

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW012420\
 Data File : VW014744.D
 Acq On : 24 Jan 2020 15:14
 Operator : SY/VA
 Sample : VW0124SBS01
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0124SBS01

Quant Time: Jan 25 06:08:37 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W012420S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jan 24 13:12:20 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	670544	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	1034705	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	881996	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.55	152	422411	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.30	65	344208	53.30	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.60%	
35) Dibromofluoromethane	7.88	113	310685	51.58	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.16%	
50) Toluene-d8	10.32	98	1319685	53.14	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.28%	
62) 4-Bromofluorobenzene	12.62	95	437875	52.73	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.46%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.01	85	118858	28.628	ug/l	95
3) Chloromethane	2.21	50	154555	26.152	ug/l	99
4) Vinyl Chloride	2.36	62	189277	21.085	ug/l	99
5) Bromomethane	2.77	94	111042	22.203	ug/l	95
6) Chloroethane	2.92	64	104562	21.020	ug/l	97
7) Trichlorofluoromethane	3.25	101	110494	25.639	ug/l	98
8) Diethyl Ether	3.67	74	71198	20.958	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	4.06	101	148354	21.765	ug/l	99
10) Methyl Iodide	4.27	142	193283	20.490	ug/l	99
11) Tert butyl alcohol	5.15	59	51214	110.361	ug/l	98
12) 1,1-Dichloroethene	4.04	96	147408	21.316	ug/l	96
13) Acrolein	3.89	56	53795	104.043	ug/l	97
14) Allyl chloride	4.66	41	248979	21.921	ug/l	99
15) Acrylonitrile	5.35	53	173045	107.325	ug/l	100
16) Acetone	4.11	43	172447	106.246	ug/l	97
17) Carbon Disulfide	4.37	76	470054	21.319	ug/l	98
18) Methyl Acetate	4.66	43	78917	21.719	ug/l	99
19) Methyl tert-butyl Ether	5.42	73	190422	22.001	ug/l	99
20) Methylene Chloride	4.91	84	164437	21.138	ug/l	99
21) trans-1,2-Dichloroethene	5.42	96	160868	21.938	ug/l	98
22) Diisopropyl ether	6.31	45	463350	22.213	ug/l	98
23) Vinyl Acetate	6.24	43	1359779	109.956	ug/l	100
24) 1,1-Dichloroethane	6.21	63	283664	21.656	ug/l	98
25) 2-Butanone	7.16	43	225863	105.727	ug/l	99
26) 2,2-Dichloropropane	7.16	77	162495	22.261	ug/l	99
27) cis-1,2-Dichloroethene	7.16	96	163472	21.780	ug/l	98
28) Bromochloromethane	7.51	49	91481	18.105	ug/l	97
29) Tetrahydrofuran	7.52	42	144178	106.692	ug/l	99
30) Chloroform	7.66	83	257028	21.250	ug/l	99
31) Cyclohexane	7.95	56	294497	21.911	ug/l	95
32) 1,1,1-Trichloroethane	7.87	97	214948	21.887	ug/l	100
36) 1,1-Dichloropropene	8.07	75	228097	21.739	ug/l	99
37) Ethyl Acetate	7.24	43	102255	21.926	ug/l	99
38) Carbon Tetrachloride	8.06	117	196089	21.458	ug/l	99

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 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 11 Sample Multiplier: 1

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 VW0124SBS01

Quant Time: Jan 25 06:08:37 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W012420S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jan 24 13:12:20 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.33	83	279260	22.118	ug/l	99
40) Benzene	8.32	78	629259	21.476	ug/l	100
41) Methacrylonitrile	7.48	41	63943	25.058	ug/l	90
42) 1,2-Dichloroethane	8.40	62	167687	21.297	ug/l	99
43) Isopropyl Acetate	8.42	43	180838	21.419	ug/l	100
44) Trichloroethene	9.09	130	161230	21.564	ug/l	97
45) 1,2-Dichloropropane	9.37	63	157209	21.627	ug/l	99
46) Dibromomethane	9.45	93	72557	21.061	ug/l	98
47) Bromodichloromethane	9.64	83	184275	20.904	ug/l	99
48) Methyl methacrylate	9.43	41	89619	22.521	ug/l	91
49) 1,4-Dioxane	9.44	88	23539	377.241	ug/l	93
51) 4-Methyl-2-Pentanone	10.21	43	467135	106.263	ug/l	100
52) Toluene	10.38	92	390167	21.811	ug/l	100
53) t-1,3-Dichloropropene	10.60	75	184164	20.983	ug/l	100
54) cis-1,3-Dichloropropene	10.07	75	226853	21.100	ug/l	100
55) 1,1,2-Trichloroethane	10.78	97	102467	20.781	ug/l	96
56) Ethyl methacrylate	10.64	69	133344	20.984	ug/l	99
57) 1,3-Dichloropropane	10.93	76	189288	21.412	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.92	63	193748	94.829	ug/l	99
59) 2-Hexanone	10.96	43	318952	107.670	ug/l	99
60) Dibromochloromethane	11.12	129	115187	20.903	ug/l	96
61) 1,2-Dibromoethane	11.23	107	96630	20.948	ug/l	98
64) Tetrachloroethene	10.86	164	130785	21.412	ug/l	97
65) Chlorobenzene	11.65	112	384621	21.553	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.73	131	129385	21.408	ug/l	99
67) Ethyl Benzene	11.73	91	720926	22.175	ug/l	98
68) m/p-Xylenes	11.83	106	545862	44.416	ug/l	100
69) o-Xylene	12.16	106	244187	22.016	ug/l	99
70) Styrene	12.18	104	418008	21.925	ug/l	100
71) Bromoform	12.35	173	64566	20.852	ug/l	98
73) Isopropylbenzene	12.46	105	686225	22.894	ug/l	98
74) N-amyl acetate	12.27	43	157568	22.072	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.71	83	120324	21.993	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	154239	36.777	ug/l #	1
77) Bromobenzene	12.74	156	150194	21.792	ug/l	95
78) n-propylbenzene	12.80	91	834515	22.855	ug/l	100
79) 2-Chlorotoluene	12.89	91	462447	22.367	ug/l	99
80) 1,3,5-Trimethylbenzene	12.94	105	576334	22.604	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.51	75	37499	21.161	ug/l	94
82) 4-Chlorotoluene	12.99	91	483699	22.373	ug/l	100
83) tert-Butylbenzene	13.21	119	501311	22.724	ug/l	100
84) 1,2,4-Trimethylbenzene	13.25	105	574298	22.539	ug/l	99
85) sec-Butylbenzene	13.38	105	706305	22.737	ug/l	100
86) p-Isopropyltoluene	13.49	119	637501	22.654	ug/l	100
87) 1,3-Dichlorobenzene	13.49	146	300353	21.959	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	296586	21.999	ug/l	99
89) n-Butylbenzene	13.82	91	608722	22.678	ug/l	99
90) Hexachloroethane	14.09	117	107652	21.560	ug/l	98
91) 1,2-Dichlorobenzene	13.86	146	266679	22.229	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.48	75	19149	21.601	ug/l	94

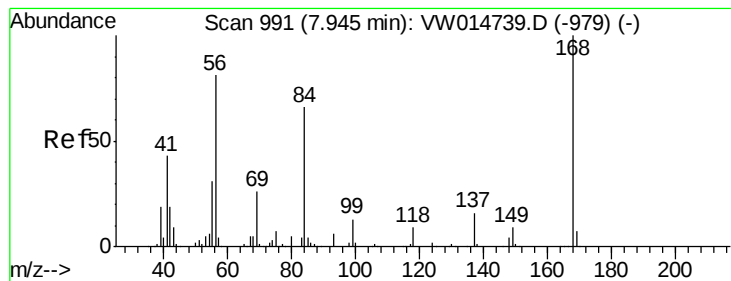
Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW012420\
Data File : VW014744.D
Acq On : 24 Jan 2020 15:14
Operator : SY/VA
Sample : VW0124SBS01
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Quant Title : SW846 8260
QLast Update : Fri Jan 24 13:12:20 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.13	180	169174	22.182	ug/l	97
94) Hexachlorobutadiene	15.24	225	116972	22.481	ug/l	98
95) Naphthalene	15.36	128	273091	19.894	ug/l	99
96) 1,2,3-Trichlorobenzene	15.55	180	145572	22.297	ug/l	98

(#) = 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: VW014744.D

Acq: 24 Jan 2020 15:14

Instrument :

MSVOA_W

ClientSampleId :

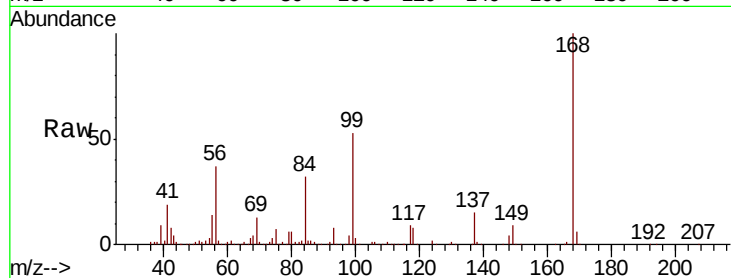
VW0124SBS01

Tot Ion:168 Resp: 670544

Ion Ratio Lower Upper

168 100

99 52.9 42.6 64.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

300000

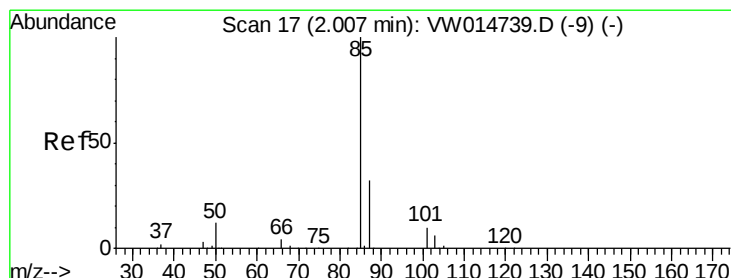
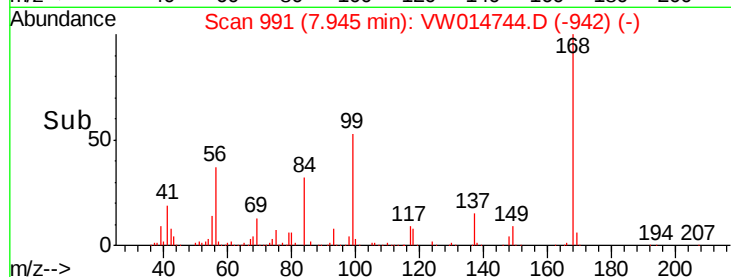
200000

100000

0

7.85 7.90 7.95 8.00 8.05

Time-->



#2

Dichlorodifluoromethane

Concen: 28.628 ug/l

RT: 2.01 min Scan# 17

Delta R.T. -0.00 min

Lab File: VW014744.D

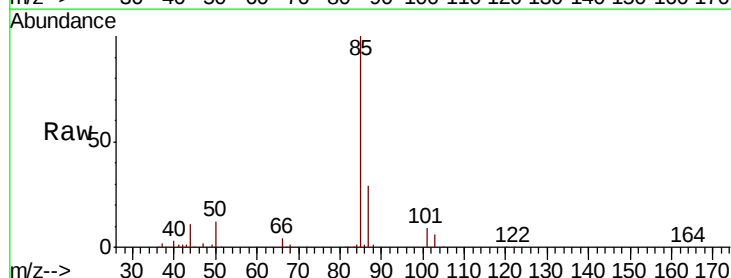
Acq: 24 Jan 2020 15:14

Tgt Ion: 85 Resp: 118858

Ion Ratio Lower Upper

85 100

87 28.8 16.0 47.9



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW

2.01

50000

40000

30000

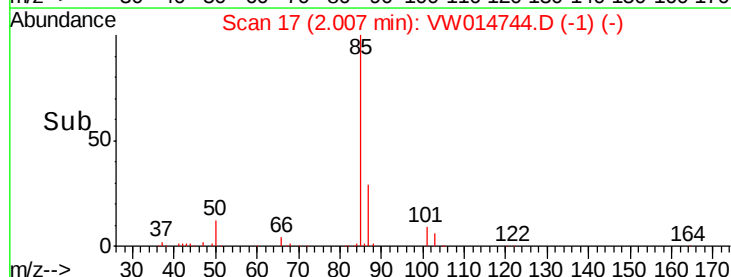
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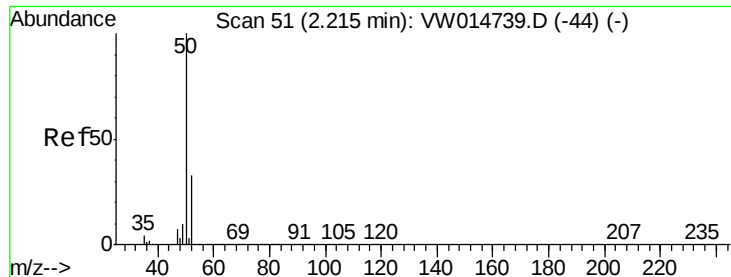
10000

0

1.90 2.00 2.10 2.20

Time-->





#3

Chloromethane

Concen: 26.152 ug/l

RT: 2.21 min Scan# 50

Delta R.T. -0.01 min

Lab File: VW014744.D

Acq: 24 Jan 2020 15:14

Instrument :

MSVOA_W

ClientSampled :

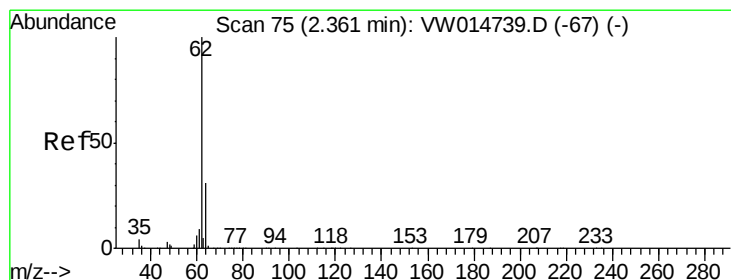
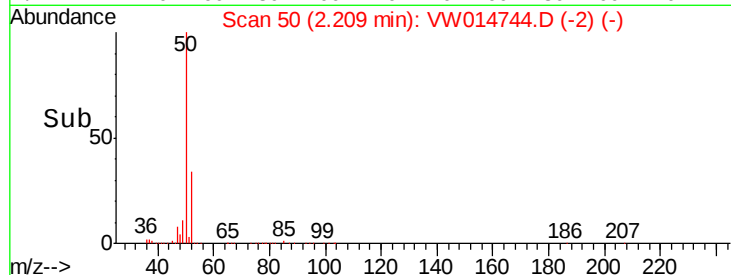
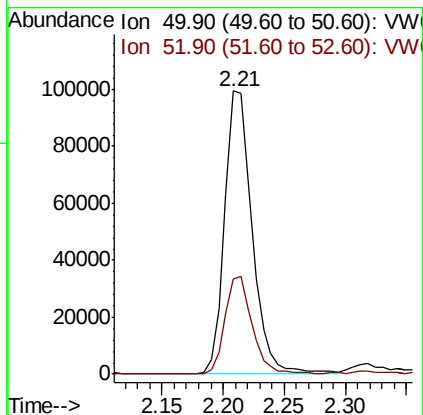
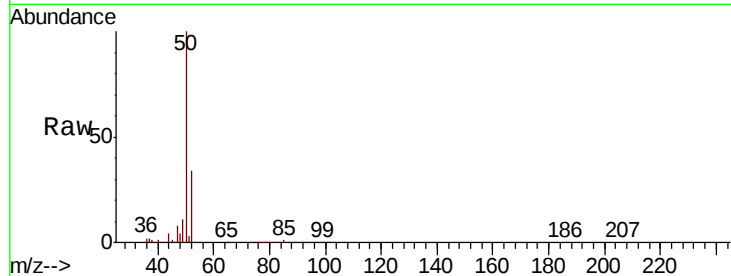
VW0124SBS01

Tot Ion: 50 Resp: 154555

Ion Ratio Lower Upper

50 100

52 33.9 26.7 40.1



#4

Vinyl Chloride

Concen: 21.085 ug/l

RT: 2.36 min Scan# 75

Delta R.T. -0.00 min

Lab File: VW014744.D

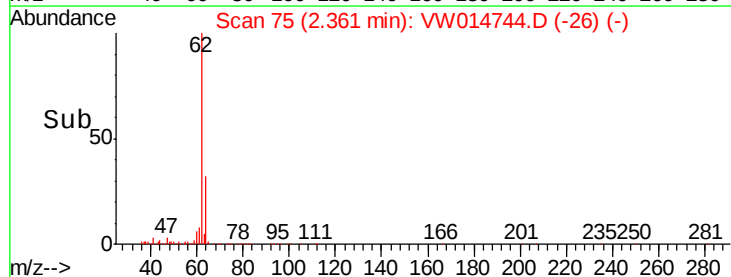
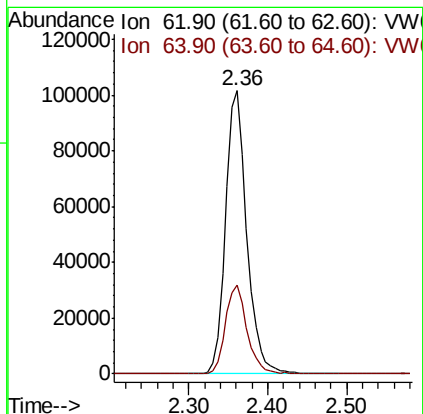
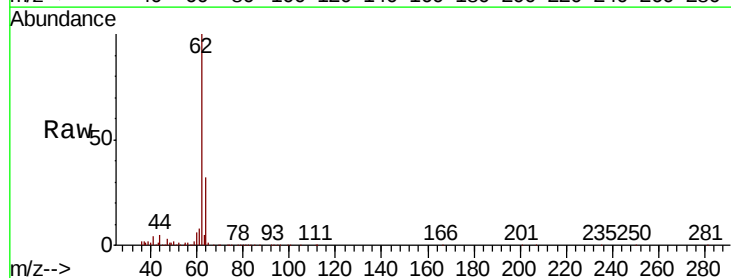
Acq: 24 Jan 2020 15:14

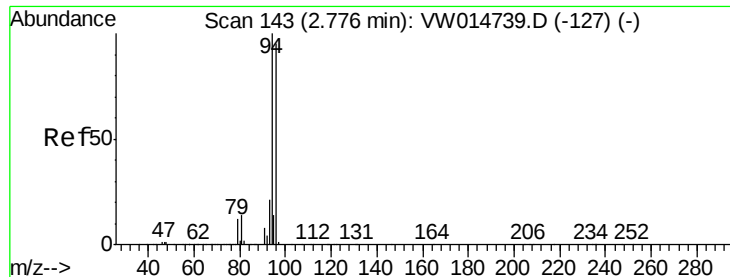
Tgt Ion: 62 Resp: 189277

Ion Ratio Lower Upper

62 100

64 31.5 24.7 37.1





#5

Bromomethane

Concen: 22.203 ug/l

RT: 2.77 min Scan# 142

Delta R.T. -0.01 min

Lab File: VW014744.D

Acq: 24 Jan 2020 15:14

Instrument :

MSVOA_W

ClientSampleId :

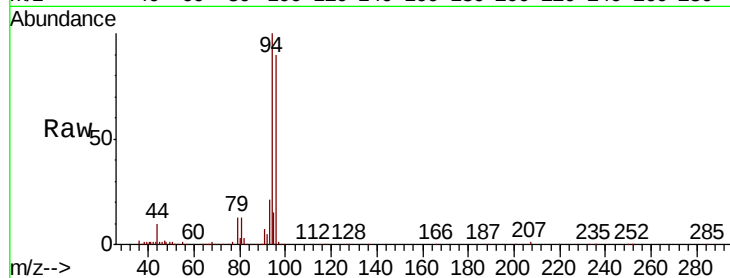
VW0124SBS01

Tot Ion: 94 Resp: 111042

Ion Ratio Lower Upper

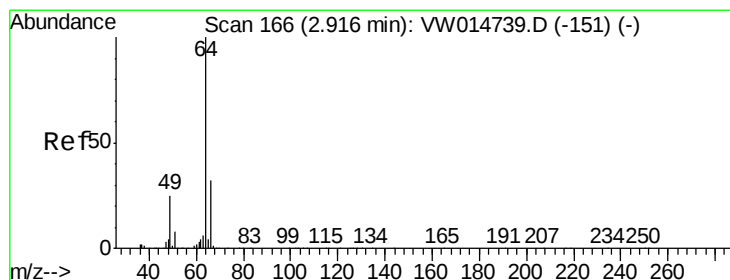
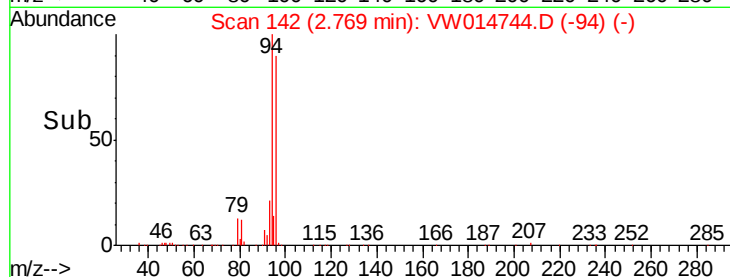
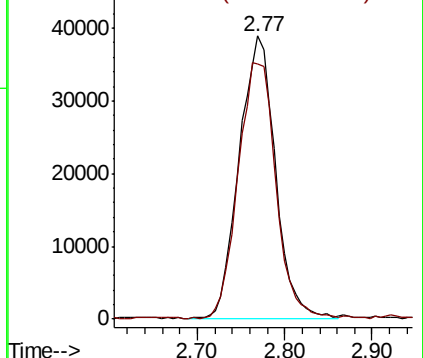
94 100

96 90.1 76.2 114.4



Abundance Ion 93.90 (93.60 to 94.60): VW

Ion 95.90 (95.60 to 96.60): VW



#6

Chloroethane

Concen: 21.020 ug/l

RT: 2.92 min Scan# 166

Delta R.T. -0.00 min

Lab File: VW014744.D

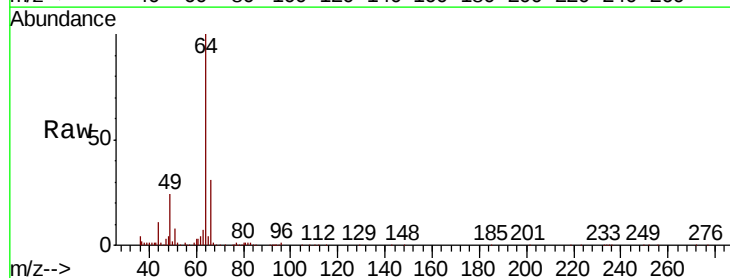
Acq: 24 Jan 2020 15:14

Tgt Ion: 64 Resp: 104562

Ion Ratio Lower Upper

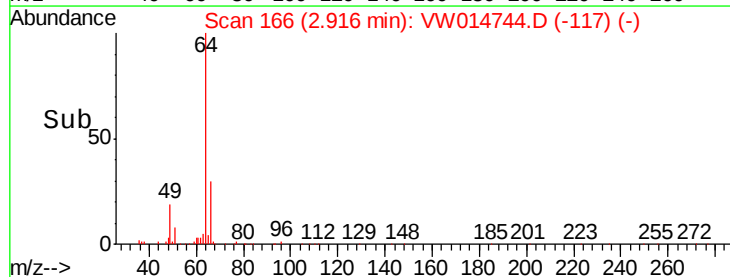
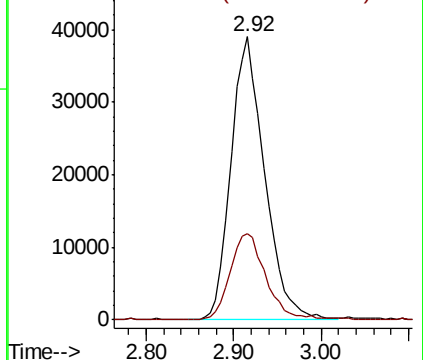
64 100

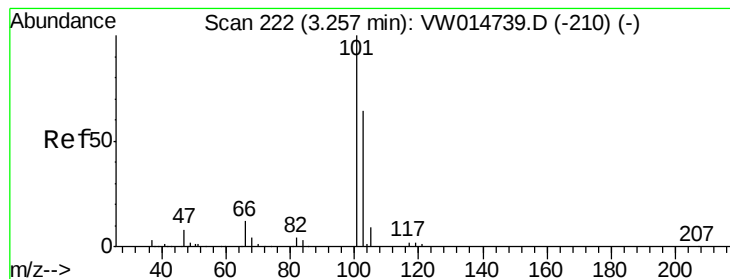
66 30.3 25.5 38.3



Abundance Ion 63.90 (63.60 to 64.60): VW

Ion 65.90 (65.60 to 66.60): VW



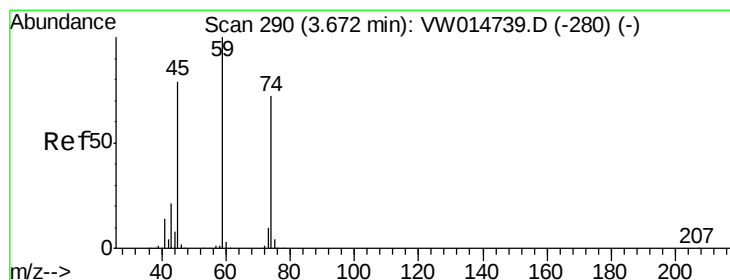
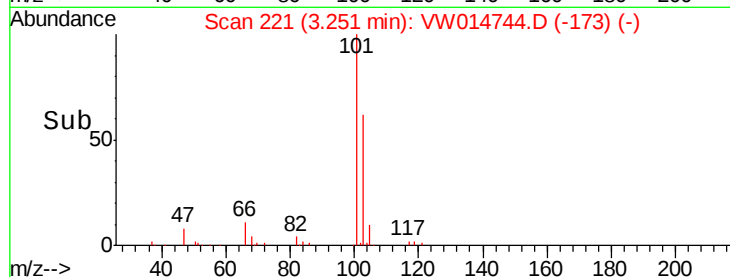
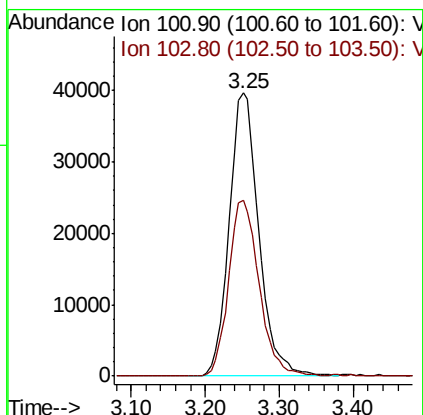
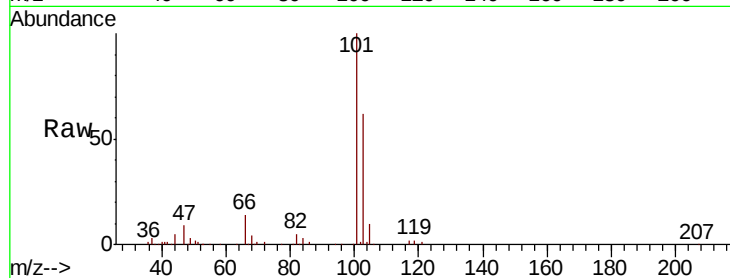


#7

Trichlorofluoromethane
 Concen: 25.639 ug/l
 RT: 3.25 min Scan# 221
 Delta R.T. -0.01 min
 Lab File: VW014744.D
 Acq: 24 Jan 2020 15:14

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0124SBS01

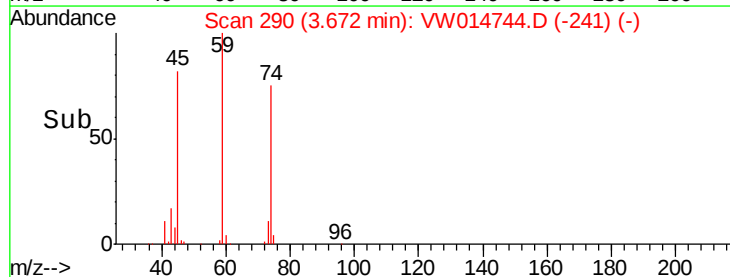
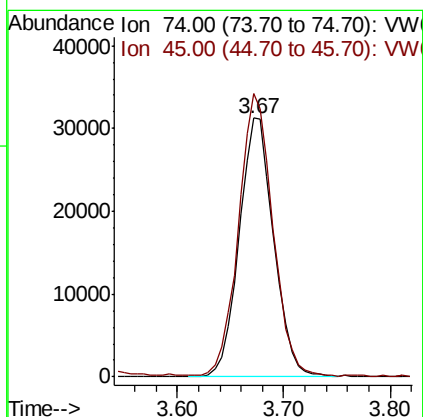
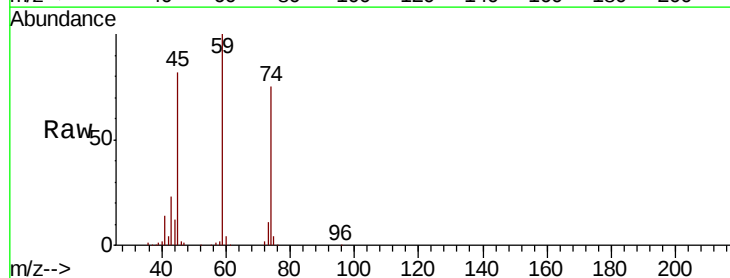
Tot Ion:101 Resp: 110494
 Ion Ratio Lower Upper
 101 100
 103 62.0 50.8 76.2

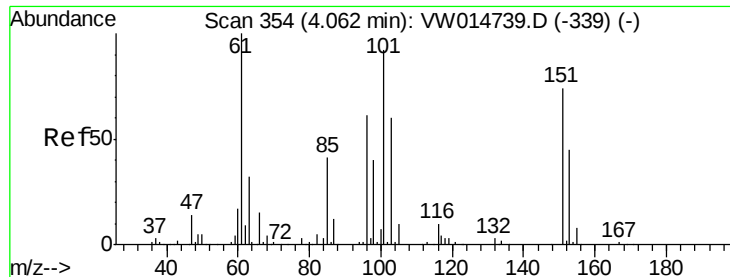


#8

Diethyl Ether
 Concen: 20.958 ug/l
 RT: 3.67 min Scan# 290
 Delta R.T. -0.00 min
 Lab File: VW014744.D
 Acq: 24 Jan 2020 15:14

Tgt Ion: 74 Resp: 71198
 Ion Ratio Lower Upper
 74 100
 45 107.9 52.7 158.1





#9

1,1,2-Trichlorotrifluoroethane

Concen: 21.765 ug/l

RT: 4.06 min Scan# 353

Delta R.T. -0.01 min

Lab File: VW014744.D

Acq: 24 Jan 2020 15:14

Instrument :

MSVOA_W

ClientSampleId :

VW0124SBS01

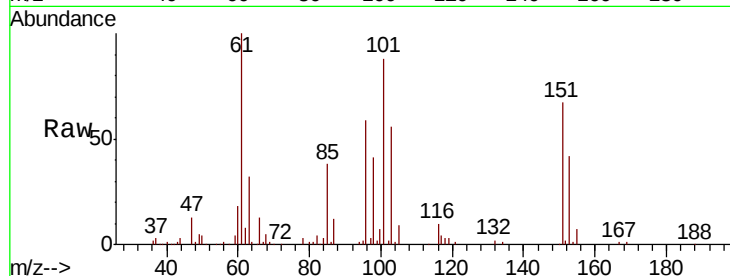
Tot Ion:101 Resp: 148354

Ion Ratio Lower Upper

101 100

85 42.5 34.4 51.6

151 76.4 61.5 92.3

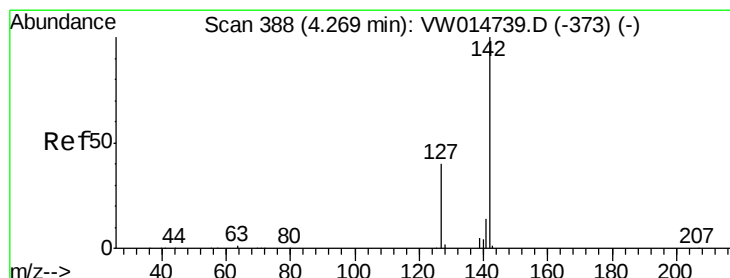
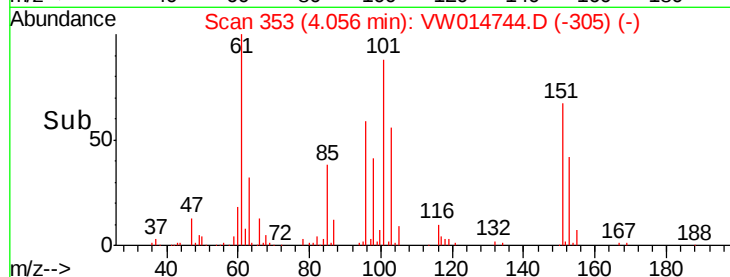
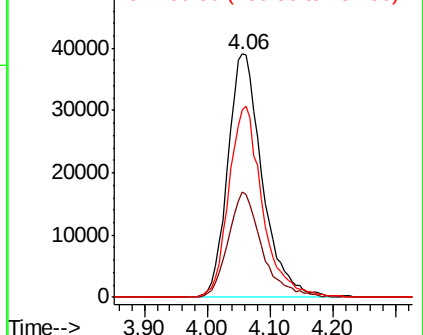


Abundance

Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VW

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 20.490 ug/l

RT: 4.27 min Scan# 388

Delta R.T. -0.00 min

Lab File: VW014744.D

Acq: 24 Jan 2020 15:14

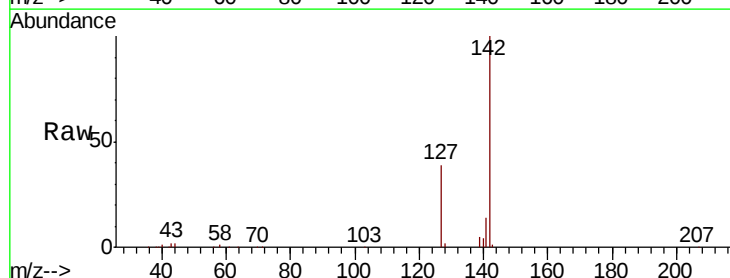
Tgt Ion:142 Resp: 193283

Ion Ratio Lower Upper

142 100

127 42.1 33.2 49.8

141 14.0 11.8 17.6

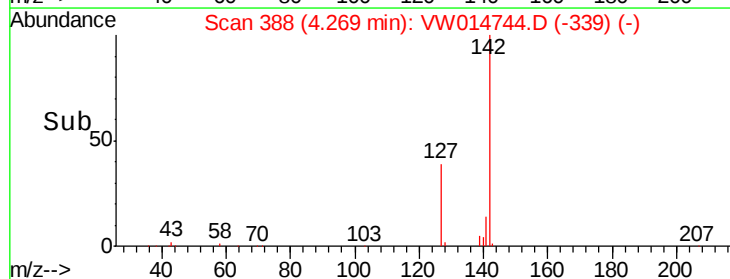
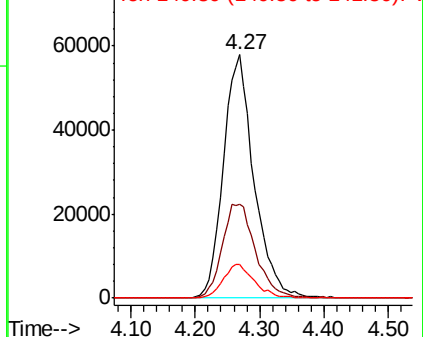


