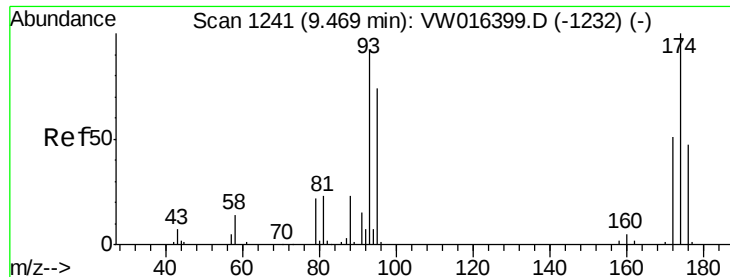
69 103.7 83.5 125.3

39 59.8 48.7 73.1



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

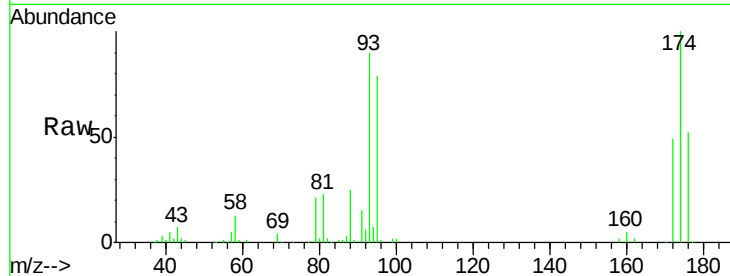




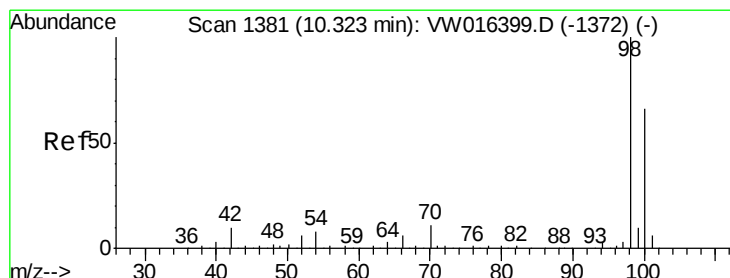
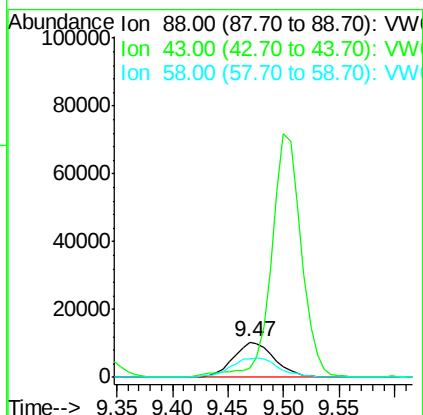
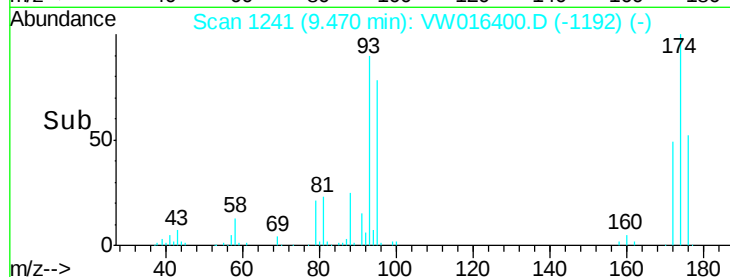
#49
1,4-Dioxane
Concen: 2280.351 ug/l
RT: 9.47 min Scan# 1241
Delta R.T. 0.00 min
Lab File: VW016400.D
Acq: 28 Aug 2020 14:08

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC100

Tgt Ion: 88 Resp: 26599
Ion Ratio Lower Upper
88 100
43 0.0 0.0 0.0
58 63.8 53.5 80.3

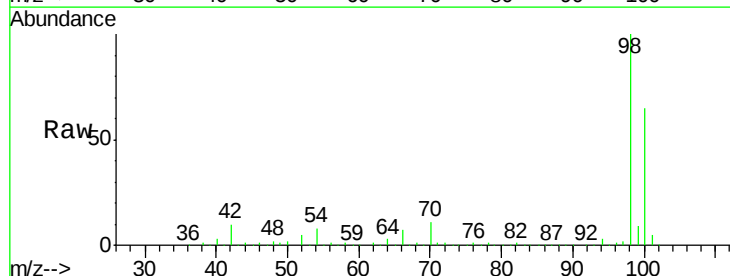


Abundance Ion 88.00 (87.70 to 88.70): VW
Ion 43.00 (42.70 to 43.70): VW
Ion 58.00 (57.70 to 58.70): VW

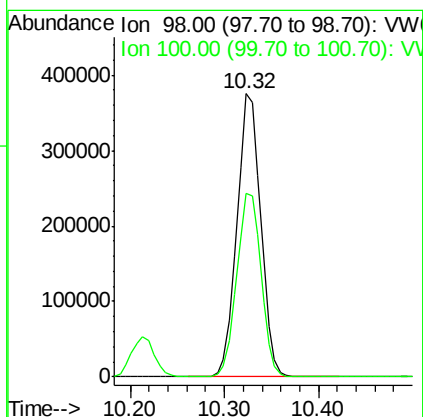
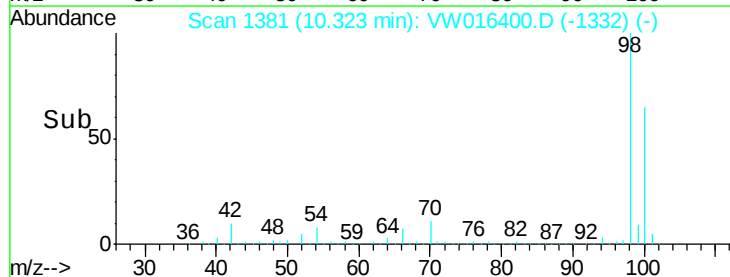


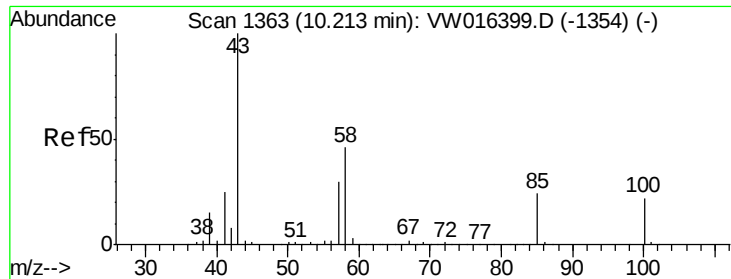
#50
Toluene-d8
Concen: 103.319 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. 0.00 min
Lab File: VW016400.D
Acq: 28 Aug 2020 14:08

Tgt Ion: 98 Resp: 659497
Ion Ratio Lower Upper
98 100
100 66.5 52.6 78.8



Abundance Ion 98.00 (97.70 to 98.70): VW
Ion 100.00 (99.70 to 100.70): VW

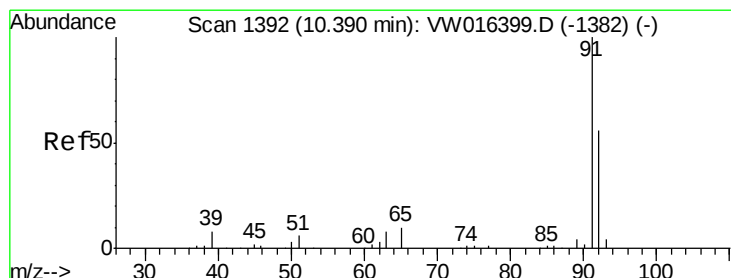
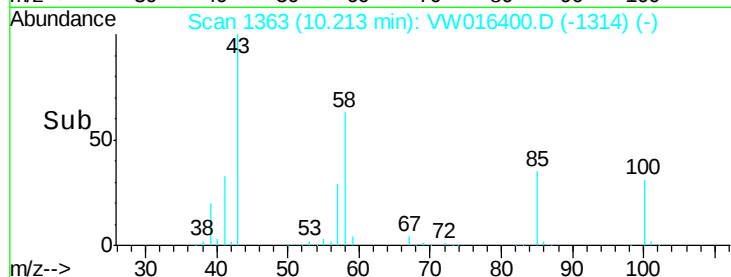
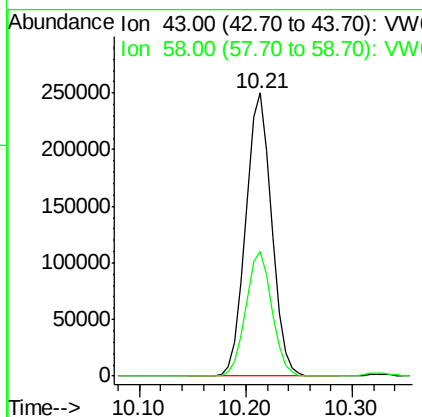
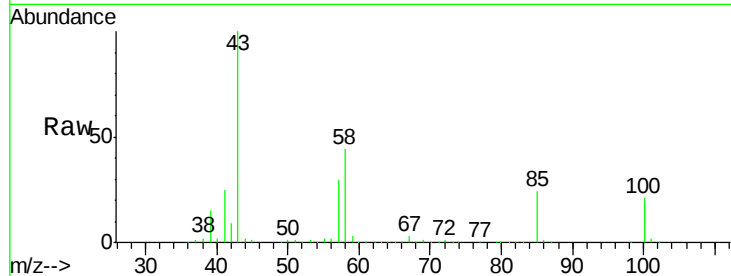




#51
4-Methyl-2-Pentanone
Concen: 499.384 ug/l
RT: 10.21 min Scan# 1363
Delta R.T. 0.00 min
Lab File: VW016400.D
Acq: 28 Aug 2020 14:08

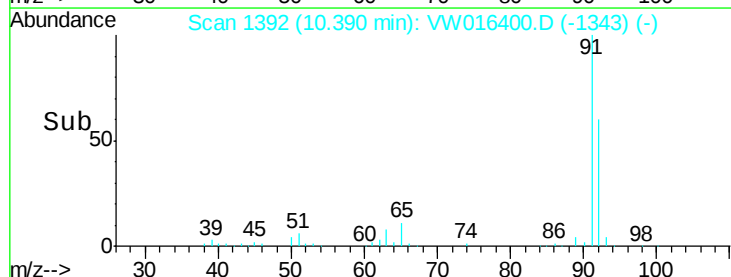
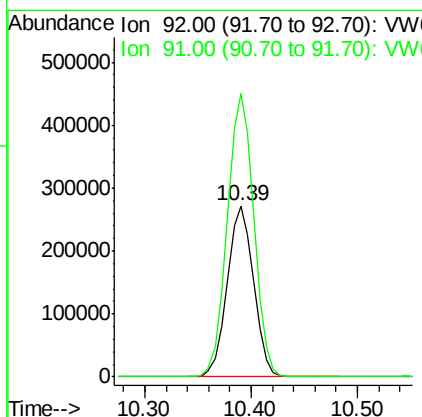
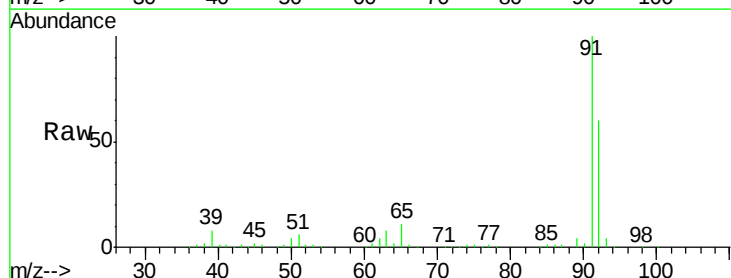
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC100

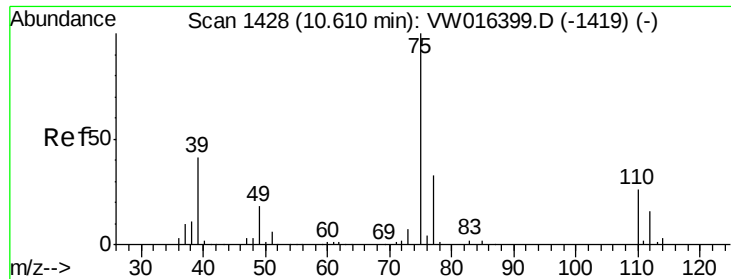
Tgt Ion: 43 Resp: 428752
Ion Ratio Lower Upper
43 100
58 44.0 35.4 53.0



#52
Toluene
Concen: 98.731 ug/l
RT: 10.39 min Scan# 1392
Delta R.T. 0.00 min
Lab File: VW016400.D
Acq: 28 Aug 2020 14:08

Tgt Ion: 92 Resp: 471518
Ion Ratio Lower Upper
92 100
91 166.8 137.1 205.7

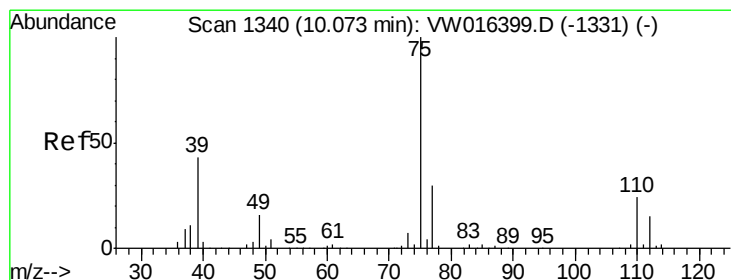
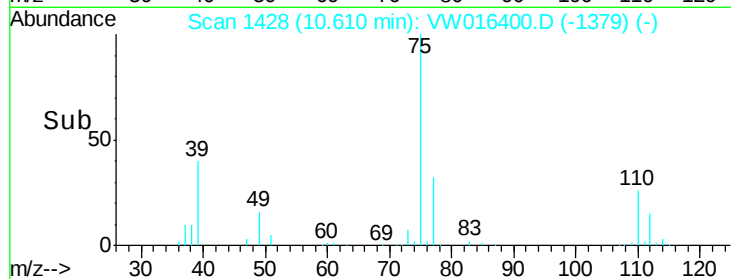
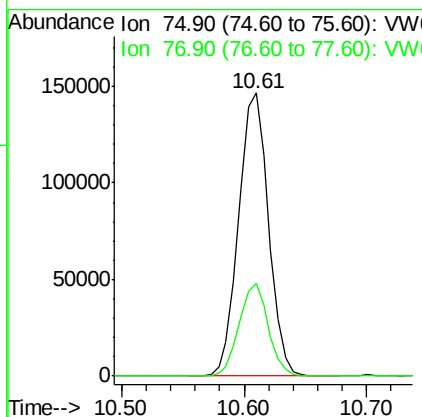
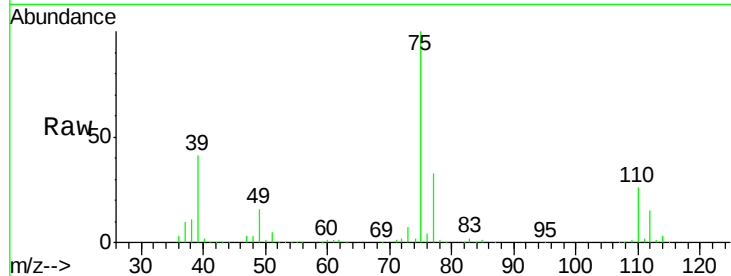




#53
 t-1,3-Dichloropropene
 Concen: 110.582 ug/l
 RT: 10.61 min Scan# 1428
 Delta R.T. 0.00 min
 Lab File: VW016400.D
 Acq: 28 Aug 2020 14:08

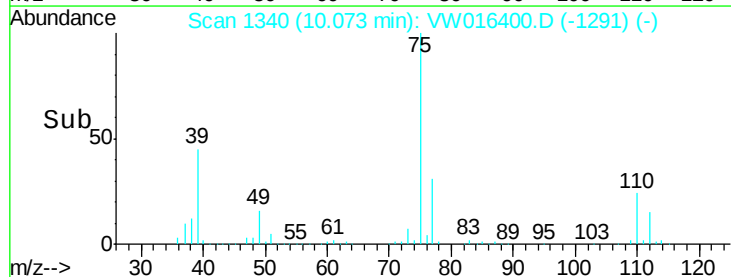
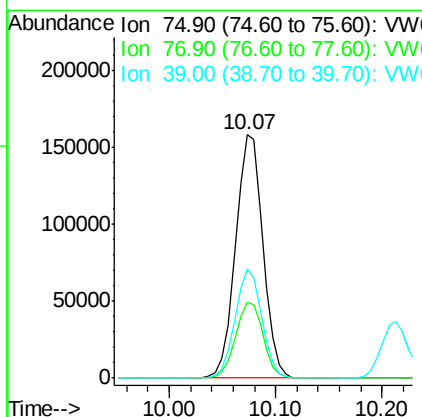
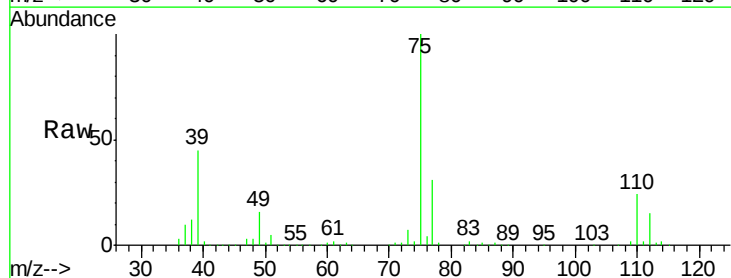
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC100

