

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW012420\
 Data File : VW014745.D
 Acq On : 24 Jan 2020 15:40
 Operator : SY/VA
 Sample : VW0124SBS01
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0124SBS01

Quant Time: Jan 25 06:09:10 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	748905	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	1141508	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	968299	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.55	152	467388	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.30	65	355528	49.29	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.58%	
35) Dibromofluoromethane	7.88	113	328255	49.40	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.80%	
50) Toluene-d8	10.32	98	1393783	50.87	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.74%	
62) 4-Bromofluorobenzene	12.62	95	455845	49.76	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.52%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.01	85	94224	20.320	ug/l	97
3) Chloromethane	2.21	50	134837	20.428	ug/l	98
4) Vinyl Chloride	2.35	62	198710	19.820	ug/l	97
5) Bromomethane	2.76	94	113216	20.269	ug/l	93
6) Chloroethane	2.92	64	113919	20.505	ug/l	98
7) Trichlorofluoromethane	3.25	101	94844	19.704	ug/l	98
8) Diethyl Ether	3.67	74	74917	19.746	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	4.06	101	150251	19.737	ug/l	99
10) Methyl Iodide	4.27	142	202343	19.206	ug/l	99
11) Tert butyl alcohol	5.16	59	54284	104.737	ug/l	97
12) 1,1-Dichloroethene	4.04	96	154452	19.998	ug/l	89
13) Acrolein	3.88	56	58464	101.242	ug/l	98
14) Allyl chloride	4.66	41	260345	20.524	ug/l	98
15) Acrylonitrile	5.36	53	182120	101.135	ug/l	99
16) Acetone	4.11	43	179331	98.926	ug/l	96
17) Carbon Disulfide	4.38	76	486589	19.760	ug/l	96
18) Methyl Acetate	4.66	43	81681	20.127	ug/l	99
19) Methyl tert-butyl Ether	5.42	73	194181	20.088	ug/l	96
20) Methylene Chloride	4.91	84	170217	19.260	ug/l	93
21) trans-1,2-Dichloroethene	5.42	96	164309	20.063	ug/l	95
22) Diisopropyl ether	6.31	45	484231	20.785	ug/l	99
23) Vinyl Acetate	6.24	43	1418118	102.675	ug/l	99
24) 1,1-Dichloroethane	6.21	63	294696	20.145	ug/l	99
25) 2-Butanone	7.16	43	242303	101.554	ug/l	100
26) 2,2-Dichloropropane	7.16	77	168396	20.656	ug/l	98
27) cis-1,2-Dichloroethene	7.16	96	171000	20.399	ug/l	99
28) Bromochloromethane	7.51	49	103500	18.340	ug/l	97
29) Tetrahydrofuran	7.52	42	151339	100.273	ug/l	99
30) Chloroform	7.67	83	272311	20.158	ug/l	99
31) Cyclohexane	7.95	56	304585	20.290	ug/l	92
32) 1,1,1-Trichloroethane	7.87	97	222898	20.321	ug/l	100
36) 1,1-Dichloropropene	8.08	75	239994	20.733	ug/l	99
37) Ethyl Acetate	7.24	43	105783	20.560	ug/l	99
38) Carbon Tetrachloride	8.07	117	205910	20.425	ug/l	96

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 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
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 ClientSampleId :
 VW0124SBS01

Quant Time: Jan 25 06:09:10 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	287776	20.660	ug/l	99
40) Benzene	8.32	78	662673	20.500	ug/l	100
41) Methacrylonitrile	7.48	41	56575	20.096	ug/l	99
42) 1,2-Dichloroethane	8.40	62	174892	20.134	ug/l	100
43) Isopropyl Acetate	8.42	43	189973	20.396	ug/l	99
44) Trichloroethene	9.09	130	169617	20.563	ug/l	97
45) 1,2-Dichloropropane	9.37	63	162194	20.225	ug/l	99
46) Dibromomethane	9.46	93	75165	19.777	ug/l	100
47) Bromodichloromethane	9.64	83	191885	19.730	ug/l	100
48) Methyl methacrylate	9.43	41	92787	21.136	ug/l	92
49) 1,4-Dioxane	9.44	88	24897	361.673	ug/l	92
51) 4-Methyl-2-Pentanone	10.21	43	498576	102.804	ug/l	100
52) Toluene	10.38	92	407752	20.661	ug/l	100
53) t-1,3-Dichloropropene	10.60	75	192880	19.920	ug/l	100
54) cis-1,3-Dichloropropene	10.07	75	235497	19.855	ug/l	98
55) 1,1,2-Trichloroethane	10.79	97	108031	19.860	ug/l	97
56) Ethyl methacrylate	10.64	69	138984	19.825	ug/l	99
57) 1,3-Dichloropropane	10.93	76	197980	20.300	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.92	63	202691	89.924	ug/l	99
59) 2-Hexanone	10.96	43	337325	103.218	ug/l	99
60) Dibromochloromethane	11.12	129	120109	19.757	ug/l	97
61) 1,2-Dibromoethane	11.23	107	100760	19.799	ug/l	98
64) Tetrachloroethene	10.86	164	139770	20.844	ug/l	97
65) Chlorobenzene	11.65	112	404803	20.663	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.72	131	136681	20.600	ug/l	98
67) Ethyl Benzene	11.73	91	754793	21.147	ug/l	99
68) m/p-Xylenes	11.83	106	566321	41.974	ug/l	99
69) o-Xylene	12.16	106	256244	21.044	ug/l	99
70) Styrene	12.18	104	435872	20.824	ug/l	100
71) Bromoform	12.35	173	68760	20.227	ug/l #	100
73) Isopropylbenzene	12.46	105	712482	21.483	ug/l	99
74) N-amyl acetate	12.27	43	164145	20.781	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.71	83	127475	21.058	ug/l	99
76) 1,2,3-Trichloropropane	12.76	75	164294	35.405	ug/l	30
77) Bromobenzene	12.74	156	160035	20.985	ug/l	98
78) n-propylbenzene	12.80	91	873140	21.612	ug/l	100
79) 2-Chlorotoluene	12.89	91	485163	21.208	ug/l	98
80) 1,3,5-Trimethylbenzene	12.94	105	604726	21.435	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.51	75	40356	20.582	ug/l	99
82) 4-Chlorotoluene	12.99	91	506385	21.169	ug/l	99
83) tert-Butylbenzene	13.20	119	515406	21.115	ug/l	100
84) 1,2,4-Trimethylbenzene	13.25	105	600206	21.289	ug/l	100
85) sec-Butylbenzene	13.38	105	729799	21.232	ug/l	100
86) p-Isopropyltoluene	13.49	119	660619	21.217	ug/l	100
87) 1,3-Dichlorobenzene	13.50	146	310351	20.507	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	306321	20.534	ug/l	99
89) n-Butylbenzene	13.82	91	634929	21.378	ug/l	98
90) Hexachloroethane	14.09	117	111511	20.184	ug/l	97
91) 1,2-Dichlorobenzene	13.86	146	271732	20.471	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.48	75	20651	21.054	ug/l	94

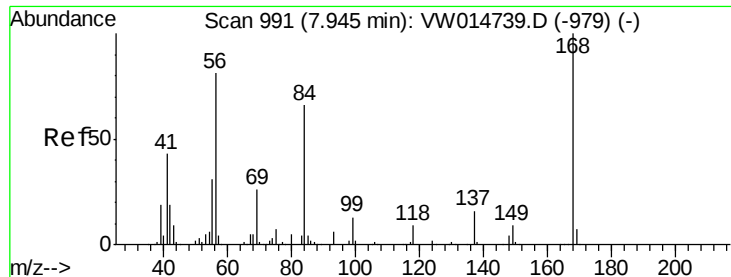
Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW012420\
Data File : VW014745.D
Acq On : 24 Jan 2020 15:40
Operator : SY/VA
Sample : VW0124SBSD01
Misc : 5.00G/5ML/MSVOA W/SOIL
ALS Vial : 12 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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Quant Time: Jan 25 06:09:10 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)
93) 1,2,4-Trichlorobenzene	15.13	180	174869	20.722	ug/l	99
94) Hexachlorobutadiene	15.23	225	115768	20.109	ug/l	98
95) Naphthalene	15.36	128	287945	19.003	ug/l	100
96) 1,2,3-Trichlorobenzene	15.55	180	148229	20.519	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: VW014745.D

Acq: 24 Jan 2020 15:40

Instrument :

MSVOA_W

ClientSampleId :

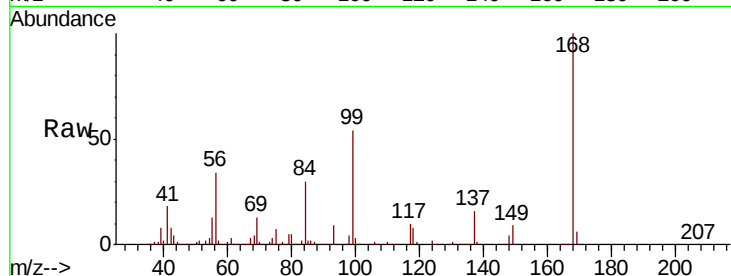
VW0124SBSD01

Tot Ion:168 Resp: 748905

Ion Ratio Lower Upper

168 100

99 53.7 42.6 64.0



Abundance Ion 167.90 (167.60 to 168.60): VW014739.D (-979) (-)

Ion 98.90 (98.60 to 99.60): VW014739.D (-979) (-)

7.95

400000

300000

200000

100000

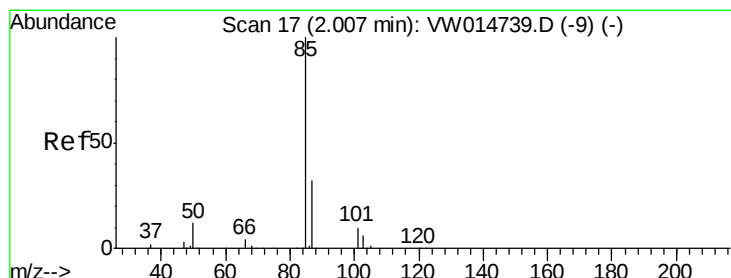
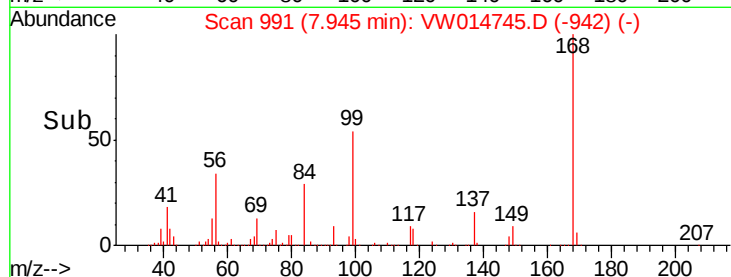
0

Time-->

7.80

7.90

8.00



#2

Dichlorodifluoromethane

Concen: 20.320 ug/l

RT: 2.01 min Scan# 17

Delta R.T. -0.00 min

Lab File: VW014745.D

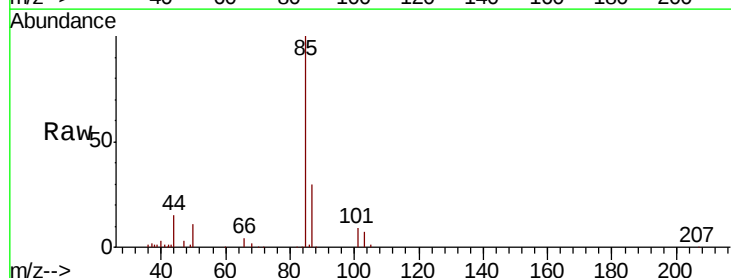
Acq: 24 Jan 2020 15:40

Tgt Ion: 85 Resp: 94224

Ion Ratio Lower Upper

85 100

87 30.0 16.0 47.9



Abundance Ion 84.90 (84.60 to 85.60): VW014739.D (-9) (-)

Ion 86.90 (86.60 to 87.60): VW014739.D (-9) (-)

2.01

30000

20000

10000

0

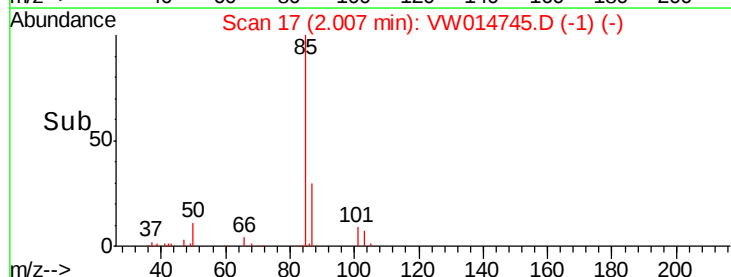
Time-->

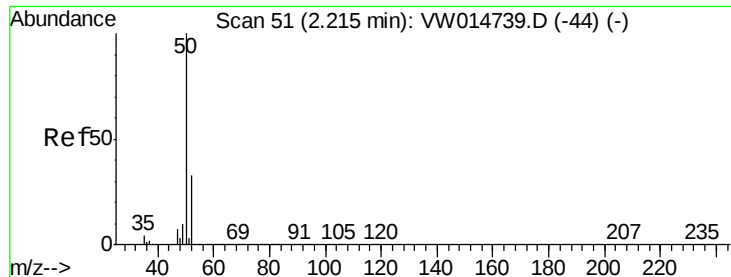
1.90

2.00

2.10

2.20





#3

Chloromethane

Concen: 20.428 ug/l

RT: 2.21 min Scan# 50

Delta R.T. -0.01 min

Lab File: VW014745.D

Acq: 24 Jan 2020 15:40

Instrument :

MSVOA_W

ClientSampleId :

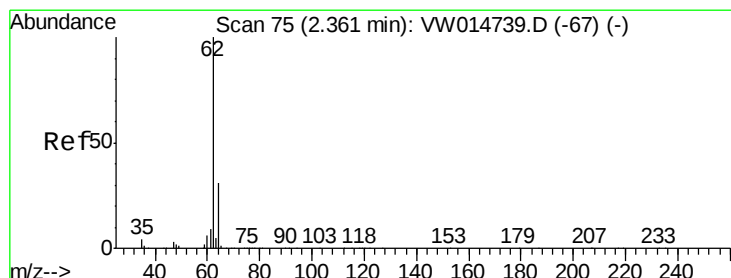
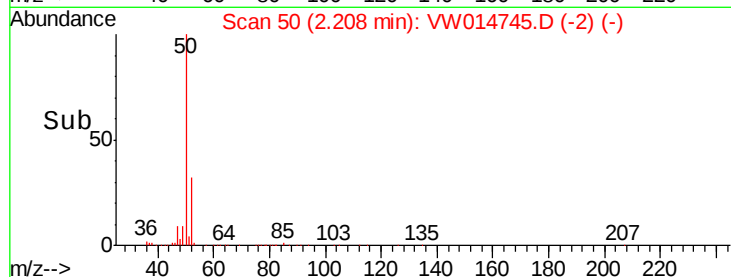
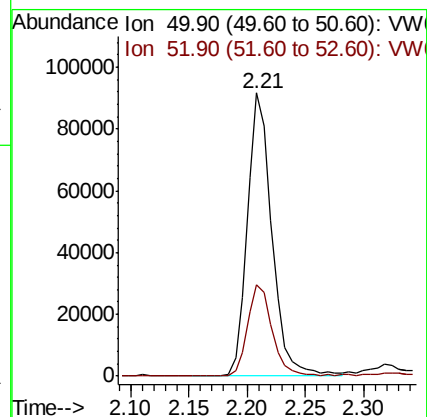
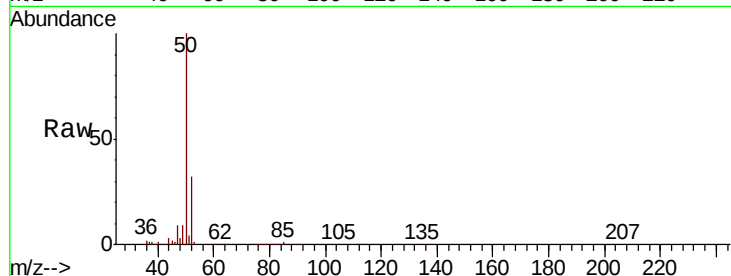
VW0124SBSD01

Tot Ion: 50 Resp: 134837

Ion Ratio Lower Upper

50 100

52 32.5 26.7 40.1



#4

Vinyl Chloride

Concen: 19.820 ug/l

RT: 2.35 min Scan# 74

Delta R.T. -0.01 min

Lab File: VW014745.D

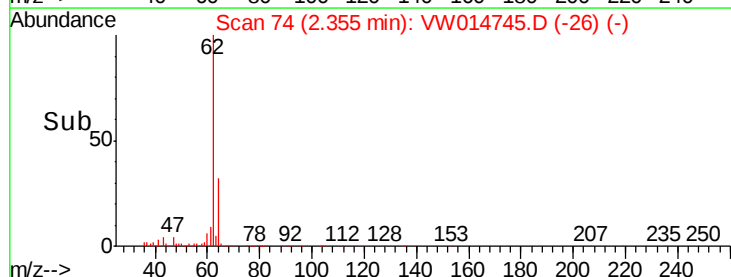
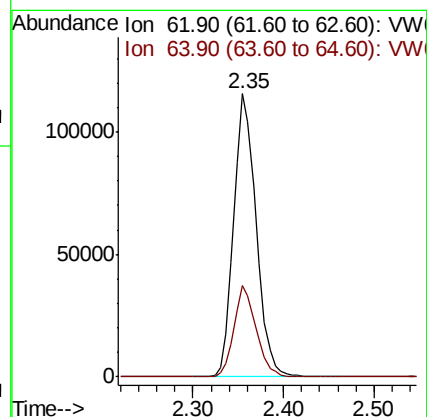
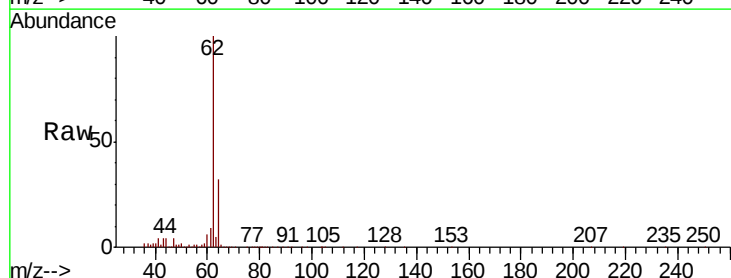
Acq: 24 Jan 2020 15:40

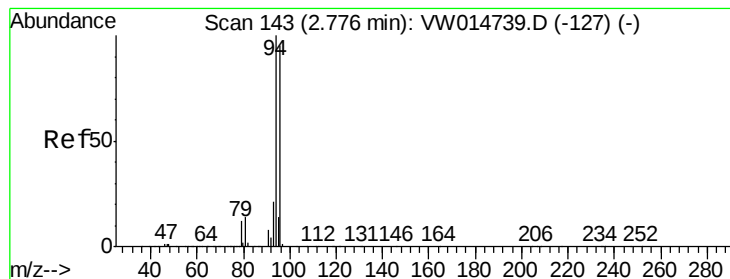
Tgt Ion: 62 Resp: 198710

Ion Ratio Lower Upper

62 100

64 32.4 24.7 37.1





#5

Bromomethane

Concen: 20.269 ug/l

RT: 2.76 min Scan# 141

Delta R.T. -0.01 min

Lab File: VW014745.D

Acq: 24 Jan 2020 15:40

Instrument :

MSVOA_W

ClientSampleId :

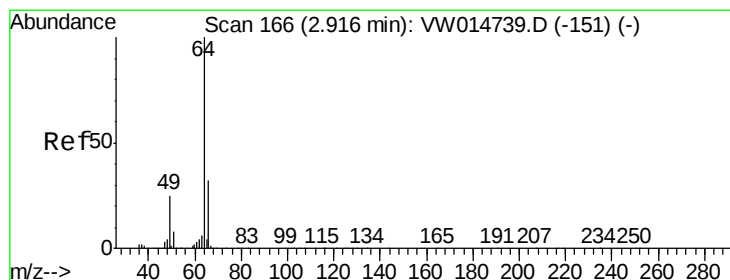
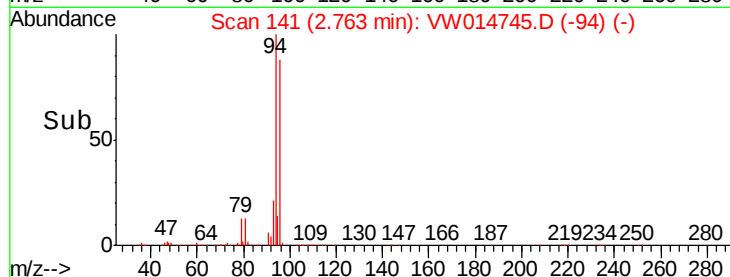
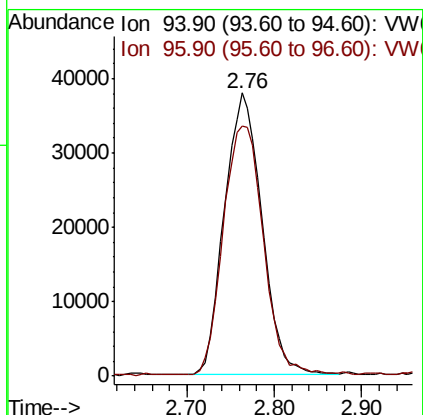
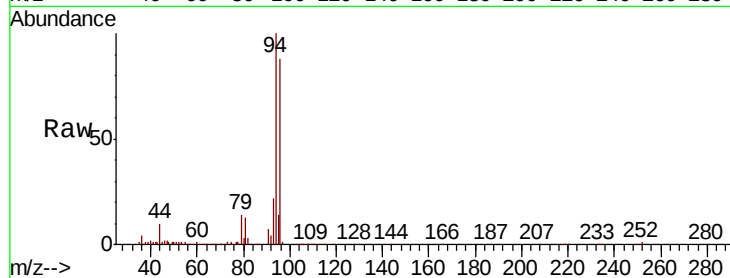
VW0124SBSD01

Tot Ion: 94 Resp: 113216

Ion Ratio Lower Upper

94 100

96 88.2 76.2 114.4



#6

Chloroethane

Concen: 20.505 ug/l

RT: 2.92 min Scan# 166

Delta R.T. -0.00 min

Lab File: VW014745.D

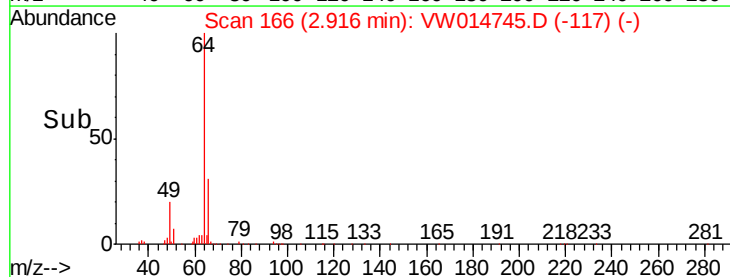
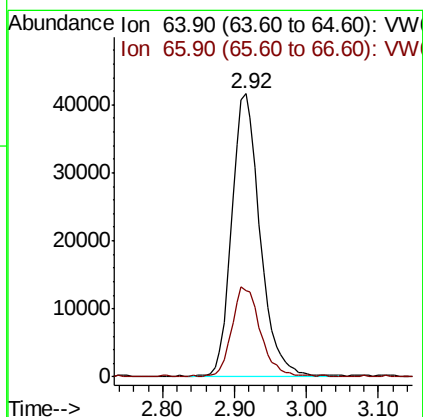
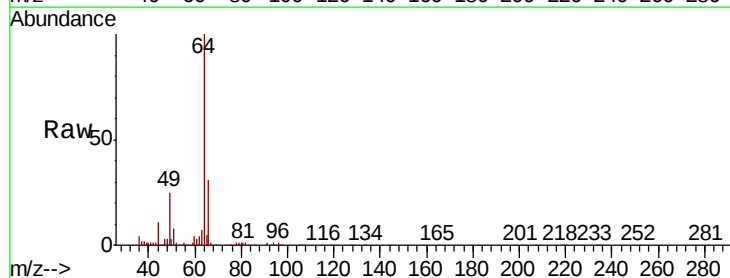
Acq: 24 Jan 2020 15:40

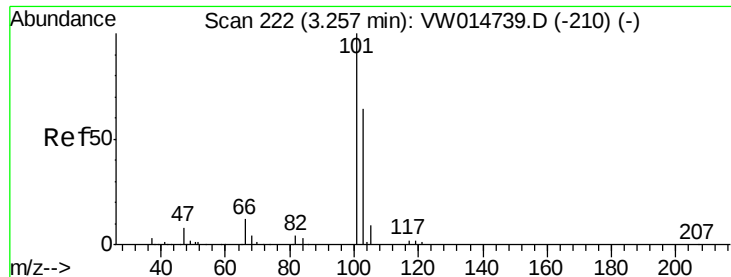
Tgt Ion: 64 Resp: 113919

Ion Ratio Lower Upper

64 100

66 30.7 25.5 38.3



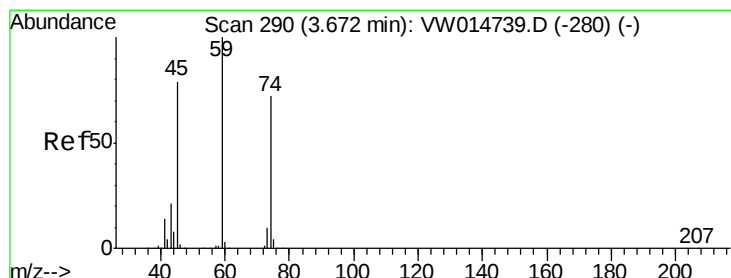
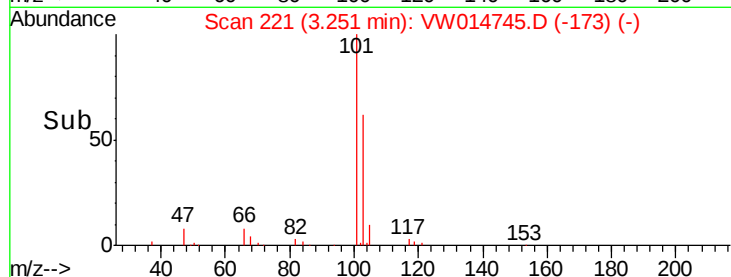
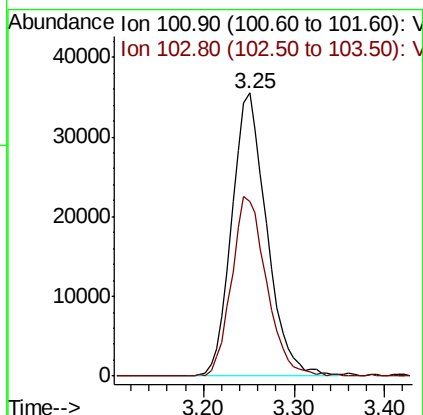
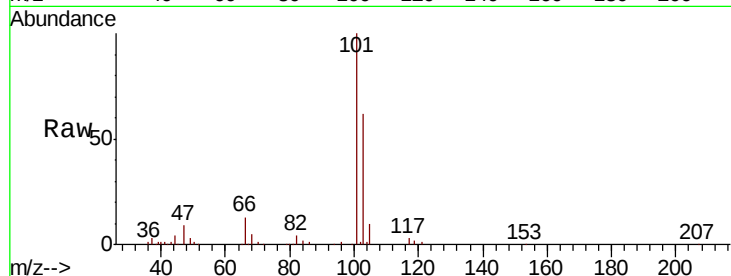


#7

Trichlorofluoromethane
 Concen: 19.704 ug/l
 RT: 3.25 min Scan# 221
 Delta R.T. -0.01 min
 Lab File: VW014745.D
 Acq: 24 Jan 2020 15:40

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0124SBSD01

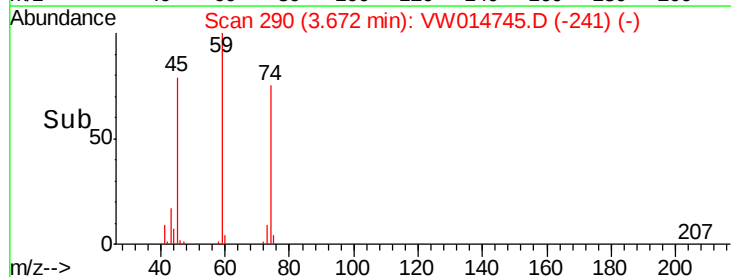
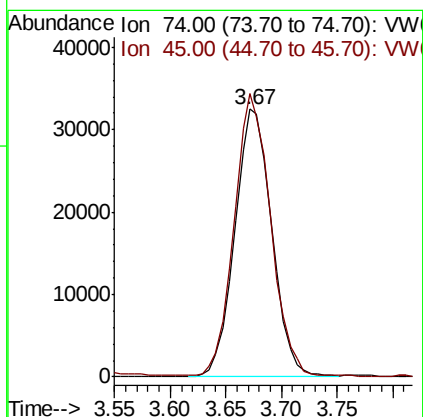
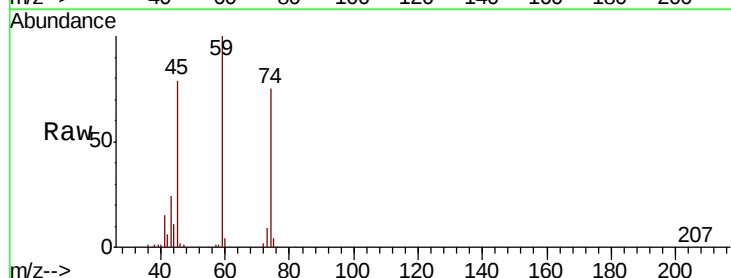
Tot Ion:101 Resp: 94844
 Ion Ratio Lower Upper
 101 100
 103 61.9 50.8 76.2

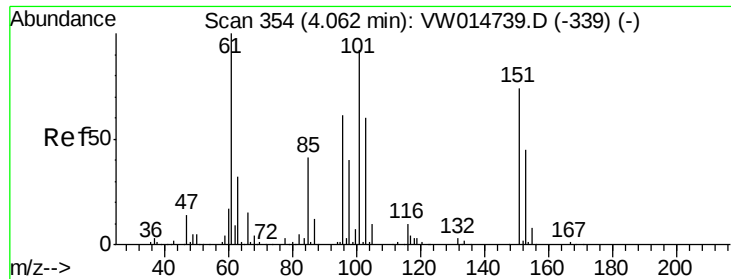


#8

Diethyl Ether
 Concen: 19.746 ug/l
 RT: 3.67 min Scan# 290
 Delta R.T. -0.00 min
 Lab File: VW014745.D
 Acq: 24 Jan 2020 15:40

Tgt Ion: 74 Resp: 74917
 Ion Ratio Lower Upper
 74 100
 45 103.4 52.7 158.1





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.737 ug/l

RT: 4.06 min Scan# 353

Delta R.T. -0.01 min

Lab File: VW014745.D

Acq: 24 Jan 2020 15:40

Instrument :

MSVOA_W

ClientSampleId :

VW0124SBSD01

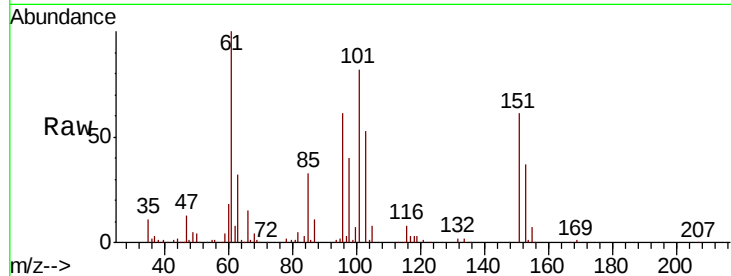
Tot Ion:101 Resp: 150251

Ion Ratio Lower Upper

101 100

85 42.1 34.4 51.6

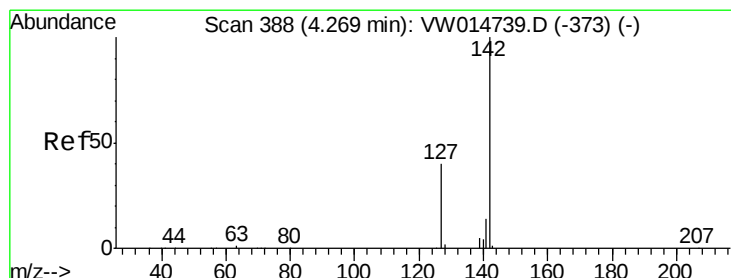
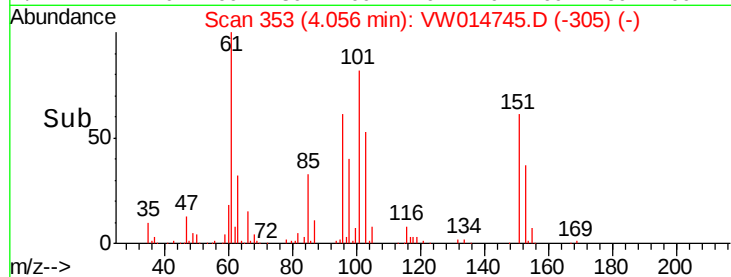
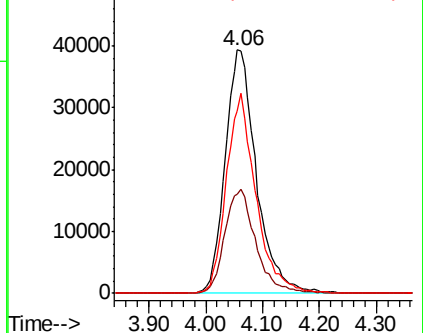
151 77.8 61.5 92.3



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): V

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 19.206 ug/l

RT: 4.27 min Scan# 388

Delta R.T. -0.00 min

Lab File: VW014745.D

Acq: 24 Jan 2020 15:40

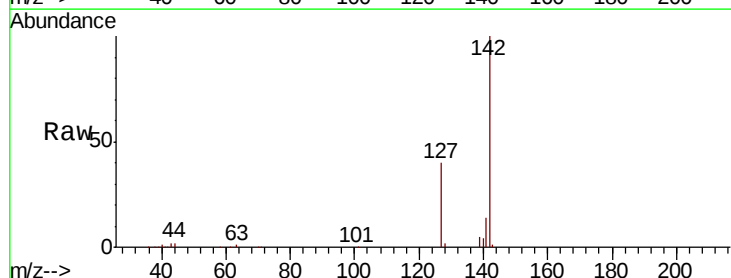
Tgt Ion:142 Resp: 202343

Ion Ratio Lower Upper

142 100

127 41.1 33.2 49.8

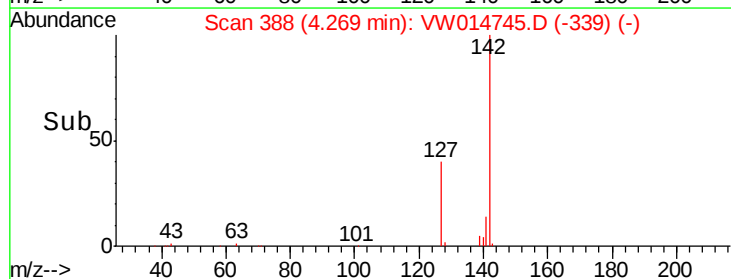
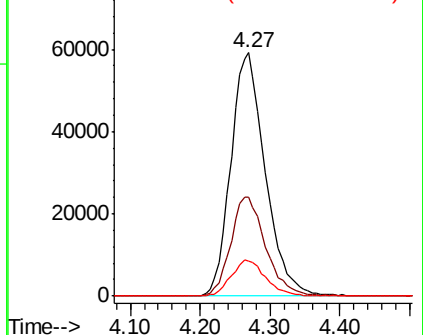
141 14.8 11.8 17.6