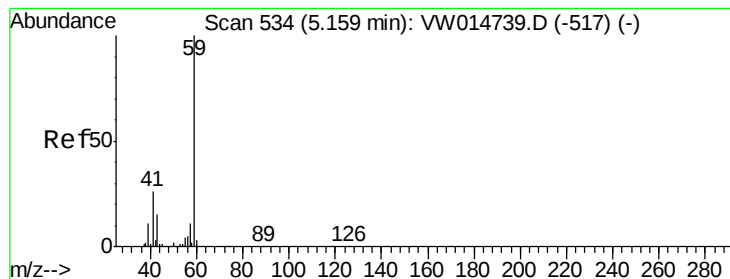
Abundance

Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



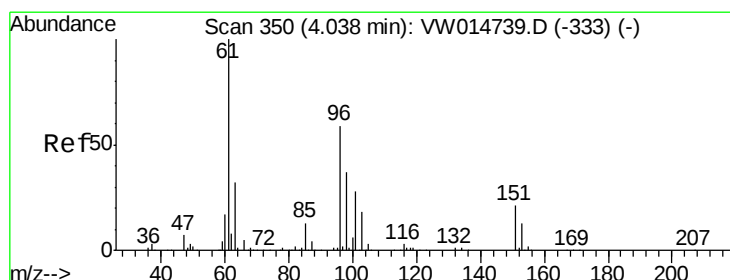
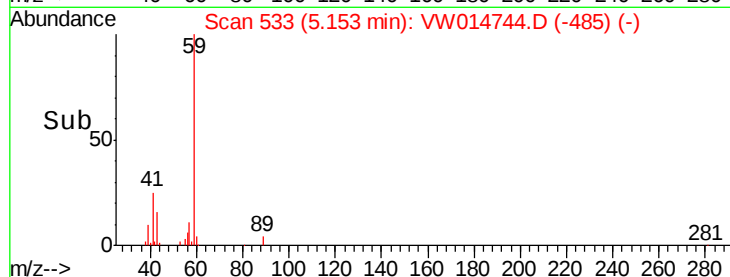
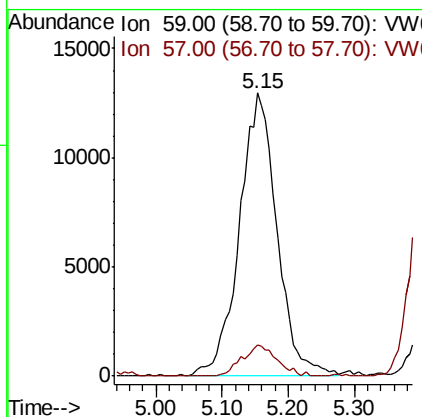
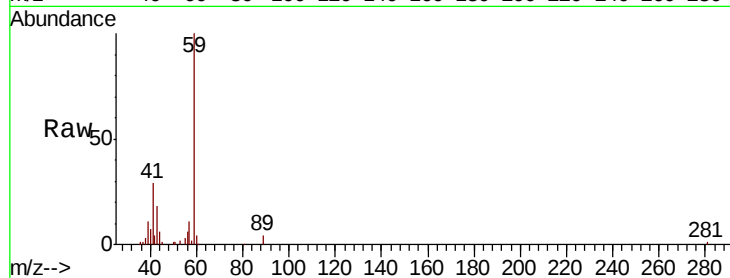


#11

Tert butyl alcohol
 Concen: 110.361 ug/l
 RT: 5.15 min Scan# 533
 Delta R.T. -0.01 min
 Lab File: VW014744.D
 Acq: 24 Jan 2020 15:14

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0124SBS01

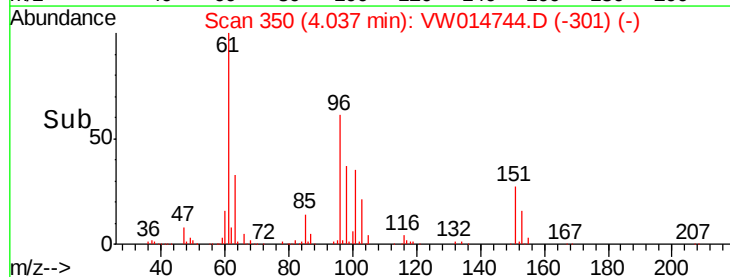
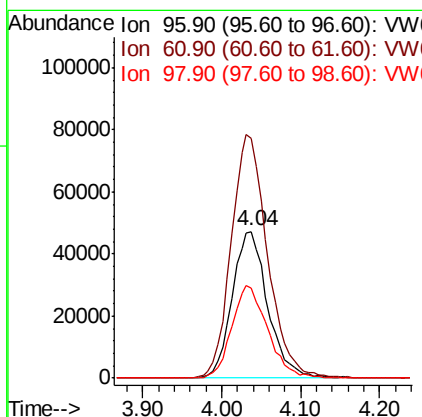
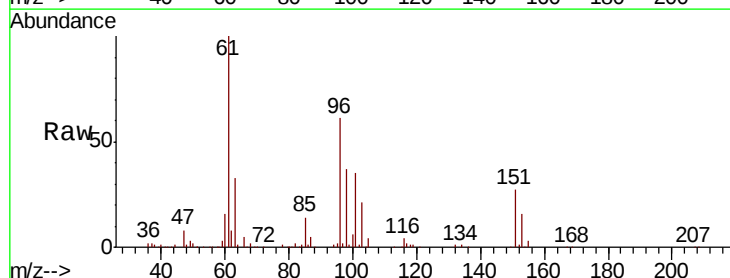
Tot Ion: 59 Resp: 51214
 Ion Ratio Lower Upper
 59 100
 57 10.1 8.6 12.8

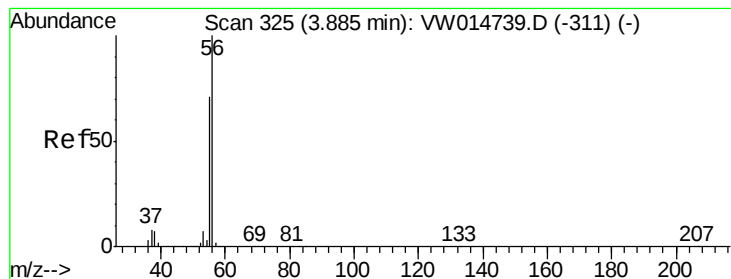


#12

1,1-Dichloroethene
 Concen: 21.316 ug/l
 RT: 4.04 min Scan# 350
 Delta R.T. -0.00 min
 Lab File: VW014744.D
 Acq: 24 Jan 2020 15:14

Tgt Ion: 96 Resp: 147408
 Ion Ratio Lower Upper
 96 100
 61 163.9 136.3 204.5
 98 61.1 51.0 76.6





#13

Acrolein

Concen: 104.043 ug/l

RT: 3.89 min Scan# 325

Delta R.T. -0.00 min

Lab File: VW014744.D

Acq: 24 Jan 2020 15:14

Instrument :

MSVOA_W

ClientSampleId :

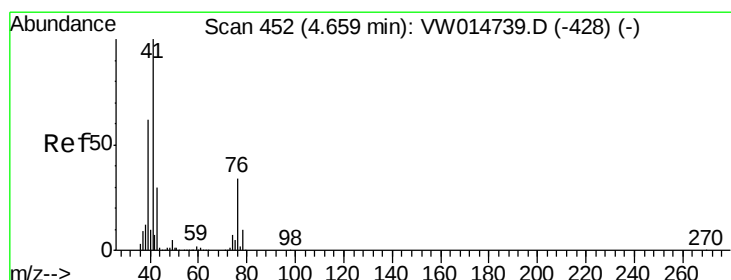
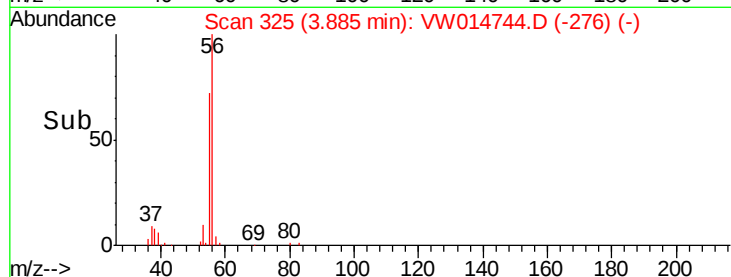
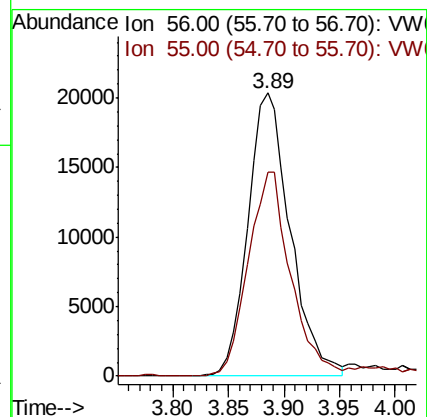
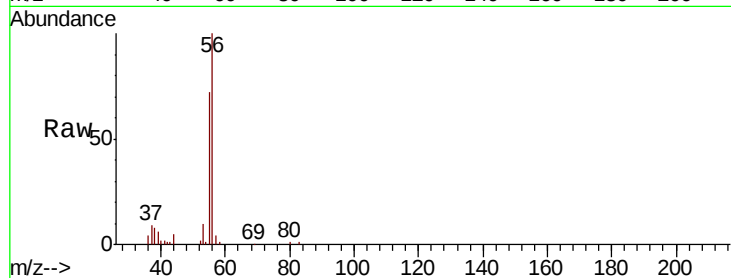
VW0124SBS01

Tot Ion: 56 Resp: 53795

Ion Ratio Lower Upper

56 100

55 72.4 55.7 83.5



#14

Allyl chloride

Concen: 21.921 ug/l

RT: 4.66 min Scan# 452

Delta R.T. -0.00 min

Lab File: VW014744.D

Acq: 24 Jan 2020 15:14

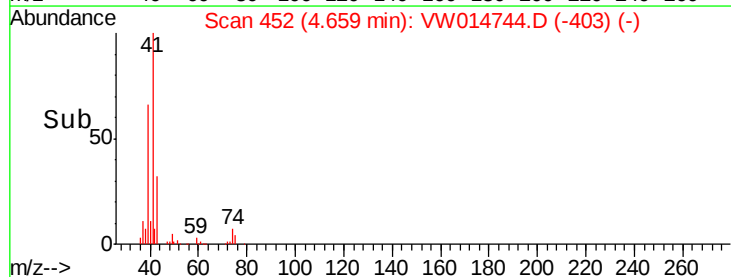
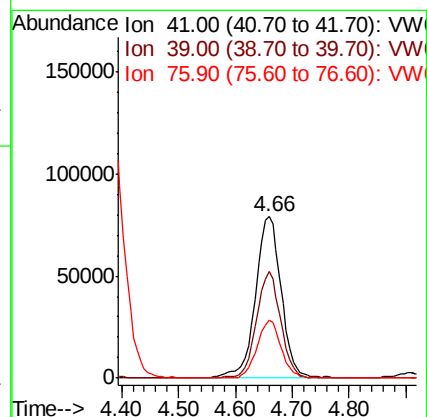
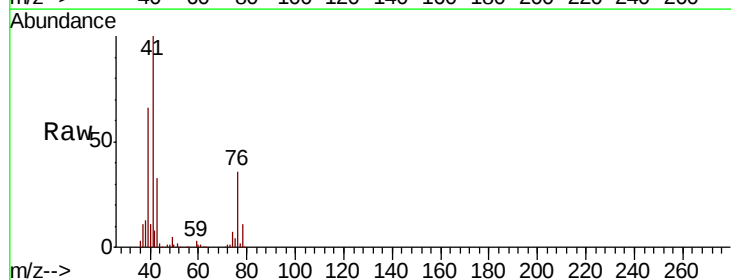
Tgt Ion: 41 Resp: 248979

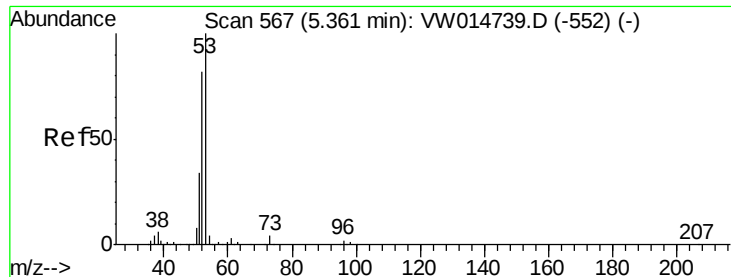
Ion Ratio Lower Upper

41 100

39 61.9 50.0 75.0

76 33.2 26.7 40.1





#15

Acrylonitrile

Concen: 107.325 ug/l

RT: 5.35 min Scan# 566

Delta R.T. -0.01 min

Lab File: VW014744.D

Acq: 24 Jan 2020 15:14

Instrument :

MSVOA_W

ClientSampleId :

VW0124SBS01

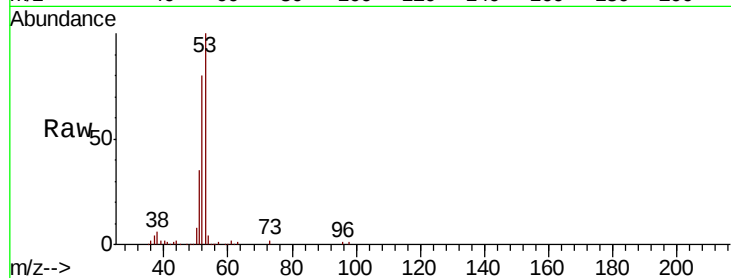
Tot Ion: 53 Resp: 173045

Ion Ratio Lower Upper

53 100

52 82.8 66.0 99.0

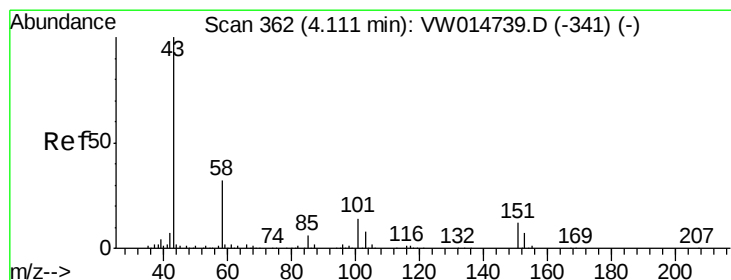
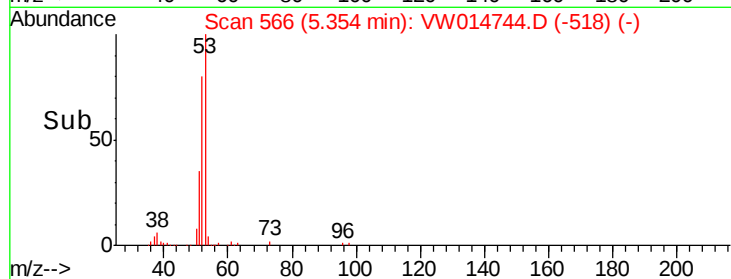
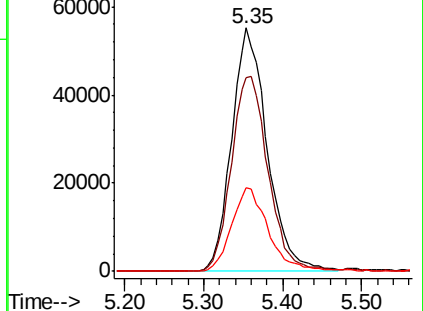
51 35.3 28.6 43.0



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: 106.246 ug/l

RT: 4.11 min Scan# 362

Delta R.T. -0.00 min

Lab File: VW014744.D

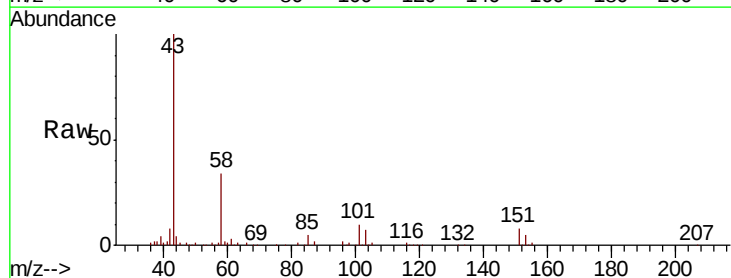
Acq: 24 Jan 2020 15:14

Tgt Ion: 43 Resp: 172447

Ion Ratio Lower Upper

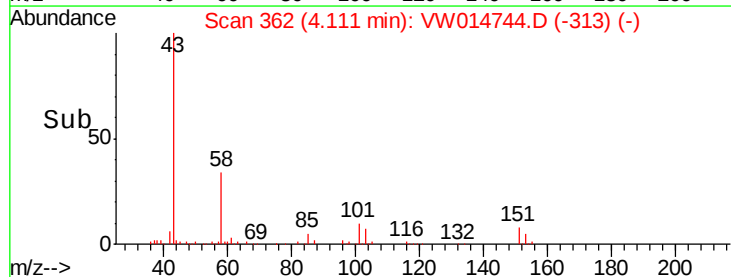
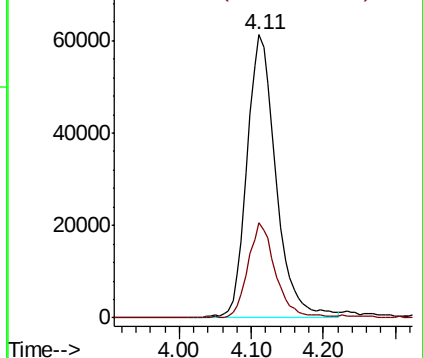
43 100

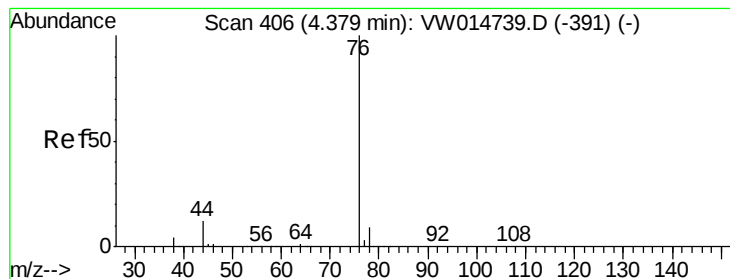
58 33.4 25.6 38.4



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW





#17

Carbon Disulfide

Concen: 21.319 ug/l

RT: 4.37 min Scan# 405

Delta R.T. -0.01 min

Lab File: VW014744.D

Acq: 24 Jan 2020 15:14

Instrument :

MSVOA_W

ClientSampleId :

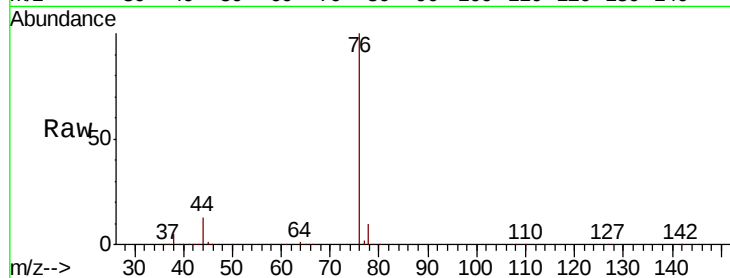
VW0124SBS01

Tot Ion: 76 Resp: 470054

Ion Ratio Lower Upper

76 100

78 9.6 7.2 10.8



Abundance Ion 75.90 (75.60 to 76.60): VW

Ion 77.90 (77.60 to 78.60): VW

4.37

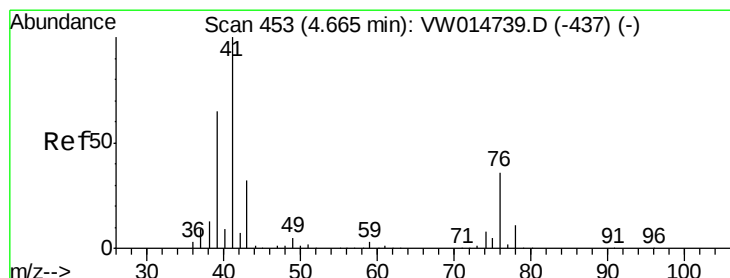
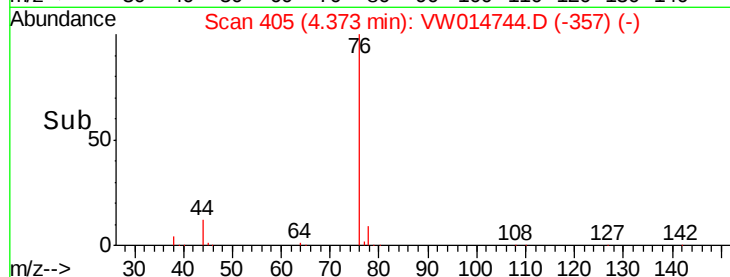
150000

100000

50000

0

Time-->



#18

Methyl Acetate

Concen: 21.719 ug/l

RT: 4.66 min Scan# 452

Delta R.T. -0.01 min

Lab File: VW014744.D

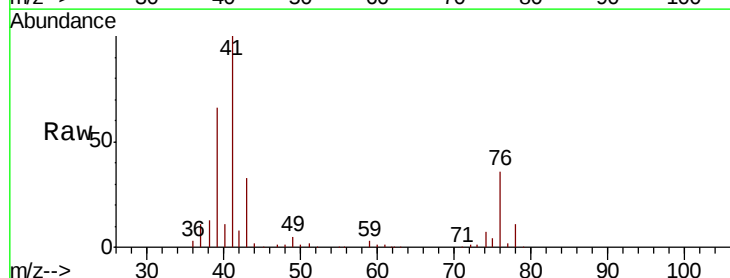
Acq: 24 Jan 2020 15:14

Tgt Ion: 43 Resp: 78917

Ion Ratio Lower Upper

43 100

74 23.3 18.4 27.6



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 74.00 (73.70 to 74.70): VW

30000

25000

20000

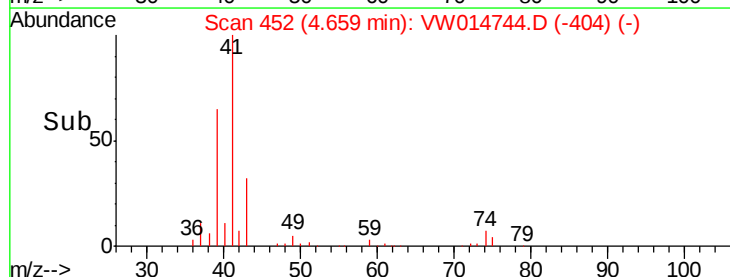
15000

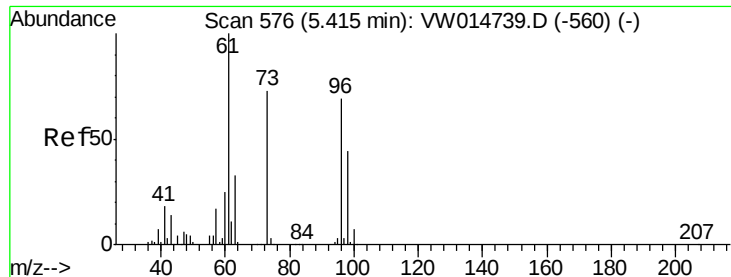
10000

5000

0

Time-->

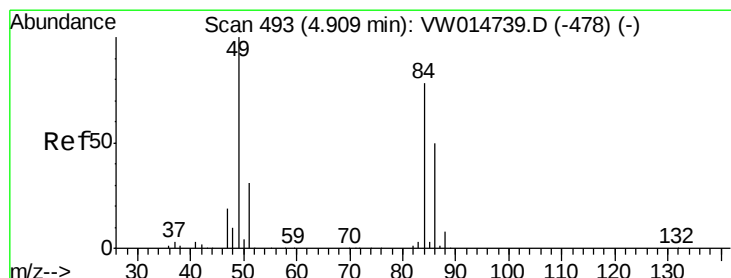
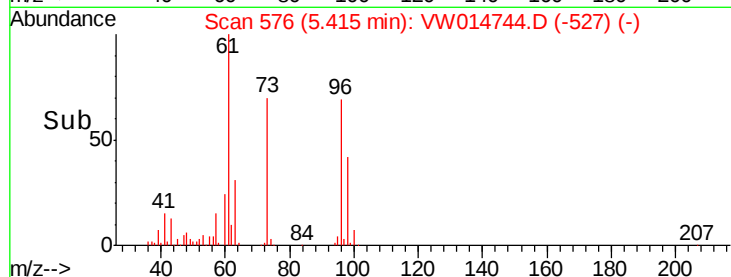
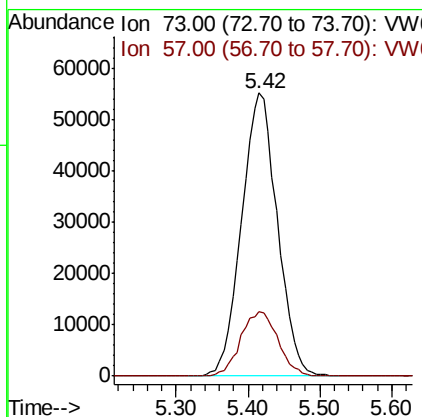
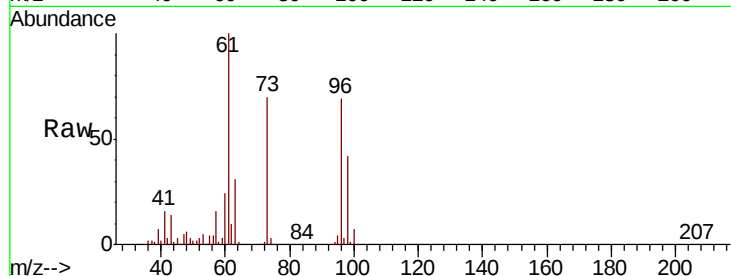




#19
Methvl tert-butvl Ether
Concen: 22.001 ug/l
RT: 5.42 min Scan# 576
Delta R.T. -0.00 min
Lab File: VW014744.D
Acq: 24 Jan 2020 15:14

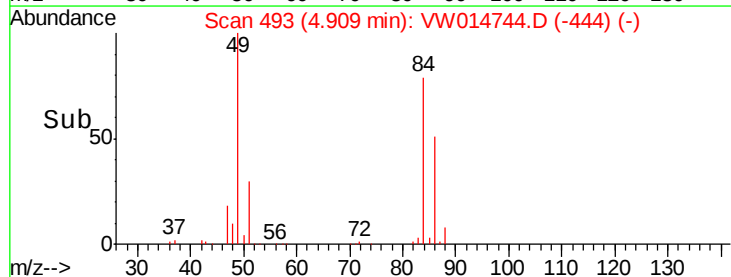
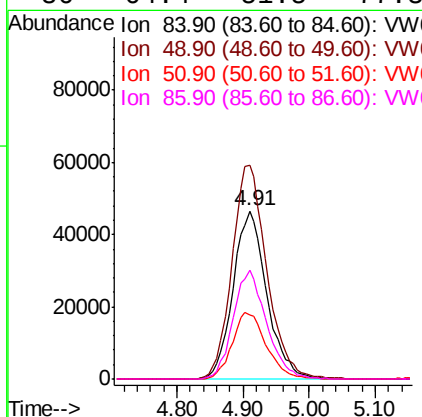
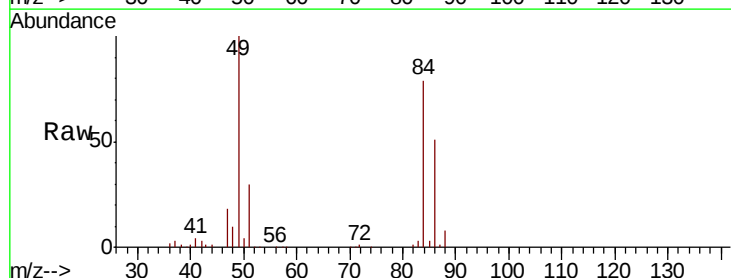
Instrument :
MSVOA_W
ClientSampleId :
VW0124SBS01

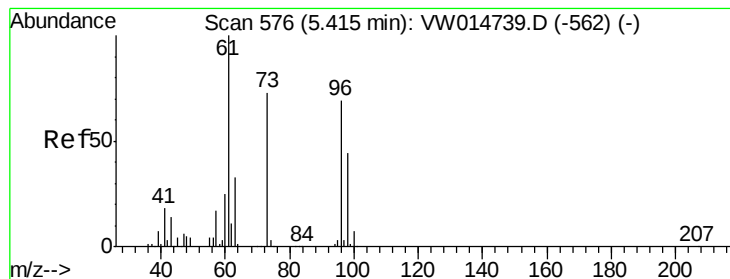
Tot Ion: 73 Resp: 190422
Ion Ratio Lower Upper
73 100
57 22.6 18.5 27.7



#20
Methylene Chloride
Concen: 21.138 ug/l
RT: 4.91 min Scan# 493
Delta R.T. 0.00 min
Lab File: VW014744.D
Acq: 24 Jan 2020 15:14

Tgt Ion: 84 Resp: 164437
Ion Ratio Lower Upper
84 100
49 126.9 103.1 154.7
51 38.3 32.1 48.1
86 64.4 51.5 77.3





#21

trans-1,2-Dichloroethene

Concen: 21.938 ug/l

RT: 5.42 min Scan# 576

Delta R.T. -0.00 min

Lab File: VW014744.D

Acq: 24 Jan 2020 15:14

Instrument :

MSVOA_W

ClientSampled :

VW0124SBS01

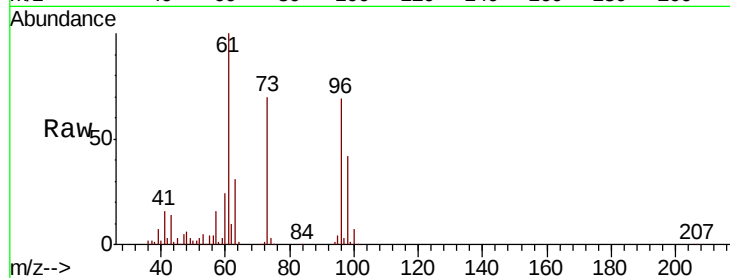
Tot Ion: 96 Resp: 160868

Ion Ratio Lower Upper

96 100

61 145.5 116.1 174.1

98 60.6 51.6 77.4

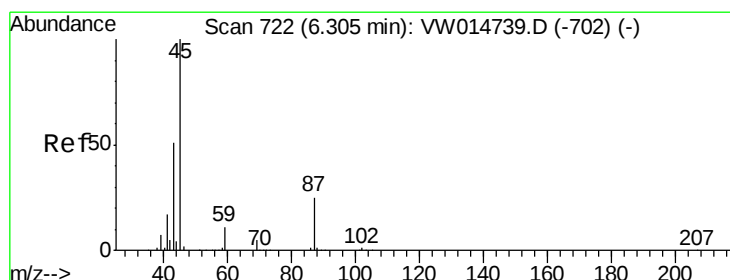
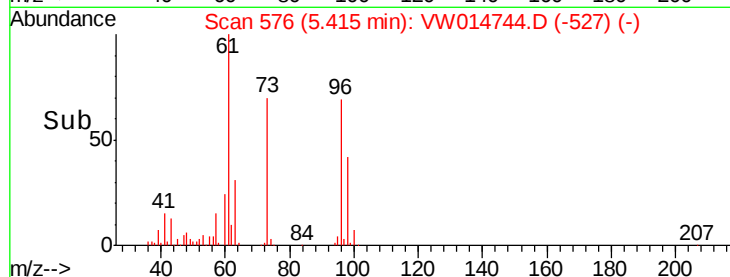
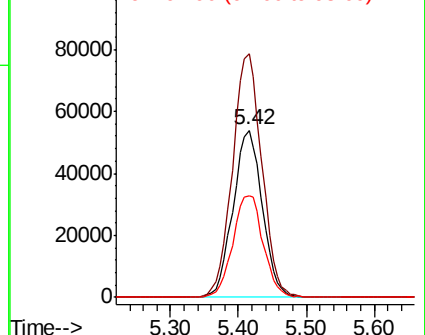


Abundance

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: 22.213 ug/l

RT: 6.31 min Scan# 722

Delta R.T. -0.00 min

Lab File: VW014744.D

Acq: 24 Jan 2020 15:14

Tgt Ion: 45 Resp: 463350

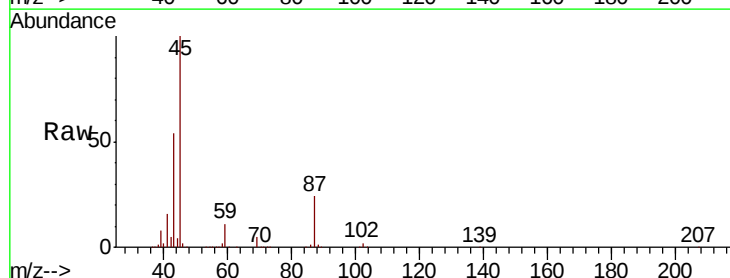
Ion Ratio Lower Upper

45 100

43 52.8 40.9 61.3

87 23.9 20.3 30.5

59 11.0 9.1 13.7



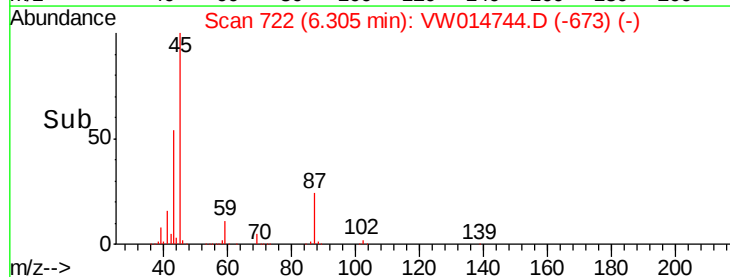
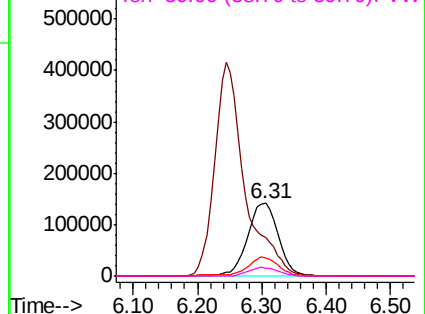
Abundance

