

Data File : VW012788.D
Acq On : 08 Sep 2019 23:56
Operator : SY/VA
Sample : VW0908SBS02
Misc : 5.00G/5ML/MSVOA_W/SOIL
ALS Vial : 29 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VW0908SBS02

Quant Time: Sep 09 06:04:19 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W090719S.M
Quant Title : SW846 8260
QLast Update : Sun Sep 08 05:04:40 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	210525	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	299487	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	255992	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.55	152	125689	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.30	65	105734	44.95	ug/l	0.00
Spiked Amount	50.000		Recovery	=	89.90%	
35) Dibromofluoromethane	7.88	113	83063	46.65	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.30%	
50) Toluene-d8	10.32	98	334856	48.00	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.00%	
62) 4-Bromofluorobenzene	12.62	95	112366	44.37	ug/l	0.00
Spiked Amount	50.000		Recovery	=	88.74%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.01	85	25229	22.105	ug/l	97
3) Chloromethane	2.21	50	29440	21.225	ug/l	89
4) Vinyl Chloride	2.36	62	38695	22.753	ug/l	99
5) Bromomethane	2.77	94	20409	22.100	ug/l	96
6) Chloroethane	2.90	64	22031	21.708	ug/l	99
7) Trichlorofluoromethane	3.24	101	21095	17.975	ug/l	100
8) Diethyl Ether	3.68	74	17641	17.885	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	4.06	101	39139	21.251	ug/l	96
10) Methyl Iodide	4.26	142	44847	19.343	ug/l	97
11) Tert butyl alcohol	5.12	59	198	1.100	ug/l #	72
12) 1,1-Dichloroethene	4.03	96	34671	19.942	ug/l	96
13) Acrolein	3.89	56	12119	63.455	ug/l	99
14) Allyl chloride	4.66	41	62790	17.459	ug/l	96
15) Acrylonitrile	5.37	53	49854	86.535	ug/l	99
16) Acetone	4.14	43	44221	68.958	ug/l	99
17) Carbon Disulfide	4.37	76	71469	19.366	ug/l #	95
18) Methyl Acetate	4.67	43	26240	17.441	ug/l	96
19) Methyl tert-butyl Ether	5.42	73	63362	18.377	ug/l	91
20) Methylene Chloride	4.91	84	36198	18.043	ug/l	98
21) trans-1,2-Dichloroethene	5.42	96	37242	20.994	ug/l	94
22) Diisopropyl ether	6.31	45	129918	18.213	ug/l #	92
23) Vinyl Acetate	6.25	43	385771	85.337	ug/l	100
24) 1,1-Dichloroethane	6.20	63	74634	19.432	ug/l	100
25) 2-Butanone	7.17	43	69072	87.074	ug/l	98
26) 2,2-Dichloropropane	7.17	77	42631	17.574	ug/l	97
27) cis-1,2-Dichloroethene	7.17	96	40776	19.824	ug/l	97
28) Bromochloromethane	7.51	49	29182	16.547	ug/l #	92
29) Tetrahydrofuran	7.53	42	44181	85.316	ug/l	96
30) Chloroform	7.67	83	74847	19.663	ug/l	99
31) Cyclohexane	7.95	56	70067	20.264	ug/l #	88
32) 1,1,1-Trichloroethane	7.87	97	64556	20.923	ug/l	99
36) 1,1-Dichloropropene	8.08	75	58659	22.044	ug/l	99
37) Ethyl Acetate	7.26	43	31515	18.578	ug/l	99
38) Carbon Tetrachloride	8.07	117	59631	22.733	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.33	83	67125	22.460	ug/l	98
40) Benzene	8.32	78	154854	20.974	ug/l	98
41) Methacrylonitrile	7.48	41	20065	19.903	ug/l	94
42) 1,2-Dichloroethane	8.40	62	53568	20.616	ug/l	99
43) Isopropyl Acetate	8.42	43	58550	18.218	ug/l	96
44) Trichloroethene	9.09	130	41823	21.976	ug/l	88
45) 1,2-Dichloropropane	9.37	63	39857	19.464	ug/l	96
46) Dibromomethane	9.46	93	19299	19.903	ug/l	98
47) Bromodichloromethane	9.64	83	51999	19.492	ug/l	99
48) Methyl methacrylate	9.43	41	27508	17.911	ug/l	97
49) 1,4-Dioxane	9.47	88	6560	342.492	ug/l #	76
51) 4-Methyl-2-Pentanone	10.21	43	153644	91.109	ug/l	98
52) Toluene	10.38	92	96219	20.881	ug/l	99
53) t-1,3-Dichloropropene	10.60	75	50065	18.251	ug/l	98
54) cis-1,3-Dichloropropene	10.07	75	58140	18.683	ug/l	96
55) 1,1,2-Trichloroethane	10.79	97	27927	19.237	ug/l	97
56) Ethyl methacrylate	10.65	69	39331	18.509	ug/l	99
57) 1,3-Dichloropropane	10.93	76	52410	19.515	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.92	63	104500	92.631	ug/l	96
59) 2-Hexanone	10.97	43	104432	84.764	ug/l	100
60) Dibromochloromethane	11.13	129	32613	19.102	ug/l	99
61) 1,2-Dibromoethane	11.23	107	25840	19.415	ug/l	96
64) Tetrachloroethene	10.86	164	39302	25.302	ug/l	93
65) Chlorobenzene	11.65	112	99872	20.642	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.73	131	36767	20.406	ug/l	97
67) Ethyl Benzene	11.73	91	189699	20.897	ug/l	98
68) m/p-Xylenes	11.84	106	137565	41.983	ug/l	100
69) o-Xylene	12.16	106	64030	20.713	ug/l	100
70) Styrene	12.18	104	109363	20.020	ug/l	98
71) Bromoform	12.35	173	19889	19.868	ug/l #	94
73) Isopropylbenzene	12.46	105	188129	20.869	ug/l	100
74) N-amyl acetate	12.27	43	51375	17.954	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.71	83	34287	18.939	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	44213	34.401	ug/l #	100
77) Bromobenzene	12.74	156	42700	20.907	ug/l	94
78) n-propylbenzene	12.80	91	223295	20.711	ug/l	100
79) 2-Chlorotoluene	12.89	91	126527	20.442	ug/l	99
80) 1,3,5-Trimethylbenzene	12.94	105	156500	20.602	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.51	75	10194	16.776	ug/l	96
82) 4-Chlorotoluene	12.99	91	132788	20.282	ug/l	99
83) tert-Butylbenzene	13.21	119	141353	21.045	ug/l	99
84) 1,2,4-Trimethylbenzene	13.25	105	155836	20.360	ug/l	99
85) sec-Butylbenzene	13.38	105	193589	20.771	ug/l	99
86) p-Isopropyltoluene	13.49	119	173466	20.376	ug/l	99
87) 1,3-Dichlorobenzene	13.49	146	81304	20.253	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	79702	19.953	ug/l	99
89) n-Butylbenzene	13.82	91	161916	19.591	ug/l	99
90) Hexachloroethane	14.09	117	30437	20.480	ug/l	100
91) 1,2-Dichlorobenzene	13.87	146	73035	20.213	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	5734	17.307	ug/l	95

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW090819\
Quantitation Report (Not Reviewed)

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Quant Title : SW846 8260
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.13	180	48459	19.263	ug/l	98
94) Hexachlorobutadiene	15.24	225	35960	20.652	ug/l	99
95) Naphthalene	15.36	128	84630	19.063	ug/l	98
96) 1,2,3-Trichlorobenzene	15.55	180	43378	19.535	ug/l	98

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

Data File : VW012788.D

Acq On : 08 Sep 2019 23:56

Operator : SY/VA

Sample : VW0908SBS02

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

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ALS Vial      : 29      Sample Multiplier: 1
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Instrument :
MSVOA_W
ClientSampleId :
VW0908SBS02

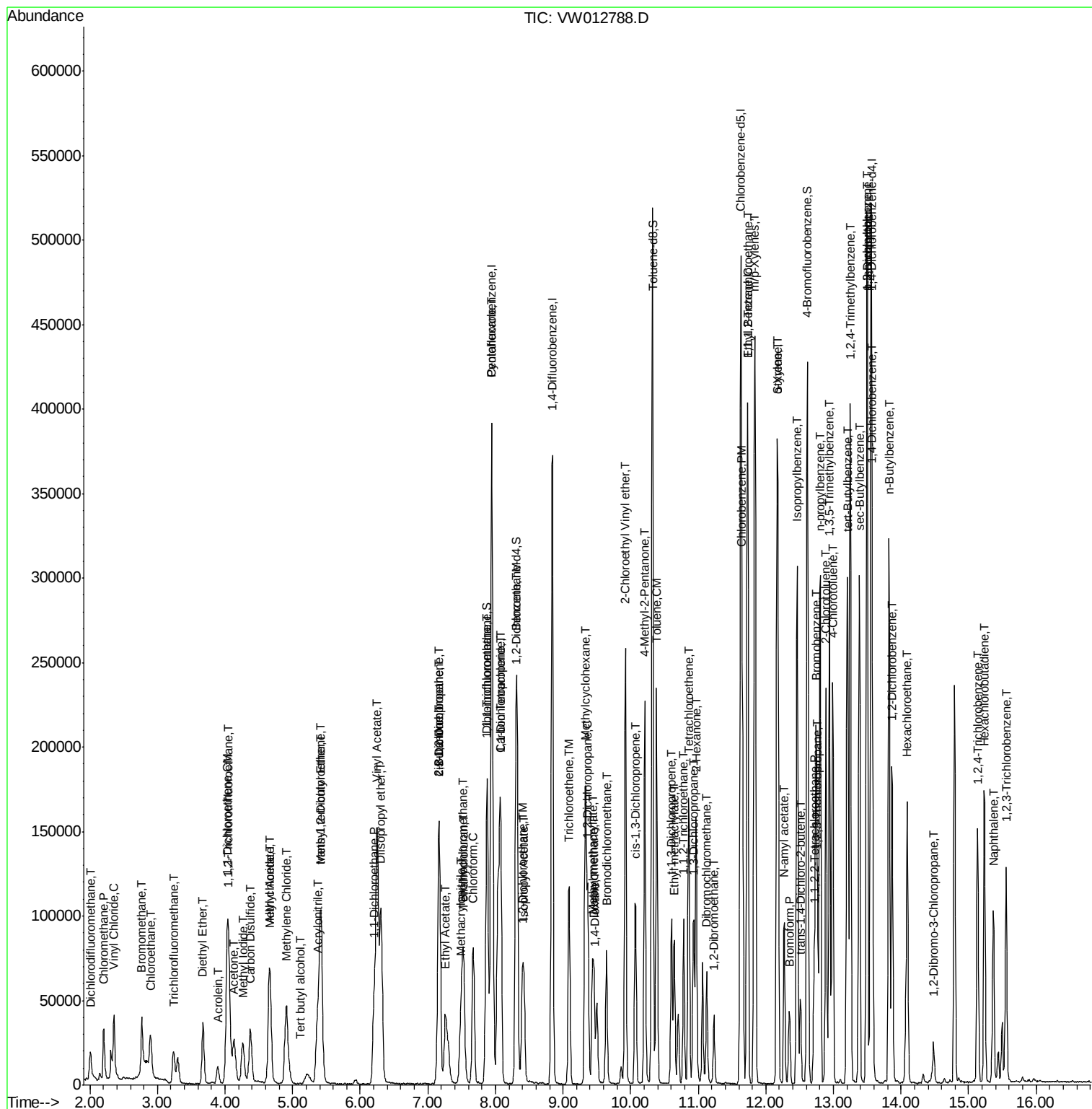
Quant Time: Sep 09 06:04:19 2019

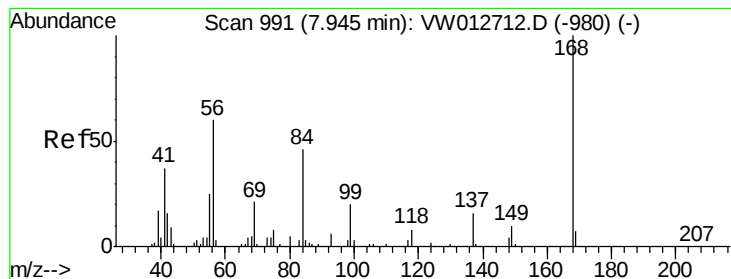
Quant Method : Z:\V0ASRV\HPCHEM1\MSV0A_W\METHOD\82W090719S.M

Quant Title : SW846 8260

QLast Update : Sun Sep 08 05:04:40 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: VW012788.D

Acq: 08 Sep 2019 23:56

Instrument :

MSVOA_W

ClientSampleId :

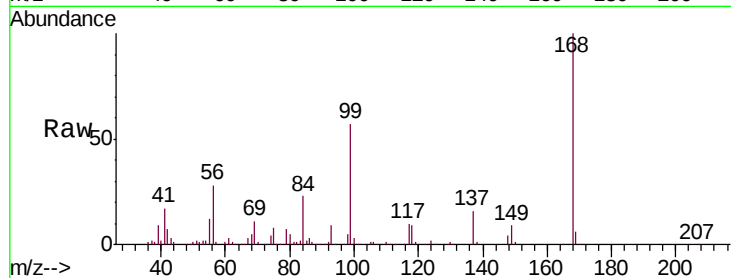
VW0908SBS02

Tgt Ion:168 Resp: 210525

Ion Ratio Lower Upper

168 100

99 56.9 47.8 71.6



Abundance Ion 167.90 (167.60 to 168.60): VW

Ion 98.90 (98.60 to 99.60): VW

7.95

100000

80000

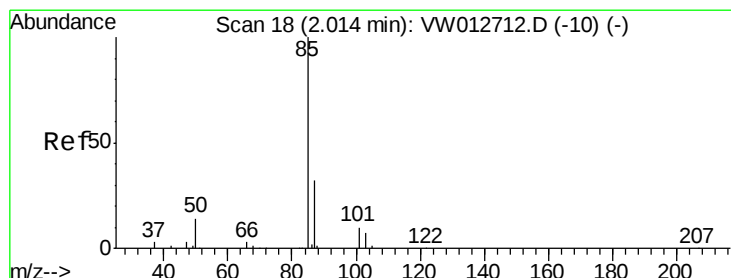
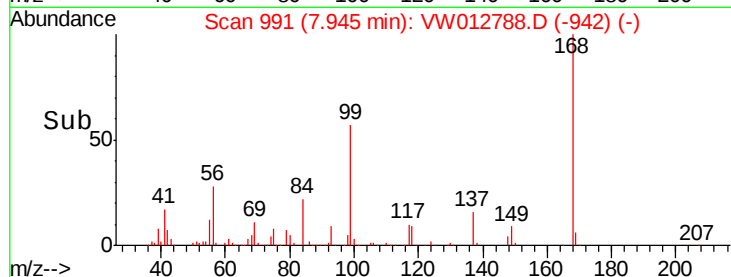
60000

40000

20000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 22.105 ug/l

RT: 2.01 min Scan# 17

Delta R.T. -0.01 min

Lab File: VW012788.D

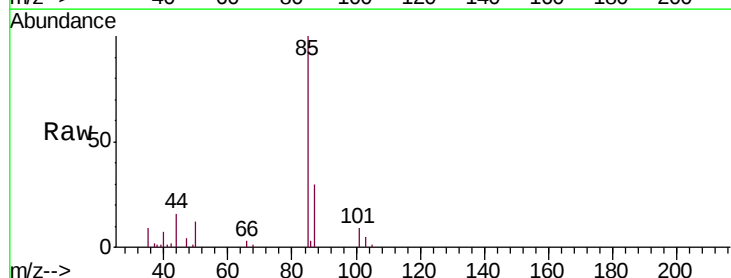
Acq: 08 Sep 2019 23:56

Tgt Ion: 85 Resp: 25229

Ion Ratio Lower Upper

85 100

87 30.0 15.8 47.4



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW

2.01

10000

8000

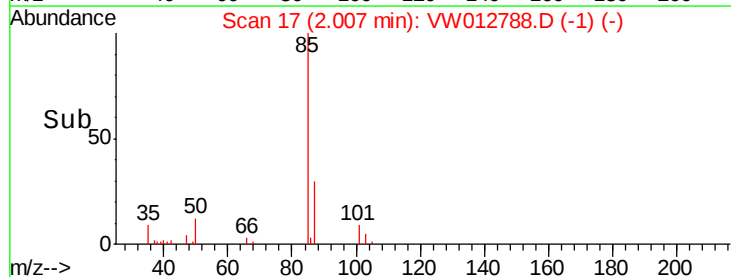
6000

4000

2000

0

Time-->





#3

Chloromethane

Concen: 21.225 ug/l

RT: 2.21 min Scan# 50

Delta R.T. -0.01 min

Lab File: VW012788.D

Acq: 08 Sep 2019 23:56

Instrument :

MSVOA_W

ClientSampleId :

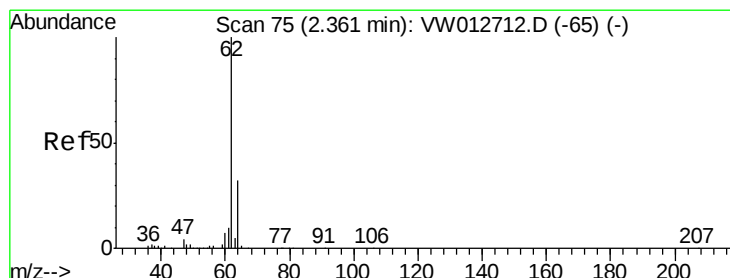
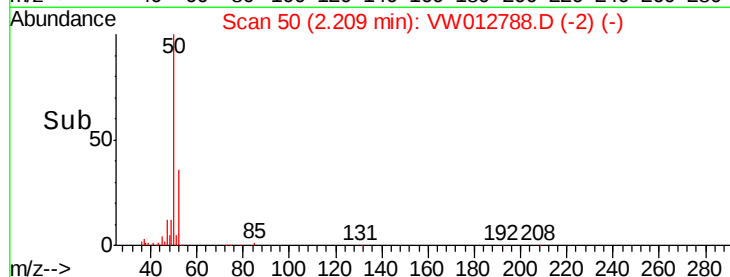
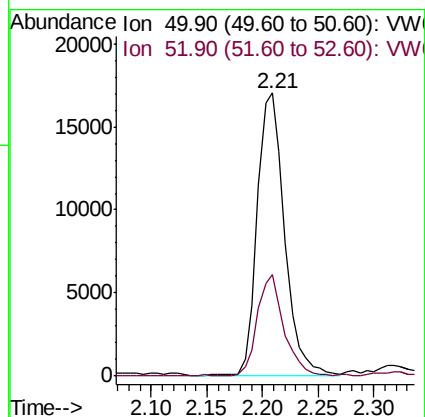
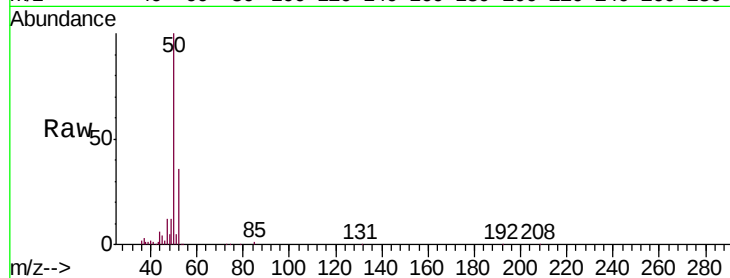
VW0908SBS02

Tgt Ion: 50 Resp: 29440

Ion Ratio Lower Upper

50 100

52 36.0 24.2 36.2



#4

Vinyl Chloride

Concen: 22.753 ug/l

RT: 2.36 min Scan# 74

Delta R.T. -0.01 min

Lab File: VW012788.D

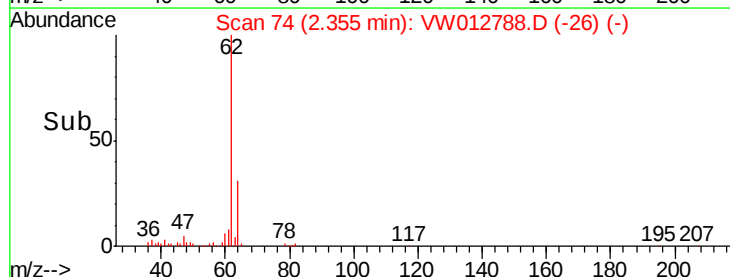
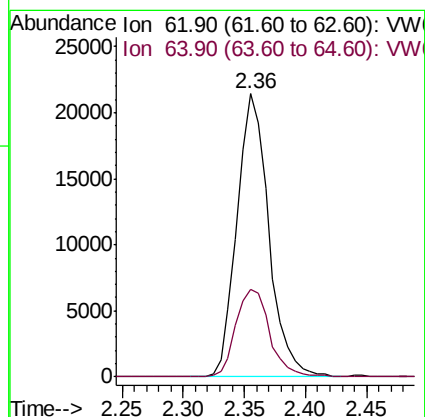
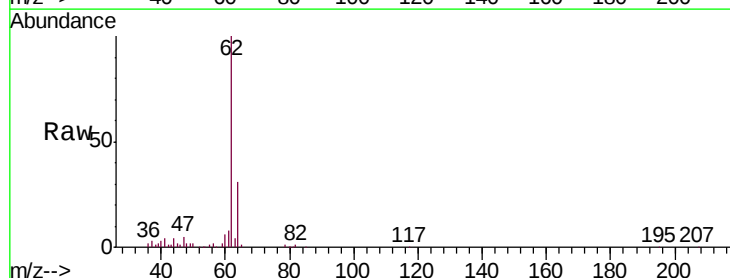
Acq: 08 Sep 2019 23:56

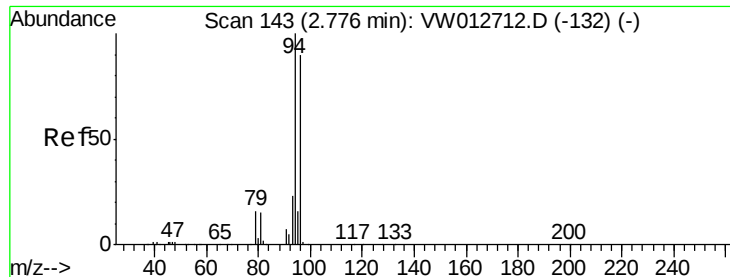
Tgt Ion: 62 Resp: 38695

Ion Ratio Lower Upper

62 100

64 31.0 25.3 37.9





#5

Bromomethane

Concen: 22.100 ug/l

RT: 2.77 min Scan# 142

Delta R.T. -0.01 min

Lab File: VW012788.D

Acq: 08 Sep 2019 23:56

Instrument :

MSVOA_W

ClientSampleId :

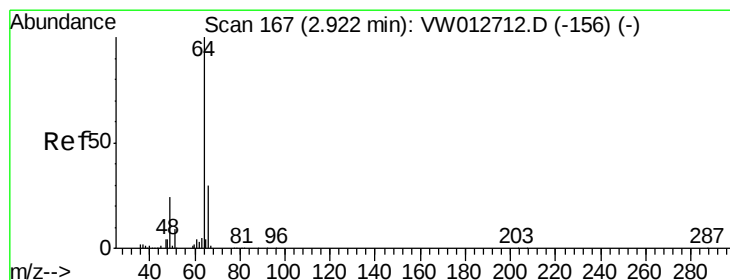
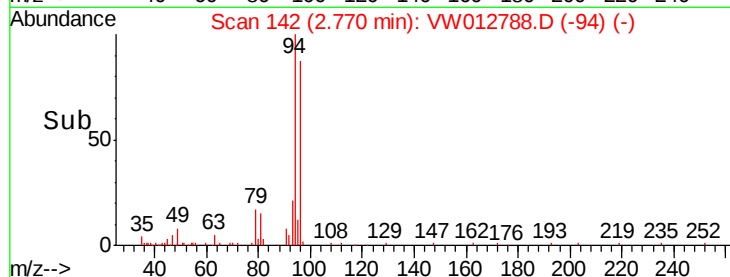
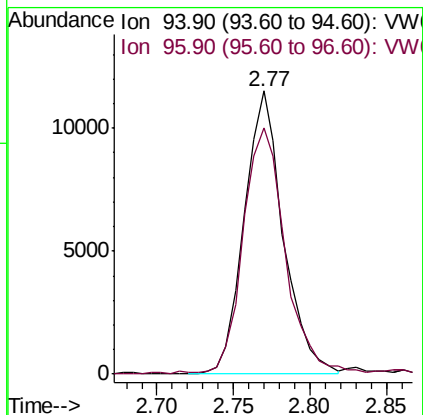
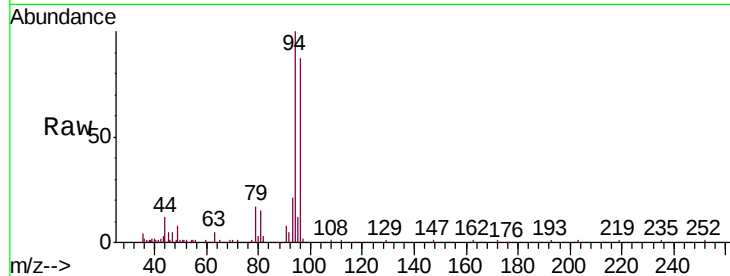
VW0908SBS02

Tgt Ion: 94 Resp: 20409

Ion Ratio Lower Upper

94 100

96 86.0 72.1 108.1



#6

Chloroethane

Concen: 21.708 ug/l

RT: 2.90 min Scan# 163

Delta R.T. -0.02 min

Lab File: VW012788.D

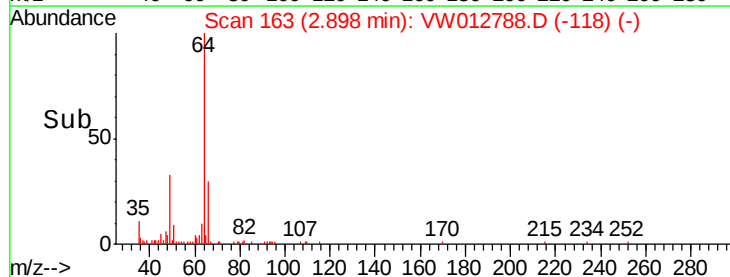
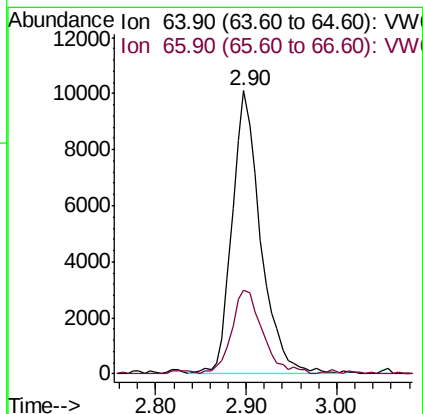
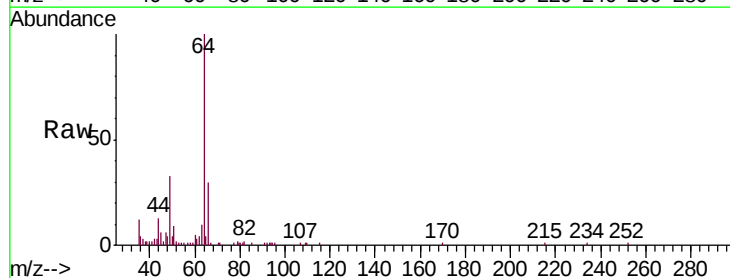
Acq: 08 Sep 2019 23:56

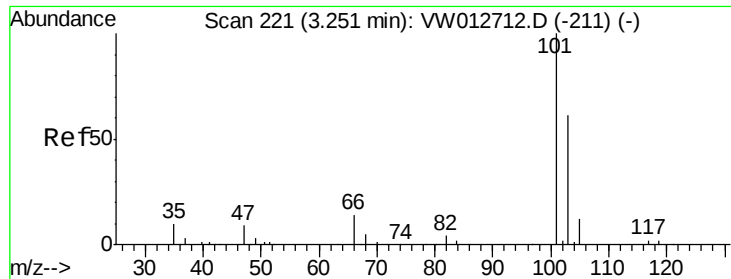
Tgt Ion: 64 Resp: 22031

Ion Ratio Lower Upper

64 100

66 29.1 23.8 35.6



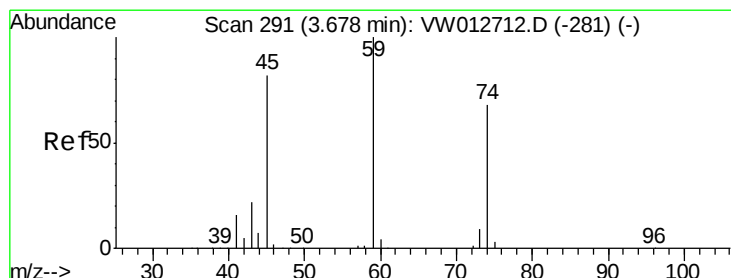
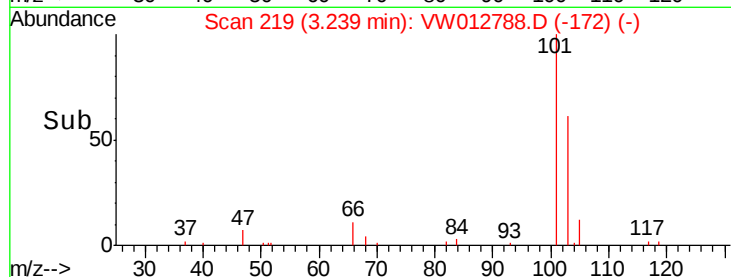
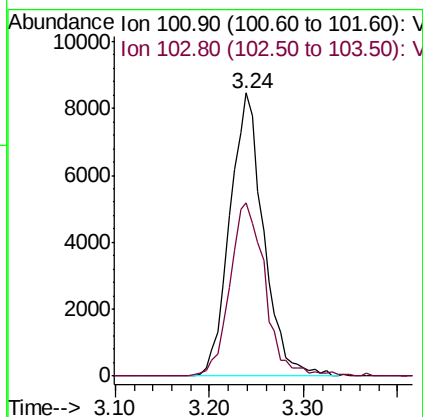
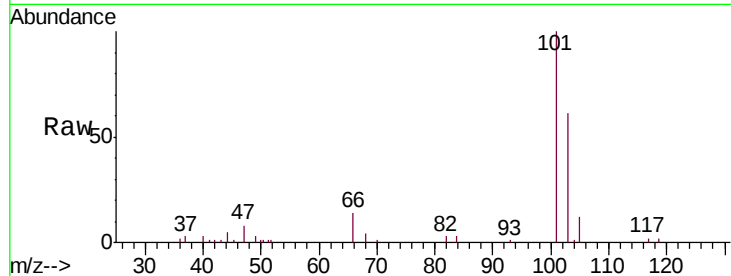


#7

Trichlorofluoromethane
 Concen: 17.975 ug/l
 RT: 3.24 min Scan# 219
 Delta R.T. -0.01 min
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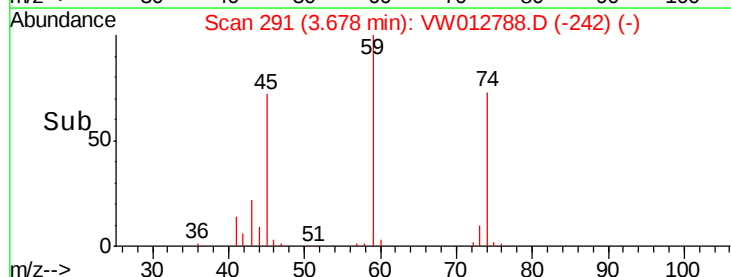
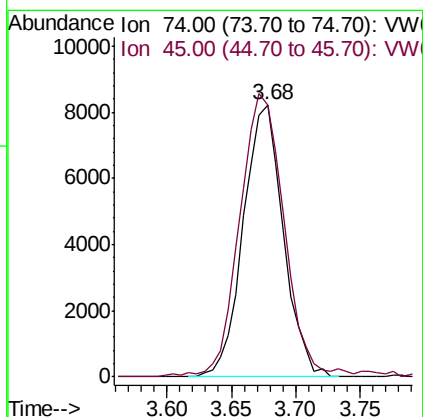
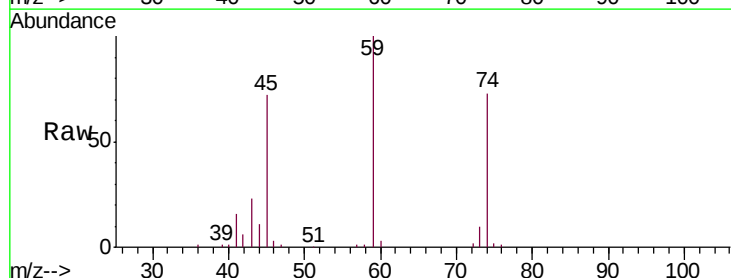
Tgt Ion: 101 Resp: 21095
 Ion Ratio Lower Upper
 101 100
 103 61.4 49.0 73.4

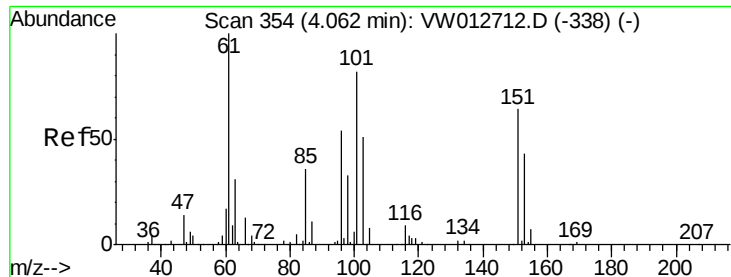


#8

Diethyl Ether
 Concen: 17.885 ug/l
 RT: 3.68 min Scan# 291
 Delta R.T. 0.00 min
 Lab File: VW012788.D
 Acq: 08 Sep 2019 23:56

Tgt Ion: 74 Resp: 17641
 Ion Ratio Lower Upper
 74 100
 45 116.8 58.8 176.4





#9

1,1,2-Trichlorotrifluoroethane

Concen: 21.251 ug/l

RT: 4.06 min Scan# 353

Delta R.T. -0.01 min

Lab File: VW012788.D

Acq: 08 Sep 2019 23:56

Instrument :

MSVOA_W

ClientSampleId :

VW0908SBS02

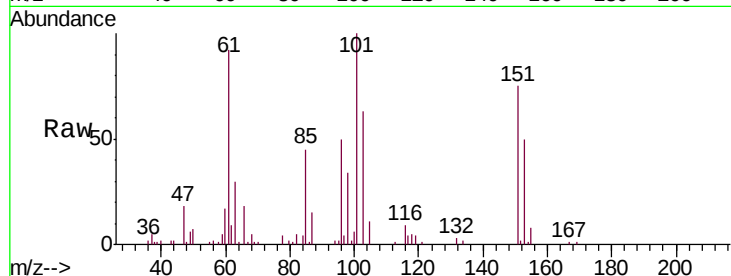
Tgt Ion:101 Resp: 39139

Ion Ratio Lower Upper

101 100

85 46.6 36.2 54.2

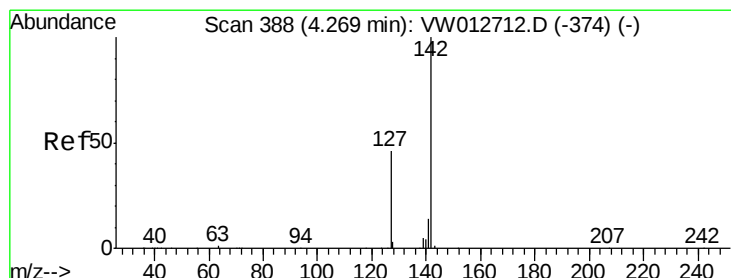
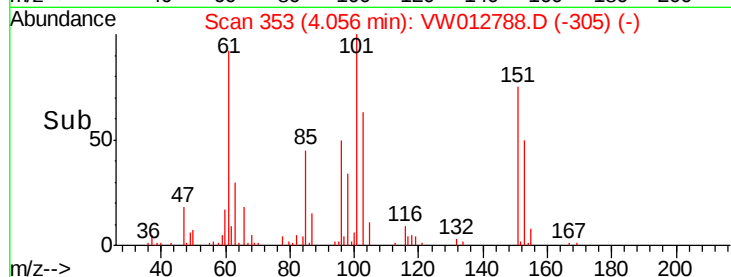
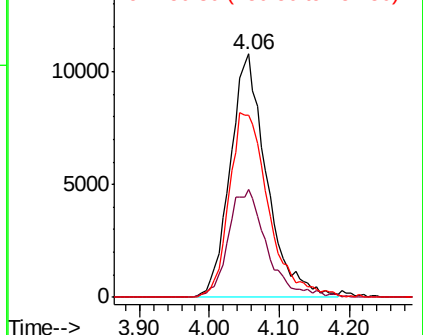
151 81.5 61.9 92.9