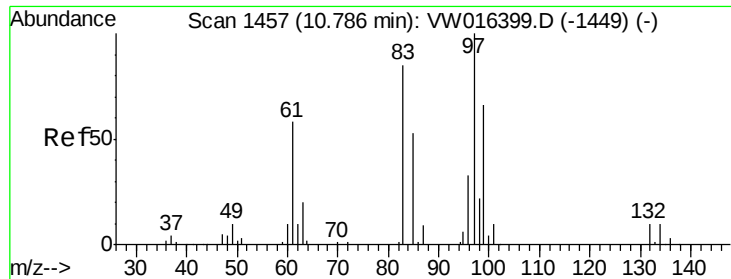
Tgt Ion: 75 Resp: 248292
 Ion Ratio Lower Upper
 75 100
 77 32.6 26.1 39.1



#54
 cis-1,3-Dichloropropene
 Concen: 103.638 ug/l
 RT: 10.07 min Scan# 1340
 Delta R.T. 0.00 min
 Lab File: VW016400.D
 Acq: 28 Aug 2020 14:08

Tgt Ion: 75 Resp: 285854
 Ion Ratio Lower Upper
 75 100
 77 31.3 24.4 36.6
 39 44.7 34.6 51.8

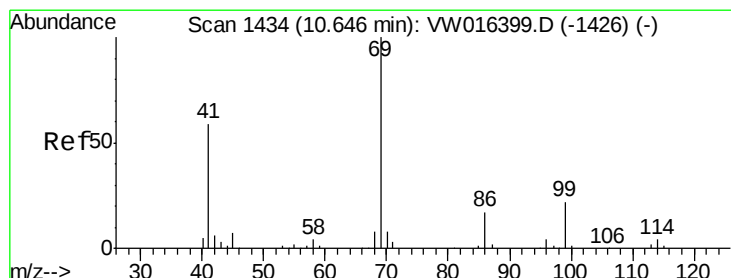
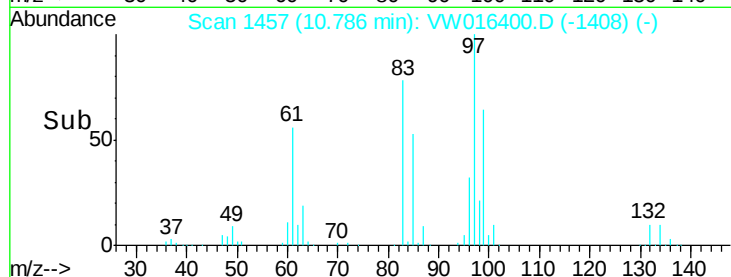
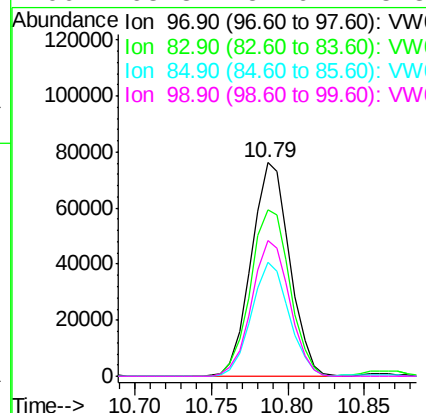
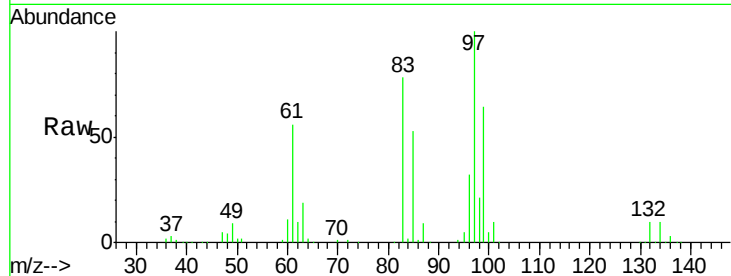




#55
 1,1,2-Trichloroethane
 Concen: 99.501 ug/l
 RT: 10.79 min Scan# 1457
 Delta R.T. 0.00 min
 Lab File: VW016400.D
 Acq: 28 Aug 2020 14:08

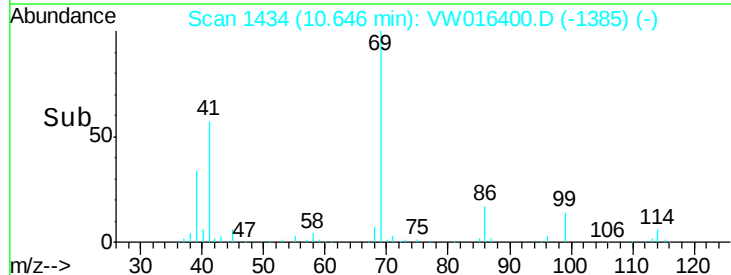
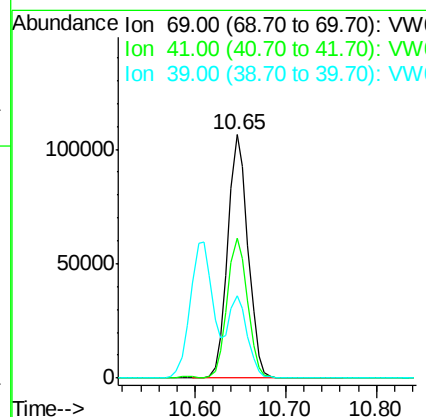
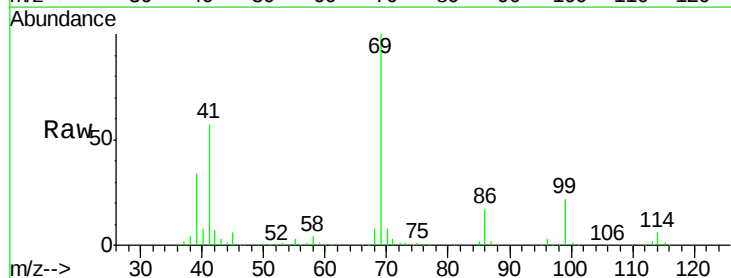
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC100

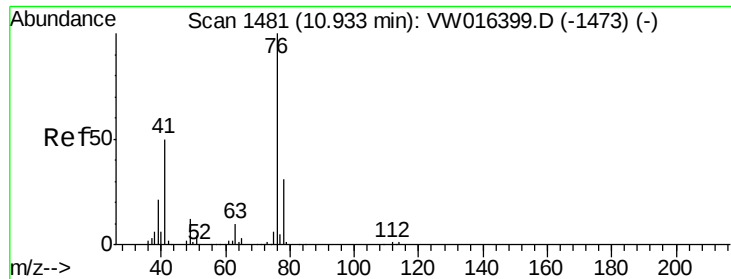
Tgt Ion:	97	Resp:	133129
Ion	Ratio	Lower	Upper
97	100		
83	77.9	68.0	102.0
85	53.4	42.2	63.2
99	63.8	52.6	78.8



#56
 Ethyl methacrylate
 Concen: 109.582 ug/l
 RT: 10.65 min Scan# 1434
 Delta R.T. 0.00 min
 Lab File: VW016400.D
 Acq: 28 Aug 2020 14:08

Tgt Ion:	69	Resp:	165834
Ion	Ratio	Lower	Upper
69	100		
41	57.8	46.5	69.7
39	32.4	26.2	39.2

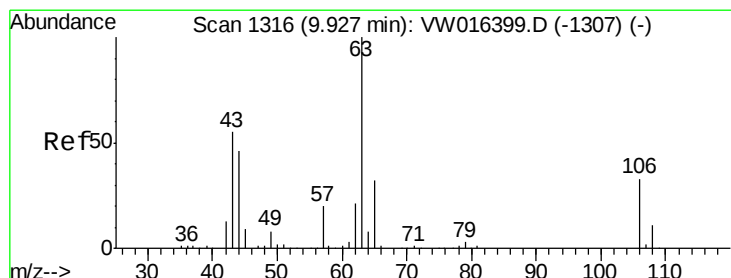
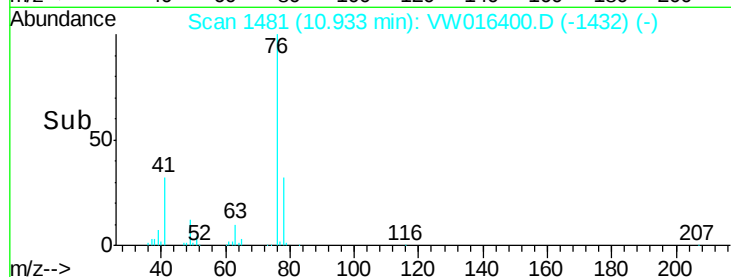
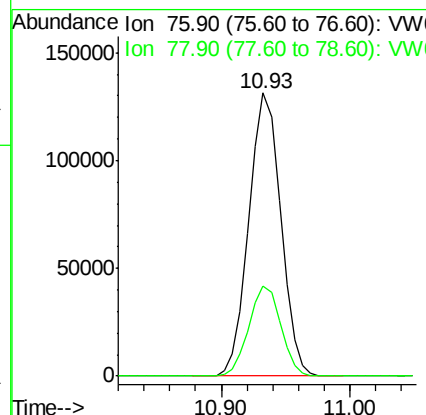
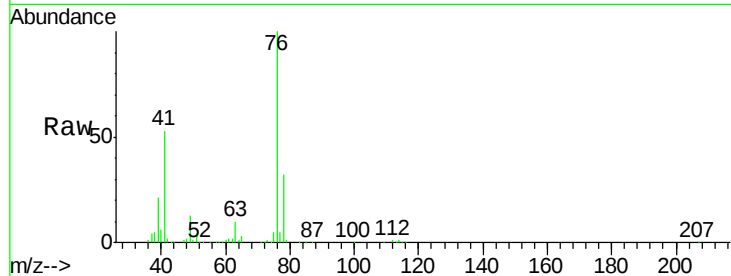




#57
 1,3-Dichloropropane
 Concen: 99.534 ug/l
 RT: 10.93 min Scan# 1481
 Delta R.T. 0.00 min
 Lab File: VW016400.D
 Acq: 28 Aug 2020 14:08

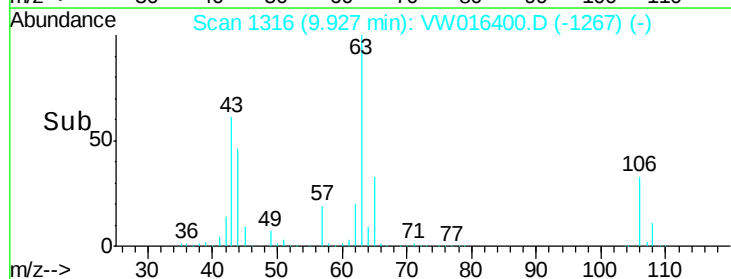
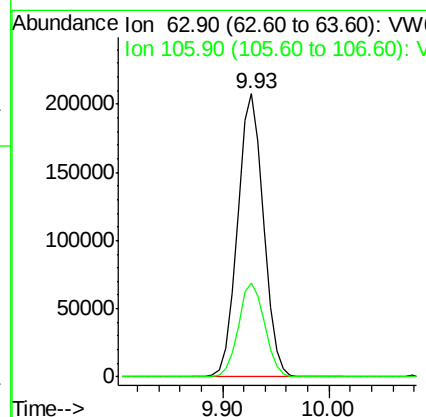
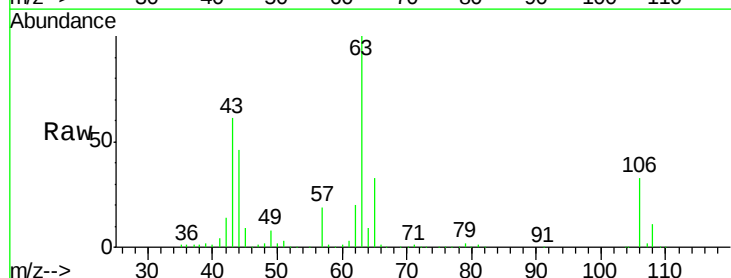
Instrument :
 MSVOA_W
 ClientSampled :
 VSTDIC100

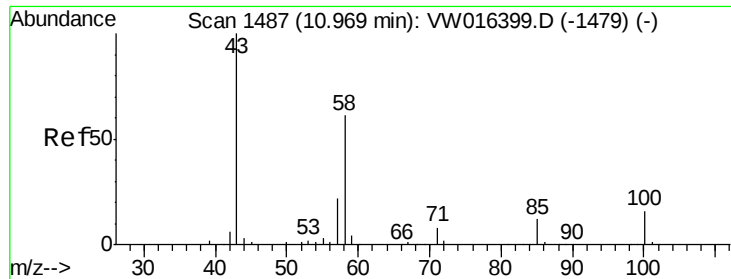
Tgt Ion: 76 Resp: 225195
 Ion Ratio Lower Upper
 76 100
 78 32.0 26.1 39.1



#58
 2-Chloroethyl Vinyl ether
 Concen: 512.935 ug/l
 RT: 9.93 min Scan# 1316
 Delta R.T. 0.00 min
 Lab File: VW016400.D
 Acq: 28 Aug 2020 14:08

Tgt Ion: 63 Resp: 354060
 Ion Ratio Lower Upper
 63 100
 106 33.4 26.6 40.0

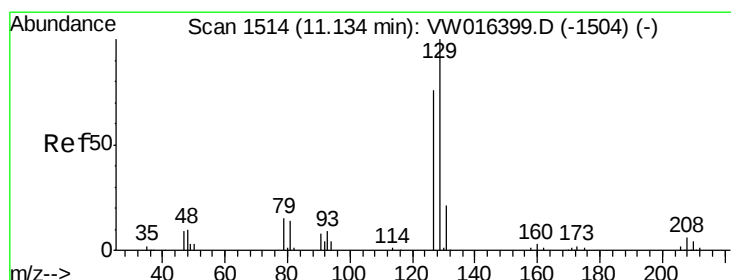
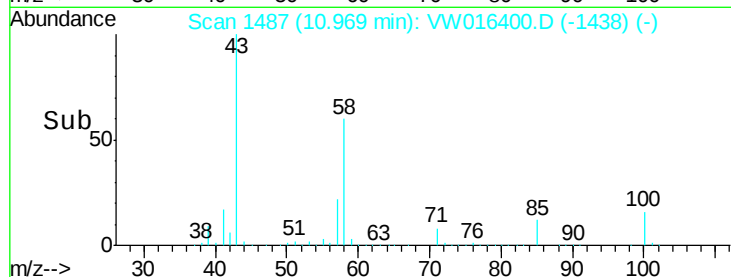
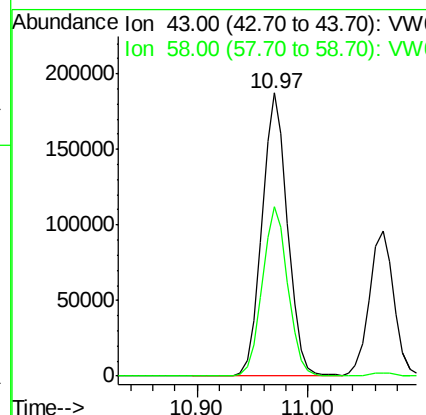
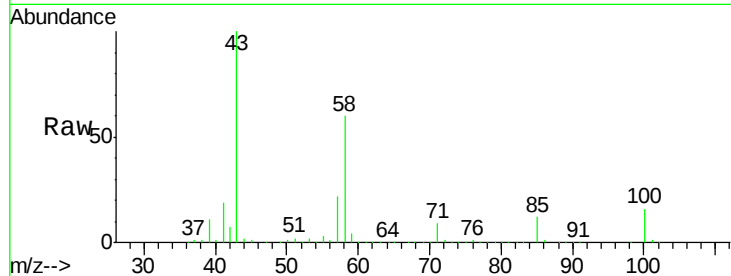




#59
2-Hexanone
Concen: 512.325 ug/l
RT: 10.97 min Scan# 1487
Delta R.T. 0.00 min
Lab File: VW016400.D
Acq: 28 Aug 2020 14:08

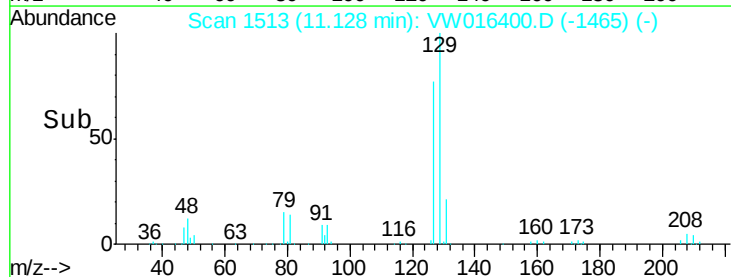
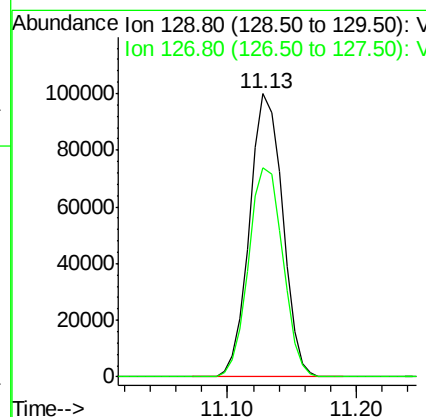
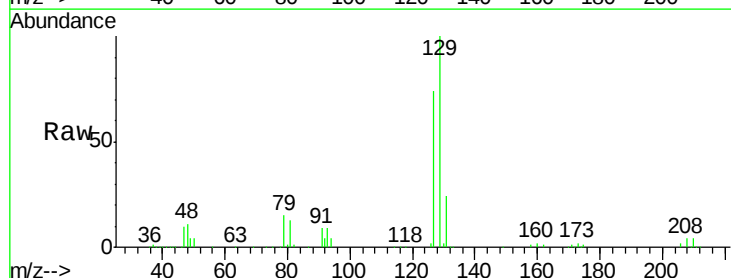
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC100

