

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW090719\
 Data File : VW012758.D
 Acq On : 08 Sep 2019 09:41
 Operator : SY/VA
 Sample : VW0907SBSD02
 Misc : 5.00G/5ML/MSVOA_W/SOIL
 ALS Vial : 56 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0907SBSD02

Quant Time: Sep 09 04:07:45 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	230048	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	357065	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	271383	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	154270	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.30	65	125392	48.78	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.56%	
35) Dibromofluoromethane	7.88	113	92451	43.55	ug/l	0.00
Spiked Amount	50.000		Recovery	=	87.10%	
50) Toluene-d8	10.32	98	393946	47.37	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.74%	
62) 4-Bromofluorobenzene	12.62	95	122762	40.66	ug/l	0.00
Spiked Amount	50.000		Recovery	=	81.32%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.00	85	29938	24.005	ug/l	94
3) Chloromethane	2.21	50	31691	20.909	ug/l	94
4) Vinyl Chloride	2.35	62	40788	21.948	ug/l	100
5) Bromomethane	2.77	94	22607	22.402	ug/l	96
6) Chloroethane	2.90	64	22865	20.618	ug/l	96
7) Trichlorofluoromethane	3.24	101	29866	23.289	ug/l	95
8) Diethyl Ether	3.68	74	22699	21.060	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	4.06	101	44913	22.317	ug/l	98
10) Methyl Iodide	4.26	142	54733	21.604	ug/l	99
11) Tert butyl alcohol	5.21	59	15409	78.352	ug/l #	84
12) 1,1-Dichloroethene	4.03	96	41341	21.761	ug/l	96
13) Acrolein	3.89	56	18677	89.494	ug/l	98
14) Allyl chloride	4.66	41	79116	20.131	ug/l	96
15) Acrylonitrile	5.37	53	57504	91.343	ug/l	99
16) Acetone	4.13	43	60750	86.694	ug/l	97
17) Carbon Disulfide	4.37	76	84623	20.985	ug/l	99
18) Methyl Acetate	4.67	43	30692	18.668	ug/l	96
19) Methyl tert-butyl Ether	5.42	73	74181	19.689	ug/l	93
20) Methylene Chloride	4.90	84	43716	19.941	ug/l	93
21) trans-1,2-Dichloroethene	5.42	96	41979	21.656	ug/l	93
22) Diisopropyl ether	6.31	45	166084	21.308	ug/l	95
23) Vinyl Acetate	6.25	43	495705	100.350	ug/l	98
24) 1,1-Dichloroethane	6.21	63	89998	21.444	ug/l	99
25) 2-Butanone	7.16	43	83921	94.614	ug/l	97
26) 2,2-Dichloropropane	7.16	77	55328	20.873	ug/l	98
27) cis-1,2-Dichloroethene	7.16	96	47997	21.354	ug/l	99
28) Bromochloromethane	7.51	49	36919	19.158	ug/l	99
29) Tetrahydrofuran	7.53	42	51659	91.290	ug/l	99
30) Chloroform	7.67	83	88040	21.167	ug/l	99
31) Cyclohexane	7.95	56	77694	20.563	ug/l #	94
32) 1,1,1-Trichloroethane	7.87	97	72256	21.431	ug/l	99
36) 1,1-Dichloropropene	8.08	75	67502	21.276	ug/l	99
37) Ethyl Acetate	7.25	43	37765	18.673	ug/l	99
38) Carbon Tetrachloride	8.07	117	64559	20.643	ug/l	98

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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.33	83	75332	21.141	ug/l	97
40) Benzene	8.32	78	180796	20.539	ug/l	98
41) Methacrylonitrile	7.48	41	21351	18.177	ug/l #	94
42) 1,2-Dichloroethane	8.40	62	64044	20.673	ug/l	100
43) Isopropyl Acetate	8.42	43	69855	18.231	ug/l	96
44) Trichloroethene	9.09	130	47570	20.965	ug/l	95
45) 1,2-Dichloropropane	9.37	63	49690	20.353	ug/l	94
46) Dibromomethane	9.46	93	23049	19.937	ug/l	99
47) Bromodichloromethane	9.64	83	62493	19.648	ug/l	99
48) Methyl methacrylate	9.43	41	32562	17.783	ug/l	97
49) 1,4-Dioxane	9.48	88	7442	325.887	ug/l #	70
51) 4-Methyl-2-Pentanone	10.21	43	185116	92.071	ug/l	100
52) Toluene	10.38	92	116818	21.263	ug/l	98
53) t-1,3-Dichloropropene	10.60	75	64267	19.650	ug/l	99
54) cis-1,3-Dichloropropene	10.07	75	74841	20.172	ug/l	96
55) 1,1,2-Trichloroethane	10.79	97	34523	19.946	ug/l	98
56) Ethyl methacrylate	10.65	69	48874	19.291	ug/l	97
57) 1,3-Dichloropropane	10.93	76	63050	19.691	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.92	63	129704	96.433	ug/l	100
59) 2-Hexanone	10.97	43	120099	81.761	ug/l	99
60) Dibromochloromethane	11.13	129	39349	19.331	ug/l	99
61) 1,2-Dibromoethane	11.23	107	30456	19.193	ug/l	100
64) Tetrachloroethene	10.86	164	40720	24.728	ug/l	95
65) Chlorobenzene	11.66	112	104632	20.399	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.73	131	41459	21.705	ug/l	99
67) Ethyl Benzene	11.73	91	210390	21.862	ug/l	98
68) m/p-Xylenes	11.84	106	161012	46.352	ug/l	98
69) o-Xylene	12.16	106	76008	23.193	ug/l	98
70) Styrene	12.18	104	133429	23.041	ug/l	98
71) Bromoform	12.35	173	23314	21.968	ug/l #	98
73) Isopropylbenzene	12.46	105	225121	20.346	ug/l	98
74) N-amyl acetate	12.27	43	65483	18.645	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.71	83	39892	17.952	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	55182	34.981	ug/l #	100
77) Bromobenzene	12.74	156	49340	19.682	ug/l	97
78) n-propylbenzene	12.80	91	272246	20.573	ug/l	100
79) 2-Chlorotoluene	12.89	91	140285	18.466	ug/l	100
80) 1,3,5-Trimethylbenzene	12.94	105	186980	20.055	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.51	75	12569	16.852	ug/l	94
82) 4-Chlorotoluene	12.99	91	160624	19.989	ug/l	100
83) tert-Butylbenzene	13.21	119	160757	19.500	ug/l	98
84) 1,2,4-Trimethylbenzene	13.25	105	186637	19.866	ug/l	99
85) sec-Butylbenzene	13.38	105	230617	20.159	ug/l	98
86) p-Isopropyltoluene	13.50	119	214611	20.539	ug/l	100
87) 1,3-Dichlorobenzene	13.50	146	102392	20.781	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	98644	20.119	ug/l	100
89) n-Butylbenzene	13.82	91	197565	19.475	ug/l	100
90) Hexachloroethane	14.09	117	35912	19.687	ug/l	99
91) 1,2-Dichlorobenzene	13.87	146	88105	19.867	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.48	75	7438	18.291	ug/l	88

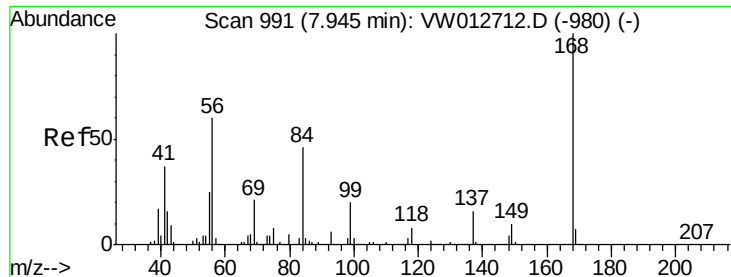
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_W\DATA\VW090719\
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Quant Title : SW846 8260
QLast Update : Sun Sep 08 05:04:40 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.13	180	58939	19.089	ug/l	99
94) Hexachlorobutadiene	15.24	225	42566	19.917	ug/l	99
95) Naphthalene	15.36	128	103443	19.002	ug/l	99
96) 1,2,3-Trichlorobenzene	15.55	180	51633	18.945	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.00 min

Lab File: VW012758.D

Acq: 08 Sep 2019 09:41

Instrument :

MSVOA_W

ClientSampleId :

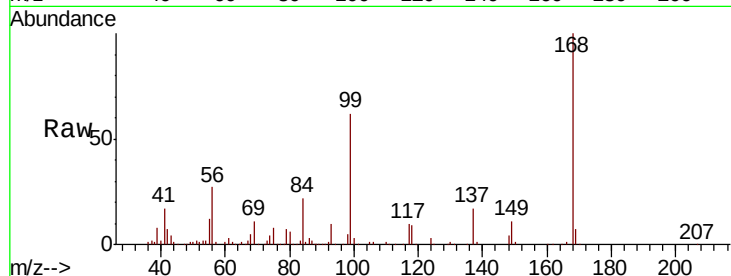
VW0907SBSD02

Tgt Ion:168 Resp: 230048

Ion Ratio Lower Upper

168 100

99 61.8 47.8 71.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

120000

100000

80000

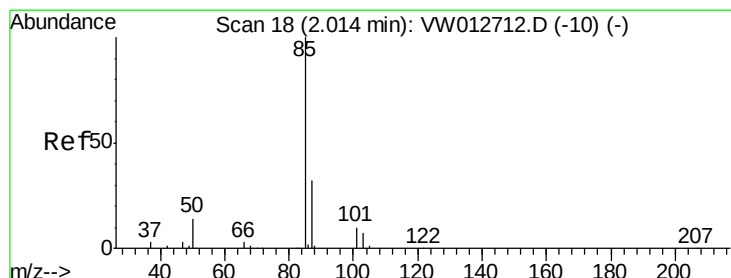
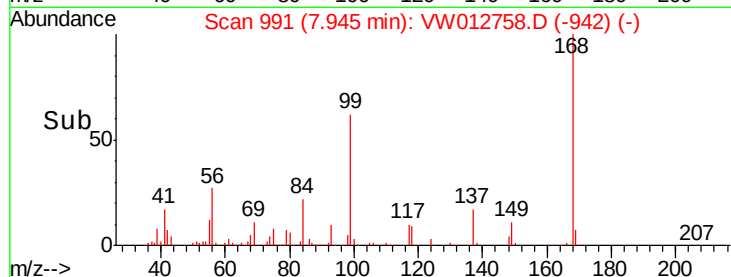
60000

40000

20000

0

Time--> 7.80 7.90 8.00 8.10



#2

Dichlorodifluoromethane

Concen: 24.005 ug/l

RT: 2.00 min Scan# 16

Delta R.T. -0.01 min

Lab File: VW012758.D

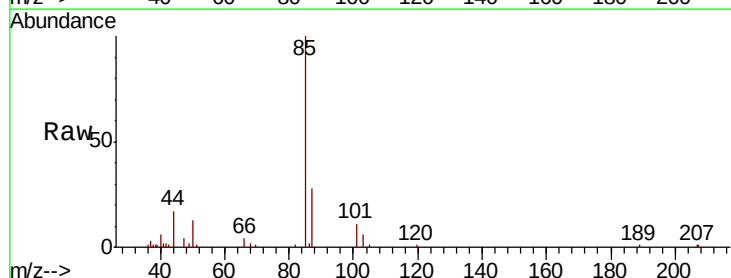
Acq: 08 Sep 2019 09:41

Tgt Ion: 85 Resp: 29938

Ion Ratio Lower Upper

85 100

87 28.1 15.8 47.4



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW

2.00

10000

8000

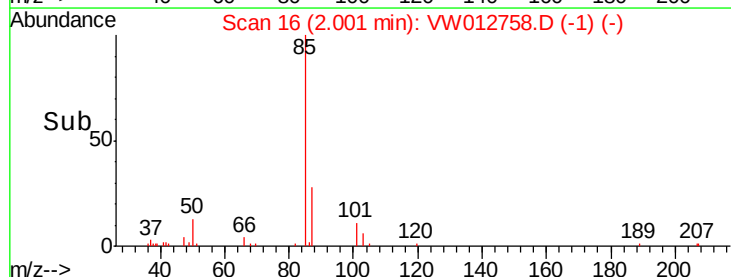
6000

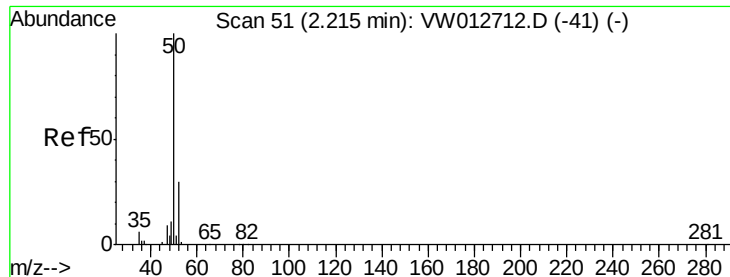
4000

2000

0

Time--> 1.90 2.00 2.10





#3

Chloromethane

Concen: 20.909 ug/l

RT: 2.21 min Scan# 50

Delta R.T. -0.01 min

Lab File: VW012758.D

Acq: 08 Sep 2019 09:41

Instrument :

MSVOA_W

ClientSampleId :

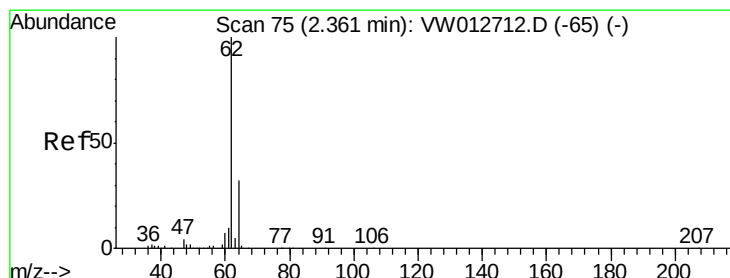
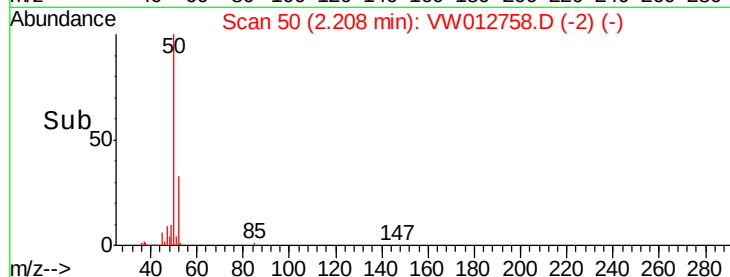
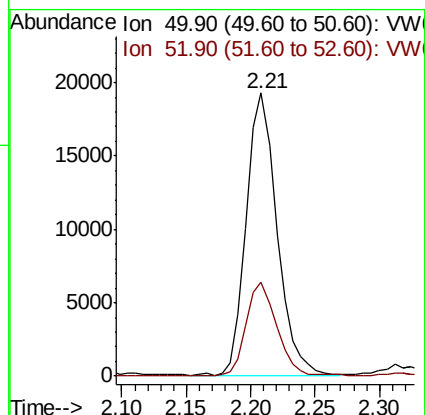
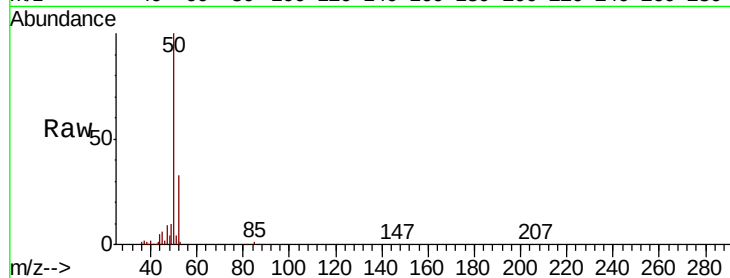
VW0907SBSD02

Tgt Ion: 50 Resp: 31691

Ion Ratio Lower Upper

50 100

52 33.2 24.2 36.2



#4

Vinyl Chloride

Concen: 21.948 ug/l

RT: 2.35 min Scan# 74

Delta R.T. -0.01 min

Lab File: VW012758.D

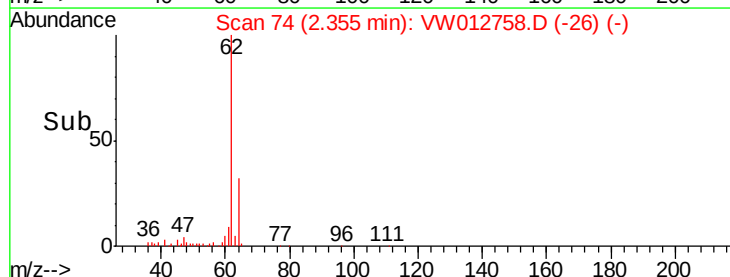
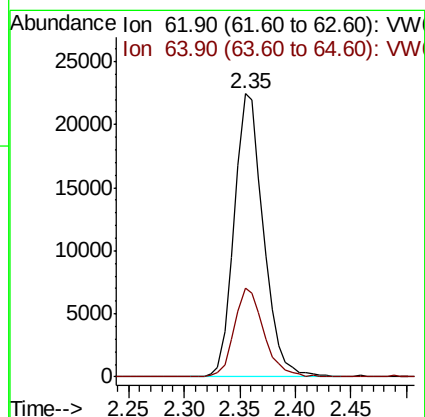
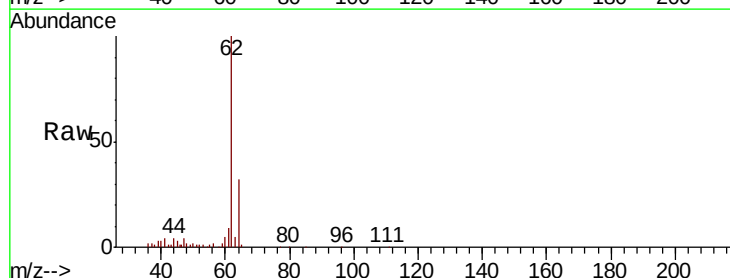
Acq: 08 Sep 2019 09:41

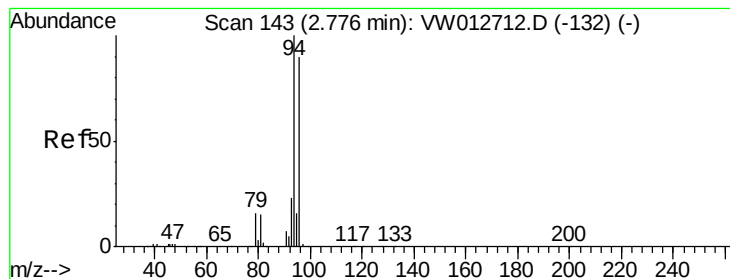
Tgt Ion: 62 Resp: 40788

Ion Ratio Lower Upper

62 100

64 31.6 25.3 37.9





#5

Bromomethane

Concen: 22.402 ug/l

RT: 2.77 min Scan# 142

Delta R.T. -0.01 min

Lab File: VW012758.D

Acq: 08 Sep 2019 09:41

Instrument :

MSVOA_W

ClientSampleId :

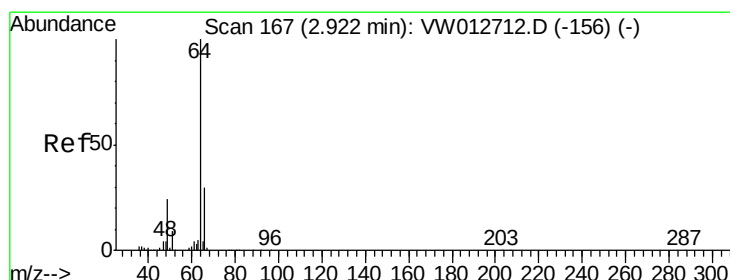
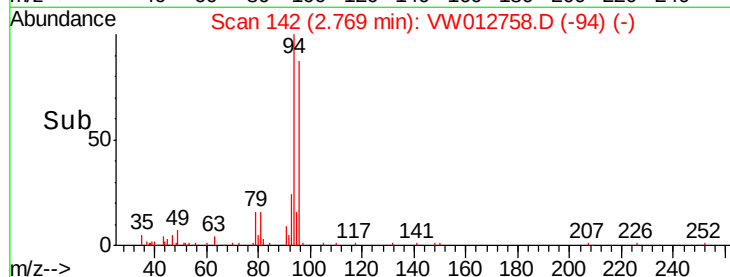
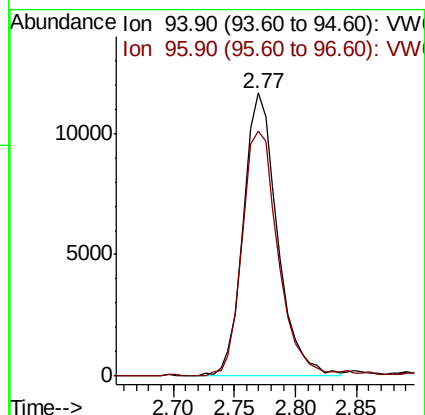
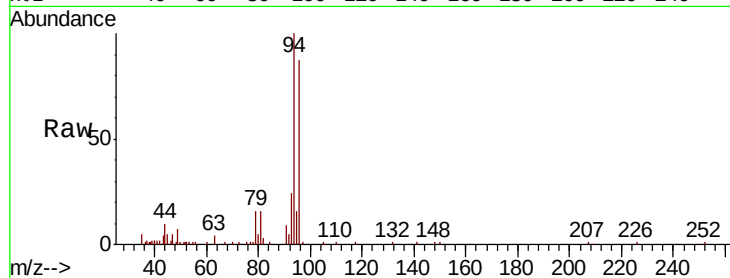
VW0907SBSD02

Tgt Ion: 94 Resp: 22607

Ion Ratio Lower Upper

94 100

96 86.7 72.1 108.1



#6

Chloroethane

Concen: 20.618 ug/l

RT: 2.90 min Scan# 163

Delta R.T. -0.02 min

Lab File: VW012758.D

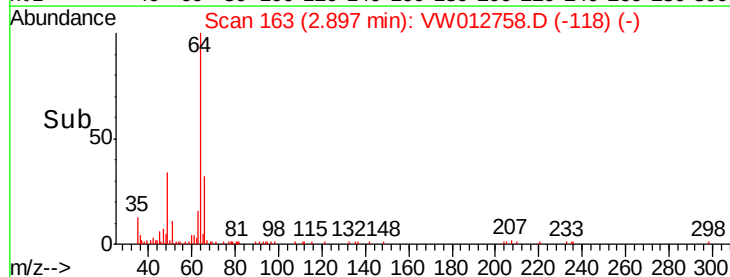
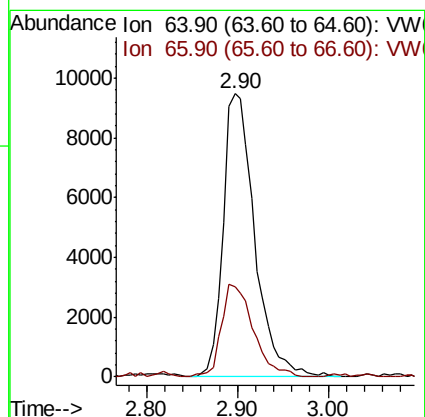
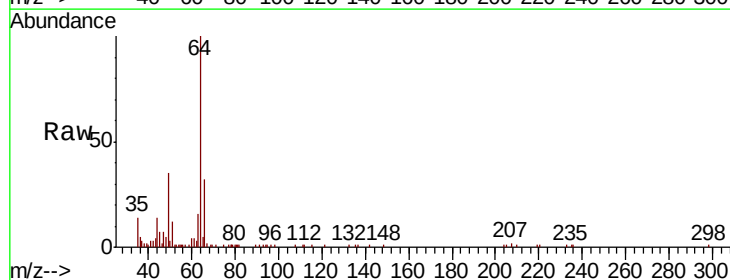
Acq: 08 Sep 2019 09:41

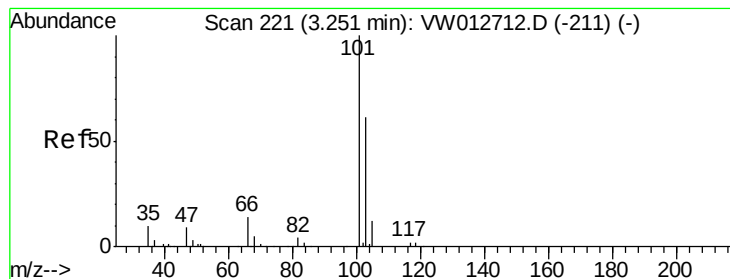
Tgt Ion: 64 Resp: 22865

Ion Ratio Lower Upper

64 100

66 32.0 23.8 35.6



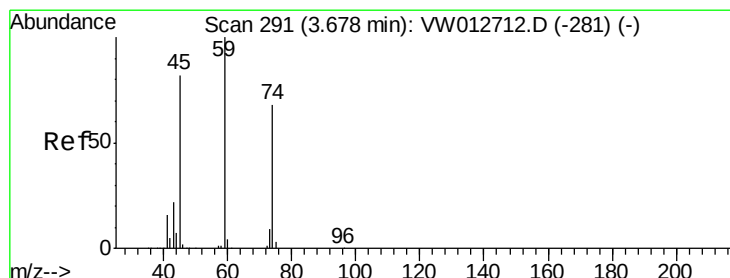
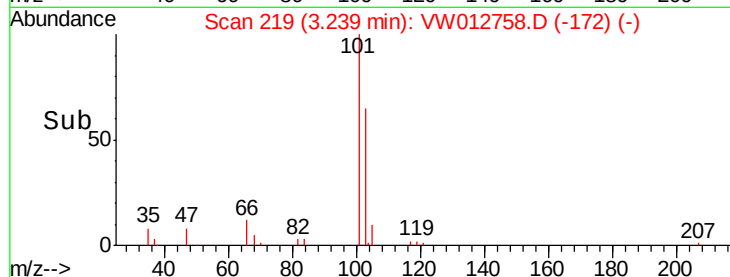
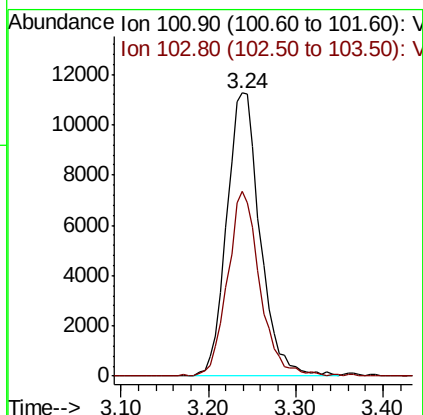
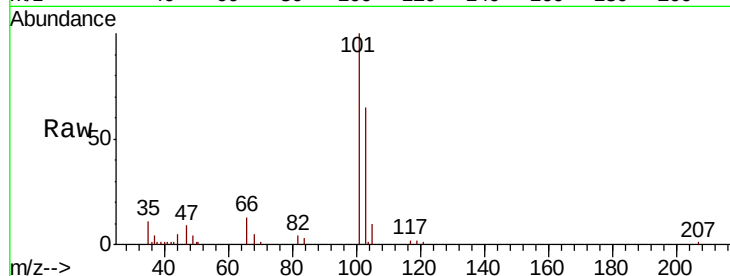