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: 19.343 ug/l

RT: 4.26 min Scan# 387

Delta R.T. -0.01 min

Lab File: VW012788.D

Acq: 08 Sep 2019 23:56

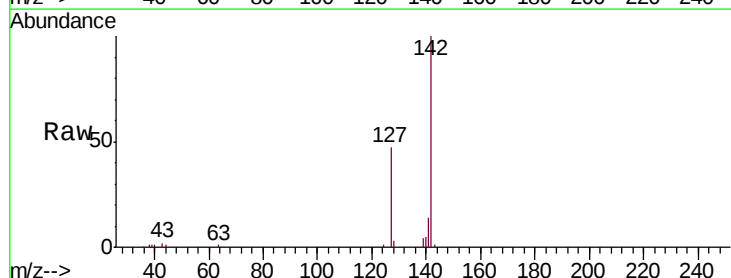
Tgt Ion:142 Resp: 44847

Ion Ratio Lower Upper

142 100

127 46.5 36.0 54.0

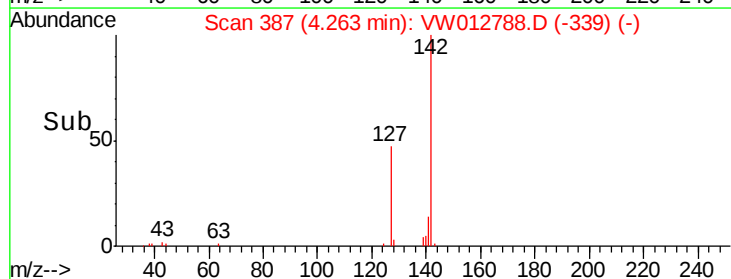
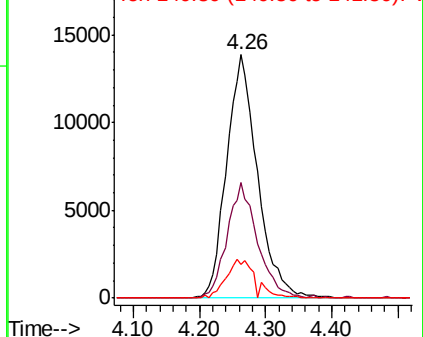
141 12.6 12.2 18.4

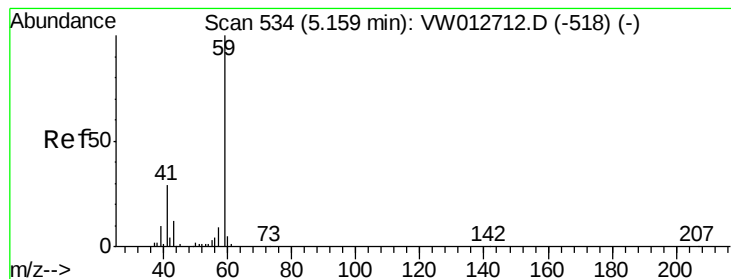


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



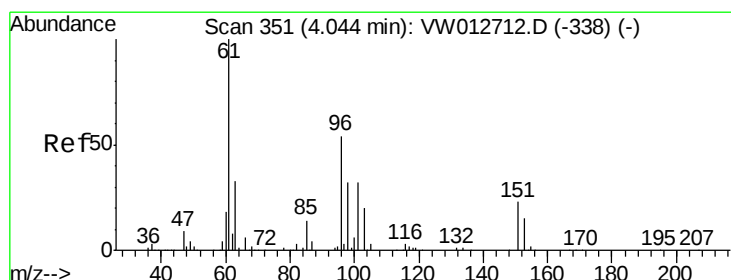
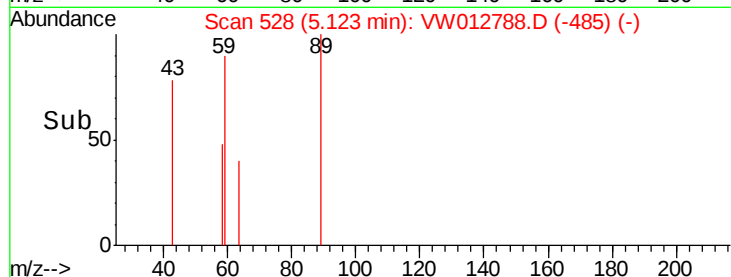
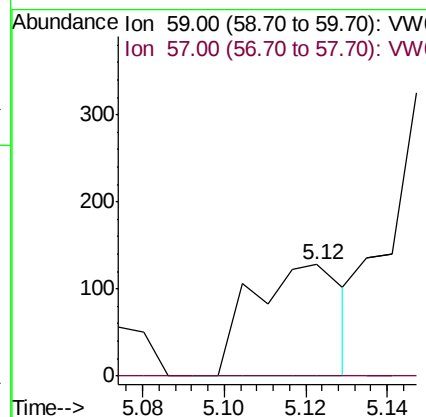
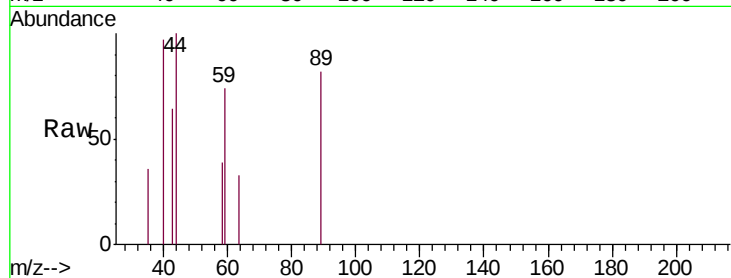


#11

Tert butyl alcohol
Concen: 1.100 ug/l
RT: 5.12 min Scan# 528
Delta R.T. -0.04 min
Lab File: VW012788.D
Acq: 08 Sep 2019 23:56

Instrument :
MSVOA_W
ClientSampled :
VW0908SBS02

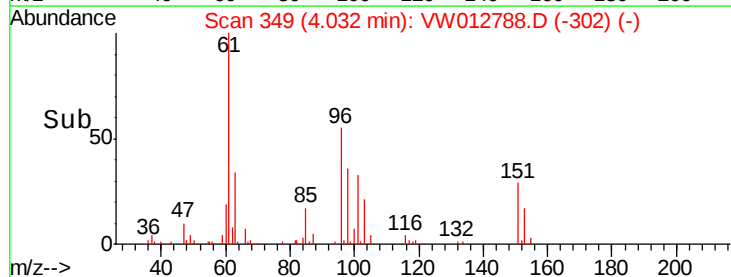
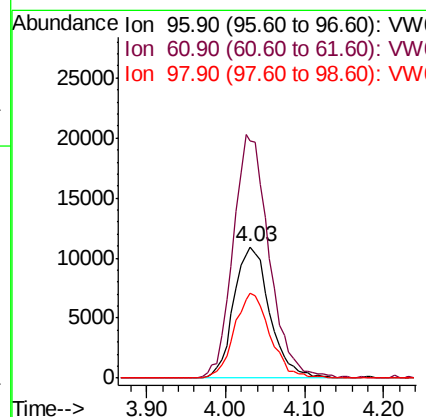
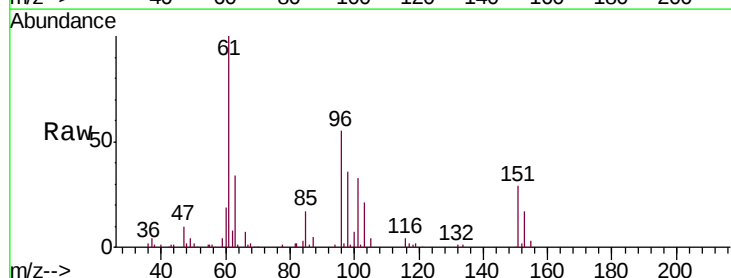
Tgt Ion: 59 Resp: 198
Ion Ratio Lower Upper
59 100
57 0.0 8.2 12.4#

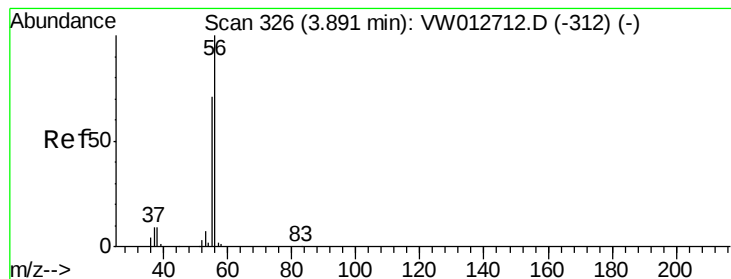


#12

1,1-Dichloroethene
Concen: 19.942 ug/l
RT: 4.03 min Scan# 349
Delta R.T. -0.01 min
Lab File: VW012788.D
Acq: 08 Sep 2019 23:56

Tgt Ion: 96 Resp: 34671
Ion Ratio Lower Upper
96 100
61 180.7 147.8 221.6
98 64.9 47.9 71.9





#13

Acrolein

Concen: 63.455 ug/l

RT: 3.89 min Scan# 326

Delta R.T. 0.00 min

Lab File: VW012788.D

Acq: 08 Sep 2019 23:56

Instrument :

MSVOA_W

ClientSampleId :

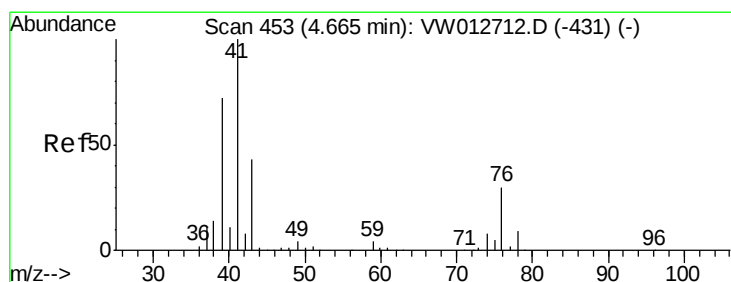
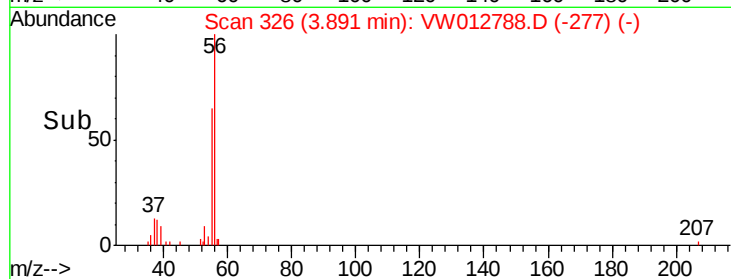
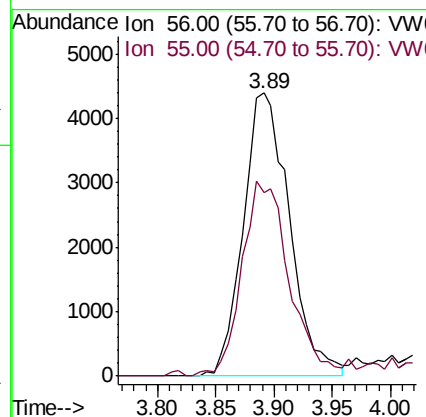
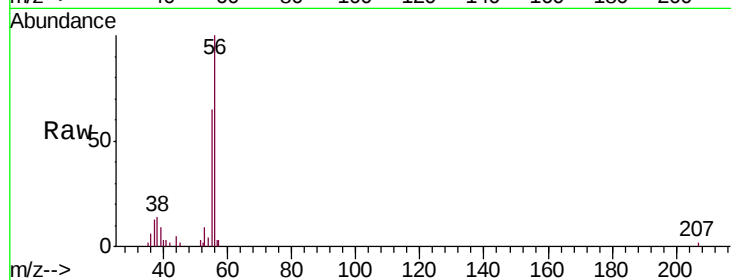
VW0908SBS02

Tgt Ion: 56 Resp: 12119

Ion Ratio Lower Upper

56 100

55 70.2 56.9 85.3



#14

Allyl chloride

Concen: 17.459 ug/l

RT: 4.66 min Scan# 452

Delta R.T. -0.01 min

Lab File: VW012788.D

Acq: 08 Sep 2019 23:56

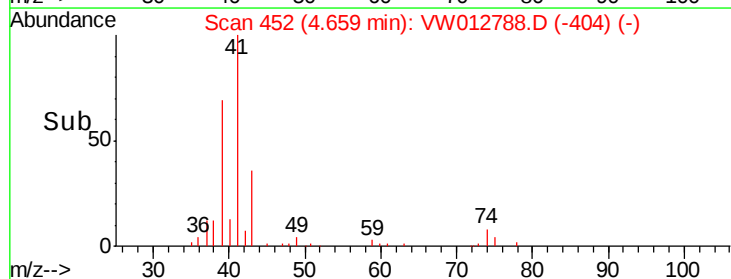
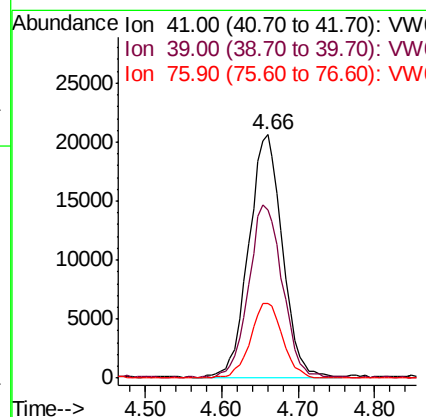
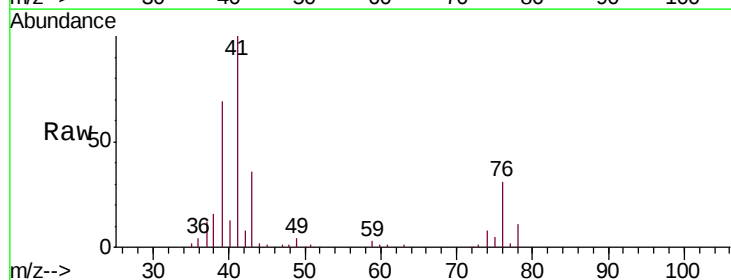
Tgt Ion: 41 Resp: 62790

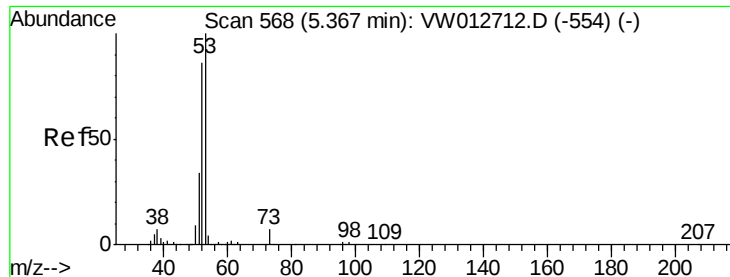
Ion Ratio Lower Upper

41 100

39 72.4 55.0 82.6

76 29.5 23.0 34.4





#15

Acrylonitrile

Concen: 86.535 ug/l

RT: 5.37 min Scan# 568

Delta R.T. 0.00 min

Lab File: VW012788.D

Acq: 08 Sep 2019 23:56

Instrument :

MSVOA_W

ClientSampleId :

VW0908SBS02

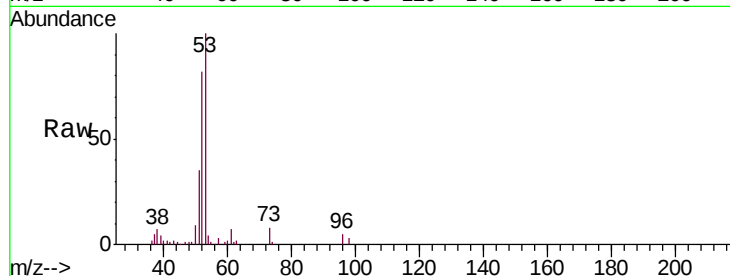
Tgt Ion: 53 Resp: 49854

Ion Ratio Lower Upper

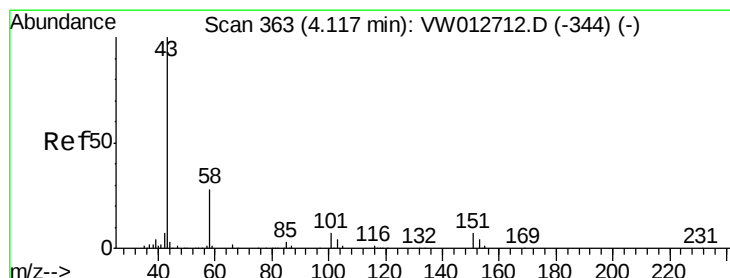
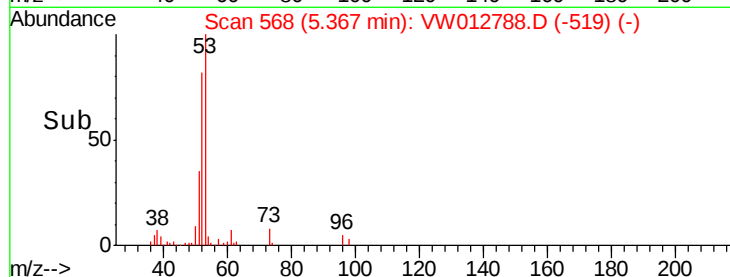
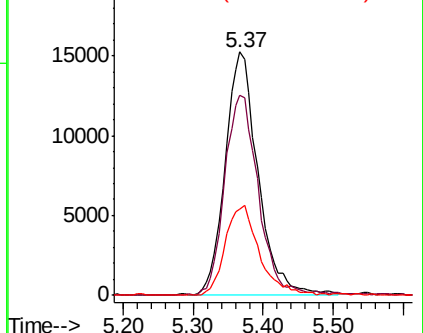
53 100

52 83.6 67.0 100.4

51 38.1 29.8 44.8



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: 68.958 ug/l

RT: 4.14 min Scan# 366

Delta R.T. 0.02 min

Lab File: VW012788.D

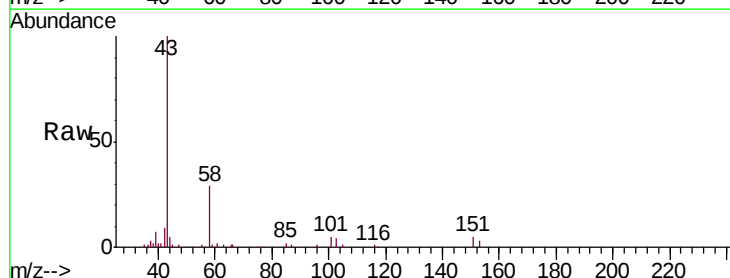
Acq: 08 Sep 2019 23:56

Tgt Ion: 43 Resp: 44221

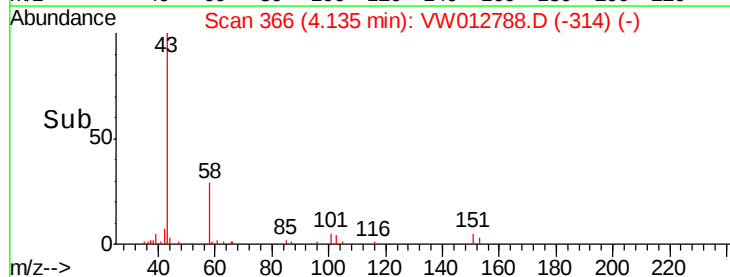
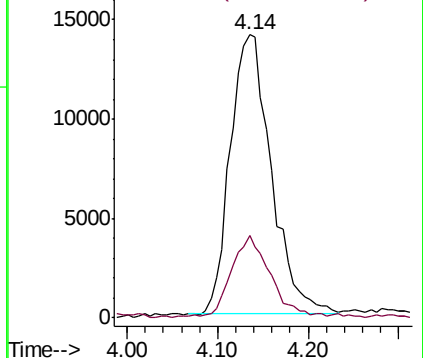
Ion Ratio Lower Upper

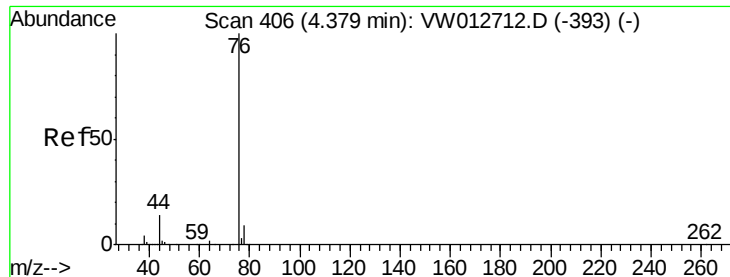
43 100

58 28.9 22.6 33.8



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





#17

Carbon Disulfide

Concen: 19.366 ug/l

RT: 4.37 min Scan# 405

Delta R.T. -0.01 min

Lab File: VW012788.D

Acq: 08 Sep 2019 23:56

Instrument :

MSVOA_W

ClientSampleId :

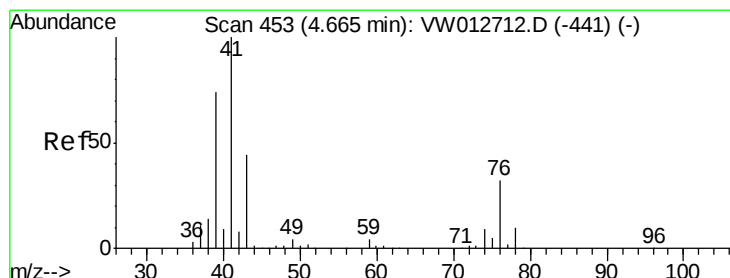
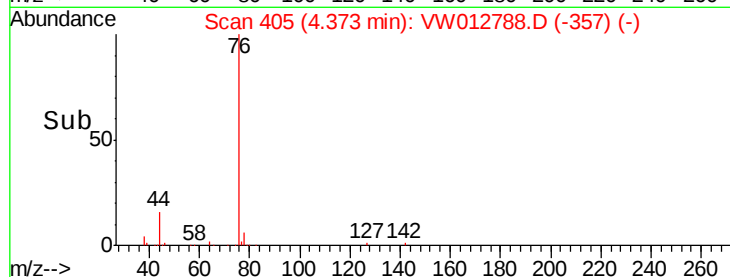
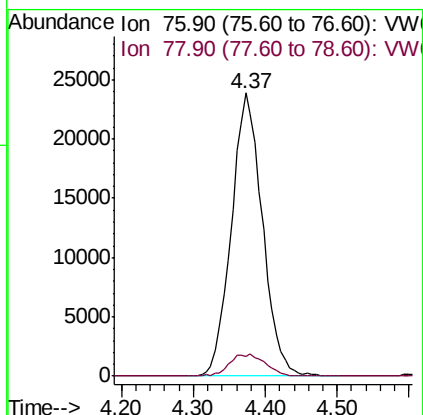
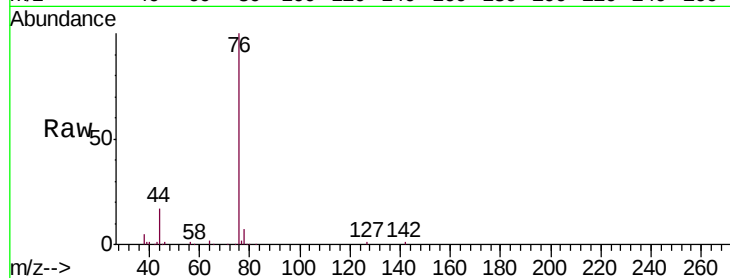
VW0908SBS02

Tgt Ion: 76 Resp: 71469

Ion Ratio Lower Upper

76 100

78 7.1 7.2 10.8#



#18

Methyl Acetate

Concen: 17.441 ug/l

RT: 4.67 min Scan# 454

Delta R.T. 0.01 min

Lab File: VW012788.D

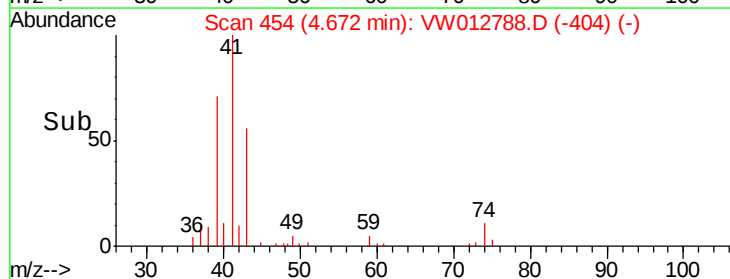
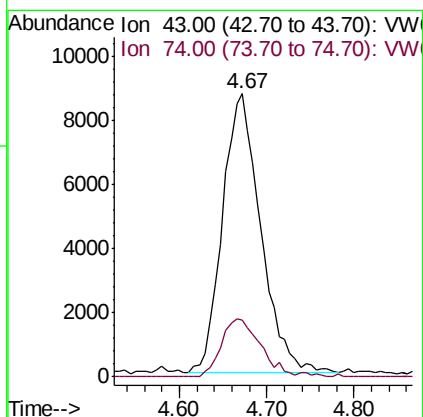
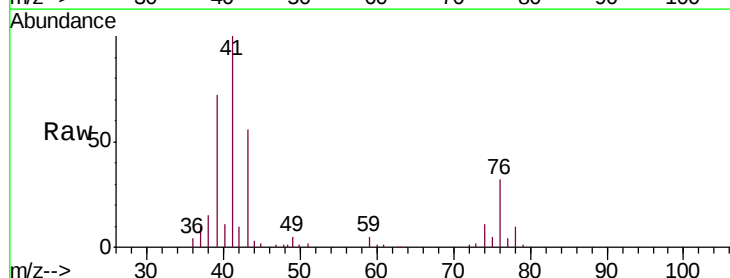
Acq: 08 Sep 2019 23:56

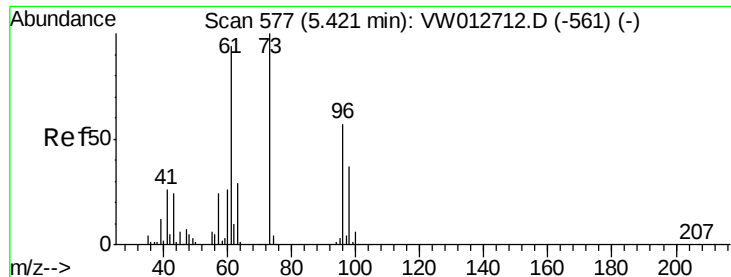
Tgt Ion: 43 Resp: 26240

Ion Ratio Lower Upper

43 100

74 21.3 15.8 23.6

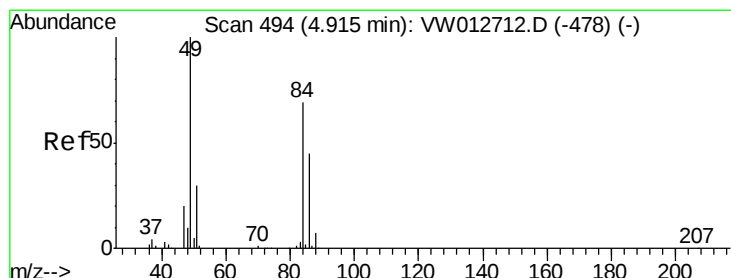
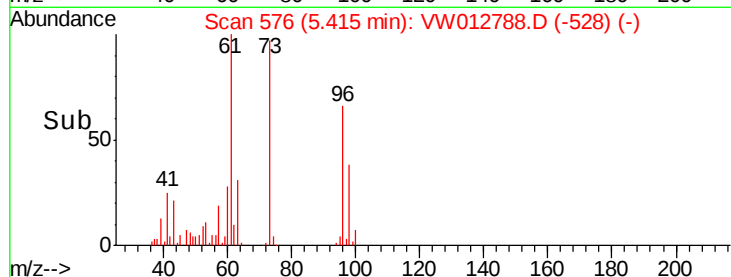
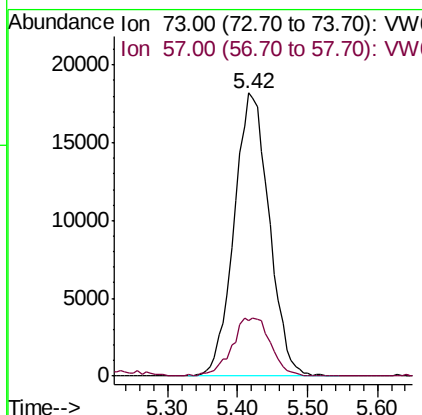
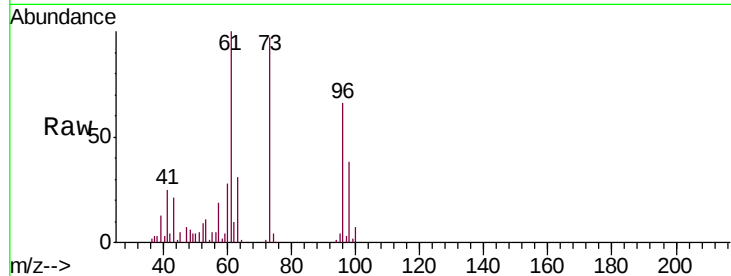




#19
Methyl tert-butyl Ether
Concen: 18.377 ug/l
RT: 5.42 min Scan# 576
Delta R.T. -0.01 min
Lab File: VW012788.D
Acq: 08 Sep 2019 23:56

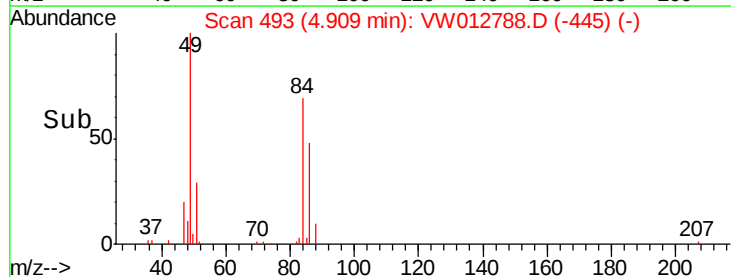
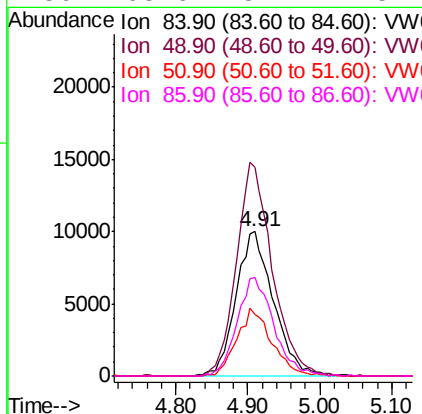
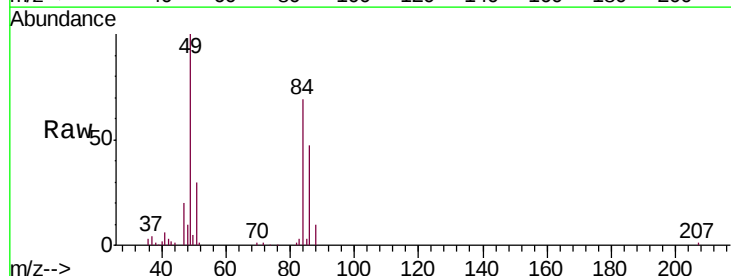
Instrument :
MSVOA_W
ClientSampleId :
VW0908SBS02

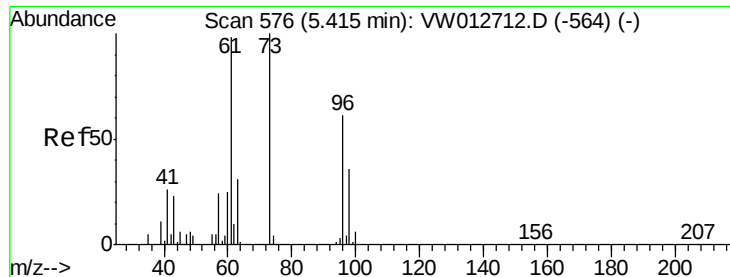
Tgt Ion: 73 Resp: 63362
Ion Ratio Lower Upper
73 100
57 19.6 19.2 28.8



#20
Methylene Chloride
Concen: 18.043 ug/l
RT: 4.91 min Scan# 493
Delta R.T. -0.01 min
Lab File: VW012788.D
Acq: 08 Sep 2019 23:56

Tgt Ion: 84 Resp: 36198
Ion Ratio Lower Upper
84 100
49 144.9 115.4 173.0
51 42.9 34.9 52.3
86 68.6 52.2 78.4





#21

trans-1,2-Dichloroethene

Concen: 20.994 ug/l

RT: 5.42 min Scan# 576

Delta R.T. 0.00 min

Lab File: VW012788.D

Acq: 08 Sep 2019 23:56

Instrument :

MSVOA_W

ClientSampleId :

VW0908SBS02

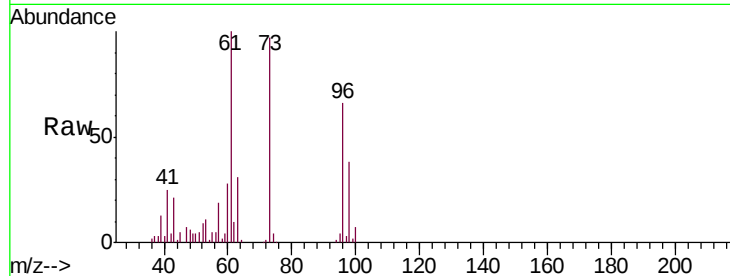
Tgt Ion: 96 Resp: 37242

Ion Ratio Lower Upper

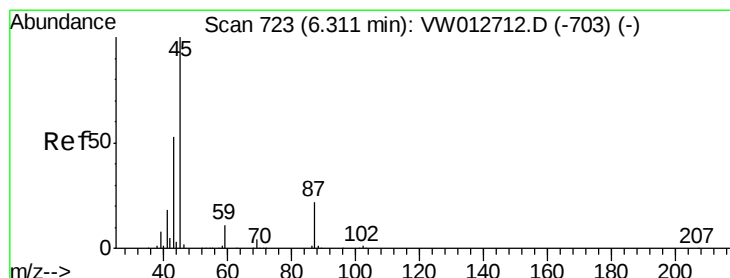
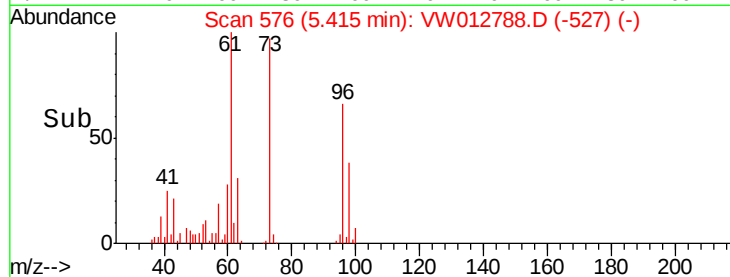
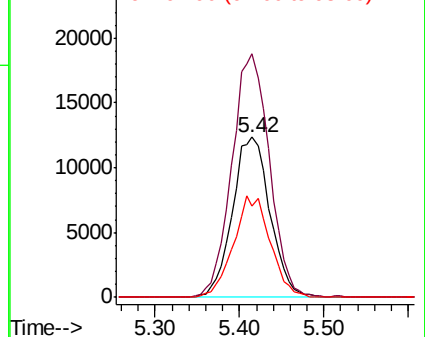
96 100