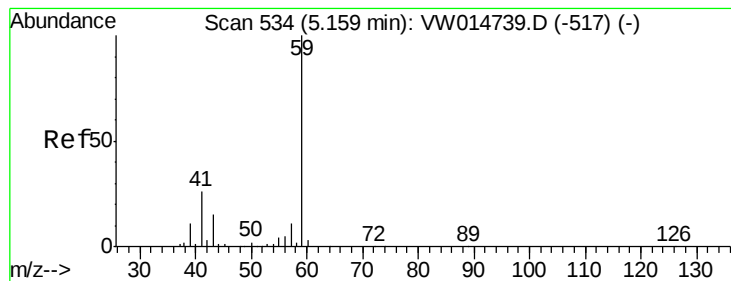


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



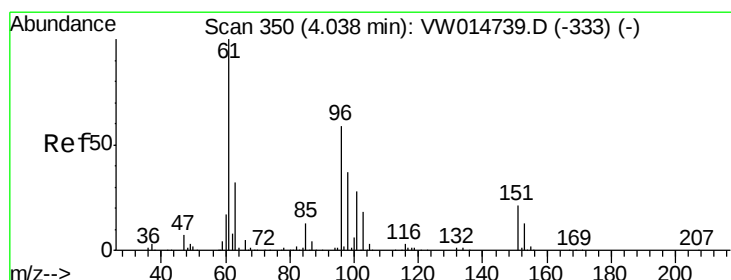
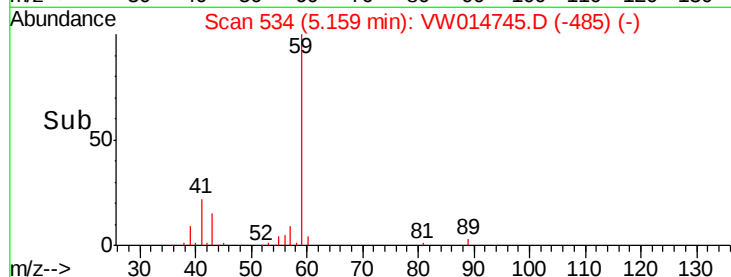
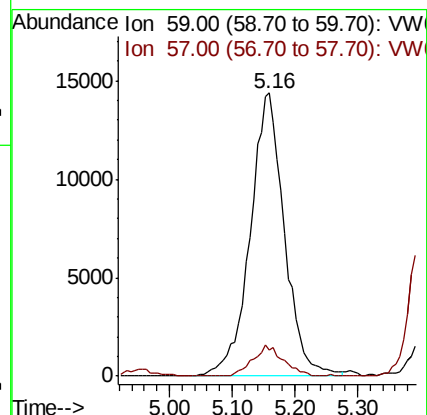
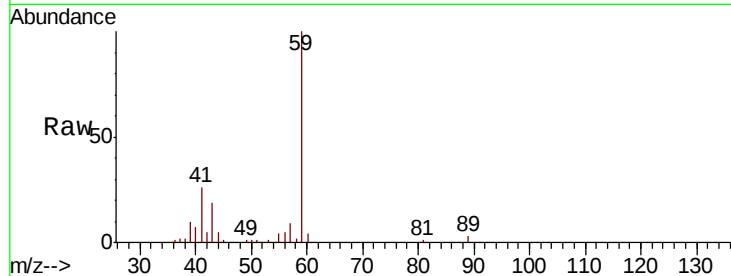


#11

Tert butyl alcohol
 Concen: 104.737 ug/l
 RT: 5.16 min Scan# 534
 Delta R.T. -0.00 min
 Lab File: VW014745.D
 Acq: 24 Jan 2020 15:40

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0124SBSD01

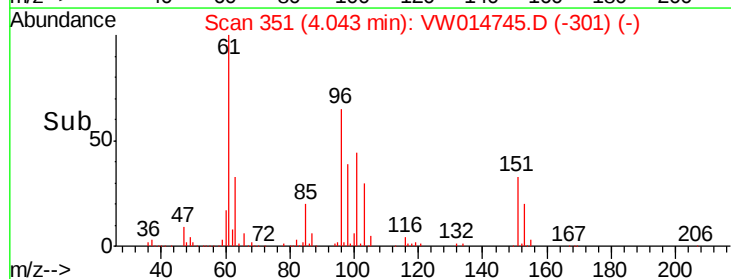
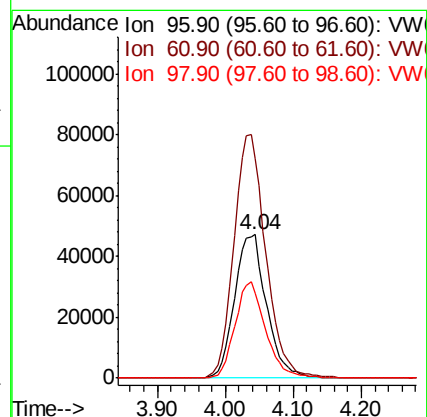
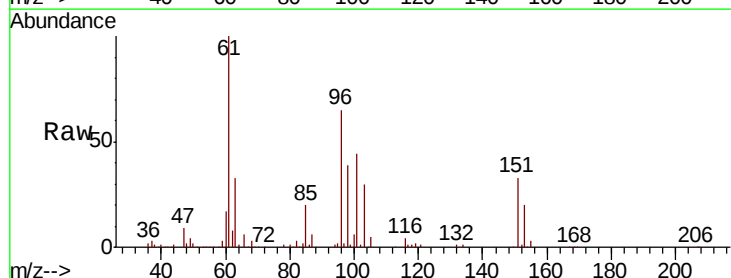
Tot Ion: 59 Resp: 54284
 Ion Ratio Lower Upper
 59 100
 57 9.7 8.6 12.8

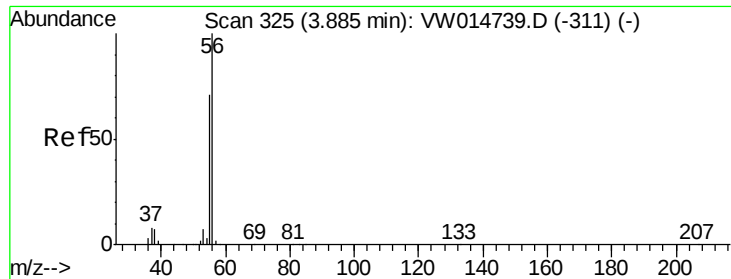


#12

1,1-Dichloroethene
 Concen: 19.998 ug/l
 RT: 4.04 min Scan# 351
 Delta R.T. 0.01 min
 Lab File: VW014745.D
 Acq: 24 Jan 2020 15:40

Tgt Ion: 96 Resp: 154452
 Ion Ratio Lower Upper
 96 100
 61 153.0 136.3 204.5
 98 59.4 51.0 76.6

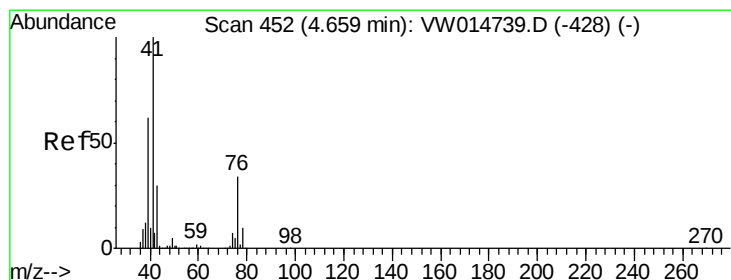
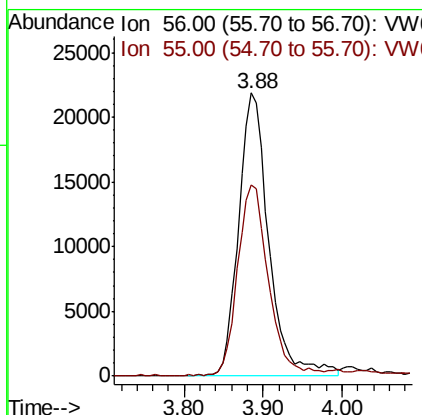
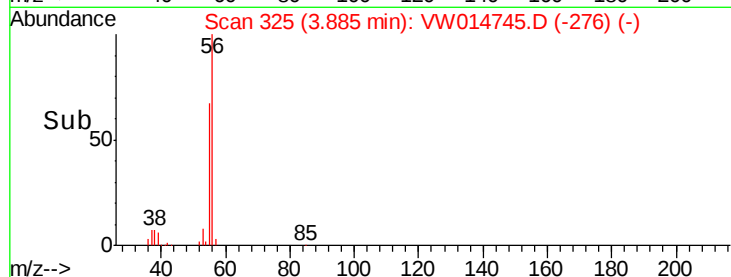
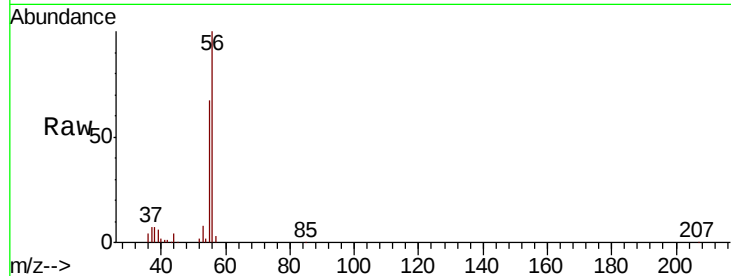




#13
Acrolein
Concen: 101.242 ug/l
RT: 3.88 min Scan# 325
Delta R.T. -0.00 min
Lab File: VW014745.D
Acq: 24 Jan 2020 15:40

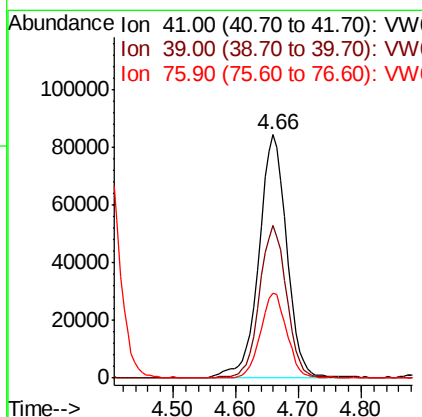
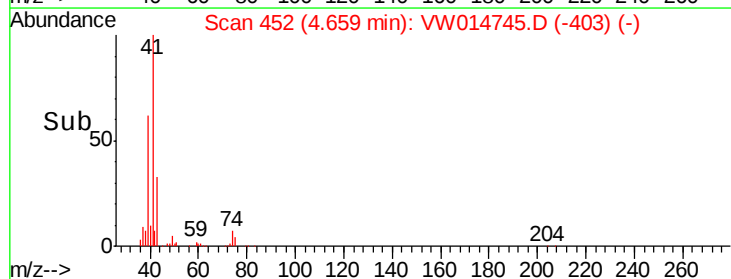
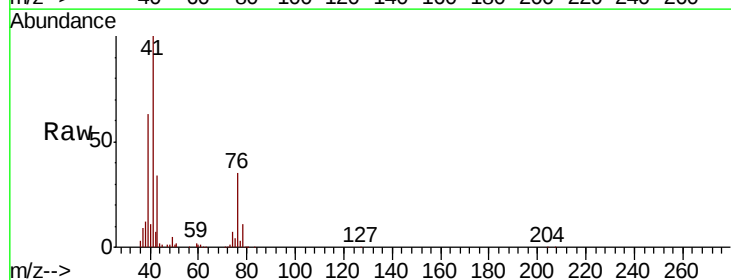
Instrument :
MSVOA_W
ClientSampleId :
VW0124SBSD01

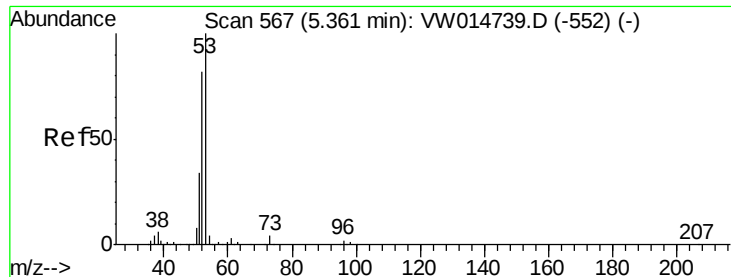
Tot Ion: 56 Resp: 58464
Ion Ratio Lower Upper
56 100
55 67.9 55.7 83.5



#14
Allyl chloride
Concen: 20.524 ug/l
RT: 4.66 min Scan# 452
Delta R.T. -0.00 min
Lab File: VW014745.D
Acq: 24 Jan 2020 15:40

Tgt Ion: 41 Resp: 260345
Ion Ratio Lower Upper
41 100
39 61.4 50.0 75.0
76 32.5 26.7 40.1





#15

Acrylonitrile

Concen: 101.135 ug/l

RT: 5.36 min Scan# 567

Delta R.T. -0.00 min

Lab File: VW014745.D

Acq: 24 Jan 2020 15:40

Instrument :

MSVOA_W

ClientSampleId :

VW0124SBSD01

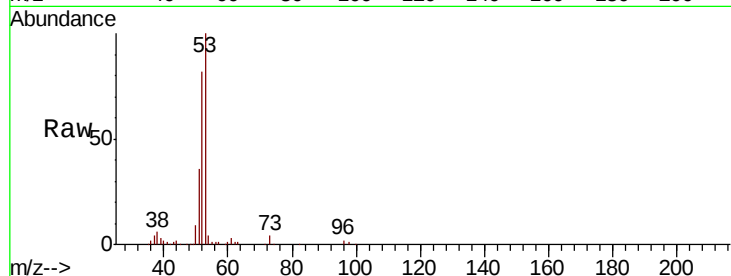
Tot Ion: 53 Resp: 182120

Ion Ratio Lower Upper

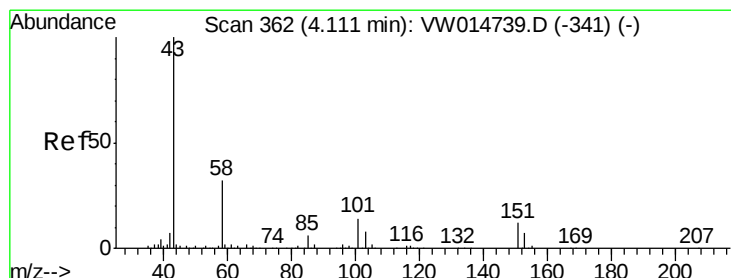
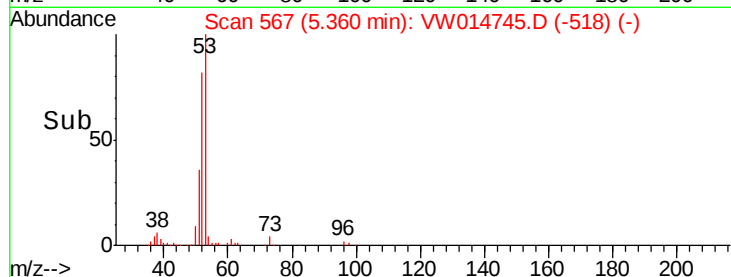
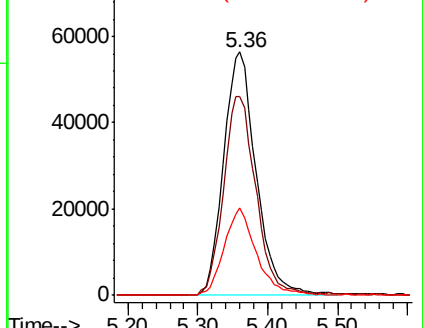
53 100

52 81.4 66.0 99.0

51 35.6 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: 98.926 ug/l

RT: 4.11 min Scan# 362

Delta R.T. -0.00 min

Lab File: VW014745.D

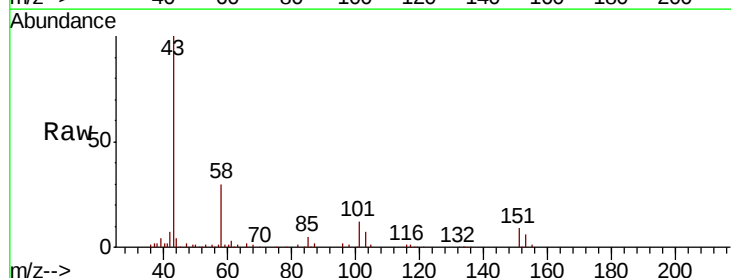
Acq: 24 Jan 2020 15:40

Tgt Ion: 43 Resp: 179331

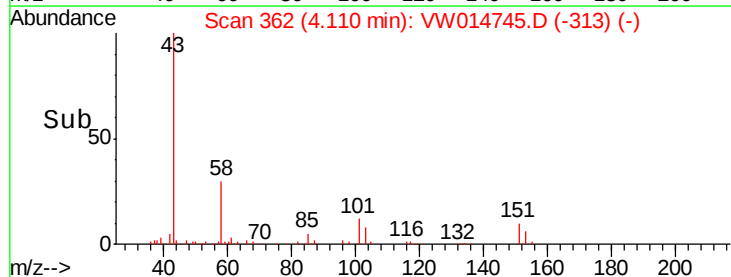
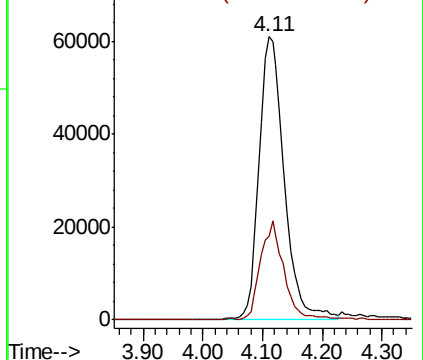
Ion Ratio Lower Upper

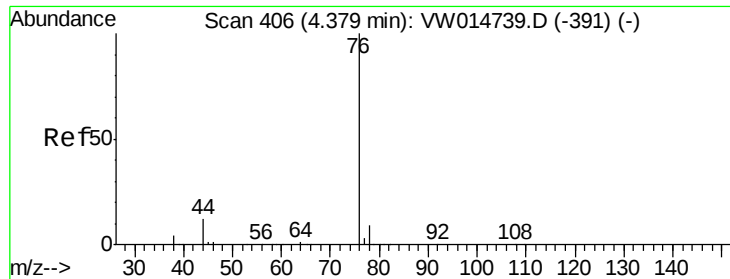
43 100

58 29.7 25.6 38.4



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

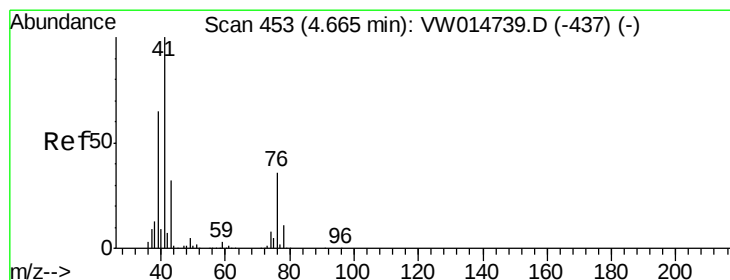
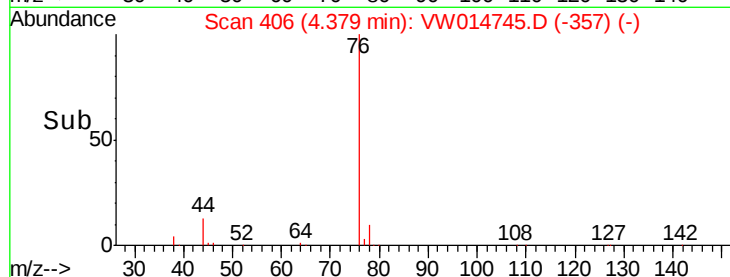
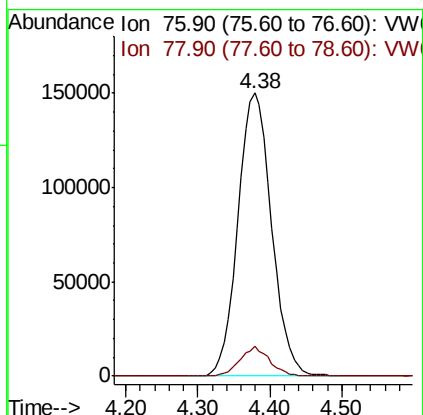
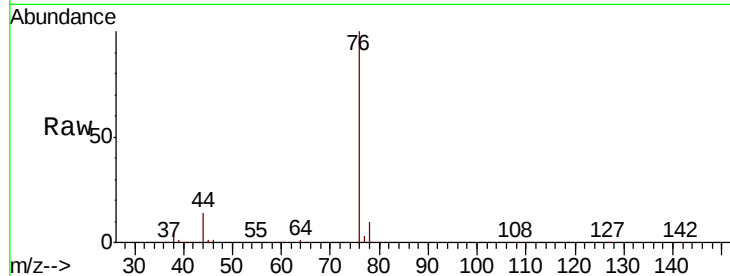




#17
Carbon Disulfide
Concen: 19.760 ug/l
RT: 4.38 min Scan# 406
Delta R.T. -0.00 min
Lab File: VW014745.D
Acq: 24 Jan 2020 15:40

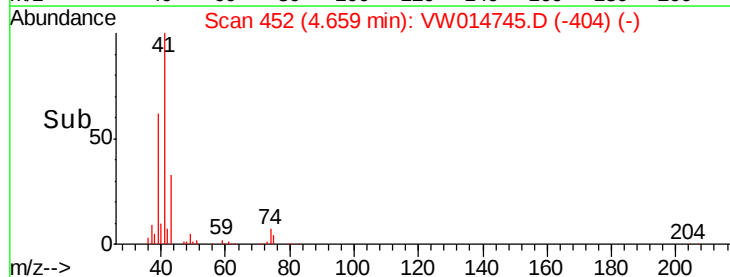
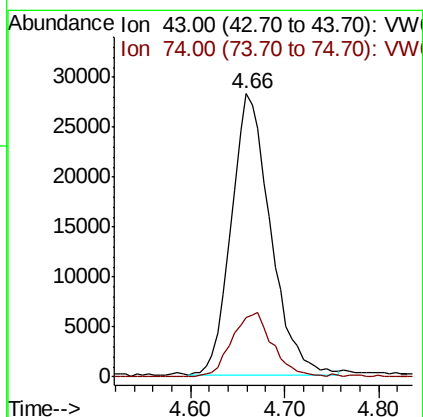
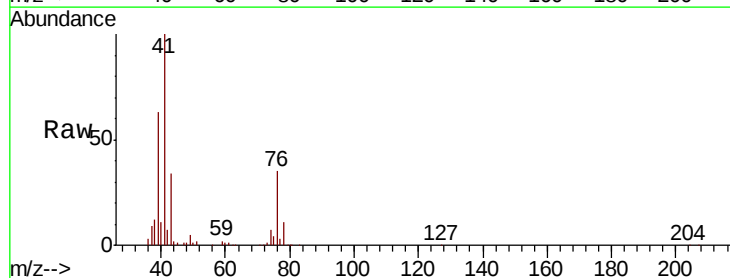
Instrument :
MSVOA_W
ClientSampleId :
VW0124SBSD01

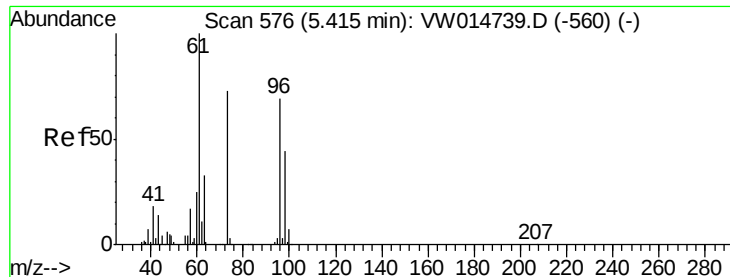
Tot Ion: 76 Resp: 486589
Ion Ratio Lower Upper
76 100
78 10.4 7.2 10.8



#18
Methyl Acetate
Concen: 20.127 ug/l
RT: 4.66 min Scan# 452
Delta R.T. -0.01 min
Lab File: VW014745.D
Acq: 24 Jan 2020 15:40

Tgt Ion: 43 Resp: 81681
Ion Ratio Lower Upper
43 100
74 23.7 18.4 27.6

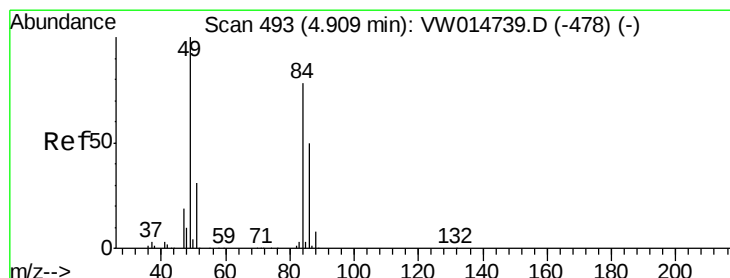
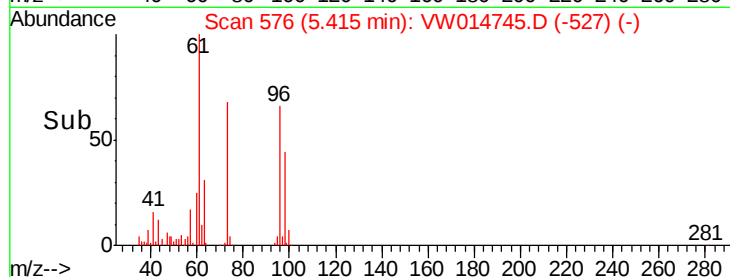
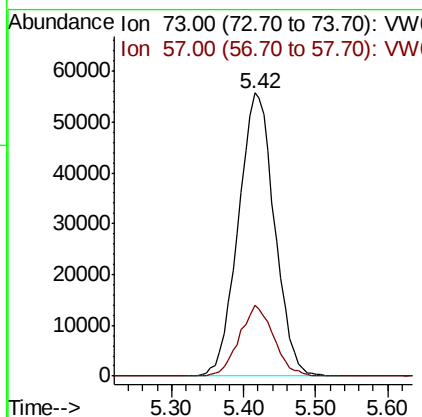
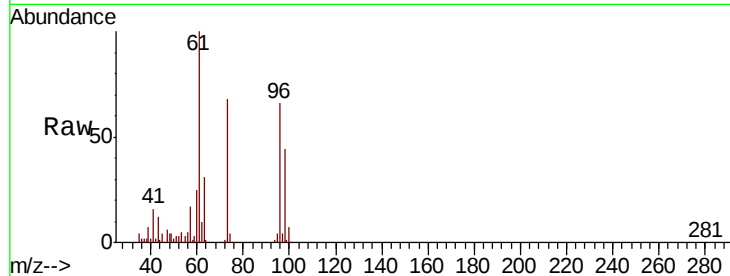




#19
Methyl tert-butyl Ether
Concen: 20.088 ug/l
RT: 5.42 min Scan# 576
Delta R.T. -0.00 min
Lab File: VW014745.D
Acq: 24 Jan 2020 15:40

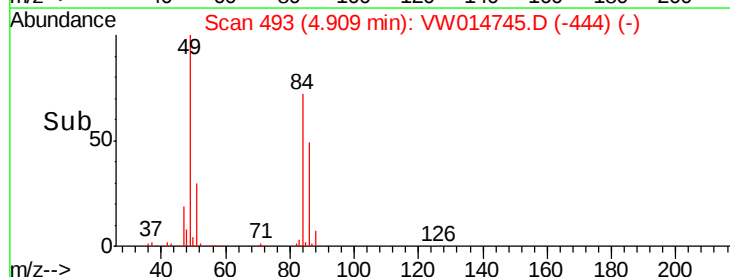
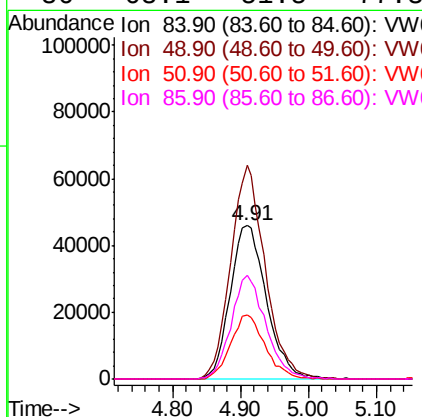
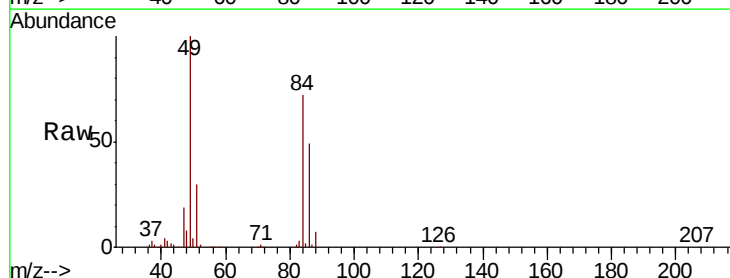
Instrument :
MSVOA_W
ClientSampleId :
VW0124SBS01

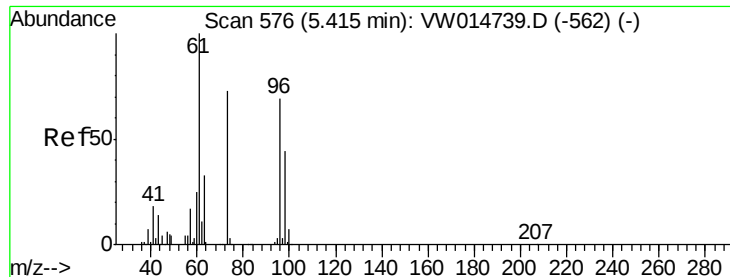
Tot Ion: 73 Resp: 194181
Ion Ratio Lower Upper
73 100
57 25.2 18.5 27.7



#20
Methylene Chloride
Concen: 19.260 ug/l
RT: 4.91 min Scan# 493
Delta R.T. 0.00 min
Lab File: VW014745.D
Acq: 24 Jan 2020 15:40

Tgt Ion: 84 Resp: 170217
Ion Ratio Lower Upper
84 100
49 139.5 103.1 154.7
51 41.8 32.1 48.1
86 68.1 51.5 77.3





#21

trans-1,2-Dichloroethene

Concen: 20.063 ug/l

RT: 5.42 min Scan# 576

Delta R.T. -0.00 min

Lab File: VW014745.D

Acq: 24 Jan 2020 15:40

Instrument :

MSVOA_W

ClientSampleId :

VW0124SBSD01

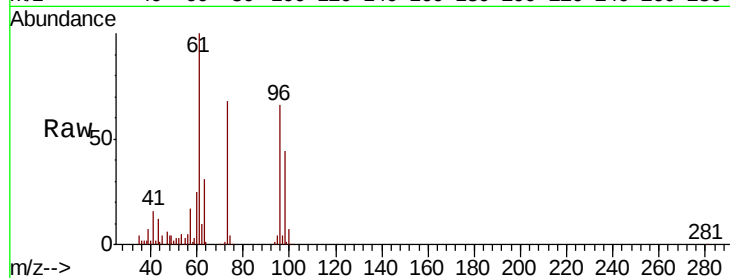
Tot Ion: 96 Resp: 164309

Ion Ratio Lower Upper

96 100

61 151.9 116.1 174.1

98 66.8 51.6 77.4

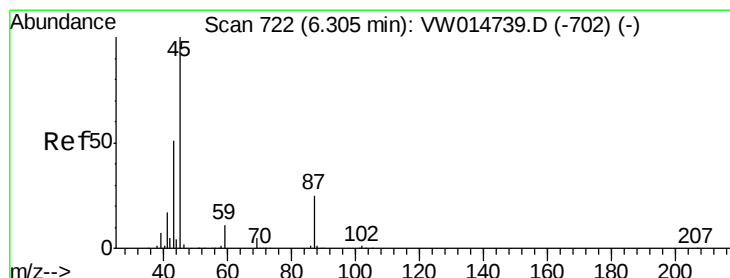
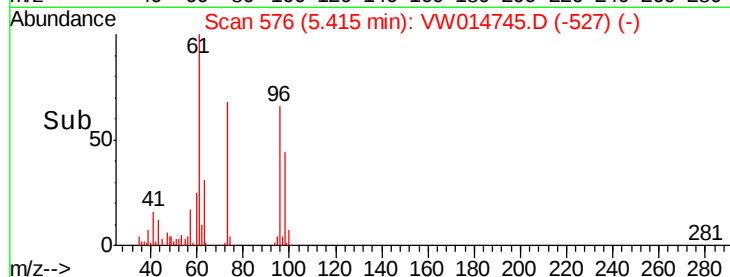
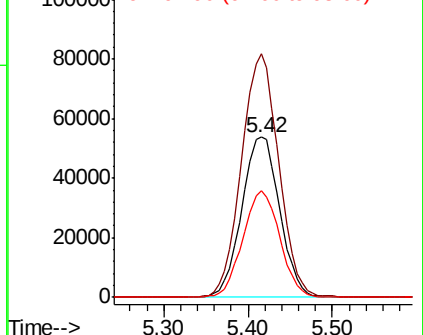


Abundance

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: 20.785 ug/l

RT: 6.31 min Scan# 722

Delta R.T. -0.00 min

Lab File: VW014745.D

Acq: 24 Jan 2020 15:40

Tgt Ion: 45 Resp: 484231

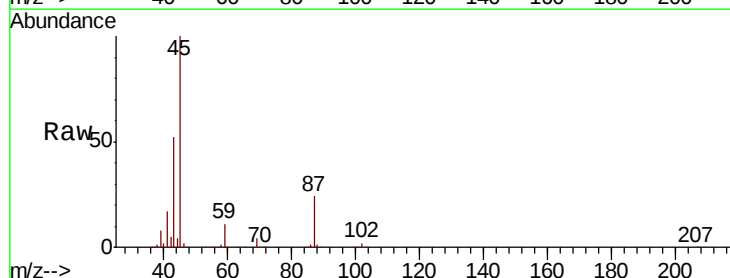
Ion Ratio Lower Upper

45 100

43 51.6 40.9 61.3

87 23.8 20.3 30.5

59 11.3 9.1 13.7



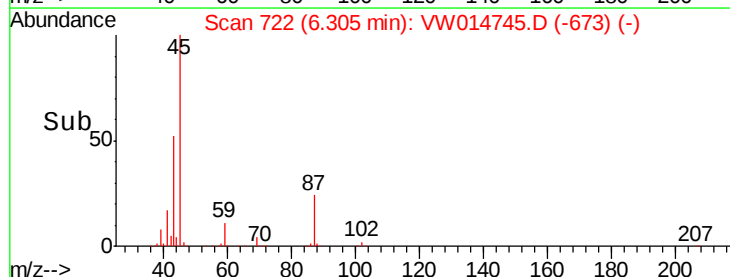
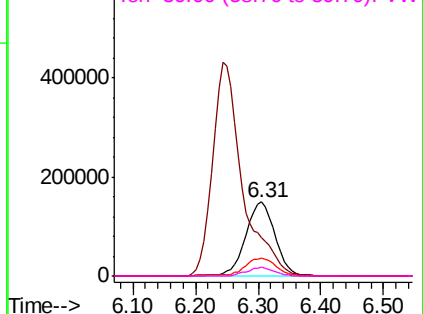
Abundance

