

Data File : VW011173.D
Acq On : 09 Jul 2019 12:32
Operator : SY/VA
Sample : VW0709SBS01
Misc : 5.00G/5ML/MSVOA_W/SOIL
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VW0709SBS01

Quant Time: Jul 10 04:29:18 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W070819S.M
Quant Title : SW846 8260
QLast Update : Tue Jul 09 07:16:01 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	234933	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	386349	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	342088	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	169845	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	148357	50.26	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.52%	
35) Dibromofluoromethane	7.88	113	116785	50.71	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.42%	
50) Toluene-d8	10.32	98	482574	51.84	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.68%	
62) 4-Bromofluorobenzene	12.62	95	175718	51.50	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.00%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.00	85	35975	20.532	ug/l	96
3) Chloromethane	2.21	50	47475	21.028	ug/l	96
4) Vinyl Chloride	2.35	62	61733	20.891	ug/l	99
5) Bromomethane	2.76	94	30099	20.270	ug/l	98
6) Chloroethane	2.91	64	31984	20.095	ug/l	97
7) Trichlorofluoromethane	3.25	101	18884	17.988	ug/l	97
8) Diethyl Ether	3.67	74	29171	20.083	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	4.06	101	51803	20.601	ug/l	98
10) Methyl Iodide	4.27	142	68815	19.898	ug/l	100
11) Tert butyl alcohol	5.17	59	20495	93.774	ug/l	99
12) 1,1-Dichloroethene	4.04	96	53224	20.393	ug/l	87
13) Acrolein	3.89	56	15210	87.396	ug/l	97
14) Allyl chloride	4.66	41	91716	19.271	ug/l	100
15) Acrylonitrile	5.37	53	70992	95.966	ug/l	99
16) Acetone	4.12	43	68412	96.316	ug/l	97
17) Carbon Disulfide	4.38	76	153320	19.377	ug/l	99
18) Methyl Acetate	4.67	43	46206	22.087	ug/l	99
19) Methyl tert-butyl Ether	5.42	73	79931	20.184	ug/l	98
20) Methylene Chloride	4.92	84	61388	21.908	ug/l	95
21) trans-1,2-Dichloroethene	5.42	96	54055	19.933	ug/l	99
22) Diisopropyl ether	6.31	45	209572	20.474	ug/l	99
23) Vinyl Acetate	6.25	43	615668	97.187	ug/l	100
24) 1,1-Dichloroethane	6.21	63	110334	20.527	ug/l	99
25) 2-Butanone	7.17	43	108468	97.284	ug/l	97
26) 2,2-Dichloropropane	7.16	77	57015	20.406	ug/l	100
27) cis-1,2-Dichloroethene	7.17	96	60252	20.596	ug/l	99
28) Bromochloromethane	7.51	49	44655	18.271	ug/l	100
29) Tetrahydrofuran	7.52	42	69641	95.256	ug/l	99
30) Chloroform	7.67	83	100320	20.153	ug/l	96
31) Cyclohexane	7.95	56	115984	20.283	ug/l	96
32) 1,1,1-Trichloroethane	7.87	97	76656	20.244	ug/l	99
36) 1,1-Dichloropropene	8.08	75	84429	20.521	ug/l	100
37) Ethyl Acetate	7.25	43	48154	19.480	ug/l	99
38) Carbon Tetrachloride	8.07	117	70539	20.225	ug/l	99

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Quant Title : SW846 8260
QLast Update : Tue Jul 09 07:16:01 2019
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	101801	20.415	ug/l	99
40) Benzene	8.32	78	231385	20.350	ug/l	100
41) Methacrylonitrile	7.48	41	29205	20.657	ug/l #	89
42) 1,2-Dichloroethane	8.40	62	74827	20.287	ug/l	99
43) Isopropyl Acetate	8.42	43	91010	19.501	ug/l	98
44) Trichloroethene	9.09	130	56219	20.547	ug/l	99
45) 1,2-Dichloropropane	9.37	63	62860	20.416	ug/l	98
46) Dibromomethane	9.46	93	29135	20.144	ug/l	99
47) Bromodichloromethane	9.64	83	73507	19.863	ug/l	99
48) Methyl methacrylate	9.43	41	43650	19.441	ug/l	99
49) 1,4-Dioxane	9.44	88	9530	394.741	ug/l	96
51) 4-Methyl-2-Pentanone	10.21	43	240821	98.781	ug/l	99
52) Toluene	10.39	92	143004	20.733	ug/l	100
53) t-1,3-Dichloropropene	10.60	75	77552	19.687	ug/l	98
54) cis-1,3-Dichloropropene	10.07	75	91186	19.666	ug/l	98
55) 1,1,2-Trichloroethane	10.79	97	41732	20.338	ug/l	94
56) Ethyl methacrylate	10.65	69	60557	19.385	ug/l	100
57) 1,3-Dichloropropane	10.93	76	78031	20.110	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.92	63	157332	108.634	ug/l	99
59) 2-Hexanone	10.97	43	167164	98.872	ug/l	99
60) Dibromochloromethane	11.13	129	43133	19.170	ug/l	98
61) 1,2-Dibromoethane	11.24	107	38137	19.622	ug/l	98
64) Tetrachloroethene	10.86	164	46340	20.075	ug/l	93
65) Chlorobenzene	11.66	112	141482	20.342	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.73	131	49495	20.211	ug/l	98
67) Ethyl Benzene	11.73	91	273387	20.533	ug/l	100
68) m/p-Xylenes	11.84	106	198923	41.290	ug/l	99
69) o-Xylene	12.16	106	92274	20.321	ug/l	99
70) Styrene	12.18	104	162047	20.678	ug/l	99
71) Bromoform	12.35	173	23977	18.415	ug/l #	98
73) Isopropylbenzene	12.46	105	258272	20.342	ug/l	100
74) N-amyl acetate	12.27	43	85601	19.358	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.71	83	50541	19.419	ug/l	100
76) 1,2,3-Trichloropropane	12.77	75	66136	33.695	ug/l #	100
77) Bromobenzene	12.75	156	57501	20.181	ug/l	98
78) n-propylbenzene	12.80	91	322207	20.601	ug/l	100
79) 2-Chlorotoluene	12.89	91	182890	20.321	ug/l	99
80) 1,3,5-Trimethylbenzene	12.94	105	219747	20.373	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.51	75	15221	17.540	ug/l	95
82) 4-Chlorotoluene	12.99	91	191072	20.382	ug/l	99
83) tert-Butylbenzene	13.21	119	184288	20.486	ug/l	99
84) 1,2,4-Trimethylbenzene	13.25	105	219500	20.266	ug/l	100
85) sec-Butylbenzene	13.38	105	265859	20.482	ug/l	100
86) p-Isopropyltoluene	13.50	119	241451	20.739	ug/l	99
87) 1,3-Dichlorobenzene	13.50	146	113826	20.763	ug/l	97
88) 1,4-Dichlorobenzene	13.58	146	110492	20.015	ug/l	96
89) n-Butylbenzene	13.82	91	242231	20.857	ug/l	100
90) Hexachloroethane	14.10	117	41899	19.694	ug/l	99
91) 1,2-Dichlorobenzene	13.87	146	101214	20.351	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.49	75	8715	18.878	ug/l	97

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW070919\
Quantitation Report (Not Reviewed)

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Instrument :
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ClientSampleId :
VW0709SBSD01

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Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W070819S.M
Quant Title : SW846 8260
QLast Update : Tue Jul 09 07:16:01 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.14	180	72390	21.132	ug/l	99
94) Hexachlorobutadiene	15.24	225	43444	20.657	ug/l	100
95) Naphthalene	15.37	128	131440	20.023	ug/l	99
96) 1,2,3-Trichlorobenzene	15.56	180	63407	20.973	ug/l	99

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

Data File : VW011173.D

Acq On : 09 Jul 2019 12:32

Operator : SY/VA

Sample : VW0709SBSD01

Misc : 5.00G/5ML/MSVOA W/SOIL

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ALS Vial      : 5      Sample Multiplier: 1
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Instrument :
MSVOA_W
ClientSampleId :
VW0709SBSD01

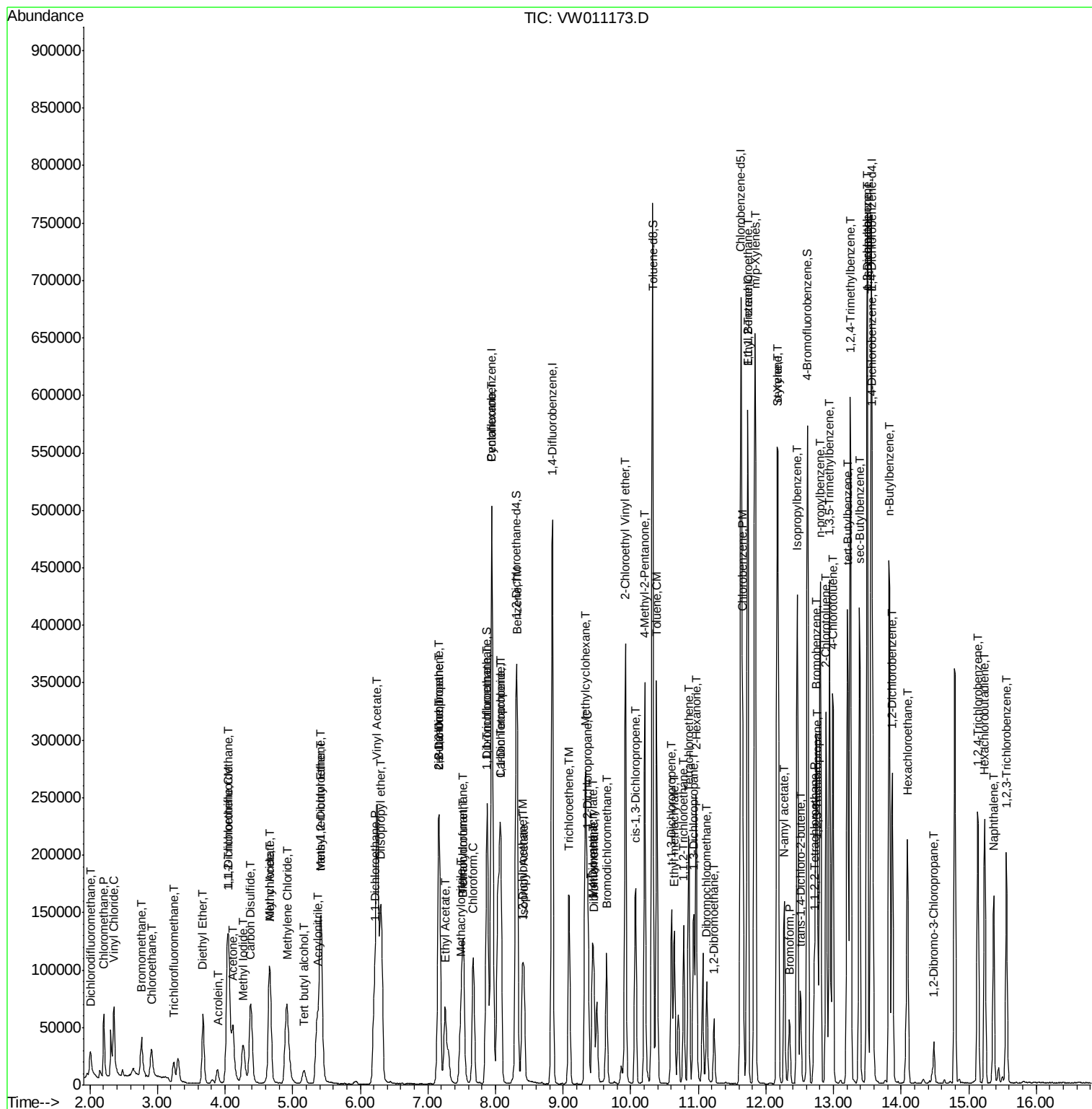
Quant Time: Jul 10 04:29:18 2019

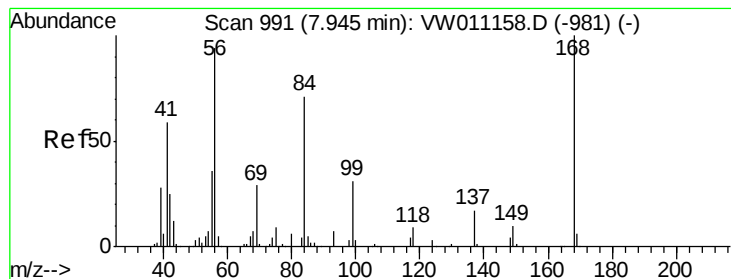
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA W\METHOD\82W070819S.M

Quant Title : SW846 8260

QLast Update : Tue Jul 09 07:16:01 2019

Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 991

Delta R.T. 0.00 min

Lab File: VW011173.D

Acq: 09 Jul 2019 12:32

Instrument :

MSVOA_W

ClientSampleId :

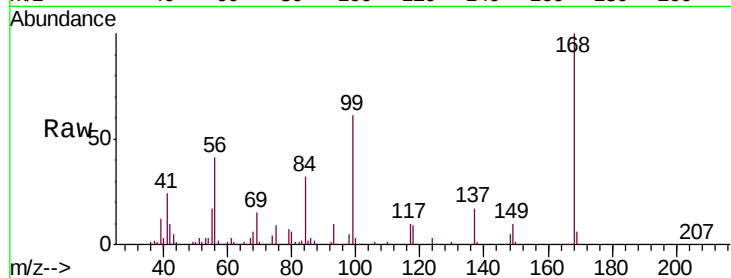
VW0709SBSD01

Tgt Ion:168 Resp: 234933

Ion Ratio Lower Upper

168 100

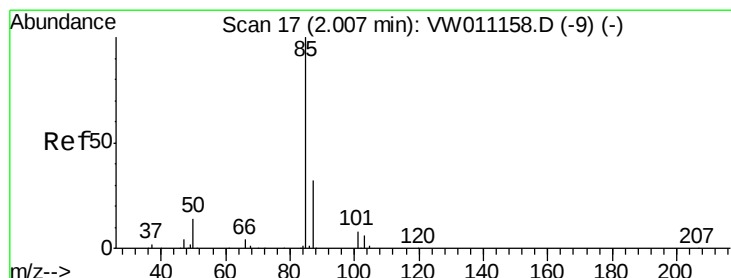
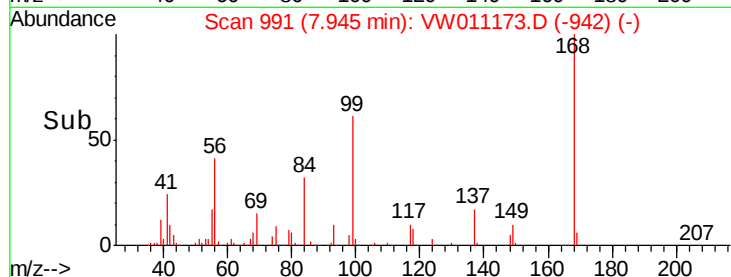
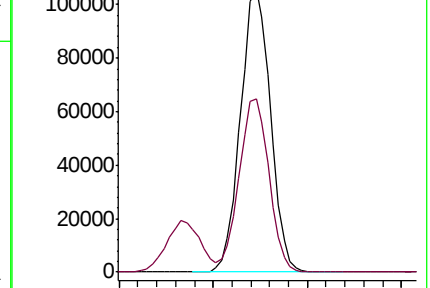
99 61.0 50.1 75.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95



#2

Dichlorodifluoromethane

Concen: 20.532 ug/l

RT: 2.00 min Scan# 16

Delta R.T. -0.01 min

Lab File: VW011173.D

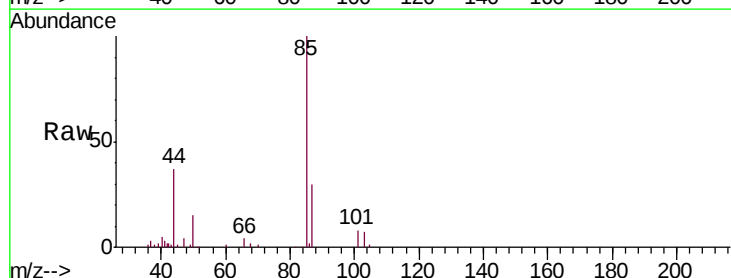
Acq: 09 Jul 2019 12:32

Tgt Ion: 85 Resp: 35975

Ion Ratio Lower Upper

85 100

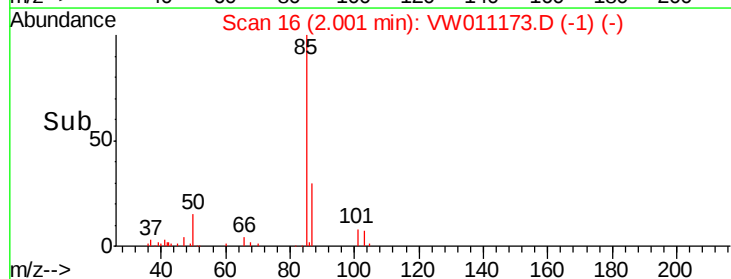
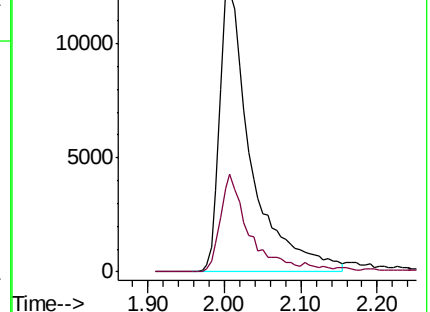
87 29.6 15.9 47.6

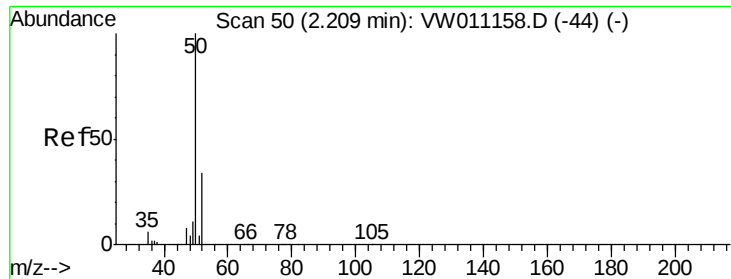


Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW

2.00





#3

Chloromethane

Concen: 21.028 ug/l

RT: 2.21 min Scan# 50

Delta R.T. 0.00 min

Lab File: VW011173.D

Acq: 09 Jul 2019 12:32

Instrument :

MSVOA_W

ClientSampleId :

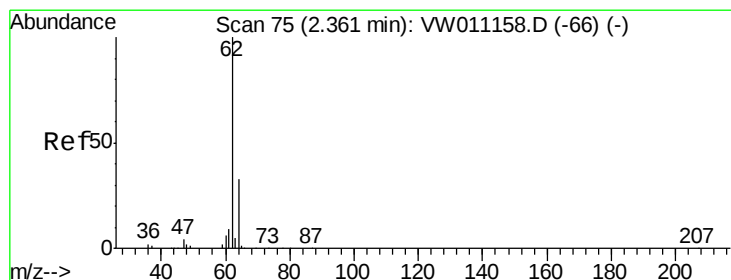
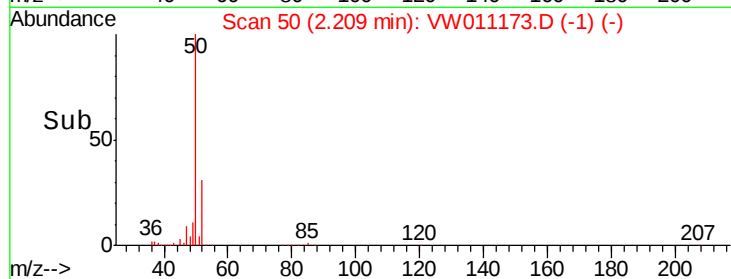
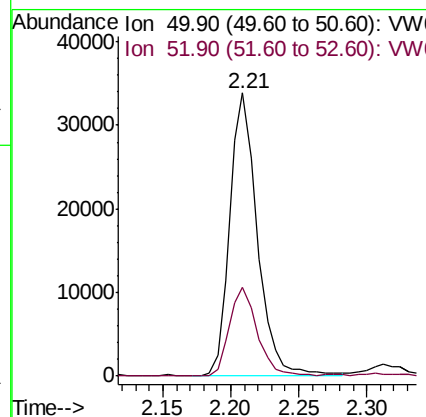
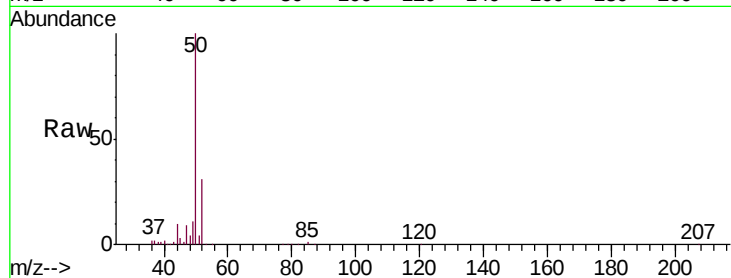
VW0709SBSD01

Tgt Ion: 50 Resp: 47475

Ion Ratio Lower Upper

50 100

52 31.5 26.9 40.3



#4

Vinyl Chloride

Concen: 20.891 ug/l

RT: 2.35 min Scan# 74

Delta R.T. -0.01 min

Lab File: VW011173.D

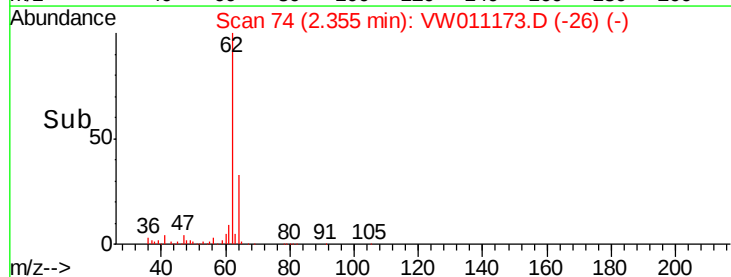
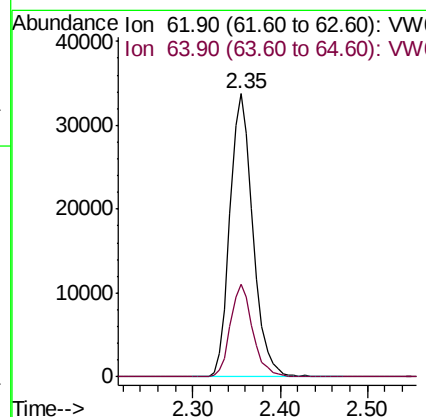
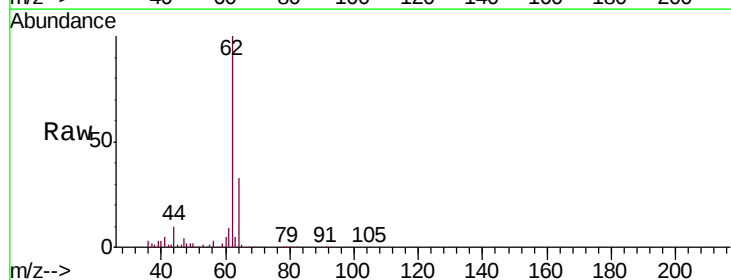
Acq: 09 Jul 2019 12:32

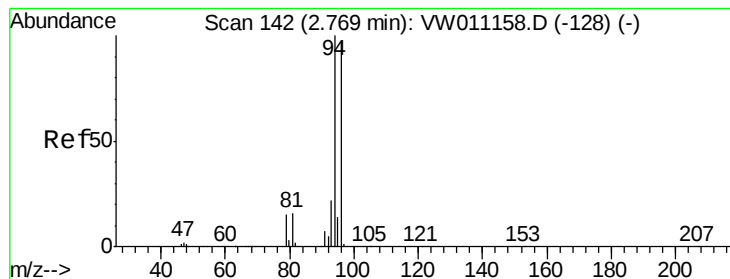
Tgt Ion: 62 Resp: 61733

Ion Ratio Lower Upper

62 100

64 32.7 26.6 40.0





#5

Bromomethane

Concen: 20.270 ug/l

RT: 2.76 min Scan# 141

Delta R.T. -0.01 min

Lab File: VW011173.D

Acq: 09 Jul 2019 12:32

Instrument :

MSVOA_W

ClientSampleId :

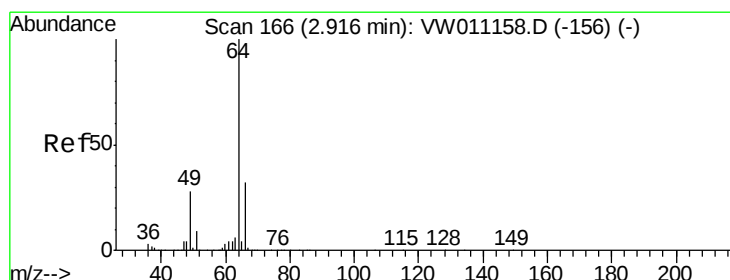
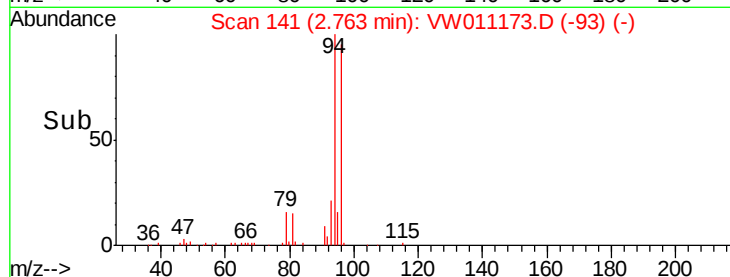
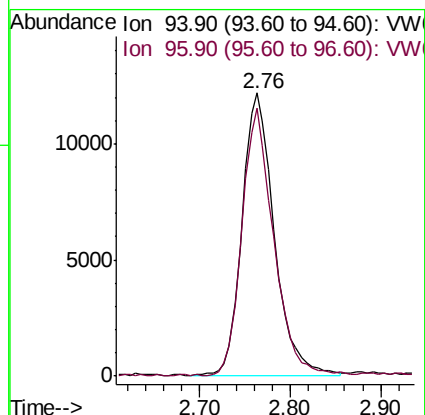
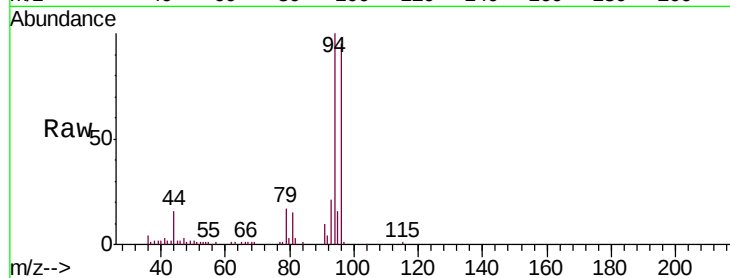
VW0709SBSD01

Tgt Ion: 94 Resp: 30099

Ion Ratio Lower Upper

94 100

96 94.5 77.4 116.0



#6

Chloroethane

Concen: 20.095 ug/l

RT: 2.91 min Scan# 165

Delta R.T. -0.01 min

Lab File: VW011173.D

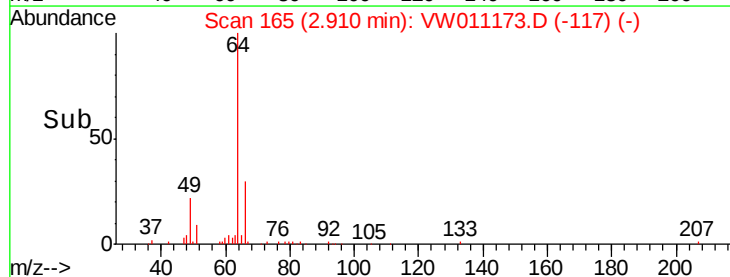
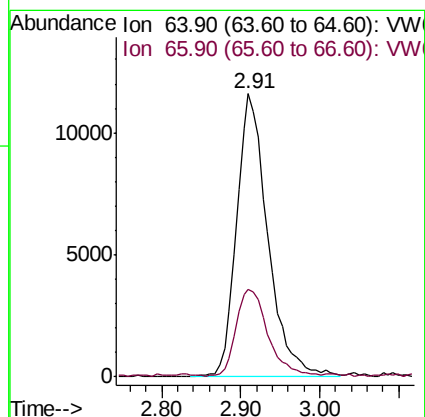
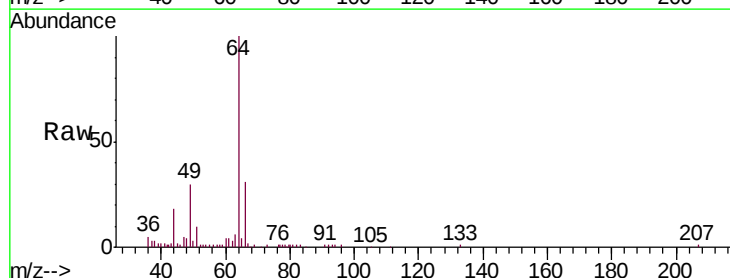
Acq: 09 Jul 2019 12:32

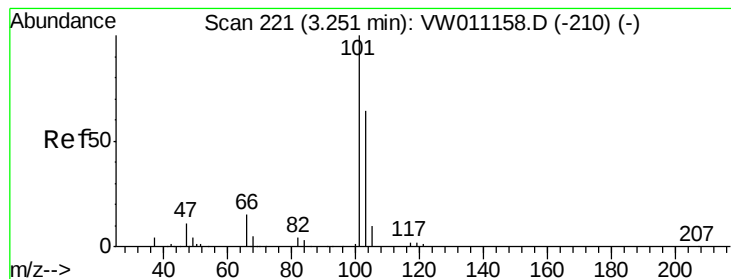
Tgt Ion: 64 Resp: 31984

Ion Ratio Lower Upper

64 100

66 30.5 25.8 38.8





#7

Trichlorofluoromethane

Concen: 17.988 ug/l

RT: 3.25 min Scan# 220

Delta R.T. -0.01 min

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Instrument :

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ClientSampleId :

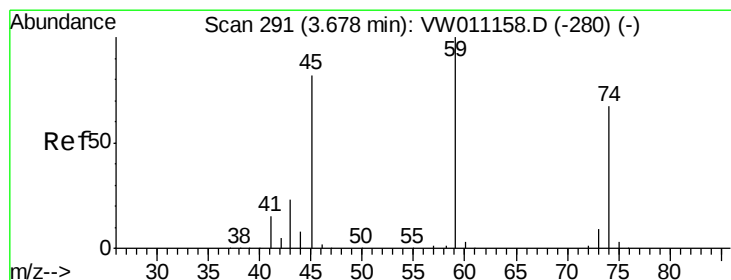
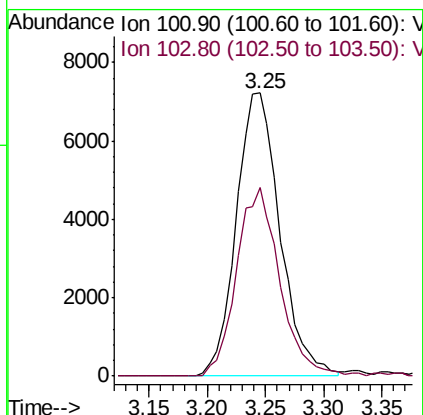
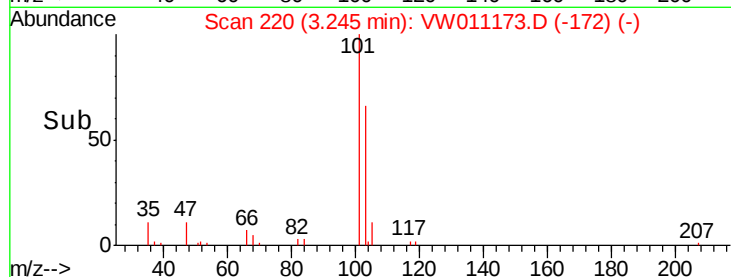
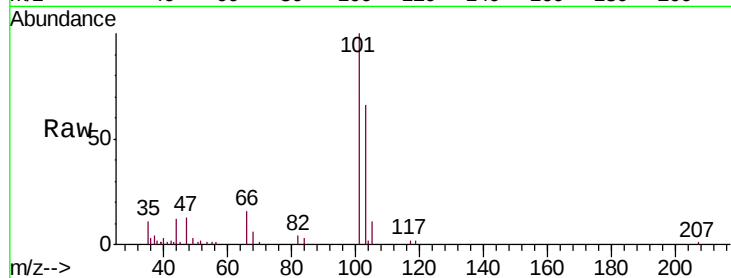
VW0709SBSD01

Tgt Ion:101 Resp: 18884

Ion Ratio Lower Upper

101 100

103 66.5 51.3 76.9



#8

Diethyl Ether

Concen: 20.083 ug/l

RT: 3.67 min Scan# 290

Delta R.T. -0.01 min

Lab File: VW011173.D

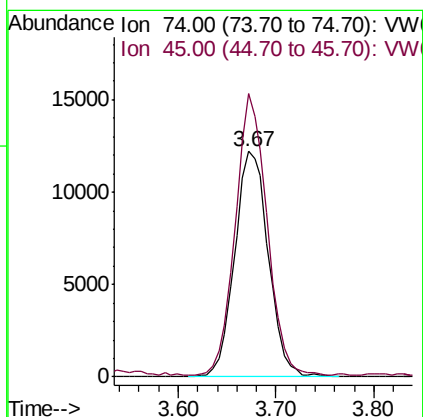
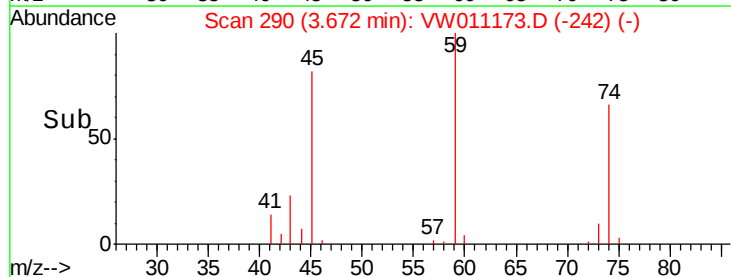
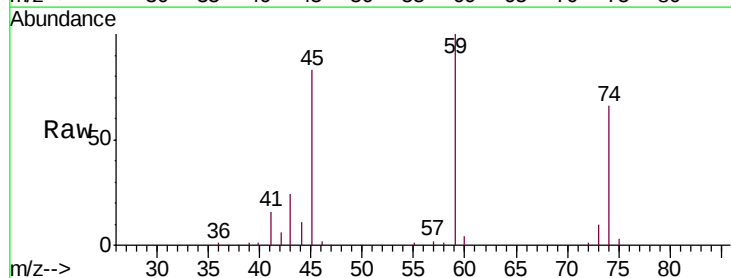
Acq: 09 Jul 2019 12:32

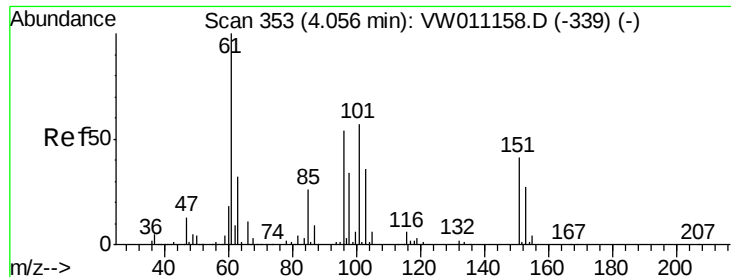
Tgt Ion: 74 Resp: 29171

Ion Ratio Lower Upper

74 100

45 116.9 59.9 179.7





#9

1,1,2-Trichlorotrifluoroethane

Concen: 20.601 ug/l

RT: 4.06 min Scan# 353

Delta R.T. 0.00 min

Lab File: VW011173.D

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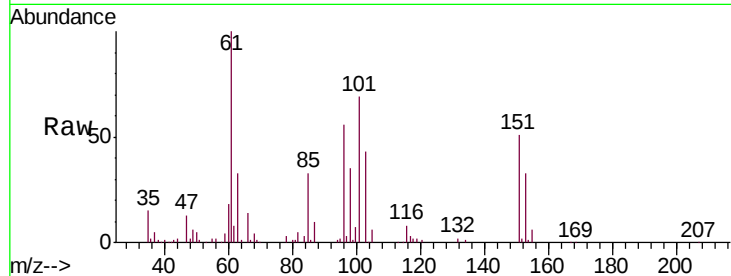
Tgt Ion:101 Resp: 51803