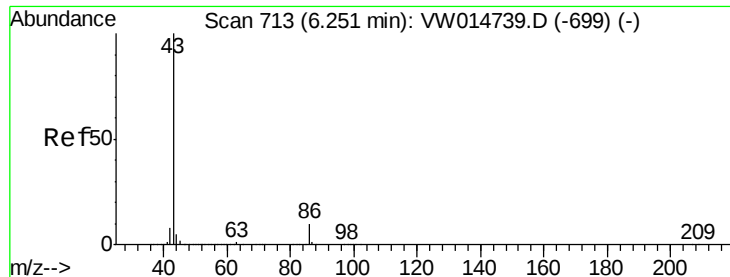
Ion 45.00 (44.70 to 45.70): VW

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

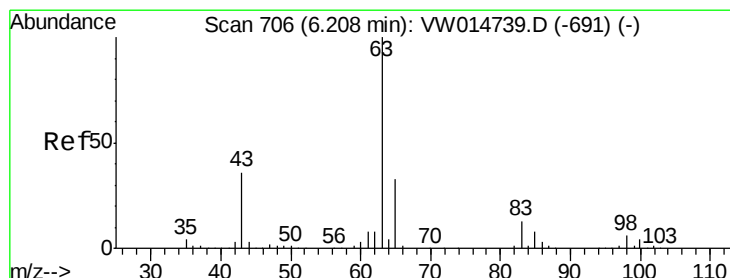
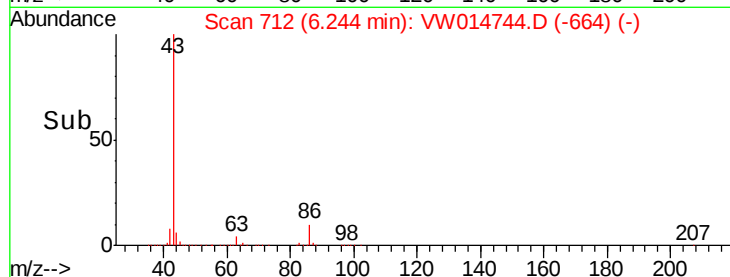
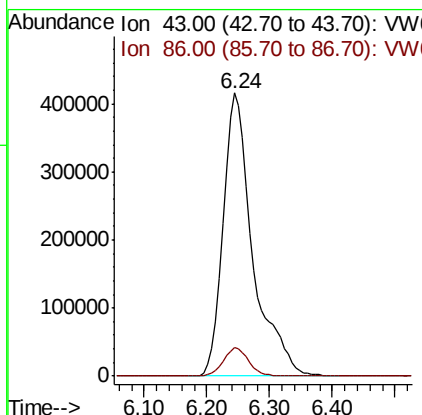
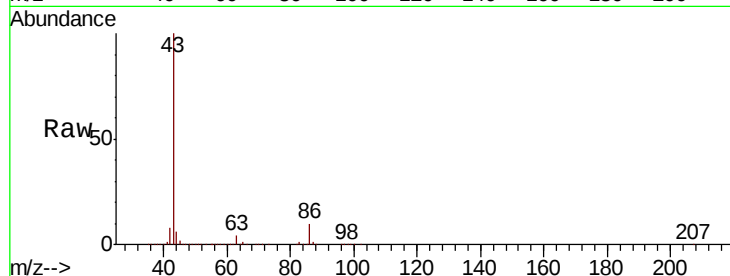




#23
 Vinyl Acetate
 Concen: 109.956 ug/l
 RT: 6.24 min Scan# 712
 Delta R.T. -0.01 min
 Lab File: VW014744.D
 Acq: 24 Jan 2020 15:14

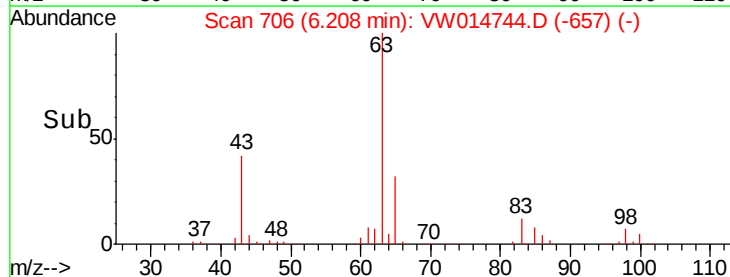
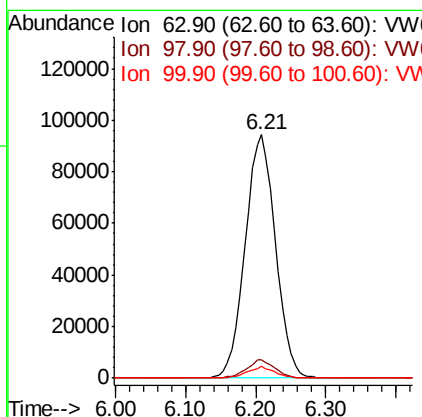
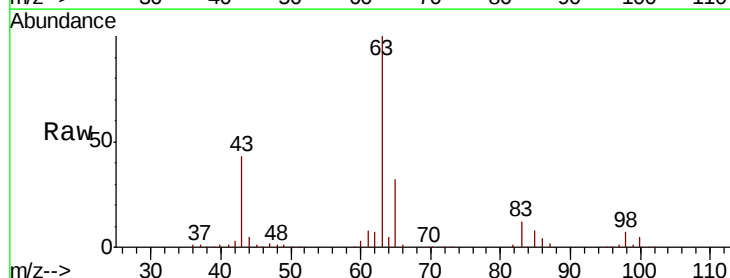
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0124SBS01

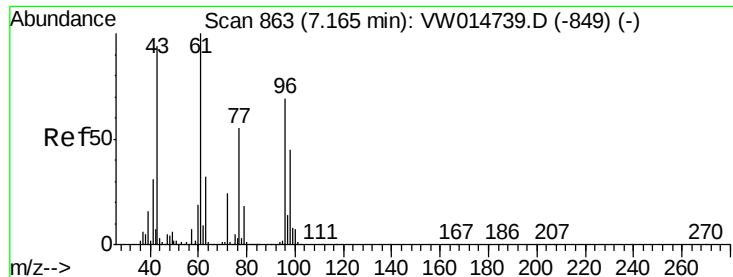
Tot Ion: 43 Resp: 1359779
 Ion Ratio Lower Upper
 43 100
 86 10.0 7.9 11.9



#24
 1,1-Dichloroethane
 Concen: 21.656 ug/l
 RT: 6.21 min Scan# 706
 Delta R.T. -0.00 min
 Lab File: VW014744.D
 Acq: 24 Jan 2020 15:14

Tgt Ion: 63 Resp: 283664
 Ion Ratio Lower Upper
 63 100
 98 7.3 3.3 9.8
 100 4.8 2.1 6.5





#25

2-Butanone

Concen: 105.727 ug/l

RT: 7.16 min Scan# 862

Delta R.T. -0.01 min

Lab File: VW014744.D

Acq: 24 Jan 2020 15:14

Instrument :

MSVOA_W

ClientSampleId :

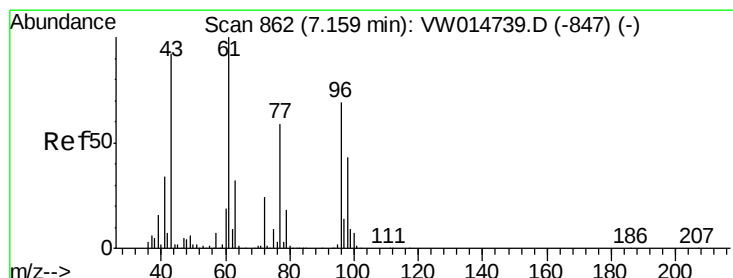
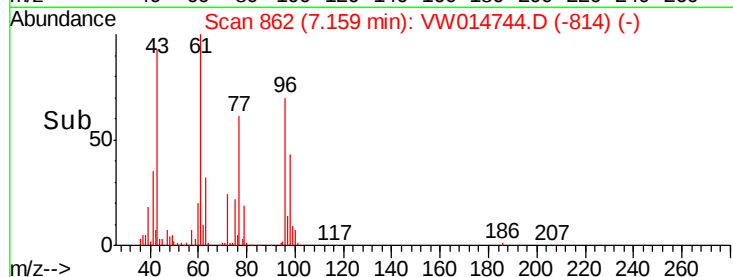
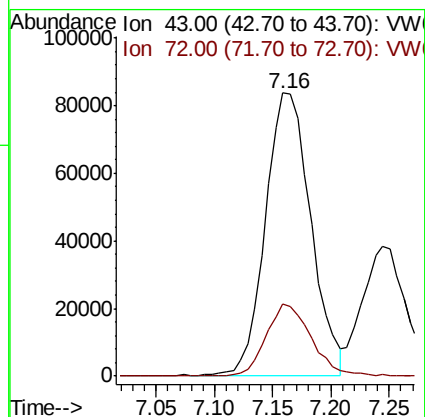
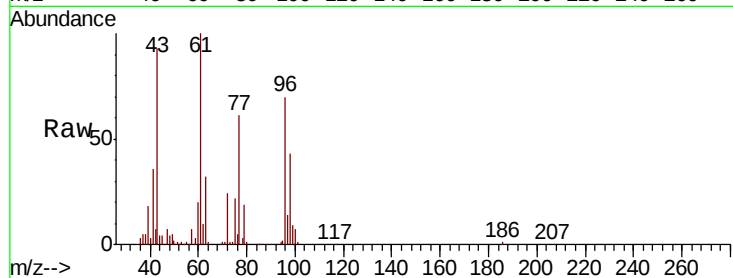
VW0124SBS01

Tot Ion: 43 Resp: 225863

Ion Ratio Lower Upper

43 100

72 25.7 20.2 30.4



#26

2,2-Dichloropropane

Concen: 22.261 ug/l

RT: 7.16 min Scan# 862

Delta R.T. -0.00 min

Lab File: VW014744.D

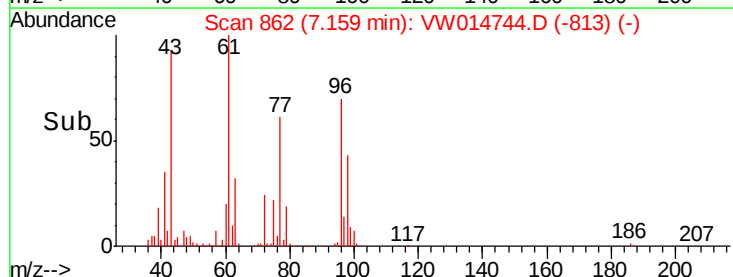
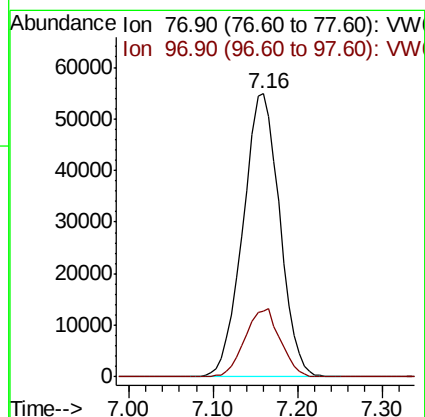
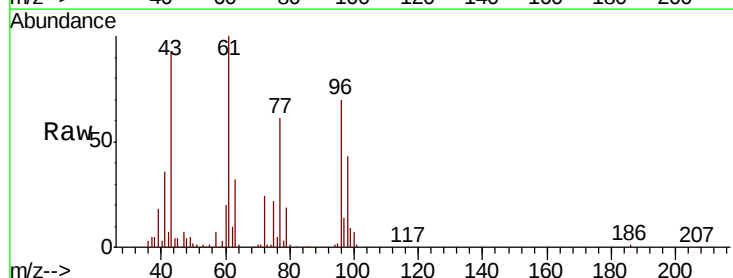
Acq: 24 Jan 2020 15:14

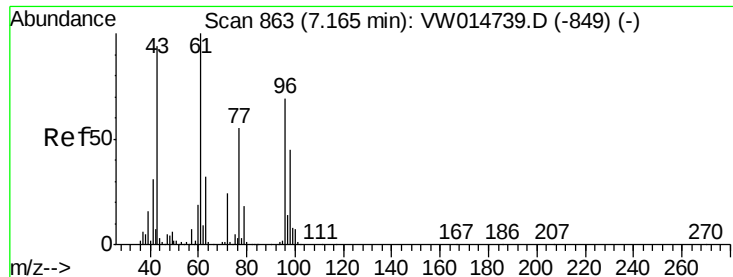
Tgt Ion: 77 Resp: 162495

Ion Ratio Lower Upper

77 100

97 23.2 11.9 35.9

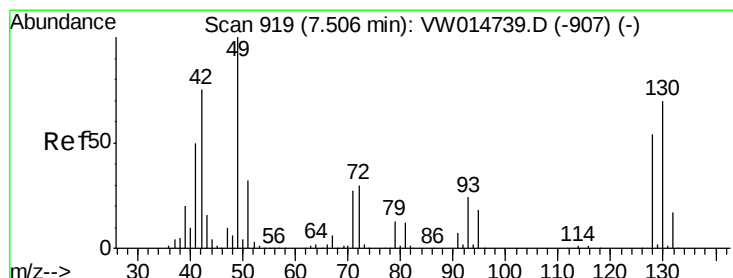
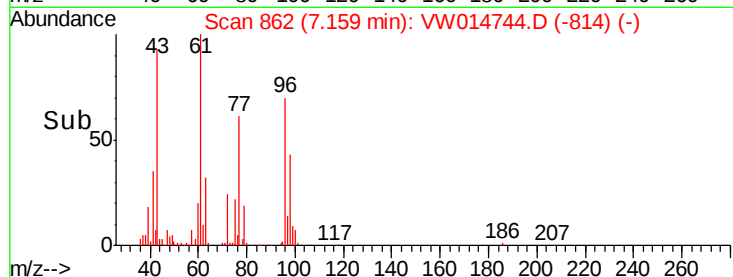
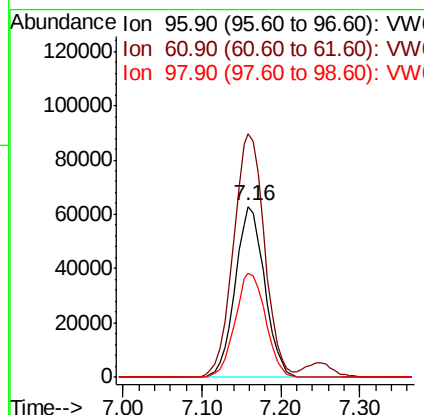
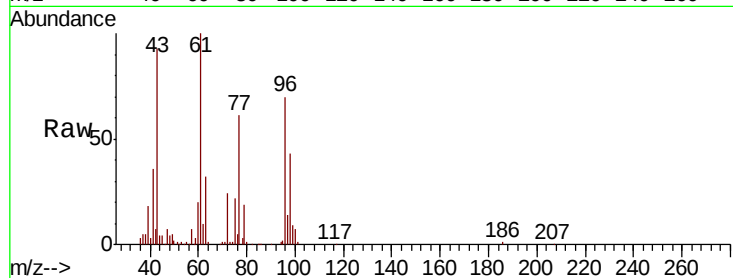




#27
 cis-1,2-Dichloroethene
 Concen: 21.780 ug/l
 RT: 7.16 min Scan# 862
 Delta R.T. -0.01 min
 Lab File: VW014744.D
 Acq: 24 Jan 2020 15:14

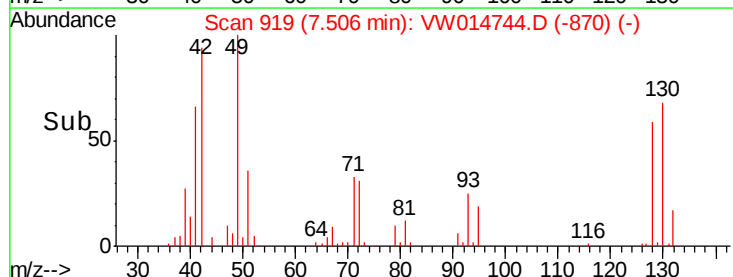
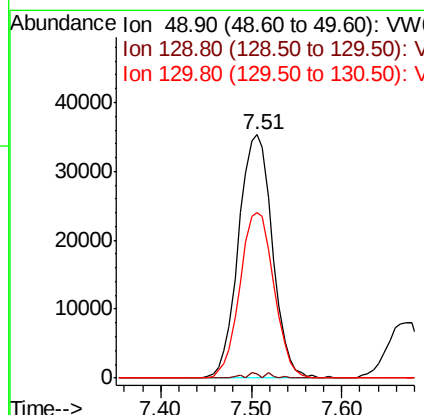
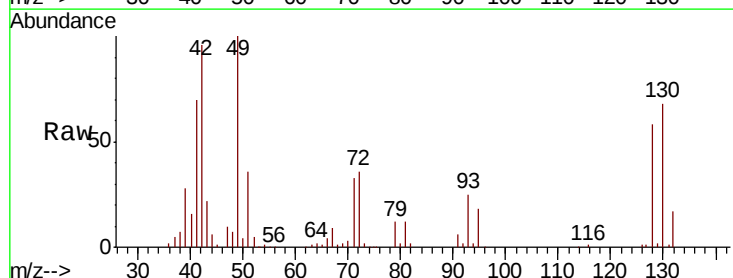
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0124SBS01

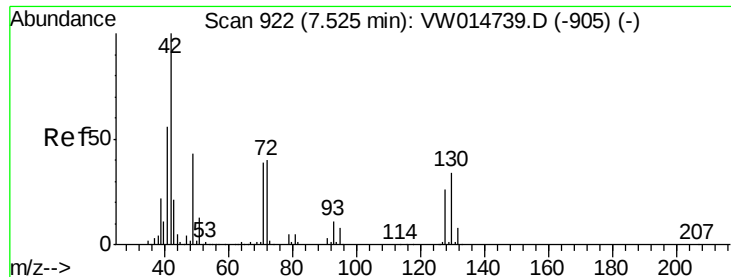
Tot Ion: 96 Resp: 163472
 Ion Ratio Lower Upper
 96 100
 61 149.6 0.0 292.2
 98 63.3 0.0 127.6



#28
 Bromochloromethane
 Concen: 18.105 ug/l
 RT: 7.51 min Scan# 919
 Delta R.T. -0.00 min
 Lab File: VW014744.D
 Acq: 24 Jan 2020 15:14

Tgt Ion: 49 Resp: 91481
 Ion Ratio Lower Upper
 49 100
 129 0.9 0.0 2.6
 130 68.5 56.7 85.1

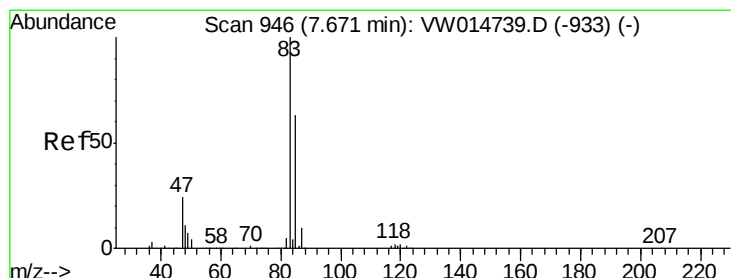
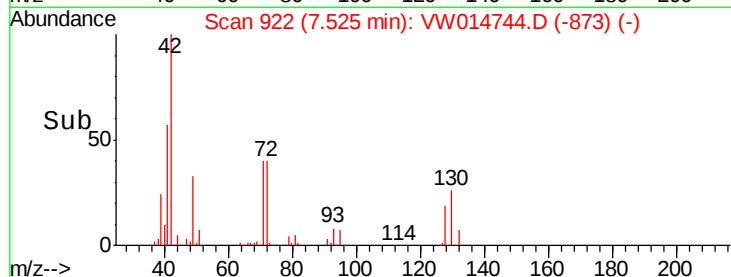
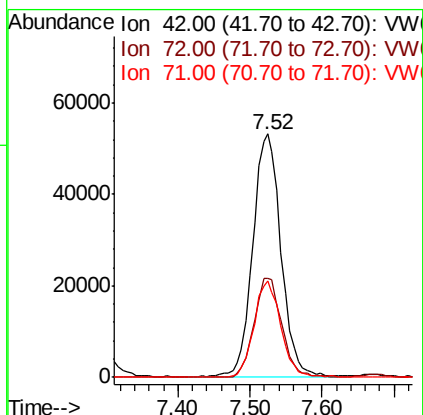
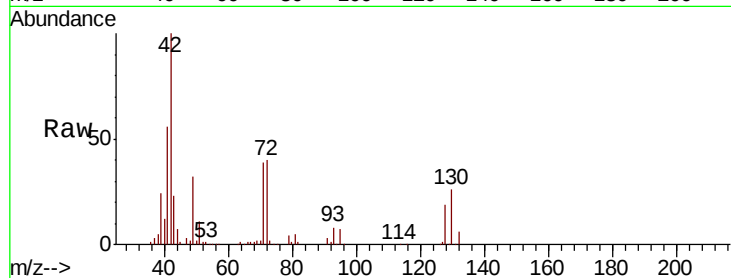




#29
Tetrahydrofuran
Concen: 106.692 ug/l
RT: 7.52 min Scan# 922
Delta R.T. -0.00 min
Lab File: VW014744.D
Acq: 24 Jan 2020 15:14

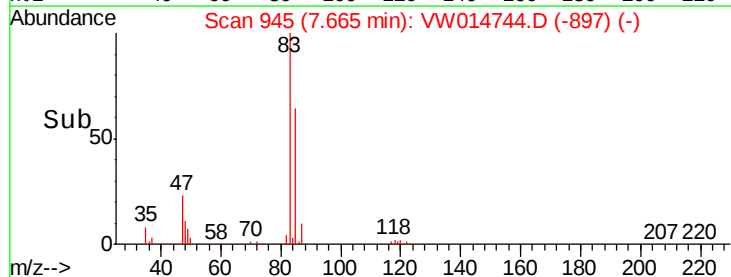
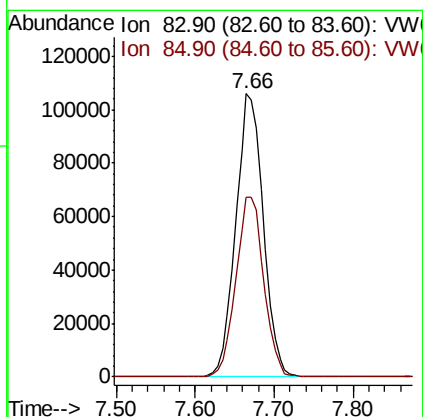
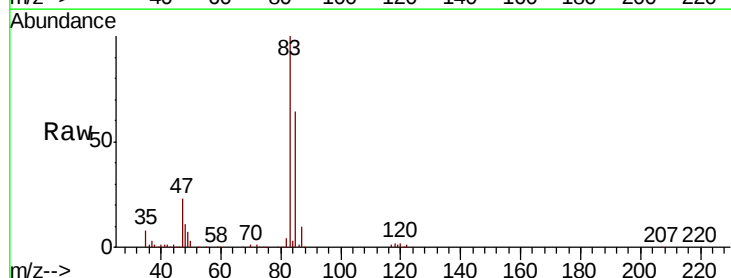
Instrument :
MSVOA_W
ClientSampleId :
VW0124SBS01

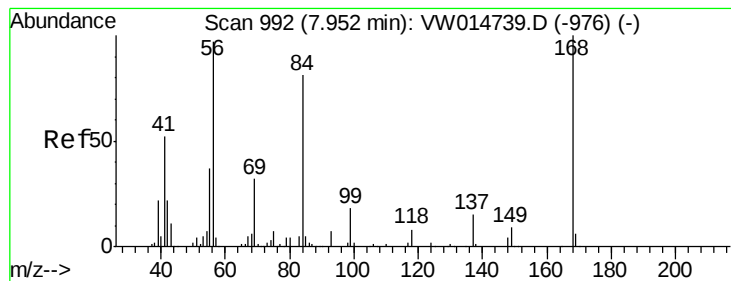
Tot Ion: 42 Resp: 144178
Ion Ratio Lower Upper
42 100
72 40.1 32.3 48.5
71 37.9 31.0 46.4



#30
Chloroform
Concen: 21.250 ug/l
RT: 7.66 min Scan# 945
Delta R.T. -0.01 min
Lab File: VW014744.D
Acq: 24 Jan 2020 15:14

Tgt Ion: 83 Resp: 257028
Ion Ratio Lower Upper
83 100
85 63.6 50.1 75.1





#31

Cyclohexane

Concen: 21.911 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.01 min

Lab File: VW014744.D

Acq: 24 Jan 2020 15:14

Instrument :

MSVOA_W

ClientSampleId :

VW0124SBS01

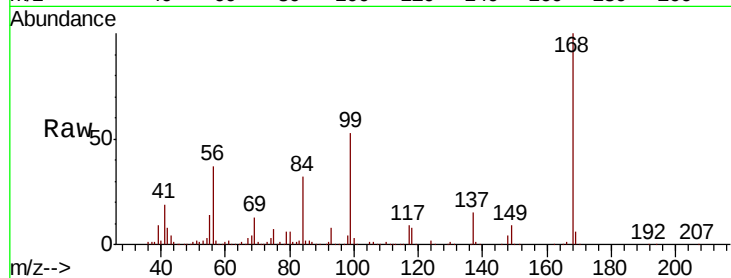
Tot Ion: 56 Resp: 294497

Ion Ratio Lower Upper

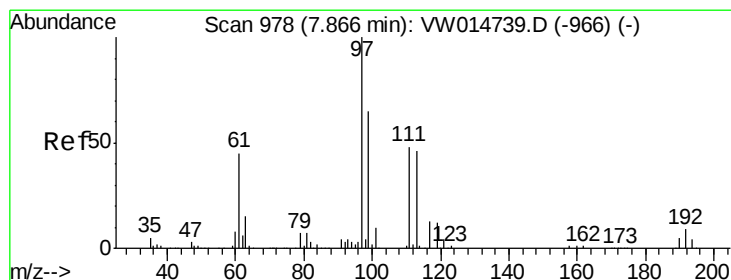
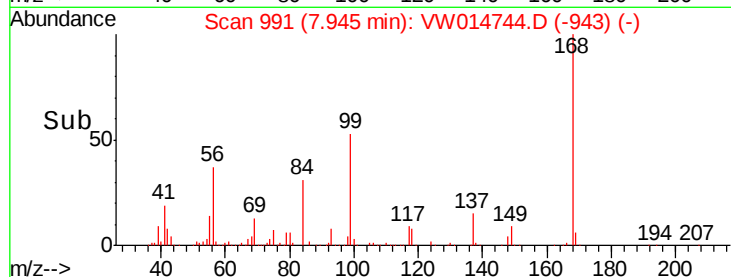
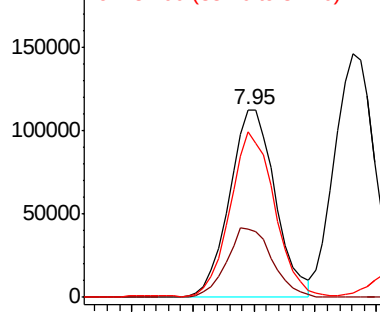
56 100

69 36.6 26.0 39.0

84 86.9 66.6 99.8



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



#32

1,1,1-Trichloroethane

Concen: 21.887 ug/l

RT: 7.87 min Scan# 978

Delta R.T. -0.00 min

Lab File: VW014744.D

Acq: 24 Jan 2020 15:14

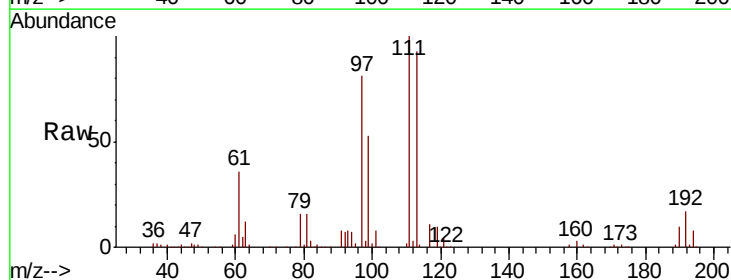
Tgt Ion: 97 Resp: 214948

Ion Ratio Lower Upper

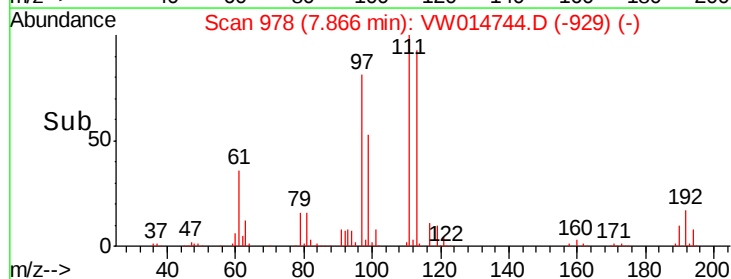
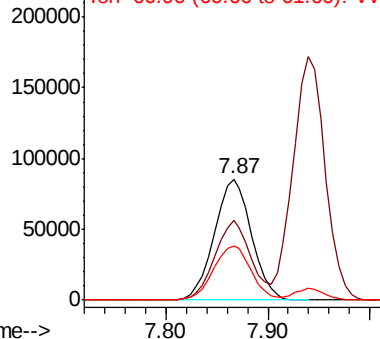
97 100

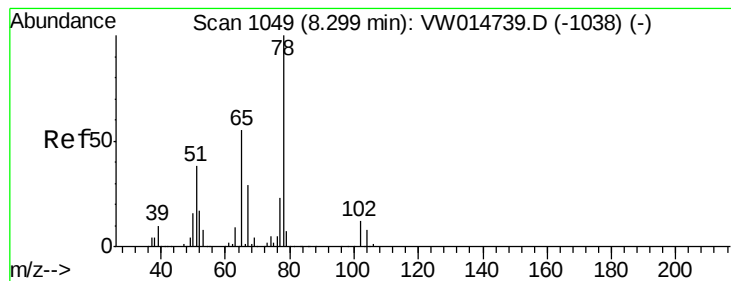
99 64.8 52.2 78.4

61 45.5 36.2 54.4



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





#33

1,2-Dichloroethane-d4

Concen: 53.298 ug/l

RT: 8.30 min Scan# 1049

Delta R.T. -0.00 min

Lab File: VW014744.D

Acq: 24 Jan 2020 15:14

Instrument :

MSVOA_W

ClientSampleId :

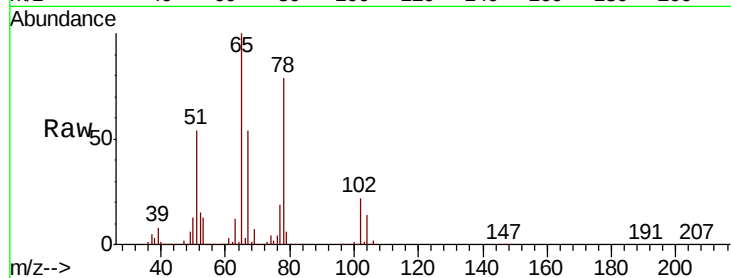
VW0124SBS01

Tot Ion: 65 Resp: 344208

Ion Ratio Lower Upper

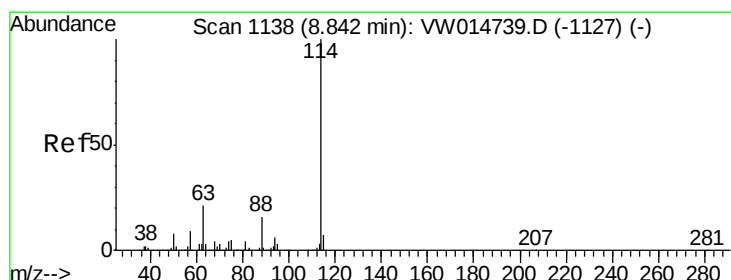
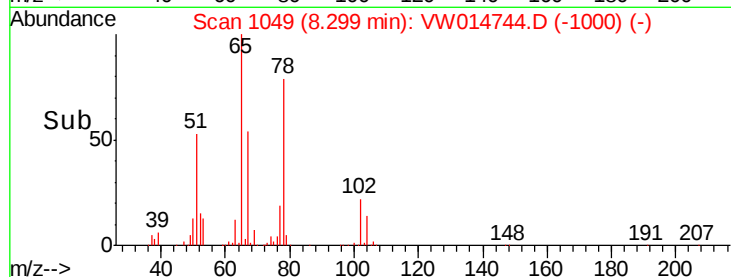
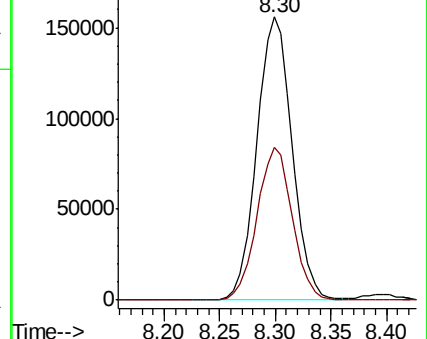
65 100

67 53.8 0.0 106.0



Abundance Ion 64.90 (64.60 to 65.60): VW

Ion 66.90 (66.60 to 67.60): VW



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.84 min Scan# 1137

Delta R.T. -0.01 min

Lab File: VW014744.D

Acq: 24 Jan 2020 15:14

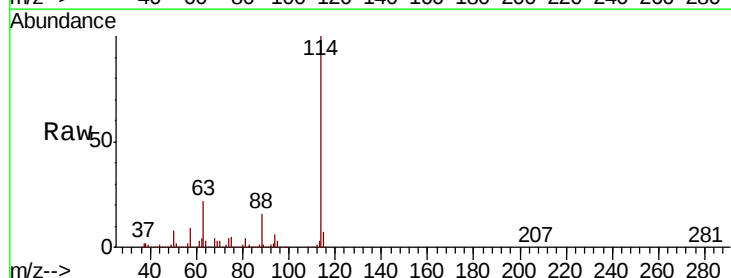
Tgt Ion: 114 Resp: 1034705

Ion Ratio Lower Upper

114 100

63 21.9 0.0 41.2

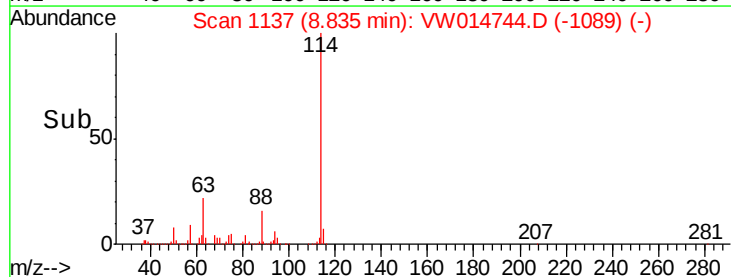
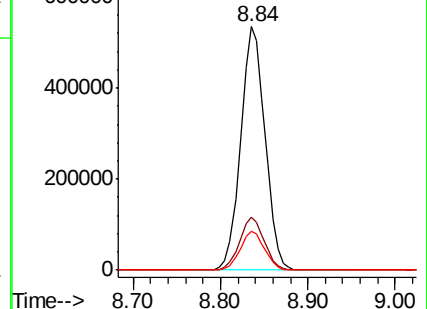
88 16.1 0.0 32.2

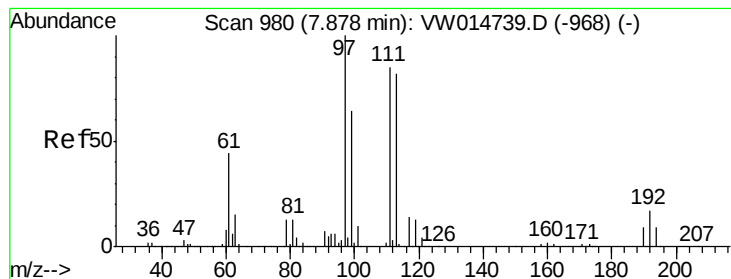


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VW

Ion 87.90 (87.60 to 88.60): VW





#35

Dibromofluoromethane

Concen: 51.583 ug/l

RT: 7.88 min Scan# 980

Delta R.T. -0.00 min

Lab File: VW014744.D

Acq: 24 Jan 2020 15:14

Instrument :

MSVOA_W

ClientSampleId :