#7

Trichlorofluoromethane
 Concen: 23.289 ug/l
 RT: 3.24 min Scan# 219
 Delta R.T. -0.01 min
 Lab File: VW012758.D
 Acq: 08 Sep 2019 09:41

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0907SBSD02

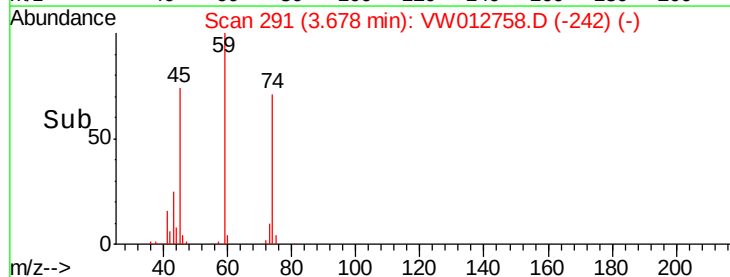
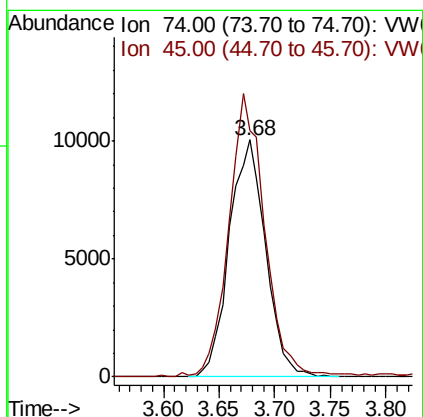
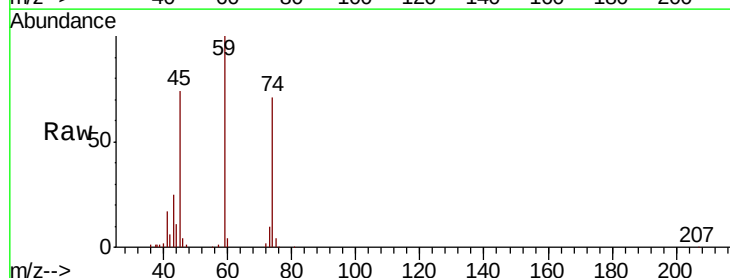
Tgt Ion: 101 Resp: 29866
 Ion Ratio Lower Upper
 101 100
 103 65.4 49.0 73.4

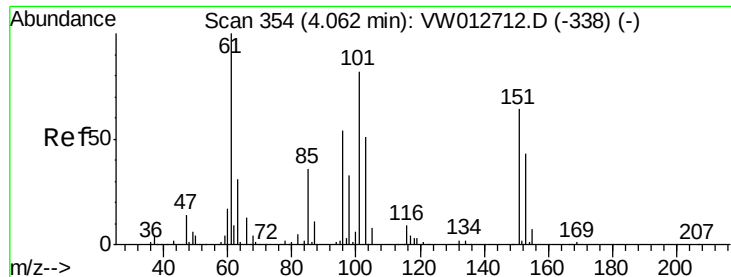


#8

Diethyl Ether
 Concen: 21.060 ug/l
 RT: 3.68 min Scan# 291
 Delta R.T. -0.00 min
 Lab File: VW012758.D
 Acq: 08 Sep 2019 09:41

Tgt Ion: 74 Resp: 22699
 Ion Ratio Lower Upper
 74 100
 45 118.0 58.8 176.4





#9

1,1,2-Trichlorotrifluoroethane

Concen: 22.317 ug/l

RT: 4.06 min Scan# 353

Delta R.T. -0.01 min

Lab File: VW012758.D

Acq: 08 Sep 2019 09:41

Instrument :

MSVOA_W

ClientSampleId :

VW0907SBSD02

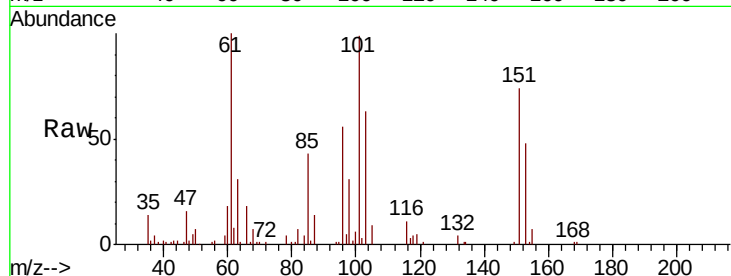
Tgt Ion:101 Resp: 44913

Ion Ratio Lower Upper

101 100

85 45.1 36.2 54.2

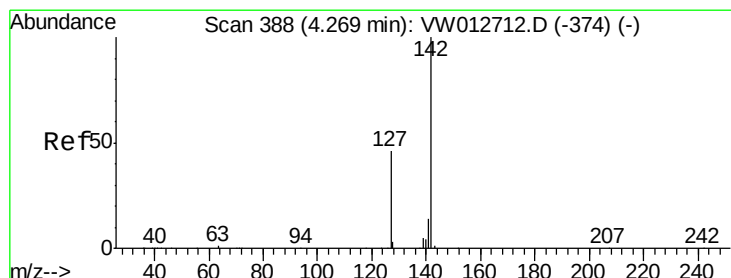
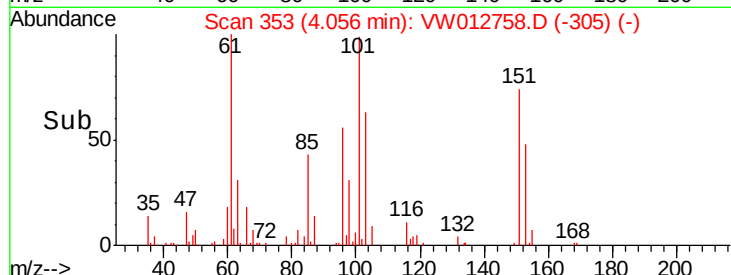
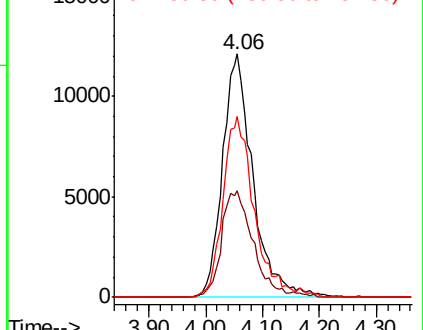
151 75.4 61.9 92.9



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): V

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 21.604 ug/l

RT: 4.26 min Scan# 387

Delta R.T. -0.01 min

Lab File: VW012758.D

Acq: 08 Sep 2019 09:41

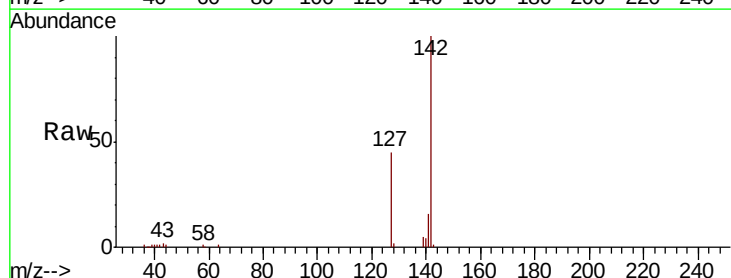
Tgt Ion:142 Resp: 54733

Ion Ratio Lower Upper

142 100

127 46.1 36.0 54.0

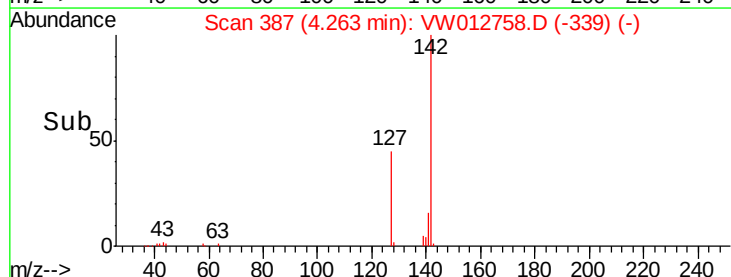
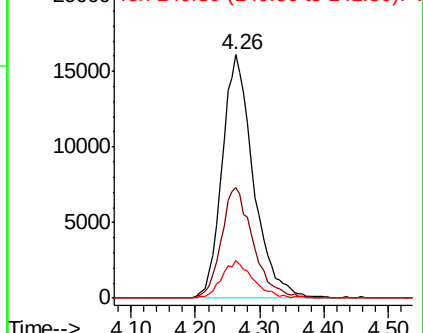
141 15.2 12.2 18.4

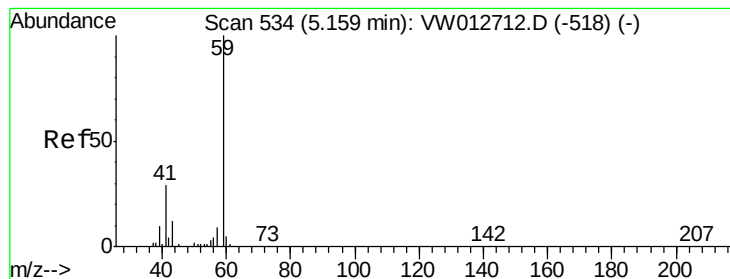


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V





#11

Tert butyl alcohol

Concen: 78.352 ug/l

RT: 5.21 min Scan# 542

Delta R.T. 0.05 min

Lab File: VW012758.D

Acq: 08 Sep 2019 09:41

Instrument :

MSVOA_W

ClientSampled :

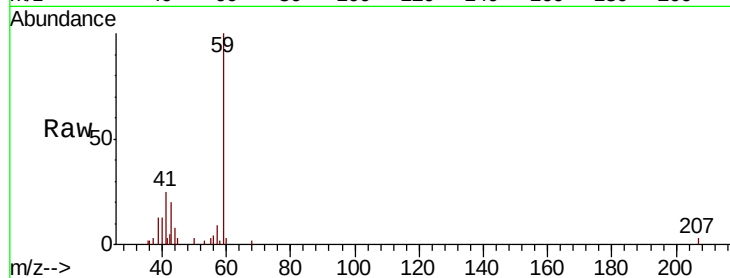
VW0907SBSD02

Tgt Ion: 59 Resp: 15409

Ion Ratio Lower Upper

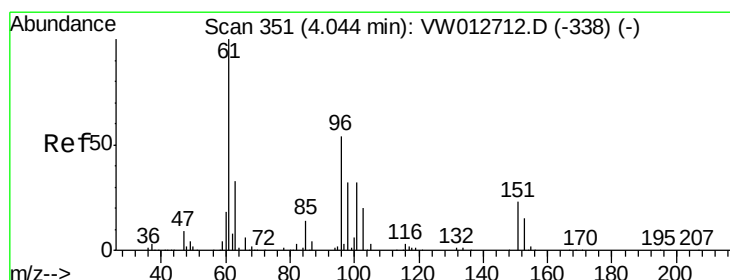
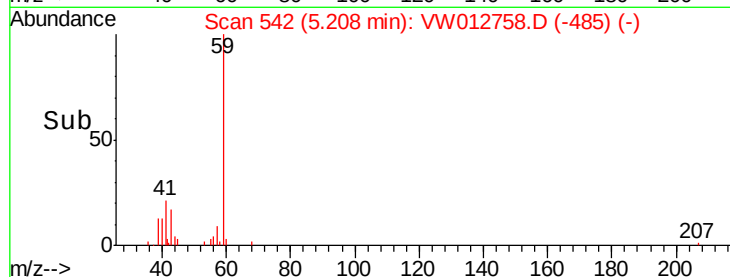
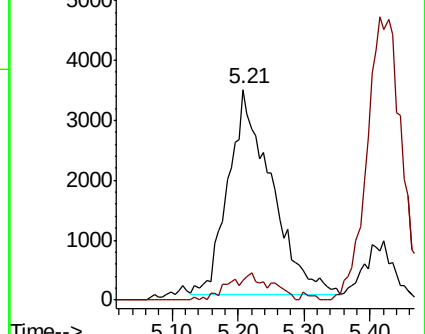
59 100

57 4.3 8.2 12.4#



Abundance Ion 59.00 (58.70 to 59.70): VW

Ion 57.00 (56.70 to 57.70): VW



#12

1,1-Dichloroethene

Concen: 21.761 ug/l

RT: 4.03 min Scan# 349

Delta R.T. -0.01 min

Lab File: VW012758.D

Acq: 08 Sep 2019 09:41

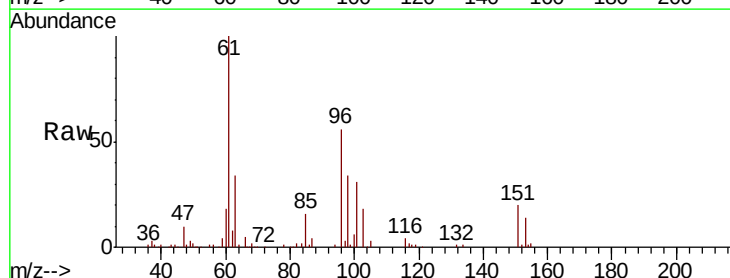
Tgt Ion: 96 Resp: 41341

Ion Ratio Lower Upper

96 100

61 177.9 147.8 221.6

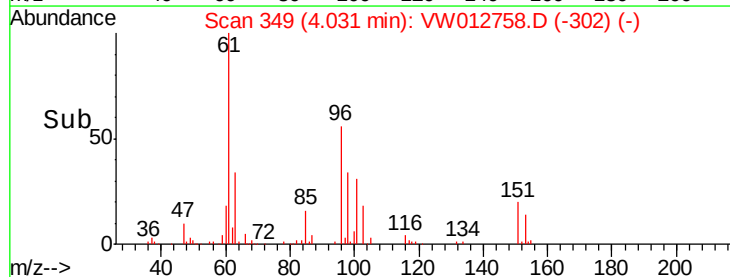
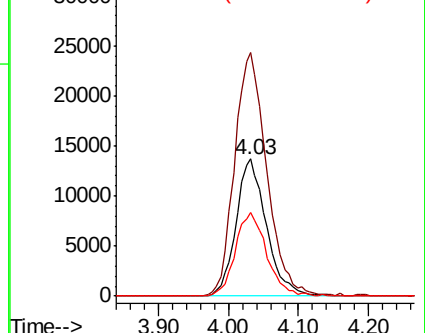
98 61.3 47.9 71.9

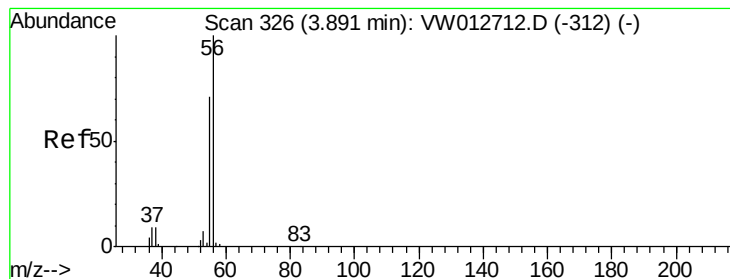


Abundance Ion 95.90 (95.60 to 96.60): VW

Ion 60.90 (60.60 to 61.60): VW

Ion 97.90 (97.60 to 98.60): VW





#13

Acrolein

Concen: 89.494 ug/l

RT: 3.89 min Scan# 326

Delta R.T. -0.00 min

Lab File: VW012758.D

Acq: 08 Sep 2019 09:41

Instrument :

MSVOA_W

ClientSampleId :

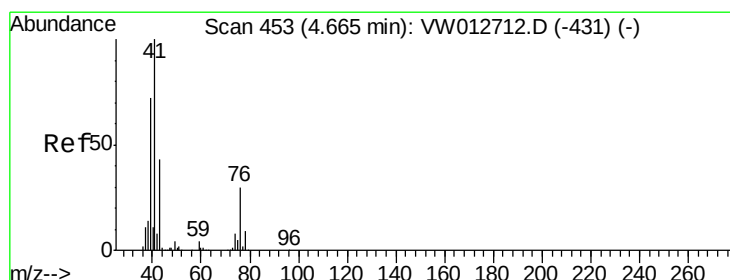
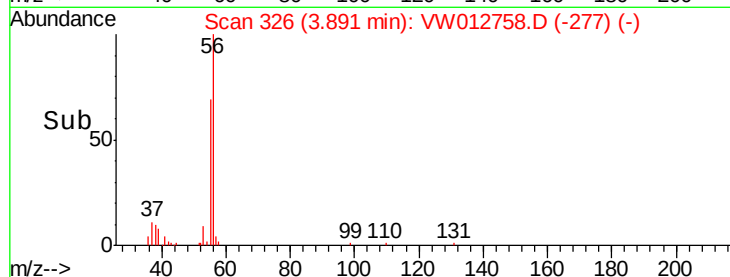
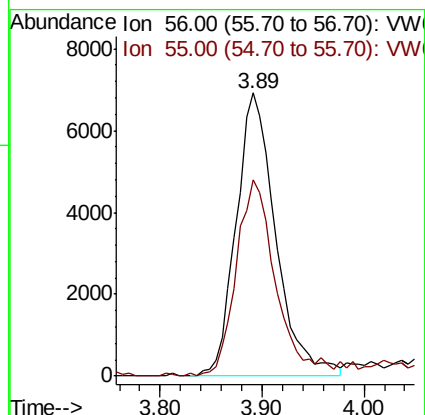
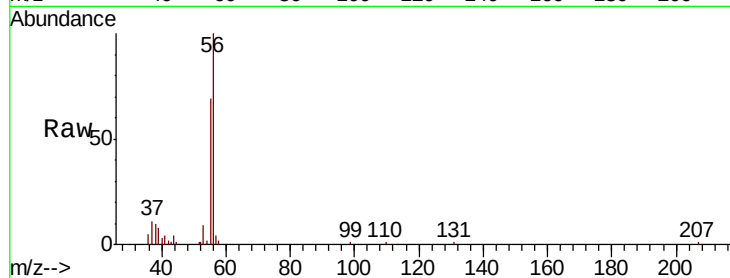
VW0907SBSD02

Tgt Ion: 56 Resp: 18677

Ion Ratio Lower Upper

56 100

55 69.2 56.9 85.3



#14

Allyl chloride

Concen: 20.131 ug/l

RT: 4.66 min Scan# 452

Delta R.T. -0.01 min

Lab File: VW012758.D

Acq: 08 Sep 2019 09:41

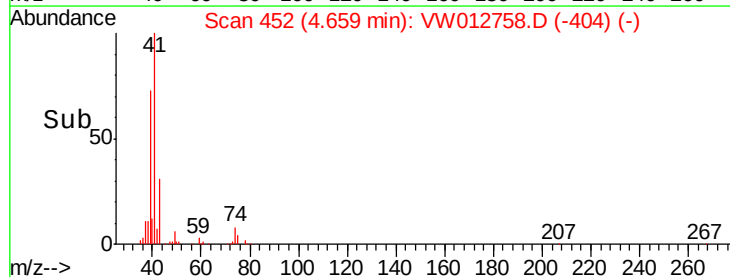
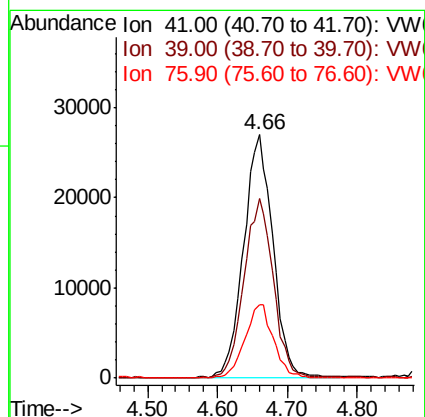
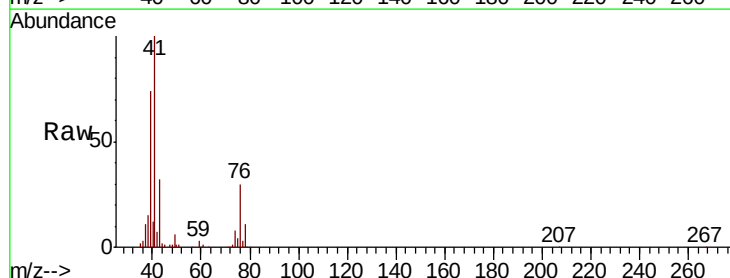
Tgt Ion: 41 Resp: 79116

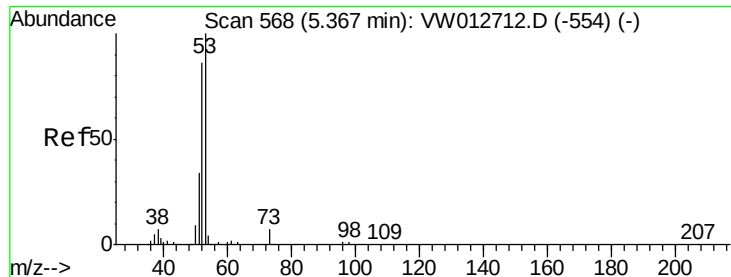
Ion Ratio Lower Upper

41 100

39 73.4 55.0 82.6

76 29.2 23.0 34.4





#15

Acrylonitrile

Concen: 91.343 ug/l

RT: 5.37 min Scan# 569

Delta R.T. 0.01 min

Lab File: VW012758.D

Acq: 08 Sep 2019 09:41

Instrument :

MSVOA_W

ClientSampleId :

VW0907SBSD02

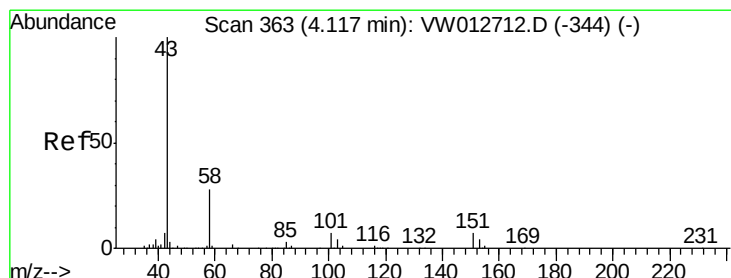
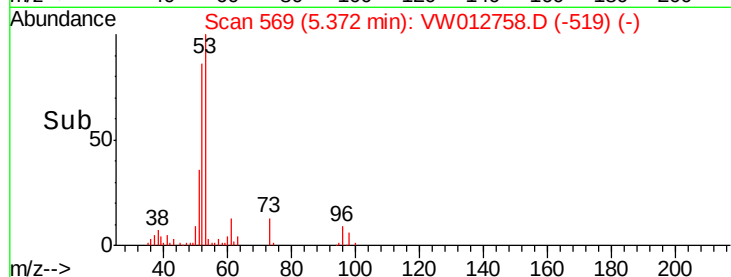
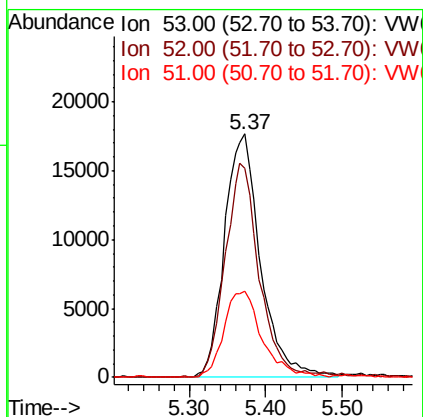
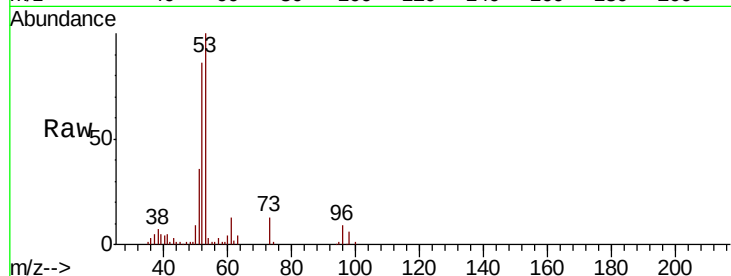
Tgt Ion: 53 Resp: 57504

Ion Ratio Lower Upper

53 100

52 82.9 67.0 100.4

51 37.5 29.8 44.8



#16

Acetone

Concen: 86.694 ug/l

RT: 4.13 min Scan# 366

Delta R.T. 0.02 min

Lab File: VW012758.D

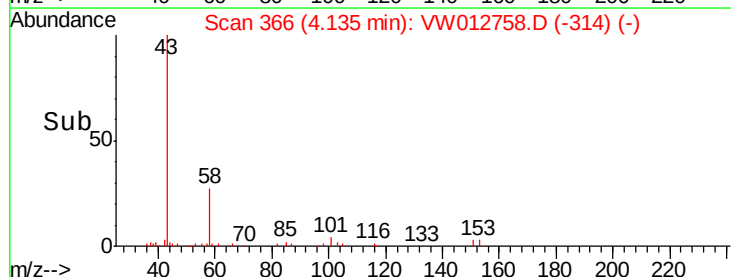
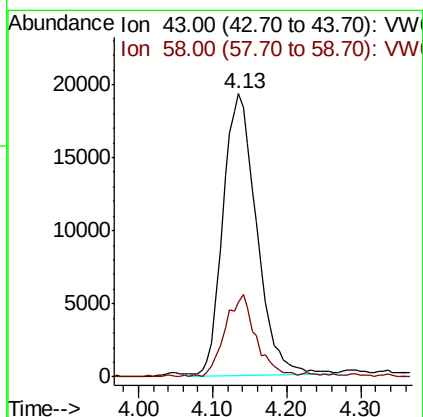
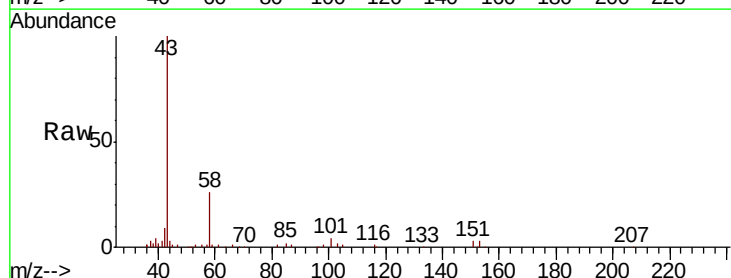
Acq: 08 Sep 2019 09:41