Ion Ratio Lower Upper

101 100

85 42.5 36.5 54.7

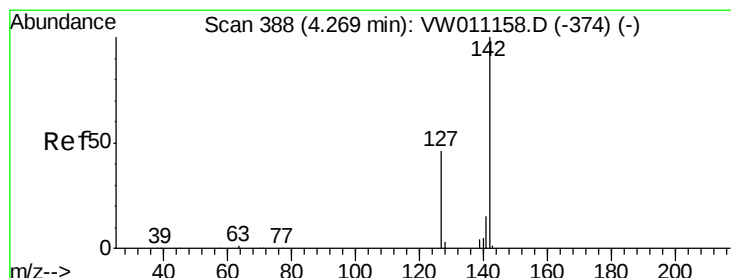
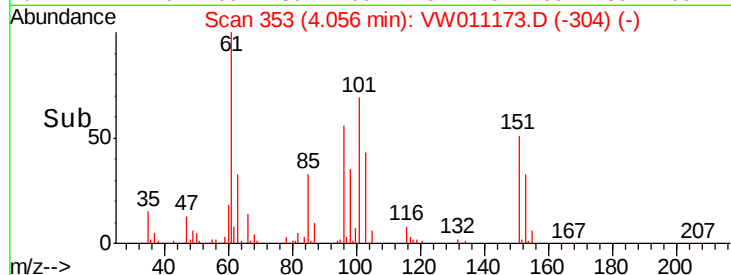
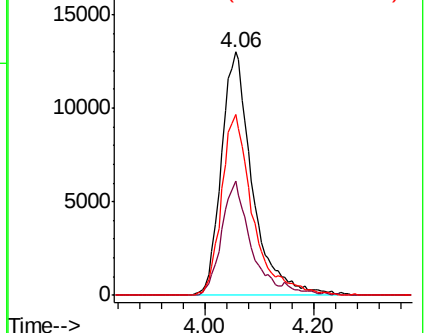
151 74.6 59.1 88.7



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VW

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 19.898 ug/l

RT: 4.27 min Scan# 388

Delta R.T. 0.00 min

Lab File: VW011173.D

Acq: 09 Jul 2019 12:32

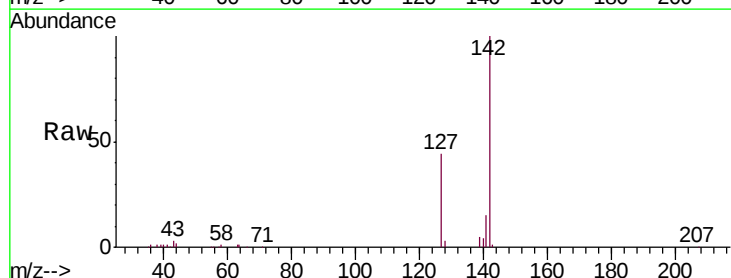
Tgt Ion:142 Resp: 68815

Ion Ratio Lower Upper

142 100

127 44.7 35.7 53.5

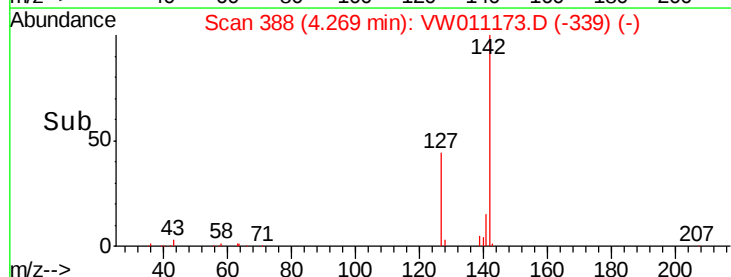
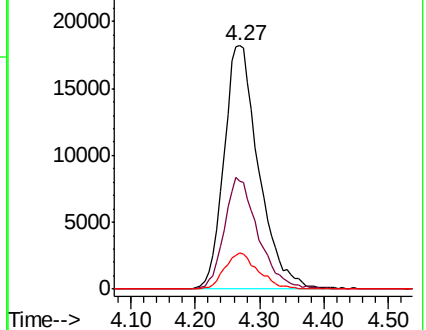
141 14.5 11.5 17.3

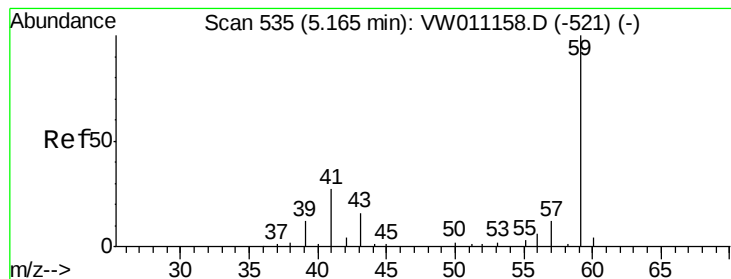


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



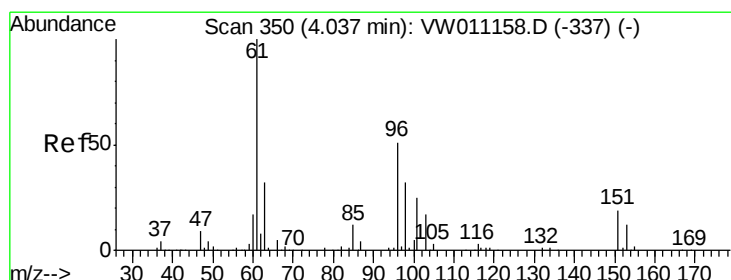
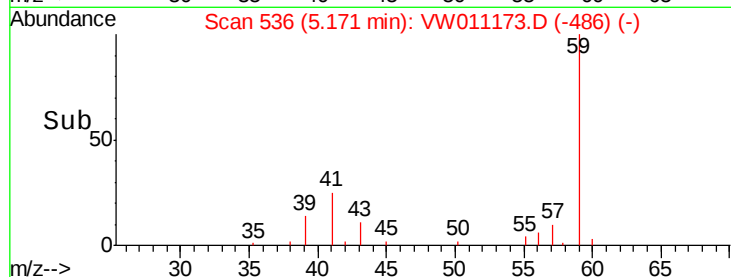
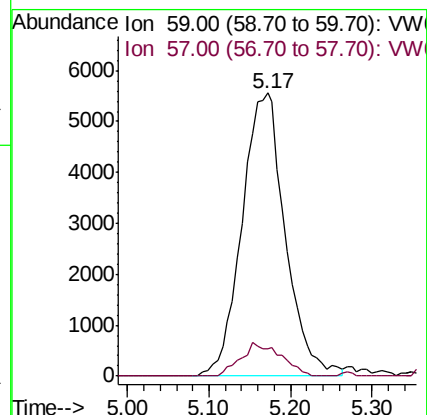
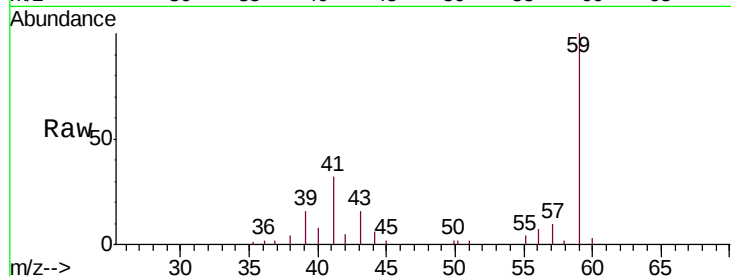


#11

Tert butyl alcohol
 Concen: 93.774 ug/l
 RT: 5.17 min Scan# 536
 Delta R.T. 0.01 min
 Lab File: VW011173.D
 Acq: 09 Jul 2019 12:32

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0709SBSD01

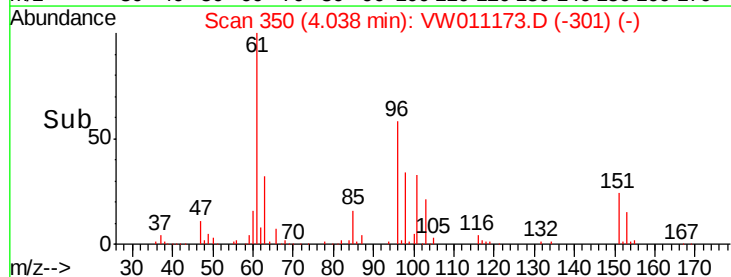
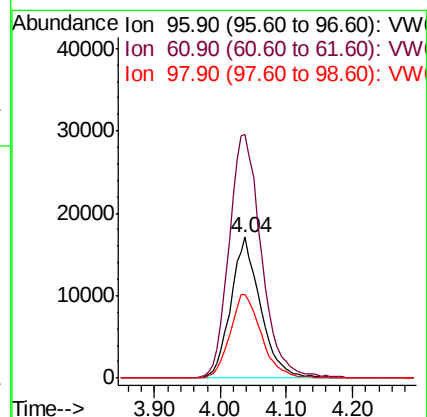
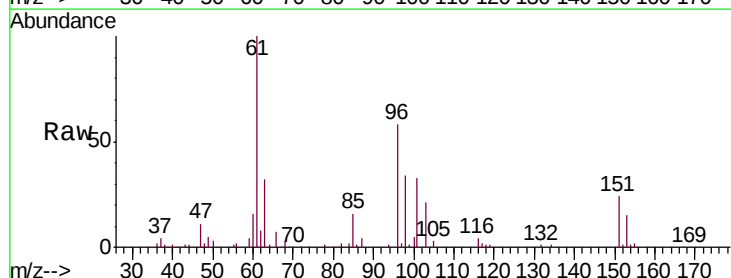
Tgt Ion: 59 Resp: 20495
 Ion Ratio Lower Upper
 59 100
 57 11.0 9.0 13.6

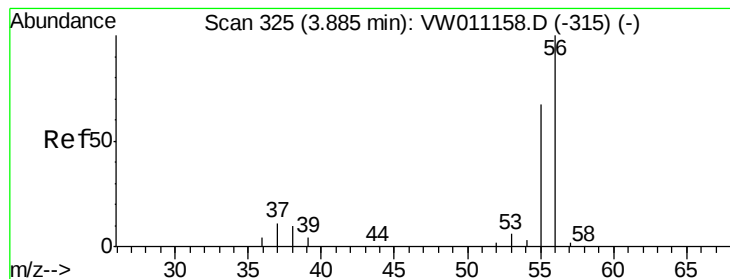


#12

1,1-Dichloroethene
 Concen: 20.393 ug/l
 RT: 4.04 min Scan# 350
 Delta R.T. 0.00 min
 Lab File: VW011173.D
 Acq: 09 Jul 2019 12:32

Tgt Ion: 96 Resp: 53224
 Ion Ratio Lower Upper
 96 100
 61 173.1 157.7 236.5
 98 59.3 50.9 76.3





#13

Acrolein

Concen: 87.396 ug/l

RT: 3.89 min Scan# 326

Delta R.T. 0.01 min

Lab File: VW011173.D

Acq: 09 Jul 2019 12:32

Instrument :

MSVOA_W

ClientSampleId :

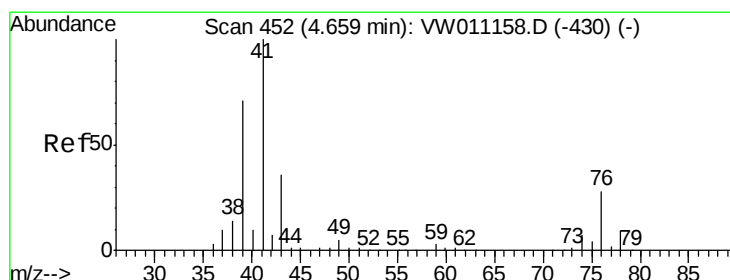
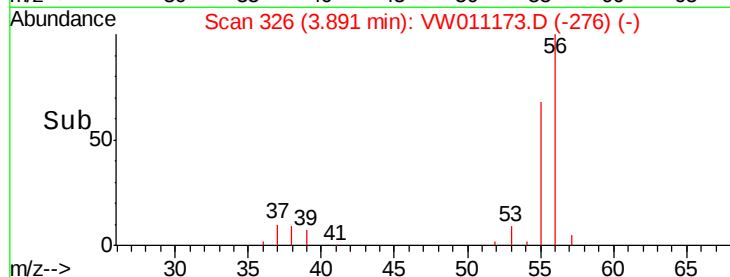
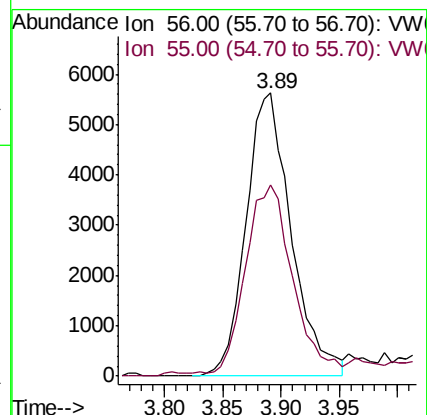
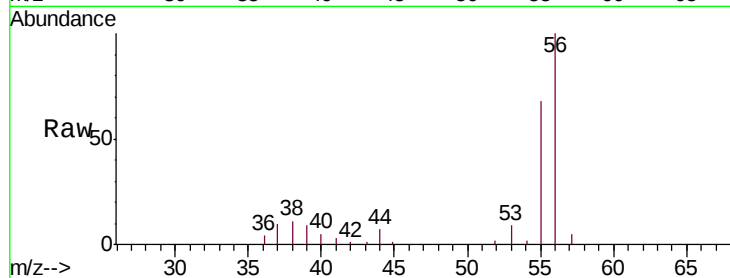
VW0709SBSD01

Tgt Ion: 56 Resp: 15210

Ion Ratio Lower Upper

56 100

55 68.4 56.4 84.6



#14

Allyl chloride

Concen: 19.271 ug/l

RT: 4.66 min Scan# 452

Delta R.T. 0.00 min

Lab File: VW011173.D

Acq: 09 Jul 2019 12:32

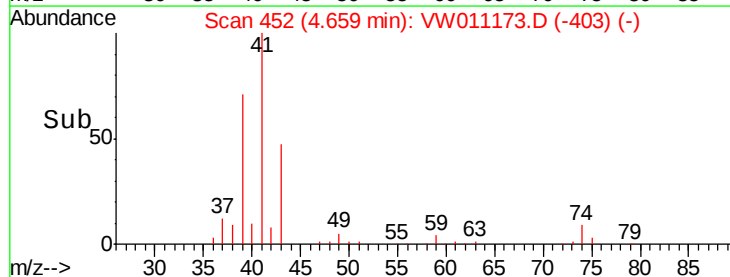
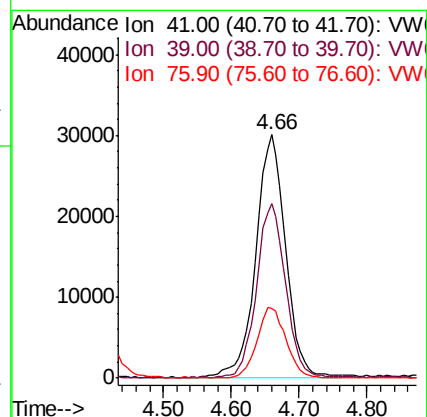
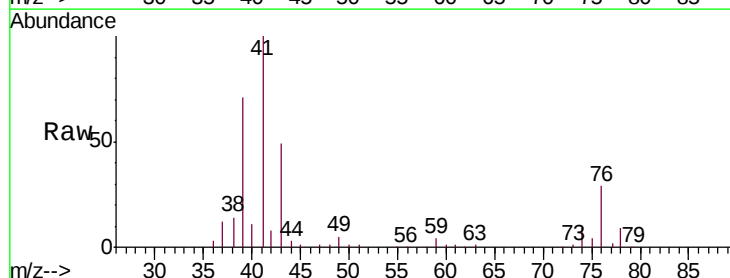
Tgt Ion: 41 Resp: 91716

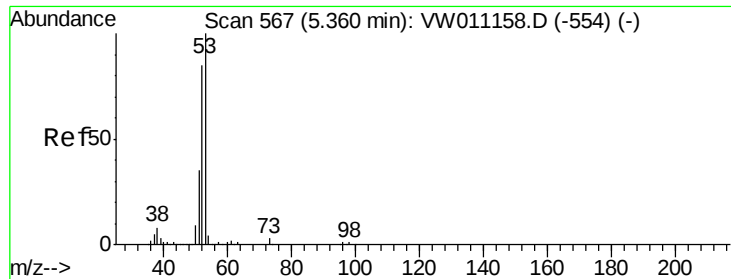
Ion Ratio Lower Upper

41 100

39 68.9 55.1 82.7

76 28.4 22.5 33.7





#15

Acrylonitrile

Concen: 95.966 ug/l

RT: 5.37 min Scan# 568

Delta R.T. 0.01 min

Lab File: VW011173.D

Acq: 09 Jul 2019 12:32

Instrument :

MSVOA_W

ClientSampleId :

VW0709SBSD01

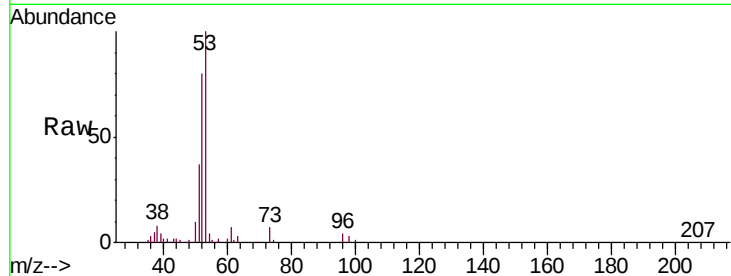
Tgt Ion: 53 Resp: 70992

Ion Ratio Lower Upper

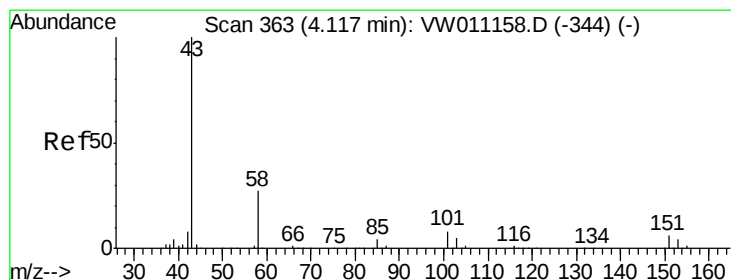
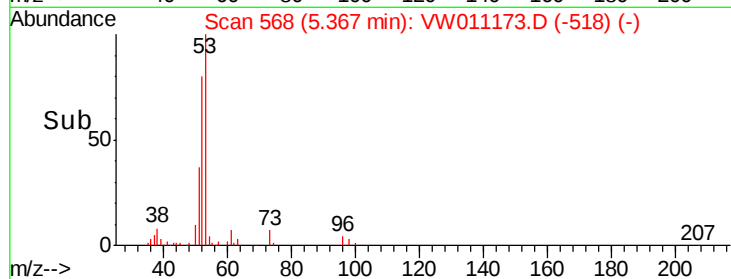
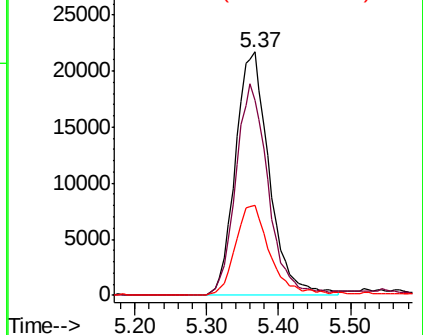
53 100

52 82.9 66.2 99.4

51 37.7 29.1 43.7



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: 96.316 ug/l

RT: 4.12 min Scan# 363

Delta R.T. 0.00 min

Lab File: VW011173.D

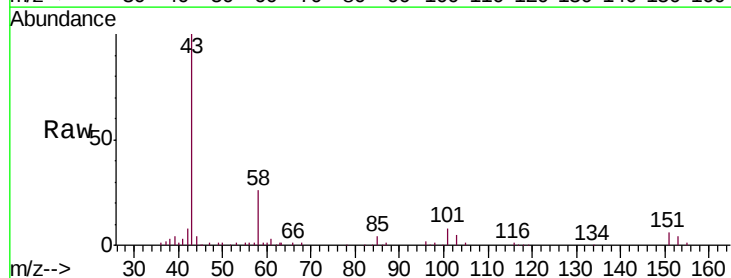
Acq: 09 Jul 2019 12:32

Tgt Ion: 43 Resp: 68412

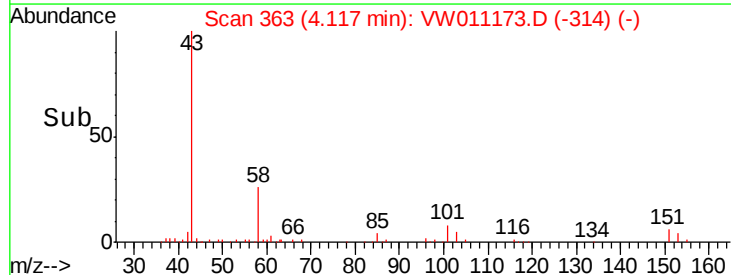
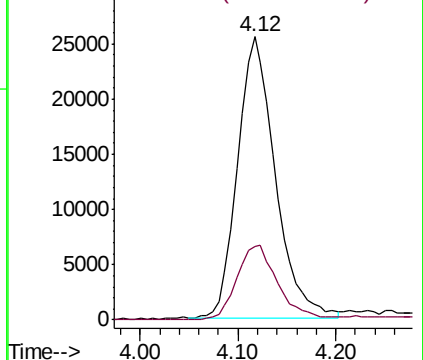
Ion Ratio Lower Upper

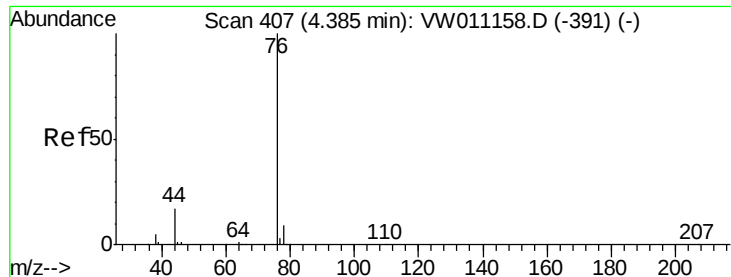
43 100

58 25.7 21.8 32.6



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





#17

Carbon Disulfide

Concen: 19.377 ug/l

RT: 4.38 min Scan# 406

Delta R.T. -0.01 min

Lab File: VW011173.D

Acq: 09 Jul 2019 12:32

Instrument :

MSVOA_W

ClientSampleId :

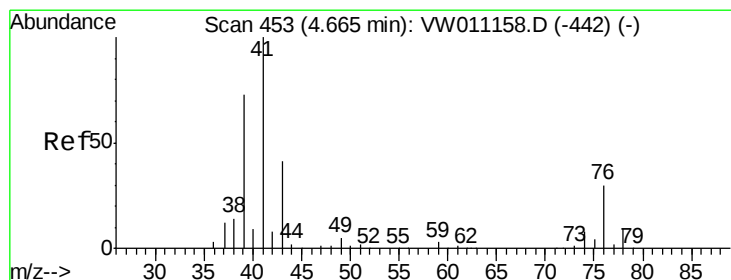
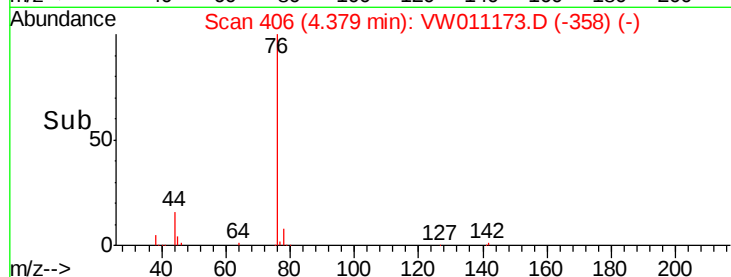
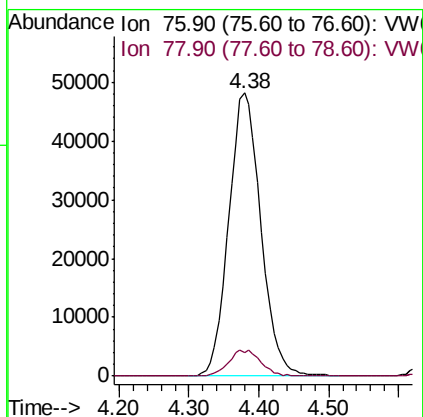
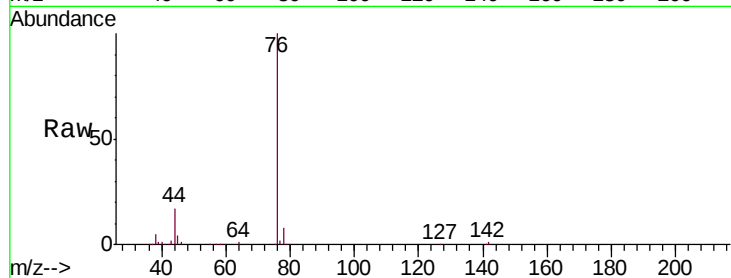
VW0709SBSD01

Tgt Ion: 76 Resp: 153320

Ion Ratio Lower Upper

76 100

78 8.4 7.1 10.7



#18

Methyl Acetate

Concen: 22.087 ug/l

RT: 4.67 min Scan# 453

Delta R.T. 0.00 min

Lab File: VW011173.D

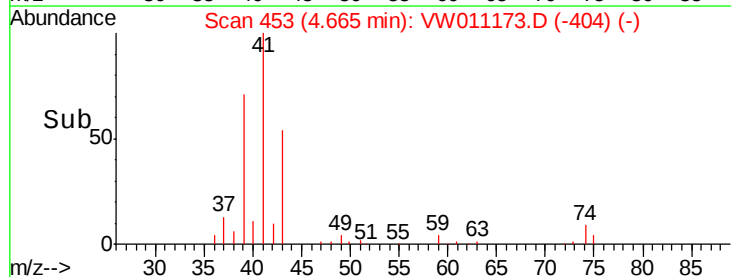
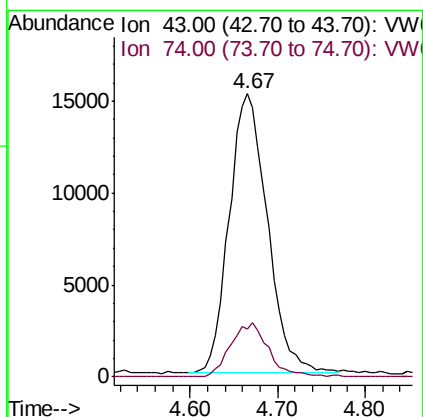
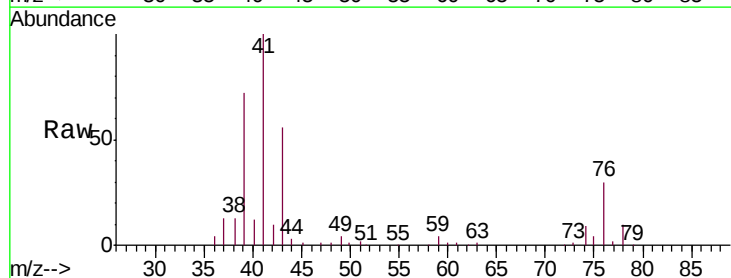
Acq: 09 Jul 2019 12:32

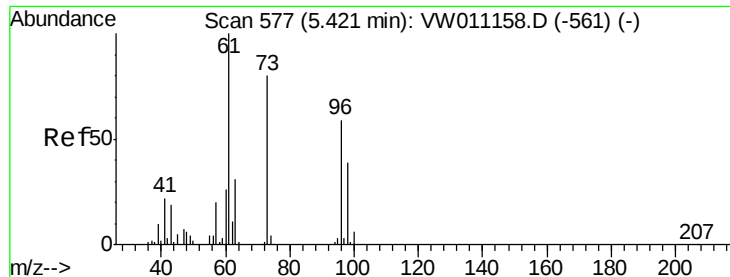
Tgt Ion: 43 Resp: 46206

Ion Ratio Lower Upper

43 100

74 19.0 15.7 23.5

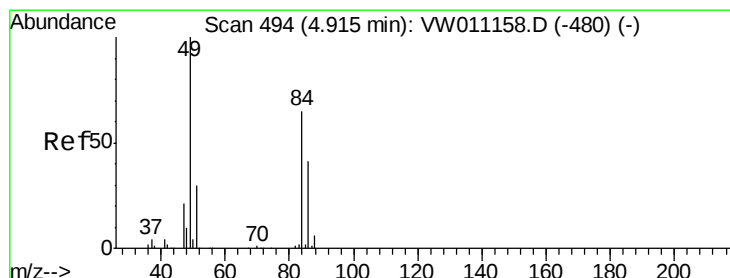
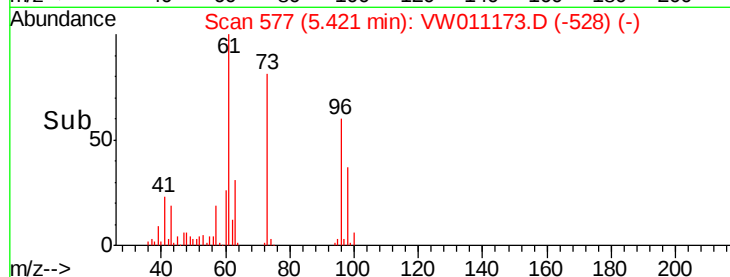
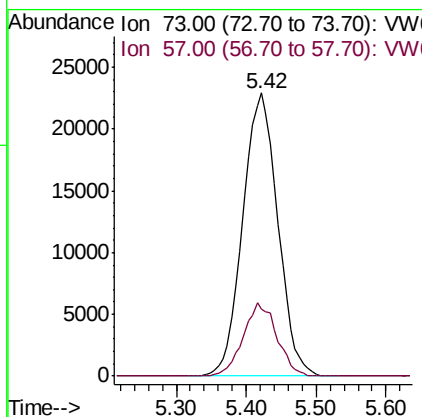
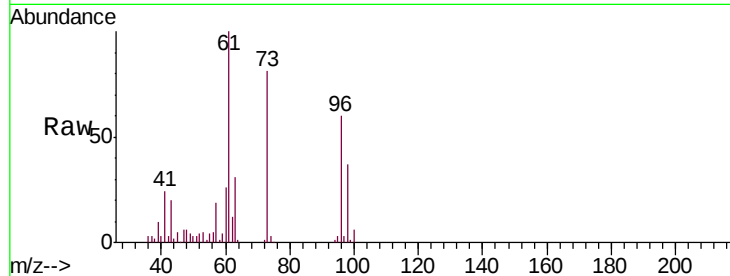




#19
Methyl tert-butyl Ether
Concen: 20.184 ug/l
RT: 5.42 min Scan# 577
Delta R.T. 0.00 min
Lab File: VW011173.D
Acq: 09 Jul 2019 12:32

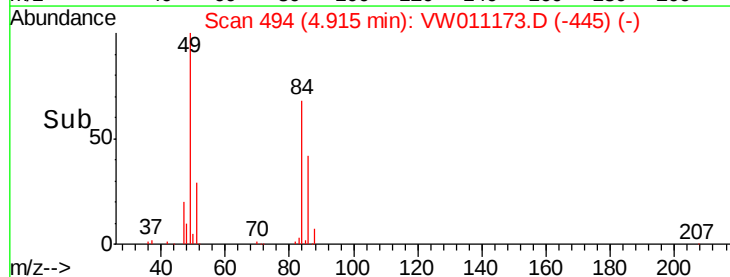
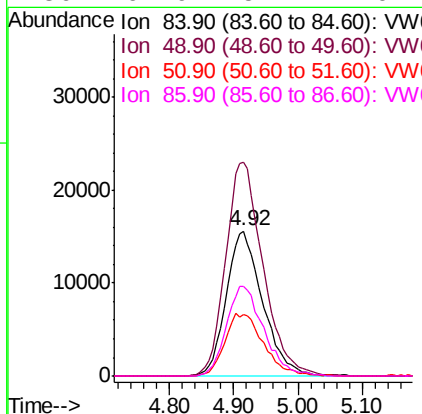
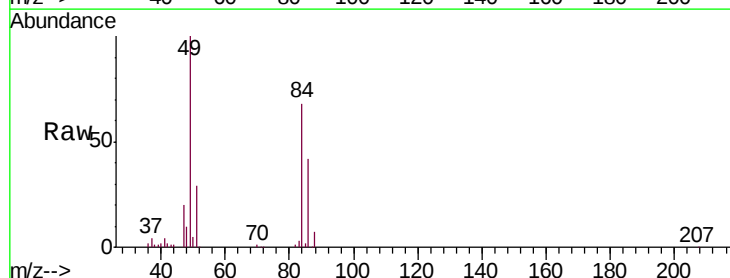
Instrument :
MSVOA_W
ClientSampleId :
VW0709SBSD01

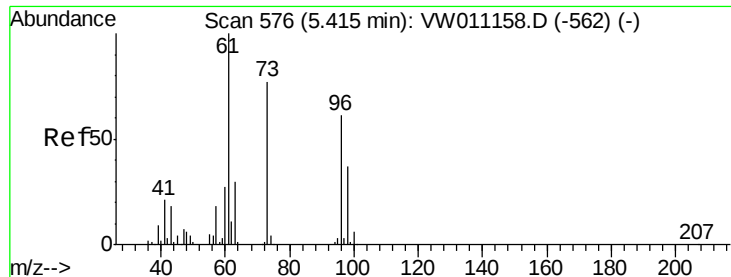
Tgt Ion: 73 Resp: 79931
Ion Ratio Lower Upper
73 100
57 23.6 19.7 29.5



#20
Methylene Chloride
Concen: 21.908 ug/l
RT: 4.92 min Scan# 494
Delta R.T. 0.00 min
Lab File: VW011173.D
Acq: 09 Jul 2019 12:32

Tgt Ion: 84 Resp: 61388
Ion Ratio Lower Upper
84 100
49 147.1 123.8 185.6
51 42.9 37.4 56.2
86 61.9 51.1 76.7





#21

trans-1,2-Dichloroethene

Concen: 19.933 ug/l

RT: 5.42 min Scan# 576

Delta R.T. 0.00 min

Lab File: VW011173.D

Acq: 09 Jul 2019 12:32

Instrument :

MSVOA_W

ClientSampleId :