VW0124SBS01

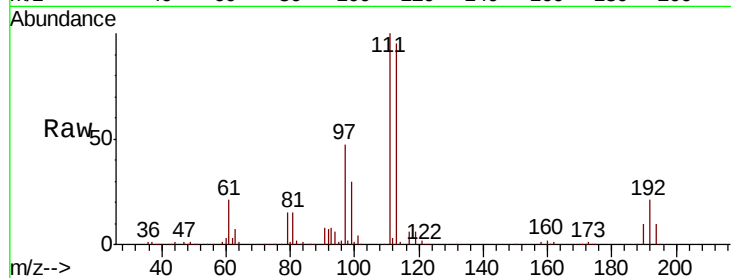
Tot Ion:113 Resp: 310685

Ion Ratio Lower Upper

113 100

111 104.5 82.2 123.2

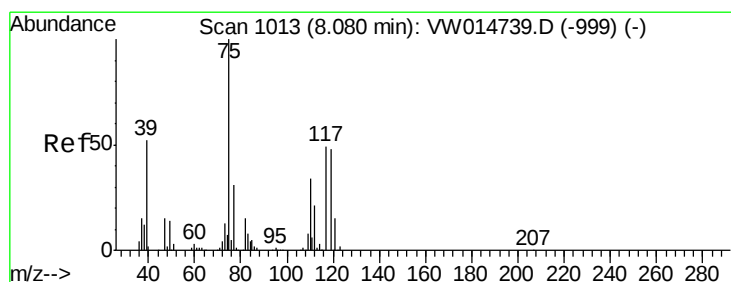
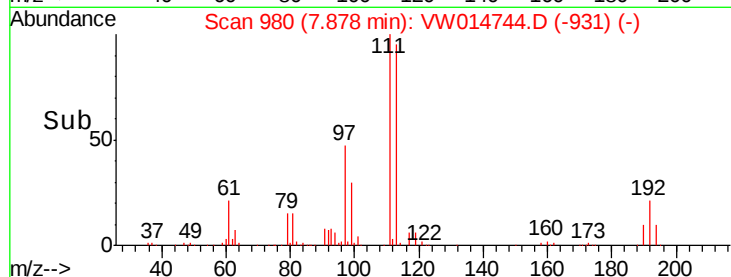
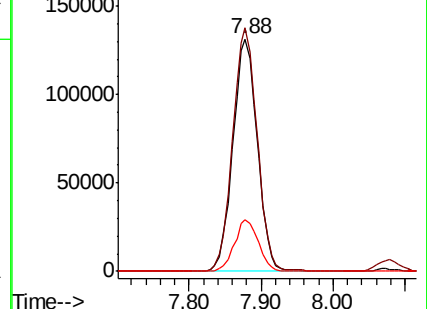
192 21.7 17.0 25.6



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: 21.739 ug/l

RT: 8.07 min Scan# 1012

Delta R.T. -0.01 min

Lab File: VW014744.D

Acq: 24 Jan 2020 15:14

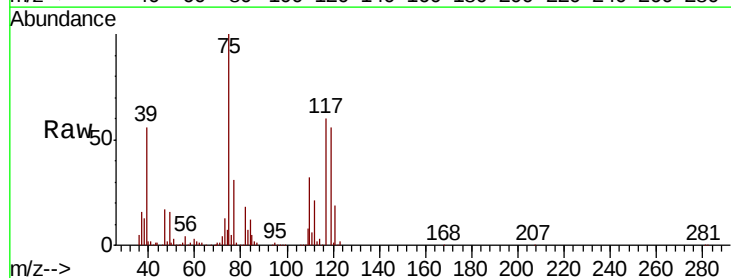
Tgt Ion: 75 Resp: 228097

Ion Ratio Lower Upper

75 100

110 33.9 17.1 51.2

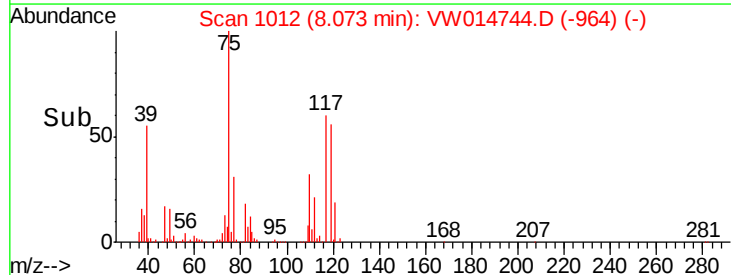
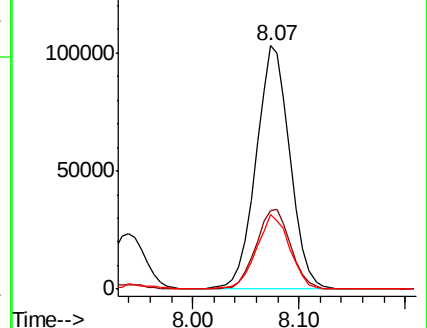
77 30.5 24.8 37.2

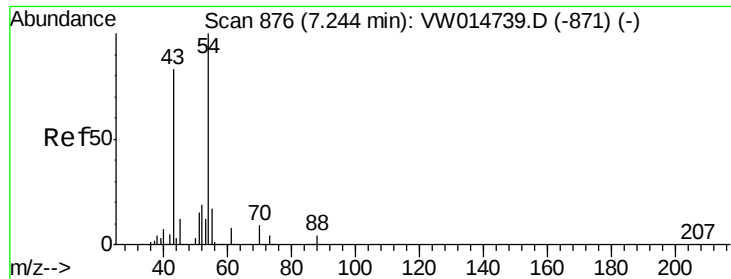


Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VW

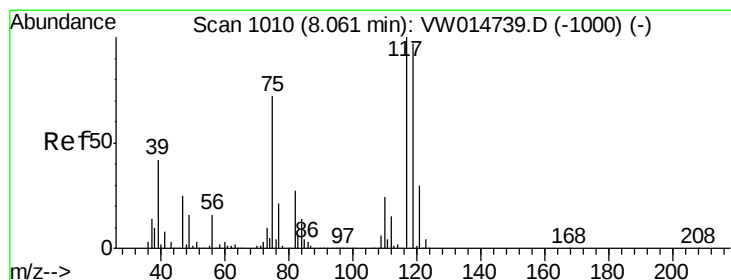
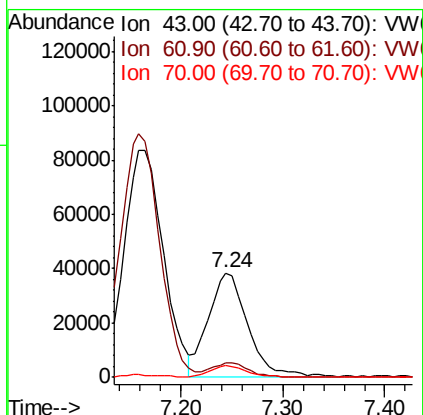
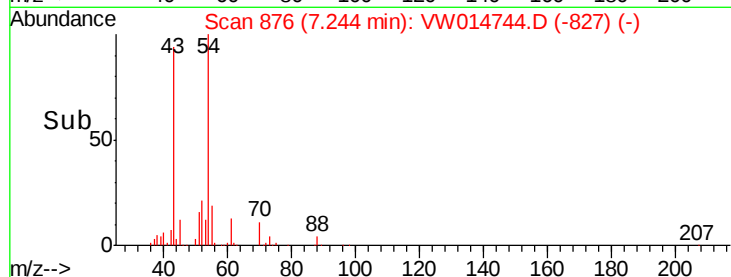
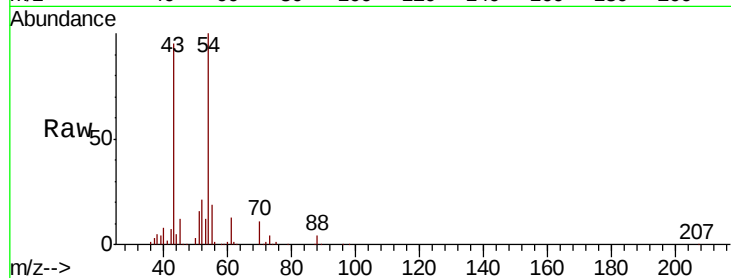




#37
Ethyl Acetate
Concen: 21.926 ug/l
RT: 7.24 min Scan# 876
Delta R.T. -0.00 min
Lab File: VW014744.D
Acq: 24 Jan 2020 15:14

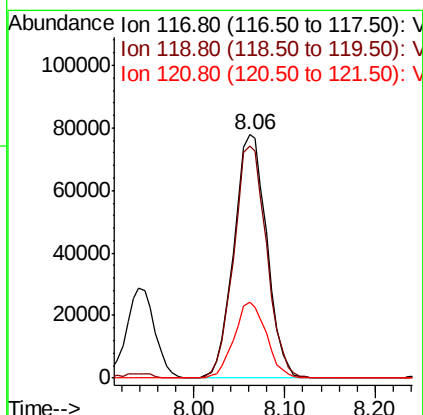
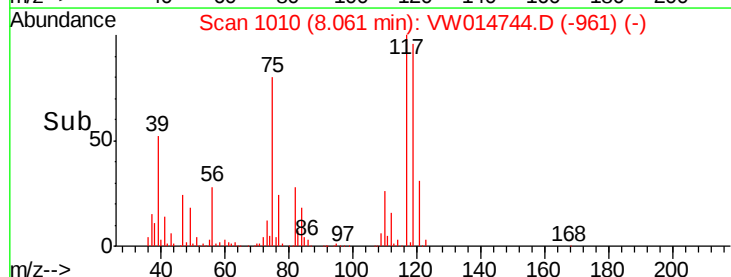
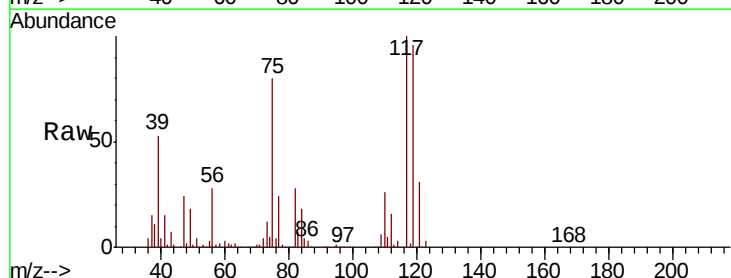
Instrument :
MSVOA_W
ClientSampleId :
VW0124SBS01

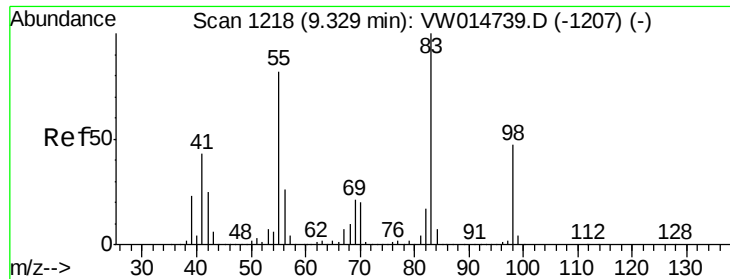
Tot Ion: 43 Resp: 102255
Ion Ratio Lower Upper
43 100
61 12.7 10.7 16.1
70 10.6 8.5 12.7



#38
Carbon Tetrachloride
Concen: 21.458 ug/l
RT: 8.06 min Scan# 1010
Delta R.T. -0.00 min
Lab File: VW014744.D
Acq: 24 Jan 2020 15:14

Tgt Ion: 117 Resp: 196089
Ion Ratio Lower Upper
117 100
119 95.5 77.5 116.3
121 31.2 24.3 36.5

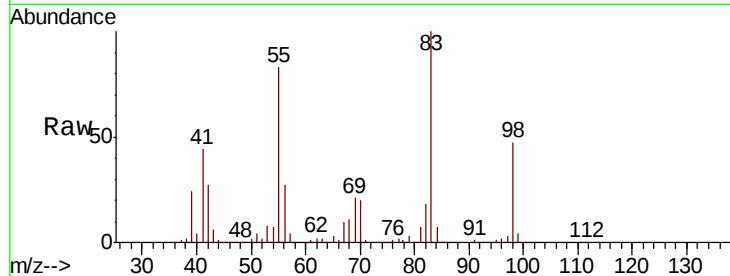




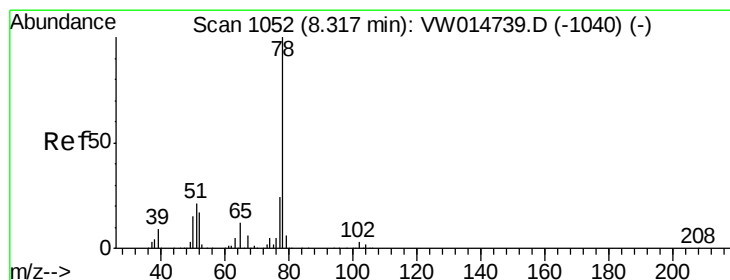
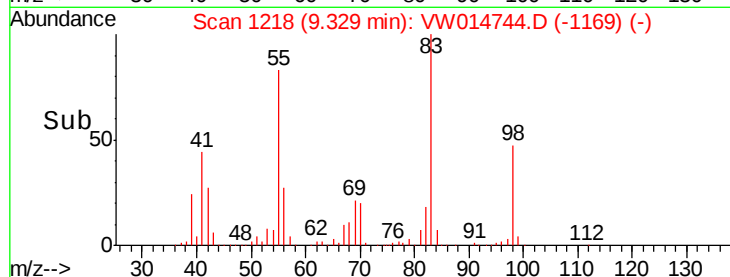
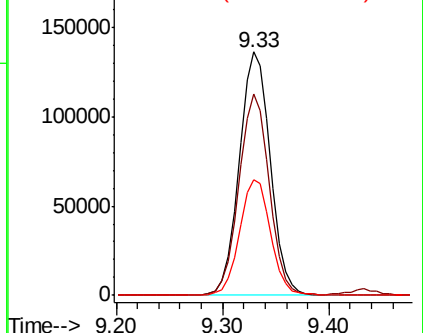
#39
Methvlcvclohexane
Concen: 22.118 ug/l
RT: 9.33 min Scan# 1218
Delta R.T. -0.00 min
Lab File: VW014744.D
Acq: 24 Jan 2020 15:14

Instrument :
MSVOA_W
ClientSampleId :
VW0124SBS01

Tot Ion: 83 Resp: 279260
Ion Ratio Lower Upper
83 100
55 82.9 65.2 97.8
98 47.4 37.6 56.4

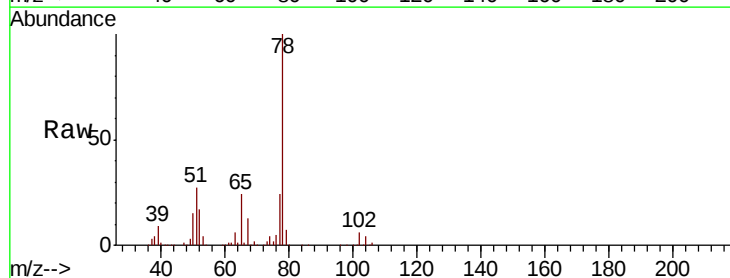


Abundance Ion 83.00 (82.70 to 83.70): VW
Ion 55.00 (54.70 to 55.70): VW
Ion 98.00 (97.70 to 98.70): VW

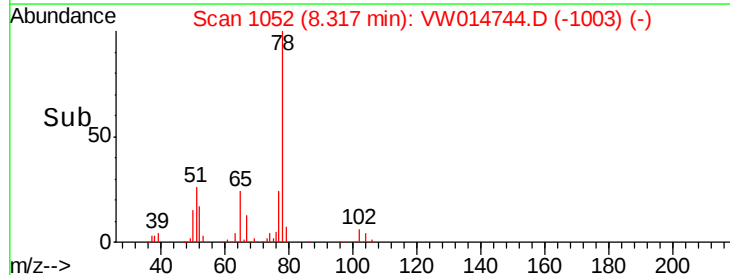
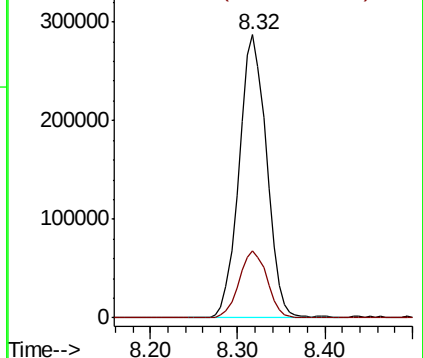


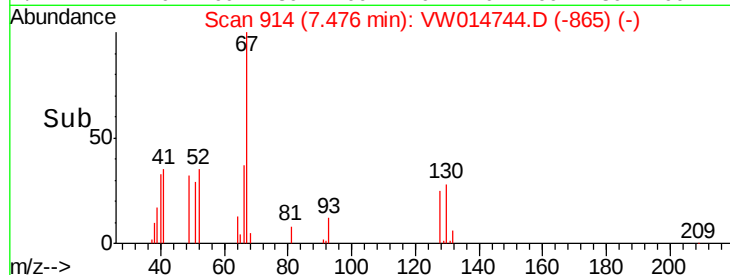
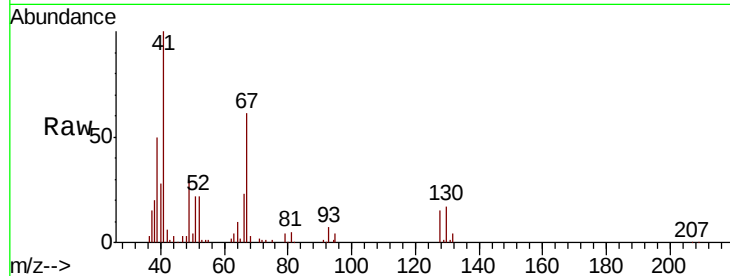
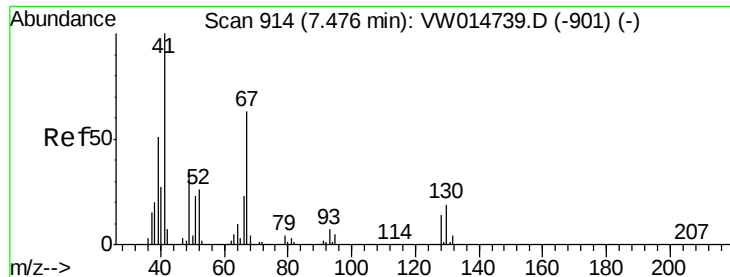
#40
Benzene
Concen: 21.476 ug/l
RT: 8.32 min Scan# 1052
Delta R.T. -0.00 min
Lab File: VW014744.D
Acq: 24 Jan 2020 15:14

Tgt Ion: 78 Resp: 629259
Ion Ratio Lower Upper
78 100
77 23.7 19.1 28.7



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

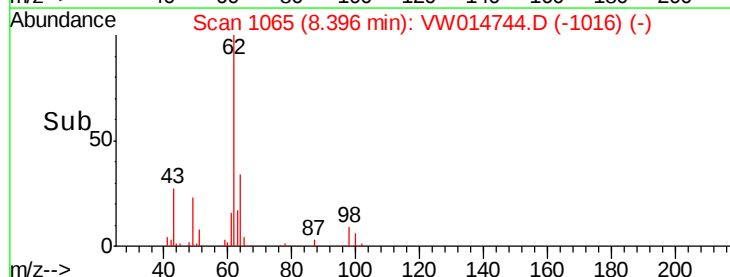
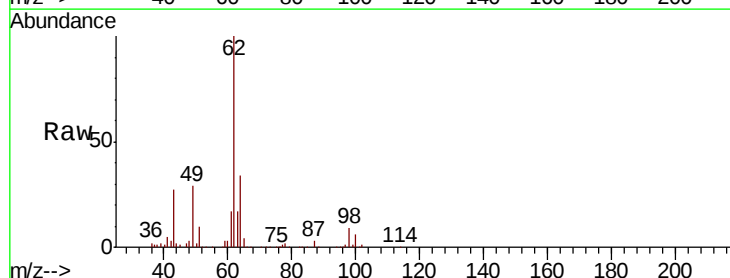
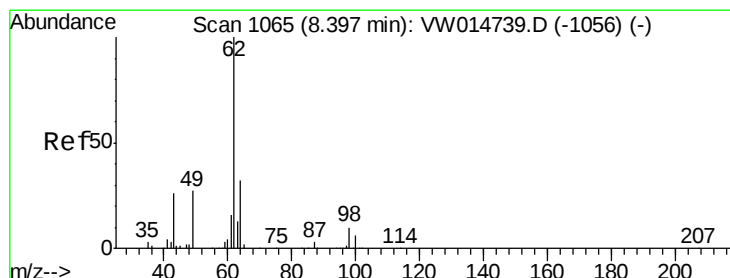
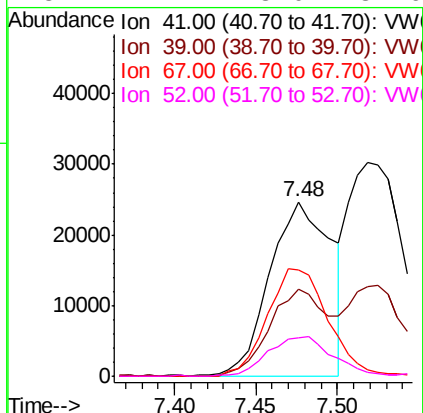




#41
Methacrylonitrile
Concen: 25.058 ug/l
RT: 7.48 min Scan# 914
Delta R.T. -0.00 min
Lab File: VW014744.D
Acq: 24 Jan 2020 15:14

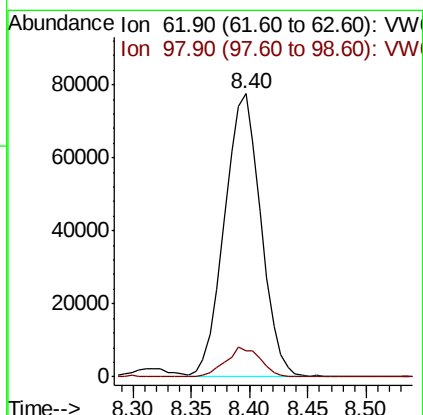
Instrument :
MSVOA_W
ClientSampleId :
VW0124SBS01

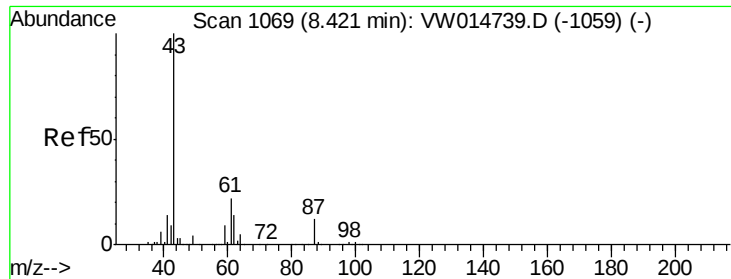
Tot Ion:	41	Resp:	63943
Ion	Ratio	Lower	Upper
41	100		
39	49.2	45.3	67.9
67	62.3	57.0	85.4
52	24.4	23.0	34.6



#42
1,2-Dichloroethane
Concen: 21.297 ug/l
RT: 8.40 min Scan# 1065
Delta R.T. -0.00 min
Lab File: VW014744.D
Acq: 24 Jan 2020 15:14

Tgt Ion:	62	Resp:	167687
Ion	Ratio	Lower	Upper
62	100		
98	10.2	0.0	19.6





#43

Isopropyl Acetate

Concen: 21.419 ug/l

RT: 8.42 min Scan# 1069

Delta R.T. -0.00 min

Lab File: VW014744.D

Acq: 24 Jan 2020 15:14

Instrument :

MSVOA_W

ClientSampled :

VW0124SBS01

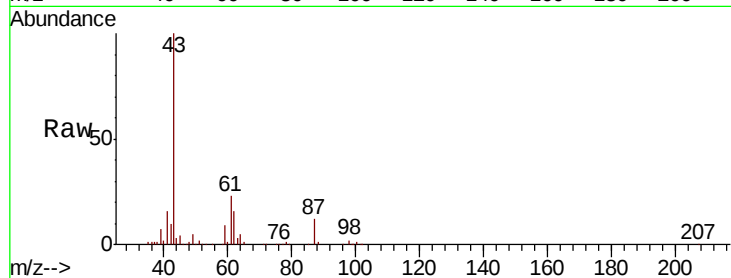
Tot Ion: 43 Resp: 180838

Ion Ratio Lower Upper

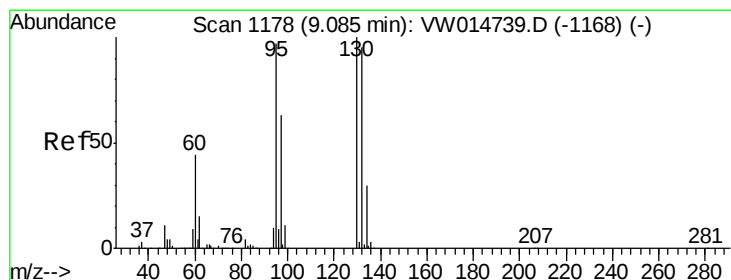
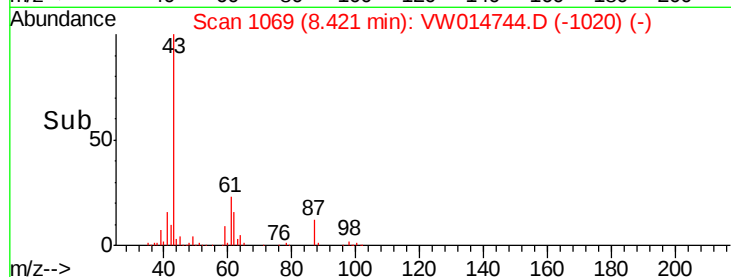
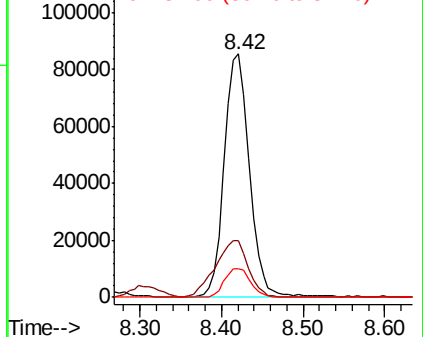
43 100

61 30.6 24.4 36.6

87 12.3 9.8 14.6



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: 21.564 ug/l

RT: 9.09 min Scan# 1178

Delta R.T. -0.00 min

Lab File: VW014744.D

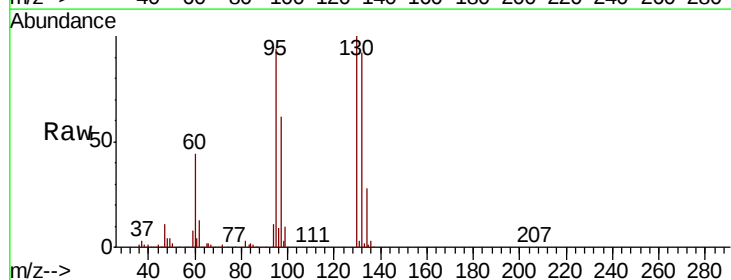
Acq: 24 Jan 2020 15:14

Tgt Ion:130 Resp: 161230

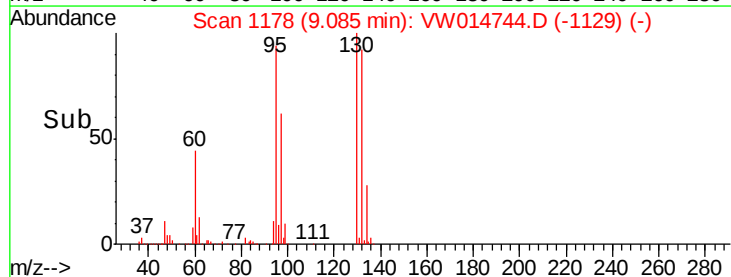
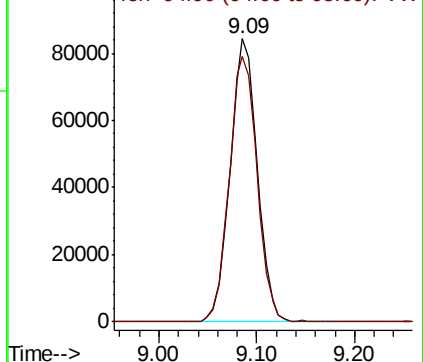
Ion Ratio Lower Upper

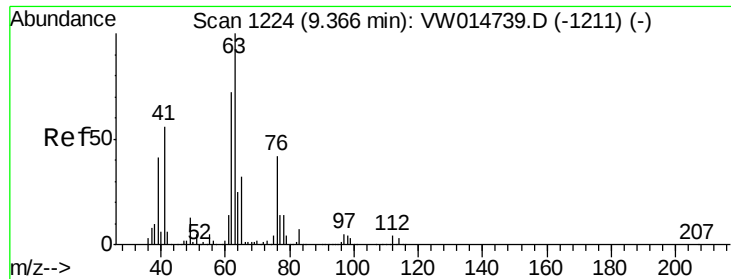
130 100

95 93.8 0.0 193.2



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





#45

1,2-Dichloropropane

Concen: 21.627 ug/l

RT: 9.37 min Scan# 1224

Delta R.T. -0.00 min

Lab File: VW014744.D

Acq: 24 Jan 2020 15:14

Instrument :

MSVOA_W

ClientSampleId :

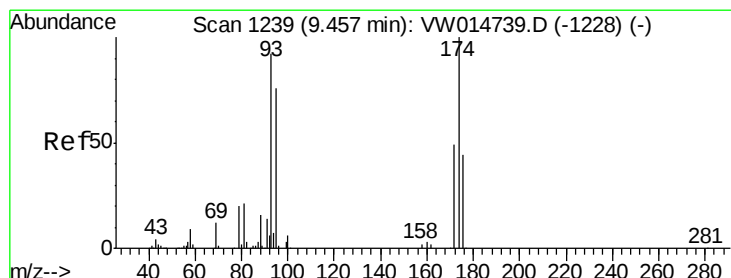
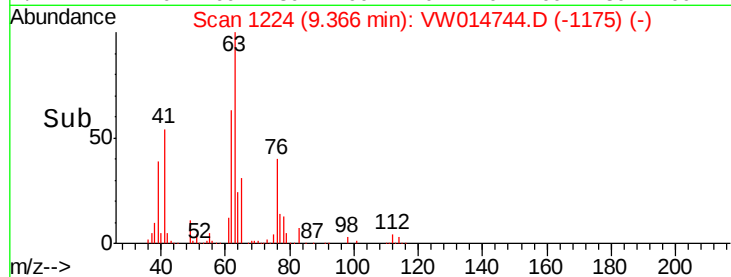
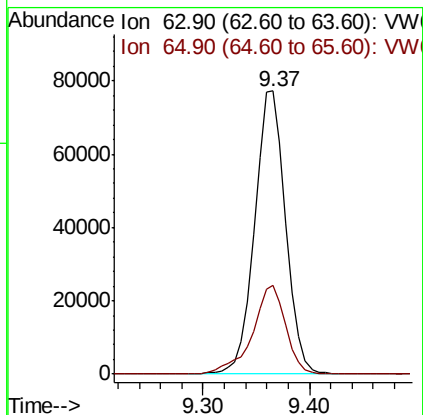
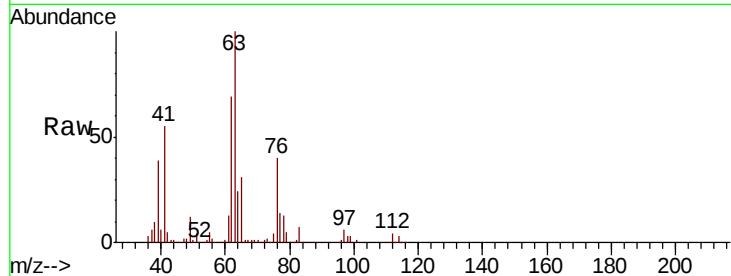
VW0124SBS01

Tot Ion: 63 Resp: 157209

Ion Ratio Lower Upper

63 100

65 31.3 25.3 37.9



#46

Dibromomethane

Concen: 21.061 ug/l

RT: 9.45 min Scan# 1238

Delta R.T. -0.01 min

Lab File: VW014744.D

Acq: 24 Jan 2020 15:14

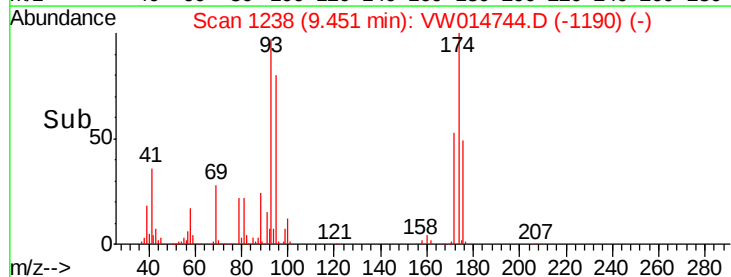
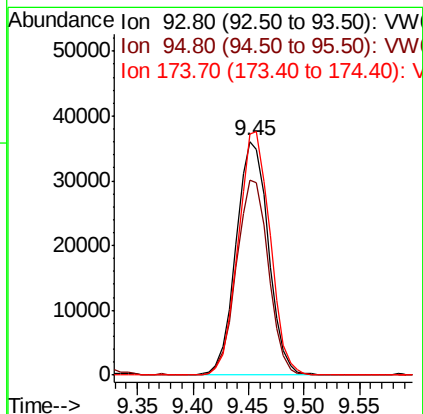
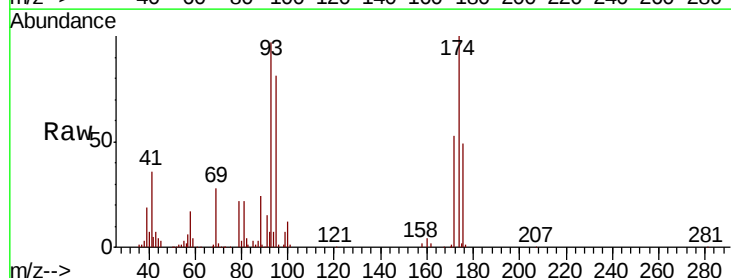
Tgt Ion: 93 Resp: 72557

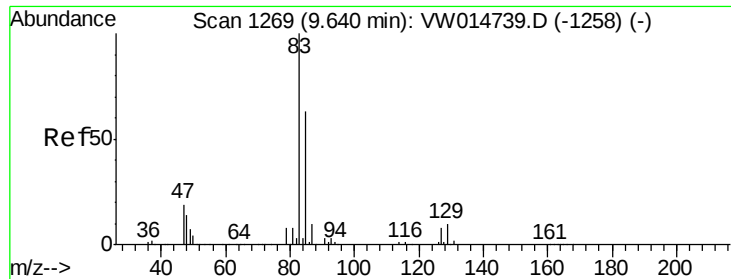
Ion Ratio Lower Upper

93 100

95 82.6 65.4 98.2

174 103.2 84.2 126.2

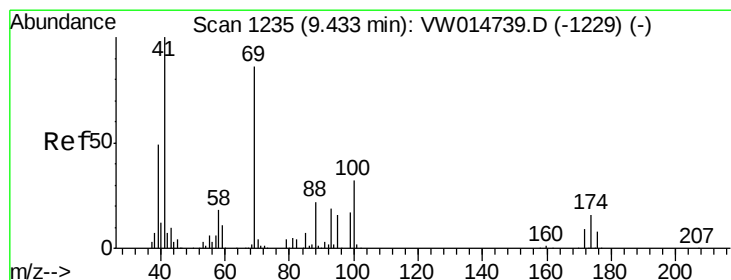
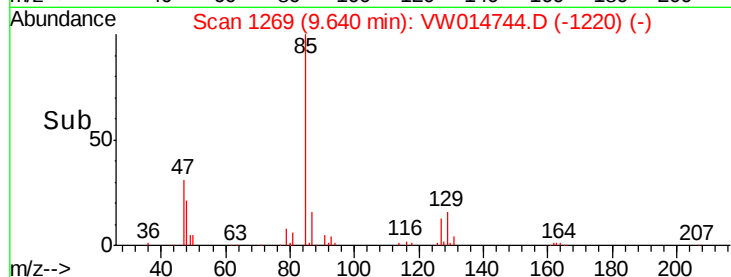
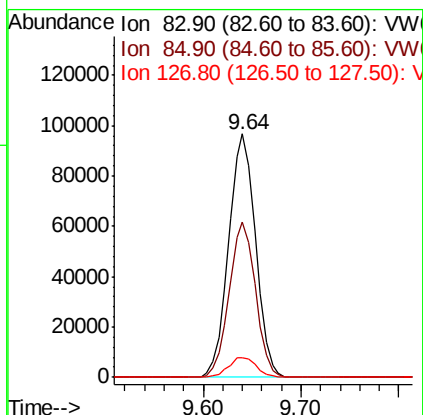
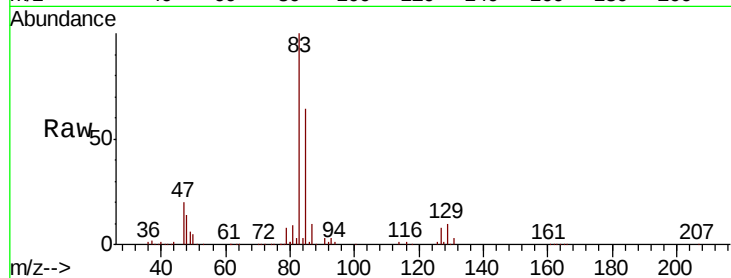