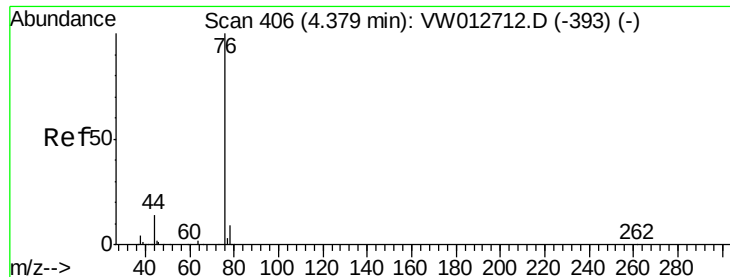
Tgt Ion: 43 Resp: 60750

Ion Ratio Lower Upper

43 100

58 26.4 22.6 33.8





#17

Carbon Disulfide

Concen: 20.985 ug/l

RT: 4.37 min Scan# 405

Delta R.T. -0.01 min

Lab File: VW012758.D

Acq: 08 Sep 2019 09:41

Instrument :

MSVOA_W

ClientSampleId :

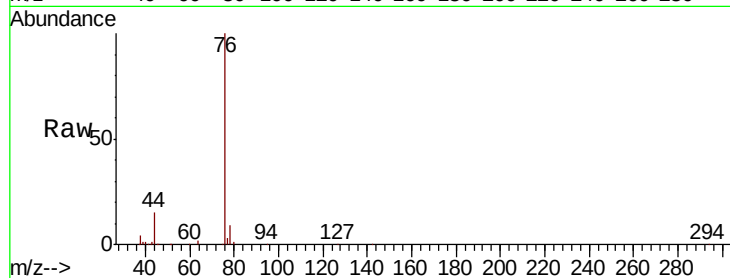
VW0907SBSD02

Tgt Ion: 76 Resp: 84623

Ion Ratio Lower Upper

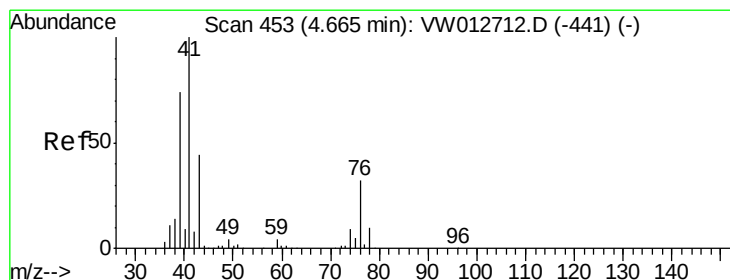
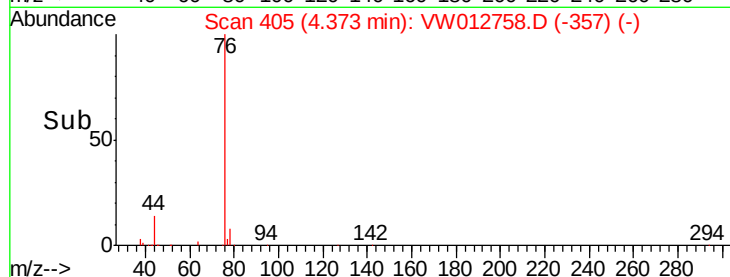
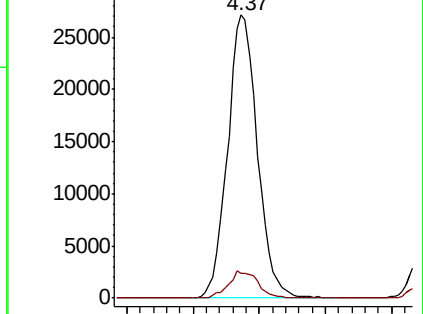
76 100

78 8.7 7.2 10.8



Abundance Ion 75.90 (75.60 to 76.60): VW

Ion 77.90 (77.60 to 78.60): VW



#18

Methyl Acetate

Concen: 18.668 ug/l

RT: 4.67 min Scan# 454

Delta R.T. 0.01 min

Lab File: VW012758.D

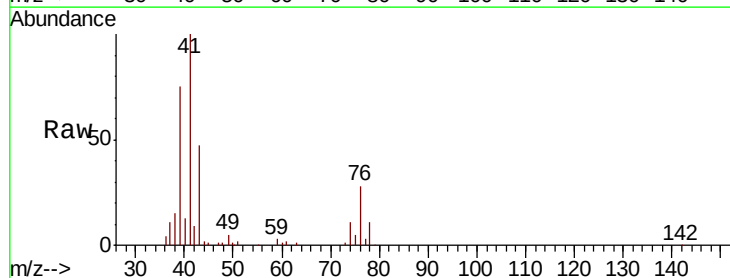
Acq: 08 Sep 2019 09:41

Tgt Ion: 43 Resp: 30692

Ion Ratio Lower Upper

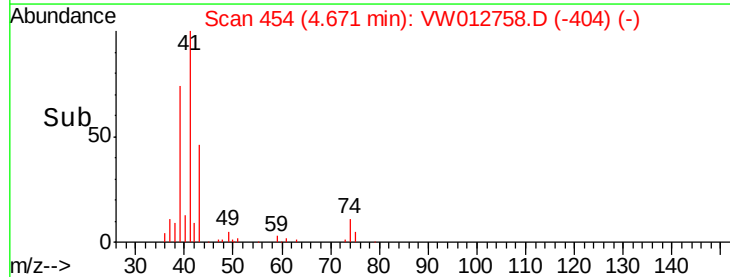
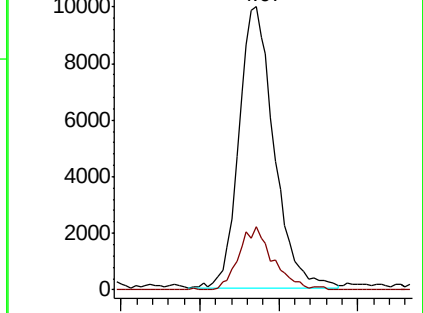
43 100

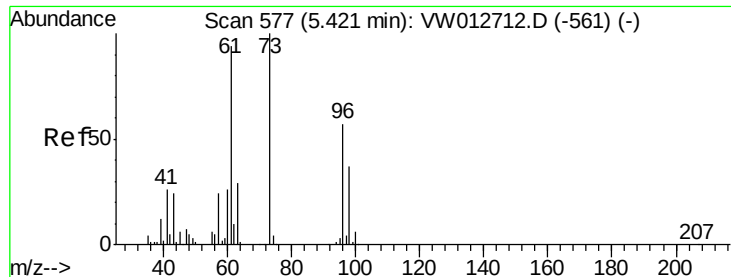
74 21.6 15.8 23.6



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 74.00 (73.70 to 74.70): VW

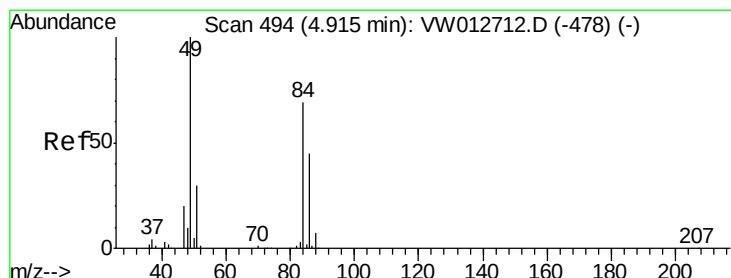
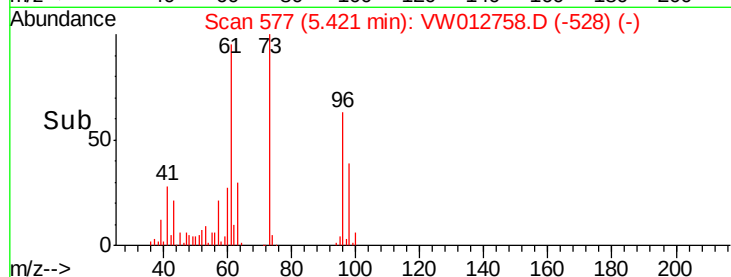
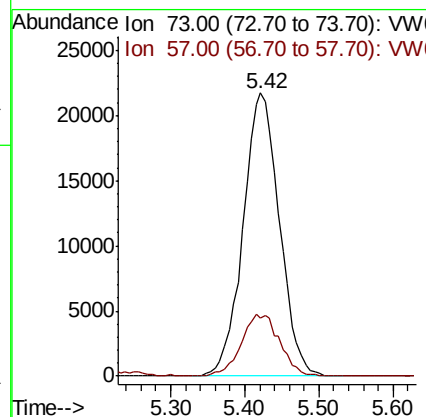
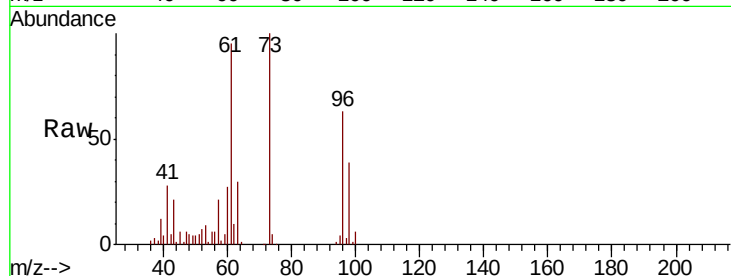




#19
Methyl tert-butyl Ether
Concen: 19.689 ug/l
RT: 5.42 min Scan# 577
Delta R.T. -0.00 min
Lab File: VW012758.D
Acq: 08 Sep 2019 09:41

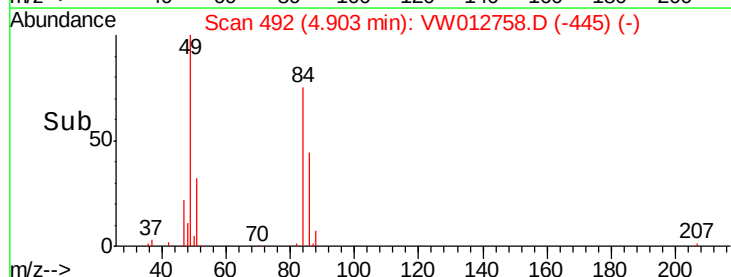
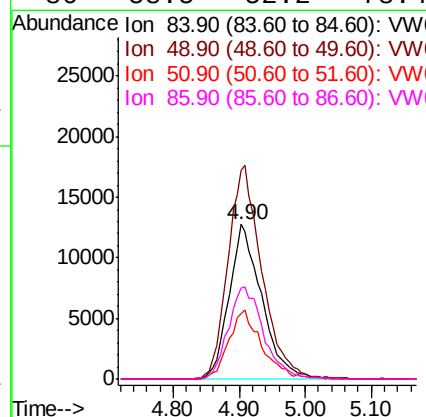
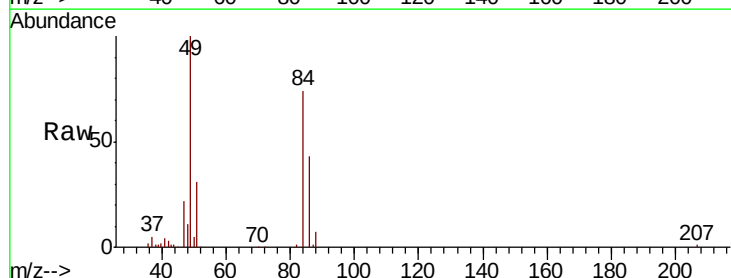
Instrument :
MSVOA_W
ClientSampleId :
VW0907SBSD02

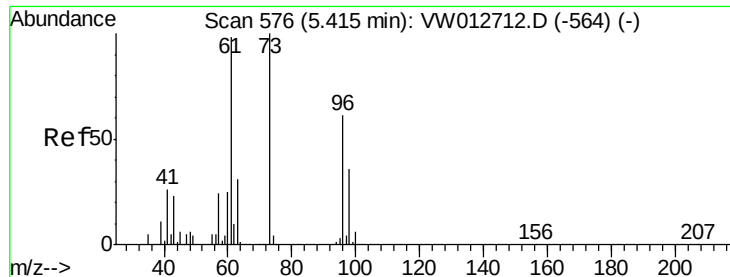
Tgt Ion: 73 Resp: 74181
Ion Ratio Lower Upper
73 100
57 20.7 19.2 28.8



#20
Methylene Chloride
Concen: 19.941 ug/l
RT: 4.90 min Scan# 492
Delta R.T. -0.01 min
Lab File: VW012758.D
Acq: 08 Sep 2019 09:41

Tgt Ion: 84 Resp: 43716
Ion Ratio Lower Upper
84 100
49 134.6 115.4 173.0
51 42.2 34.9 52.3
86 58.5 52.2 78.4





#21

trans-1,2-Dichloroethene

Concen: 21.656 ug/l

RT: 5.42 min Scan# 576

Delta R.T. -0.00 min

Lab File: VW012758.D

Acq: 08 Sep 2019 09:41

Instrument :

MSVOA_W

ClientSampleId :

VW0907SBSD02

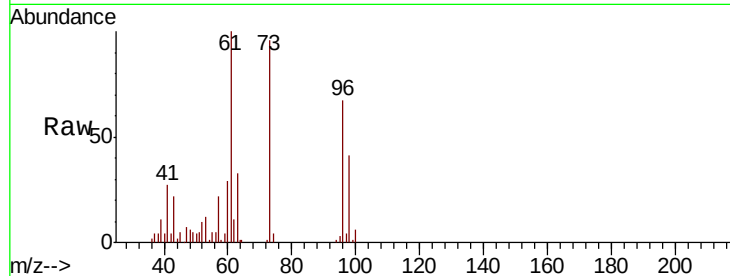
Tgt Ion: 96 Resp: 41979

Ion Ratio Lower Upper

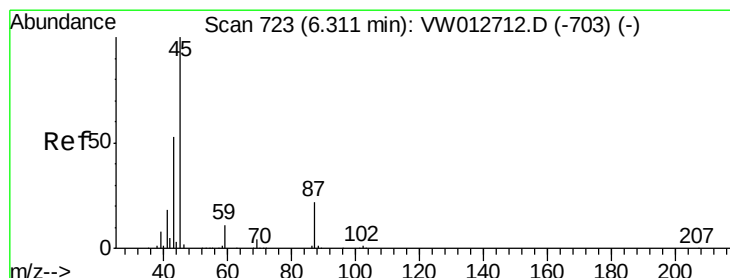
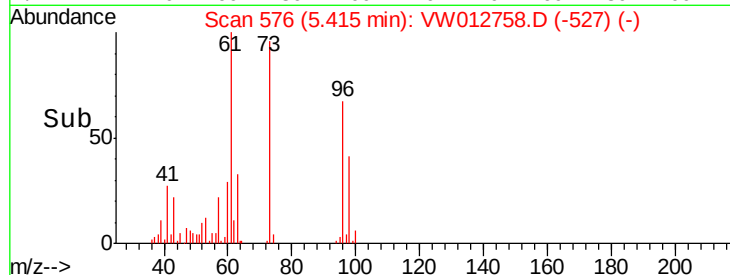
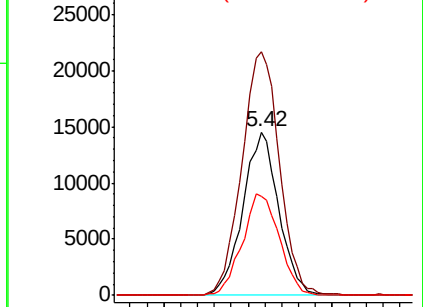
96 100

61 149.3 129.2 193.8

98 60.9 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: 21.308 ug/l

RT: 6.31 min Scan# 722

Delta R.T. -0.01 min

Lab File: VW012758.D

Acq: 08 Sep 2019 09:41

Tgt Ion: 45 Resp: 166084

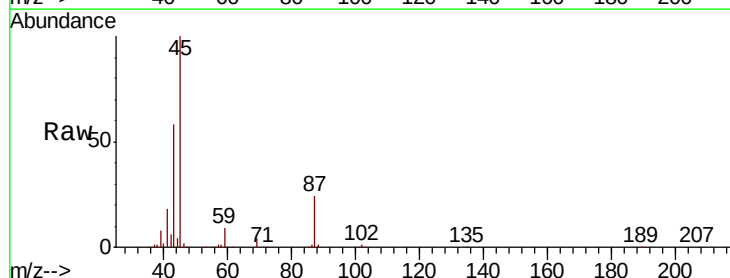
Ion Ratio Lower Upper

45 100

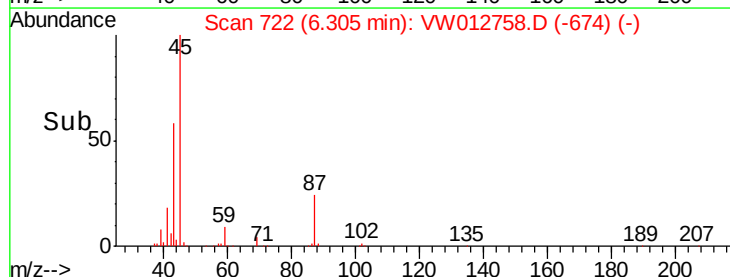
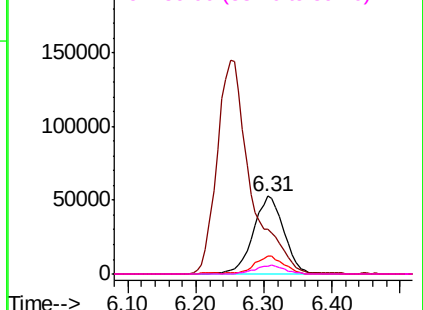
43 57.5 42.3 63.5

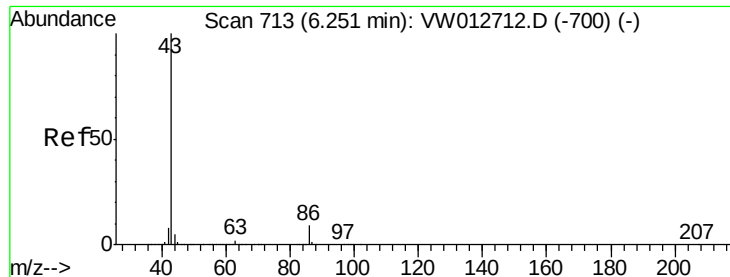
87 23.7 18.2 27.2

59 9.2 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: 100.350 ug/l

RT: 6.25 min Scan# 713

Delta R.T. -0.00 min

Lab File: VW012758.D

Acq: 08 Sep 2019 09:41

Instrument :

MSVOA_W

ClientSampleId :

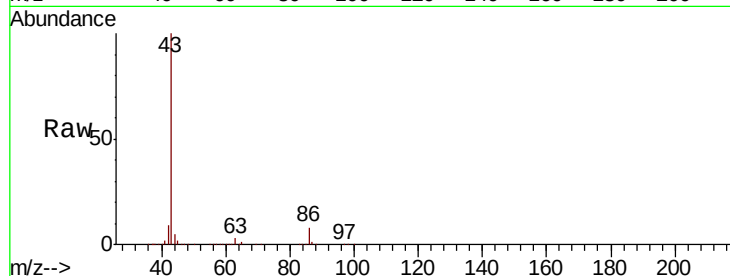
VW0907SBSD02

Tgt Ion: 43 Resp: 495705

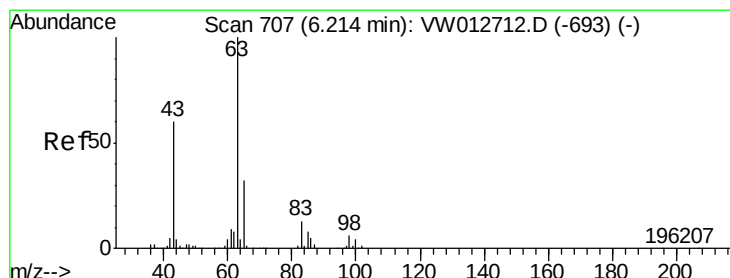
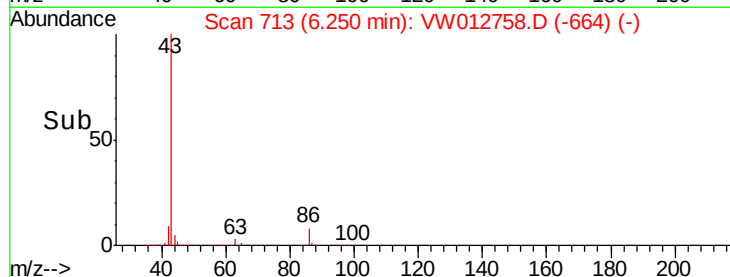
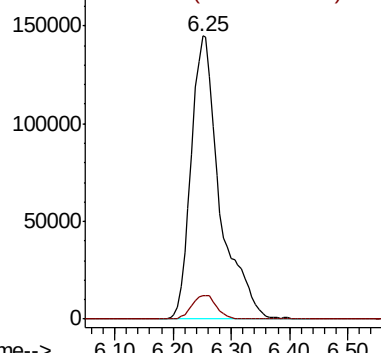
Ion Ratio Lower Upper

43 100

86 8.2 7.0 10.6



Abundance Ion 43.00 (42.70 to 43.70): VW
Ion 86.00 (85.70 to 86.70): VW



#24

1,1-Dichloroethane

Concen: 21.444 ug/l

RT: 6.21 min Scan# 706

Delta R.T. -0.01 min

Lab File: VW012758.D

Acq: 08 Sep 2019 09:41

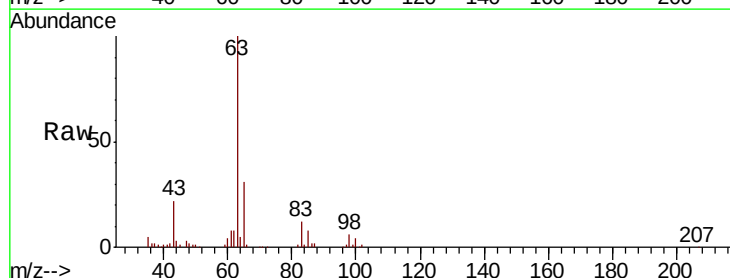
Tgt Ion: 63 Resp: 89998

Ion Ratio Lower Upper

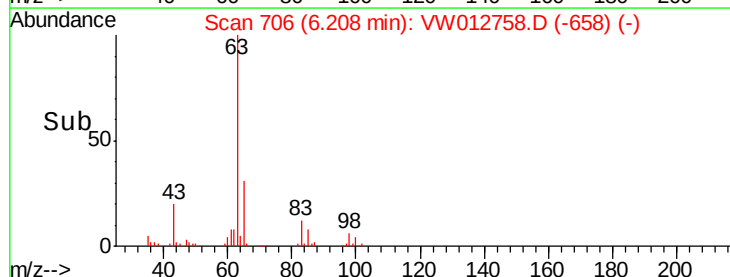
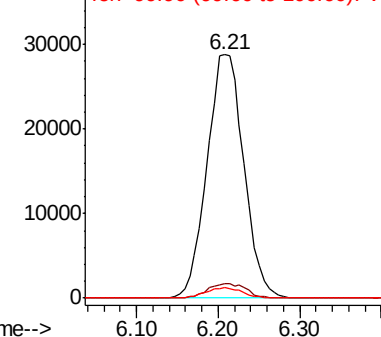
63 100

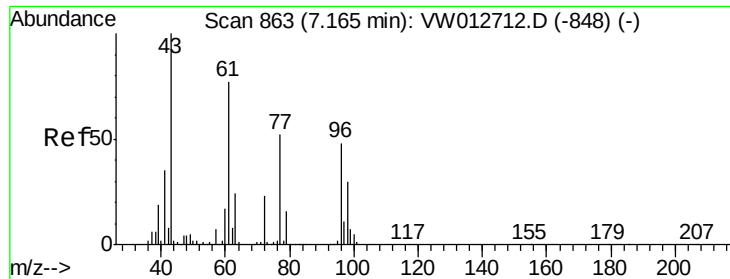
98 5.9 3.1 9.3

100 4.4 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





#25

2-Butanone

Concen: 94.614 ug/l

RT: 7.16 min Scan# 863

Delta R.T. -0.00 min

Lab File: VW012758.D

Acq: 08 Sep 2019 09:41

Instrument :

MSVOA_W

ClientSampleId :

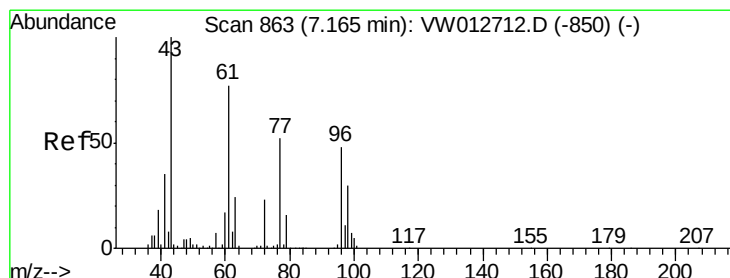
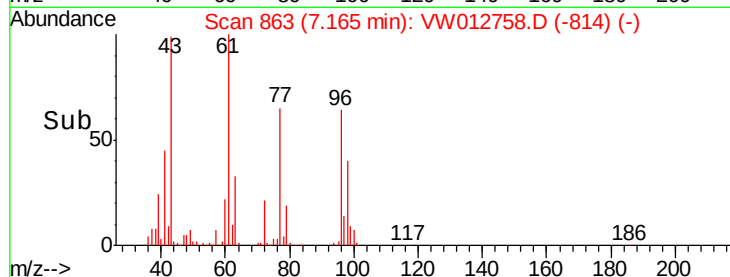
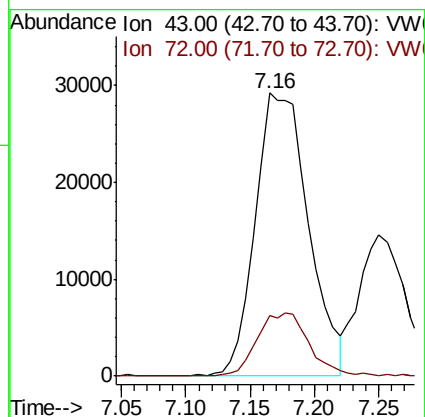
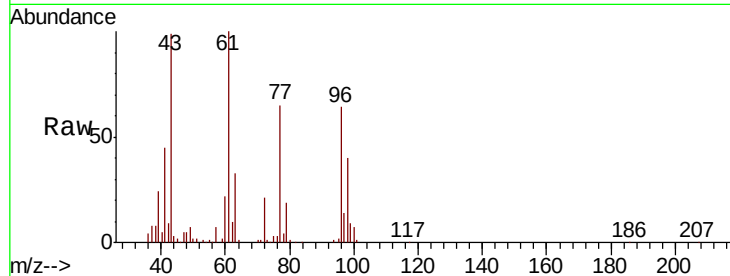
VW0907SBSD02