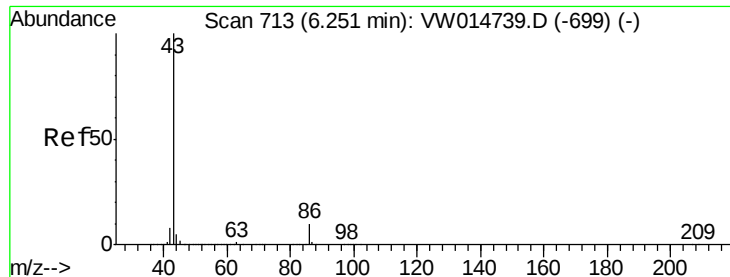
Ion 45.00 (44.70 to 45.70): VW

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: 102.675 ug/l

RT: 6.24 min Scan# 712

Delta R.T. -0.01 min

Lab File: VW014745.D

Acq: 24 Jan 2020 15:40

Instrument :

MSVOA_W

ClientSampleId :

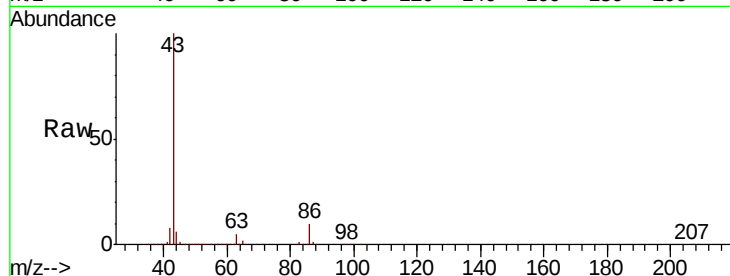
VW0124SBSD01

Tot Ion: 43 Resp: 1418118

Ion Ratio Lower Upper

43 100

86 9.7 7.9 11.9



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 86.00 (85.70 to 86.70): VW

6.24

500000

400000

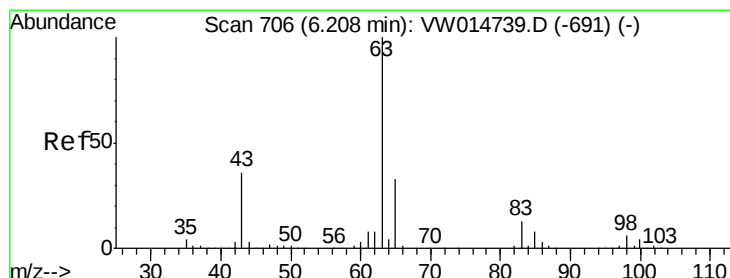
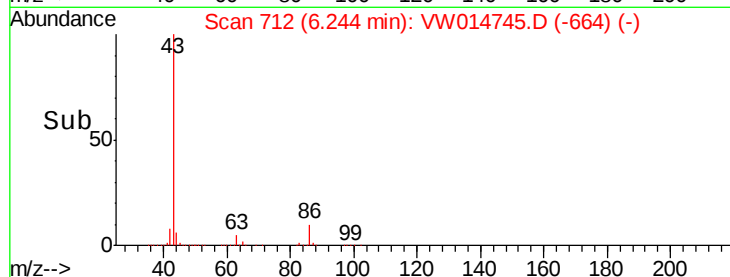
300000

200000

100000

0

Time-->



#24

1,1-Dichloroethane

Concen: 20.145 ug/l

RT: 6.21 min Scan# 706

Delta R.T. -0.00 min

Lab File: VW014745.D

Acq: 24 Jan 2020 15:40

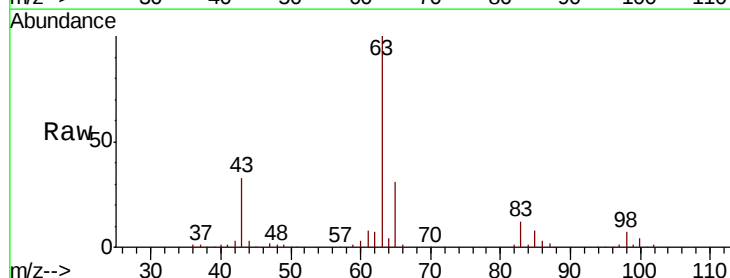
Tgt Ion: 63 Resp: 294696

Ion Ratio Lower Upper

63 100

98 6.7 3.3 9.8

100 4.2 2.1 6.5



Abundance Ion 62.90 (62.60 to 63.60): VW

Ion 97.90 (97.60 to 98.60): VW

Ion 99.90 (99.60 to 100.60): VW

120000

100000

80000

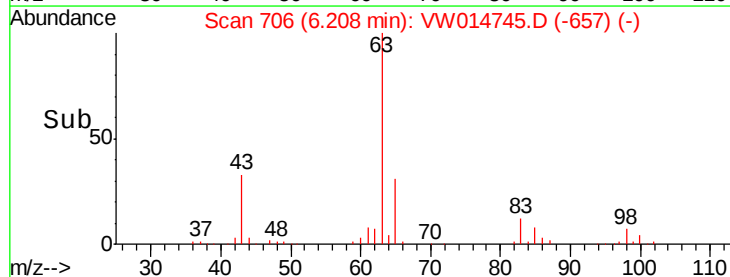
60000

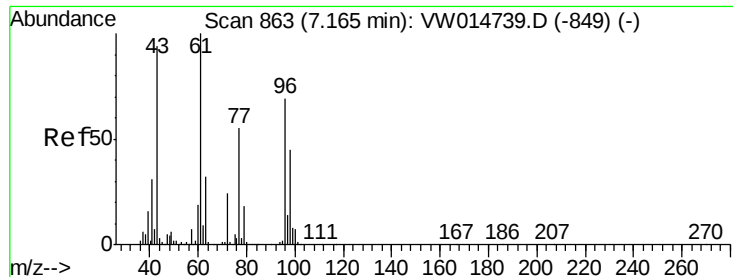
40000

20000

0

Time-->





#25

2-Butanone

Concen: 101.554 ug/l

RT: 7.16 min Scan# 863

Delta R.T. -0.00 min

Lab File: VW014745.D

Acq: 24 Jan 2020 15:40

Instrument :

MSVOA_W

ClientSampled :

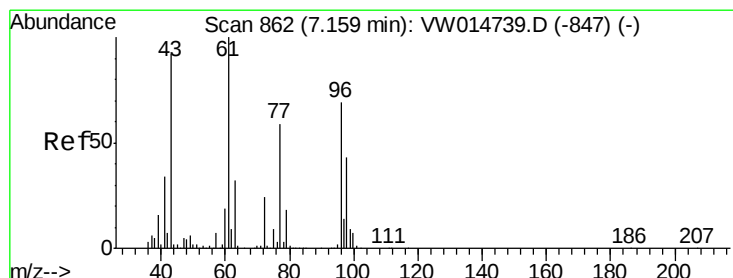
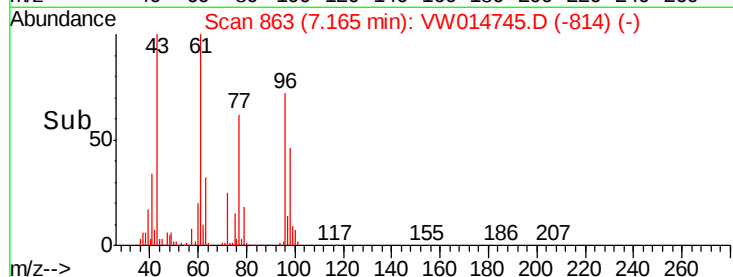
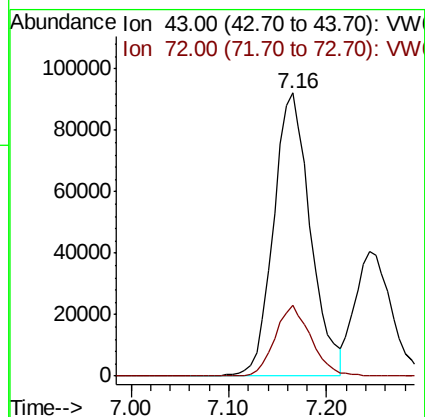
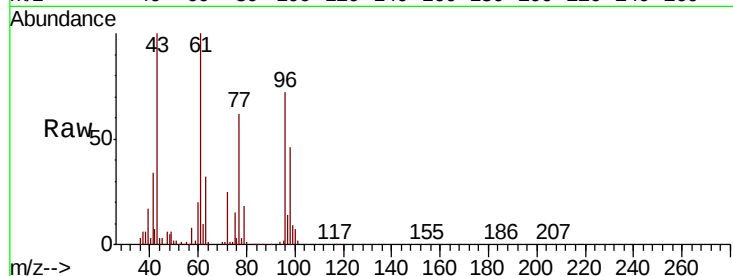
VW0124SBSD01

Tot Ion: 43 Resp: 242303

Ion Ratio Lower Upper

43 100

72 25.3 20.2 30.4



#26

2,2-Dichloropropane

Concen: 20.656 ug/l

RT: 7.16 min Scan# 863

Delta R.T. 0.01 min

Lab File: VW014745.D

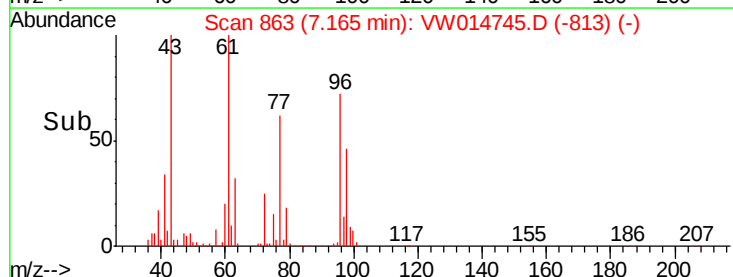
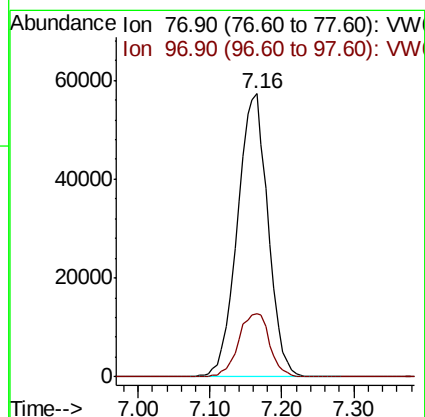
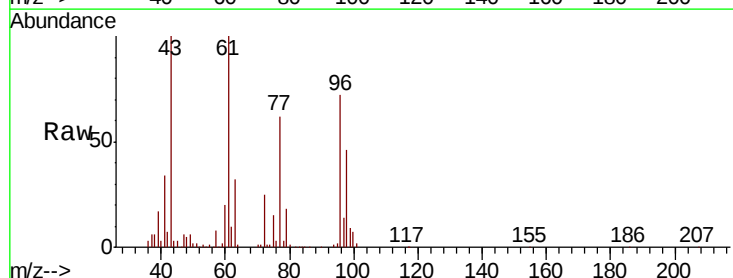
Acq: 24 Jan 2020 15:40

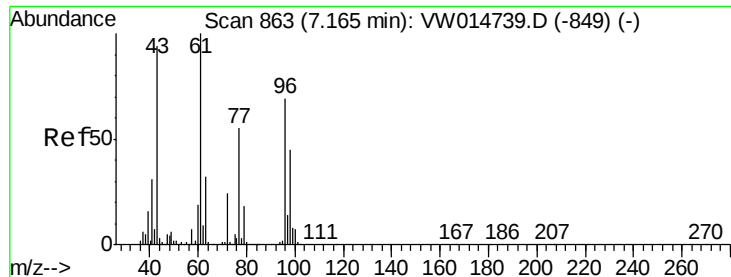
Tgt Ion: 77 Resp: 168396

Ion Ratio Lower Upper

77 100

97 22.8 11.9 35.9



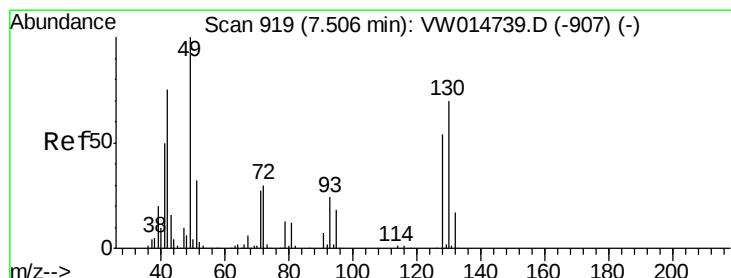
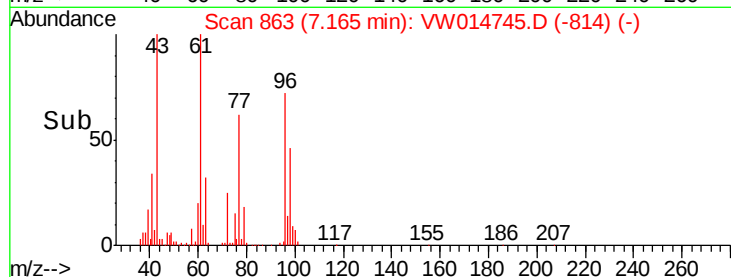
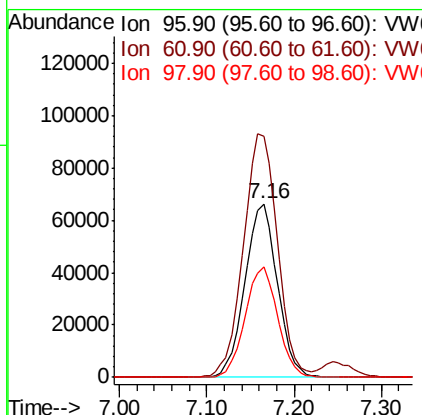
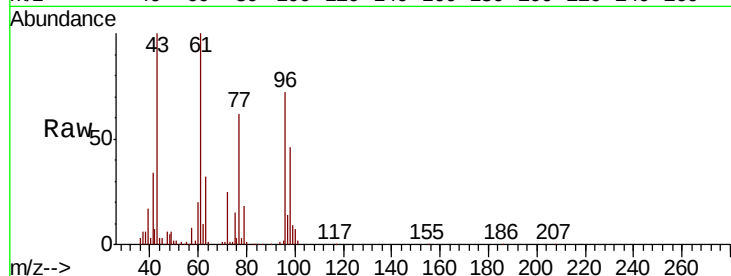


#27

cis-1,2-Dichloroethene
 Concen: 20.399 ug/l
 RT: 7.16 min Scan# 863
 Delta R.T. -0.00 min
 Lab File: VW014745.D
 Acq: 24 Jan 2020 15:40

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0124SBSD01

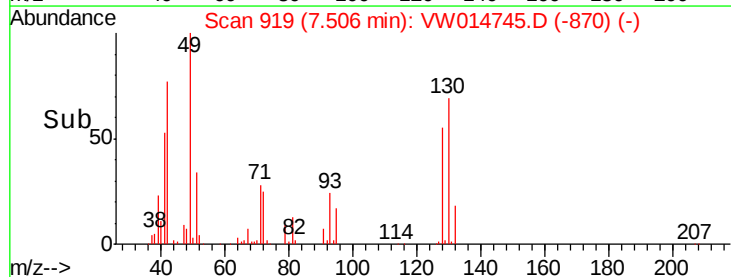
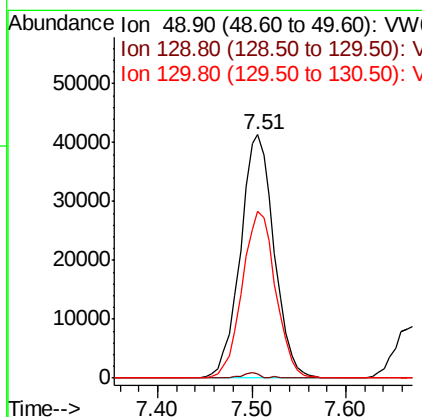
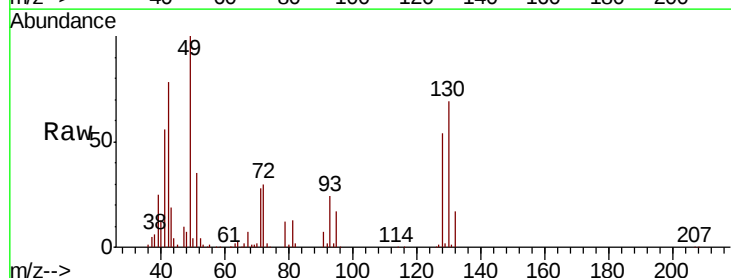
Tot Ion	Ratio	Lower	Upper
96	100		
61	147.4	0.0	292.2
98	63.9	0.0	127.6

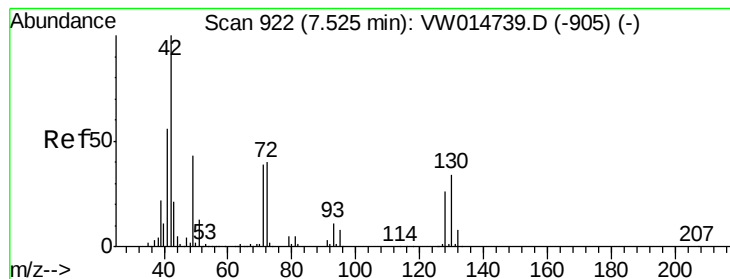


#28

Bromochloromethane
 Concen: 18.340 ug/l
 RT: 7.51 min Scan# 919
 Delta R.T. -0.00 min
 Lab File: VW014745.D
 Acq: 24 Jan 2020 15:40

Tgt Ion	Ratio	Lower	Upper
49	100		
129	1.0	0.0	2.6
130	68.1	56.7	85.1





#29

Tetrahydrofuran

Concen: 100.273 ug/l

RT: 7.52 min Scan# 922

Delta R.T. -0.00 min

Lab File: VW014745.D

Acq: 24 Jan 2020 15:40

Instrument :

MSVOA_W

ClientSampleId :

VW0124SBSD01

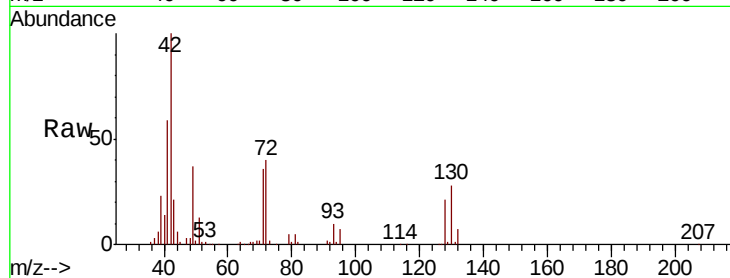
Tot Ion: 42 Resp: 151339

Ion Ratio Lower Upper

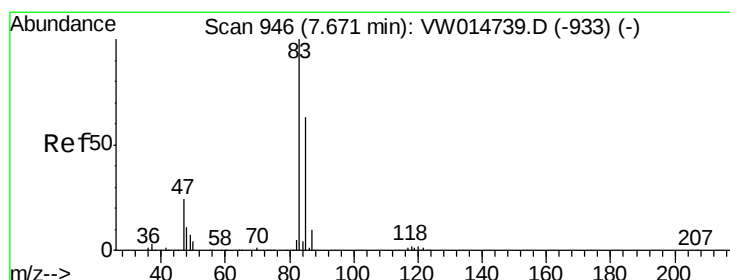
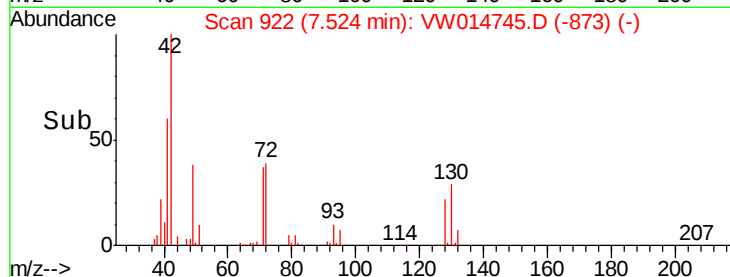
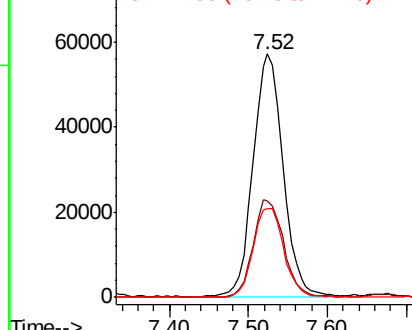
42 100

72 40.7 32.3 48.5

71 37.7 31.0 46.4



Abundance Ion 42.00 (41.70 to 42.70): VW
Ion 72.00 (71.70 to 72.70): VW
Ion 71.00 (70.70 to 71.70): VW



#30

Chloroform

Concen: 20.158 ug/l

RT: 7.67 min Scan# 946

Delta R.T. -0.00 min

Lab File: VW014745.D

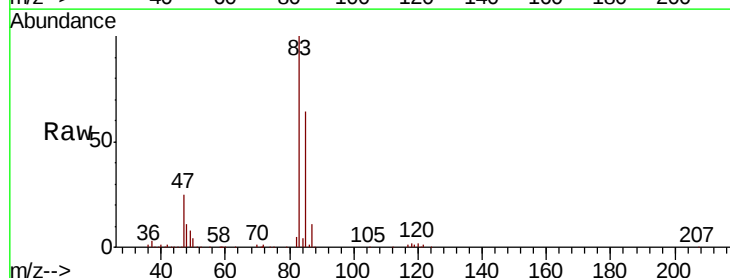
Acq: 24 Jan 2020 15:40

Tgt Ion: 83 Resp: 272311

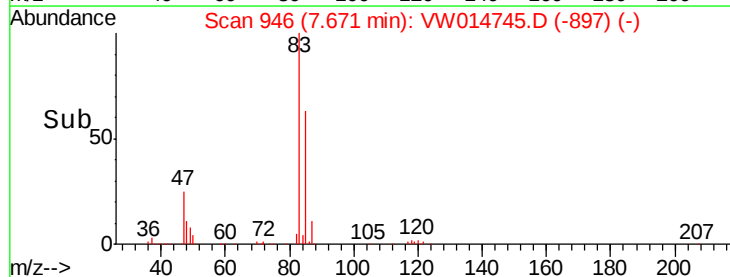
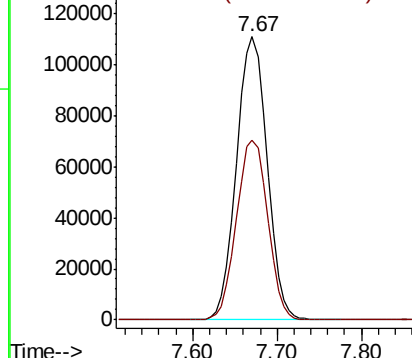
Ion Ratio Lower Upper

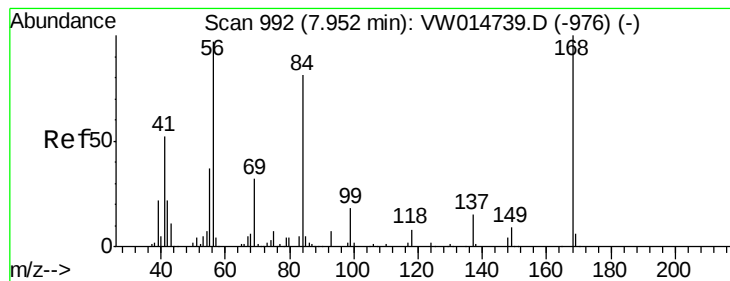
83 100

85 63.6 50.1 75.1



Abundance Ion 82.90 (82.60 to 83.60): VW
Ion 84.90 (84.60 to 85.60): VW





#31

Cyclohexane

Concen: 20.290 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.00 min

Lab File: VW014745.D

Acq: 24 Jan 2020 15:40

Instrument :

MSVOA_W

ClientSampleId :

VW0124SBSD01

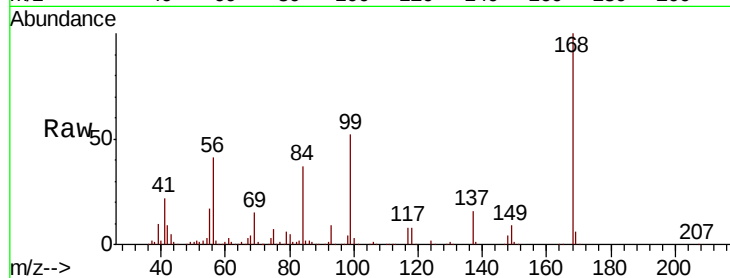
Tot Ion: 56 Resp: 304585

Ion Ratio Lower Upper

56 100

69 37.2 26.0 39.0

84 89.8 66.6 99.8

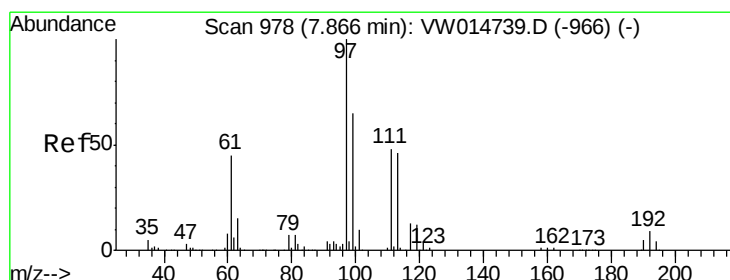
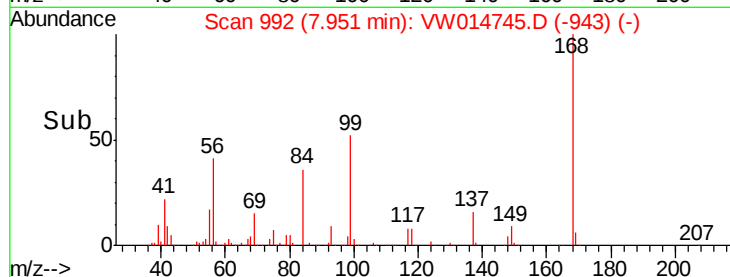
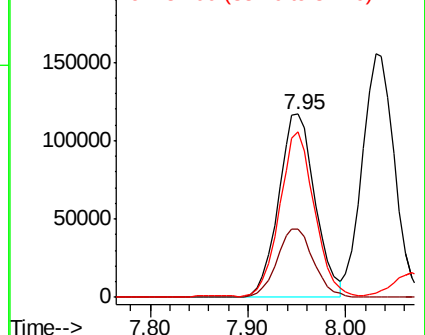


Abundance

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: 20.321 ug/l

RT: 7.87 min Scan# 978

Delta R.T. -0.00 min

Lab File: VW014745.D

Acq: 24 Jan 2020 15:40

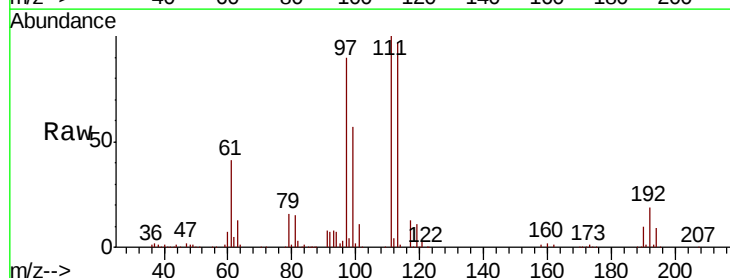
Tgt Ion: 97 Resp: 222898

Ion Ratio Lower Upper

97 100

99 65.5 52.2 78.4

61 45.8 36.2 54.4

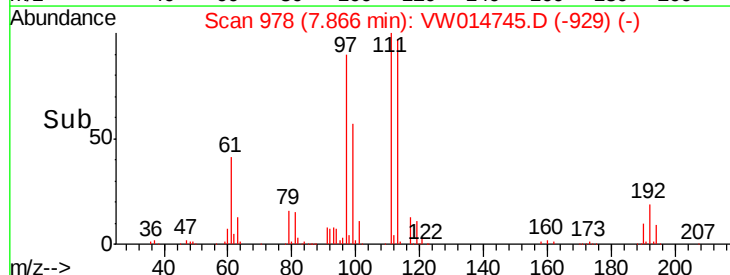
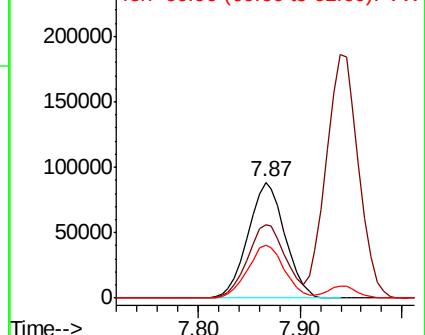


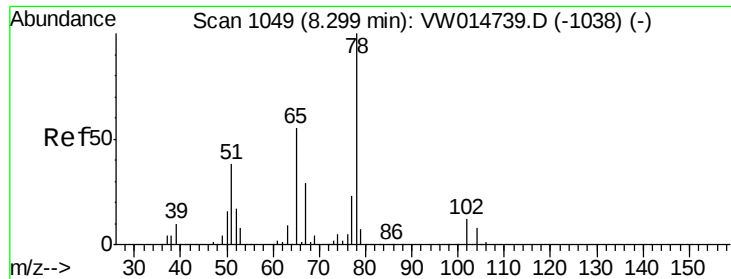
Abundance

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

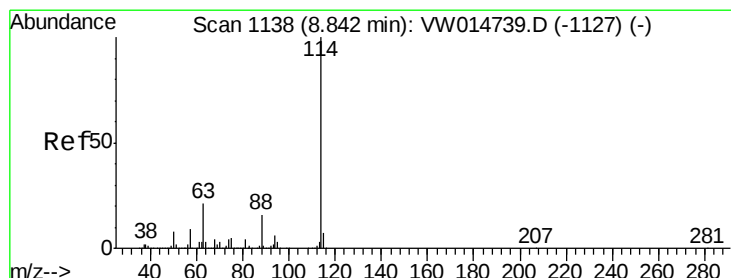
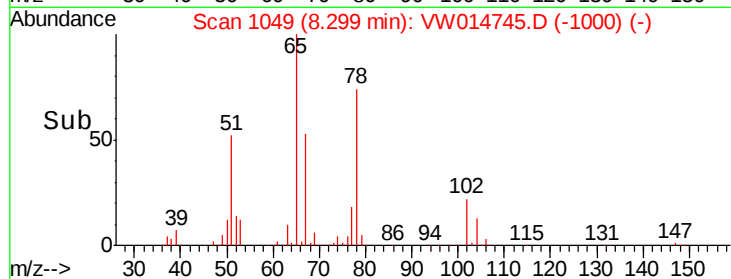
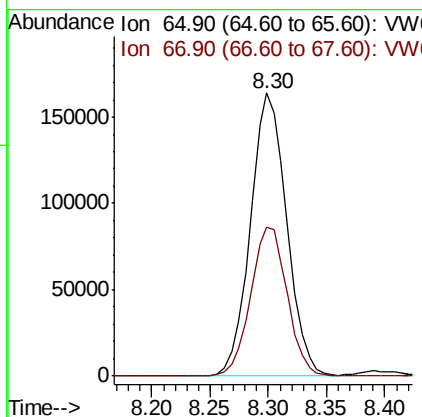
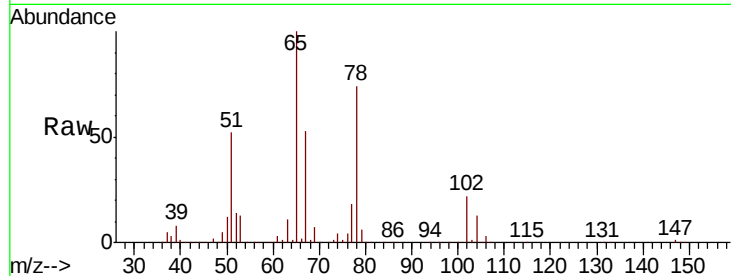




#33
 1,2-Dichloroethane-d4
 Concen: 49.290 ug/l
 RT: 8.30 min Scan# 1049
 Delta R.T. -0.00 min
 Lab File: VW014745.D
 Acq: 24 Jan 2020 15:40

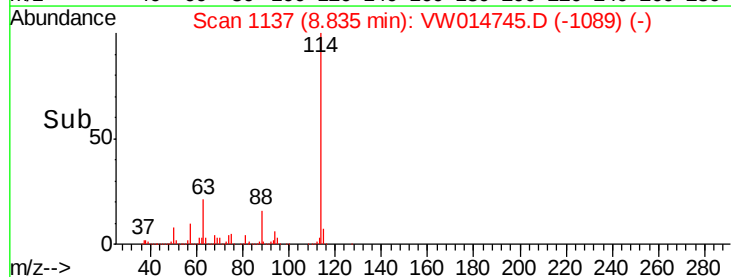
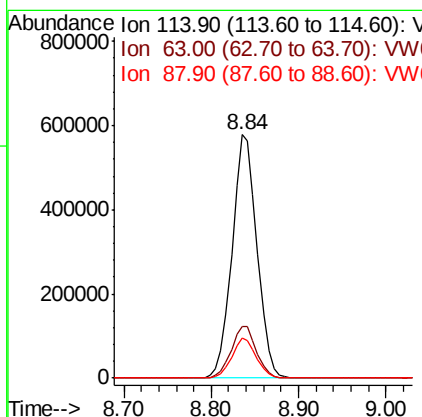
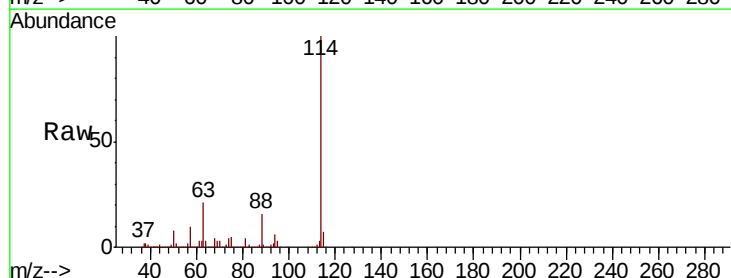
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0124SBSD01

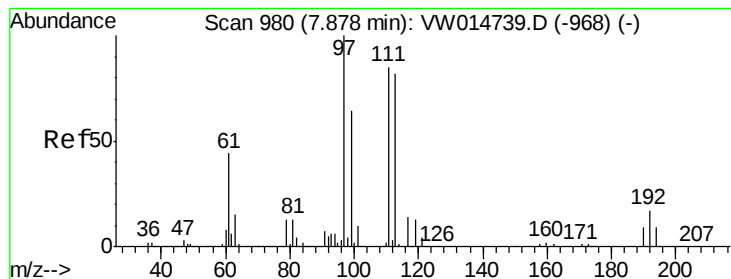
Tot Ion: 65 Resp: 35528
 Ion Ratio Lower Upper
 65 100
 67 53.5 0.0 106.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1137
 Delta R.T. -0.01 min
 Lab File: VW014745.D
 Acq: 24 Jan 2020 15:40

Tgt Ion: 114 Resp: 1141508
 Ion Ratio Lower Upper
 114 100
 63 21.3 0.0 41.2
 88 16.3 0.0 32.2





#35

Dibromofluoromethane

Concen: 49.401 ug/l

RT: 7.88 min Scan# 980

Delta R.T. -0.00 min

Lab File: VW014745.D

Acq: 24 Jan 2020 15:40

Instrument :

MSVOA_W

ClientSampleId :