#47
 Bromodichloromethane
 Concen: 20.904 ug/l
 RT: 9.64 min Scan# 1269
 Delta R.T. -0.00 min
 Lab File: VW014744.D
 Acq: 24 Jan 2020 15:14

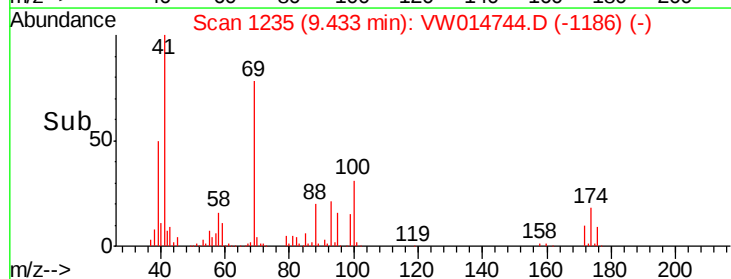
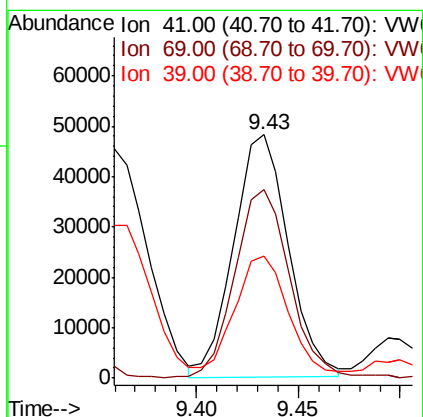
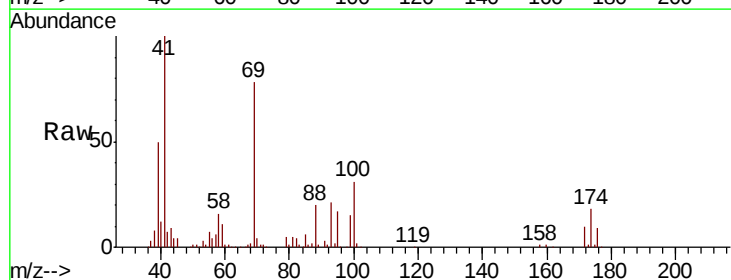
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0124SBS01

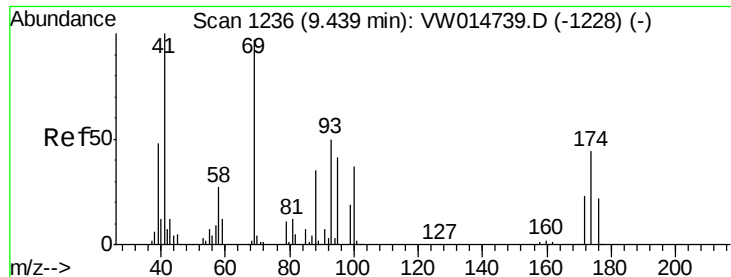
Tot Ion: 83 Resp: 184275
 Ion Ratio Lower Upper
 83 100
 85 63.7 50.1 75.1
 127 8.0 6.5 9.7



#48
 Methyl methacrylate
 Concen: 22.521 ug/l
 RT: 9.43 min Scan# 1235
 Delta R.T. -0.00 min
 Lab File: VW014744.D
 Acq: 24 Jan 2020 15:14

Tgt Ion: 41 Resp: 89619
 Ion Ratio Lower Upper
 41 100
 69 77.9 69.6 104.4
 39 45.2 40.2 60.4

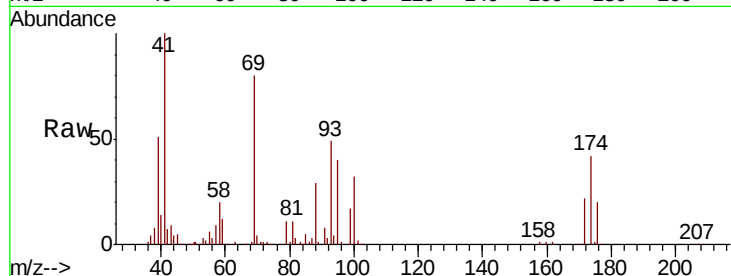




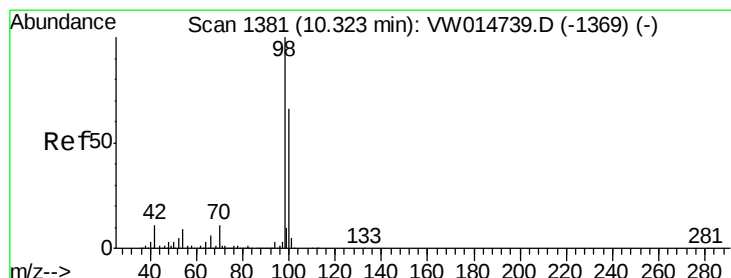
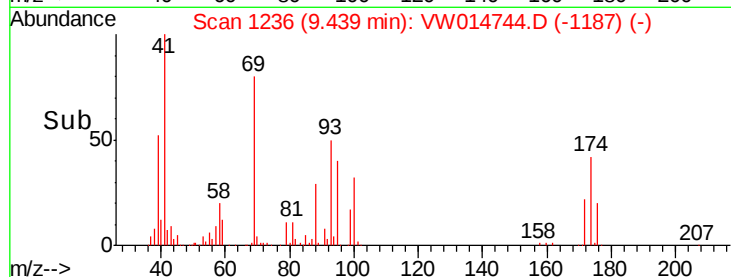
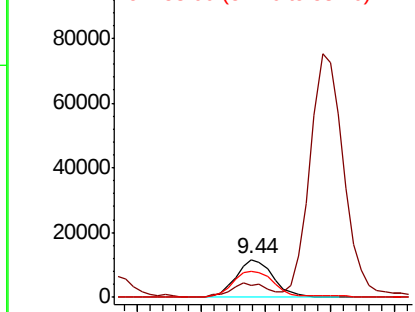
#49
 1,4-Dioxane
 Concen: 377.241 ug/l
 RT: 9.44 min Scan# 1236
 Delta R.T. -0.00 min
 Lab File: VW014744.D
 Acq: 24 Jan 2020 15:14

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0124SBS01

Tot Ion: 88 Resp: 23539
 Ion Ratio Lower Upper
 88 100
 43 35.8 27.1 40.7
 58 80.9 58.7 88.1

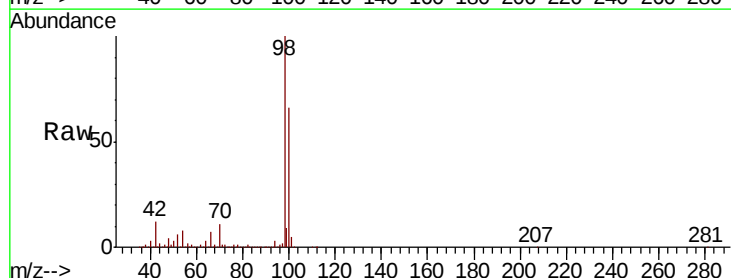


Abundance Ion 88.00 (87.70 to 88.70): VW
 Ion 43.00 (42.70 to 43.70): VW
 Ion 58.00 (57.70 to 58.70): VW

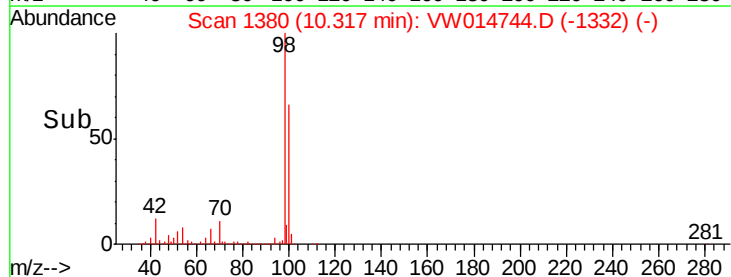
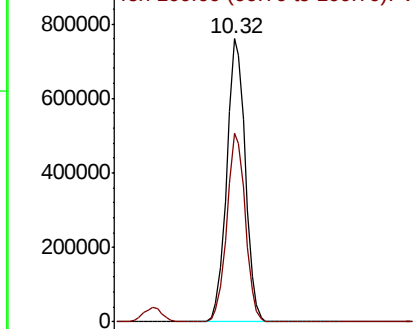


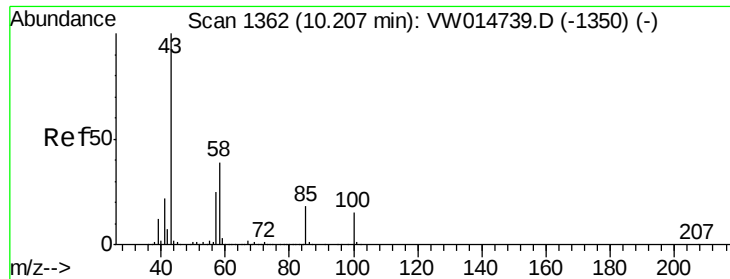
#50
 Toluene-d8
 Concen: 53.137 ug/l
 RT: 10.32 min Scan# 1380
 Delta R.T. -0.01 min
 Lab File: VW014744.D
 Acq: 24 Jan 2020 15:14

Tgt Ion: 98 Resp: 1319685
 Ion Ratio Lower Upper
 98 100
 100 66.3 52.6 79.0



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





#51

4-Methyl-2-Pentanone

Concen: 106.263 ug/l

RT: 10.21 min Scan# 1362

Delta R.T. -0.00 min

Lab File: VW014744.D

Acq: 24 Jan 2020 15:14

Instrument :

MSVOA_W

ClientSampleId :

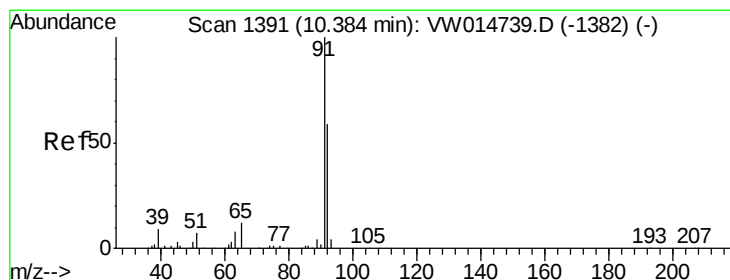
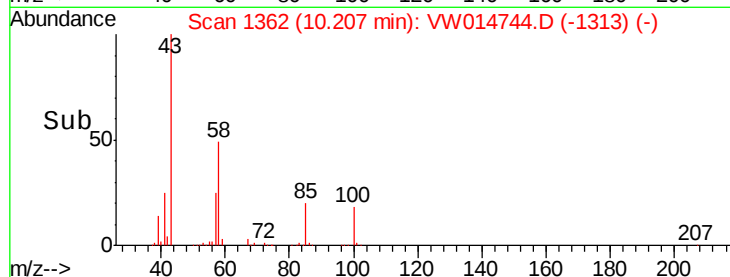
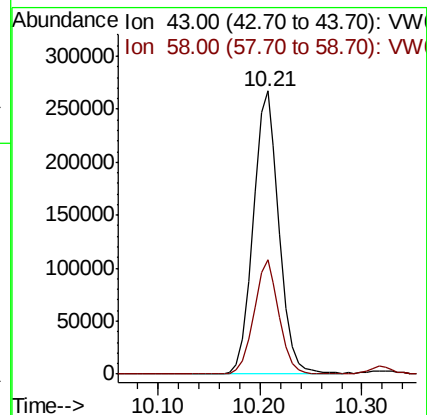
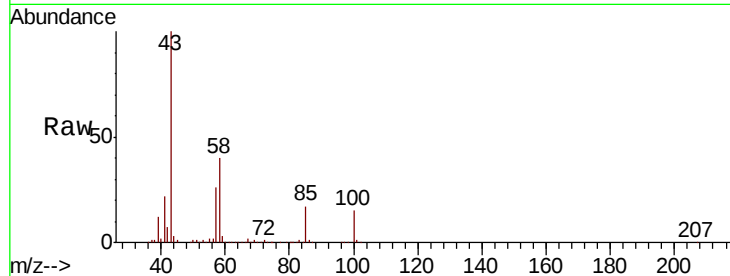
VW0124SBS01

Tot Ion: 43 Resp: 467135

Ion Ratio Lower Upper

43 100

58 39.3 31.4 47.0



#52

Toluene

Concen: 21.811 ug/l

RT: 10.38 min Scan# 1391

Delta R.T. -0.00 min

Lab File: VW014744.D

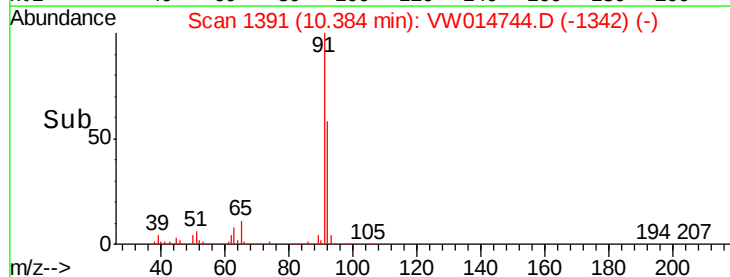
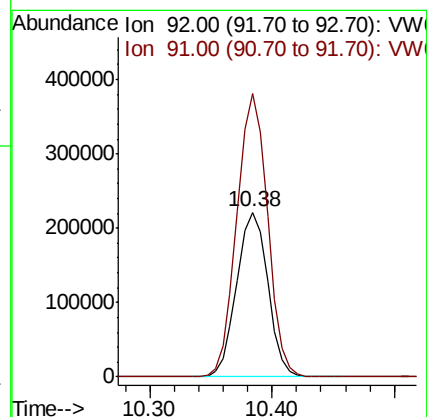
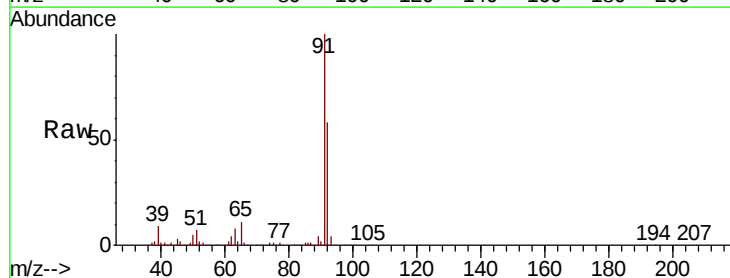
Acq: 24 Jan 2020 15:14

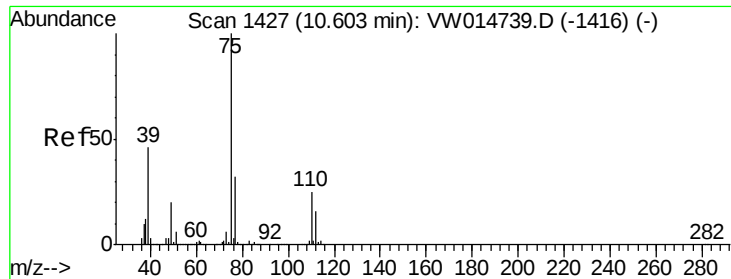
Tgt Ion: 92 Resp: 390167

Ion Ratio Lower Upper

92 100

91 169.6 135.8 203.8





#53

t-1,3-Dichloropropene

Concen: 20.983 ug/l

RT: 10.60 min Scan# 1427

Delta R.T. -0.00 min

Lab File: VW014744.D

Acq: 24 Jan 2020 15:14

Instrument :

MSVOA_W

ClientSampleId :

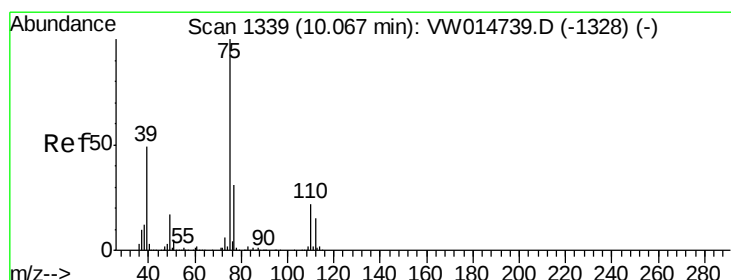
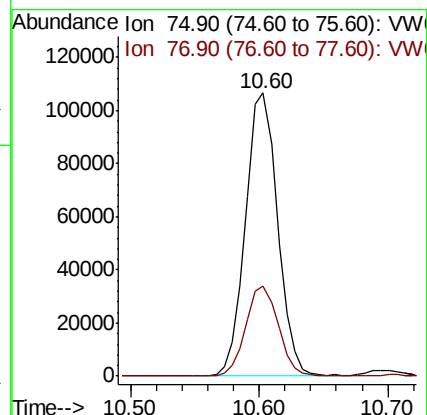
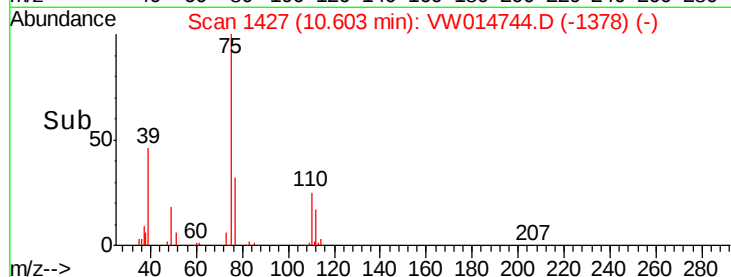
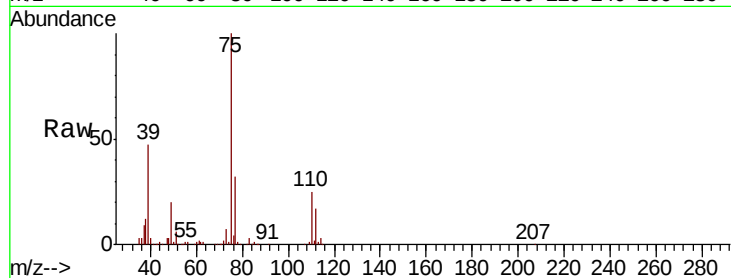
VW0124SBS01

Tot Ion: 75 Resp: 184164

Ion Ratio Lower Upper

75 100

77 32.0 25.7 38.5



#54

cis-1,3-Dichloropropene

Concen: 21.100 ug/l

RT: 10.07 min Scan# 1339

Delta R.T. -0.00 min

Lab File: VW014744.D

Acq: 24 Jan 2020 15:14

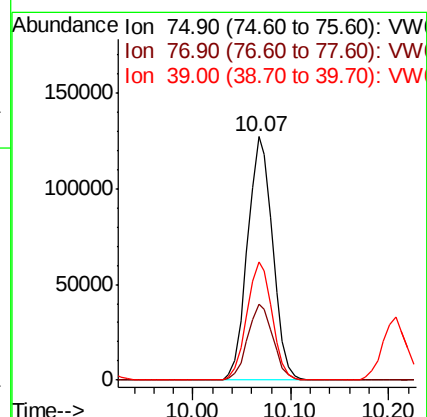
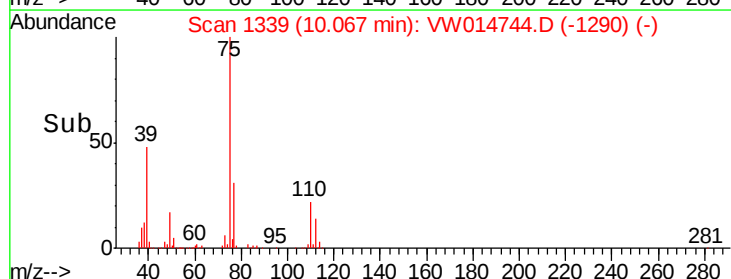
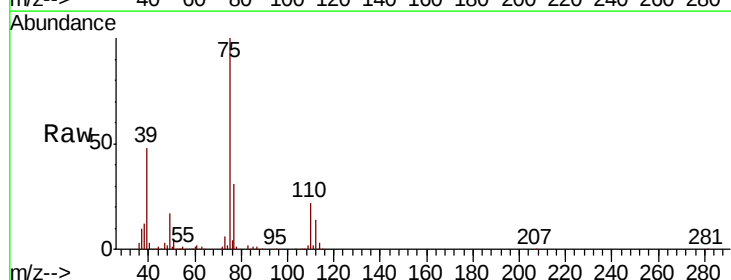
Tgt Ion: 75 Resp: 226853

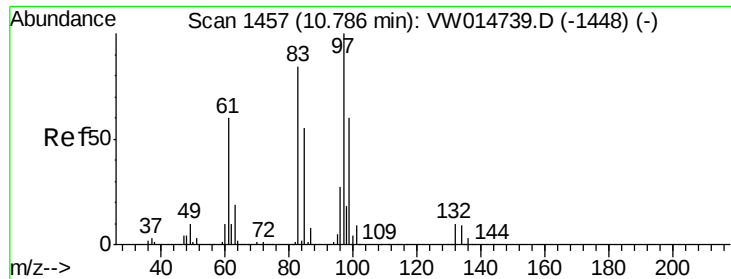
Ion Ratio Lower Upper

75 100

77 31.2 25.0 37.4

39 48.3 39.0 58.6





#55

1,1,2-Trichloroethane

Concen: 20.781 ug/l

RT: 10.78 min Scan# 1456

Delta R.T. -0.01 min

Lab File: VW014744.D

Acq: 24 Jan 2020 15:14

Instrument :

MSVOA_W

ClientSampleId :

VW0124SBS01

Tot Ion: 97 Resp: 102467

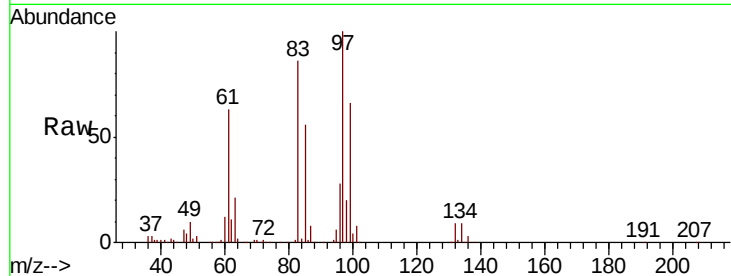
Ion Ratio Lower Upper

97 100

83 86.5 67.1 100.7

85 56.4 44.2 66.2

99 66.3 48.2 72.4

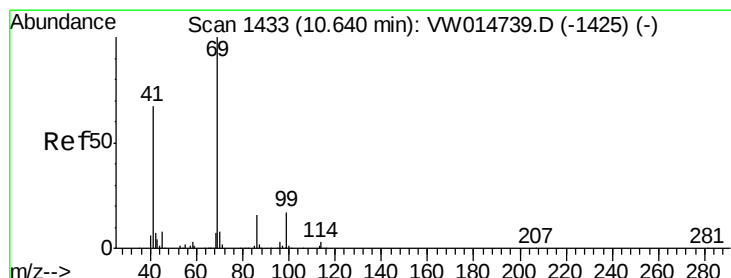
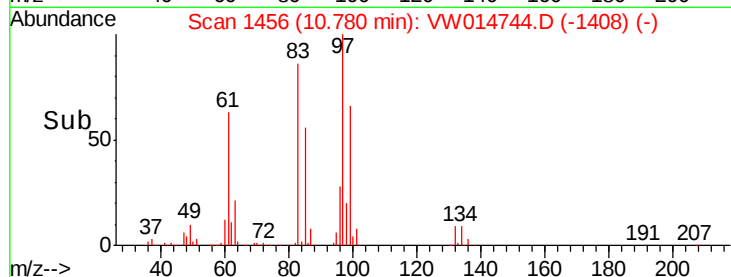
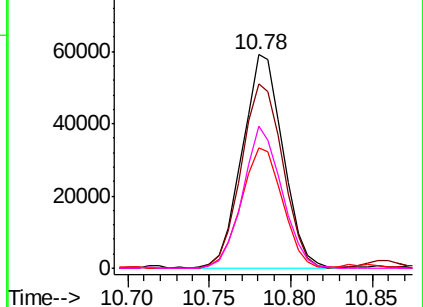


Abundance Ion 96.90 (96.60 to 97.60): VW

Ion 82.90 (82.60 to 83.60): VW

Ion 84.90 (84.60 to 85.60): VW

Ion 98.90 (98.60 to 99.60): VW



#56

Ethyl methacrylate

Concen: 20.984 ug/l

RT: 10.64 min Scan# 1433

Delta R.T. -0.00 min

Lab File: VW014744.D

Acq: 24 Jan 2020 15:14

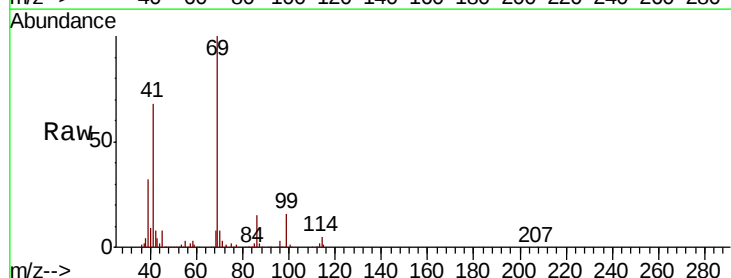
Tgt Ion: 69 Resp: 133344

Ion Ratio Lower Upper

69 100

41 67.5 54.4 81.6

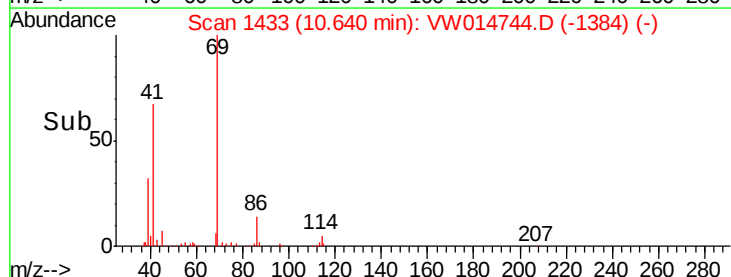
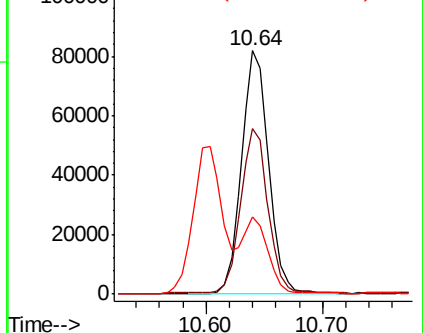
39 26.3 22.4 33.6

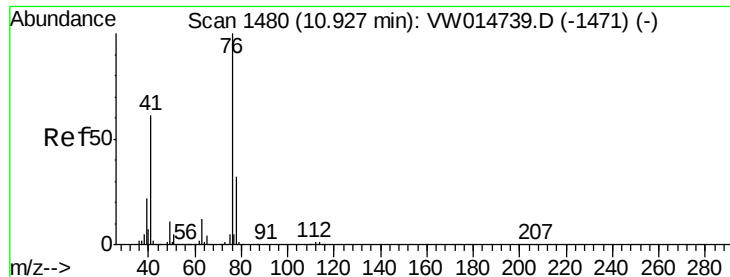


Abundance Ion 69.00 (68.70 to 69.70): VW

Ion 41.00 (40.70 to 41.70): VW

Ion 39.00 (38.70 to 39.70): VW





#57

1,3-Dichloropropane

Concen: 21.412 ug/l

RT: 10.93 min Scan# 1480

Delta R.T. -0.00 min

Lab File: VW014744.D

Acq: 24 Jan 2020 15:14

Instrument :

MSVOA_W

ClientSampleId :

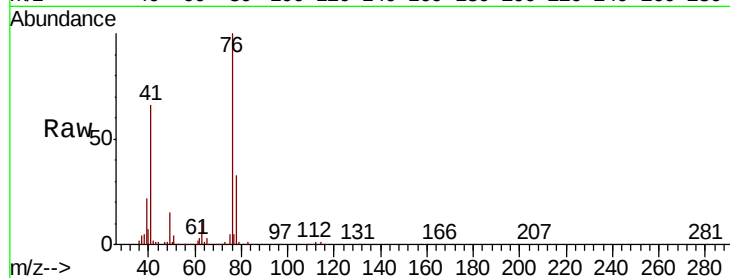
VW0124SBS01

Tot Ion: 76 Resp: 189288

Ion Ratio Lower Upper

76 100

78 32.0 25.7 38.5



Abundance Ion 75.90 (75.60 to 76.60): VW

Ion 77.90 (77.60 to 78.60): VW

10.93

120000

100000

80000

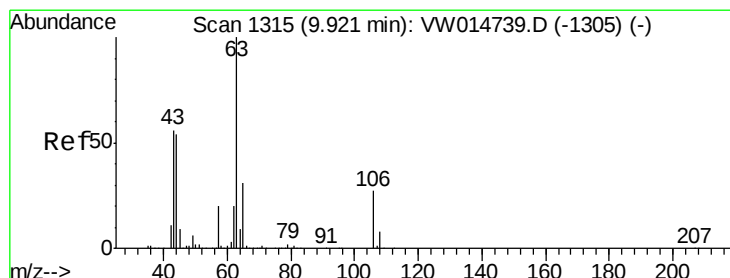
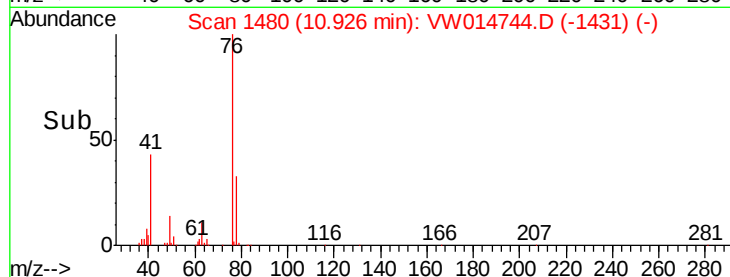
60000

40000

20000

0

Time-->



#58

2-Chloroethyl Vinyl ether

Concen: 94.829 ug/l

RT: 9.92 min Scan# 1315

Delta R.T. -0.00 min

Lab File: VW014744.D

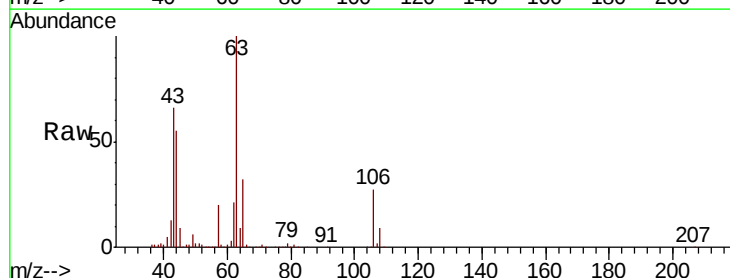
Acq: 24 Jan 2020 15:14

Tgt Ion: 63 Resp: 193748

Ion Ratio Lower Upper

63 100

106 27.0 21.8 32.8



Abundance Ion 62.90 (62.60 to 63.60): VW

Ion 105.90 (105.60 to 106.60): V

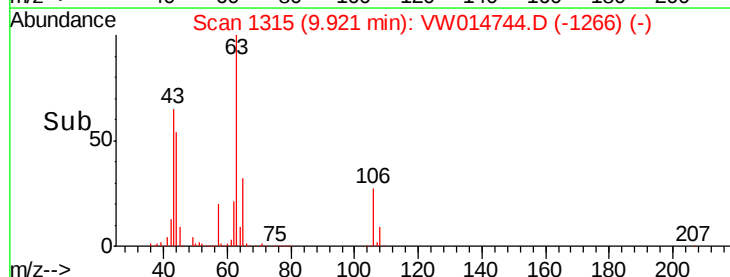
9.92

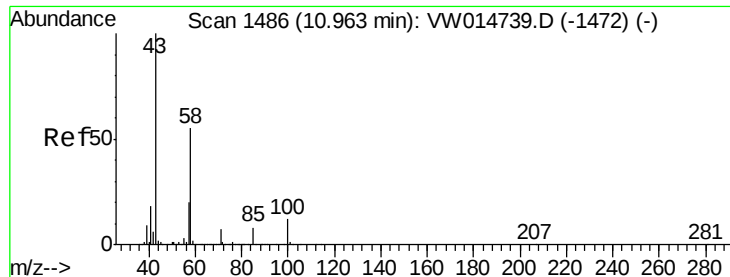
100000

50000

0

Time-->

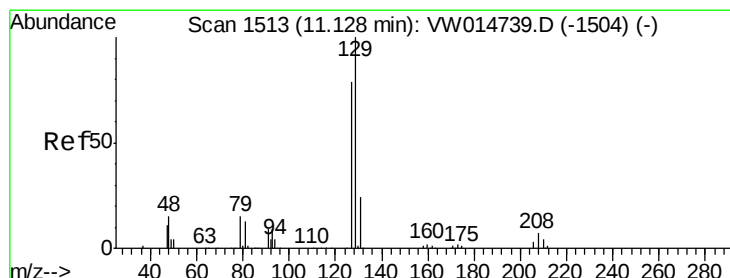
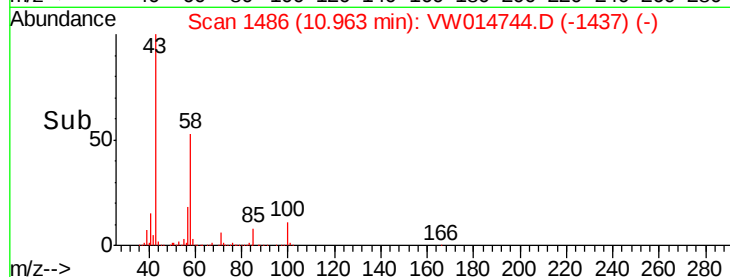
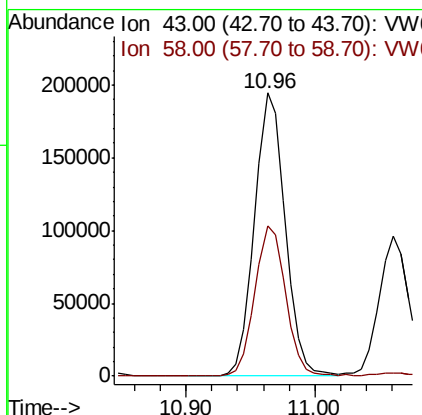
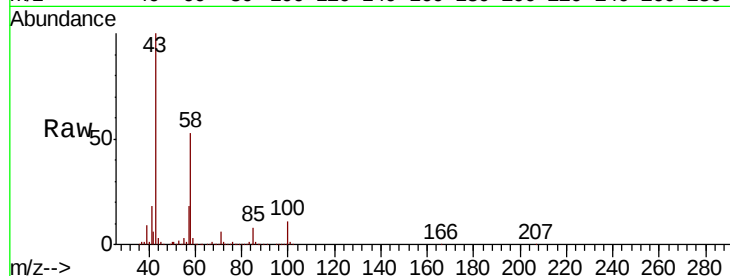