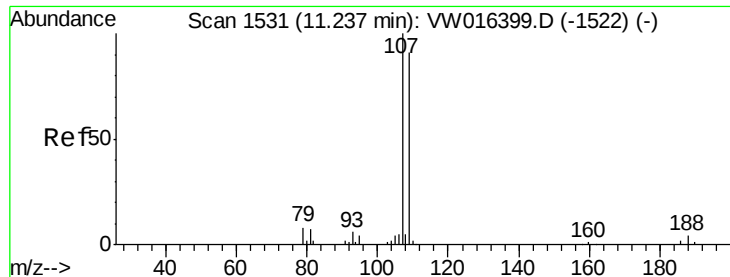
Tgt Ion: 43 Resp: 299794
Ion Ratio Lower Upper
43 100
58 59.9 29.7 89.1



#60
Dibromochloromethane
Concen: 109.691 ug/l
RT: 11.13 min Scan# 1513
Delta R.T. -0.01 min
Lab File: VW016400.D
Acq: 28 Aug 2020 14:08

Tgt Ion: 129 Resp: 176707
Ion Ratio Lower Upper
129 100
127 76.8 38.6 115.7

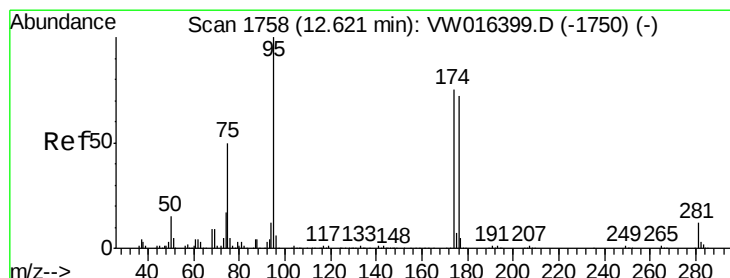
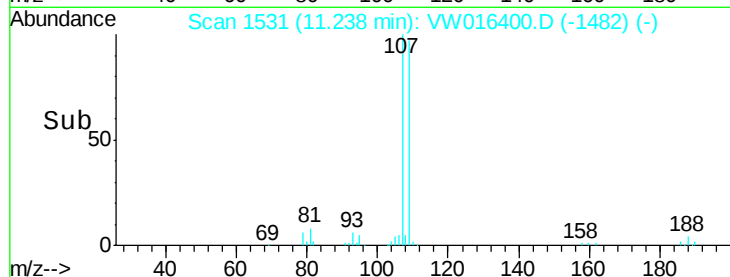
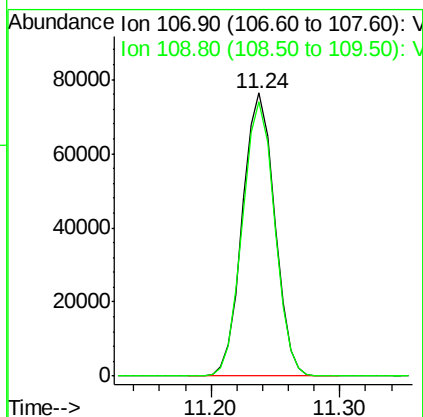
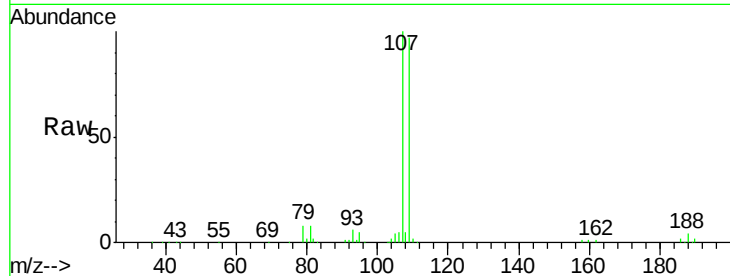




#61
 1,2-Dibromoethane
 Concen: 102.422 ug/l
 RT: 11.24 min Scan# 1531
 Delta R.T. 0.00 min
 Lab File: VW016400.D
 Acq: 28 Aug 2020 14:08

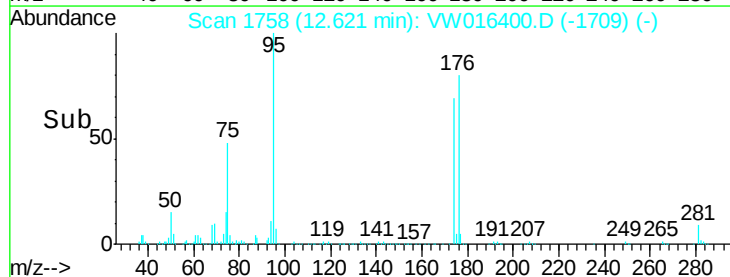
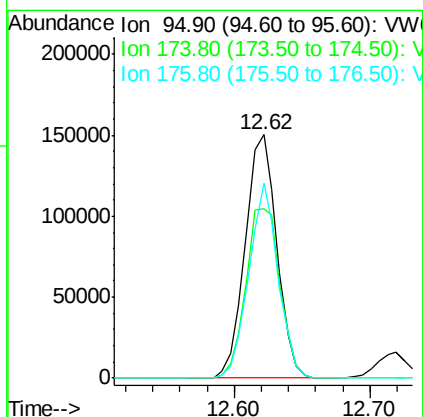
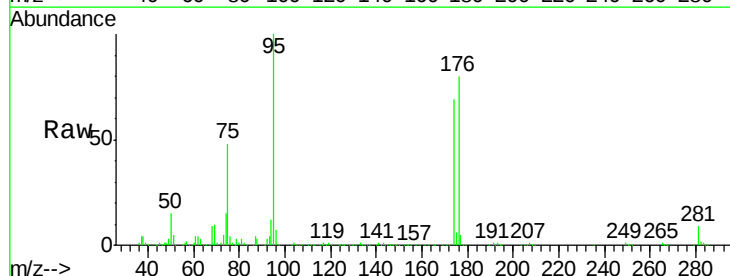
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC100

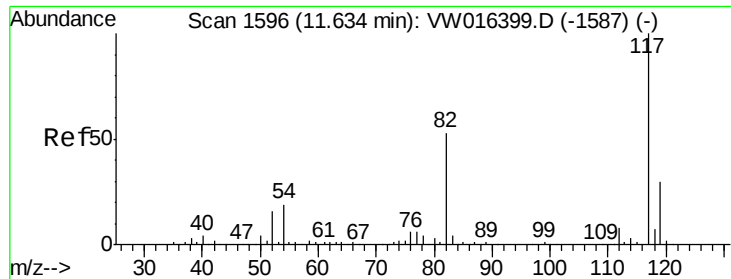
Tgt Ion: 107 Resp: 131985
 Ion Ratio Lower Upper
 107 100
 109 97.0 74.5 111.7



#62
 4-Bromofluorobenzene
 Concen: 106.419 ug/l
 RT: 12.62 min Scan# 1758
 Delta R.T. 0.00 min
 Lab File: VW016400.D
 Acq: 28 Aug 2020 14:08

Tgt Ion: 95 Resp: 244196
 Ion Ratio Lower Upper
 95 100
 174 76.2 0.0 152.0
 176 74.2 0.0 145.6

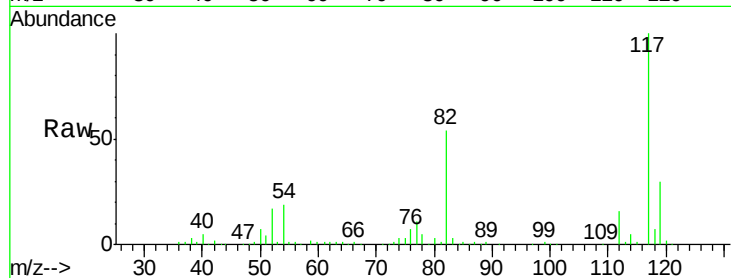




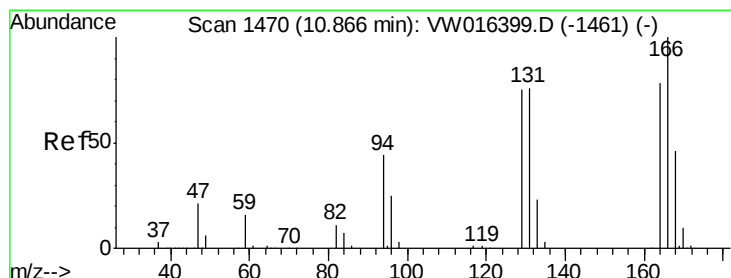
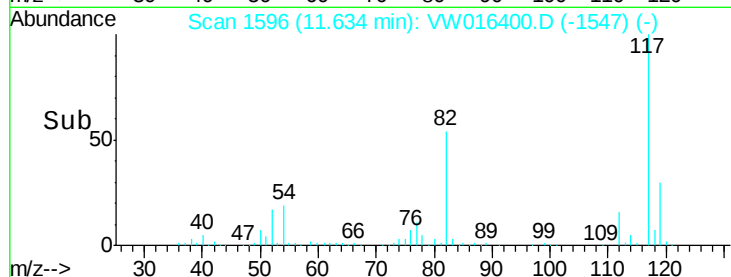
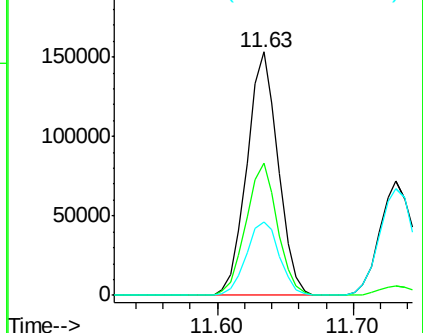
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.00 min
Lab File: VW016400.D
Acq: 28 Aug 2020 14:08

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC100

Tgt Ion:117 Resp: 246310
Ion Ratio Lower Upper
117 100
82 54.2 42.2 63.4
119 30.3 24.2 36.4

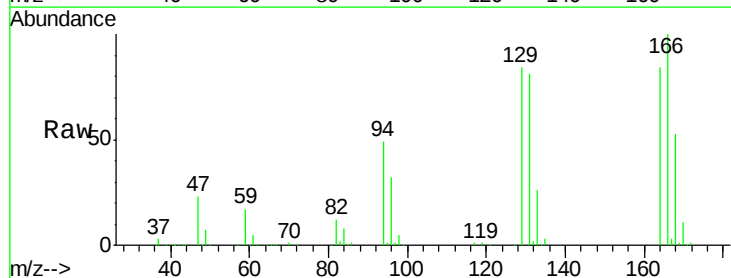


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

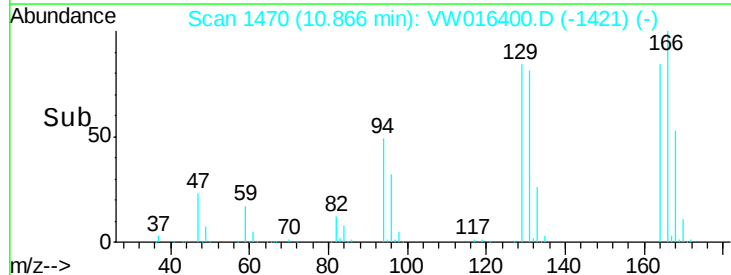
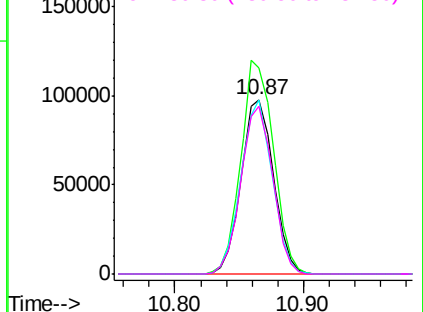


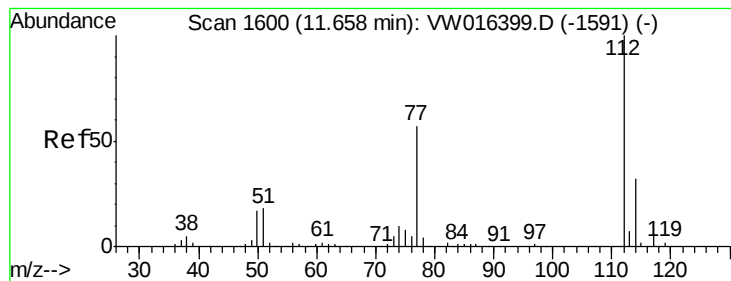
#64
Tetrachloroethene
Concen: 102.872 ug/l
RT: 10.87 min Scan# 1470
Delta R.T. 0.00 min
Lab File: VW016400.D
Acq: 28 Aug 2020 14:08

Tgt Ion:164 Resp: 169618
Ion Ratio Lower Upper
164 100
166 118.7 103.1 154.7
129 99.9 77.3 115.9
131 96.2 78.2 117.2



Abundance Ion 163.80 (163.50 to 164.50): V
Ion 165.80 (165.50 to 166.50): V
Ion 128.80 (128.50 to 129.50): V
Ion 130.80 (130.50 to 131.50): V





#65

Chlorobenzene

Concen: 99.461 ug/l

RT: 11.66 min Scan# 1600

Delta R.T. 0.00 min

Lab File: VW016400.D

Acq: 28 Aug 2020 14:08

Instrument :

MSVOA_W

ClientSampleId :

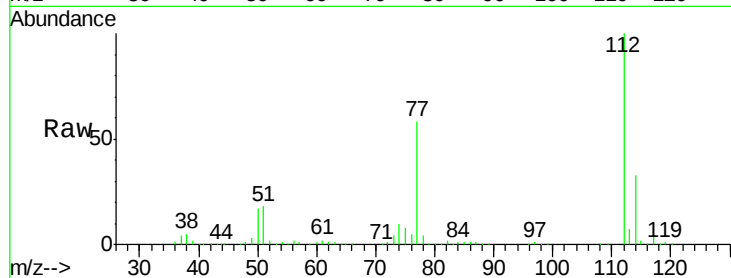
VSTDIC100

Tgt Ion:112 Resp: 507799

Ion Ratio Lower Upper

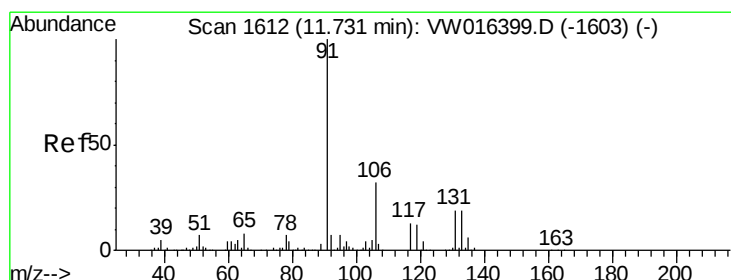
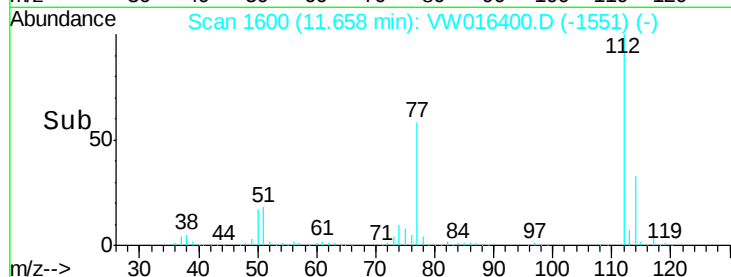
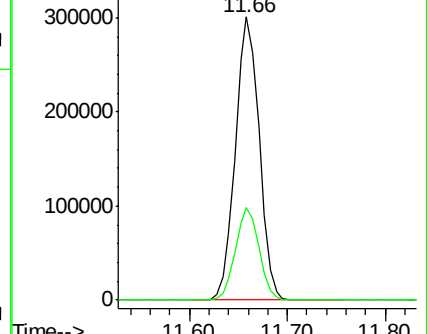
112 100