61 151.8 129.2 193.8

98 57.3 48.0 72.0



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: 18.213 ug/l

RT: 6.31 min Scan# 722

Delta R.T. -0.01 min

Lab File: VW012788.D

Acq: 08 Sep 2019 23:56

Tgt Ion: 45 Resp: 129918

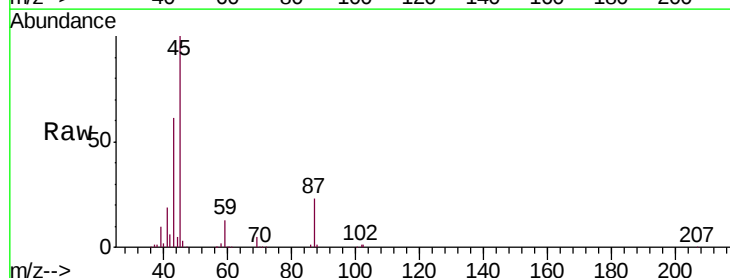
Ion Ratio Lower Upper

45 100

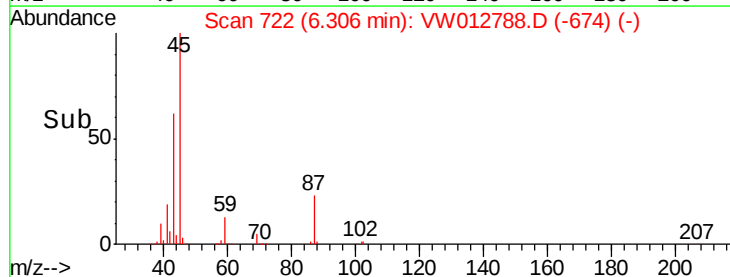
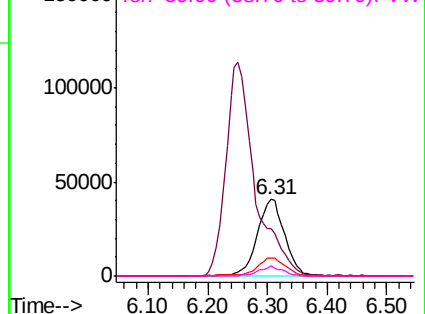
43 61.3 42.3 63.5

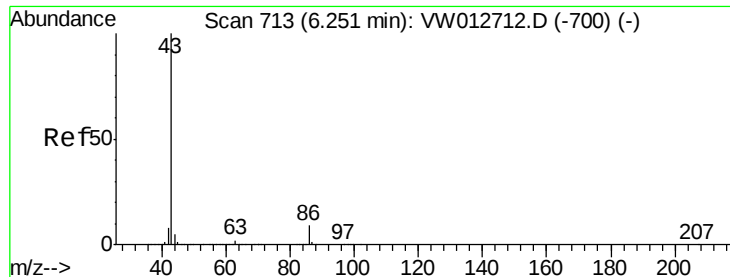
87 23.4 18.2 27.2

59 13.3 8.5 12.7#



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





#23

Vinyl Acetate

Concen: 85.337 ug/l

RT: 6.25 min Scan# 713

Delta R.T. 0.00 min

Lab File: VW012788.D

Acq: 08 Sep 2019 23:56

Instrument :

MSVOA_W

ClientSampleId :

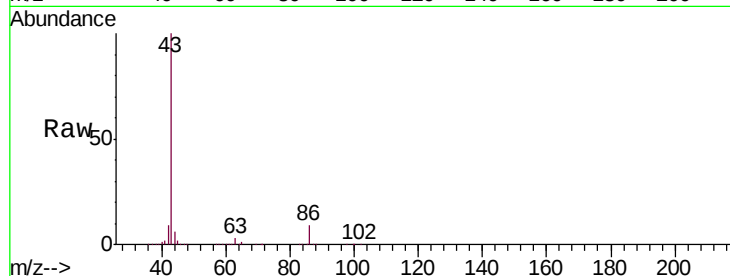
VW0908SBS02

Tgt Ion: 43 Resp: 385771

Ion Ratio Lower Upper

43 100

86 8.7 7.0 10.6



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 86.00 (85.70 to 86.70): VW

6.25

120000

100000

80000

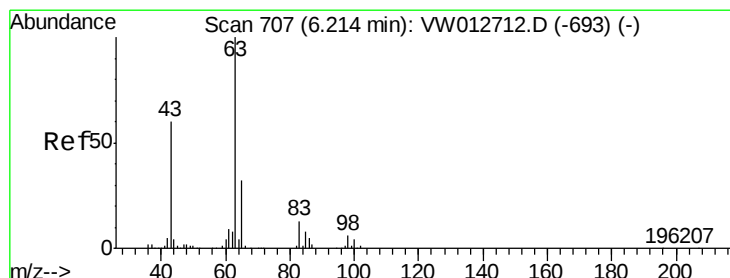
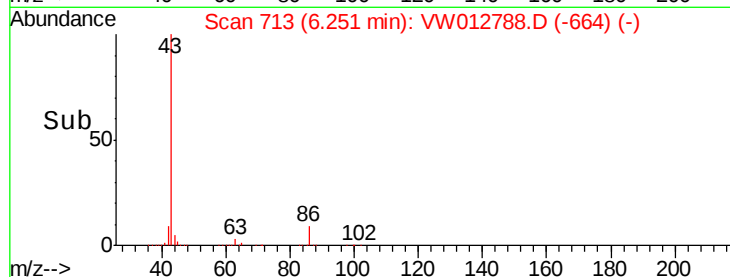
60000

40000

20000

0

Time-->



#24

1,1-Dichloroethane

Concen: 19.432 ug/l

RT: 6.20 min Scan# 705

Delta R.T. -0.01 min

Lab File: VW012788.D

Acq: 08 Sep 2019 23:56

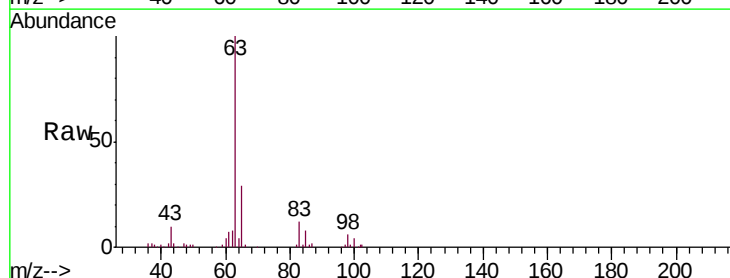
Tgt Ion: 63 Resp: 74634

Ion Ratio Lower Upper

63 100

98 6.3 3.1 9.3

100 4.0 1.8 5.5



Abundance Ion 62.90 (62.60 to 63.60): VW

Ion 97.90 (97.60 to 98.60): VW

Ion 99.90 (99.60 to 100.60): VW

6.20

30000

25000

20000

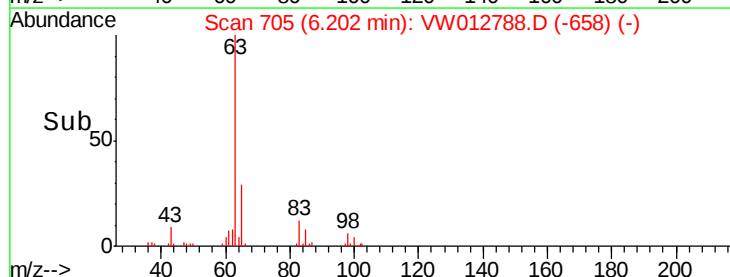
15000

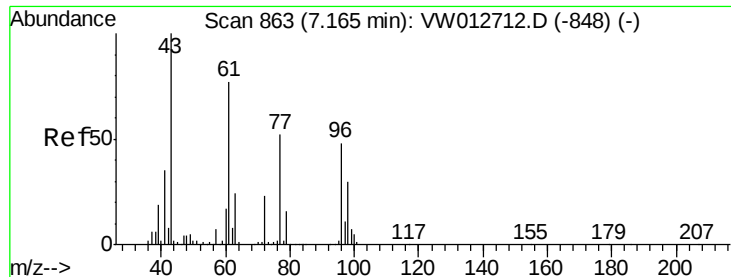
10000

5000

0

Time-->

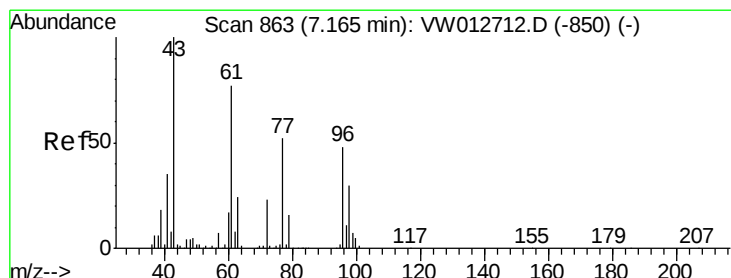
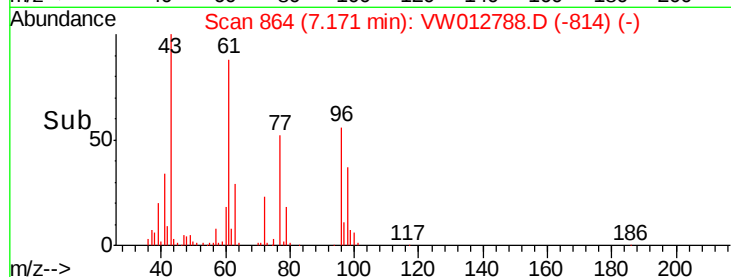
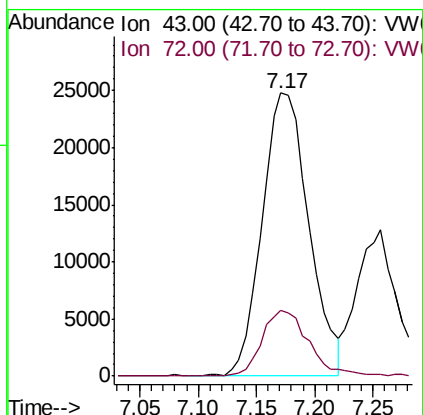
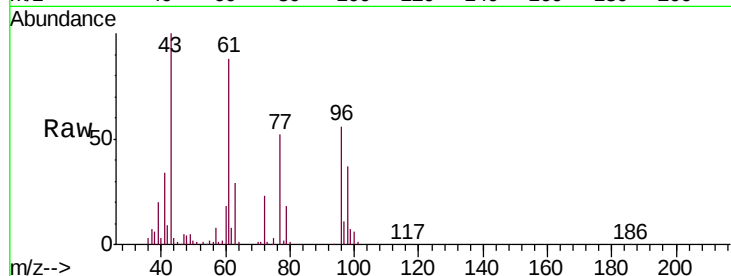




#25
2-Butanone
Concen: 87.074 ug/l
RT: 7.17 min Scan# 864
Delta R.T. 0.01 min
Lab File: VW012788.D
Acq: 08 Sep 2019 23:56

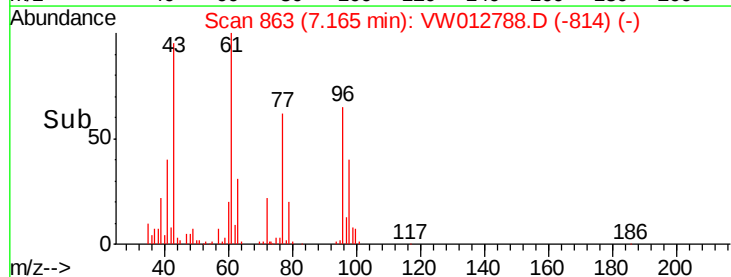
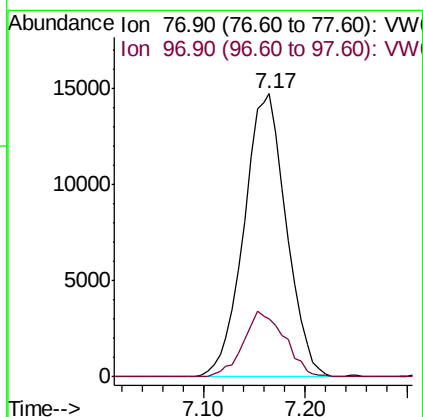
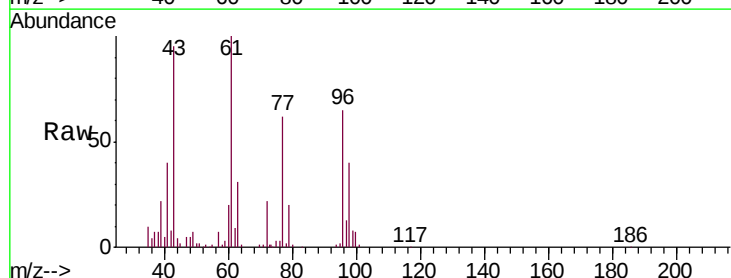
Instrument :
MSVOA_W
ClientSampled :
VW0908SBS02

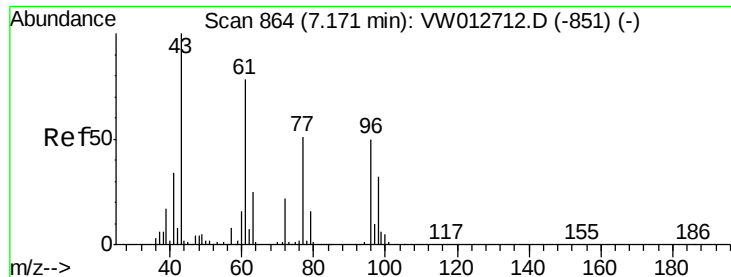
Tgt Ion: 43 Resp: 69072
Ion Ratio Lower Upper
43 100
72 23.3 18.0 27.0



#26
2,2-Dichloropropane
Concen: 17.574 ug/l
RT: 7.17 min Scan# 863
Delta R.T. 0.00 min
Lab File: VW012788.D
Acq: 08 Sep 2019 23:56

Tgt Ion: 77 Resp: 42631
Ion Ratio Lower Upper
77 100
97 22.6 10.7 32.1



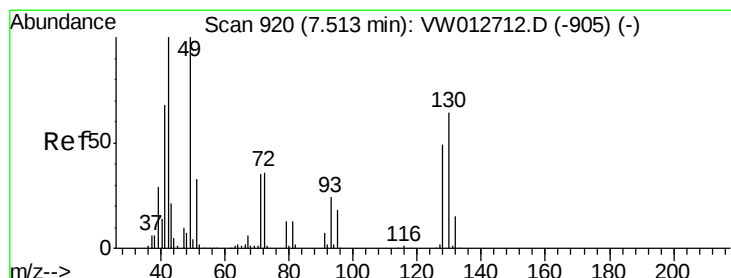
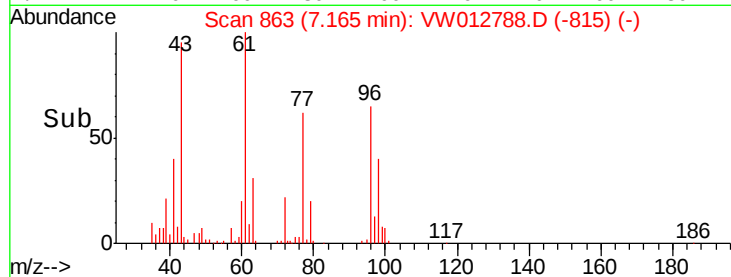
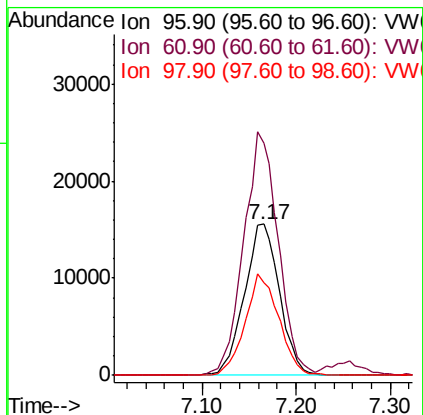
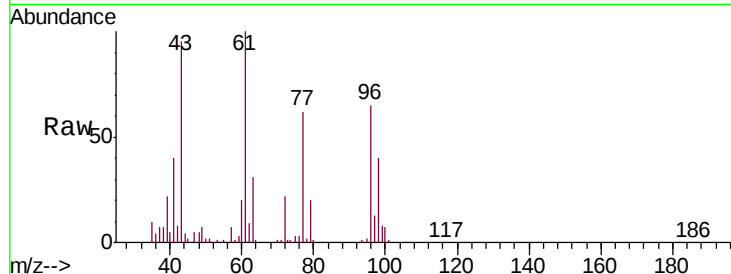


#27

cis-1,2-Dichloroethene
 Concen: 19.824 ug/l
 RT: 7.17 min Scan# 863
 Delta R.T. -0.01 min
 Lab File: VW012788.D
 Acq: 08 Sep 2019 23:56

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0908SBS02

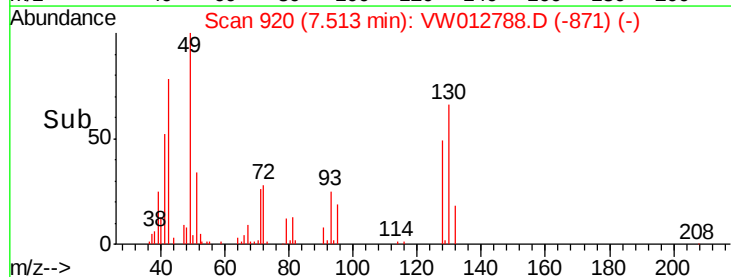
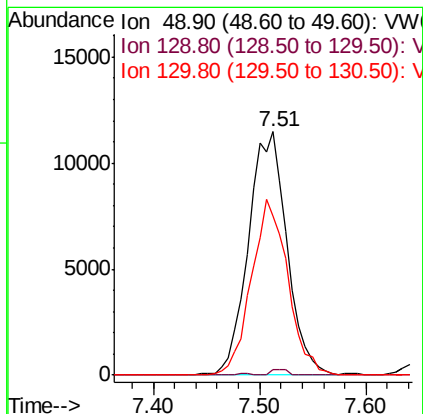
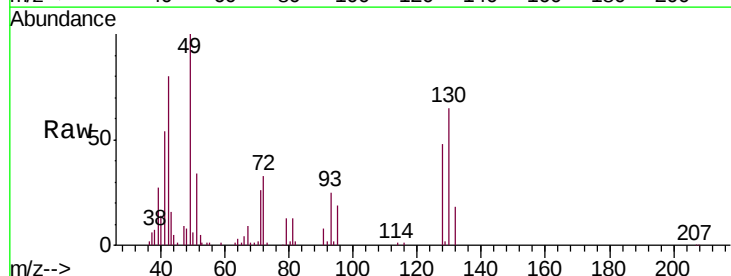
Tgt Ion: 96 Resp: 40776
 Ion Ratio Lower Upper
 96 100
 61 157.9 0.0 325.8
 98 64.8 0.0 127.0



#28

Bromochloromethane
 Concen: 16.547 ug/l
 RT: 7.51 min Scan# 920
 Delta R.T. 0.00 min
 Lab File: VW012788.D
 Acq: 08 Sep 2019 23:56

Tgt Ion: 49 Resp: 29182
 Ion Ratio Lower Upper
 49 100
 129 0.9 0.0 0.8#
 130 68.2 49.8 74.8

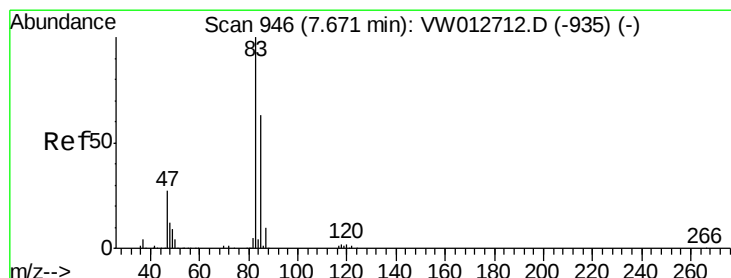
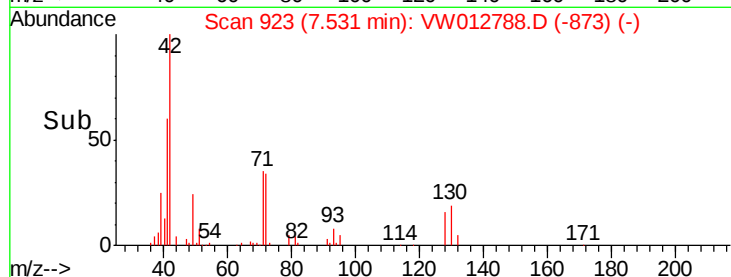
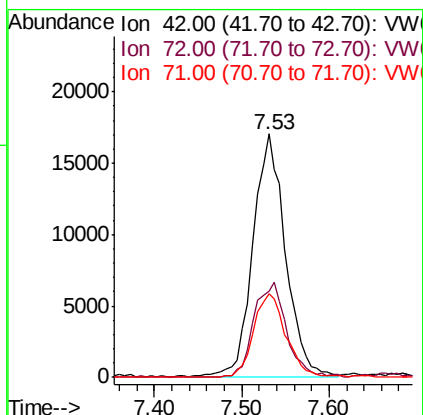
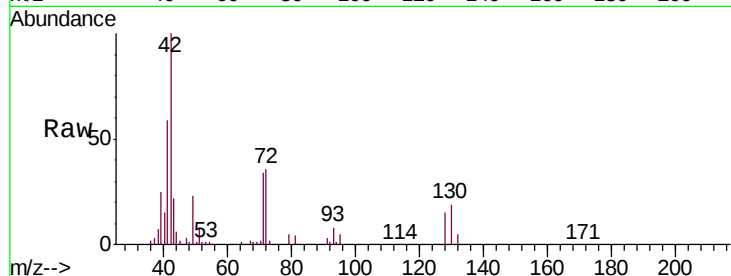




#29
Tetrahydrofuran
Concen: 85.316 ug/l
RT: 7.53 min Scan# 923
Delta R.T. 0.01 min
Lab File: VW012788.D
Acq: 08 Sep 2019 23:56

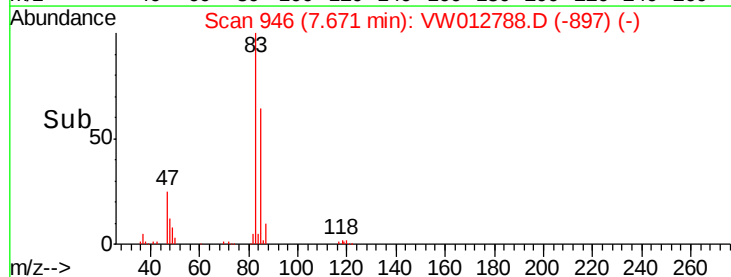
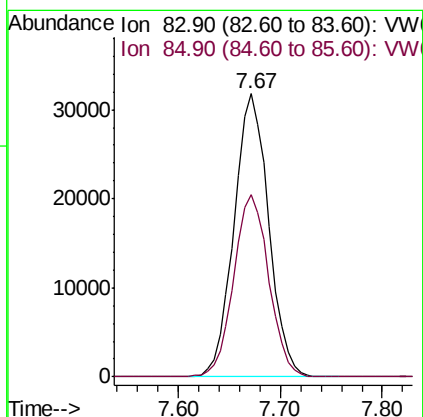
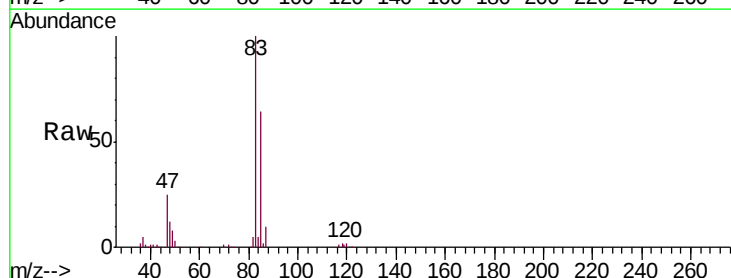
Instrument :
MSVOA_W
ClientSampleId :
VW0908SBS02

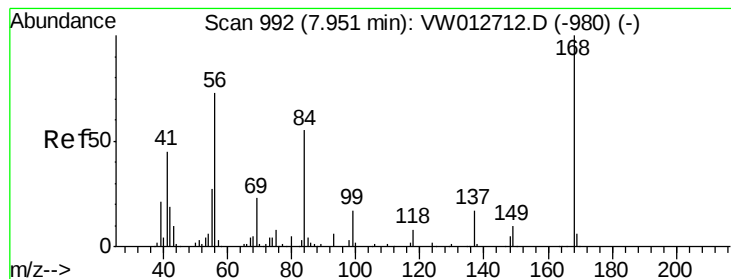
Tgt Ion: 42 Resp: 44181
Ion Ratio Lower Upper
42 100
72 39.3 28.4 42.6
71 34.5 27.1 40.7



#30
Chloroform
Concen: 19.663 ug/l
RT: 7.67 min Scan# 946
Delta R.T. 0.00 min
Lab File: VW012788.D
Acq: 08 Sep 2019 23:56

Tgt Ion: 83 Resp: 74847
Ion Ratio Lower Upper
83 100
85 64.3 50.6 76.0





#31

Cyclohexane

Concen: 20.264 ug/l

RT: 7.95 min Scan# 992

Delta R.T. 0.00 min

Lab File: VW012788.D

Acq: 08 Sep 2019 23:56

Instrument :

MSVOA_W

ClientSampleID :

VW0908SBS02

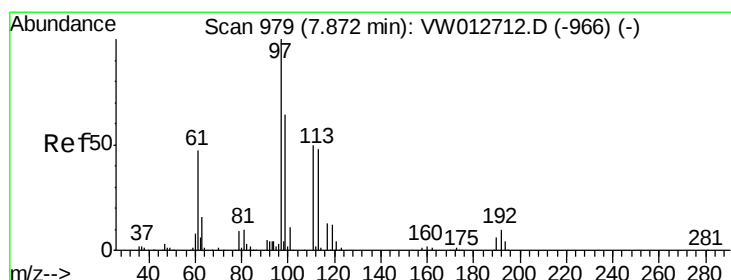
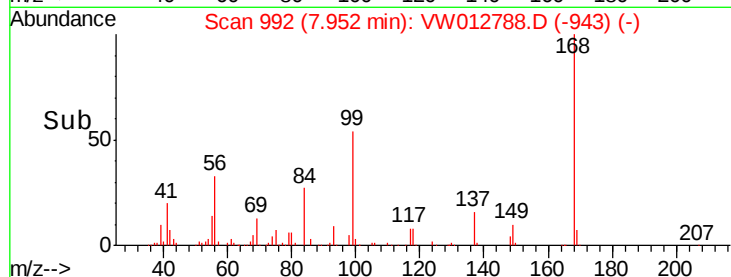
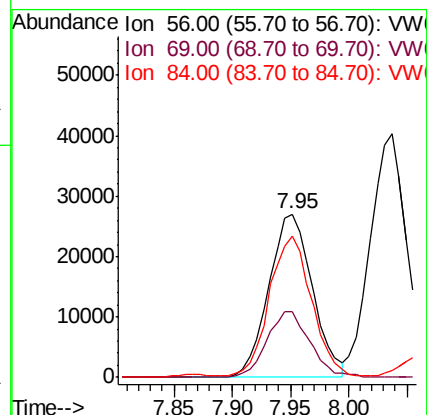
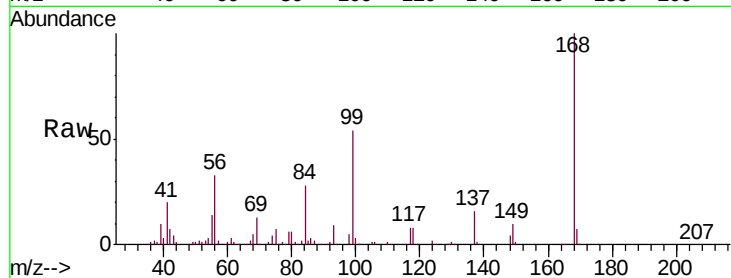
Tgt Ion: 56 Resp: 70067

Ion Ratio Lower Upper

56 100

69 40.3 25.7 38.5#

84 84.7 60.4 90.6



#32

1,1,1-Trichloroethane

Concen: 20.923 ug/l

RT: 7.87 min Scan# 978

Delta R.T. -0.01 min

Lab File: VW012788.D

Acq: 08 Sep 2019 23:56

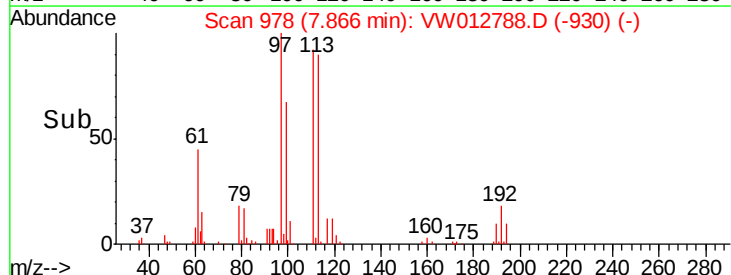
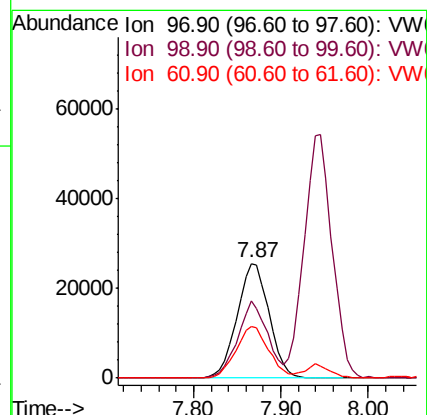
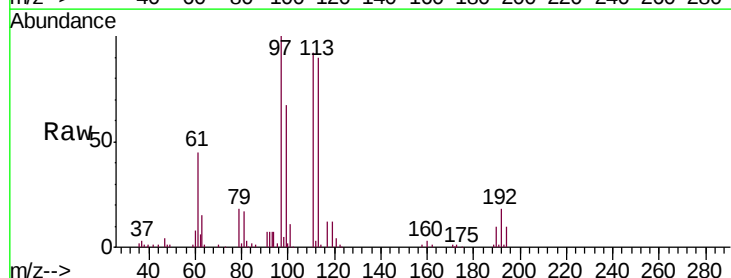
Tgt Ion: 97 Resp: 64556

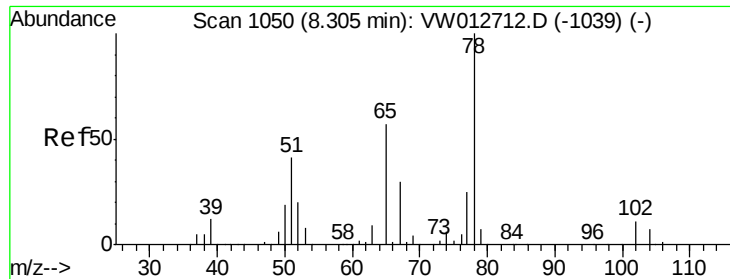
Ion Ratio Lower Upper

97 100

99 63.5 51.5 77.3

61 46.6 37.9 56.9

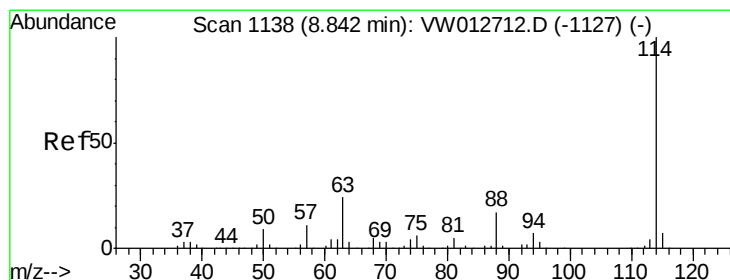
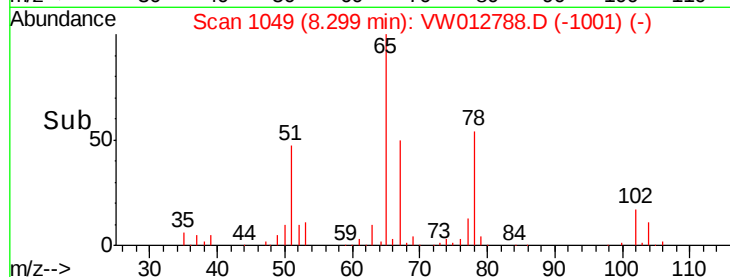
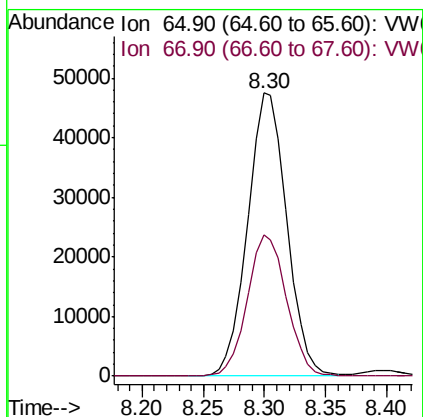
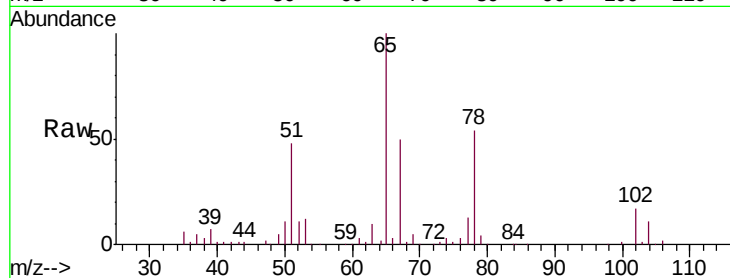




#33
 1,2-Dichloroethane-d4
 Concen: 44.950 ug/l
 RT: 8.30 min Scan# 1049
 Delta R.T. -0.01 min
 Lab File: VW012788.D
 Acq: 08 Sep 2019 23:56

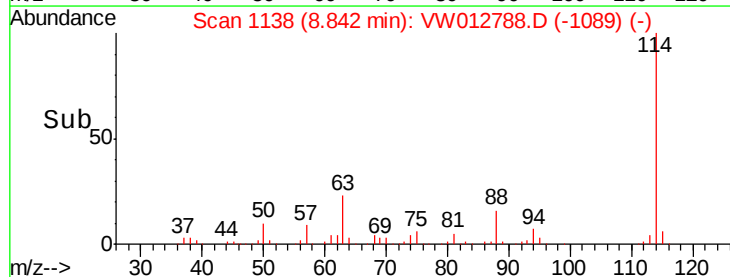
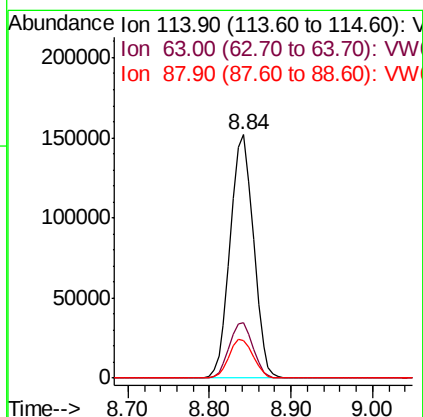
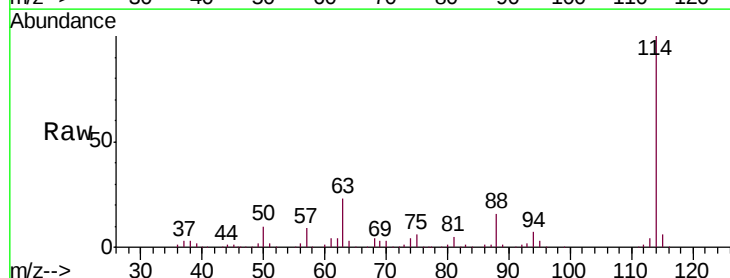
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0908SBS02