Tgt Ion: 43 Resp: 83921

Ion Ratio Lower Upper

43 100

72 21.3 18.0 27.0



#26

2,2-Dichloropropane

Concen: 20.873 ug/l

RT: 7.16 min Scan# 862

Delta R.T. -0.01 min

Lab File: VW012758.D

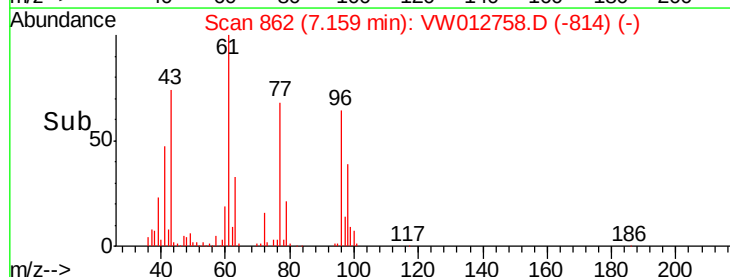
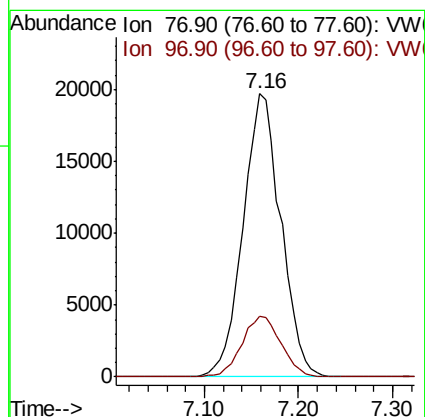
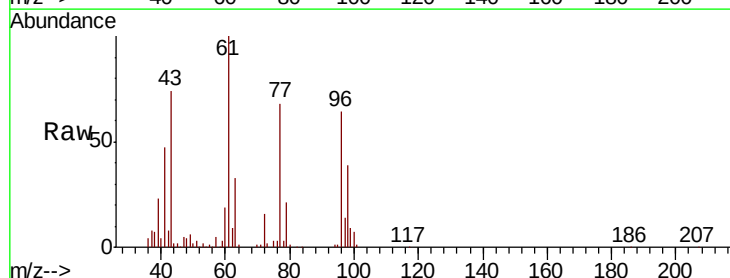
Acq: 08 Sep 2019 09:41

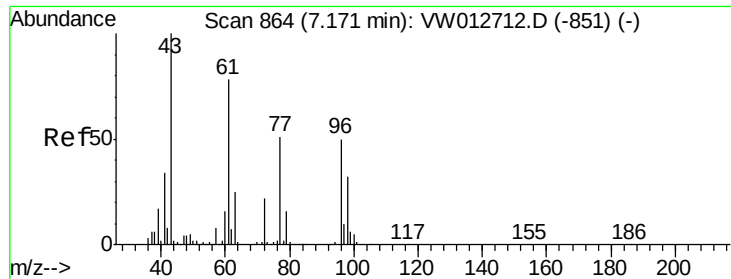
Tgt Ion: 77 Resp: 55328

Ion Ratio Lower Upper

77 100

97 22.2 10.7 32.1



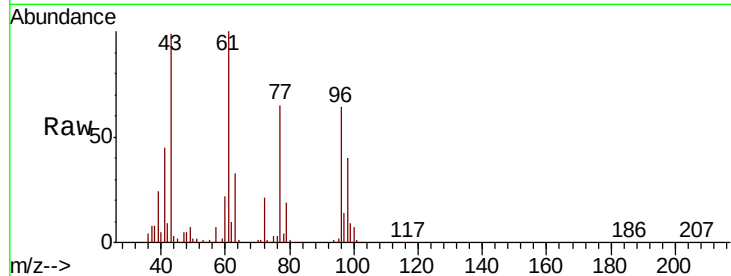


#27

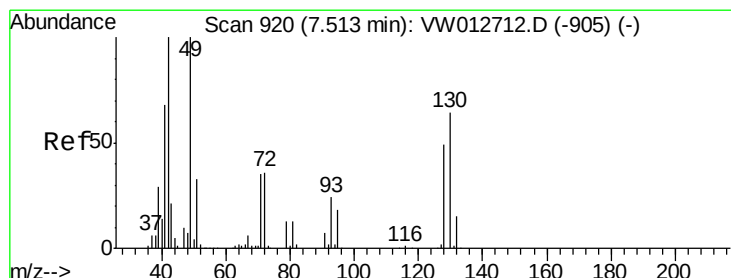
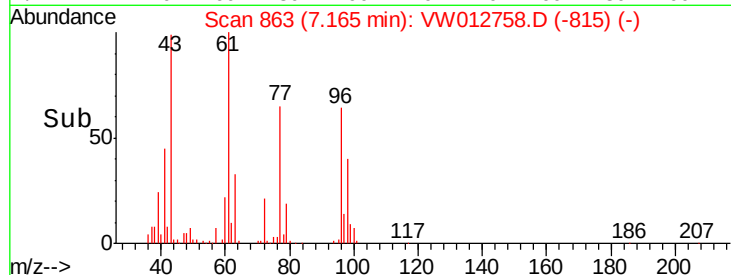
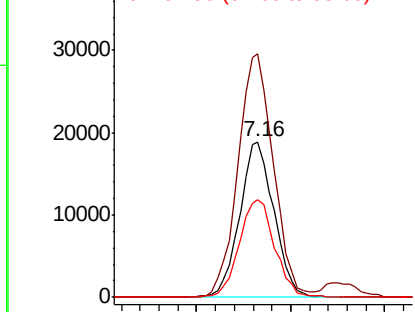
cis-1,2-Dichloroethene
 Concen: 21.354 ug/l
 RT: 7.16 min Scan# 863
 Delta R.T. -0.01 min
 Lab File: VW012758.D
 Acq: 08 Sep 2019 09:41

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0907SBSD02

Tgt Ion	Ratio	Lower	Upper
96	100		
61	161.5	0.0	325.8
98	65.3	0.0	127.0



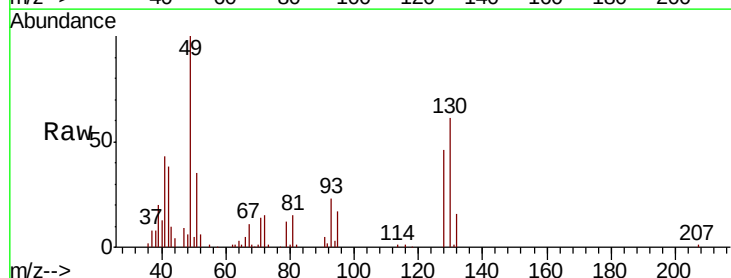
Abundance Ion 95.90 (95.60 to 96.60): VW
 Ion 60.90 (60.60 to 61.60): VW
 Ion 97.90 (97.60 to 98.60): VW



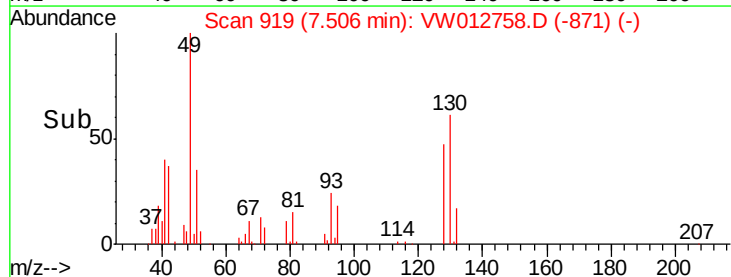
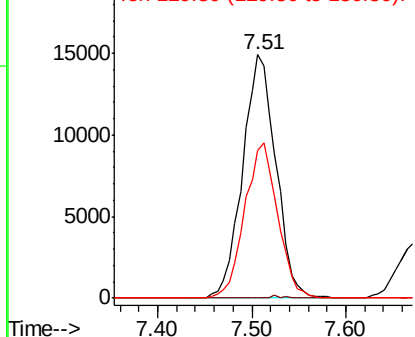
#28

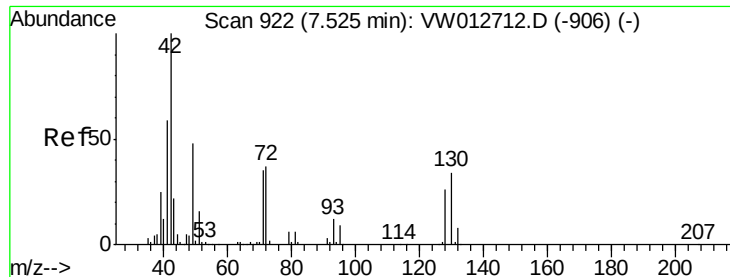
Bromochloromethane
 Concen: 19.158 ug/l
 RT: 7.51 min Scan# 919
 Delta R.T. -0.01 min
 Lab File: VW012758.D
 Acq: 08 Sep 2019 09:41

Tgt Ion	Ratio	Lower	Upper
49	100		
129	0.3	0.0	0.8
130	63.2	49.8	74.8



Abundance Ion 48.90 (48.60 to 49.60): VW
 Ion 128.80 (128.50 to 129.50): V
 Ion 129.80 (129.50 to 130.50): V

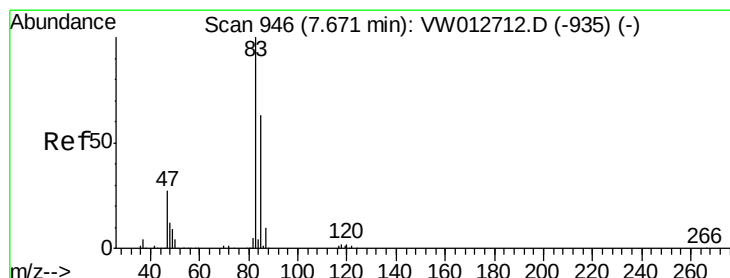
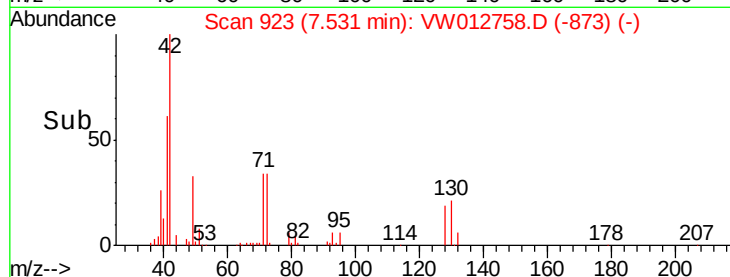
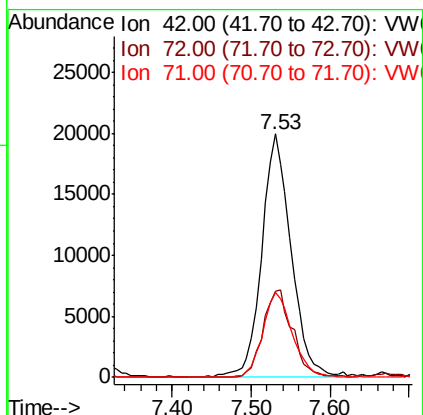
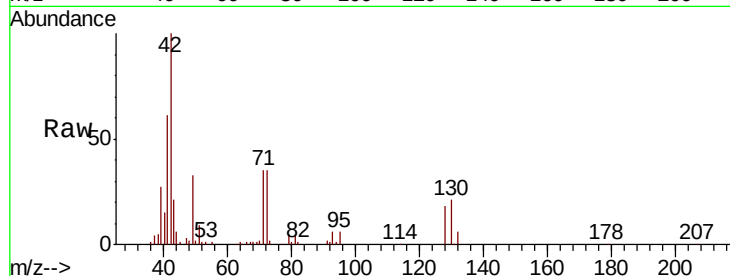




#29
Tetrahydrofuran
Concen: 91.290 ug/l
RT: 7.53 min Scan# 923
Delta R.T. 0.01 min
Lab File: VW012758.D
Acq: 08 Sep 2019 09:41

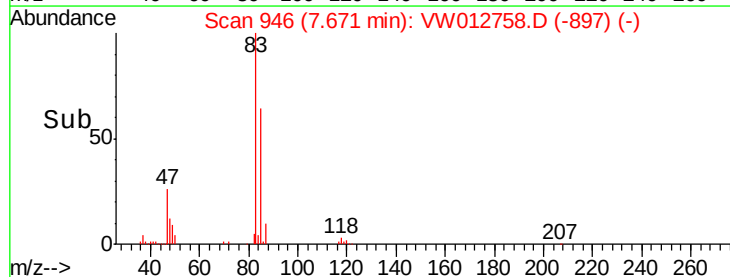
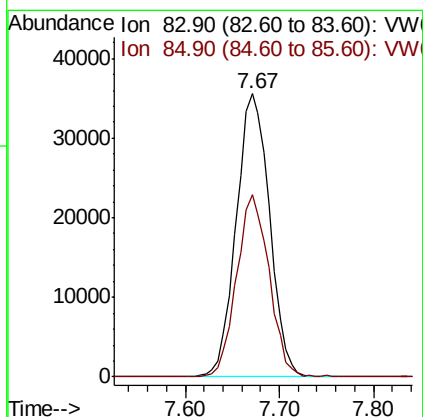
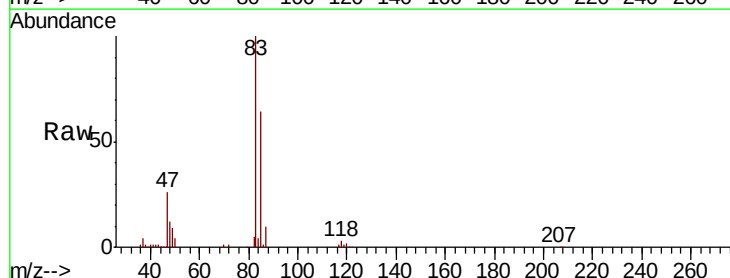
Instrument :
MSVOA_W
ClientSampleId :
VW0907SBSD02

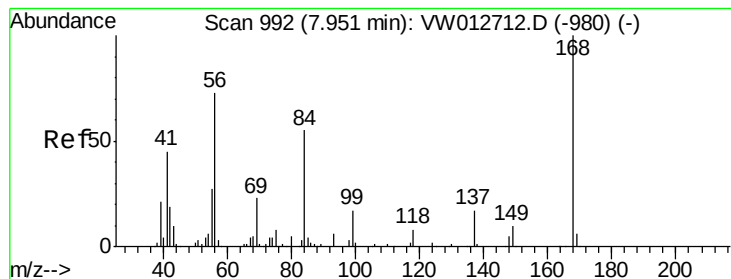
Tgt Ion: 42 Resp: 51659
Ion Ratio Lower Upper
42 100
72 36.0 28.4 42.6
71 34.9 27.1 40.7



#30
Chloroform
Concen: 21.167 ug/l
RT: 7.67 min Scan# 946
Delta R.T. -0.00 min
Lab File: VW012758.D
Acq: 08 Sep 2019 09:41

Tgt Ion: 83 Resp: 88040
Ion Ratio Lower Upper
83 100
85 64.2 50.6 76.0





#31

Cyclohexane

Concen: 20.563 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.00 min

Lab File: VW012758.D

Acq: 08 Sep 2019 09:41

Instrument :

MSVOA_W

ClientSampleId :

VW0907SBSD02

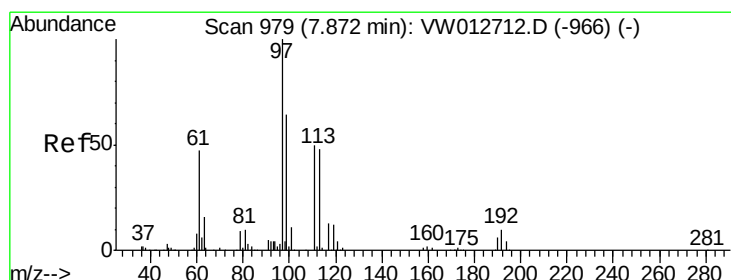
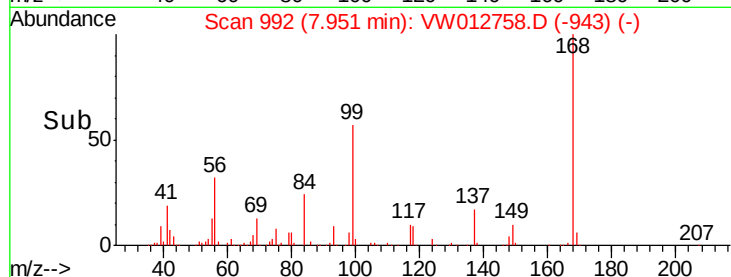
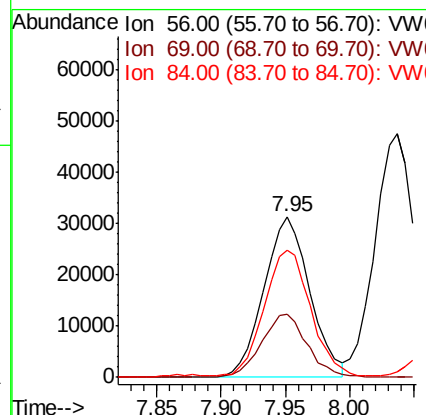
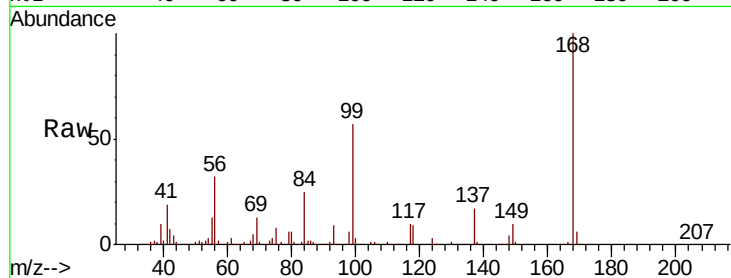
Tgt Ion: 56 Resp: 77694

Ion Ratio Lower Upper

56 100

69 39.3 25.7 38.5#

84 77.7 60.4 90.6



#32

1,1,1-Trichloroethane

Concen: 21.431 ug/l

RT: 7.87 min Scan# 978

Delta R.T. -0.01 min

Lab File: VW012758.D

Acq: 08 Sep 2019 09:41

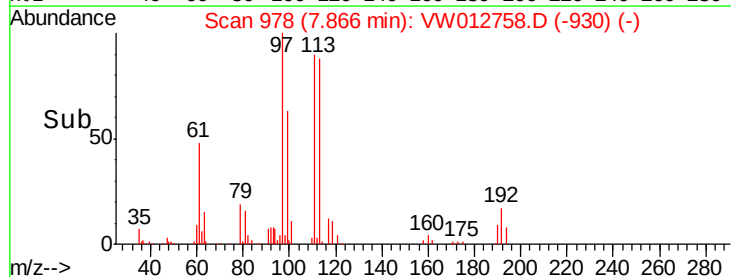
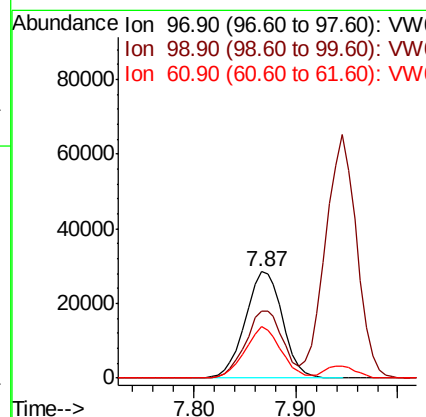
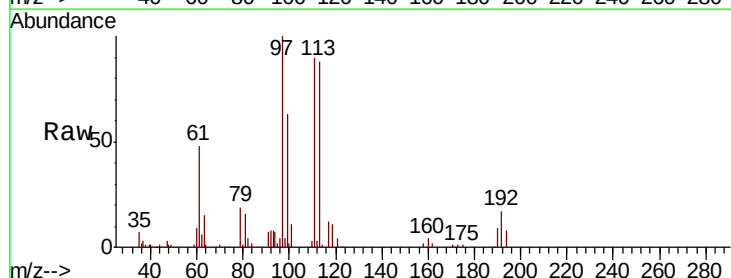
Tgt Ion: 97 Resp: 72256

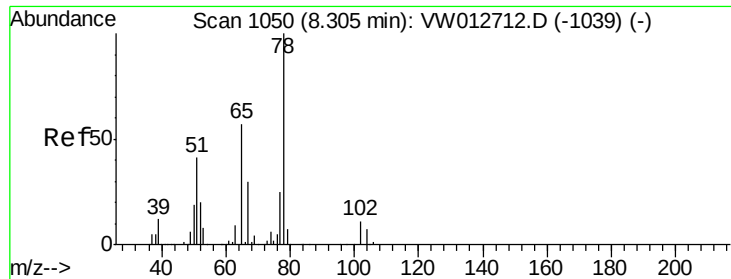
Ion Ratio Lower Upper

97 100

99 63.5 51.5 77.3

61 46.6 37.9 56.9

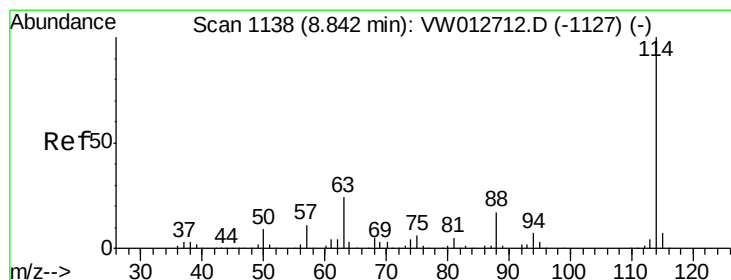
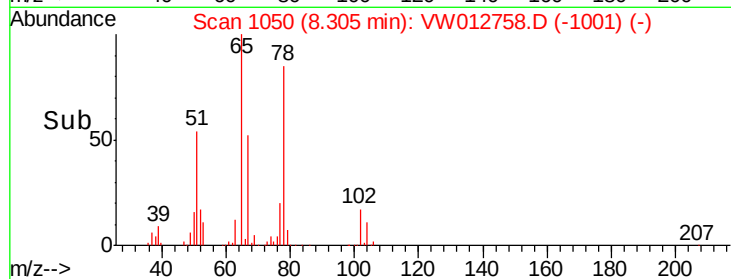
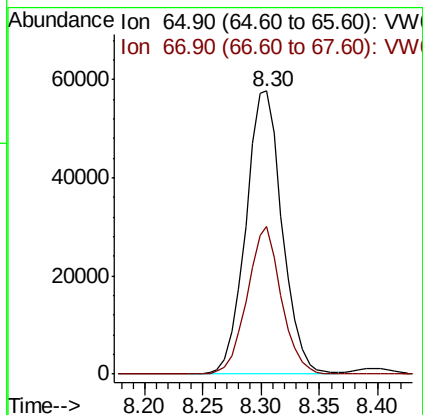
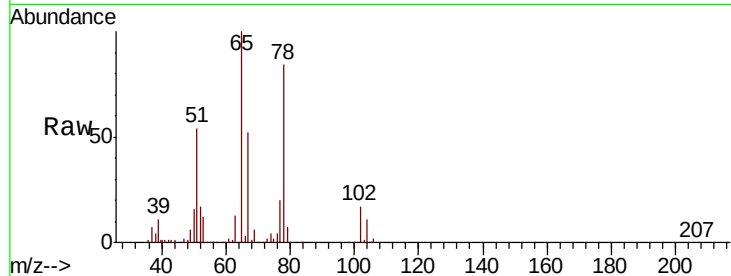




#33
 1,2-Dichloroethane-d4
 Concen: 48.783 ug/l
 RT: 8.30 min Scan# 1050
 Delta R.T. -0.00 min
 Lab File: VW012758.D
 Acq: 08 Sep 2019 09:41

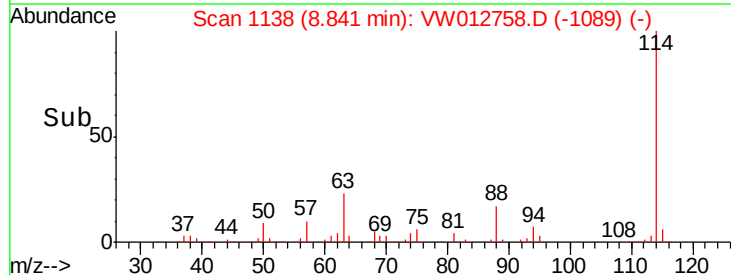
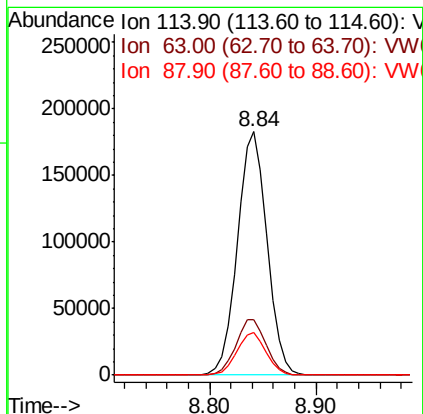
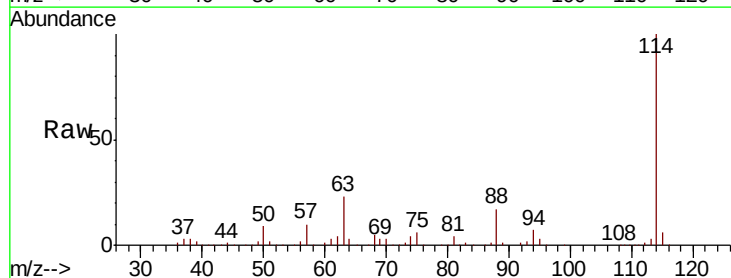
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0907SBSD02

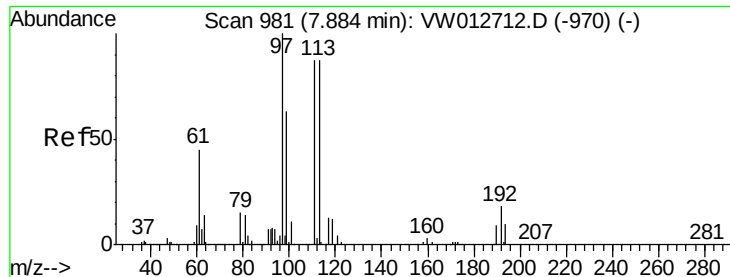
Tgt Ion: 65 Resp: 125392
 Ion Ratio Lower Upper
 65 100
 67 49.1 0.0 101.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VW012758.D
 Acq: 08 Sep 2019 09:41

Tgt Ion: 114 Resp: 357065
 Ion Ratio Lower Upper
 114 100
 63 22.9 0.0 47.2
 88 17.4 0.0 34.0