114 32.8 25.4 38.2



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 104.438 ug/l

RT: 11.73 min Scan# 1612

Delta R.T. 0.00 min

Lab File: VW016400.D

Acq: 28 Aug 2020 14:08

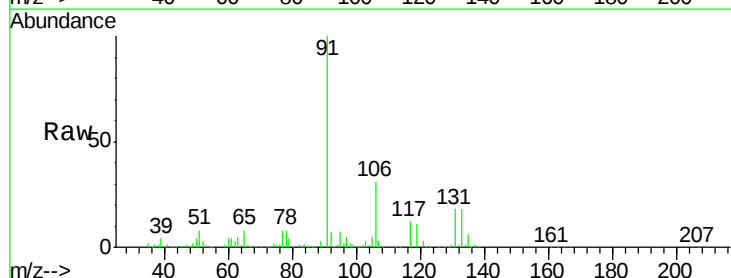
Tgt Ion:131 Resp: 187858

Ion Ratio Lower Upper

131 100

133 95.8 46.9 140.6

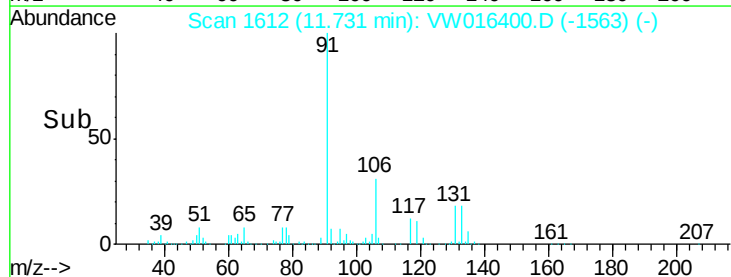
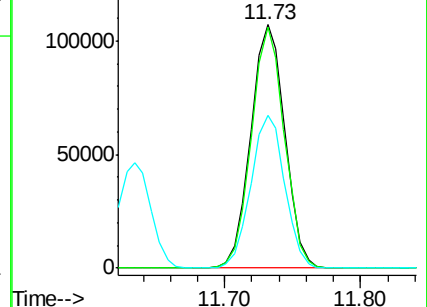
119 62.5 31.6 95.0

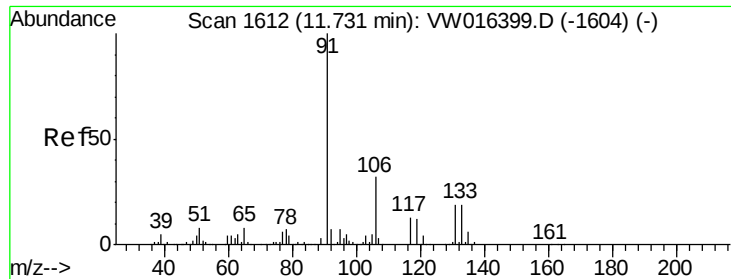


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V

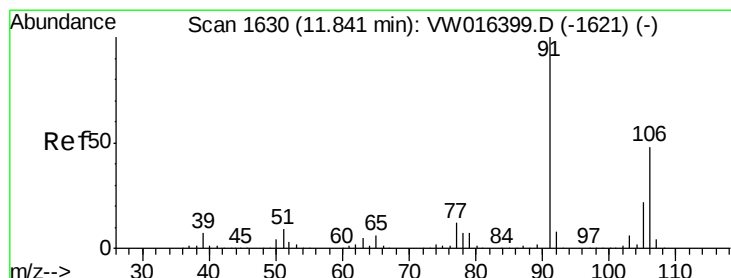
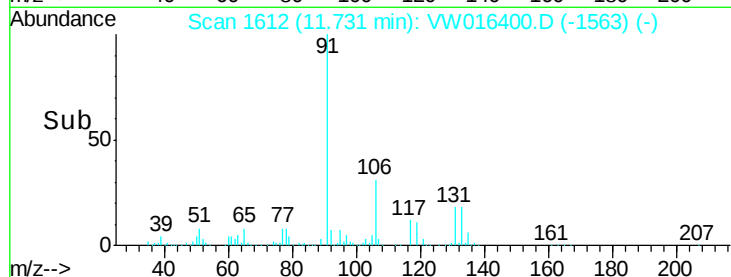
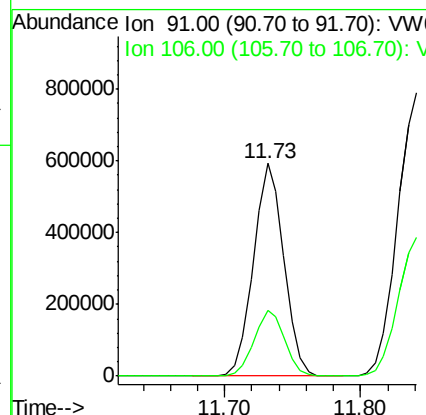
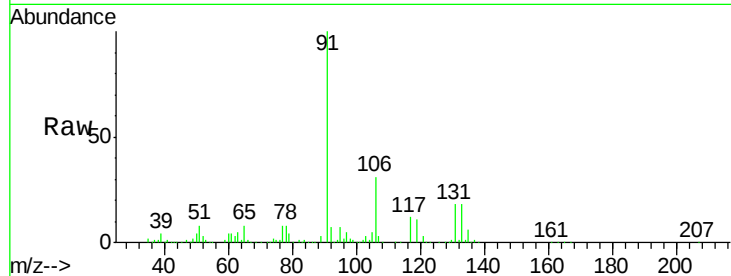




#67
Ethyl Benzene
Concen: 101.652 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. 0.00 min
Lab File: VW016400.D
Acq: 28 Aug 2020 14:08

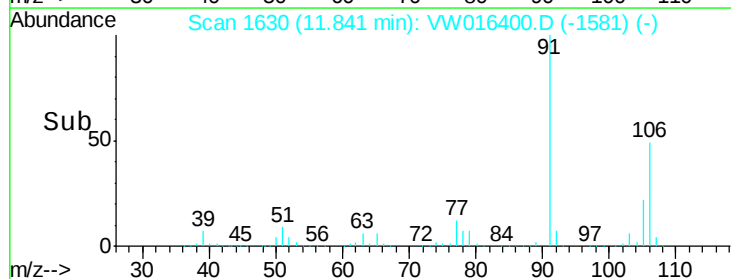
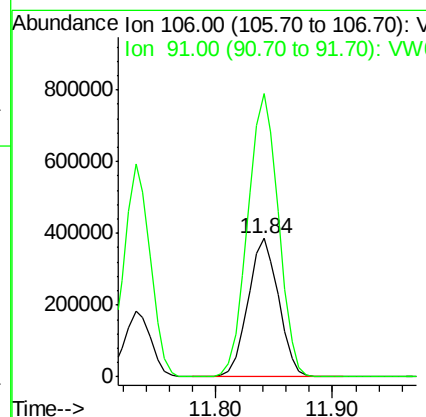
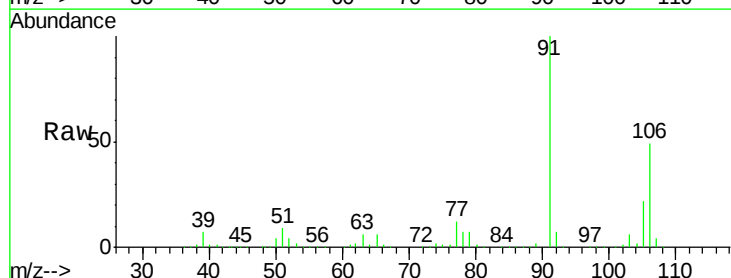
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC100

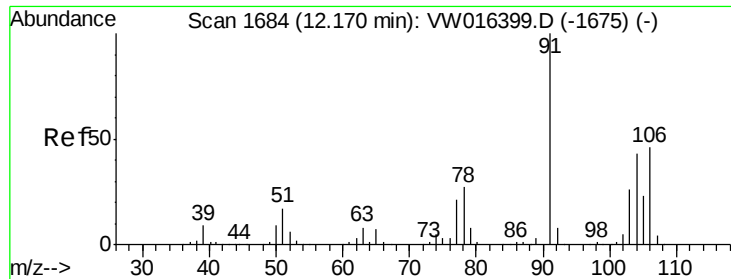
Tgt Ion: 91 Resp: 928486
Ion Ratio Lower Upper
91 100
106 30.8 25.3 37.9



#68
m/p-Xylenes
Concen: 200.989 ug/l
RT: 11.84 min Scan# 1630
Delta R.T. 0.00 min
Lab File: VW016400.D
Acq: 28 Aug 2020 14:08

Tgt Ion: 106 Resp: 705193
Ion Ratio Lower Upper
106 100
91 206.3 167.7 251.5

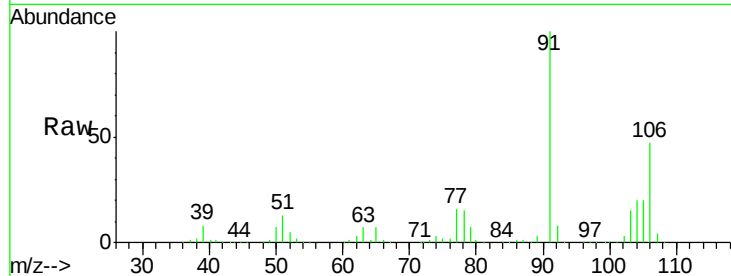




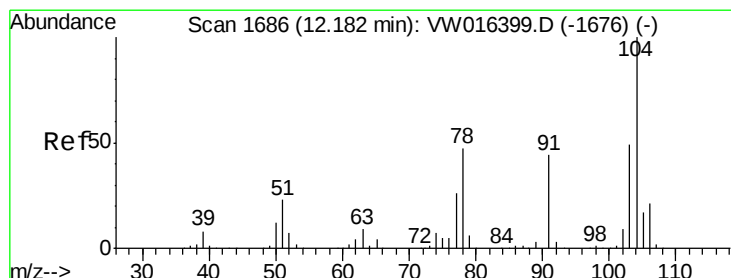
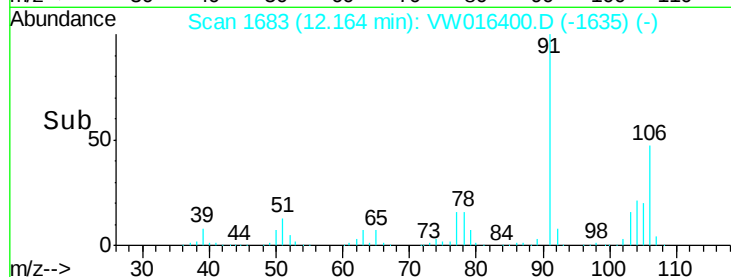
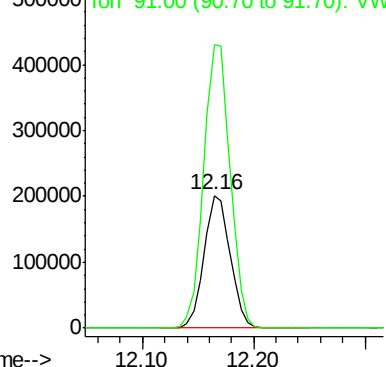
#69
o-Xylene
Concen: 104.240 ug/l
RT: 12.16 min Scan# 1683
Delta R.T. -0.01 min
Lab File: VW016400.D
Acq: 28 Aug 2020 14:08

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC100

Tgt Ion:106 Resp: 325939
Ion Ratio Lower Upper
106 100
91 217.8 111.7 334.9

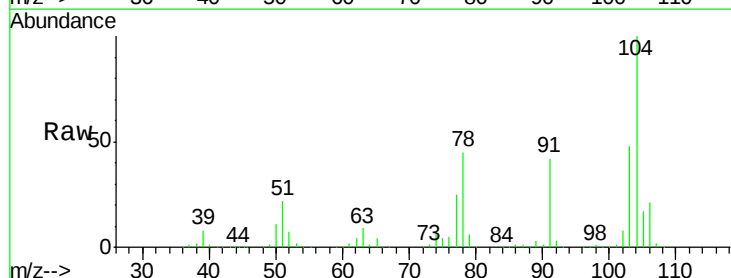


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VW

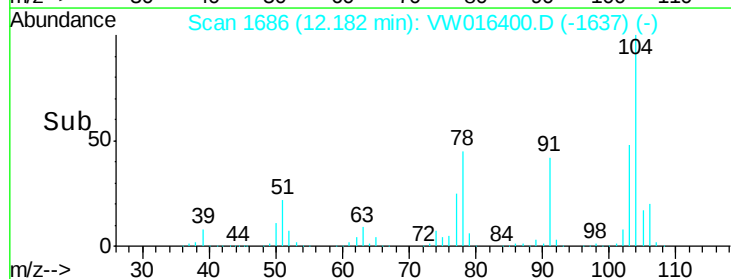
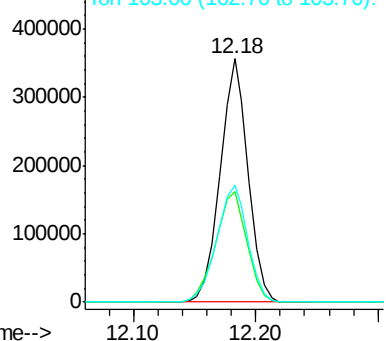


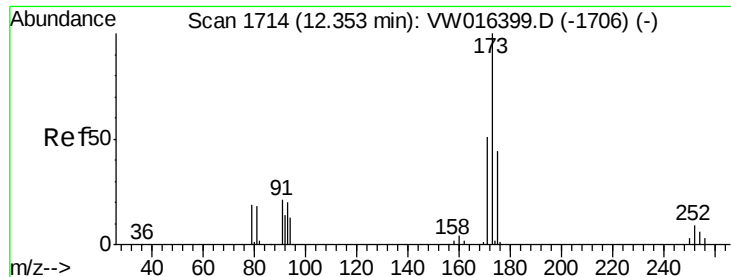
#70
Styrene
Concen: 103.939 ug/l
RT: 12.18 min Scan# 1686
Delta R.T. 0.00 min
Lab File: VW016400.D
Acq: 28 Aug 2020 14:08

Tgt Ion:104 Resp: 562697
Ion Ratio Lower Upper
104 100
78 50.9 41.7 62.5
103 53.6 42.9 64.3



Abundance Ion 104.00 (103.70 to 104.70): V
Ion 78.00 (77.70 to 78.70): VW
Ion 103.00 (102.70 to 103.70): V





#71

Bromoform

Concen: 120.098 ug/l

RT: 12.35 min Scan# 1714

Delta R.T. 0.00 min

Lab File: VW016400.D

Acq: 28 Aug 2020 14:08

Instrument :

MSVOA_W

ClientSampleId :

VSTDICC100

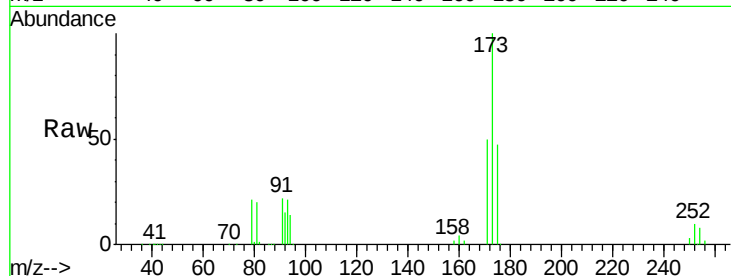
Tgt Ion:173 Resp: 98337

Ion Ratio Lower Upper

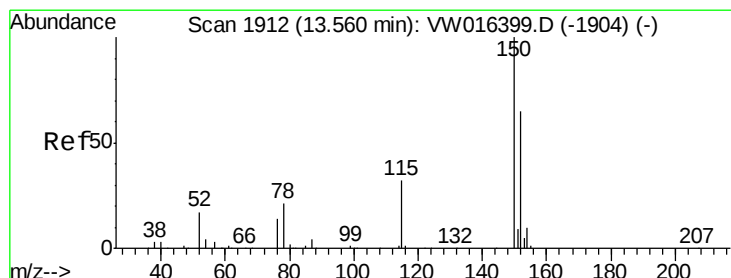
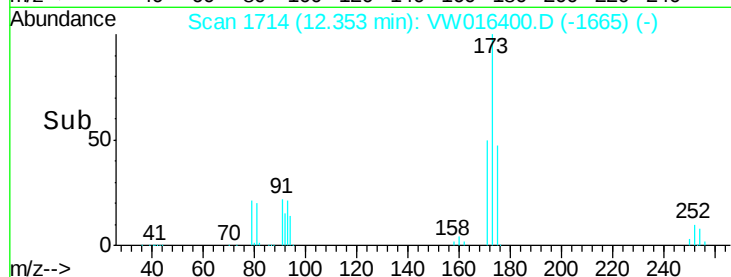
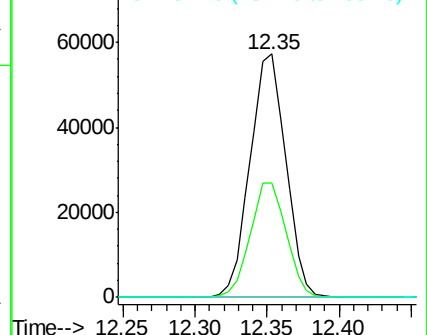
173 100

175 47.2 23.5 70.6

254 0.1 0.0 0.0#



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: VW016400.D

Acq: 28 Aug 2020 14:08

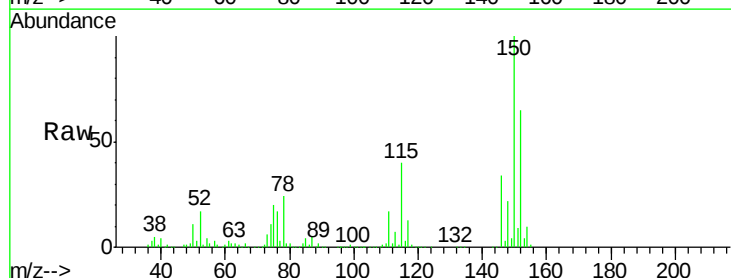
Tgt Ion:152 Resp: 120421

Ion Ratio Lower Upper

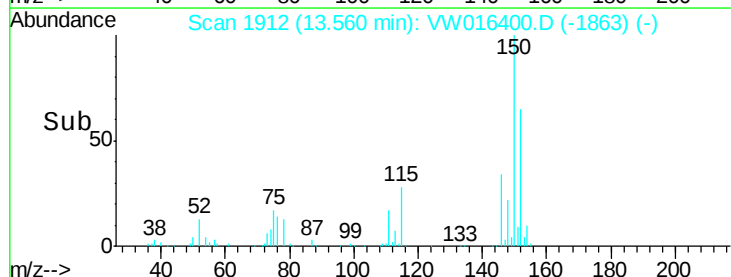
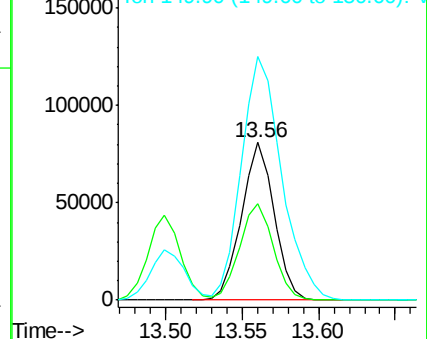
152 100