Tgt Ion: 65 Resp: 105734
 Ion Ratio Lower Upper
 65 100
 67 50.1 0.0 101.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. 0.00 min
 Lab File: VW012788.D
 Acq: 08 Sep 2019 23:56

Tgt Ion: 114 Resp: 299487
 Ion Ratio Lower Upper
 114 100
 63 22.6 0.0 47.2
 88 15.5 0.0 34.0

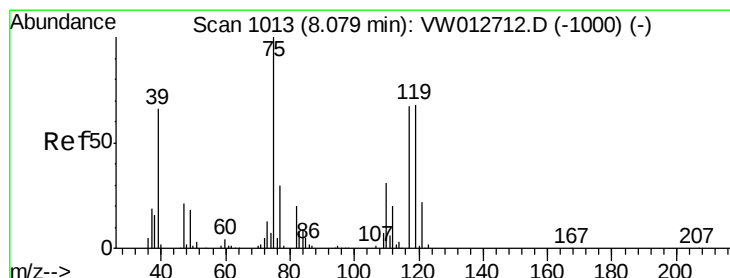
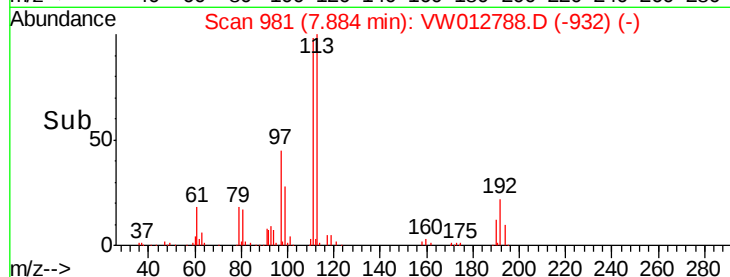
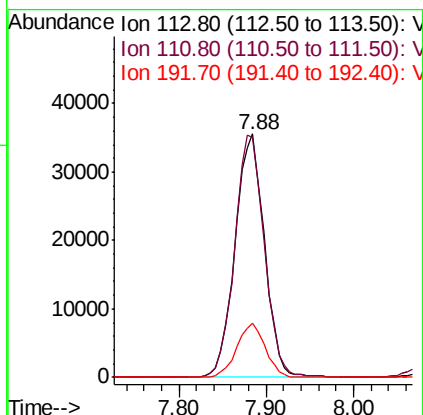
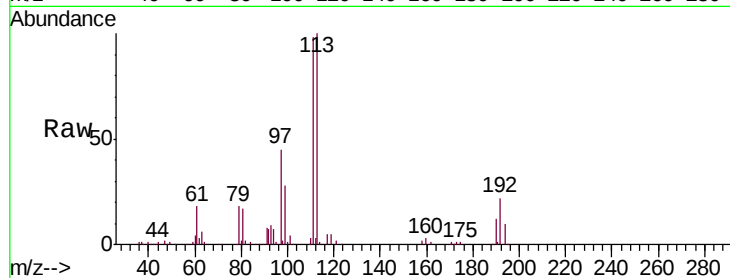




#35
 Dibromofluoromethane
 Concen: 46.651 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. 0.00 min
 Lab File: VW012788.D
 Acq: 08 Sep 2019 23:56

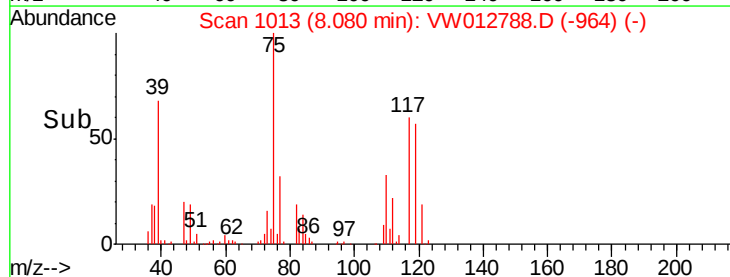
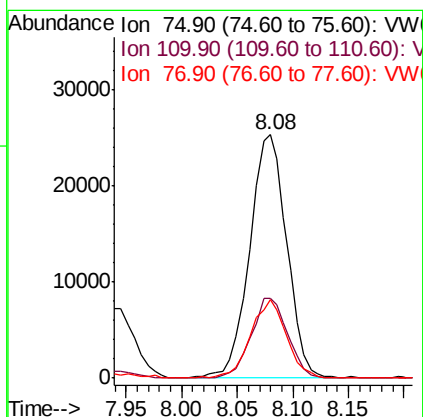
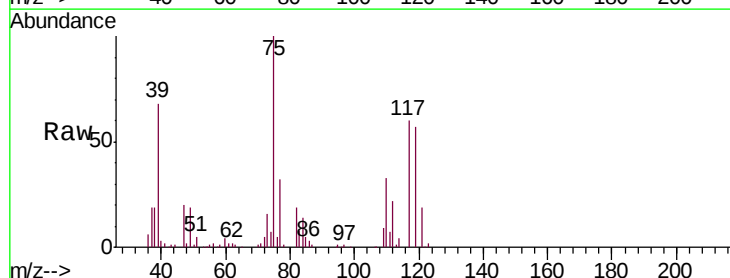
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0908SBS02

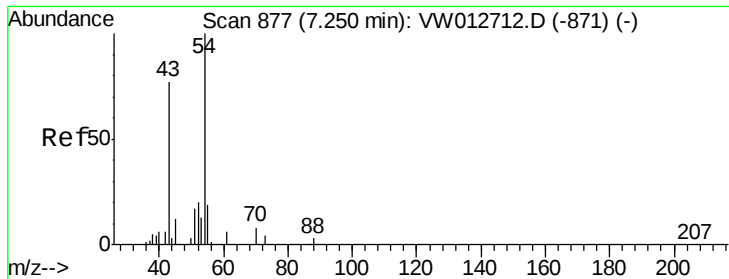
Tgt Ion: 113 Resp: 83063
 Ion Ratio Lower Upper
 113 100
 111 100.6 80.2 120.4
 192 21.5 17.3 25.9



#36
 1,1-Dichloropropene
 Concen: 22.044 ug/l
 RT: 8.08 min Scan# 1013
 Delta R.T. 0.00 min
 Lab File: VW012788.D
 Acq: 08 Sep 2019 23:56

Tgt Ion: 75 Resp: 58659
 Ion Ratio Lower Upper
 75 100
 110 32.4 15.9 47.7
 77 31.3 25.0 37.4

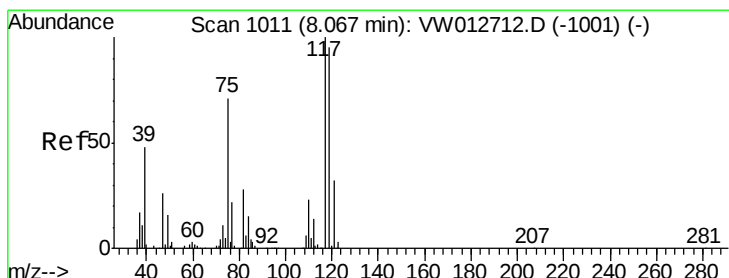
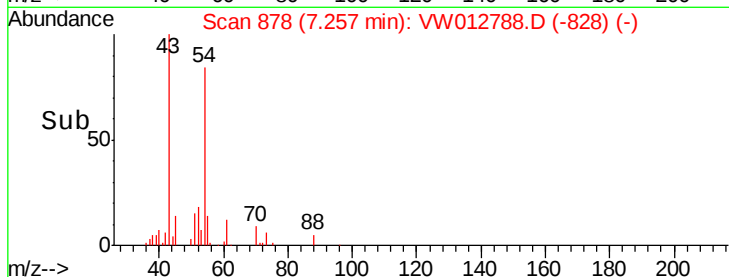
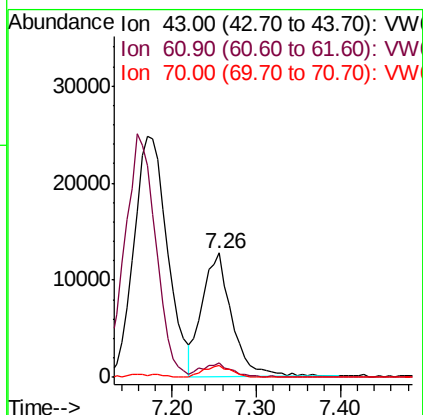
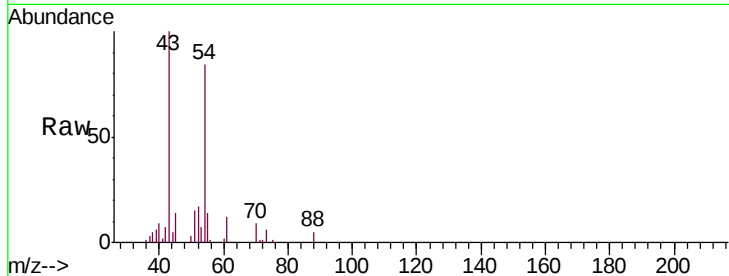




#37
 Ethyl Acetate
 Concen: 18.578 ug/l
 RT: 7.26 min Scan# 878
 Delta R.T. 0.01 min
 Lab File: VW012788.D
 Acq: 08 Sep 2019 23:56

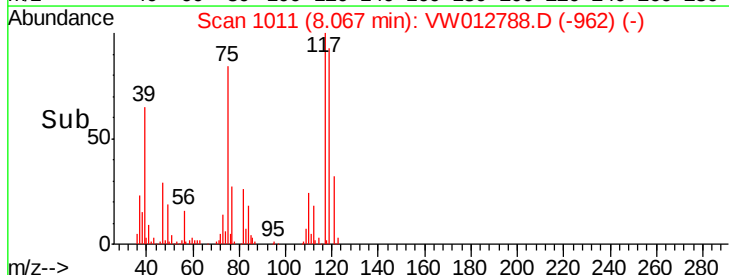
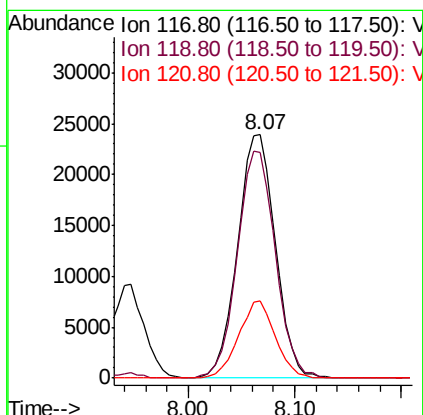
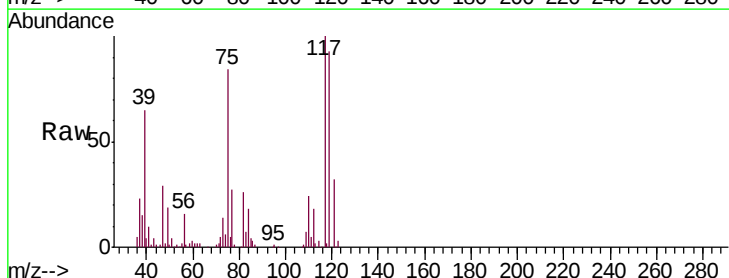
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0908SBS02

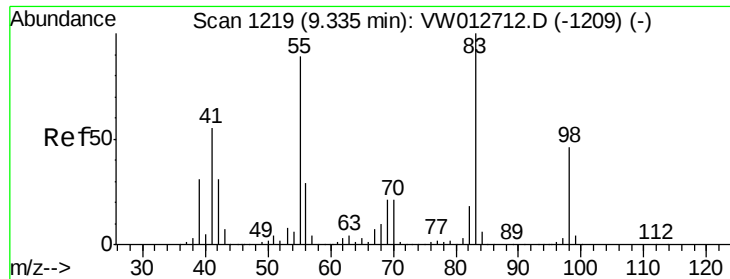
Tgt Ion: 43 Resp: 31515
 Ion Ratio Lower Upper
 43 100
 61 11.6 9.5 14.3
 70 8.6 7.0 10.6



#38
 Carbon Tetrachloride
 Concen: 22.733 ug/l
 RT: 8.07 min Scan# 1011
 Delta R.T. 0.00 min
 Lab File: VW012788.D
 Acq: 08 Sep 2019 23:56

Tgt Ion: 117 Resp: 59631
 Ion Ratio Lower Upper
 117 100
 119 92.8 76.2 114.2
 121 31.5 25.4 38.2

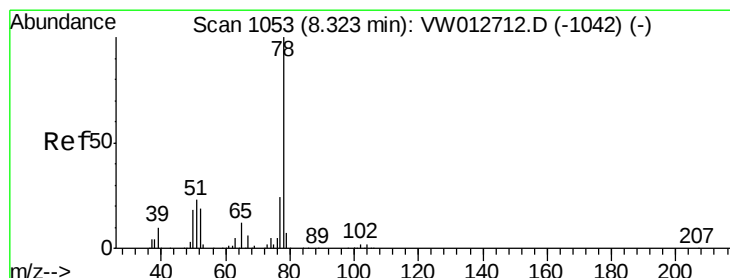
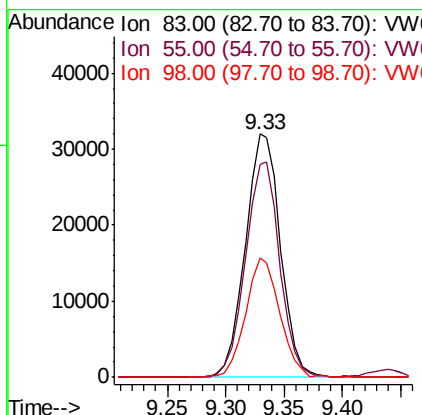
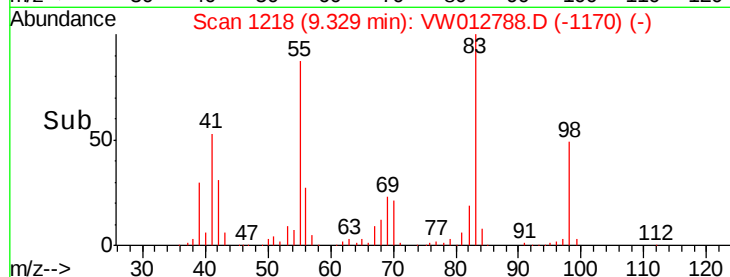
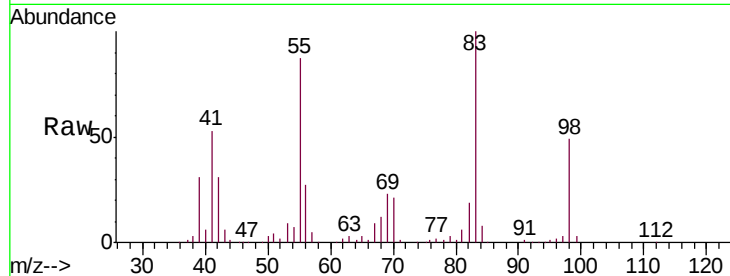




#39
Methylcyclohexane
Concen: 22.460 ug/l
RT: 9.33 min Scan# 1218
Delta R.T. -0.01 min
Lab File: VW012788.D
Acq: 08 Sep 2019 23:56

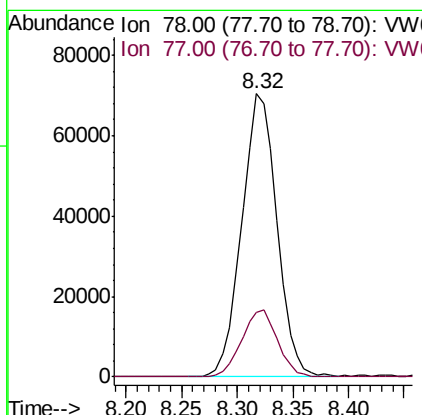
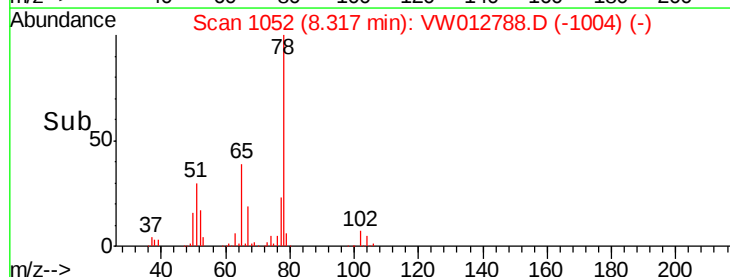
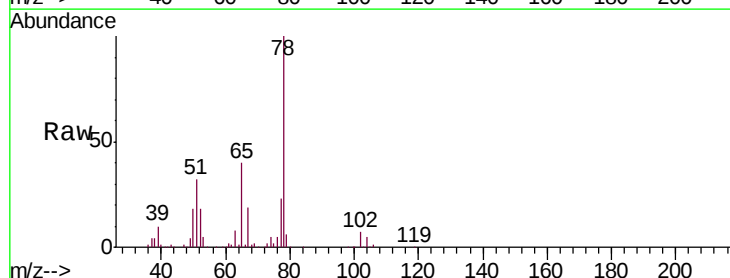
Instrument :
MSVOA_W
ClientSampleId :
VW0908SBS02

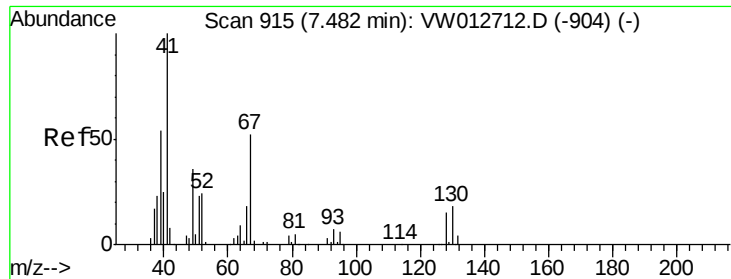
Tgt Ion: 83 Resp: 67125
Ion Ratio Lower Upper
83 100
55 87.5 71.0 106.4
98 48.8 36.9 55.3



#40
Benzene
Concen: 20.974 ug/l
RT: 8.32 min Scan# 1052
Delta R.T. -0.01 min
Lab File: VW012788.D
Acq: 08 Sep 2019 23:56

Tgt Ion: 78 Resp: 154854
Ion Ratio Lower Upper
78 100
77 22.9 19.3 28.9





#41

Methacrylonitrile

Concen: 19.903 ug/l

RT: 7.48 min Scan# 915

Delta R.T. 0.00 min

Lab File: VW012788.D

Acq: 08 Sep 2019 23:56

Instrument :

MSVOA_W

ClientSampleId :

VW0908SBS02

Tgt Ion: 41 Resp: 20065

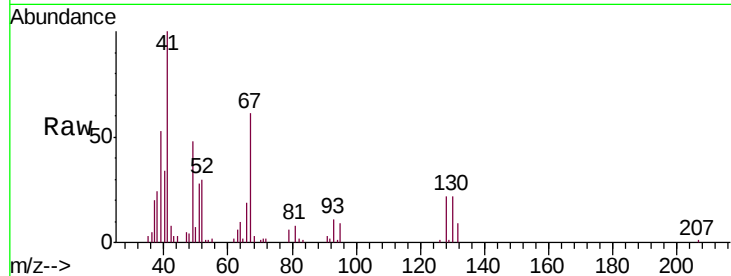
Ion Ratio Lower Upper

41 100

39 50.8 47.5 71.3

67 56.2 45.1 67.7

52 27.4 20.2 30.2

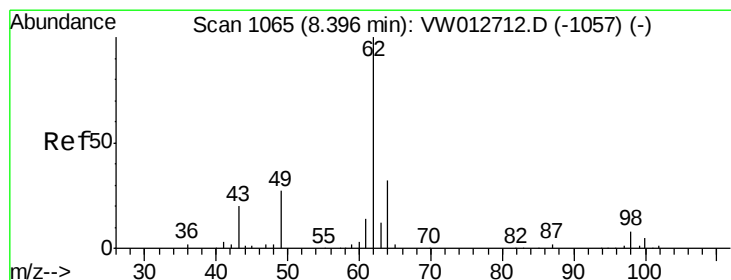
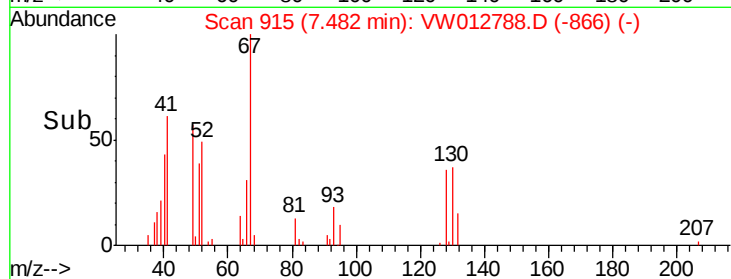
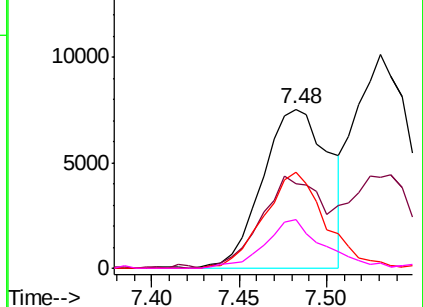


Abundance Ion 41.00 (40.70 to 41.70): VW

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: 20.616 ug/l

RT: 8.40 min Scan# 1065

Delta R.T. 0.00 min

Lab File: VW012788.D

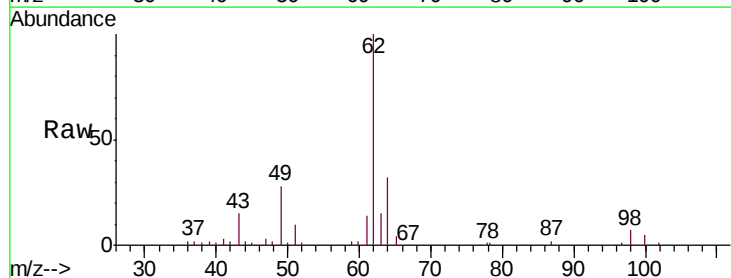
Acq: 08 Sep 2019 23:56

Tgt Ion: 62 Resp: 53568

Ion Ratio Lower Upper

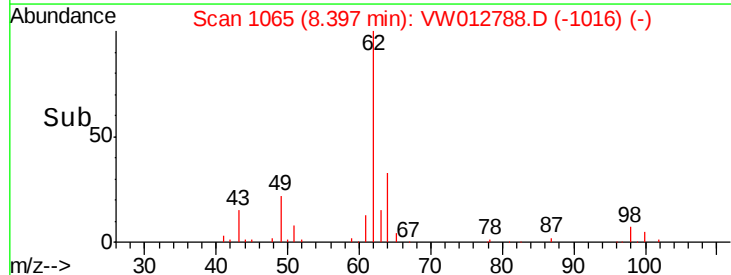
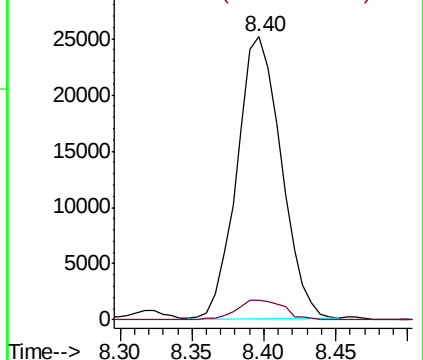
62 100

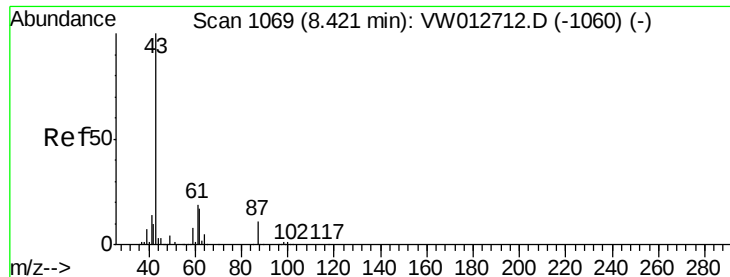
98 7.7 0.0 16.2



Abundance Ion 61.90 (61.60 to 62.60): VW

Ion 97.90 (97.60 to 98.60): VW





#43

Isopropyl Acetate

Concen: 18.218 ug/l

RT: 8.42 min Scan# 1069

Delta R.T. 0.00 min

Lab File: VW012788.D

Acq: 08 Sep 2019 23:56

Instrument :

MSVOA_W

ClientSampleId :

VW0908SBS02

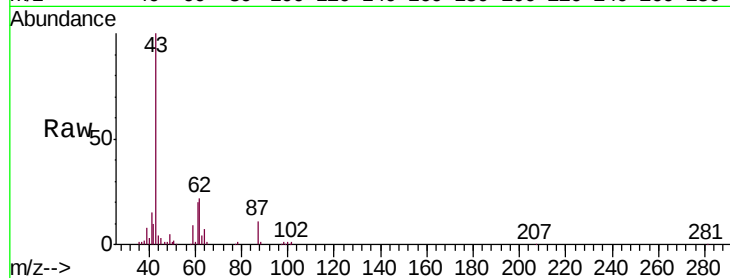
Tgt Ion: 43 Resp: 58550

Ion Ratio Lower Upper

43 100

61 27.7 20.6 30.8

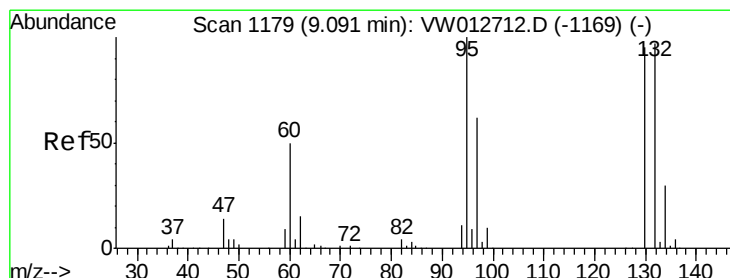
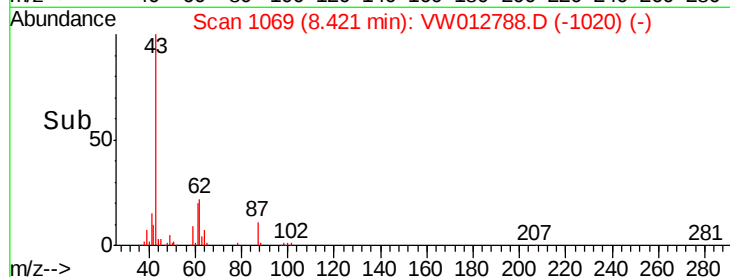
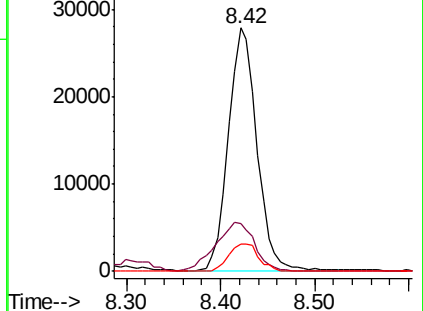
87 11.8 8.6 13.0



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 61.00 (60.70 to 61.70): VW

Ion 87.00 (86.70 to 87.70): VW



#44

Trichloroethene

Concen: 21.976 ug/l

RT: 9.09 min Scan# 1179

Delta R.T. 0.00 min

Lab File: VW012788.D

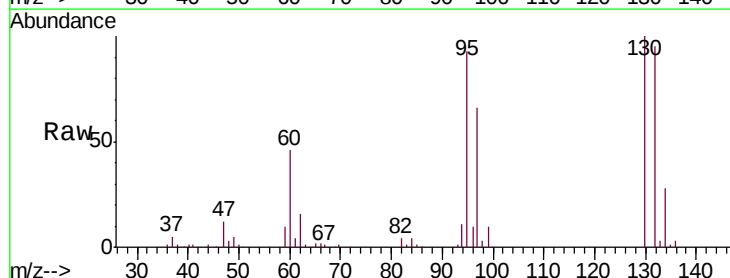
Acq: 08 Sep 2019 23:56

Tgt Ion: 130 Resp: 41823

Ion Ratio Lower Upper

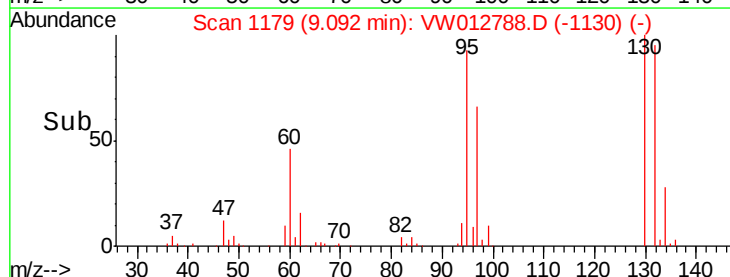
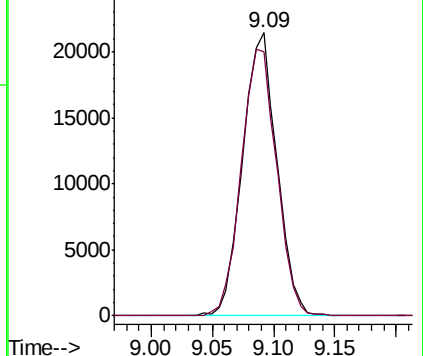
130 100

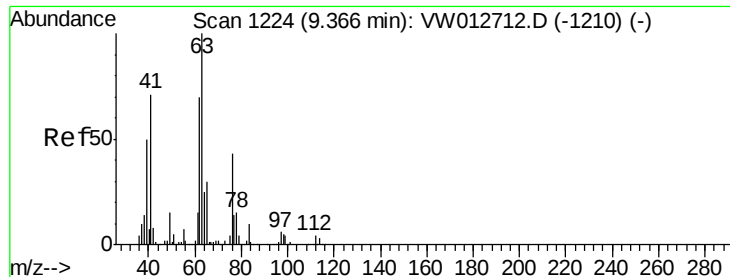
95 93.3 0.0 210.6



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VW

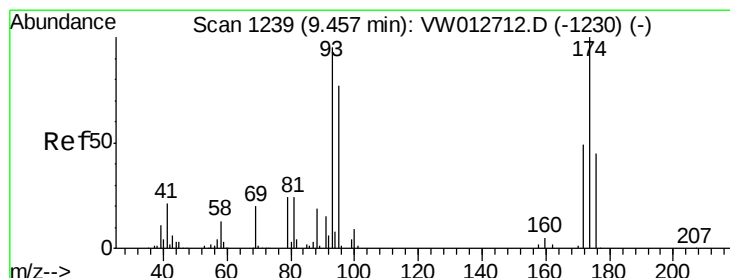
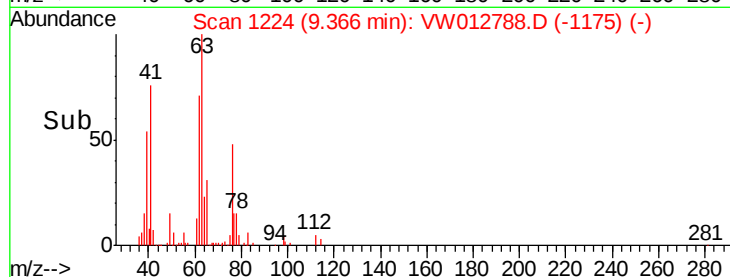
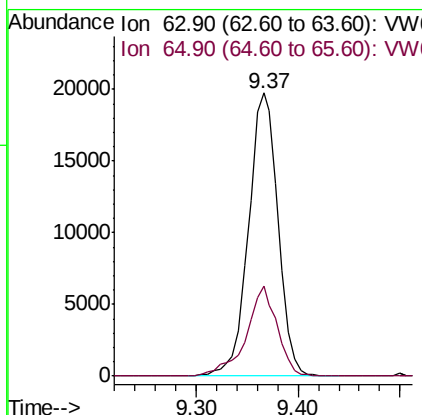
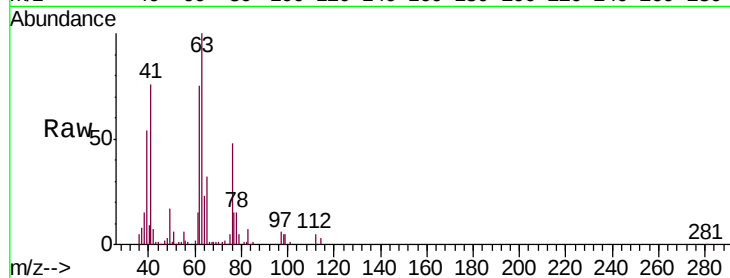




#45
 1,2-Dichloropropane
 Concen: 19.464 ug/l
 RT: 9.37 min Scan# 1224
 Delta R.T. 0.00 min
 Lab File: VW012788.D
 Acq: 08 Sep 2019 23:56

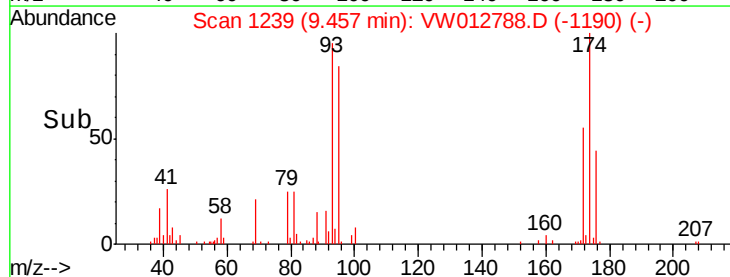
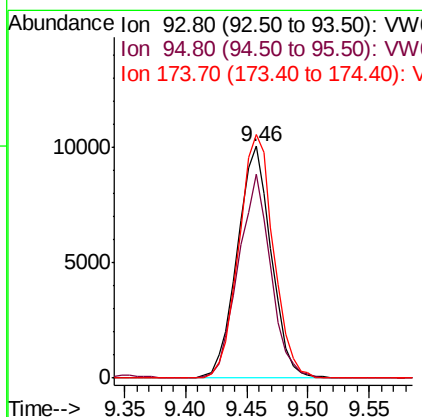
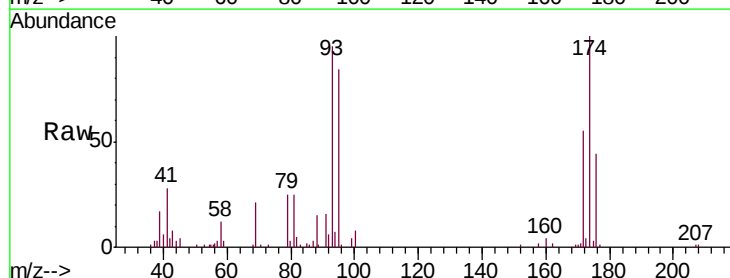
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0908SBS02

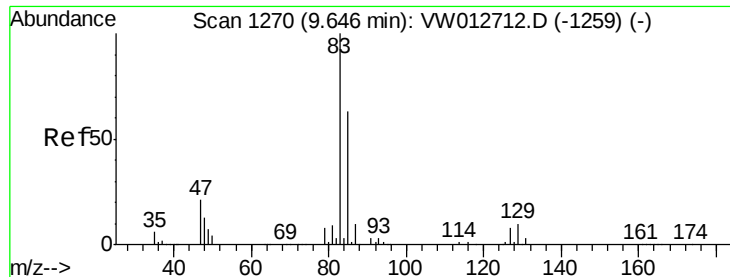
Tgt Ion: 63 Resp: 39857
 Ion Ratio Lower Upper
 63 100
 65 32.0 23.8 35.8



#46
 Dibromomethane
 Concen: 19.903 ug/l
 RT: 9.46 min Scan# 1239
 Delta R.T. 0.00 min
 Lab File: VW012788.D
 Acq: 08 Sep 2019 23:56

Tgt Ion: 93 Resp: 19299
 Ion Ratio Lower Upper
 93 100
 95 84.4 65.2 97.8
 174 106.8 84.2 126.4





