

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW072719\
 Data File : VW011536.D
 Acq On : 27 Jul 2019 00:00
 Operator : SY/VA
 Sample : VW0727SBS02
 Misc : 5.00G/5.0ML/MSVOA W/SOIL
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 TP-2-B

Quant Time: Jul 27 05:35:18 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W072719S.M
 Quant Title : SW846 8260
 QLast Update : Sat Jul 27 00:23:30 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	224350	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	378903	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	336418	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	162127	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	132461	51.42	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.84%	
35) Dibromofluoromethane	7.88	113	103903	48.88	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.76%	
50) Toluene-d8	10.32	98	422237	48.51	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.02%	
62) 4-Bromofluorobenzene	12.62	95	153129	49.35	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.70%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.01	85	28814	23.045	ug/l	98
3) Chloromethane	2.21	50	46410	21.406	ug/l	98
4) Vinyl Chloride	2.36	62	54154	20.747	ug/l	100
5) Bromomethane	2.77	94	29014	20.082	ug/l	94
6) Chloroethane	2.92	64	30016	20.131	ug/l	99
7) Trichlorofluoromethane	3.25	101	21192	18.166	ug/l	97
8) Diethyl Ether	3.68	74	29415	22.239	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	4.06	101	44554	20.134	ug/l	98
10) Methyl Iodide	4.27	142	66051	21.121	ug/l	100
11) Tert butyl alcohol	5.17	59	23973	116.577	ug/l	98
12) 1,1-Dichloroethene	4.04	96	47967	20.529	ug/l	99
13) Acrolein	3.89	56	17410	94.186	ug/l	98
14) Allyl chloride	4.67	41	98567	19.834	ug/l	98
15) Acrylonitrile	5.37	53	71253	107.917	ug/l	99
16) Acetone	4.12	43	66707	81.402	ug/l	96
17) Carbon Disulfide	4.38	76	144947	19.821	ug/l	98
18) Methyl Acetate	4.67	43	43639	23.705	ug/l	100
19) Methyl tert-butyl Ether	5.42	73	82176	22.163	ug/l	94
20) Methylene Chloride	4.92	84	58198	20.592	ug/l	98
21) trans-1,2-Dichloroethene	5.42	96	51861	20.588	ug/l	98
22) Diisopropyl ether	6.31	45	205533	21.937	ug/l	96
23) Vinyl Acetate	6.25	43	613137	104.146	ug/l	99
24) 1,1-Dichloroethane	6.21	63	106016	21.127	ug/l	99
25) 2-Butanone	7.17	43	108524	101.207	ug/l	97
26) 2,2-Dichloropropane	7.16	77	59423	19.256	ug/l	98
27) cis-1,2-Dichloroethene	7.17	96	57435	20.717	ug/l	96
28) Bromochloromethane	7.51	49	48434	21.746	ug/l #	99
29) Tetrahydrofuran	7.52	42	68302	111.434	ug/l	99
30) Chloroform	7.67	83	97183	20.993	ug/l	97
31) Cyclohexane	7.95	56	95380	19.802	ug/l	96
32) 1,1,1-Trichloroethane	7.87	97	72004	20.423	ug/l	99
36) 1,1-Dichloropropene	8.08	75	77630	19.704	ug/l	99
37) Ethyl Acetate	7.25	43	48539	21.414	ug/l	98
38) Carbon Tetrachloride	8.07	117	63944	18.959	ug/l	94

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 Misc : 5.00G/5.0ML/MSVOA W/SOIL
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 TP-2-B

Quant Time: Jul 27 05:35:18 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W072719S.M
 Quant Title : SW846 8260
 QLast Update : Sat Jul 27 00:23:30 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	84894	19.568	ug/l	99
40) Benzene	8.32	78	225250	20.411	ug/l	100
41) Methacrylonitrile	7.48	41	31386	23.163	ug/l	94
42) 1,2-Dichloroethane	8.40	62	72068	20.858	ug/l	99
43) Isopropyl Acetate	8.42	43	88462	21.221	ug/l	100
44) Trichloroethene	9.09	130	53838	20.297	ug/l	99
45) 1,2-Dichloropropane	9.37	63	60704	20.558	ug/l	96
46) Dibromomethane	9.46	93	28214	20.934	ug/l	98
47) Bromodichloromethane	9.65	83	70336	19.896	ug/l	98
48) Methyl methacrylate	9.43	41	41925	20.937	ug/l	99
49) 1,4-Dioxane	9.45	88	8428	431.889	ug/l	95
51) 4-Methyl-2-Pentanone	10.21	43	232411	107.184	ug/l	100
52) Toluene	10.39	92	135784	20.374	ug/l	99
53) t-1,3-Dichloropropene	10.60	75	72324	19.584	ug/l	97
54) cis-1,3-Dichloropropene	10.07	75	86620	19.727	ug/l	99
55) 1,1,2-Trichloroethane	10.79	97	40097	20.969	ug/l	98
56) Ethyl methacrylate	10.65	69	59001	21.085	ug/l	100
57) 1,3-Dichloropropane	10.93	76	76244	21.075	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.92	63	141360	111.264	ug/l	100
59) 2-Hexanone	10.97	43	154218	100.731	ug/l	99
60) Dibromochloromethane	11.13	129	43164	20.335	ug/l	99
61) 1,2-Dibromoethane	11.23	107	37642	20.801	ug/l	99
64) Tetrachloroethene	10.86	164	46535	21.245	ug/l	99
65) Chlorobenzene	11.66	112	135317	20.007	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.73	131	47001	19.950	ug/l	100
67) Ethyl Benzene	11.73	91	258193	20.044	ug/l	100
68) m/p-Xylenes	11.84	106	189140	40.375	ug/l	99
69) o-Xylene	12.16	106	88061	20.229	ug/l	99
70) Styrene	12.18	104	152826	20.304	ug/l	99
71) Bromoform	12.35	173	24181	20.131	ug/l #	97
73) Isopropylbenzene	12.46	105	238394	19.710	ug/l	99
74) N-amyl acetate	12.27	43	78900	20.836	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.71	83	48446	21.294	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	62709	36.555	ug/l #	100
77) Bromobenzene	12.75	156	55542	20.776	ug/l	99
78) n-propylbenzene	12.80	91	293101	19.912	ug/l	100
79) 2-Chlorotoluene	12.89	91	170259	20.078	ug/l	100
80) 1,3,5-Trimethylbenzene	12.94	105	206524	20.370	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.51	75	13616	18.292	ug/l	94
82) 4-Chlorotoluene	12.99	91	181025	20.346	ug/l	100
83) tert-Butylbenzene	13.21	119	169287	19.967	ug/l	99
84) 1,2,4-Trimethylbenzene	13.25	105	207800	20.346	ug/l	99
85) sec-Butylbenzene	13.38	105	241184	19.936	ug/l	100
86) p-Isopropyltoluene	13.50	119	217529	19.818	ug/l	100
87) 1,3-Dichlorobenzene	13.50	146	106185	20.257	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	106140	20.355	ug/l	99
89) n-Butylbenzene	13.82	91	210381	19.206	ug/l	99
90) Hexachloroethane	14.10	117	37467	19.304	ug/l	99
91) 1,2-Dichlorobenzene	13.87	146	95386	20.574	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.48	75	8109	20.902	ug/l	98

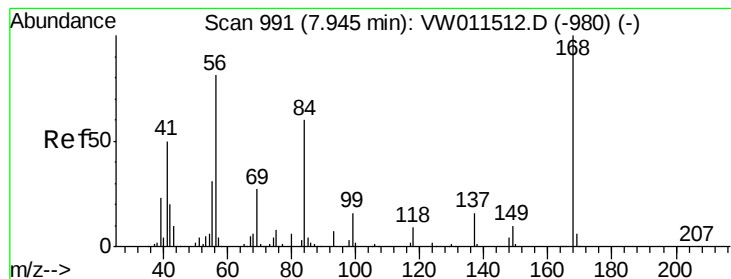
Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW072719\
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MSVOA_W
ClientSampleId :
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Quant Title : SW846 8260
QLast Update : Sat Jul 27 00:23:30 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.13	180	62919	19.256	ug/l	100
94) Hexachlorobutadiene	15.24	225	38752	19.018	ug/l	99
95) Naphthalene	15.37	128	113787	19.109	ug/l	99
96) 1,2,3-Trichlorobenzene	15.56	180	55405	19.344	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.00 min

Lab File: VW011536.D

Acq: 27 Jul 2019 00:00

Instrument :

MSVOA_W

ClientSampleId :

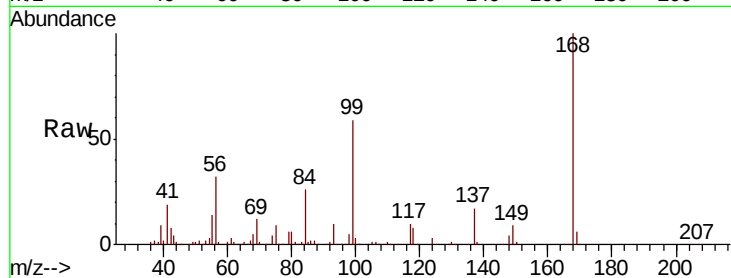
TP-2-B

Tot Ion:168 Resp: 224350

Ion Ratio Lower Upper

168 100

99 58.9 48.2 72.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

120000

100000

80000

60000

40000

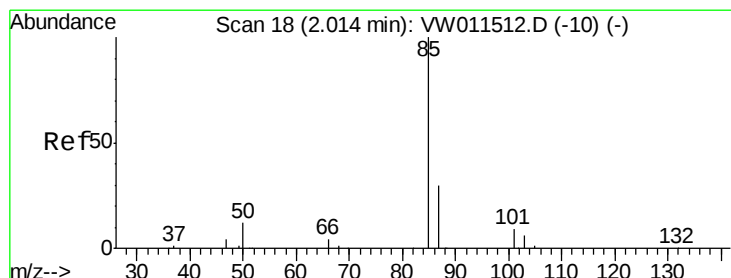
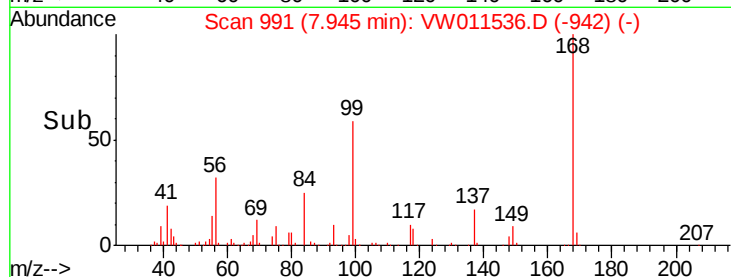
20000

0

7.90

8.00

Time-->



#2

Dichlorodifluoromethane

Concen: 23.045 ug/l

RT: 2.01 min Scan# 17

Delta R.T. -0.01 min

Lab File: VW011536.D

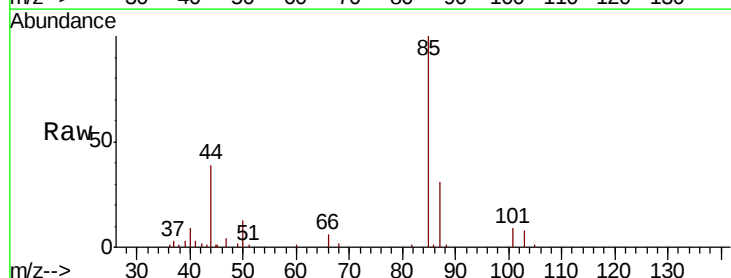
Acq: 27 Jul 2019 00:00

Tgt Ion: 85 Resp: 28814

Ion Ratio Lower Upper

85 100

87 31.5 15.2 45.6



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW

2.01

10000

8000

6000

4000

2000

0

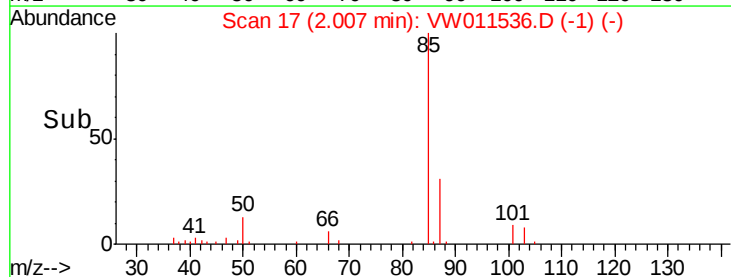
1.90

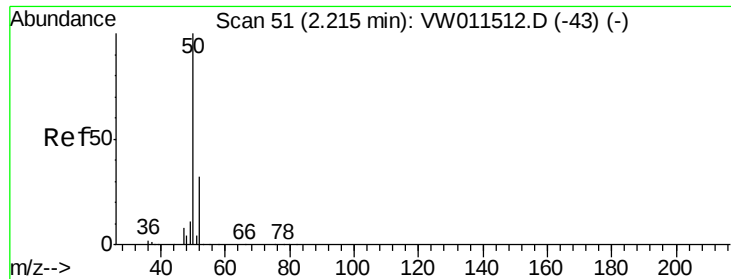
2.00

2.10

2.20

Time-->





#3

Chloromethane

Concen: 21.406 ug/l

RT: 2.21 min Scan# 50

Delta R.T. -0.01 min

Lab File: VW011536.D

Acq: 27 Jul 2019 00:00

Instrument :

MSVOA_W

ClientSampled :

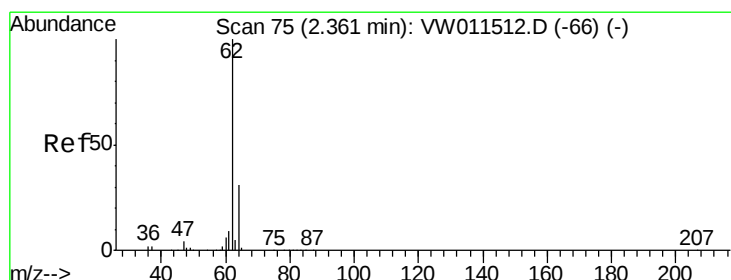
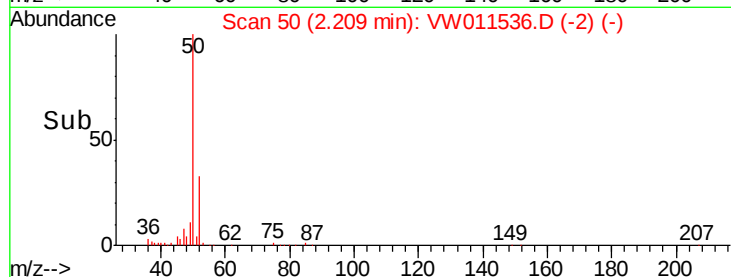
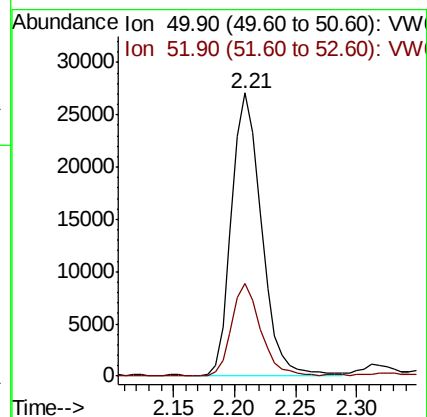
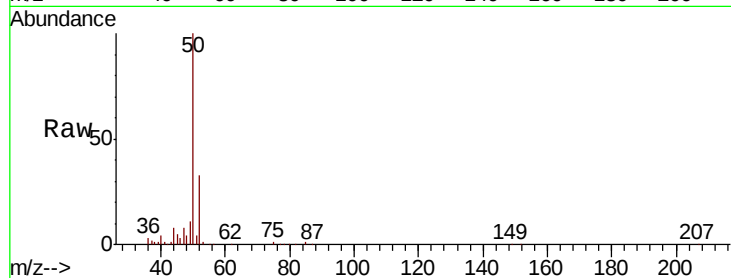
TP-2-B

Tot Ion: 50 Resp: 46410

Ion Ratio Lower Upper

50 100

52 32.8 25.4 38.2



#4

Vinyl Chloride

Concen: 20.747 ug/l

RT: 2.36 min Scan# 75

Delta R.T. -0.00 min

Lab File: VW011536.D

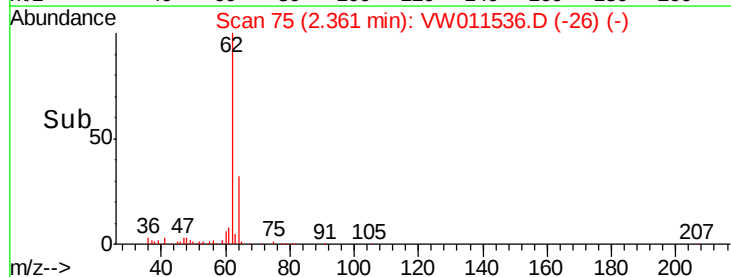
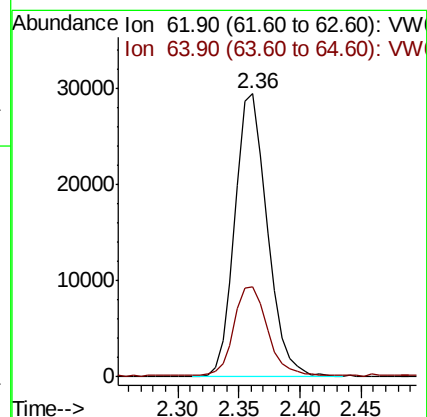
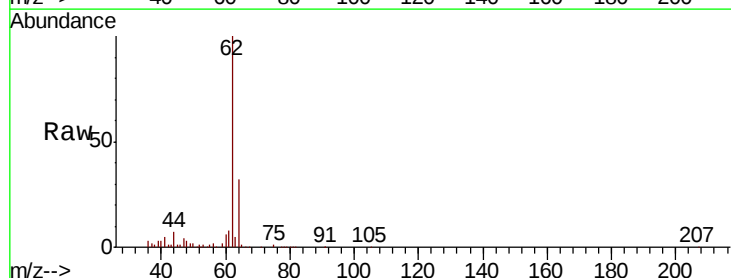
Acq: 27 Jul 2019 00:00

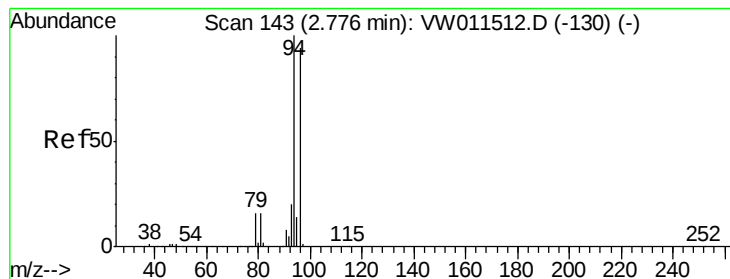
Tgt Ion: 62 Resp: 54154

Ion Ratio Lower Upper

62 100

64 31.5 25.0 37.4





#5

Bromomethane

Concen: 20.082 ug/l

RT: 2.77 min Scan# 142

Delta R.T. -0.01 min

Lab File: VW011536.D

Acq: 27 Jul 2019 00:00

Instrument :

MSVOA_W

ClientSampled :

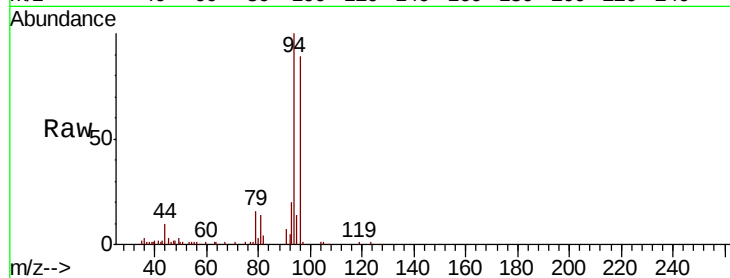
TP-2-B

Tot Ion: 94 Resp: 29014

Ion Ratio Lower Upper

94 100

96 88.2 75.0 112.6



Abundance Ion 93.90 (93.60 to 94.60): VW

Ion 95.90 (95.60 to 96.60): VW

2.77

15000

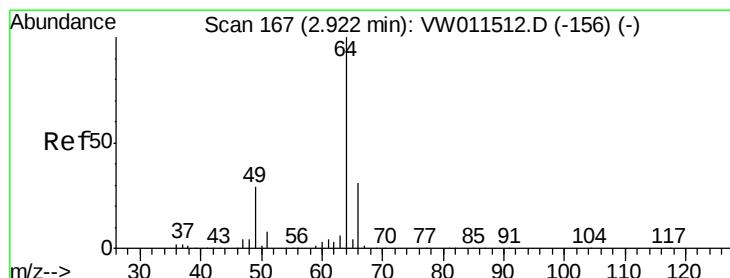
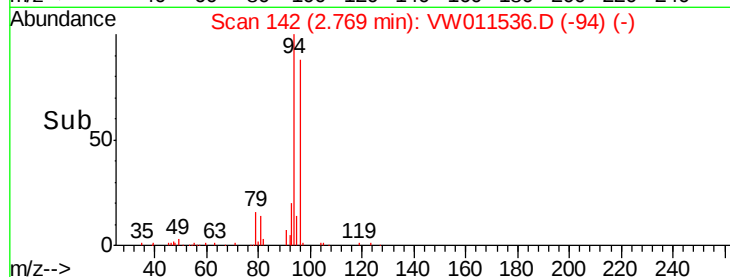
10000

5000

0

2.70 2.80 2.90

Time-->



#6

Chloroethane

Concen: 20.131 ug/l

RT: 2.92 min Scan# 166

Delta R.T. -0.01 min

Lab File: VW011536.D

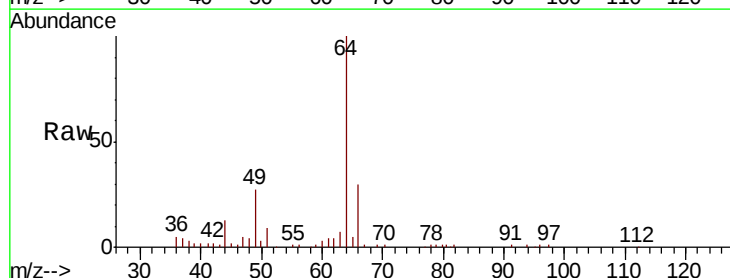
Acq: 27 Jul 2019 00:00

Tgt Ion: 64 Resp: 30016

Ion Ratio Lower Upper

64 100

66 30.2 24.6 36.8



Abundance Ion 63.90 (63.60 to 64.60): VW

Ion 65.90 (65.60 to 66.60): VW

2.92

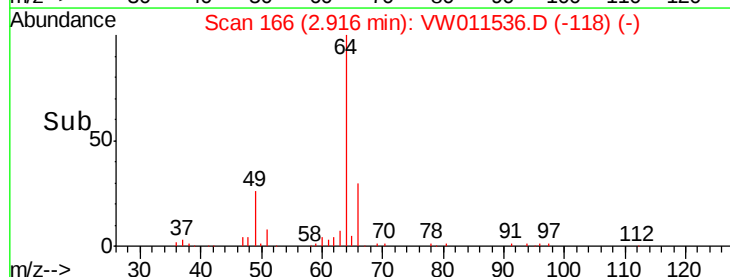
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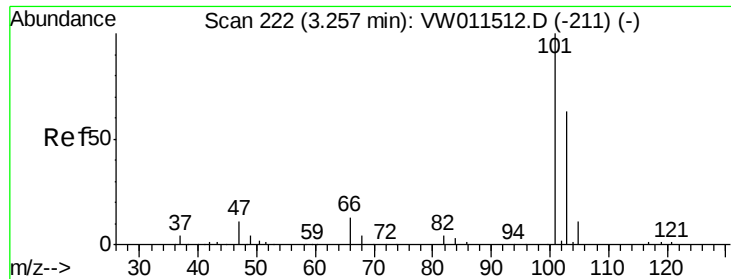
5000

0

2.80 2.90 3.00

Time-->



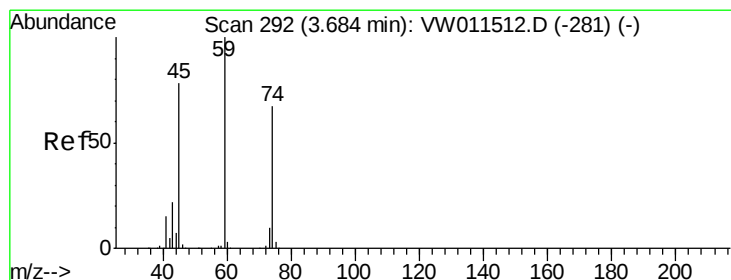
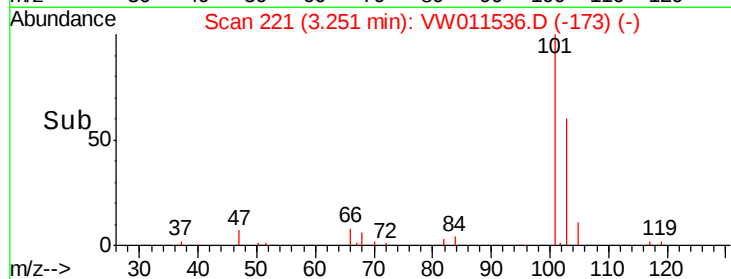
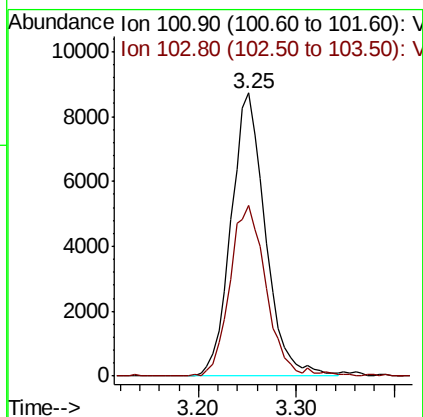
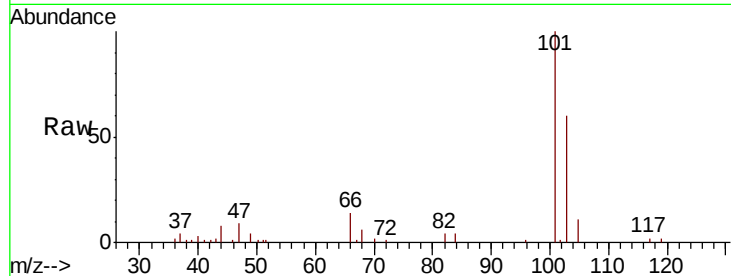


#7

Trichlorofluoromethane
 Concen: 18.166 ug/l
 RT: 3.25 min Scan# 221
 Delta R.T. -0.01 min
 Lab File: VW011536.D
 Acq: 27 Jul 2019 00:00

Instrument :
 MSVOA_W
 ClientSampleId :
 TP-2-B

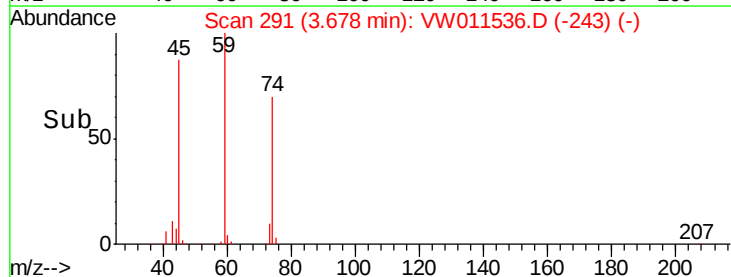
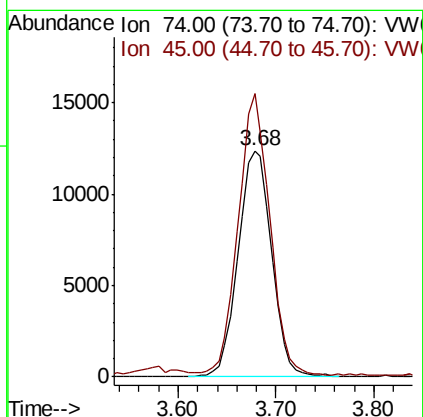
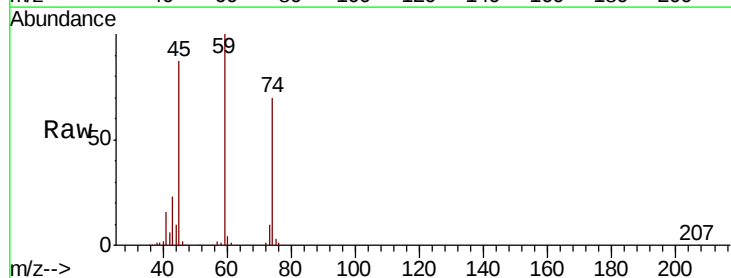
Tot Ion:101 Resp: 21192
 Ion Ratio Lower Upper
 101 100
 103 60.2 50.2 75.4

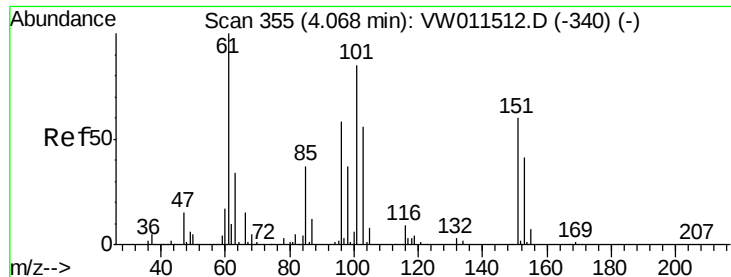


#8

Diethyl Ether
 Concen: 22.239 ug/l
 RT: 3.68 min Scan# 291
 Delta R.T. -0.01 min
 Lab File: VW011536.D
 Acq: 27 Jul 2019 00:00

Tgt Ion: 74 Resp: 29415
 Ion Ratio Lower Upper
 74 100
 45 117.6 59.6 178.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 20.134 ug/l

RT: 4.06 min Scan# 354

Delta R.T. -0.01 min

Lab File: VW011536.D

Acq: 27 Jul 2019 00:00

Instrument :

MSVOA_W

ClientSampled :

TP-2-B

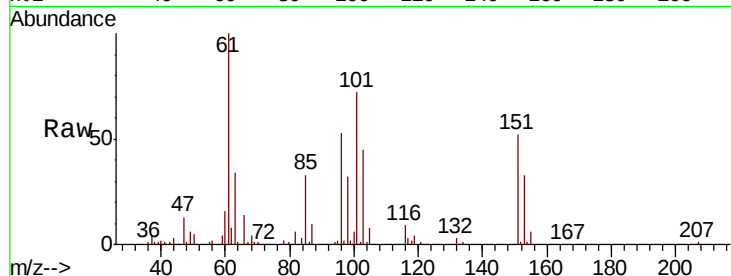
Tot Ion:101 Resp: 44554

Ion Ratio Lower Upper

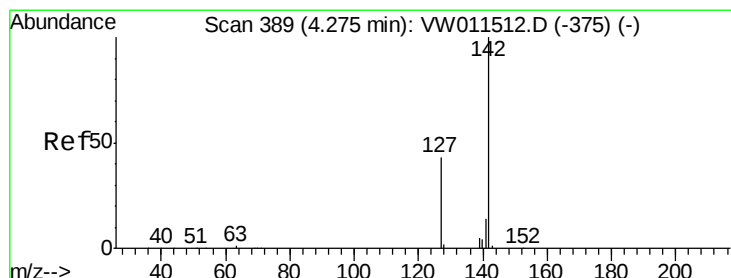
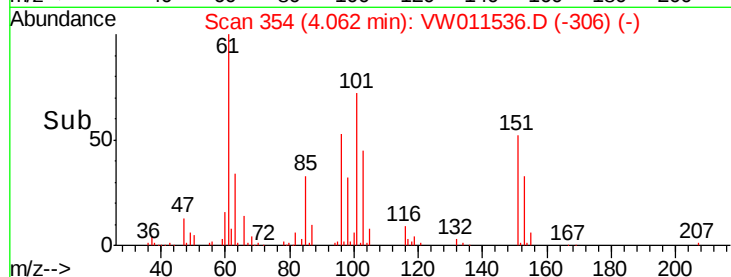
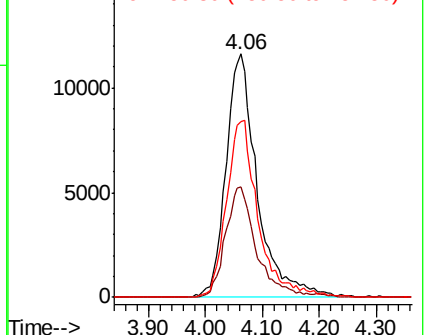
101 100

85 44.7 36.6 54.8

151 73.6 60.2 90.2



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: 21.121 ug/l

RT: 4.27 min Scan# 388

Delta R.T. -0.01 min

Lab File: VW011536.D

Acq: 27 Jul 2019 00:00

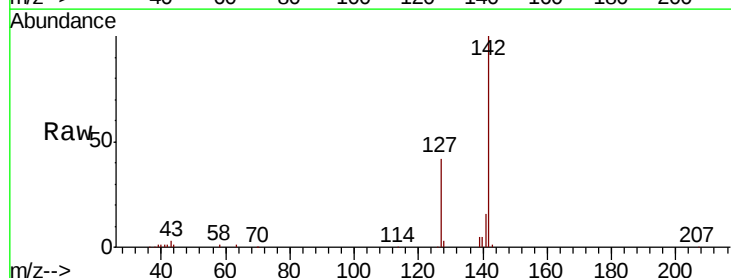
Tgt Ion:142 Resp: 66051

Ion Ratio Lower Upper

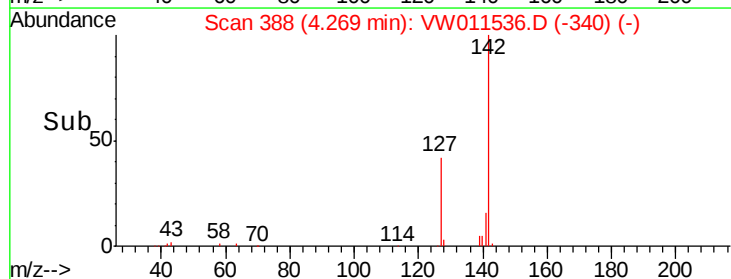
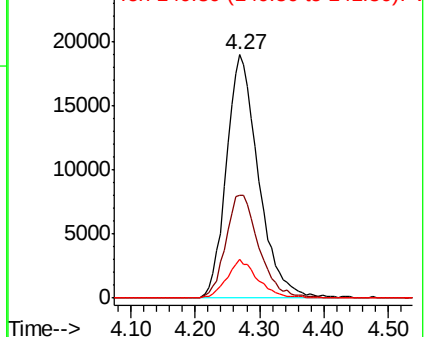
142 100