VW0124SBSD01

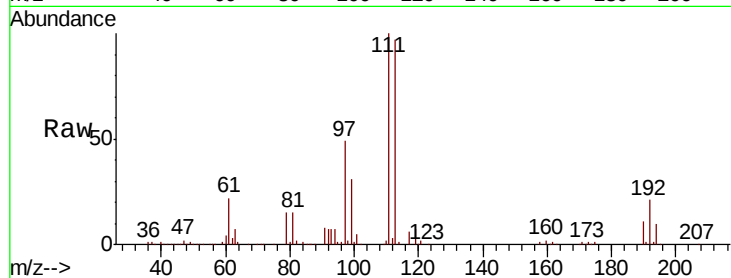
Tot Ion:113 Resp: 328255

Ion Ratio Lower Upper

113 100

111 103.7 82.2 123.2

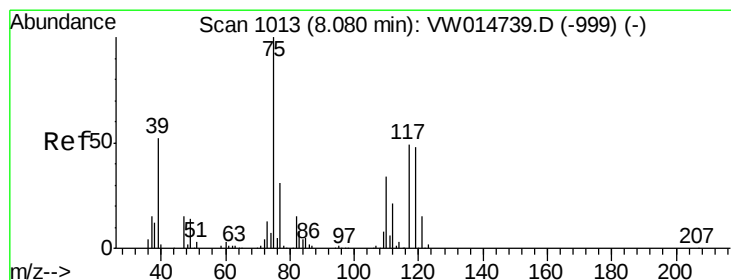
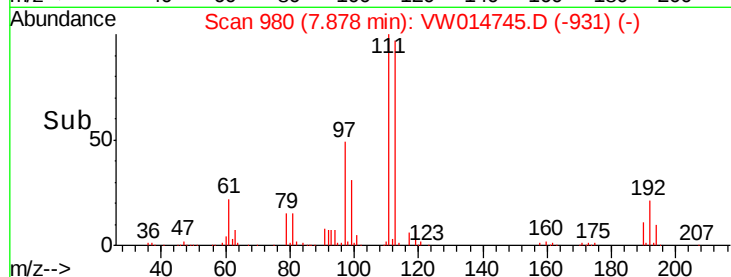
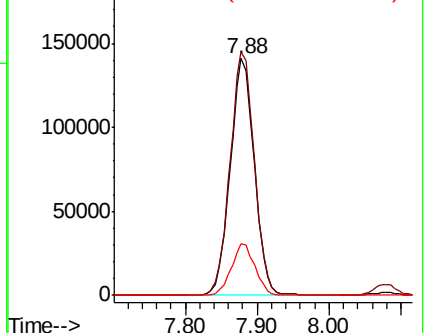
192 21.3 17.0 25.6



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: 20.733 ug/l

RT: 8.08 min Scan# 1013

Delta R.T. -0.00 min

Lab File: VW014745.D

Acq: 24 Jan 2020 15:40

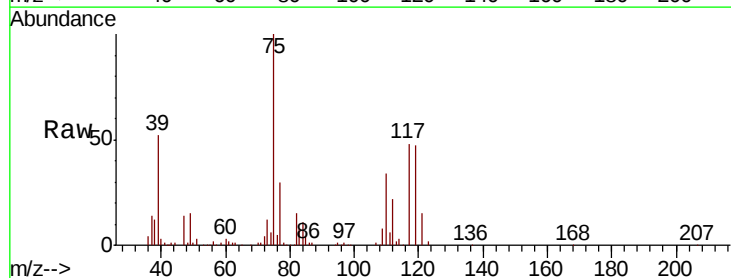
Tgt Ion: 75 Resp: 239994

Ion Ratio Lower Upper

75 100

110 33.4 17.1 51.2

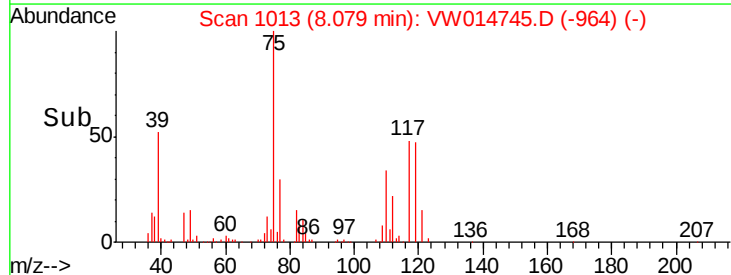
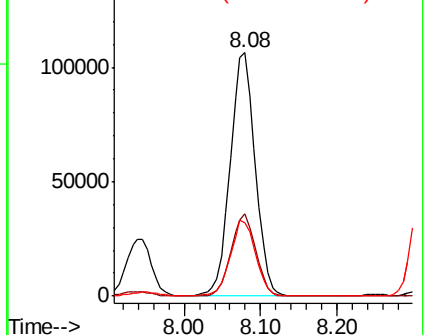
77 31.6 24.8 37.2

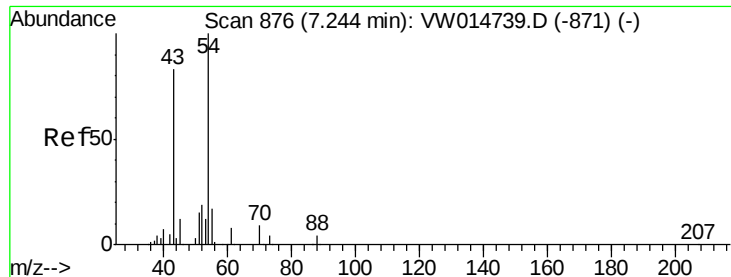


Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VW

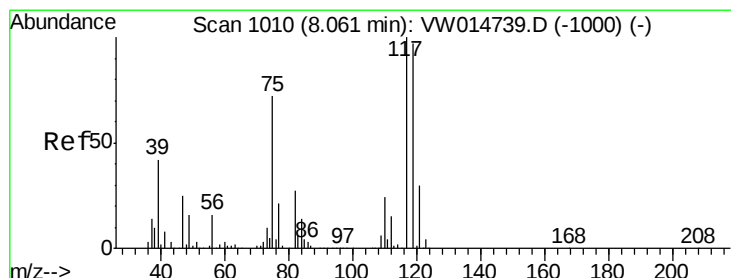
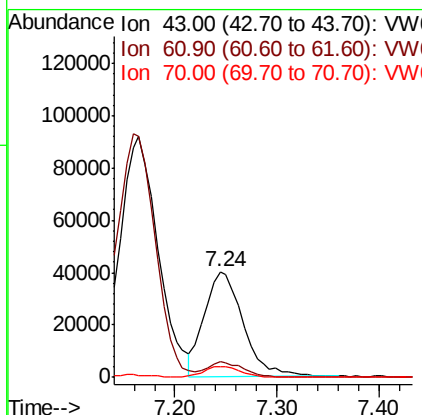
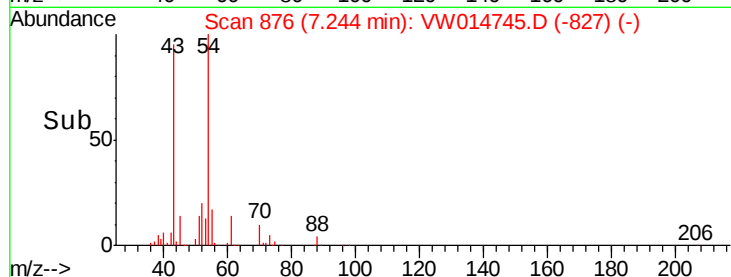
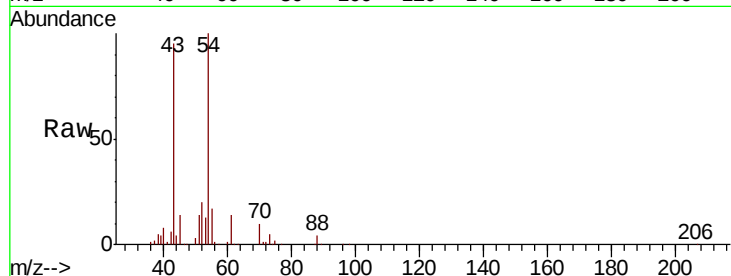




#37
Ethyl Acetate
Concen: 20.560 ug/l
RT: 7.24 min Scan# 876
Delta R.T. -0.00 min
Lab File: VW014745.D
Acq: 24 Jan 2020 15:40

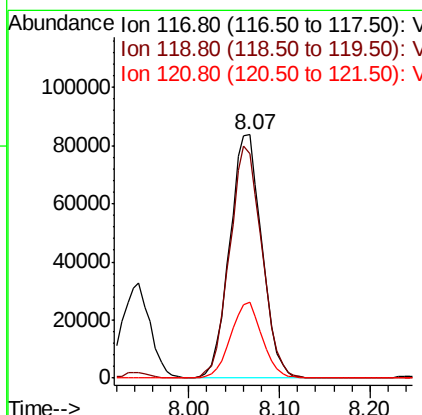
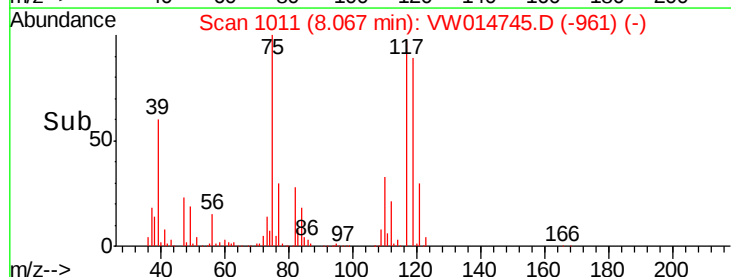
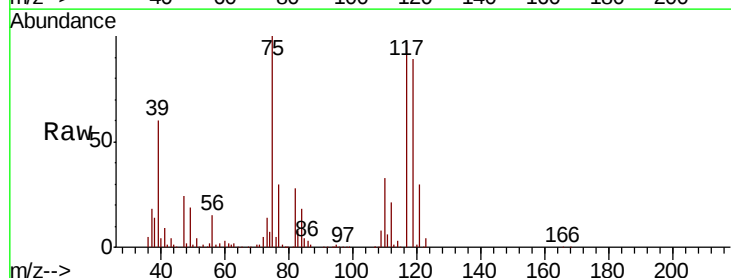
Instrument :
MSVOA_W
ClientSampleId :
VW0124SBSD01

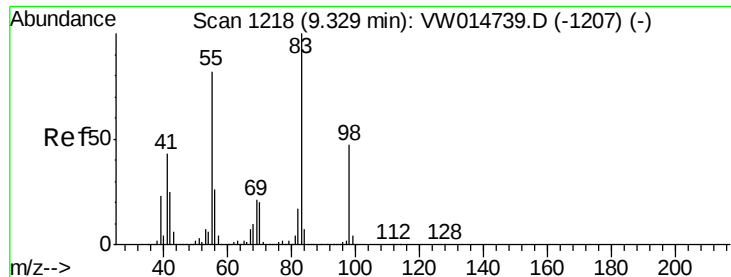
Tot Ion: 43 Resp: 105783
Ion Ratio Lower Upper
43 100
61 14.2 10.7 16.1
70 10.4 8.5 12.7



#38
Carbon Tetrachloride
Concen: 20.425 ug/l
RT: 8.07 min Scan# 1011
Delta R.T. 0.01 min
Lab File: VW014745.D
Acq: 24 Jan 2020 15:40

Tgt Ion: 117 Resp: 205910
Ion Ratio Lower Upper
117 100
119 92.2 77.5 116.3
121 31.0 24.3 36.5

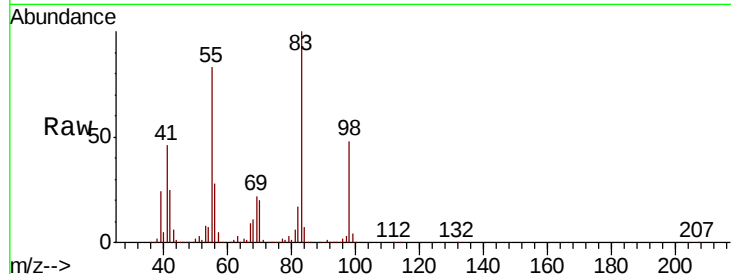




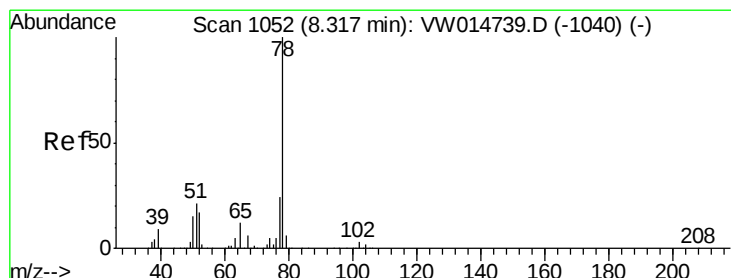
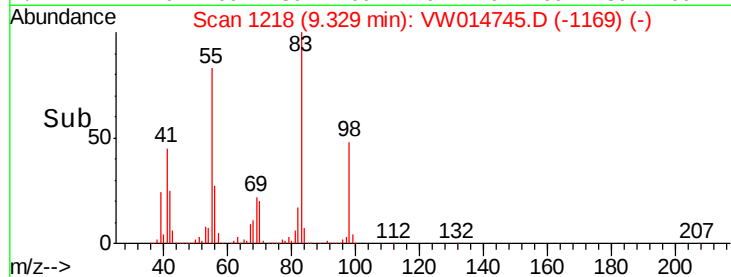
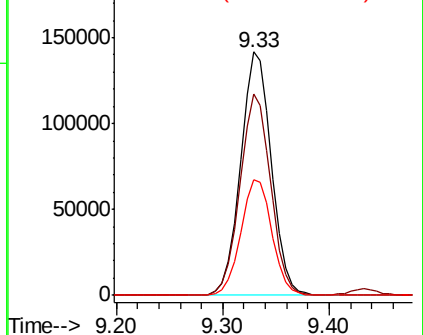
#39
Methvlcvclohexane
Concen: 20.660 ug/l
RT: 9.33 min Scan# 1218
Delta R.T. -0.00 min
Lab File: VW014745.D
Acq: 24 Jan 2020 15:40

Instrument :
MSVOA_W
ClientSampleId :
VW0124SBSD01

Tot Ion: 83 Resp: 287776
Ion Ratio Lower Upper
83 100
55 82.6 65.2 97.8
98 47.5 37.6 56.4

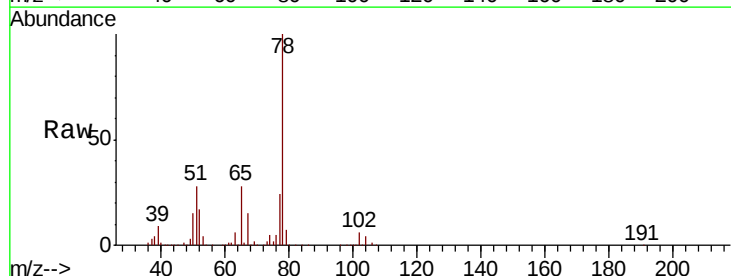


Abundance Ion 83.00 (82.70 to 83.70): VW
Ion 55.00 (54.70 to 55.70): VW
Ion 98.00 (97.70 to 98.70): VW

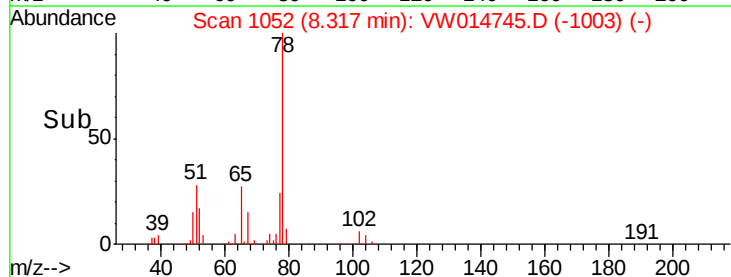
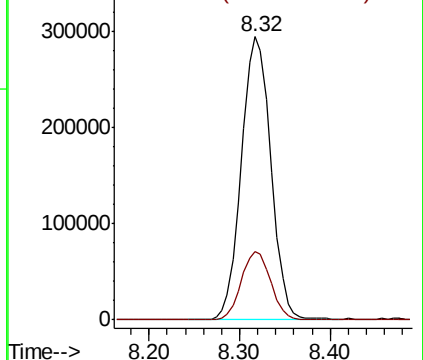


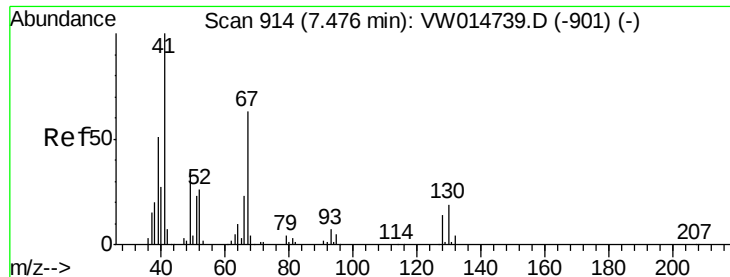
#40
Benzene
Concen: 20.500 ug/l
RT: 8.32 min Scan# 1052
Delta R.T. -0.00 min
Lab File: VW014745.D
Acq: 24 Jan 2020 15:40

Tgt Ion: 78 Resp: 662673
Ion Ratio Lower Upper
78 100
77 23.9 19.1 28.7



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

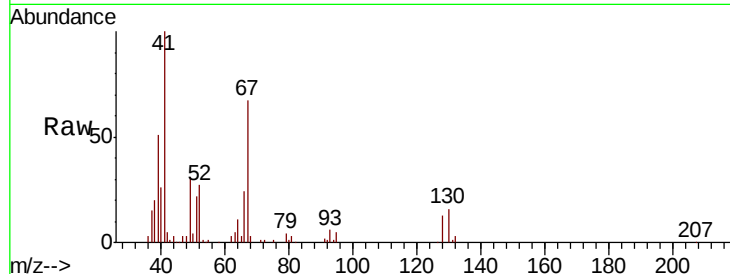




#41
Methacrylonitrile
Concen: 20.096 ug/l
RT: 7.48 min Scan# 914
Delta R.T. -0.00 min
Lab File: VW014745.D
Acq: 24 Jan 2020 15:40

Instrument :
MSVOA_W
ClientSampleId :
VW0124SBSD01

Tot Ion:	41	Resp:	56575
Ion	Ratio	Lower	Upper
41	100		
39	58.0	45.3	67.9
67	70.7	57.0	85.4
52	30.1	23.0	34.6



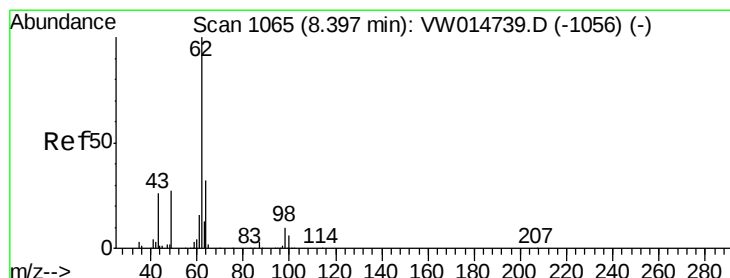
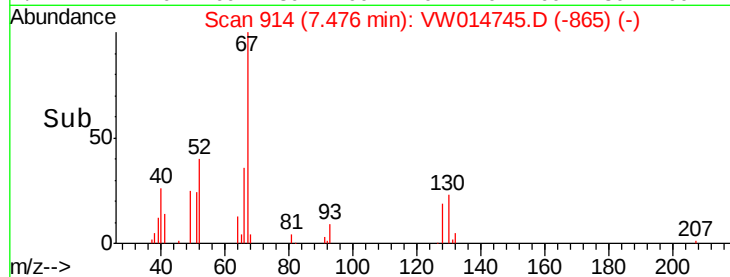
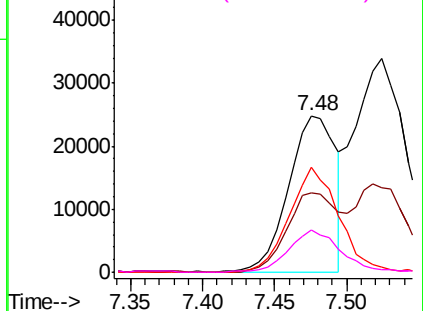
Abundance

Ion 41.00 (40.70 to 41.70): VW

Ion 39.00 (38.70 to 39.70): VW

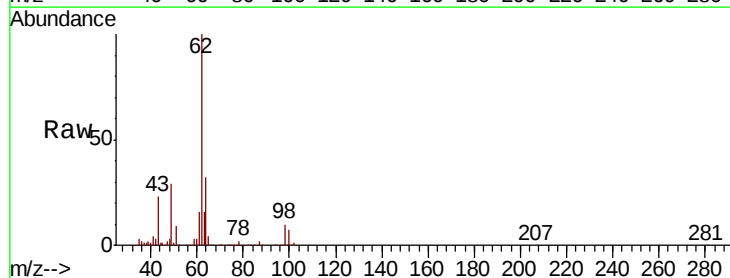
Ion 67.00 (66.70 to 67.70): VW

Ion 52.00 (51.70 to 52.70): VW



#42
1,2-Dichloroethane
Concen: 20.134 ug/l
RT: 8.40 min Scan# 1065
Delta R.T. -0.00 min
Lab File: VW014745.D
Acq: 24 Jan 2020 15:40

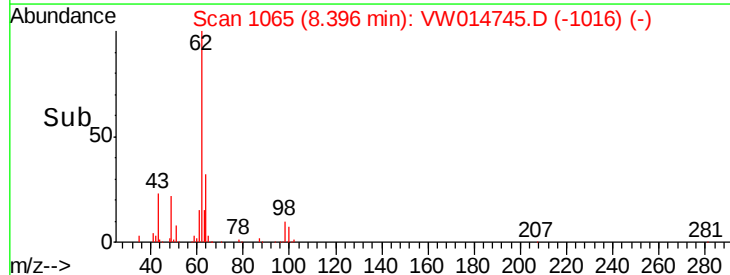
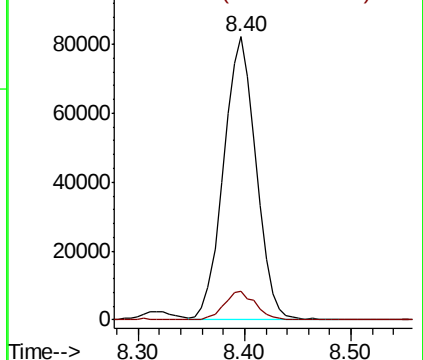
Tgt Ion:	62	Resp:	174892
Ion	Ratio	Lower	Upper
62	100		
98	9.9	0.0	19.6

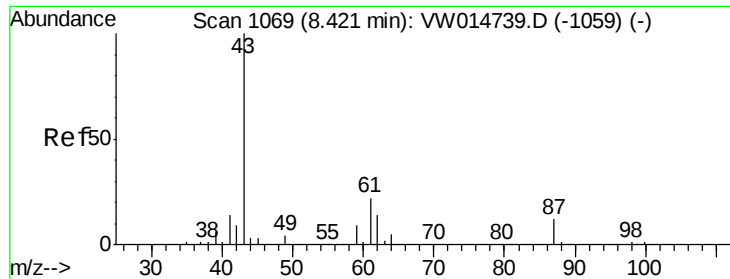


Abundance

Ion 61.90 (61.60 to 62.60): VW

Ion 97.90 (97.60 to 98.60): VW





#43

Isopropyl Acetate

Concen: 20.396 ug/l

RT: 8.42 min Scan# 1069

Delta R.T. -0.00 min

Lab File: VW014745.D

Acq: 24 Jan 2020 15:40

Instrument :

MSVOA_W

ClientSampleId :

VW0124SBS01

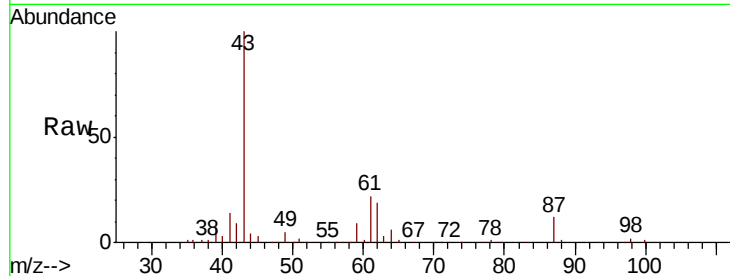
Tot Ion: 43 Resp: 189973

Ion Ratio Lower Upper

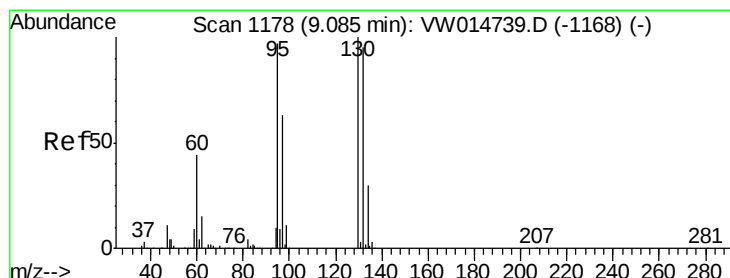
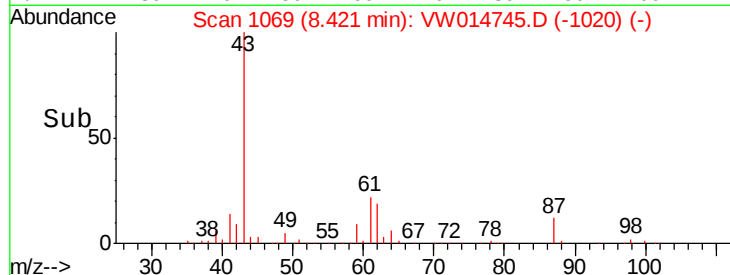
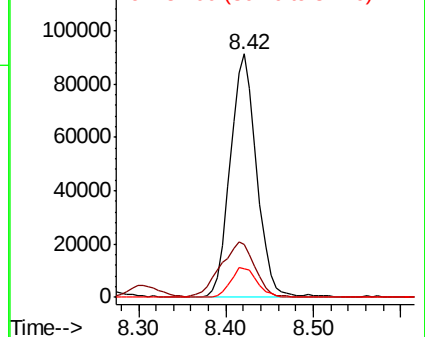
43 100

61 29.5 24.4 36.6

87 12.5 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: 20.563 ug/l

RT: 9.09 min Scan# 1179

Delta R.T. 0.01 min

Lab File: VW014745.D

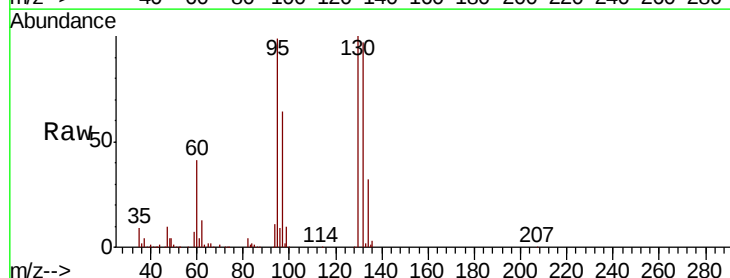
Acq: 24 Jan 2020 15:40

Tgt Ion:130 Resp: 169617

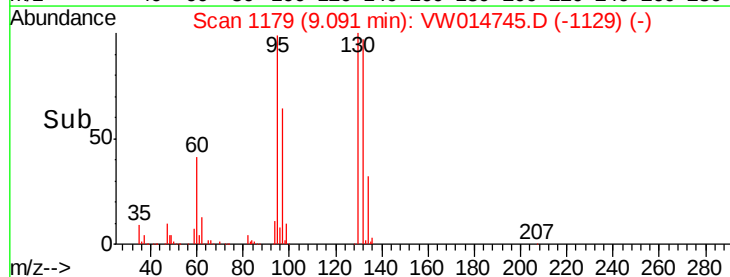
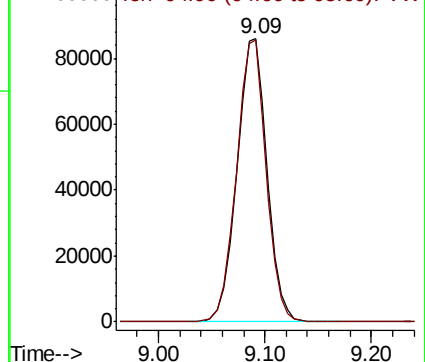
Ion Ratio Lower Upper

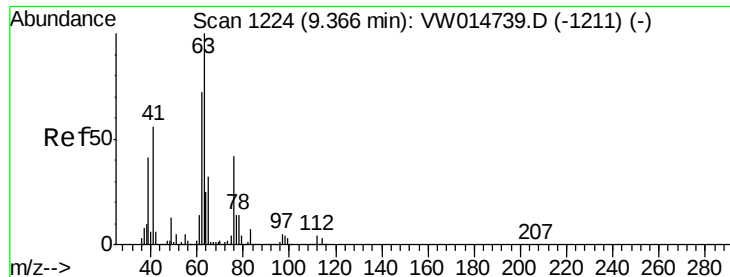
130 100

95 99.5 0.0 193.2



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

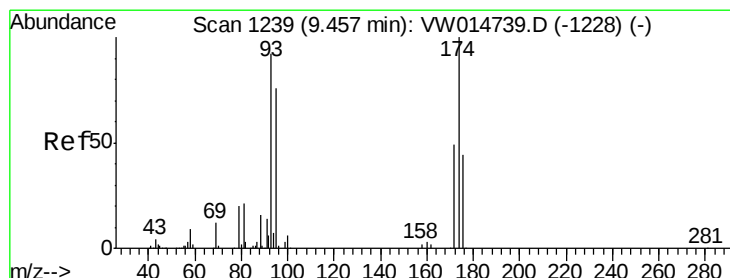
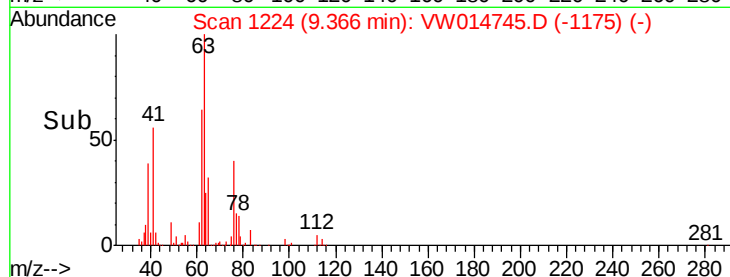
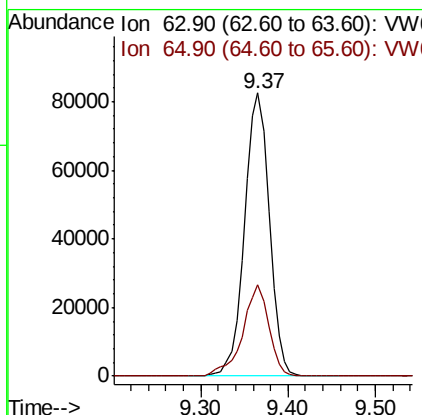
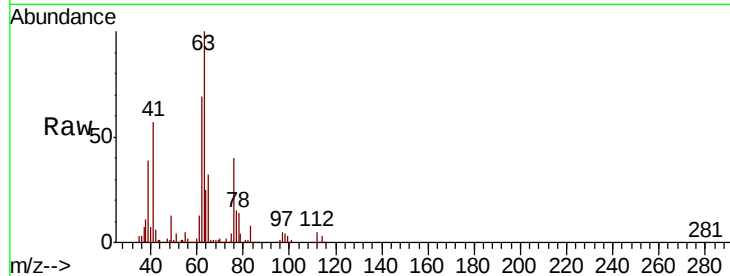




#45
 1,2-Dichloropropane
 Concen: 20.225 ug/l
 RT: 9.37 min Scan# 1224
 Delta R.T. -0.00 min
 Lab File: VW014745.D
 Acq: 24 Jan 2020 15:40

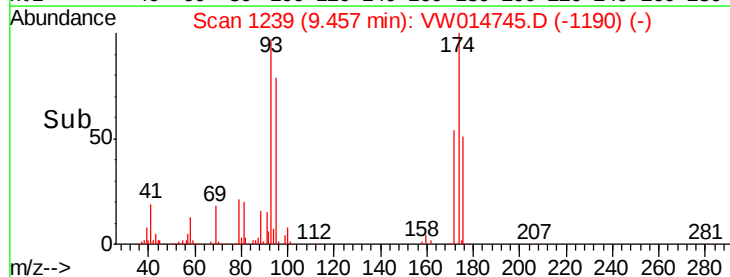
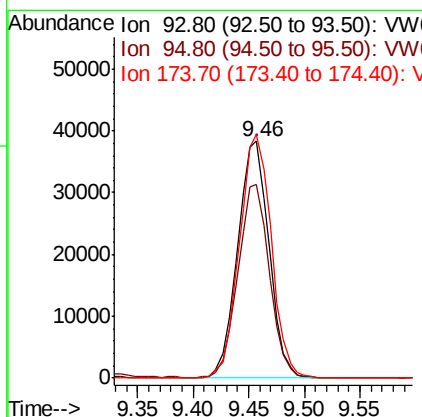
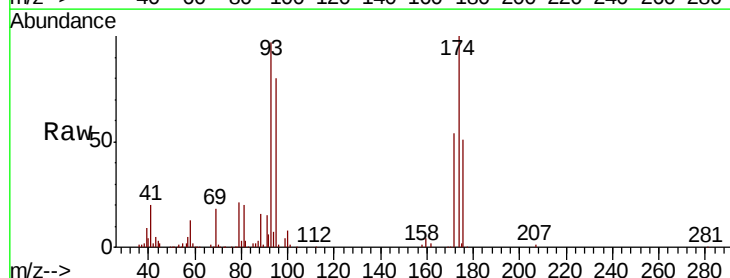
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0124SBSD01

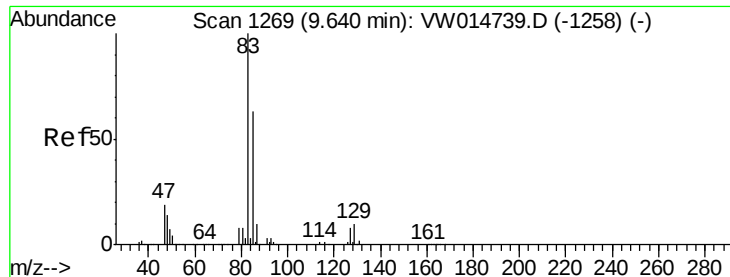
Tot Ion: 63 Resp: 162194
 Ion Ratio Lower Upper
 63 100
 65 32.2 25.3 37.9



#46
 Dibromomethane
 Concen: 19.777 ug/l
 RT: 9.46 min Scan# 1239
 Delta R.T. -0.00 min
 Lab File: VW014745.D
 Acq: 24 Jan 2020 15:40

Tgt Ion: 93 Resp: 75165
 Ion Ratio Lower Upper
 93 100
 95 82.1 65.4 98.2
 174 104.6 84.2 126.2





#47

Bromodichloromethane

Concen: 19.730 ug/l

RT: 9.64 min Scan# 1269

Delta R.T. -0.00 min

Lab File: VW014745.D

Acq: 24 Jan 2020 15:40

Instrument :

MSVOA_W

ClientSampleId :