#47

Bromodichloromethane

Concen: 19.492 ug/l

RT: 9.64 min Scan# 1269

Delta R.T. -0.01 min

Lab File: VW012788.D

Acq: 08 Sep 2019 23:56

Instrument :

MSVOA_W

ClientSampleId :

VW0908SBS02

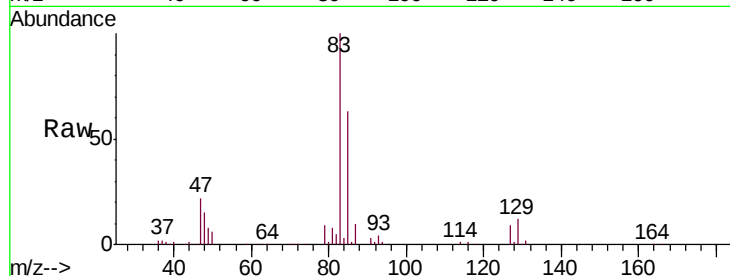
Tgt Ion: 83 Resp: 51999

Ion Ratio Lower Upper

83 100

85 63.3 50.2 75.2

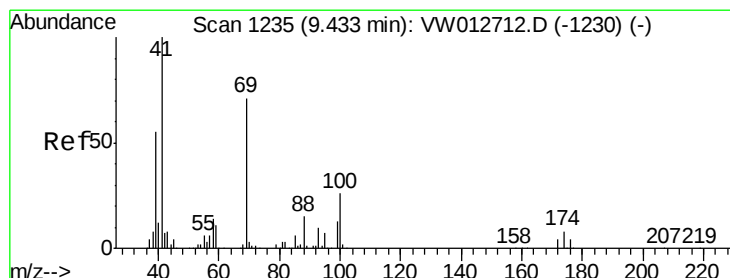
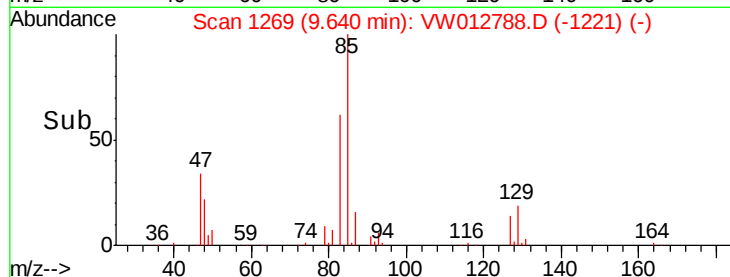
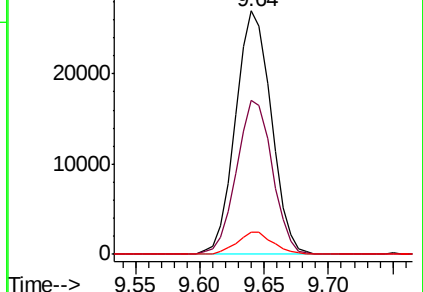
127 9.1 6.6 9.8



Abundance Ion 82.90 (82.60 to 83.60): VW

Ion 84.90 (84.60 to 85.60): VW

Ion 126.80 (126.50 to 127.50): VW



#48

Methyl methacrylate

Concen: 17.911 ug/l

RT: 9.43 min Scan# 1235

Delta R.T. 0.00 min

Lab File: VW012788.D

Acq: 08 Sep 2019 23:56

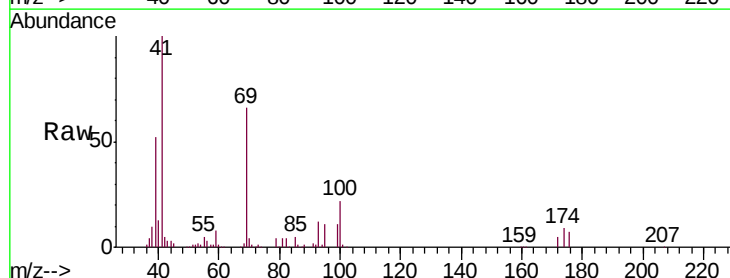
Tgt Ion: 41 Resp: 27508

Ion Ratio Lower Upper

41 100

69 75.7 59.8 89.8

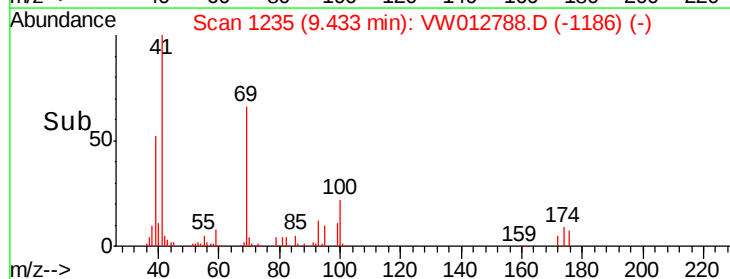
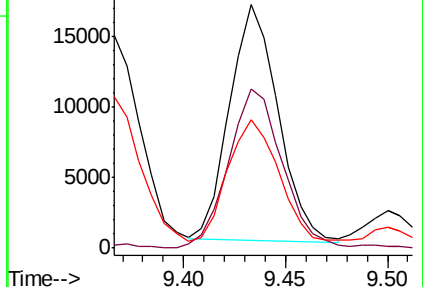
39 55.4 47.0 70.6

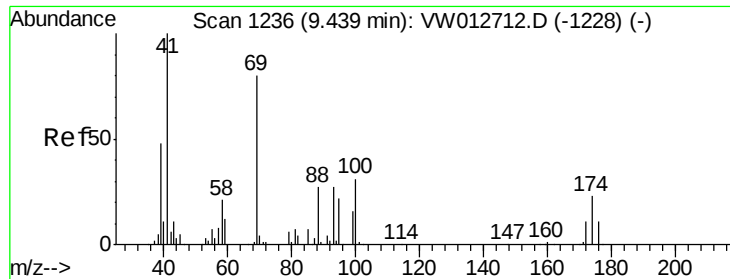


Abundance Ion 41.00 (40.70 to 41.70): VW

Ion 69.00 (68.70 to 69.70): VW

Ion 39.00 (38.70 to 39.70): VW

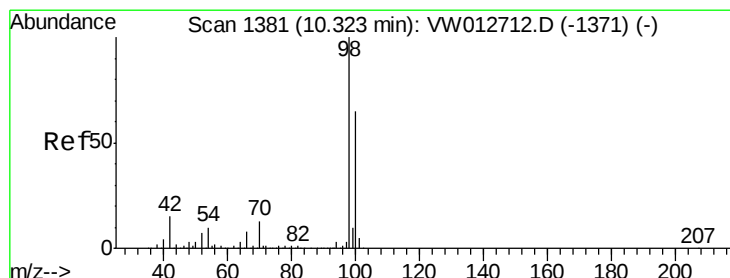
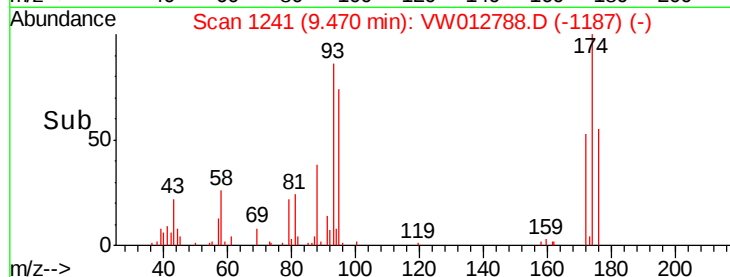
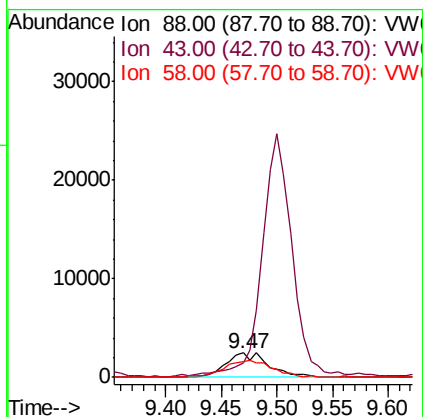
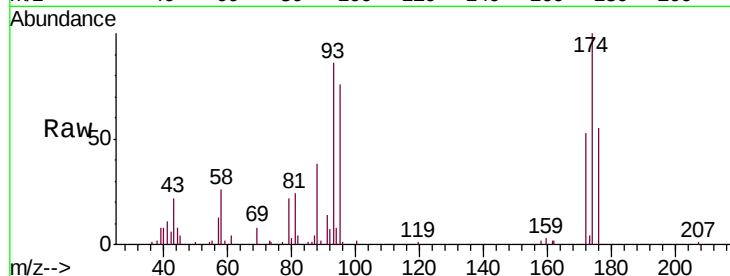




#49
1,4-Dioxane
Concen: 342.492 ug/l
RT: 9.47 min Scan# 1241
Delta R.T. 0.03 min
Lab File: VW012788.D
Acq: 08 Sep 2019 23:56

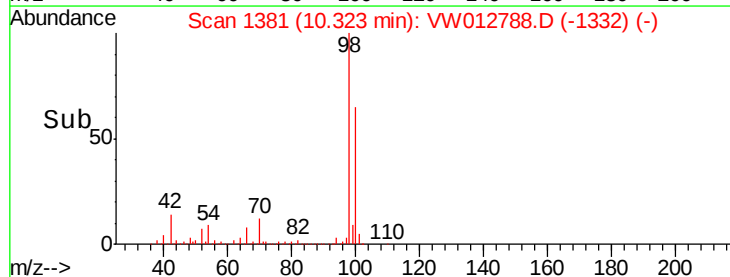
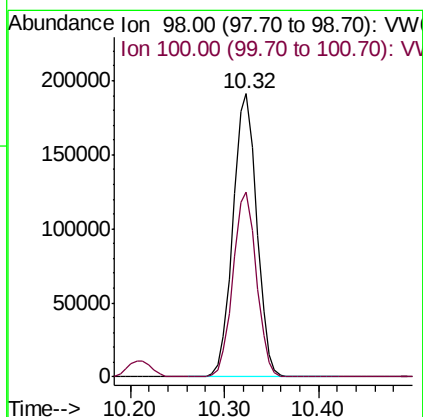
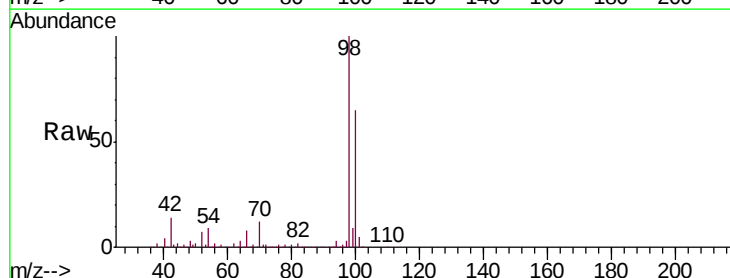
Instrument :
MSVOA_W
ClientSampleId :
VW0908SBS02

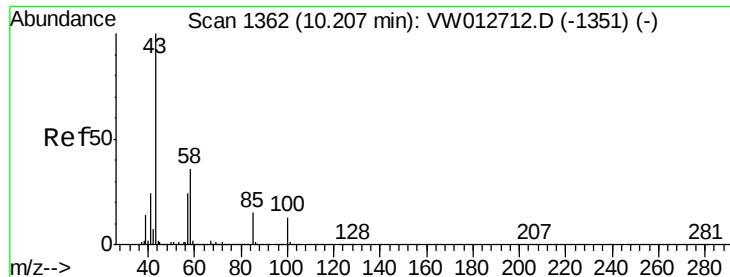
Tgt Ion: 88 Resp: 6560
Ion Ratio Lower Upper
88 100
43 0.0 34.8 52.2#
58 80.8 64.1 96.1



#50
Toluene-d8
Concen: 48.003 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. 0.00 min
Lab File: VW012788.D
Acq: 08 Sep 2019 23:56

Tgt Ion: 98 Resp: 334856
Ion Ratio Lower Upper
98 100
100 64.6 52.2 78.4

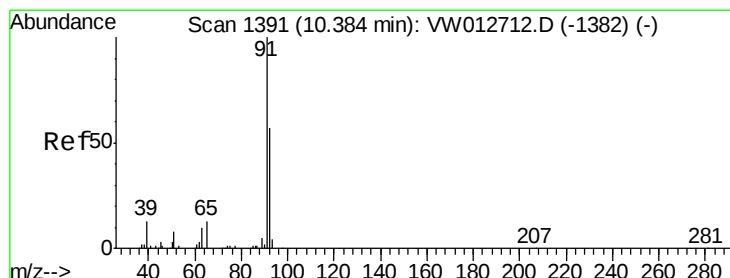
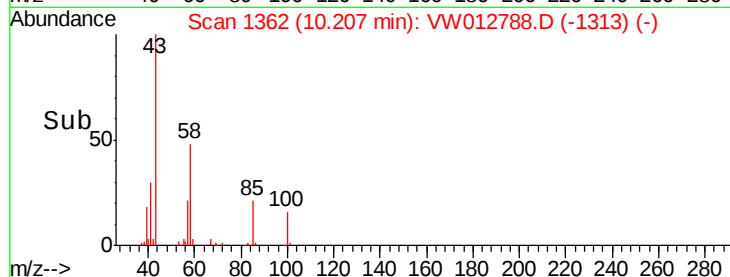
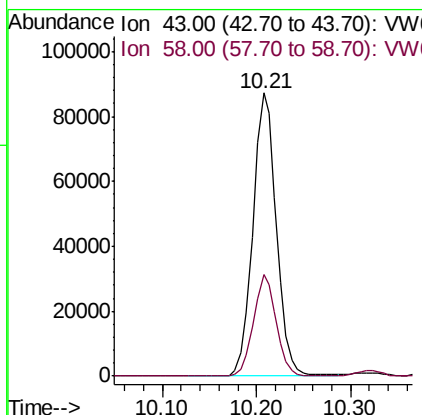
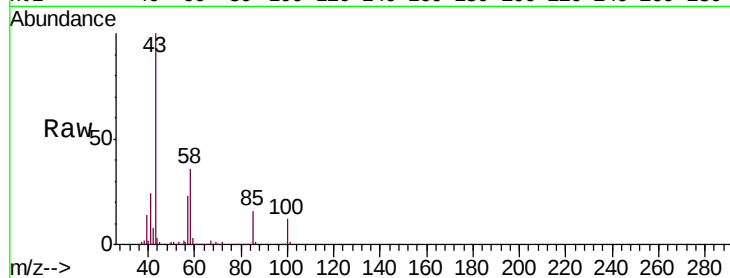




#51
 4-Methyl-2-Pentanone
 Concen: 91.109 ug/l
 RT: 10.21 min Scan# 1362
 Delta R.T. 0.00 min
 Lab File: VW012788.D
 Acq: 08 Sep 2019 23:56

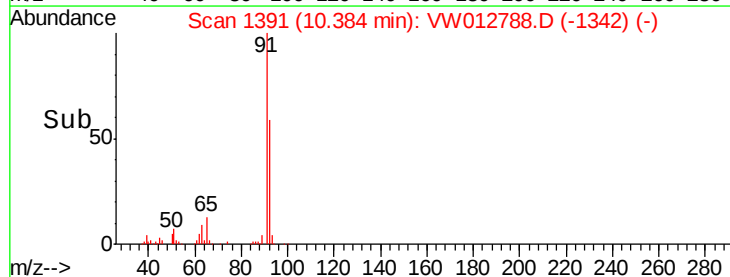
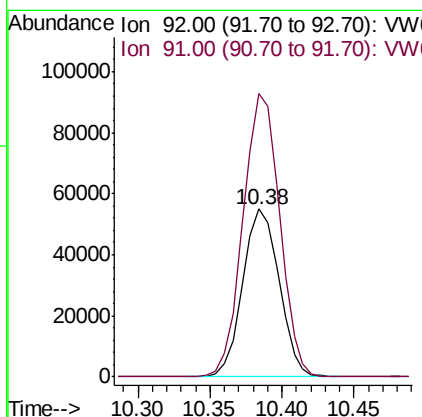
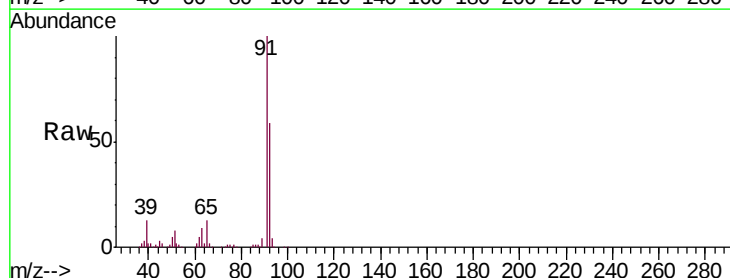
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0908SBS02

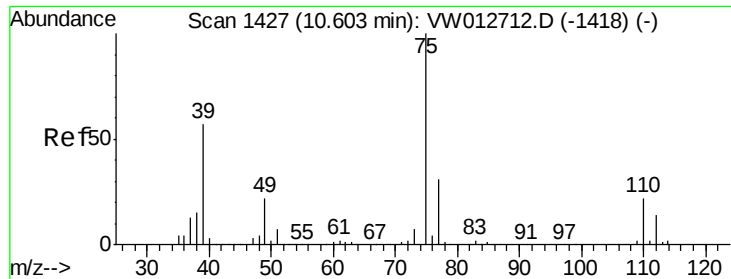
Tgt Ion: 43 Resp: 153644
 Ion Ratio Lower Upper
 43 100
 58 34.6 28.4 42.6



#52
 Toluene
 Concen: 20.881 ug/l
 RT: 10.38 min Scan# 1391
 Delta R.T. 0.00 min
 Lab File: VW012788.D
 Acq: 08 Sep 2019 23:56

Tgt Ion: 92 Resp: 96219
 Ion Ratio Lower Upper
 92 100
 91 170.3 137.0 205.4





#53

t-1,3-Dichloropropene

Concen: 18.251 ug/l

RT: 10.60 min Scan# 1427

Delta R.T. 0.00 min

Lab File: VW012788.D

Acq: 08 Sep 2019 23:56

Instrument :

MSVOA_W

ClientSampleId :

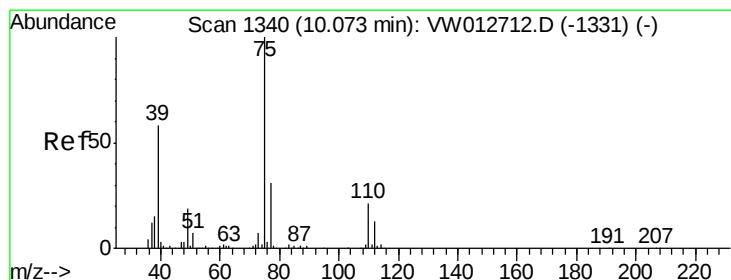
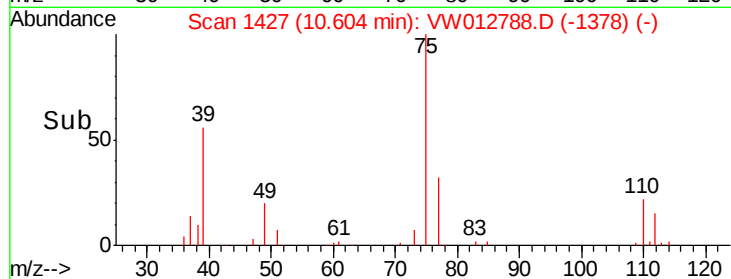
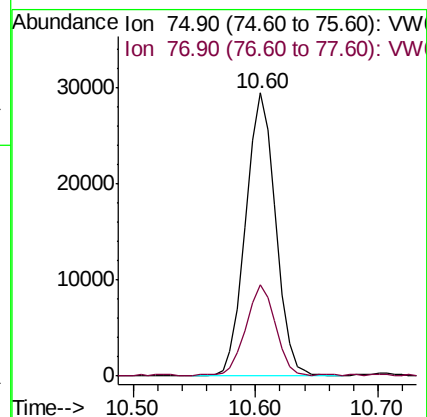
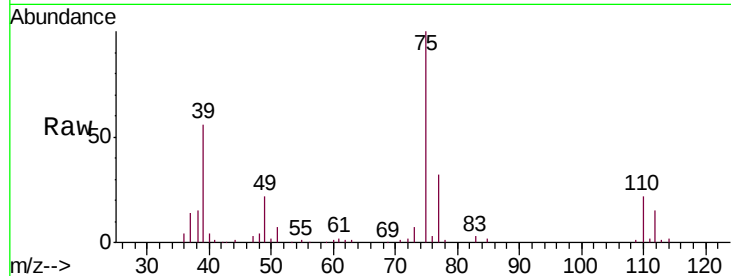
VW0908SBS02

Tgt Ion: 75 Resp: 50065

Ion Ratio Lower Upper

75 100

77 31.9 24.7 37.1



#54

cis-1,3-Dichloropropene

Concen: 18.683 ug/l

RT: 10.07 min Scan# 1339

Delta R.T. -0.01 min

Lab File: VW012788.D

Acq: 08 Sep 2019 23:56

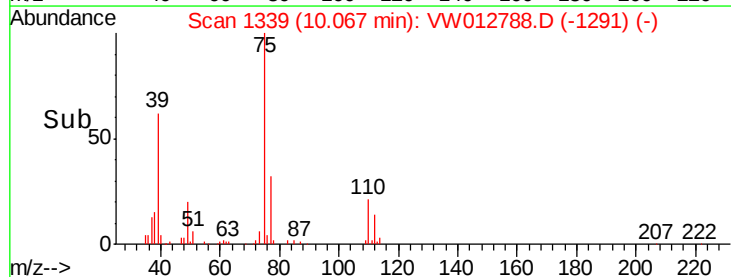
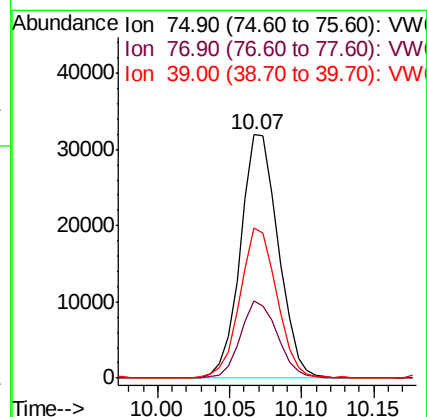
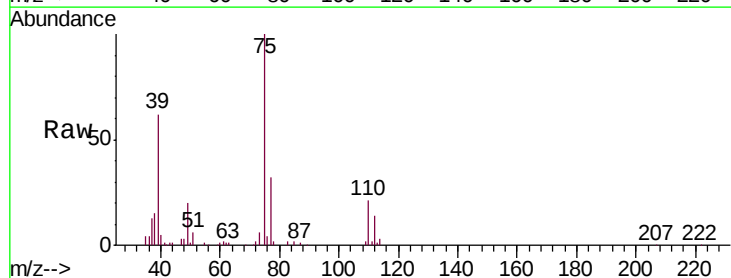
Tgt Ion: 75 Resp: 58140

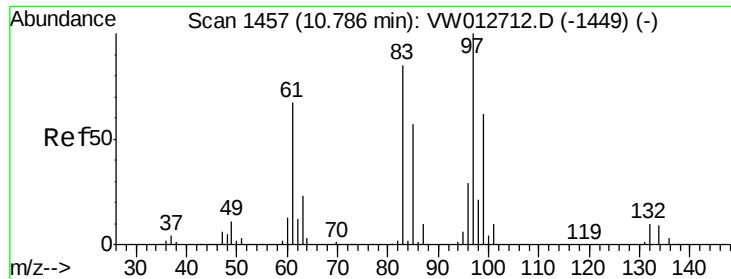
Ion Ratio Lower Upper

75 100

77 31.7 24.6 36.8

39 61.6 46.3 69.5

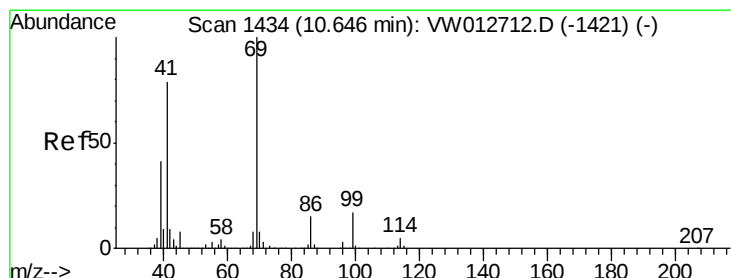
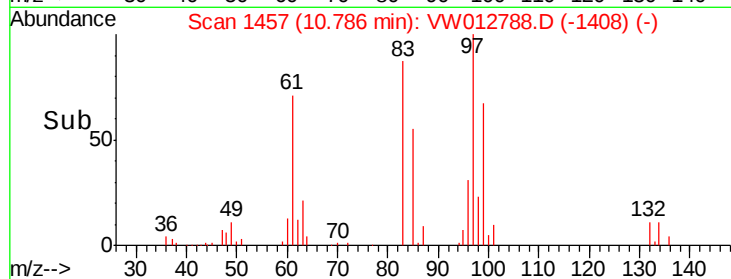
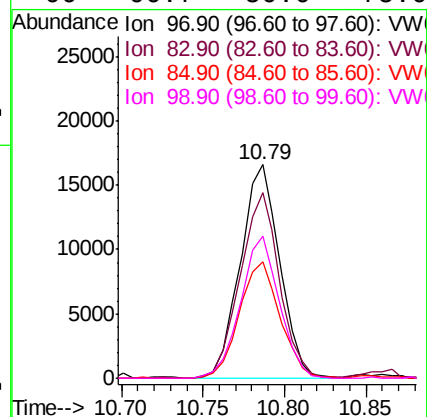
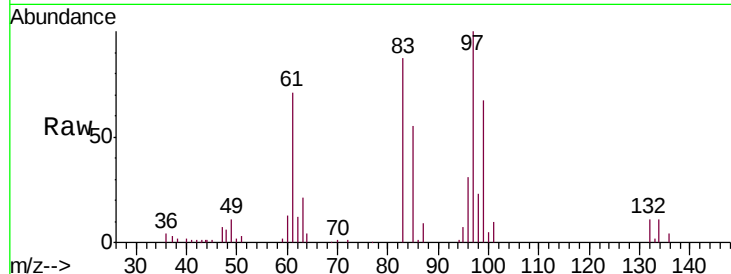




#55
 1,1,2-Trichloroethane
 Concen: 19.237 ug/l
 RT: 10.79 min Scan# 1457
 Delta R.T. 0.00 min
 Lab File: VW012788.D
 Acq: 08 Sep 2019 23:56

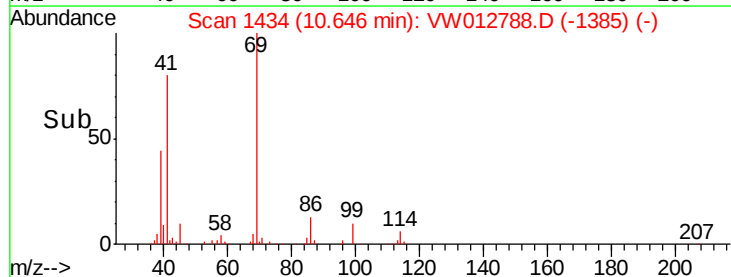
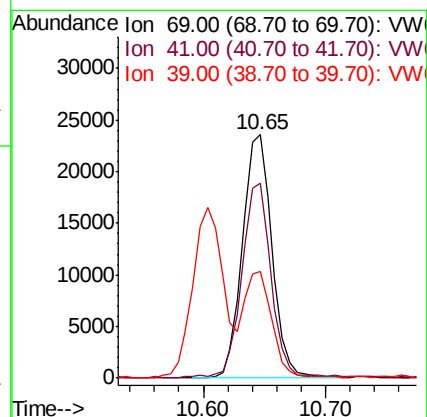
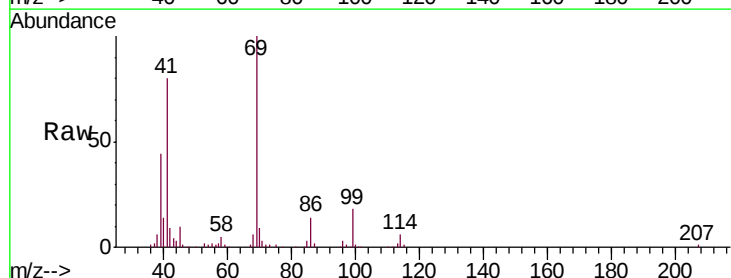
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0908SBS02

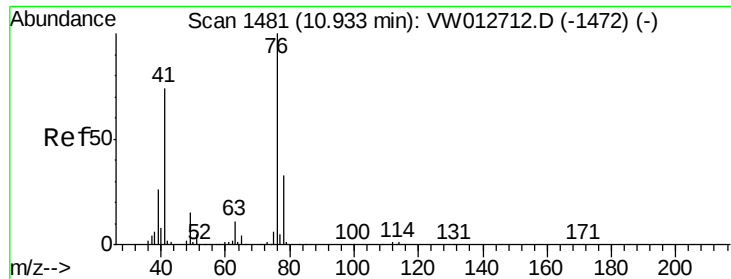
Tgt Ion:	97	Resp:	27927
Ion	Ratio	Lower	Upper
97	100		
83	87.2	68.1	102.1
85	54.5	45.3	67.9
99	66.7	50.0	75.0



#56
 Ethyl methacrylate
 Concen: 18.509 ug/l
 RT: 10.65 min Scan# 1434
 Delta R.T. 0.00 min
 Lab File: VW012788.D
 Acq: 08 Sep 2019 23:56

Tgt Ion:	69	Resp:	39331
Ion	Ratio	Lower	Upper
69	100		
41	81.5	64.4	96.6
39	38.6	31.1	46.7

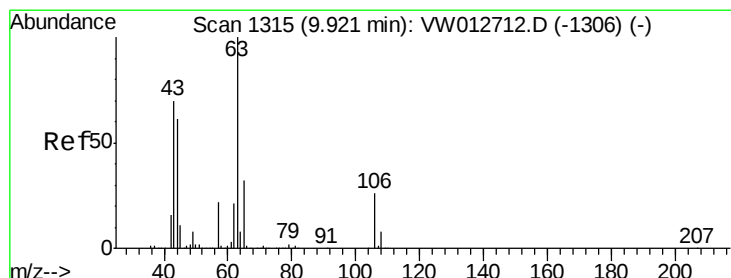
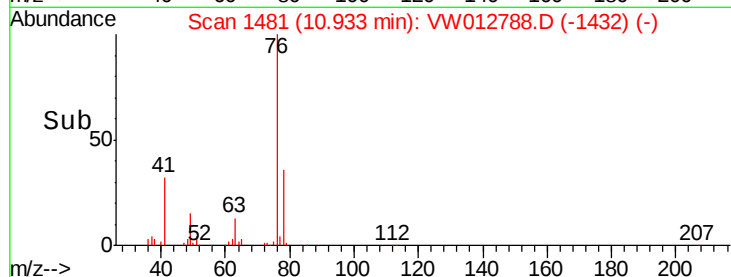
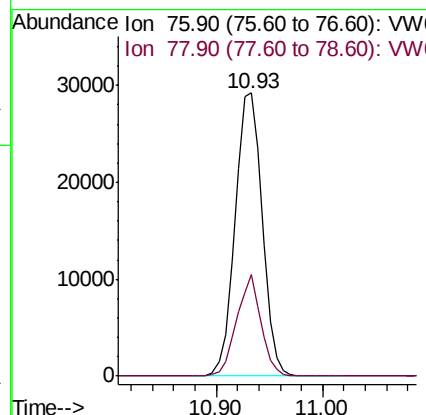
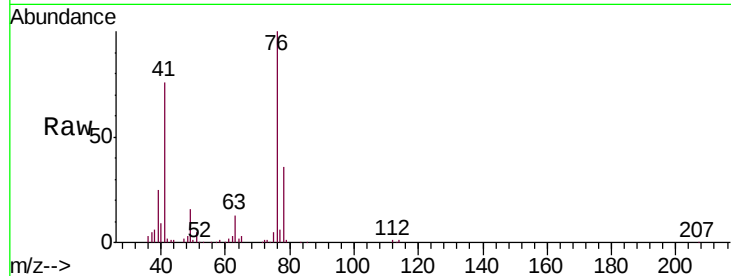




#57
 1,3-Dichloropropane
 Concen: 19.515 ug/l
 RT: 10.93 min Scan# 1481
 Delta R.T. 0.00 min
 Lab File: VW012788.D
 Acq: 08 Sep 2019 23:56

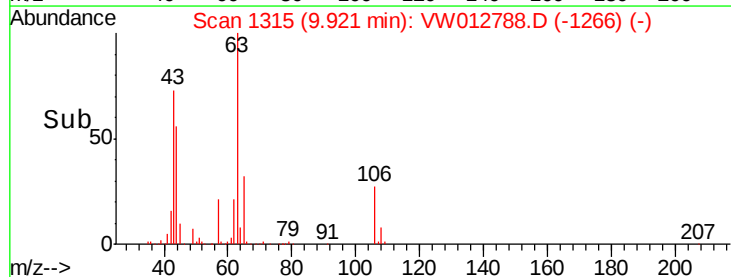
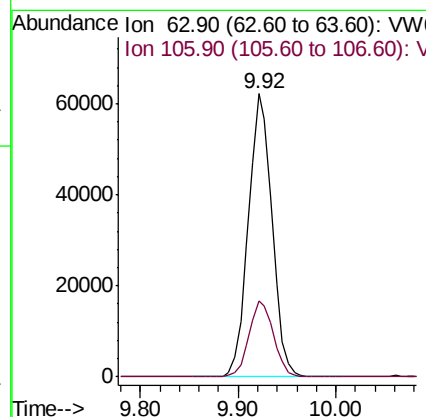
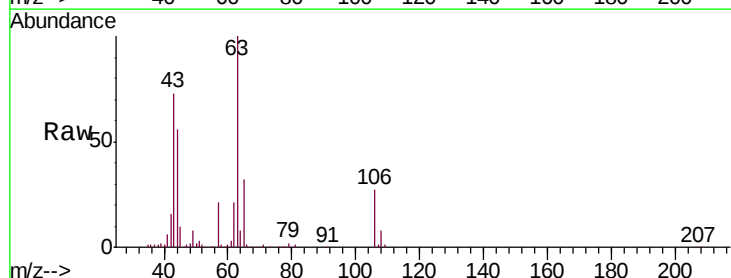
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0908SBS02

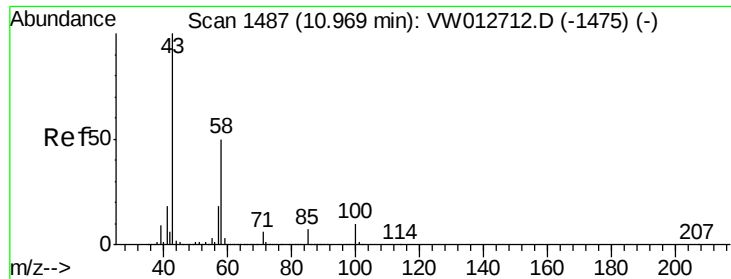
Tgt Ion: 76 Resp: 52410
 Ion Ratio Lower Upper
 76 100
 78 32.1 25.9 38.9



#58
 2-Chloroethyl Vinyl ether
 Concen: 92.631 ug/l
 RT: 9.92 min Scan# 1315
 Delta R.T. 0.00 min
 Lab File: VW012788.D
 Acq: 08 Sep 2019 23:56