#35

Dibromofluoromethane

Concen: 43.550 ug/l

RT: 7.88 min Scan# 981

Delta R.T. -0.00 min

Lab File: VW012758.D

Acq: 08 Sep 2019 09:41

Instrument :

MSVOA_W

ClientSampleId :

VW0907SBSD02

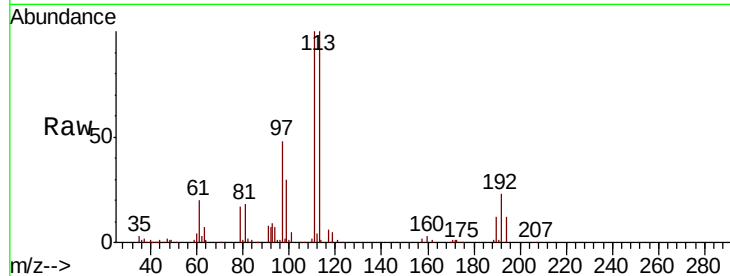
Tgt Ion:113 Resp: 92451

Ion Ratio Lower Upper

113 100

111 103.4 80.2 120.4

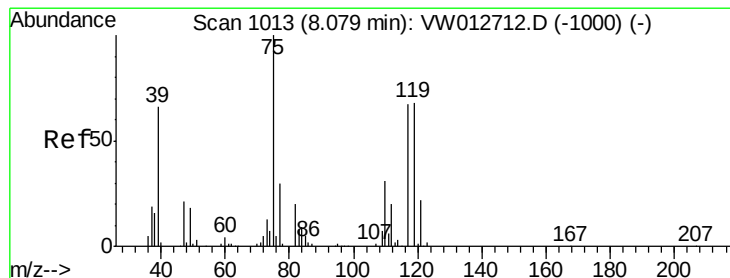
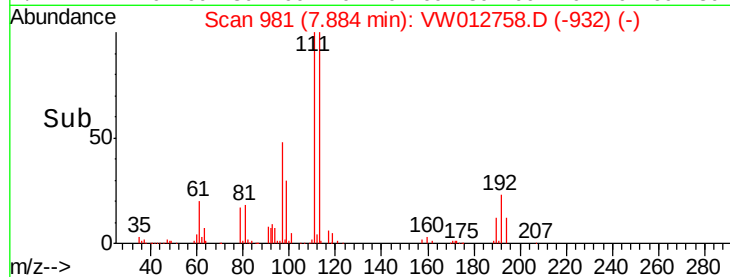
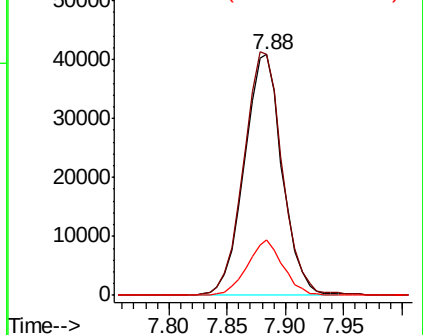
192 21.9 17.3 25.9



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 21.276 ug/l

RT: 8.08 min Scan# 1013

Delta R.T. -0.00 min

Lab File: VW012758.D

Acq: 08 Sep 2019 09:41

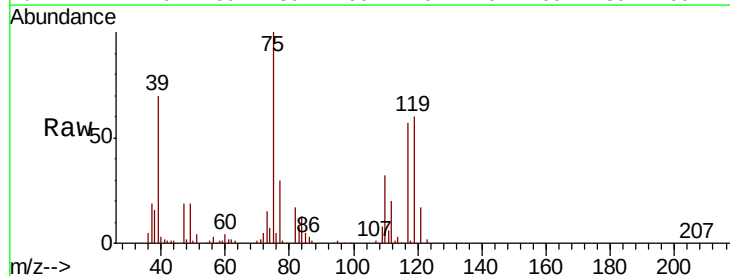
Tgt Ion: 75 Resp: 67502

Ion Ratio Lower Upper

75 100

110 31.0 15.9 47.7

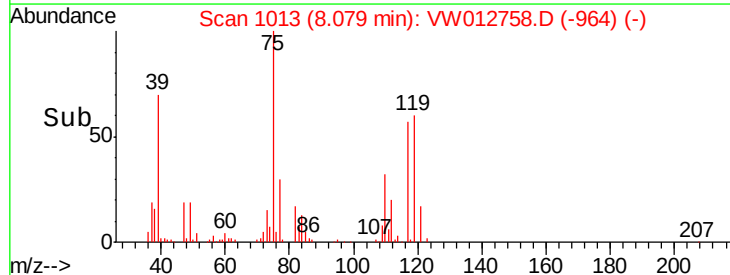
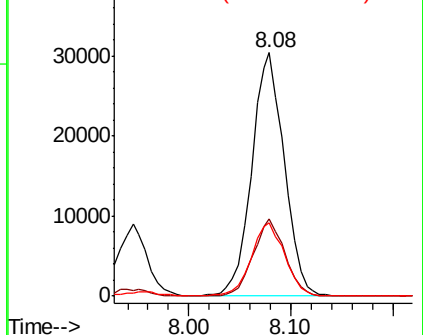
77 31.4 25.0 37.4

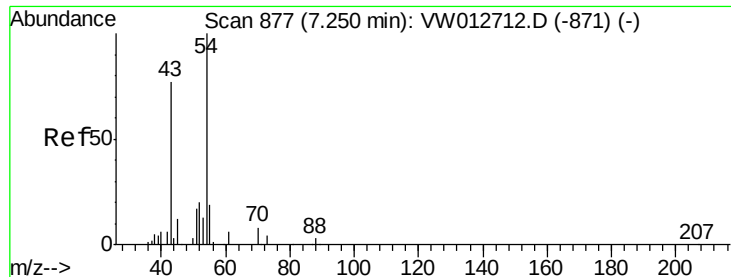


Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VW

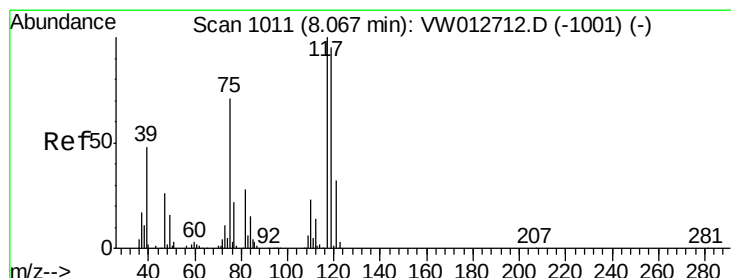
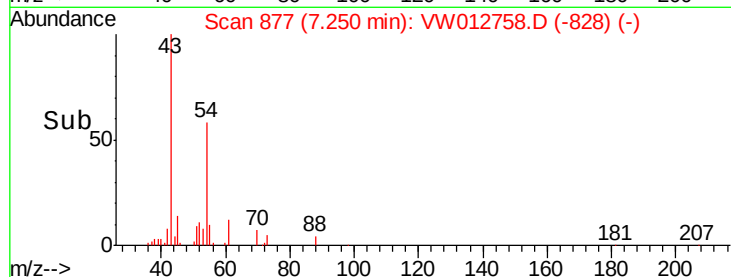
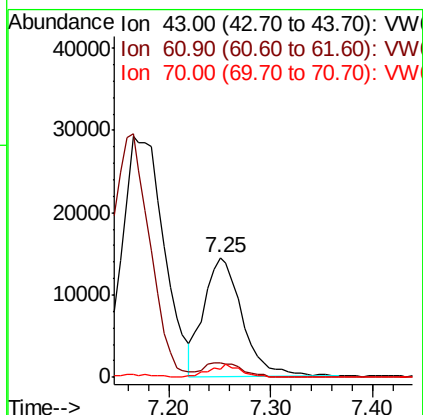
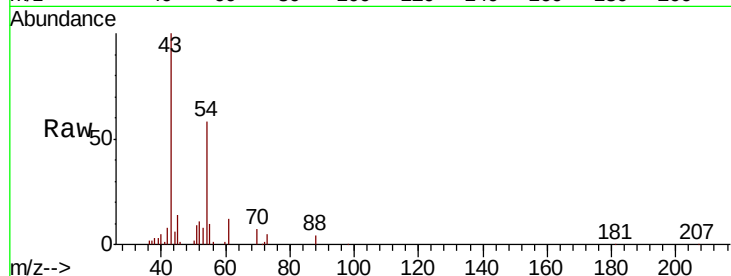




#37
 Ethyl Acetate
 Concen: 18.673 ug/l
 RT: 7.25 min Scan# 877
 Delta R.T. -0.00 min
 Lab File: VW012758.D
 Acq: 08 Sep 2019 09:41

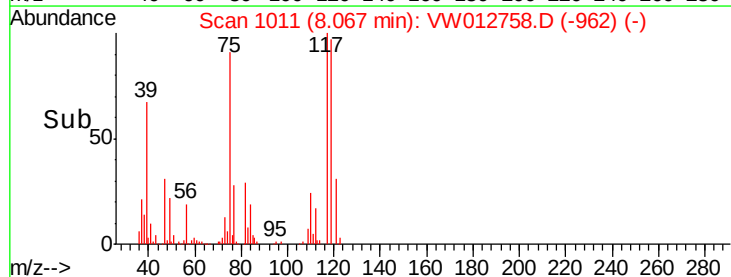
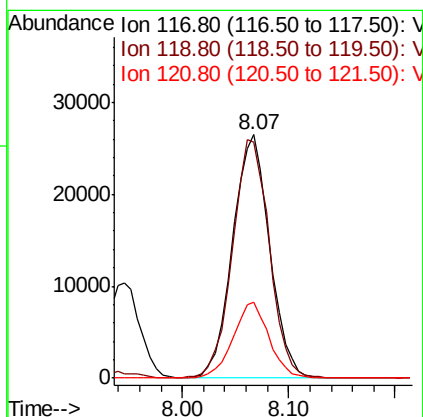
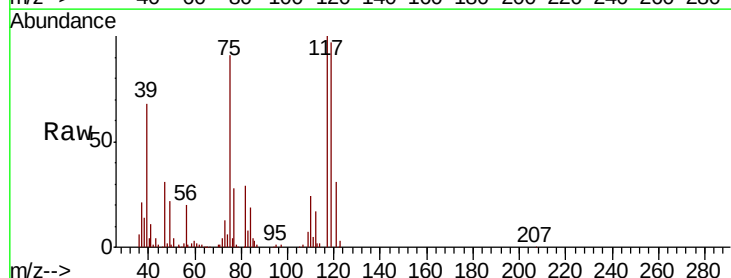
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0907SBSD02

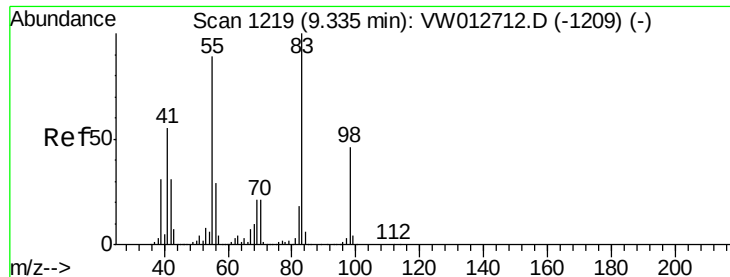
Tgt Ion: 43 Resp: 37765
 Ion Ratio Lower Upper
 43 100
 61 12.8 9.5 14.3
 70 8.9 7.0 10.6



#38
 Carbon Tetrachloride
 Concen: 20.643 ug/l
 RT: 8.07 min Scan# 1011
 Delta R.T. -0.00 min
 Lab File: VW012758.D
 Acq: 08 Sep 2019 09:41

Tgt Ion: 117 Resp: 64559
 Ion Ratio Lower Upper
 117 100
 119 97.1 76.2 114.2
 121 31.3 25.4 38.2

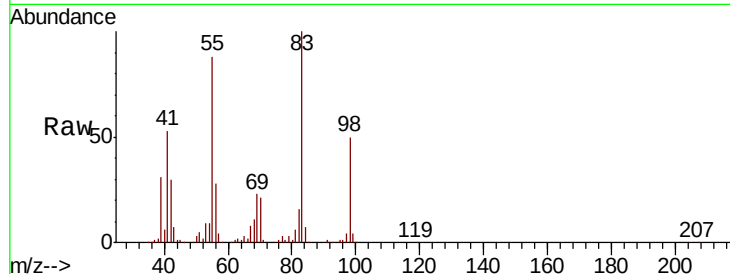




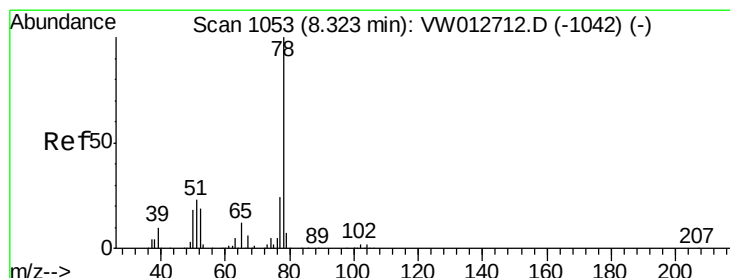
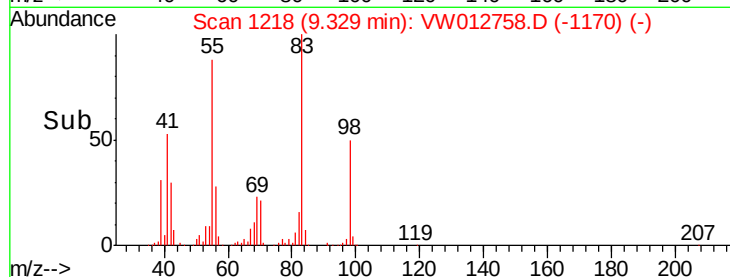
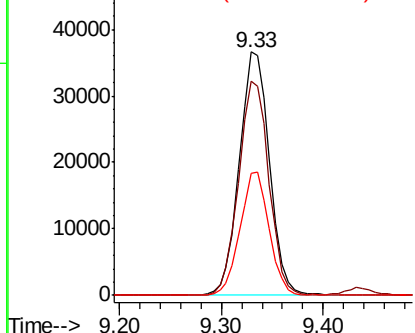
#39
Methylcyclohexane
Concen: 21.141 ug/l
RT: 9.33 min Scan# 1218
Delta R.T. -0.01 min
Lab File: VW012758.D
Acq: 08 Sep 2019 09:41

Instrument :
MSVOA_W
ClientSampleId :
VW0907SBSD02

Tgt Ion: 83 Resp: 75332
Ion Ratio Lower Upper
83 100
55 87.7 71.0 106.4
98 49.9 36.9 55.3

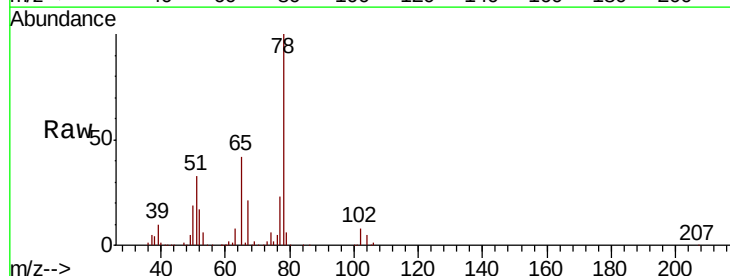


Abundance Ion 83.00 (82.70 to 83.70): VW
Ion 55.00 (54.70 to 55.70): VW
Ion 98.00 (97.70 to 98.70): VW

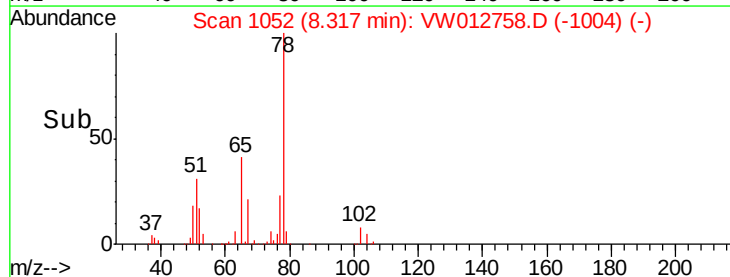
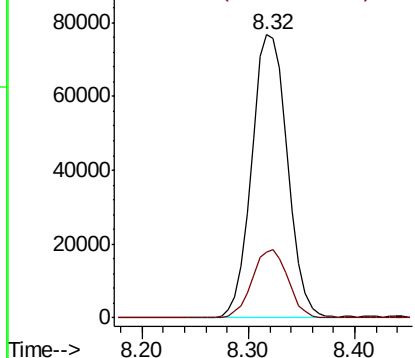


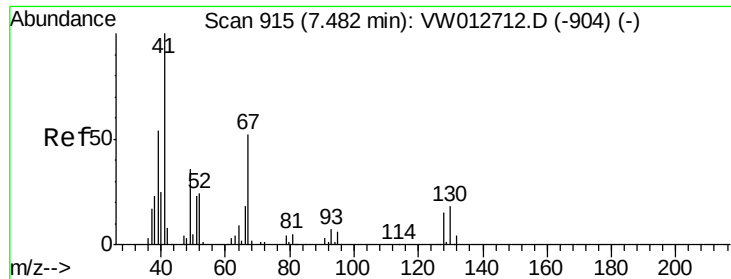
#40
Benzene
Concen: 20.539 ug/l
RT: 8.32 min Scan# 1052
Delta R.T. -0.01 min
Lab File: VW012758.D
Acq: 08 Sep 2019 09:41

Tgt Ion: 78 Resp: 180796
Ion Ratio Lower Upper
78 100
77 23.1 19.3 28.9



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

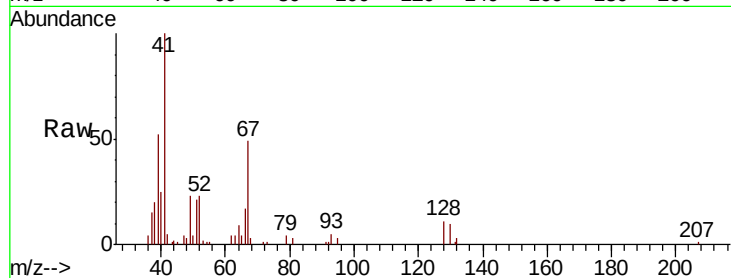




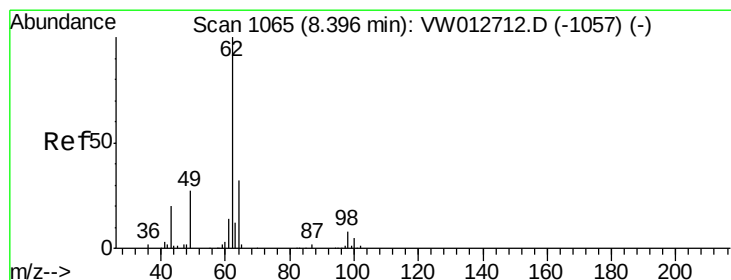
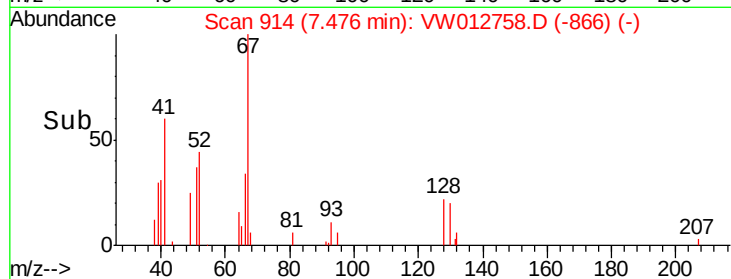
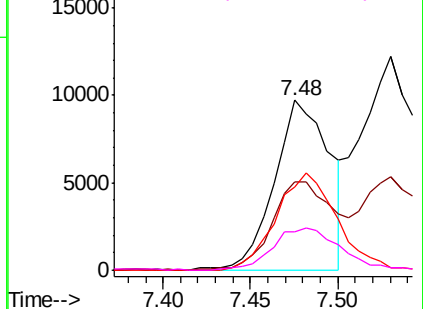
#41
Methacrylonitrile
Concen: 18.177 ug/l
RT: 7.48 min Scan# 914
Delta R.T. -0.01 min
Lab File: VW012758.D
Acq: 08 Sep 2019 09:41

Instrument :
MSVOA_W
ClientSampleId :
VW0907SBSD02

Tgt Ion:	41	Resp:	21351
Ion	Ratio	Lower	Upper
41	100		
39	60.3	47.5	71.3
67	63.3	45.1	67.7
52	30.7	20.2	30.2#

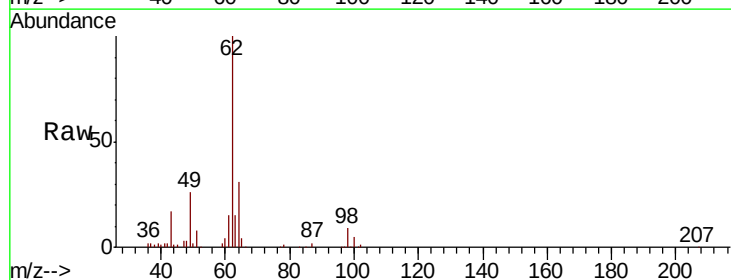


Abundance Ion 41.00 (40.70 to 41.70): VW
Ion 39.00 (38.70 to 39.70): VW
Ion 67.00 (66.70 to 67.70): VW
Ion 52.00 (51.70 to 52.70): VW

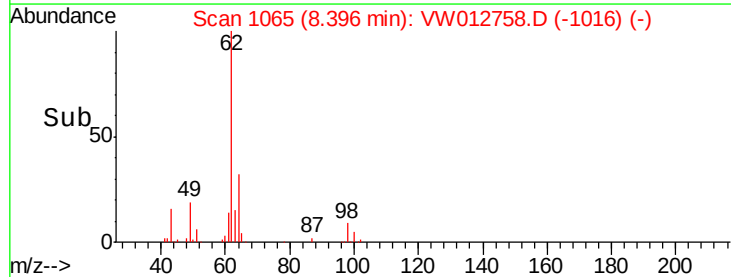
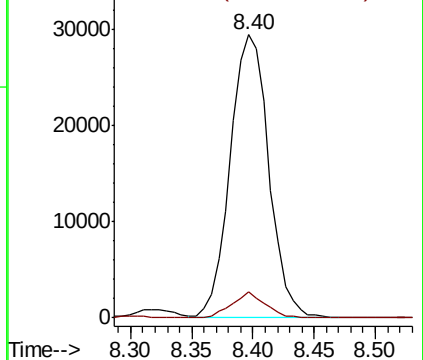


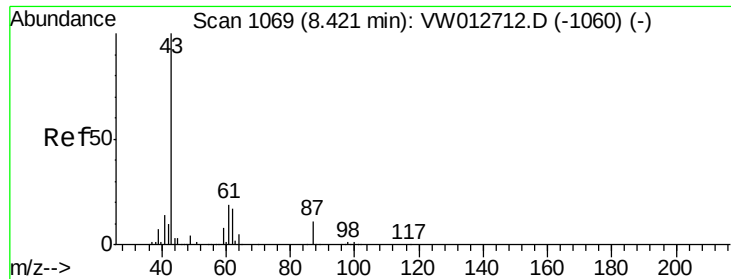
#42
1,2-Dichloroethane
Concen: 20.673 ug/l
RT: 8.40 min Scan# 1065
Delta R.T. -0.00 min
Lab File: VW012758.D
Acq: 08 Sep 2019 09:41

Tgt Ion:	62	Resp:	64044
Ion	Ratio	Lower	Upper
62	100		
98	8.0	0.0	16.2



Abundance Ion 61.90 (61.60 to 62.60): VW
Ion 97.90 (97.60 to 98.60): VW

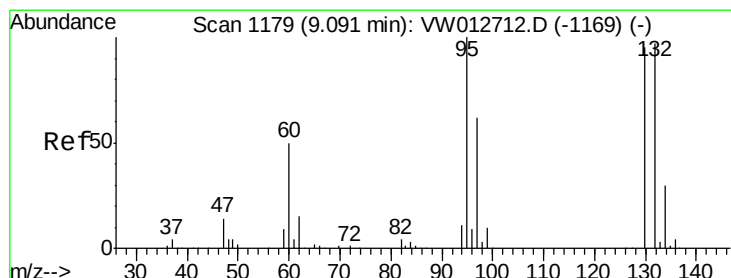
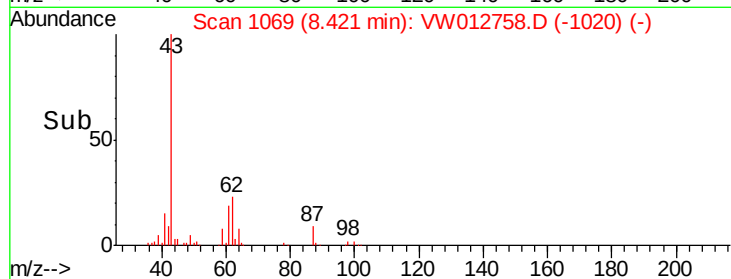
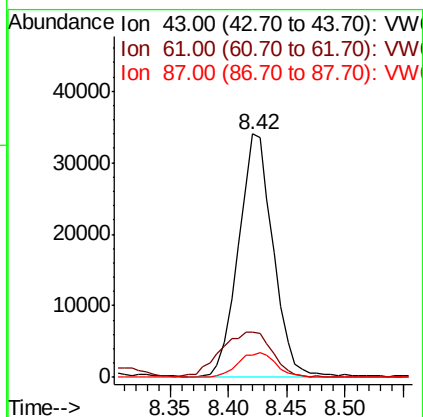
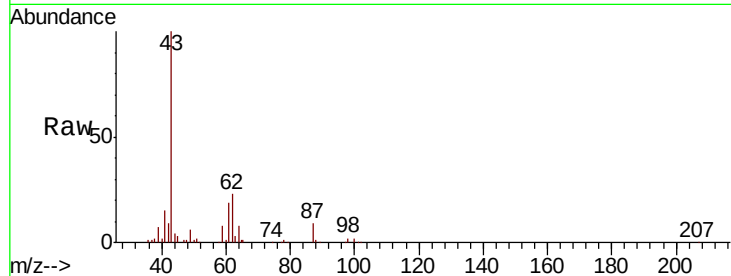




#43
Isopropyl Acetate
Concen: 18.231 ug/l
RT: 8.42 min Scan# 1069
Delta R.T. -0.00 min
Lab File: VW012758.D
Acq: 08 Sep 2019 09:41