VW0709SBSD01

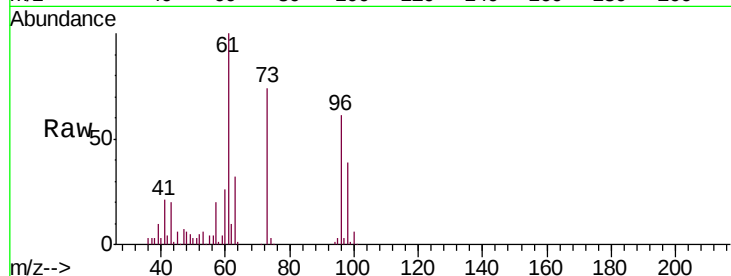
Tgt Ion: 96 Resp: 54055

Ion Ratio Lower Upper

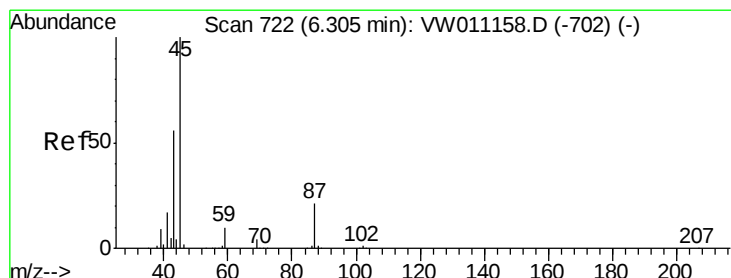
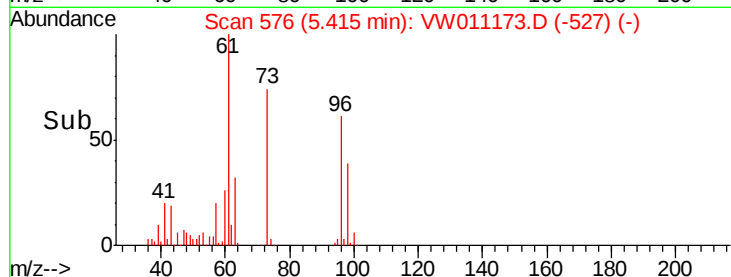
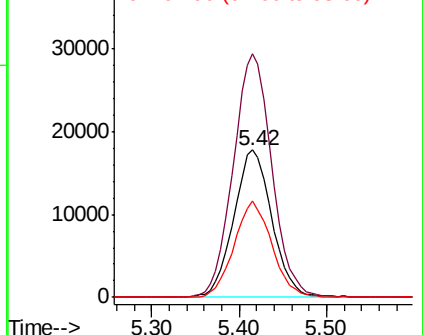
96 100

61 164.7 132.2 198.2

98 65.1 49.4 74.0



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



#22

Diisopropyl ether

Concen: 20.474 ug/l

RT: 6.31 min Scan# 722

Delta R.T. 0.00 min

Lab File: VW011173.D

Acq: 09 Jul 2019 12:32

Tgt Ion: 45 Resp: 209572

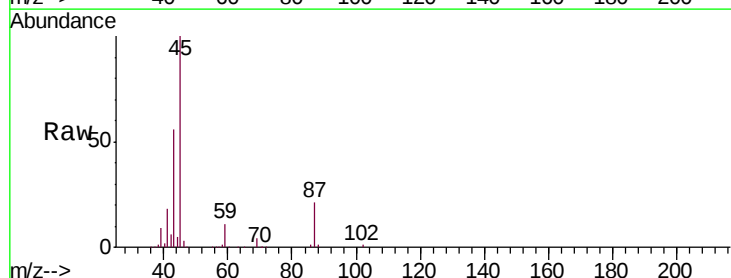
Ion Ratio Lower Upper

45 100

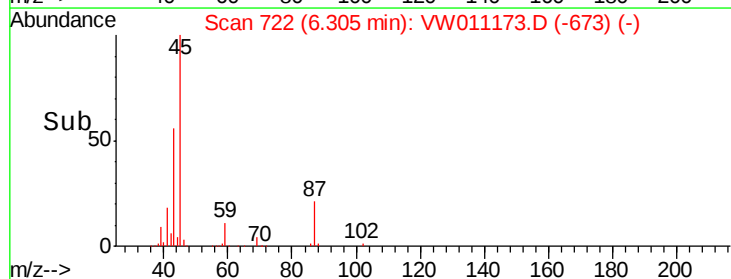
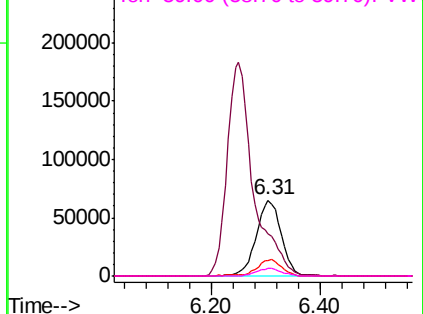
43 55.7 44.6 66.8

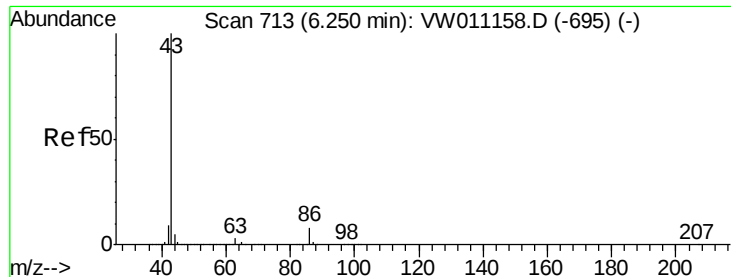
87 20.8 17.3 25.9

59 10.8 8.2 12.2



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





#23

Vinyl Acetate

Concen: 97.187 ug/l

RT: 6.25 min Scan# 713

Delta R.T. 0.00 min

Lab File: VW011173.D

Acq: 09 Jul 2019 12:32

Instrument :

MSVOA_W

ClientSampleId :

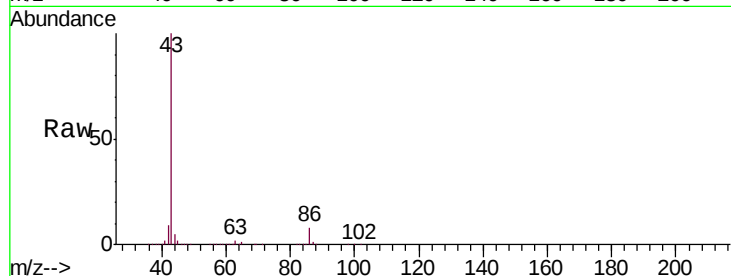
VW0709SBSD01

Tgt Ion: 43 Resp: 615668

Ion Ratio Lower Upper

43 100

86 8.2 6.5 9.7



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 86.00 (85.70 to 86.70): VW

6.25

200000

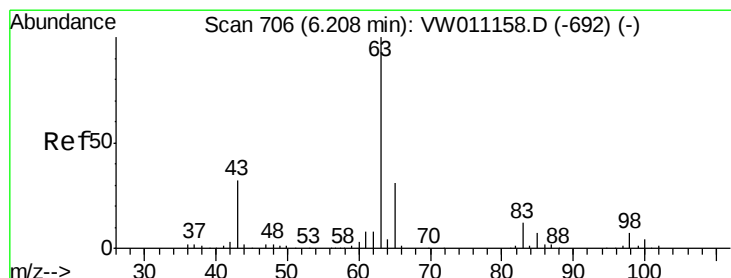
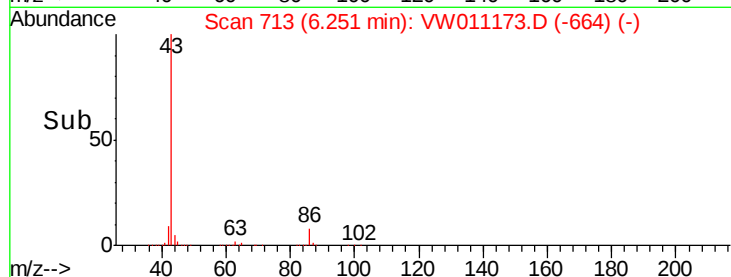
150000

100000

50000

0

Time-->



#24

1,1-Dichloroethane

Concen: 20.527 ug/l

RT: 6.21 min Scan# 706

Delta R.T. 0.00 min

Lab File: VW011173.D

Acq: 09 Jul 2019 12:32

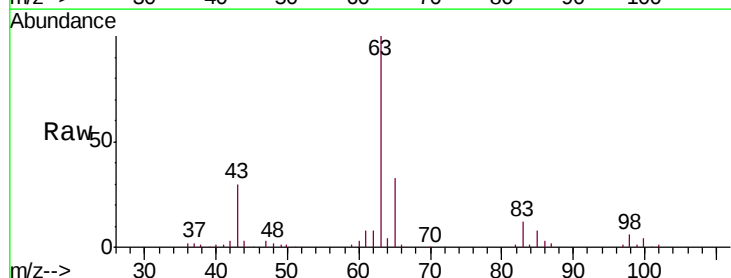
Tgt Ion: 63 Resp: 110334

Ion Ratio Lower Upper

63 100

98 6.2 3.3 9.9

100 3.8 2.1 6.2



Abundance Ion 62.90 (62.60 to 63.60): VW

Ion 97.90 (97.60 to 98.60): VW

Ion 99.90 (99.60 to 100.60): VW

6.21

50000

40000

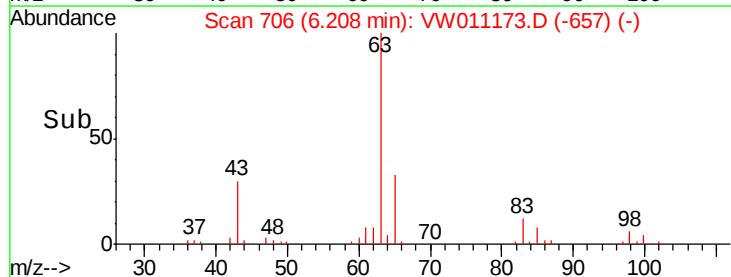
30000

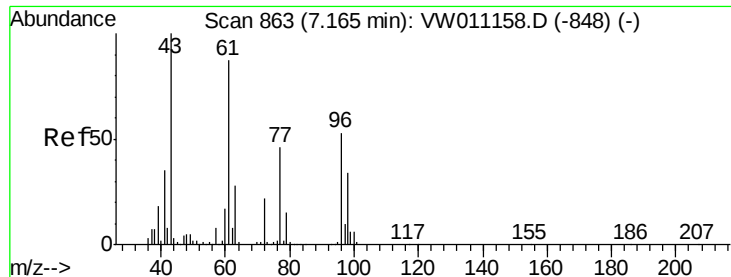
20000

10000

0

Time-->





#25

2-Butanone

Concen: 97.284 ug/l

RT: 7.17 min Scan# 863

Delta R.T. 0.00 min

Lab File: VW011173.D

Acq: 09 Jul 2019 12:32

Instrument :

MSVOA_W

ClientSampleId :

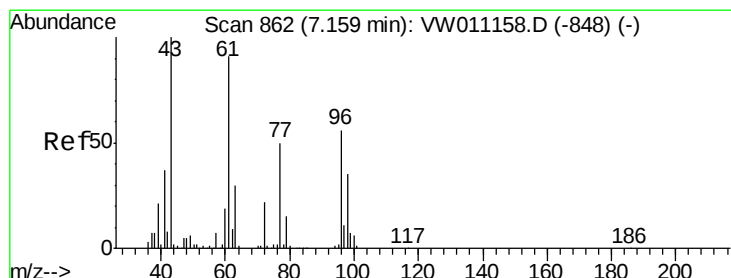
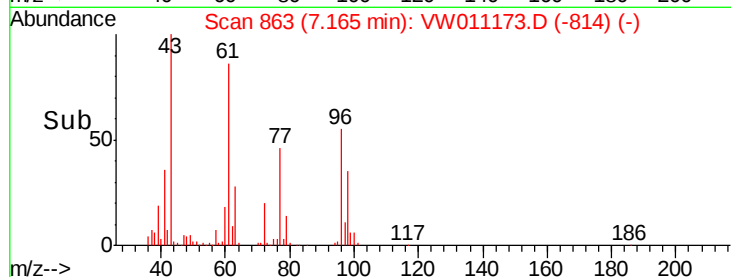
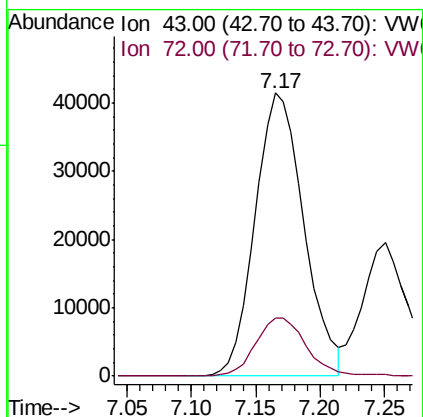
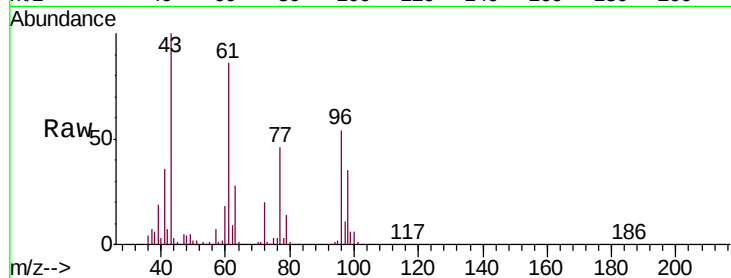
VW0709SBSD01

Tgt Ion: 43 Resp: 108468

Ion Ratio Lower Upper

43 100

72 20.4 17.6 26.4



#26

2,2-Dichloropropane

Concen: 20.406 ug/l

RT: 7.16 min Scan# 862

Delta R.T. 0.00 min

Lab File: VW011173.D

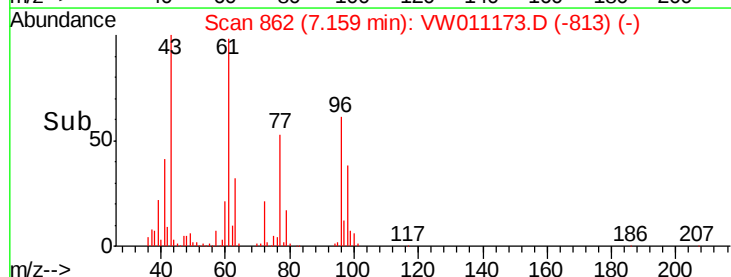
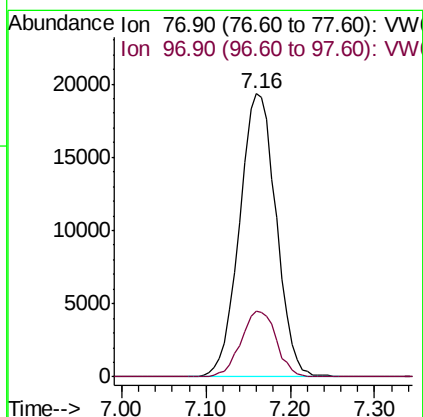
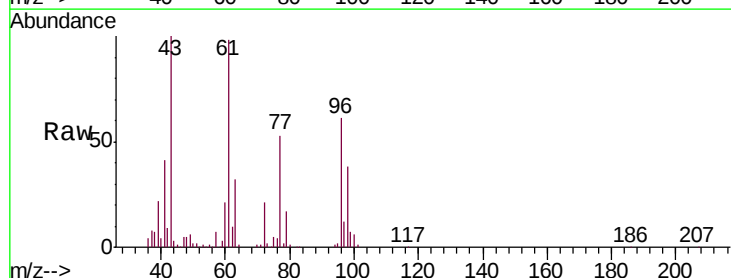
Acq: 09 Jul 2019 12:32

Tgt Ion: 77 Resp: 57015

Ion Ratio Lower Upper

77 100

97 22.3 11.2 33.5



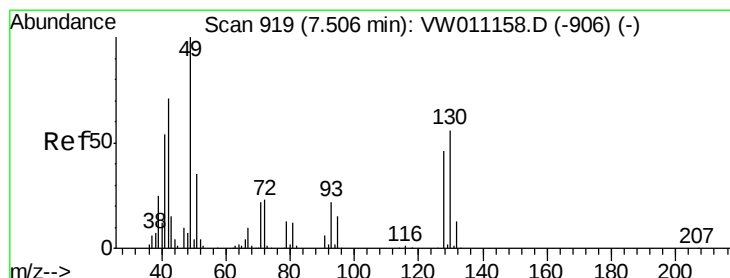
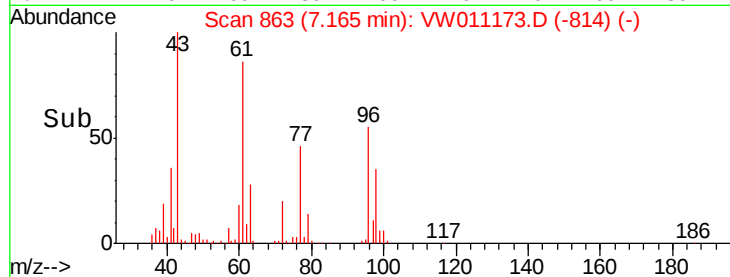
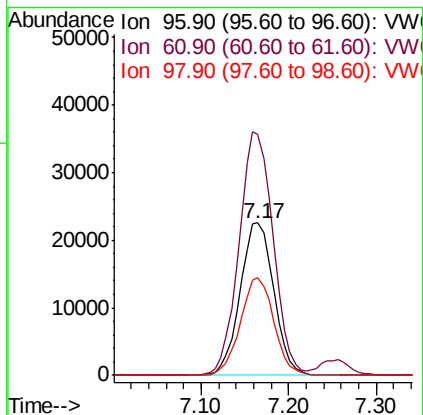
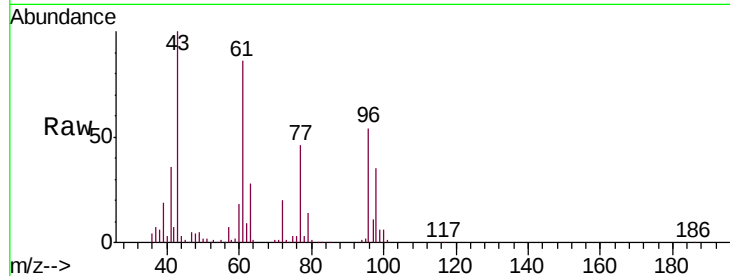


#27

cis-1,2-Dichloroethene
Concen: 20.596 ug/l
RT: 7.17 min Scan# 863
Delta R.T. 0.00 min
Lab File: VW011173.D
Acq: 09 Jul 2019 12:32

Instrument :
MSVOA_W
ClientSampleId :
VW0709SBSD01

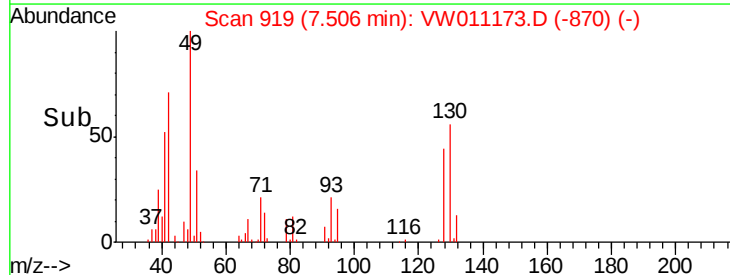
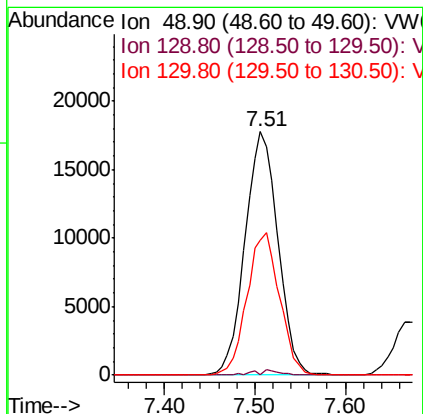
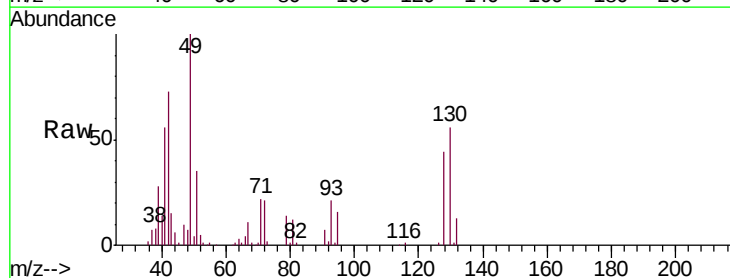
Tgt Ion: 96 Resp: 60252
Ion Ratio Lower Upper
96 100
61 161.8 0.0 325.6
98 63.6 0.0 128.2

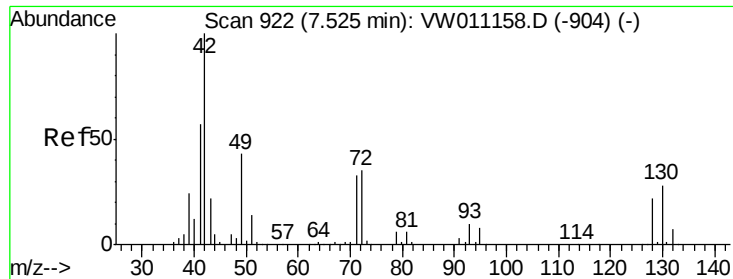


#28

Bromochloromethane
Concen: 18.271 ug/l
RT: 7.51 min Scan# 919
Delta R.T. 0.00 min
Lab File: VW011173.D
Acq: 09 Jul 2019 12:32

Tgt Ion: 49 Resp: 44655
Ion Ratio Lower Upper
49 100
129 0.9 0.0 1.4
130 57.7 45.8 68.8

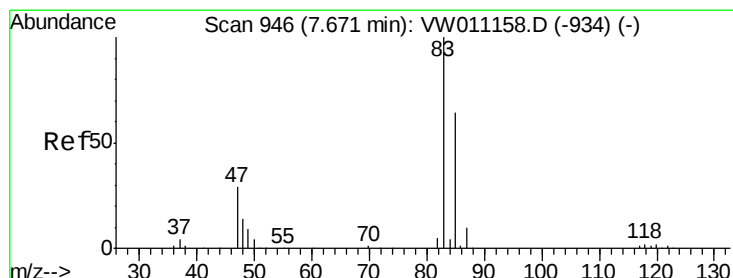
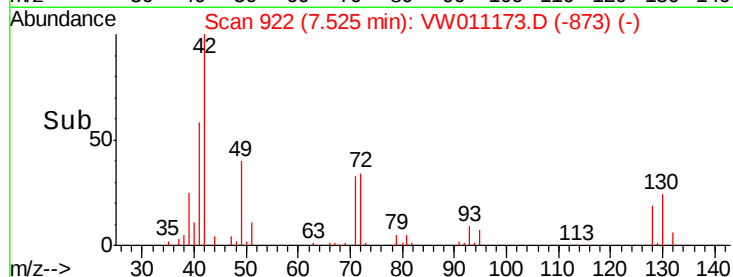
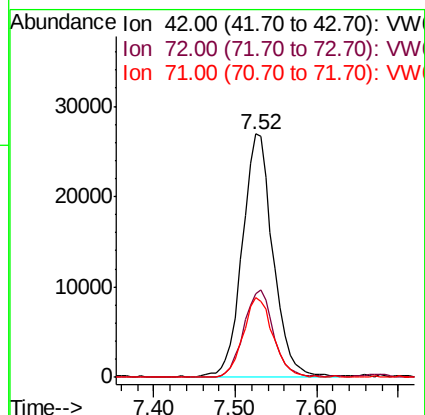
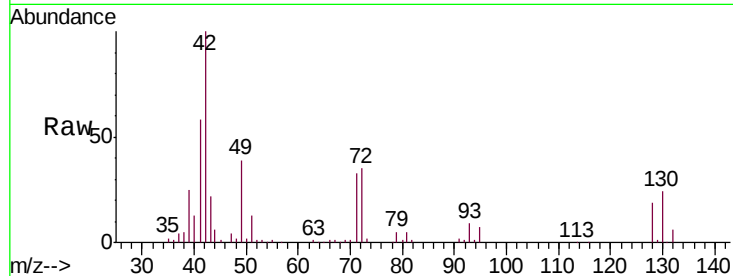




#29
Tetrahydrofuran
Concen: 95.256 ug/l
RT: 7.52 min Scan# 922
Delta R.T. 0.00 min
Lab File: VW011173.D
Acq: 09 Jul 2019 12:32

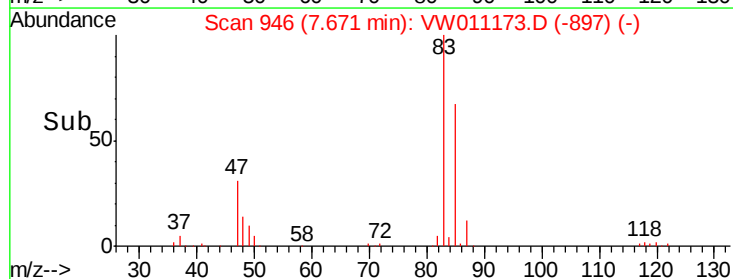
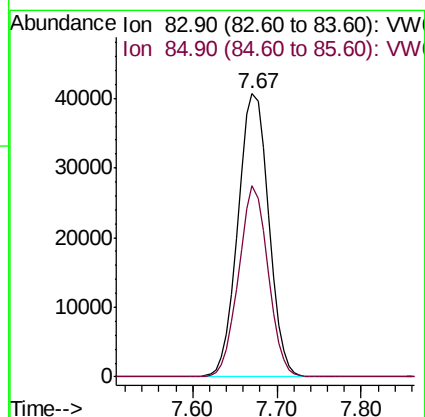
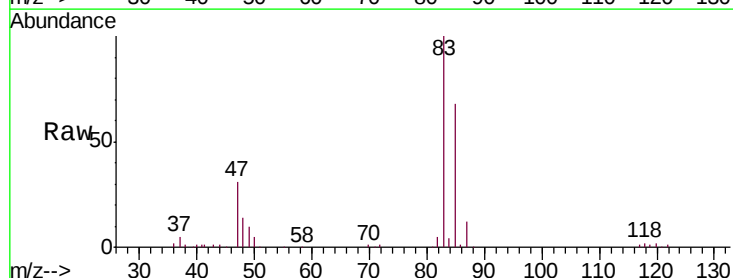
Instrument :
MSVOA_W
ClientSampled :
VW0709SBS01

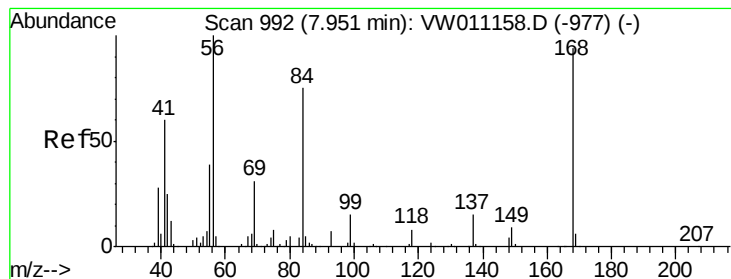
Tgt Ion: 42 Resp: 69641
Ion Ratio Lower Upper
42 100
72 35.3 27.4 41.2
71 32.4 25.9 38.9



#30
Chloroform
Concen: 20.153 ug/l
RT: 7.67 min Scan# 946
Delta R.T. 0.00 min
Lab File: VW011173.D
Acq: 09 Jul 2019 12:32

Tgt Ion: 83 Resp: 100320
Ion Ratio Lower Upper
83 100
85 67.7 51.4 77.2





#31

Cyclohexane

Concen: 20.283 ug/l

RT: 7.95 min Scan# 992

Delta R.T. 0.00 min

Lab File: VW011173.D

Acq: 09 Jul 2019 12:32

Instrument :

MSVOA_W

ClientSampleId :

VW0709SBSD01

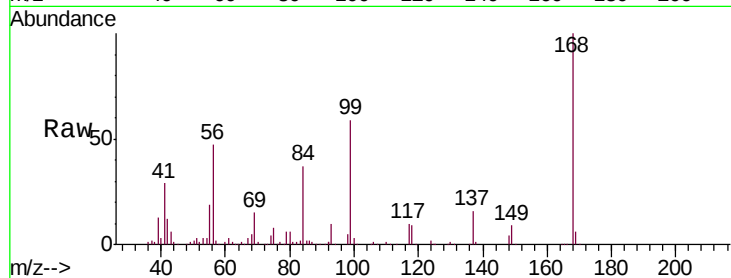
Tgt Ion: 56 Resp: 115984

Ion Ratio Lower Upper

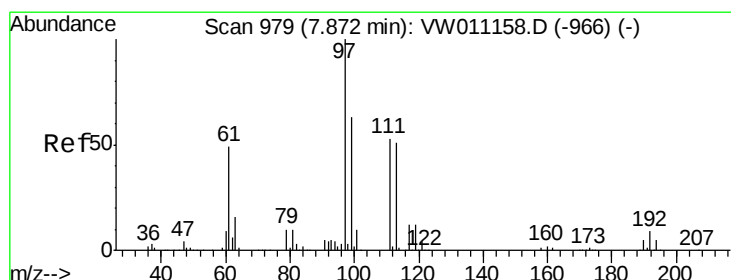
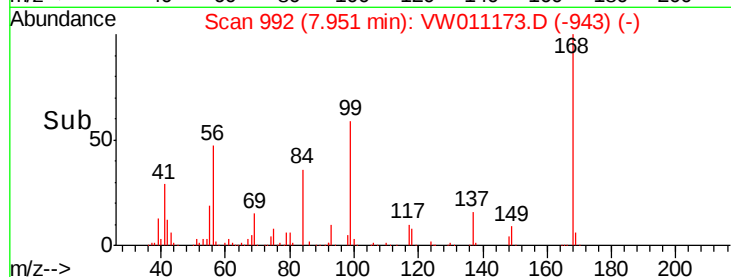
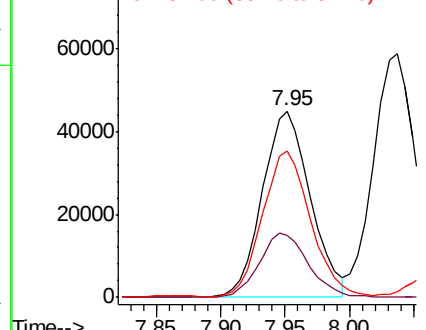
56 100

69 32.8 24.6 36.8

84 78.2 60.1 90.1



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: 20.244 ug/l

RT: 7.87 min Scan# 978

Delta R.T. -0.01 min

Lab File: VW011173.D

Acq: 09 Jul 2019 12:32

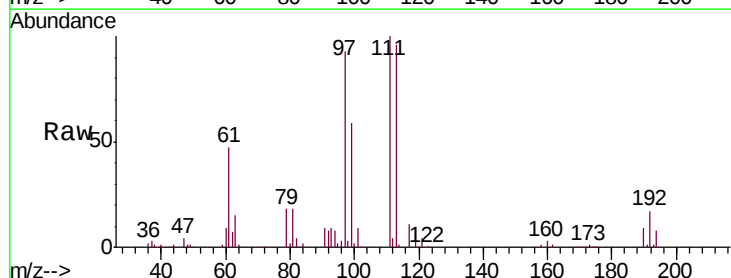
Tgt Ion: 97 Resp: 76656

Ion Ratio Lower Upper

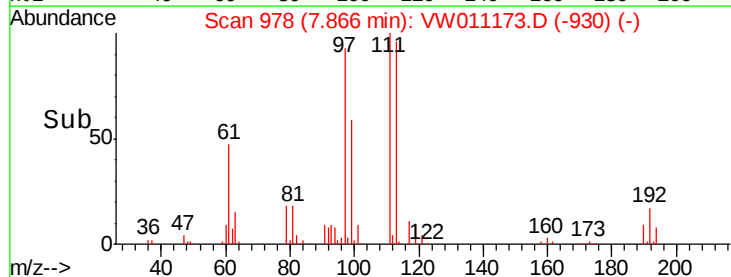
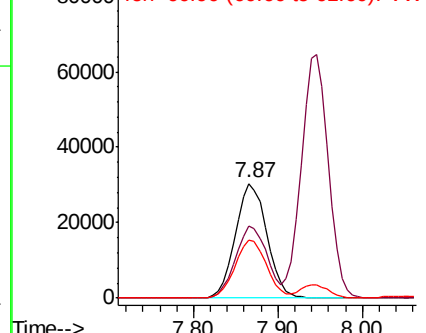
97 100

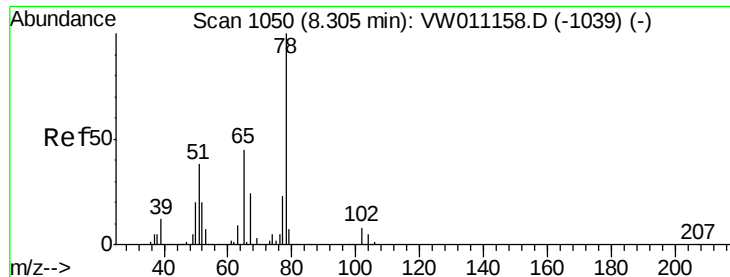
99 63.0 51.0 76.4

61 50.5 40.4 60.6



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

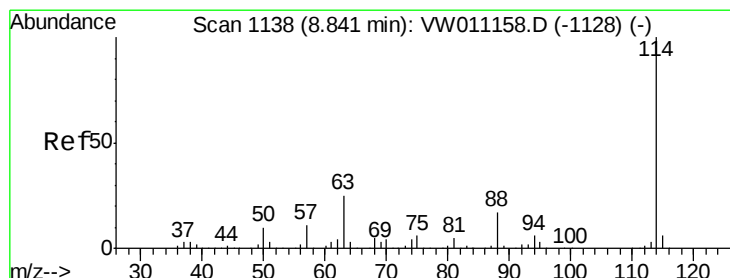
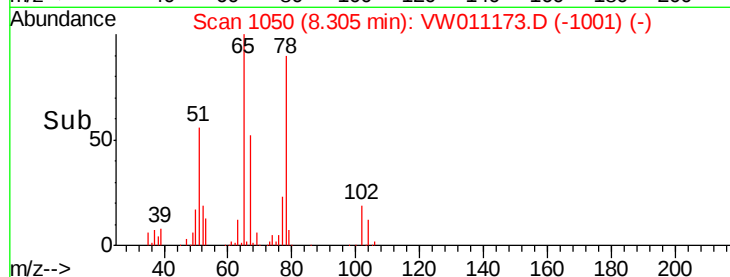
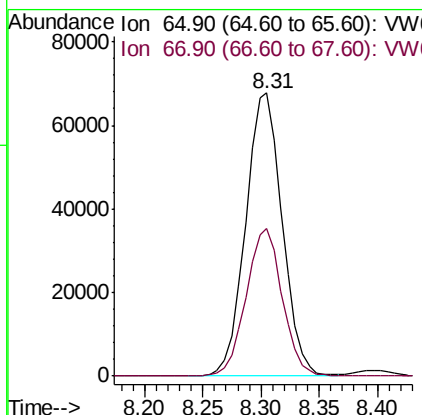
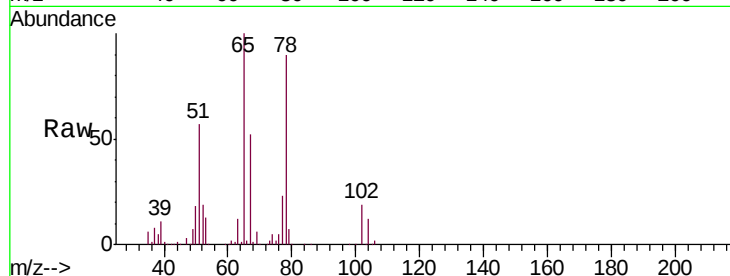




#33
 1,2-Dichloroethane-d4
 Concen: 50.256 ug/l
 RT: 8.31 min Scan# 1050
 Delta R.T. 0.00 min
 Lab File: VW011173.D
 Acq: 09 Jul 2019 12:32