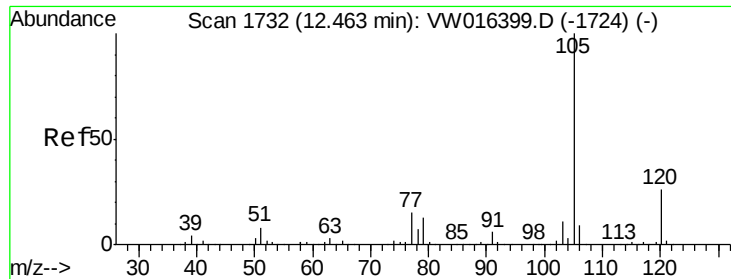
115 62.9 30.9 92.5

150 190.1 0.0 351.0



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: 100.264 ug/l

RT: 12.46 min Scan# 1732

Delta R.T. 0.00 min

Lab File: VW016400.D

Acq: 28 Aug 2020 14:08

Instrument :

MSVOA_W

ClientSampleId :

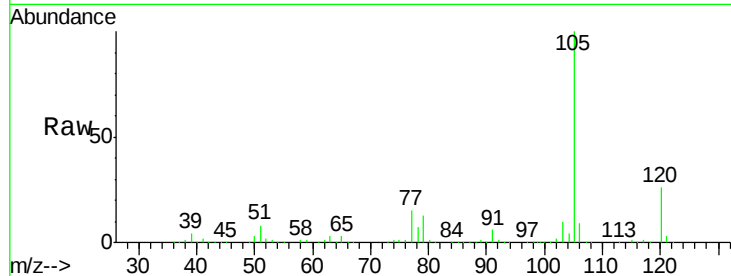
VSTDIC100

Tgt Ion: 105 Resp: 920804

Ion Ratio Lower Upper

105 100

120 26.5 13.2 39.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

12.46

600000

400000

200000

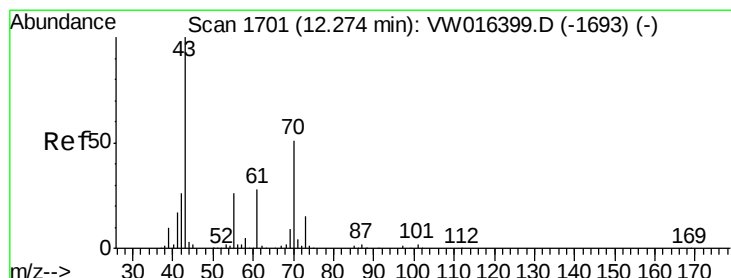
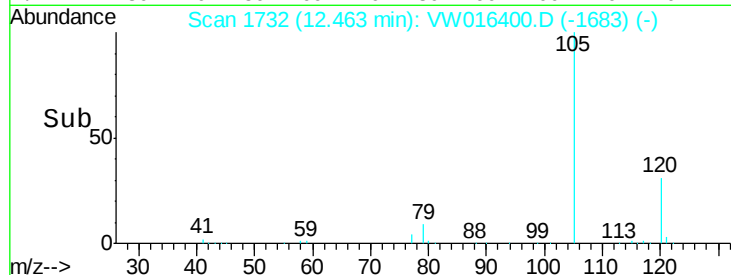
0

Time-->

12.40

12.50

12.60



#74

N-ethyl acetate

Concen: 99.583 ug/l

RT: 12.27 min Scan# 1701

Delta R.T. 0.00 min

Lab File: VW016400.D

Acq: 28 Aug 2020 14:08

Tgt Ion: 43 Resp: 161543

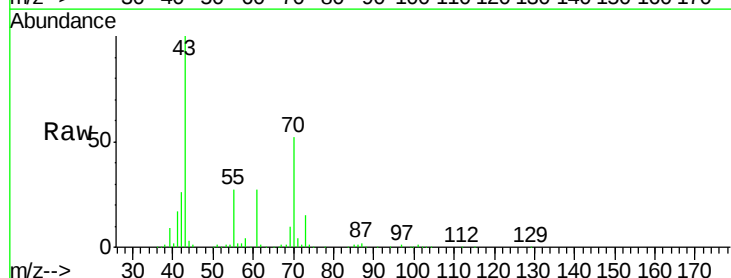
Ion Ratio Lower Upper

43 100

70 51.4 40.8 61.2

55 27.3 21.6 32.4

61 27.8 21.5 32.3



Abundance Ion 43.00 (42.70 to 43.70): VV

Ion 70.00 (69.70 to 70.70): VV

Ion 55.00 (54.70 to 55.70): VV

Ion 61.00 (60.70 to 61.70): VV

12.27

150000

100000

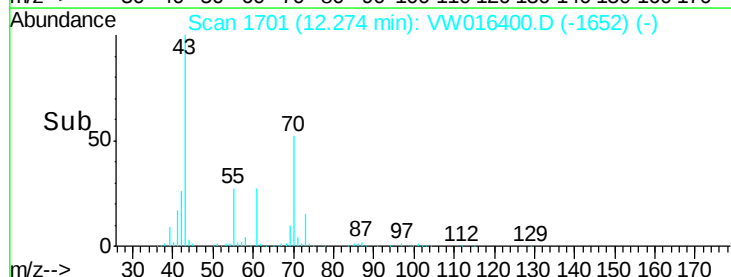
50000

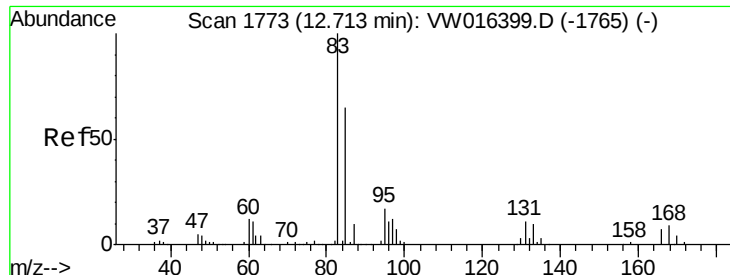
0

Time-->

12.20

12.30





#75

1,1,2,2-Tetrachloroethane

Concen: 95.242 ug/l

RT: 12.72 min Scan# 1774

Delta R.T. 0.01 min

Lab File: VW016400.D

Acq: 28 Aug 2020 14:08

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC100

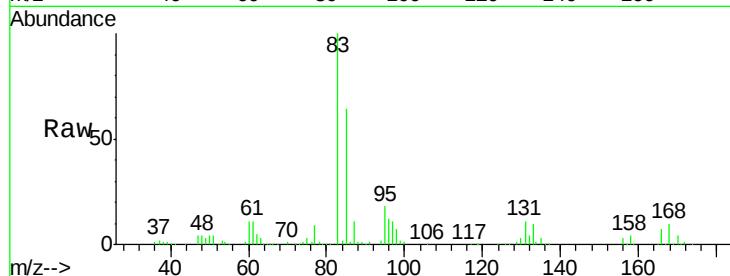
Tgt Ion: 83 Resp: 144908

Ion Ratio Lower Upper

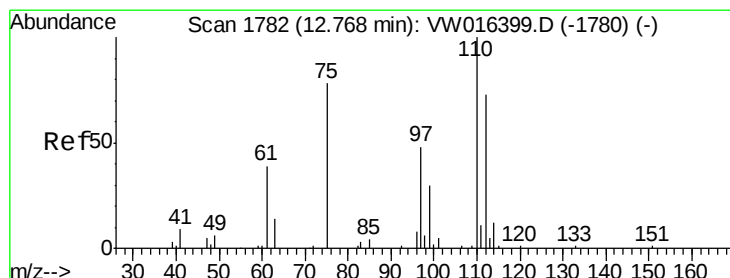
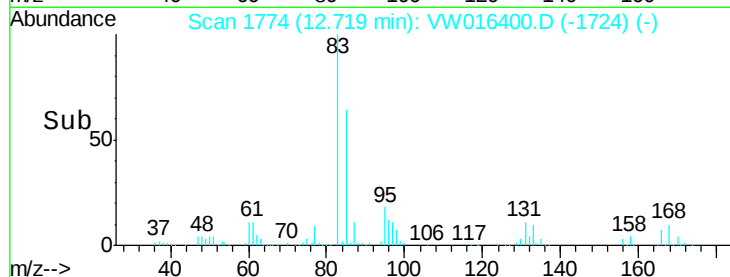
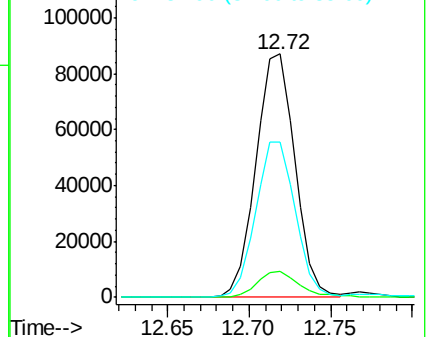
83 100

131 11.7 5.9 17.8

85 64.8 32.3 96.8



Abundance Ion 82.90 (82.60 to 83.60): VW
Ion 130.80 (130.50 to 131.50): V
Ion 84.90 (84.60 to 85.60): VW



#76

1,2,3-Trichloropropane

Concen: 175.550 ug/l

RT: 12.77 min Scan# 1782

Delta R.T. 0.00 min

Lab File: VW016400.D

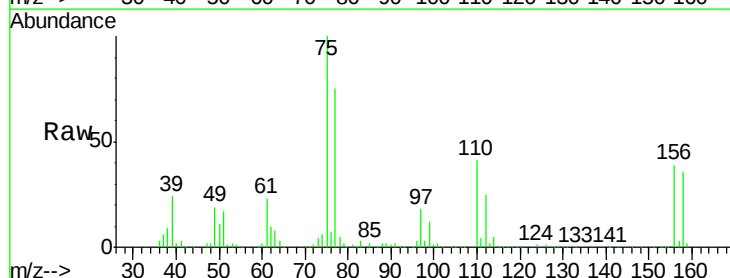
Acq: 28 Aug 2020 14:08

Tgt Ion: 75 Resp: 193220

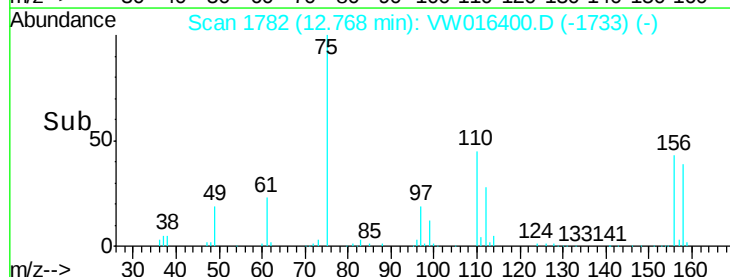
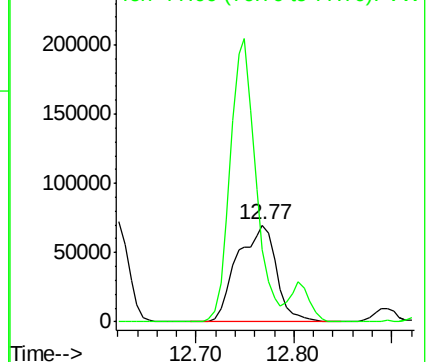
Ion Ratio Lower Upper

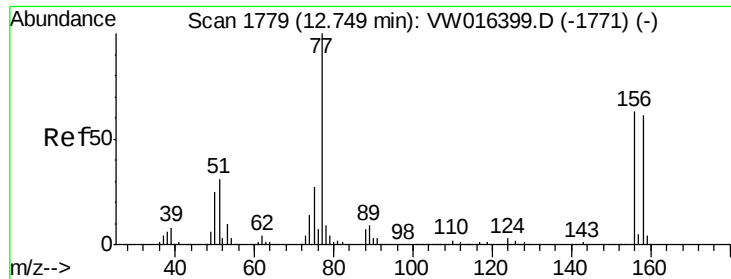
75 100

77 192.1 173.4 520.2



Abundance Ion 74.90 (74.60 to 75.60): VW
Ion 77.00 (76.70 to 77.70): VW





#77

Bromobenzene

Concen: 99.661 ug/l

RT: 12.75 min Scan# 1779

Delta R.T. 0.00 min

Lab File: VW016400.D

Acq: 28 Aug 2020 14:08

Instrument :

MSVOA_W

ClientSampled :

VSTDIC100

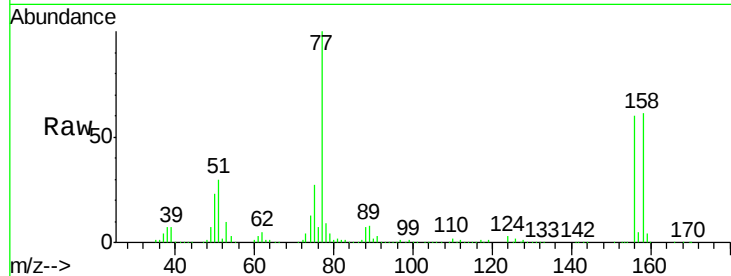
Tgt Ion: 156 Resp: 204380

Ion Ratio Lower Upper

156 100

77 181.6 90.0 269.9

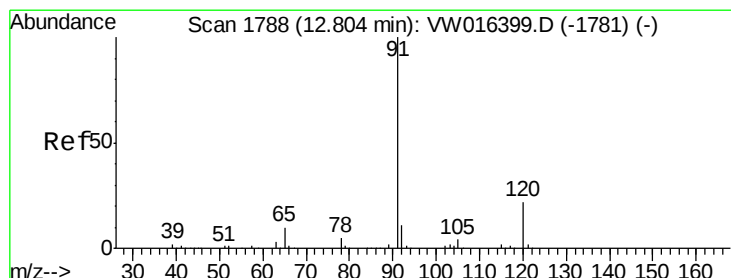
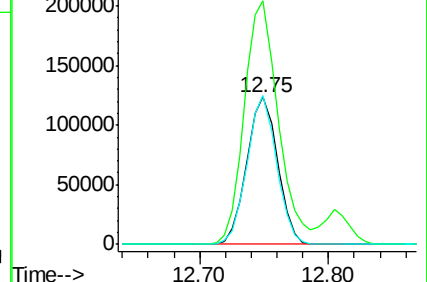
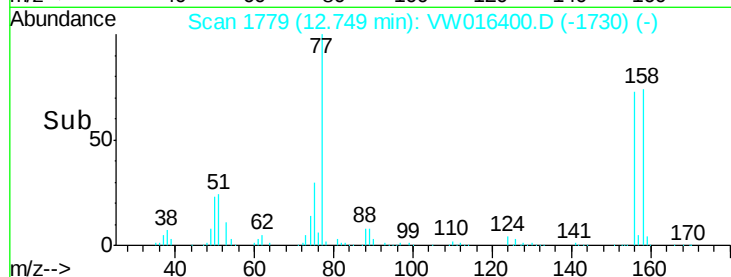
158 96.2 47.3 141.8



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VW

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 95.929 ug/l

RT: 12.80 min Scan# 1788

Delta R.T. 0.00 min

Lab File: VW016400.D

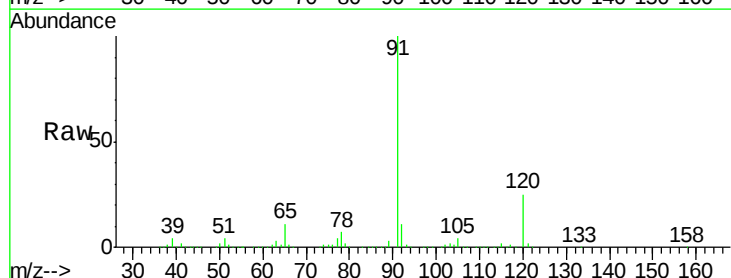
Acq: 28 Aug 2020 14:08

Tgt Ion: 91 Resp: 1047646

Ion Ratio Lower Upper

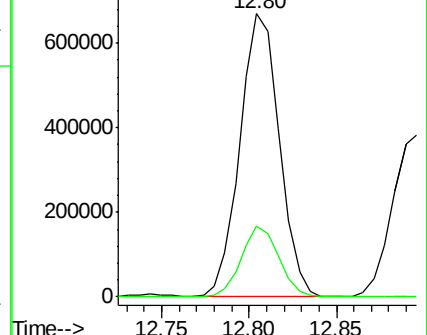
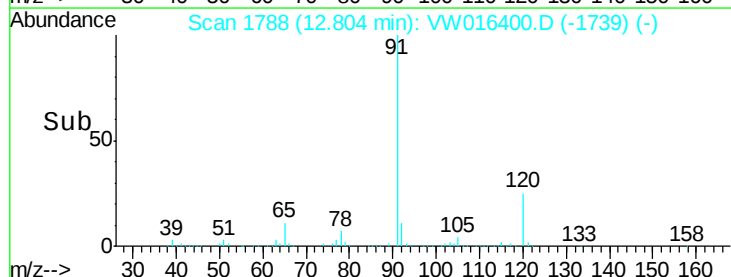
91 100