Tgt Ion: 63 Resp: 104500
 Ion Ratio Lower Upper
 63 100
 106 27.5 20.5 30.7

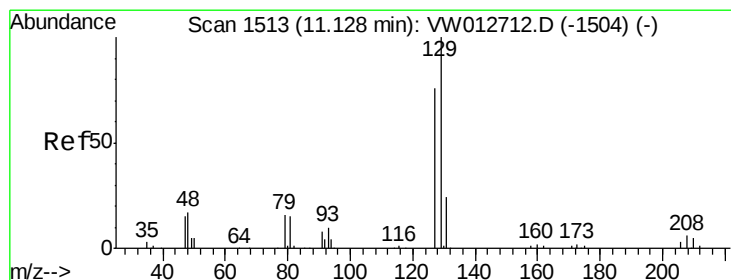
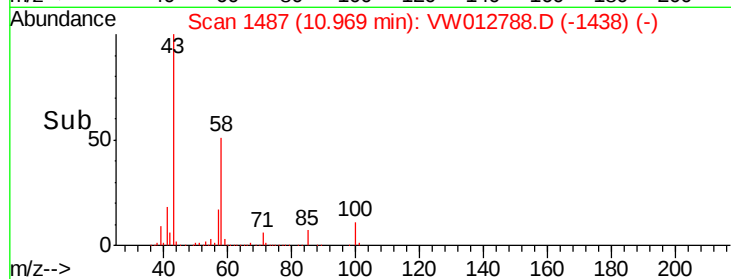
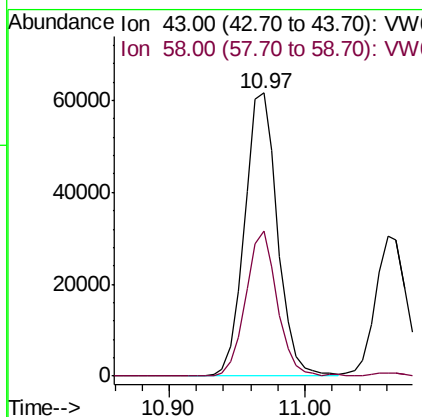
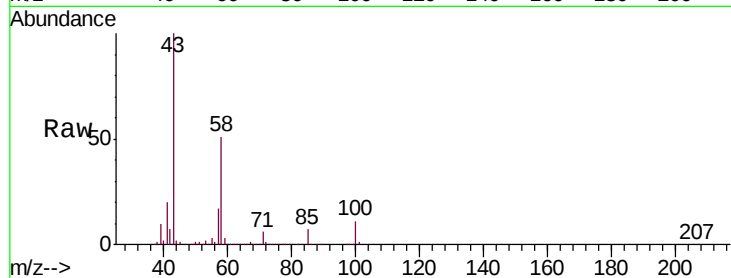




#59
2-Hexanone
Concen: 84.764 ug/l
RT: 10.97 min Scan# 1487
Delta R.T. 0.00 min
Lab File: VW012788.D
Acq: 08 Sep 2019 23:56

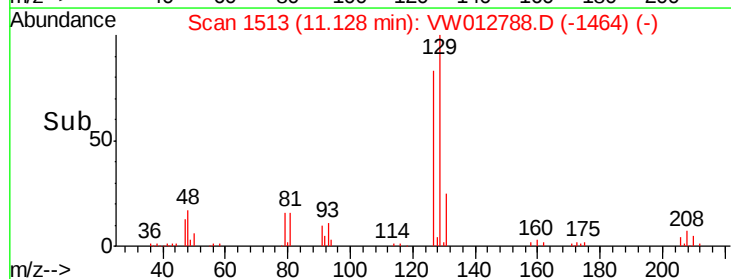
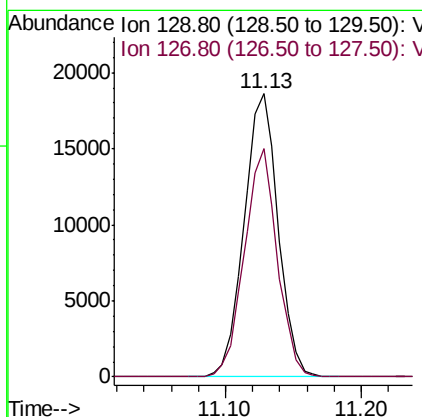
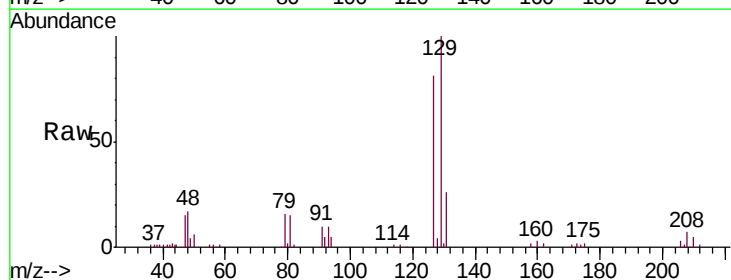
Instrument :
MSVOA_W
ClientSampleId :
VW0908SBS02

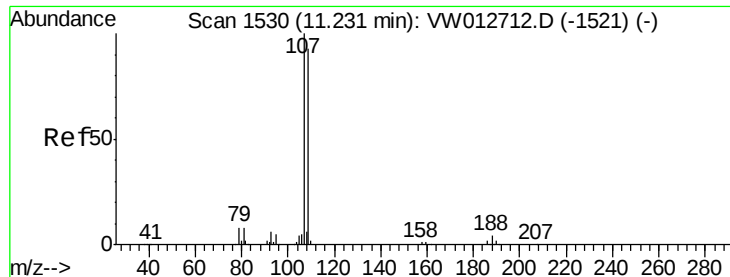
Tgt Ion: 43 Resp: 104432
Ion Ratio Lower Upper
43 100
58 49.2 24.7 74.1



#60
Dibromochloromethane
Concen: 19.102 ug/l
RT: 11.13 min Scan# 1513
Delta R.T. 0.00 min
Lab File: VW012788.D
Acq: 08 Sep 2019 23:56

Tgt Ion: 129 Resp: 32613
Ion Ratio Lower Upper
129 100
127 77.9 38.6 115.8





#61

1,2-Dibromoethane

Concen: 19.415 ug/l

RT: 11.23 min Scan# 1530

Delta R.T. 0.00 min

Lab File: VW012788.D

Acq: 08 Sep 2019 23:56

Instrument :

MSVOA_W

ClientSampleId :

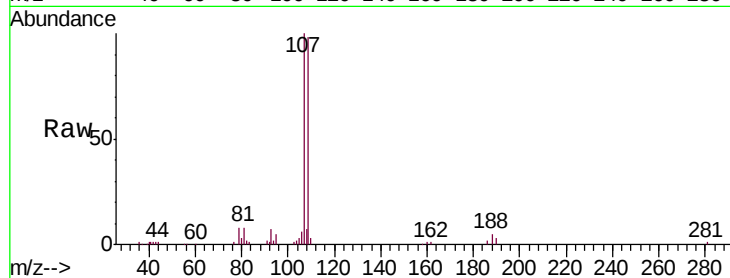
VW0908SBS02

Tgt Ion: 107 Resp: 25840

Ion Ratio Lower Upper

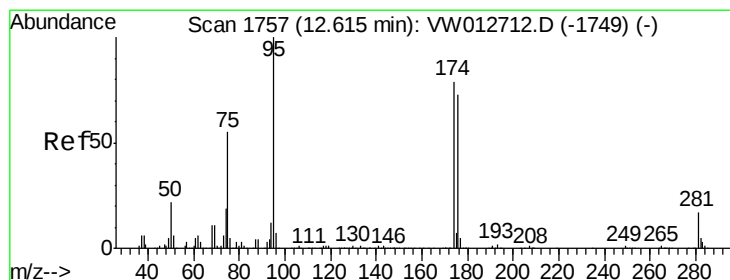
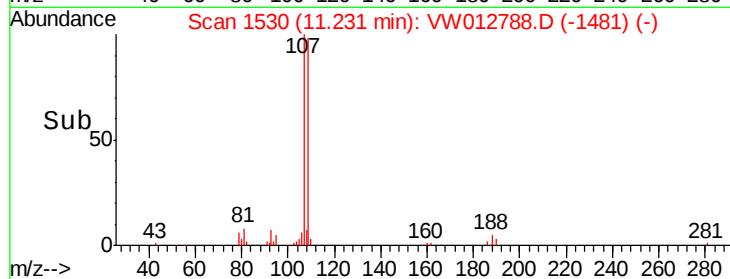
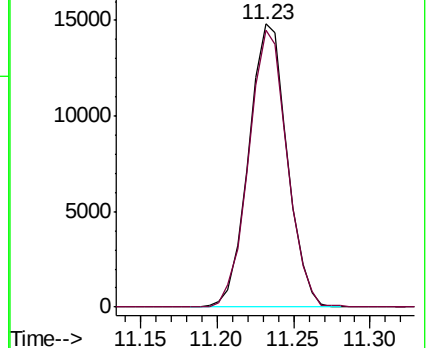
107 100

109 98.0 75.0 112.6



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 44.371 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. 0.00 min

Lab File: VW012788.D

Acq: 08 Sep 2019 23:56

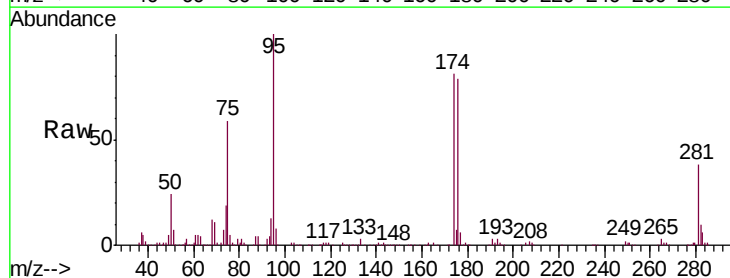
Tgt Ion: 95 Resp: 112366

Ion Ratio Lower Upper

95 100

174 83.1 0.0 161.0

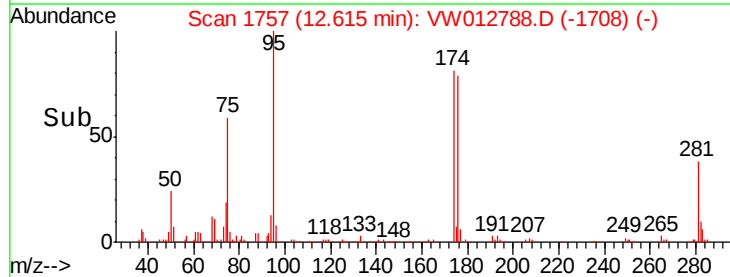
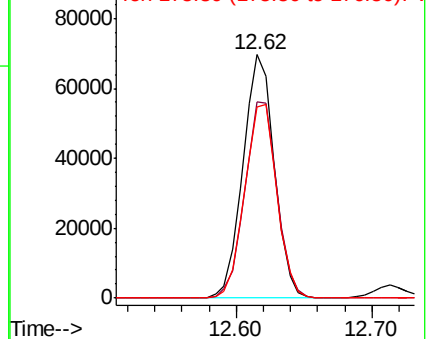
176 81.8 0.0 156.4

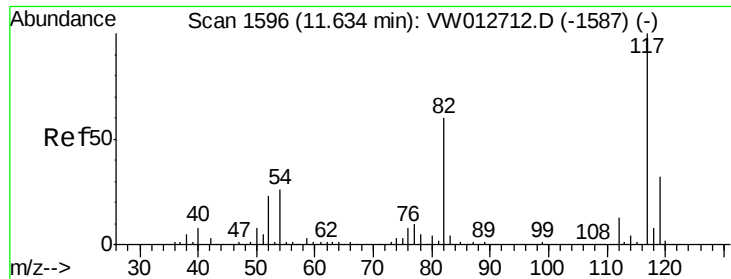


Abundance Ion 94.90 (94.60 to 95.60): VW

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

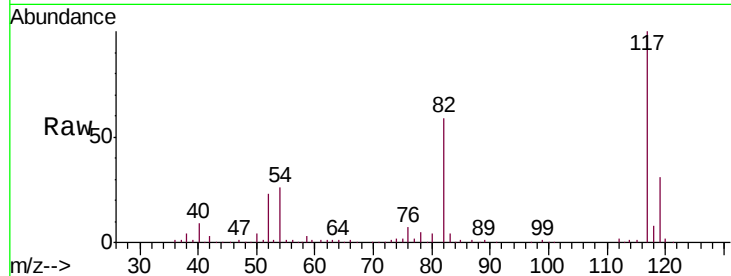




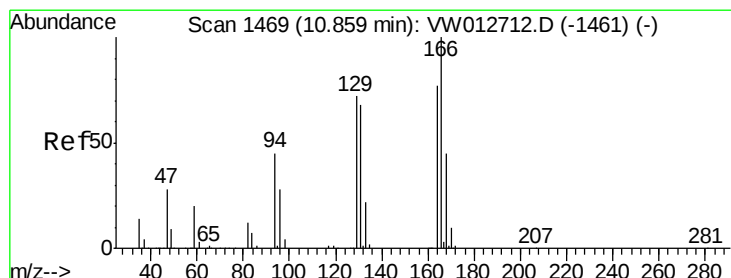
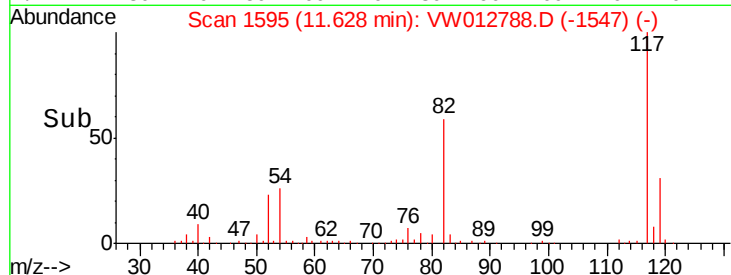
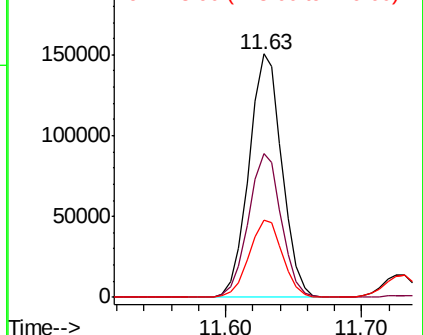
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1595
Delta R.T. -0.01 min
Lab File: VW012788.D
Acq: 08 Sep 2019 23:56

Instrument :
MSVOA_W
ClientSampleId :
VW0908SBS02

Tgt Ion:117 Resp: 255992
Ion Ratio Lower Upper
117 100
82 59.0 48.2 72.4
119 31.5 25.8 38.6

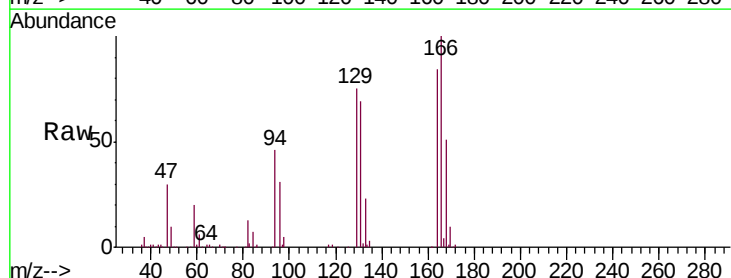


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VW
Ion 118.90 (118.60 to 119.60): V

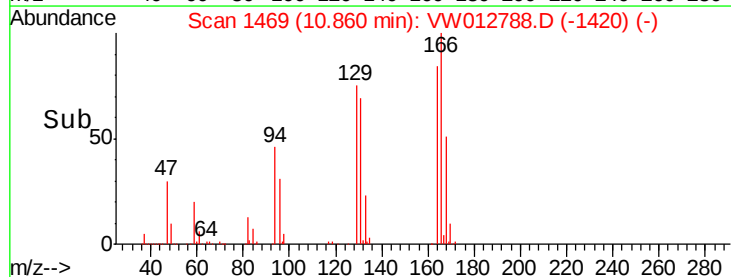
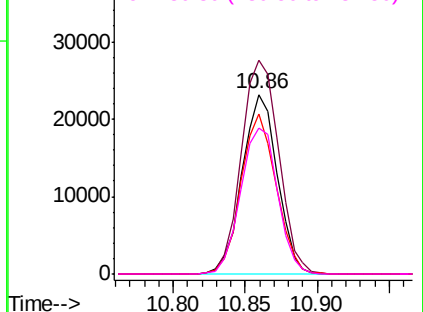


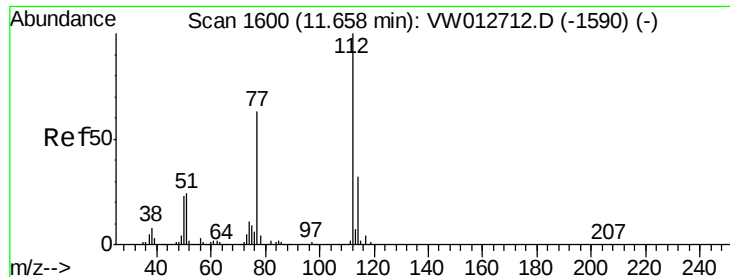
#64
Tetrachloroethene
Concen: 25.302 ug/l
RT: 10.86 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VW012788.D
Acq: 08 Sep 2019 23:56

Tgt Ion:164 Resp: 39302
Ion Ratio Lower Upper
164 100
166 118.8 103.6 155.4
129 89.3 74.6 112.0
131 81.5 70.6 106.0



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





#65

Chlorobenzene

Concen: 20.642 ug/l

RT: 11.65 min Scan# 1599

Delta R.T. -0.01 min

Lab File: VW012788.D

Acq: 08 Sep 2019 23:56

Instrument :

MSVOA_W

ClientSampleId :

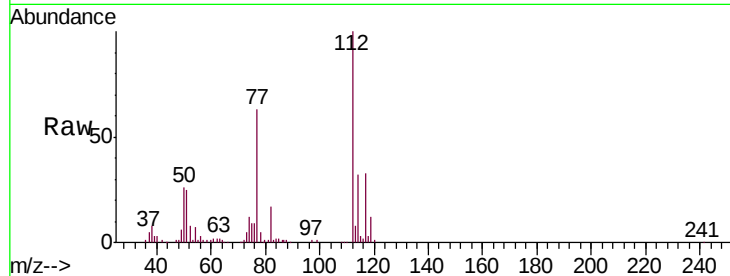
VW0908SBS02

Tgt Ion:112 Resp: 99872

Ion Ratio Lower Upper

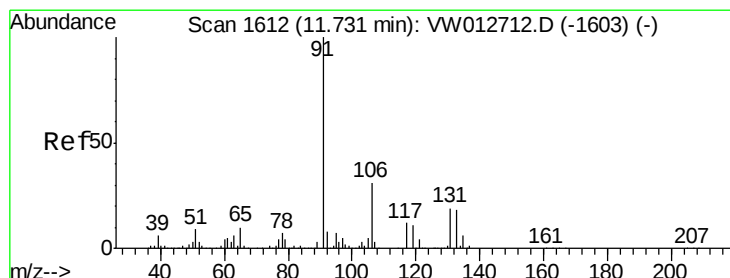
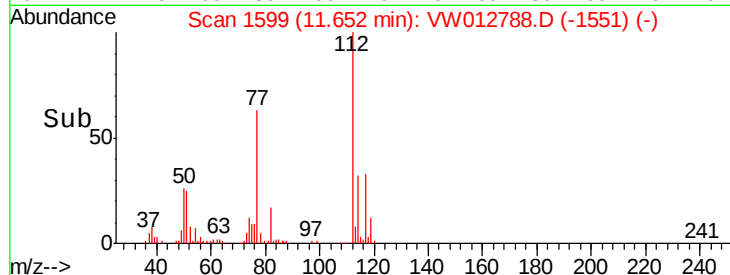
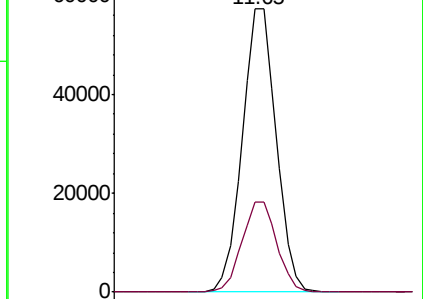
112 100

114 31.9 25.3 37.9



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 20.406 ug/l

RT: 11.73 min Scan# 1611

Delta R.T. -0.01 min

Lab File: VW012788.D

Acq: 08 Sep 2019 23:56

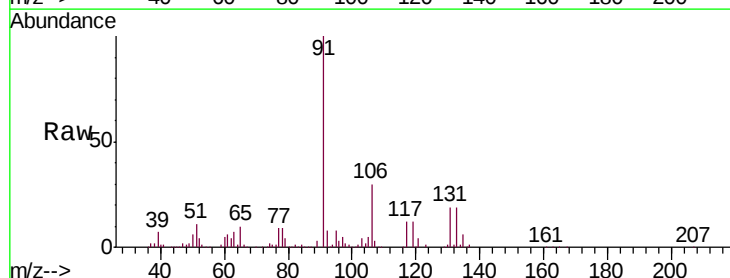
Tgt Ion:131 Resp: 36767

Ion Ratio Lower Upper

131 100

133 98.7 47.6 142.8

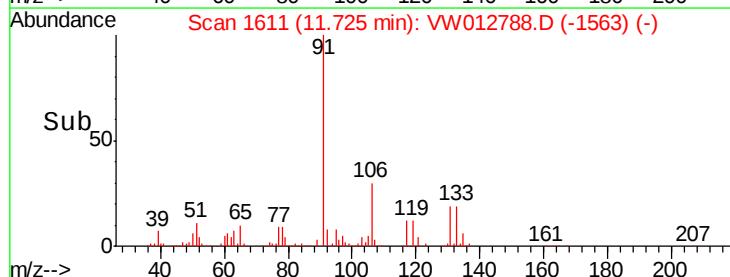
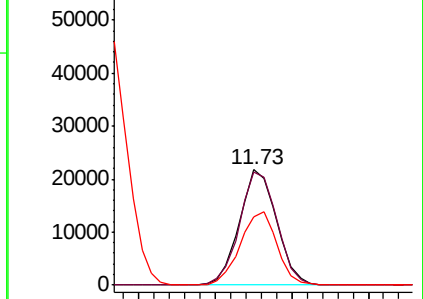
119 63.0 30.6 92.0

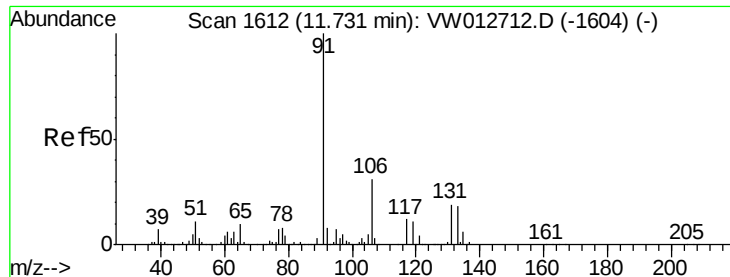


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V

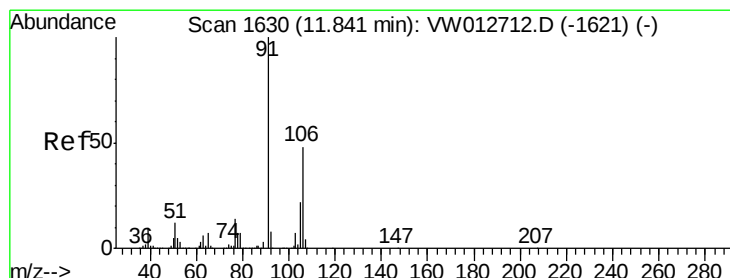
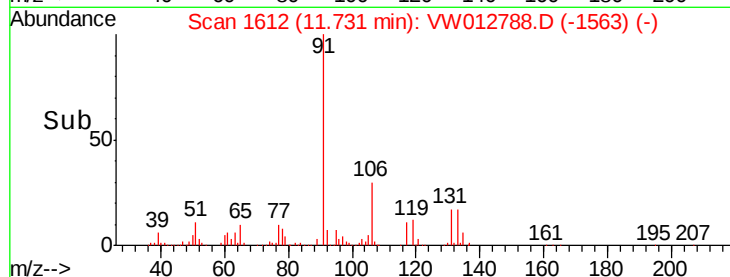
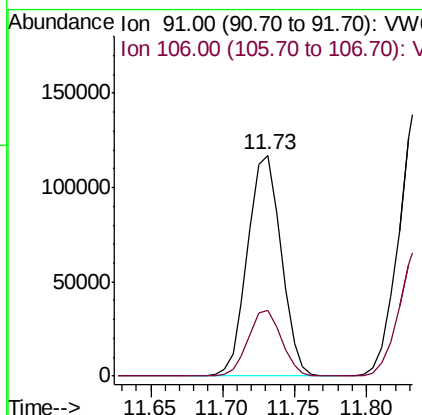
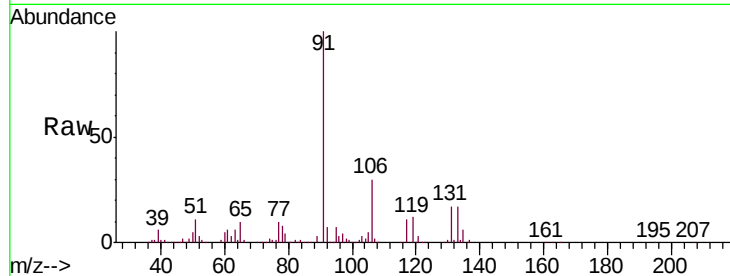




#67
Ethyl Benzene
Concen: 20.897 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. 0.00 min
Lab File: VW012788.D
Acq: 08 Sep 2019 23:56

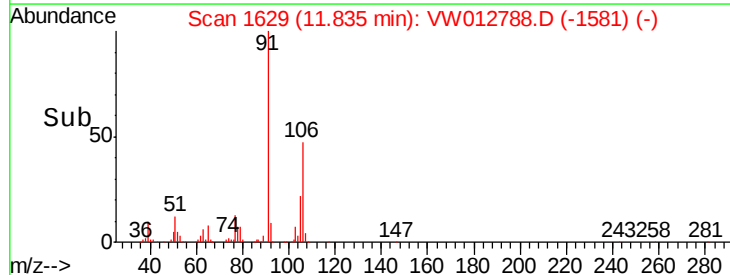
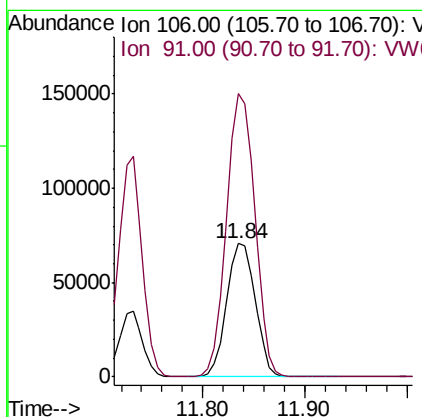
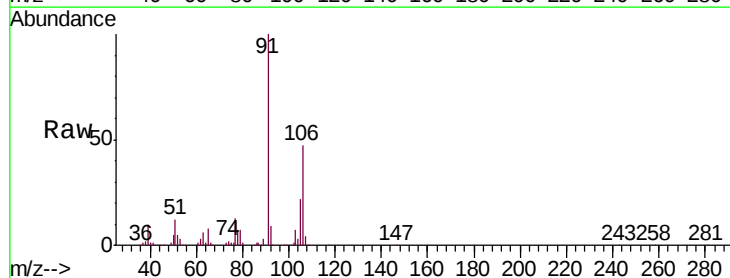
Instrument :
MSVOA_W
ClientSampleId :
VW0908SBS02

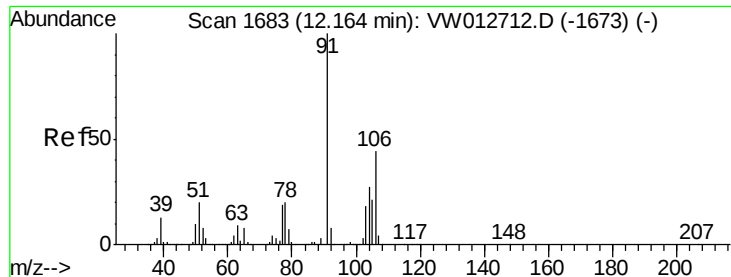
Tgt Ion: 91 Resp: 189699
Ion Ratio Lower Upper
91 100
106 29.6 24.4 36.6



#68
m/p-Xylenes
Concen: 41.983 ug/l
RT: 11.84 min Scan# 1629
Delta R.T. -0.01 min
Lab File: VW012788.D
Acq: 08 Sep 2019 23:56

Tgt Ion: 106 Resp: 137565
Ion Ratio Lower Upper
106 100
91 210.3 168.2 252.4

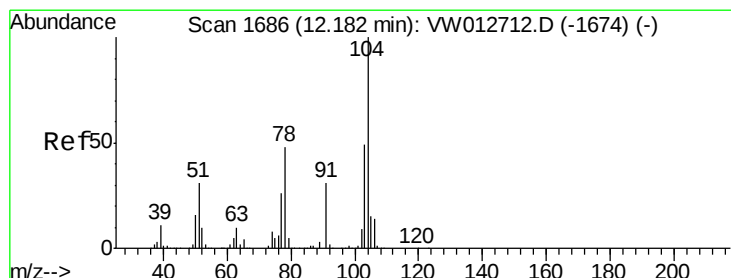
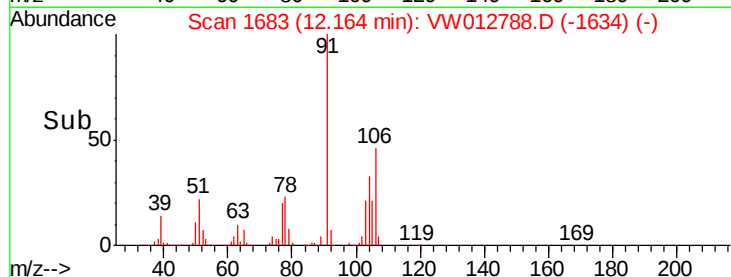
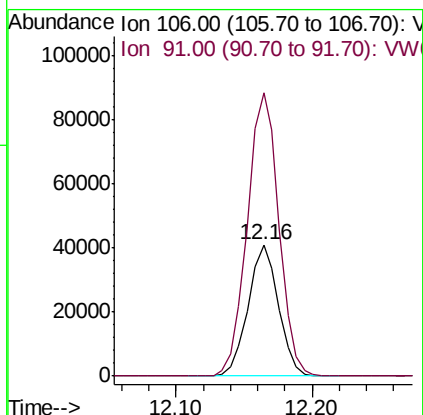
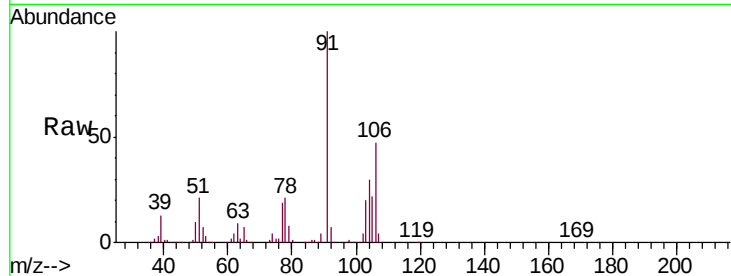




#69
o-Xylene
Concen: 20.713 ug/l
RT: 12.16 min Scan# 1683
Delta R.T. 0.00 min
Lab File: VW012788.D
Acq: 08 Sep 2019 23:56

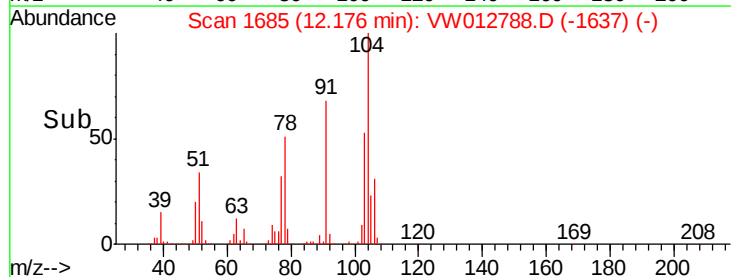
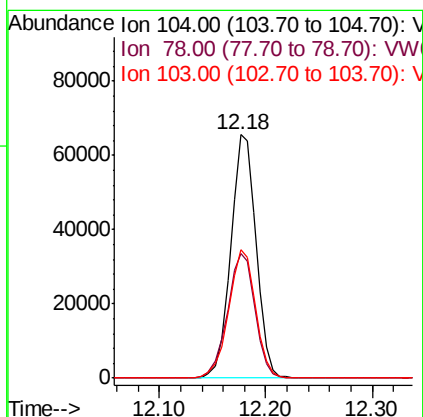
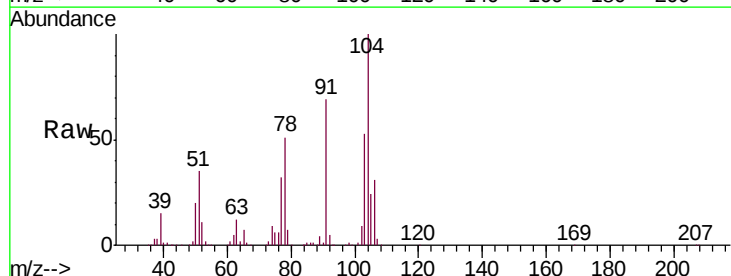
Instrument :
MSVOA_W
ClientSampleId :
VW0908SBS02

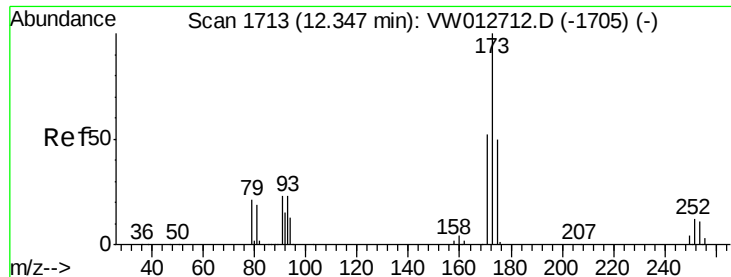
Tgt Ion:106 Resp: 64030
Ion Ratio Lower Upper
106 100
91 224.8 112.3 336.8



#70
Styrene
Concen: 20.020 ug/l
RT: 12.18 min Scan# 1685
Delta R.T. -0.01 min
Lab File: VW012788.D
Acq: 08 Sep 2019 23:56

Tgt Ion:104 Resp: 109363
Ion Ratio Lower Upper
104 100
78 55.9 43.3 64.9
103 55.9 44.0 66.0





#71

Bromoform

Concen: 19.868 ug/l

RT: 12.35 min Scan# 1713

Delta R.T. 0.00 min

Lab File: VW012788.D

Acq: 08 Sep 2019 23:56

Instrument :

MSVOA_W

ClientSampleId :

VW0908SBS02

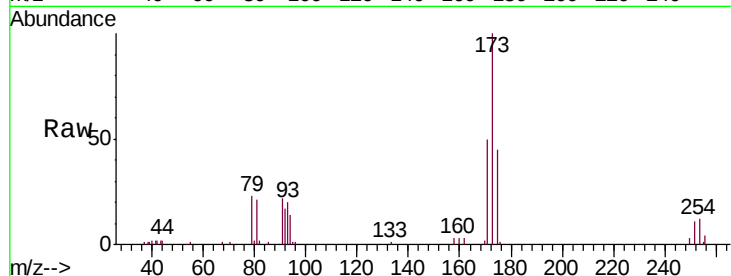
Tgt Ion:173 Resp: 19889

Ion Ratio Lower Upper

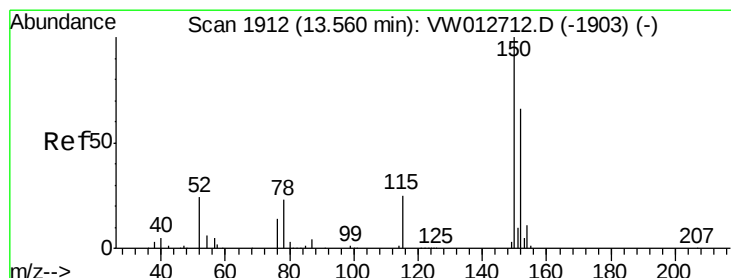
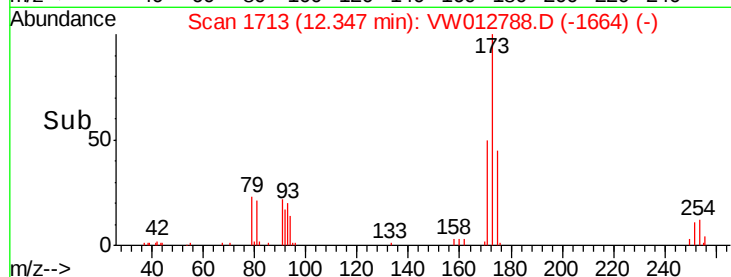
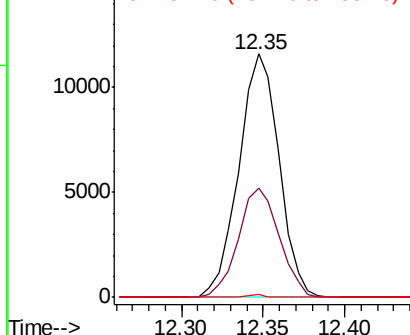
173 100