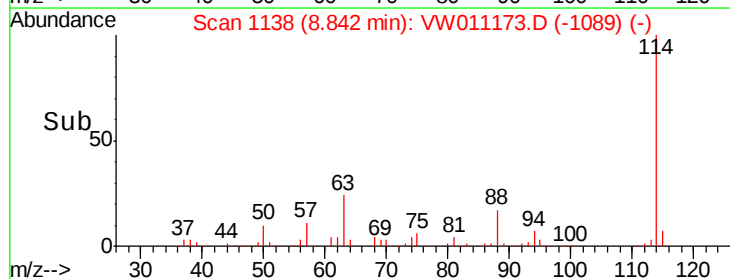
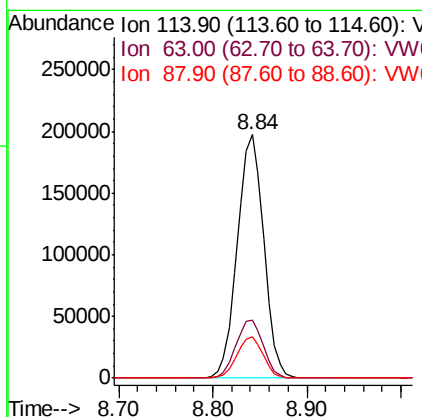
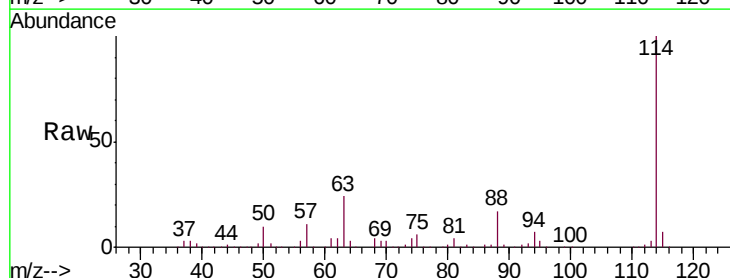
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0709SBSD01

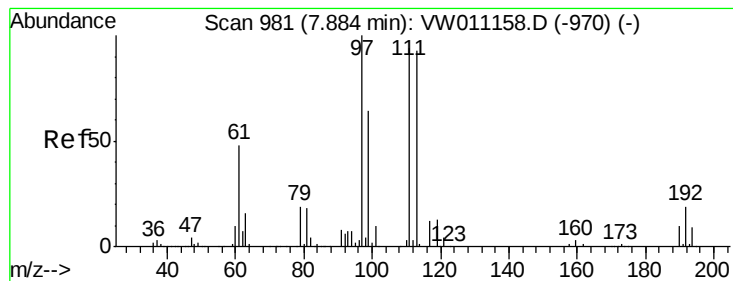
Tgt Ion: 65 Resp: 148357
 Ion Ratio Lower Upper
 65 100
 67 51.6 0.0 104.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. 0.00 min
 Lab File: VW011173.D
 Acq: 09 Jul 2019 12:32

Tgt Ion: 114 Resp: 386349
 Ion Ratio Lower Upper
 114 100
 63 23.8 0.0 50.8
 88 16.9 0.0 34.2





#35

Dibromofluoromethane

Concen: 50.714 ug/l

RT: 7.88 min Scan# 981

Delta R.T. 0.00 min

Lab File: VW011173.D

Acq: 09 Jul 2019 12:32

Instrument :

MSVOA_W

ClientSampleId :

VW0709SBSD01

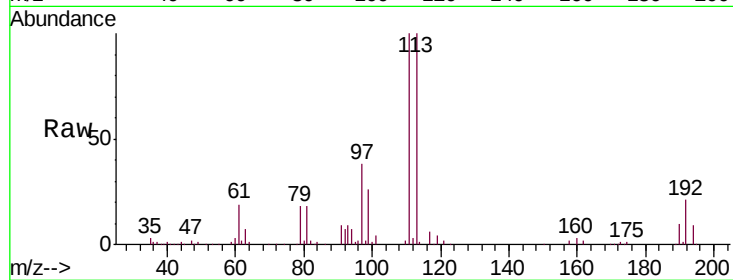
Tgt Ion: 113 Resp: 116785

Ion Ratio Lower Upper

113 100

111 103.5 82.4 123.6

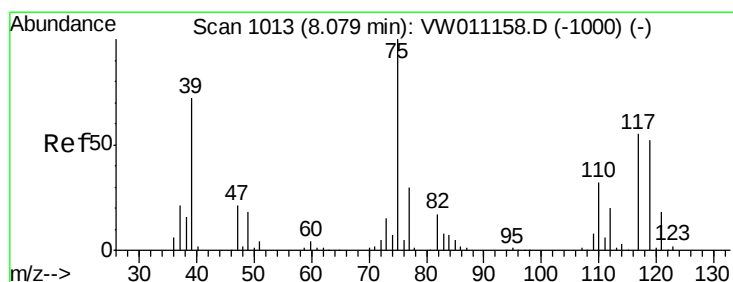
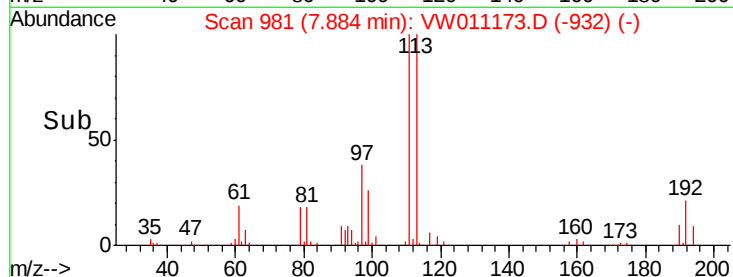
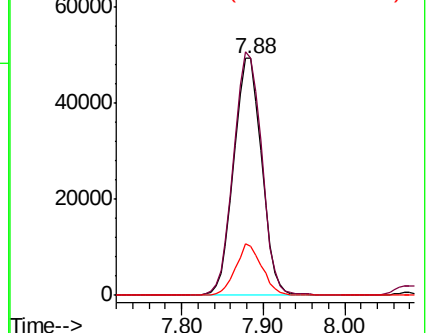
192 20.3 15.8 23.8



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: 20.521 ug/l

RT: 8.08 min Scan# 1013

Delta R.T. 0.00 min

Lab File: VW011173.D

Acq: 09 Jul 2019 12:32

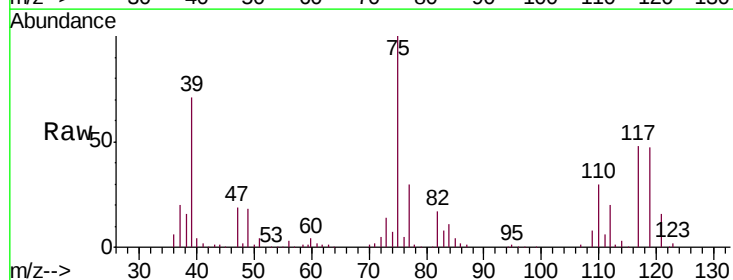
Tgt Ion: 75 Resp: 84429

Ion Ratio Lower Upper

75 100

110 31.4 15.9 47.6

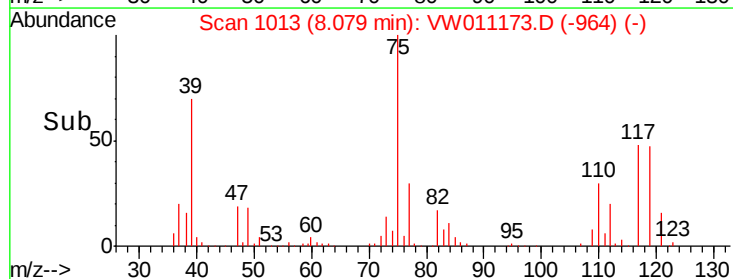
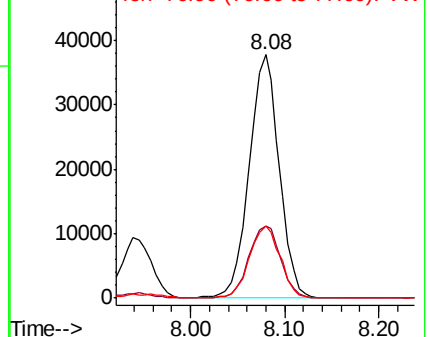
77 30.8 24.6 36.8

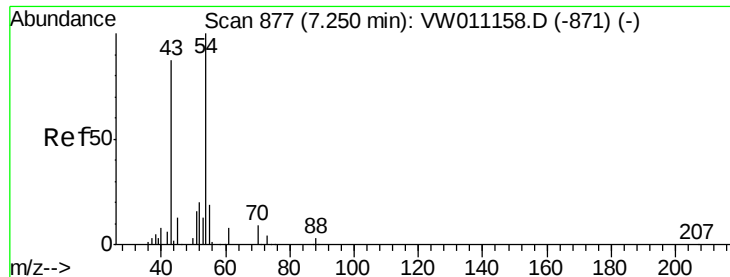


Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VW

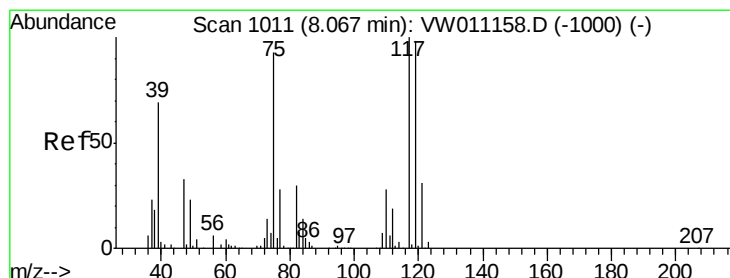
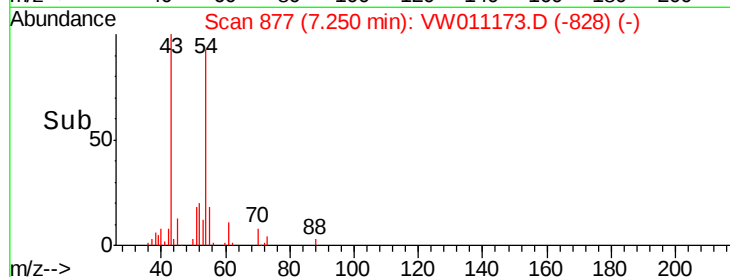
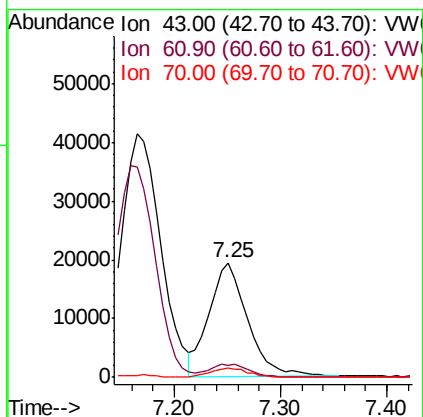
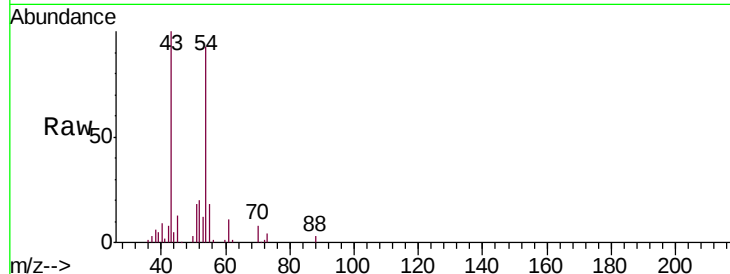




#37
Ethyl Acetate
Concen: 19.480 ug/l
RT: 7.25 min Scan# 877
Delta R.T. 0.00 min
Lab File: VW011173.D
Acq: 09 Jul 2019 12:32

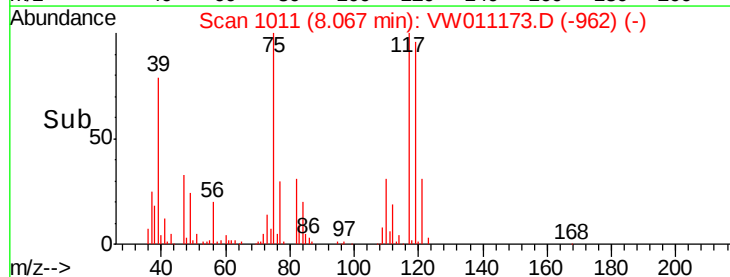
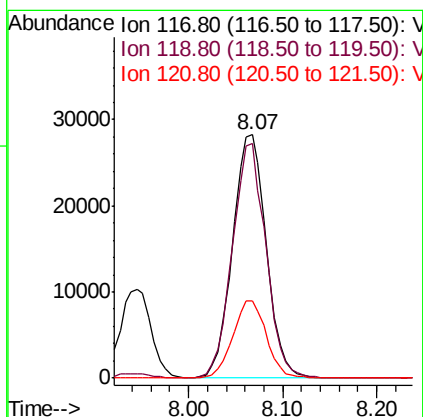
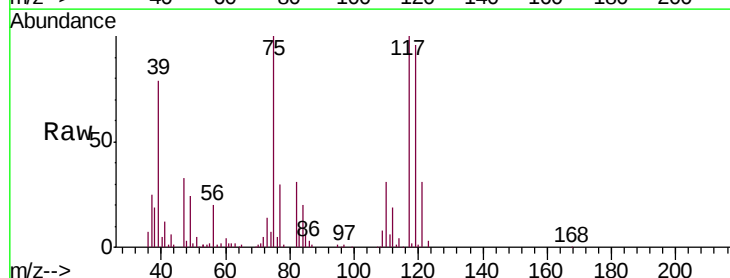
Instrument :
MSVOA_W
ClientSampleId :
VW0709SBSD01

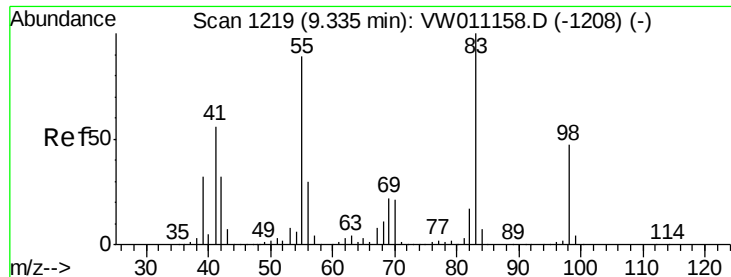
Tgt Ion: 43 Resp: 48154
Ion Ratio Lower Upper
43 100
61 11.6 9.5 14.3
70 8.5 7.1 10.7



#38
Carbon Tetrachloride
Concen: 20.225 ug/l
RT: 8.07 min Scan# 1011
Delta R.T. 0.00 min
Lab File: VW011173.D
Acq: 09 Jul 2019 12:32

Tgt Ion: 117 Resp: 70539
Ion Ratio Lower Upper
117 100
119 96.5 78.1 117.1
121 31.6 25.1 37.7

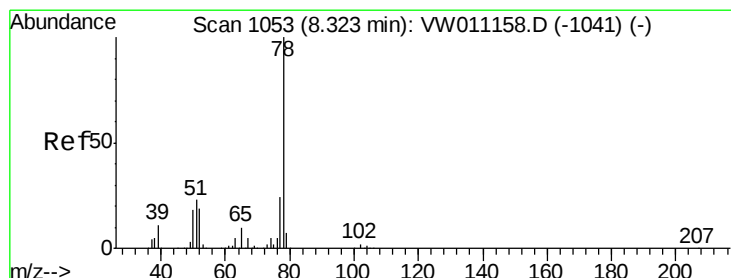
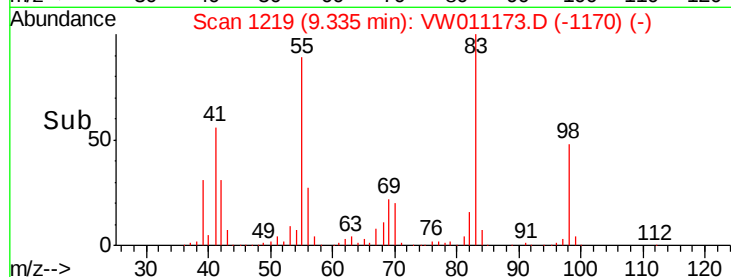
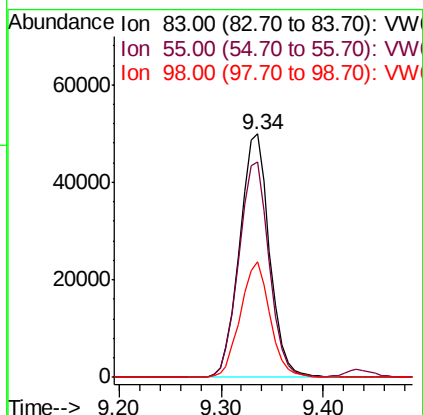
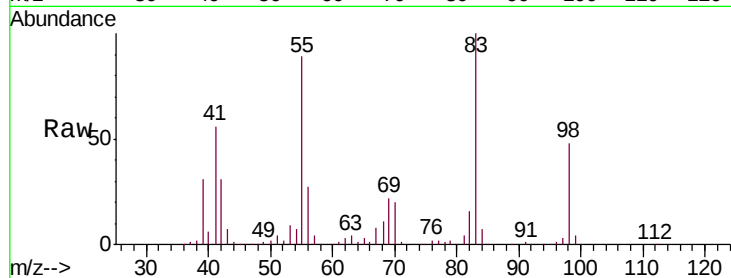




#39
Methylcyclohexane
Concen: 20.415 ug/l
RT: 9.34 min Scan# 1219
Delta R.T. 0.00 min
Lab File: VW011173.D
Acq: 09 Jul 2019 12:32

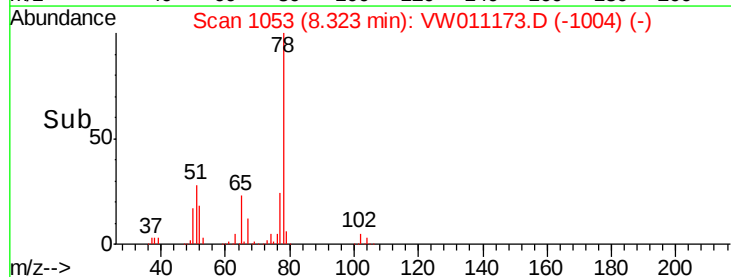
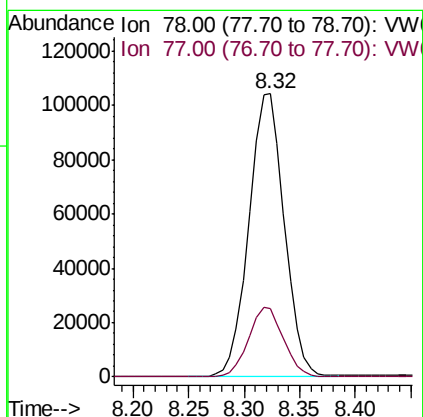
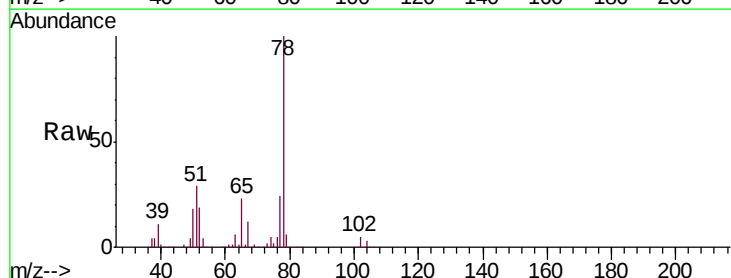
Instrument :
MSVOA_W
ClientSampleId :
VW0709SBSD01

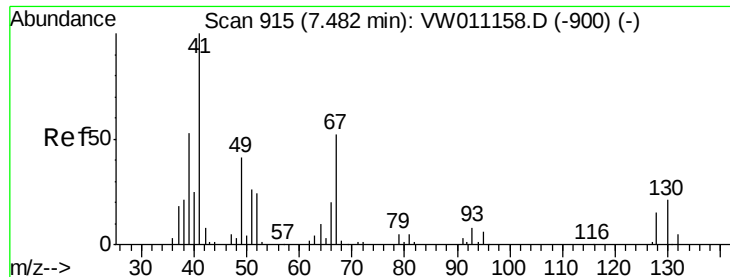
Tgt Ion: 83 Resp: 101801
Ion Ratio Lower Upper
83 100
55 88.6 71.2 106.8
98 47.7 37.5 56.3



#40
Benzene
Concen: 20.350 ug/l
RT: 8.32 min Scan# 1053
Delta R.T. 0.00 min
Lab File: VW011173.D
Acq: 09 Jul 2019 12:32

Tgt Ion: 78 Resp: 231385
Ion Ratio Lower Upper
78 100
77 23.9 19.0 28.6





#41

Methacrylonitrile

Concen: 20.657 ug/l

RT: 7.48 min Scan# 915

Delta R.T. 0.00 min

Lab File: VW011173.D

Acq: 09 Jul 2019 12:32

Instrument :

MSVOA_W

ClientSampleId :

VW0709SBSD01

Tgt Ion: 41 Resp: 29205

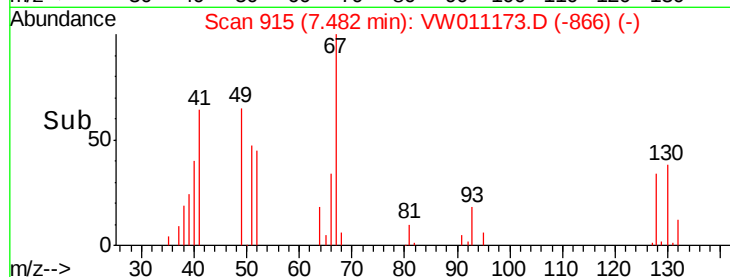
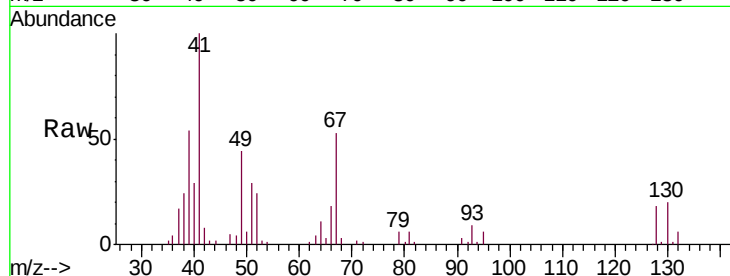
Ion Ratio Lower Upper

41 100

39 46.6 48.0 72.0#

67 57.6 49.7 74.5

52 25.8 23.4 35.0

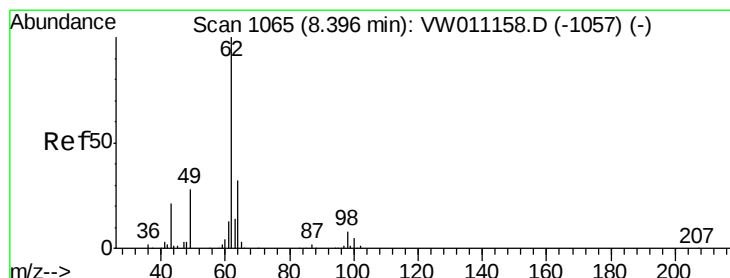
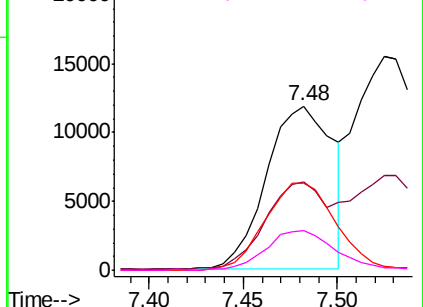


Abundance Ion 41.00 (40.70 to 41.70): VW

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: 20.287 ug/l

RT: 8.40 min Scan# 1065

Delta R.T. 0.00 min

Lab File: VW011173.D

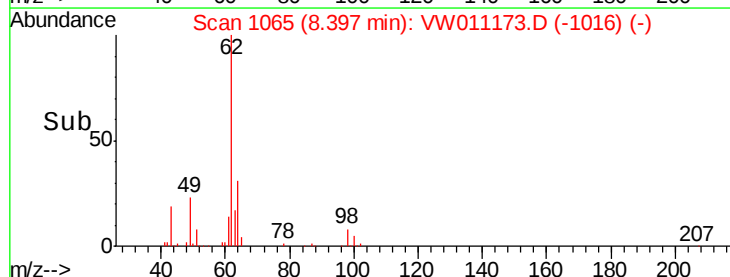
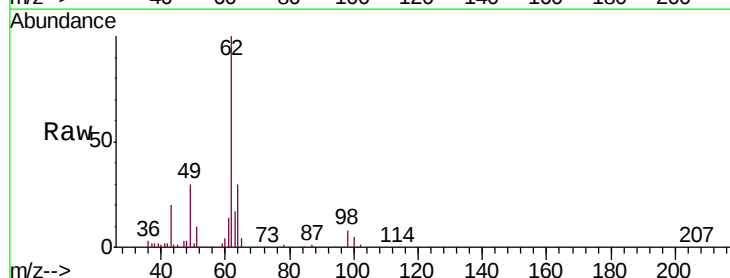
Acq: 09 Jul 2019 12:32

Tgt Ion: 62 Resp: 74827

Ion Ratio Lower Upper

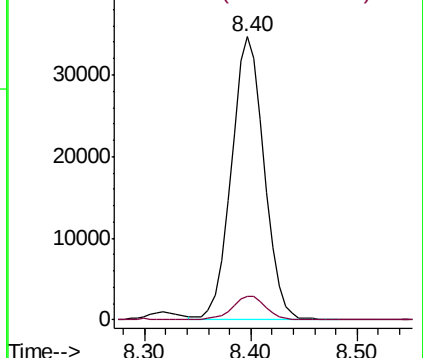
62 100

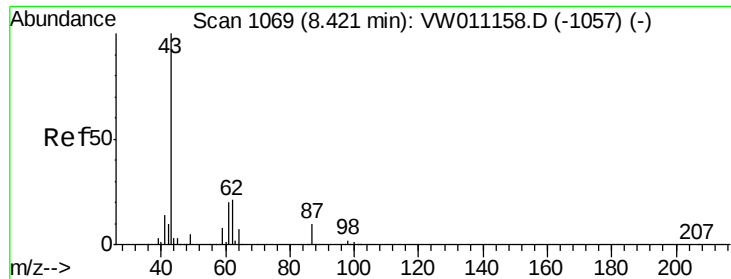
98 8.6 0.0 16.8



Abundance Ion 61.90 (61.60 to 62.60): VW

Ion 97.90 (97.60 to 98.60): VW

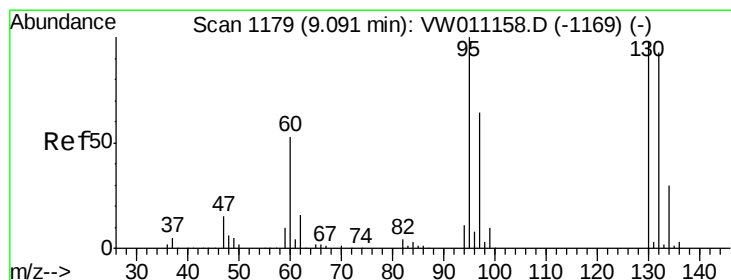
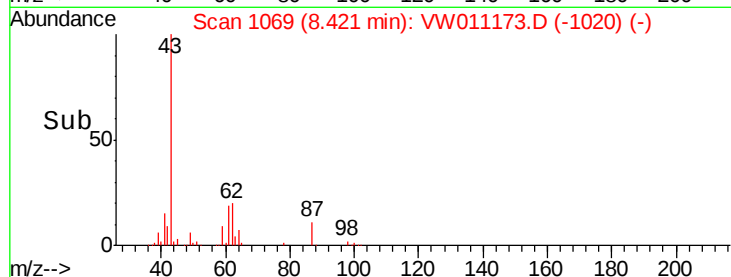
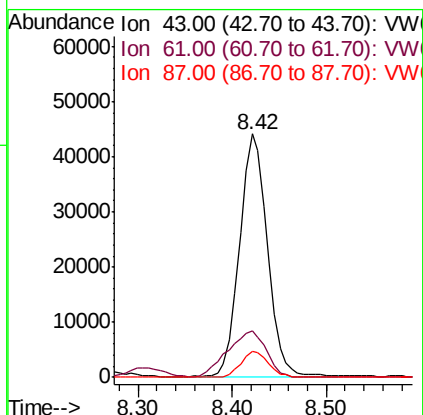
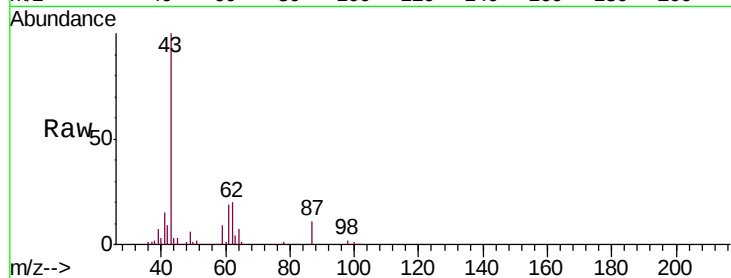




#43
Isopropyl Acetate
Concen: 19.501 ug/l
RT: 8.42 min Scan# 1069
Delta R.T. 0.00 min
Lab File: VW011173.D
Acq: 09 Jul 2019 12:32

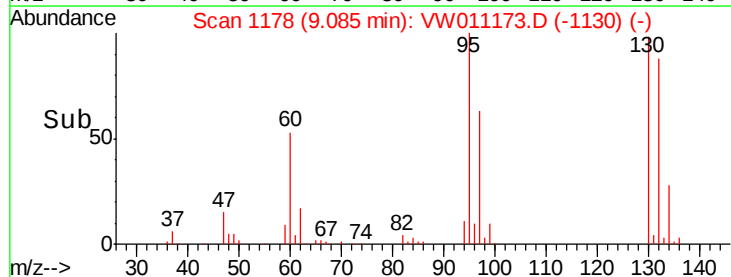
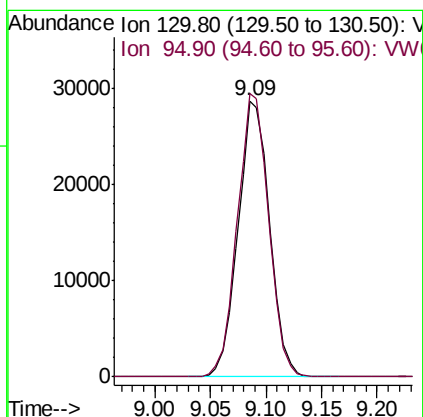
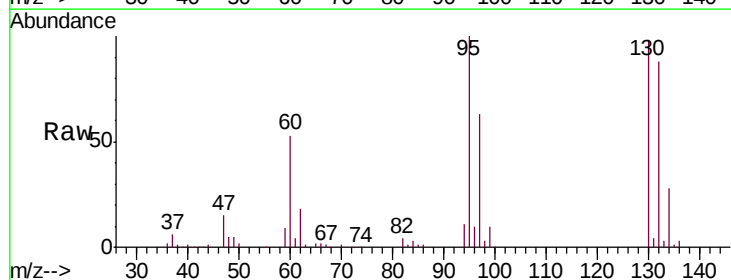
Instrument :
MSVOA_W
ClientSampleId :
VW0709SBSD01

Tgt Ion: 43 Resp: 91010
Ion Ratio Lower Upper
43 100
61 26.7 20.7 31.1
87 10.6 8.1 12.1



#44
Trichloroethene
Concen: 20.547 ug/l
RT: 9.09 min Scan# 1178
Delta R.T. -0.01 min
Lab File: VW011173.D
Acq: 09 Jul 2019 12:32

Tgt Ion: 130 Resp: 56219
Ion Ratio Lower Upper
130 100
95 102.5 0.0 203.6

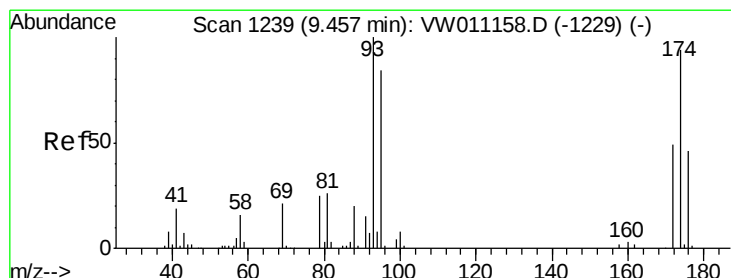
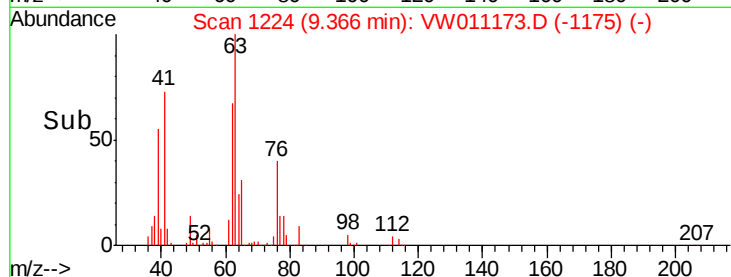
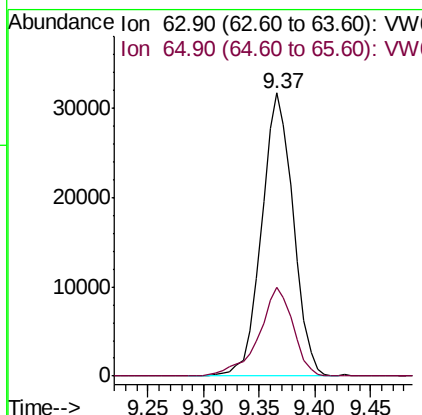
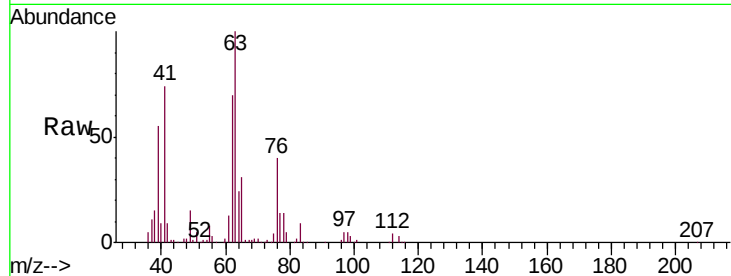




#45
 1,2-Dichloropropane
 Concen: 20.416 ug/l
 RT: 9.37 min Scan# 1224
 Delta R.T. 0.00 min
 Lab File: VW011173.D
 Acq: 09 Jul 2019 12:32

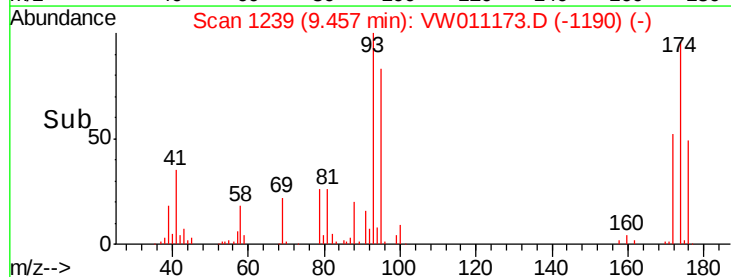
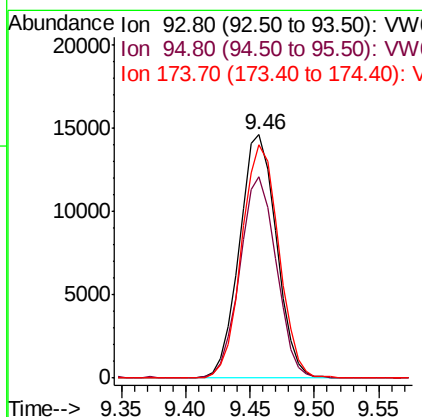
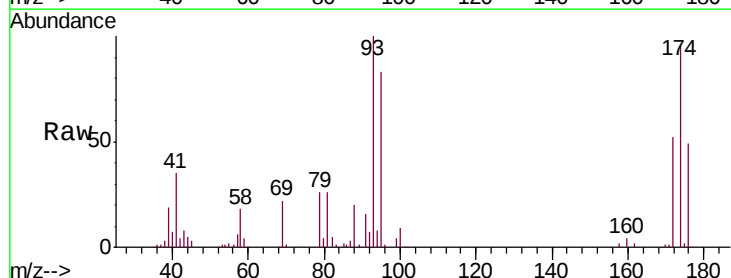
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0709SBSD01