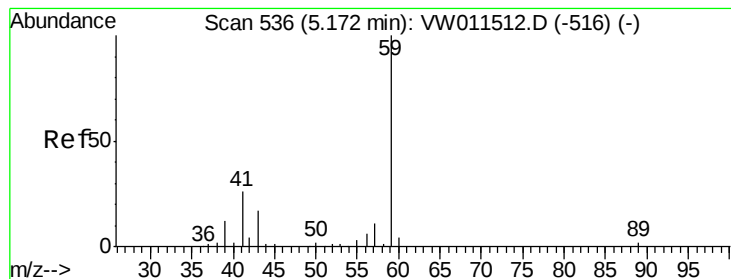
127 43.9 35.0 52.6

141 15.2 11.9 17.9



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



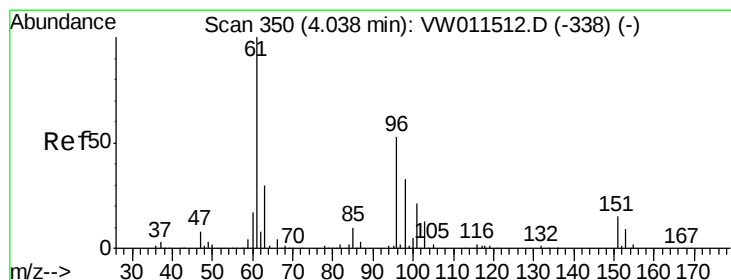
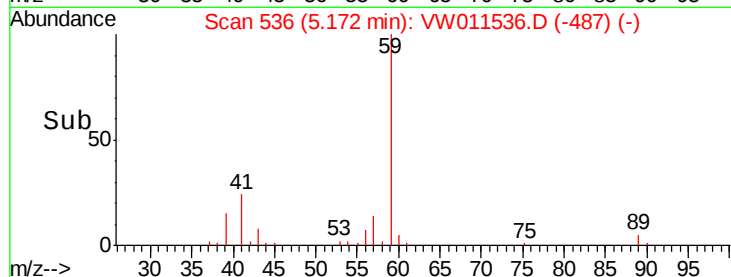
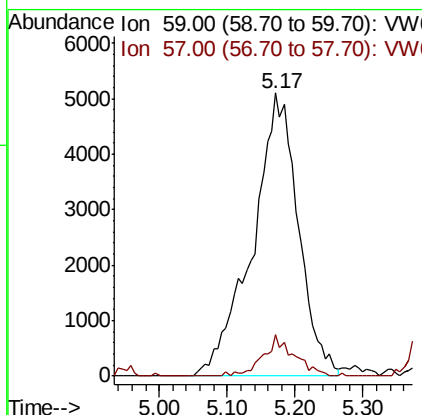
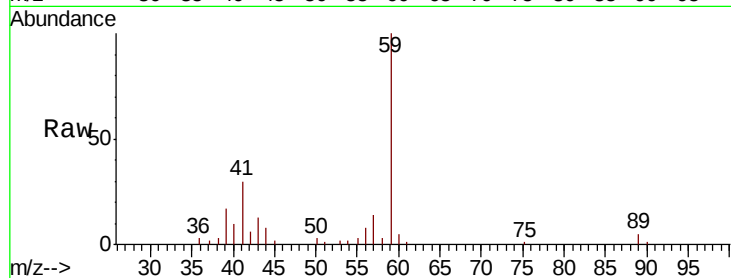


#11

Tert butyl alcohol
 Concen: 116.577 ug/l
 RT: 5.17 min Scan# 536
 Delta R.T. 0.00 min
 Lab File: VW011536.D
 Acq: 27 Jul 2019 00:00

Instrument :
 MSVOA_W
 ClientSampleId :
 TP-2-B

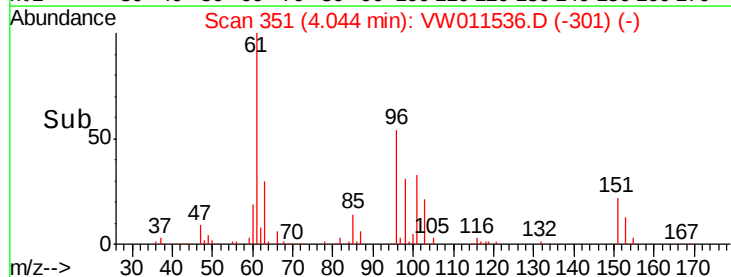
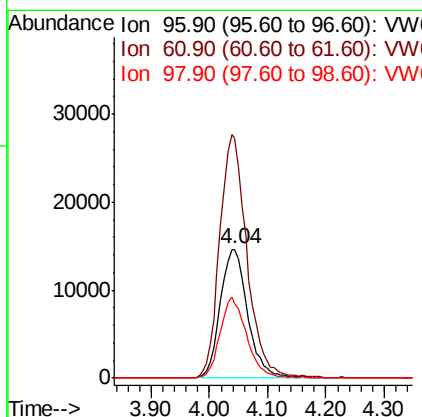
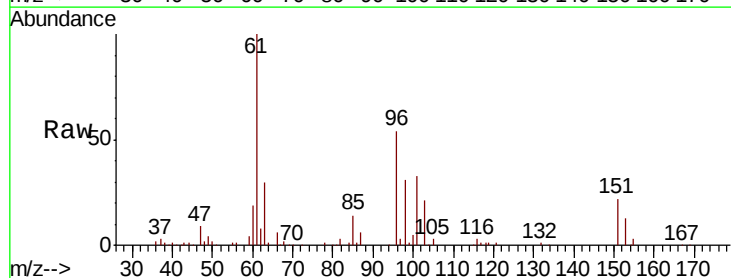
Tot Ion: 59 Resp: 23973
 Ion Ratio Lower Upper
 59 100
 57 9.7 8.5 12.7

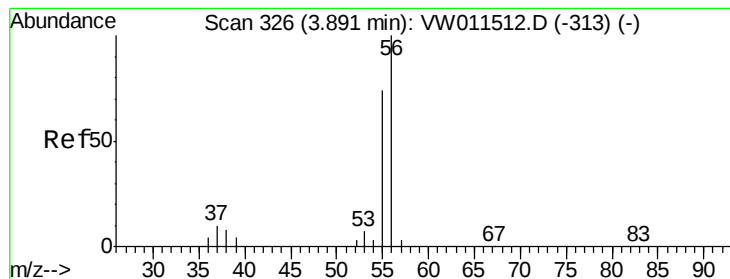


#12

1,1-Dichloroethene
 Concen: 20.529 ug/l
 RT: 4.04 min Scan# 351
 Delta R.T. 0.01 min
 Lab File: VW011536.D
 Acq: 27 Jul 2019 00:00

Tgt Ion: 96 Resp: 47967
 Ion Ratio Lower Upper
 96 100
 61 186.7 149.9 224.9
 98 58.0 49.1 73.7





#13

Acrolein

Concen: 94.186 ug/l

RT: 3.89 min Scan# 326

Delta R.T. -0.00 min

Lab File: VW011536.D

Acq: 27 Jul 2019 00:00

Instrument :

MSVOA_W

ClientSampleId :

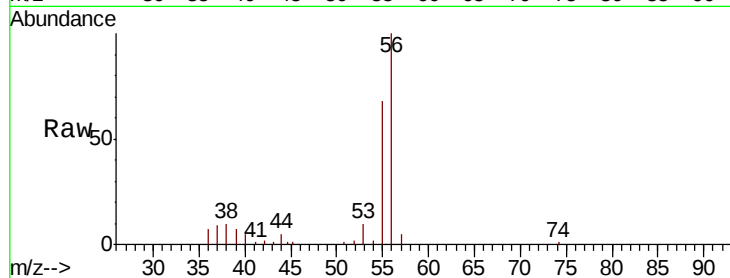
TP-2-B

Tot Ion: 56 Resp: 17410

Ion Ratio Lower Upper

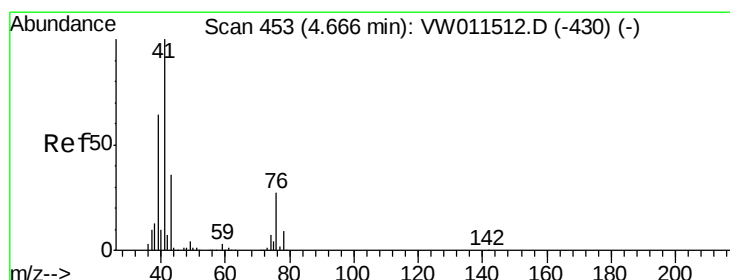
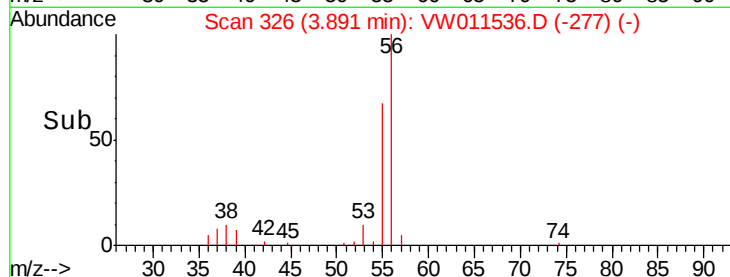
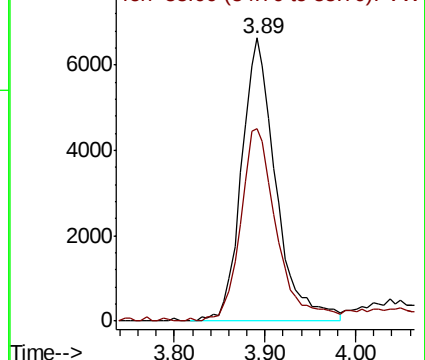
56 100

55 71.3 56.0 84.0



Abundance Ion 56.00 (55.70 to 56.70): VW

Ion 55.00 (54.70 to 55.70): VW



#14

Allyl chloride

Concen: 19.834 ug/l

RT: 4.67 min Scan# 453

Delta R.T. -0.00 min

Lab File: VW011536.D

Acq: 27 Jul 2019 00:00

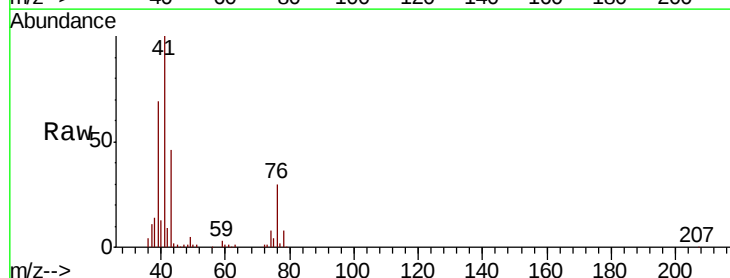
Tgt Ion: 41 Resp: 98567

Ion Ratio Lower Upper

41 100

39 67.3 52.6 78.8

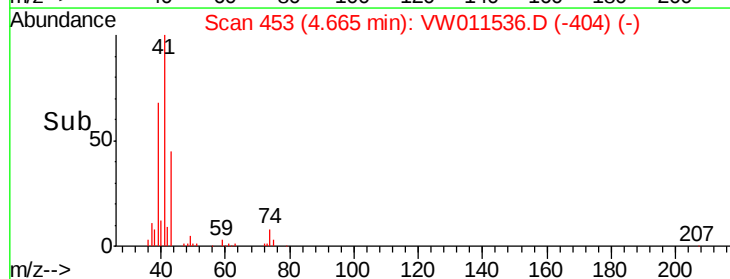
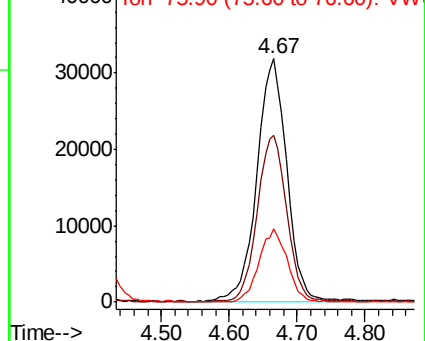
76 28.1 22.0 33.0

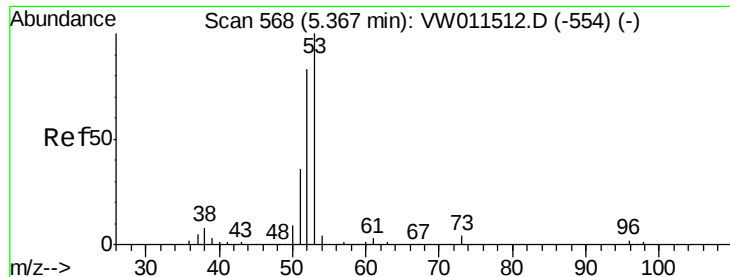


Abundance Ion 41.00 (40.70 to 41.70): VW

Ion 39.00 (38.70 to 39.70): VW

Ion 75.90 (75.60 to 76.60): VW





#15

Acrylonitrile

Concen: 107.917 ug/l

RT: 5.37 min Scan# 568

Delta R.T. -0.00 min

Lab File: VW011536.D

Acq: 27 Jul 2019 00:00

Instrument :

MSVOA_W

ClientSampleId :

TP-2-B

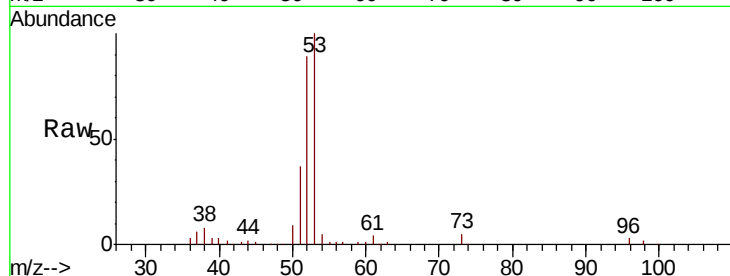
Tot Ion: 53 Resp: 71253

Ion Ratio Lower Upper

53 100

52 84.7 67.2 100.8

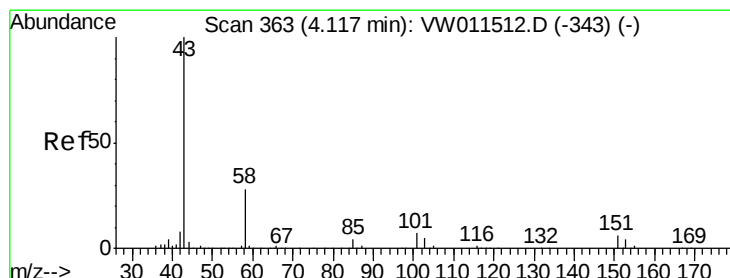
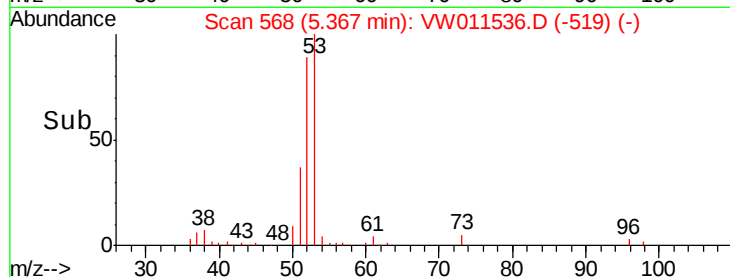
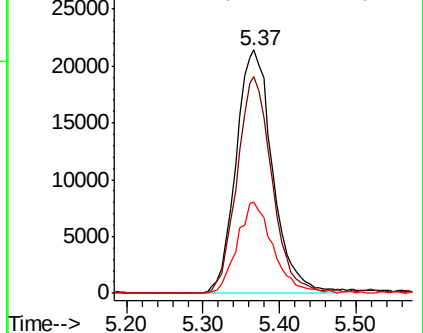
51 37.0 30.0 45.0



Abundance Ion 53.00 (52.70 to 53.70): VW

Ion 52.00 (51.70 to 52.70): VW

Ion 51.00 (50.70 to 51.70): VW



#16

Acetone

Concen: 81.402 ug/l

RT: 4.12 min Scan# 364

Delta R.T. 0.01 min

Lab File: VW011536.D

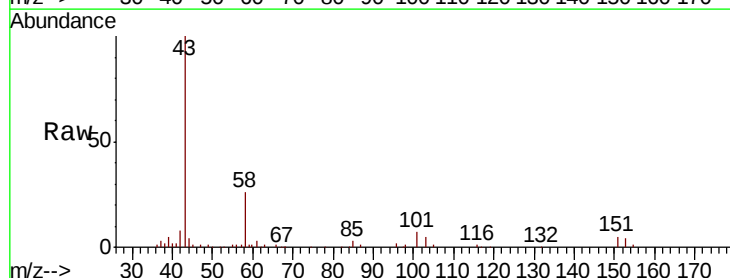
Acq: 27 Jul 2019 00:00

Tgt Ion: 43 Resp: 66707

Ion Ratio Lower Upper

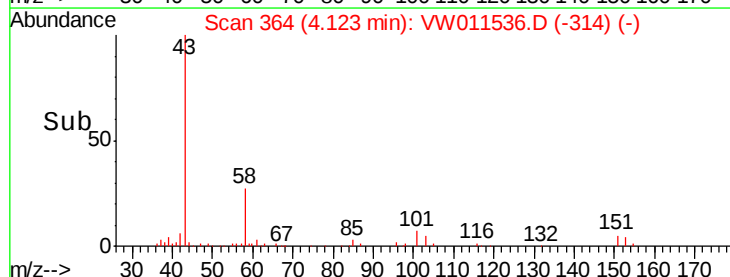
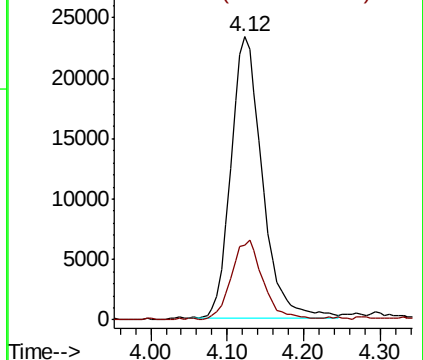
43 100

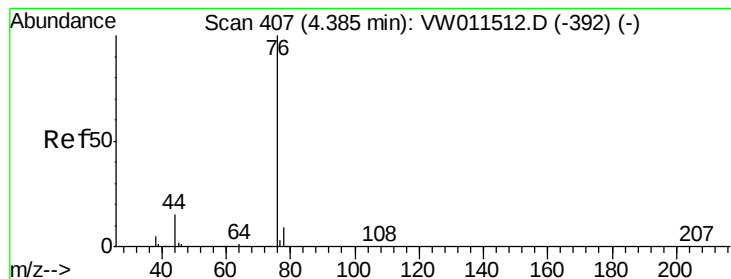
58 25.9 22.3 33.5



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW





#17

Carbon Disulfide

Concen: 19.821 ug/l

RT: 4.38 min Scan# 406

Delta R.T. -0.01 min

Lab File: VW011536.D

Acq: 27 Jul 2019 00:00

Instrument :

MSVOA_W

ClientSampleId :

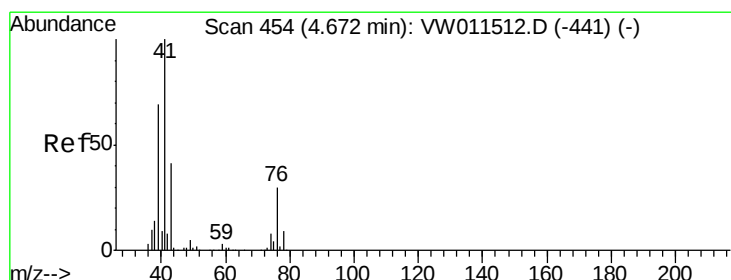
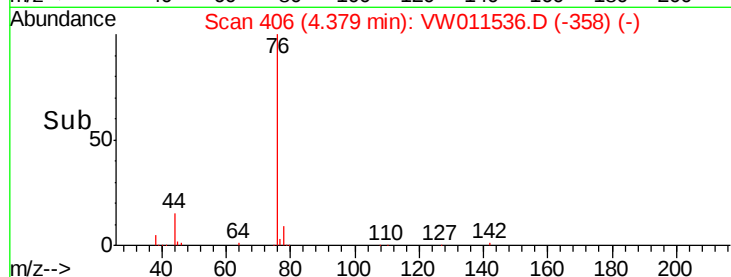
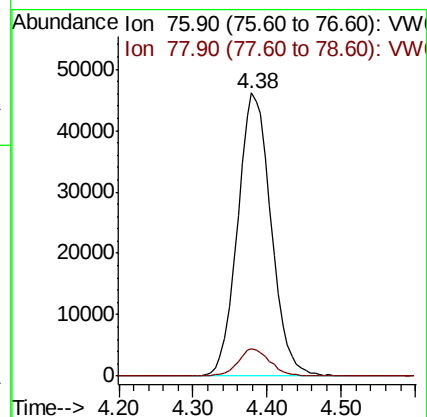
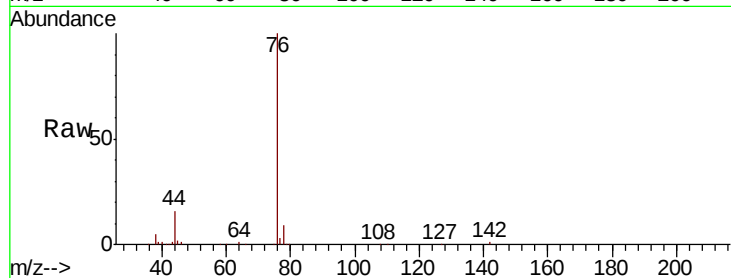
TP-2-B

Tot Ion: 76 Resp: 144947

Ion Ratio Lower Upper

76 100

78 9.5 7.1 10.7



#18

Methyl Acetate

Concen: 23.705 ug/l

RT: 4.67 min Scan# 453

Delta R.T. -0.01 min

Lab File: VW011536.D

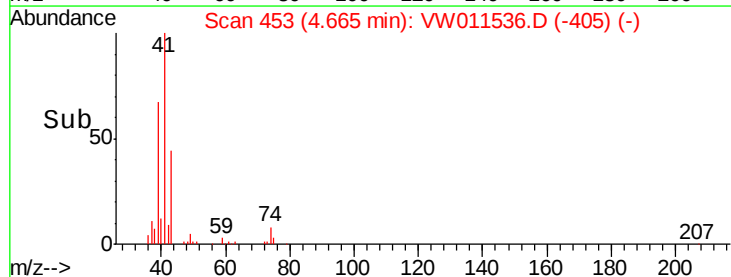
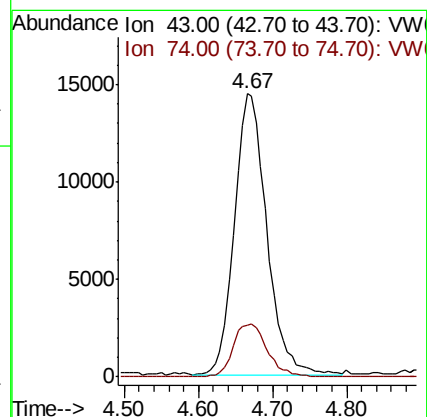
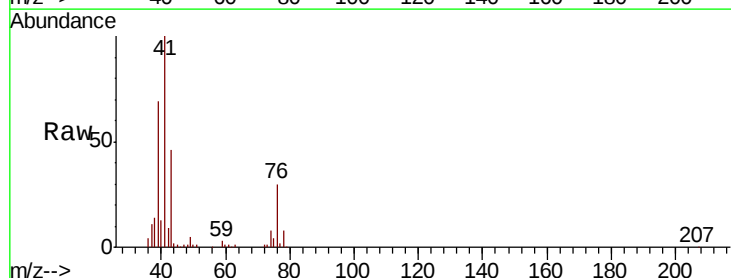
Acq: 27 Jul 2019 00:00

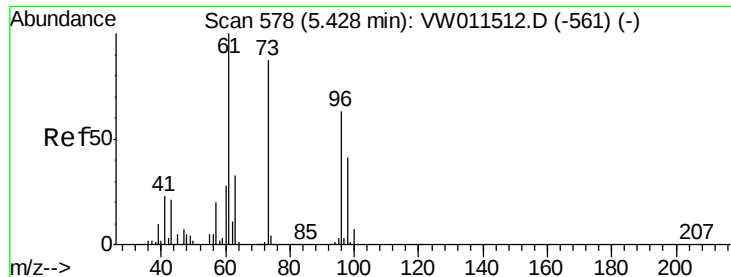
Tgt Ion: 43 Resp: 43639

Ion Ratio Lower Upper

43 100

74 19.9 15.9 23.9

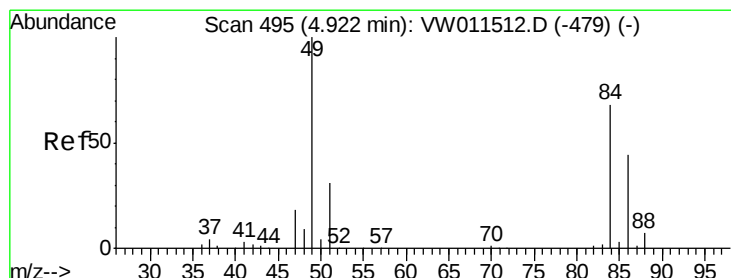
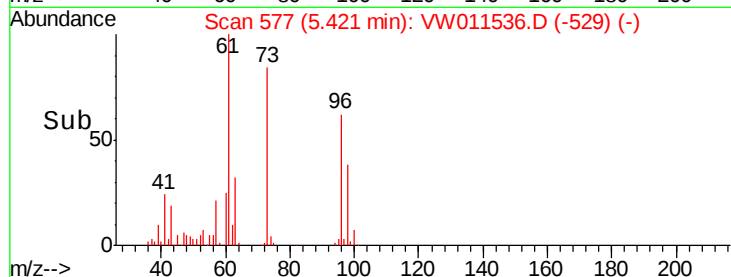
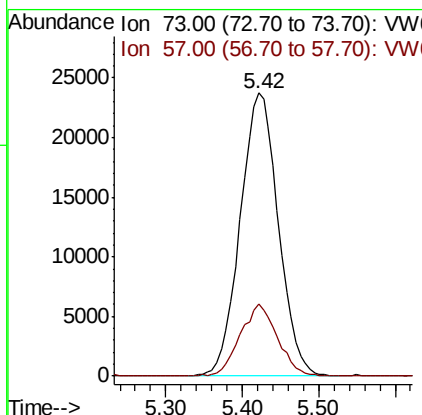
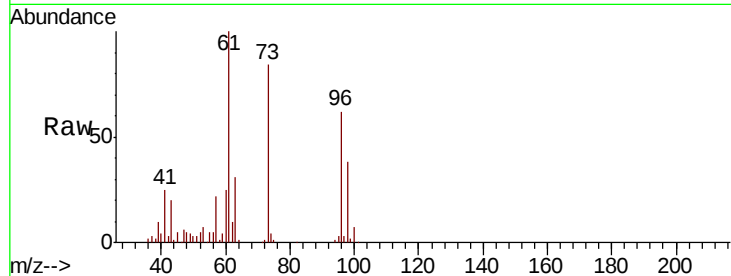




#19
Methyl tert-butyl Ether
Concen: 22.163 ug/l
RT: 5.42 min Scan# 577
Delta R.T. -0.01 min
Lab File: VW011536.D
Acq: 27 Jul 2019 00:00

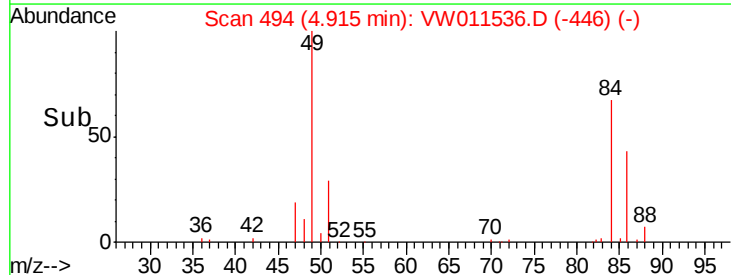
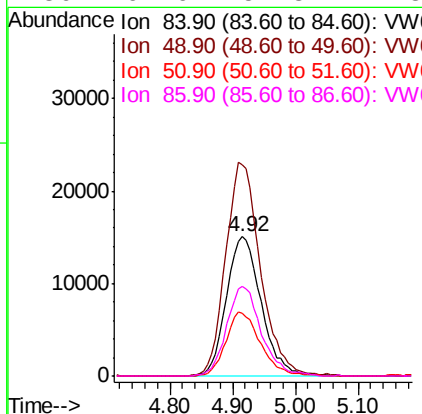
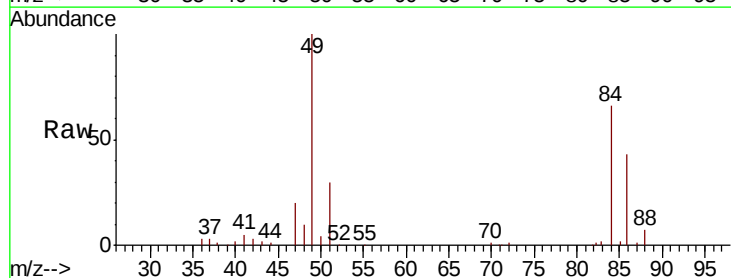
Instrument :
MSVOA_W
ClientSampled :
TP-2-B

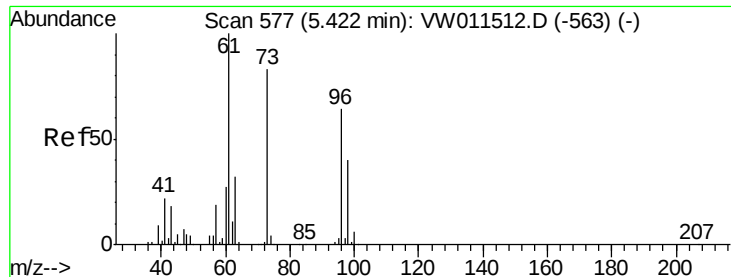
Tot Ion: 73 Resp: 82176
Ion Ratio Lower Upper
73 100
57 25.7 18.4 27.6



#20
Methylene Chloride
Concen: 20.592 ug/l
RT: 4.92 min Scan# 494
Delta R.T. -0.01 min
Lab File: VW011536.D
Acq: 27 Jul 2019 00:00

Tgt Ion: 84 Resp: 58198
Ion Ratio Lower Upper
84 100
49 151.5 117.8 176.6
51 45.0 37.0 55.4
86 64.6 51.8 77.8





#21

trans-1,2-Dichloroethene

Concen: 20.588 ug/l

RT: 5.42 min Scan# 577

Delta R.T. -0.00 min

Lab File: VW011536.D

Acq: 27 Jul 2019 00:00

Instrument :

MSVOA_W

ClientSampled :

TP-2-B

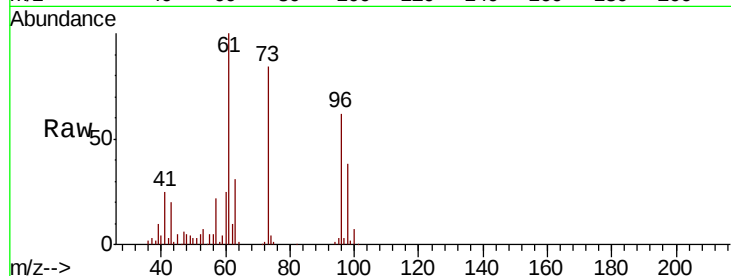
Tot Ion: 96 Resp: 51861

Ion Ratio Lower Upper

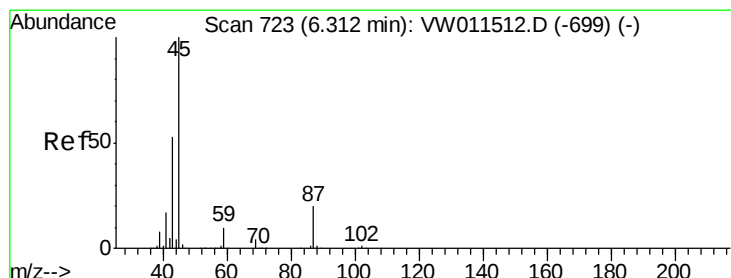
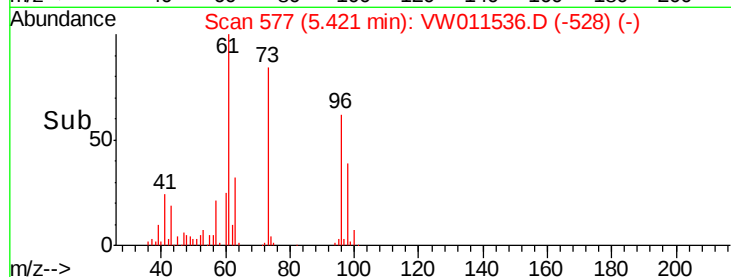
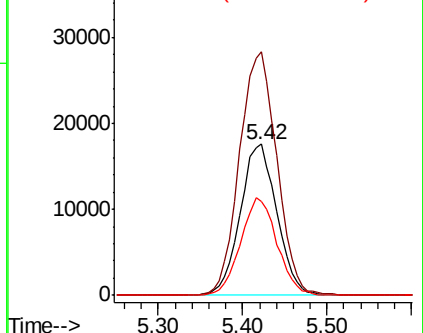
96 100

61 160.9 125.7 188.5

98 61.8 50.3 75.5



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: 21.937 ug/l

RT: 6.31 min Scan# 722

Delta R.T. -0.01 min

Lab File: VW011536.D

Acq: 27 Jul 2019 00:00

Tgt Ion: 45 Resp: 205533

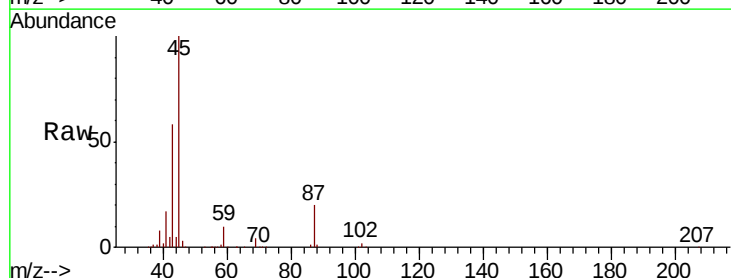
Ion Ratio Lower Upper

45 100

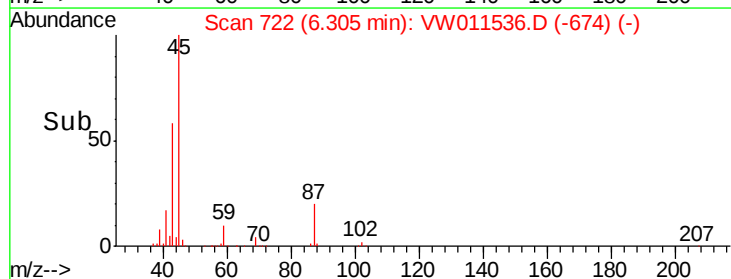
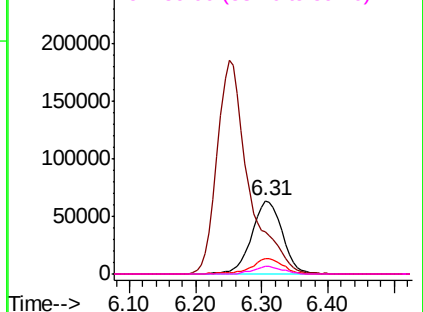
43 57.8 42.6 63.8