VW0124SBSD01

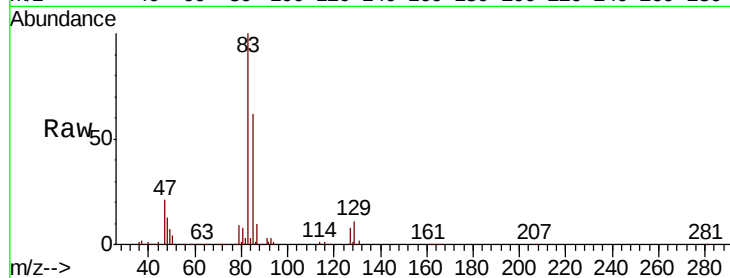
Tot Ion: 83 Resp: 191885

Ion Ratio Lower Upper

83 100

85 62.5 50.1 75.1

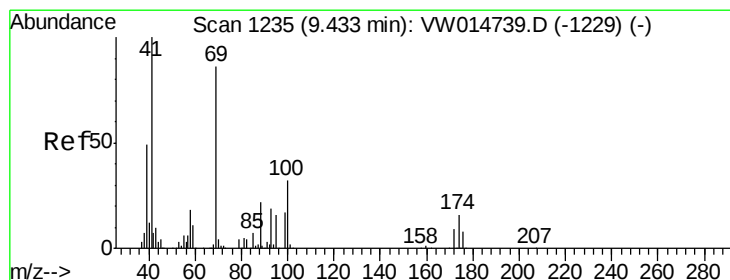
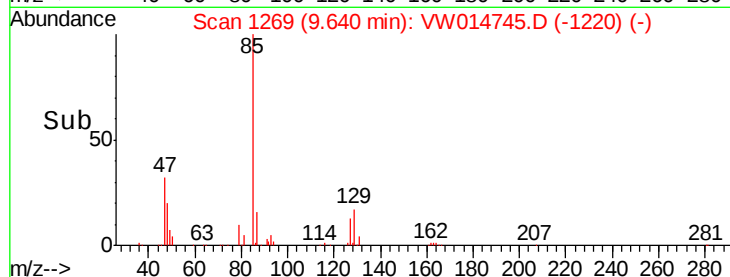
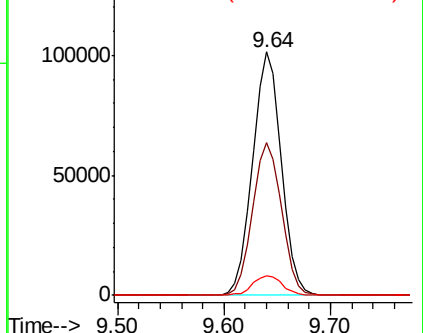
127 8.1 6.5 9.7



Abundance Ion 82.90 (82.60 to 83.60): VW

Ion 84.90 (84.60 to 85.60): VW

Ion 126.80 (126.50 to 127.50): V



#48

Methyl methacrylate

Concen: 21.136 ug/l

RT: 9.43 min Scan# 1235

Delta R.T. -0.00 min

Lab File: VW014745.D

Acq: 24 Jan 2020 15:40

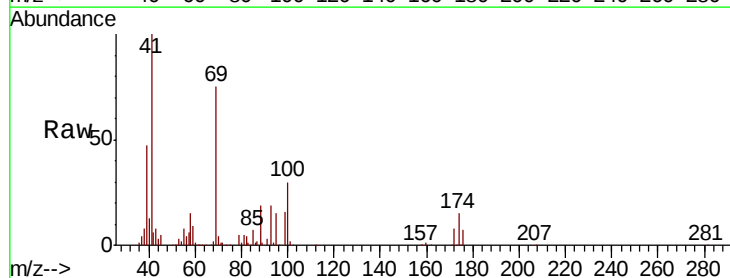
Tgt Ion: 41 Resp: 92787

Ion Ratio Lower Upper

41 100

69 79.4 69.6 104.4

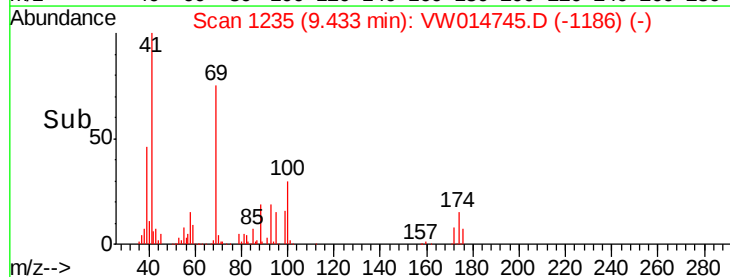
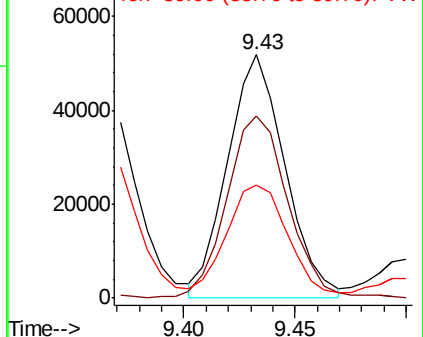
39 45.4 40.2 60.4

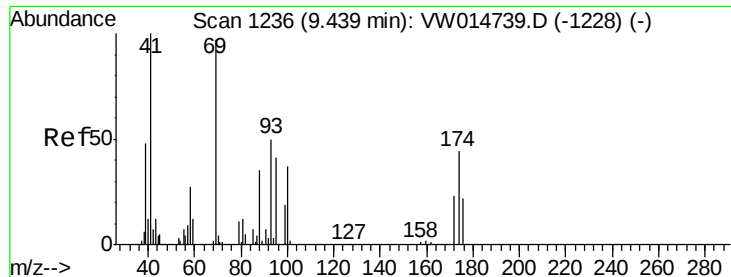


Abundance Ion 41.00 (40.70 to 41.70): VW

Ion 69.00 (68.70 to 69.70): VW

Ion 39.00 (38.70 to 39.70): VW

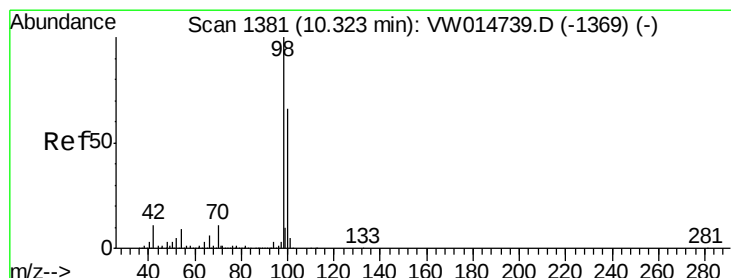
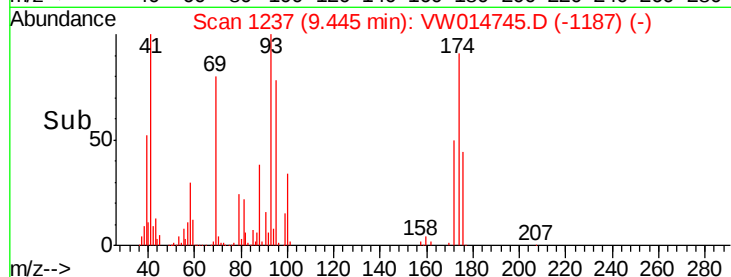
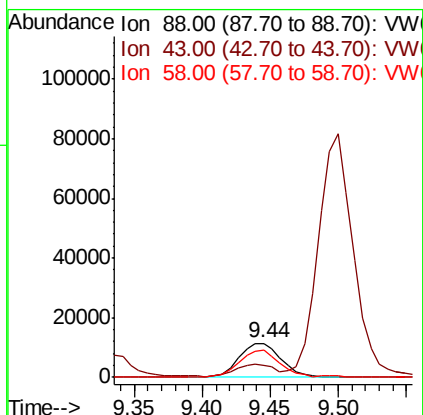
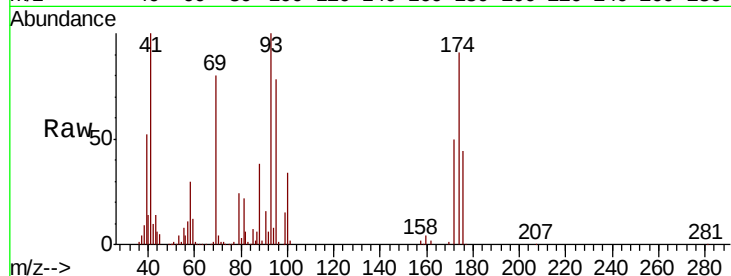




#49
1,4-Dioxane
Concen: 361.673 ug/l
RT: 9.44 min Scan# 1237
Delta R.T. 0.01 min
Lab File: VW014745.D
Acq: 24 Jan 2020 15:40

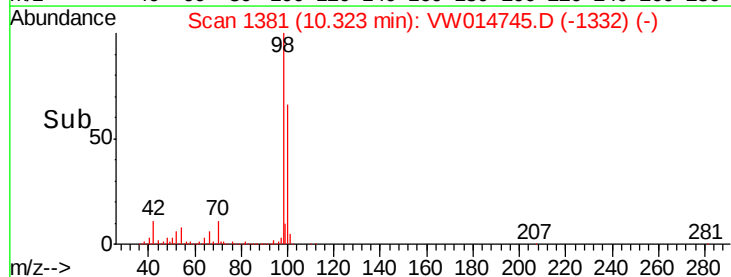
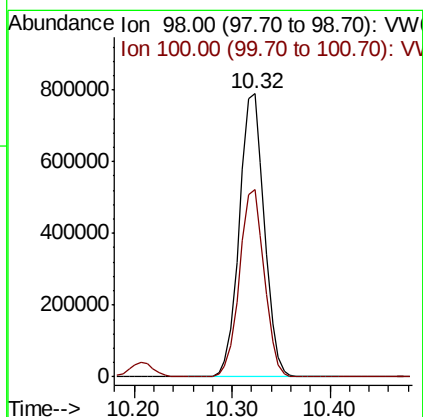
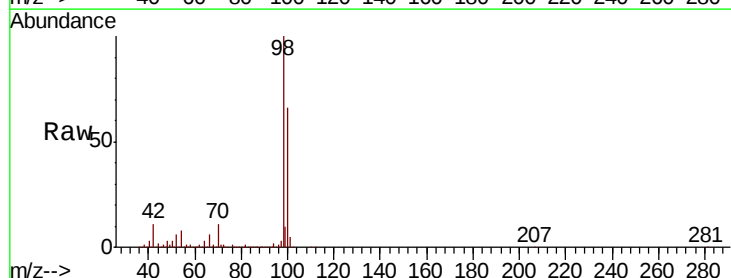
Instrument :
MSVOA_W
ClientSampleId :
VW0124SBSD01

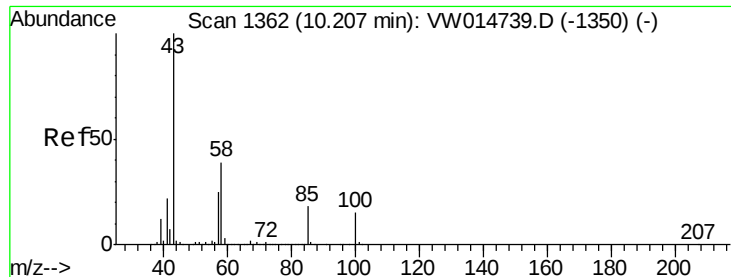
Tot Ion: 88 Resp: 24897
Ion Ratio Lower Upper
88 100
43 32.4 27.1 40.7
58 81.8 58.7 88.1



#50
Toluene-d8
Concen: 50.870 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. -0.00 min
Lab File: VW014745.D
Acq: 24 Jan 2020 15:40

Tgt Ion: 98 Resp: 1393783
Ion Ratio Lower Upper
98 100
100 65.9 52.6 79.0

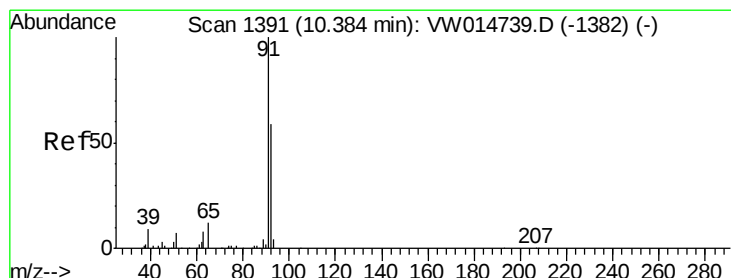
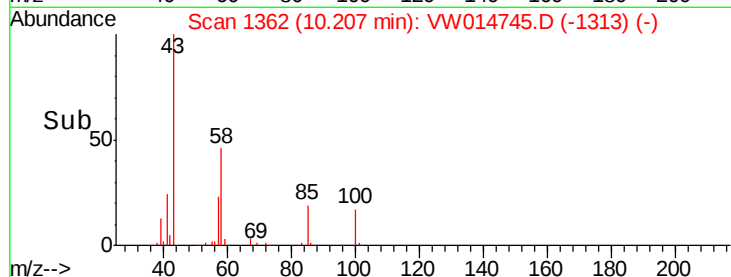
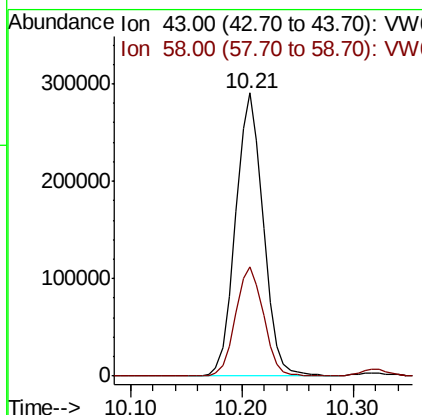
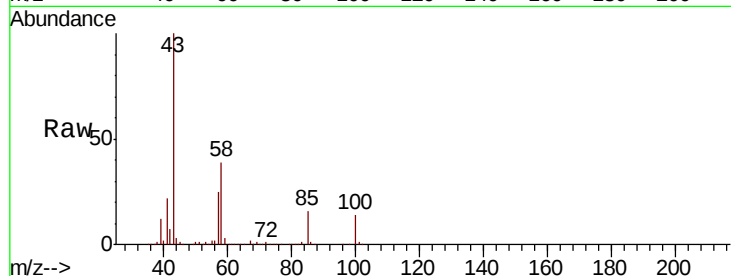




#51
4-Methyl-2-Pentanone
Concen: 102.804 ug/l
RT: 10.21 min Scan# 1362
Delta R.T. -0.00 min
Lab File: VW014745.D
Acq: 24 Jan 2020 15:40

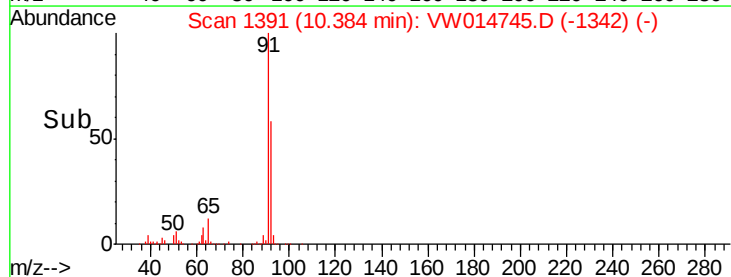
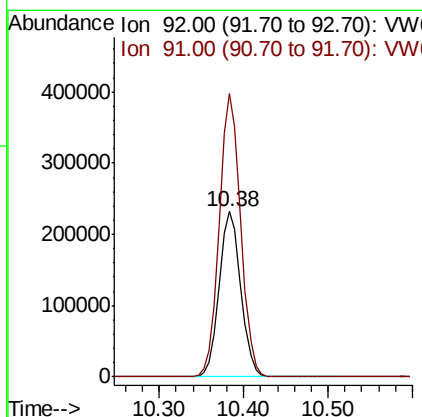
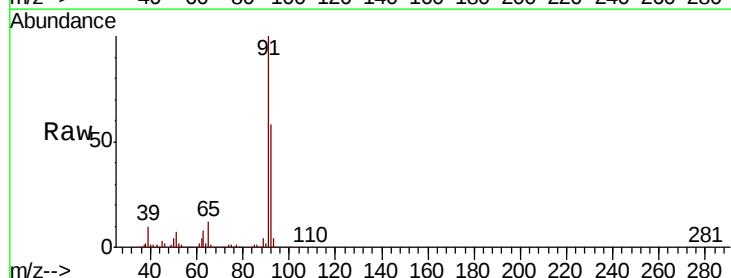
Instrument :
MSVOA_W
ClientSampleId :
VW0124SBSD01

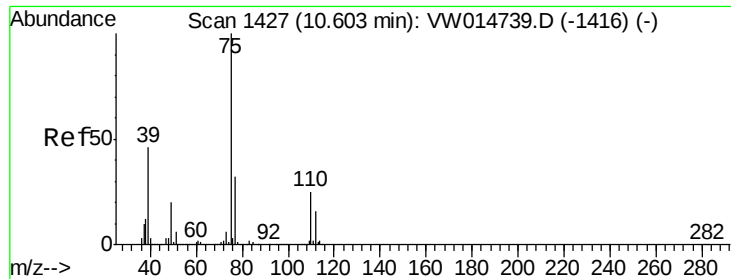
Tot Ion: 43 Resp: 498576
Ion Ratio Lower Upper
43 100
58 39.1 31.4 47.0



#52
Toluene
Concen: 20.661 ug/l
RT: 10.38 min Scan# 1391
Delta R.T. -0.00 min
Lab File: VW014745.D
Acq: 24 Jan 2020 15:40

Tgt Ion: 92 Resp: 407752
Ion Ratio Lower Upper
92 100
91 169.6 135.8 203.8





#53

t-1,3-Dichloropropene

Concen: 19.920 ug/l

RT: 10.60 min Scan# 1427

Delta R.T. -0.00 min

Lab File: VW014745.D

Acq: 24 Jan 2020 15:40

Instrument :

MSVOA_W

ClientSampleId :

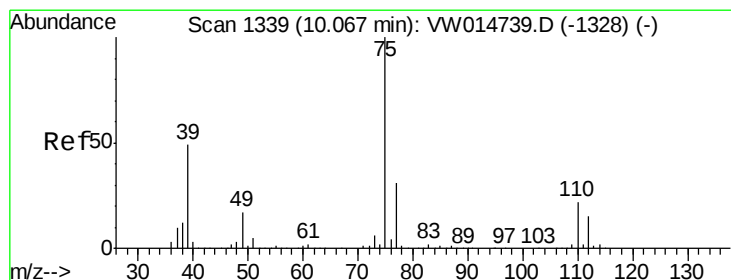
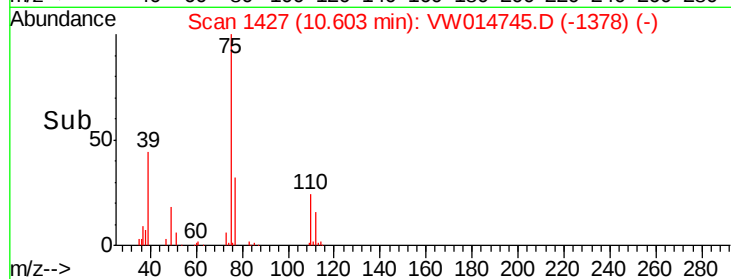
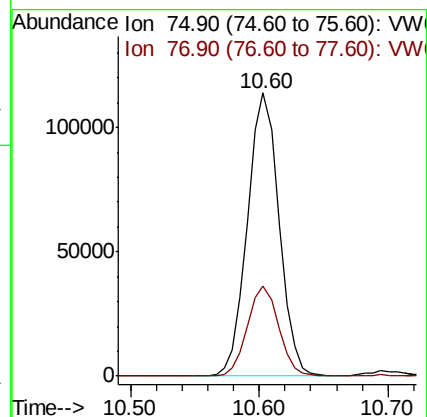
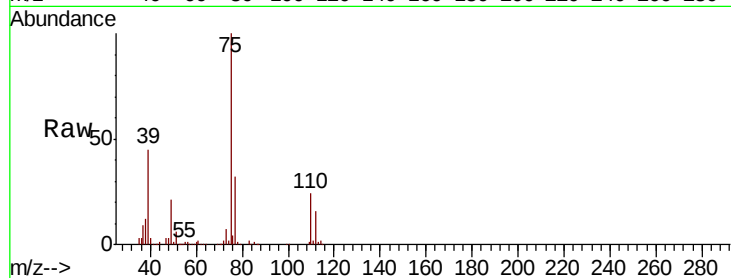
VW0124SBSD01

Tot Ion: 75 Resp: 192880

Ion Ratio Lower Upper

75 100

77 32.0 25.7 38.5



#54

cis-1,3-Dichloropropene

Concen: 19.855 ug/l

RT: 10.07 min Scan# 1339

Delta R.T. -0.00 min

Lab File: VW014745.D

Acq: 24 Jan 2020 15:40

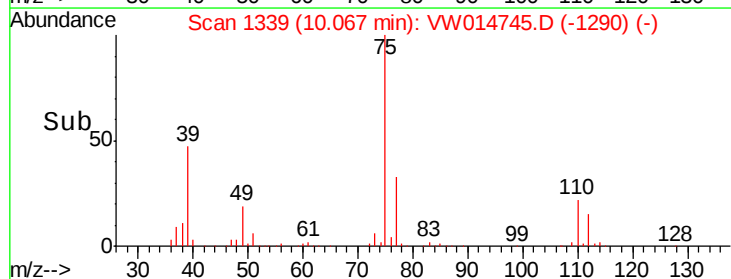
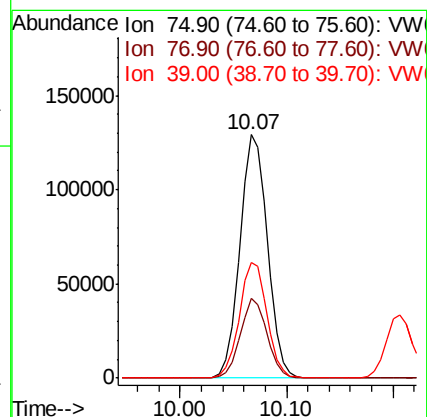
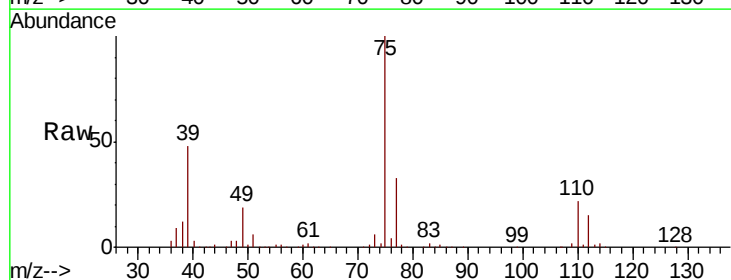
Tgt Ion: 75 Resp: 235497

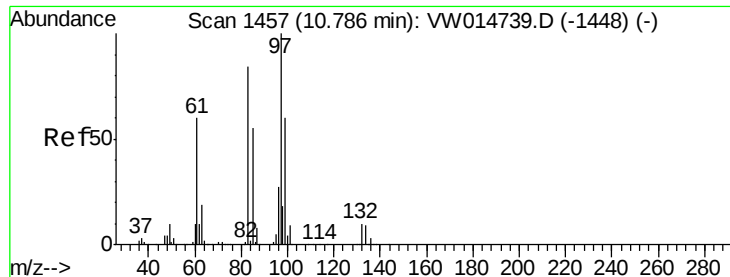
Ion Ratio Lower Upper

75 100

77 32.5 25.0 37.4

39 47.7 39.0 58.6





#55

1,1,2-Trichloroethane

Concen: 19.860 ug/l

RT: 10.79 min Scan# 1457

Delta R.T. -0.00 min

Lab File: VW014745.D

Acq: 24 Jan 2020 15:40

Instrument :

MSVOA_W

ClientSampleId :

VW0124SBSD01

Tot Ion: 97 Resp: 108031

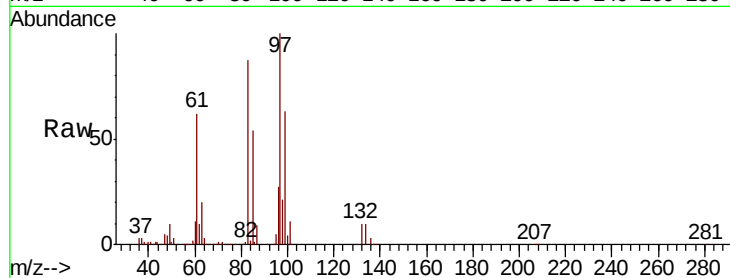
Ion Ratio Lower Upper

97 100

83 87.7 67.1 100.7

85 54.4 44.2 66.2

99 62.5 48.2 72.4

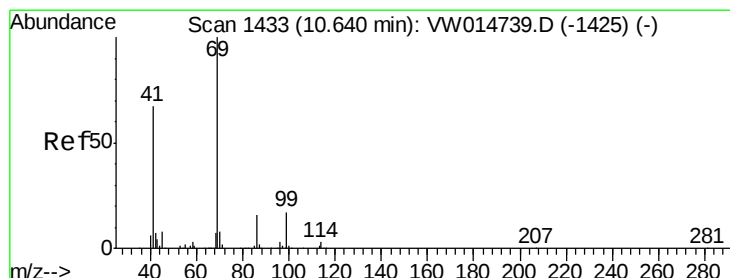
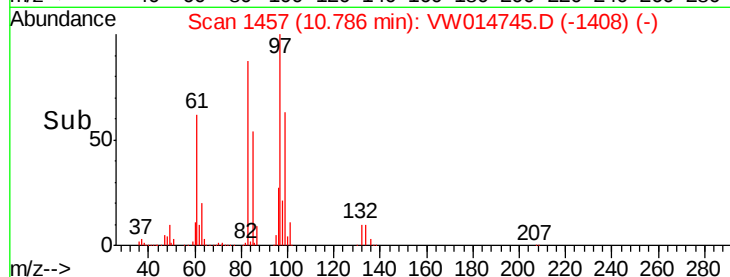
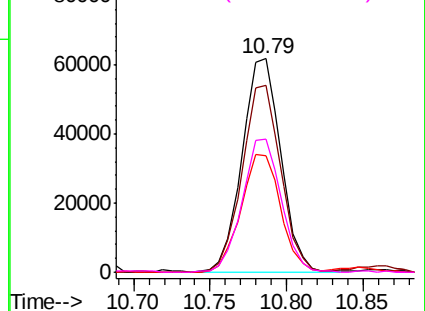


Abundance Ion 96.90 (96.60 to 97.60): VW

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: 19.825 ug/l

RT: 10.64 min Scan# 1433

Delta R.T. -0.00 min

Lab File: VW014745.D

Acq: 24 Jan 2020 15:40

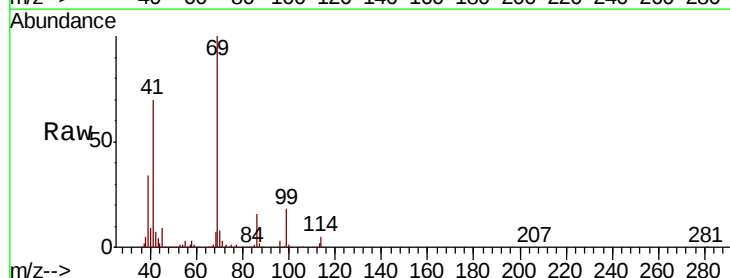
Tgt Ion: 69 Resp: 138984

Ion Ratio Lower Upper

69 100

41 68.5 54.4 81.6

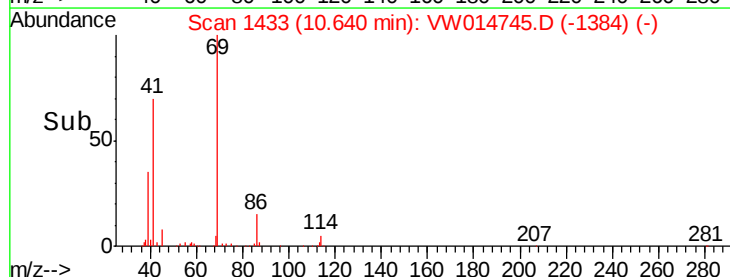
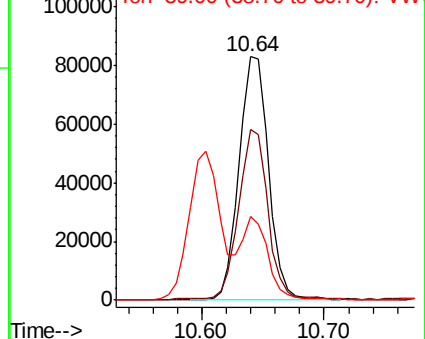
39 29.2 22.4 33.6

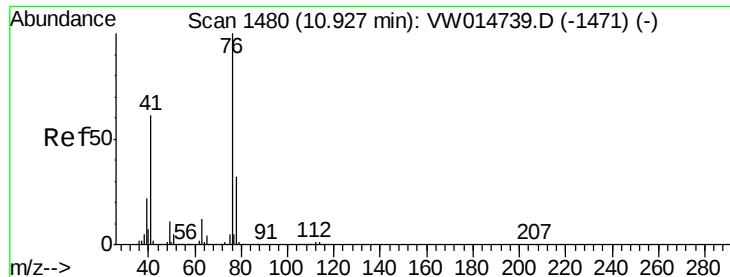


Abundance Ion 69.00 (68.70 to 69.70): VW

Ion 41.00 (40.70 to 41.70): VW

Ion 39.00 (38.70 to 39.70): VW





#57

1,3-Dichloropropane

Concen: 20.300 ug/l

RT: 10.93 min Scan# 1480

Delta R.T. -0.00 min

Lab File: VW014745.D

Acq: 24 Jan 2020 15:40

Instrument :

MSVOA_W

ClientSampleId :

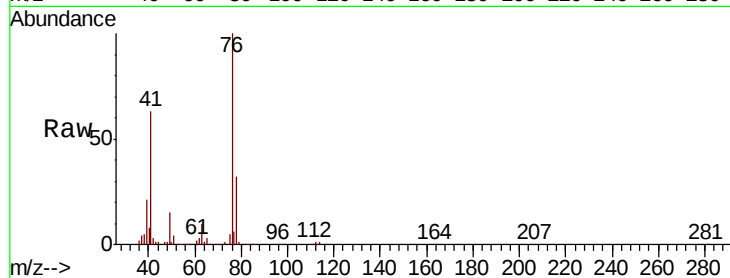
VW0124SBSD01

Tot Ion: 76 Resp: 197980

Ion Ratio Lower Upper

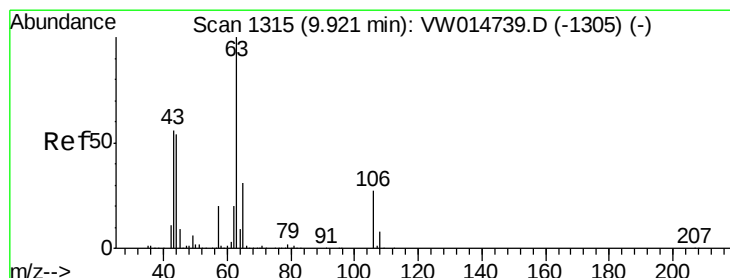
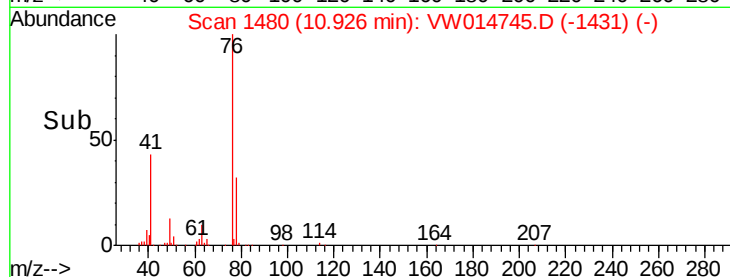
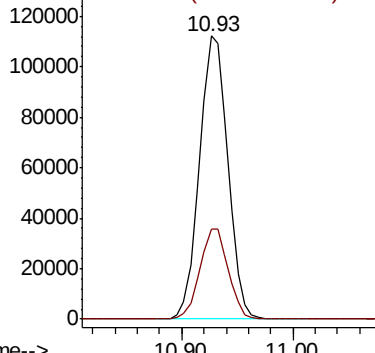
76 100

78 31.8 25.7 38.5



Abundance Ion 75.90 (75.60 to 76.60): VW

Ion 77.90 (77.60 to 78.60): VW



#58

2-Chloroethyl Vinyl ether

Concen: 89.924 ug/l

RT: 9.92 min Scan# 1315

Delta R.T. -0.00 min

Lab File: VW014745.D

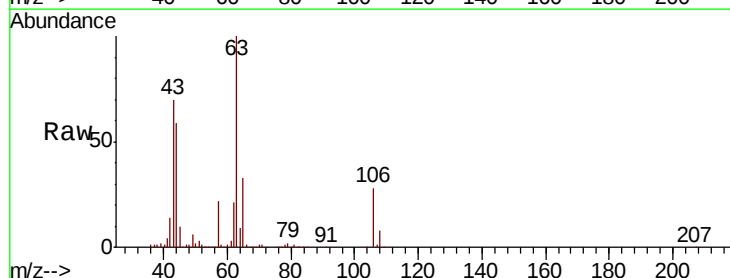
Acq: 24 Jan 2020 15:40

Tgt Ion: 63 Resp: 202691

Ion Ratio Lower Upper

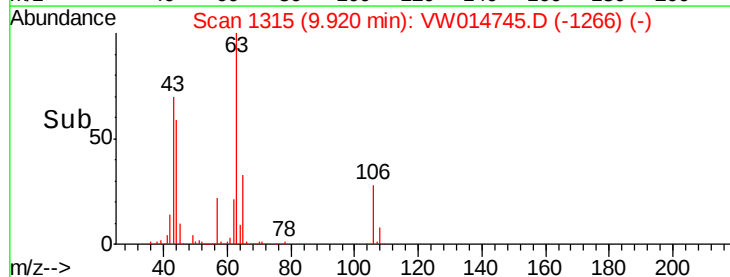
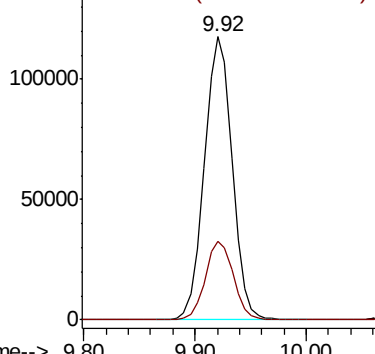
63 100