Tgt Ion: 63 Resp: 62860
 Ion Ratio Lower Upper
 63 100
 65 31.5 24.4 36.6



#46
 Dibromomethane
 Concen: 20.144 ug/l
 RT: 9.46 min Scan# 1239
 Delta R.T. 0.00 min
 Lab File: VW011173.D
 Acq: 09 Jul 2019 12:32

Tgt Ion: 93 Resp: 29135
 Ion Ratio Lower Upper
 93 100
 95 81.3 67.2 100.8
 174 95.6 76.3 114.5

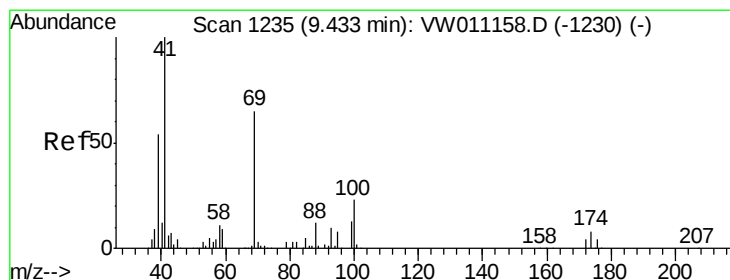
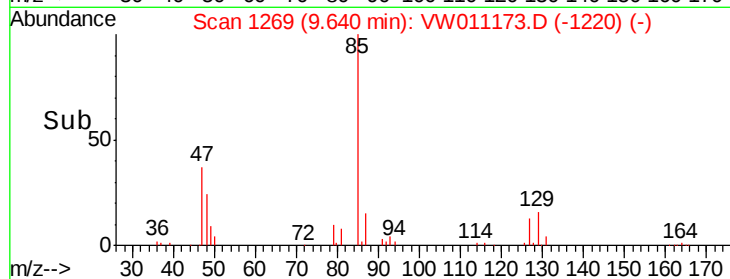
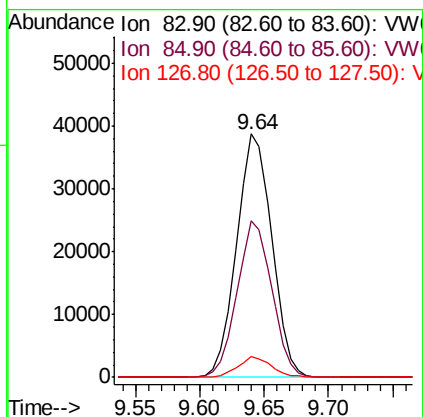
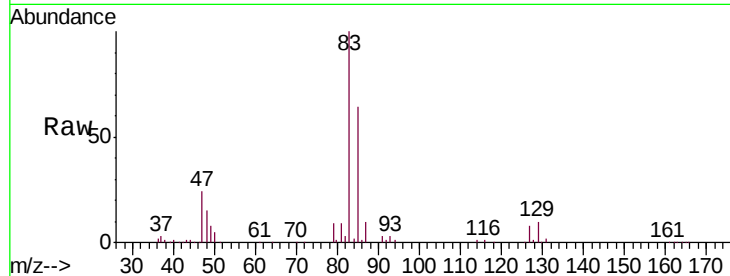




#47
 Bromodichloromethane
 Concen: 19.863 ug/l
 RT: 9.64 min Scan# 1269
 Delta R.T. 0.00 min
 Lab File: VW011173.D
 Acq: 09 Jul 2019 12:32

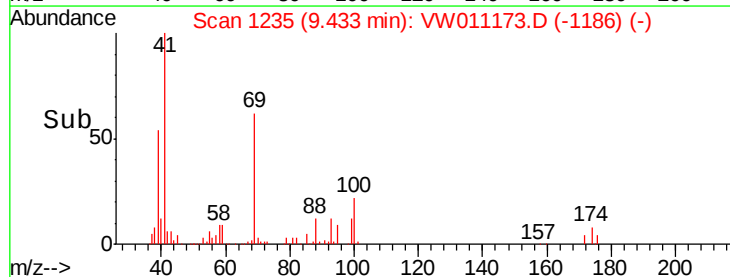
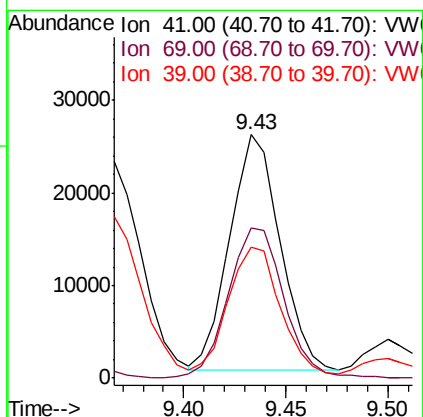
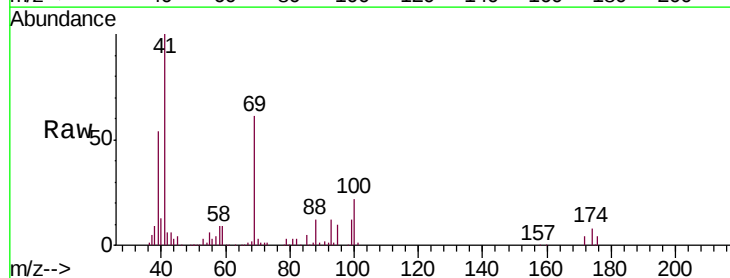
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0709SBSD01

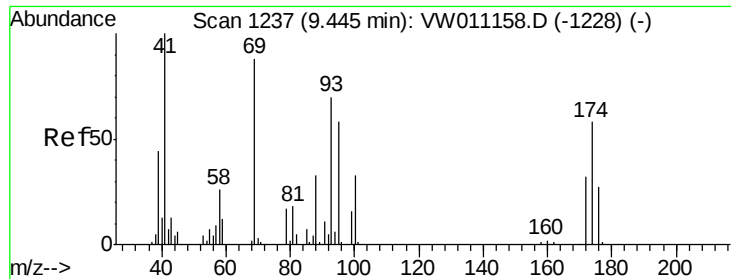
Tgt Ion	Ratio	Lower	Upper
83	100		
85	64.3	51.0	76.4
127	8.3	6.0	9.0



#48
 Methyl methacrylate
 Concen: 19.441 ug/l
 RT: 9.43 min Scan# 1235
 Delta R.T. 0.00 min
 Lab File: VW011173.D
 Acq: 09 Jul 2019 12:32

Tgt Ion	Ratio	Lower	Upper
41	100		
69	70.0	56.0	84.0
39	55.3	43.5	65.3

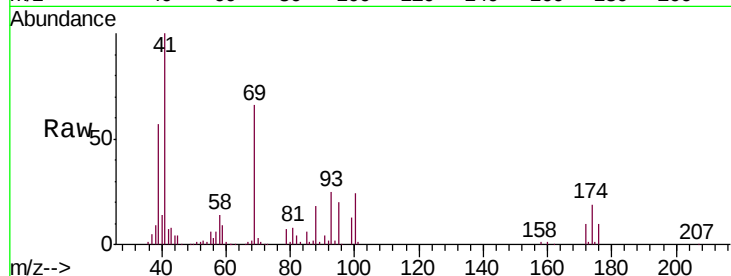




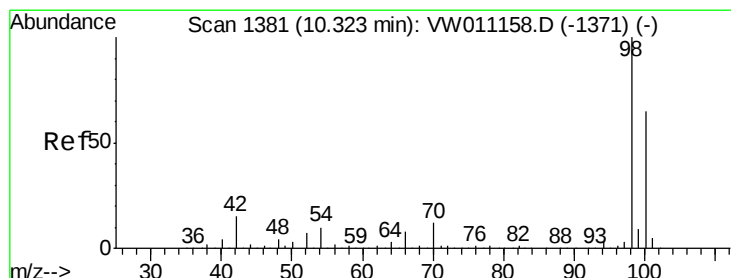
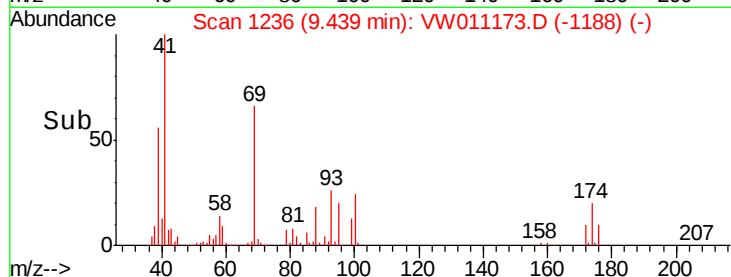
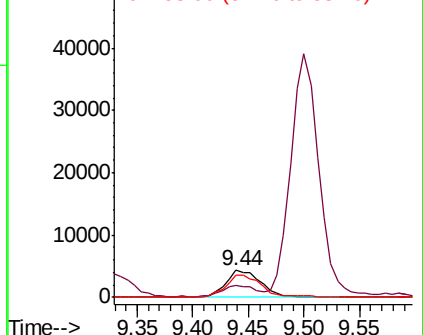
#49
1,4-Dioxane
Concen: 394.741 ug/l
RT: 9.44 min Scan# 1236
Delta R.T. -0.01 min
Lab File: VW011173.D
Acq: 09 Jul 2019 12:32

Instrument :
MSVOA_W
ClientSampleId :
VW0709SBSD01

Tgt Ion: 88 Resp: 9530
Ion Ratio Lower Upper
88 100
43 38.9 33.4 50.0
58 84.1 64.5 96.7

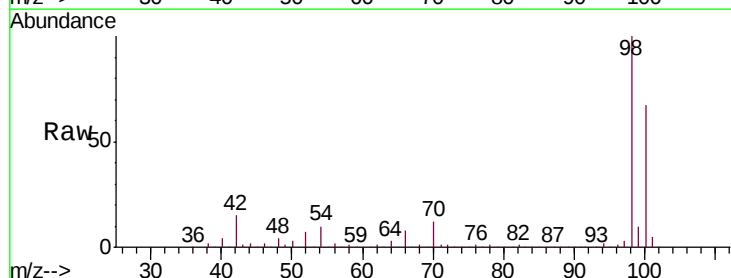


Abundance Ion 88.00 (87.70 to 88.70): VW
Ion 43.00 (42.70 to 43.70): VW
Ion 58.00 (57.70 to 58.70): VW

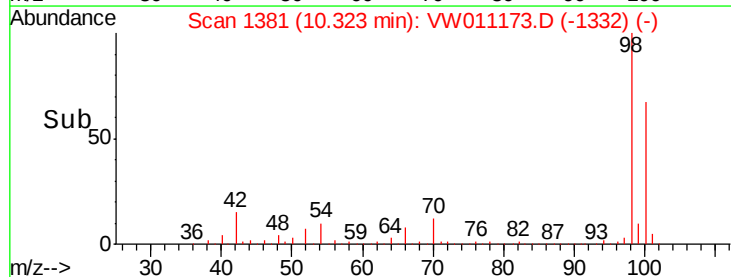
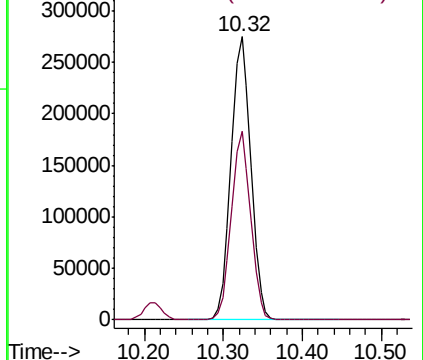


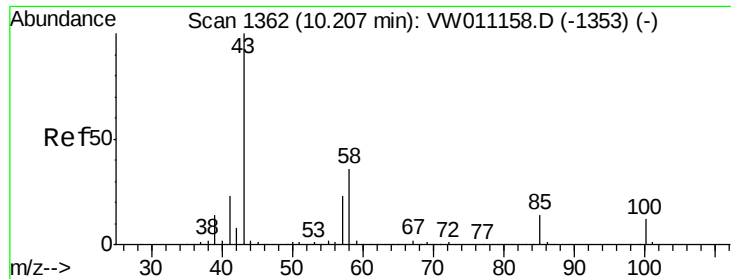
#50
Toluene-d8
Concen: 51.843 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. 0.00 min
Lab File: VW011173.D
Acq: 09 Jul 2019 12:32

Tgt Ion: 98 Resp: 482574
Ion Ratio Lower Upper
98 100
100 65.1 52.4 78.6



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





#51

4-Methyl-2-Pentanone

Concen: 98.781 ug/l

RT: 10.21 min Scan# 1362

Delta R.T. 0.00 min

Lab File: VW011173.D

Acq: 09 Jul 2019 12:32

Instrument :

MSVOA_W

ClientSampleId :

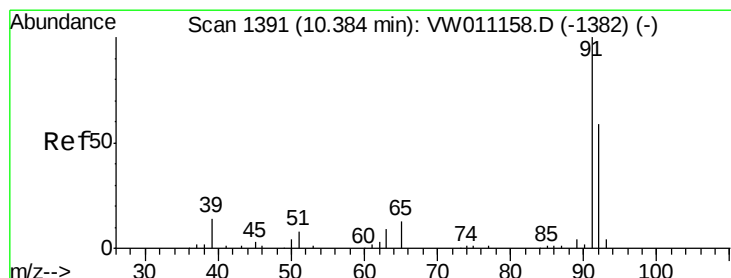
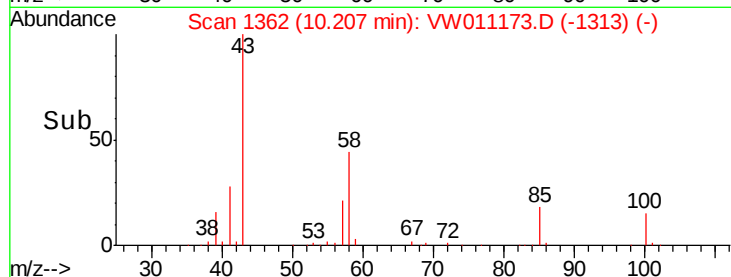
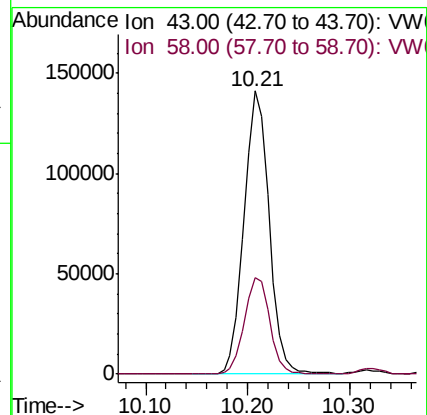
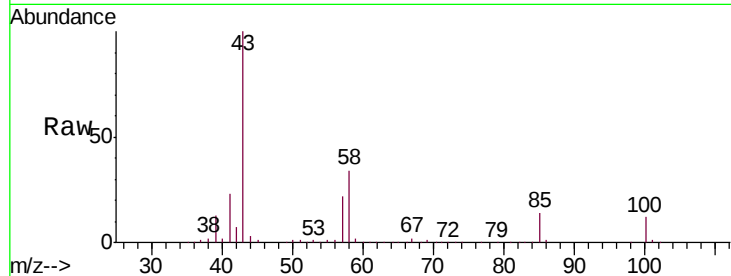
VW0709SBSD01

Tgt Ion: 43 Resp: 240821

Ion Ratio Lower Upper

43 100

58 34.6 28.2 42.2



#52

Toluene

Concen: 20.733 ug/l

RT: 10.39 min Scan# 1392

Delta R.T. 0.01 min

Lab File: VW011173.D

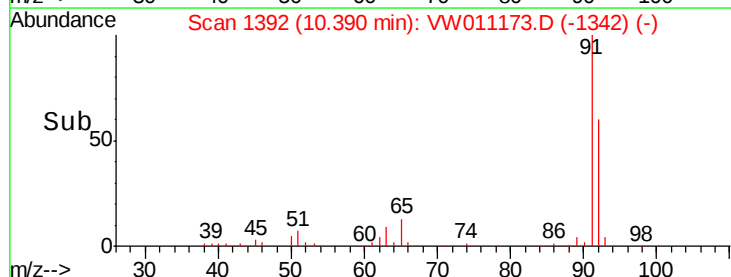
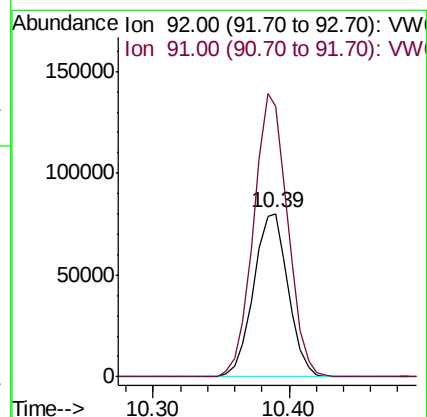
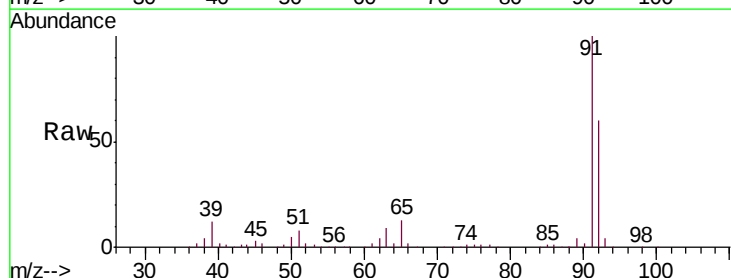
Acq: 09 Jul 2019 12:32

Tgt Ion: 92 Resp: 143004

Ion Ratio Lower Upper

92 100

91 170.9 136.6 205.0





#53

t-1,3-Dichloropropene

Concen: 19.687 ug/l

RT: 10.60 min Scan# 1427

Delta R.T. 0.00 min

Lab File: VW011173.D

Acq: 09 Jul 2019 12:32

Instrument :

MSVOA_W

ClientSampleId :

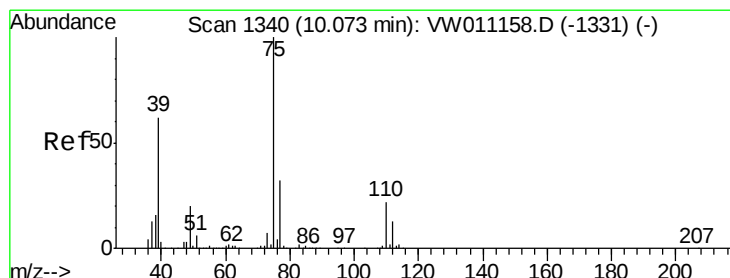
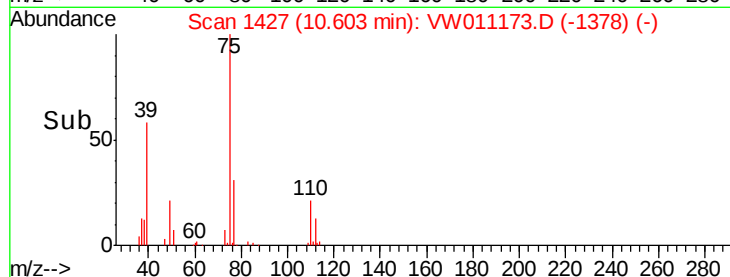
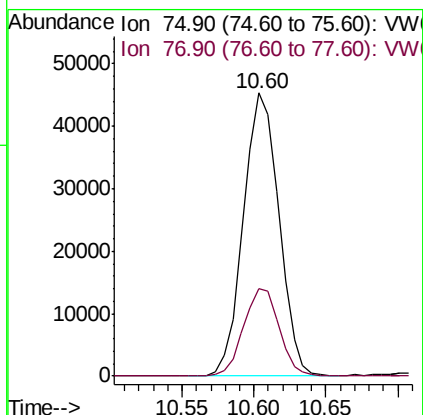
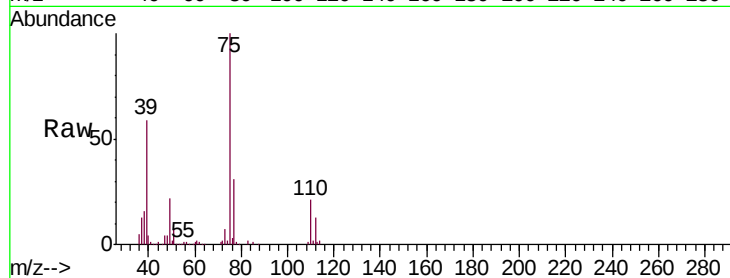
VW0709SBSD01

Tgt Ion: 75 Resp: 77552

Ion Ratio Lower Upper

75 100

77 30.8 25.4 38.0



#54

cis-1,3-Dichloropropene

Concen: 19.666 ug/l

RT: 10.07 min Scan# 1340

Delta R.T. 0.00 min

Lab File: VW011173.D

Acq: 09 Jul 2019 12:32

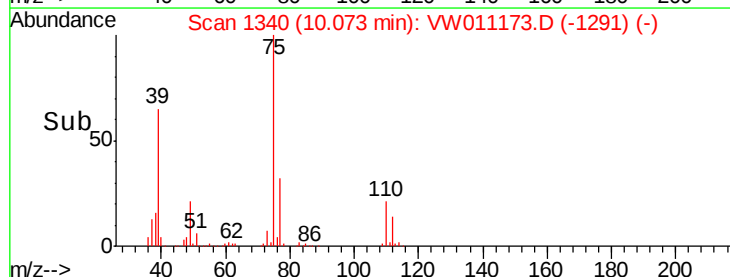
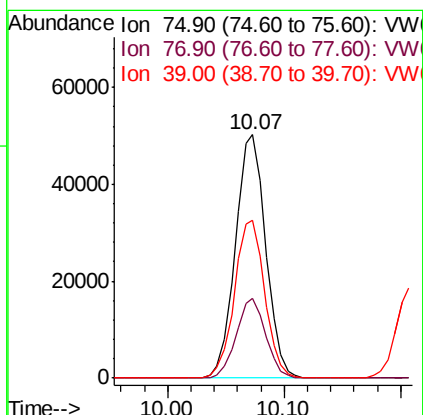
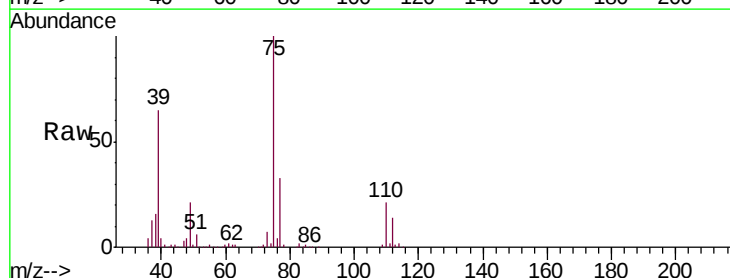
Tgt Ion: 75 Resp: 91186

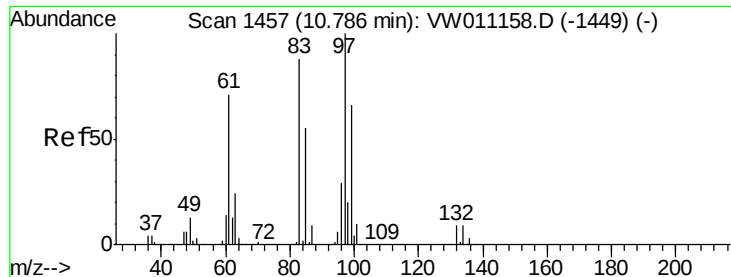
Ion Ratio Lower Upper

75 100

77 32.6 25.7 38.5

39 64.8 49.8 74.8

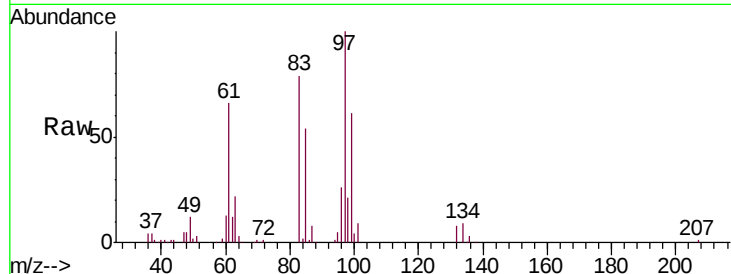




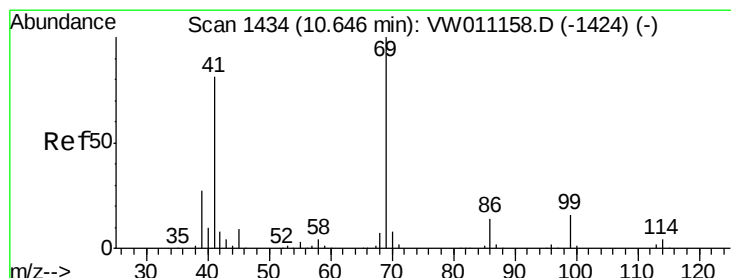
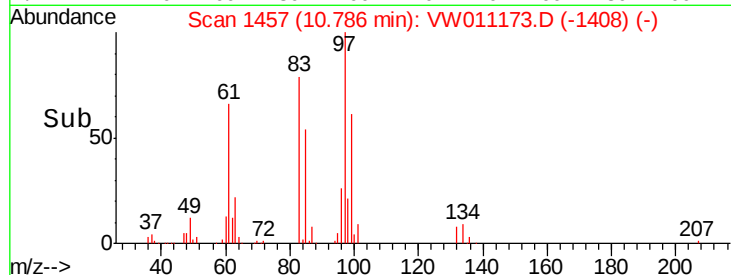
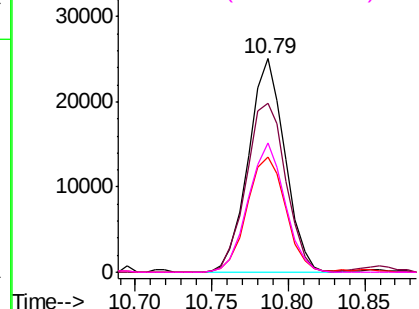
#55
 1,1,2-Trichloroethane
 Concen: 20.338 ug/l
 RT: 10.79 min Scan# 1457
 Delta R.T. 0.00 min
 Lab File: VW011173.D
 Acq: 09 Jul 2019 12:32

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0709SBS01

Tgt Ion: 97 Resp: 41732
 Ion Ratio Lower Upper
 97 100
 83 79.0 70.2 105.4
 85 53.8 44.2 66.2
 99 60.8 52.6 79.0

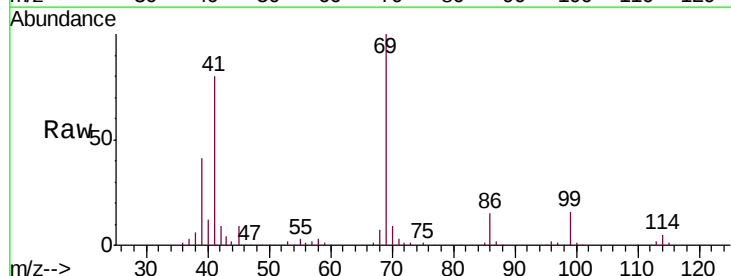


Abundance Ion 96.90 (96.60 to 97.60): VW
 Ion 82.90 (82.60 to 83.60): VW
 Ion 84.90 (84.60 to 85.60): VW
 Ion 98.90 (98.60 to 99.60): VW

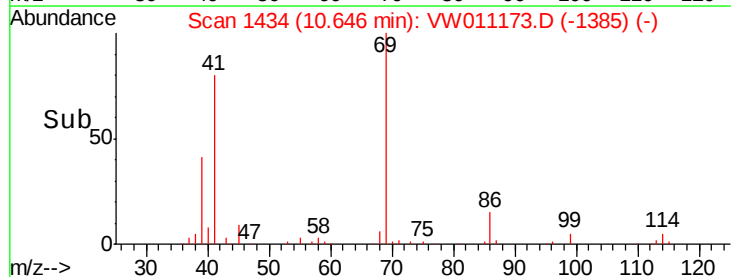
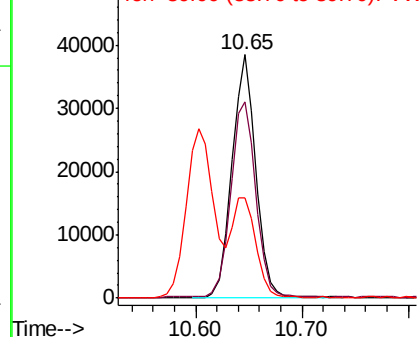


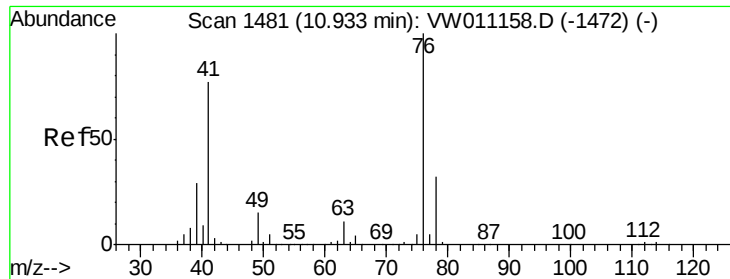
#56
 Ethyl methacrylate
 Concen: 19.385 ug/l
 RT: 10.65 min Scan# 1434
 Delta R.T. 0.00 min
 Lab File: VW011173.D
 Acq: 09 Jul 2019 12:32

Tgt Ion: 69 Resp: 60557
 Ion Ratio Lower Upper
 69 100
 41 83.3 66.5 99.7
 39 40.4 32.5 48.7



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

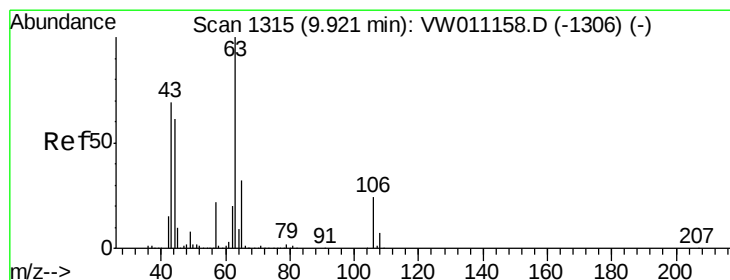
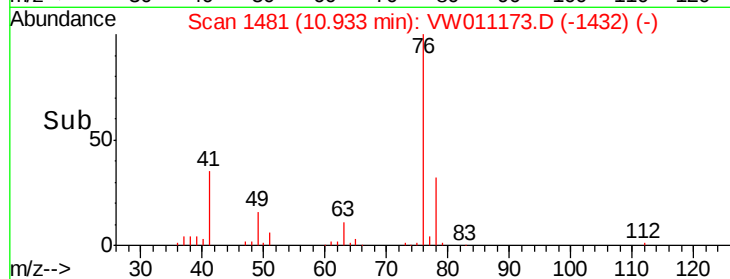
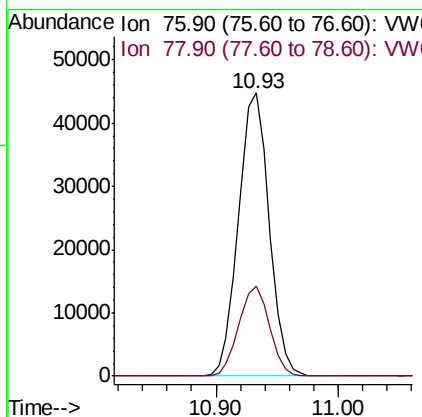
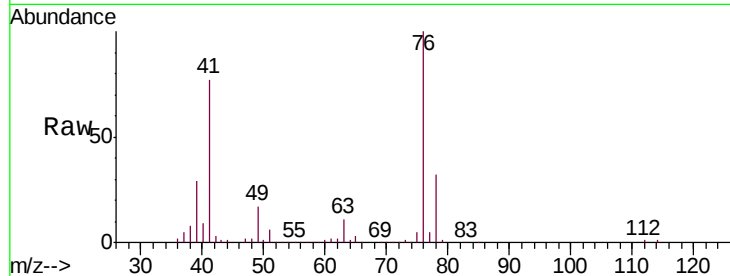




#57
 1,3-Dichloropropane
 Concen: 20.110 ug/l
 RT: 10.93 min Scan# 1481
 Delta R.T. 0.00 min
 Lab File: VW011173.D
 Acq: 09 Jul 2019 12:32

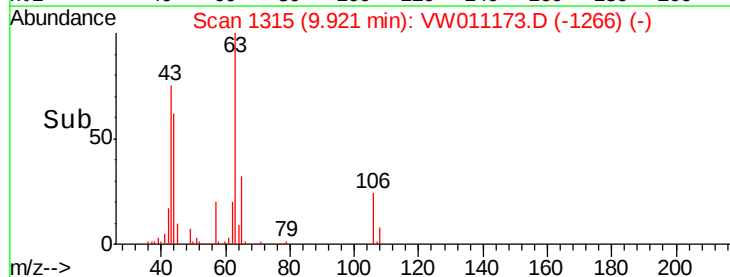
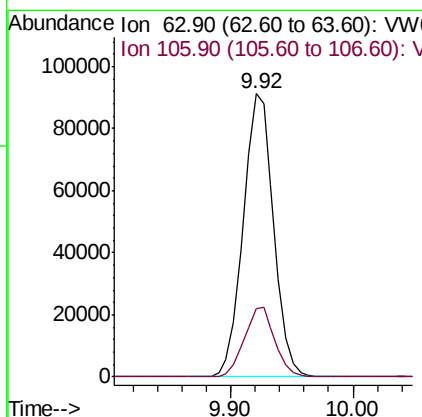
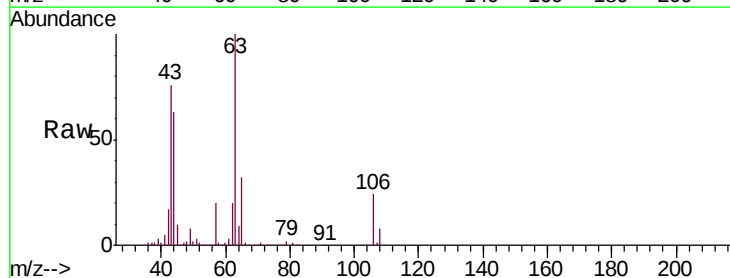
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0709SBSD01

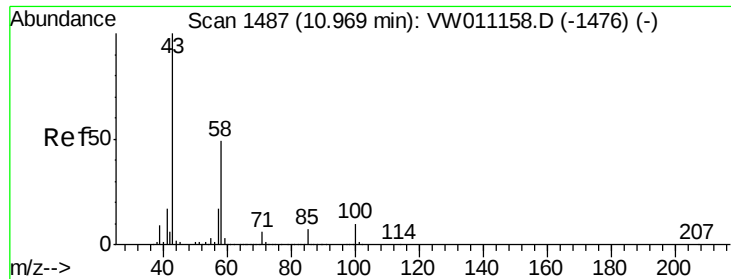
Tgt Ion: 76 Resp: 78031
 Ion Ratio Lower Upper
 76 100
 78 31.7 26.2 39.2



#58
 2-Chloroethyl Vinyl ether
 Concen: 108.634 ug/l
 RT: 9.92 min Scan# 1315
 Delta R.T. 0.00 min
 Lab File: VW011173.D
 Acq: 09 Jul 2019 12:32