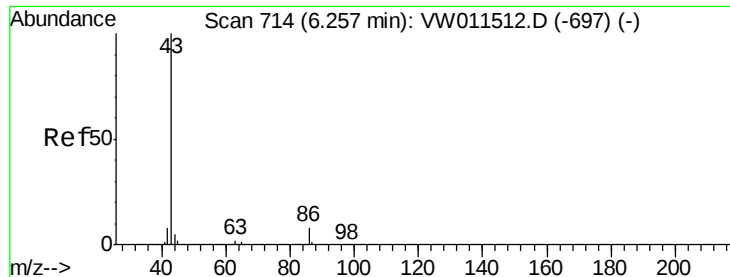
87 20.1 16.4 24.6

59 10.0 8.2 12.2



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: 104.146 ug/l

RT: 6.25 min Scan# 713

Delta R.T. -0.01 min

Lab File: VW011536.D

Acq: 27 Jul 2019 00:00

Instrument :

MSVOA_W

ClientSampled :

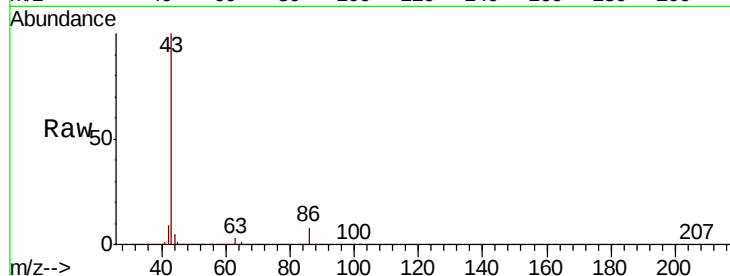
TP-2-B

Tot Ion: 43 Resp: 613137

Ion Ratio Lower Upper

43 100

86 8.5 6.5 9.7



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 86.00 (85.70 to 86.70): VW

6.25

200000

150000

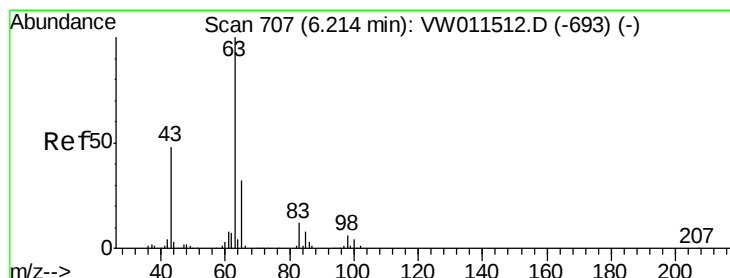
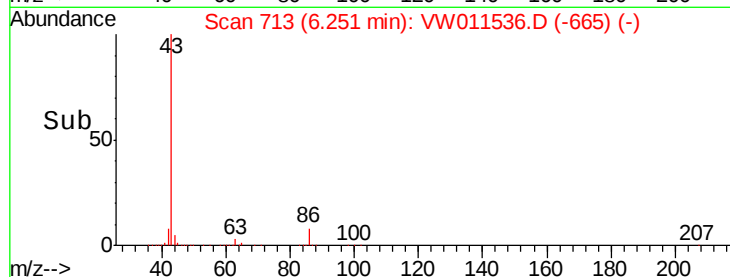
100000

50000

0

6.20 6.40

Time-->



#24

1,1-Dichloroethane

Concen: 21.127 ug/l

RT: 6.21 min Scan# 707

Delta R.T. -0.00 min

Lab File: VW011536.D

Acq: 27 Jul 2019 00:00

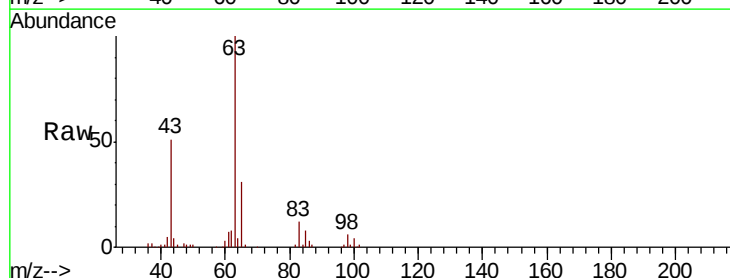
Tgt Ion: 63 Resp: 106016

Ion Ratio Lower Upper

63 100

98 5.8 2.9 8.8

100 3.8 2.1 6.3



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

6.21

40000

30000

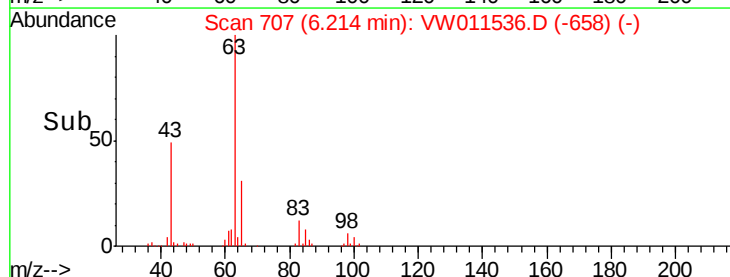
20000

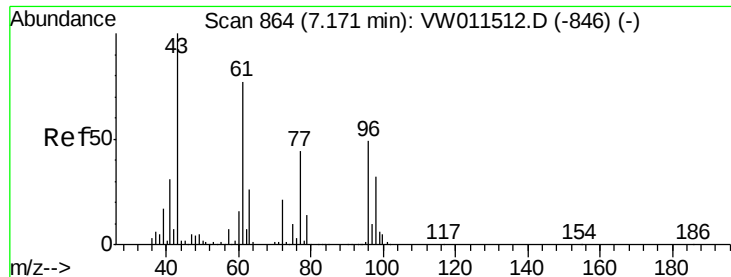
10000

0

6.10 6.20 6.30

Time-->





#25

2-Butanone

Concen: 101.207 ug/l

RT: 7.17 min Scan# 863

Delta R.T. -0.01 min

Lab File: VW011536.D

Acq: 27 Jul 2019 00:00

Instrument :

MSVOA_W

ClientSampled :

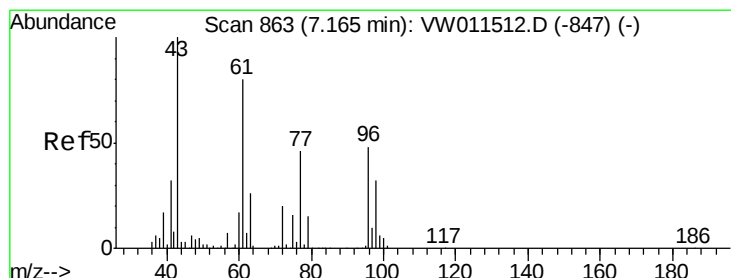
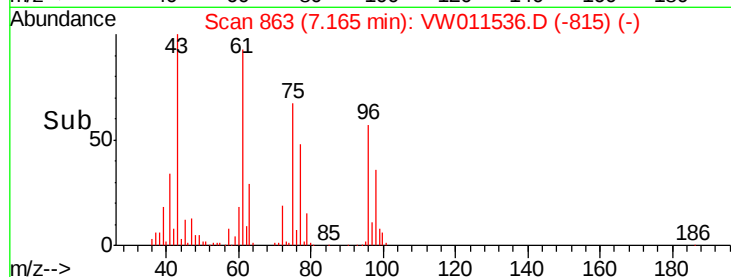
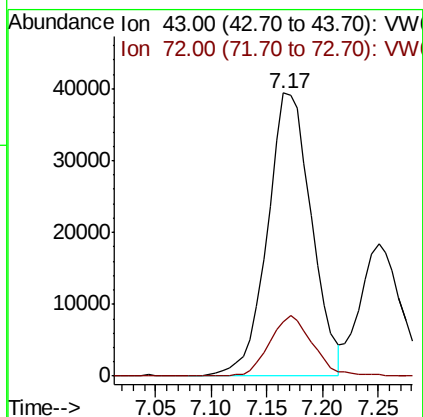
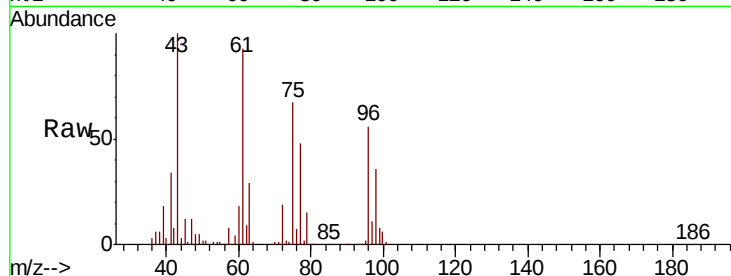
TP-2-B

Tot Ion: 43 Resp: 108524

Ion Ratio Lower Upper

43 100

72 19.2 16.6 24.8



#26

2,2-Dichloropropane

Concen: 19.256 ug/l

RT: 7.16 min Scan# 862

Delta R.T. -0.01 min

Lab File: VW011536.D

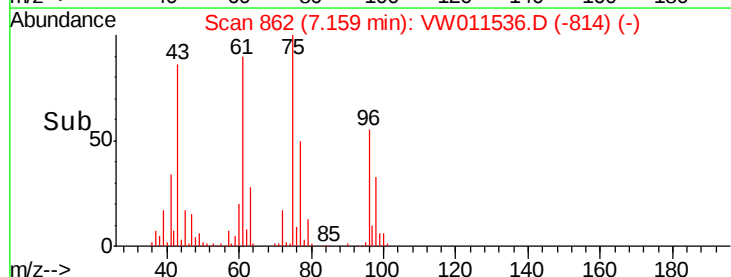
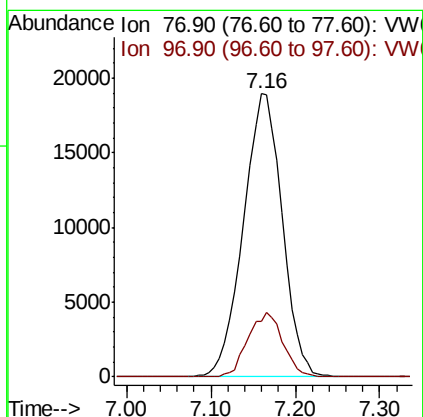
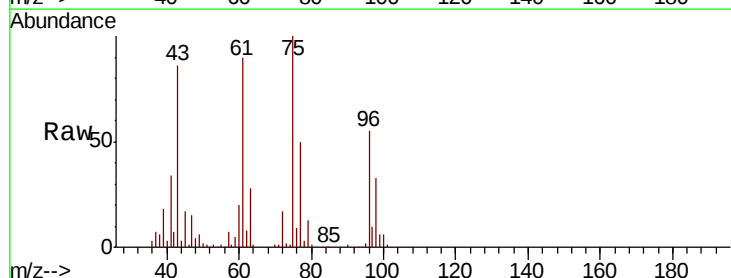
Acq: 27 Jul 2019 00:00

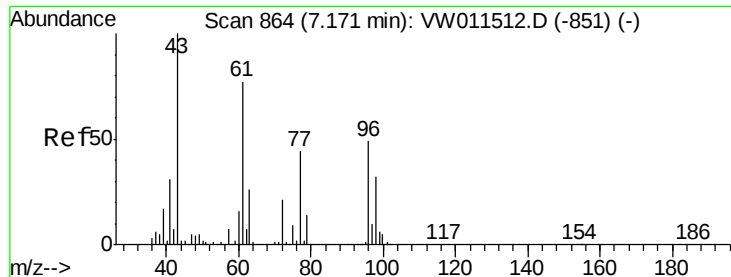
Tgt Ion: 77 Resp: 59423

Ion Ratio Lower Upper

77 100

97 20.5 10.8 32.4



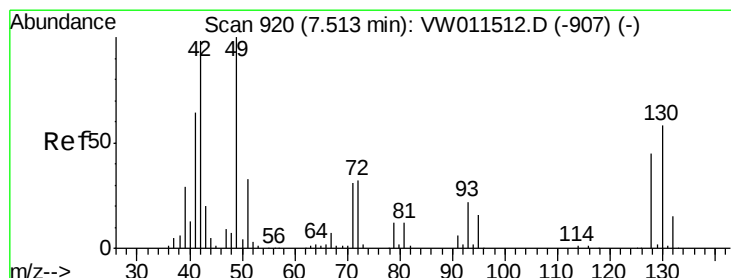
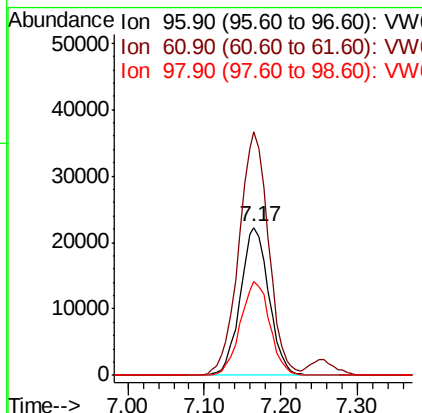
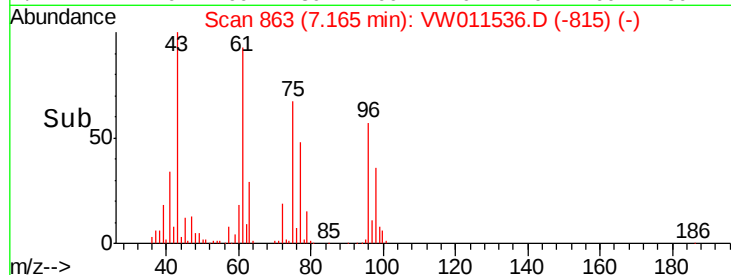
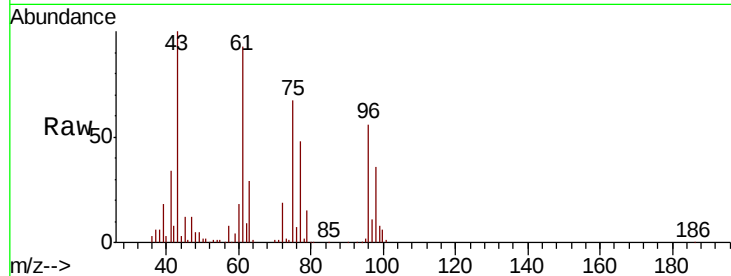


#27

cis-1,2-Dichloroethene
Concen: 20.717 ug/l
RT: 7.17 min Scan# 863
Delta R.T. -0.01 min
Lab File: VW011536.D
Acq: 27 Jul 2019 00:00

Instrument :
MSVOA_W
ClientSampleId :
TP-2-B

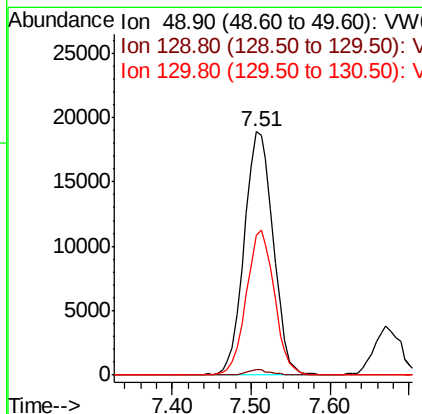
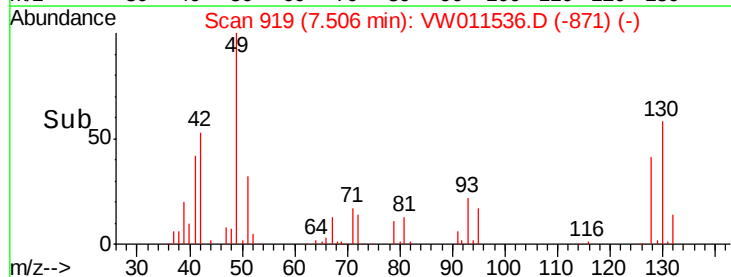
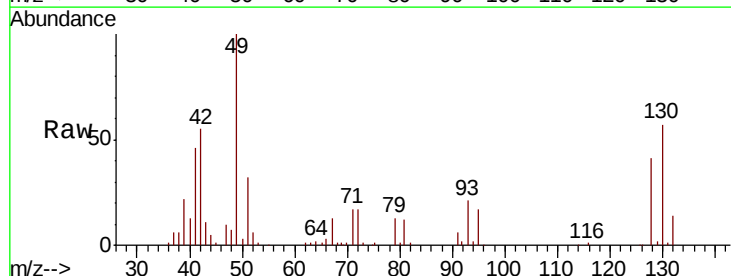
Tot Ion: 96 Resp: 57435
Ion Ratio Lower Upper
96 100
61 171.5 0.0 328.4
98 65.0 0.0 128.8

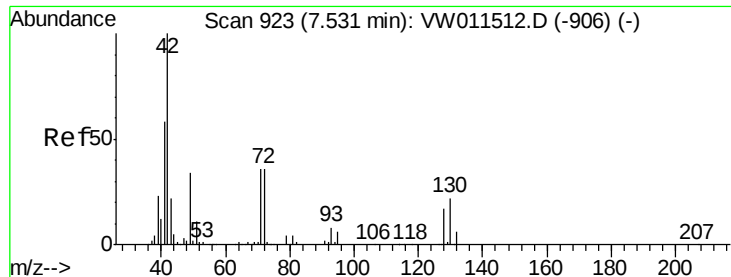


#28

Bromochloromethane
Concen: 21.746 ug/l
RT: 7.51 min Scan# 919
Delta R.T. -0.01 min
Lab File: VW011536.D
Acq: 27 Jul 2019 00:00

Tgt Ion: 49 Resp: 48434
Ion Ratio Lower Upper
49 100
129 1.7 0.0 1.0#
130 57.2 46.3 69.5

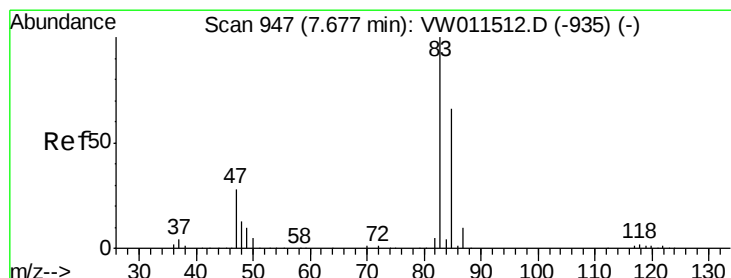
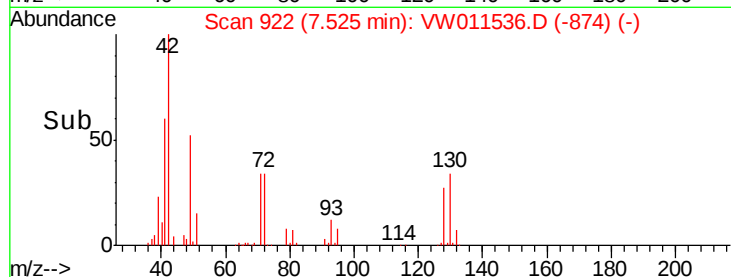
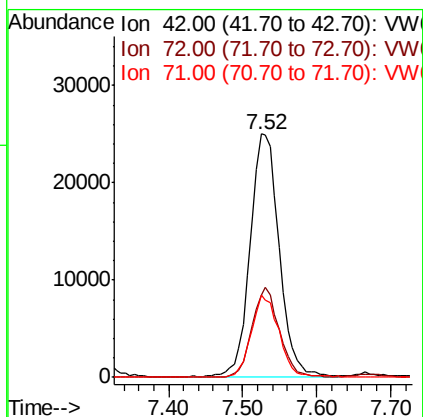
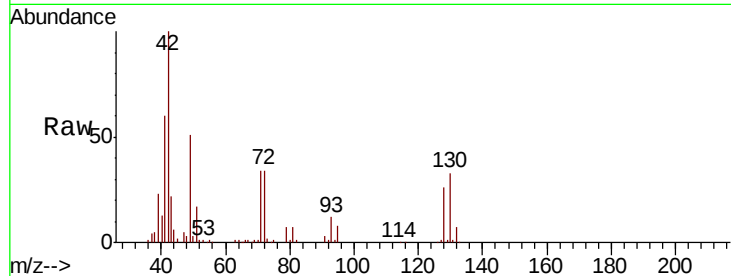




#29
Tetrahydrofuran
Concen: 111.434 ug/l
RT: 7.52 min Scan# 922
Delta R.T. -0.01 min
Lab File: VW011536.D
Acq: 27 Jul 2019 00:00

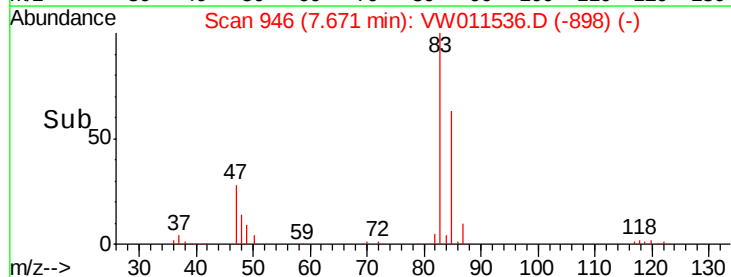
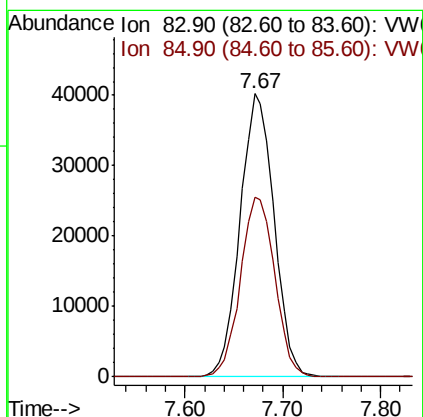
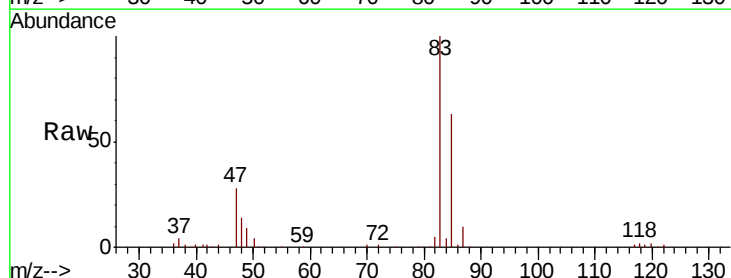
Instrument :
MSVOA_W
ClientSampled :
TP-2-B

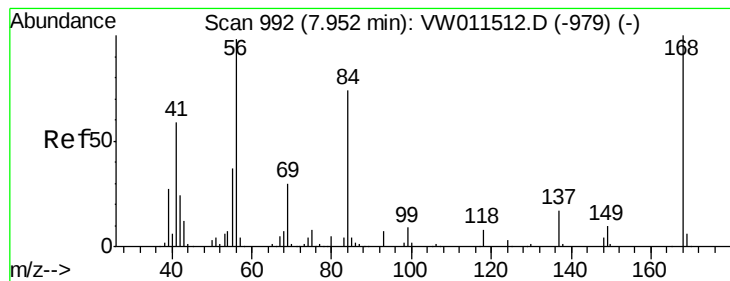
Tot Ion: 42 Resp: 68302
Ion Ratio Lower Upper
42 100
72 34.8 27.1 40.7
71 32.5 26.2 39.4



#30
Chloroform
Concen: 20.993 ug/l
RT: 7.67 min Scan# 946
Delta R.T. -0.01 min
Lab File: VW011536.D
Acq: 27 Jul 2019 00:00

Tgt Ion: 83 Resp: 97183
Ion Ratio Lower Upper
83 100
85 63.4 52.5 78.7

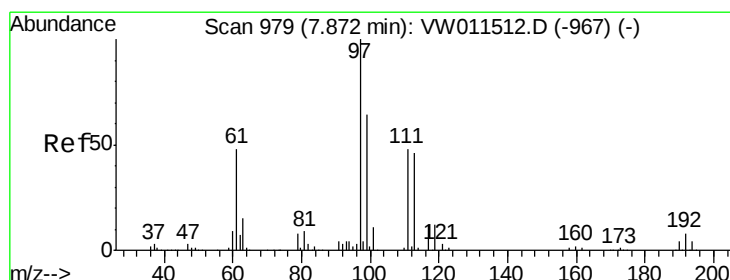
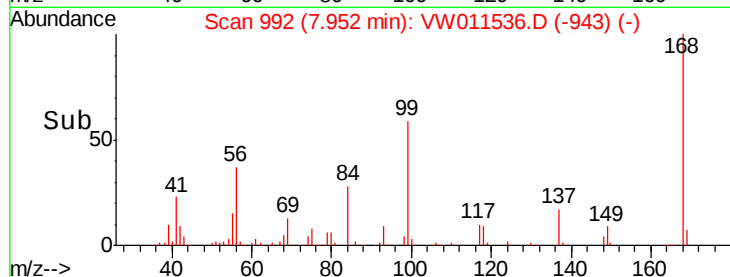
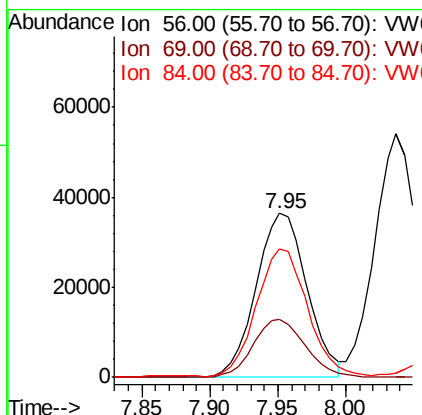
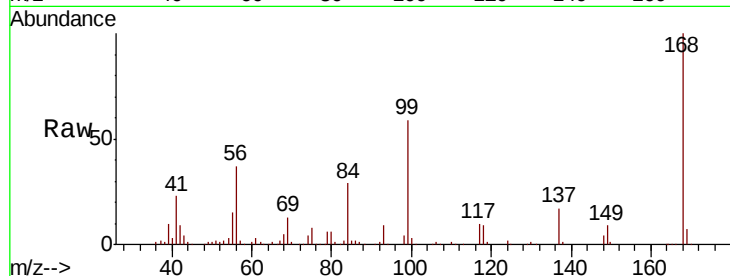




#31
Cyclohexane
Concen: 19.802 ug/l
RT: 7.95 min Scan# 992
Delta R.T. -0.00 min
Lab File: VW011536.D
Acq: 27 Jul 2019 00:00

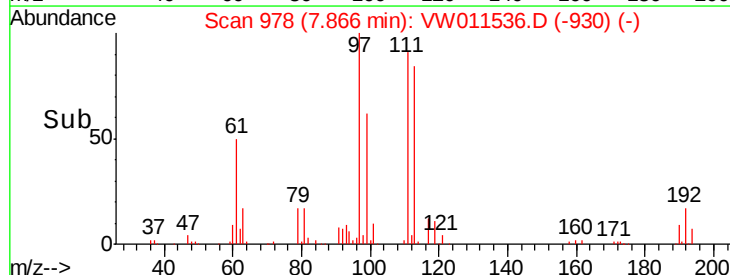
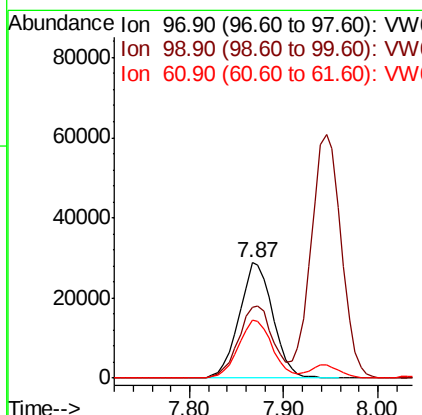
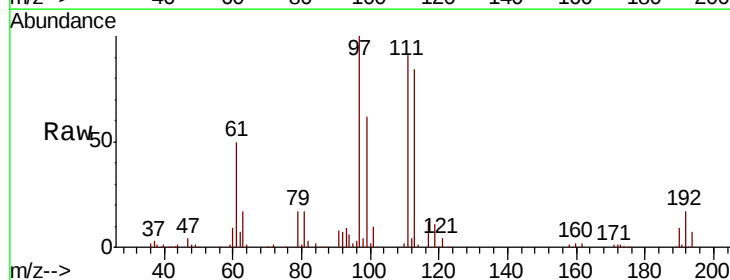
Instrument :
MSVOA_W
ClientSampled :
TP-2-B

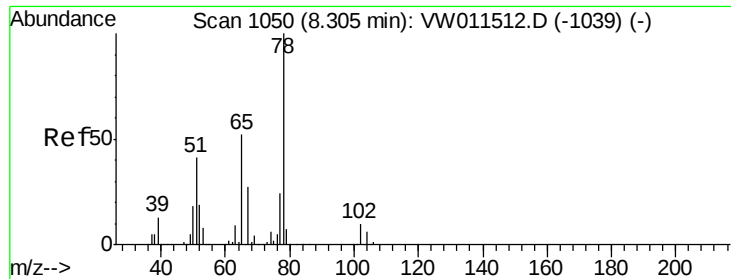
Tot Ion: 56 Resp: 95380
Ion Ratio Lower Upper
56 100
69 35.6 24.3 36.5
84 76.8 60.4 90.6



#32
1,1,1-Trichloroethane
Concen: 20.423 ug/l
RT: 7.87 min Scan# 978
Delta R.T. -0.01 min
Lab File: VW011536.D
Acq: 27 Jul 2019 00:00

Tgt Ion: 97 Resp: 72004
Ion Ratio Lower Upper
97 100
99 63.5 51.0 76.6
61 50.9 39.8 59.6

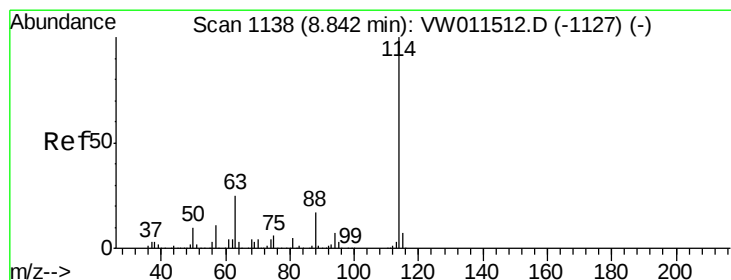
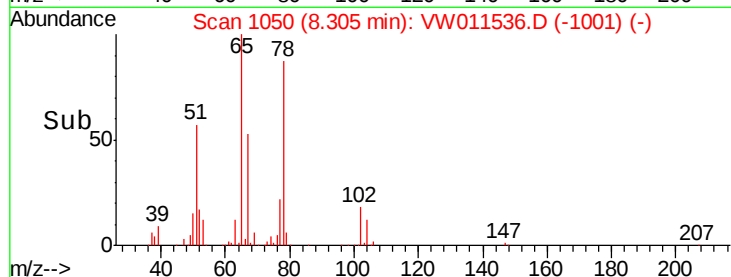
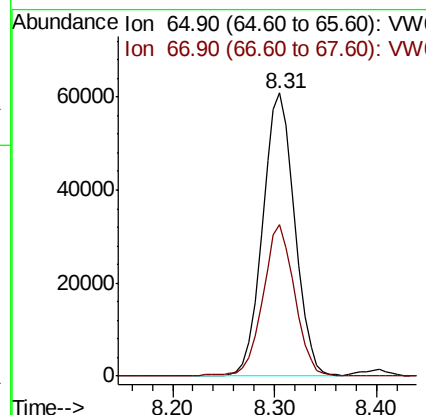
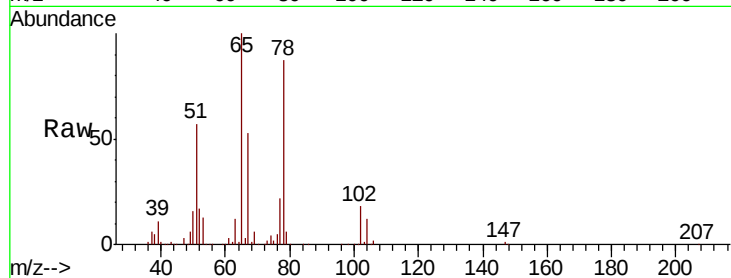




#33
 1,2-Dichloroethane-d4
 Concen: 51.418 ug/l
 RT: 8.31 min Scan# 1050
 Delta R.T. -0.00 min
 Lab File: VW011536.D
 Acq: 27 Jul 2019 00:00

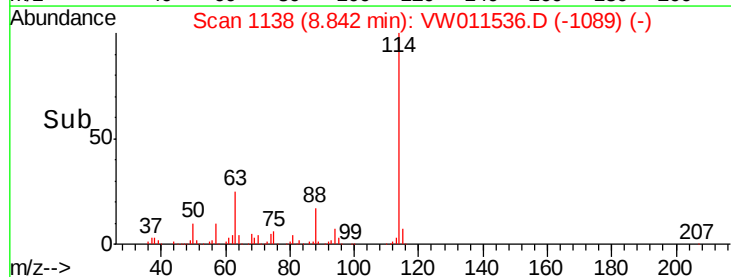
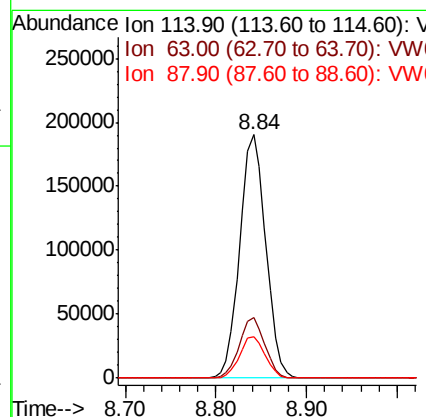
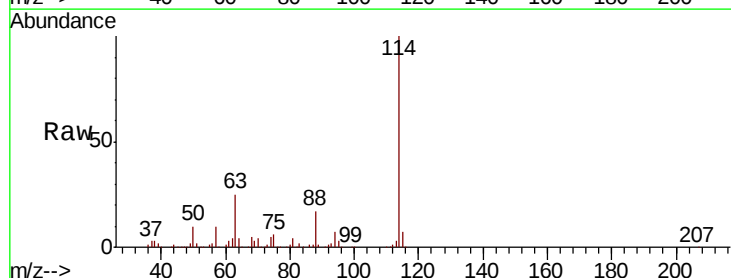
Instrument :
 MSVOA_W
 ClientSampleId :
 TP-2-B