#59
2-Hexanone
Concen: 107.670 ug/l
RT: 10.96 min Scan# 1486
Delta R.T. -0.00 min
Lab File: VW014744.D
Acq: 24 Jan 2020 15:14

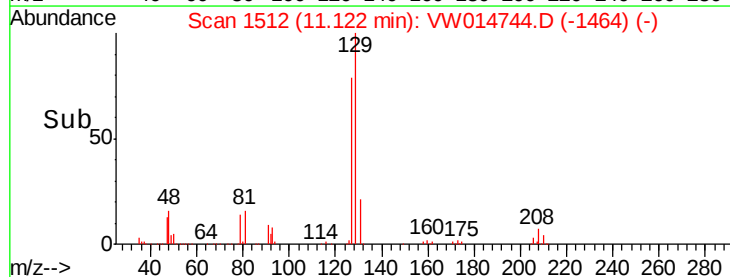
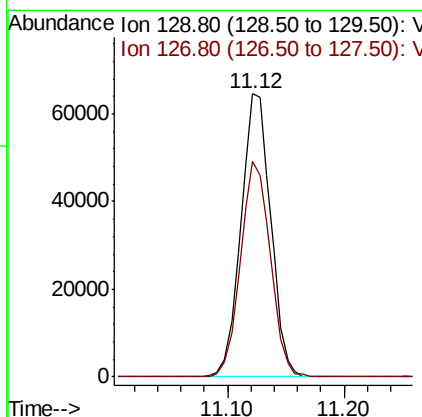
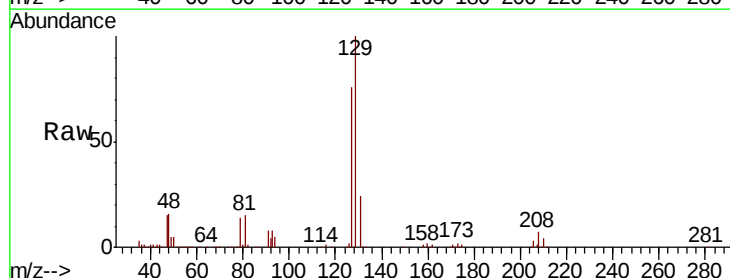
Instrument :
MSVOA_W
ClientSampleId :
VW0124SBS01

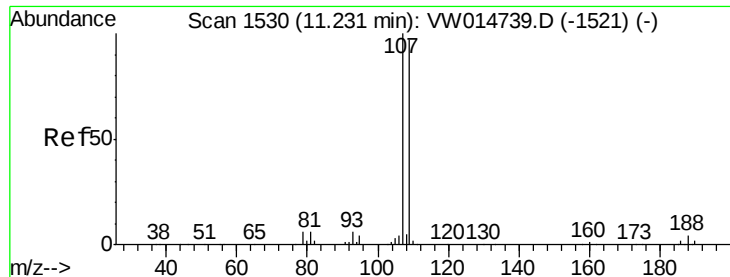
Tot Ion: 43 Resp: 318952
Ion Ratio Lower Upper
43 100
58 53.6 27.3 81.8



#60
Dibromochloromethane
Concen: 20.903 ug/l
RT: 11.12 min Scan# 1512
Delta R.T. -0.01 min
Lab File: VW014744.D
Acq: 24 Jan 2020 15:14

Tgt Ion: 129 Resp: 115187
Ion Ratio Lower Upper
129 100
127 75.9 39.9 119.6





#61

1,2-Dibromoethane

Concen: 20.948 ug/l

RT: 11.23 min Scan# 1530

Delta R.T. -0.00 min

Lab File: VW014744.D

Acq: 24 Jan 2020 15:14

Instrument :

MSVOA_W

ClientSampleId :

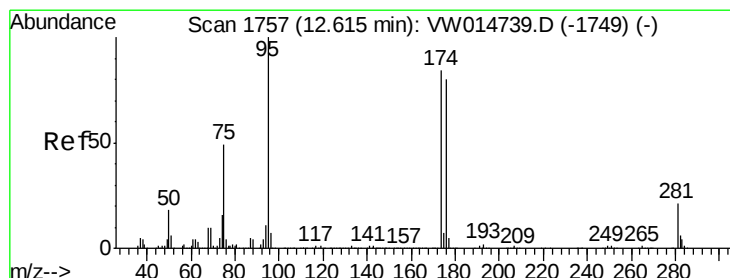
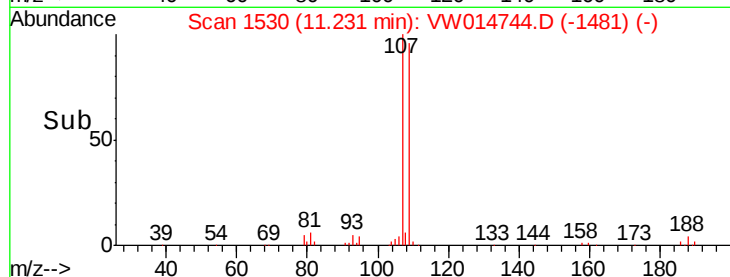
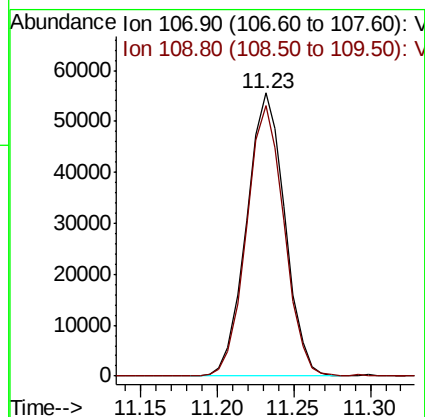
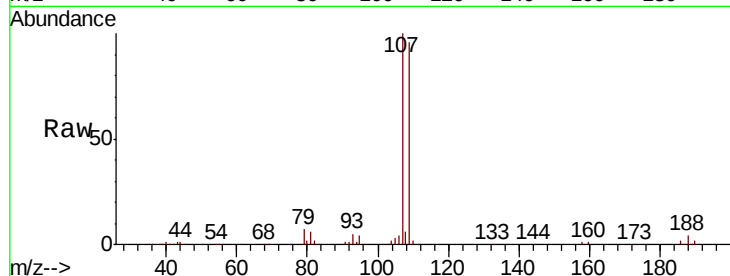
VW0124SBS01

Tot Ion:107 Resp: 96630

Ion Ratio Lower Upper

107 100

109 94.3 76.7 115.1



#62

4-Bromofluorobenzene

Concen: 52.733 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. -0.00 min

Lab File: VW014744.D

Acq: 24 Jan 2020 15:14

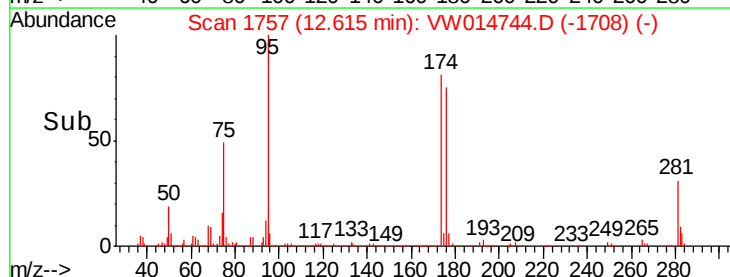
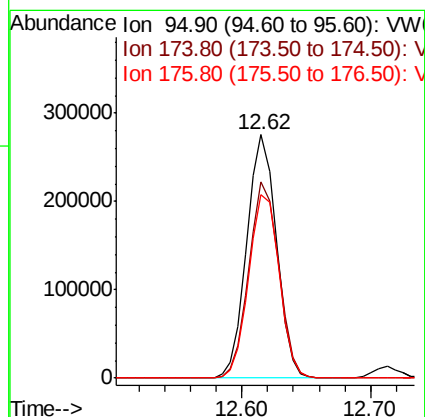
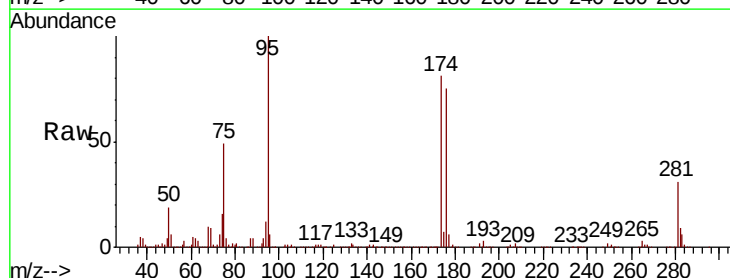
Tgt Ion: 95 Resp: 437875

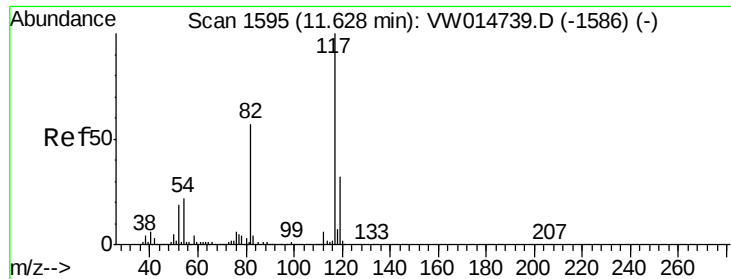
Ion Ratio Lower Upper

95 100

174 81.1 0.0 163.0

176 77.6 0.0 159.2

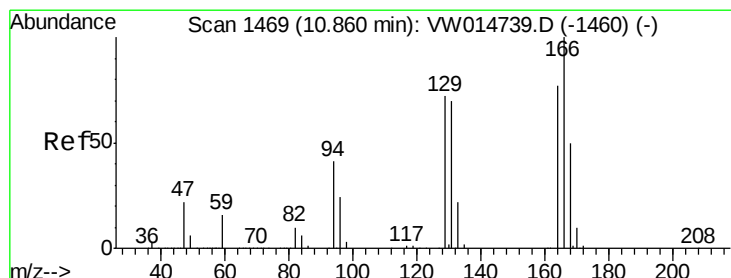
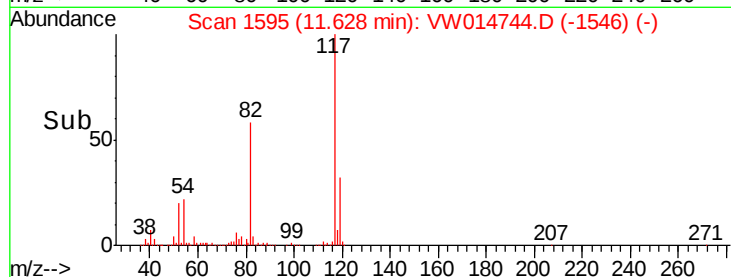
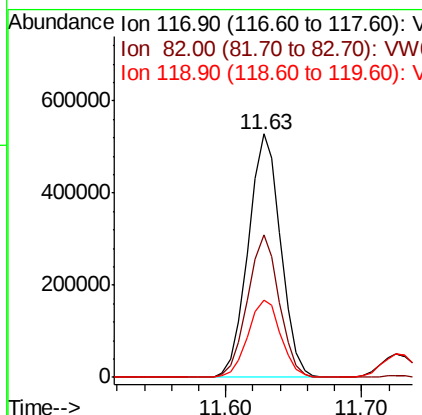
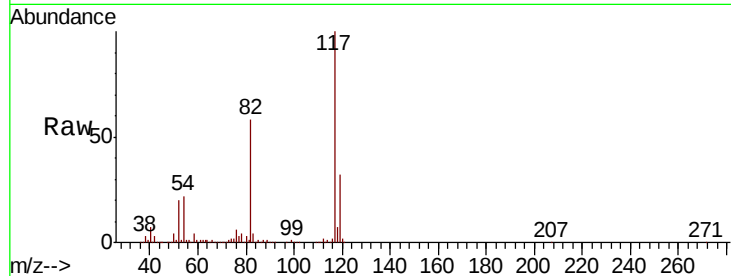




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1595
Delta R.T. -0.00 min
Lab File: VW014744.D
Acq: 24 Jan 2020 15:14

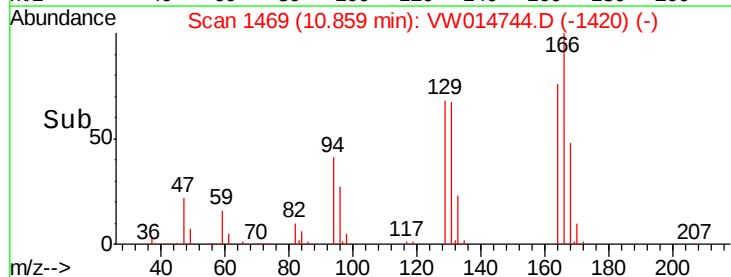
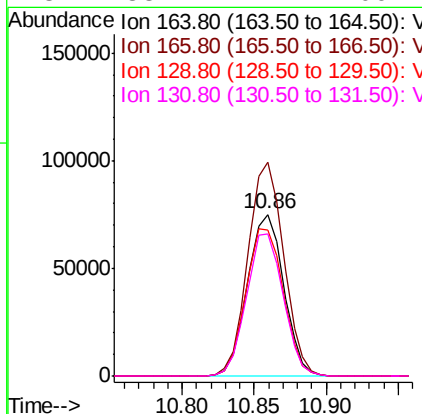
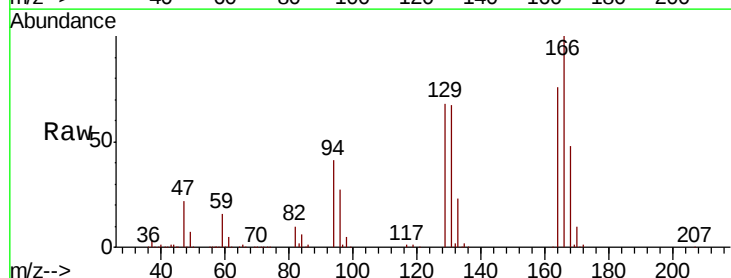
Instrument :
MSVOA_W
ClientSampleId :
VW0124SBS01

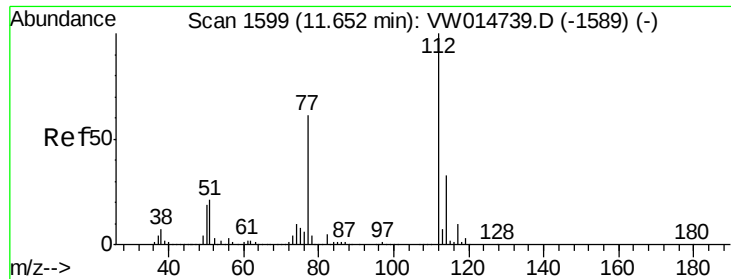
Tot Ion:117 Resp: 881996
Ion Ratio Lower Upper
117 100
82 58.4 45.9 68.9
119 31.8 25.7 38.5



#64
Tetrachloroethene
Concen: 21.412 ug/l
RT: 10.86 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VW014744.D
Acq: 24 Jan 2020 15:14

Tgt Ion:164 Resp: 130785
Ion Ratio Lower Upper
164 100
166 132.2 104.0 156.0
129 90.5 75.0 112.4
131 88.1 72.7 109.1





#65

Chlorobenzene

Concen: 21.553 ug/l

RT: 11.65 min Scan# 1599

Delta R.T. -0.00 min

Lab File: VW014744.D

Acq: 24 Jan 2020 15:14

Instrument :

MSVOA_W

ClientSampleId :

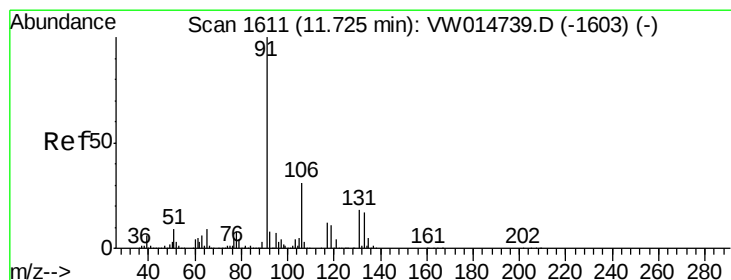
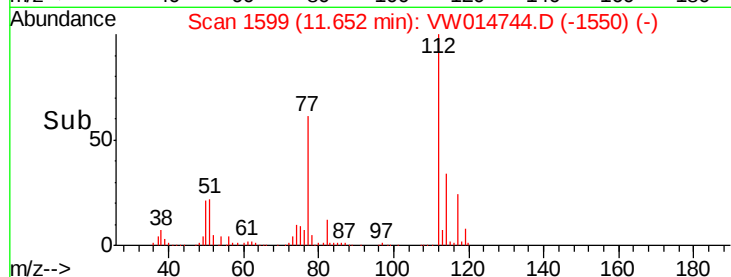
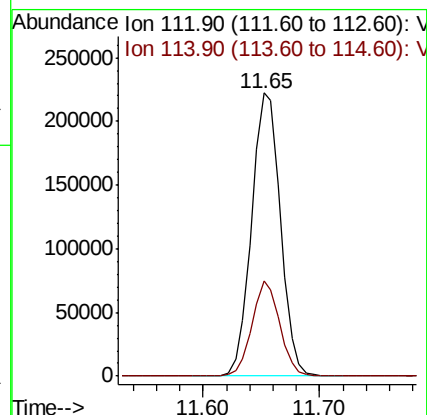
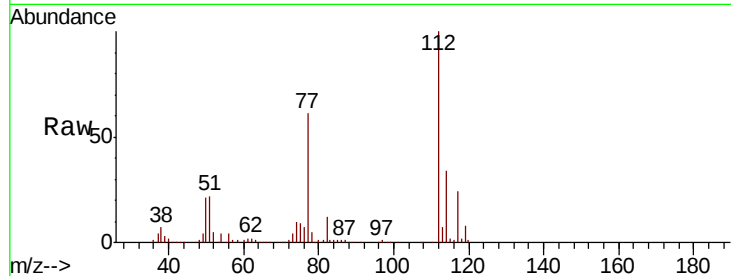
VW0124SBS01

Tot Ion:112 Resp: 384621

Ion Ratio Lower Upper

112 100

114 33.9 26.0 39.0



#66

1,1,1,2-Tetrachloroethane

Concen: 21.408 ug/l

RT: 11.73 min Scan# 1611

Delta R.T. -0.00 min

Lab File: VW014744.D

Acq: 24 Jan 2020 15:14

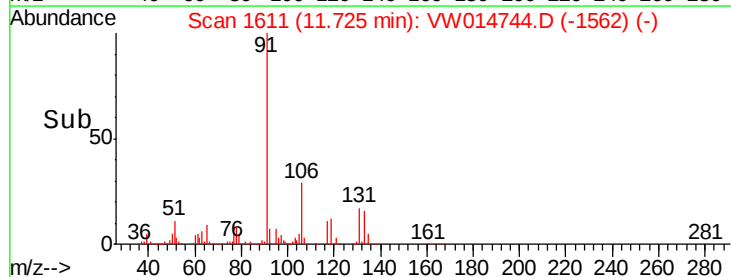
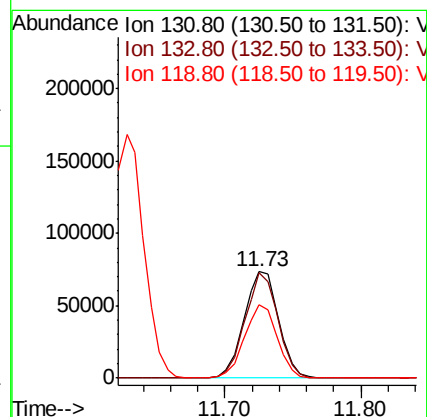
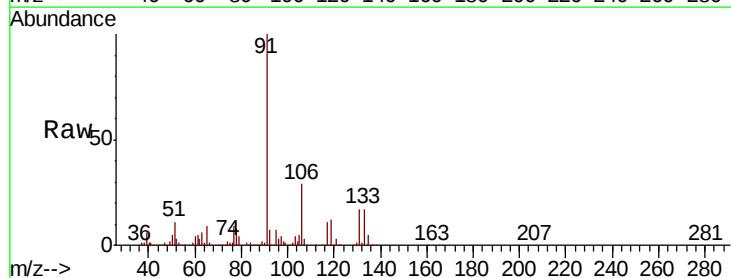
Tgt Ion:131 Resp: 129385

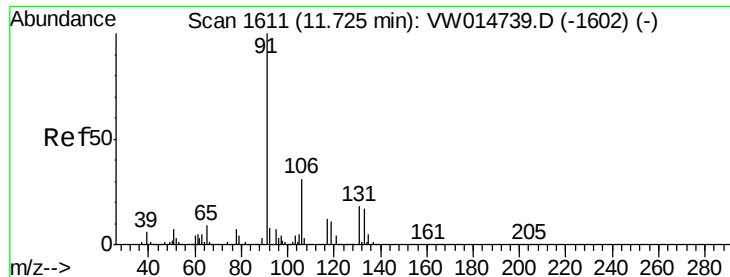
Ion Ratio Lower Upper

131 100

133 94.9 48.0 144.2

119 66.1 33.0 98.9

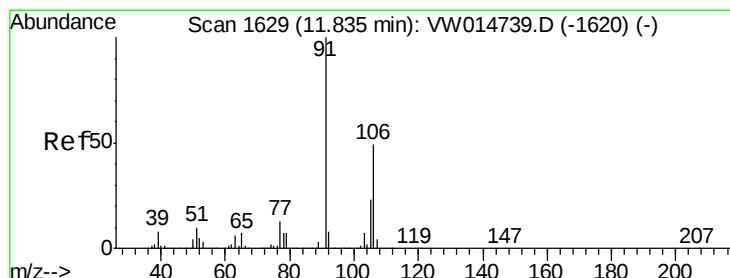
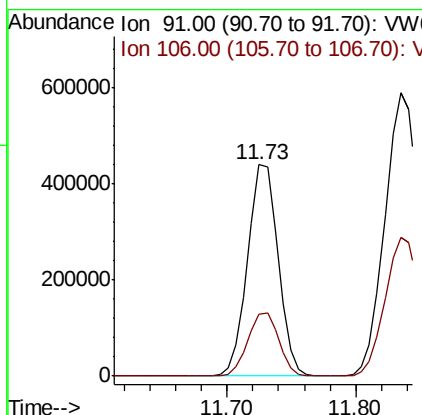
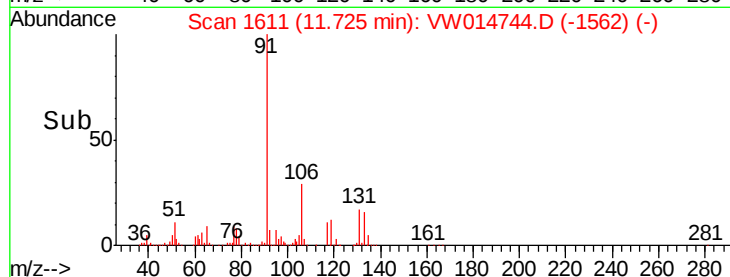
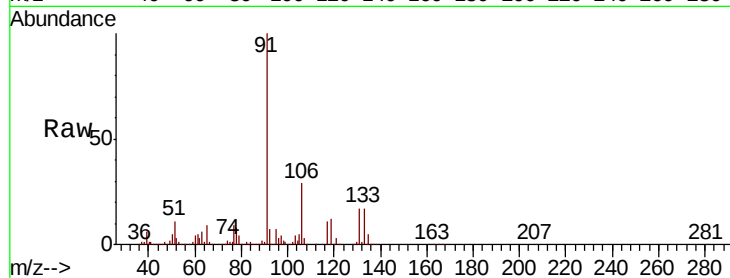




#67
Ethyl Benzene
Concen: 22.175 ug/l
RT: 11.73 min Scan# 1611
Delta R.T. -0.00 min
Lab File: VW014744.D
Acq: 24 Jan 2020 15:14

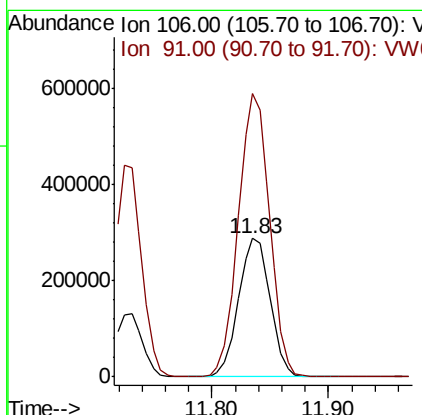
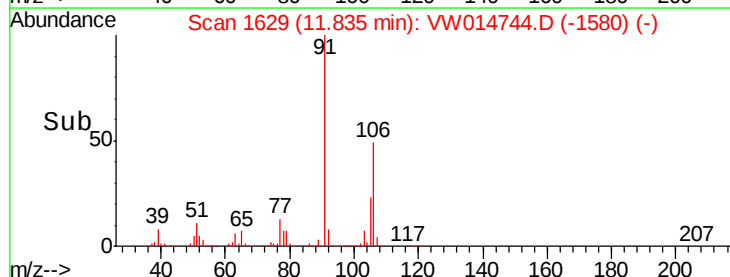
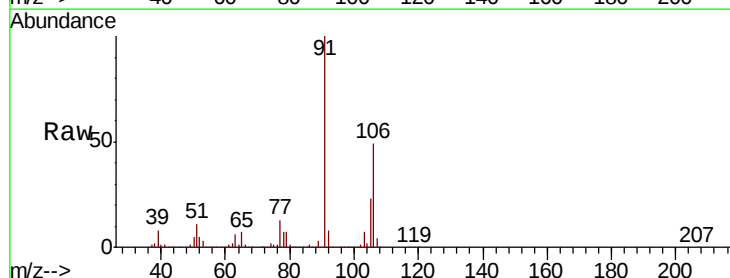
Instrument :
MSVOA_W
ClientSampleId :
VW0124SBS01

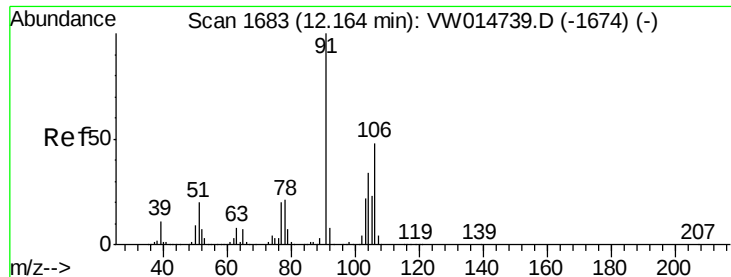
Tot Ion: 91 Resp: 720926
Ion Ratio Lower Upper
91 100
106 29.4 24.5 36.7



#68
m/p-Xylenes
Concen: 44.416 ug/l
RT: 11.83 min Scan# 1629
Delta R.T. -0.00 min
Lab File: VW014744.D
Acq: 24 Jan 2020 15:14

Tgt Ion: 106 Resp: 545862
Ion Ratio Lower Upper
106 100
91 201.6 161.4 242.0

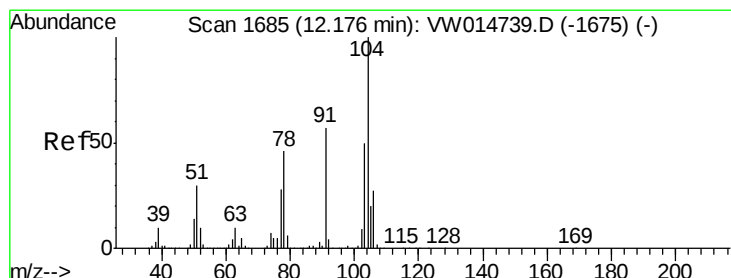
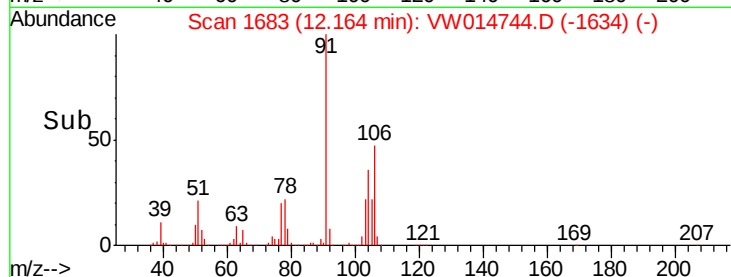
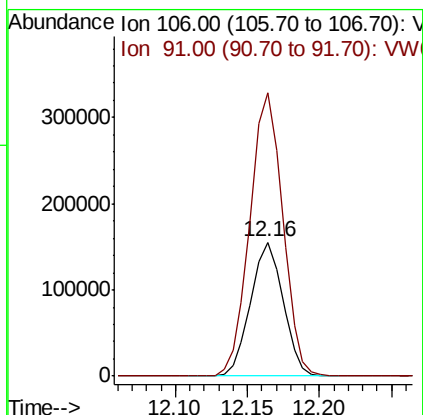
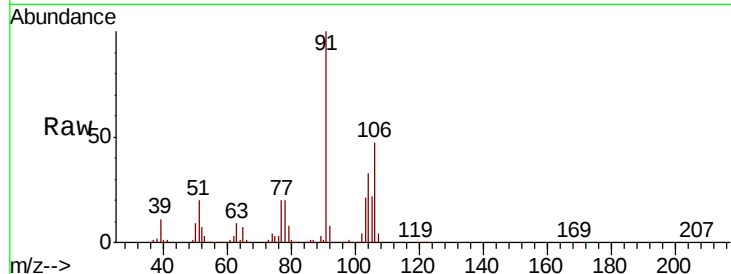




#69
o-Xylene
Concen: 22.016 ug/l
RT: 12.16 min Scan# 1683
Delta R.T. -0.00 min
Lab File: VW014744.D
Acq: 24 Jan 2020 15:14

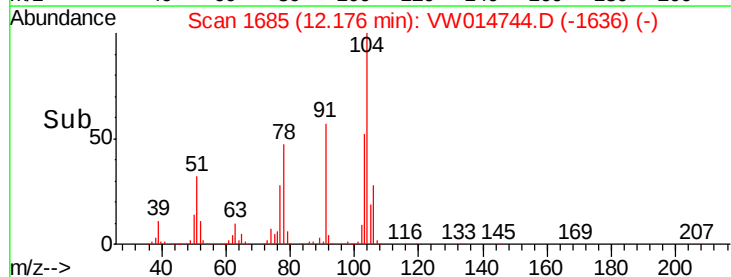
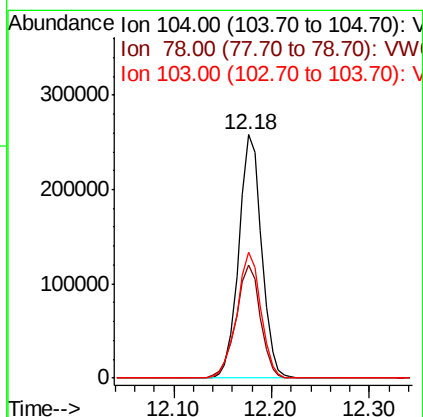
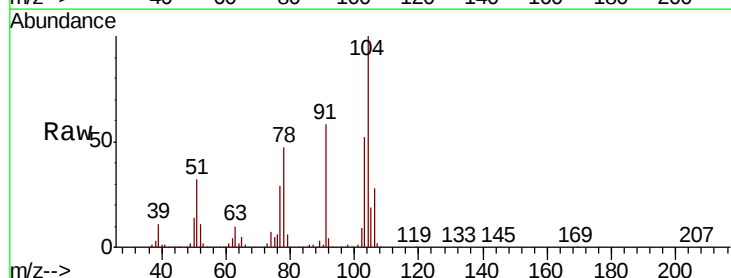
Instrument :
MSVOA_W
ClientSampleId :
VW0124SBS01

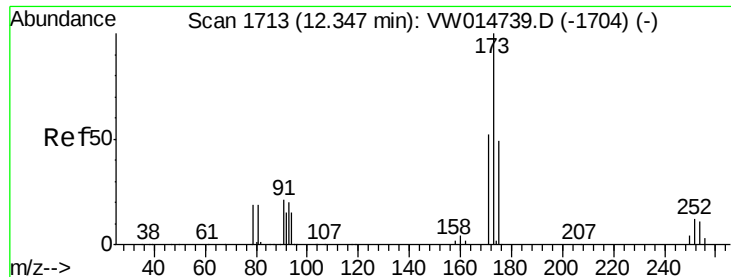
Tot Ion:106 Resp: 244187
Ion Ratio Lower Upper
106 100
91 212.9 107.1 321.3



#70
Styrene
Concen: 21.925 ug/l
RT: 12.18 min Scan# 1685
Delta R.T. -0.00 min
Lab File: VW014744.D
Acq: 24 Jan 2020 15:14

Tgt Ion:104 Resp: 418008
Ion Ratio Lower Upper
104 100
78 49.9 39.8 59.8
103 54.8 44.0 66.0

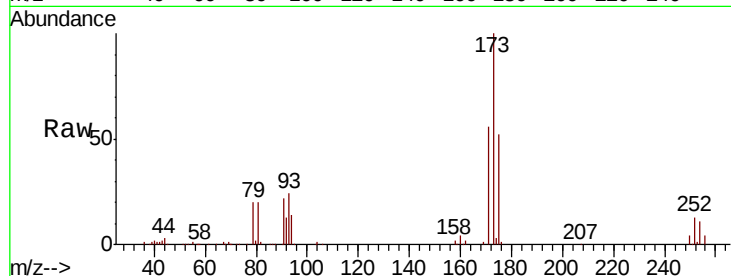




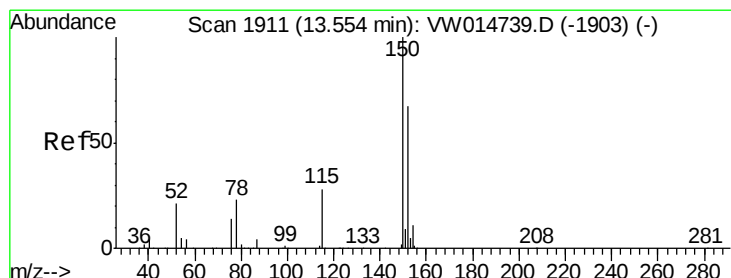
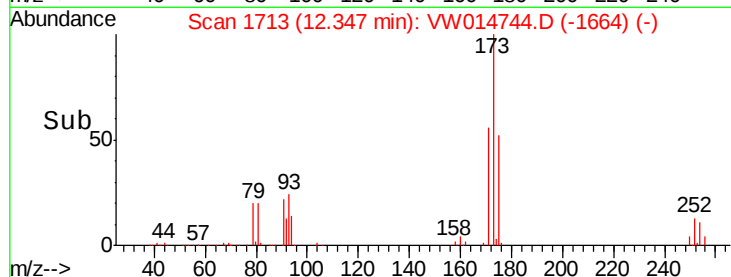
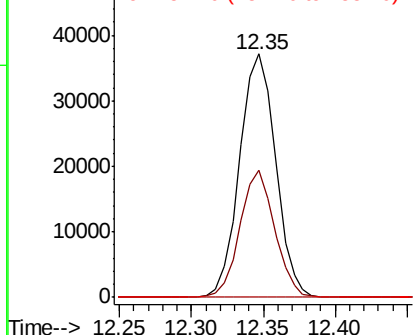
#71
Bromoform
Concen: 20.852 ug/l
RT: 12.35 min Scan# 1713
Delta R.T. -0.00 min
Lab File: VW014744.D
Acq: 24 Jan 2020 15:14