Tgt Ion: 63 Resp: 157332
 Ion Ratio Lower Upper
 63 100
 106 24.5 19.4 29.0

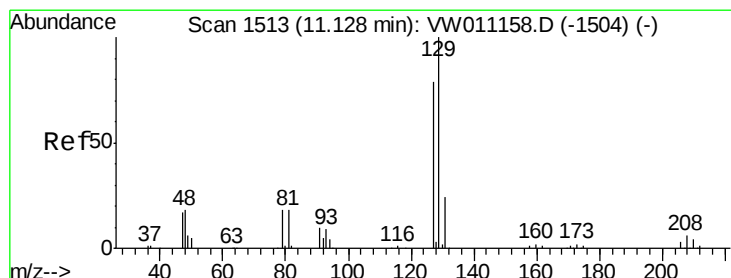
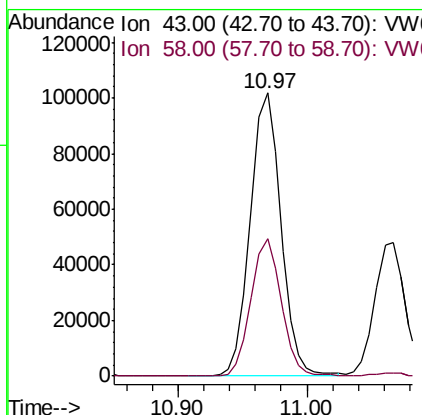
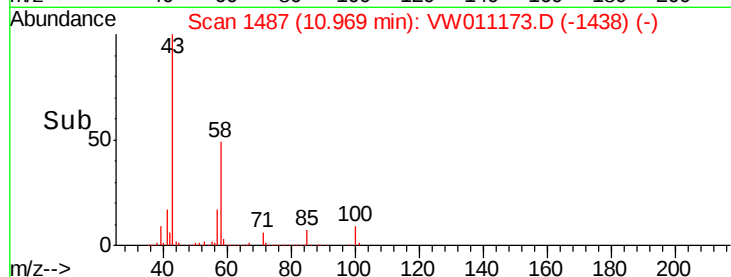
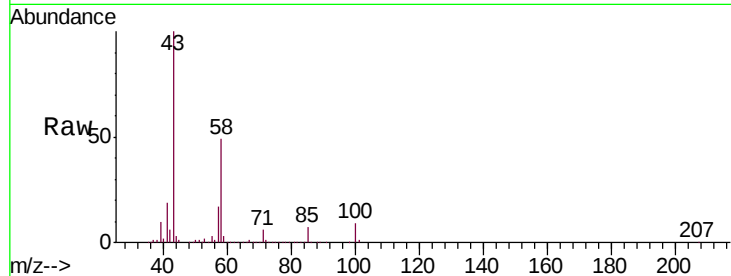




#59
2-Hexanone
Concen: 98.872 ug/l
RT: 10.97 min Scan# 1487
Delta R.T. 0.00 min
Lab File: VW011173.D
Acq: 09 Jul 2019 12:32

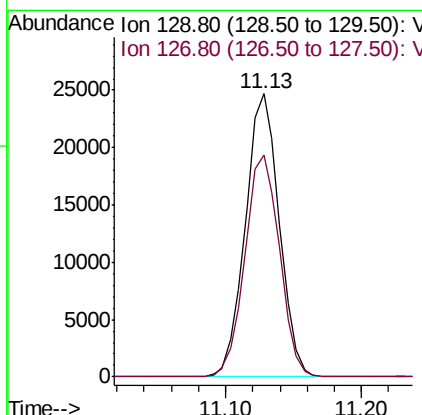
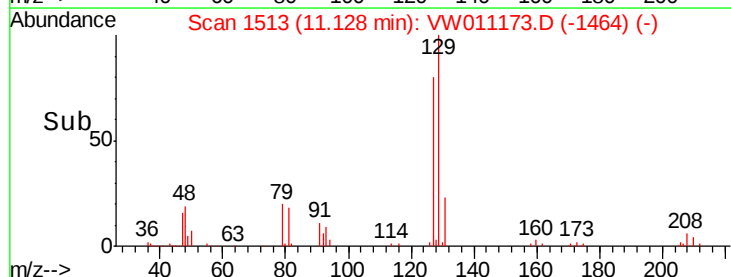
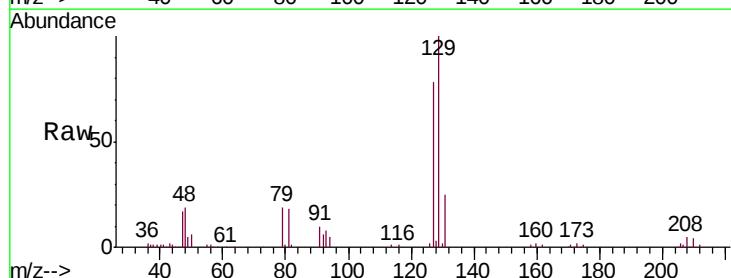
Instrument :
MSVOA_W
ClientSampleId :
VW0709SBSD01

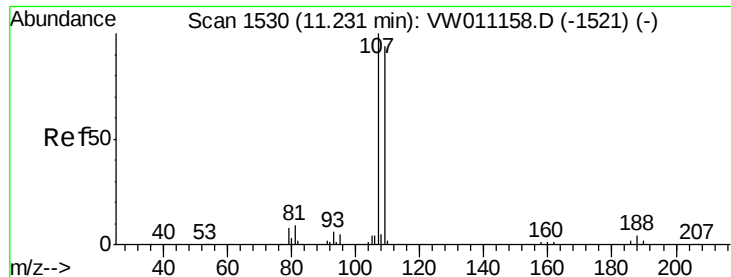
Tgt Ion: 43 Resp: 167164
Ion Ratio Lower Upper
43 100
58 48.1 24.4 73.4



#60
Dibromochloromethane
Concen: 19.170 ug/l
RT: 11.13 min Scan# 1513
Delta R.T. 0.00 min
Lab File: VW011173.D
Acq: 09 Jul 2019 12:32

Tgt Ion: 129 Resp: 43133
Ion Ratio Lower Upper
129 100
127 80.2 39.1 117.3

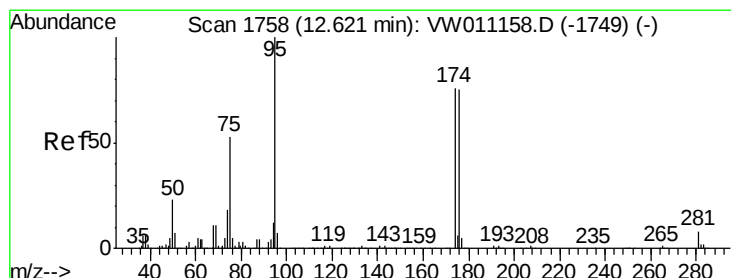
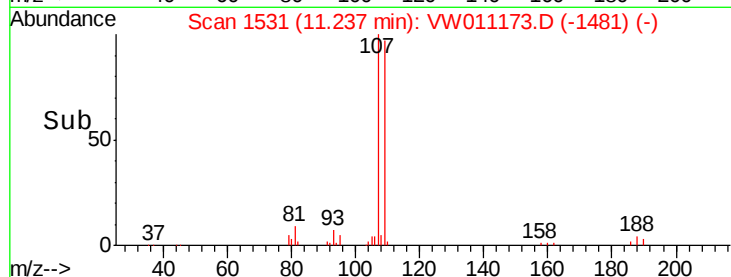
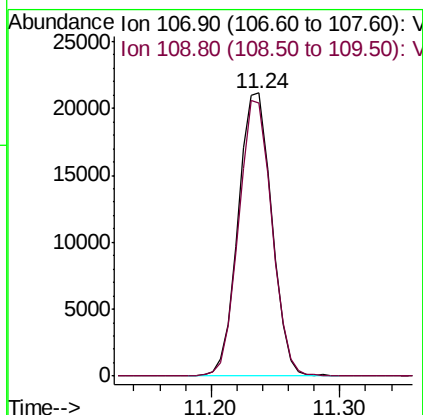
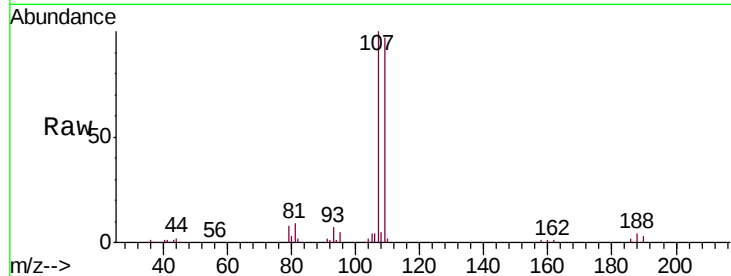




#61
 1,2-Dibromoethane
 Concen: 19.622 ug/l
 RT: 11.24 min Scan# 1531
 Delta R.T. 0.01 min
 Lab File: VW011173.D
 Acq: 09 Jul 2019 12:32

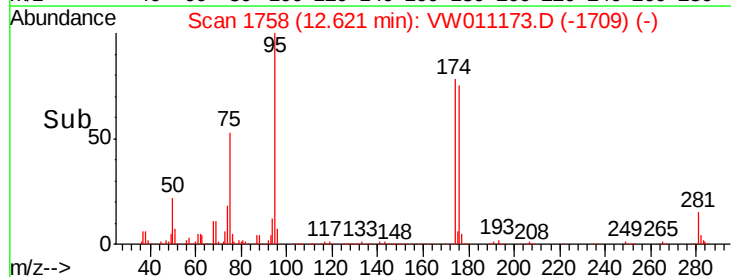
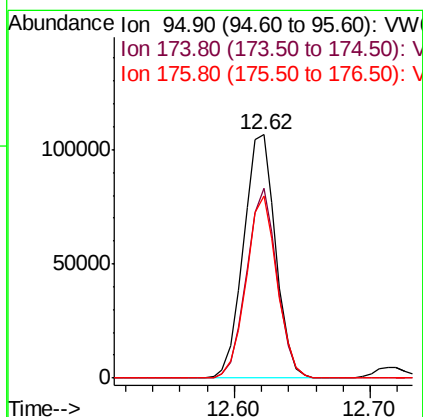
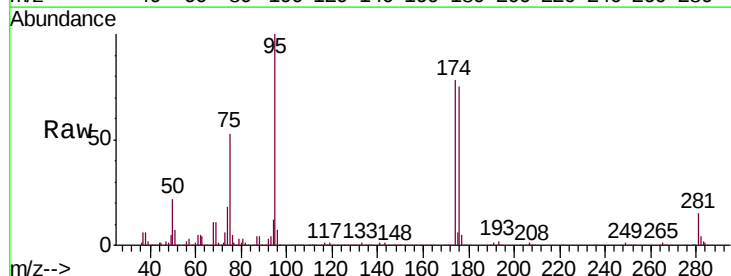
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0709SBSD01

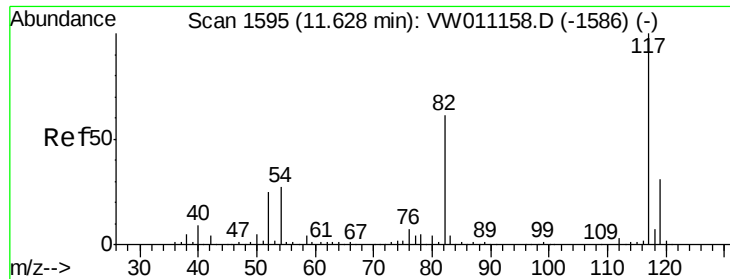
Tgt Ion: 107 Resp: 38137
 Ion Ratio Lower Upper
 107 100
 109 96.2 75.2 112.8



#62
 4-Bromofluorobenzene
 Concen: 51.503 ug/l
 RT: 12.62 min Scan# 1758
 Delta R.T. 0.00 min
 Lab File: VW011173.D
 Acq: 09 Jul 2019 12:32

Tgt Ion: 95 Resp: 175718
 Ion Ratio Lower Upper
 95 100
 174 73.9 0.0 147.6
 176 72.2 0.0 144.6

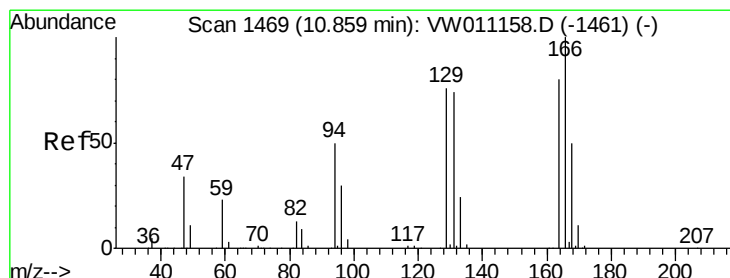
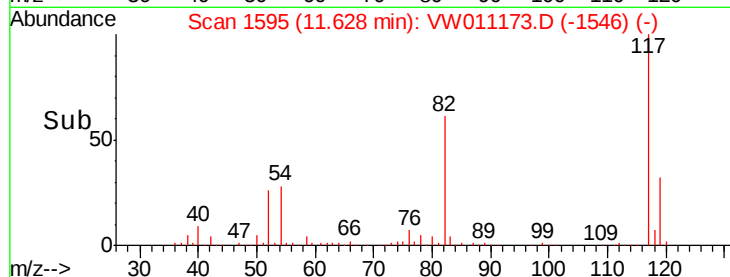
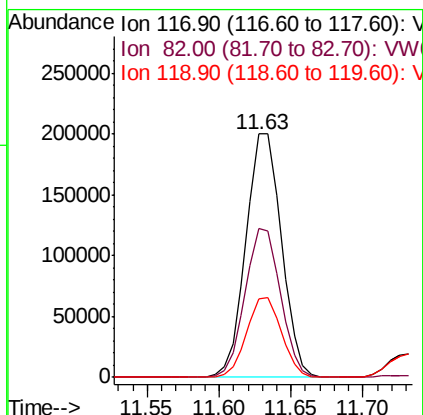
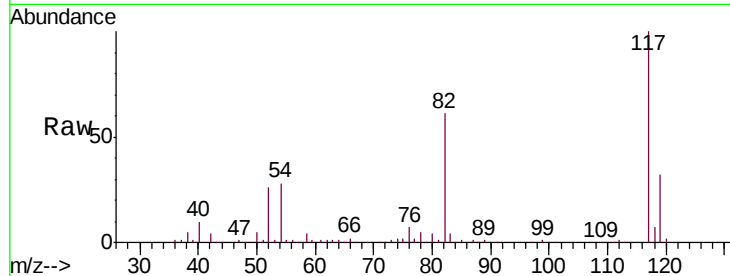




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1595
Delta R.T. 0.00 min
Lab File: VW011173.D
Acq: 09 Jul 2019 12:32

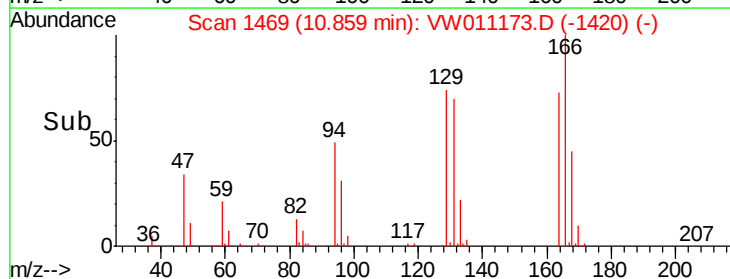
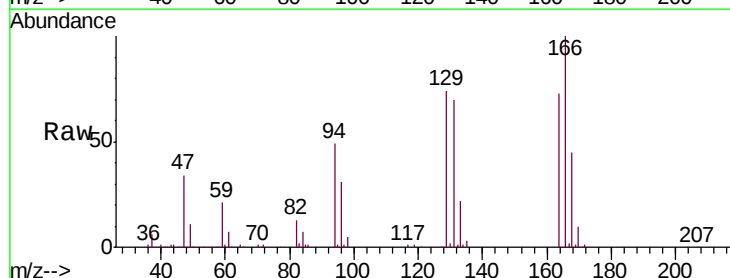
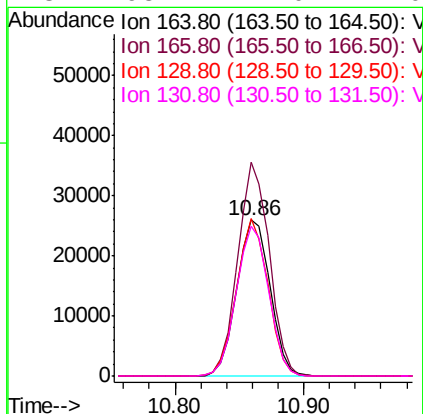
Instrument :
MSVOA_W
ClientSampleId :
VW0709SBSD01

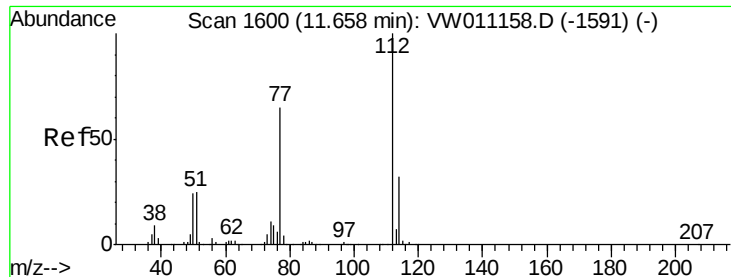
Tgt Ion:117 Resp: 342088
Ion Ratio Lower Upper
117 100
82 61.3 48.9 73.3
119 32.3 25.0 37.6



#64
Tetrachloroethene
Concen: 20.075 ug/l
RT: 10.86 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VW011173.D
Acq: 09 Jul 2019 12:32

Tgt Ion:164 Resp: 46340
Ion Ratio Lower Upper
164 100
166 137.1 99.7 149.5
129 101.2 76.2 114.2
131 95.7 74.0 111.0

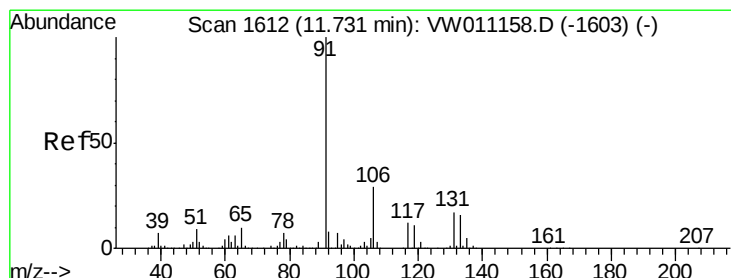
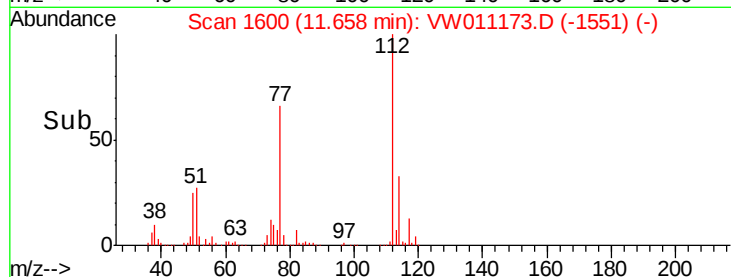
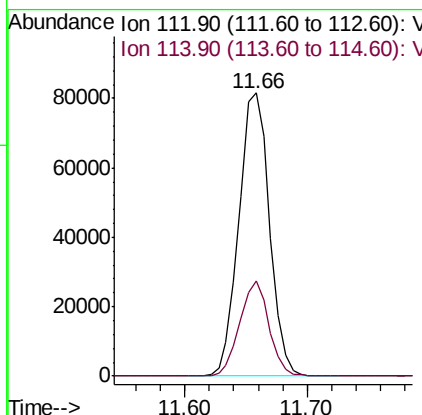
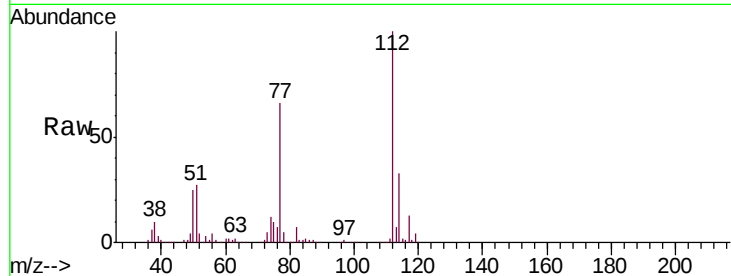




#65
Chlorobenzene
Concen: 20.342 ug/l
RT: 11.66 min Scan# 1600
Delta R.T. 0.00 min
Lab File: VW011173.D
Acq: 09 Jul 2019 12:32

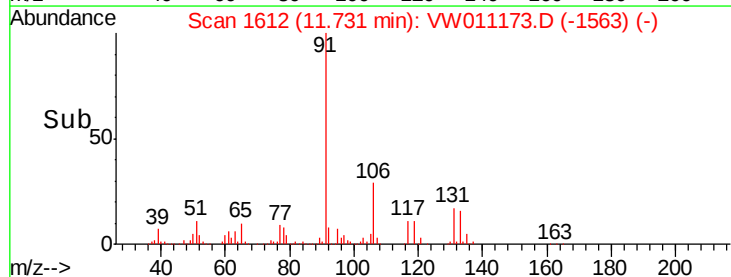
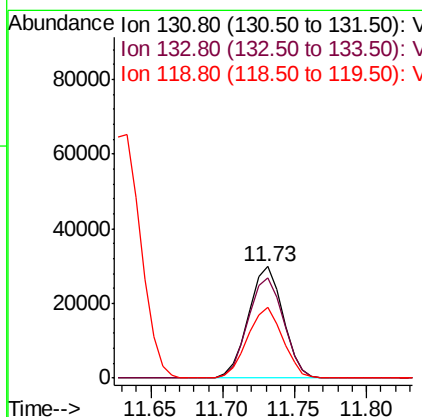
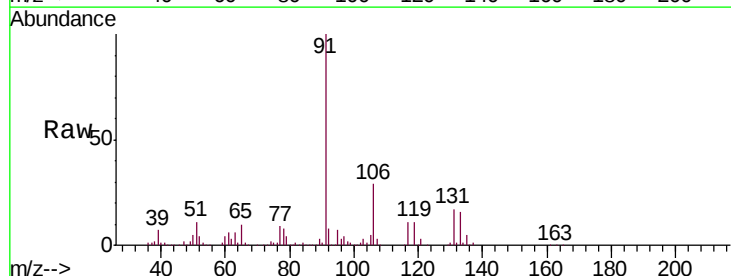
Instrument :
MSVOA_W
ClientSampleId :
VW0709SBSD01

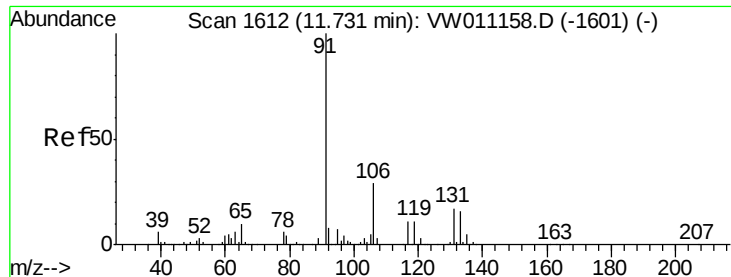
Tgt Ion:112 Resp: 141482
Ion Ratio Lower Upper
112 100
114 33.4 25.5 38.3



#66
1,1,1,2-Tetrachloroethane
Concen: 20.211 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. 0.00 min
Lab File: VW011173.D
Acq: 09 Jul 2019 12:32

Tgt Ion:131 Resp: 49495
Ion Ratio Lower Upper
131 100
133 93.5 47.9 143.8
119 64.8 33.1 99.2

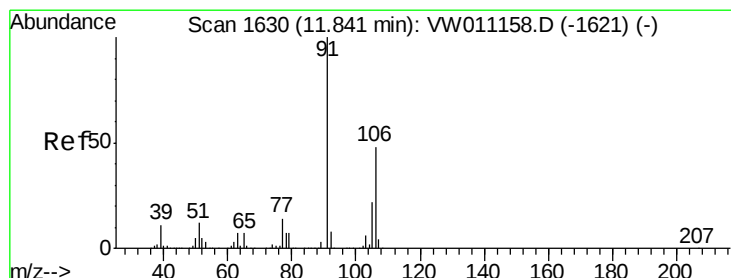
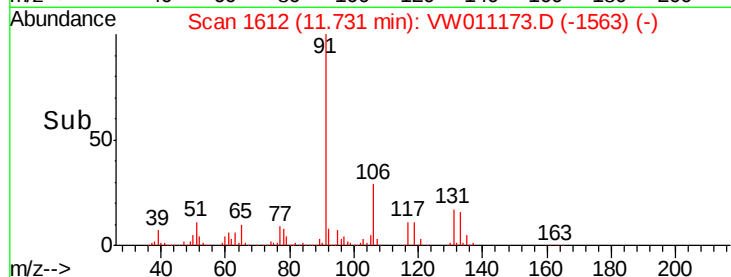
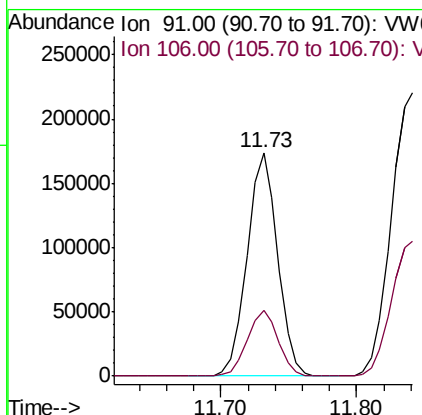
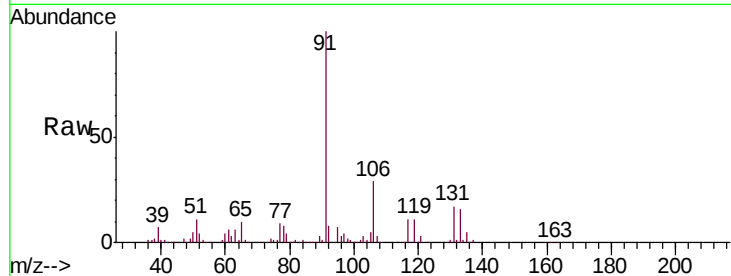




#67
Ethyl Benzene
Concen: 20.533 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. 0.00 min
Lab File: VW011173.D
Acq: 09 Jul 2019 12:32

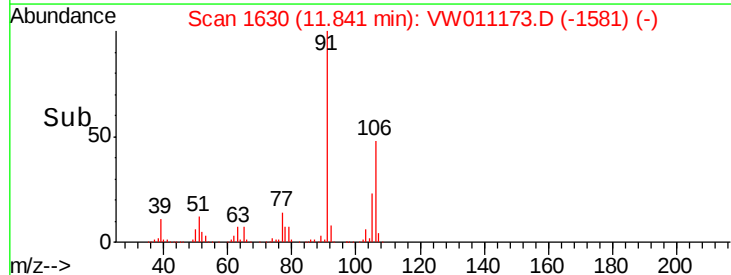
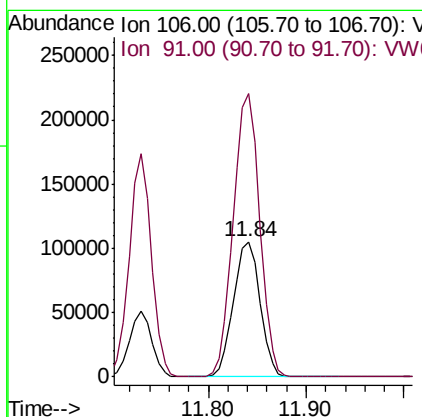
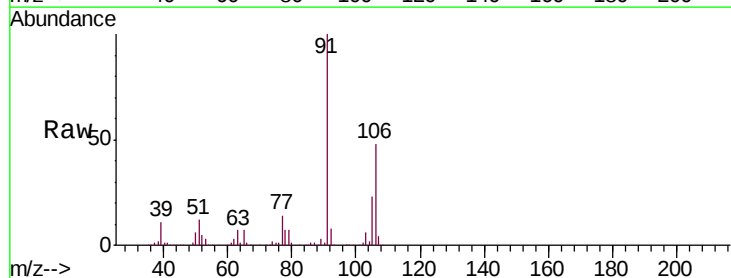
Instrument :
MSVOA_W
ClientSampleId :
VW0709SBSD01

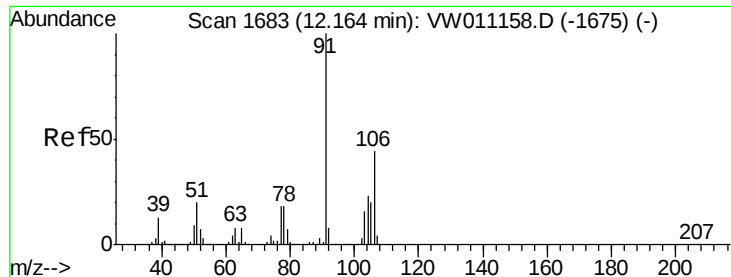
Tgt Ion: 91 Resp: 273387
Ion Ratio Lower Upper
91 100
106 29.2 23.5 35.3



#68
m/p-Xylenes
Concen: 41.290 ug/l
RT: 11.84 min Scan# 1630
Delta R.T. 0.00 min
Lab File: VW011173.D
Acq: 09 Jul 2019 12:32

Tgt Ion: 106 Resp: 198923
Ion Ratio Lower Upper
106 100
91 208.4 167.7 251.5

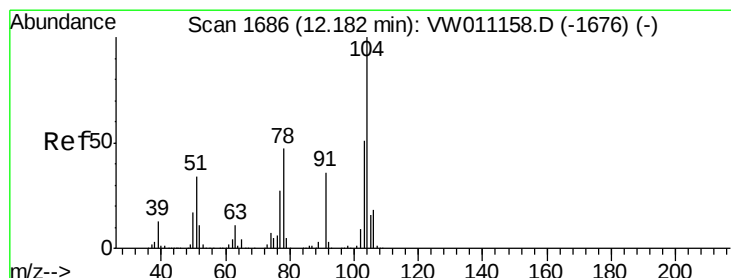
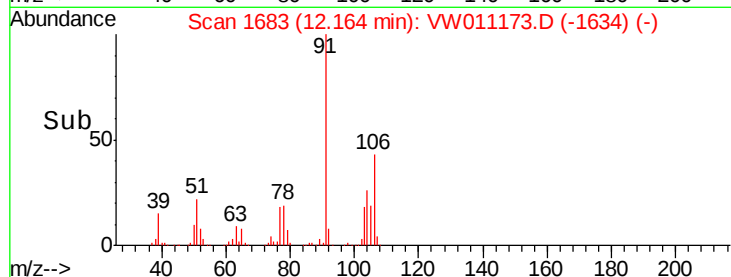
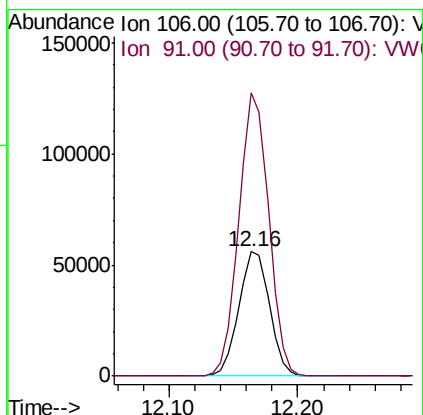
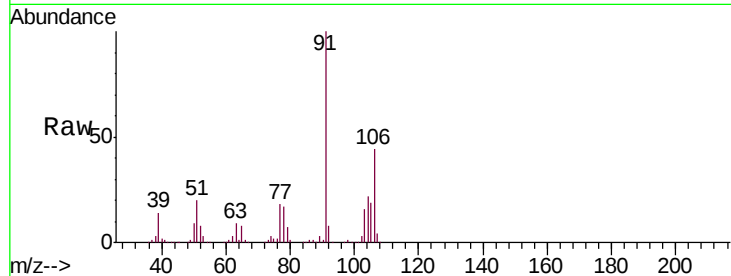




#69
o-Xylene
Concen: 20.321 ug/l
RT: 12.16 min Scan# 1683
Delta R.T. 0.00 min
Lab File: VW011173.D
Acq: 09 Jul 2019 12:32

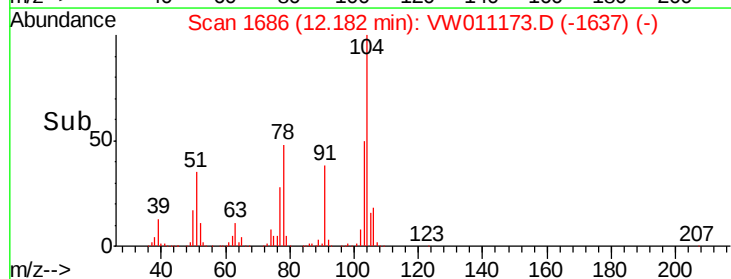
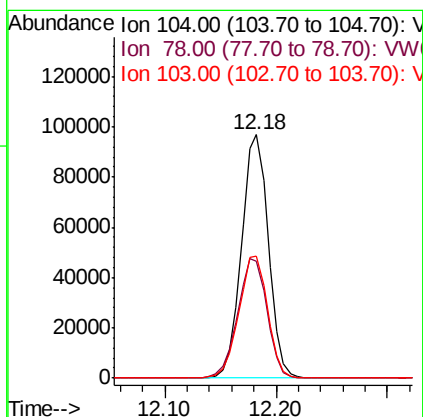
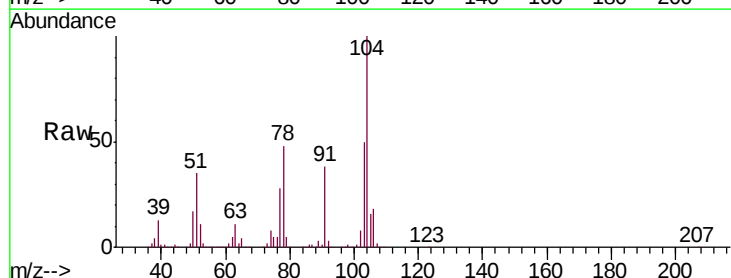
Instrument :
MSVOA_W
ClientSampleId :
VW0709SBSD01

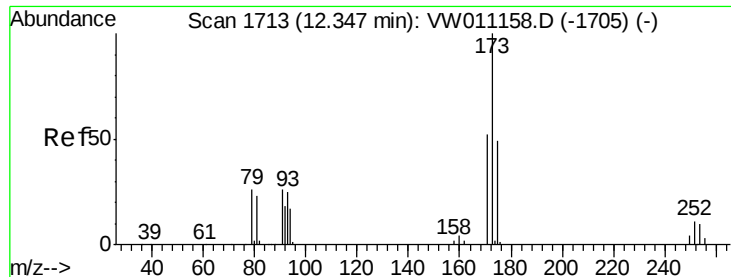
Tgt Ion:106 Resp: 92274
Ion Ratio Lower Upper
106 100
91 222.4 110.7 332.1



#70
Styrene
Concen: 20.678 ug/l
RT: 12.18 min Scan# 1686
Delta R.T. 0.00 min
Lab File: VW011173.D
Acq: 09 Jul 2019 12:32

Tgt Ion:104 Resp: 162047
Ion Ratio Lower Upper
104 100
78 53.5 43.1 64.7
103 53.8 44.1 66.1