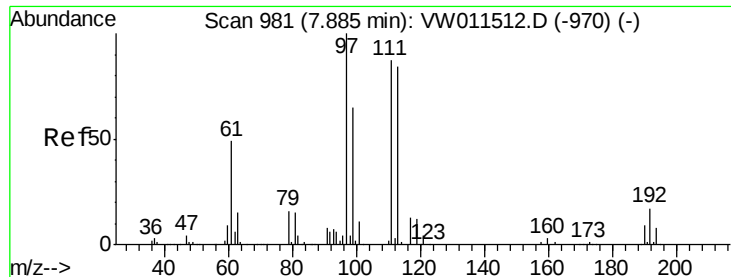
Tot Ion: 65 Resp: 132461
 Ion Ratio Lower Upper
 65 100
 67 53.2 0.0 105.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VW011536.D
 Acq: 27 Jul 2019 00:00

Tgt Ion: 114 Resp: 378903
 Ion Ratio Lower Upper
 114 100
 63 24.7 0.0 49.2
 88 17.0 0.0 33.8

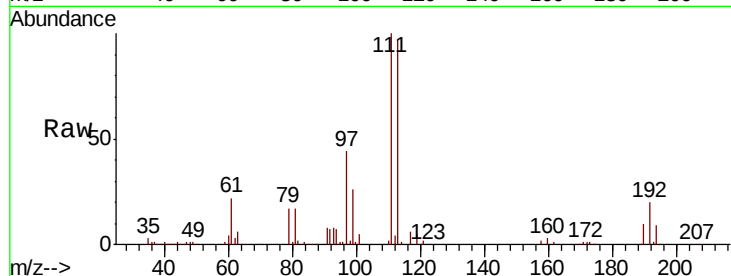




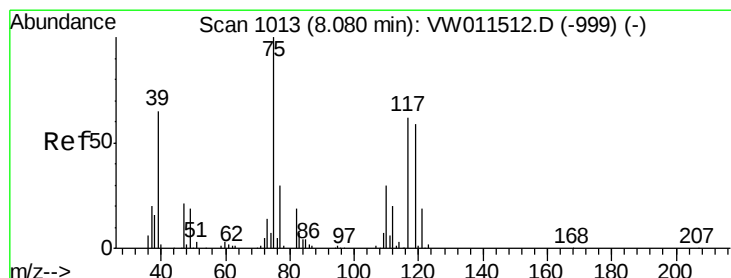
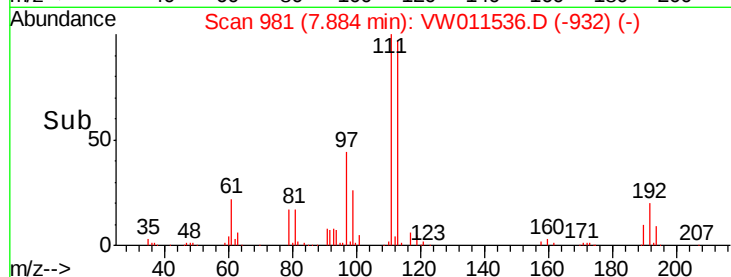
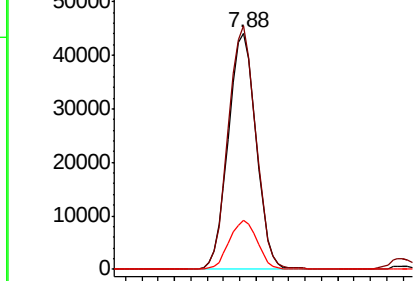
#35
 Dibromofluoromethane
 Concen: 48.879 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. -0.00 min
 Lab File: VW011536.D
 Acq: 27 Jul 2019 00:00

Instrument :
 MSVOA_W
 ClientSampleId :
 TP-2-B

Tot Ion:113 Resp: 103903
 Ion Ratio Lower Upper
 113 100
 111 102.4 82.7 124.1
 192 20.9 16.1 24.1

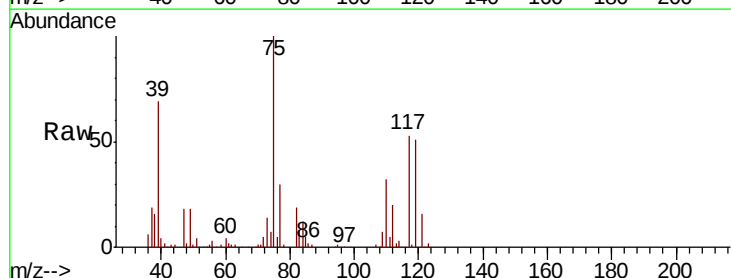


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

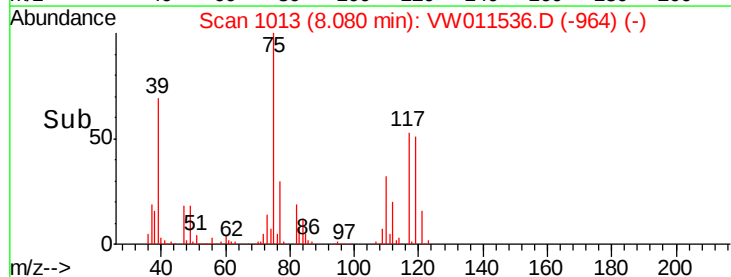
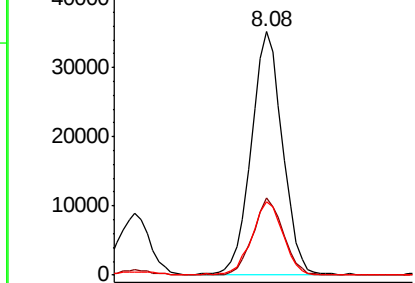


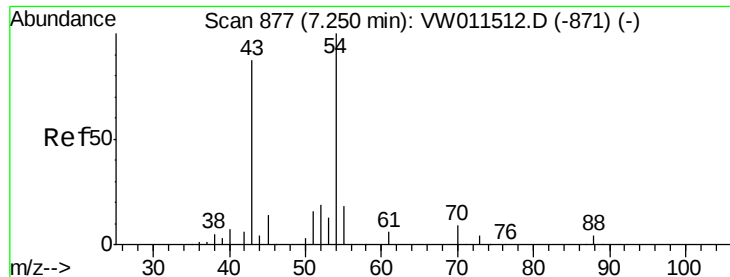
#36
 1,1-Dichloropropene
 Concen: 19.704 ug/l
 RT: 8.08 min Scan# 1013
 Delta R.T. -0.00 min
 Lab File: VW011536.D
 Acq: 27 Jul 2019 00:00

Tgt Ion: 75 Resp: 77630
 Ion Ratio Lower Upper
 75 100
 110 30.8 15.6 46.8
 77 30.5 24.3 36.5



Abundance Ion 74.90 (74.60 to 75.60): VW
 Ion 109.90 (109.60 to 110.60): V
 Ion 76.90 (76.60 to 77.60): VW

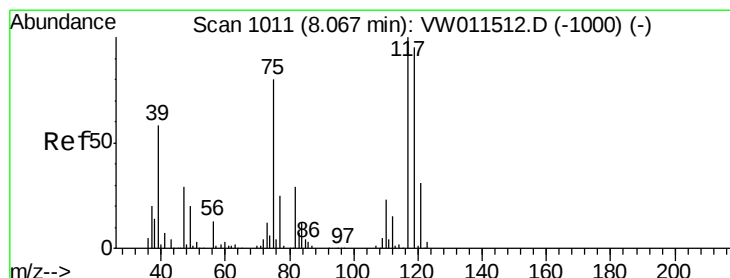
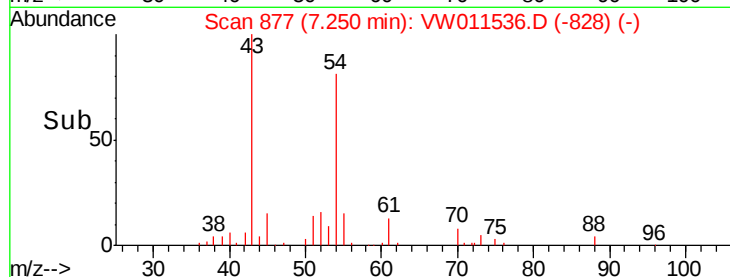
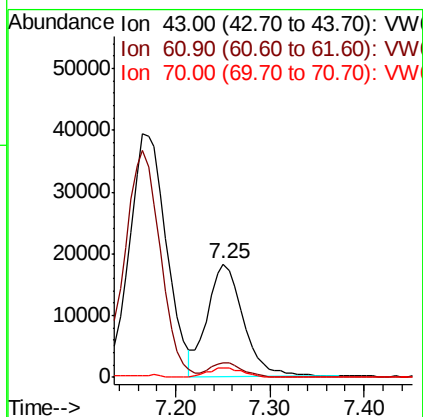
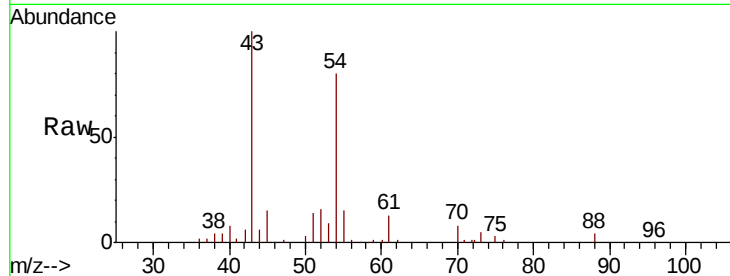




#37
Ethyl Acetate
Concen: 21.414 ug/l
RT: 7.25 min Scan# 877
Delta R.T. -0.00 min
Lab File: VW011536.D
Acq: 27 Jul 2019 00:00

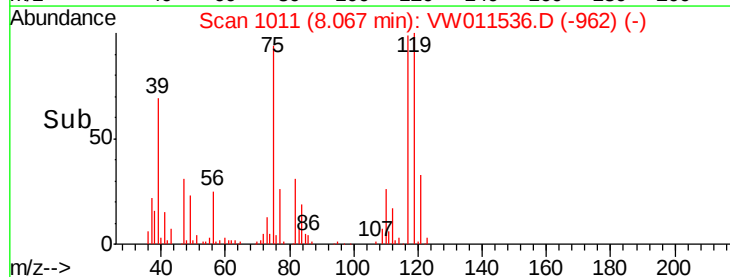
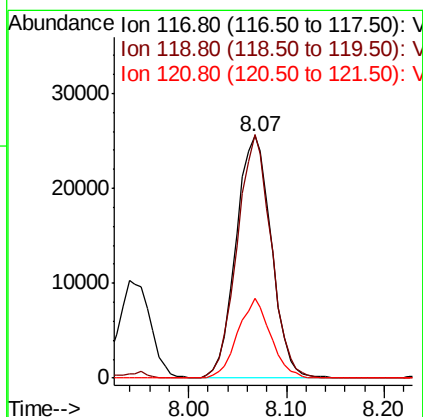
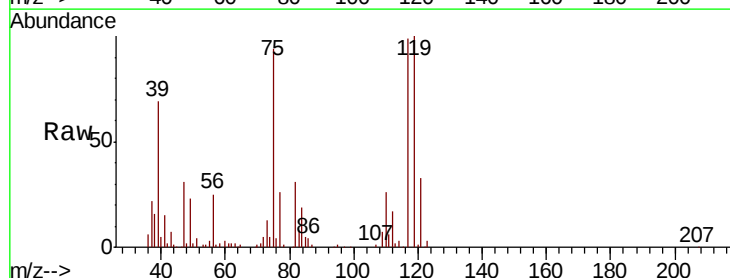
Instrument :
MSVOA_W
ClientSampleId :
TP-2-B

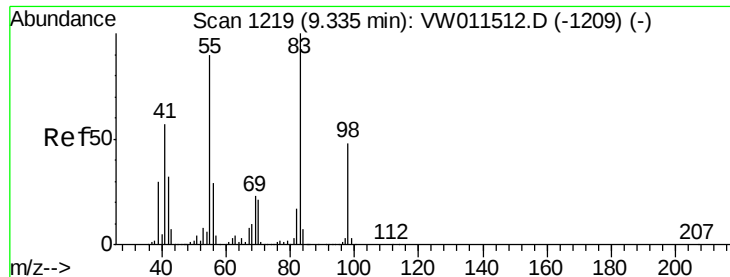
Tot Ion: 43 Resp: 48539
Ion Ratio Lower Upper
43 100
61 11.3 8.8 13.2
70 7.6 7.1 10.7



#38
Carbon Tetrachloride
Concen: 18.959 ug/l
RT: 8.07 min Scan# 1011
Delta R.T. -0.00 min
Lab File: VW011536.D
Acq: 27 Jul 2019 00:00

Tgt Ion: 117 Resp: 63944
Ion Ratio Lower Upper
117 100
119 100.7 75.8 113.6
121 32.8 24.7 37.1

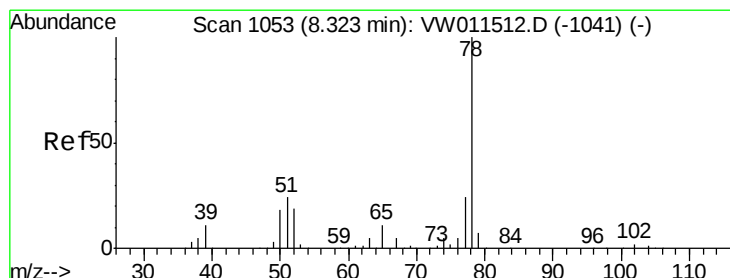
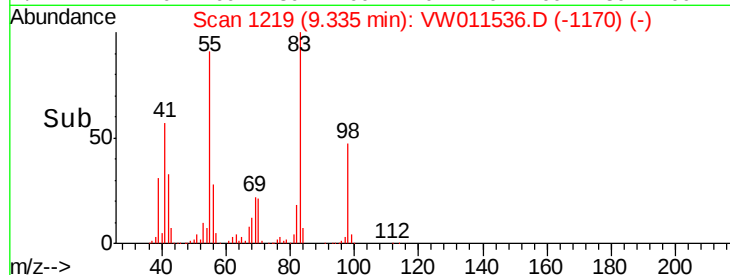
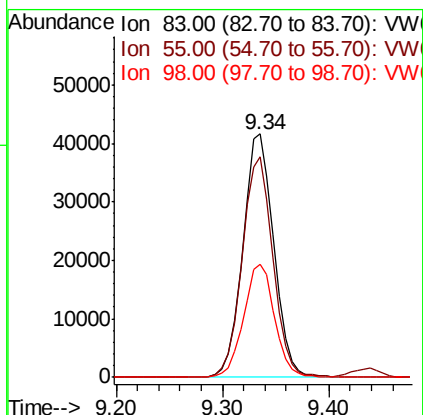
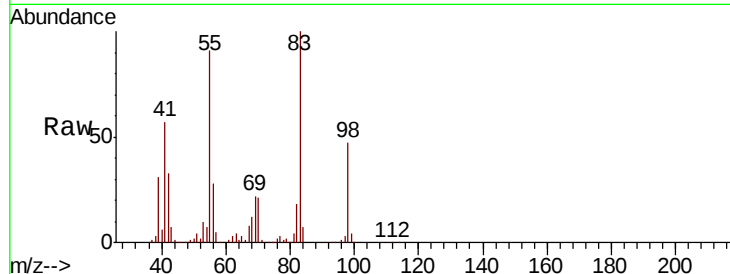




#39
Methvlcvclohexane
Concen: 19.568 ug/l
RT: 9.34 min Scan# 1219
Delta R.T. -0.00 min
Lab File: VW011536.D
Acq: 27 Jul 2019 00:00

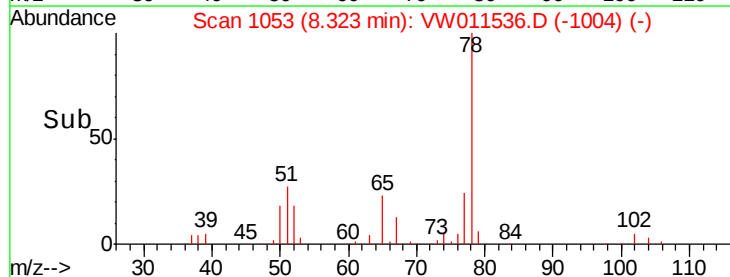
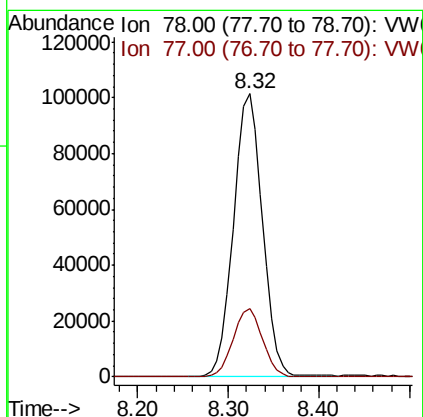
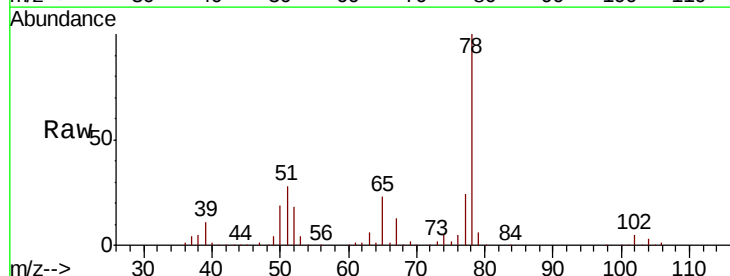
Instrument :
MSVOA_W
ClientSampled :
TP-2-B

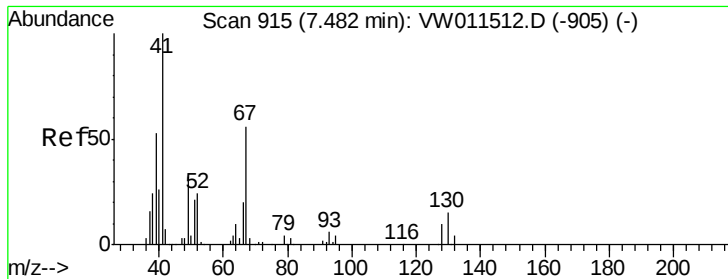
Tot Ion: 83 Resp: 84894
Ion Ratio Lower Upper
83 100
55 90.8 72.1 108.1
98 46.7 38.6 57.8



#40
Benzene
Concen: 20.411 ug/l
RT: 8.32 min Scan# 1053
Delta R.T. -0.00 min
Lab File: VW011536.D
Acq: 27 Jul 2019 00:00

Tgt Ion: 78 Resp: 225250
Ion Ratio Lower Upper
78 100
77 24.2 19.4 29.0

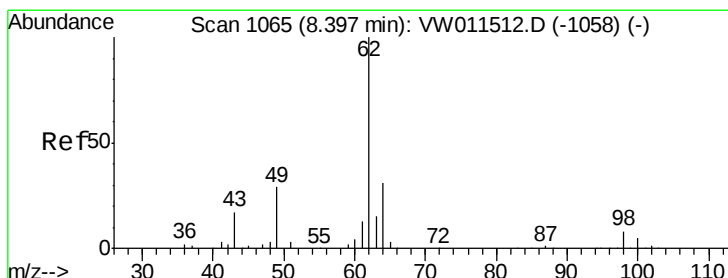
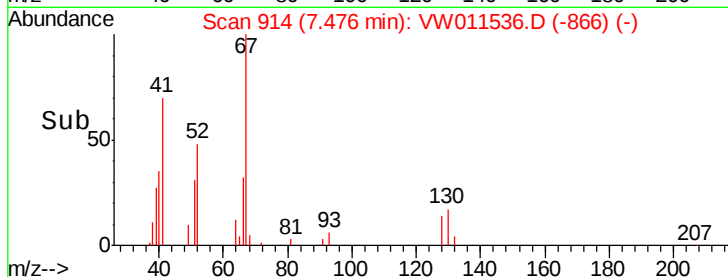
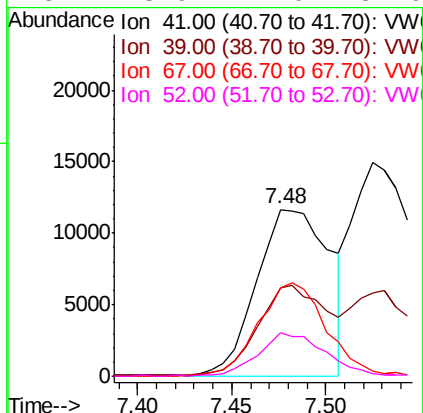
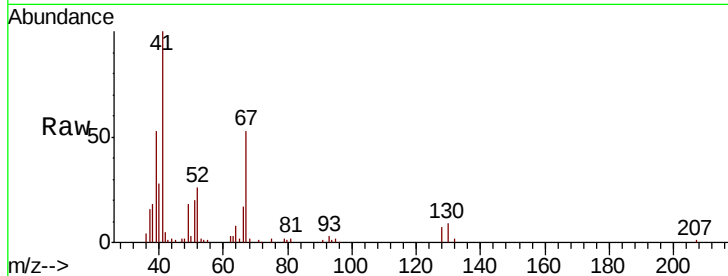




#41
Methacrylonitrile
Concen: 23.163 ug/l
RT: 7.48 min Scan# 914
Delta R.T. -0.01 min
Lab File: VW011536.D
Acq: 27 Jul 2019 00:00

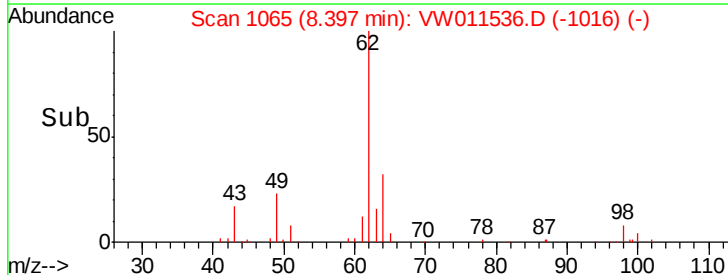
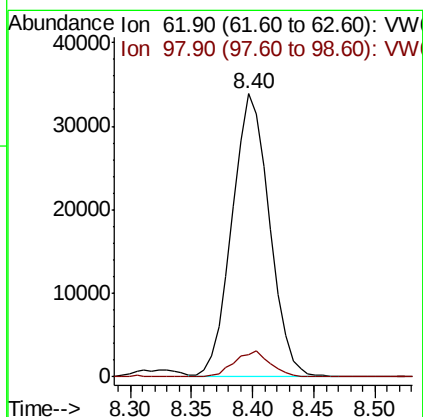
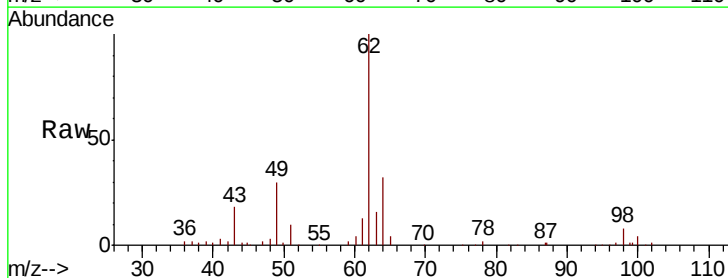
Instrument :
MSVOA_W
ClientSampled :
TP-2-B

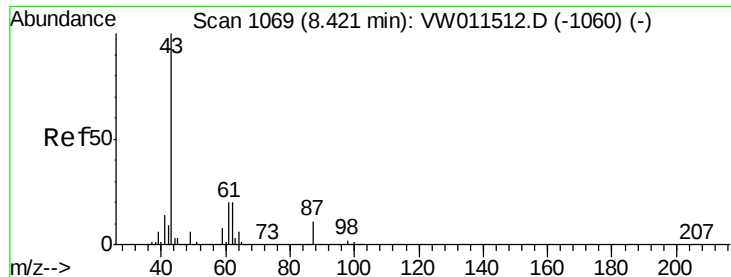
Tot Ion:	41	Resp:	31386
Ion	Ratio	Lower	Upper
41	100		
39	51.1	43.0	64.4
67	52.5	47.5	71.3
52	23.9	21.0	31.6



#42
1,2-Dichloroethane
Concen: 20.858 ug/l
RT: 8.40 min Scan# 1065
Delta R.T. -0.00 min
Lab File: VW011536.D
Acq: 27 Jul 2019 00:00

Tgt Ion:	62	Resp:	72068
Ion	Ratio	Lower	Upper
62	100		
98	8.8	0.0	16.8





#43

Isopropyl Acetate

Concen: 21.221 ug/l

RT: 8.42 min Scan# 1069

Delta R.T. -0.00 min

Lab File: VW011536.D

Acq: 27 Jul 2019 00:00

Instrument :

MSVOA_W

ClientSampled :

TP-2-B

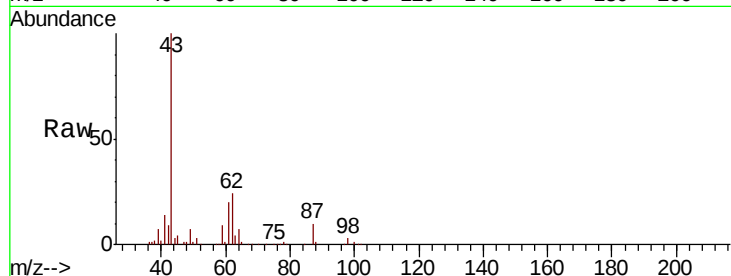
Tot Ion: 43 Resp: 88462

Ion Ratio Lower Upper

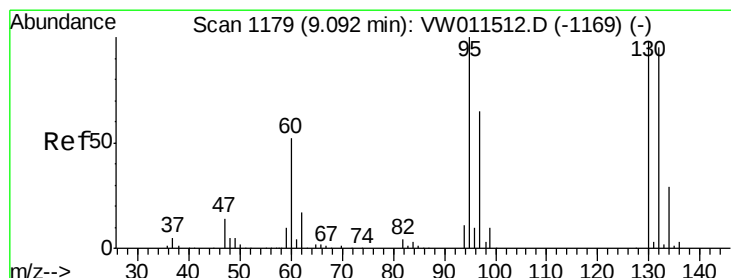
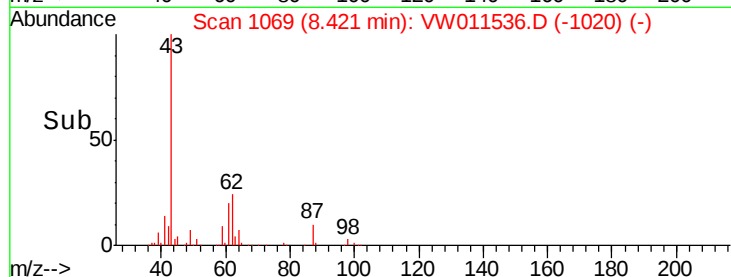
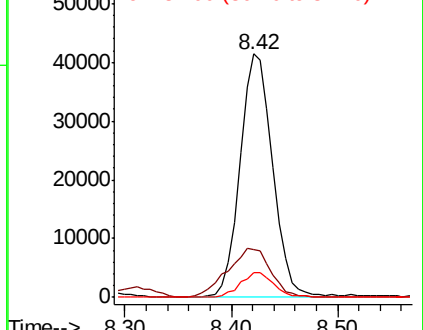
43 100

61 26.9 21.5 32.3

87 10.6 8.4 12.6



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: 20.297 ug/l

RT: 9.09 min Scan# 1179

Delta R.T. -0.00 min

Lab File: VW011536.D

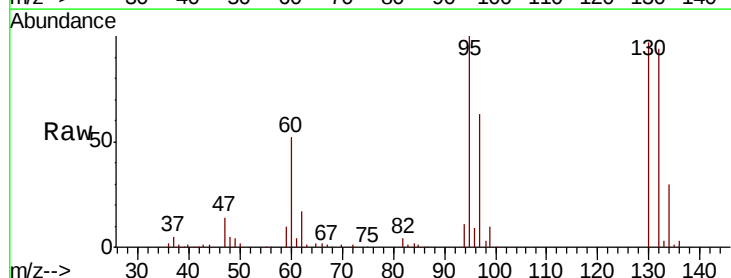
Acq: 27 Jul 2019 00:00

Tgt Ion: 130 Resp: 53838

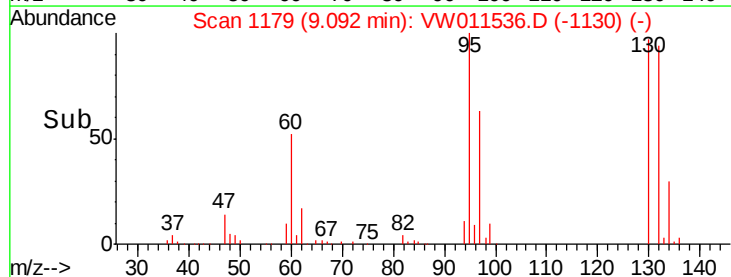
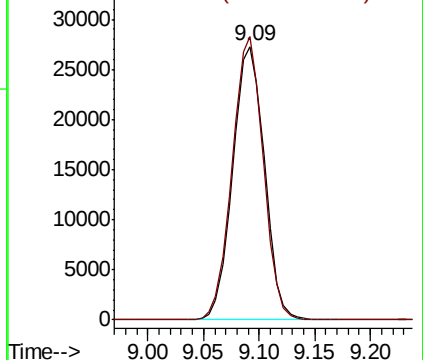
Ion Ratio Lower Upper

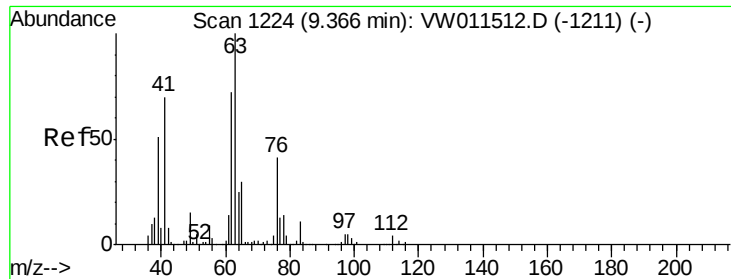
130 100

95 103.5 0.0 204.8



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





#45

1,2-Dichloropropane

Concen: 20.558 ug/l

RT: 9.37 min Scan# 1224

Delta R.T. -0.00 min

Lab File: VW011536.D

Acq: 27 Jul 2019 00:00

Instrument :

MSVOA_W

ClientSampleId :

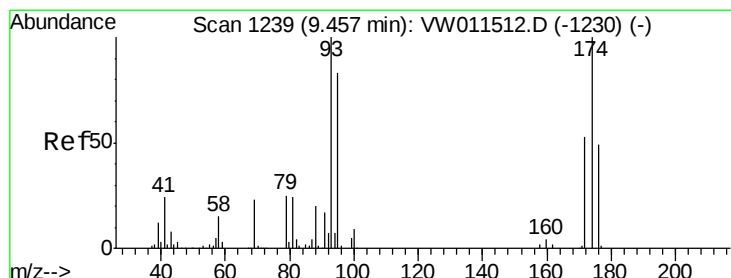
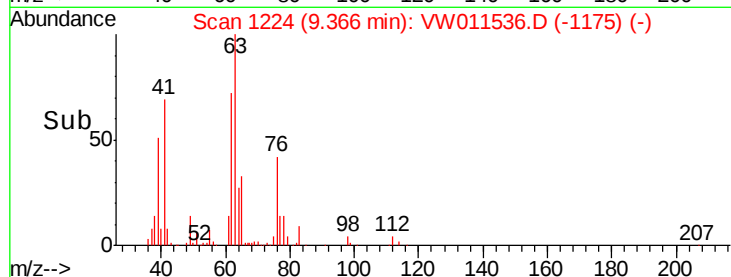
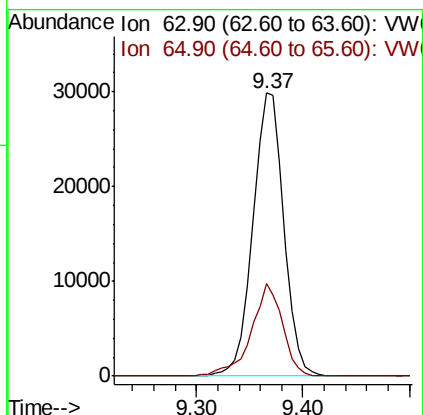
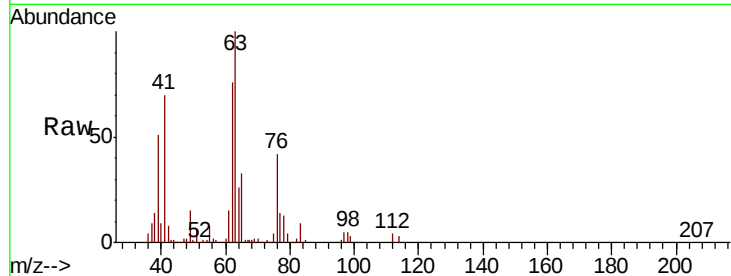
TP-2-B

Tot Ion: 63 Resp: 60704

Ion Ratio Lower Upper

63 100

65 32.6 24.2 36.4



#46

Dibromomethane

Concen: 20.934 ug/l

RT: 9.46 min Scan# 1239

Delta R.T. -0.00 min

Lab File: VW011536.D

Acq: 27 Jul 2019 00:00

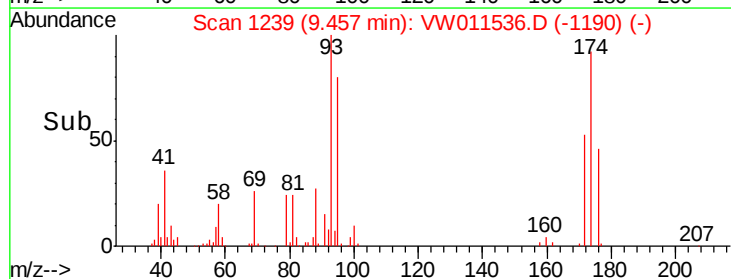
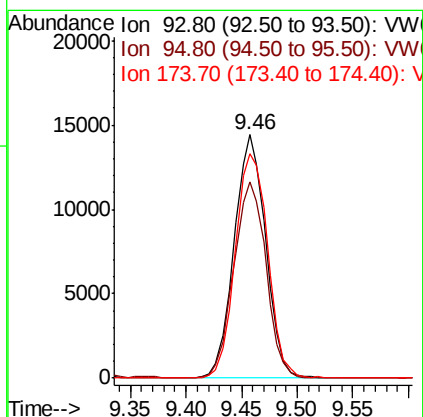
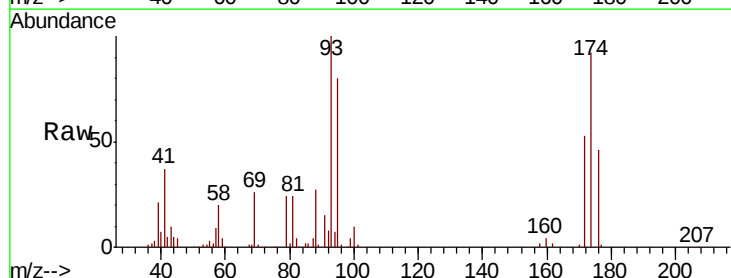
Tgt Ion: 93 Resp: 28214