175 45.7 24.8 74.3

254 0.3 0.1 0.1#



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



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.55 min Scan# 1911

Delta R.T. -0.01 min

Lab File: VW012788.D

Acq: 08 Sep 2019 23:56

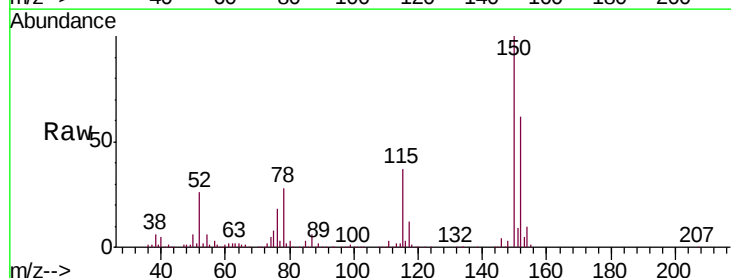
Tgt Ion:152 Resp: 125689

Ion Ratio Lower Upper

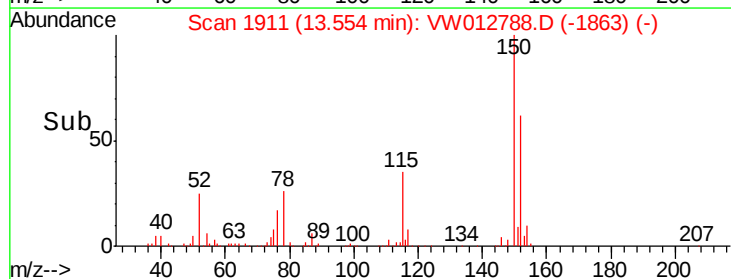
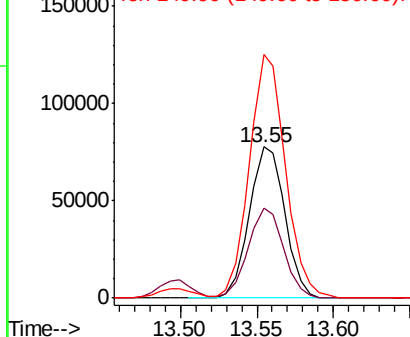
152 100

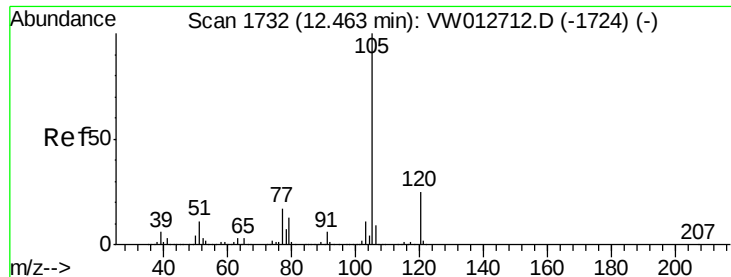
115 59.4 30.0 90.1

150 164.0 0.0 349.0



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: 20.869 ug/l

RT: 12.46 min Scan# 1732

Delta R.T. 0.00 min

Lab File: VW012788.D

Acq: 08 Sep 2019 23:56

Instrument :

MSVOA_W

ClientSampleId :

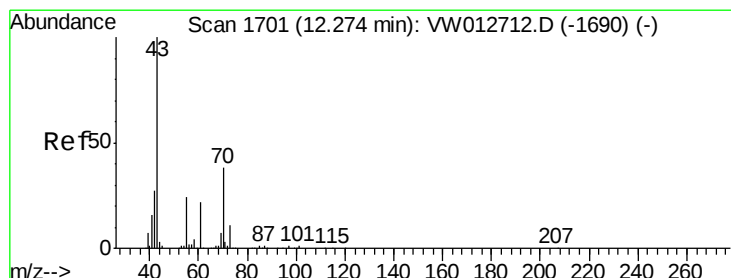
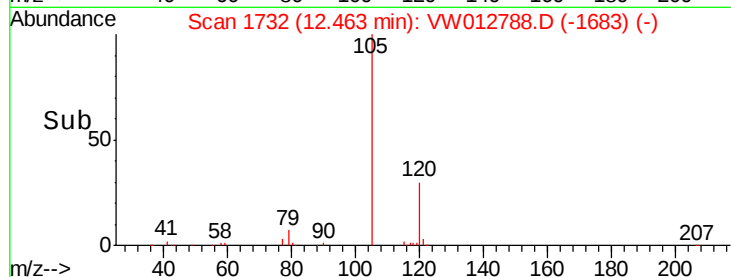
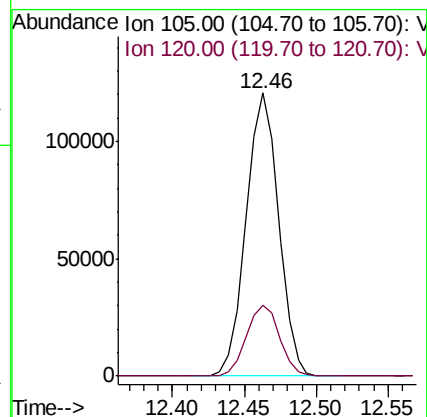
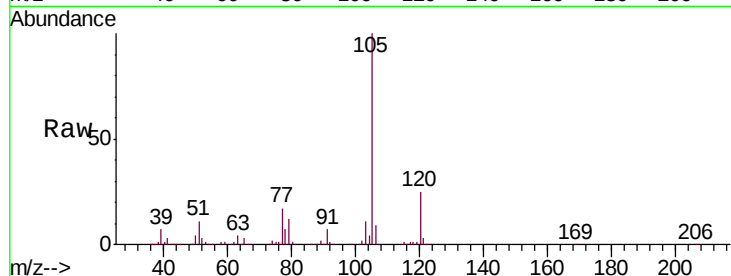
VW0908SBS02

Tgt Ion: 105 Resp: 188129

Ion Ratio Lower Upper

105 100

120 25.7 13.0 38.9



#74

N-ethyl acetate

Concen: 17.954 ug/l

RT: 12.27 min Scan# 1701

Delta R.T. 0.00 min

Lab File: VW012788.D

Acq: 08 Sep 2019 23:56

Tgt Ion: 43 Resp: 51375

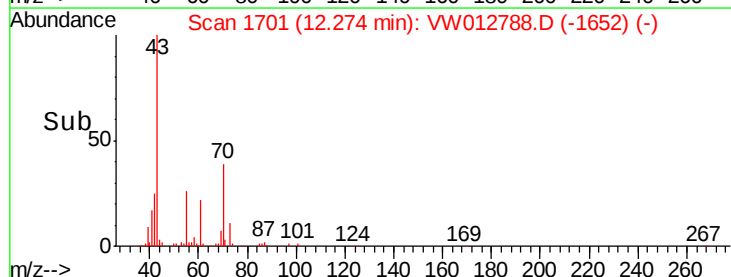
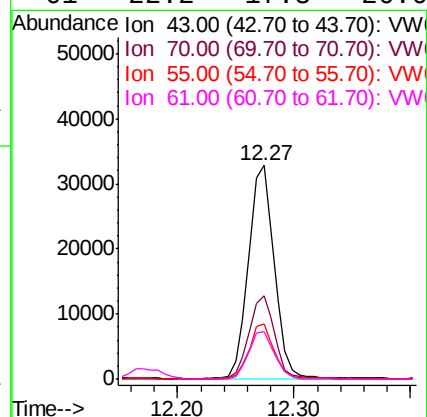
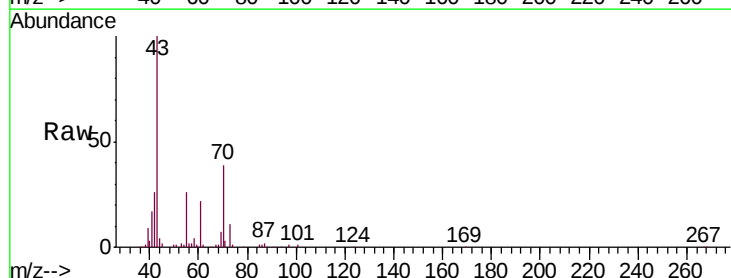
Ion Ratio Lower Upper

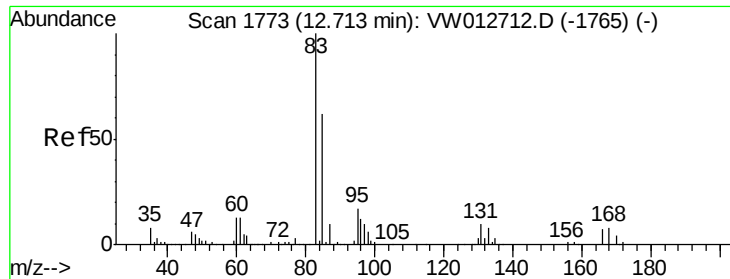
43 100

70 38.8 29.4 44.0

55 25.8 18.6 27.8

61 22.2 17.8 26.6





#75

1,1,2,2-Tetrachloroethane

Concen: 18.939 ug/l

RT: 12.71 min Scan# 1773

Delta R.T. 0.00 min

Lab File: VW012788.D

Acq: 08 Sep 2019 23:56

Instrument :

MSVOA_W

ClientSampled :

VW0908SBS02

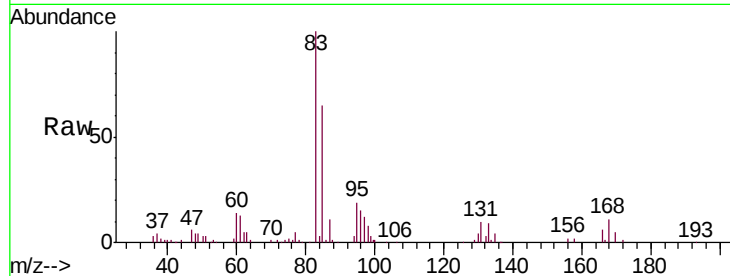
Tgt Ion: 83 Resp: 34287

Ion Ratio Lower Upper

83 100

131 11.1 5.1 15.4

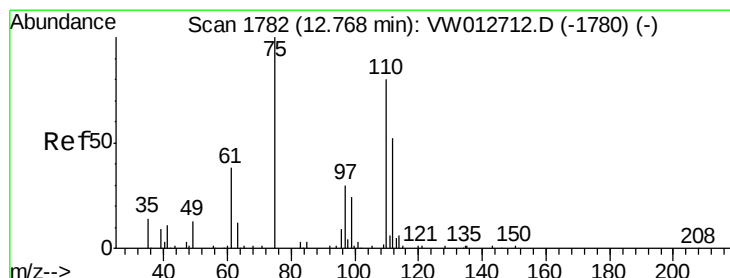
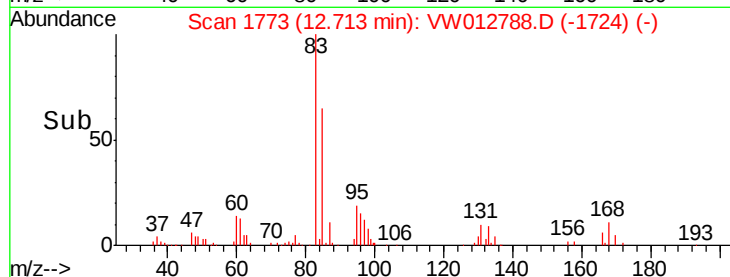
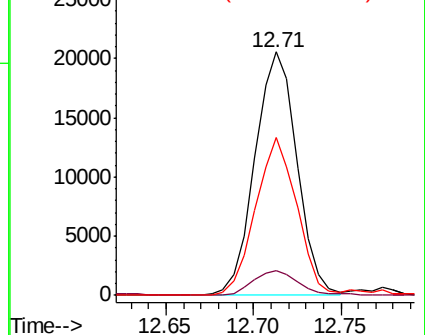
85 63.5 31.4 94.2



Abundance Ion 82.90 (82.60 to 83.60): VW

Ion 130.80 (130.50 to 131.50): VW

Ion 84.90 (84.60 to 85.60): VW



#76

1,2,3-Trichloropropane

Concen: 34.401 ug/l

RT: 12.77 min Scan# 1782

Delta R.T. 0.00 min

Lab File: VW012788.D

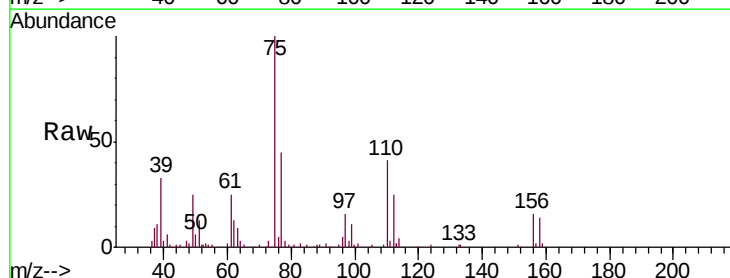
Acq: 08 Sep 2019 23:56

Tgt Ion: 75 Resp: 44213

Ion Ratio Lower Upper

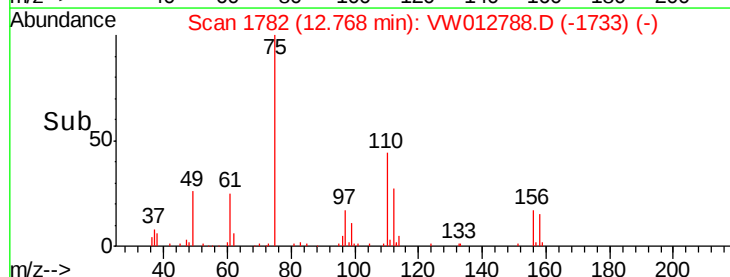
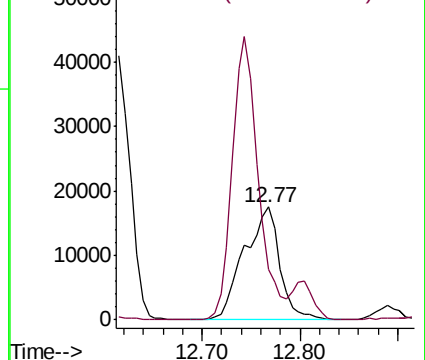
75 100

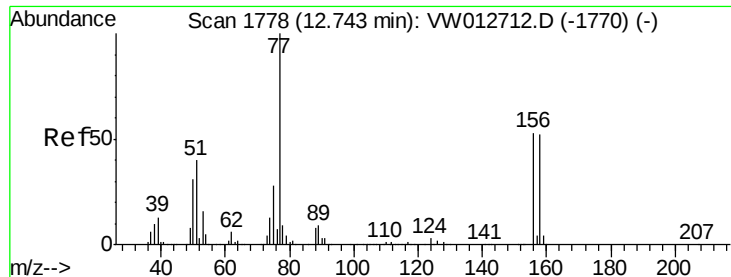
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 77.00 (76.70 to 77.70): VW





#77

Bromobenzene

Concen: 20.907 ug/l

RT: 12.74 min Scan# 1778

Delta R.T. 0.00 min

Lab File: VW012788.D

Acq: 08 Sep 2019 23:56

Instrument :

MSVOA_W

ClientSampleId :

VW0908SBS02

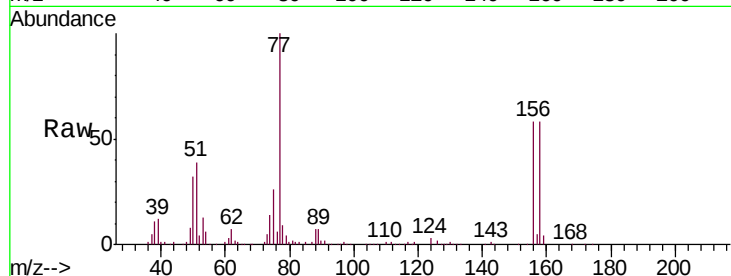
Tgt Ion:156 Resp: 42700

Ion Ratio Lower Upper

156 100

77 190.8 102.3 306.9

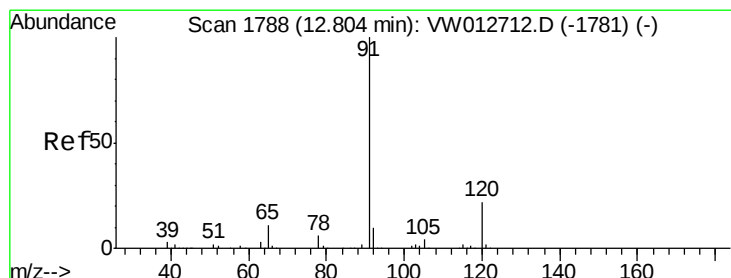
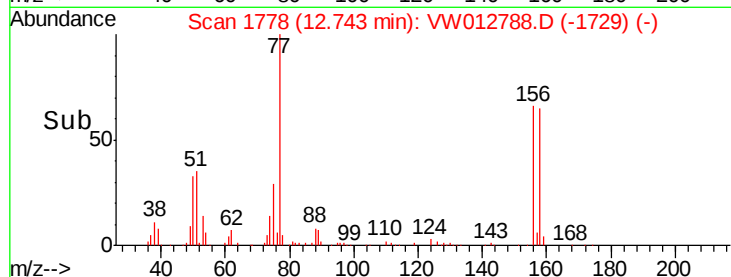
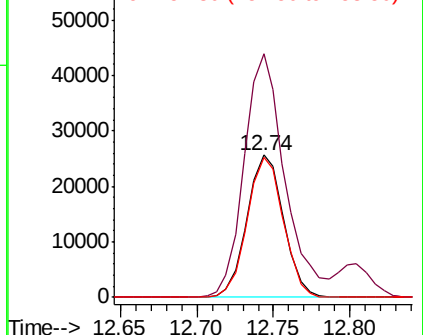
158 97.5 48.9 146.8



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VW

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 20.711 ug/l

RT: 12.80 min Scan# 1788

Delta R.T. 0.00 min

Lab File: VW012788.D

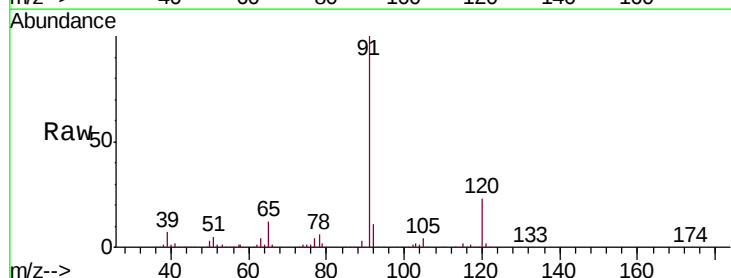
Acq: 08 Sep 2019 23:56

Tgt Ion: 91 Resp: 223295

Ion Ratio Lower Upper

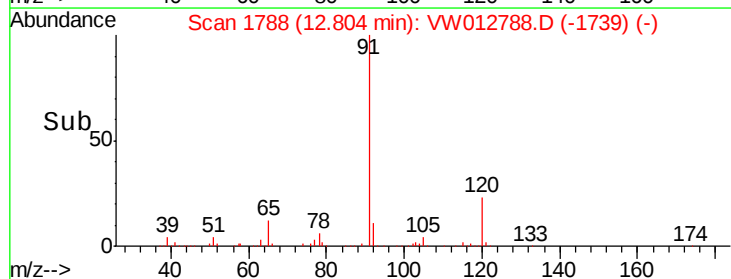
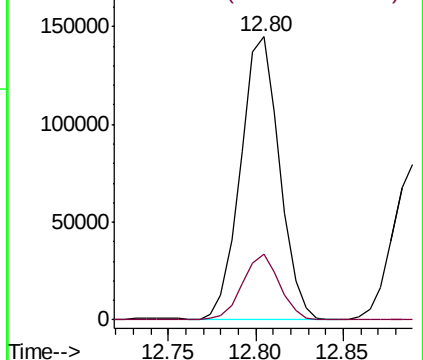
91 100

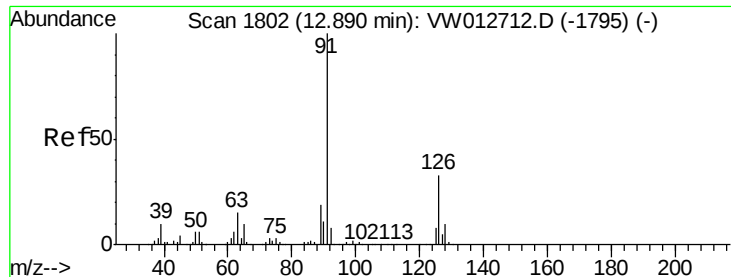
120 22.2 11.0 33.0



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 20.442 ug/l

RT: 12.89 min Scan# 1802

Delta R.T. 0.00 min

Lab File: VW012788.D

Acq: 08 Sep 2019 23:56

Instrument :

MSVOA_W

ClientSampleId :

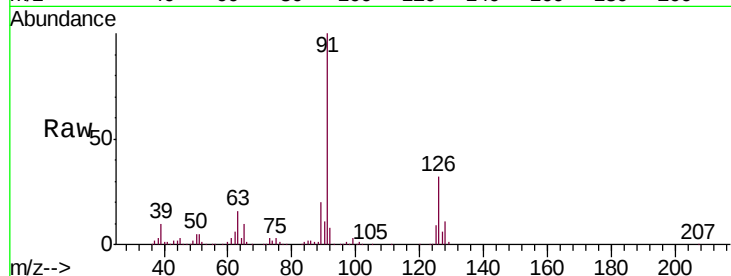
VW0908SBS02

Tgt Ion: 91 Resp: 126527

Ion Ratio Lower Upper

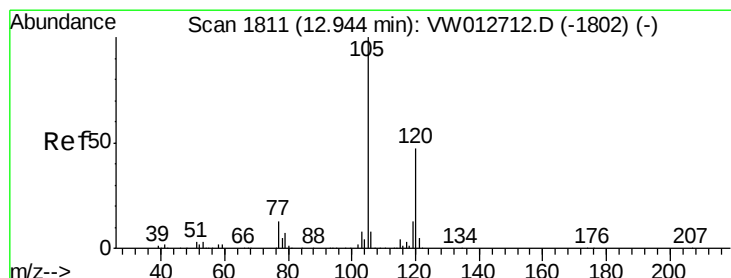
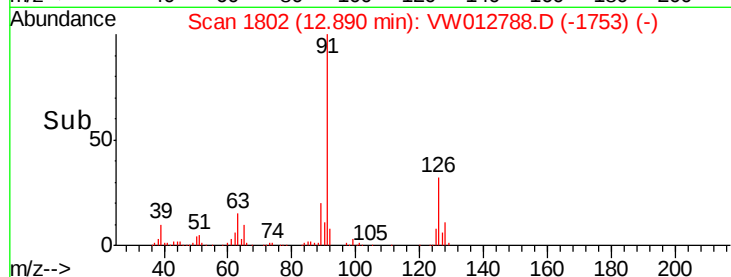
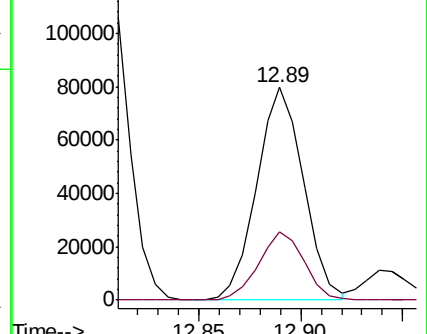
91 100

126 31.7 16.1 48.3



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 125.90 (125.60 to 126.60): V



#80

1,3,5-Trimethylbenzene

Concen: 20.602 ug/l

RT: 12.94 min Scan# 1810

Delta R.T. -0.01 min

Lab File: VW012788.D

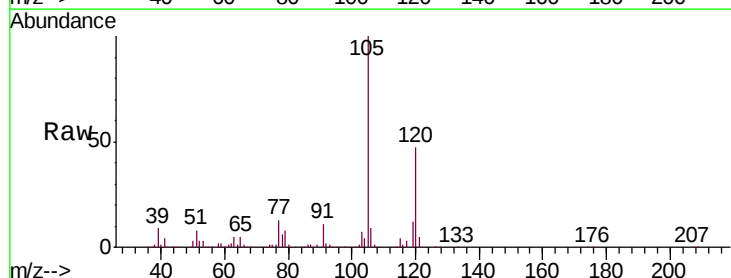
Acq: 08 Sep 2019 23:56

Tgt Ion: 105 Resp: 156500

Ion Ratio Lower Upper

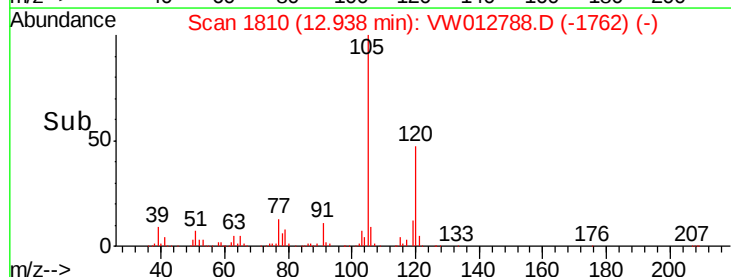
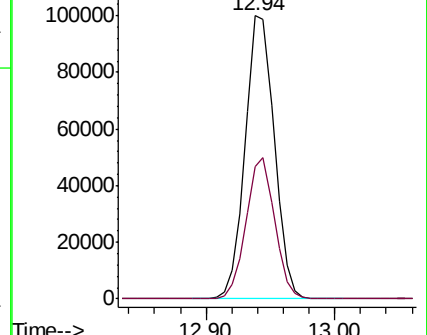
105 100

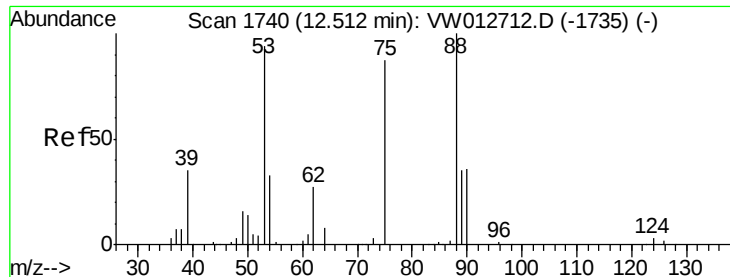
120 48.8 23.9 71.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#81

trans-1,4-Dichloro-2-butene

Concen: 16.776 ug/l

RT: 12.51 min Scan# 1740

Delta R.T. 0.00 min

Lab File: VW012788.D

Acq: 08 Sep 2019 23:56

Instrument :

MSVOA_W

ClientSampleId :

VW0908SBS02

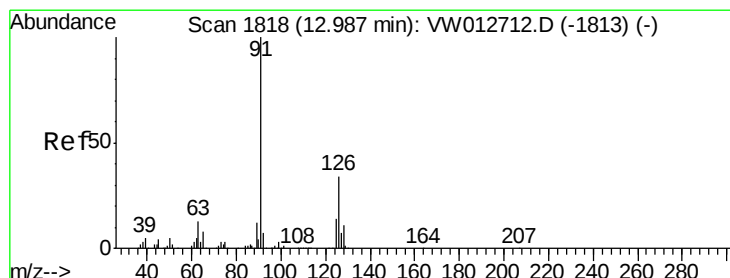
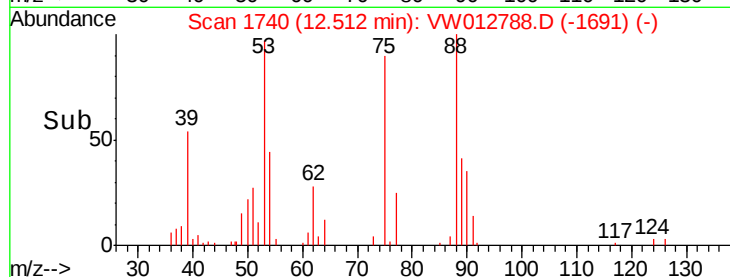
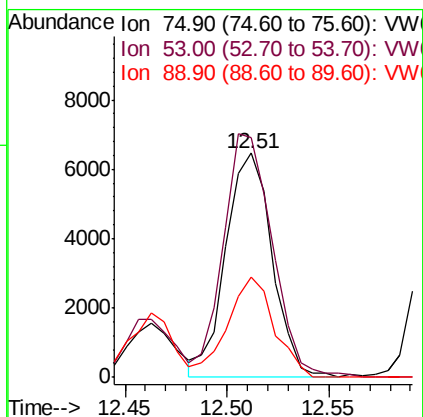
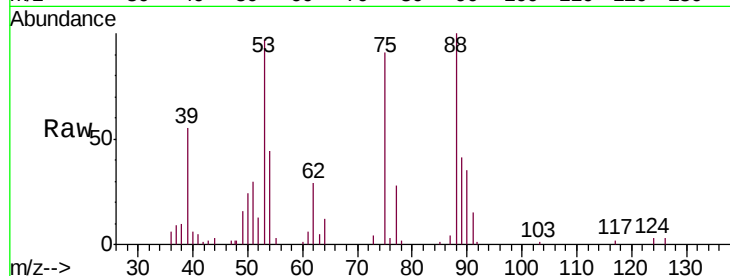
Tgt Ion: 75 Resp: 10194

Ion Ratio Lower Upper

75 100

53 114.9 87.6 131.4

89 45.2 35.5 53.3



#82

4-Chlorotoluene

Concen: 20.282 ug/l

RT: 12.99 min Scan# 1818

Delta R.T. 0.00 min

Lab File: VW012788.D

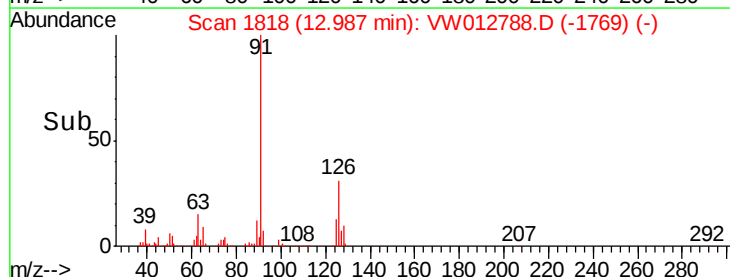
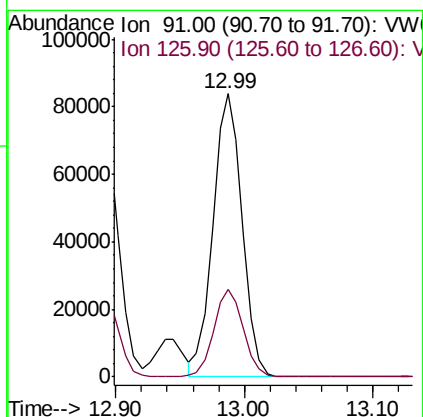
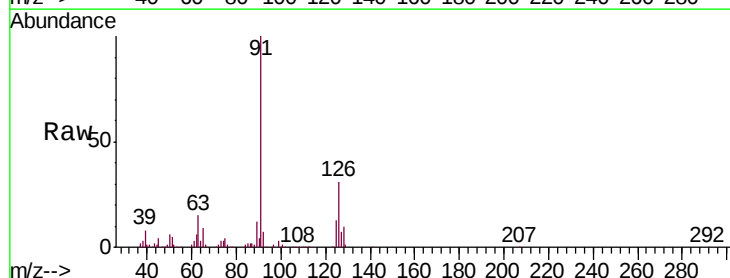
Acq: 08 Sep 2019 23:56

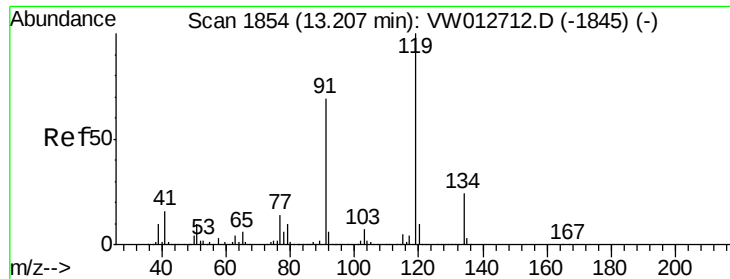
Tgt Ion: 91 Resp: 132788

Ion Ratio Lower Upper

91 100

126 31.4 15.9 47.6

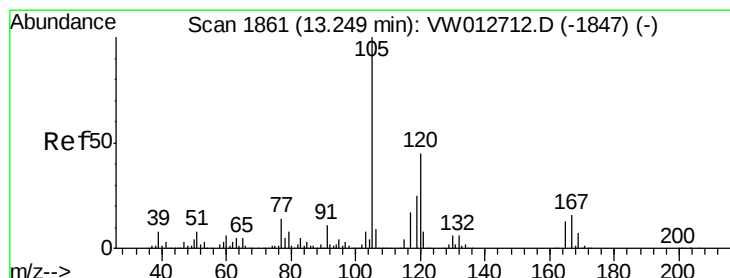
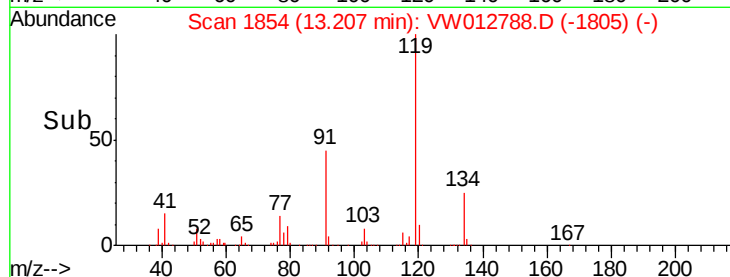
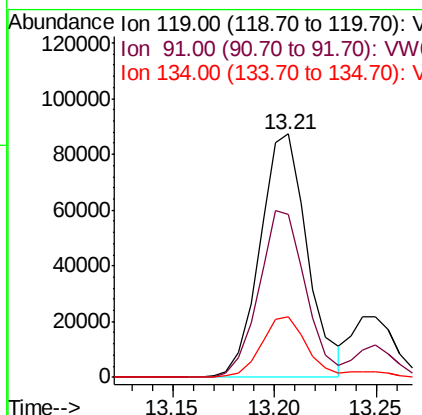
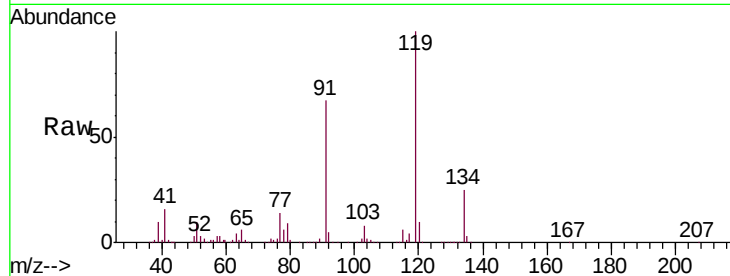