Instrument :
MSVOA_W
ClientSampleId :
VW0124SBS01

Tot Ion:173 Resp: 64566
Ion Ratio Lower Upper
173 100
175 50.0 24.4 73.2
254 0.1 0.1 0.1

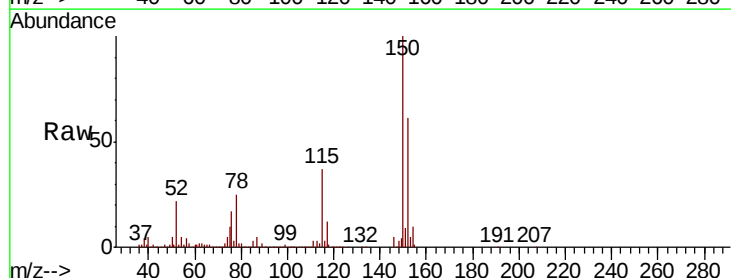


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

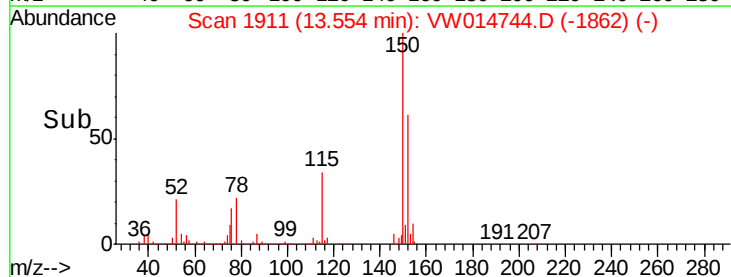
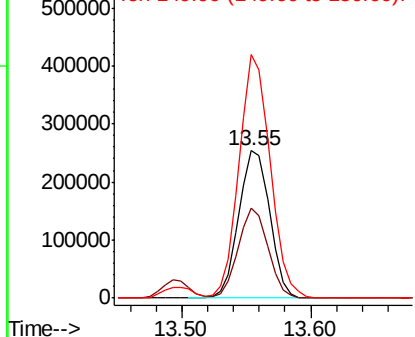


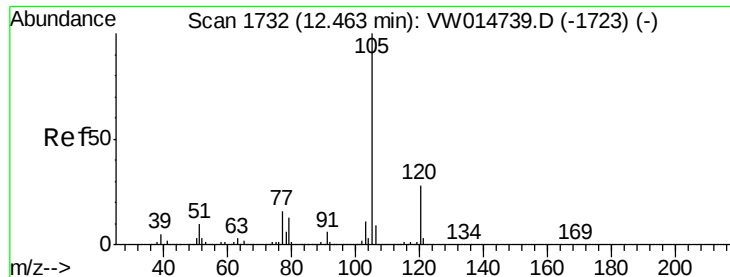
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.55 min Scan# 1911
Delta R.T. -0.00 min
Lab File: VW014744.D
Acq: 24 Jan 2020 15:14

Tgt Ion:152 Resp: 422411
Ion Ratio Lower Upper
152 100
115 58.8 29.0 87.1
150 166.1 0.0 354.0



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 22.894 ug/l

RT: 12.46 min Scan# 1732

Delta R.T. -0.00 min

Lab File: VW014744.D

Acq: 24 Jan 2020 15:14

Instrument :

MSVOA_W

ClientSampleId :

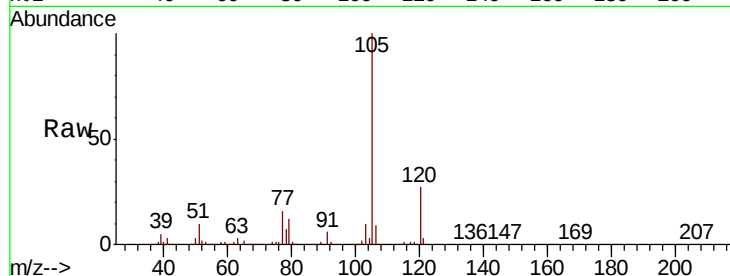
VW0124SBS01

Tot Ion:105 Resp: 686225

Ion Ratio Lower Upper

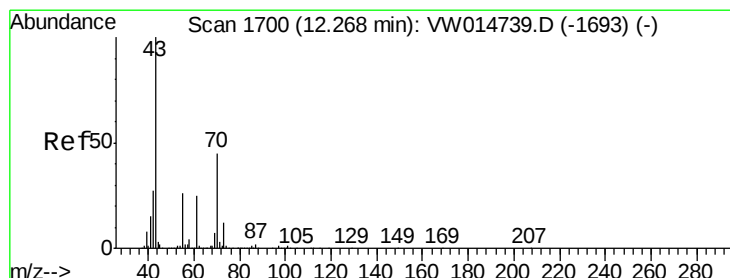
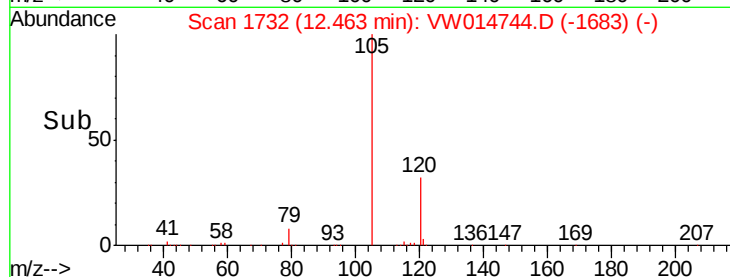
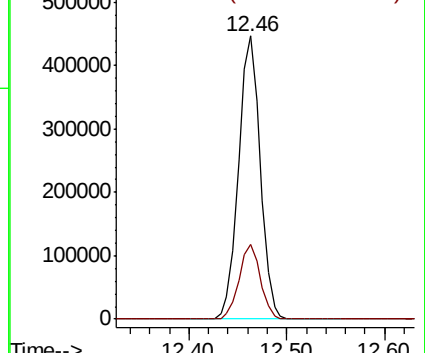
105 100

120 26.0 13.6 40.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 22.072 ug/l

RT: 12.27 min Scan# 1700

Delta R.T. -0.00 min

Lab File: VW014744.D

Acq: 24 Jan 2020 15:14

Tgt Ion: 43 Resp: 157568

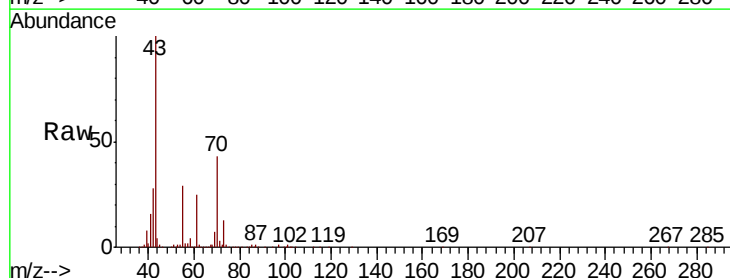
Ion Ratio Lower Upper

43 100

70 42.0 34.6 52.0

55 26.3 20.6 30.8

61 24.1 19.4 29.2

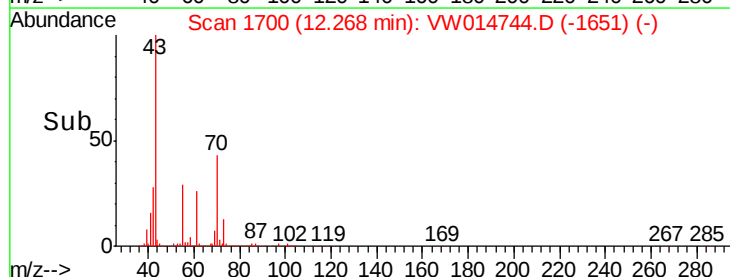
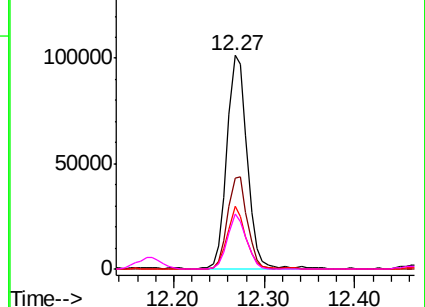


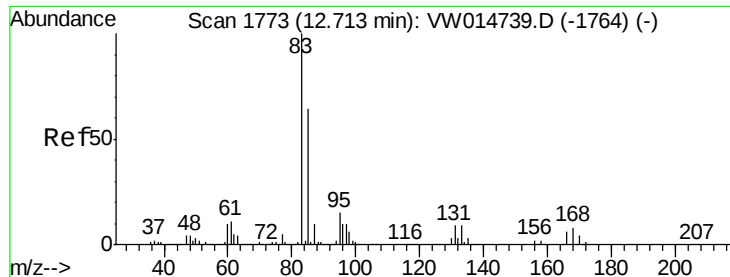
Abundance Ion 43.00 (42.70 to 43.70): VV

Ion 70.00 (69.70 to 70.70): VV

Ion 55.00 (54.70 to 55.70): VV

Ion 61.00 (60.70 to 61.70): VV





#75

1,1,2,2-Tetrachloroethane

Concen: 21.993 ug/l

RT: 12.71 min Scan# 1773

Delta R.T. -0.00 min

Lab File: VW014744.D

Acq: 24 Jan 2020 15:14

Instrument :

MSVOA_W

ClientSampleId :

VW0124SBS01

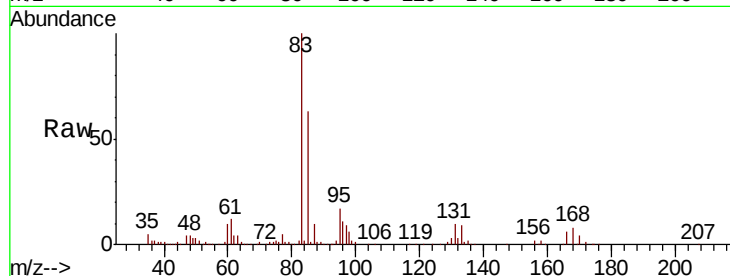
Tot Ion: 83 Resp: 120324

Ion Ratio Lower Upper

83 100

131 10.3 5.1 15.4

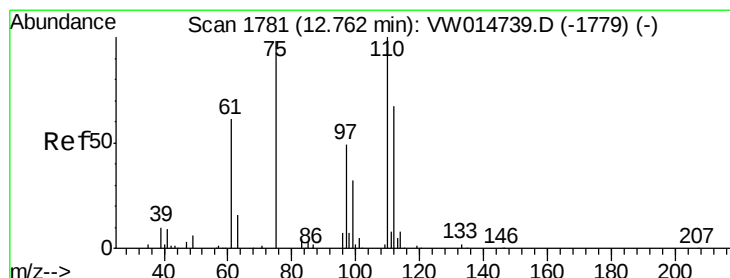
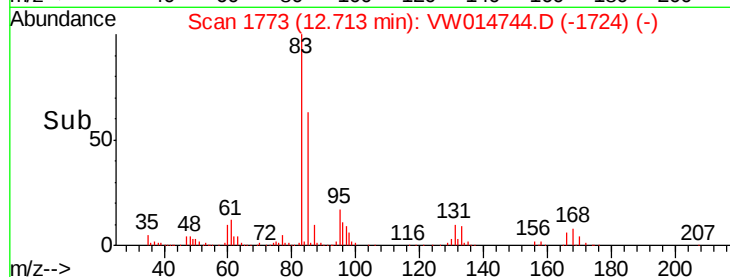
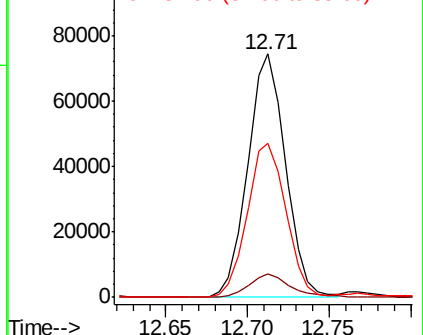
85 64.9 32.0 96.0



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: 36.777 ug/l

RT: 12.77 min Scan# 1782

Delta R.T. 0.01 min

Lab File: VW014744.D

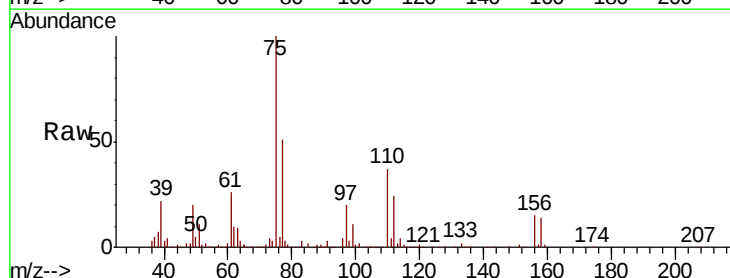
Acq: 24 Jan 2020 15:14

Tgt Ion: 75 Resp: 154239

Ion Ratio Lower Upper

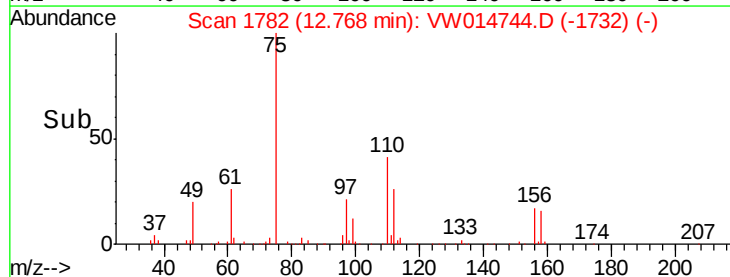
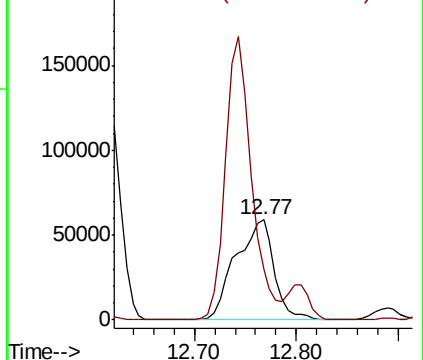
75 100

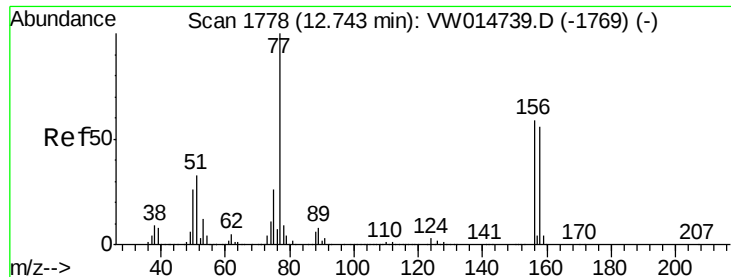
77 0.0 167.9 503.9#



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 77.00 (76.70 to 77.70): VW





#77

Bromobenzene

Concen: 21.792 ug/l

RT: 12.74 min Scan# 1778

Delta R.T. -0.00 min

Lab File: VW014744.D

Acq: 24 Jan 2020 15:14

Instrument :

MSVOA_W

ClientSampleId :

VW0124SBS01

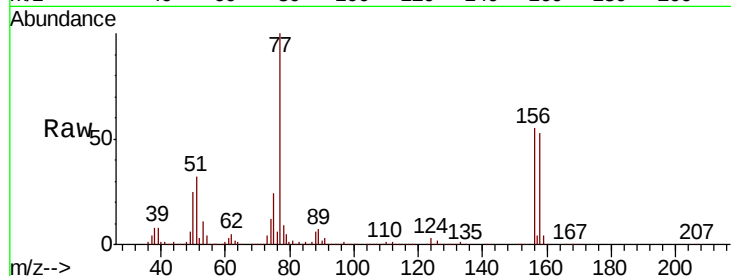
Tot Ion:156 Resp: 150194

Ion Ratio Lower Upper

156 100

77 199.1 94.5 283.5

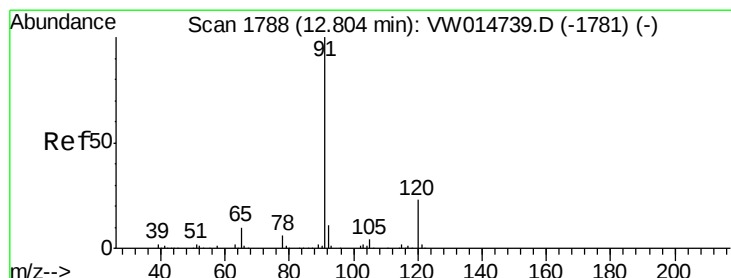
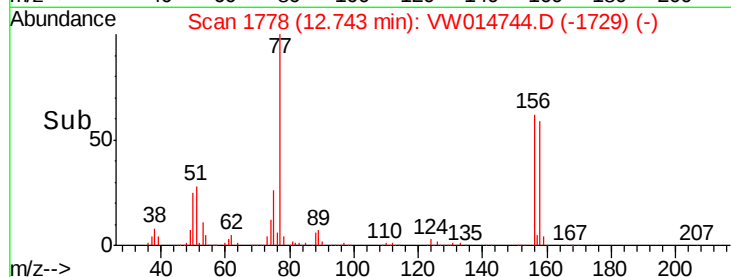
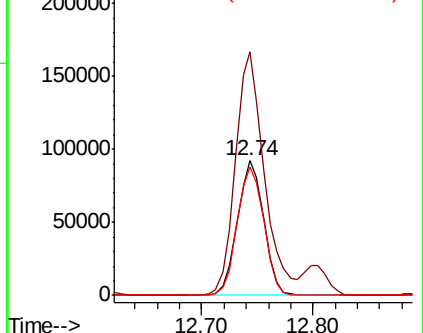
158 96.7 48.3 144.8



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VW

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 22.855 ug/l

RT: 12.80 min Scan# 1788

Delta R.T. -0.00 min

Lab File: VW014744.D

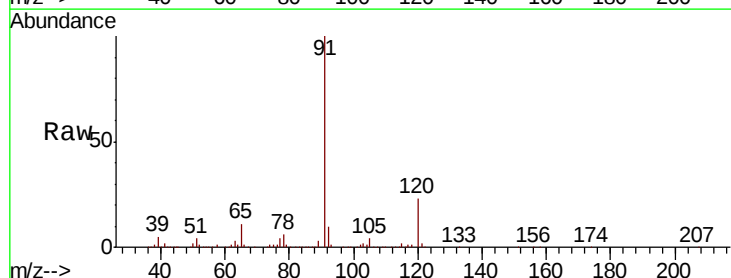
Acq: 24 Jan 2020 15:14

Tgt Ion: 91 Resp: 834515

Ion Ratio Lower Upper

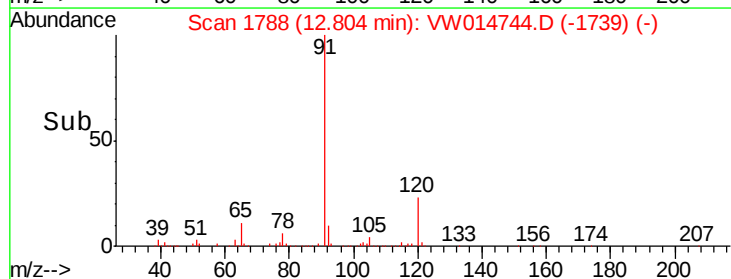
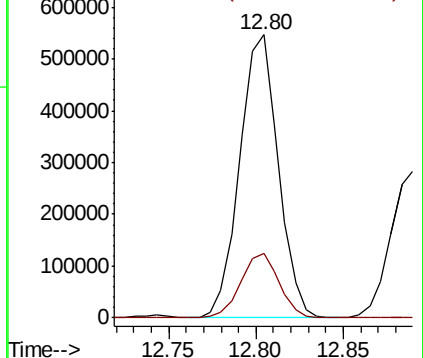
91 100

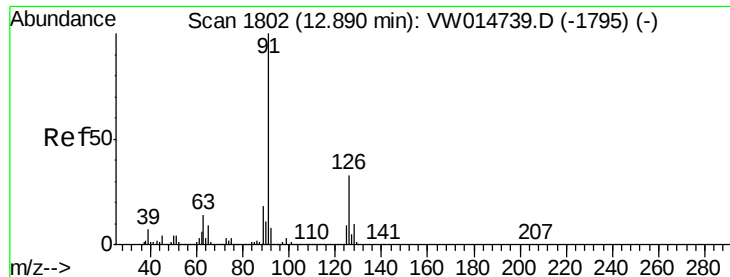
120 22.8 11.3 33.9



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 120.00 (119.70 to 120.70): V

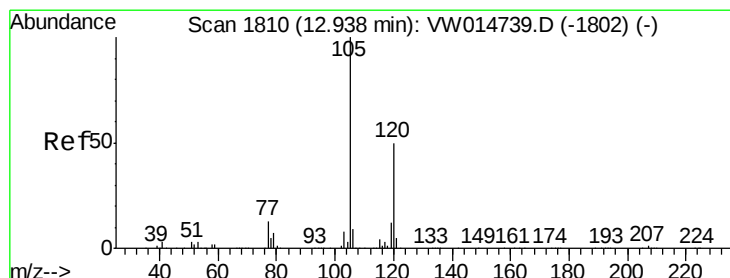
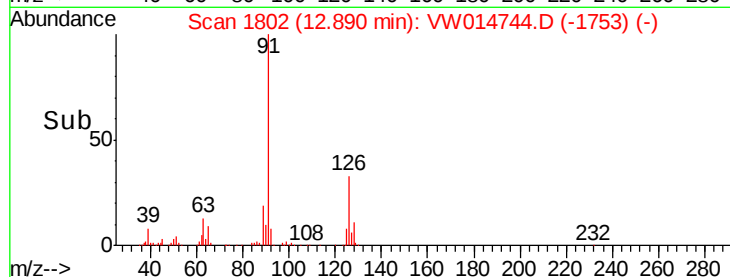
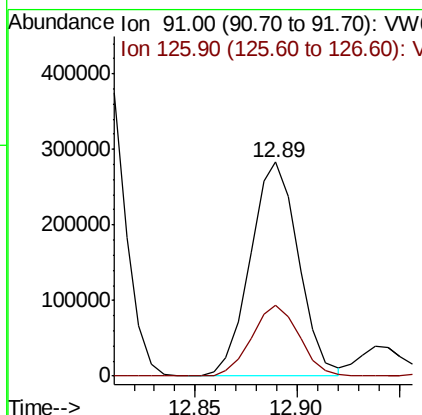
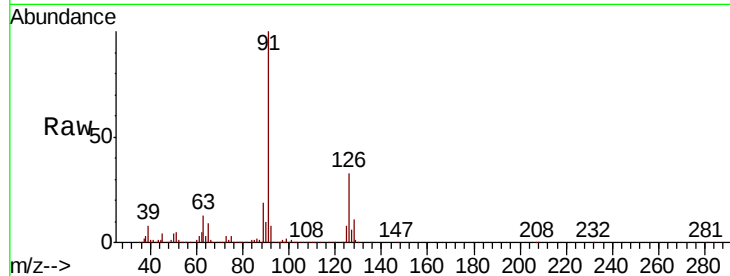




#79
 2-Chlorotoluene
 Concen: 22.367 ug/l
 RT: 12.89 min Scan# 1802
 Delta R.T. -0.00 min
 Lab File: VW014744.D
 Acq: 24 Jan 2020 15:14

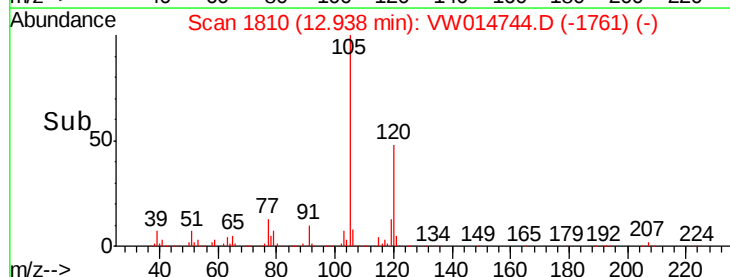
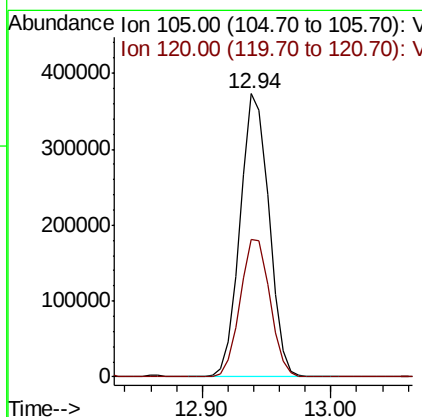
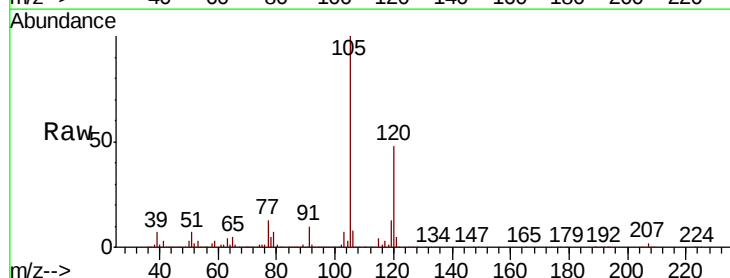
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0124SBS01

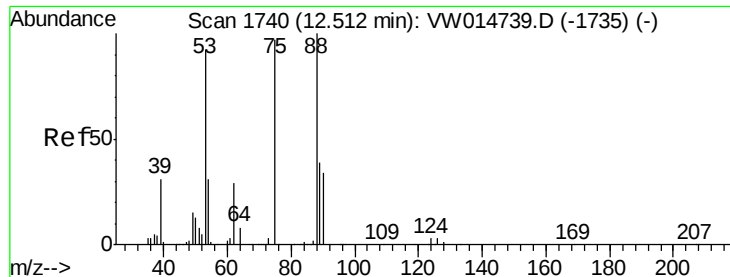
Tot Ion: 91 Resp: 462447
 Ion Ratio Lower Upper
 91 100
 126 33.1 16.9 50.6



#80
 1,3,5-Trimethylbenzene
 Concen: 22.604 ug/l
 RT: 12.94 min Scan# 1810
 Delta R.T. -0.00 min
 Lab File: VW014744.D
 Acq: 24 Jan 2020 15:14

Tgt Ion:105 Resp: 576334
 Ion Ratio Lower Upper
 105 100
 120 50.2 25.0 75.0





#81

trans-1,4-Dichloro-2-butene

Concen: 21.161 ug/l

RT: 12.51 min Scan# 1740

Delta R.T. -0.00 min

Lab File: VW014744.D

Acq: 24 Jan 2020 15:14

Instrument :

MSVOA_W

ClientSampleId :

VW0124SBS01

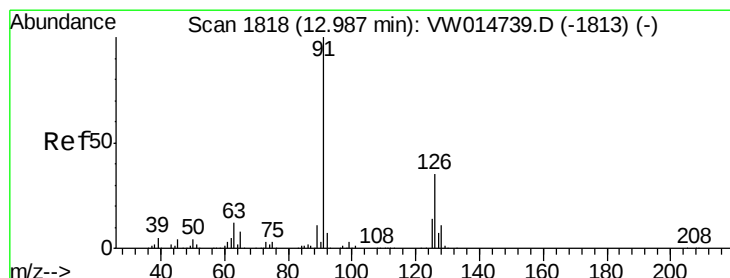
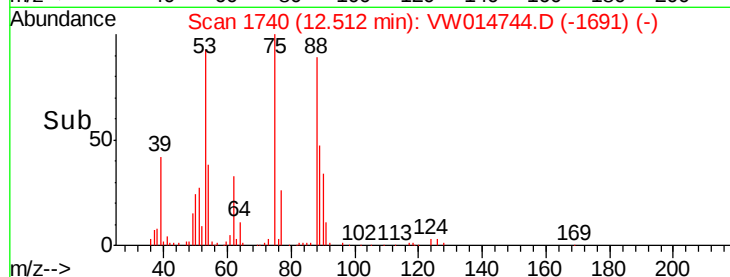
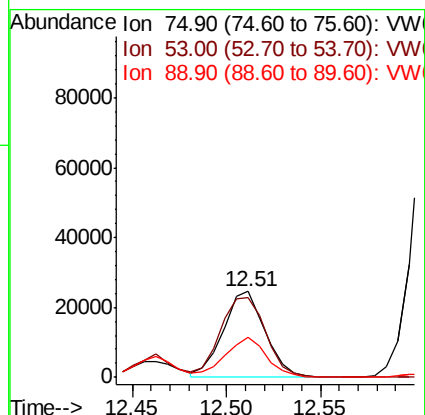
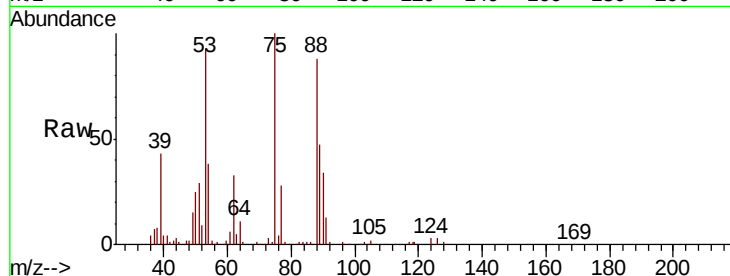
Tot Ion: 75 Resp: 37499

Ion Ratio Lower Upper

75 100

53 102.7 77.0 115.4

89 46.7 35.2 52.8



#82

4-Chlorotoluene

Concen: 22.373 ug/l

RT: 12.99 min Scan# 1818

Delta R.T. -0.00 min

Lab File: VW014744.D

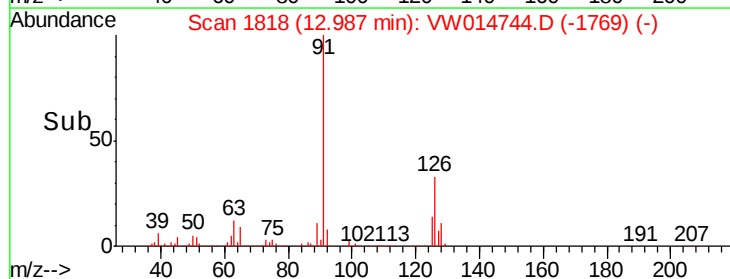
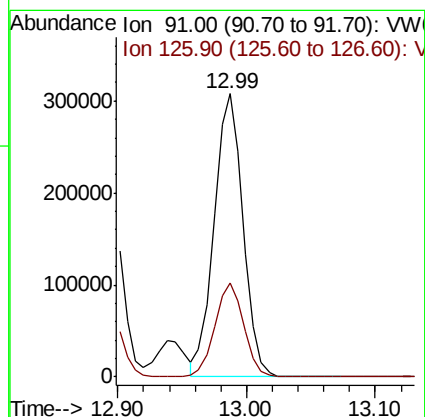
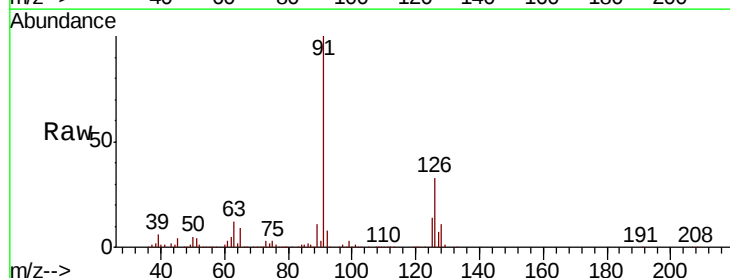
Acq: 24 Jan 2020 15:14

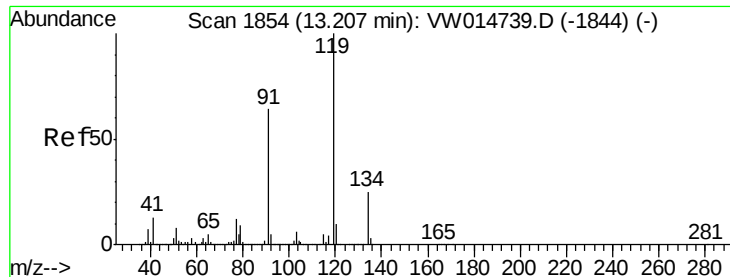
Tgt Ion: 91 Resp: 483699

Ion Ratio Lower Upper

91 100

126 33.1 16.7 50.1





#83

tert-Butylbenzene

Concen: 22.724 ug/l

RT: 13.21 min Scan# 1854

Delta R.T. -0.00 min

Lab File: VW014744.D

Acq: 24 Jan 2020 15:14

Instrument :

MSVOA_W

ClientSampleId :

VW0124SBS01

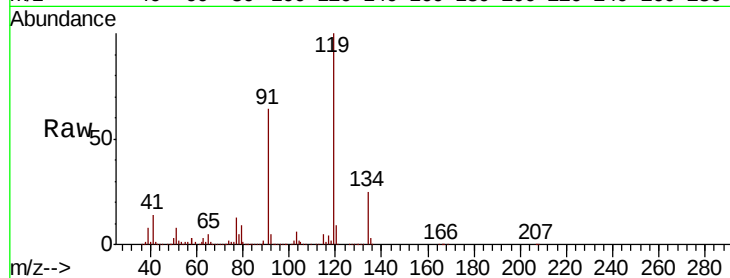
Tot Ion:119 Resp: 501311

Ion Ratio Lower Upper

119 100

91 64.4 32.1 96.3

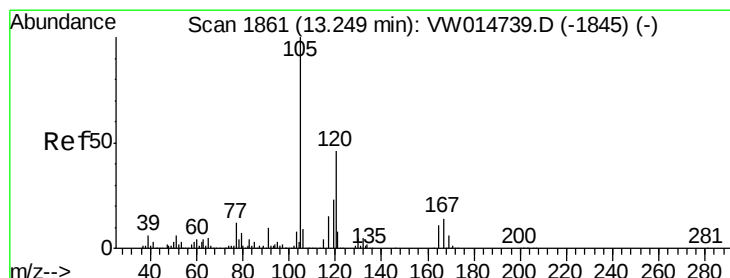
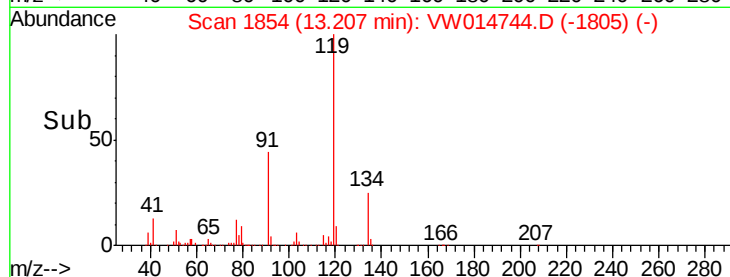
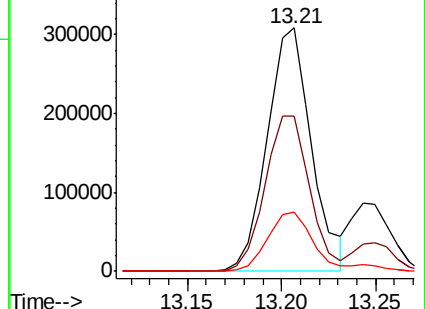
134 26.5 13.4 40.2