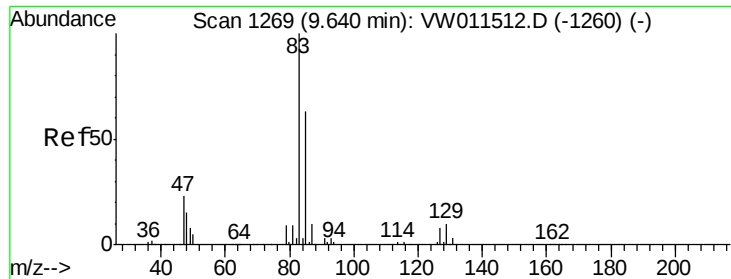
Ion Ratio Lower Upper

93 100

95 83.0 66.2 99.2

174 95.2 78.2 117.4





#47

Bromodichloromethane

Concen: 19.896 ug/l

RT: 9.65 min Scan# 1270

Delta R.T. 0.01 min

Lab File: VW011536.D

Acq: 27 Jul 2019 00:00

Instrument :

MSVOA_W

ClientSampleId :

TP-2-B

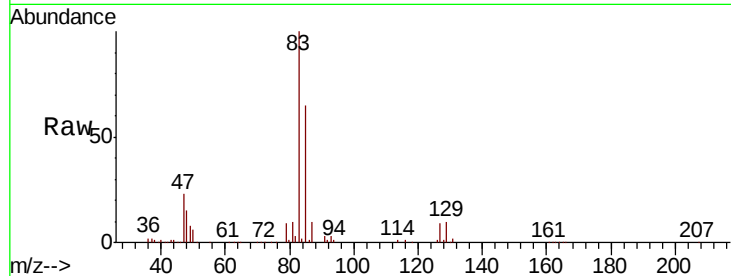
Tot Ion: 83 Resp: 70336

Ion Ratio Lower Upper

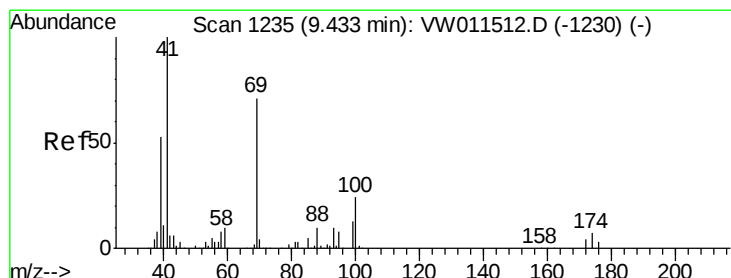
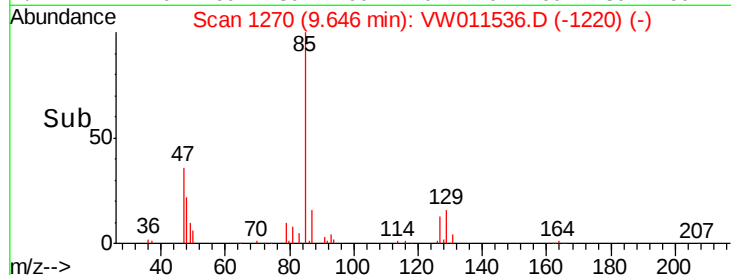
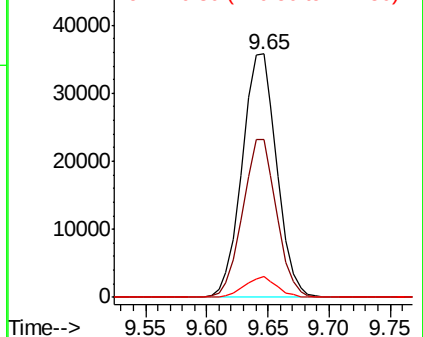
83 100

85 64.9 50.5 75.7

127 8.6 6.4 9.6



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: 20.937 ug/l

RT: 9.43 min Scan# 1235

Delta R.T. -0.00 min

Lab File: VW011536.D

Acq: 27 Jul 2019 00:00

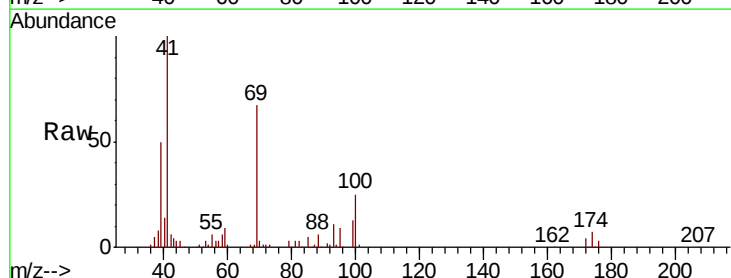
Tgt Ion: 41 Resp: 41925

Ion Ratio Lower Upper

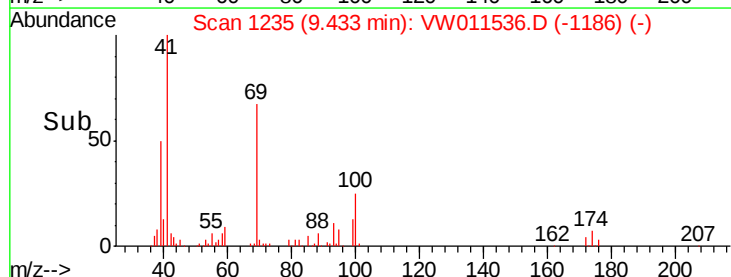
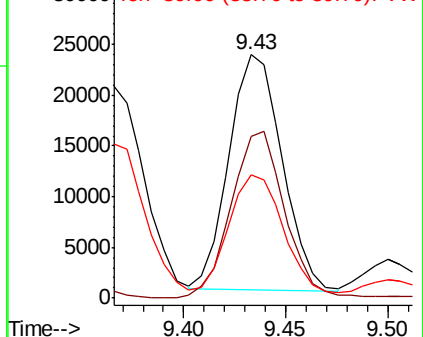
41 100

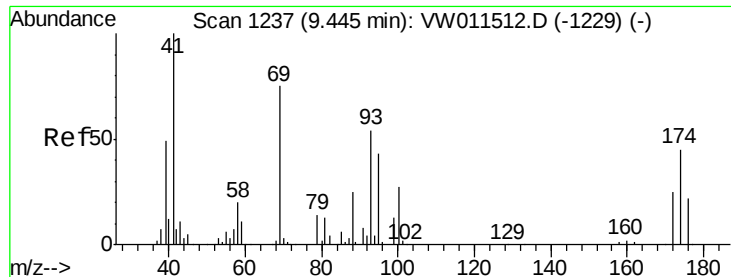
69 72.1 57.1 85.7

39 55.5 45.4 68.2



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

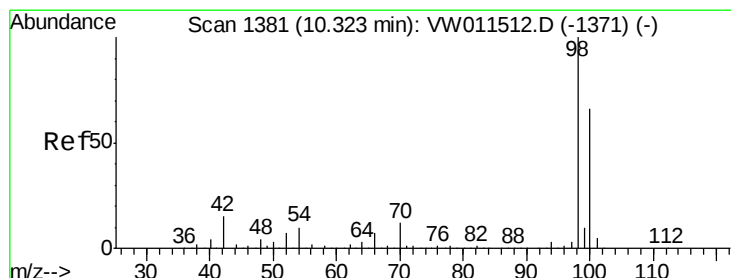
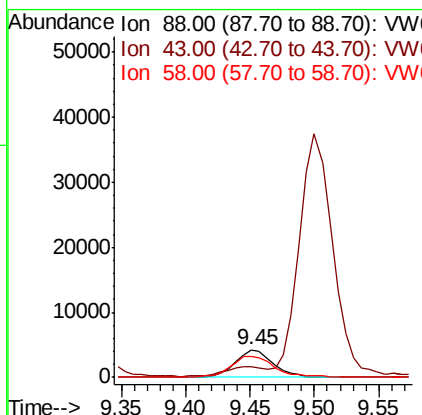
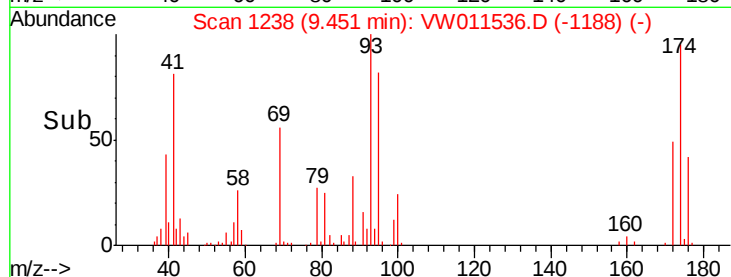
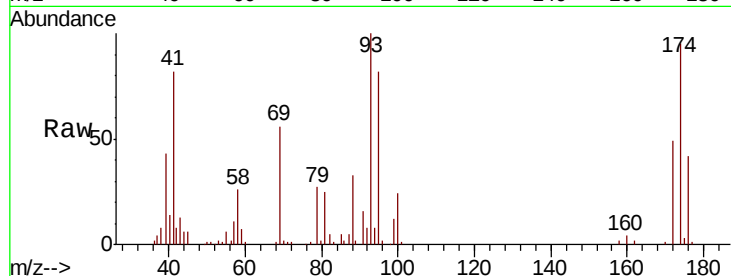




#49
1,4-Dioxane
Concen: 431.889 ug/l
RT: 9.45 min Scan# 1238
Delta R.T. 0.01 min
Lab File: VW011536.D
Acq: 27 Jul 2019 00:00

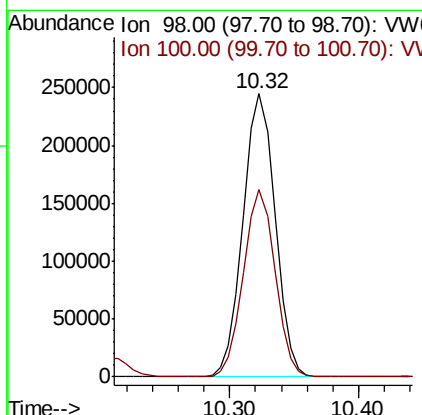
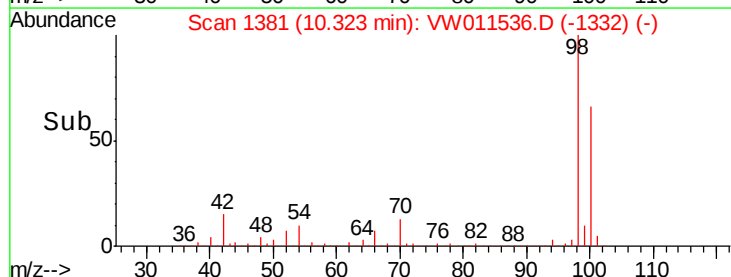
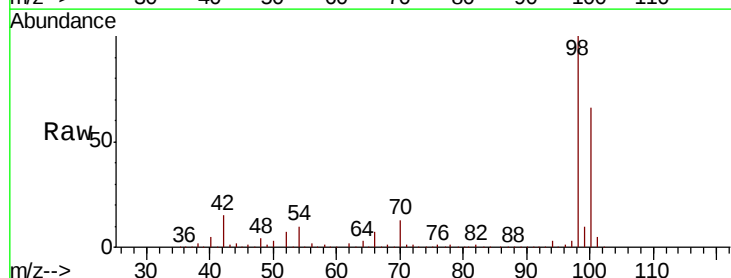
Instrument :
MSVOA_W
ClientSampleId :
TP-2-B

Tot Ion: 88 Resp: 8428
Ion Ratio Lower Upper
88 100
43 38.5 34.0 51.0
58 91.5 69.7 104.5



#50
Toluene-d8
Concen: 48.515 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. -0.00 min
Lab File: VW011536.D
Acq: 27 Jul 2019 00:00

Tgt Ion: 98 Resp: 422237
Ion Ratio Lower Upper
98 100
100 65.3 52.7 79.1





#51

4-Methyl-2-Pentanone

Concen: 107.184 ug/l

RT: 10.21 min Scan# 1362

Delta R.T. -0.00 min

Lab File: VW011536.D

Acq: 27 Jul 2019 00:00

Instrument :

MSVOA_W

ClientSampled :

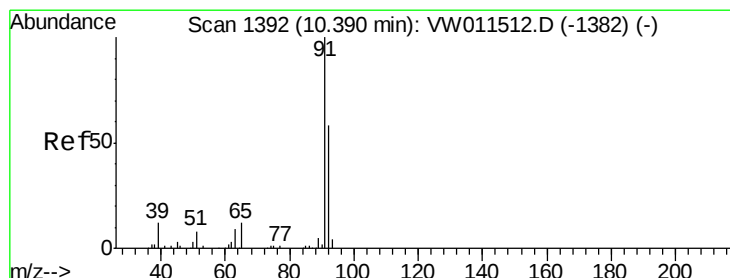
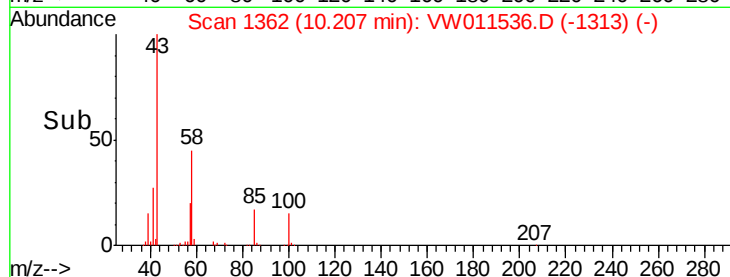
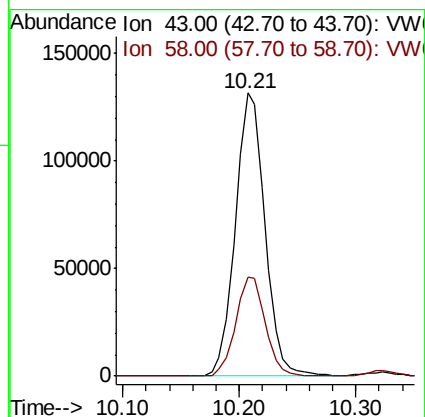
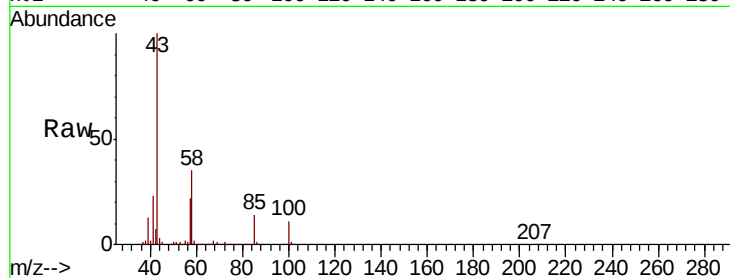
TP-2-B

Tot Ion: 43 Resp: 232411

Ion Ratio Lower Upper

43 100

58 35.2 28.2 42.2



#52

Toluene

Concen: 20.374 ug/l

RT: 10.39 min Scan# 1392

Delta R.T. -0.00 min

Lab File: VW011536.D

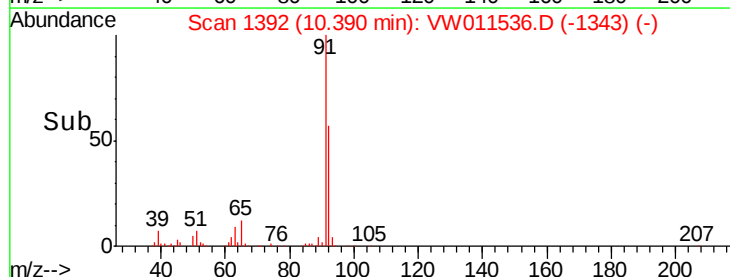
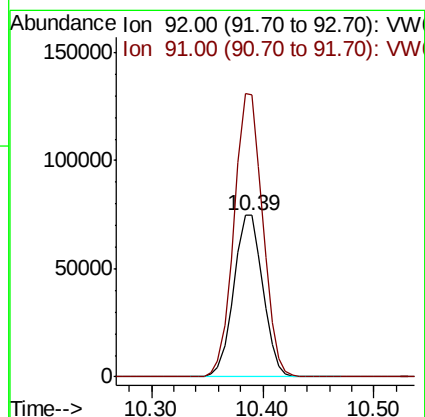
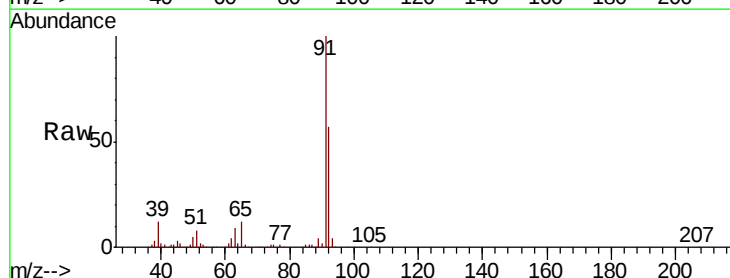
Acq: 27 Jul 2019 00:00

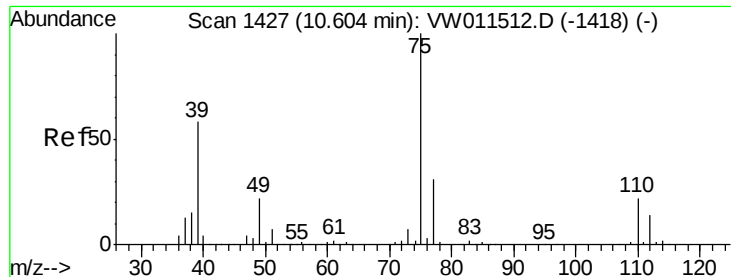
Tgt Ion: 92 Resp: 135784

Ion Ratio Lower Upper

92 100

91 172.1 136.7 205.1





#53

t-1,3-Dichloropropene

Concen: 19.584 ug/l

RT: 10.60 min Scan# 1427

Delta R.T. -0.00 min

Lab File: VW011536.D

Acq: 27 Jul 2019 00:00

Instrument :

MSVOA_W

ClientSampleId :

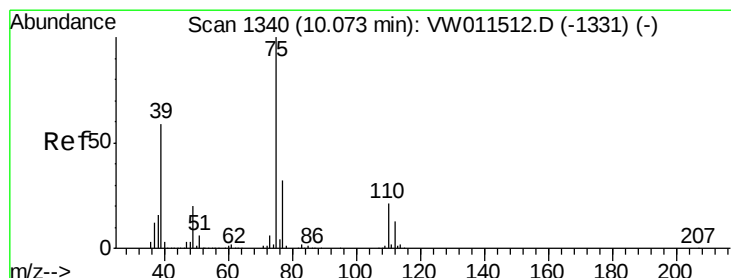
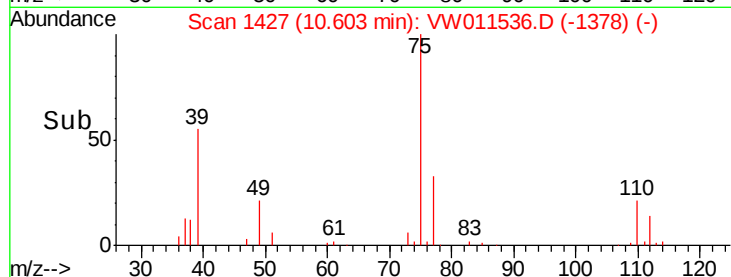
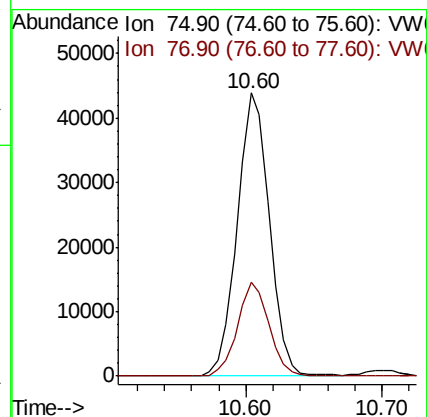
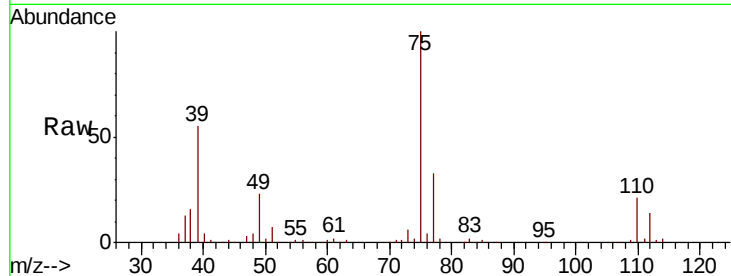
TP-2-B

Tot Ion: 75 Resp: 72324

Ion Ratio Lower Upper

75 100

77 33.1 25.0 37.4



#54

cis-1,3-Dichloropropene

Concen: 19.727 ug/l

RT: 10.07 min Scan# 1340

Delta R.T. -0.00 min

Lab File: VW011536.D

Acq: 27 Jul 2019 00:00

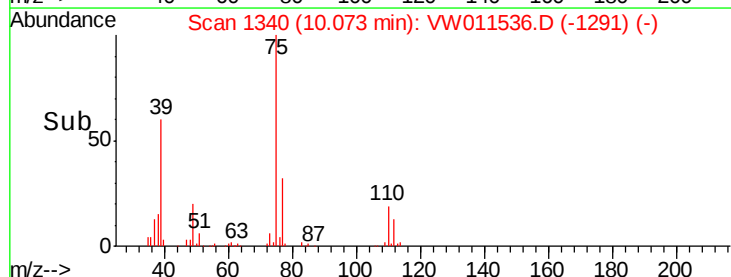
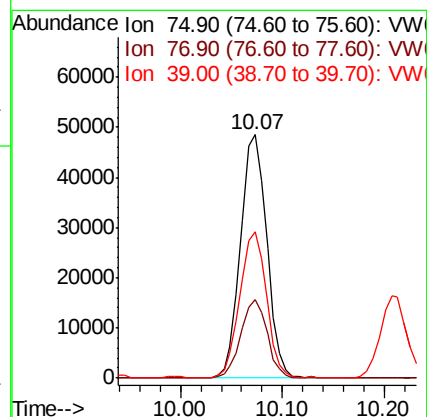
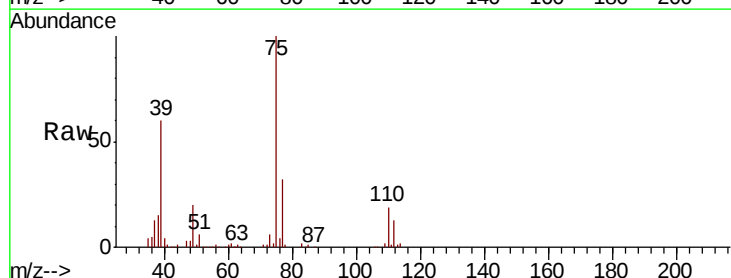
Tgt Ion: 75 Resp: 86620

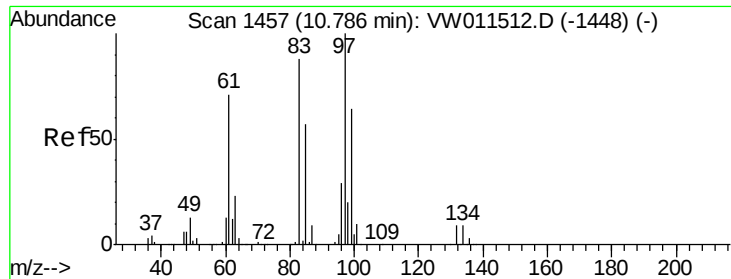
Ion Ratio Lower Upper

75 100

77 32.1 25.6 38.4

39 60.1 47.0 70.4

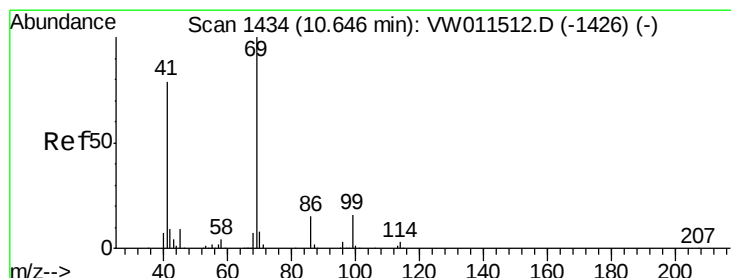
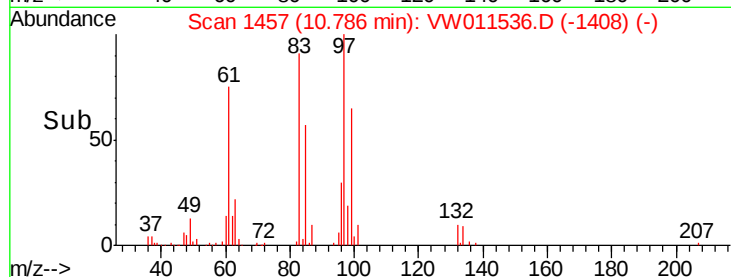
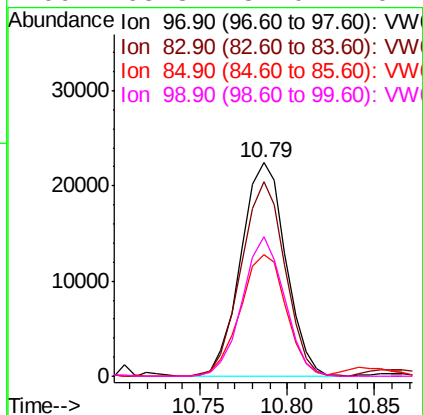
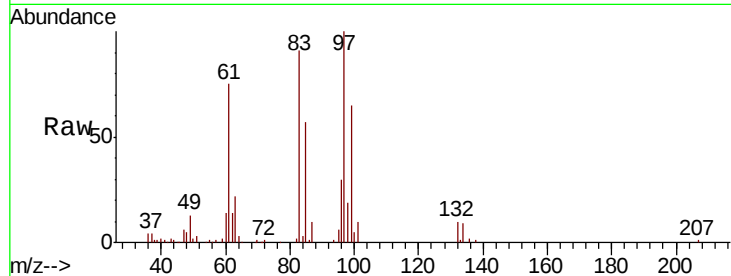




#55
 1,1,2-Trichloroethane
 Concen: 20.969 ug/l
 RT: 10.79 min Scan# 1457
 Delta R.T. -0.00 min
 Lab File: VW011536.D
 Acq: 27 Jul 2019 00:00

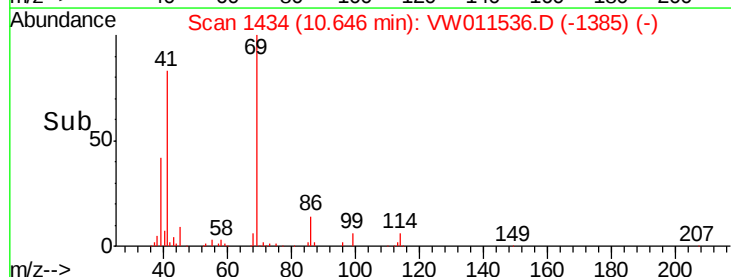
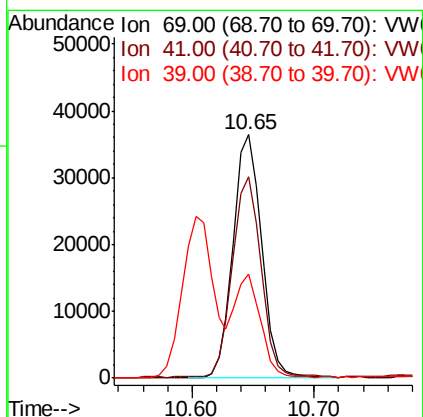
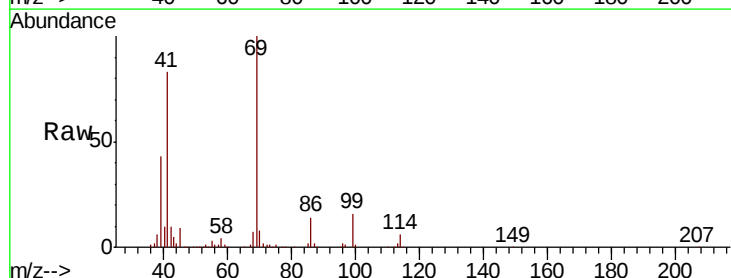
Instrument :
 MSVOA_W
 ClientSampled :
 TP-2-B

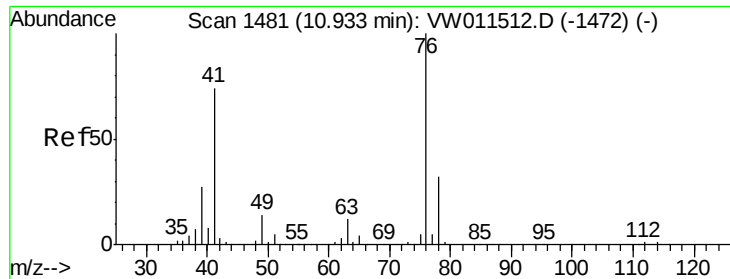
Tot Ion:	97	Resp:	40097
Ion	Ratio	Lower	Upper
97	100		
83	90.7	70.5	105.7
85	56.9	45.8	68.6
99	65.3	51.0	76.4



#56
 Ethyl methacrylate
 Concen: 21.085 ug/l
 RT: 10.65 min Scan# 1434
 Delta R.T. -0.00 min
 Lab File: VW011536.D
 Acq: 27 Jul 2019 00:00

Tgt Ion:	69	Resp:	59001
Ion	Ratio	Lower	Upper
69	100		
41	83.3	66.6	99.8
39	38.2	30.3	45.5

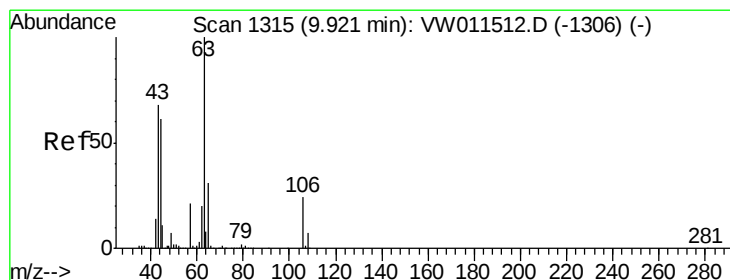
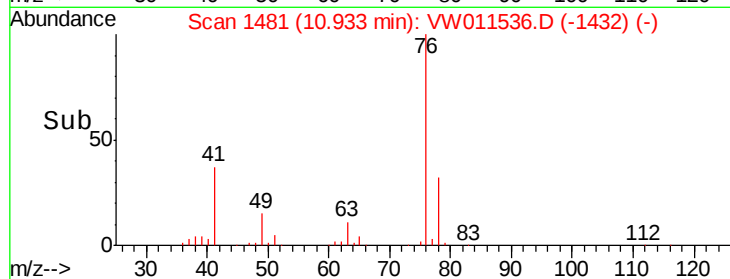
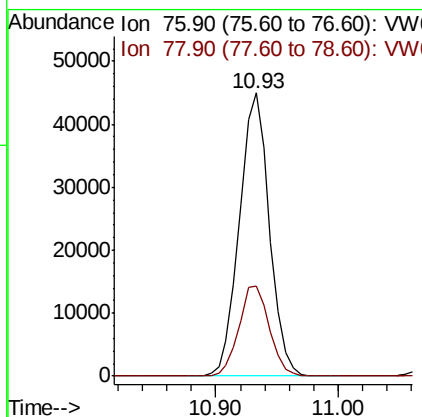
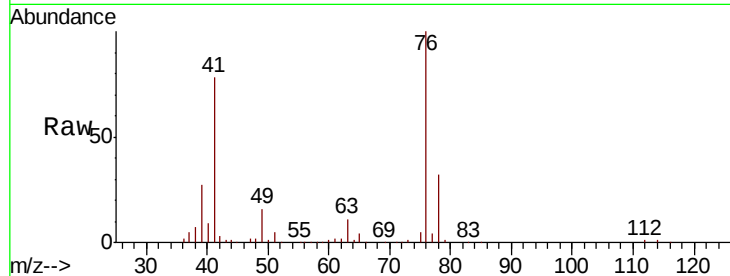




#57
 1,3-Dichloropropane
 Concen: 21.075 ug/l
 RT: 10.93 min Scan# 1481
 Delta R.T. -0.00 min
 Lab File: VW011536.D
 Acq: 27 Jul 2019 00:00

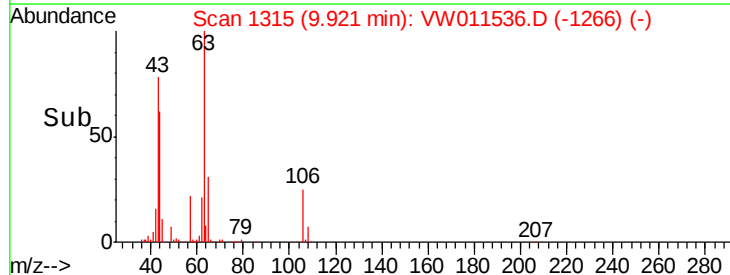
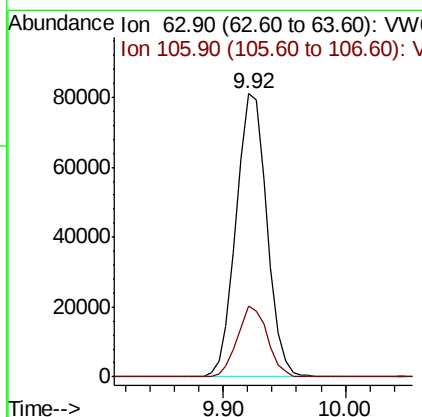
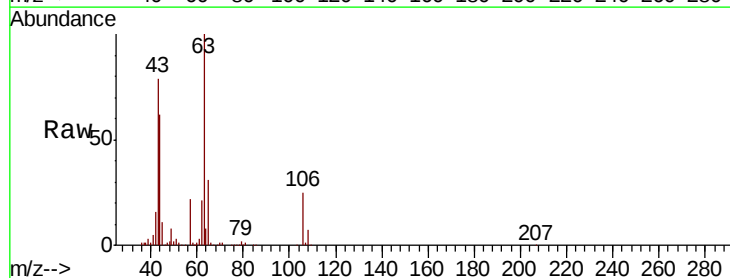
Instrument :
 MSVOA_W
 ClientSampleId :
 TP-2-B