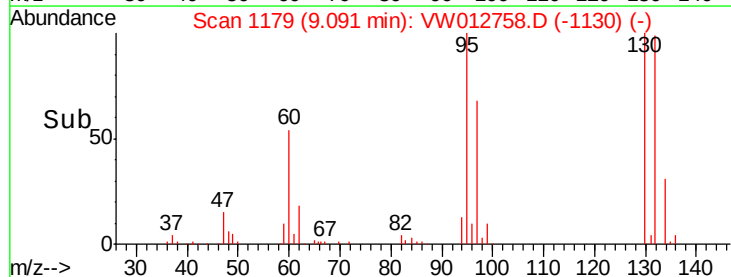
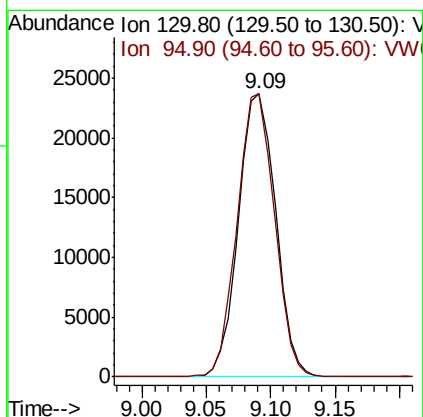
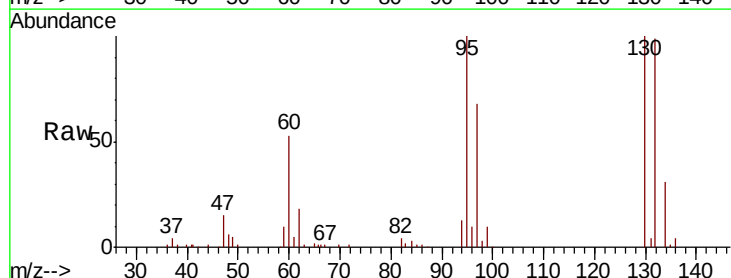
Instrument :
MSVOA_W
ClientSampleId :
VW0907SBSD02

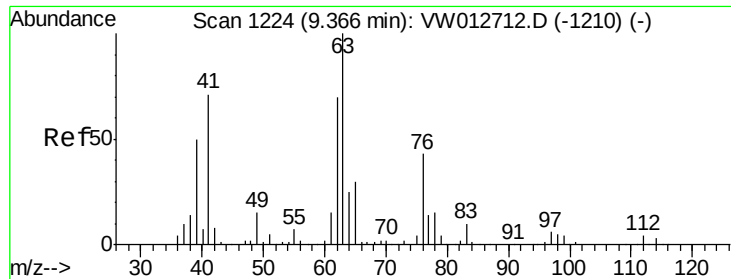
Tgt Ion: 43 Resp: 69855
Ion Ratio Lower Upper
43 100
61 28.4 20.6 30.8
87 11.2 8.6 13.0



#44
Trichloroethene
Concen: 20.965 ug/l
RT: 9.09 min Scan# 1179
Delta R.T. -0.00 min
Lab File: VW012758.D
Acq: 08 Sep 2019 09:41

Tgt Ion: 130 Resp: 47570
Ion Ratio Lower Upper
130 100
95 100.1 0.0 210.6

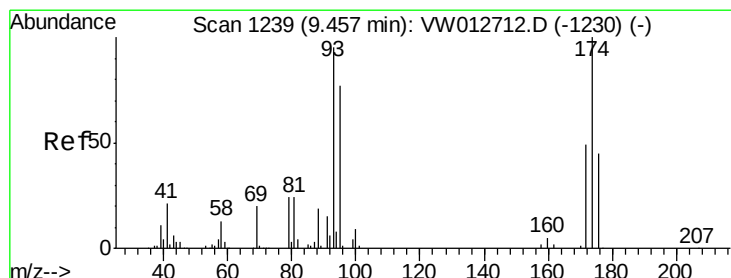
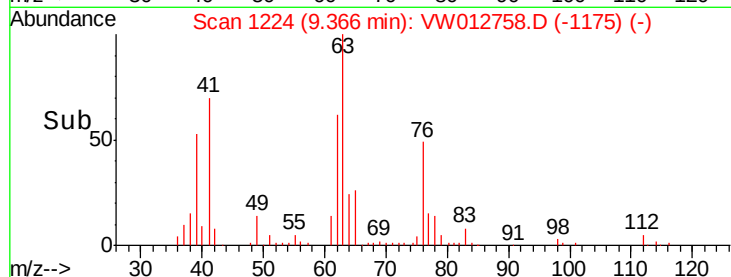
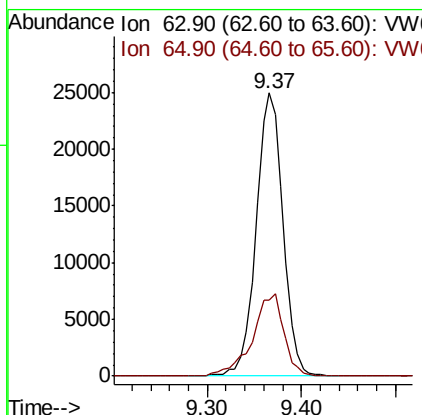
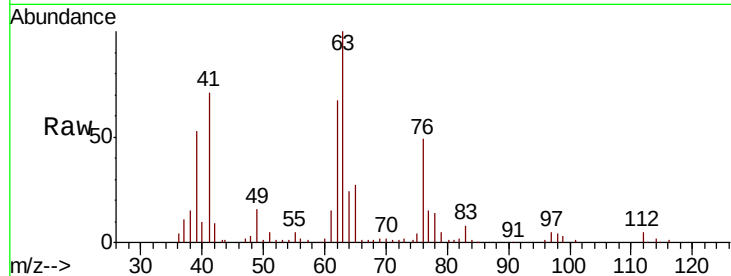




#45
 1,2-Dichloropropane
 Concen: 20.353 ug/l
 RT: 9.37 min Scan# 1224
 Delta R.T. -0.00 min
 Lab File: VW012758.D
 Acq: 08 Sep 2019 09:41

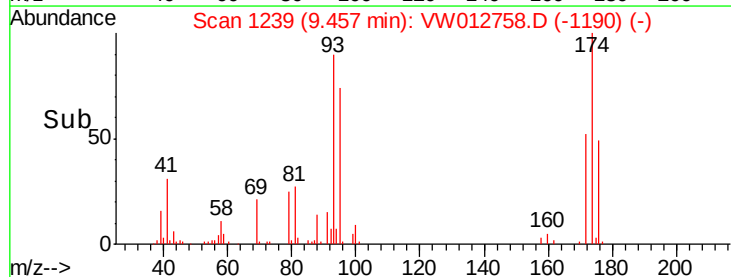
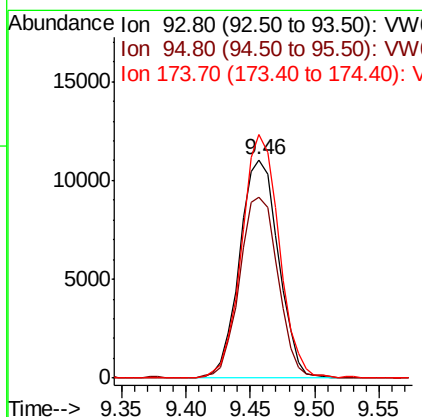
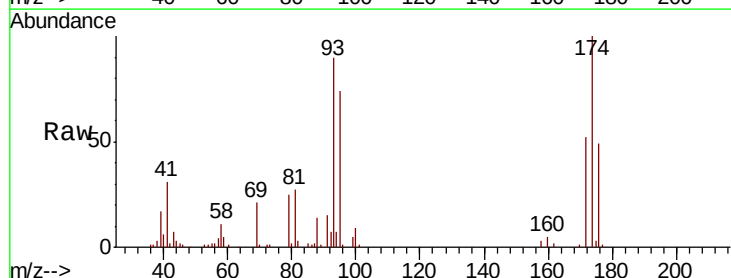
Instrument :
 MSVOA_W
 ClientSampled :
 VW0907SBSD02

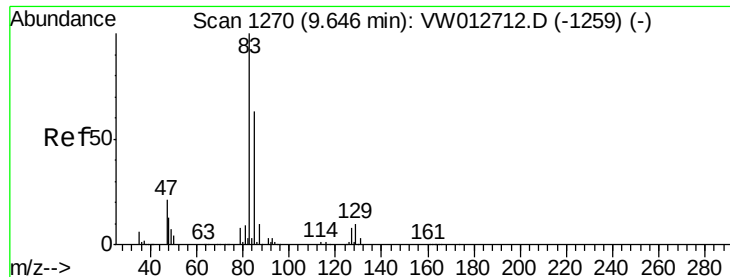
Tgt Ion: 63 Resp: 49690
 Ion Ratio Lower Upper
 63 100
 65 26.8 23.8 35.8



#46
 Dibromomethane
 Concen: 19.937 ug/l
 RT: 9.46 min Scan# 1239
 Delta R.T. -0.00 min
 Lab File: VW012758.D
 Acq: 08 Sep 2019 09:41

Tgt Ion: 93 Resp: 23049
 Ion Ratio Lower Upper
 93 100
 95 82.2 65.2 97.8
 174 107.4 84.2 126.4





#47

Bromodichloromethane

Concen: 19.648 ug/l

RT: 9.64 min Scan# 1269

Delta R.T. -0.01 min

Lab File: VW012758.D

Acq: 08 Sep 2019 09:41

Instrument :

MSVOA_W

ClientSampleId :

VW0907SBSD02

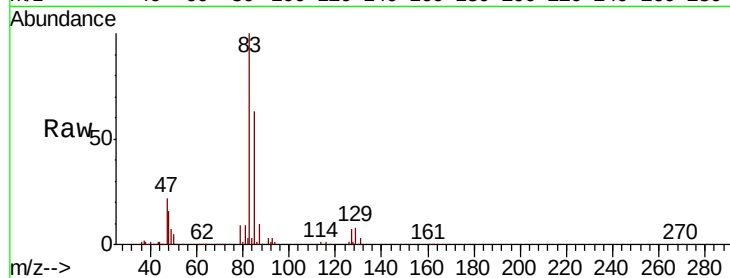
Tgt Ion: 83 Resp: 62493

Ion Ratio Lower Upper

83 100

85 63.1 50.2 75.2

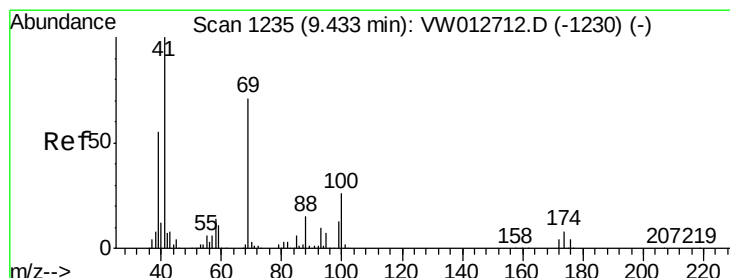
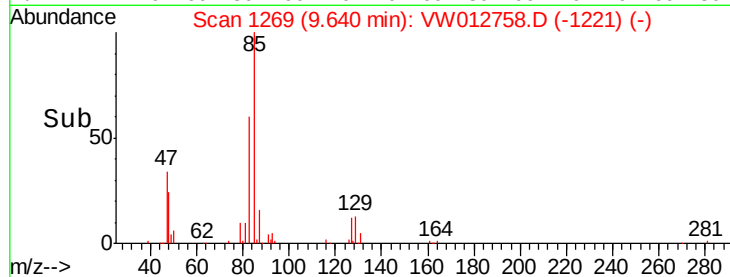
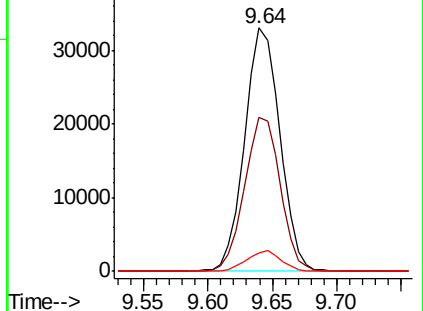
127 7.3 6.6 9.8



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: 17.783 ug/l

RT: 9.43 min Scan# 1235

Delta R.T. -0.00 min

Lab File: VW012758.D

Acq: 08 Sep 2019 09:41

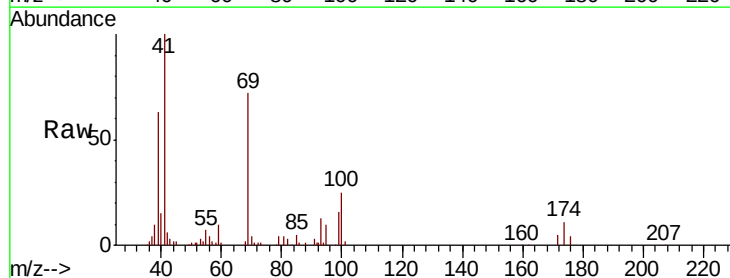
Tgt Ion: 41 Resp: 32562

Ion Ratio Lower Upper

41 100

69 71.8 59.8 89.8

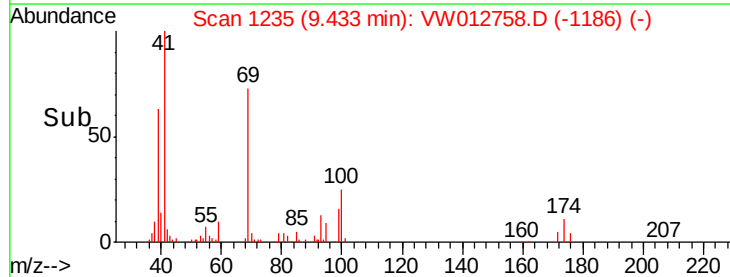
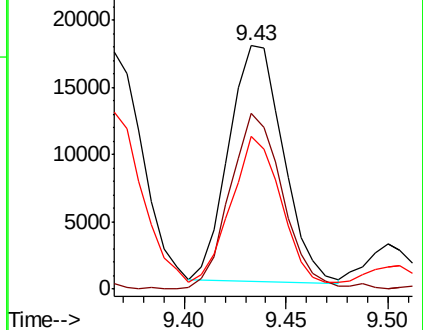
39 56.9 47.0 70.6

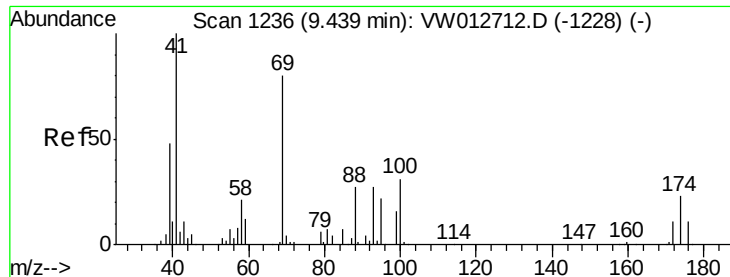


Abundance Ion 41.00 (40.70 to 41.70): VW

Ion 69.00 (68.70 to 69.70): VW

Ion 39.00 (38.70 to 39.70): VW

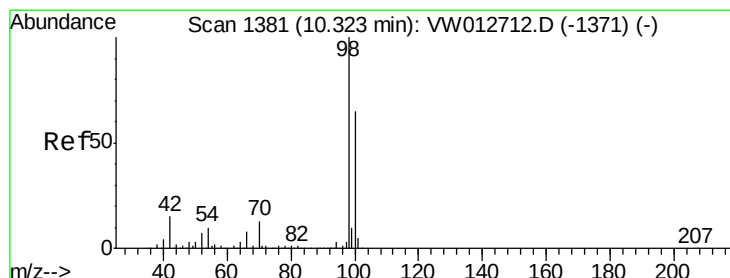
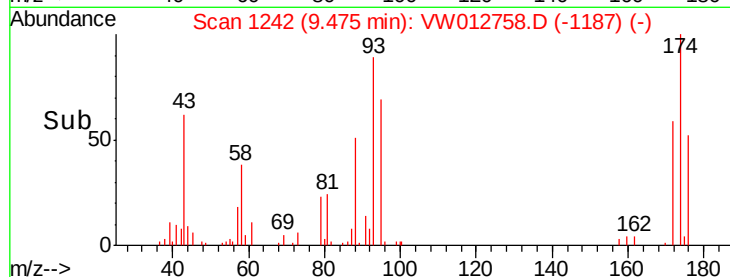
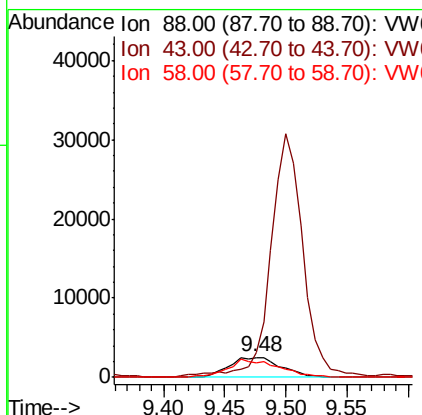
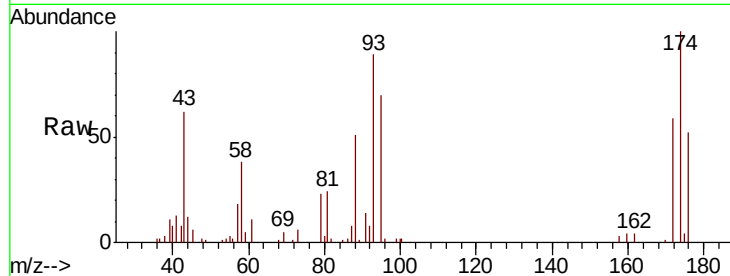




#49
 1,4-Dioxane
 Concen: 325.887 ug/l
 RT: 9.48 min Scan# 1242
 Delta R.T. 0.04 min
 Lab File: VW012758.D
 Acq: 08 Sep 2019 09:41

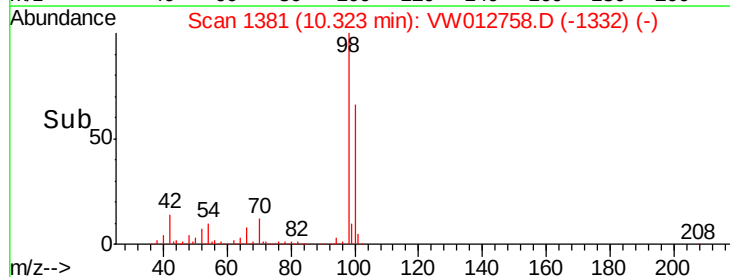
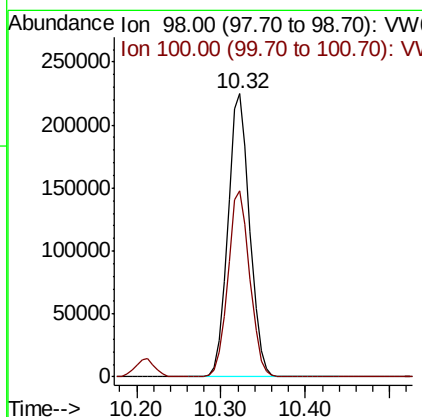
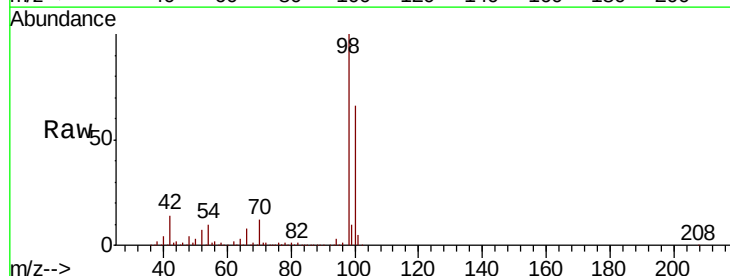
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0907SBSD02

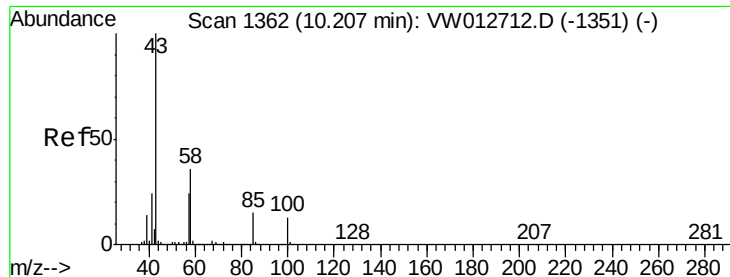
Tgt Ion: 88 Resp: 7442
 Ion Ratio Lower Upper
 88 100
 43 0.0 34.8 52.2#
 58 88.7 64.1 96.1



#50
 Toluene-d8
 Concen: 47.367 ug/l
 RT: 10.32 min Scan# 1381
 Delta R.T. -0.00 min
 Lab File: VW012758.D
 Acq: 08 Sep 2019 09:41

Tgt Ion: 98 Resp: 393946
 Ion Ratio Lower Upper
 98 100
 100 65.9 52.2 78.4

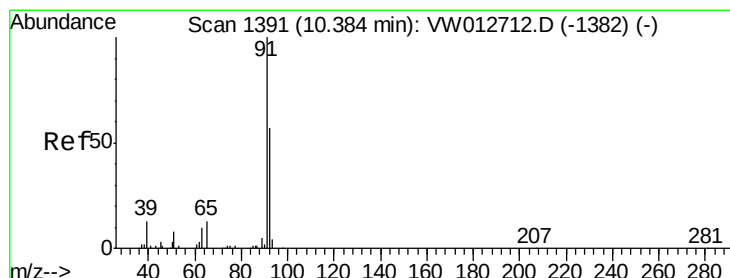
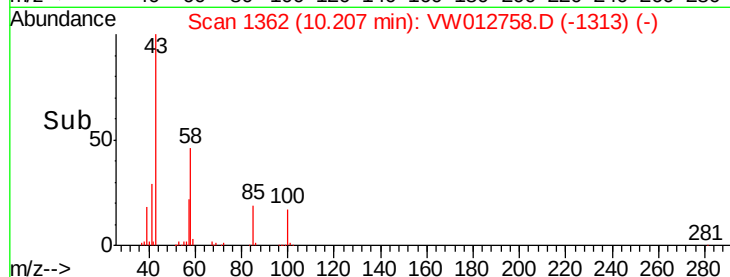
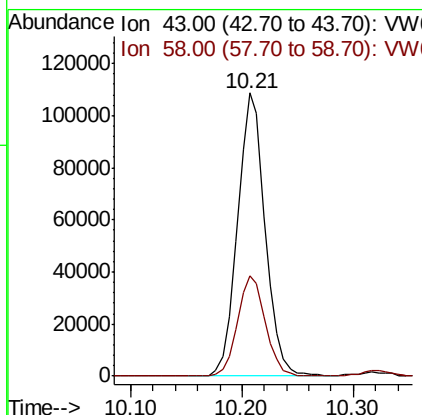
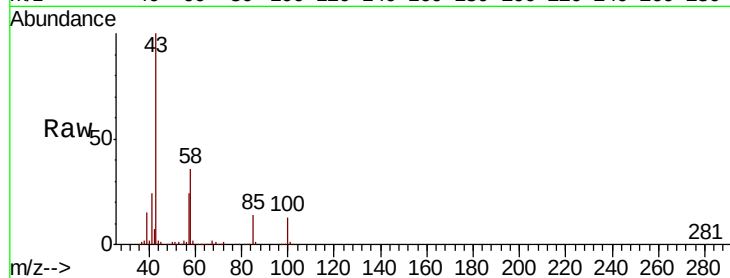




#51
 4-Methyl-2-Pentanone
 Concen: 92.071 ug/l
 RT: 10.21 min Scan# 1362
 Delta R.T. -0.00 min
 Lab File: VW012758.D
 Acq: 08 Sep 2019 09:41

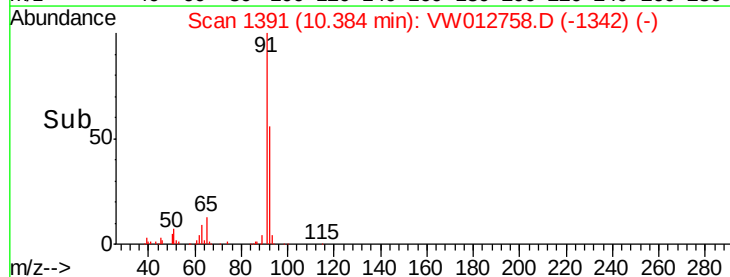
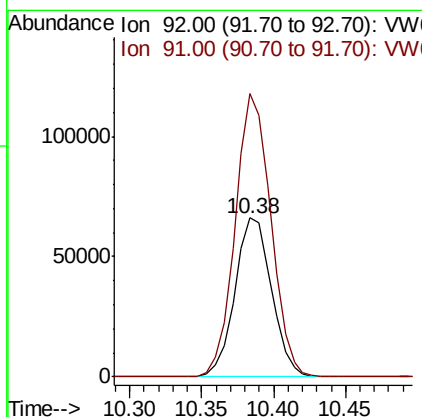
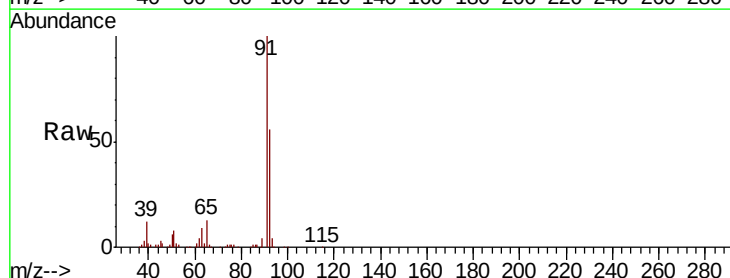
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0907SBS02

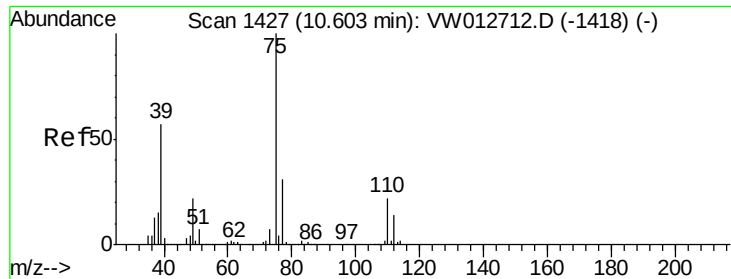
Tgt Ion: 43 Resp: 185116
 Ion Ratio Lower Upper
 43 100
 58 35.8 28.4 42.6



#52
 Toluene
 Concen: 21.263 ug/l
 RT: 10.38 min Scan# 1391
 Delta R.T. -0.00 min
 Lab File: VW012758.D
 Acq: 08 Sep 2019 09:41

Tgt Ion: 92 Resp: 116818
 Ion Ratio Lower Upper
 92 100
 91 173.8 137.0 205.4





#53

t-1,3-Dichloropropene

Concen: 19.650 ug/l

RT: 10.60 min Scan# 1427

Delta R.T. -0.00 min

Lab File: VW012758.D

Acq: 08 Sep 2019 09:41

Instrument :