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): V

Ion 134.00 (133.70 to 134.70): V



#84

1,2,4-Trimethylbenzene

Concen: 22.539 ug/l

RT: 13.25 min Scan# 1861

Delta R.T. -0.00 min

Lab File: VW014744.D

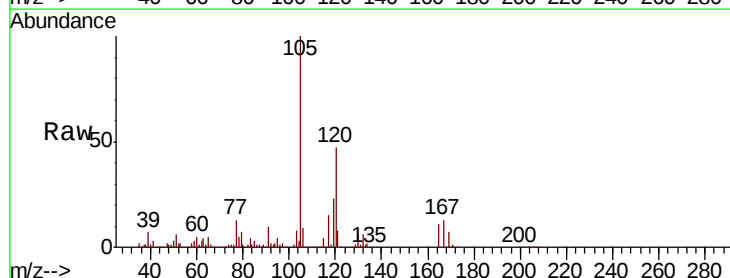
Acq: 24 Jan 2020 15:14

Tgt Ion:105 Resp: 574298

Ion Ratio Lower Upper

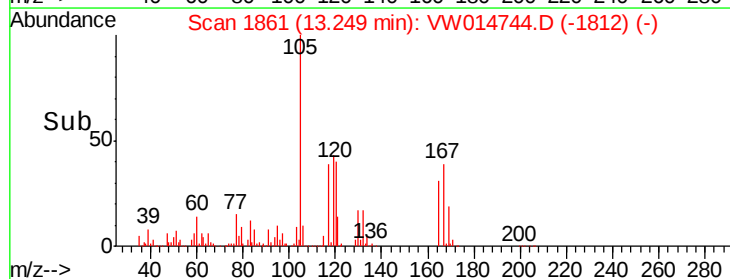
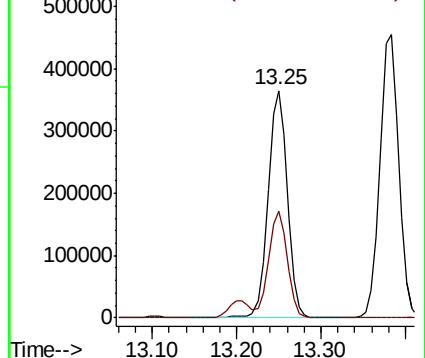
105 100

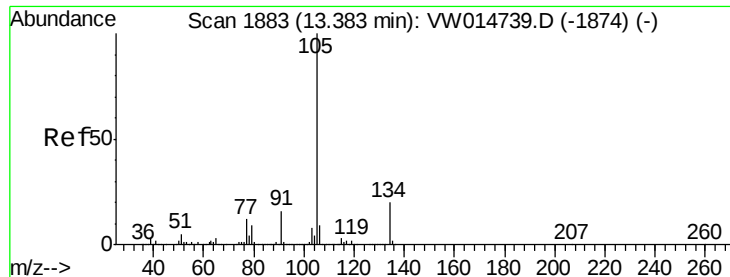
120 46.0 23.3 69.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

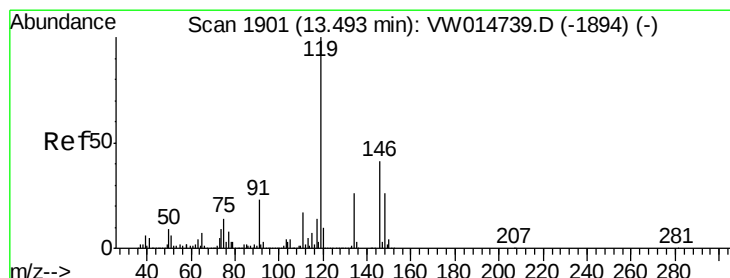
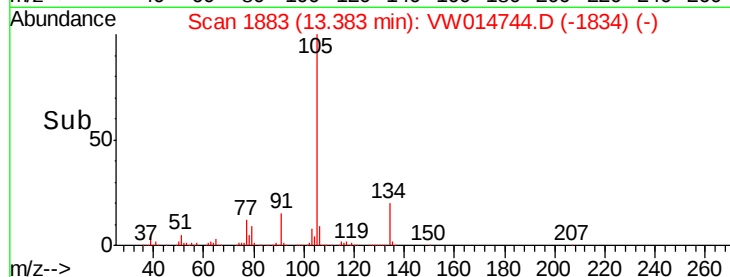
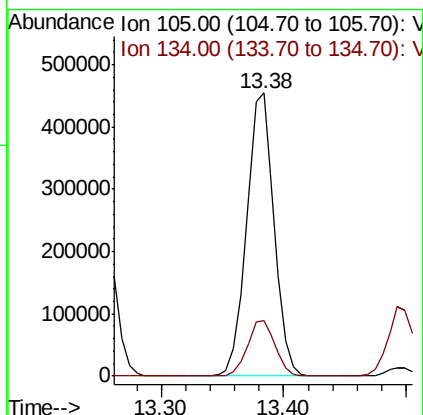
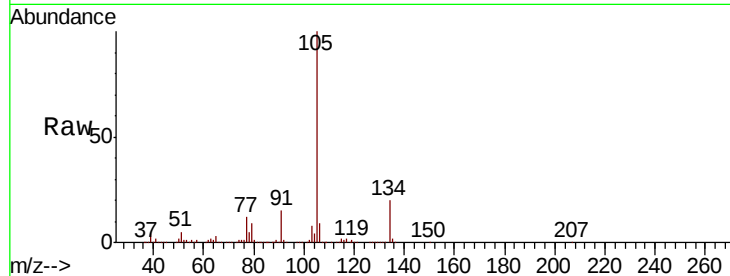




#85
 sec-Butylbenzene
 Concen: 22.737 ug/l
 RT: 13.38 min Scan# 1883
 Delta R.T. -0.00 min
 Lab File: VW014744.D
 Acq: 24 Jan 2020 15:14

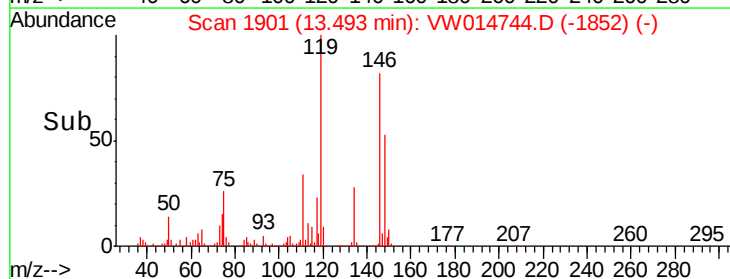
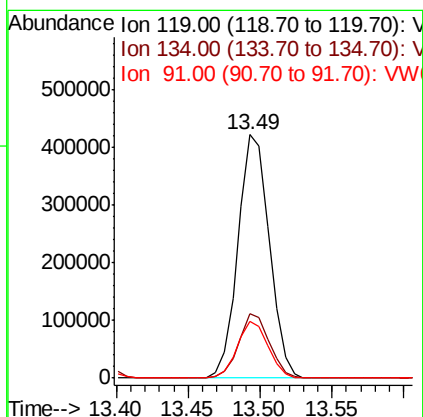
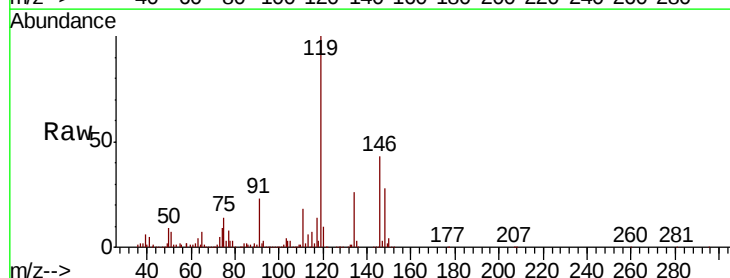
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0124SBS01

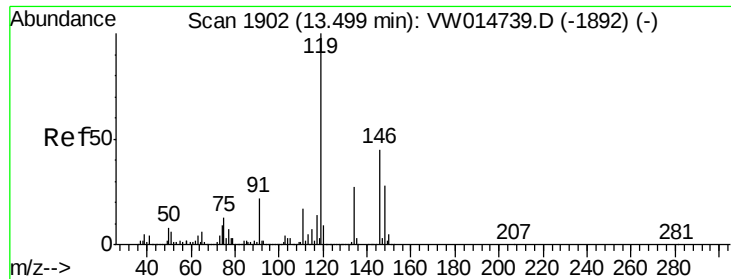
Tot Ion:105 Resp: 706305
 Ion Ratio Lower Upper
 105 100
 134 20.0 10.1 30.1



#86
 p-Isopropyltoluene
 Concen: 22.654 ug/l
 RT: 13.49 min Scan# 1901
 Delta R.T. -0.00 min
 Lab File: VW014744.D
 Acq: 24 Jan 2020 15:14

Tgt Ion:119 Resp: 637501
 Ion Ratio Lower Upper
 119 100
 134 25.9 13.0 38.9
 91 23.1 11.4 34.2

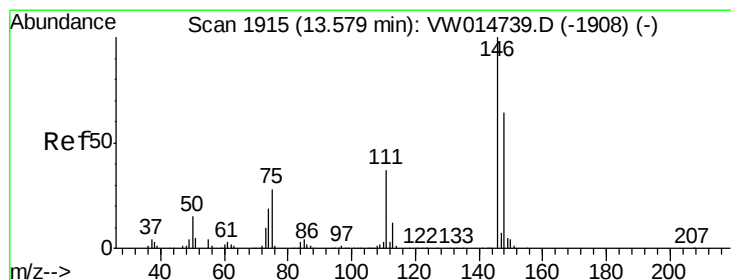
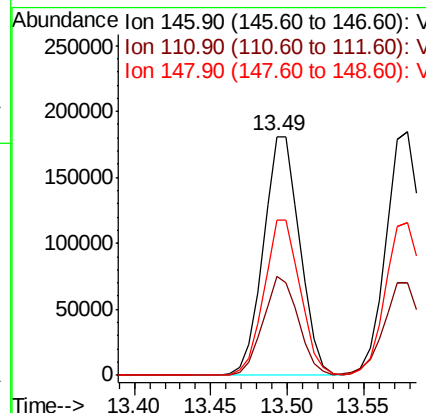
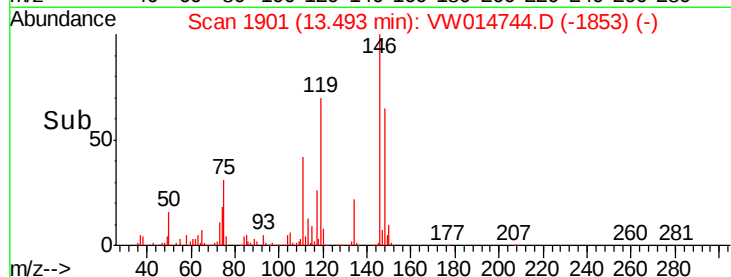
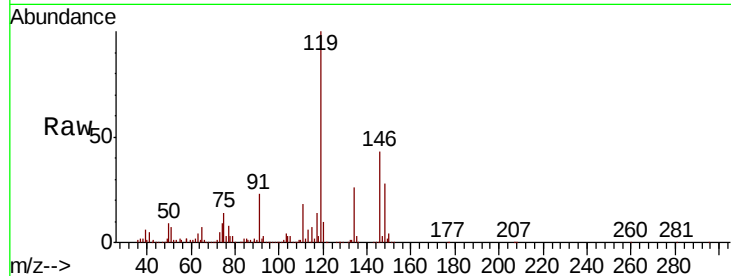




#87
 1,3-Dichlorobenzene
 Concen: 21.959 ug/l
 RT: 13.49 min Scan# 1901
 Delta R.T. -0.01 min
 Lab File: VW014744.D
 Acq: 24 Jan 2020 15:14

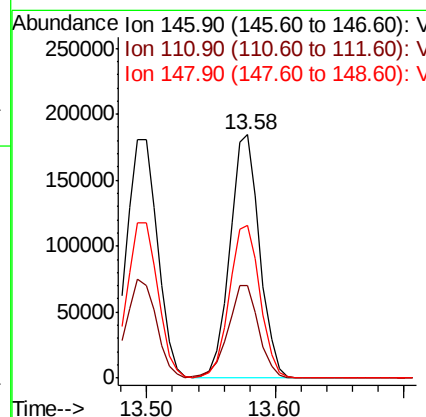
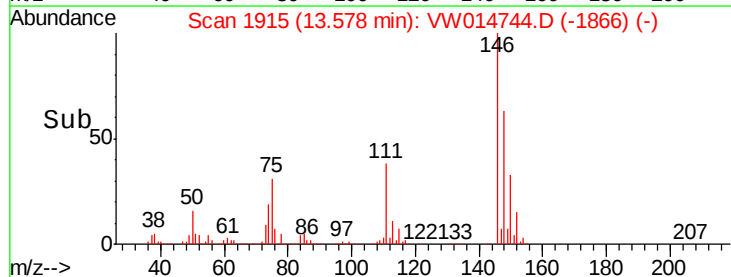
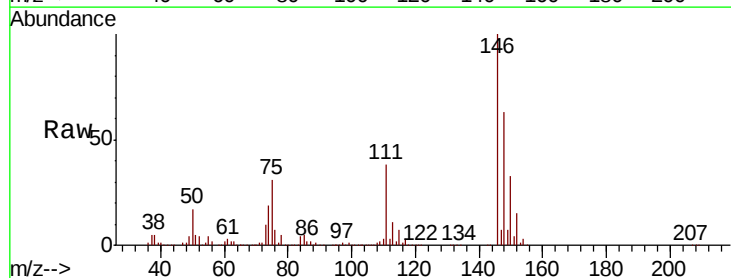
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0124SBS01

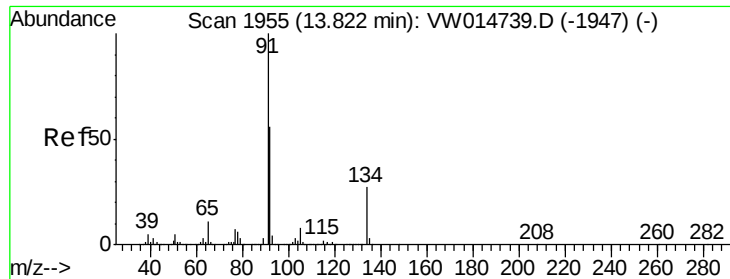
Tot Ion	Ratio	Lower	Upper
146	100		
111	40.0	19.8	59.4
148	64.5	31.6	95.0



#88
 1,4-Dichlorobenzene
 Concen: 21.999 ug/l
 RT: 13.58 min Scan# 1915
 Delta R.T. -0.00 min
 Lab File: VW014744.D
 Acq: 24 Jan 2020 15:14

Tgt Ion	Ratio	Lower	Upper
146	100		
111	39.6	19.4	58.4
148	64.8	32.0	96.2





#89

n-Butylbenzene

Concen: 22.678 ug/l

RT: 13.82 min Scan# 1955

Delta R.T. -0.00 min

Lab File: VW014744.D

Acq: 24 Jan 2020 15:14

Instrument :

MSVOA_W

ClientSampleId :

VW0124SBS01

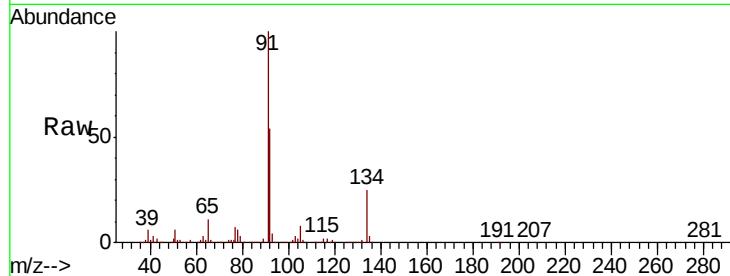
Tot Ion: 91 Resp: 608722

Ion Ratio Lower Upper

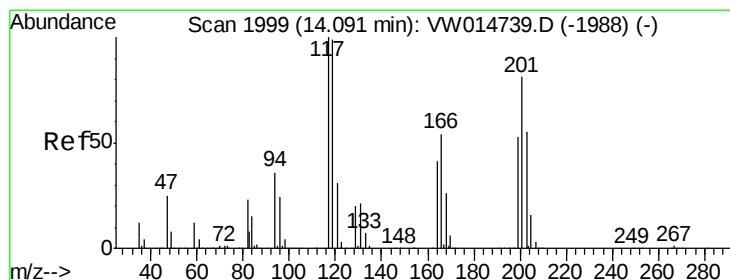
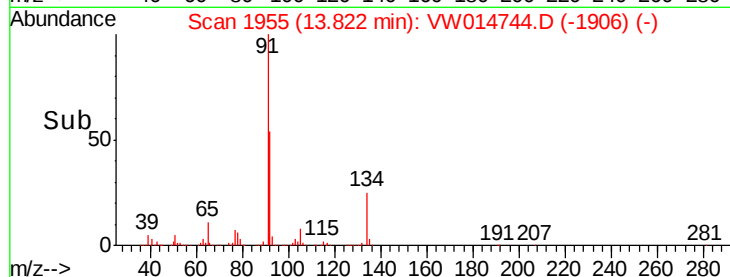
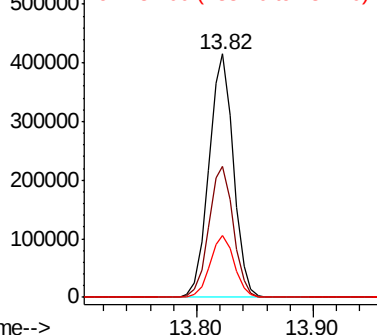
91 100

92 54.0 27.5 82.4

134 25.4 13.1 39.1



Abundance Ion 91.00 (90.70 to 91.70): VW
Ion 92.00 (91.70 to 92.70): VW
Ion 134.00 (133.70 to 134.70): V



#90

Hexachloroethane

Concen: 21.560 ug/l

RT: 14.09 min Scan# 1999

Delta R.T. -0.00 min

Lab File: VW014744.D

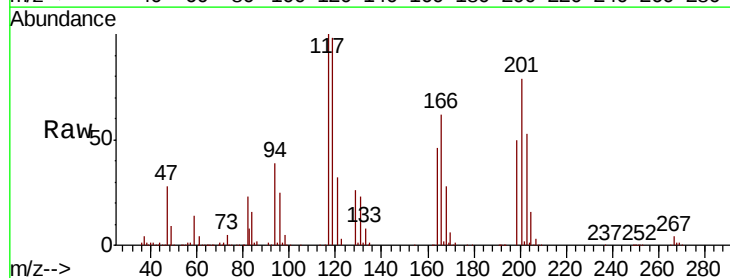
Acq: 24 Jan 2020 15:14

Tgt Ion: 117 Resp: 107652

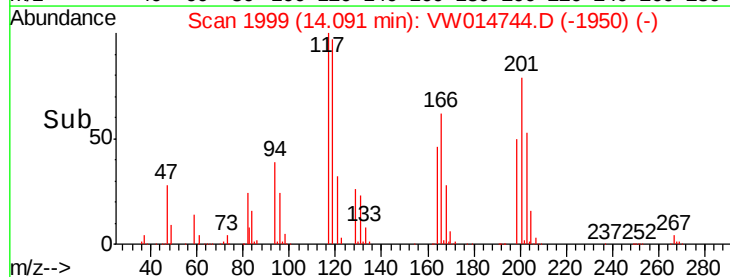
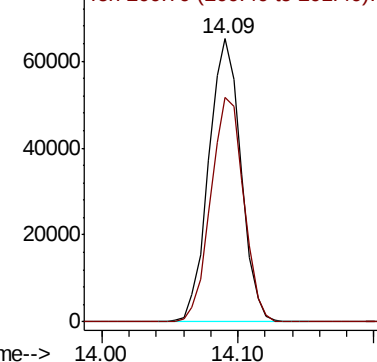
Ion Ratio Lower Upper

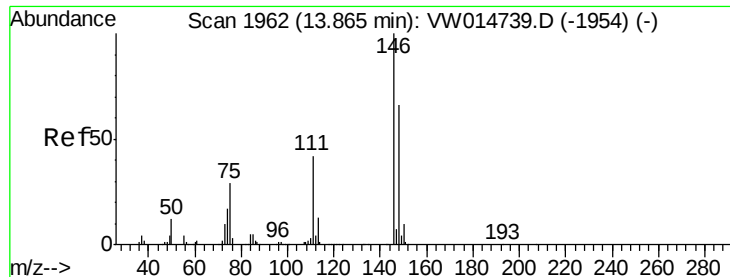
117 100

201 81.1 41.6 124.9



Abundance Ion 116.80 (116.50 to 117.50): V
Ion 200.70 (200.40 to 201.40): V





#91

1,2-Dichlorobenzene

Concen: 22.229 ug/l

RT: 13.86 min Scan# 1962

Delta R.T. -0.00 min

Lab File: VW014744.D

Acq: 24 Jan 2020 15:14

Instrument :

MSVOA_W

ClientSampleId :

VW0124SBS01

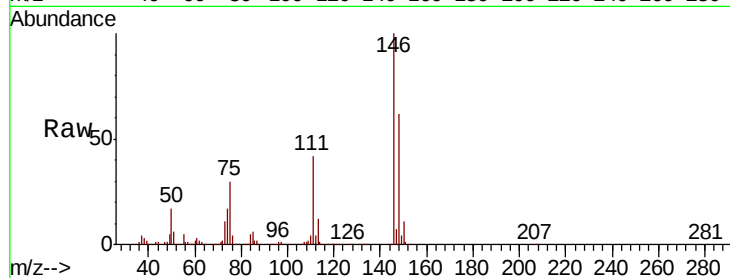
Tot Ion:146 Resp: 266679

Ion Ratio Lower Upper

146 100

111 41.0 20.7 62.1

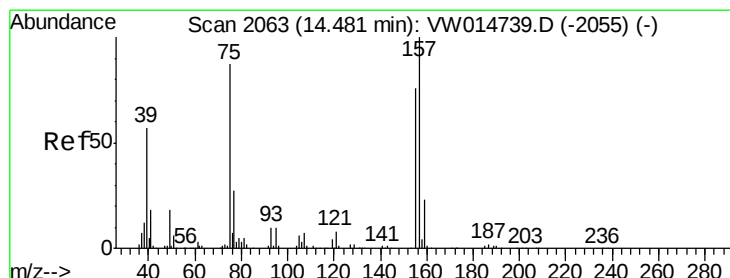
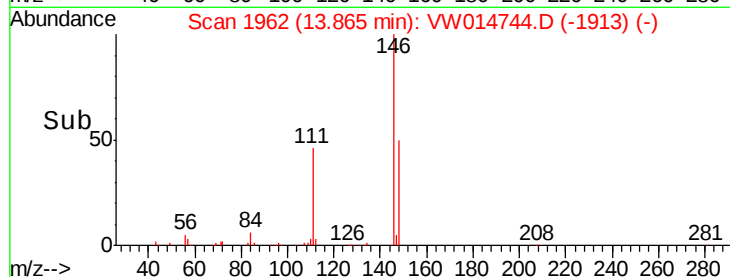
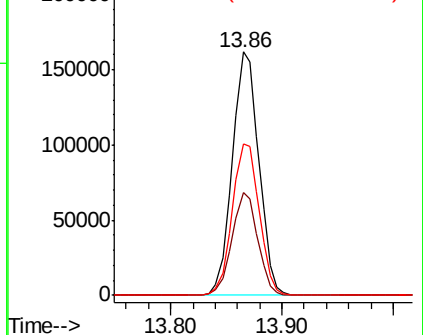
148 63.3 32.5 97.4



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: 21.601 ug/l

RT: 14.48 min Scan# 2063

Delta R.T. -0.00 min

Lab File: VW014744.D

Acq: 24 Jan 2020 15:14

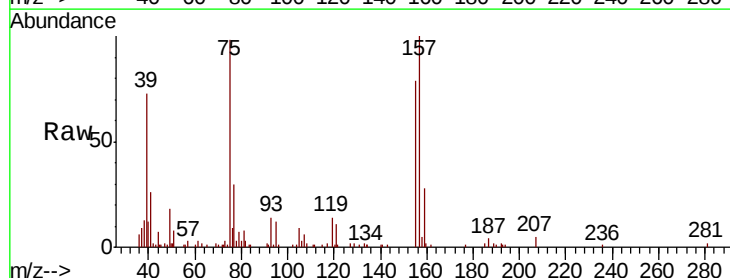
Tgt Ion: 75 Resp: 19149

Ion Ratio Lower Upper

75 100

155 80.7 42.5 127.5

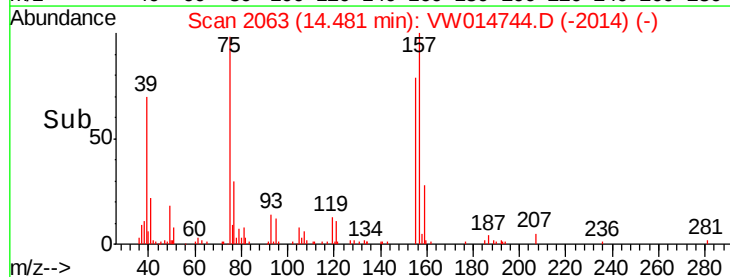
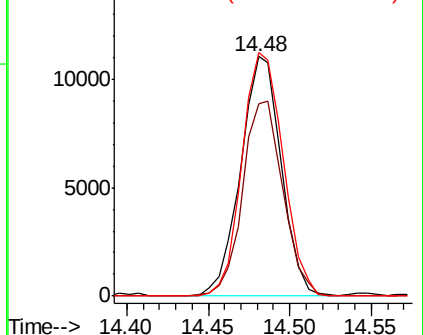
157 102.2 54.8 164.4

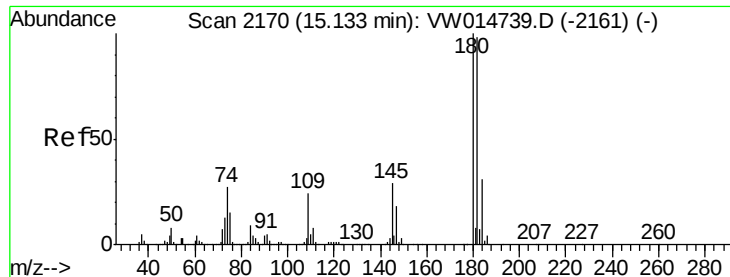


Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

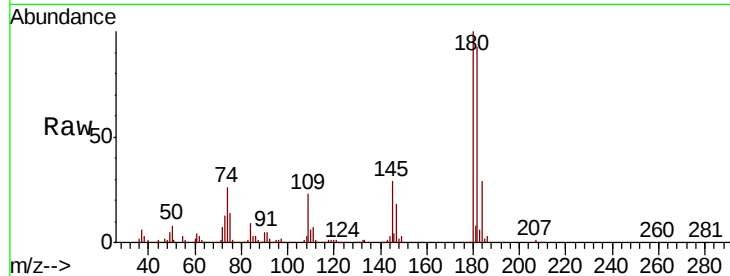




#93
 1,2,4-Trichlorobenzene
 Concen: 22.182 ug/l
 RT: 15.13 min Scan# 2170
 Delta R.T. -0.00 min
 Lab File: VW014744.D
 Acq: 24 Jan 2020 15:14

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0124SBS01

Tot Ion	Ratio	Lower	Upper
180	100		
182	93.3	48.6	145.9
145	29.2	14.7	44.1

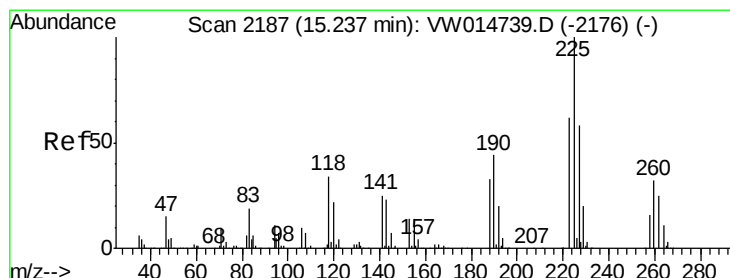
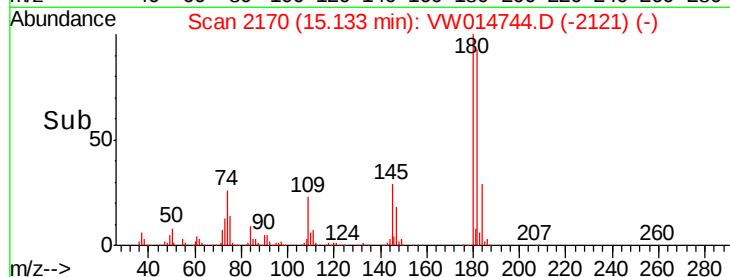
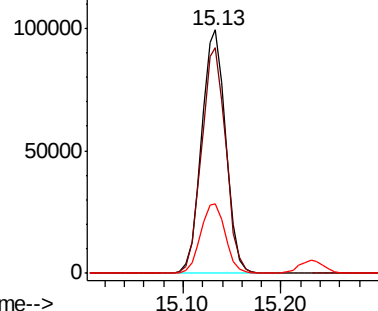


Abundance

Ion 179.80 (179.50 to 180.50): V

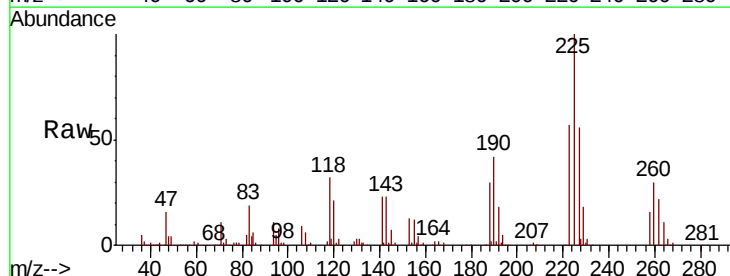
Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V



#94
 Hexachlorobutadiene
 Concen: 22.481 ug/l
 RT: 15.24 min Scan# 2187
 Delta R.T. -0.00 min
 Lab File: VW014744.D
 Acq: 24 Jan 2020 15:14

Tgt Ion	Ratio	Lower	Upper
225	100		
223	60.8	31.4	94.3
227	60.8	30.9	92.8

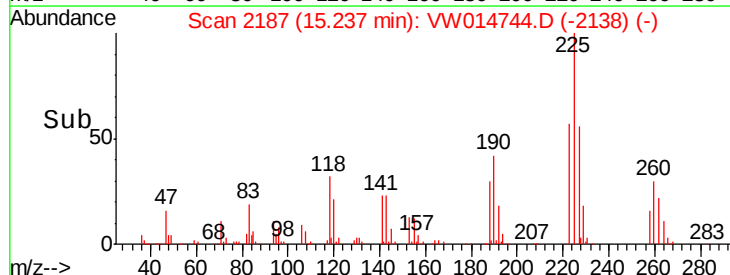
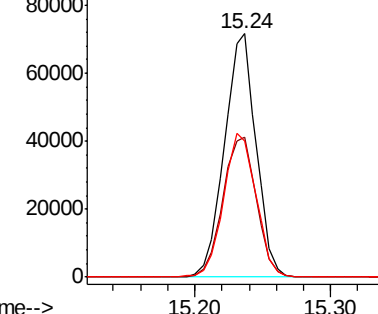


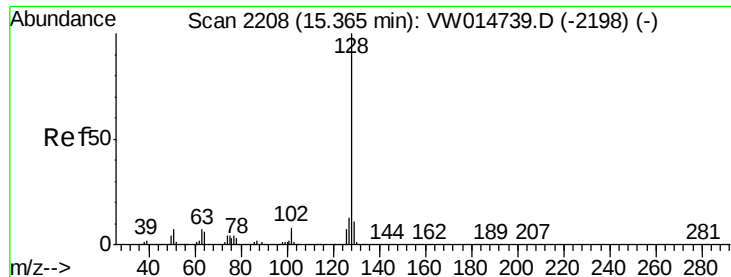
Abundance

Ion 224.70 (224.40 to 225.40): V

Ion 222.70 (222.40 to 223.40): V

Ion 226.70 (226.40 to 227.40): V





#95

Naphthalene

Concen: 19.894 ug/l

RT: 15.36 min Scan# 2208

Delta R.T. 0.00 min

Lab File: VW014744.D

Acq: 24 Jan 2020 15:14

Instrument :

MSVOA_W

ClientSampleId :

VW0124SBS01

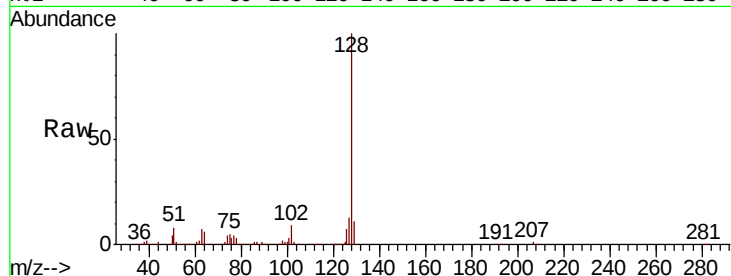
Tot Ion:128 Resp: 273091

Ion Ratio Lower Upper

128 100

127 13.4 10.6 15.8

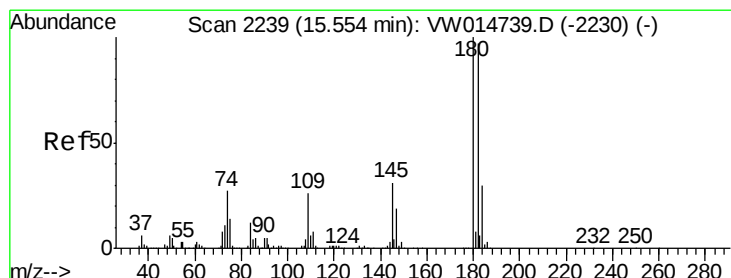
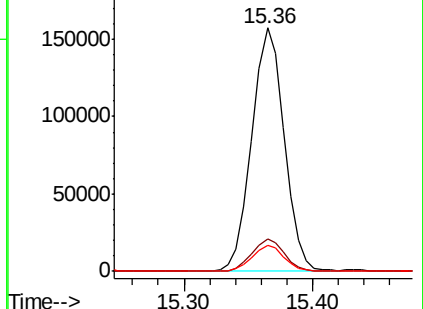
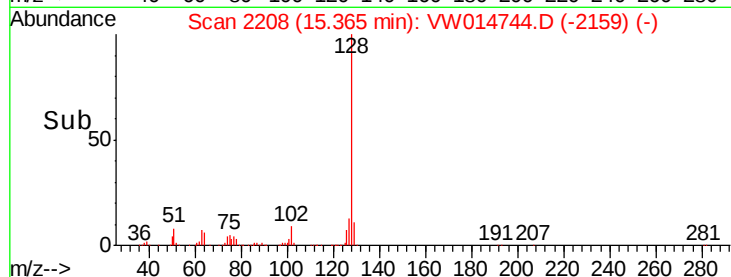
129 10.7 8.8 13.2



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 22.297 ug/l

RT: 15.55 min Scan# 2239

Delta R.T. -0.00 min

Lab File: VW014744.D

Acq: 24 Jan 2020 15:14

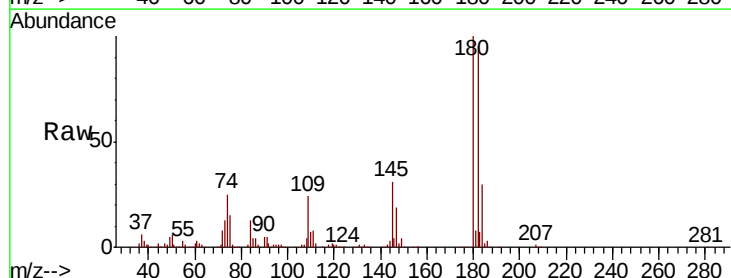
Tgt Ion:180 Resp: 145572

Ion Ratio Lower Upper

180 100

182 96.5 47.2 141.6

145 30.2 15.4 46.4



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