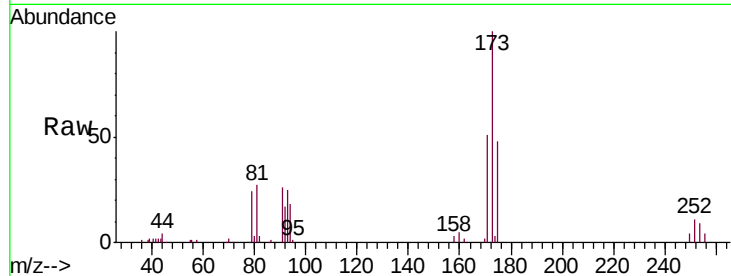




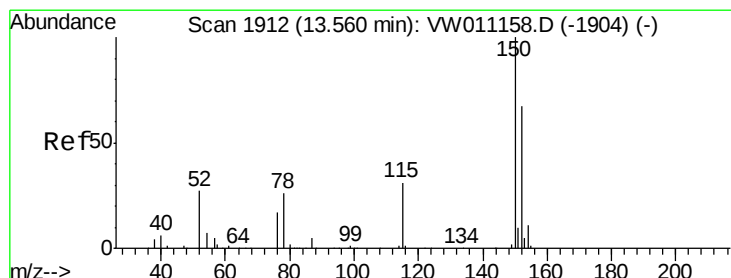
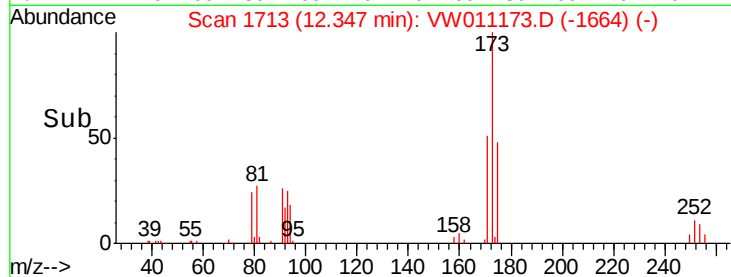
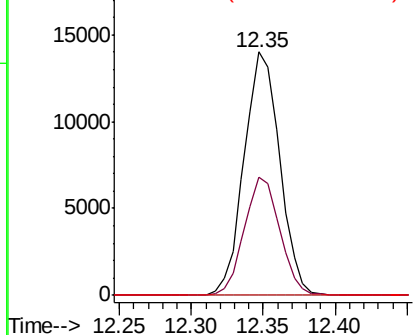
#71
Bromoform
Concen: 18.415 ug/l
RT: 12.35 min Scan# 1713
Delta R.T. 0.00 min
Lab File: VW011173.D
Acq: 09 Jul 2019 12:32

Instrument :
MSVOA_W
ClientSampleId :
VW0709SBSD01

Tgt Ion:173 Resp: 23977
Ion Ratio Lower Upper
173 100
175 48.3 24.8 74.3
254 0.0 0.0 0.0

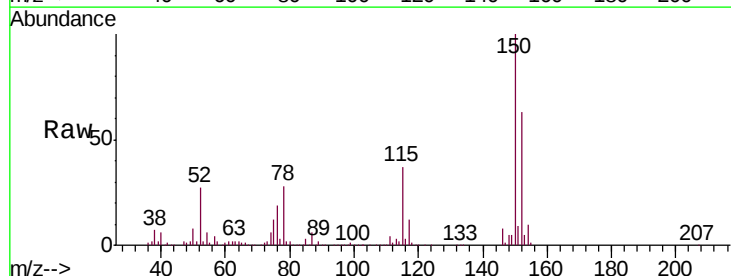


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

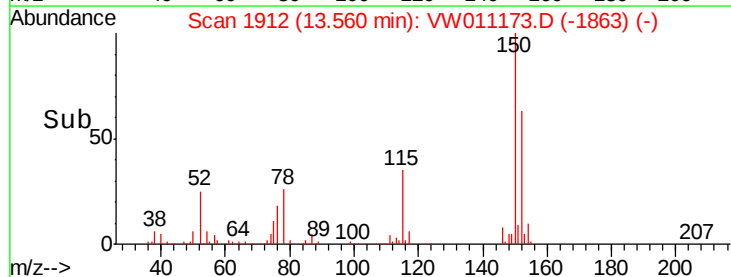
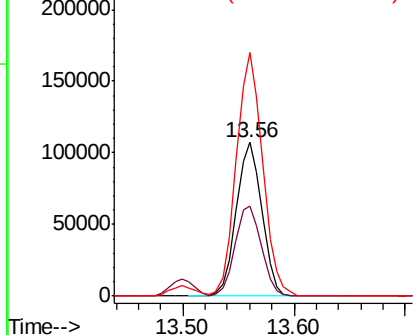


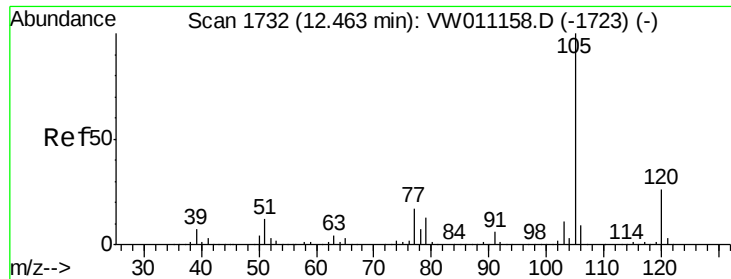
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. 0.00 min
Lab File: VW011173.D
Acq: 09 Jul 2019 12:32

Tgt Ion:152 Resp: 169845
Ion Ratio Lower Upper
152 100
115 60.2 30.1 90.3
150 163.9 0.0 346.0



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: 20.342 ug/l

RT: 12.46 min Scan# 1732

Delta R.T. 0.00 min

Lab File: VW011173.D

Acq: 09 Jul 2019 12:32

Instrument :

MSVOA_W

ClientSampleId :

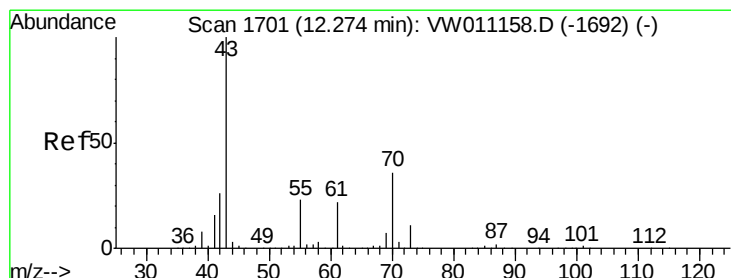
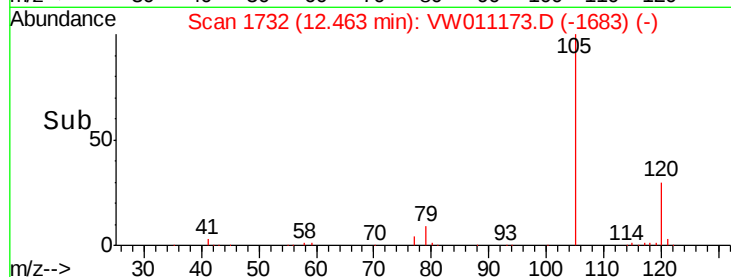
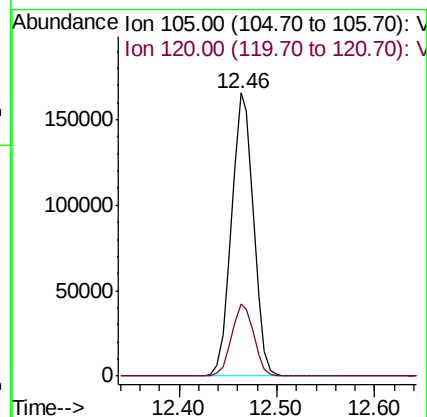
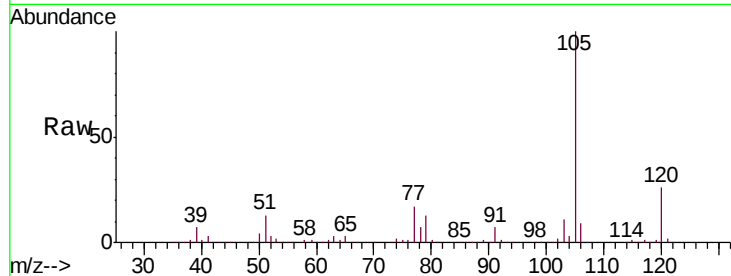
VW0709SBSD01

Tgt Ion:105 Resp: 258272

Ion Ratio Lower Upper

105 100

120 25.7 12.8 38.3



#74

N-ethyl acetate

Concen: 19.358 ug/l

RT: 12.27 min Scan# 1701

Delta R.T. 0.00 min

Lab File: VW011173.D

Acq: 09 Jul 2019 12:32

Tgt Ion: 43 Resp: 85601

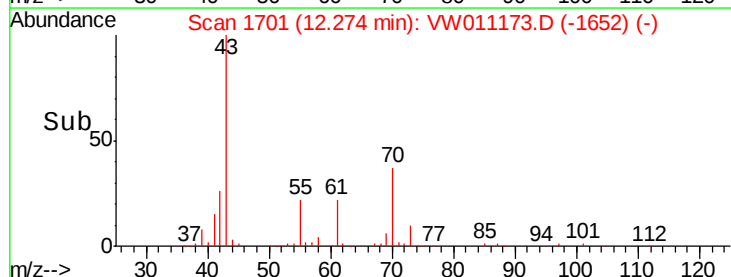
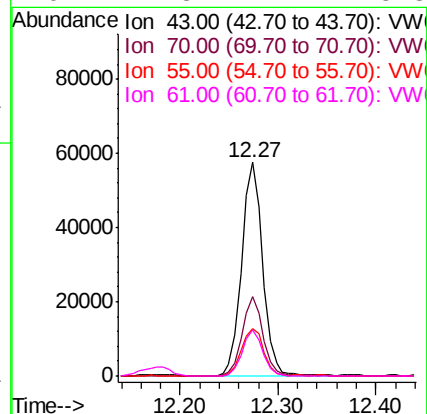
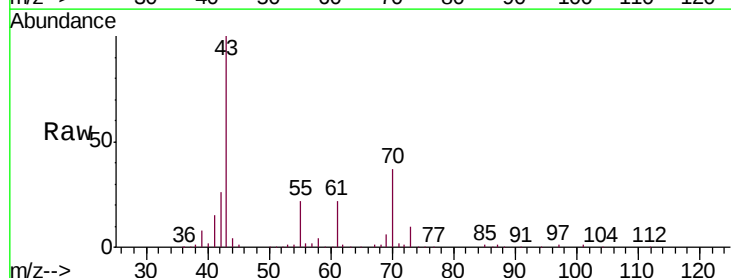
Ion Ratio Lower Upper

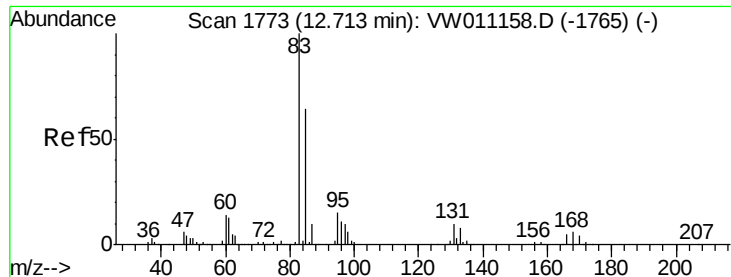
43 100

70 36.8 28.5 42.7

55 23.5 18.1 27.1

61 21.3 17.2 25.8





#75

1,1,2,2-Tetrachloroethane

Concen: 19.419 ug/l

RT: 12.71 min Scan# 1773

Delta R.T. 0.00 min

Lab File: VW011173.D

Acq: 09 Jul 2019 12:32

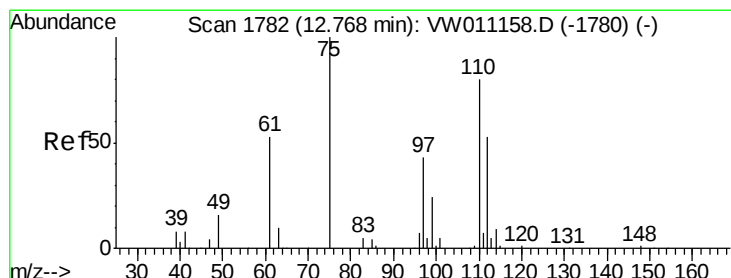
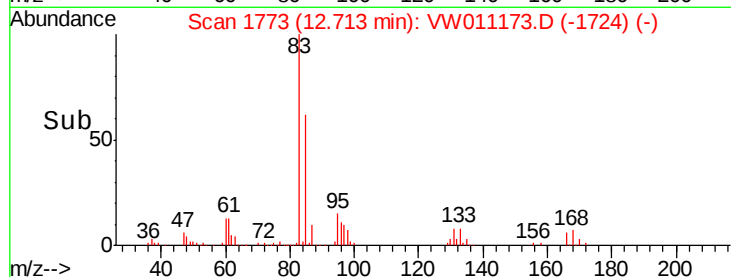
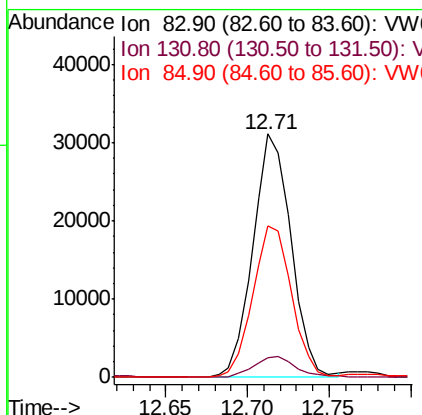
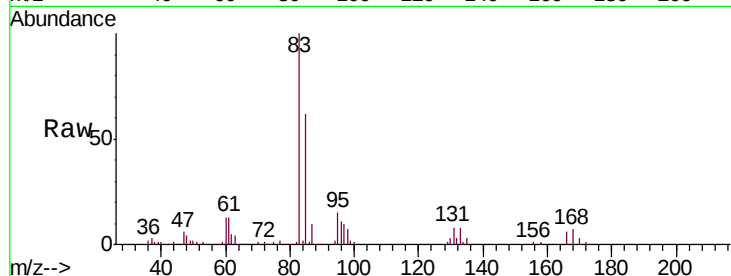
Instrument :

MSVOA_W

ClientSampleId :

VW0709SBSD01

Tgt Ion:	83	Resp:	50541
Ion	Ratio	Lower	Upper
83	100		
131	9.7	5.0	15.0
85	63.3	31.6	94.8



#76

1,2,3-Trichloropropane

Concen: 33.695 ug/l

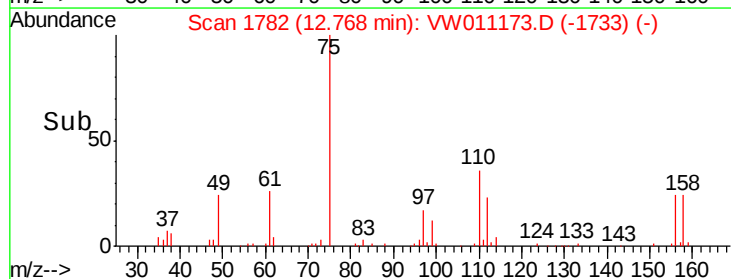
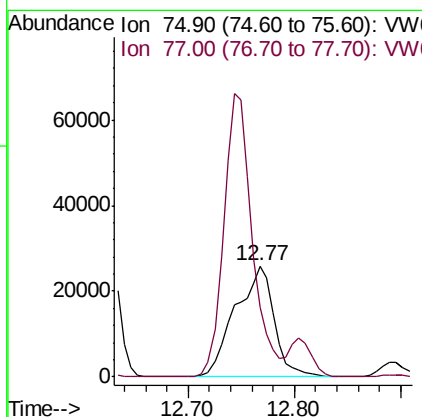
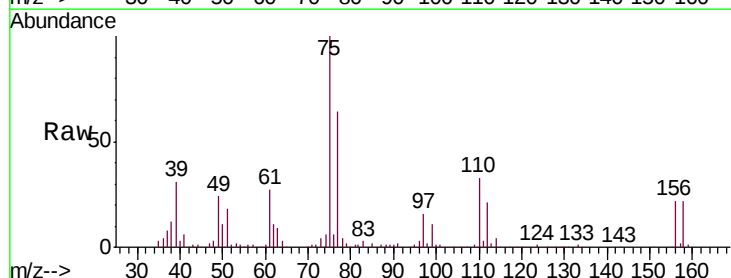
RT: 12.77 min Scan# 1782

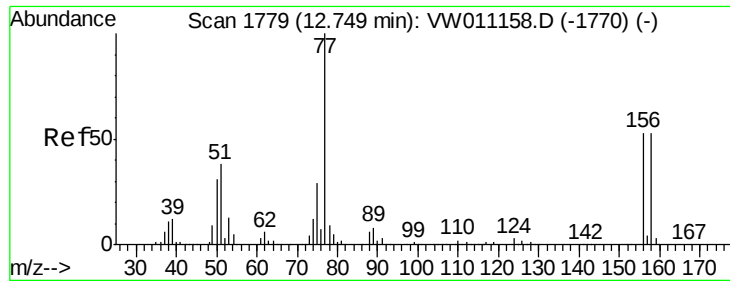
Delta R.T. 0.00 min

Lab File: VW011173.D

Acq: 09 Jul 2019 12:32

Tgt Ion:	75	Resp:	66136
Ion	Ratio	Lower	Upper
75	100		
77	0.0	0.0	0.0





#77

Bromobenzene

Concen: 20.181 ug/l

RT: 12.75 min Scan# 1779

Delta R.T. 0.00 min

Lab File: VW011173.D

Acq: 09 Jul 2019 12:32

Instrument :

MSVOA_W

ClientSampleId :

VW0709SBSD01

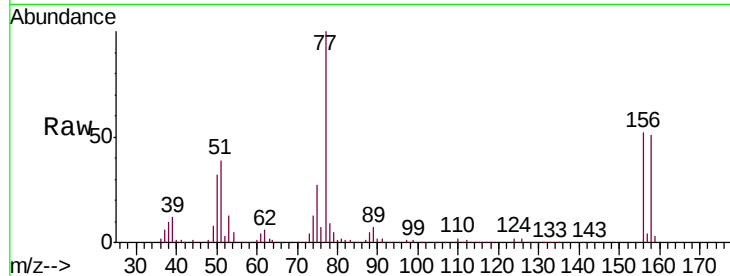
Tgt Ion:156 Resp: 57501

Ion Ratio Lower Upper

156 100

77 213.8 109.0 327.0

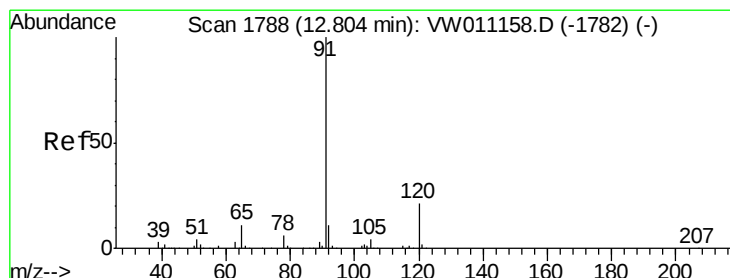
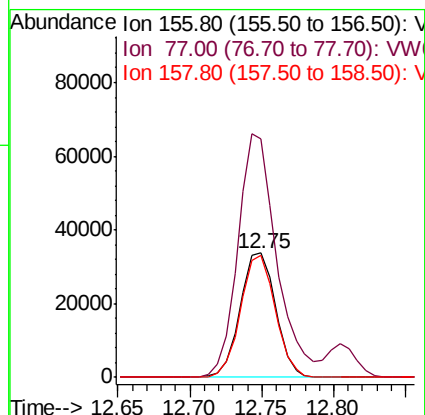
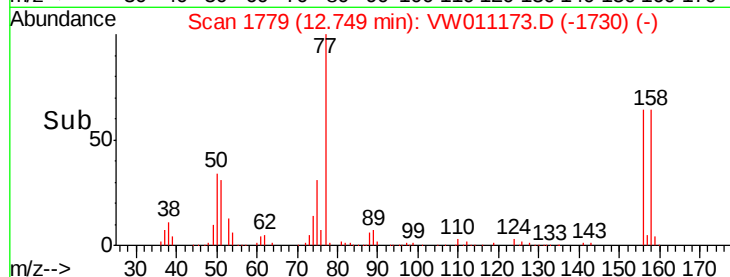
158 95.9 48.8 146.3



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: 20.601 ug/l

RT: 12.80 min Scan# 1788

Delta R.T. 0.00 min

Lab File: VW011173.D

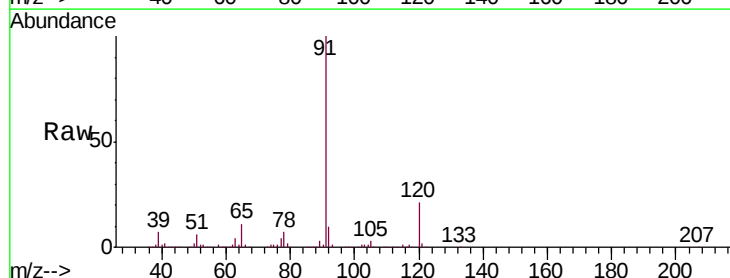
Acq: 09 Jul 2019 12:32

Tgt Ion: 91 Resp: 322207

Ion Ratio Lower Upper

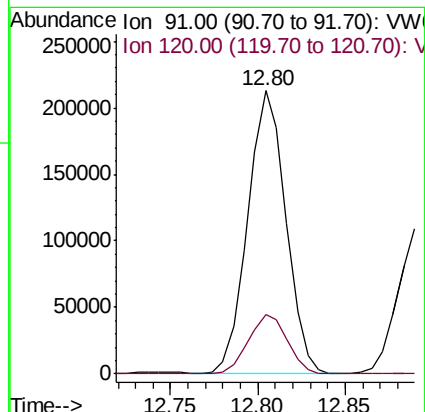
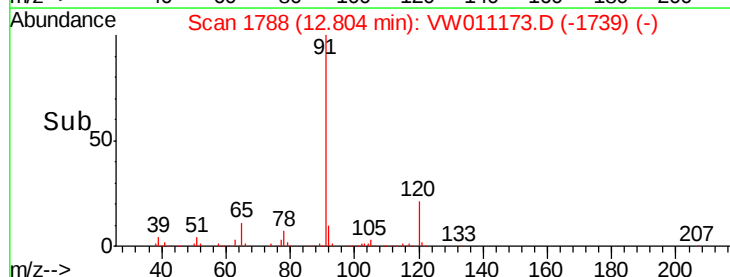
91 100

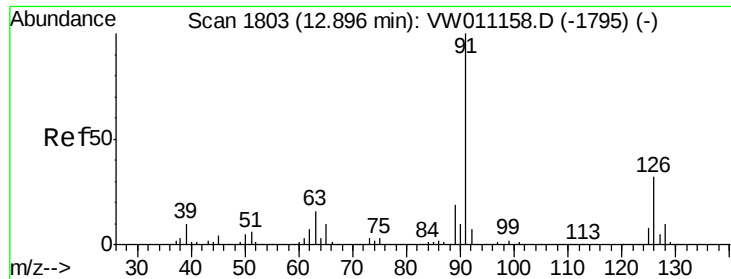
120 21.4 10.8 32.3



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 120.00 (119.70 to 120.70): V

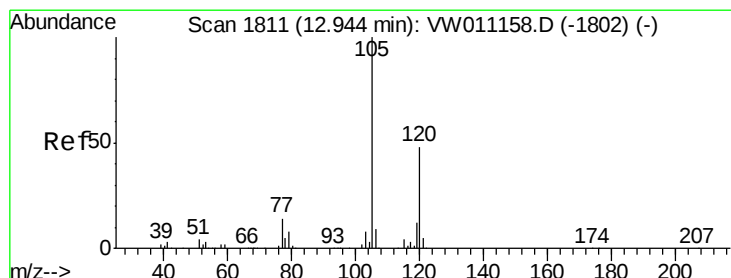
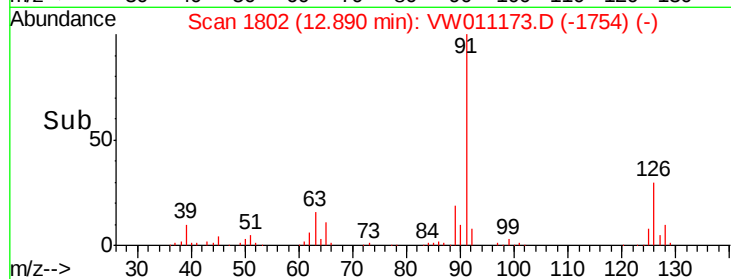
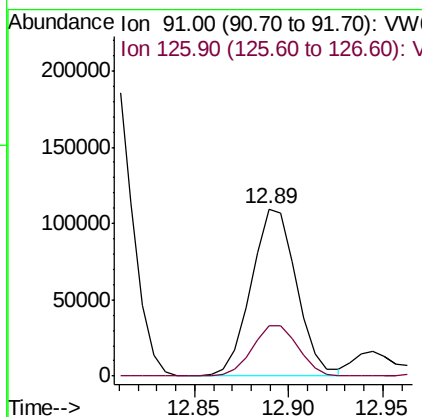
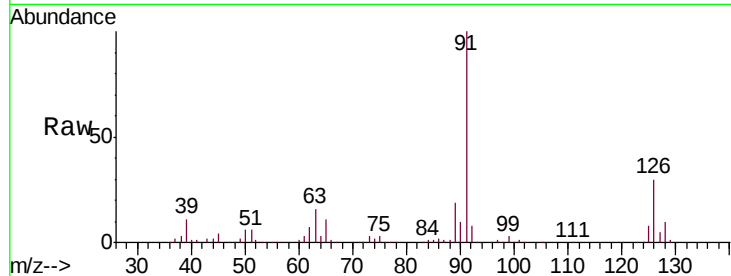




#79
 2-Chlorotoluene
 Concen: 20.321 ug/l
 RT: 12.89 min Scan# 1802
 Delta R.T. -0.01 min
 Lab File: VW011173.D
 Acq: 09 Jul 2019 12:32

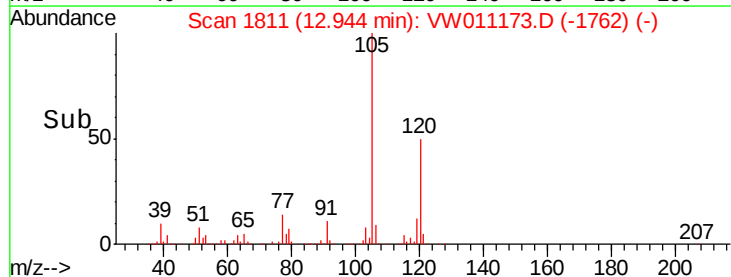
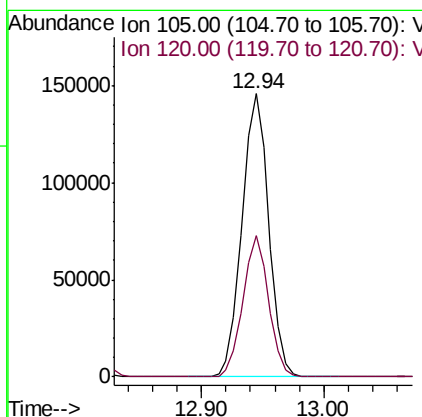
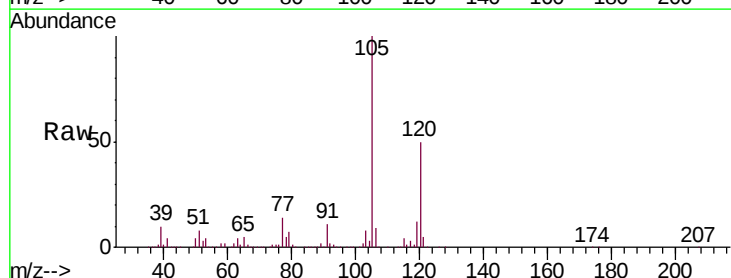
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0709SBSD01

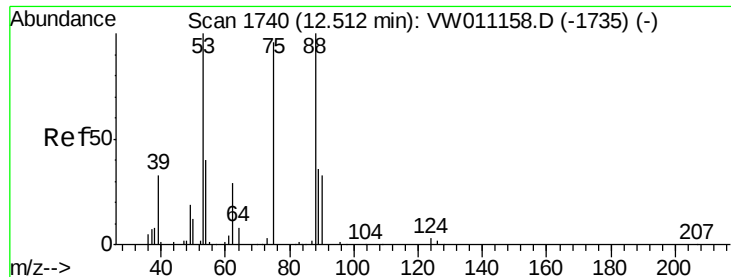
Tgt Ion: 91 Resp: 182890
 Ion Ratio Lower Upper
 91 100
 126 30.8 15.8 47.3



#80
 1,3,5-Trimethylbenzene
 Concen: 20.373 ug/l
 RT: 12.94 min Scan# 1811
 Delta R.T. 0.00 min
 Lab File: VW011173.D
 Acq: 09 Jul 2019 12:32

Tgt Ion: 105 Resp: 219747
 Ion Ratio Lower Upper
 105 100
 120 48.2 24.1 72.2

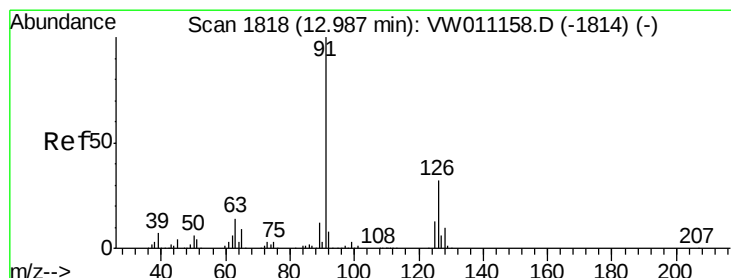
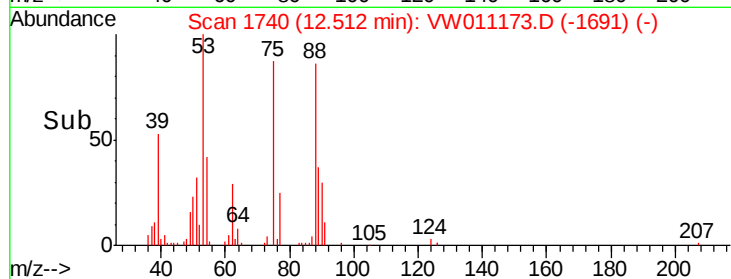
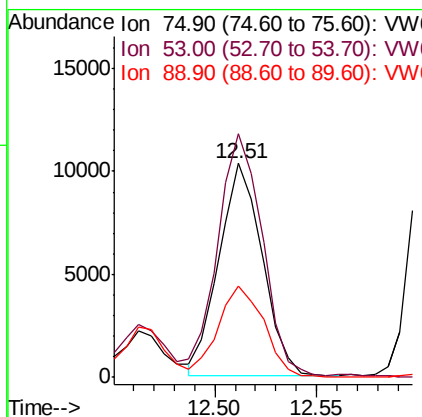
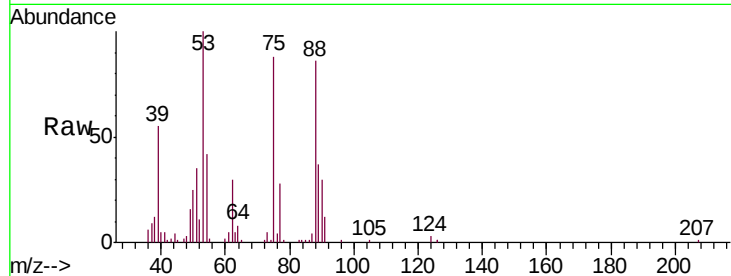




#81
trans-1,4-Dichloro-2-butene
Concen: 17.540 ug/l
RT: 12.51 min Scan# 1740
Delta R.T. 0.00 min
Lab File: VW011173.D
Acq: 09 Jul 2019 12:32

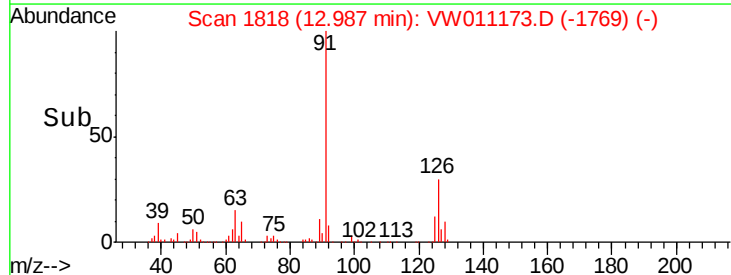
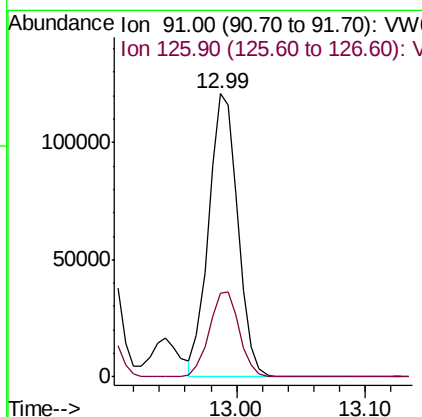
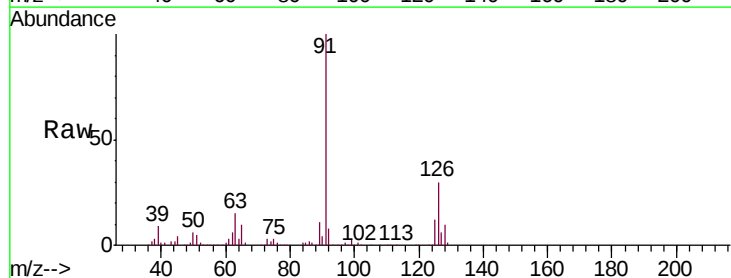
Instrument :
MSVOA_W
ClientSampleId :
VW0709SBSD01

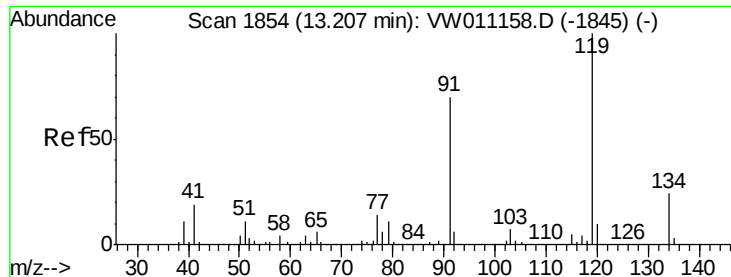
Tgt Ion: 75 Resp: 15221
Ion Ratio Lower Upper
75 100
53 117.9 89.8 134.6
89 45.6 34.3 51.5



#82
4-Chlorotoluene
Concen: 20.382 ug/l
RT: 12.99 min Scan# 1818
Delta R.T. 0.00 min
Lab File: VW011173.D
Acq: 09 Jul 2019 12:32

Tgt Ion: 91 Resp: 191072
Ion Ratio Lower Upper
91 100
126 31.1 15.7 47.1





#83

tert-Butylbenzene

Concen: 20.486 ug/l

RT: 13.21 min Scan# 1854

Delta R.T. 0.00 min

Lab File: VW011173.D

Acq: 09 Jul 2019 12:32

Instrument :

MSVOA_W

ClientSampleId :

VW0709SBS01

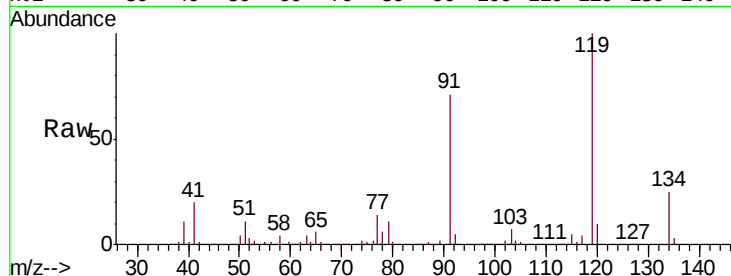
Tgt Ion:119 Resp: 184288

Ion Ratio Lower Upper

119 100

91 69.8 35.4 106.3

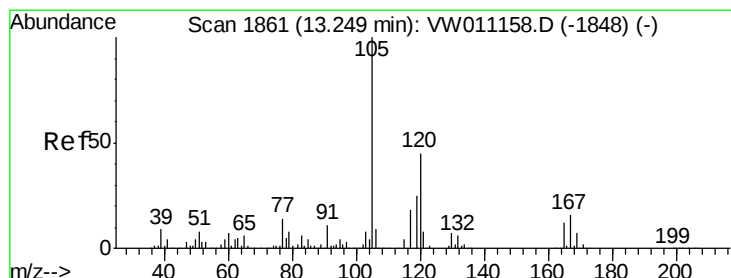
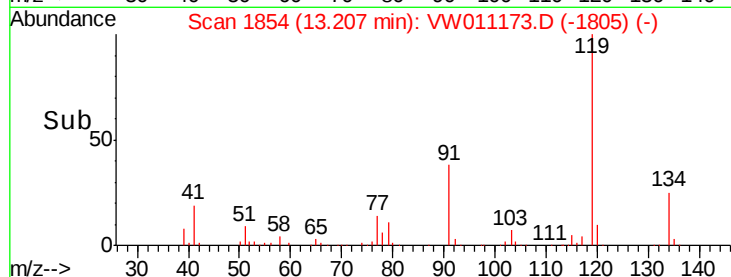
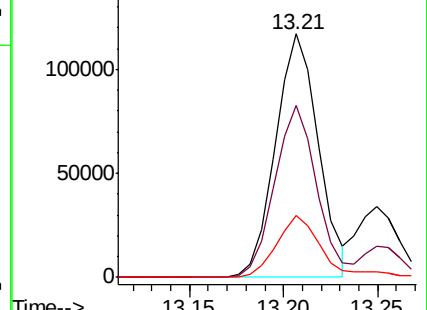
134 26.9 13.4 40.2