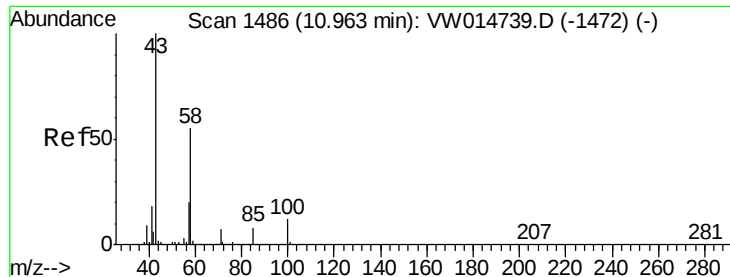
106 27.8 21.8 32.8



Abundance Ion 62.90 (62.60 to 63.60): VW

Ion 105.90 (105.60 to 106.60): V

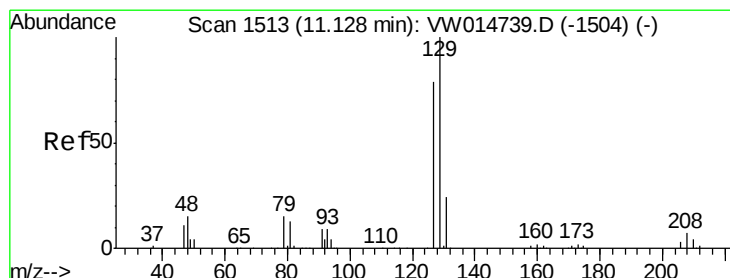
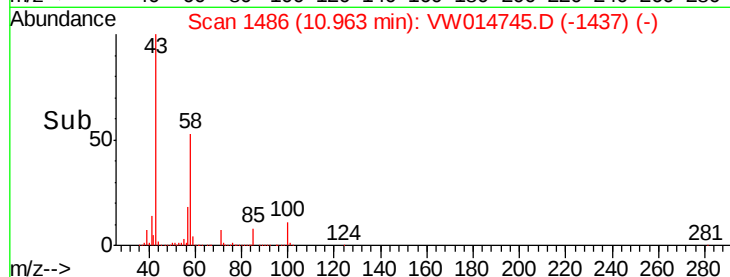
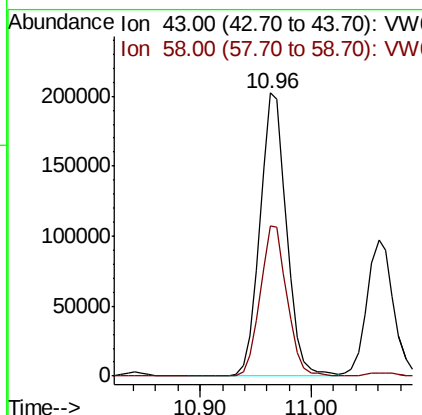
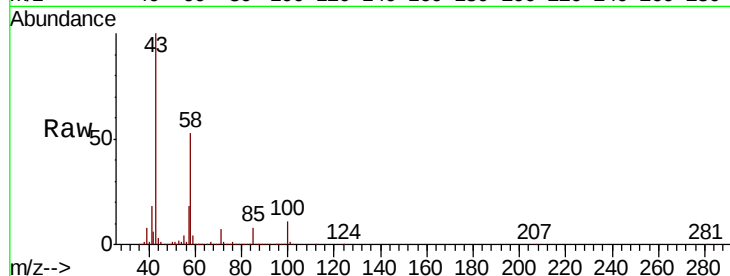




#59
2-Hexanone
Concen: 103.218 ug/l
RT: 10.96 min Scan# 1486
Delta R.T. -0.00 min
Lab File: VW014745.D
Acq: 24 Jan 2020 15:40

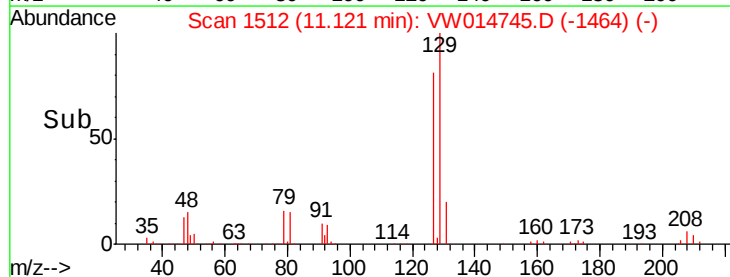
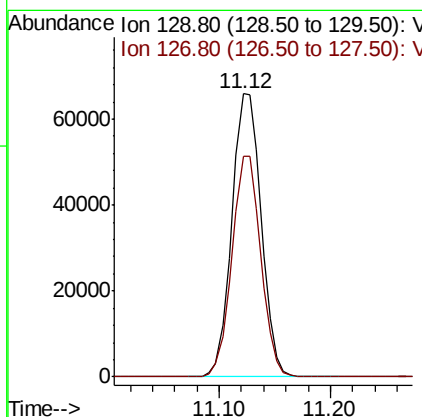
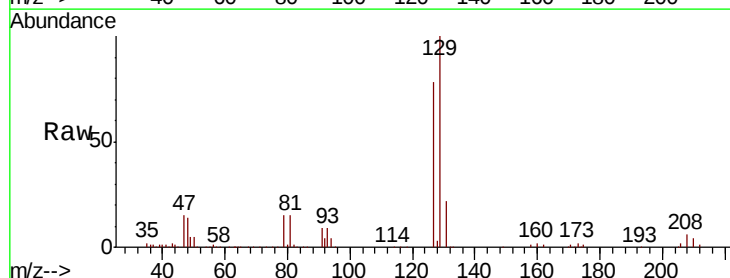
Instrument :
MSVOA_W
ClientSampleId :
VW0124SBSD01

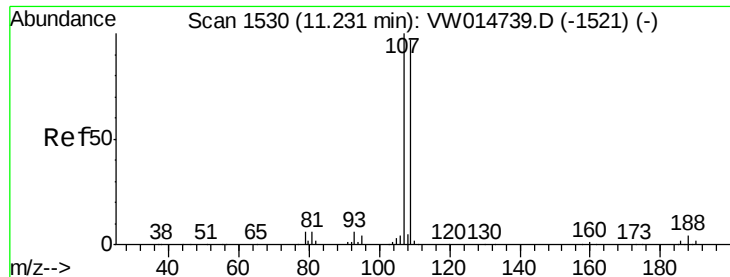
Tot Ion: 43 Resp: 337325
Ion Ratio Lower Upper
43 100
58 53.5 27.3 81.8



#60
Dibromochloromethane
Concen: 19.757 ug/l
RT: 11.12 min Scan# 1512
Delta R.T. -0.01 min
Lab File: VW014745.D
Acq: 24 Jan 2020 15:40

Tgt Ion: 129 Resp: 120109
Ion Ratio Lower Upper
129 100
127 76.7 39.9 119.6





#61

1,2-Dibromoethane

Concen: 19.799 ug/l

RT: 11.23 min Scan# 1530

Delta R.T. -0.00 min

Lab File: VW014745.D

Acq: 24 Jan 2020 15:40

Instrument :

MSVOA_W

ClientSampleId :

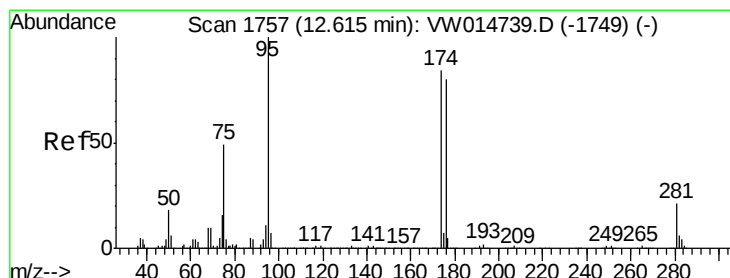
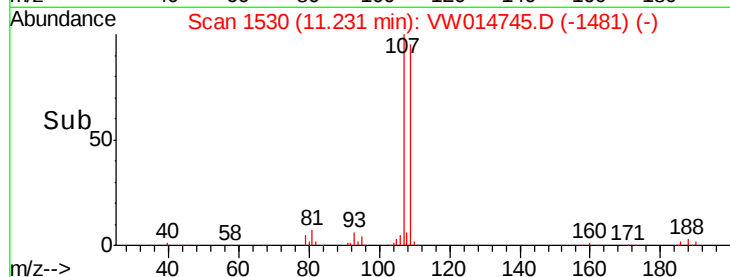
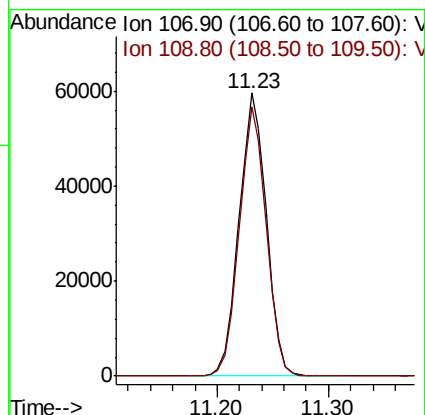
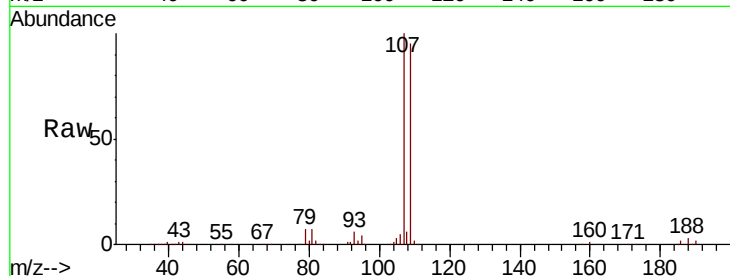
VW0124SBSD01

Tot Ion: 107 Resp: 100760

Ion Ratio Lower Upper

107 100

109 94.4 76.7 115.1



#62

4-Bromofluorobenzene

Concen: 49.761 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. -0.00 min

Lab File: VW014745.D

Acq: 24 Jan 2020 15:40

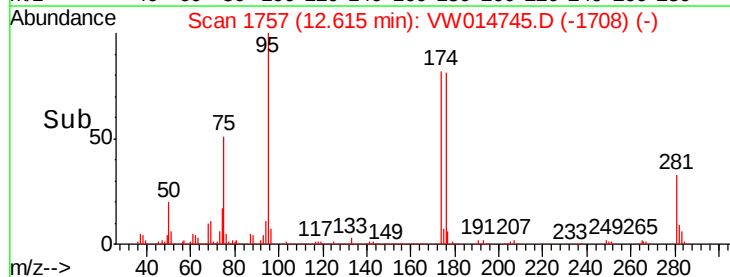
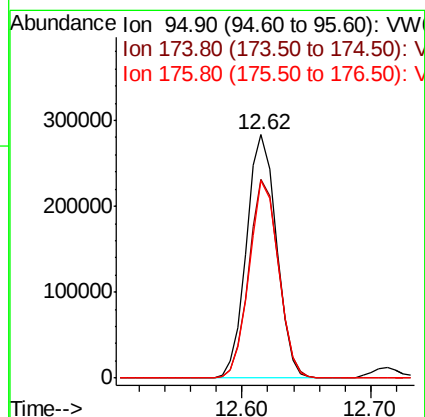
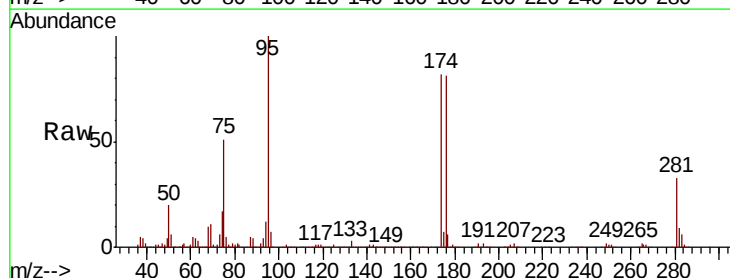
Tgt Ion: 95 Resp: 455845

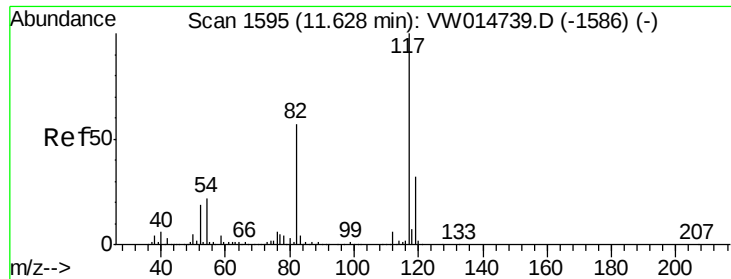
Ion Ratio Lower Upper

95 100

174 80.6 0.0 163.0

176 79.2 0.0 159.2

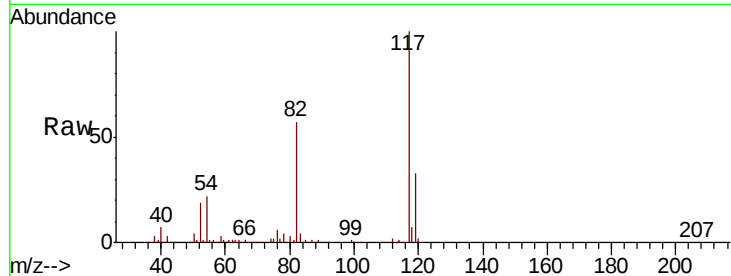




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1595
Delta R.T. -0.00 min
Lab File: VW014745.D
Acq: 24 Jan 2020 15:40

Instrument :
MSVOA_W
ClientSampleId :
VW0124SBSD01

Tot Ion	Ratio	Lower	Upper
117	100		
82	57.1	45.9	68.9
119	32.8	25.7	38.5

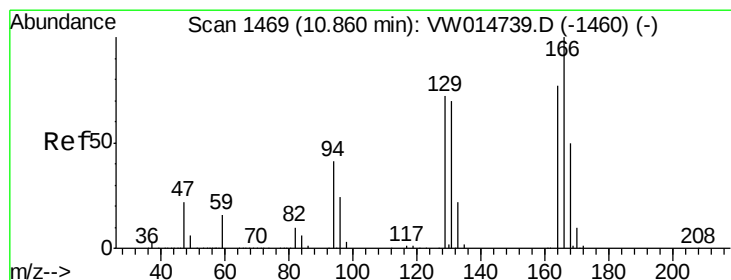
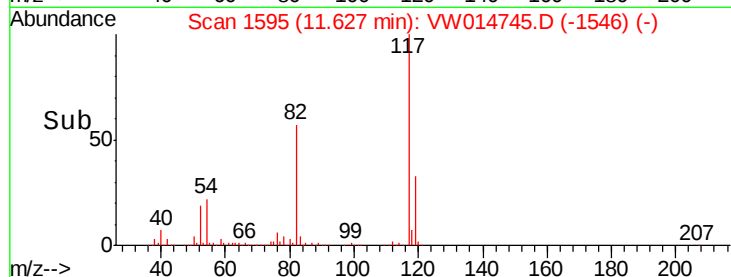
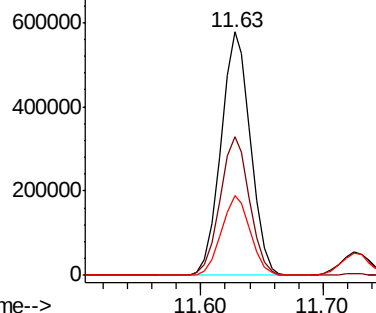


Abundance

Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): V

Ion 118.90 (118.60 to 119.60): V



#64
Tetrachloroethene
Concen: 20.844 ug/l
RT: 10.86 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VW014745.D
Acq: 24 Jan 2020 15:40

Tgt Ion	Ratio	Lower	Upper
164	100		
166	132.3	104.0	156.0
129	96.0	75.0	112.4
131	85.9	72.7	109.1

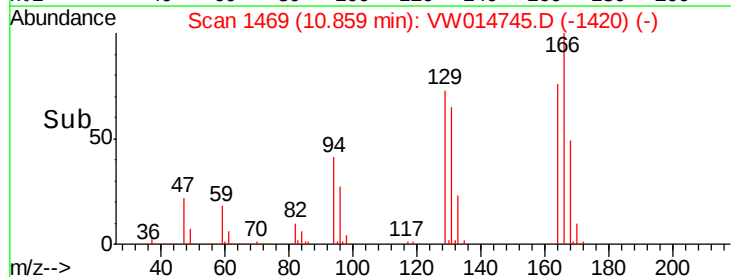
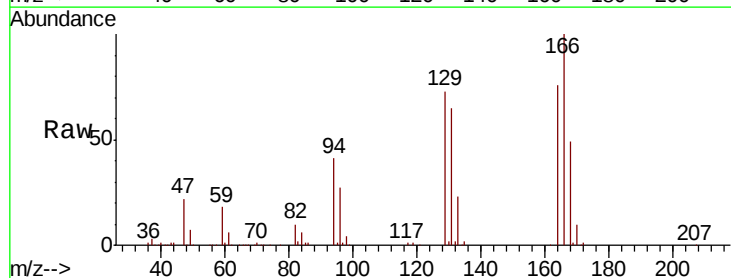
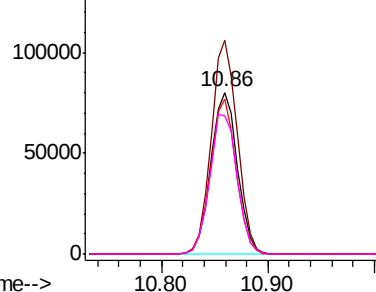
Abundance

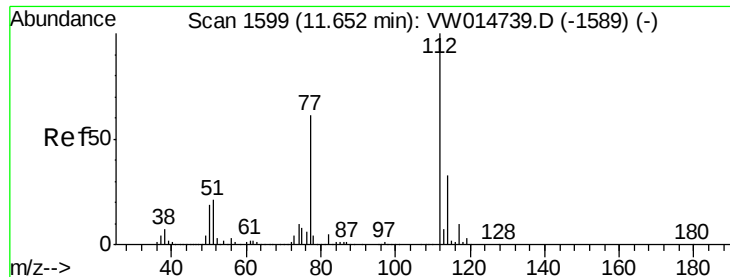
Ion 163.80 (163.50 to 164.50): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.80 (128.50 to 129.50): V

Ion 130.80 (130.50 to 131.50): V





#65

Chlorobenzene

Concen: 20.663 ug/l

RT: 11.65 min Scan# 1599

Delta R.T. -0.00 min

Lab File: VW014745.D

Acq: 24 Jan 2020 15:40

Instrument :

MSVOA_W

ClientSampleId :

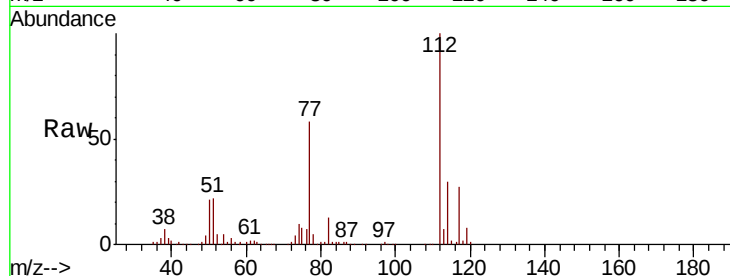
VW0124SBSD01

Tot Ion:112 Resp: 404803

Ion Ratio Lower Upper

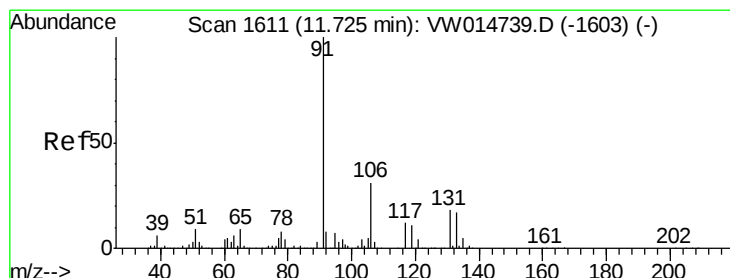
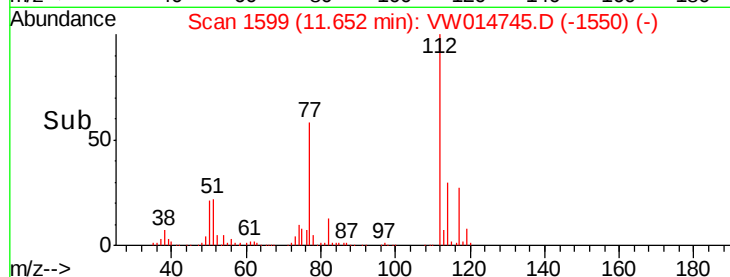
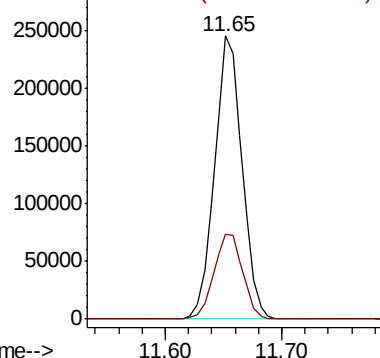
112 100

114 30.1 26.0 39.0



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 20.600 ug/l

RT: 11.72 min Scan# 1611

Delta R.T. -0.00 min

Lab File: VW014745.D

Acq: 24 Jan 2020 15:40

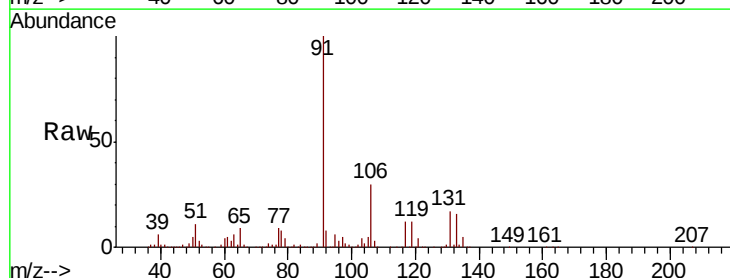
Tgt Ion:131 Resp: 136681

Ion Ratio Lower Upper

131 100

133 93.8 48.0 144.2

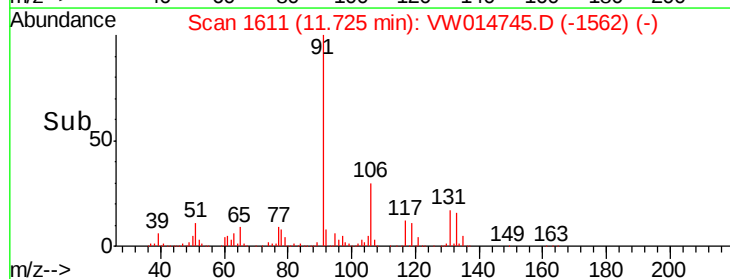
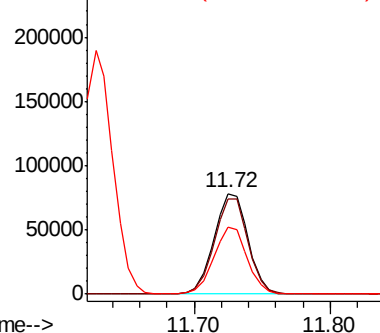
119 65.0 33.0 98.9

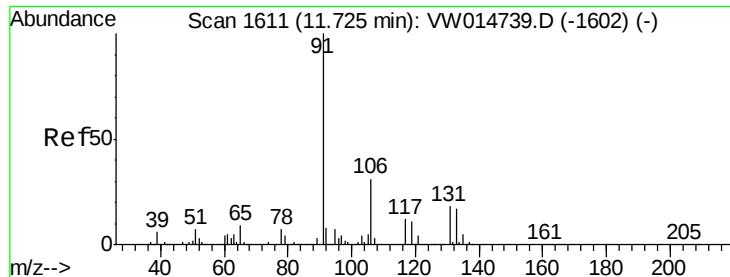


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V

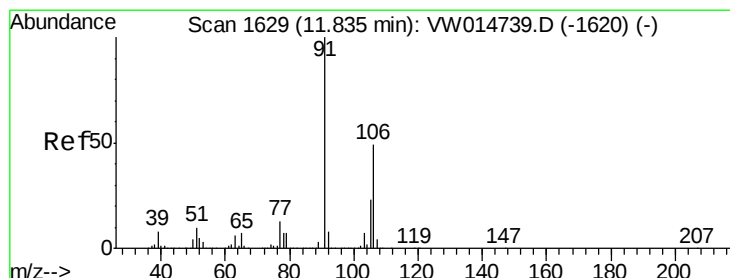
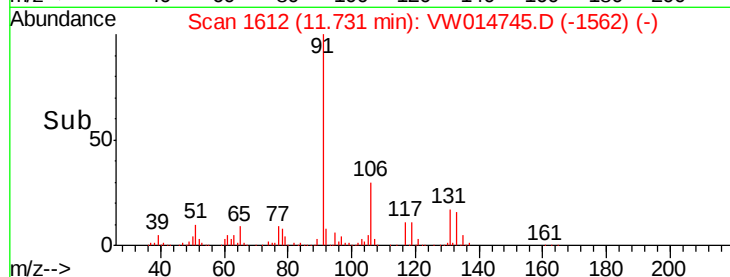
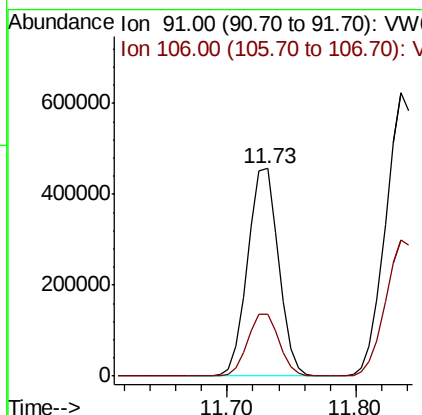
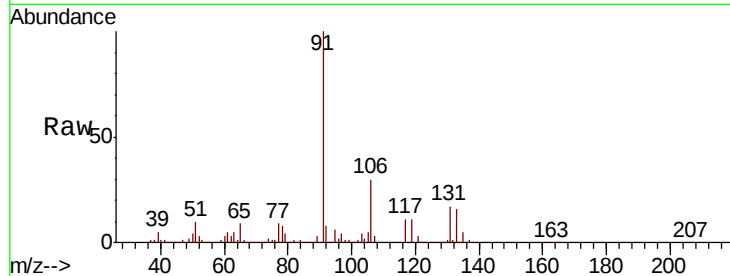




#67
Ethyl Benzene
Concen: 21.147 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. 0.01 min
Lab File: VW014745.D
Acq: 24 Jan 2020 15:40

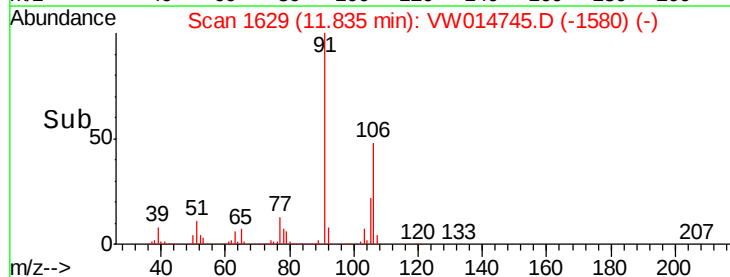
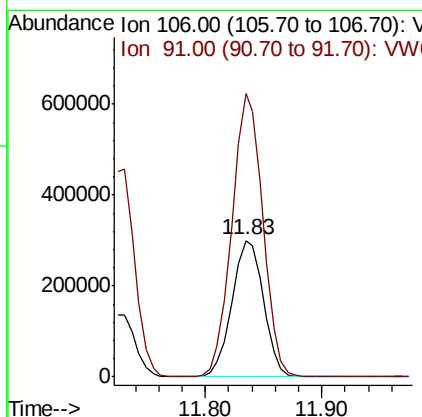
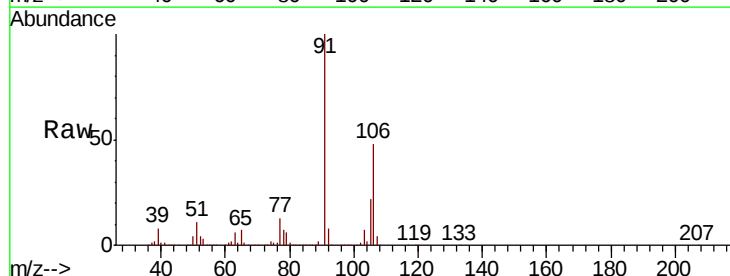
Instrument :
MSVOA_W
ClientSampleId :
VW0124SBSD01

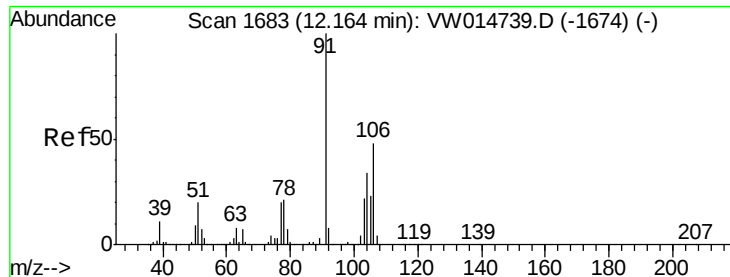
Tot Ion: 91 Resp: 754793
Ion Ratio Lower Upper
91 100
106 30.0 24.5 36.7



#68
m/p-Xylenes
Concen: 41.974 ug/l
RT: 11.83 min Scan# 1629
Delta R.T. -0.00 min
Lab File: VW014745.D
Acq: 24 Jan 2020 15:40

Tgt Ion: 106 Resp: 566321
Ion Ratio Lower Upper
106 100
91 203.2 161.4 242.0

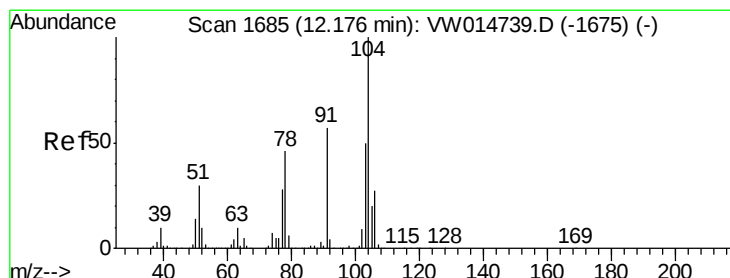
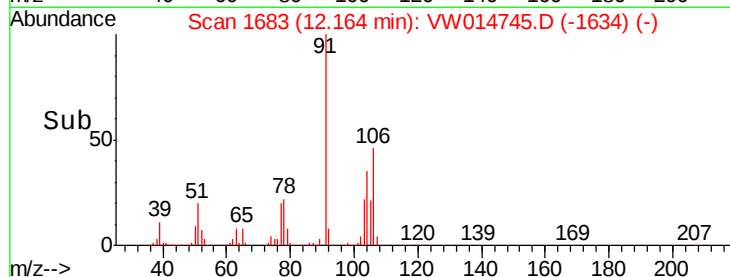
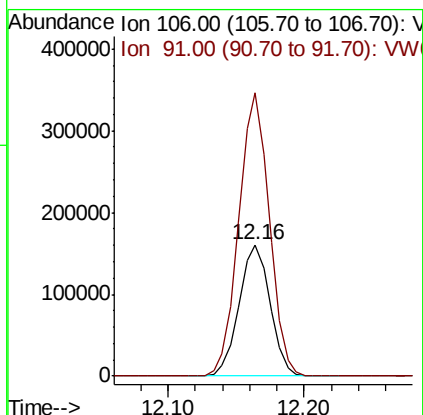
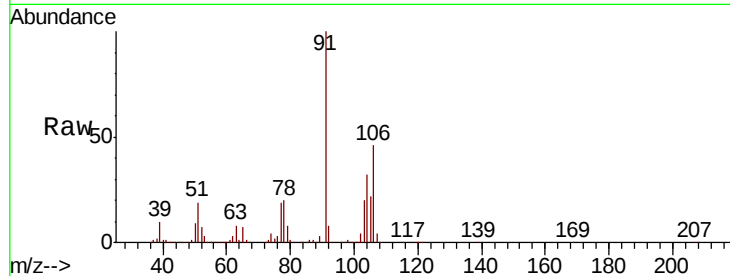




#69
o-Xylene
Concen: 21.044 ug/l
RT: 12.16 min Scan# 1683
Delta R.T. -0.00 min
Lab File: VW014745.D
Acq: 24 Jan 2020 15:40

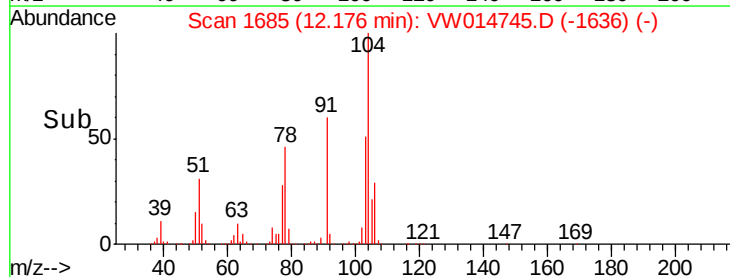
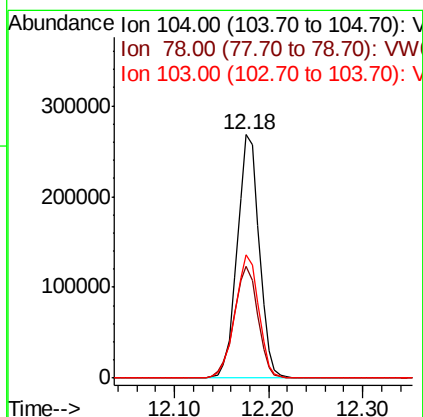
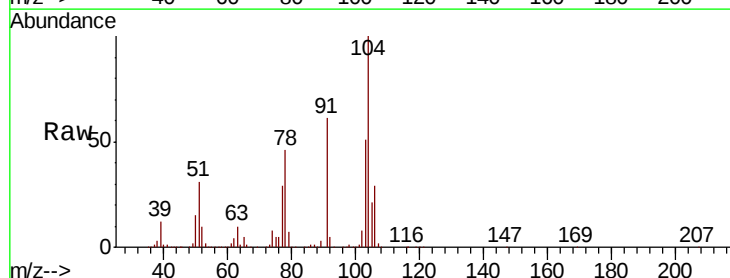
Instrument :
MSVOA_W
ClientSampleId :
VW0124SBSD01

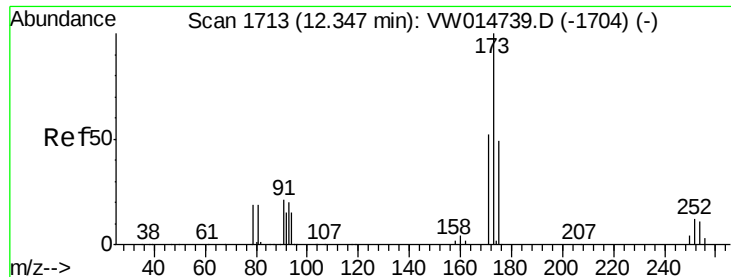
Tot Ion:106 Resp: 256244
Ion Ratio Lower Upper
106 100
91 212.6 107.1 321.3



#70
Styrene
Concen: 20.824 ug/l
RT: 12.18 min Scan# 1685
Delta R.T. -0.00 min
Lab File: VW014745.D
Acq: 24 Jan 2020 15:40

Tgt Ion:104 Resp: 435872
Ion Ratio Lower Upper
104 100
78 49.8 39.8 59.8
103 54.3 44.0 66.0





#71

Bromoform

Concen: 20.227 ug/l

RT: 12.35 min Scan# 1713

Delta R.T. -0.00 min

Lab File: VW014745.D

Acq: 24 Jan 2020 15:40

Instrument :

MSVOA_W

ClientSampleId :