Tot Ion: 76 Resp: 76244
 Ion Ratio Lower Upper
 76 100
 78 32.2 25.2 37.8



#58
 2-Chloroethyl Vinyl ether
 Concen: 111.264 ug/l
 RT: 9.92 min Scan# 1315
 Delta R.T. -0.00 min
 Lab File: VW011536.D
 Acq: 27 Jul 2019 00:00

Tgt Ion: 63 Resp: 141360
 Ion Ratio Lower Upper
 63 100
 106 24.5 19.7 29.5

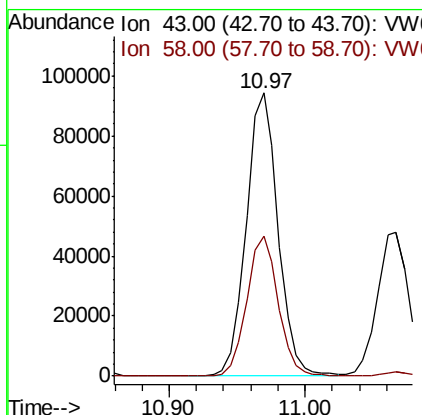
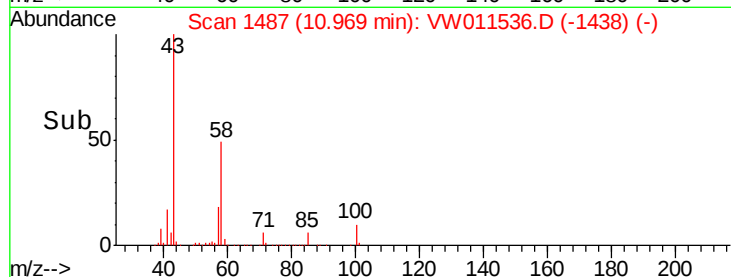
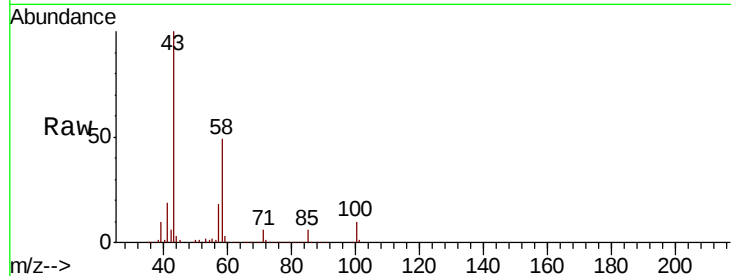




#59
2-Hexanone
Concen: 100.731 ug/l
RT: 10.97 min Scan# 1487
Delta R.T. -0.00 min
Lab File: VW011536.D
Acq: 27 Jul 2019 00:00

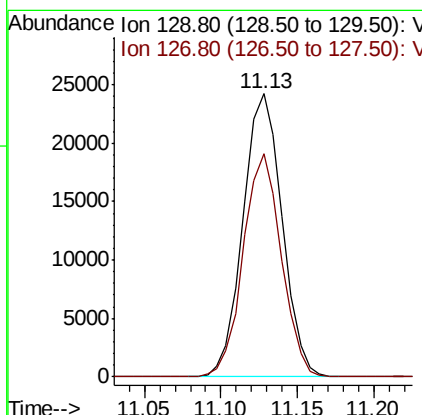
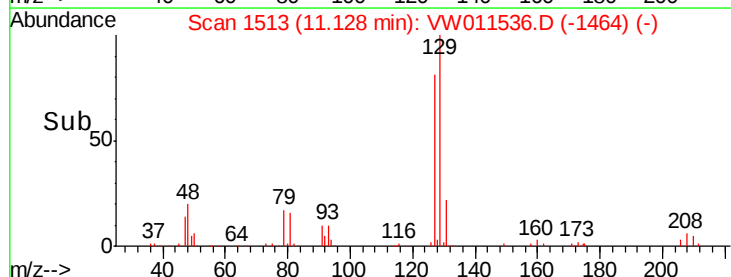
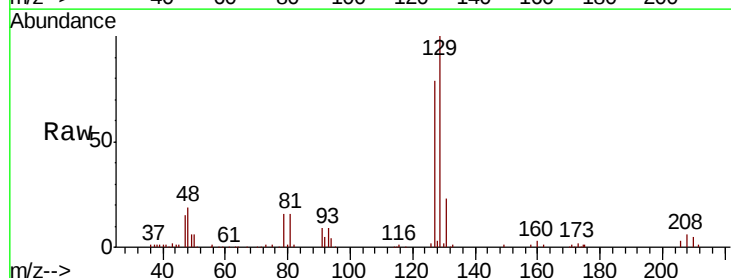
Instrument :
MSVOA_W
ClientSampleId :
TP-2-B

Tot Ion: 43 Resp: 154218
Ion Ratio Lower Upper
43 100
58 49.2 24.3 72.9



#60
Dibromochloromethane
Concen: 20.335 ug/l
RT: 11.13 min Scan# 1513
Delta R.T. -0.00 min
Lab File: VW011536.D
Acq: 27 Jul 2019 00:00

Tgt Ion:129 Resp: 43164
Ion Ratio Lower Upper
129 100
127 76.8 38.9 116.7

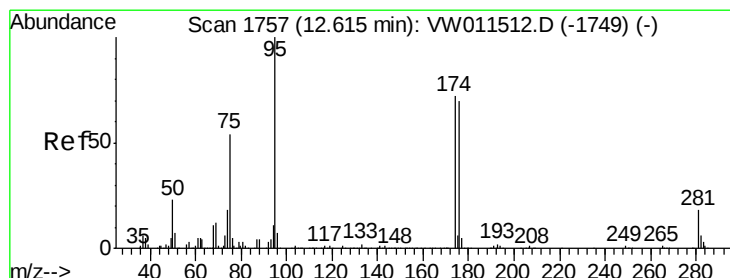
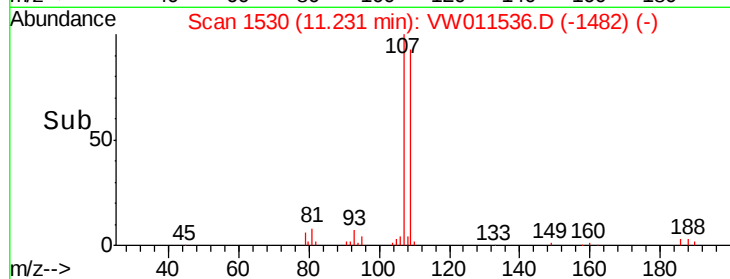
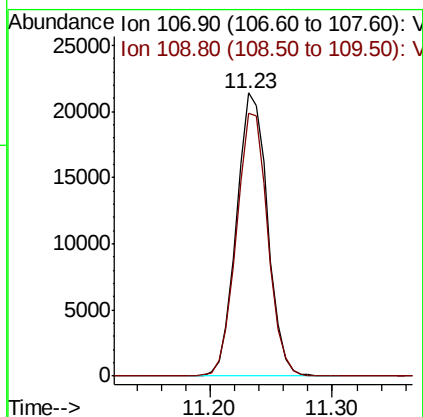
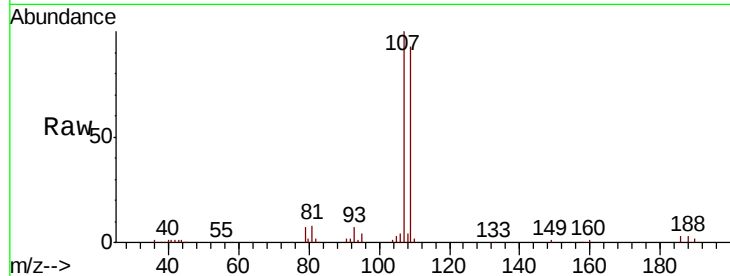




#61
 1,2-Dibromoethane
 Concen: 20.801 ug/l
 RT: 11.23 min Scan# 1530
 Delta R.T. -0.01 min
 Lab File: VW011536.D
 Acq: 27 Jul 2019 00:00

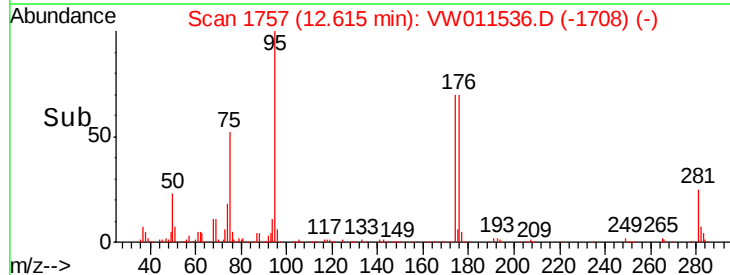
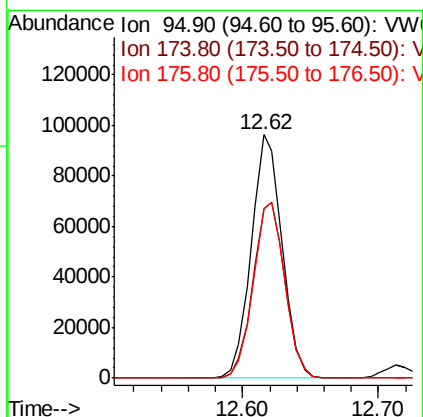
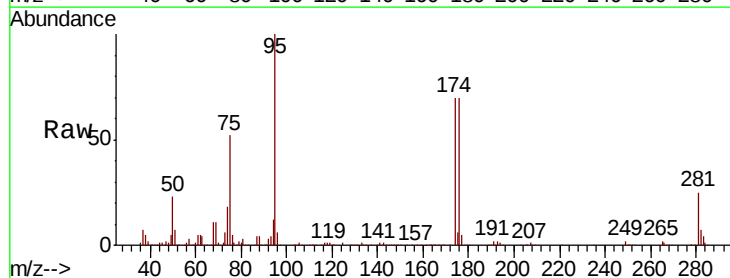
Instrument :
 MSVOA_W
 ClientSampleId :
 TP-2-B

Tot Ion: 107 Resp: 37642
 Ion Ratio Lower Upper
 107 100
 109 93.3 75.0 112.6



#62
 4-Bromofluorobenzene
 Concen: 49.350 ug/l
 RT: 12.62 min Scan# 1757
 Delta R.T. -0.00 min
 Lab File: VW011536.D
 Acq: 27 Jul 2019 00:00

Tgt Ion: 95 Resp: 153129
 Ion Ratio Lower Upper
 95 100
 174 74.7 0.0 150.2
 176 73.8 0.0 144.4

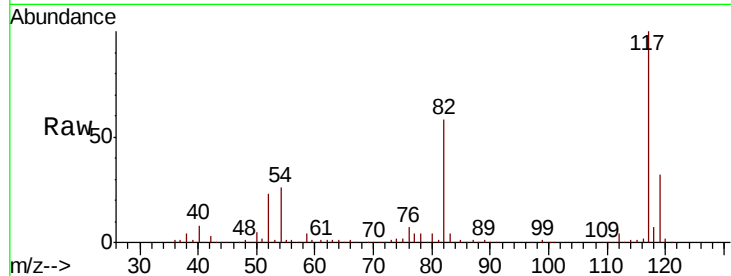




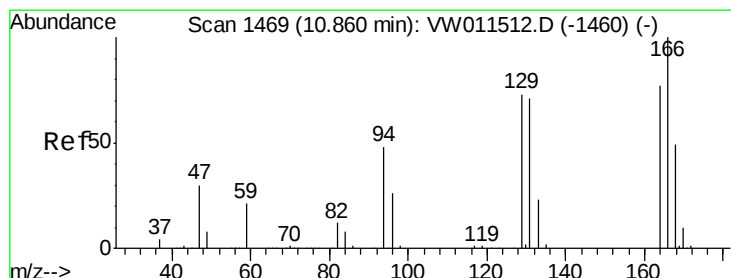
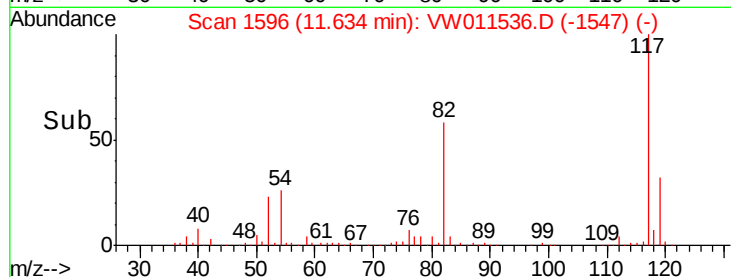
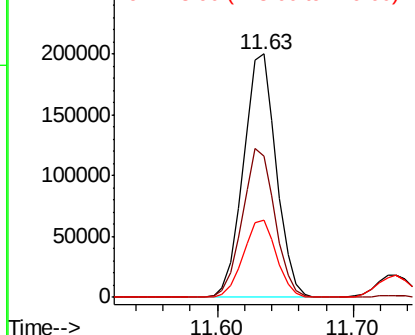
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW011536.D
Acq: 27 Jul 2019 00:00

Instrument :
MSVOA_W
ClientSampled :
TP-2-B

Tot Ion:117 Resp: 336418
Ion Ratio Lower Upper
117 100
82 58.1 47.9 71.9
119 32.0 26.2 39.2

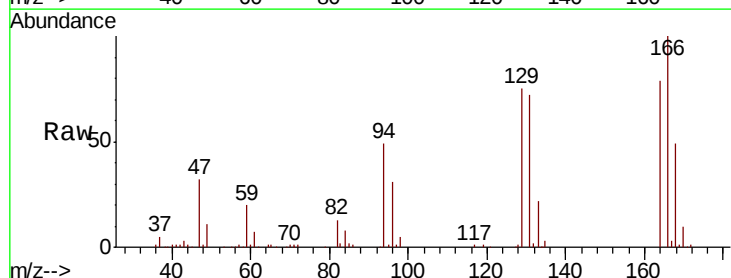


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

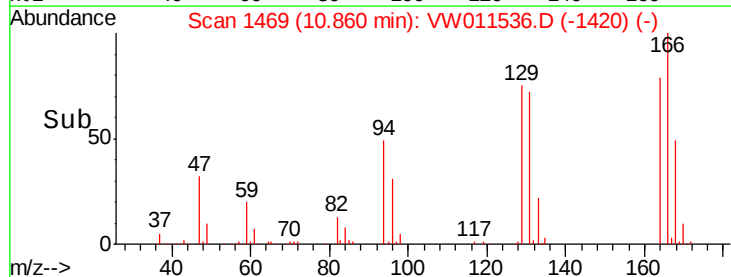
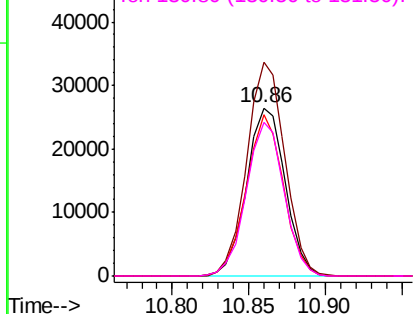


#64
Tetrachloroethene
Concen: 21.245 ug/l
RT: 10.86 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VW011536.D
Acq: 27 Jul 2019 00:00

Tgt Ion:164 Resp: 46535
Ion Ratio Lower Upper
164 100
166 127.4 103.5 155.3
129 96.0 75.2 112.8
131 91.4 73.4 110.2



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

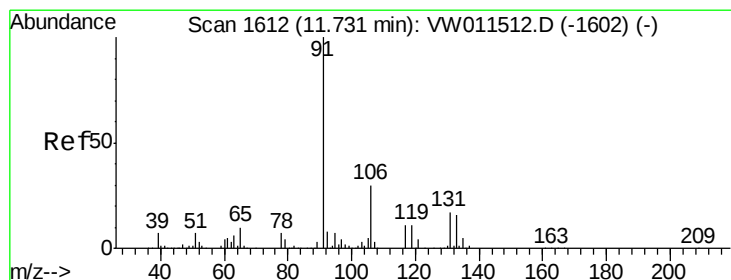
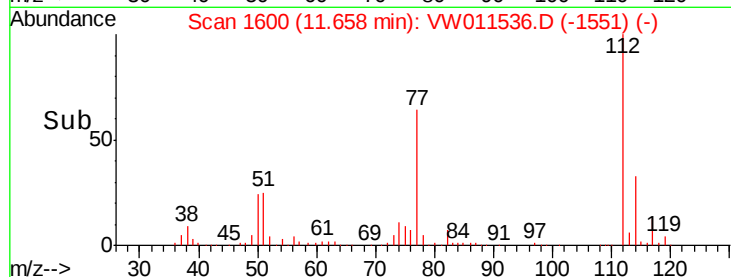
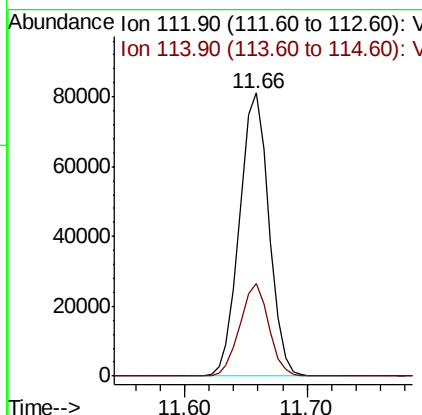
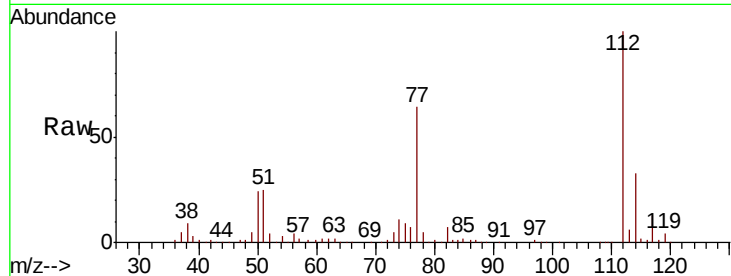




#65
Chlorobenzene
Concen: 20.007 ug/l
RT: 11.66 min Scan# 1600
Delta R.T. -0.00 min
Lab File: VW011536.D
Acq: 27 Jul 2019 00:00

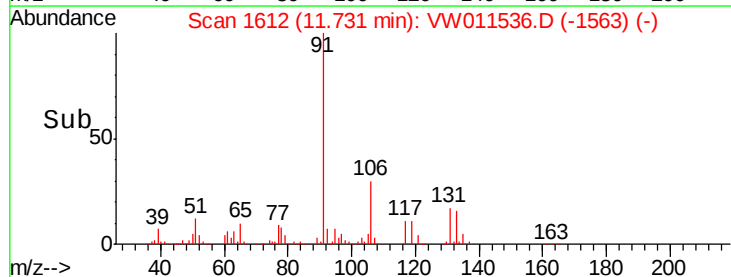
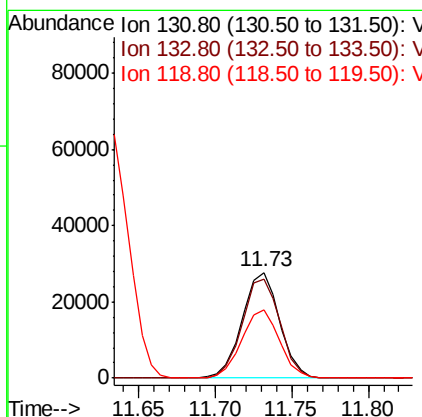
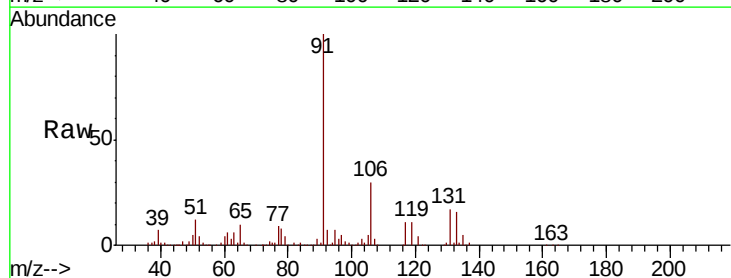
Instrument :
MSVOA_W
ClientSampleId :
TP-2-B

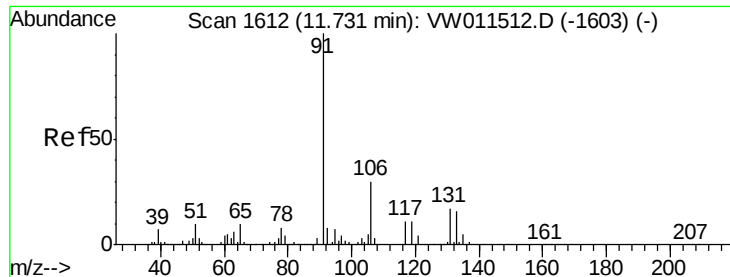
Tot Ion:112 Resp: 135317
Ion Ratio Lower Upper
112 100
114 32.8 25.6 38.4



#66
1,1,1,2-Tetrachloroethane
Concen: 19.950 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. -0.00 min
Lab File: VW011536.D
Acq: 27 Jul 2019 00:00

Tgt Ion:131 Resp: 47001
Ion Ratio Lower Upper
131 100
133 94.8 47.4 142.2
119 65.4 32.3 96.9

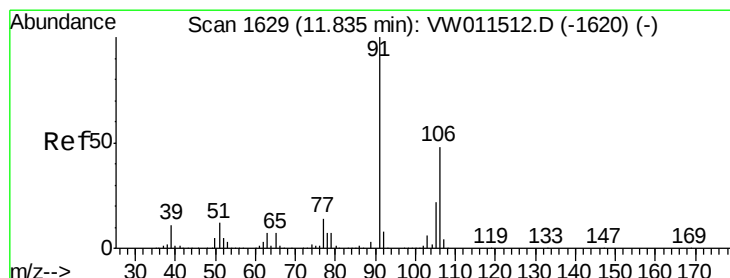
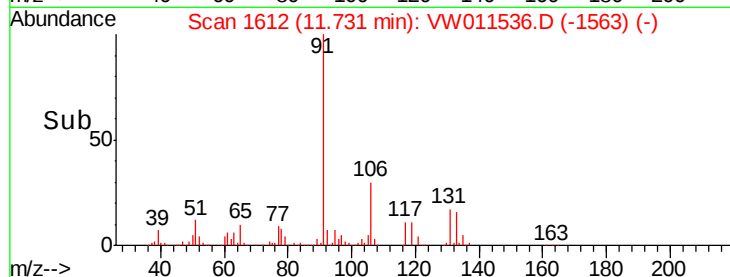
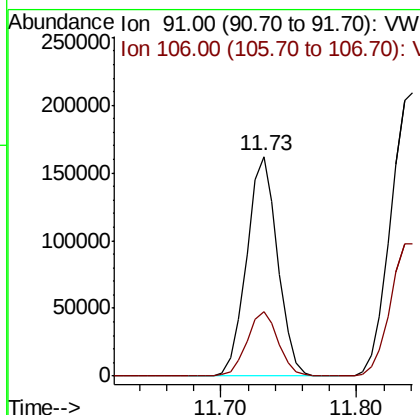
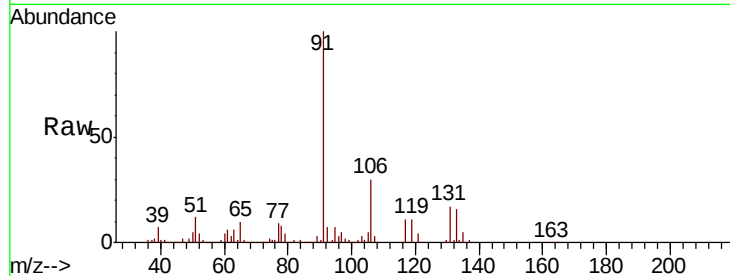




#67
Ethyl Benzene
Concen: 20.044 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. -0.00 min
Lab File: VW011536.D
Acq: 27 Jul 2019 00:00

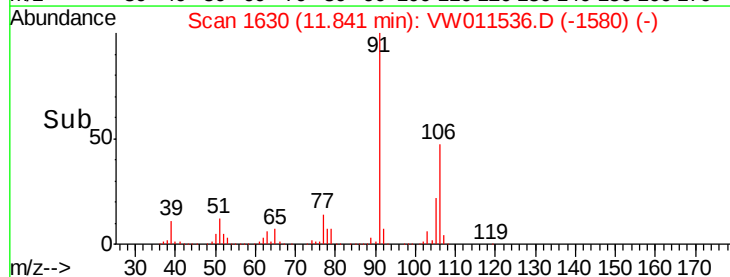
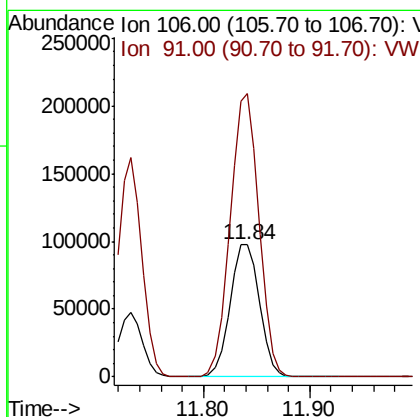
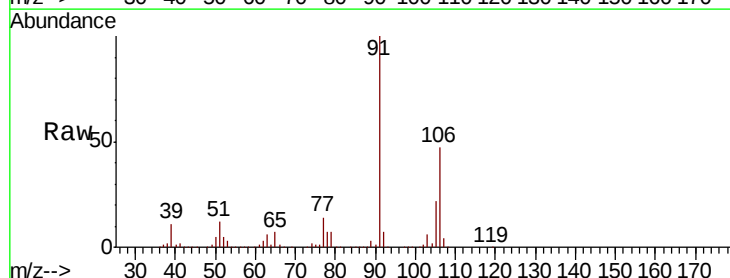
Instrument :
MSVOA_W
ClientSampled :
TP-2-B

Tot Ion: 91 Resp: 258193
Ion Ratio Lower Upper
91 100
106 29.6 23.8 35.6



#68
m/p-Xylenes
Concen: 40.375 ug/l
RT: 11.84 min Scan# 1630
Delta R.T. 0.01 min
Lab File: VW011536.D
Acq: 27 Jul 2019 00:00

Tgt Ion: 106 Resp: 189140
Ion Ratio Lower Upper
106 100
91 209.1 168.2 252.2

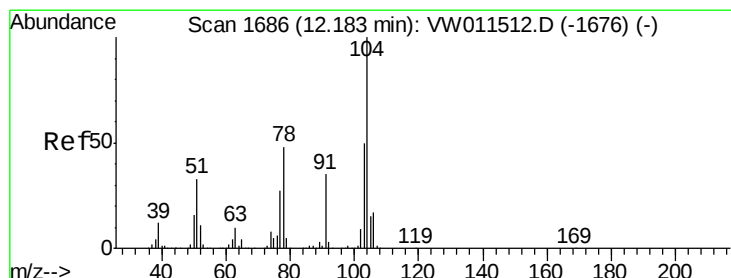
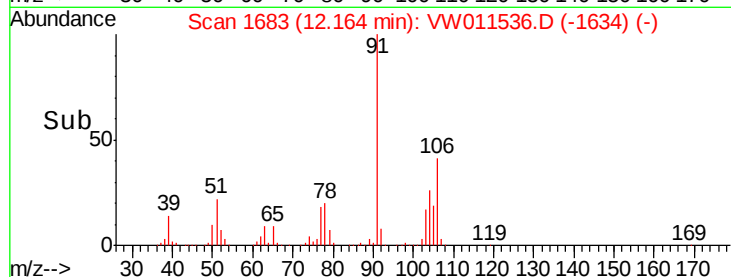
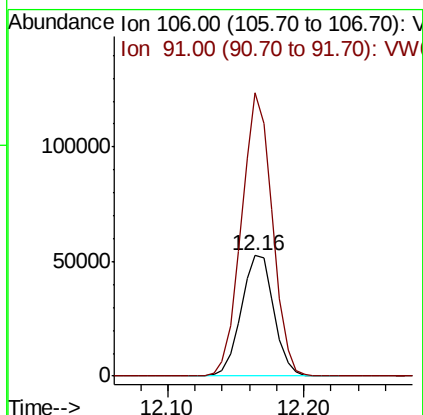
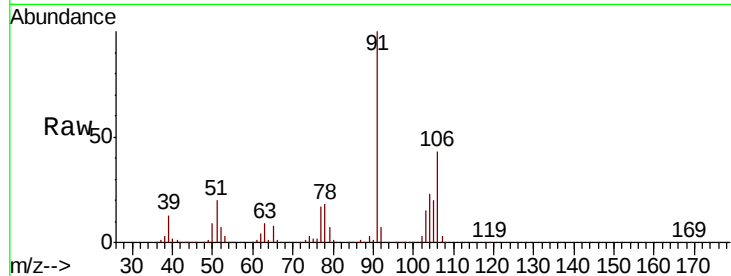




#69
o-Xylene
Concen: 20.229 ug/l
RT: 12.16 min Scan# 1683
Delta R.T. -0.00 min
Lab File: VW011536.D
Acq: 27 Jul 2019 00:00

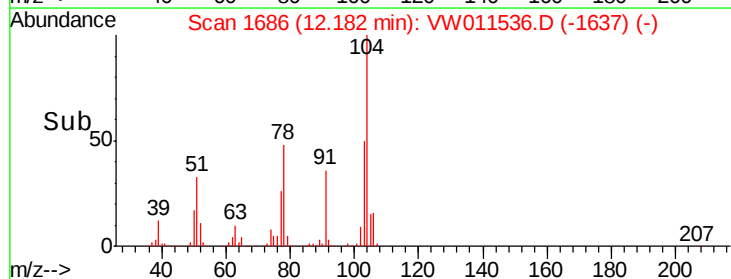
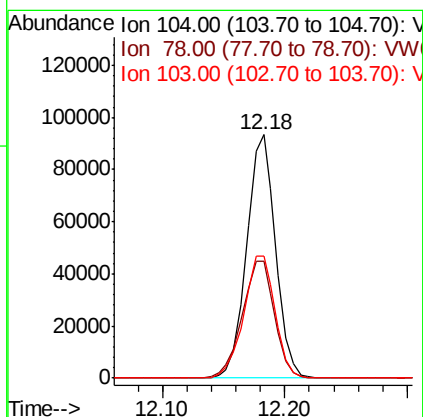
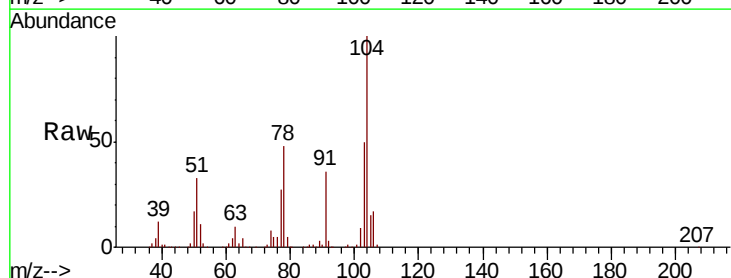
Instrument :
MSVOA_W
ClientSampled :
TP-2-B

Tot Ion:106 Resp: 88061
Ion Ratio Lower Upper
106 100
91 222.2 110.5 331.5



#70
Styrene
Concen: 20.304 ug/l
RT: 12.18 min Scan# 1686
Delta R.T. -0.00 min
Lab File: VW011536.D
Acq: 27 Jul 2019 00:00

Tgt Ion:104 Resp: 152826
Ion Ratio Lower Upper
104 100
78 53.7 43.4 65.0
103 54.6 43.9 65.9





#71

Bromoform

Concen: 20.131 ug/l

RT: 12.35 min Scan# 1714

Delta R.T. 0.01 min

Lab File: VW011536.D

Acq: 27 Jul 2019 00:00

Instrument :

MSVOA_W

ClientSampleId :

TP-2-B

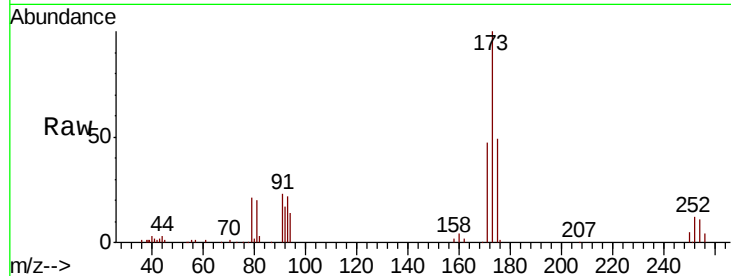
Tot Ion:173 Resp: 24181

Ion Ratio Lower Upper

173 100

175 49.6 23.6 71.0

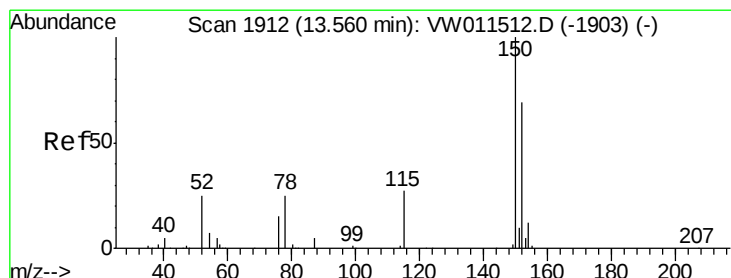
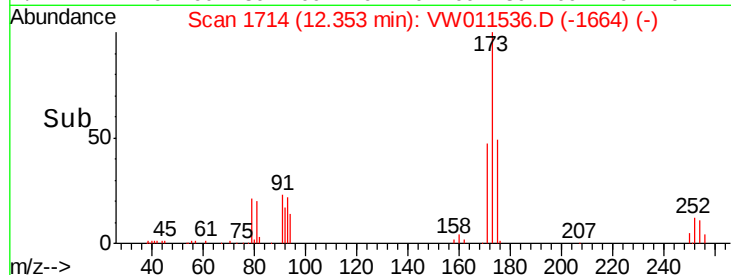
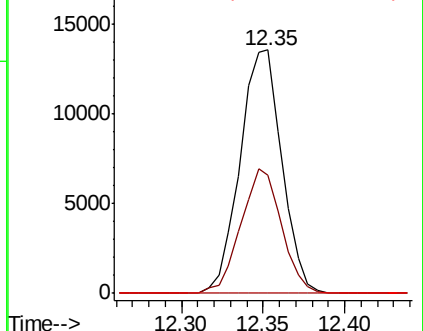
254 0.0 0.1 0.1#