MSVOA_W

ClientSampleId :

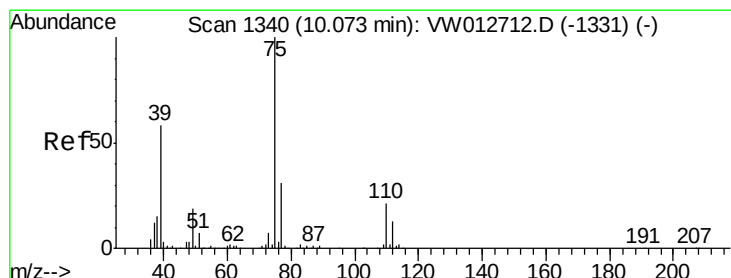
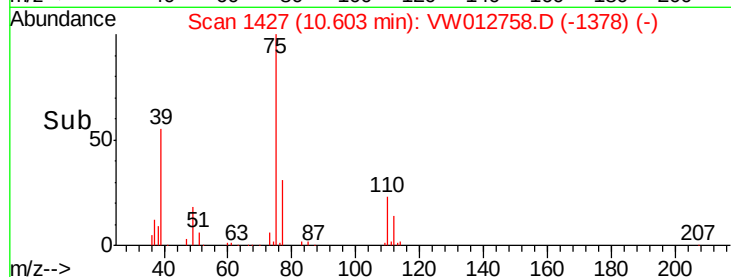
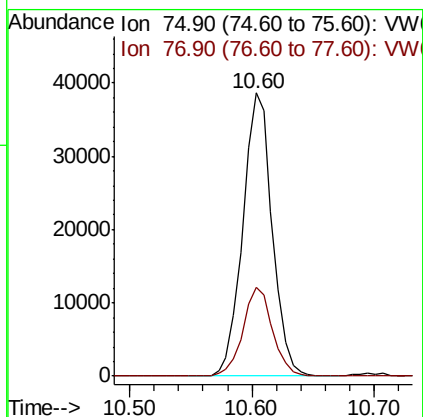
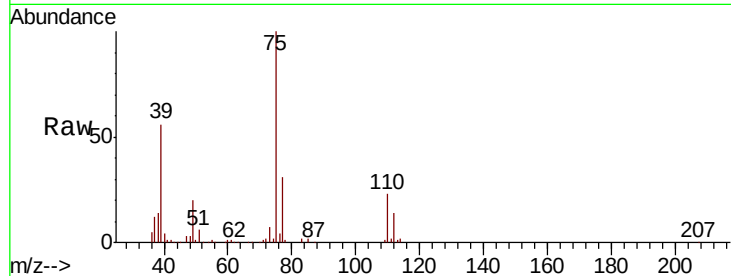
VW0907SBSD02

Tgt Ion: 75 Resp: 64267

Ion Ratio Lower Upper

75 100

77 31.4 24.7 37.1



#54

cis-1,3-Dichloropropene

Concen: 20.172 ug/l

RT: 10.07 min Scan# 1340

Delta R.T. -0.00 min

Lab File: VW012758.D

Acq: 08 Sep 2019 09:41

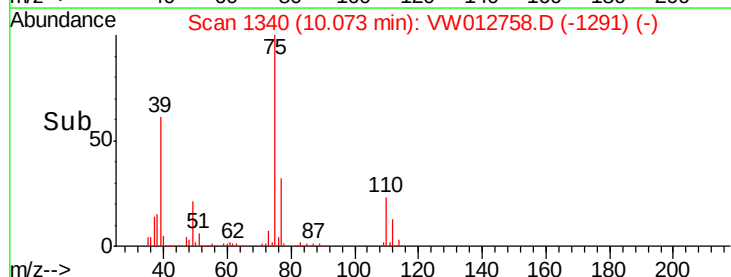
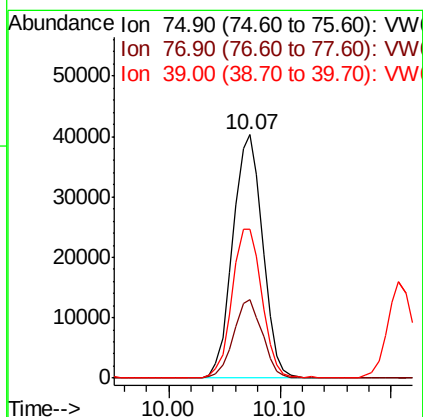
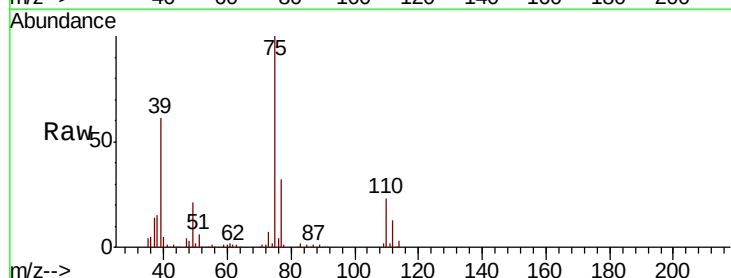
Tgt Ion: 75 Resp: 74841

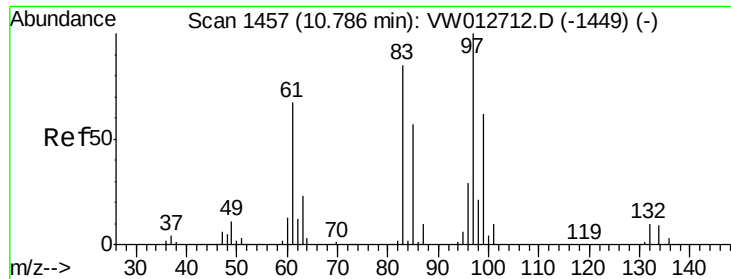
Ion Ratio Lower Upper

75 100

77 32.3 24.6 36.8

39 61.0 46.3 69.5

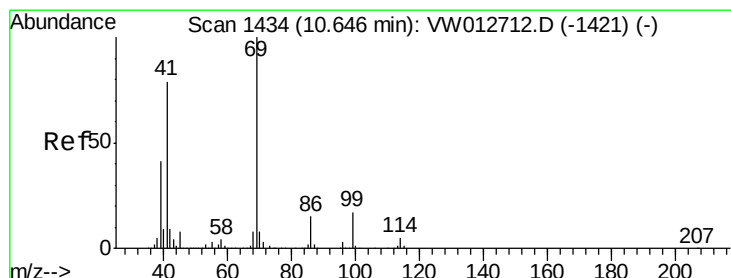
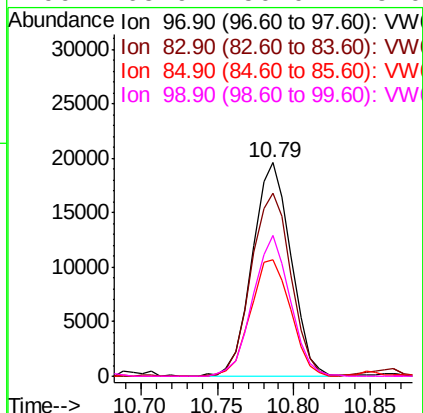
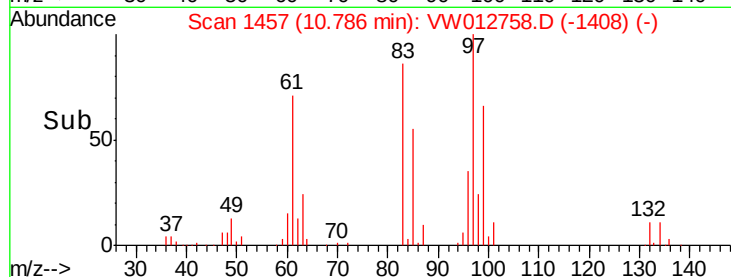
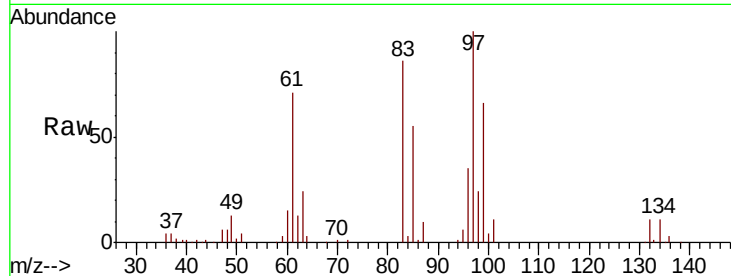




#55
 1,1,2-Trichloroethane
 Concen: 19.946 ug/l
 RT: 10.79 min Scan# 1457
 Delta R.T. -0.00 min
 Lab File: VW012758.D
 Acq: 08 Sep 2019 09:41

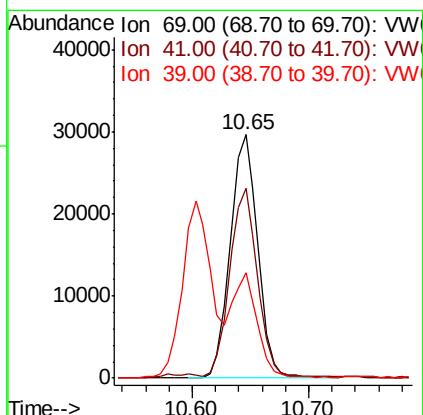
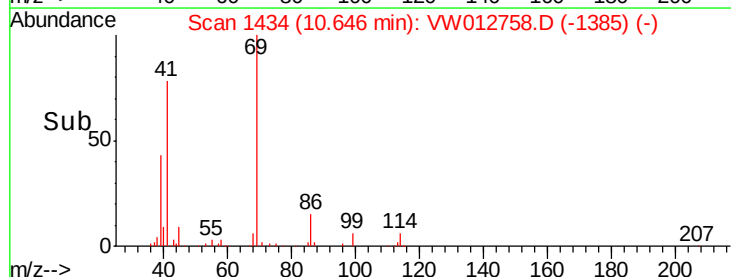
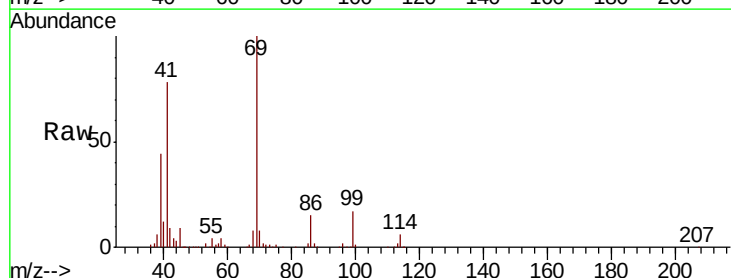
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0907SBSD02

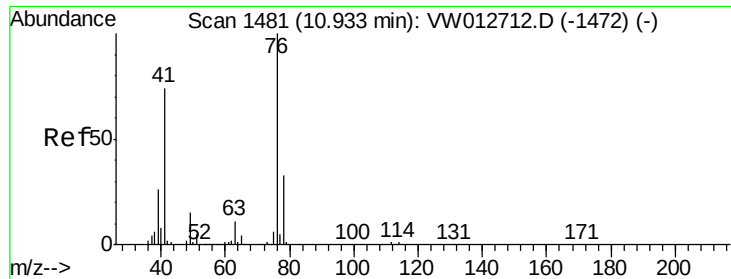
Tgt Ion:	97	Resp:	34523
Ion	Ratio	Lower	Upper
97	100		
83	85.5	68.1	102.1
85	54.5	45.3	67.9
99	65.9	50.0	75.0



#56
 Ethyl methacrylate
 Concen: 19.291 ug/l
 RT: 10.65 min Scan# 1434
 Delta R.T. -0.00 min
 Lab File: VW012758.D
 Acq: 08 Sep 2019 09:41

Tgt Ion:	69	Resp:	48874
Ion	Ratio	Lower	Upper
69	100		
41	77.2	64.4	96.6
39	38.4	31.1	46.7

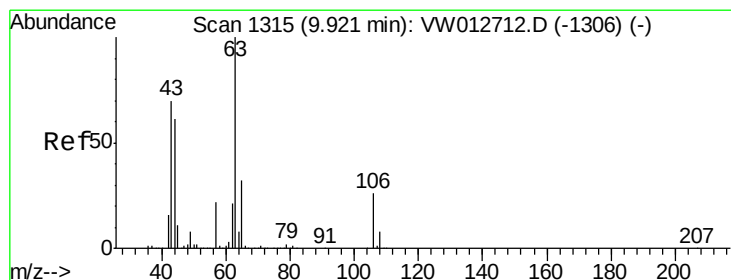
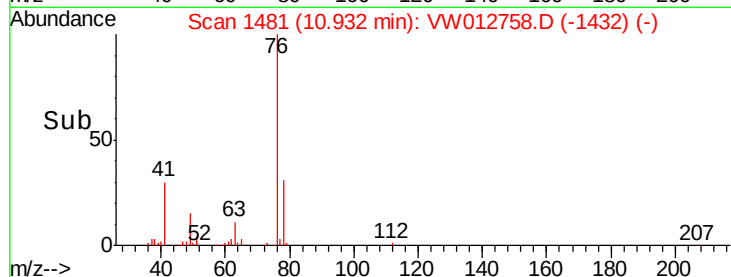
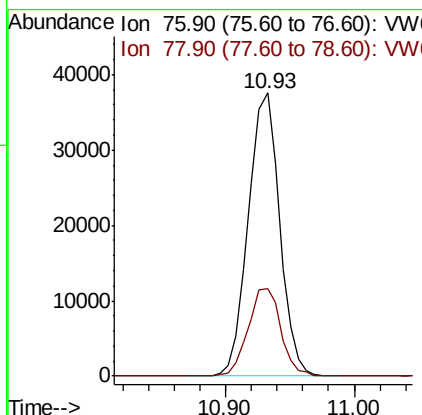
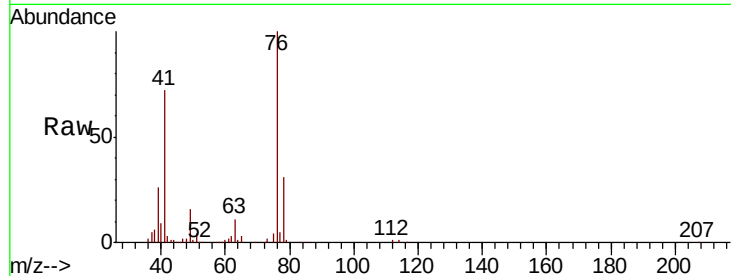




#57
 1,3-Dichloropropane
 Concen: 19.691 ug/l
 RT: 10.93 min Scan# 1481
 Delta R.T. -0.00 min
 Lab File: VW012758.D
 Acq: 08 Sep 2019 09:41

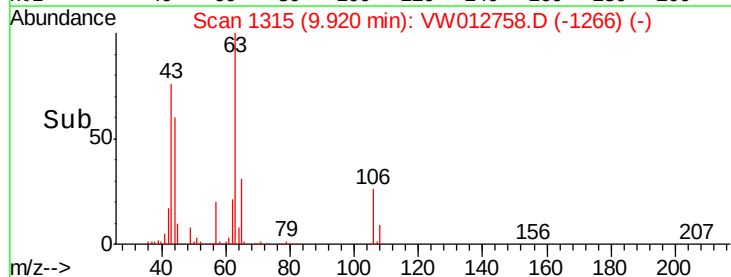
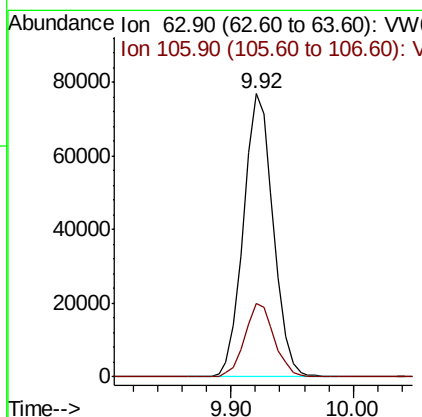
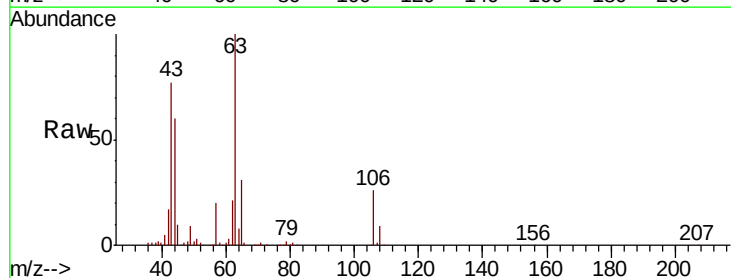
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0907SBSD02

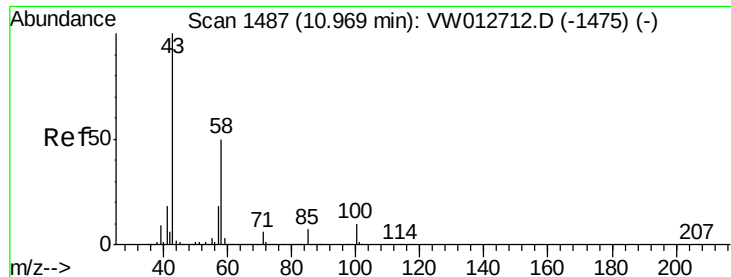
Tgt Ion: 76 Resp: 63050
 Ion Ratio Lower Upper
 76 100
 78 32.2 25.9 38.9



#58
 2-Chloroethyl Vinyl ether
 Concen: 96.433 ug/l
 RT: 9.92 min Scan# 1315
 Delta R.T. -0.00 min
 Lab File: VW012758.D
 Acq: 08 Sep 2019 09:41

Tgt Ion: 63 Resp: 129704
 Ion Ratio Lower Upper
 63 100
 106 25.7 20.5 30.7

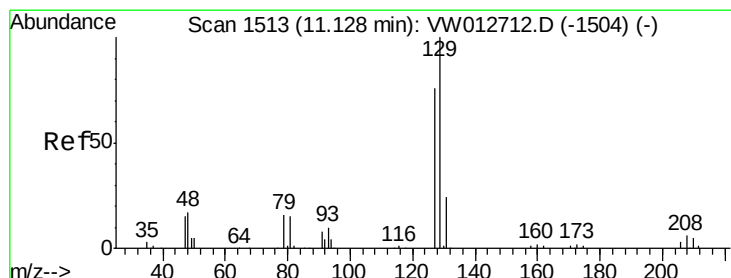
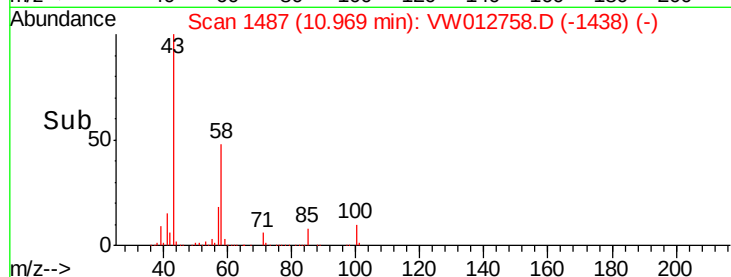
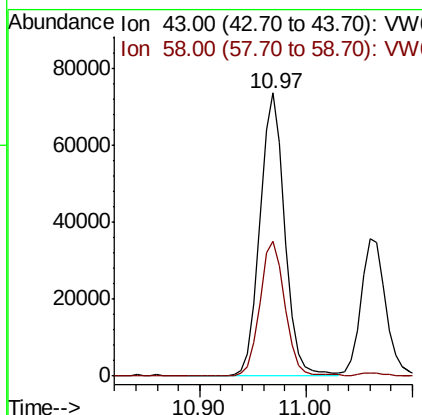
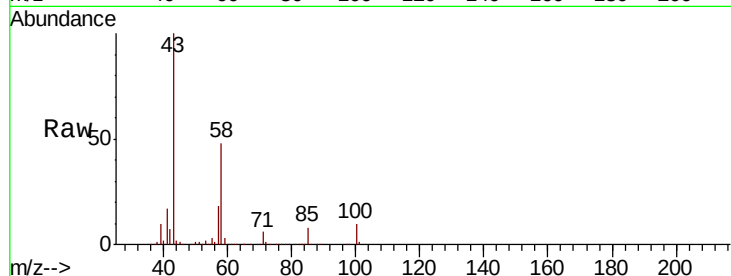




#59
2-Hexanone
Concen: 81.761 ug/l
RT: 10.97 min Scan# 1487
Delta R.T. -0.00 min
Lab File: VW012758.D
Acq: 08 Sep 2019 09:41

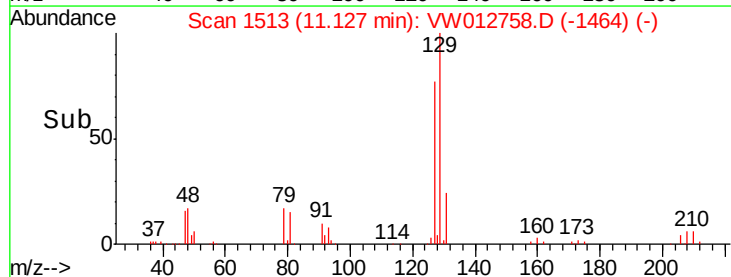
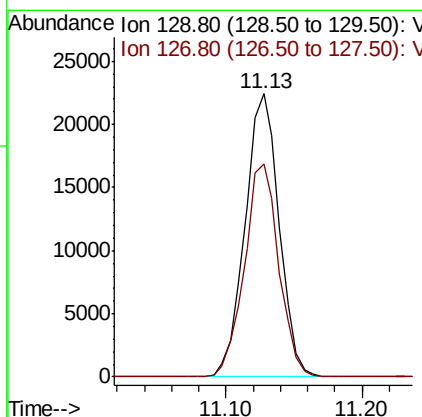
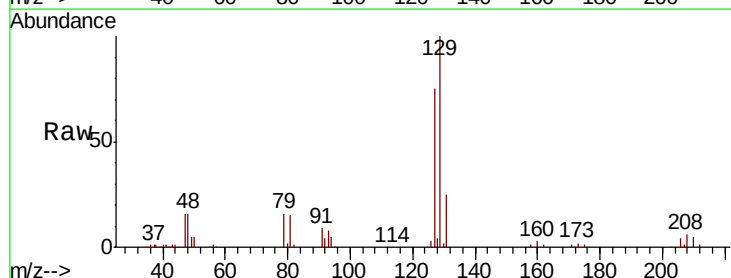
Instrument :
MSVOA_W
ClientSampleId :
VW0907SBSD02

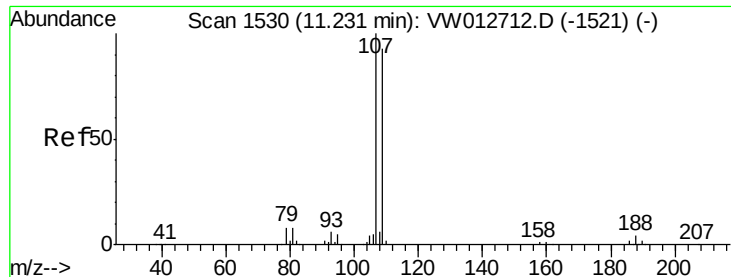
Tgt Ion: 43 Resp: 120099
Ion Ratio Lower Upper
43 100
58 48.4 24.7 74.1



#60
Dibromochloromethane
Concen: 19.331 ug/l
RT: 11.13 min Scan# 1513
Delta R.T. -0.00 min
Lab File: VW012758.D
Acq: 08 Sep 2019 09:41

Tgt Ion: 129 Resp: 39349
Ion Ratio Lower Upper
129 100
127 75.9 38.6 115.8

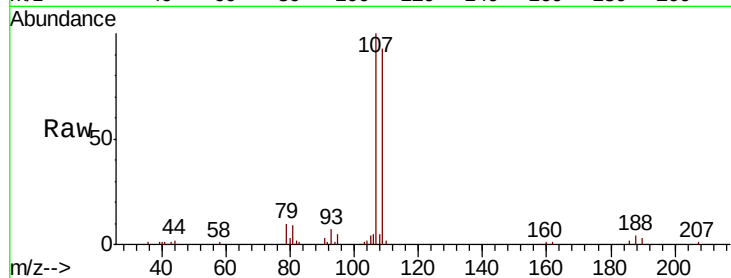




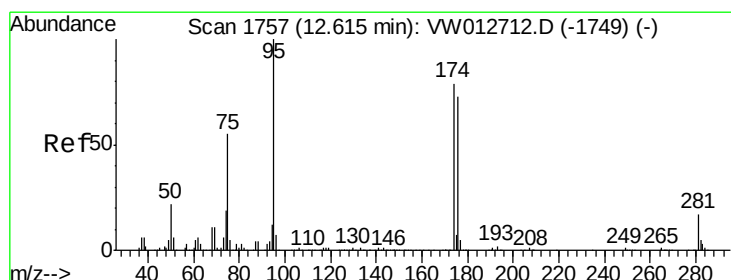
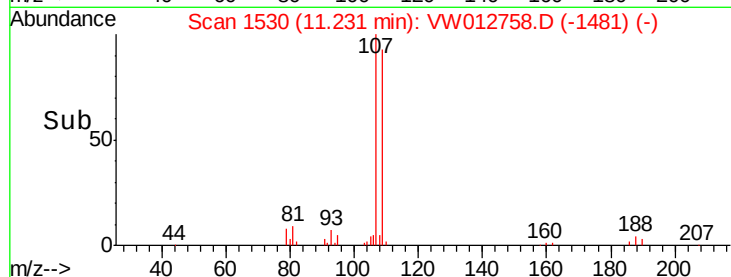
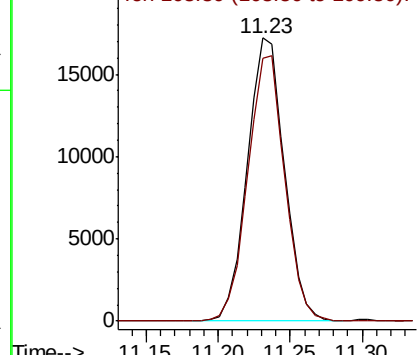
#61
 1,2-Dibromoethane
 Concen: 19.193 ug/l
 RT: 11.23 min Scan# 1530
 Delta R.T. -0.00 min
 Lab File: VW012758.D
 Acq: 08 Sep 2019 09:41