VW0124SBSD01

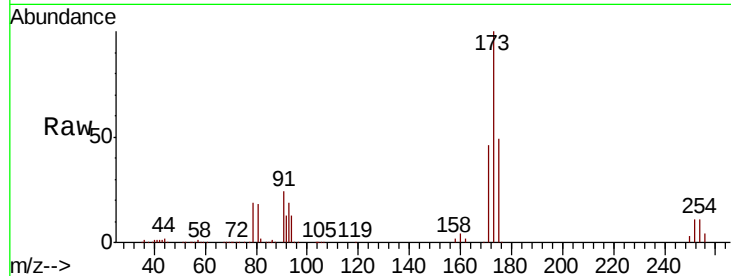
Tot Ion:173 Resp: 68760

Ion Ratio Lower Upper

173 100

175 48.7 24.4 73.2

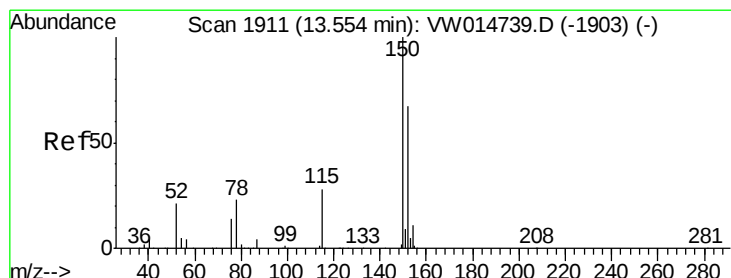
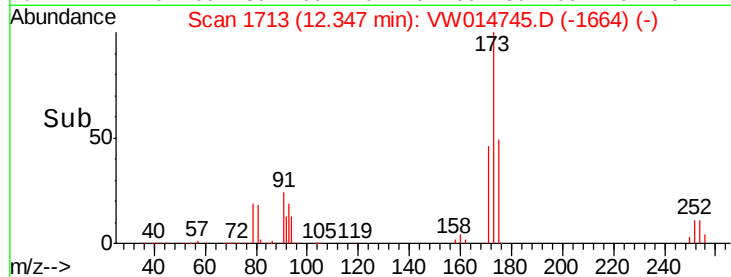
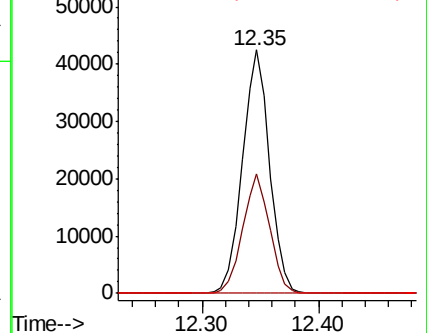
254 0.1 0.1 0.1#



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: VW014745.D

Acq: 24 Jan 2020 15:40

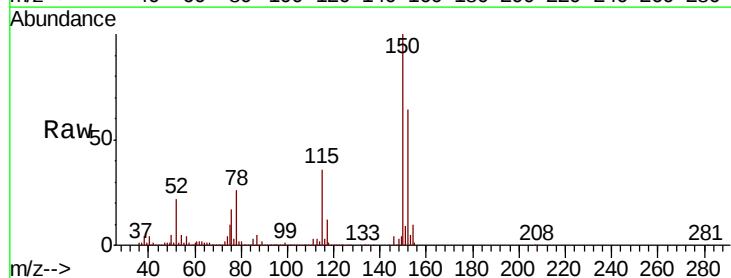
Tgt Ion:152 Resp: 467388

Ion Ratio Lower Upper

152 100

115 56.9 29.0 87.1

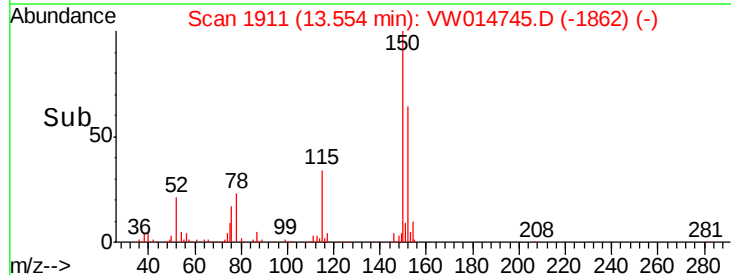
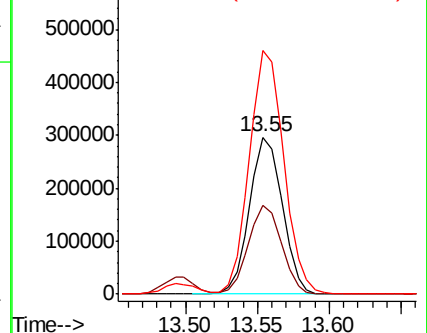
150 163.0 0.0 354.0

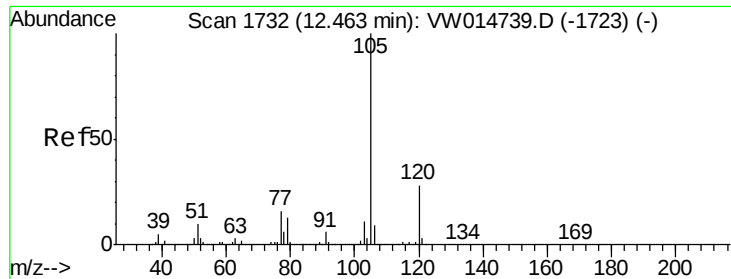


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 21.483 ug/l

RT: 12.46 min Scan# 1732

Delta R.T. -0.00 min

Lab File: VW014745.D

Acq: 24 Jan 2020 15:40

Instrument :

MSVOA_W

ClientSampleId :

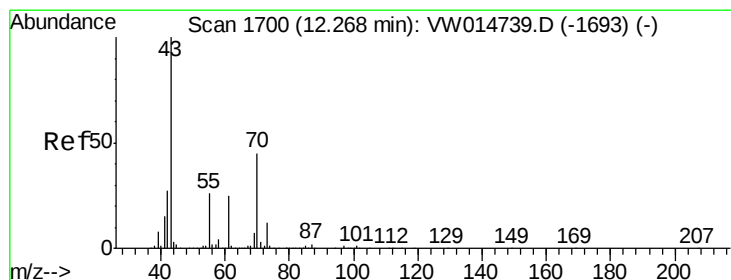
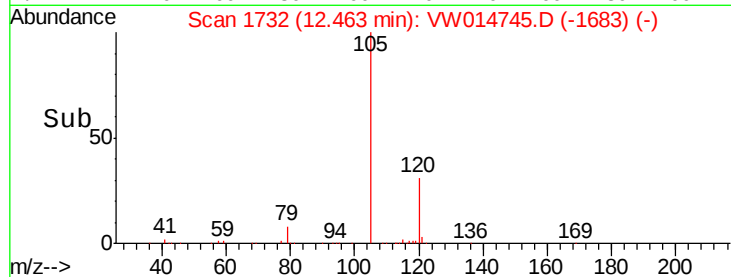
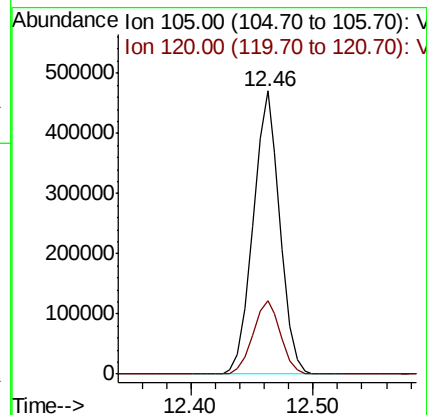
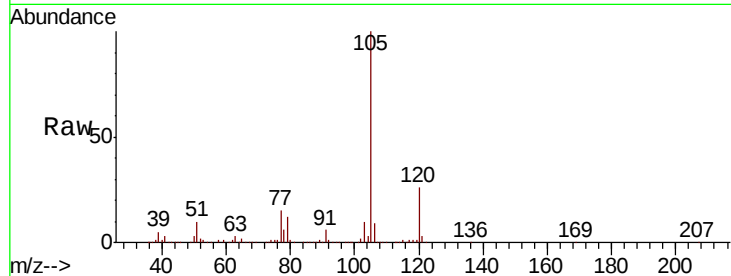
VW0124SBS01

Tot Ion:105 Resp: 712482

Ion Ratio Lower Upper

105 100

120 26.6 13.6 40.8



#74

N-ethyl acetate

Concen: 20.781 ug/l

RT: 12.27 min Scan# 1701

Delta R.T. 0.01 min

Lab File: VW014745.D

Acq: 24 Jan 2020 15:40

Tgt Ion: 43 Resp: 164145

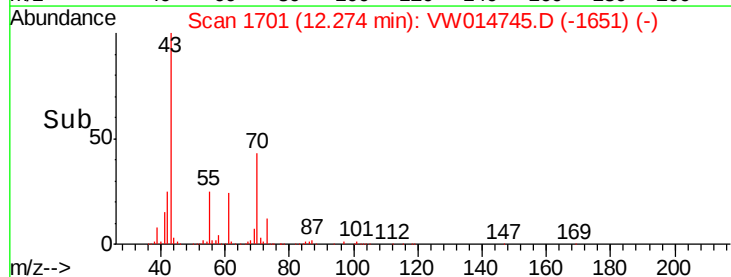
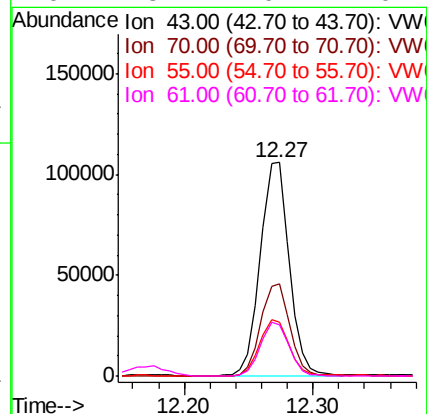
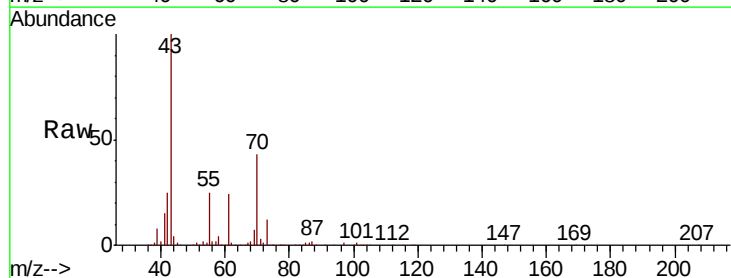
Ion Ratio Lower Upper

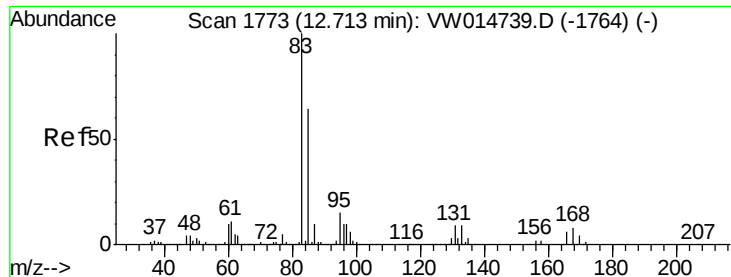
43 100

70 43.4 34.6 52.0

55 26.9 20.6 30.8

61 25.2 19.4 29.2





#75

1,1,2,2-Tetrachloroethane

Concen: 21.058 ug/l

RT: 12.71 min Scan# 1773

Delta R.T. -0.00 min

Lab File: VW014745.D

Acq: 24 Jan 2020 15:40

Instrument :

MSVOA_W

ClientSampleId :

VW0124SBSD01

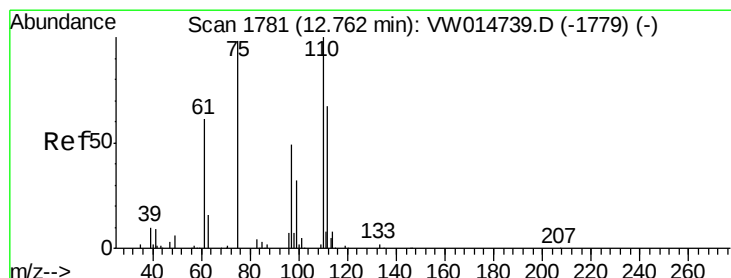
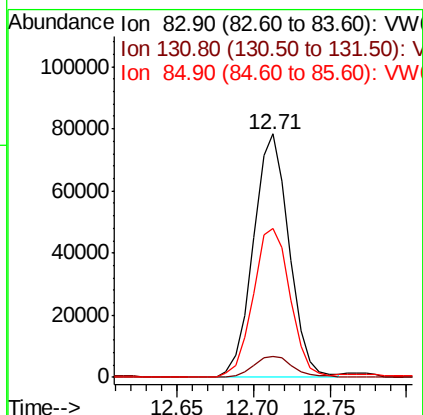
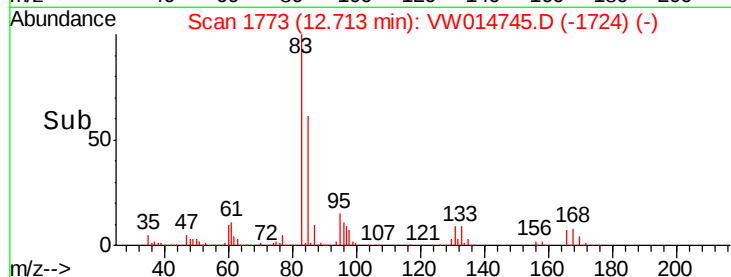
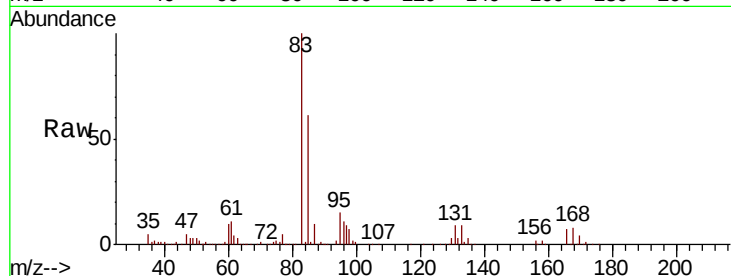
Tot Ion: 83 Resp: 127475

Ion Ratio Lower Upper

83 100

131 9.9 5.1 15.4

85 63.4 32.0 96.0



#76

1,2,3-Trichloropropane

Concen: 35.405 ug/l

RT: 12.76 min Scan# 1781

Delta R.T. -0.00 min

Lab File: VW014745.D

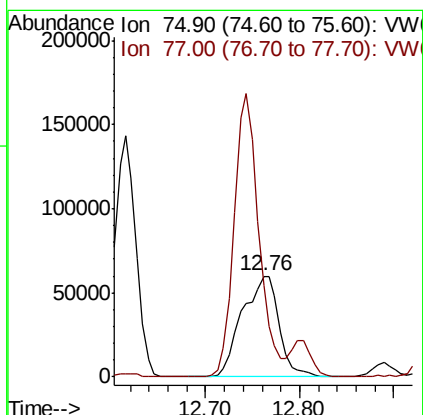
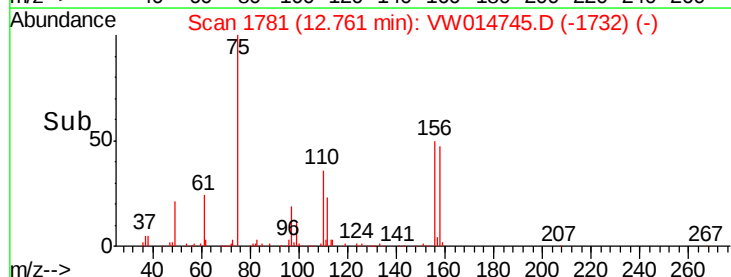
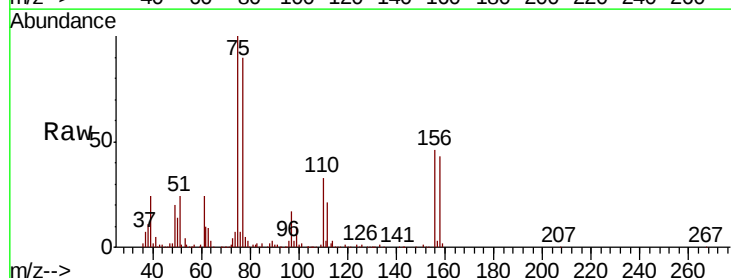
Acq: 24 Jan 2020 15:40

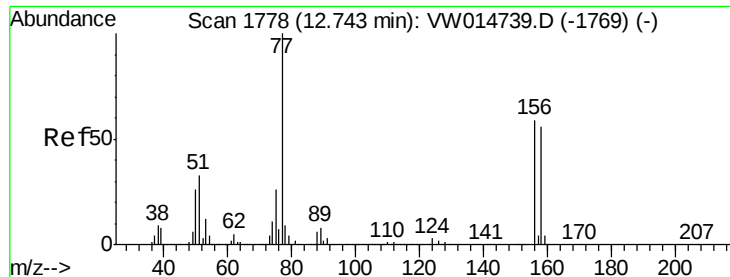
Tgt Ion: 75 Resp: 164294

Ion Ratio Lower Upper

75 100

77 188.5 167.9 503.9





#77

Bromobenzene

Concen: 20.985 ug/l

RT: 12.74 min Scan# 1778

Delta R.T. -0.00 min

Lab File: VW014745.D

Acq: 24 Jan 2020 15:40

Instrument :

MSVOA_W

ClientSampled :

VW0124SBSD01

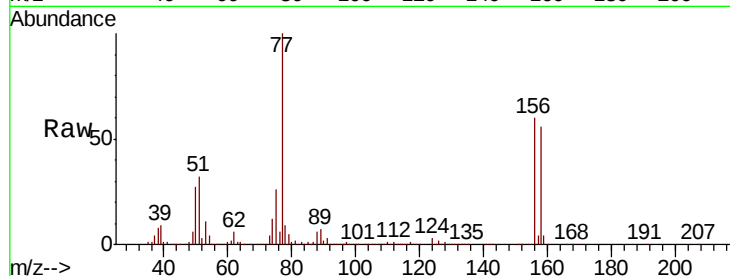
Tot Ion:156 Resp: 160035

Ion Ratio Lower Upper

156 100

77 193.5 94.5 283.5

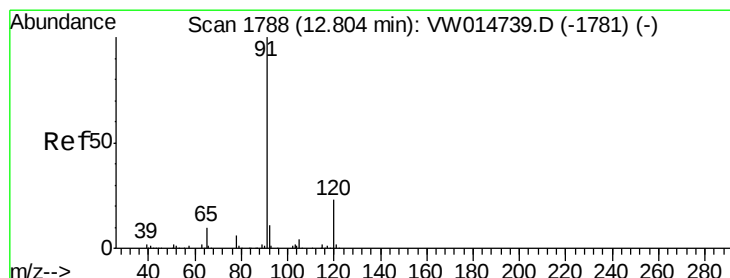
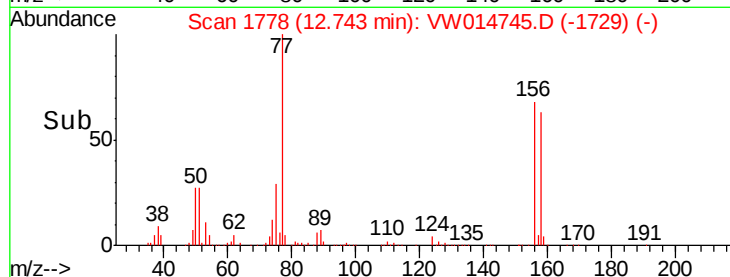
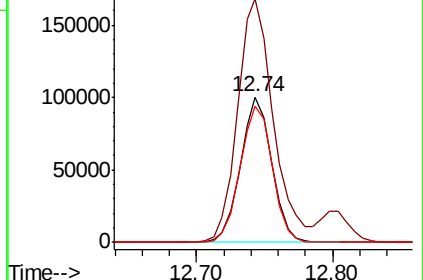
158 96.5 48.3 144.8



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: 21.612 ug/l

RT: 12.80 min Scan# 1788

Delta R.T. -0.00 min

Lab File: VW014745.D

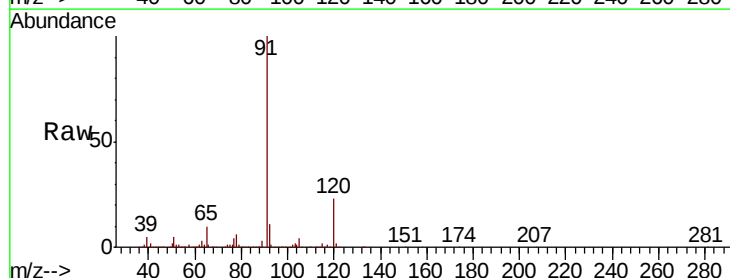
Acq: 24 Jan 2020 15:40

Tgt Ion: 91 Resp: 873140

Ion Ratio Lower Upper

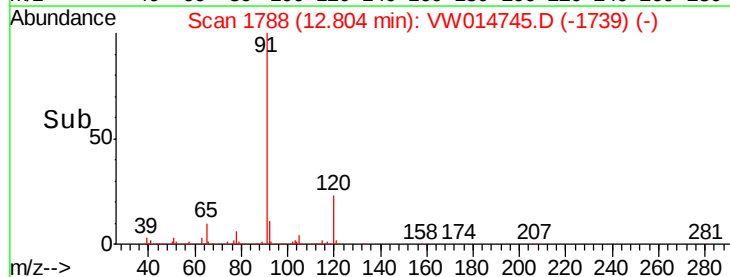
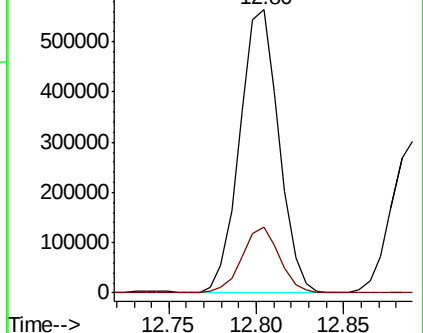
91 100

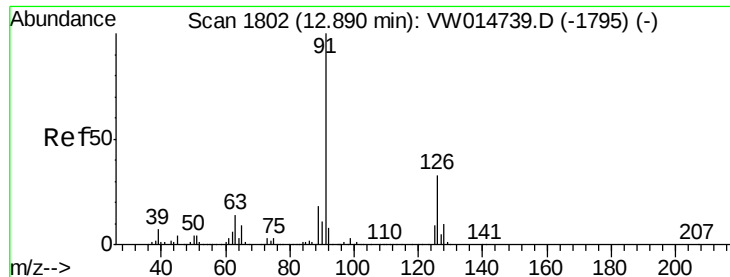
120 22.4 11.3 33.9



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 120.00 (119.70 to 120.70): V

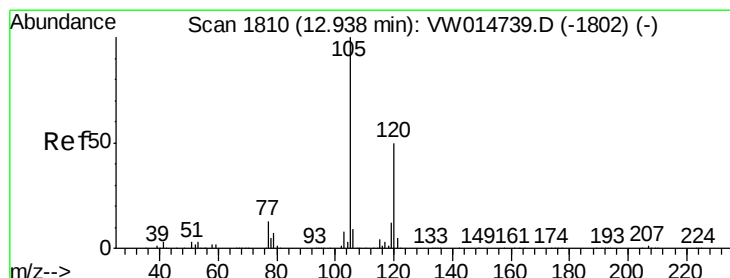
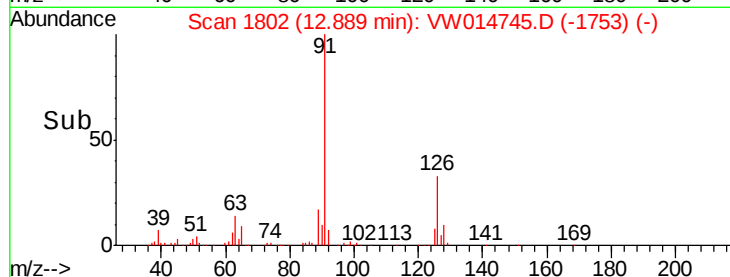
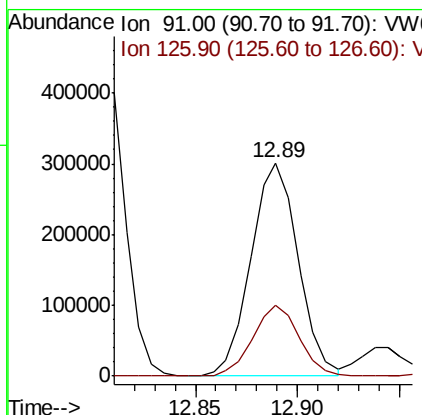
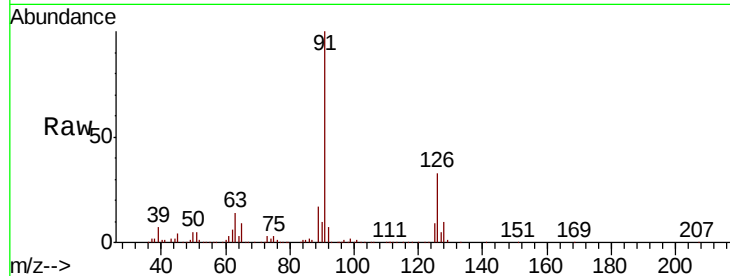




#79
2-Chlorotoluene
Concen: 21.208 ug/l
RT: 12.89 min Scan# 1802
Delta R.T. -0.00 min
Lab File: VW014745.D
Acq: 24 Jan 2020 15:40

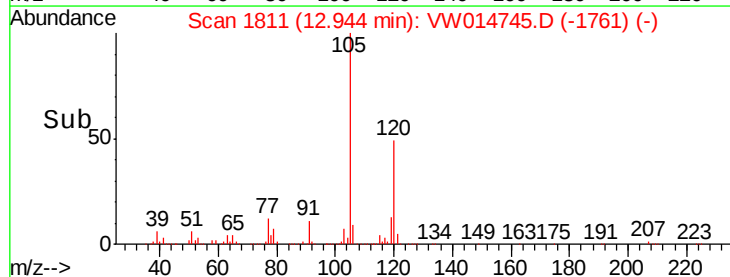
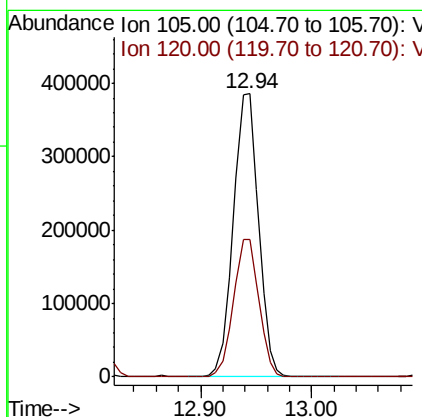
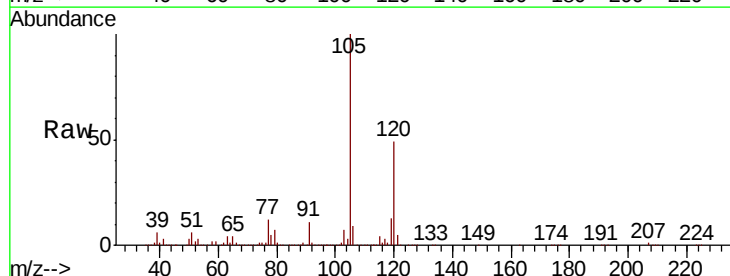
Instrument :
MSVOA_W
ClientSampleId :
VW0124SBSD01

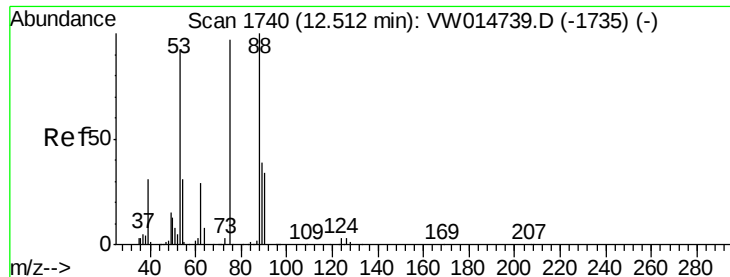
Tot Ion: 91 Resp: 485163
Ion Ratio Lower Upper
91 100
126 32.8 16.9 50.6



#80
1,3,5-Trimethylbenzene
Concen: 21.435 ug/l
RT: 12.94 min Scan# 1811
Delta R.T. 0.01 min
Lab File: VW014745.D
Acq: 24 Jan 2020 15:40

Tgt Ion:105 Resp: 604726
Ion Ratio Lower Upper
105 100
120 49.1 25.0 75.0





#81

trans-1,4-Dichloro-2-butene

Concen: 20.582 ug/l

RT: 12.51 min Scan# 1740

Delta R.T. -0.00 min

Lab File: VW014745.D

Acq: 24 Jan 2020 15:40

Instrument :

MSVOA_W

ClientSampleId :

VW0124SBSD01

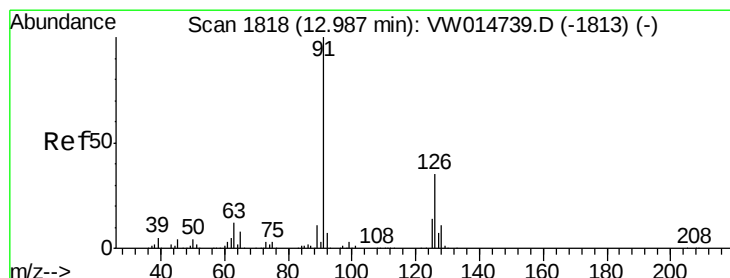
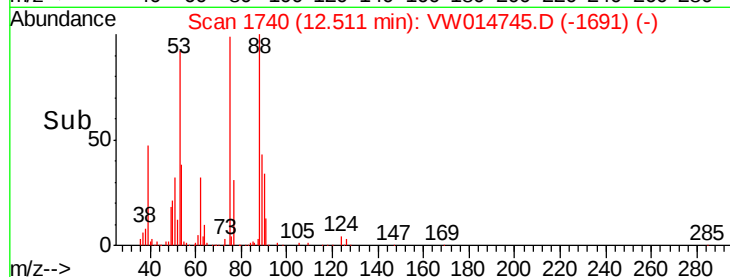
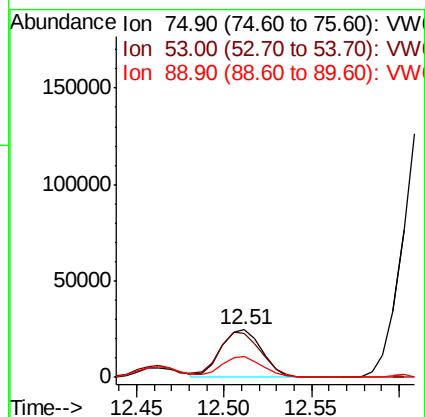
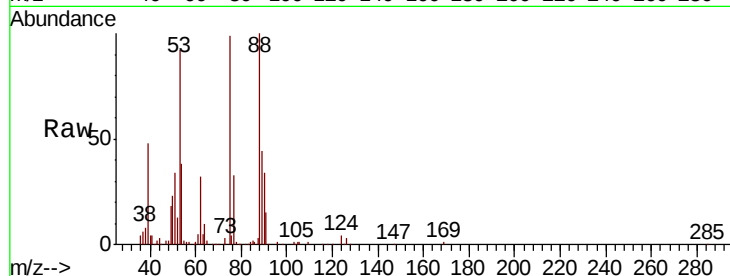
Tot Ion: 75 Resp: 40356

Ion Ratio Lower Upper

75 100

53 97.6 77.0 115.4

89 44.0 35.2 52.8



#82

4-Chlorotoluene

Concen: 21.169 ug/l

RT: 12.99 min Scan# 1818

Delta R.T. -0.00 min

Lab File: VW014745.D

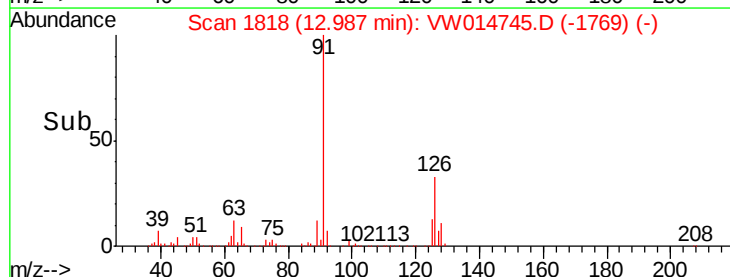
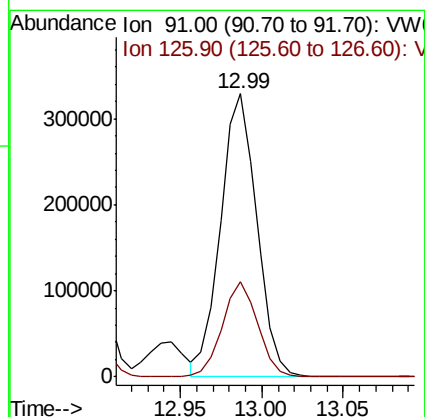
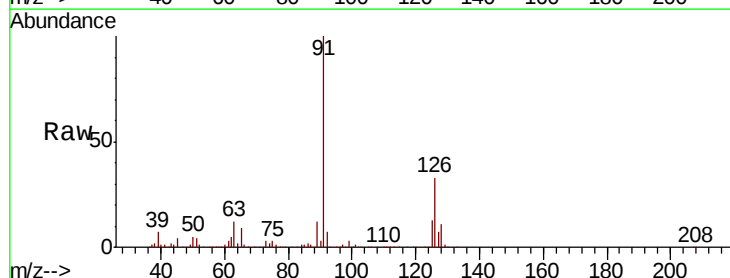
Acq: 24 Jan 2020 15:40

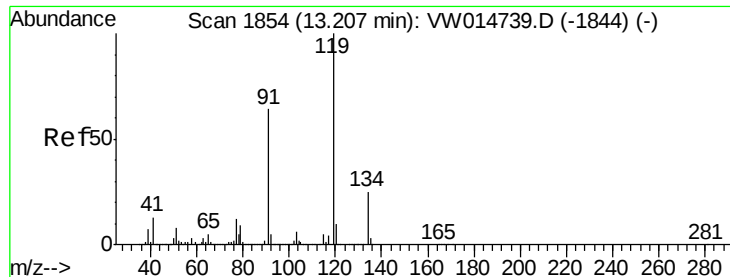
Tgt Ion: 91 Resp: 506385

Ion Ratio Lower Upper

91 100

126 33.0 16.7 50.1





#83

tert-Butylbenzene

Concen: 21.115 ug/l

RT: 13.20 min Scan# 1853

Delta R.T. -0.01 min

Lab File: VW014745.D

Acq: 24 Jan 2020 15:40

Instrument :

MSVOA_W

ClientSampleId :

VW0124SBSD01

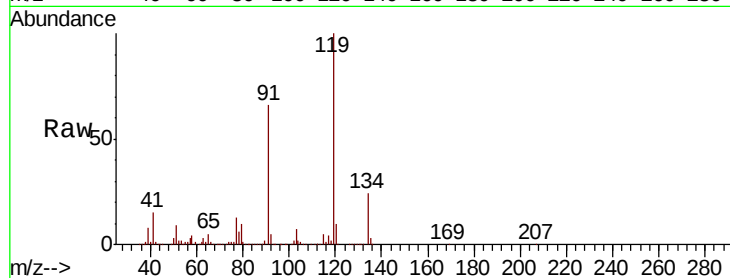
Tot Ion:119 Resp: 515406

Ion Ratio Lower Upper

119 100

91 64.6 32.1 96.3

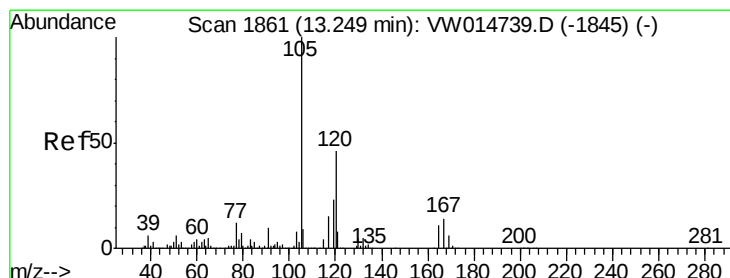
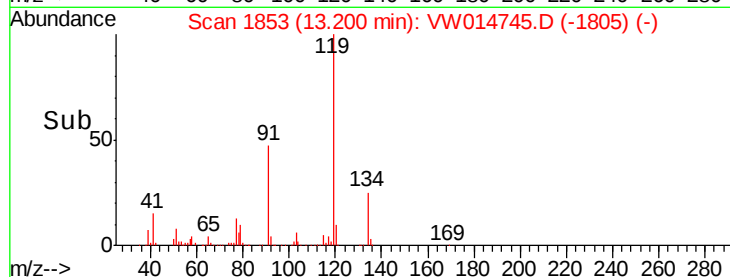
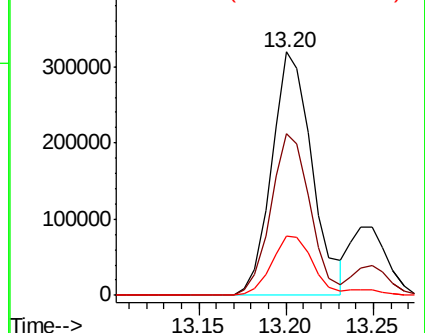
134 26.7 13.4 40.2