#83
 tert-Butylbenzene
 Concen: 21.045 ug/l
 RT: 13.21 min Scan# 1854
 Delta R.T. 0.00 min
 Lab File: VW012788.D
 Acq: 08 Sep 2019 23:56

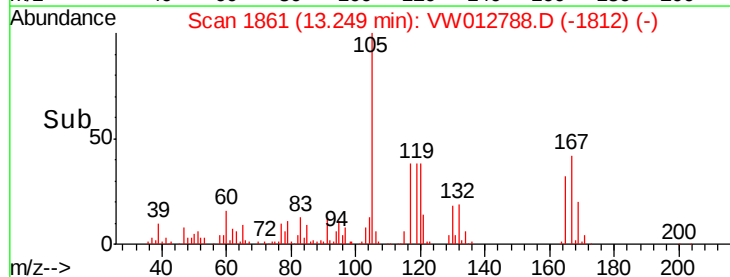
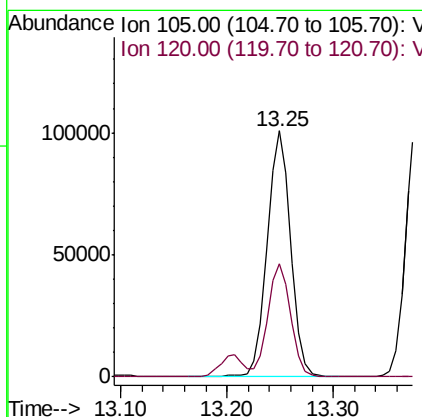
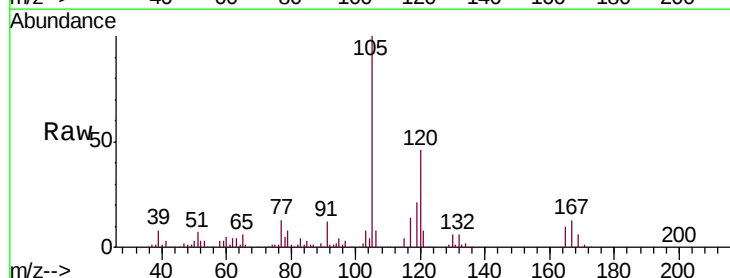
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0908SBS02

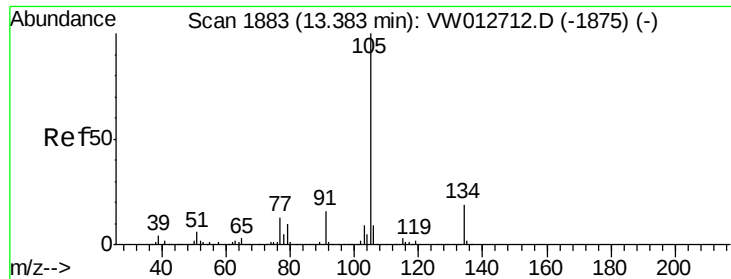
Tgt Ion:119 Resp: 141353
 Ion Ratio Lower Upper
 119 100
 91 67.5 34.2 102.5
 134 24.5 12.3 36.9



#84
 1,2,4-Trimethylbenzene
 Concen: 20.360 ug/l
 RT: 13.25 min Scan# 1861
 Delta R.T. 0.00 min
 Lab File: VW012788.D
 Acq: 08 Sep 2019 23:56

Tgt Ion:105 Resp: 155836
 Ion Ratio Lower Upper
 105 100
 120 44.8 22.1 66.3





#85

sec-Butylbenzene

Concen: 20.771 ug/l

RT: 13.38 min Scan# 1883

Delta R.T. 0.00 min

Lab File: VW012788.D

Acq: 08 Sep 2019 23:56

Instrument :

MSVOA_W

ClientSampled :

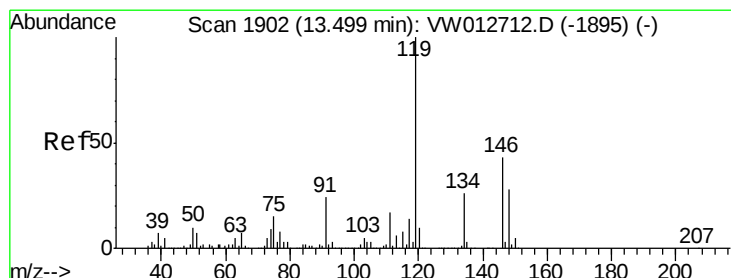
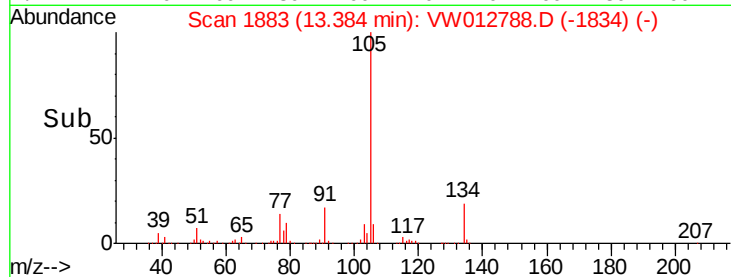
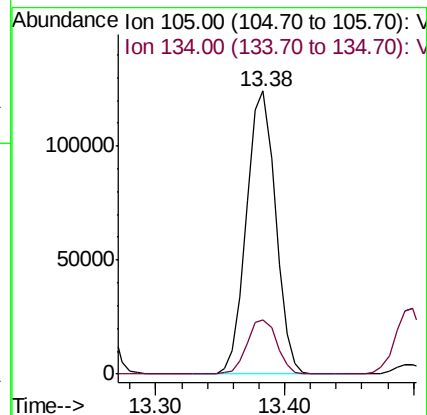
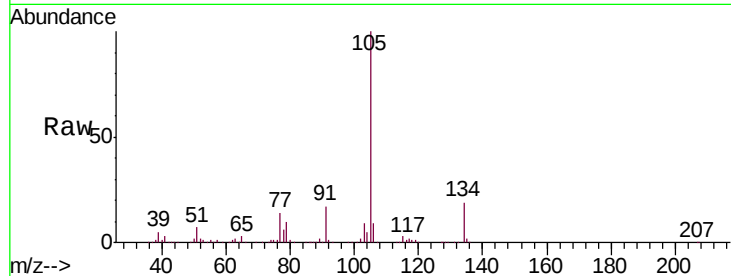
VW0908SBS02

Tgt Ion:105 Resp: 193589

Ion Ratio Lower Upper

105 100

134 19.8 9.8 29.3



#86

p-Isopropyltoluene

Concen: 20.376 ug/l

RT: 13.49 min Scan# 1901

Delta R.T. -0.01 min

Lab File: VW012788.D

Acq: 08 Sep 2019 23:56

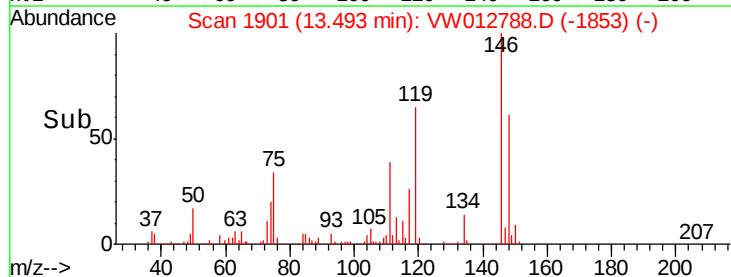
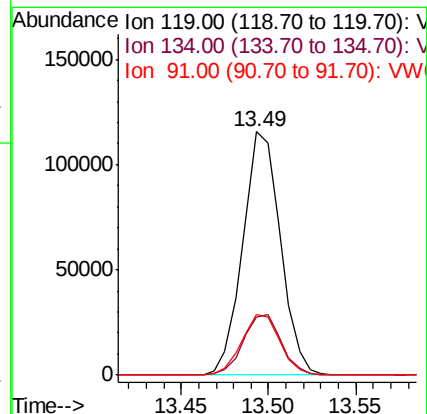
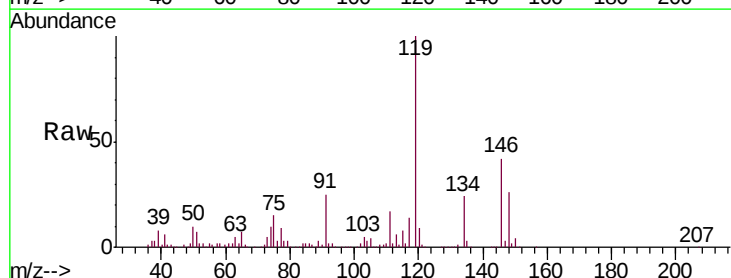
Tgt Ion:119 Resp: 173466

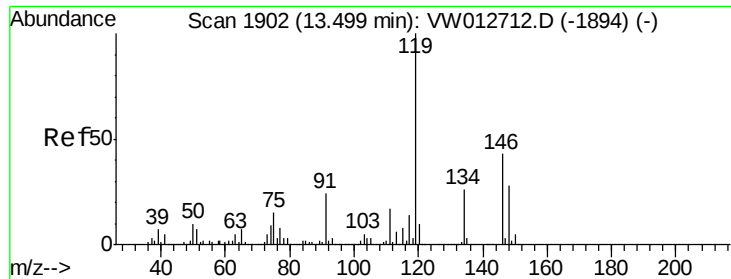
Ion Ratio Lower Upper

119 100

134 25.1 12.7 38.1

91 25.3 12.2 36.6





#87

1,3-Dichlorobenzene

Concen: 20.253 ug/l

RT: 13.49 min Scan# 1901

Delta R.T. -0.01 min

Lab File: VW012788.D

Acq: 08 Sep 2019 23:56

Instrument :

MSVOA_W

ClientSampleId :

VW0908SBS02

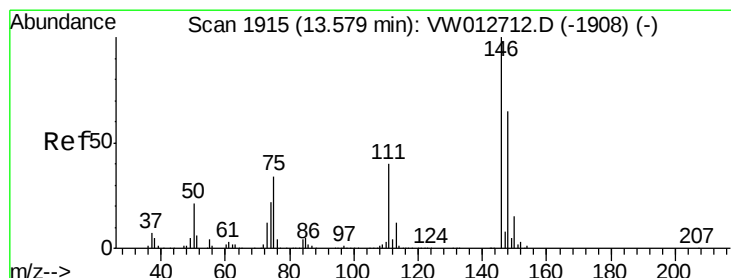
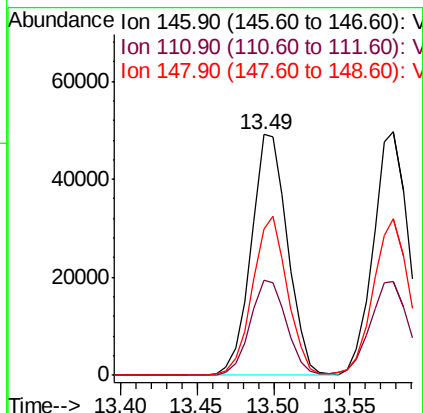
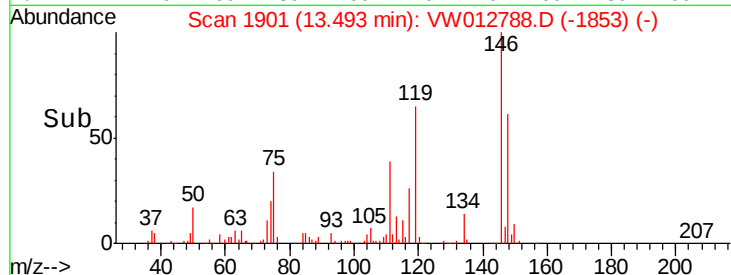
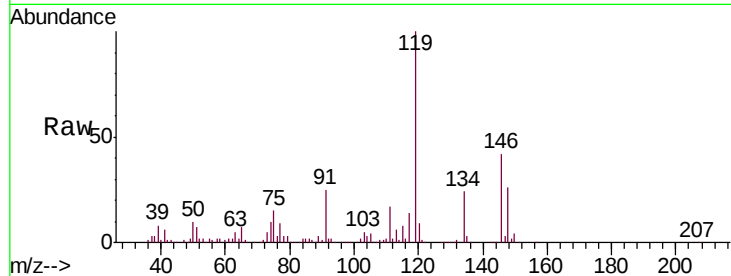
Tgt Ion:146 Resp: 81304

Ion Ratio Lower Upper

146 100

111 39.6 20.4 61.2

148 63.3 31.8 95.4



#88

1,4-Dichlorobenzene

Concen: 19.953 ug/l

RT: 13.58 min Scan# 1915

Delta R.T. 0.00 min

Lab File: VW012788.D

Acq: 08 Sep 2019 23:56

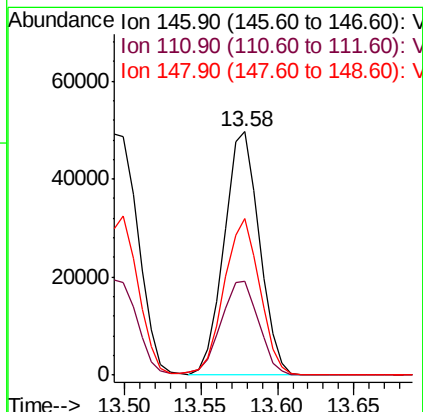
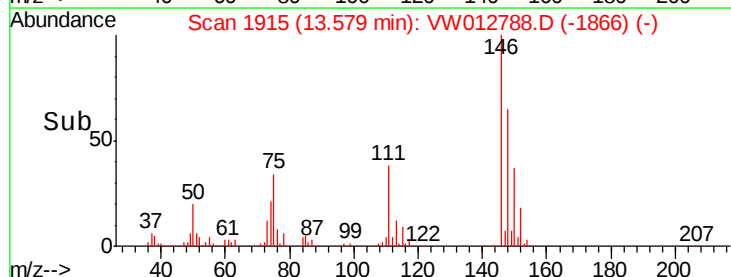
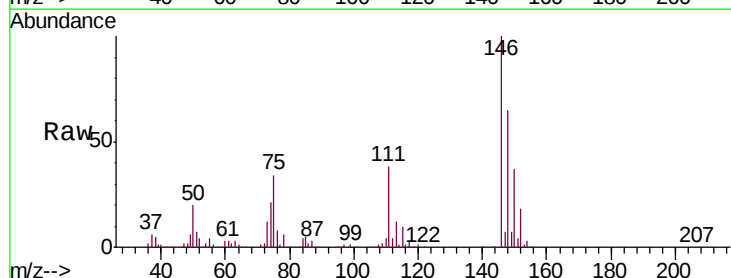
Tgt Ion:146 Resp: 79702

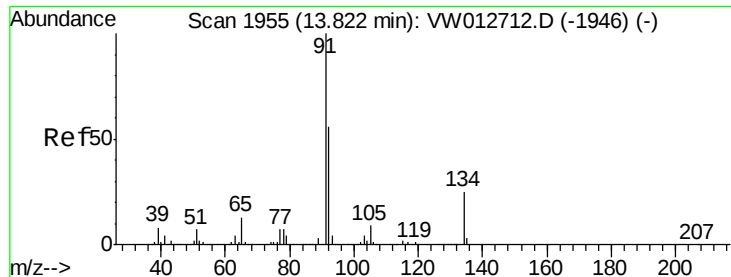
Ion Ratio Lower Upper

146 100

111 41.4 20.0 60.0

148 65.1 32.2 96.6





#89

n-Butylbenzene

Concen: 19.591 ug/l

RT: 13.82 min Scan# 1955

Delta R.T. 0.00 min

Lab File: VW012788.D

Acq: 08 Sep 2019 23:56

Instrument :

MSVOA_W

ClientSampleId :

VW0908SBS02

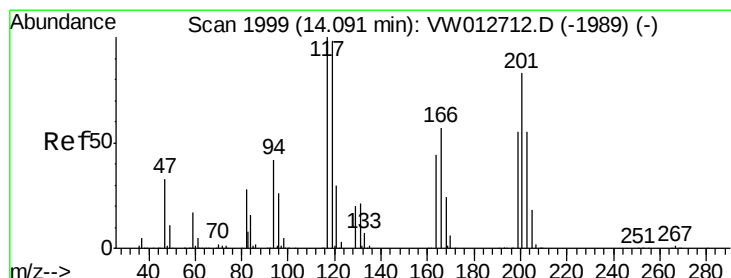
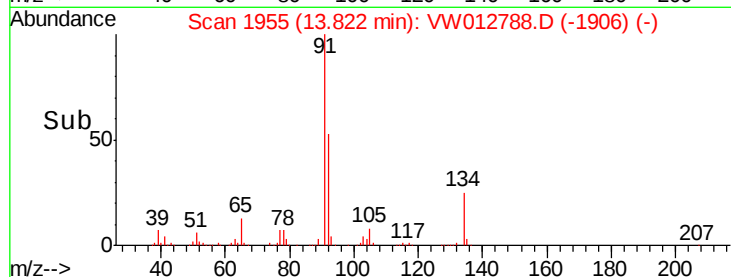
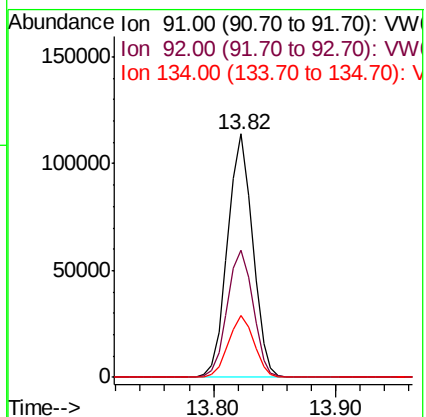
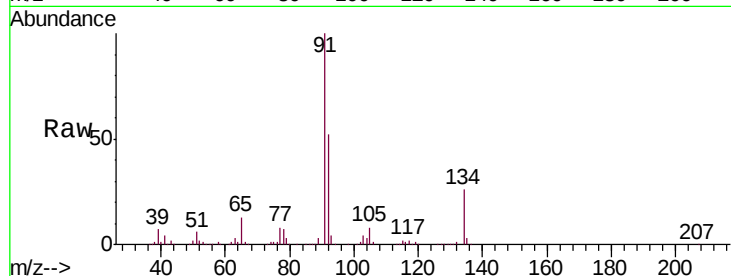
Tgt Ion: 91 Resp: 161916

Ion Ratio Lower Upper

91 100

92 53.8 27.2 81.5

134 26.1 12.7 38.1



#90

Hexachloroethane

Concen: 20.480 ug/l

RT: 14.09 min Scan# 1999

Delta R.T. 0.00 min

Lab File: VW012788.D

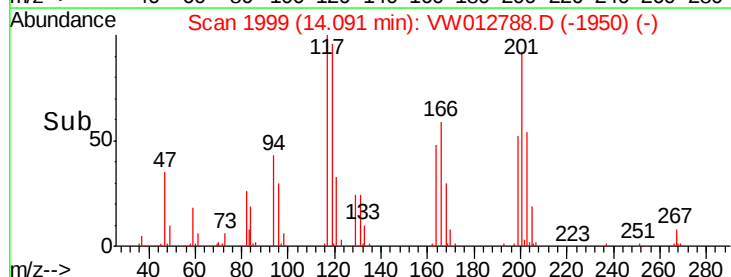
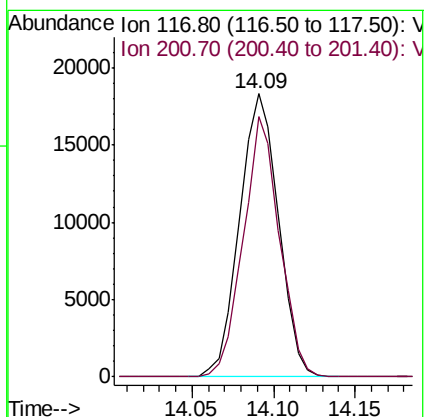
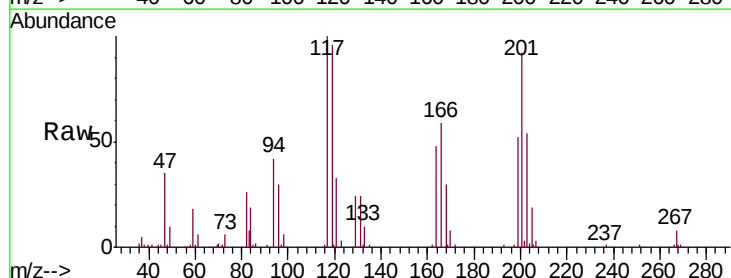
Acq: 08 Sep 2019 23:56

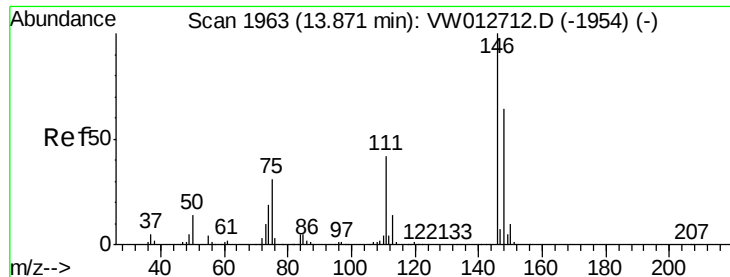
Tgt Ion: 117 Resp: 30437

Ion Ratio Lower Upper

117 100

201 85.7 42.8 128.4





#91

1,2-Dichlorobenzene

Concen: 20.213 ug/l

RT: 13.87 min Scan# 1962

Delta R.T. -0.01 min

Lab File: VW012788.D

Acq: 08 Sep 2019 23:56

Instrument :

MSVOA_W

ClientSampleId :

VW0908SBS02

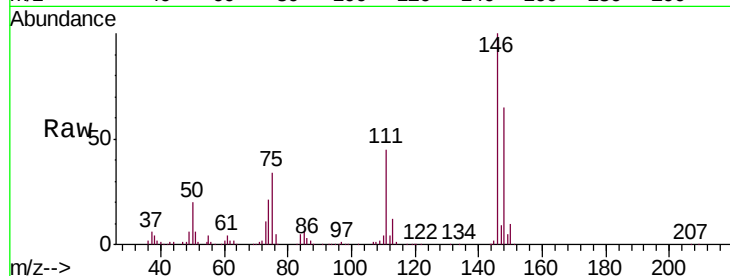
Tgt Ion:146 Resp: 73035

Ion Ratio Lower Upper

146 100

111 42.1 21.3 63.9

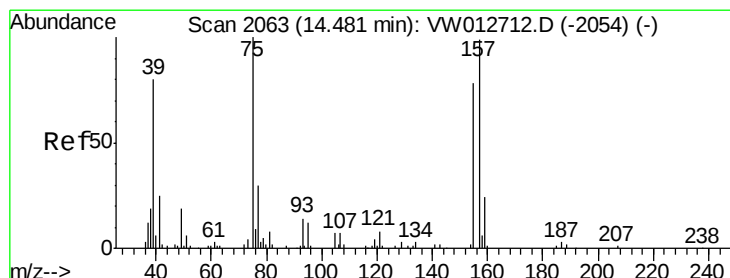
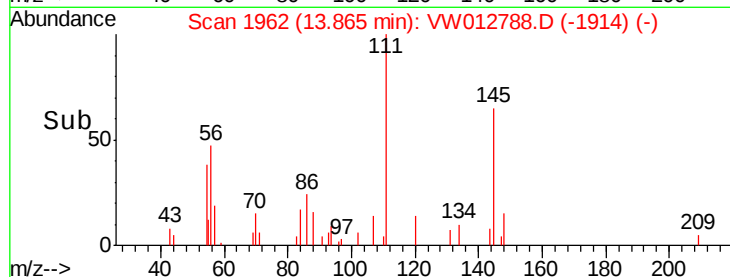
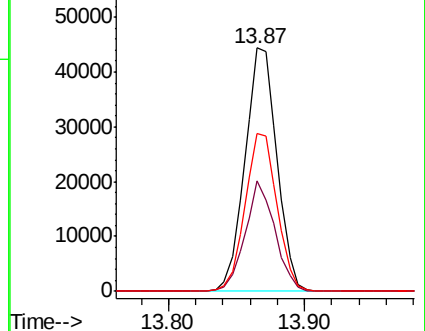
148 64.8 32.1 96.5



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: 17.307 ug/l

RT: 14.49 min Scan# 2064

Delta R.T. 0.01 min

Lab File: VW012788.D

Acq: 08 Sep 2019 23:56

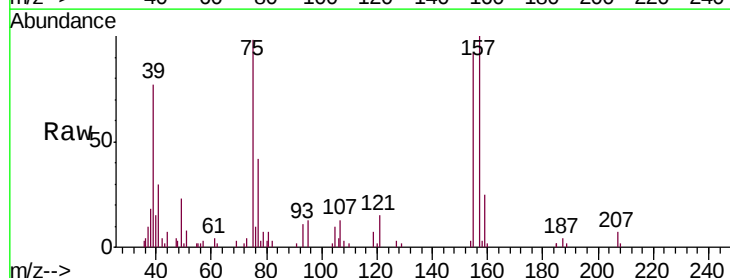
Tgt Ion: 75 Resp: 5734

Ion Ratio Lower Upper

75 100

155 89.8 40.6 122.0

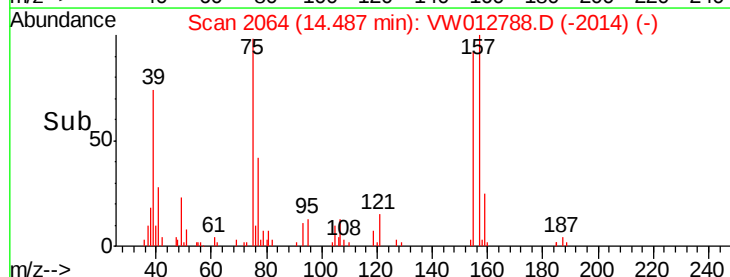
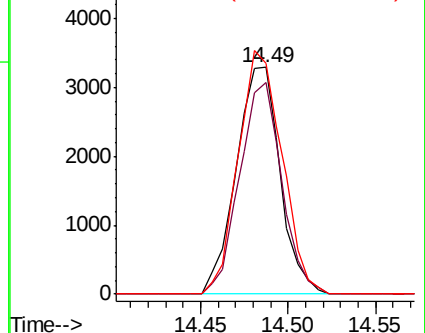
157 106.9 52.5 157.5

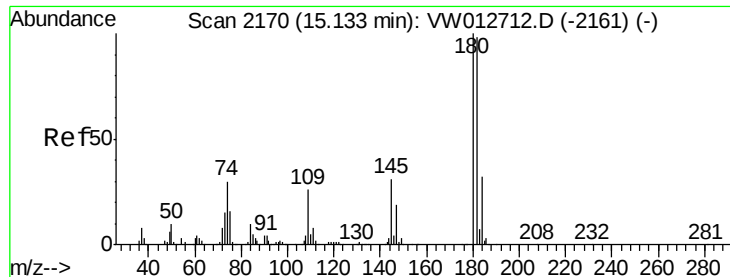


Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

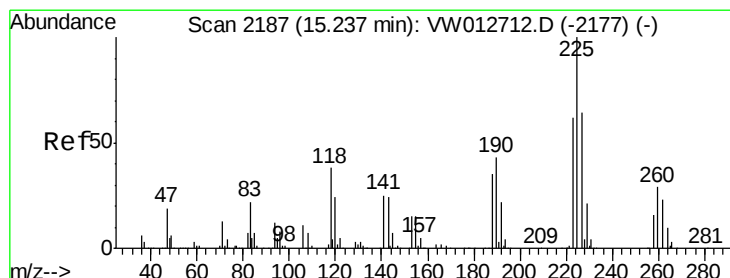
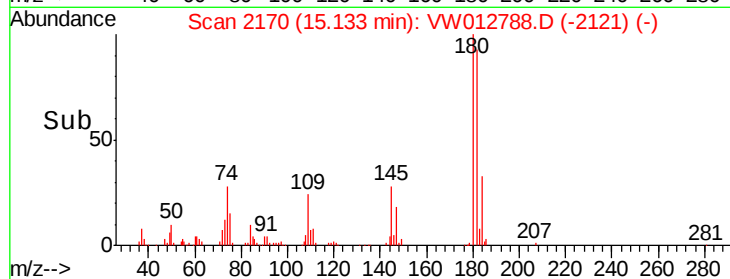
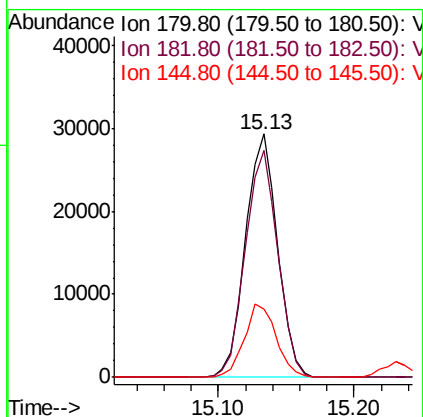
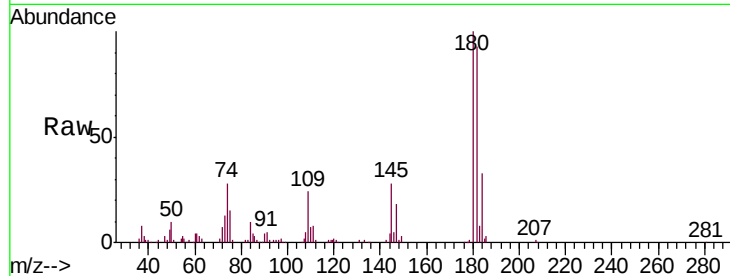




#93
 1,2,4-Trichlorobenzene
 Concen: 19.263 ug/l
 RT: 15.13 min Scan# 2170
 Delta R.T. 0.00 min
 Lab File: VW012788.D
 Acq: 08 Sep 2019 23:56

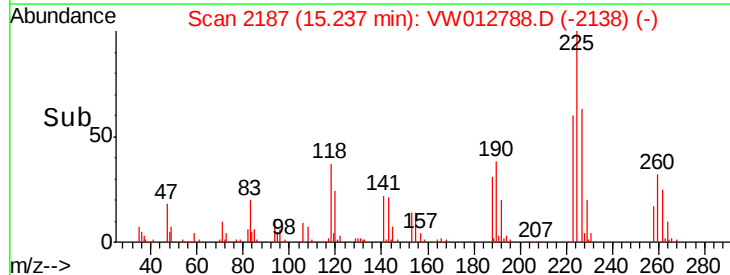
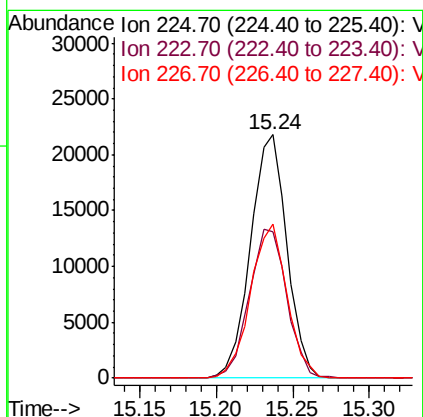
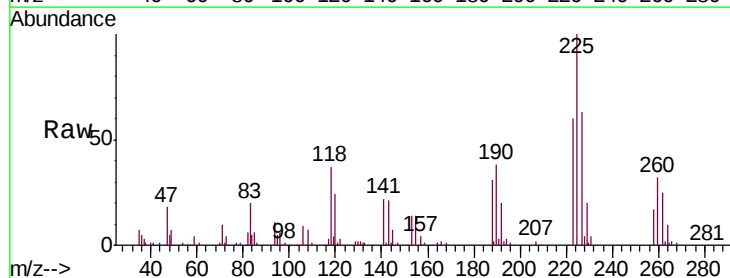
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0908SBS02

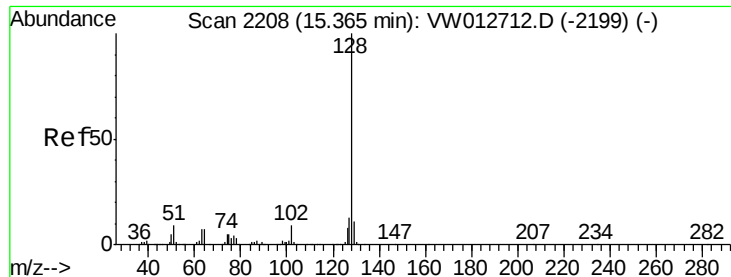
Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.5	48.7	146.1
145	29.9	15.0	45.1



#94
 Hexachlorobutadiene
 Concen: 20.652 ug/l
 RT: 15.24 min Scan# 2187
 Delta R.T. 0.00 min
 Lab File: VW012788.D
 Acq: 08 Sep 2019 23:56

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.3	31.1	93.3
227	63.6	31.4	94.2

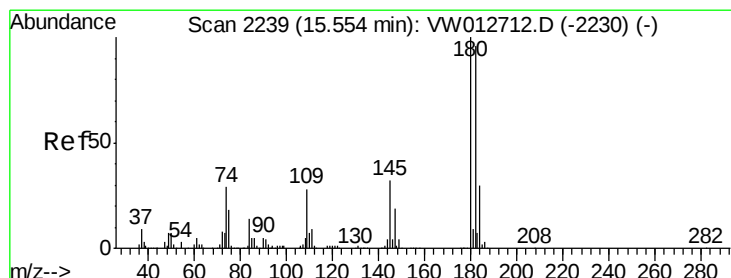
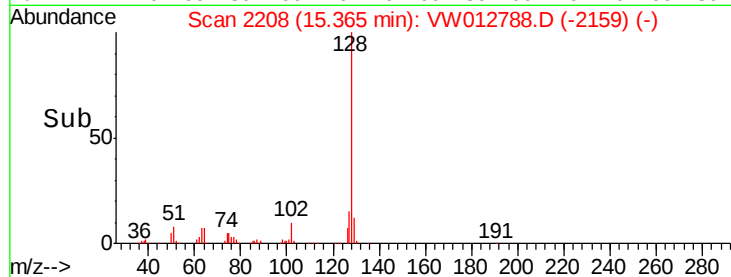
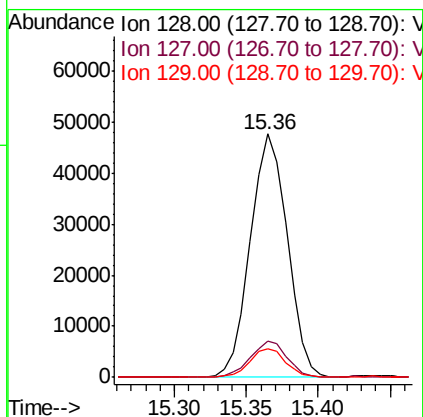
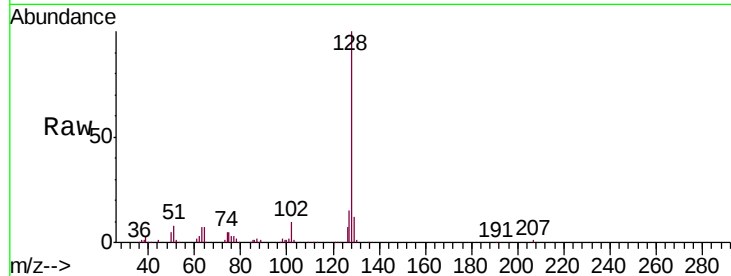




#95
Naphthalene
Concen: 19.063 ug/l
RT: 15.36 min Scan# 2208
Delta R.T. 0.00 min
Lab File: VW012788.D
Acq: 08 Sep 2019 23:56

Instrument :
MSVOA_W
ClientSampleId :
VW0908SBS02

Tgt Ion:128 Resp: 84630
Ion Ratio Lower Upper
128 100
127 14.7 10.7 16.1
129 11.4 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 19.535 ug/l
RT: 15.55 min Scan# 2239
Delta R.T. 0.00 min
Lab File: VW012788.D
Acq: 08 Sep 2019 23:56

Tgt Ion:180 Resp: 43378
Ion Ratio Lower Upper
180 100
182 97.9 47.8 143.3
145 31.3 15.4 46.2