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.56 min Scan# 1912

Delta R.T. -0.00 min

Lab File: VW011536.D

Acq: 27 Jul 2019 00:00

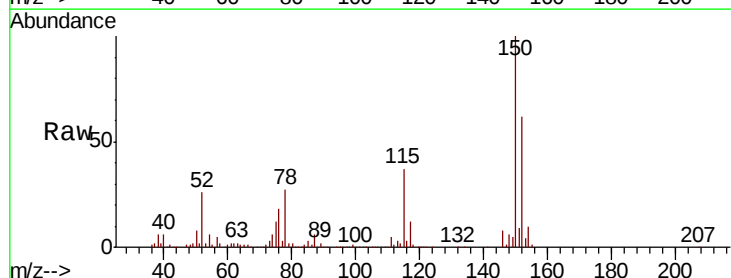
Tgt Ion:152 Resp: 162127

Ion Ratio Lower Upper

152 100

115 60.2 30.5 91.5

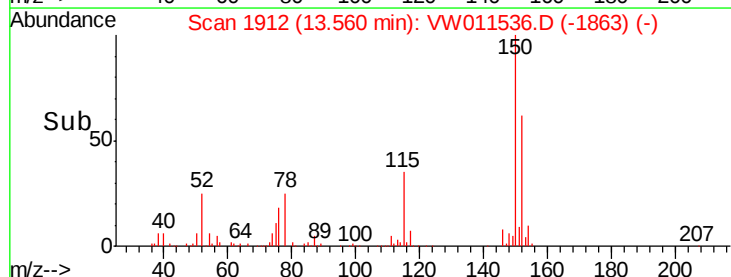
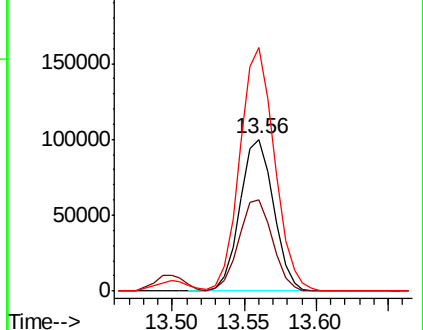
150 165.0 0.0 352.6

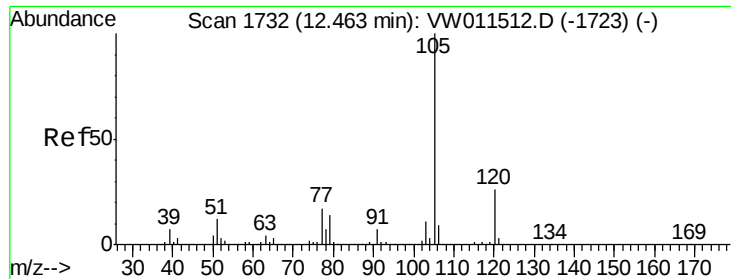


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 19.710 ug/l

RT: 12.46 min Scan# 1732

Delta R.T. -0.00 min

Lab File: VW011536.D

Acq: 27 Jul 2019 00:00

Instrument :

MSVOA_W

ClientSampleId :

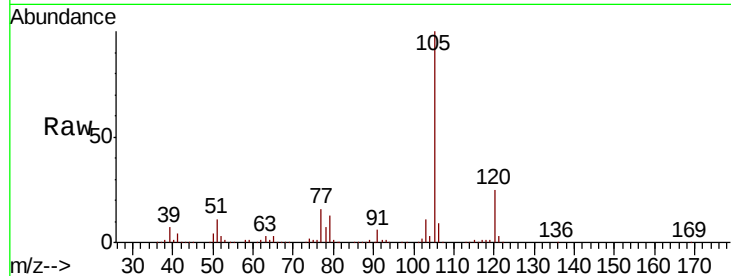
TP-2-B

Tot Ion:105 Resp: 238394

Ion Ratio Lower Upper

105 100

120 26.1 12.9 38.7



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

12.46

150000

100000

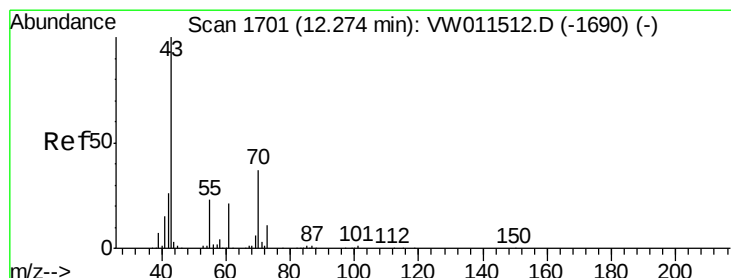
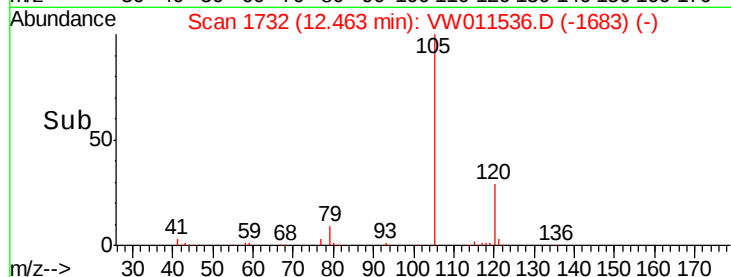
50000

0

Time-->

12.40

12.50



#74

N-ethyl acetate

Concen: 20.836 ug/l

RT: 12.27 min Scan# 1701

Delta R.T. -0.00 min

Lab File: VW011536.D

Acq: 27 Jul 2019 00:00

Tgt Ion: 43 Resp: 78900

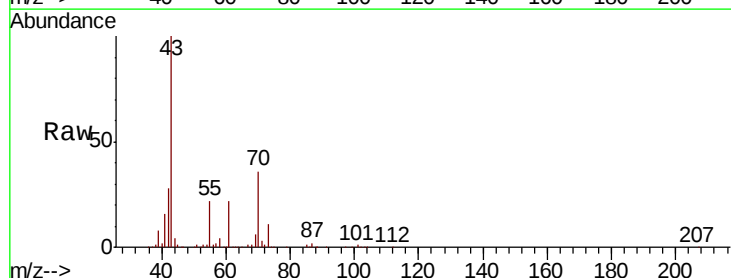
Ion Ratio Lower Upper

43 100

70 35.9 28.6 43.0

55 22.8 17.8 26.8

61 21.2 17.0 25.6



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 70.00 (69.70 to 70.70): VW

Ion 55.00 (54.70 to 55.70): VW

Ion 61.00 (60.70 to 61.70): VW

80000

60000

40000

20000

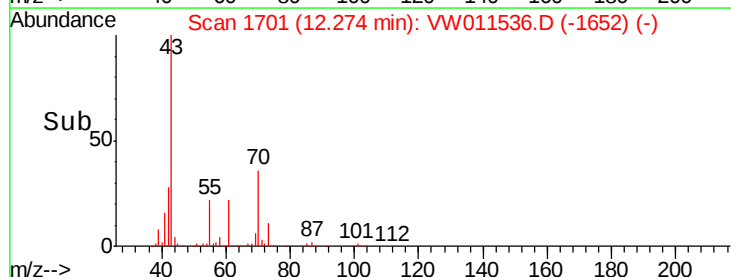
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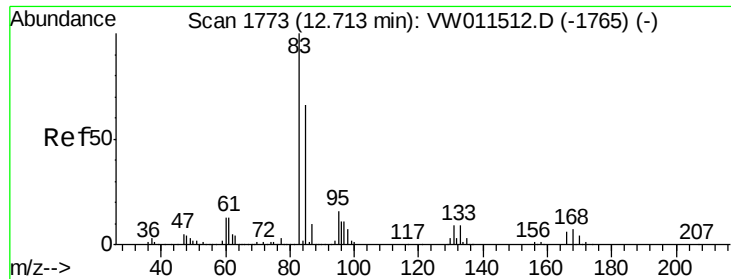
Time-->

12.20

12.30

12.40





#75

1,1,2,2-Tetrachloroethane

Concen: 21.294 ug/l

RT: 12.71 min Scan# 1773

Delta R.T. -0.00 min

Lab File: VW011536.D

Acq: 27 Jul 2019 00:00

Instrument :

MSVOA_W

ClientSampleId :

TP-2-B

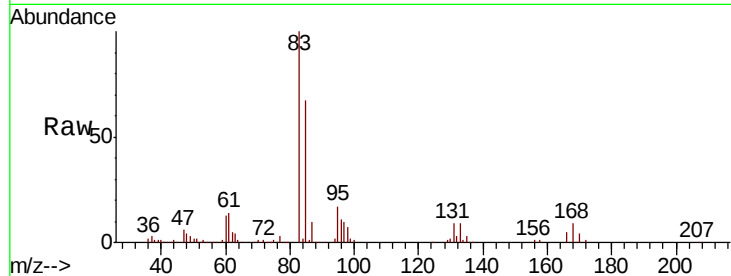
Tot Ion: 83 Resp: 48446

Ion Ratio Lower Upper

83 100

131 9.7 4.9 14.6

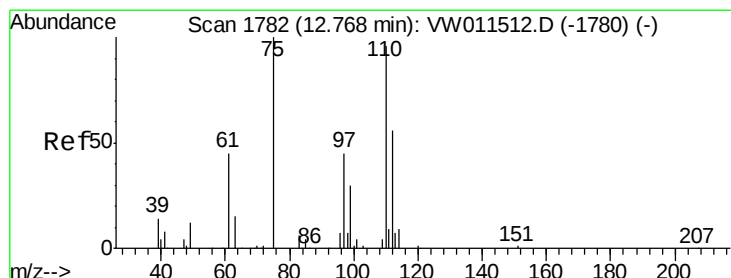
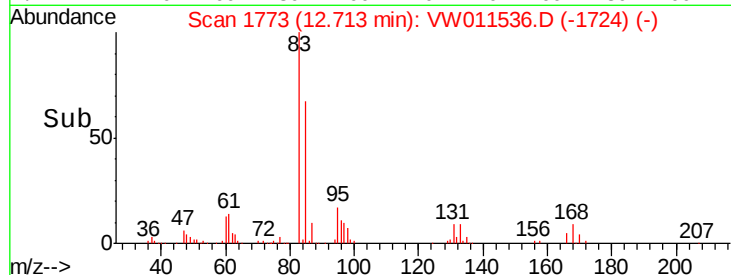
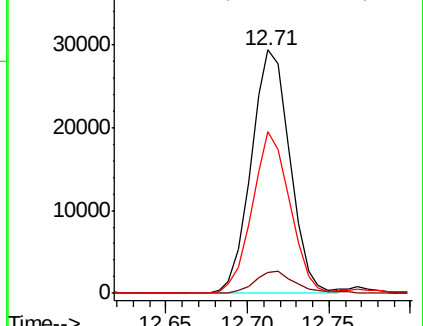
85 64.5 31.8 95.4



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: 36.555 ug/l

RT: 12.77 min Scan# 1782

Delta R.T. -0.00 min

Lab File: VW011536.D

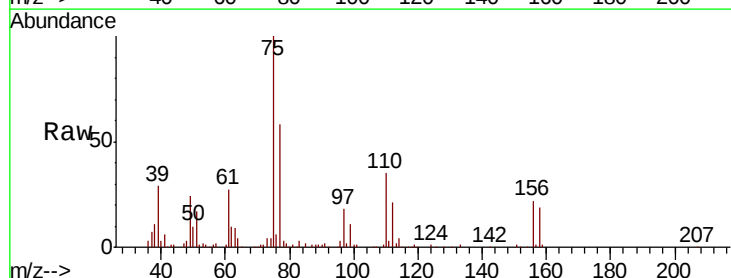
Acq: 27 Jul 2019 00:00

Tgt Ion: 75 Resp: 62709

Ion Ratio Lower Upper

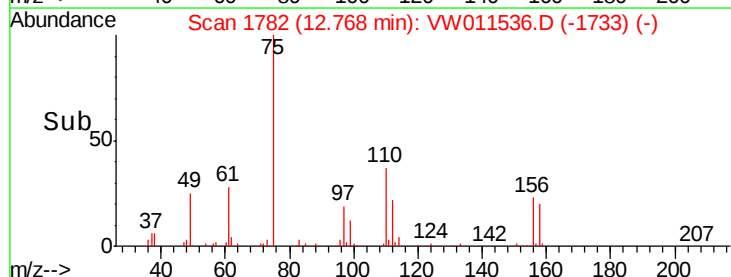
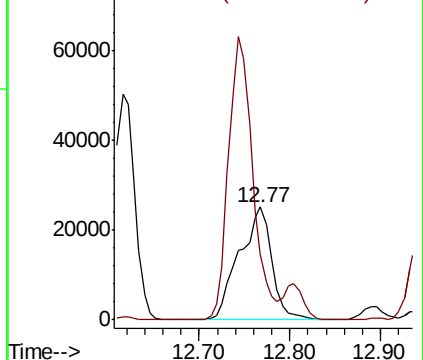
75 100

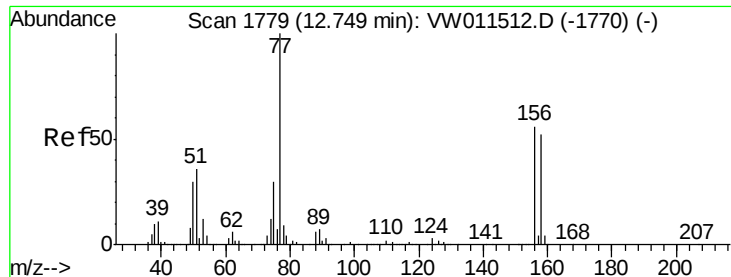
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 77.00 (76.70 to 77.70): VW





#77

Bromobenzene

Concen: 20.776 ug/l

RT: 12.75 min Scan# 1779

Delta R.T. -0.00 min

Lab File: VW011536.D

Acq: 27 Jul 2019 00:00

Instrument :

MSVOA_W

ClientSampleId :

TP-2-B

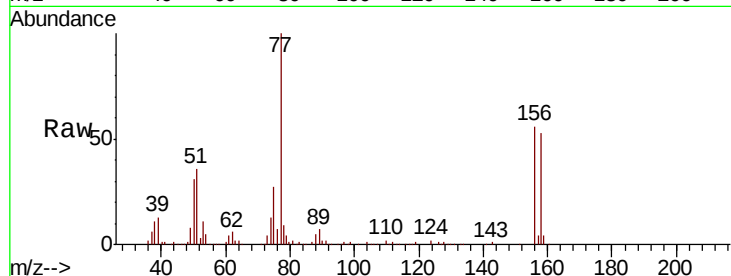
Tot Ion:156 Resp: 55542

Ion Ratio Lower Upper

156 100

77 211.9 106.5 319.4

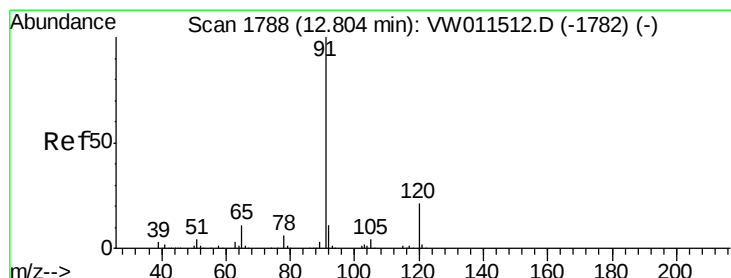
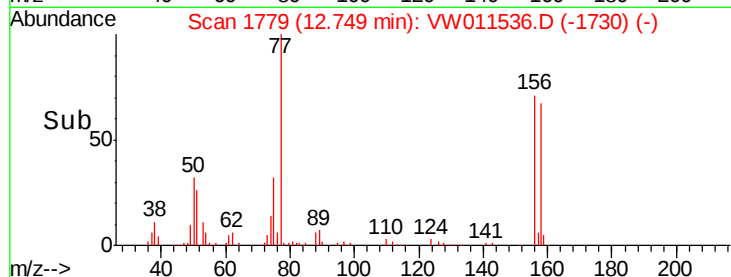
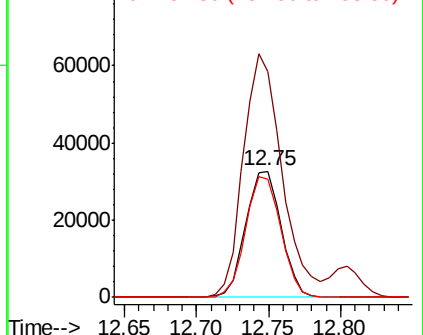
158 95.4 48.0 144.2



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: 19.912 ug/l

RT: 12.80 min Scan# 1788

Delta R.T. -0.00 min

Lab File: VW011536.D

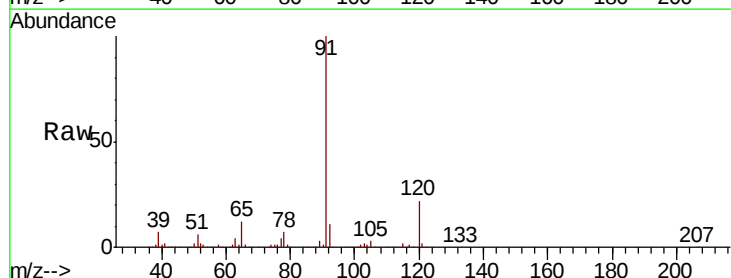
Acq: 27 Jul 2019 00:00

Tgt Ion: 91 Resp: 293101

Ion Ratio Lower Upper

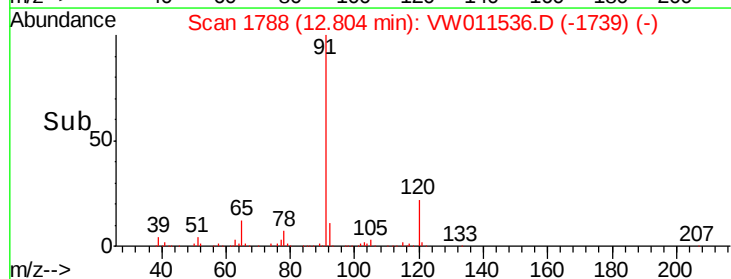
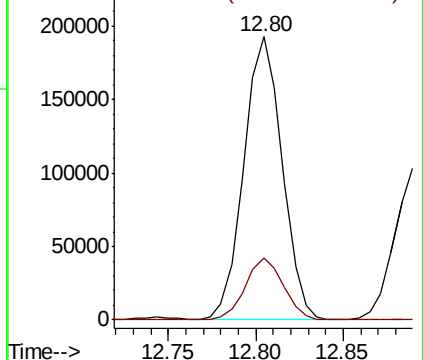
91 100

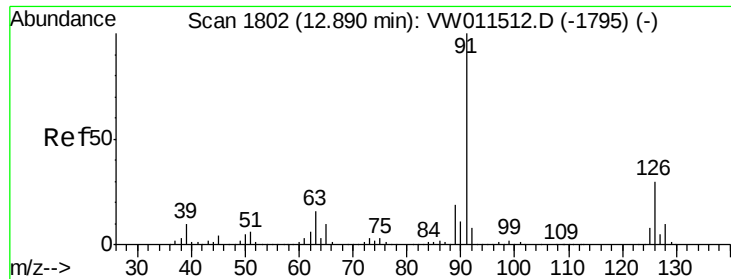
120 21.7 10.9 32.7



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 120.00 (119.70 to 120.70): V

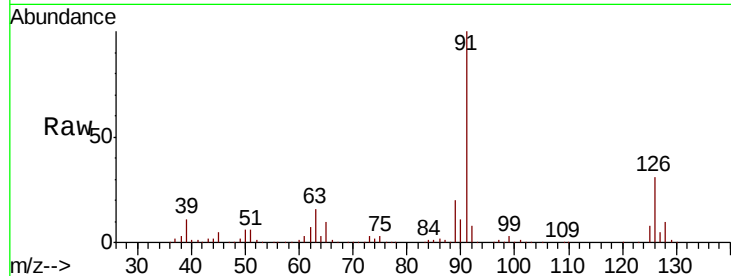




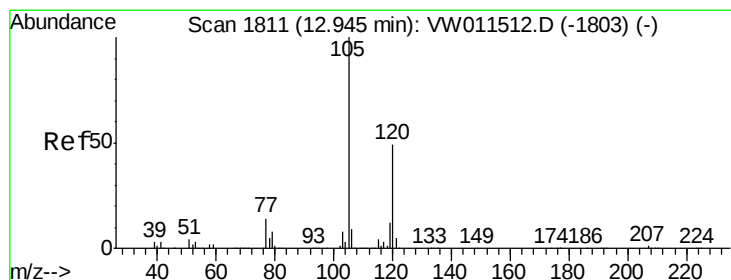
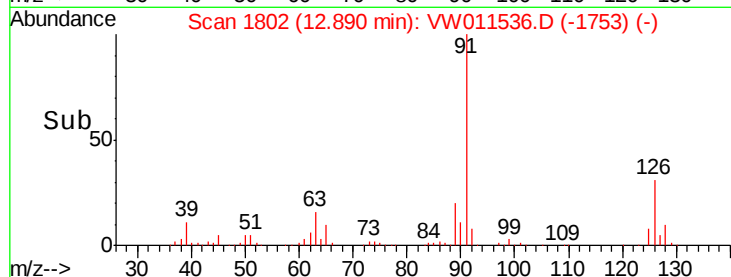
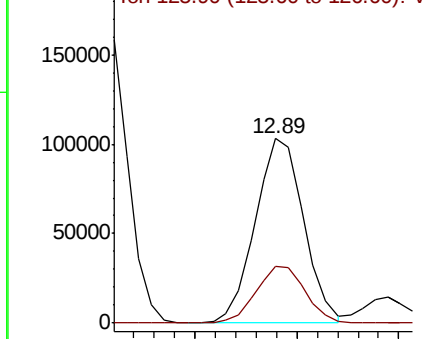
#79
 2-Chlorotoluene
 Concen: 20.078 ug/l
 RT: 12.89 min Scan# 1802
 Delta R.T. -0.00 min
 Lab File: VW011536.D
 Acq: 27 Jul 2019 00:00

Instrument :
 MSVOA_W
 ClientSampled :
 TP-2-B

Tot Ion: 91 Resp: 170259
 Ion Ratio Lower Upper
 91 100
 126 31.6 15.7 47.1

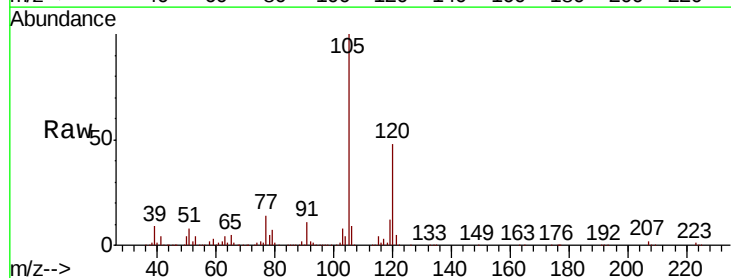


Abundance Ion 91.00 (90.70 to 91.70): VW
 Ion 125.90 (125.60 to 126.60): V

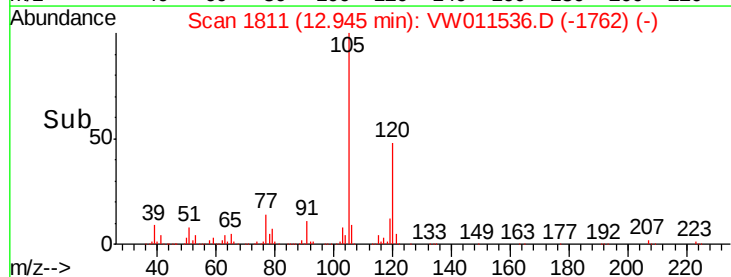
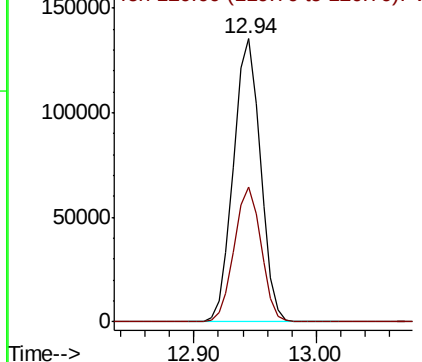


#80
 1,3,5-Trimethylbenzene
 Concen: 20.370 ug/l
 RT: 12.94 min Scan# 1811
 Delta R.T. -0.00 min
 Lab File: VW011536.D
 Acq: 27 Jul 2019 00:00

Tgt Ion:105 Resp: 206524
 Ion Ratio Lower Upper
 105 100
 120 47.8 24.1 72.3



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

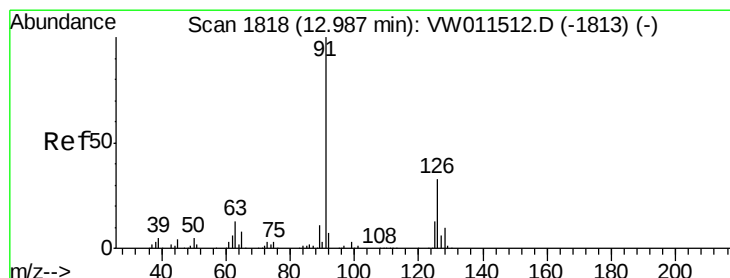
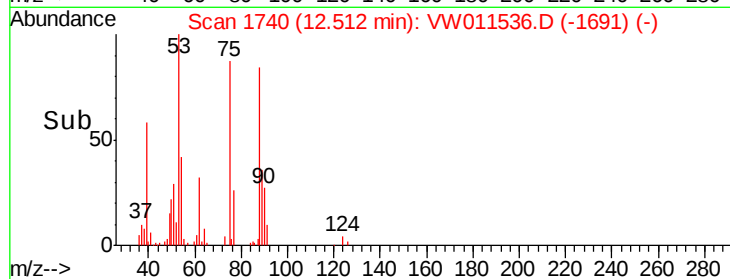
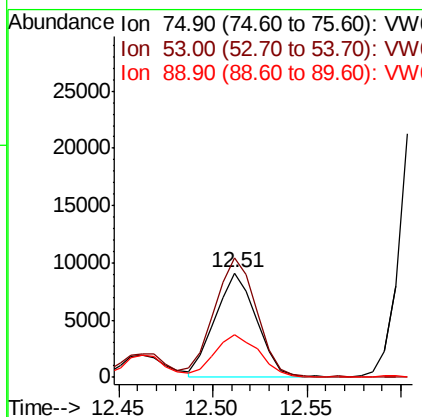
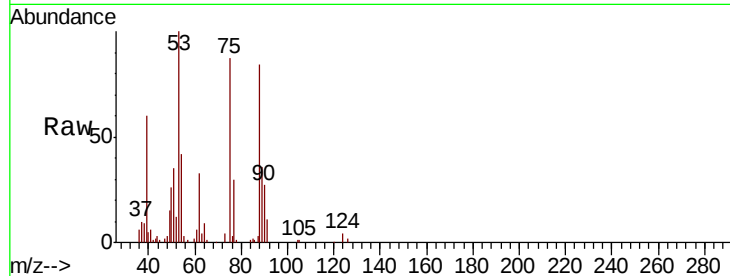




#81
trans-1,4-Dichloro-2-butene
Concen: 18.292 ug/l
RT: 12.51 min Scan# 1740
Delta R.T. -0.00 min
Lab File: VW011536.D
Acq: 27 Jul 2019 00:00

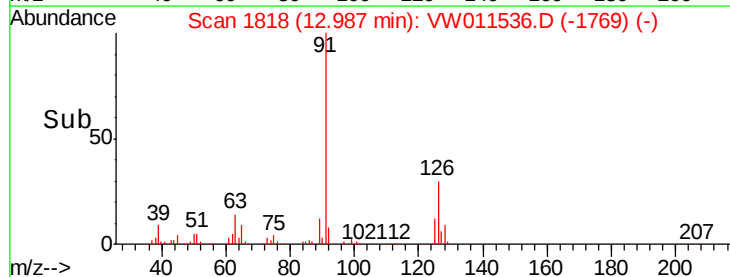
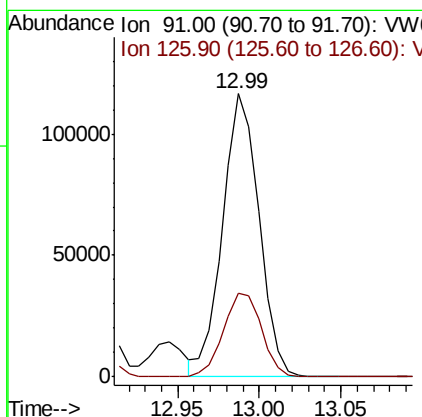
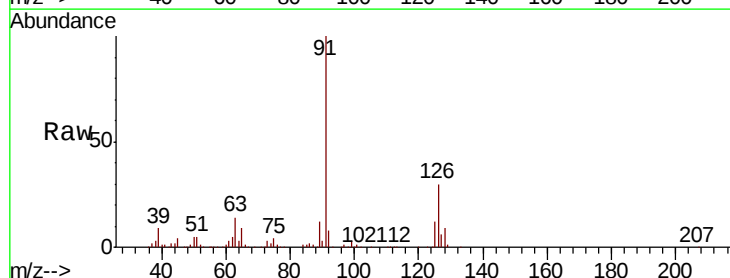
Instrument :
MSVOA_W
ClientSampled :
TP-2-B

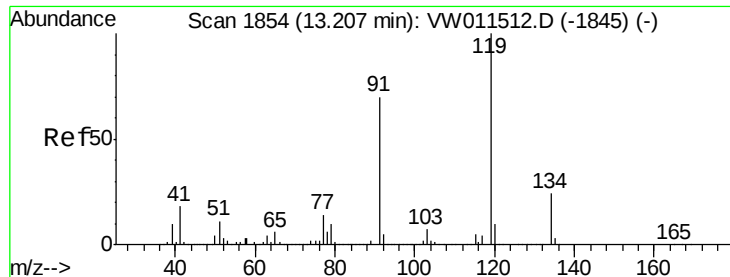
Tot Ion: 75 Resp: 13616
Ion Ratio Lower Upper
75 100
53 119.0 88.0 132.0
89 44.7 35.3 52.9



#82
4-Chlorotoluene
Concen: 20.346 ug/l
RT: 12.99 min Scan# 1818
Delta R.T. -0.00 min
Lab File: VW011536.D
Acq: 27 Jul 2019 00:00

Tgt Ion: 91 Resp: 181025
Ion Ratio Lower Upper
91 100
126 31.3 15.6 46.8





#83

tert-Butylbenzene

Concen: 19.967 ug/l

RT: 13.21 min Scan# 1854

Delta R.T. -0.00 min

Lab File: VW011536.D

Acq: 27 Jul 2019 00:00

Instrument :

MSVOA_W

ClientSampled :

TP-2-B

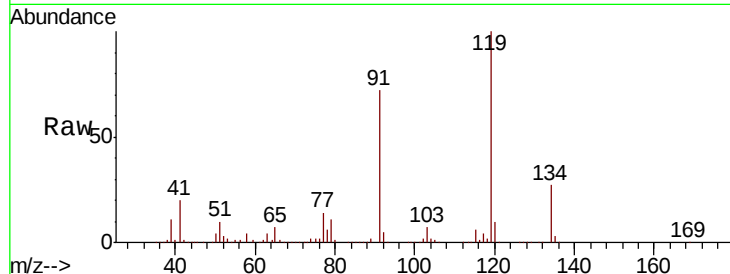
Tot Ion:119 Resp: 169287

Ion Ratio Lower Upper

119 100

91 69.0 34.5 103.6

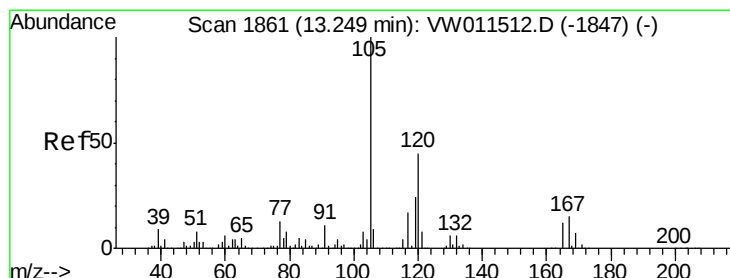
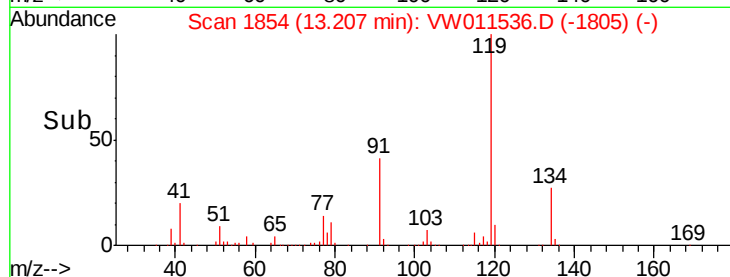
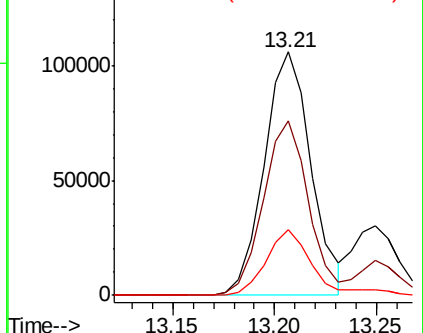
134 27.2 12.4 37.4



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): VW

Ion 134.00 (133.70 to 134.70): V



#84

1,2,4-Trimethylbenzene

Concen: 20.346 ug/l

RT: 13.25 min Scan# 1861

Delta R.T. -0.00 min

Lab File: VW011536.D

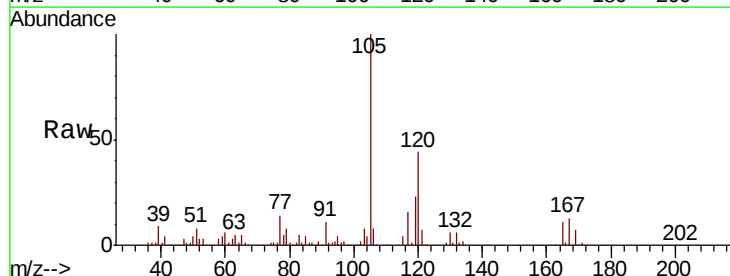
Acq: 27 Jul 2019 00:00

Tgt Ion:105 Resp: 207800

Ion Ratio Lower Upper

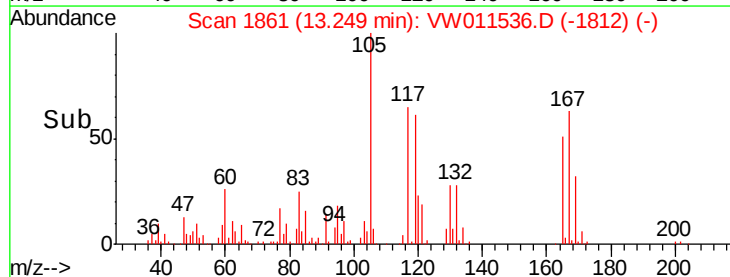
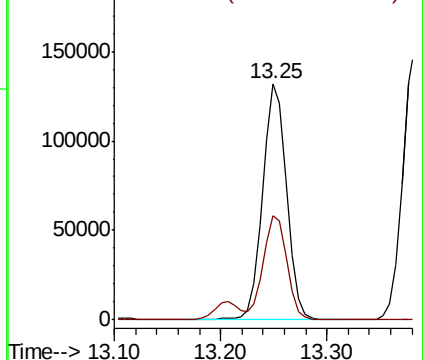
105 100