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: 21.289 ug/l

RT: 13.25 min Scan# 1861

Delta R.T. -0.00 min

Lab File: VW014745.D

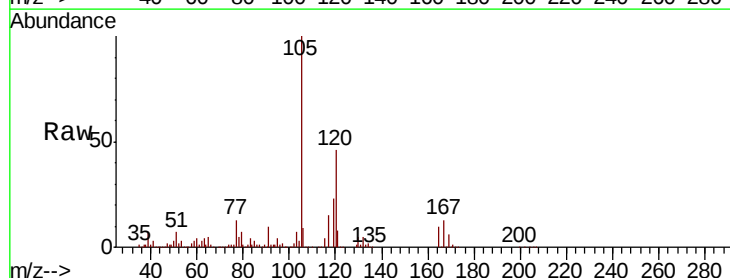
Acq: 24 Jan 2020 15:40

Tgt Ion:105 Resp: 600206

Ion Ratio Lower Upper

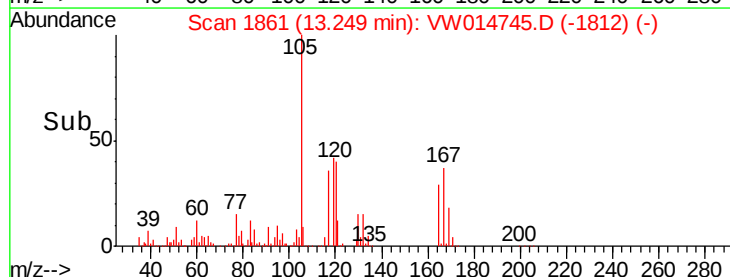
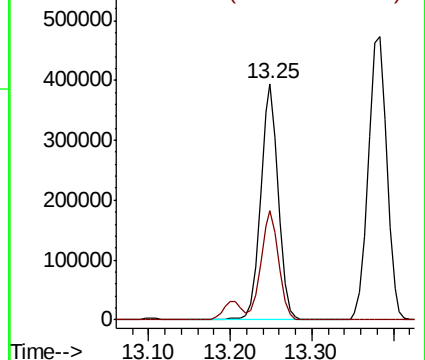
105 100

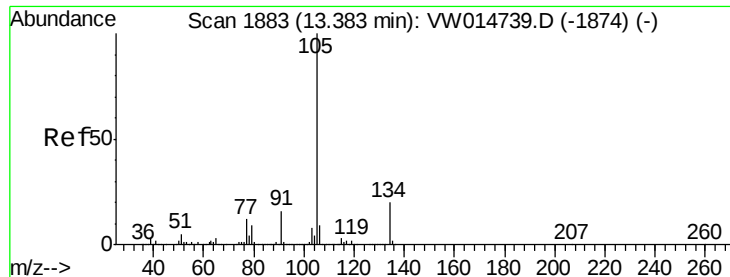
120 46.3 23.3 69.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 21.232 ug/l

RT: 13.38 min Scan# 1883

Delta R.T. -0.00 min

Lab File: VW014745.D

Acq: 24 Jan 2020 15:40

Instrument :

MSVOA_W

ClientSampleId :

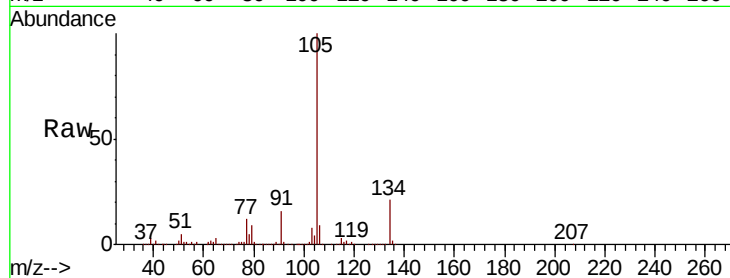
VW0124SBS01

Tot Ion:105 Resp: 729799

Ion Ratio Lower Upper

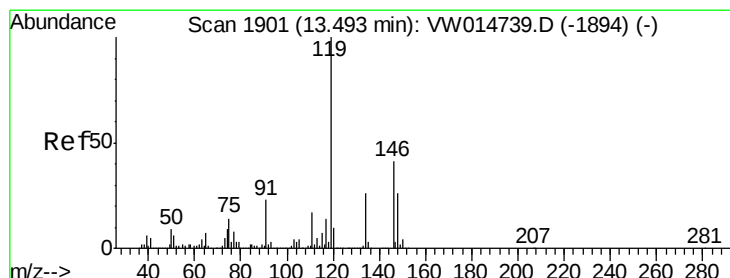
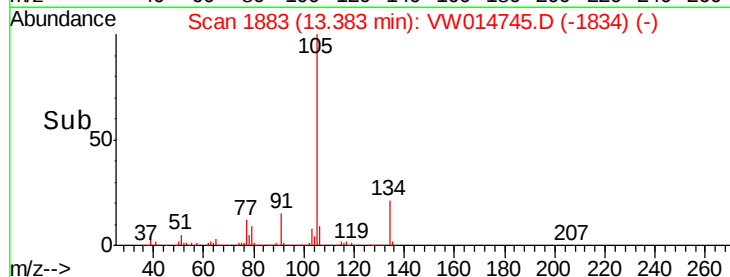
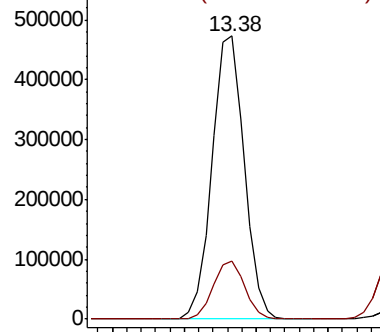
105 100

134 20.2 10.1 30.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 21.217 ug/l

RT: 13.49 min Scan# 1901

Delta R.T. -0.00 min

Lab File: VW014745.D

Acq: 24 Jan 2020 15:40

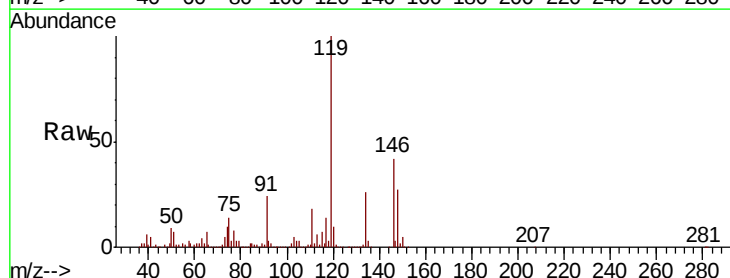
Tgt Ion:119 Resp: 660619

Ion Ratio Lower Upper

119 100

134 25.8 13.0 38.9

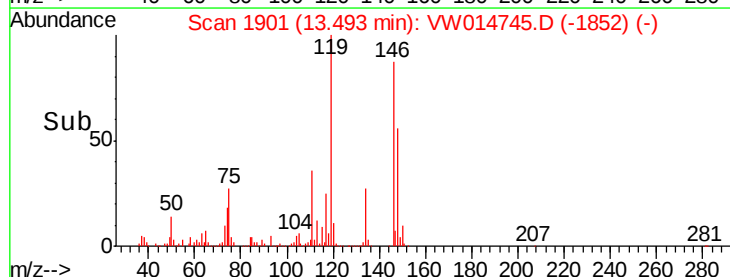
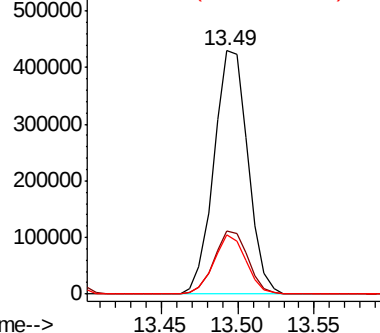
91 23.1 11.4 34.2

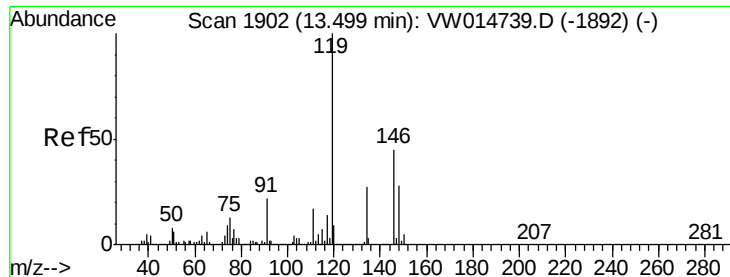


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V





#87

1,3-Dichlorobenzene

Concen: 20.507 ug/l

RT: 13.50 min Scan# 1902

Delta R.T. -0.00 min

Lab File: VW014745.D

Acq: 24 Jan 2020 15:40

Instrument :

MSVOA_W

ClientSampleId :

VW0124SBSD01

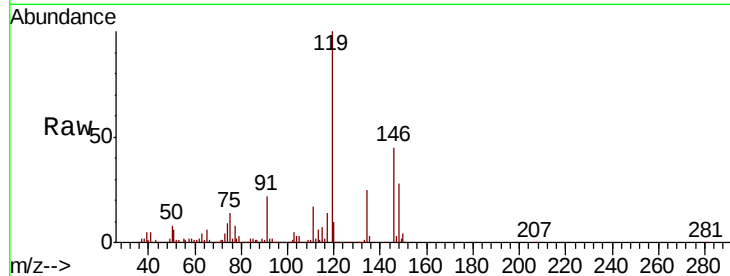
Tot Ion:146 Resp: 310351

Ion Ratio Lower Upper

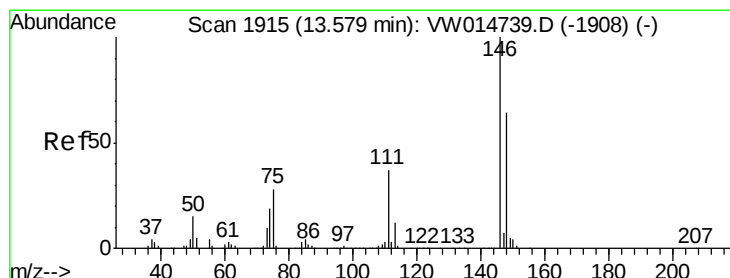
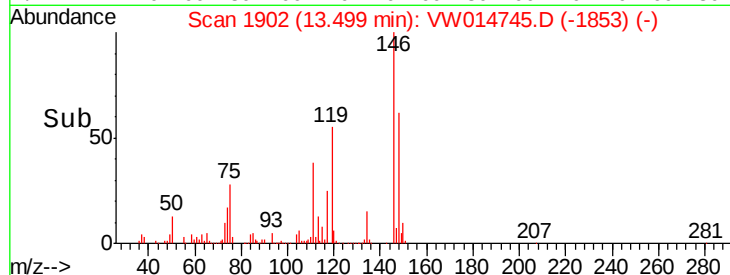
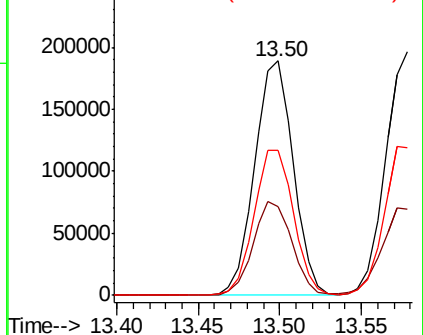
146 100

111 40.2 19.8 59.4

148 63.5 31.6 95.0



Abundance Ion 145.90 (145.60 to 146.60): V
Ion 110.90 (110.60 to 111.60): V
Ion 147.90 (147.60 to 148.60): V



#88

1,4-Dichlorobenzene

Concen: 20.534 ug/l

RT: 13.58 min Scan# 1915

Delta R.T. -0.00 min

Lab File: VW014745.D

Acq: 24 Jan 2020 15:40

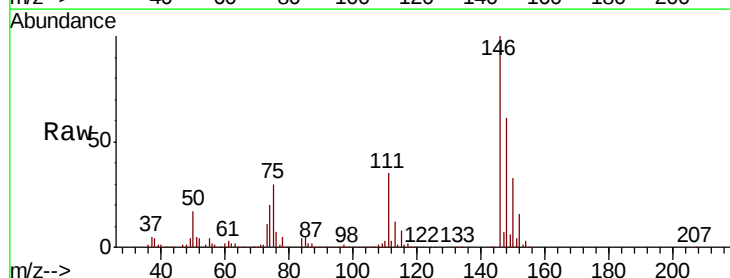
Tgt Ion:146 Resp: 306321

Ion Ratio Lower Upper

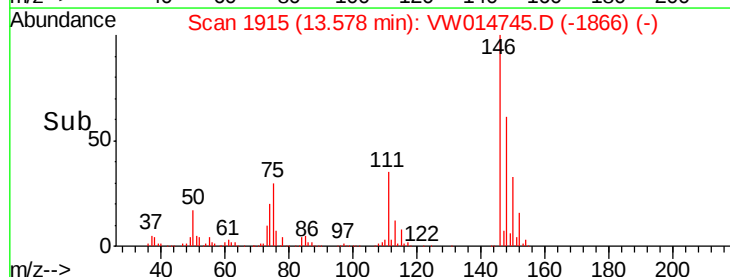
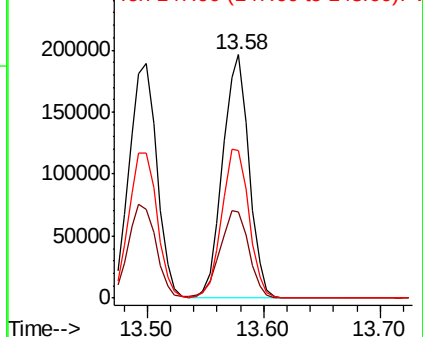
146 100

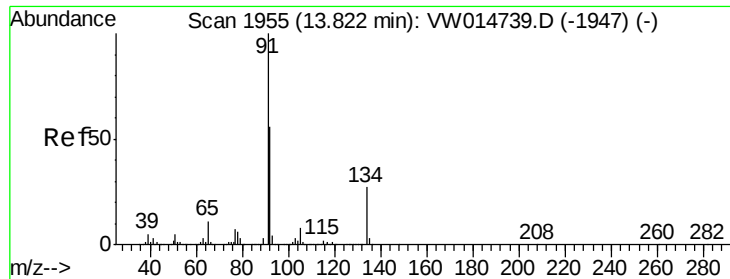
111 39.4 19.4 58.4

148 63.5 32.0 96.2



Abundance Ion 145.90 (145.60 to 146.60): V
Ion 110.90 (110.60 to 111.60): V
Ion 147.90 (147.60 to 148.60): V





#89

n-Butylbenzene

Concen: 21.378 ug/l

RT: 13.82 min Scan# 1955

Delta R.T. -0.00 min

Lab File: VW014745.D

Acq: 24 Jan 2020 15:40

Instrument :

MSVOA_W

ClientSampleID :

VW0124SBSD01

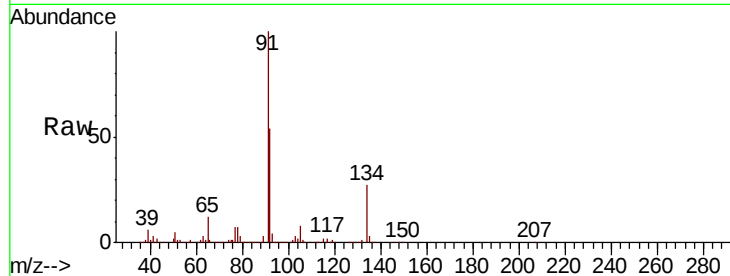
Tot Ion: 91 Resp: 634929

Ion Ratio Lower Upper

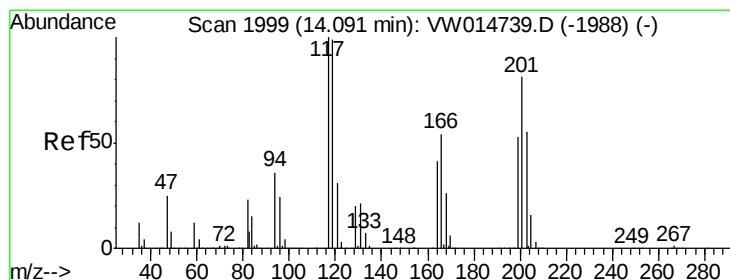
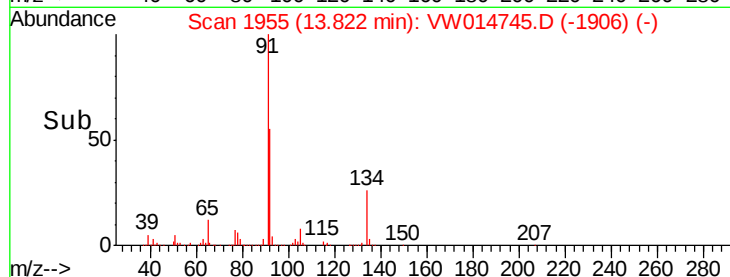
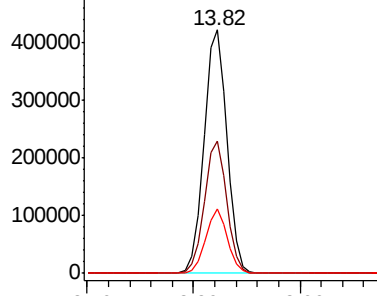
91 100

92 53.2 27.5 82.4

134 25.1 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: 20.184 ug/l

RT: 14.09 min Scan# 1999

Delta R.T. -0.00 min

Lab File: VW014745.D

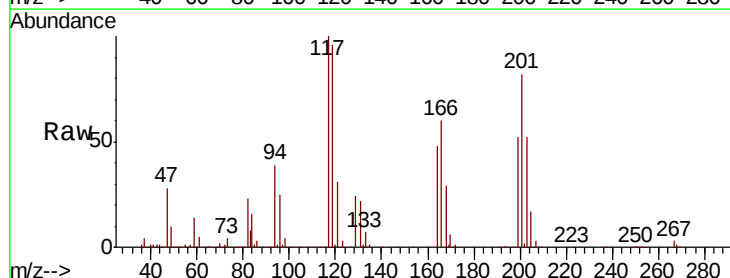
Acq: 24 Jan 2020 15:40

Tgt Ion: 117 Resp: 111511

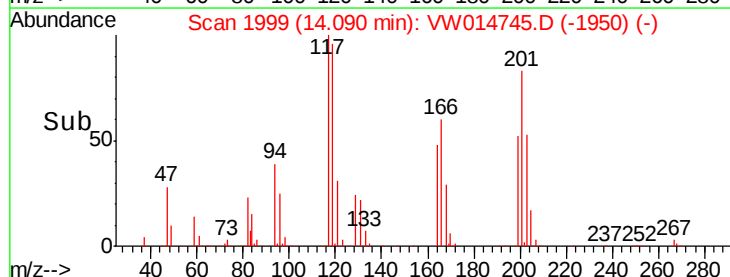
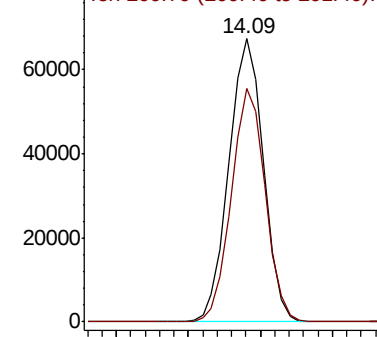
Ion Ratio Lower Upper

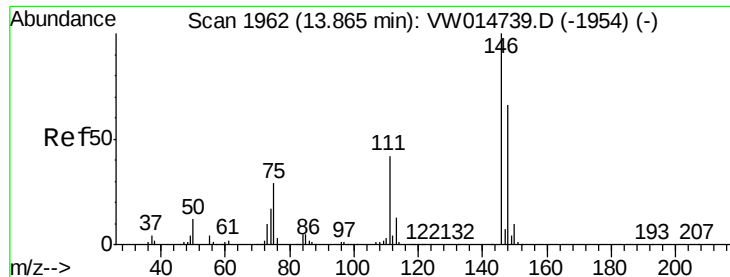
117 100

201 81.0 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: 20.471 ug/l

RT: 13.86 min Scan# 1962

Delta R.T. -0.00 min

Lab File: VW014745.D

Acq: 24 Jan 2020 15:40

Instrument :

MSVOA_W

ClientSampleId :

VW0124SBSD01

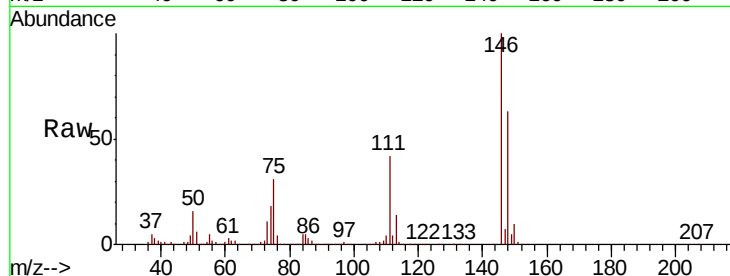
Tot Ion:146 Resp: 271732

Ion Ratio Lower Upper

146 100

111 41.5 20.7 62.1

148 64.3 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

13.86

150000

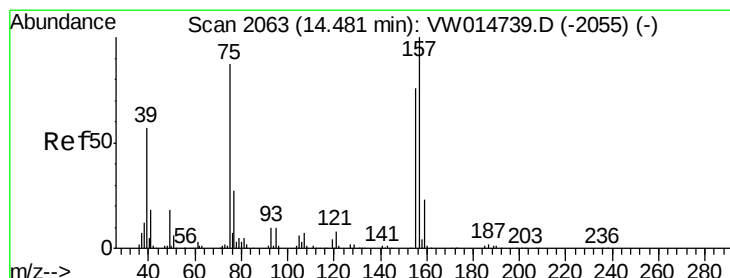
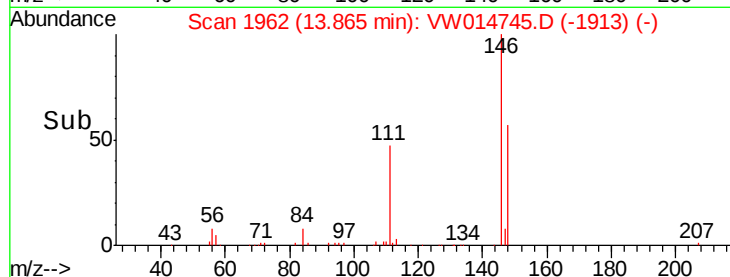
100000

50000

0

13.80 13.90

Time-->



#92

1,2-Dibromo-3-Chloropropane

Concen: 21.054 ug/l

RT: 14.48 min Scan# 2063

Delta R.T. -0.00 min

Lab File: VW014745.D

Acq: 24 Jan 2020 15:40

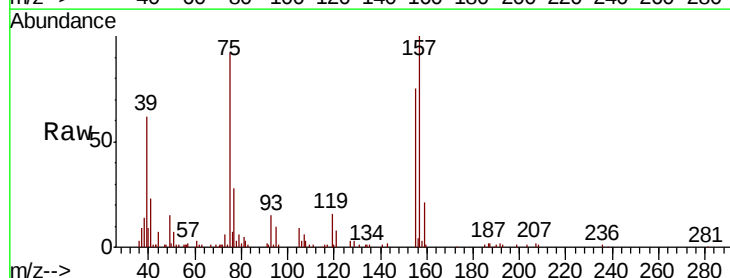
Tgt Ion: 75 Resp: 20651

Ion Ratio Lower Upper

75 100

155 78.4 42.5 127.5

157 104.9 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

14.48

15000

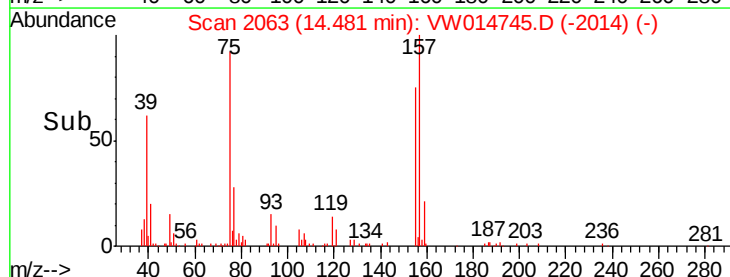
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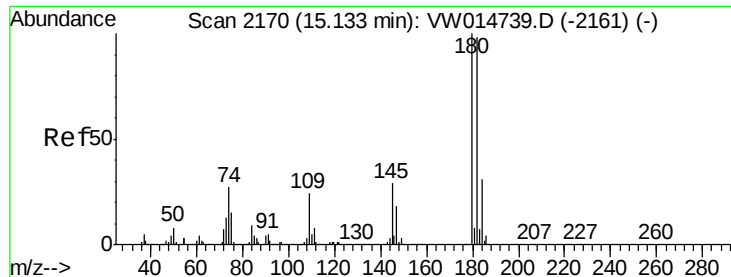
5000

0

14.40 14.50

Time-->

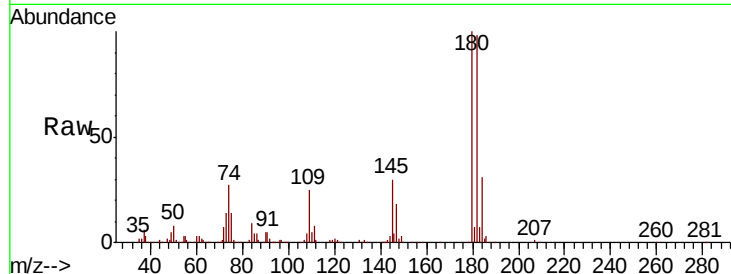




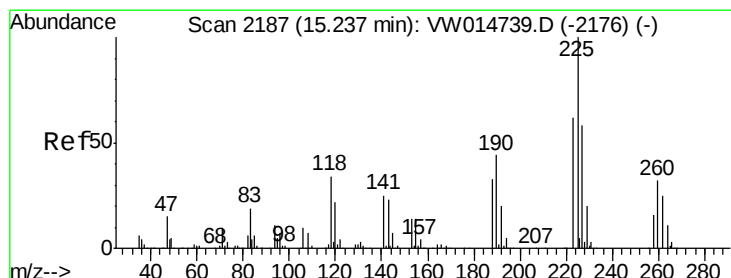
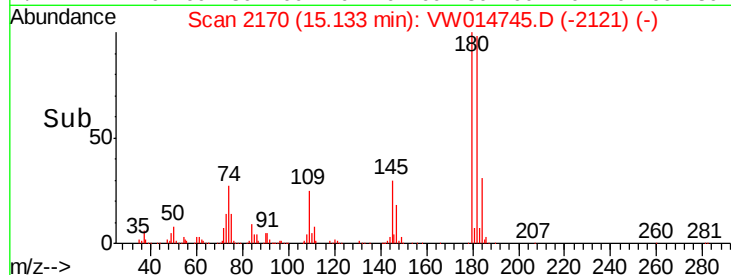
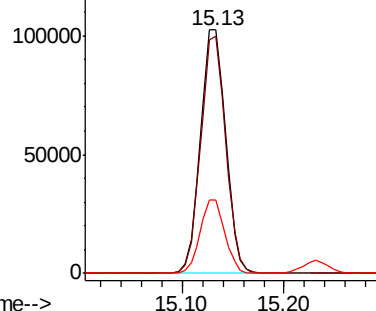
#93
 1,2,4-Trichlorobenzene
 Concen: 20.722 ug/l
 RT: 15.13 min Scan# 2170
 Delta R.T. -0.00 min
 Lab File: VW014745.D
 Acq: 24 Jan 2020 15:40

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0124SBSD01

Tot Ion	Ratio	Lower	Upper
180	100		
182	95.9	48.6	145.9
145	29.6	14.7	44.1

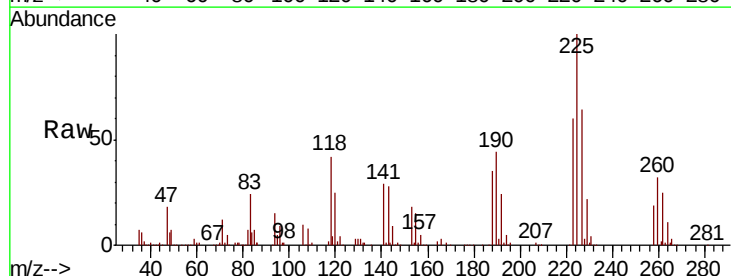


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

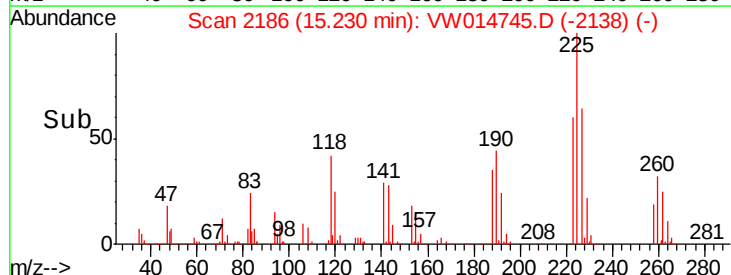
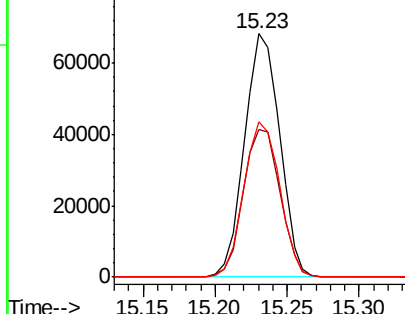


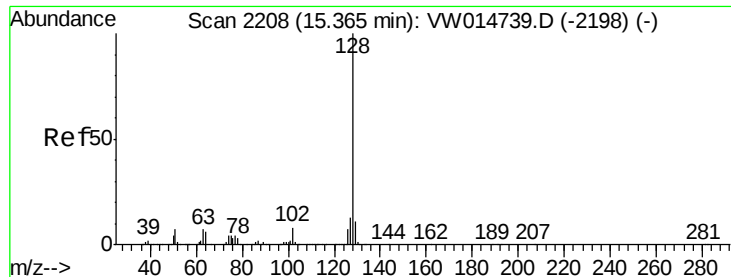
#94
 Hexachlorobutadiene
 Concen: 20.109 ug/l
 RT: 15.23 min Scan# 2186
 Delta R.T. -0.01 min
 Lab File: VW014745.D
 Acq: 24 Jan 2020 15:40

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.3	31.4	94.3
227	64.8	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: 19.003 ug/l

RT: 15.36 min Scan# 2208

Delta R.T. 0.00 min

Lab File: VW014745.D

Acq: 24 Jan 2020 15:40

Instrument :

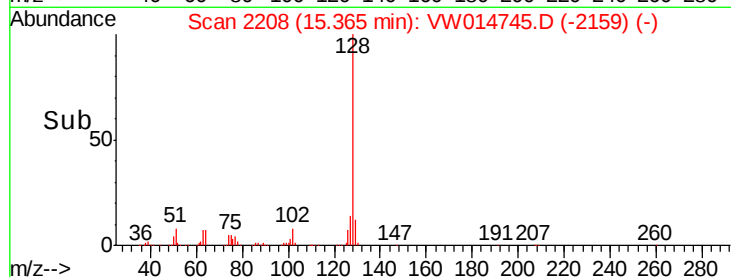
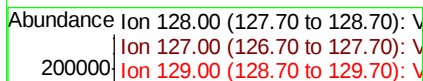
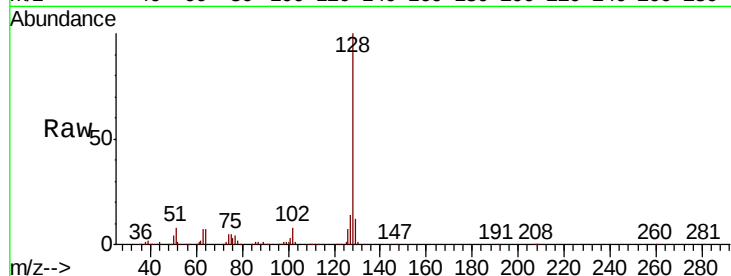
MSVOA_W

ClientSampleId :

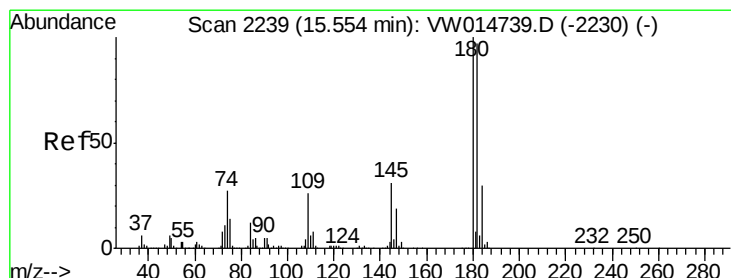
VW0124SBSD01

Tot Ion:128 Resp: 287945

Ion	Ratio	Lower	Upper
128	100		
127	13.4	10.6	15.8
129	10.9	8.8	13.2



Time-->



#96

1,2,3-Trichlorobenzene

Concen: 20.519 ug/l

RT: 15.55 min Scan# 2239

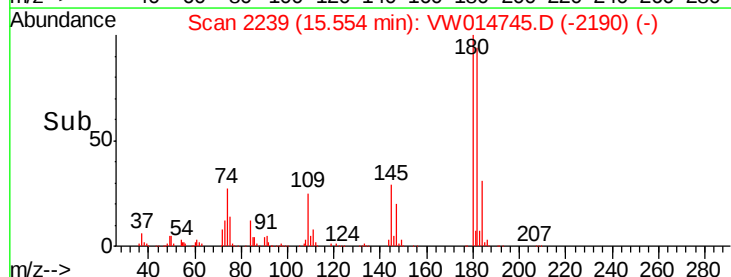
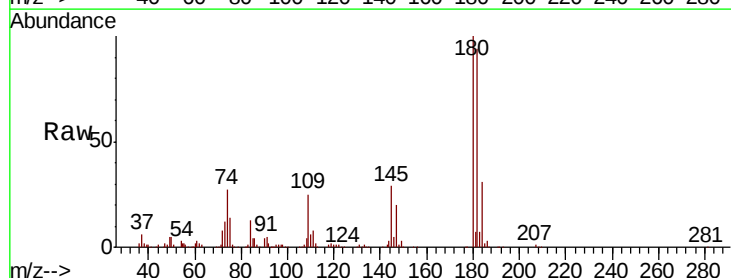
Delta R.T. -0.00 min

Lab File: VW014745.D

Acq: 24 Jan 2020 15:40

Tgt Ion:180 Resp: 148229

Ion	Ratio	Lower	Upper
180	100		
182	97.3	47.2	141.6
145	31.0	15.4	46.4



Time-->