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): VV

Ion 134.00 (133.70 to 134.70): V



#84

1,2,4-Trimethylbenzene

Concen: 20.266 ug/l

RT: 13.25 min Scan# 1861

Delta R.T. 0.00 min

Lab File: VW011173.D

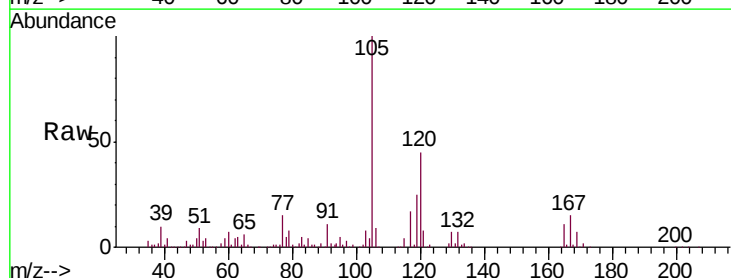
Acq: 09 Jul 2019 12:32

Tgt Ion:105 Resp: 219500

Ion Ratio Lower Upper

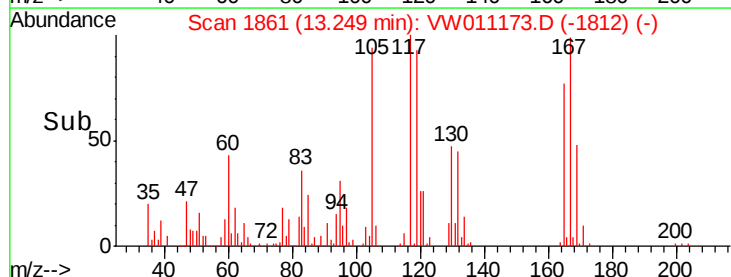
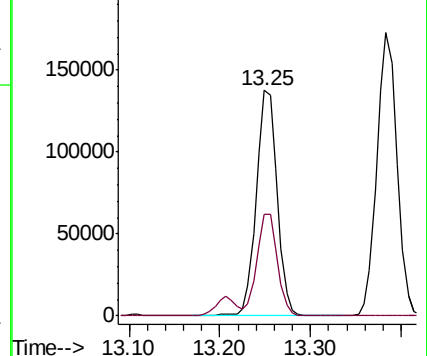
105 100

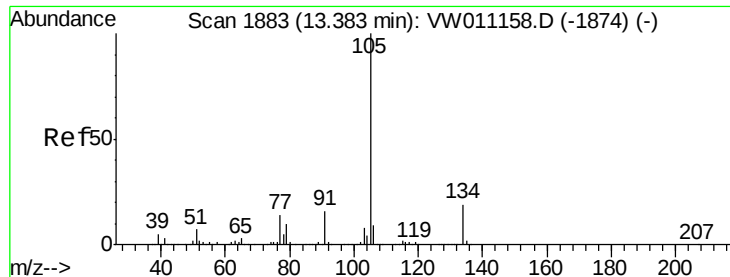
120 44.3 22.3 66.9



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 20.482 ug/l

RT: 13.38 min Scan# 1883

Delta R.T. 0.00 min

Lab File: VW011173.D

Acq: 09 Jul 2019 12:32

Instrument :

MSVOA_W

ClientSampleId :

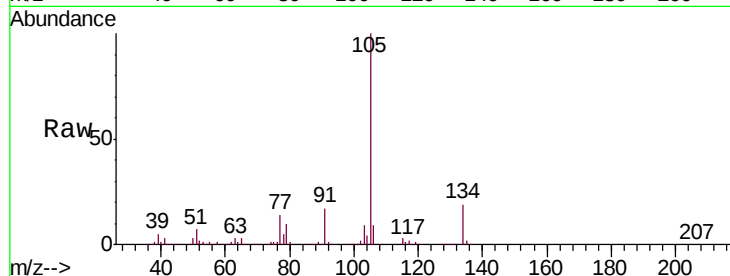
VW0709SBSD01

Tgt Ion:105 Resp: 265859

Ion Ratio Lower Upper

105 100

134 19.4 9.7 28.9



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

13.38

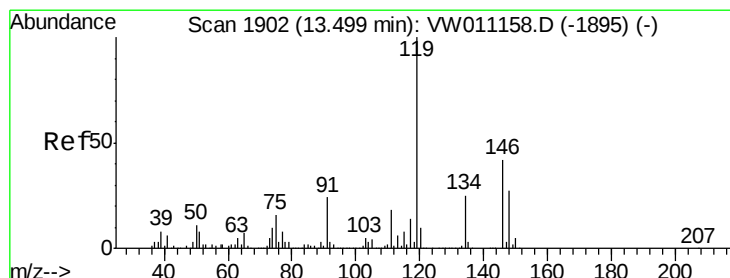
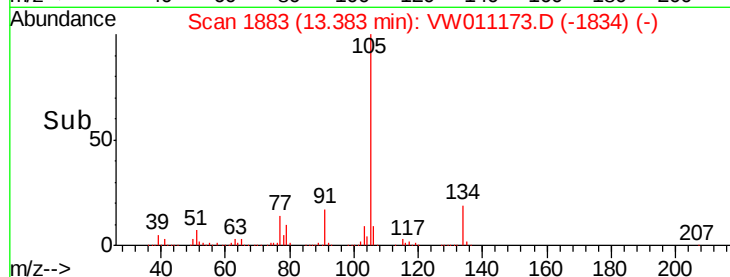
150000

100000

50000

0

Time--> 13.30 13.40



#86

p-Isopropyltoluene

Concen: 20.739 ug/l

RT: 13.50 min Scan# 1902

Delta R.T. 0.00 min

Lab File: VW011173.D

Acq: 09 Jul 2019 12:32

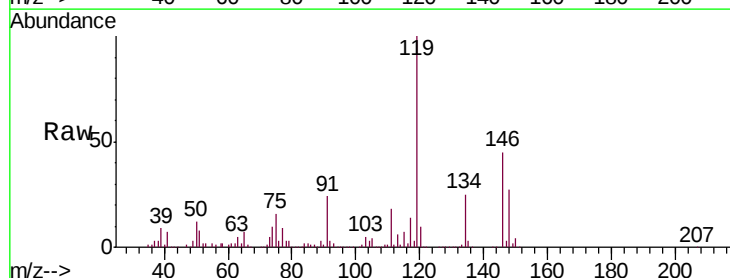
Tgt Ion:119 Resp: 241451

Ion Ratio Lower Upper

119 100

134 25.5 12.9 38.6

91 24.9 12.3 36.8



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

13.50

200000

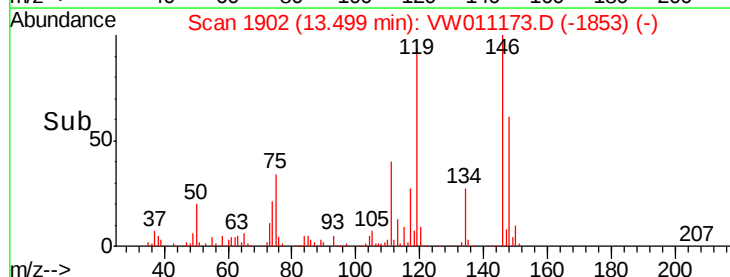
150000

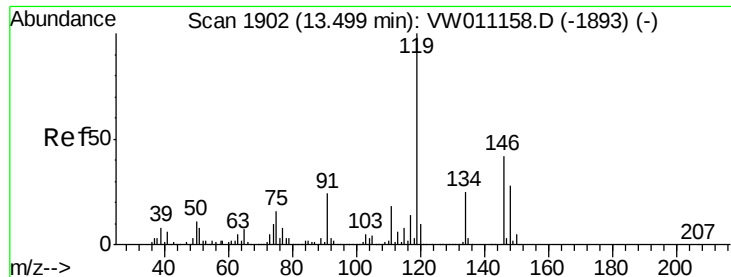
100000

50000

0

Time--> 13.45 13.50 13.55





#87

1,3-Dichlorobenzene

Concen: 20.763 ug/l

RT: 13.50 min Scan# 1902

Delta R.T. 0.00 min

Lab File: VW011173.D

Acq: 09 Jul 2019 12:32

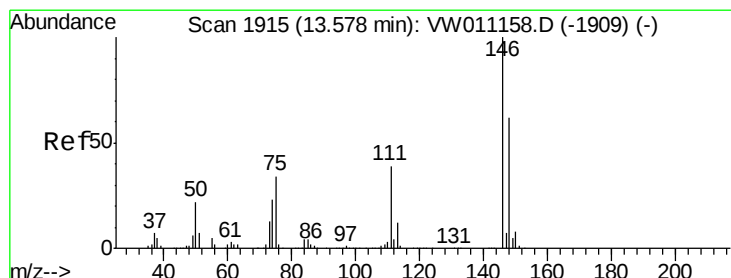
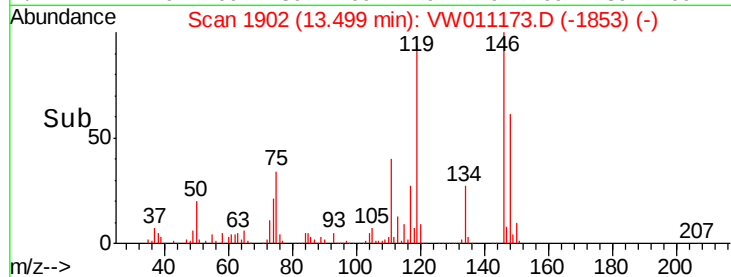
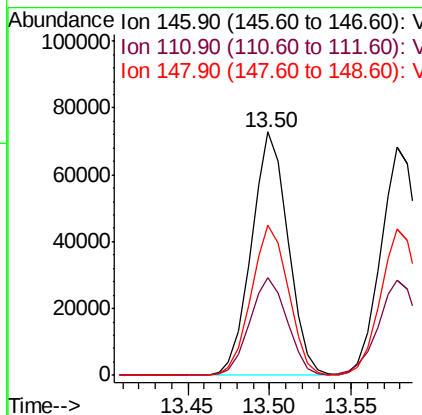
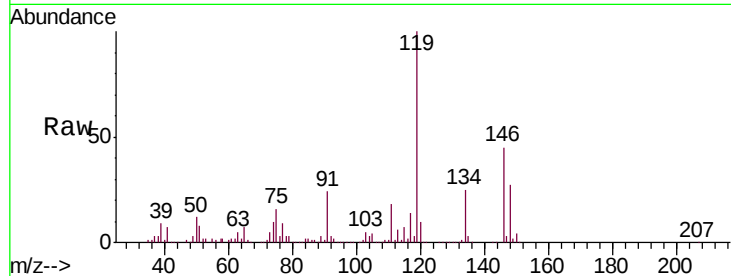
Instrument :

MSVOA_W

ClientSampleId :

VW0709SBSD01

Tgt Ion:	146	Resp:	113826
Ion	Ratio	Lower	Upper
146	100		
111	41.2	21.1	63.1
148	62.4	32.6	97.7



#88

1,4-Dichlorobenzene

Concen: 20.015 ug/l

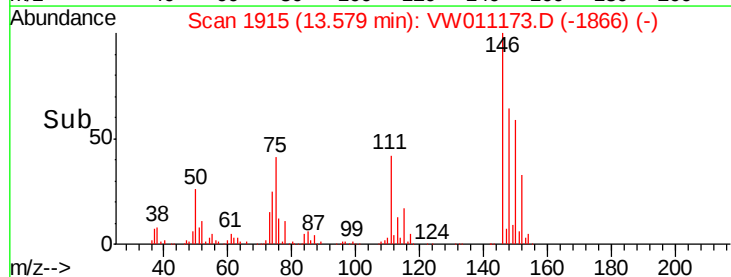
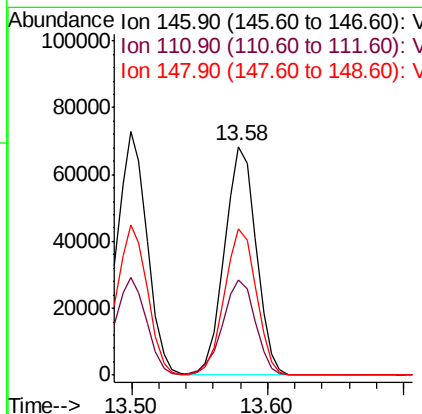
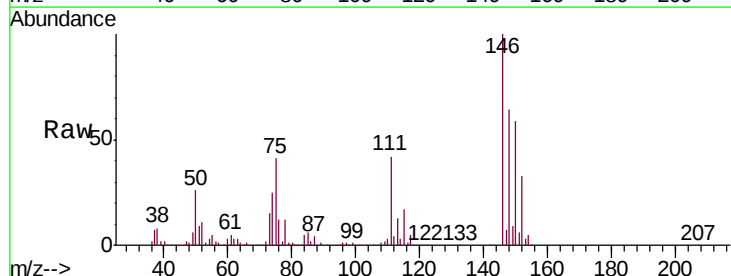
RT: 13.58 min Scan# 1915

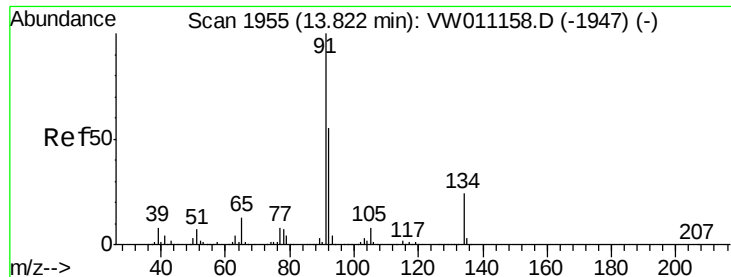
Delta R.T. 0.00 min

Lab File: VW011173.D

Acq: 09 Jul 2019 12:32

Tgt Ion:	146	Resp:	110492
Ion	Ratio	Lower	Upper
146	100		
111	43.3	19.9	59.7
148	64.8	31.5	94.5

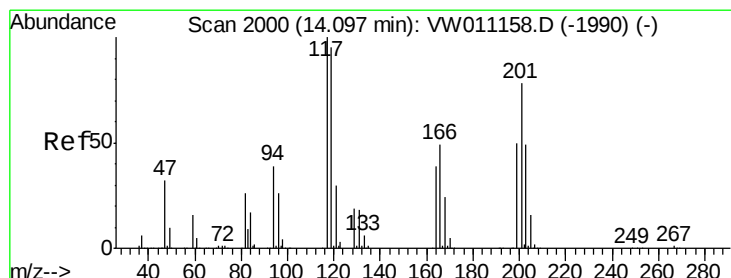
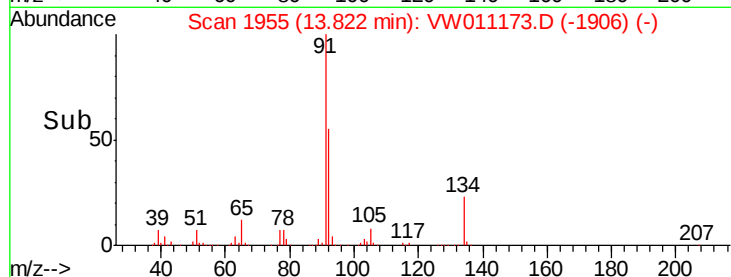
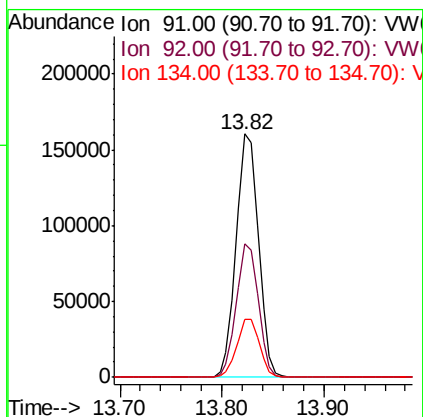
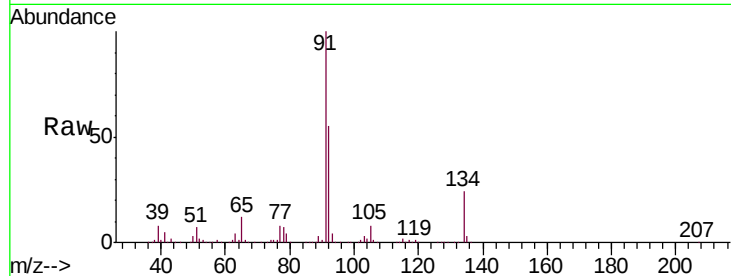




#89
n-Butylbenzene
Concen: 20.857 ug/l
RT: 13.82 min Scan# 1955
Delta R.T. 0.00 min
Lab File: VW011173.D
Acq: 09 Jul 2019 12:32

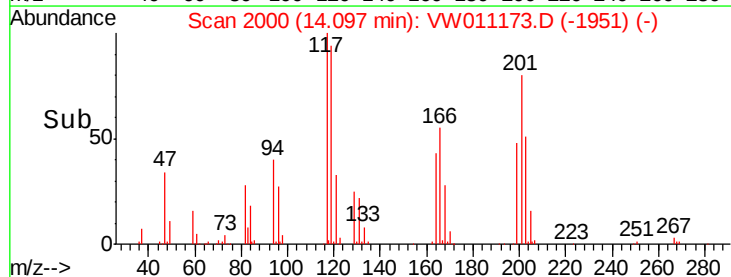
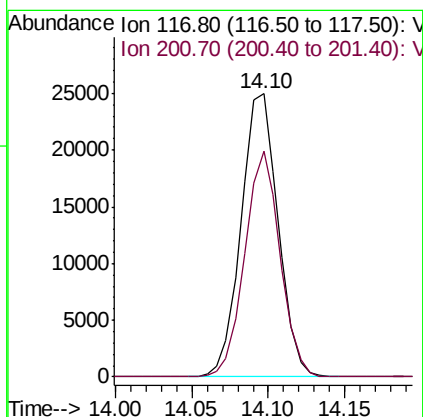
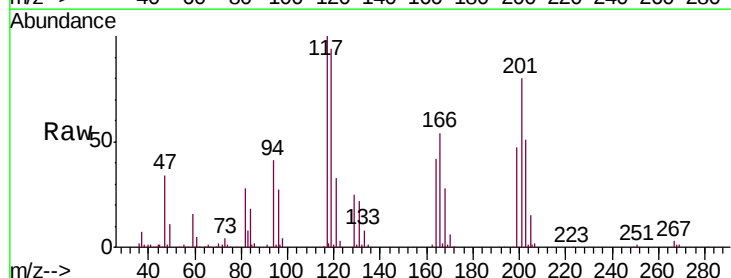
Instrument :
MSVOA_W
ClientSampleId :
VW0709SBSD01

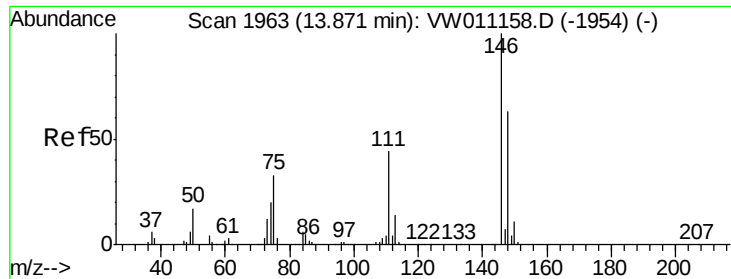
Tgt Ion: 91 Resp: 242231
Ion Ratio Lower Upper
91 100
92 54.1 26.9 80.7
134 24.1 12.2 36.4



#90
Hexachloroethane
Concen: 19.694 ug/l
RT: 14.10 min Scan# 2000
Delta R.T. 0.00 min
Lab File: VW011173.D
Acq: 09 Jul 2019 12:32

Tgt Ion: 117 Resp: 41899
Ion Ratio Lower Upper
117 100
201 76.1 38.3 114.8





#91

1,2-Dichlorobenzene

Concen: 20.351 ug/l

RT: 13.87 min Scan# 1963

Delta R.T. 0.00 min

Lab File: VW011173.D

Acq: 09 Jul 2019 12:32

Instrument :

MSVOA_W

ClientSampleId :

VW0709SBSD01

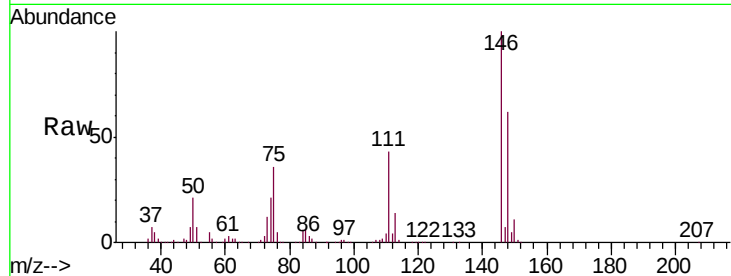
Tgt Ion:146 Resp: 101214

Ion Ratio Lower Upper

146 100

111 43.0 21.6 65.0

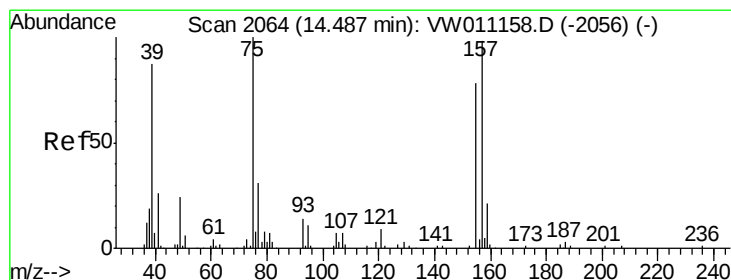
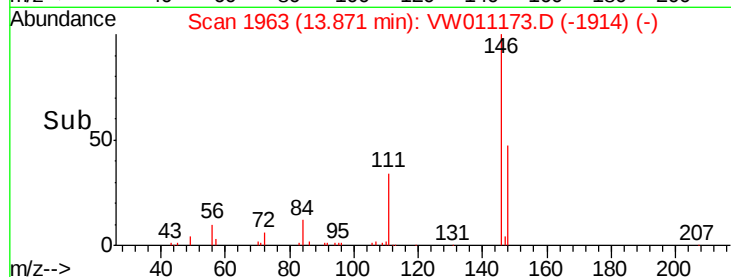
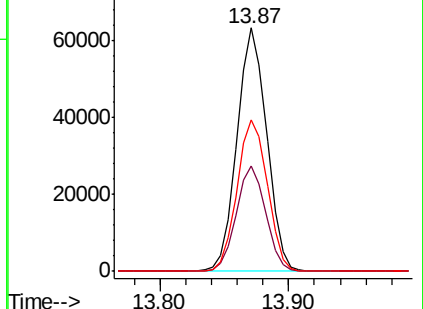
148 63.6 31.9 95.5



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 18.878 ug/l

RT: 14.49 min Scan# 2064

Delta R.T. 0.00 min

Lab File: VW011173.D

Acq: 09 Jul 2019 12:32

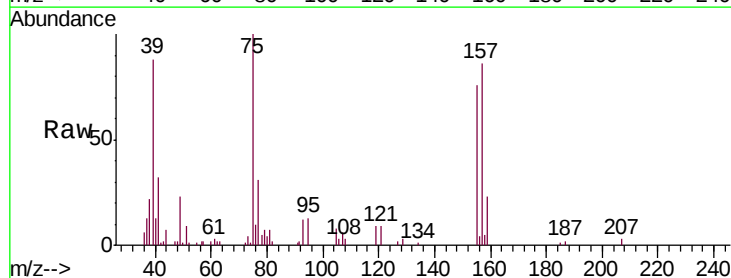
Tgt Ion: 75 Resp: 8715

Ion Ratio Lower Upper

75 100

155 74.8 37.1 111.3

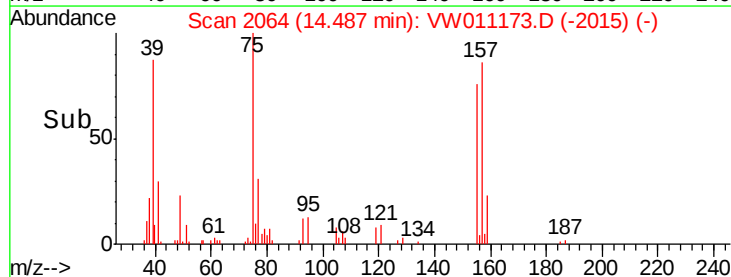
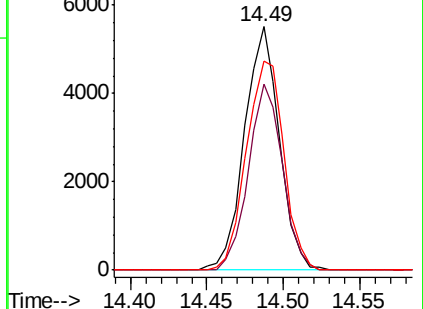
157 92.4 48.5 145.6

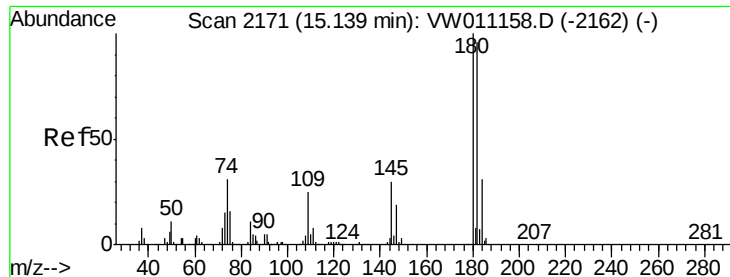


Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

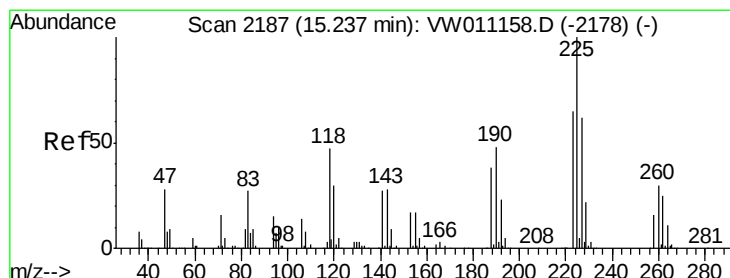
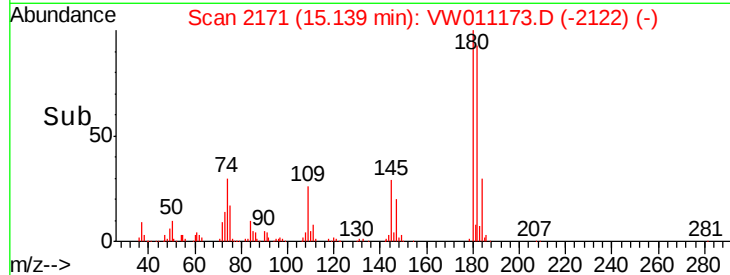
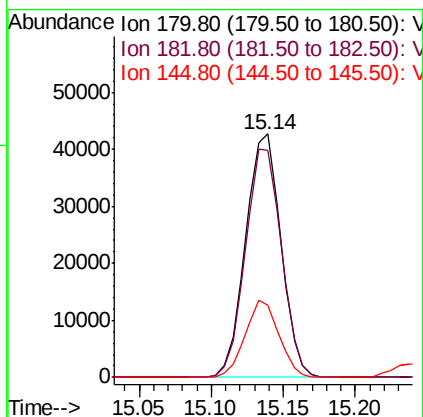
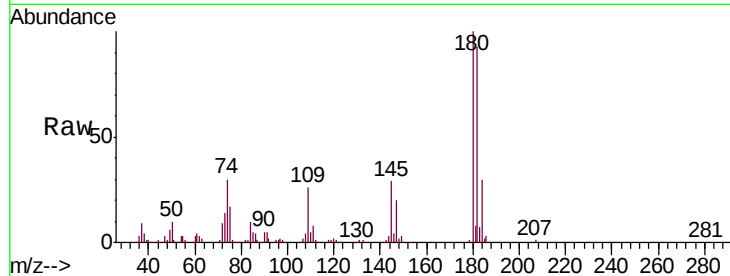




#93
 1,2,4-Trichlorobenzene
 Concen: 21.132 ug/l
 RT: 15.14 min Scan# 2171
 Delta R.T. 0.00 min
 Lab File: VW011173.D
 Acq: 09 Jul 2019 12:32

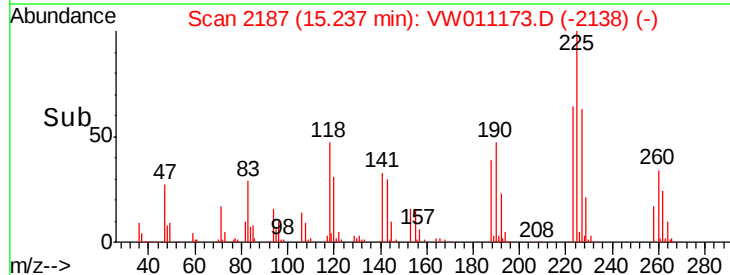
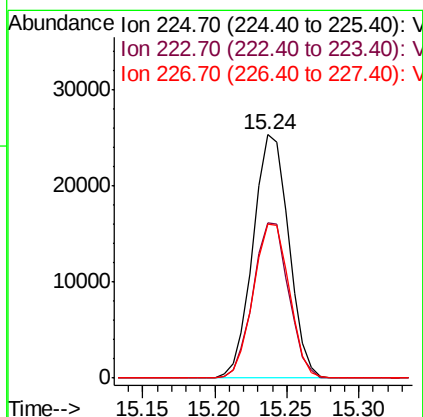
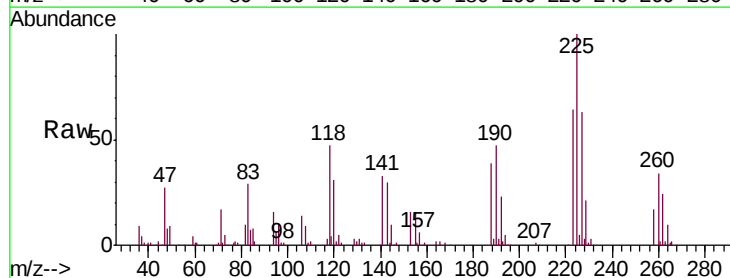
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0709SBS01

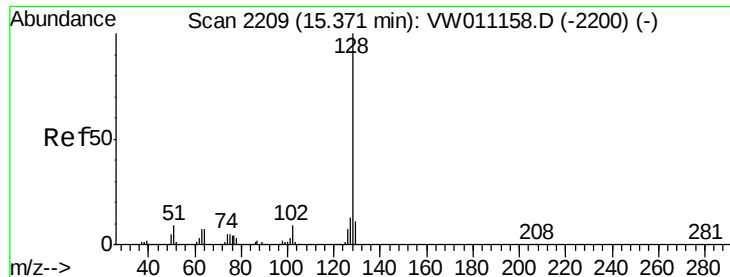
Tgt Ion:180 Resp: 72390
 Ion Ratio Lower Upper
 180 100
 182 95.4 48.3 144.9
 145 30.3 15.5 46.5



#94
 Hexachlorobutadiene
 Concen: 20.657 ug/l
 RT: 15.24 min Scan# 2187
 Delta R.T. 0.00 min
 Lab File: VW011173.D
 Acq: 09 Jul 2019 12:32

Tgt Ion:225 Resp: 43444
 Ion Ratio Lower Upper
 225 100
 223 63.4 31.6 95.0
 227 63.6 32.0 96.0

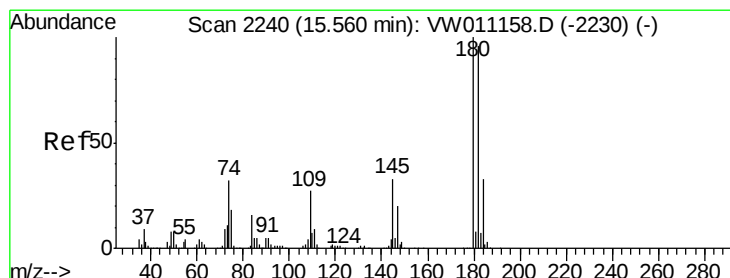
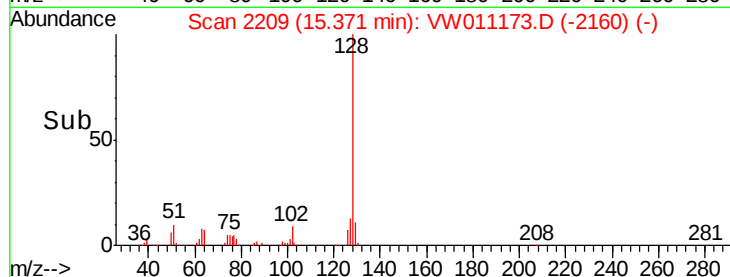
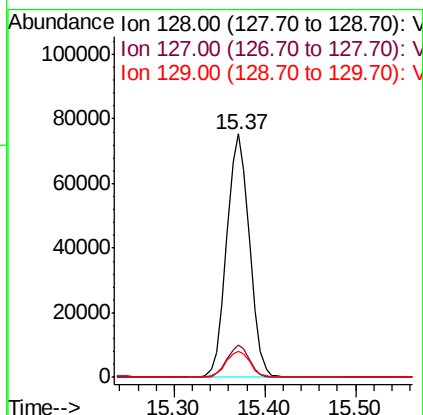
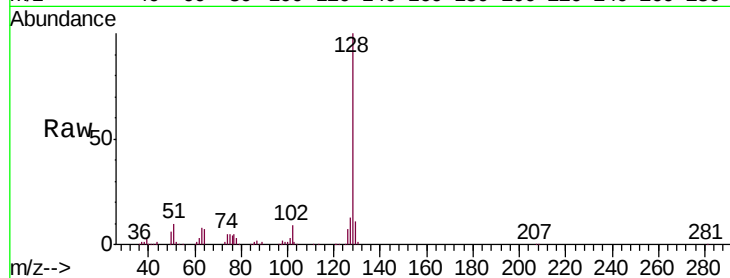




#95
Naphthalene
Concen: 20.023 ug/l
RT: 15.37 min Scan# 2209
Delta R.T. 0.00 min
Lab File: VW011173.D
Acq: 09 Jul 2019 12:32

Instrument :
MSVOA_W
ClientSampleId :
VW0709SBSD01

Tgt Ion:128 Resp: 131440
Ion Ratio Lower Upper
128 100
127 13.1 10.6 16.0
129 11.3 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 20.973 ug/l
RT: 15.56 min Scan# 2240
Delta R.T. 0.00 min
Lab File: VW011173.D
Acq: 09 Jul 2019 12:32

Tgt Ion:180 Resp: 63407
Ion Ratio Lower Upper
180 100
182 95.5 47.6 142.8
145 32.1 16.5 49.5