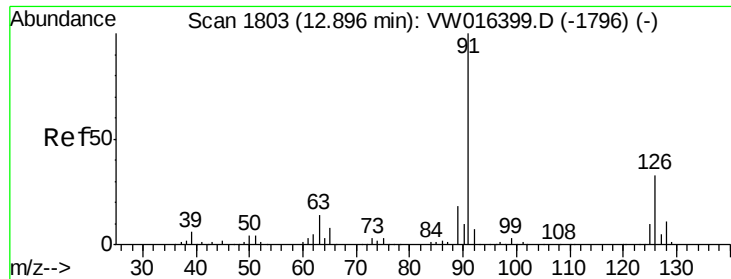
120 23.9 11.3 33.9



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 97.721 ug/l

RT: 12.90 min Scan# 1803

Delta R.T. 0.00 min

Lab File: VW016400.D

Acq: 28 Aug 2020 14:08

Instrument :

MSVOA_W

ClientSampleId :

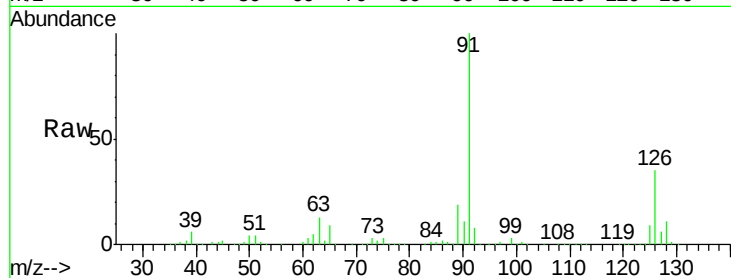
VSTDIC100

Tgt Ion: 91 Resp: 618035

Ion Ratio Lower Upper

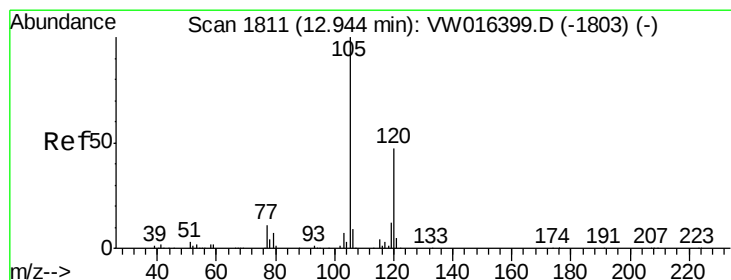
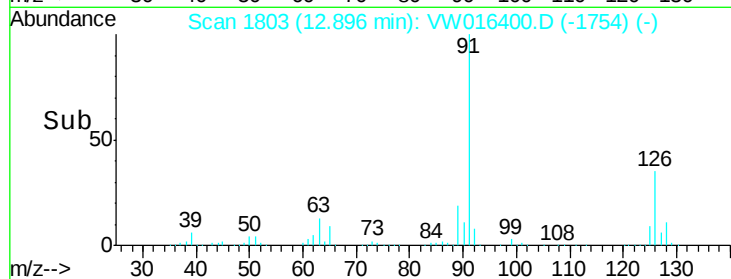
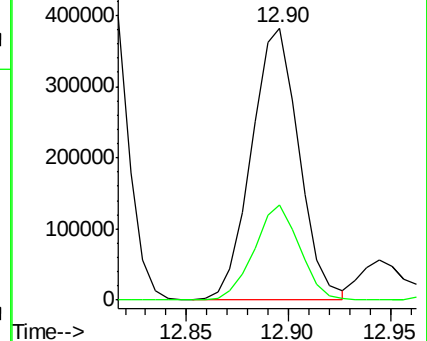
91 100

126 33.6 16.4 49.1



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 125.90 (125.60 to 126.60): V



#80

1,3,5-Trimethylbenzene

Concen: 100.043 ug/l

RT: 12.94 min Scan# 1811

Delta R.T. 0.00 min

Lab File: VW016400.D

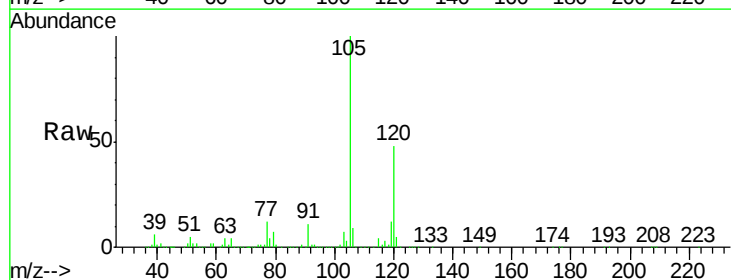
Acq: 28 Aug 2020 14:08

Tgt Ion: 105 Resp: 792219

Ion Ratio Lower Upper

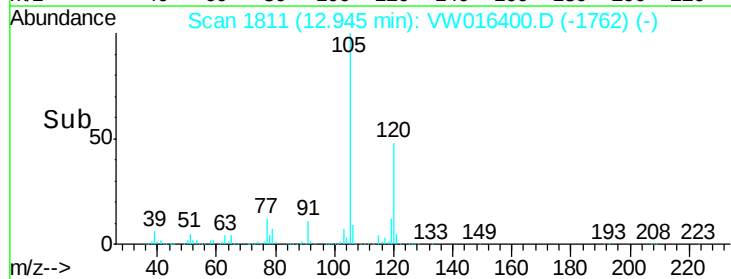
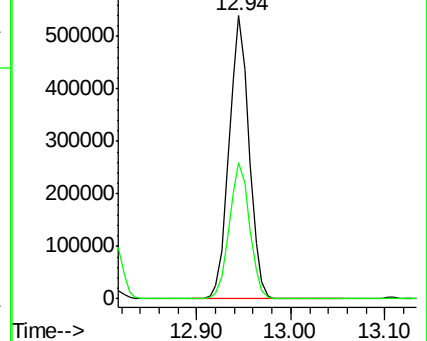
105 100

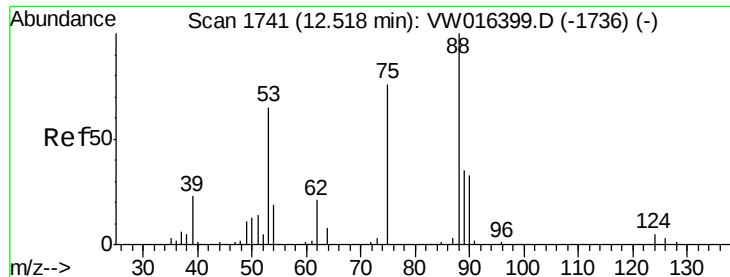
120 48.7 23.8 71.2



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#81

trans-1,4-Dichloro-2-butene

Concen: 108.350 ug/l

RT: 12.51 min Scan# 1740

Delta R.T. -0.01 min

Lab File: VW016400.D

Acq: 28 Aug 2020 14:08

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC100

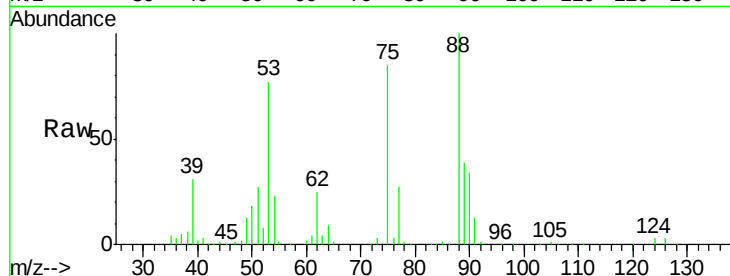
Tgt Ion: 75 Resp: 49814

Ion Ratio Lower Upper

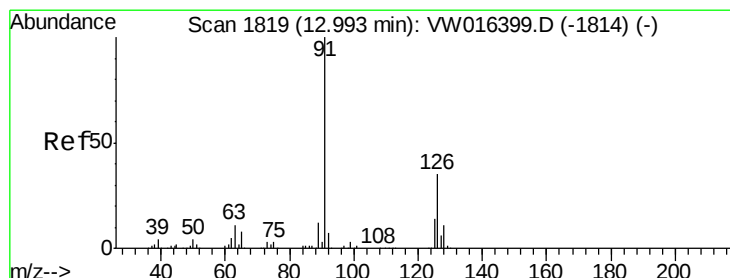
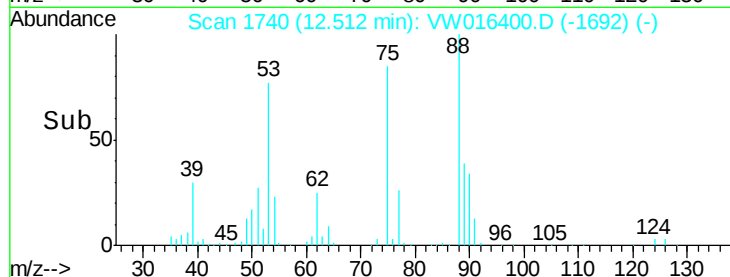
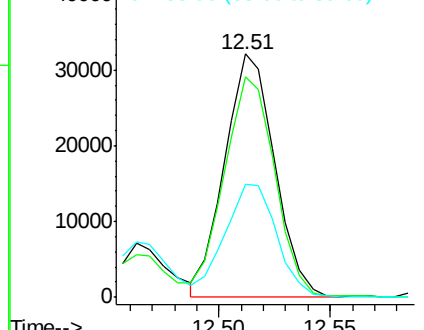
75 100

53 92.8 75.2 112.8

89 48.9 40.4 60.6



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: 98.104 ug/l

RT: 12.99 min Scan# 1818

Delta R.T. -0.01 min

Lab File: VW016400.D

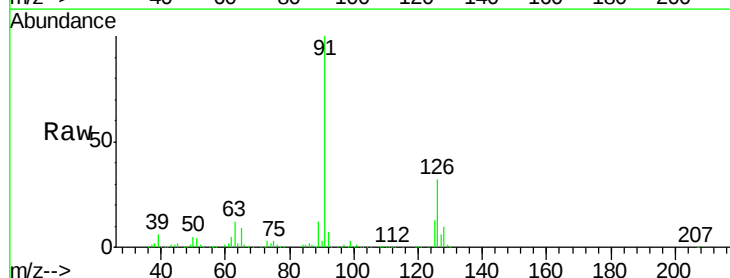
Acq: 28 Aug 2020 14:08

Tgt Ion: 91 Resp: 644491

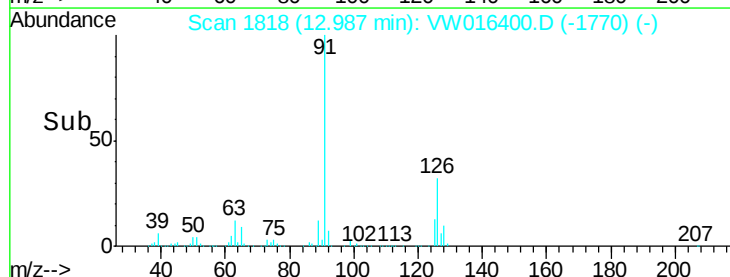
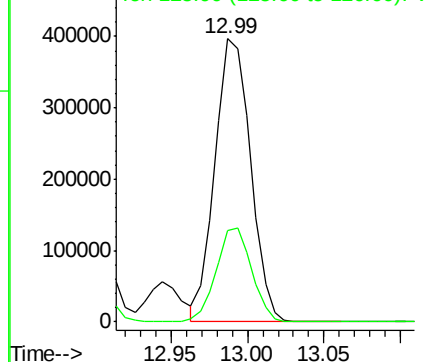
Ion Ratio Lower Upper

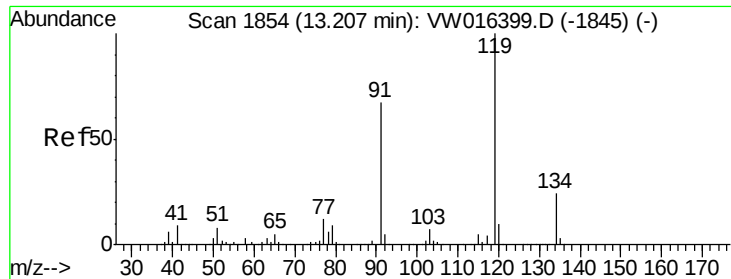
91 100

126 33.3 17.0 50.9



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

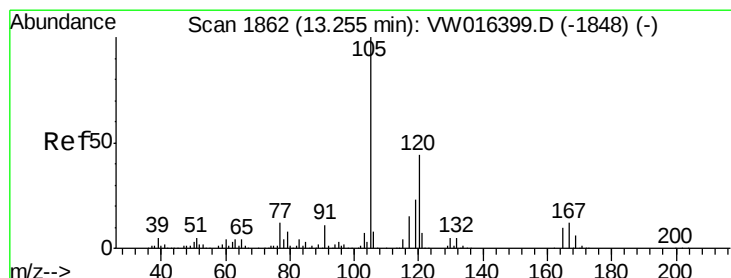
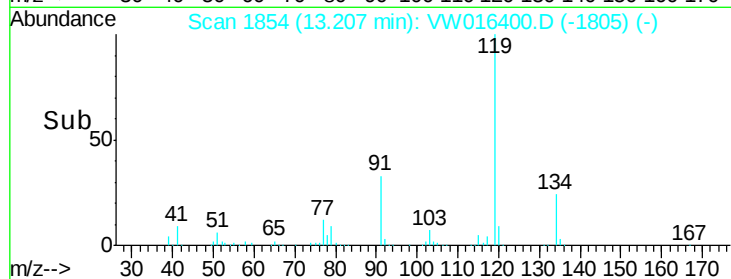
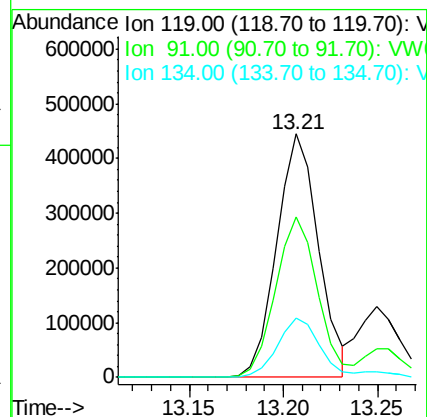
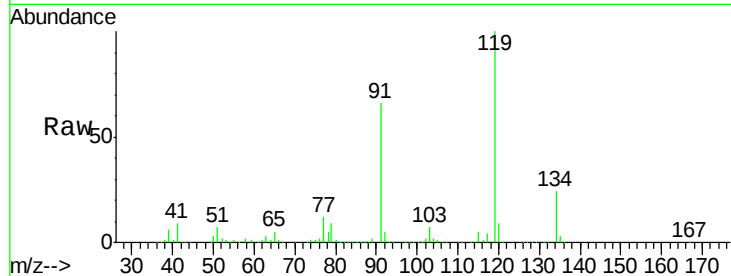




#83
tert-Butylbenzene
Concen: 105.603 ug/l
RT: 13.21 min Scan# 1854
Delta R.T. 0.00 min
Lab File: VW016400.D
Acq: 28 Aug 2020 14:08

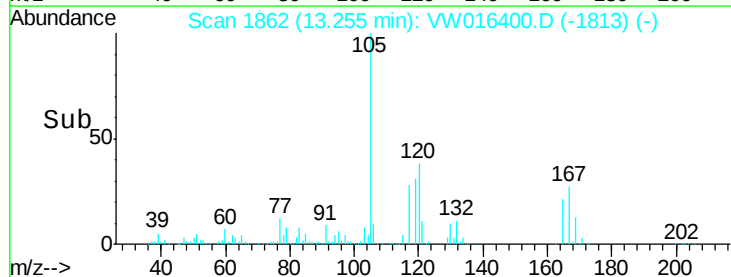
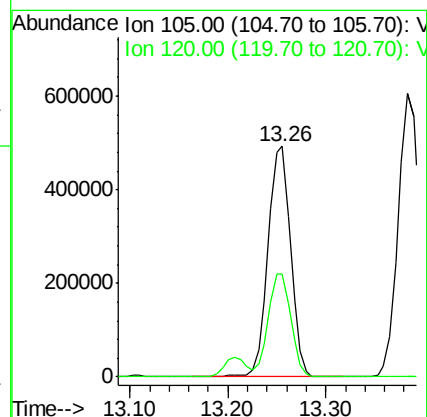
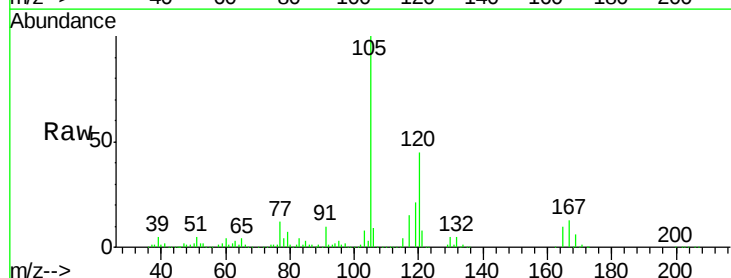
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC100