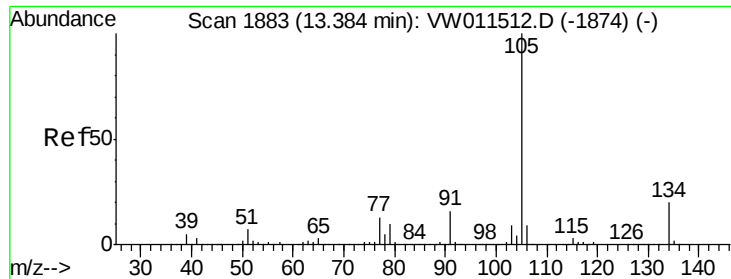
120 43.5 22.1 66.5



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

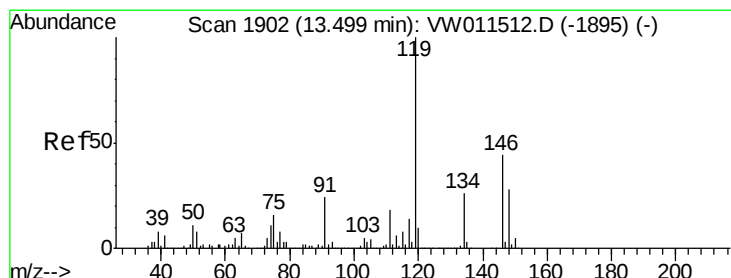
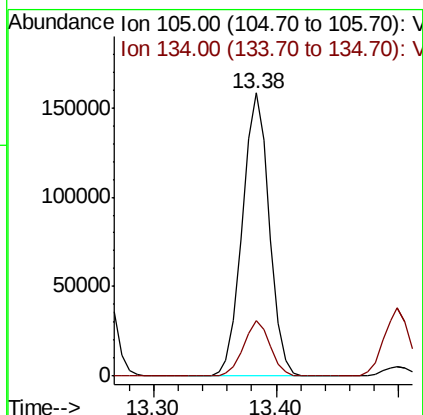
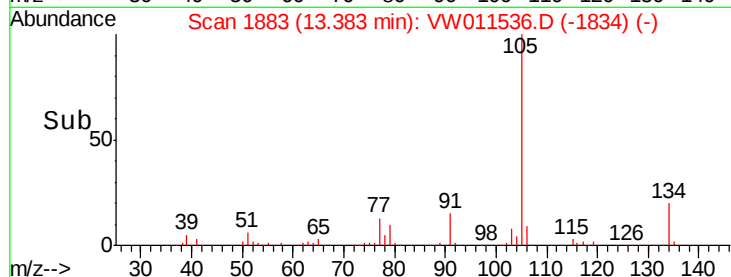
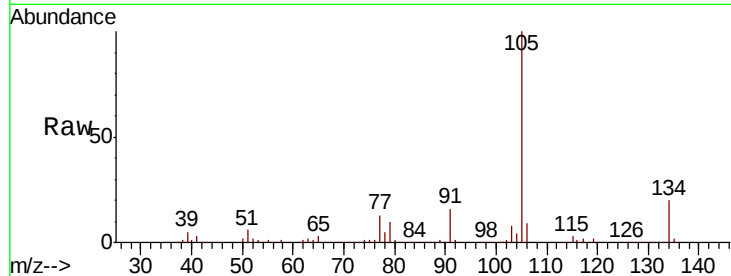




#85
 sec-Butylbenzene
 Concen: 19.936 ug/l
 RT: 13.38 min Scan# 1883
 Delta R.T. -0.00 min
 Lab File: VW011536.D
 Acq: 27 Jul 2019 00:00

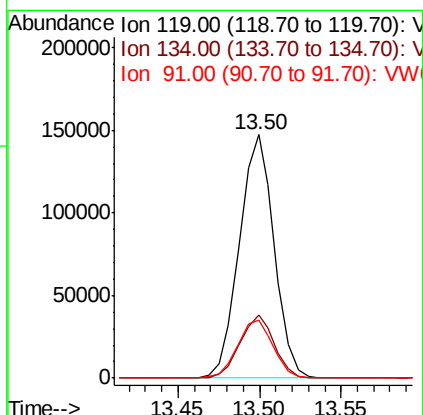
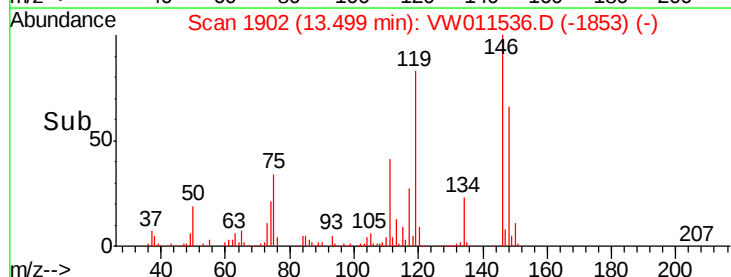
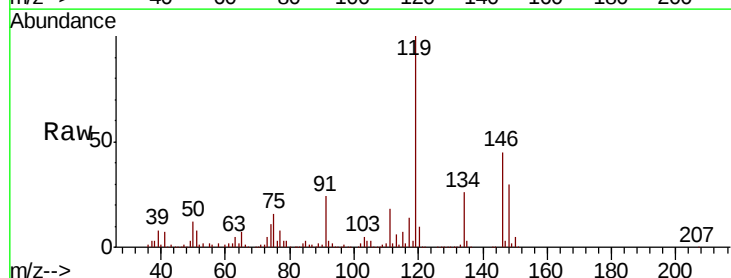
Instrument :
 MSVOA_W
 ClientSampleId :
 TP-2-B

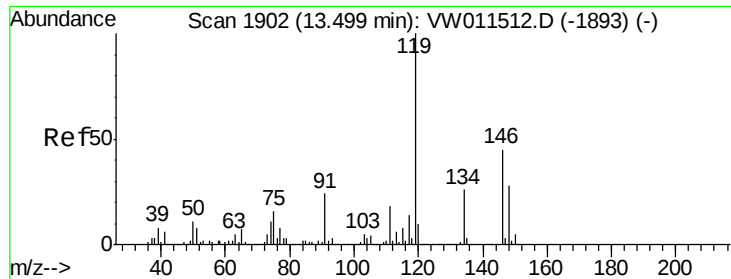
Tot Ion:105 Resp: 241184
 Ion Ratio Lower Upper
 105 100
 134 19.3 9.7 29.1



#86
 p-Isopropyltoluene
 Concen: 19.818 ug/l
 RT: 13.50 min Scan# 1902
 Delta R.T. -0.00 min
 Lab File: VW011536.D
 Acq: 27 Jul 2019 00:00

Tgt Ion:119 Resp: 217529
 Ion Ratio Lower Upper
 119 100
 134 25.6 12.8 38.4
 91 24.4 12.1 36.3

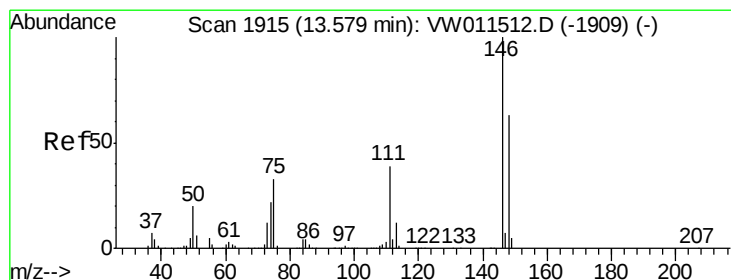
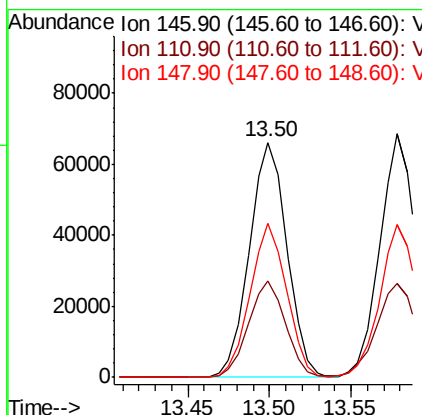
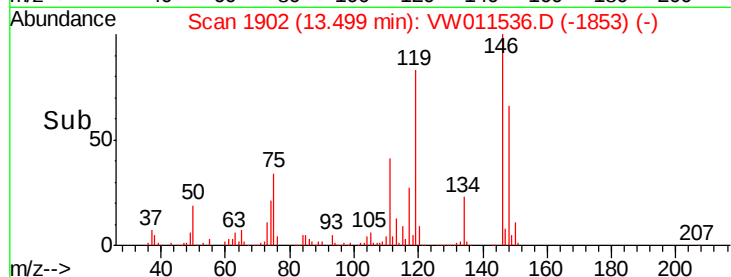
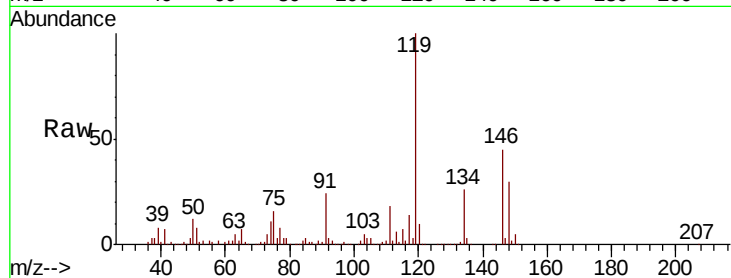




#87
 1,3-Dichlorobenzene
 Concen: 20.257 ug/l
 RT: 13.50 min Scan# 1902
 Delta R.T. -0.00 min
 Lab File: VW011536.D
 Acq: 27 Jul 2019 00:00

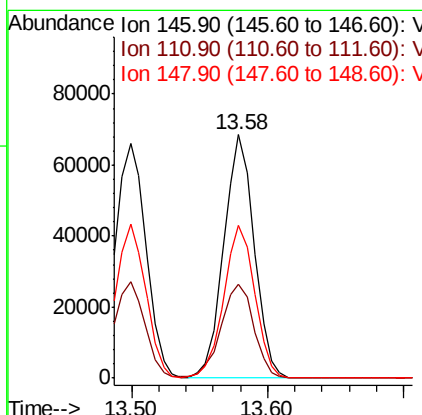
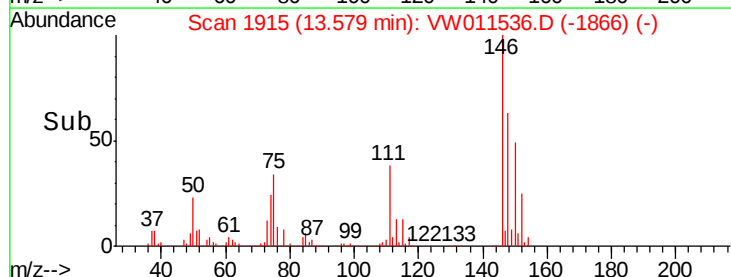
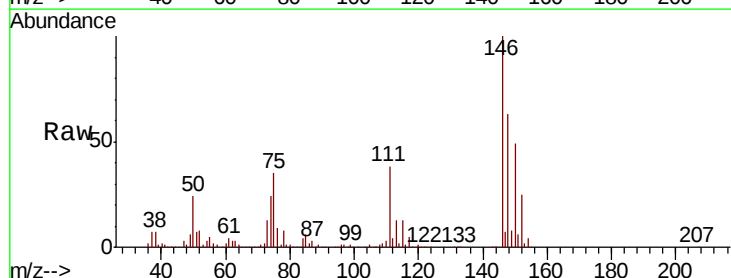
Instrument :
 MSVOA_W
 ClientSampleId :
 TP-2-B

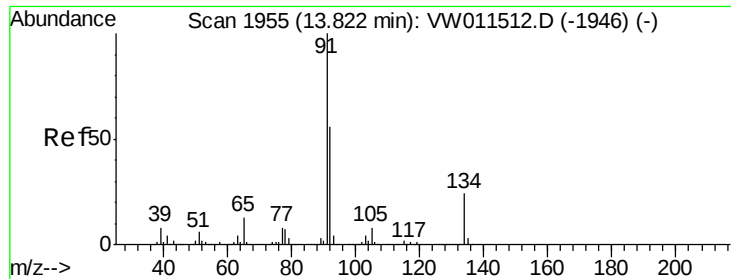
Tot Ion:146 Resp: 106185
 Ion Ratio Lower Upper
 146 100
 111 40.5 20.5 61.6
 148 63.9 31.8 95.3



#88
 1,4-Dichlorobenzene
 Concen: 20.355 ug/l
 RT: 13.58 min Scan# 1915
 Delta R.T. -0.00 min
 Lab File: VW011536.D
 Acq: 27 Jul 2019 00:00

Tgt Ion:146 Resp: 106140
 Ion Ratio Lower Upper
 146 100
 111 41.9 20.1 60.2
 148 64.3 31.9 95.9

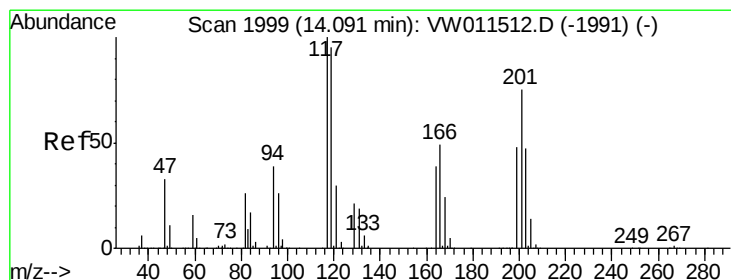
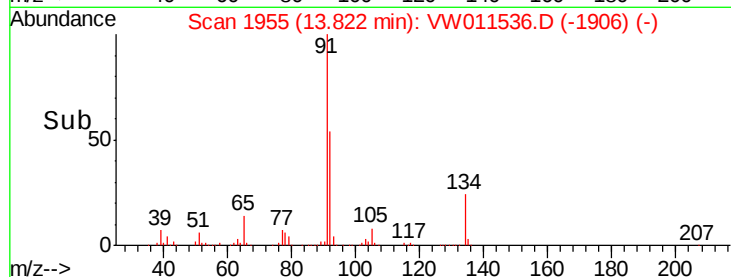
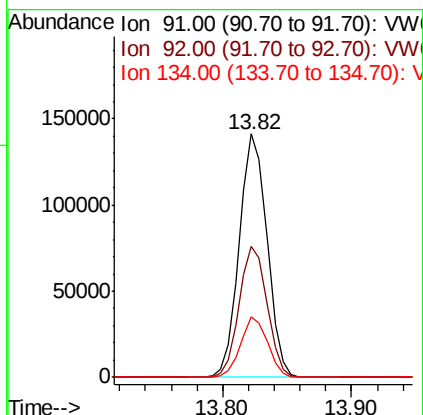
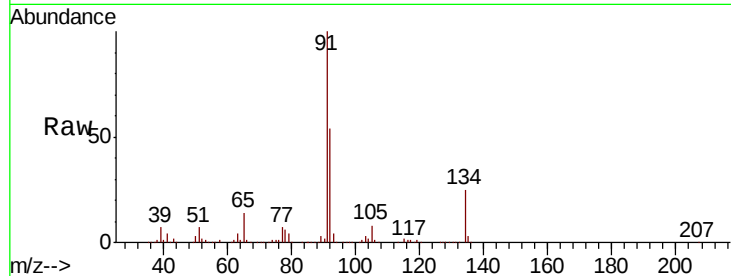




#89
n-Butylbenzene
Concen: 19.206 ug/l
RT: 13.82 min Scan# 1955
Delta R.T. -0.00 min
Lab File: VW011536.D
Acq: 27 Jul 2019 00:00

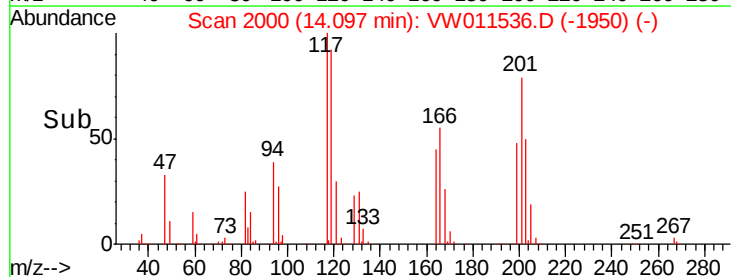
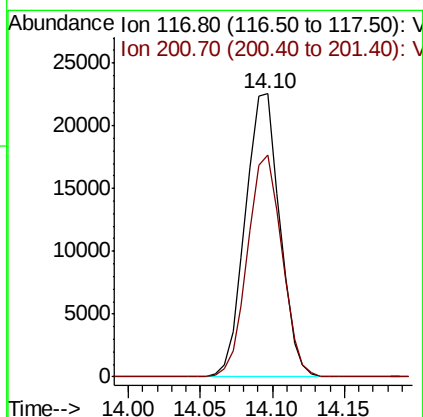
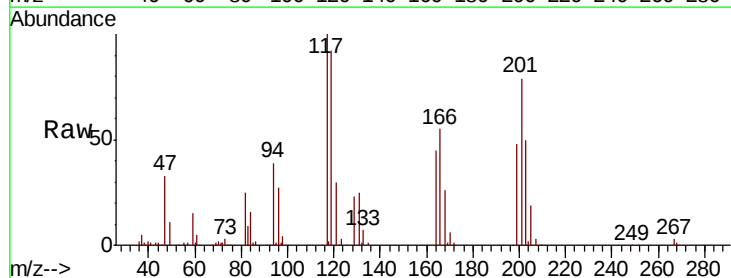
Instrument :
MSVOA_W
ClientSampleId :
TP-2-B

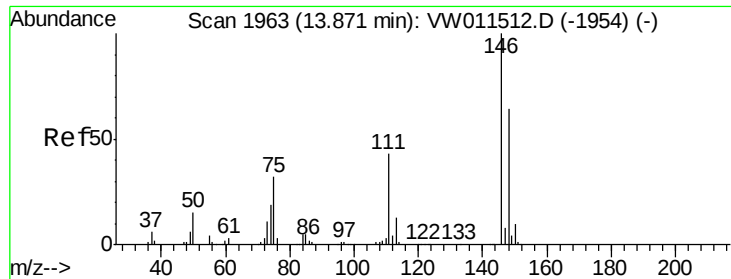
Tot Ion: 91 Resp: 210381
Ion Ratio Lower Upper
91 100
92 54.3 27.5 82.4
134 24.4 12.2 36.6



#90
Hexachloroethane
Concen: 19.304 ug/l
RT: 14.10 min Scan# 2000
Delta R.T. 0.01 min
Lab File: VW011536.D
Acq: 27 Jul 2019 00:00

Tgt Ion: 117 Resp: 37467
Ion Ratio Lower Upper
117 100
201 78.2 39.4 118.2





#91

1,2-Dichlorobenzene

Concen: 20.574 ug/l

RT: 13.87 min Scan# 1963

Delta R.T. -0.00 min

Lab File: VW011536.D

Acq: 27 Jul 2019 00:00

Instrument :

MSVOA_W

ClientSampleId :

TP-2-B

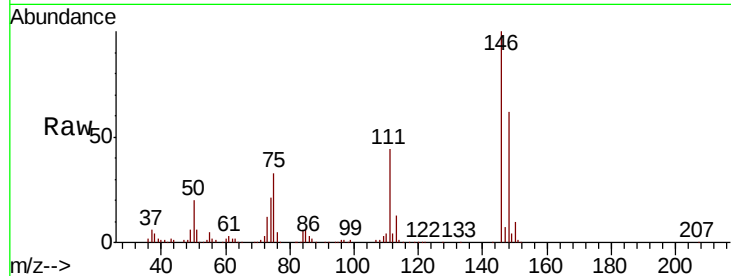
Tot Ion:146 Resp: 95386

Ion Ratio Lower Upper

146 100

111 42.6 21.6 65.0

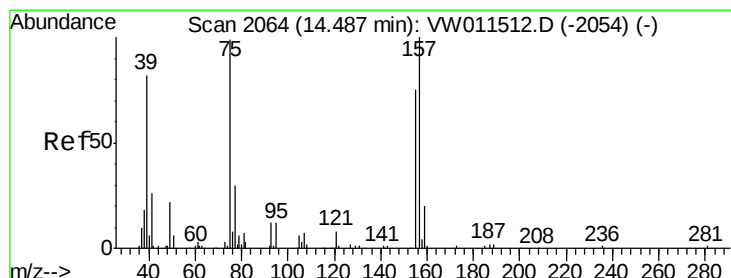
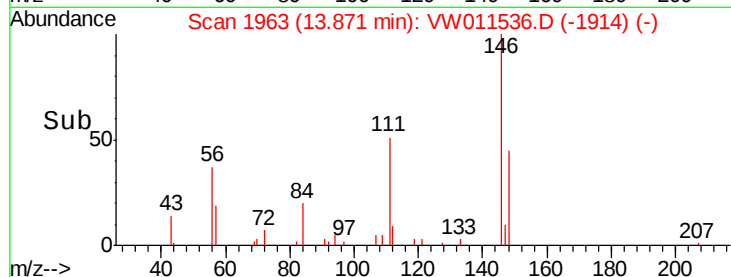
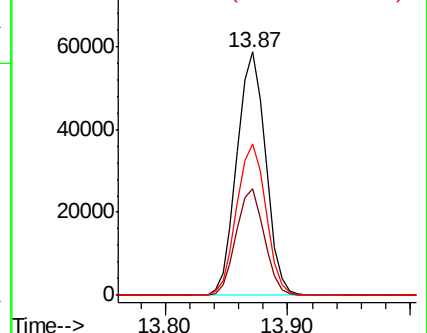
148 63.3 32.0 96.2



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 20.902 ug/l

RT: 14.48 min Scan# 2063

Delta R.T. -0.01 min

Lab File: VW011536.D

Acq: 27 Jul 2019 00:00

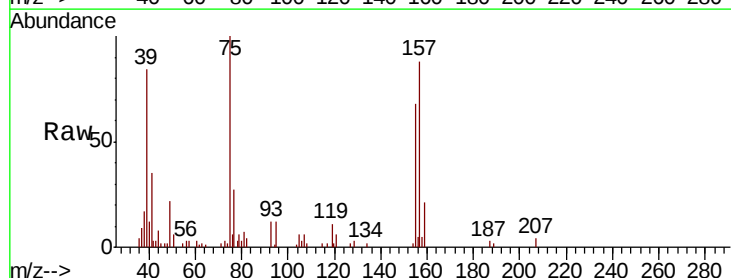
Tgt Ion: 75 Resp: 8109

Ion Ratio Lower Upper

75 100

155 73.3 38.2 114.6

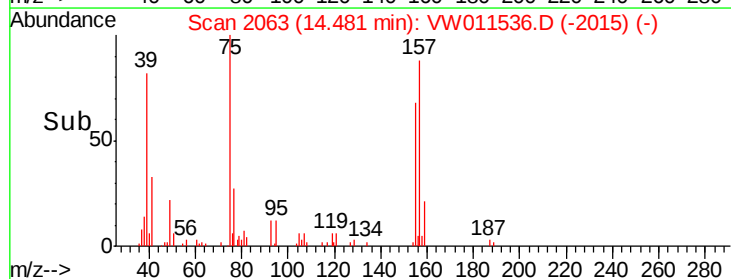
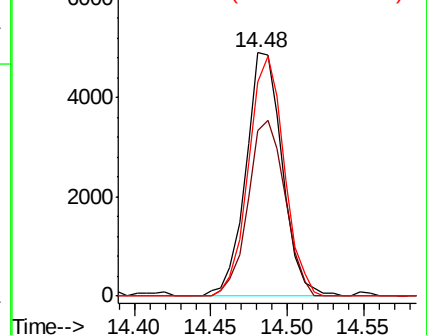
157 96.5 48.9 146.7

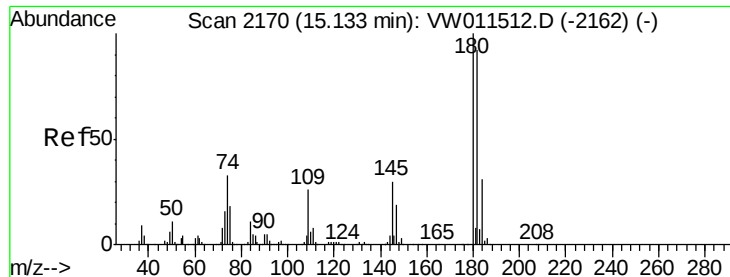


Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

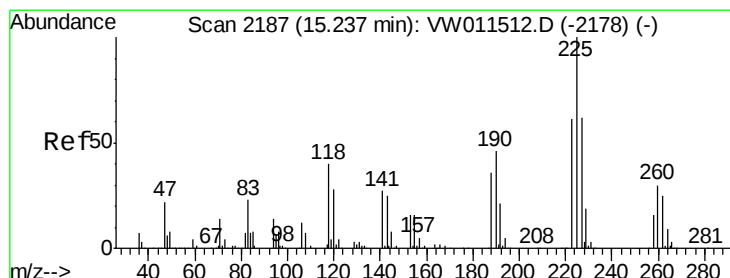
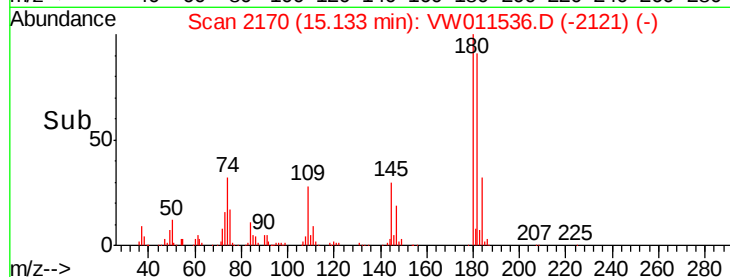
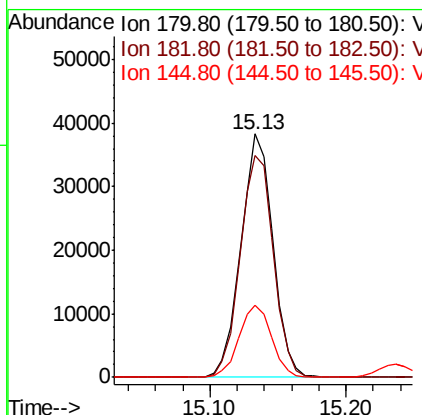
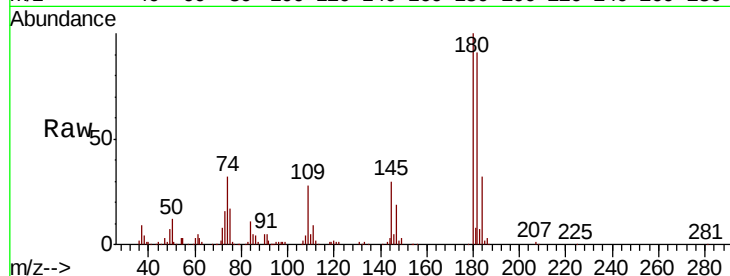




#93
 1,2,4-Trichlorobenzene
 Concen: 19.256 ug/l
 RT: 15.13 min Scan# 2170
 Delta R.T. -0.00 min
 Lab File: VW011536.D
 Acq: 27 Jul 2019 00:00

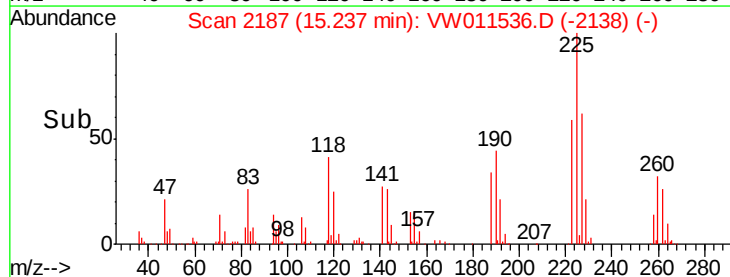
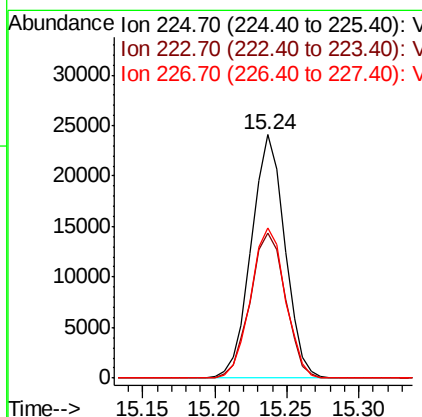
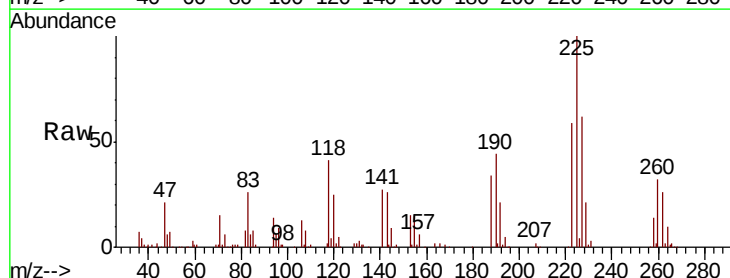
Instrument :
 MSVOA_W
 ClientSampleId :
 TP-2-B

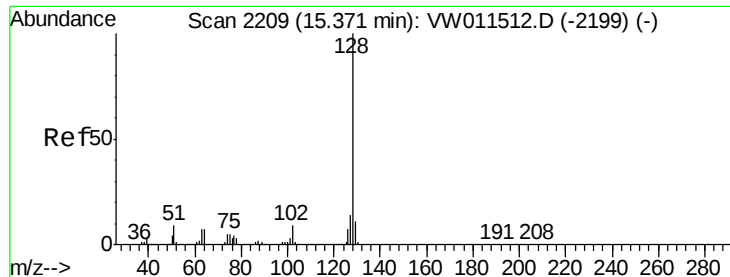
Tot Ion:180 Resp: 62919
 Ion Ratio Lower Upper
 180 100
 182 94.7 47.4 142.2
 145 30.2 15.4 46.1



#94
 Hexachlorobutadiene
 Concen: 19.018 ug/l
 RT: 15.24 min Scan# 2187
 Delta R.T. -0.00 min
 Lab File: VW011536.D
 Acq: 27 Jul 2019 00:00

Tgt Ion:225 Resp: 38752
 Ion Ratio Lower Upper
 225 100
 223 62.4 30.8 92.3
 227 63.6 31.6 94.7

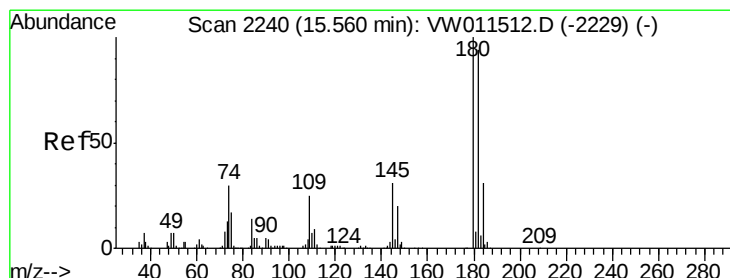
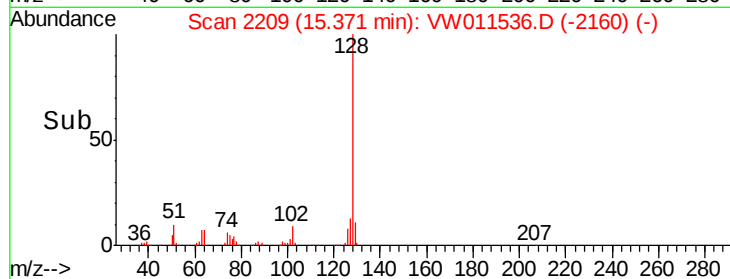
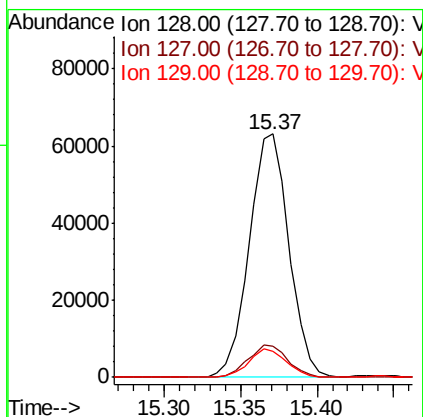
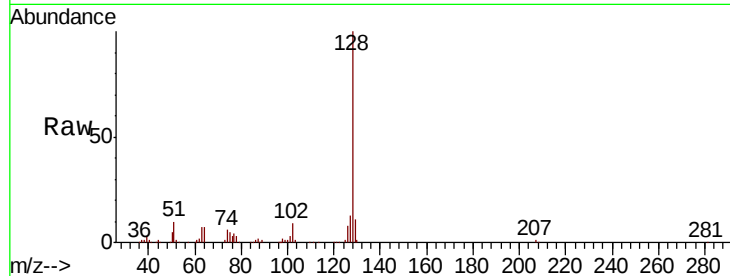




#95
Naphthalene
Concen: 19.109 ug/l
RT: 15.37 min Scan# 2209
Delta R.T. 0.00 min
Lab File: VW011536.D
Acq: 27 Jul 2019 00:00

Instrument :
MSVOA_W
ClientSampleId :
TP-2-B

Tot Ion:128 Resp: 113787
Ion Ratio Lower Upper
128 100
127 13.2 10.6 16.0
129 11.2 8.6 13.0



#96
1,2,3-Trichlorobenzene
Concen: 19.344 ug/l
RT: 15.56 min Scan# 2240
Delta R.T. -0.00 min
Lab File: VW011536.D
Acq: 27 Jul 2019 00:00

Tgt Ion:180 Resp: 55405
Ion Ratio Lower Upper
180 100
182 94.2 47.4 142.2
145 32.5 15.9 47.7