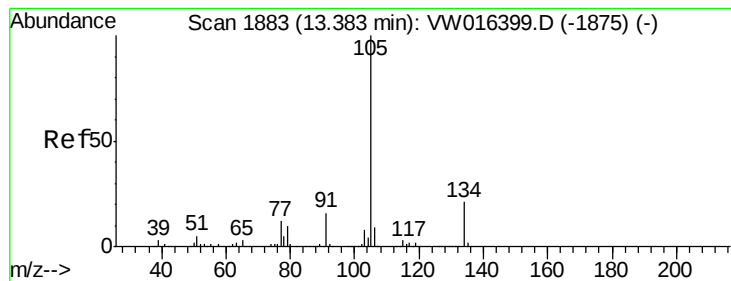
Tgt Ion:119 Resp: 683958
Ion Ratio Lower Upper
119 100
91 66.8 34.1 102.3
134 26.0 12.3 36.8



#84
1,2,4-Trimethylbenzene
Concen: 101.496 ug/l
RT: 13.26 min Scan# 1862
Delta R.T. 0.00 min
Lab File: VW016400.D
Acq: 28 Aug 2020 14:08

Tgt Ion:105 Resp: 791197
Ion Ratio Lower Upper
105 100
120 44.6 22.1 66.1





#85

sec-Butylbenzene

Concen: 99.157 ug/l

RT: 13.38 min Scan# 1883

Delta R.T. 0.00 min

Lab File: VW016400.D

Acq: 28 Aug 2020 14:08

Instrument :

MSVOA_W

ClientSampleId :

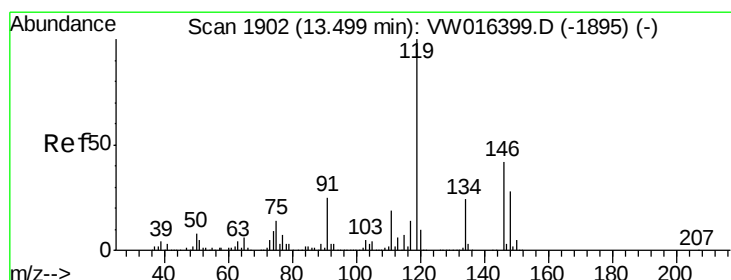
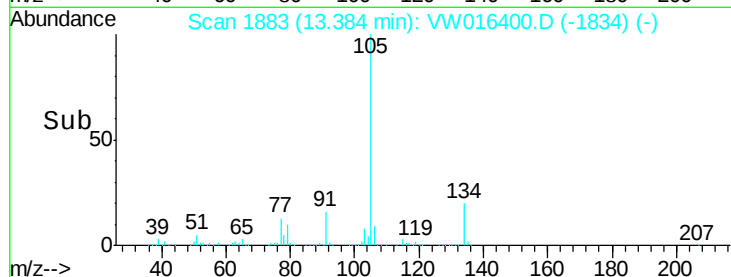
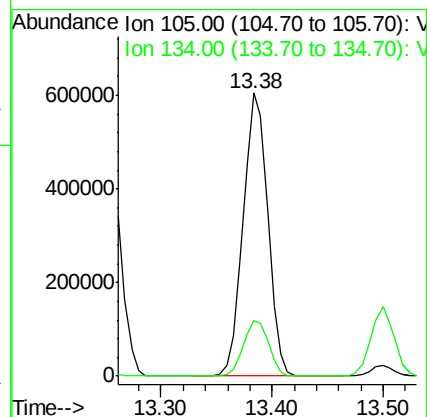
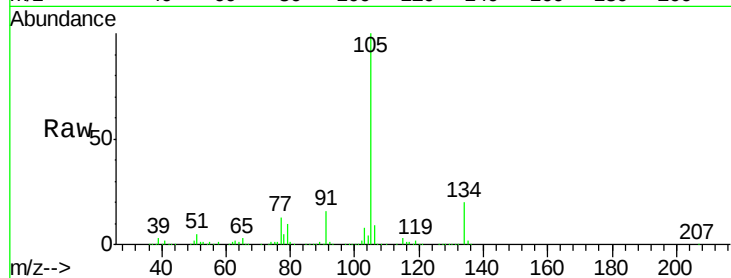
VSTDIC100

Tgt Ion:105 Resp: 927877

Ion Ratio Lower Upper

105 100

134 20.3 10.0 30.0



#86

p-Isopropyltoluene

Concen: 100.853 ug/l

RT: 13.50 min Scan# 1902

Delta R.T. 0.00 min

Lab File: VW016400.D

Acq: 28 Aug 2020 14:08

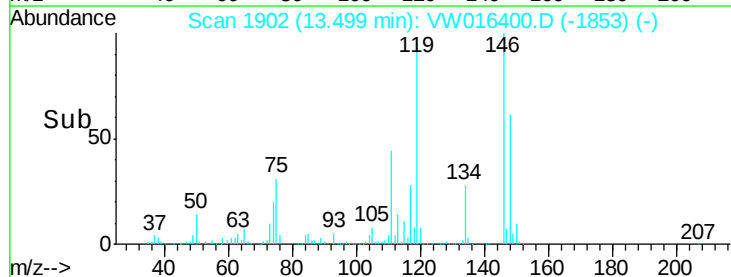
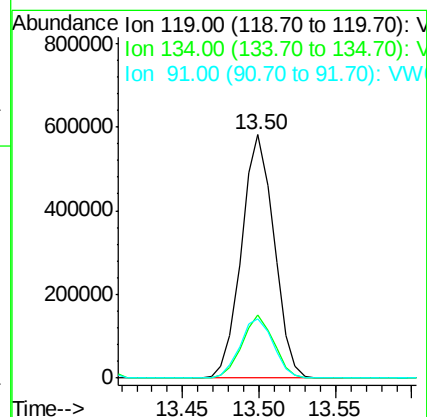
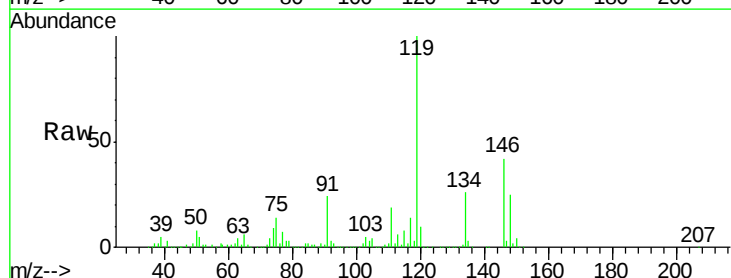
Tgt Ion:119 Resp: 859889

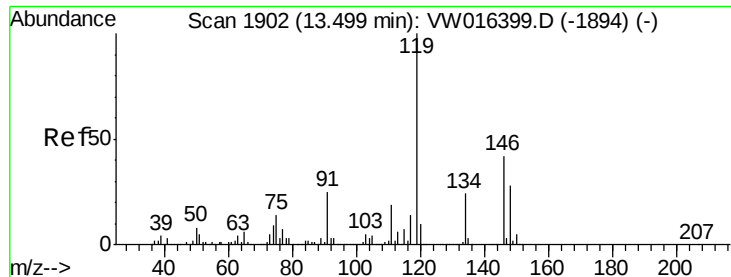
Ion Ratio Lower Upper

119 100

134 25.4 12.6 37.6

91 24.9 12.2 36.4

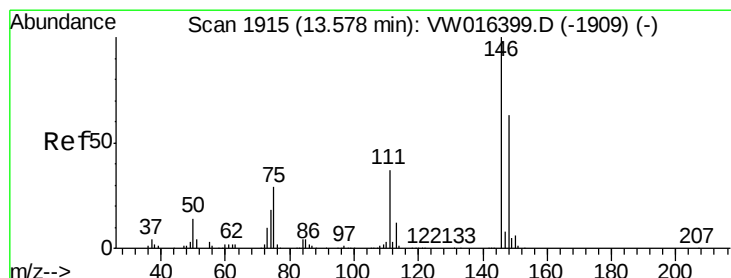
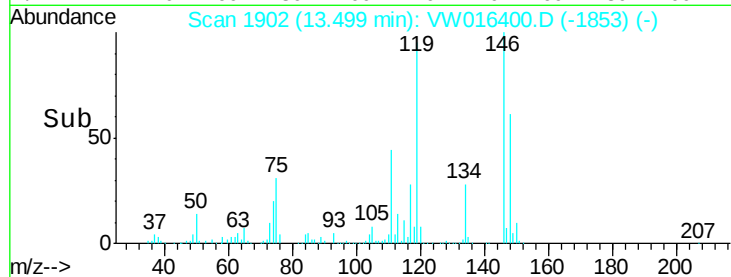
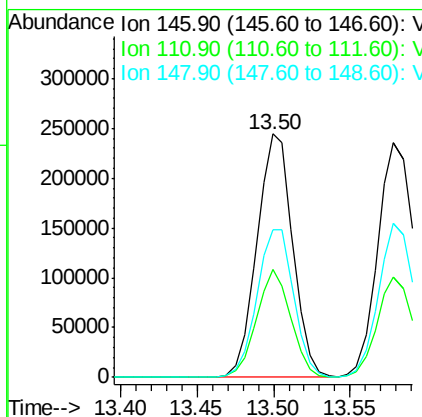
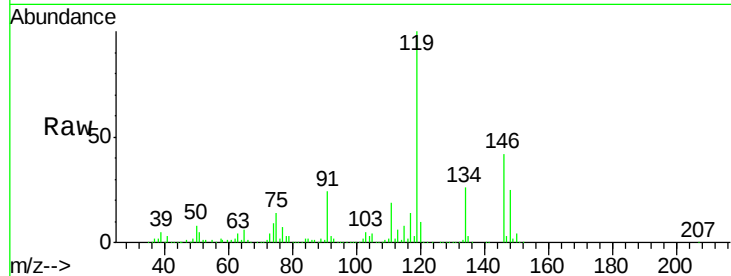




#87
 1,3-Dichlorobenzene
 Concen: 98.580 ug/l
 RT: 13.50 min Scan# 1902
 Delta R.T. 0.00 min
 Lab File: VW016400.D
 Acq: 28 Aug 2020 14:08

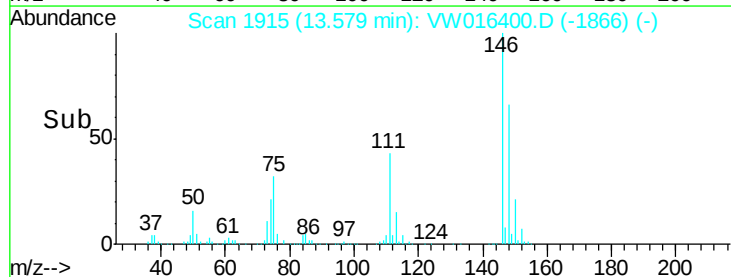
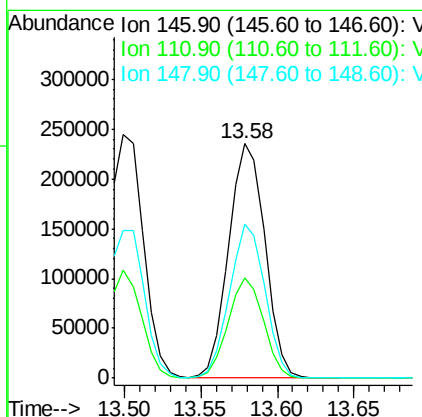
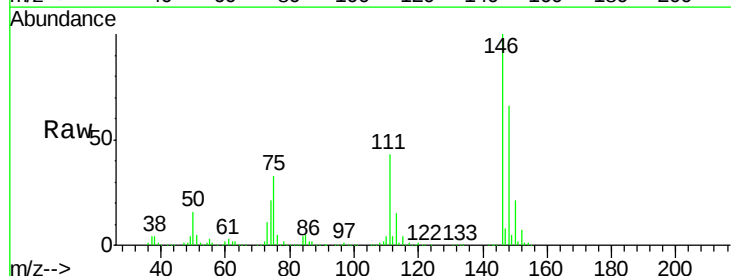
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC100

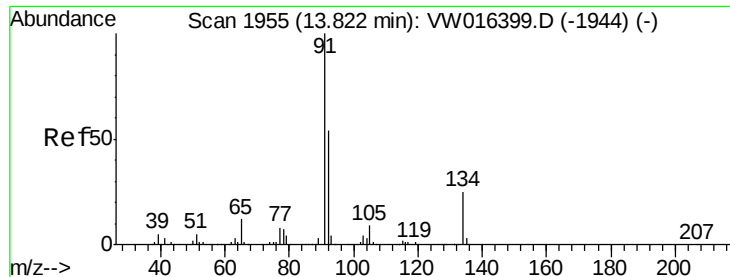
Tgt Ion:146 Resp: 397795
 Ion Ratio Lower Upper
 146 100
 111 42.6 22.6 67.8
 148 62.3 33.6 100.8



#88
 1,4-Dichlorobenzene
 Concen: 96.436 ug/l
 RT: 13.58 min Scan# 1915
 Delta R.T. 0.00 min
 Lab File: VW016400.D
 Acq: 28 Aug 2020 14:08

Tgt Ion:146 Resp: 387399
 Ion Ratio Lower Upper
 146 100
 111 41.7 20.4 61.3
 148 64.3 32.0 96.2





#89

n-Butylbenzene

Concen: 101.315 ug/l

RT: 13.82 min Scan# 1955

Delta R.T. 0.00 min

Lab File: VW016400.D

Acq: 28 Aug 2020 14:08

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC100

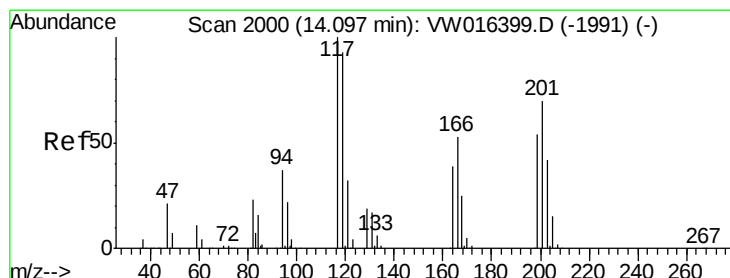
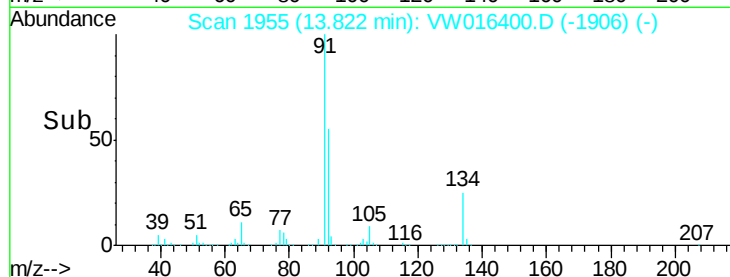
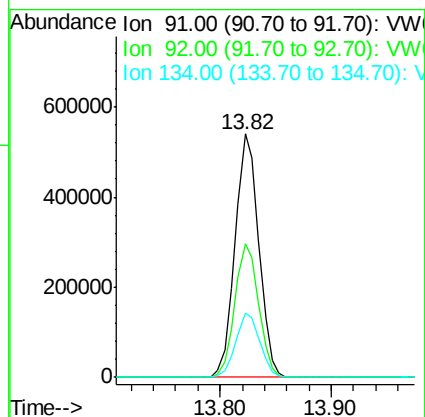
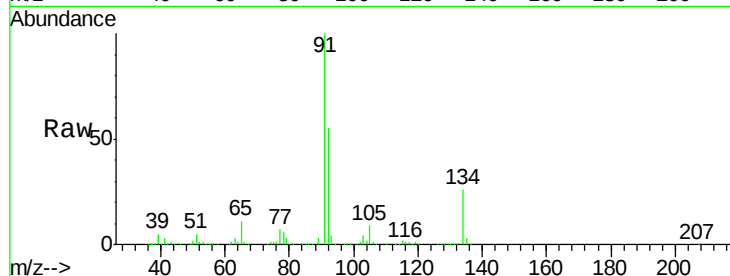
Tgt Ion: 91 Resp: 795217

Ion Ratio Lower Upper

91 100

92 55.0 26.8 80.4

134 26.7 13.2 39.6



#90

Hexachloroethane

Concen: 100.670 ug/l

RT: 14.10 min Scan# 2000

Delta R.T. 0.00 min

Lab File: VW016400.D

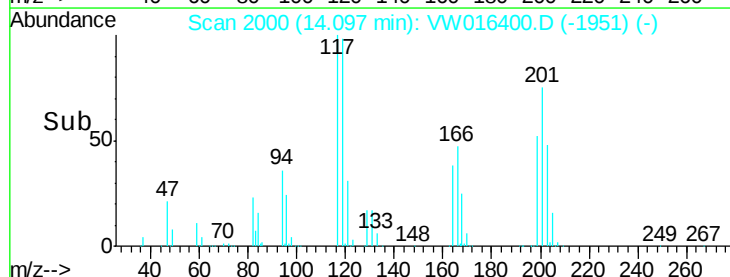
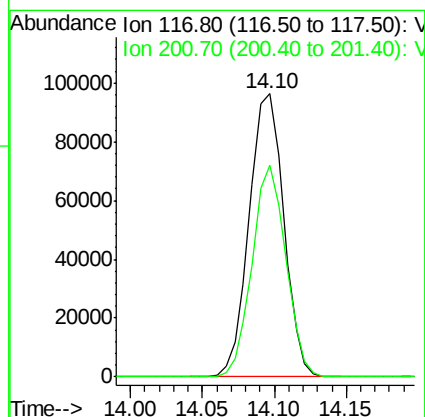
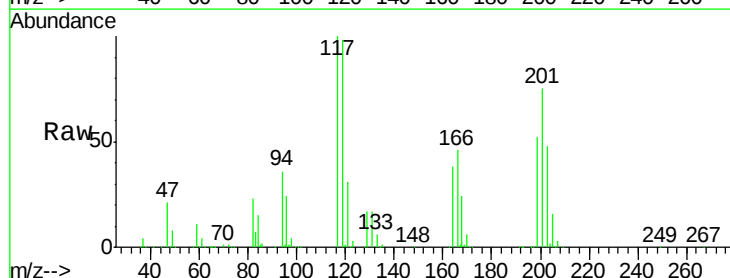
Acq: 28 Aug 2020 14:08

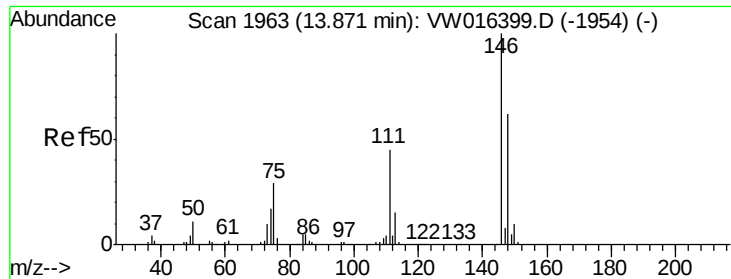
Tgt Ion: 117 Resp: 160323

Ion Ratio Lower Upper

117 100

201 72.7 35.9 107.7

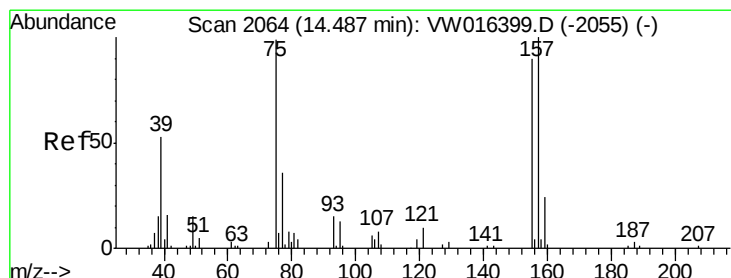
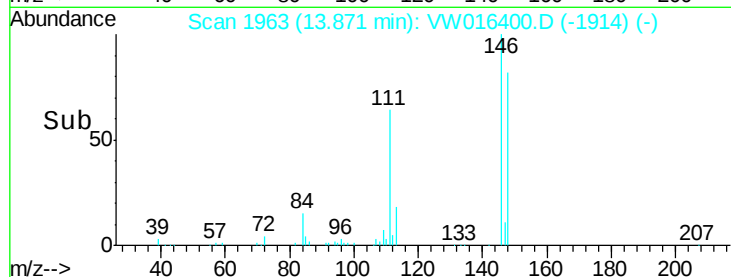
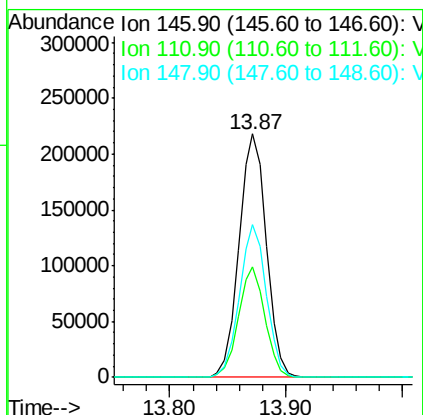
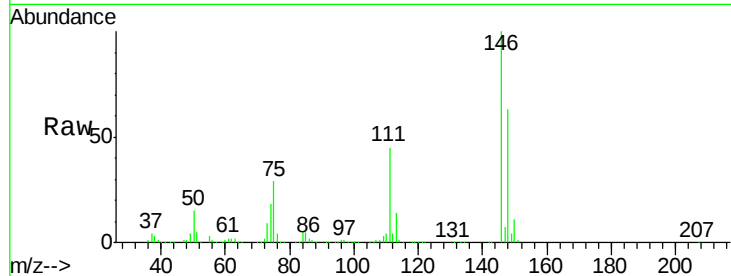




#91
 1,2-Dichlorobenzene
 Concen: 99.944 ug/l
 RT: 13.87 min Scan# 1963
 Delta R.T. 0.00 min
 Lab File: VW016400.D
 Acq: 28 Aug 2020 14:08

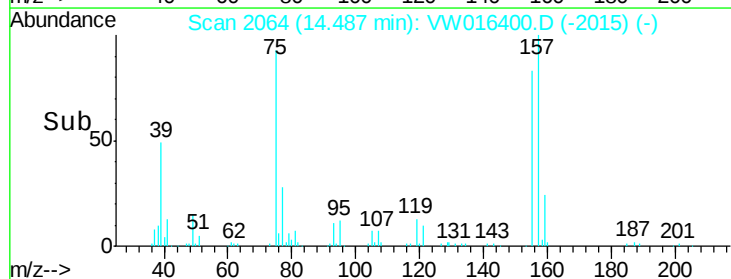
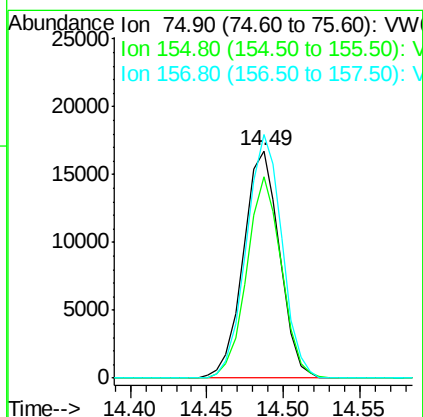
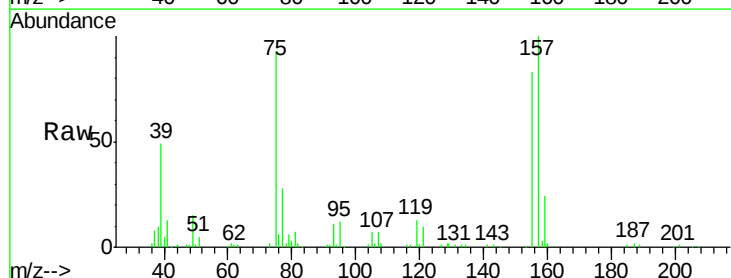
Instrument :
 MSVOA_W
 ClientSampled :
 VSTDIC100

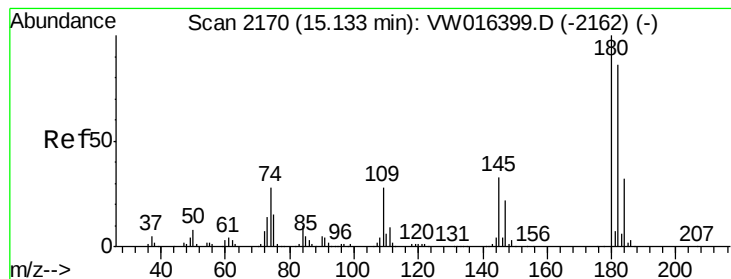
Tgt Ion: 146 Resp: 355612
 Ion Ratio Lower Upper
 146 100
 111 43.9 22.3 66.8
 148 62.0 32.0 96.0



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 115.131 ug/l
 RT: 14.49 min Scan# 2064
 Delta R.T. 0.00 min
 Lab File: VW016400.D
 Acq: 28 Aug 2020 14:08

Tgt Ion: 75 Resp: 27597
 Ion Ratio Lower Upper
 75 100
 155 84.6 41.4 124.4
 157 105.3 52.1 156.4





#93

1,2,4-Trichlorobenzene

Concen: 113.969 ug/l

RT: 15.13 min Scan# 2170

Delta R.T. 0.00 min

Lab File: VW016400.D

Acq: 28 Aug 2020 14:08

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC100

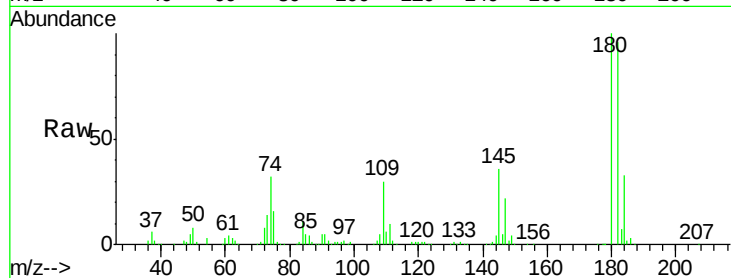
Tgt Ion:180 Resp: 245072

Ion Ratio Lower Upper

180 100

182 96.0 44.9 134.7

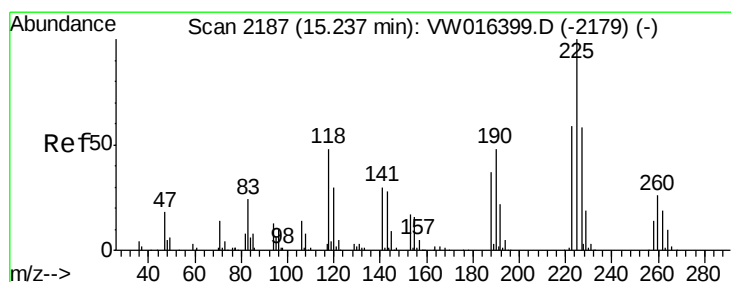
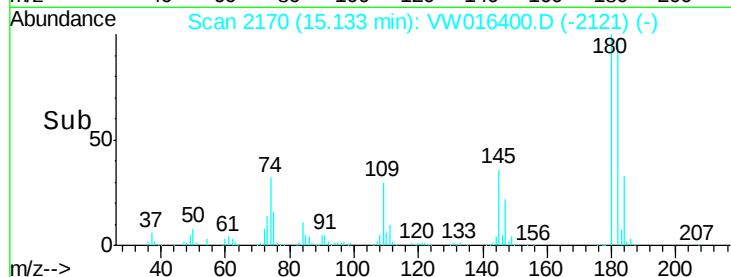
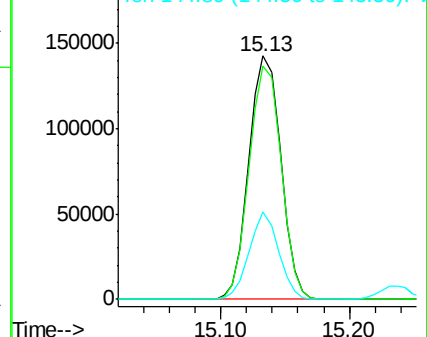
145 33.1 17.1 51.2



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: 107.115 ug/l

RT: 15.23 min Scan# 2186

Delta R.T. -0.01 min

Lab File: VW016400.D

Acq: 28 Aug 2020 14:08

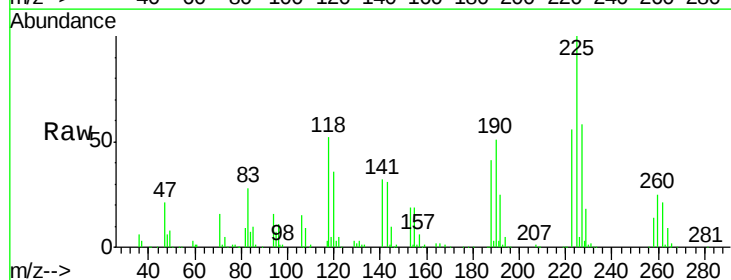
Tgt Ion:225 Resp: 139407

Ion Ratio Lower Upper

225 100

223 64.1 30.5 91.5

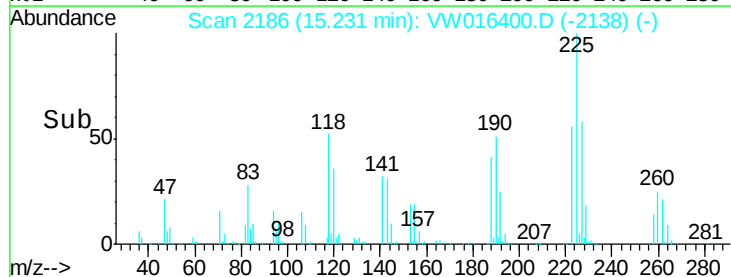
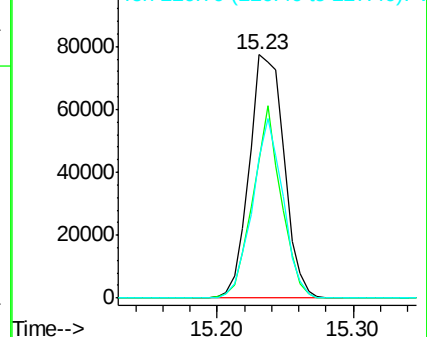
227 64.7 30.7 92.1

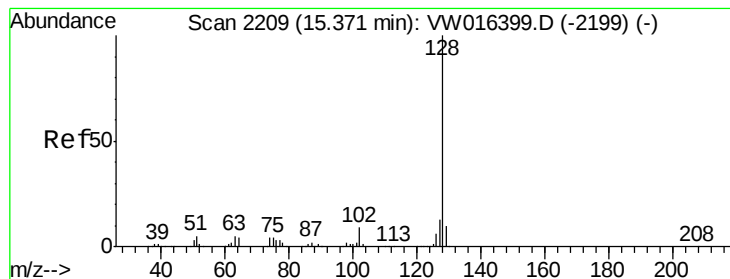


Abundance Ion 224.70 (224.40 to 225.40): V

Ion 222.70 (222.40 to 223.40): V

Ion 226.70 (226.40 to 227.40): V





#95

Naphthalene

Concen: 123.943 ug/l

RT: 15.37 min Scan# 2209

Delta R.T. 0.00 min

Lab File: VW016400.D

Acq: 28 Aug 2020 14:08

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC100

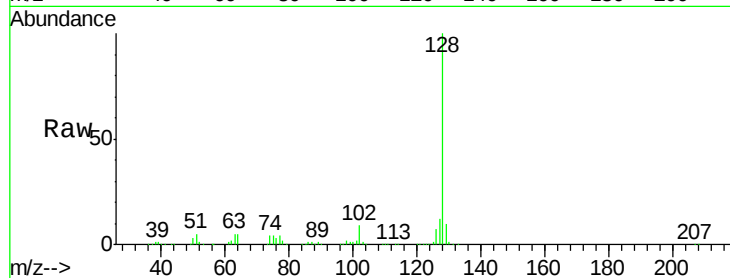
Tgt Ion:128 Resp: 487418

Ion Ratio Lower Upper

128 100

127 12.8 10.2 15.4

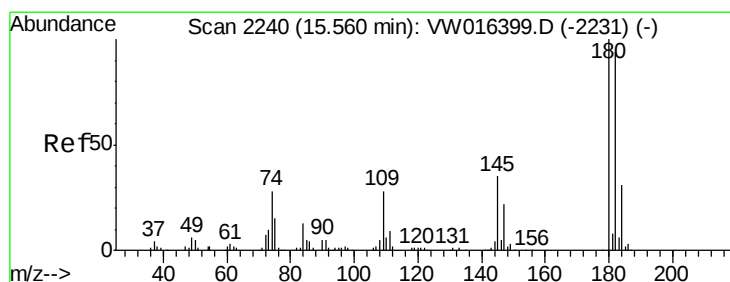
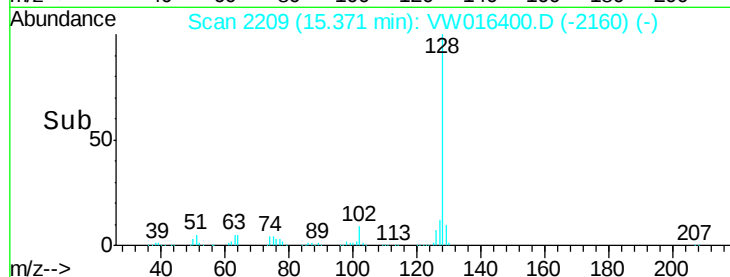
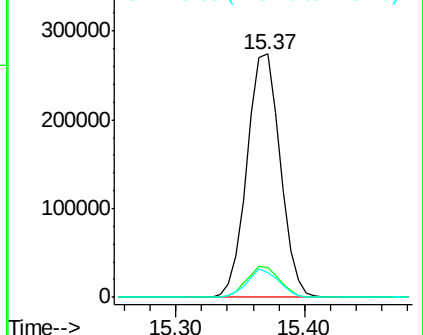
129 11.0 8.3 12.5



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 118.121 ug/l

RT: 15.56 min Scan# 2240

Delta R.T. 0.00 min

Lab File: VW016400.D

Acq: 28 Aug 2020 14:08

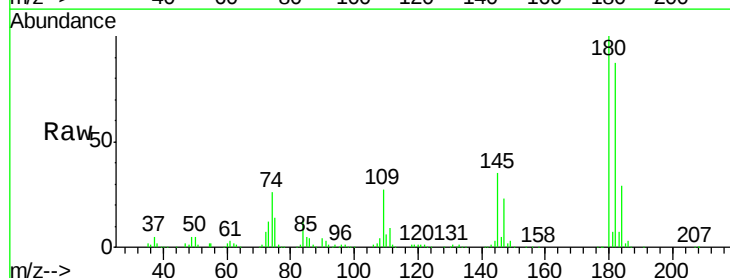
Tgt Ion:180 Resp: 217783

Ion Ratio Lower Upper

180 100

182 95.4 46.5 139.5

145 36.1 18.1 54.3



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