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0907SBSD02

Tgt Ion: 107 Resp: 30456
 Ion Ratio Lower Upper
 107 100
 109 93.9 75.0 112.6

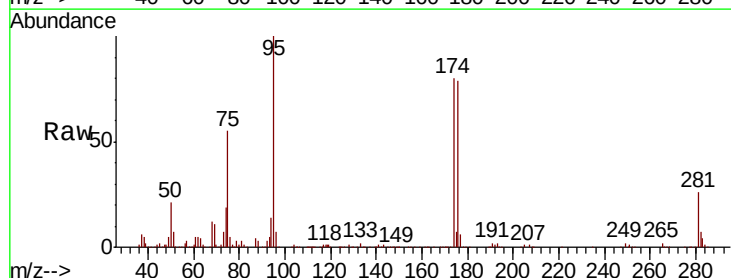


Abundance Ion 106.90 (106.60 to 107.60): V
 20000 Ion 108.80 (108.50 to 109.50): V

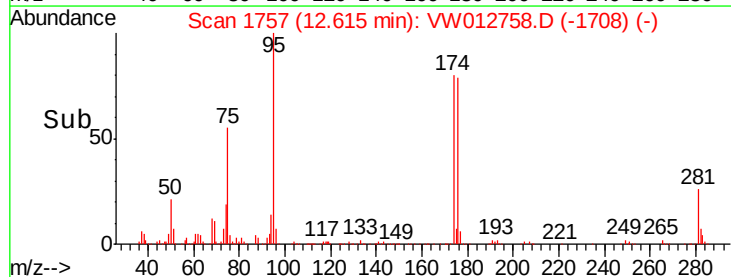
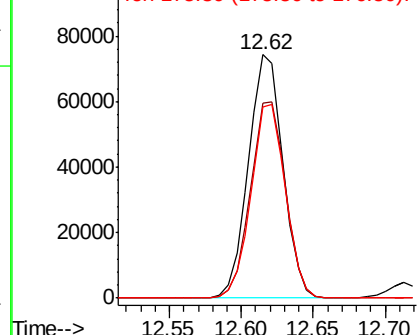


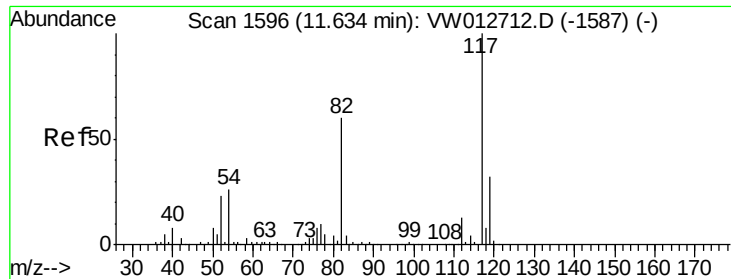
#62
 4-Bromofluorobenzene
 Concen: 40.660 ug/l
 RT: 12.62 min Scan# 1757
 Delta R.T. -0.00 min
 Lab File: VW012758.D
 Acq: 08 Sep 2019 09:41

Tgt Ion: 95 Resp: 122762
 Ion Ratio Lower Upper
 95 100
 174 82.0 0.0 161.0
 176 79.3 0.0 156.4



Abundance Ion 94.90 (94.60 to 95.60): VW
 100000 Ion 173.80 (173.50 to 174.50): V
 Ion 175.80 (175.50 to 176.50): V

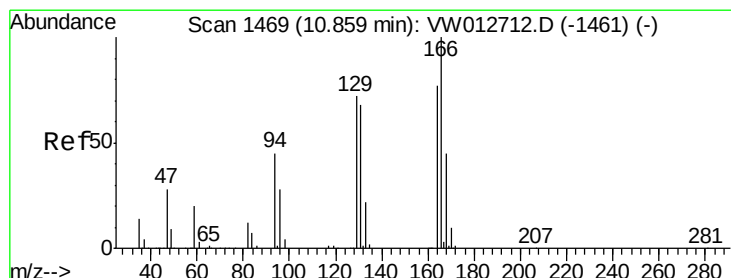
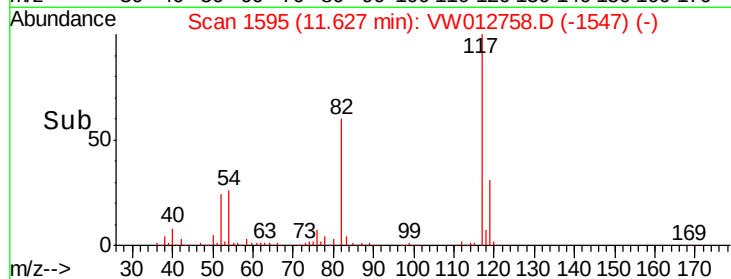
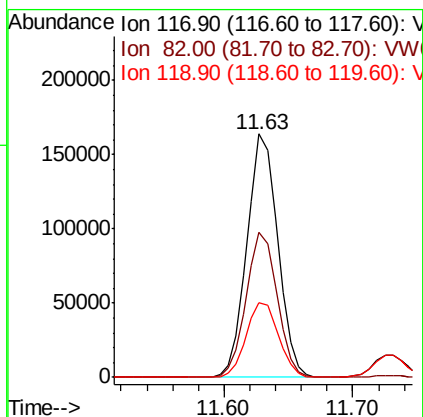
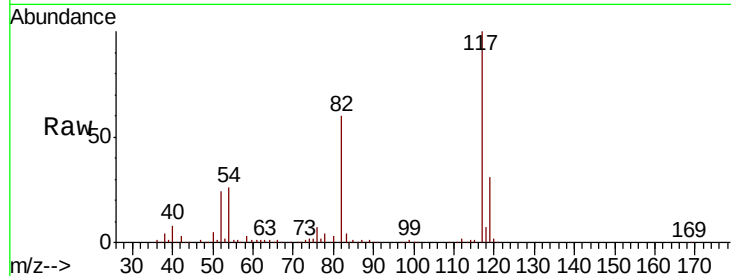




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1595
Delta R.T. -0.01 min
Lab File: VW012758.D
Acq: 08 Sep 2019 09:41

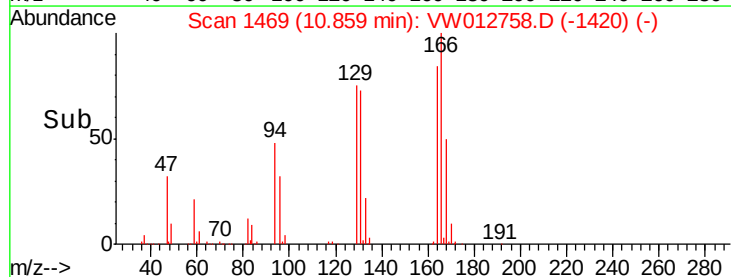
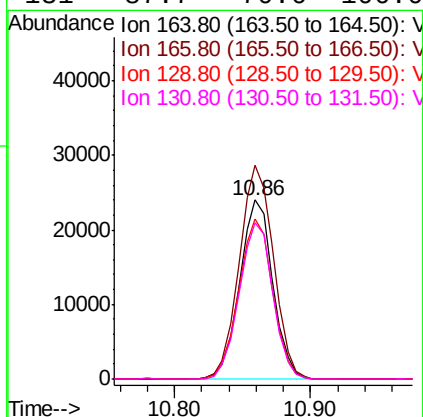
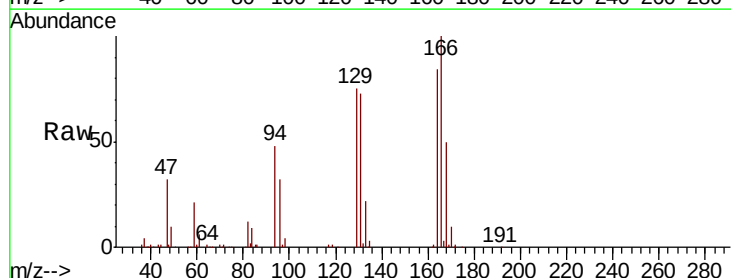
Instrument :
MSVOA_W
ClientSampleId :
VW0907SBSD02

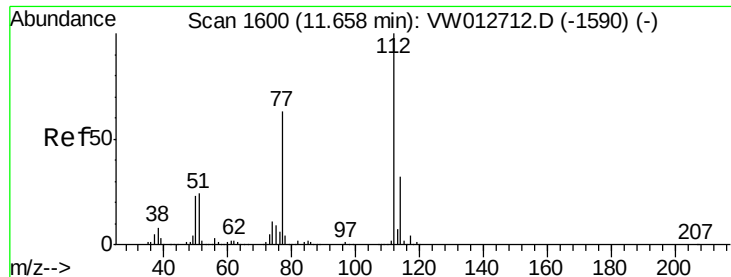
Tgt Ion:117 Resp: 271383
Ion Ratio Lower Upper
117 100
82 59.7 48.2 72.4
119 30.6 25.8 38.6



#64
Tetrachloroethene
Concen: 24.728 ug/l
RT: 10.86 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VW012758.D
Acq: 08 Sep 2019 09:41

Tgt Ion:164 Resp: 40720
Ion Ratio Lower Upper
164 100
166 119.5 103.6 155.4
129 89.7 74.6 112.0
131 87.7 70.6 106.0

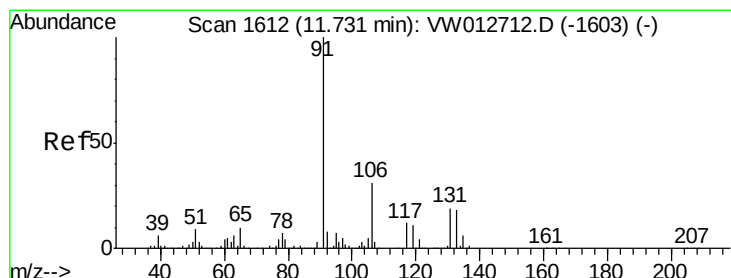
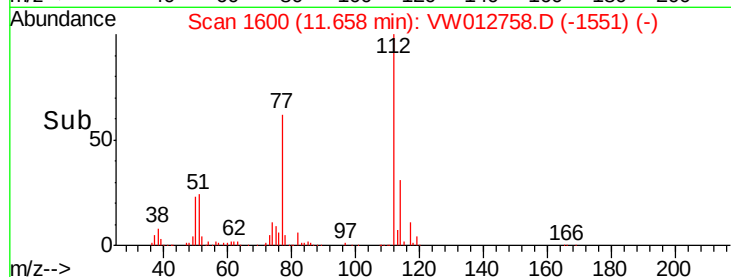
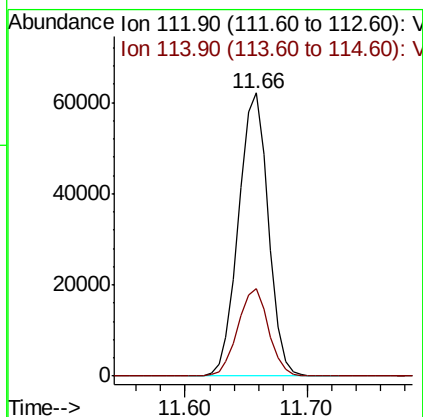
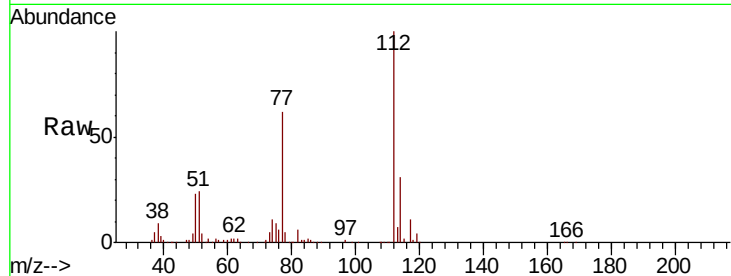




#65
Chlorobenzene
Concen: 20.399 ug/l
RT: 11.66 min Scan# 1600
Delta R.T. -0.00 min
Lab File: VW012758.D
Acq: 08 Sep 2019 09:41

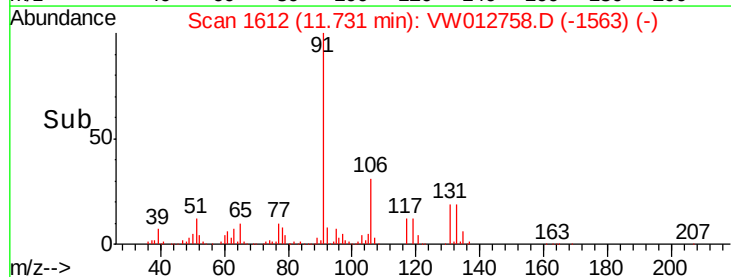
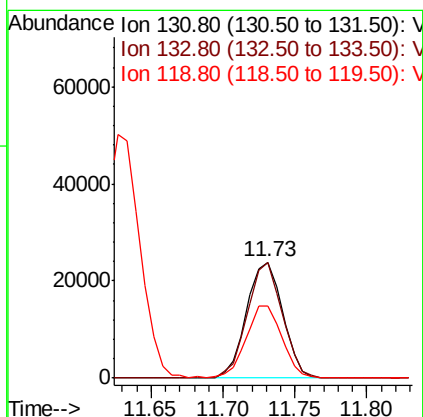
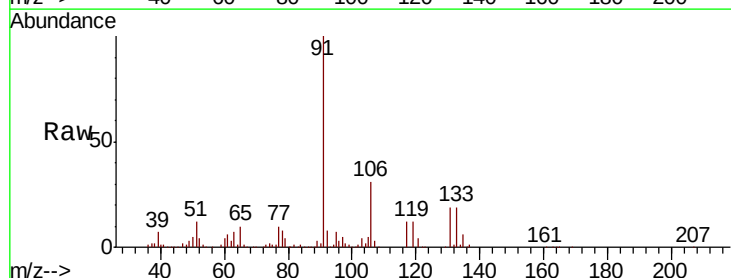
Instrument :
MSVOA_W
ClientSampleId :
VW0907SBSD02

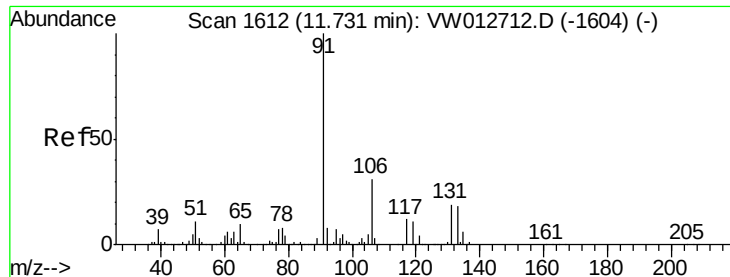
Tgt Ion:112 Resp: 104632
Ion Ratio Lower Upper
112 100
114 30.8 25.3 37.9



#66
1,1,1,2-Tetrachloroethane
Concen: 21.705 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. -0.00 min
Lab File: VW012758.D
Acq: 08 Sep 2019 09:41

Tgt Ion:131 Resp: 41459
Ion Ratio Lower Upper
131 100
133 96.4 47.6 142.8
119 62.1 30.6 92.0





#67

Ethyl Benzene

Concen: 21.862 ug/l

RT: 11.73 min Scan# 1612

Delta R.T. -0.00 min

Lab File: VW012758.D

Acq: 08 Sep 2019 09:41

Instrument :

MSVOA_W

ClientSampleId :

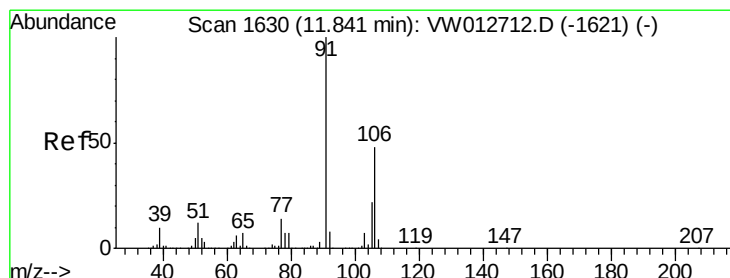
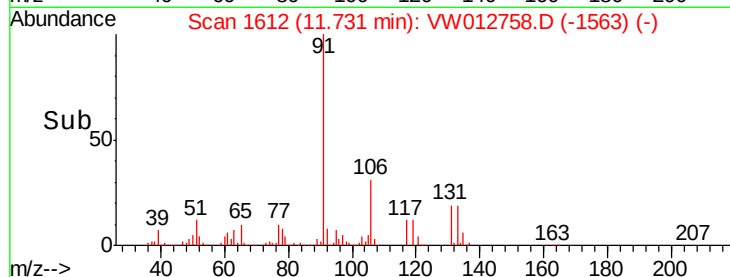
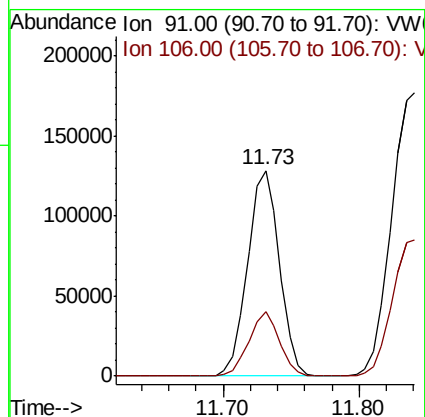
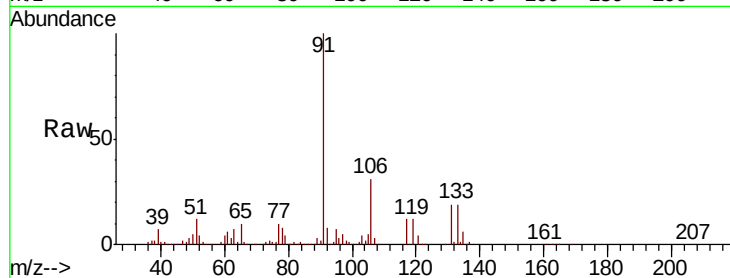
VW0907SBSD02

Tgt Ion: 91 Resp: 210390

Ion Ratio Lower Upper

91 100

106 31.4 24.4 36.6



#68

m/p-Xylenes

Concen: 46.352 ug/l

RT: 11.84 min Scan# 1630

Delta R.T. -0.00 min

Lab File: VW012758.D

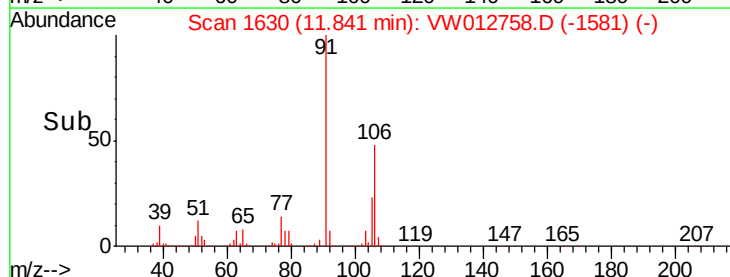
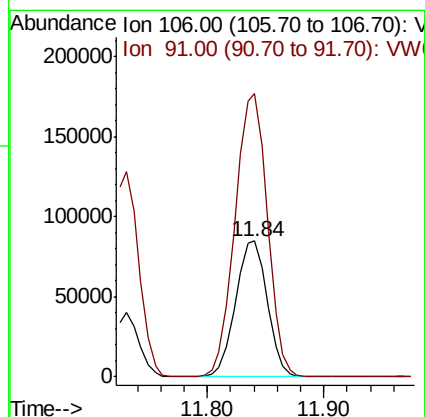
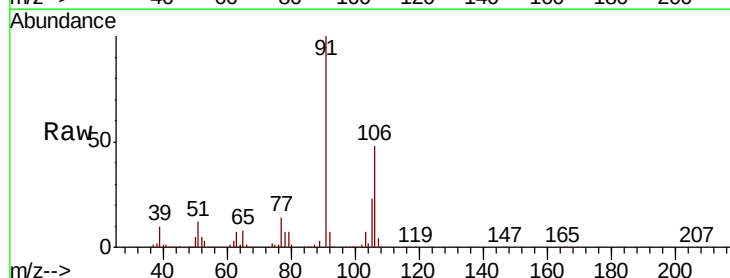
Acq: 08 Sep 2019 09:41

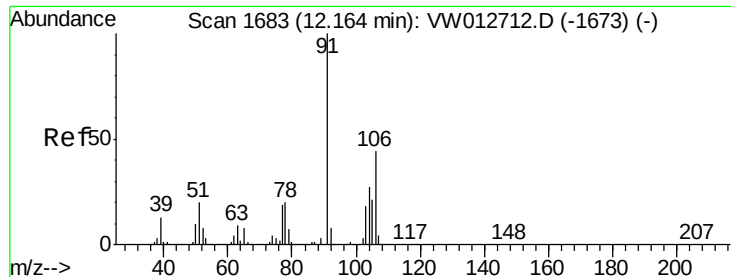
Tgt Ion: 106 Resp: 161012

Ion Ratio Lower Upper

106 100

91 213.0 168.2 252.4

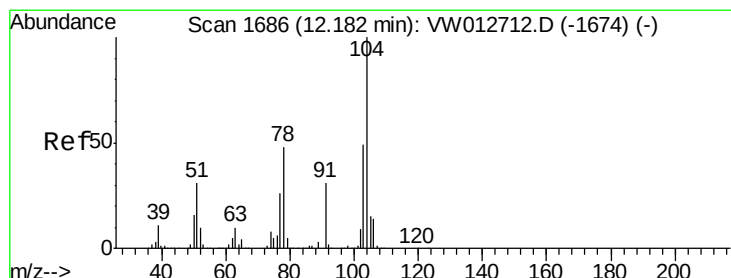
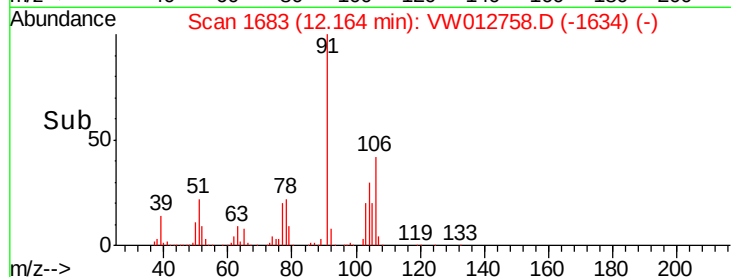
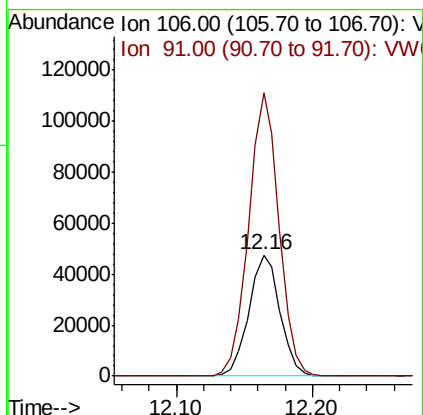
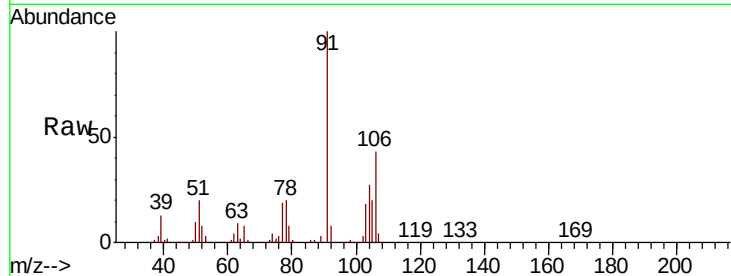




#69
o-Xylene
Concen: 23.193 ug/l
RT: 12.16 min Scan# 1683
Delta R.T. -0.00 min
Lab File: VW012758.D
Acq: 08 Sep 2019 09:41

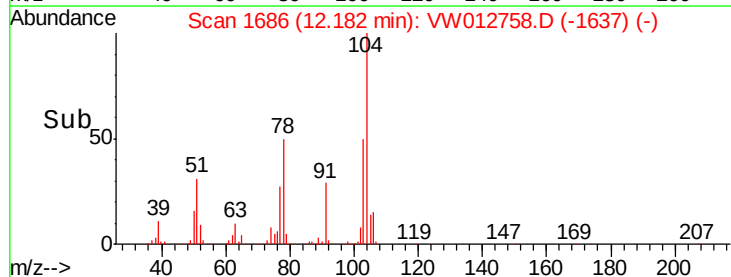
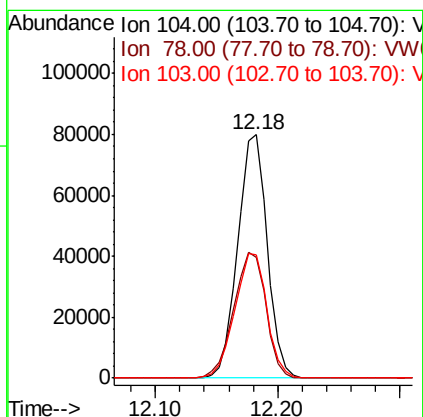
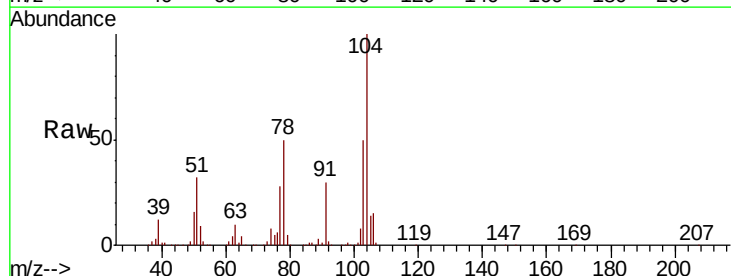
Instrument :
MSVOA_W
ClientSampleId :
VW0907SBSD02

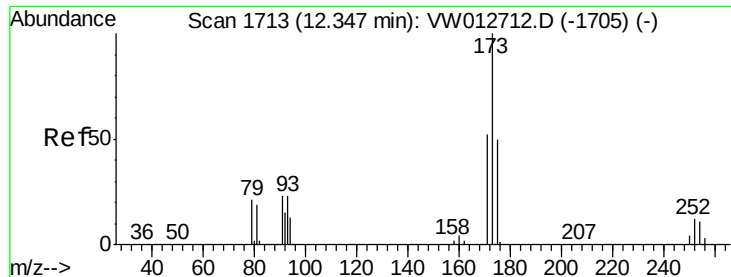
Tgt Ion:106 Resp: 76008
Ion Ratio Lower Upper
106 100
91 227.7 112.3 336.8



#70
Styrene
Concen: 23.041 ug/l
RT: 12.18 min Scan# 1686
Delta R.T. -0.00 min
Lab File: VW012758.D
Acq: 08 Sep 2019 09:41

Tgt Ion:104 Resp: 133429
Ion Ratio Lower Upper
104 100
78 56.5 43.3 64.9
103 55.7 44.0 66.0





#71

Bromoform

Concen: 21.968 ug/l

RT: 12.35 min Scan# 1713

Delta R.T. -0.00 min

Lab File: VW012758.D

Acq: 08 Sep 2019 09:41

Instrument :

MSVOA_W

ClientSampleId :

VW0907SBSD02

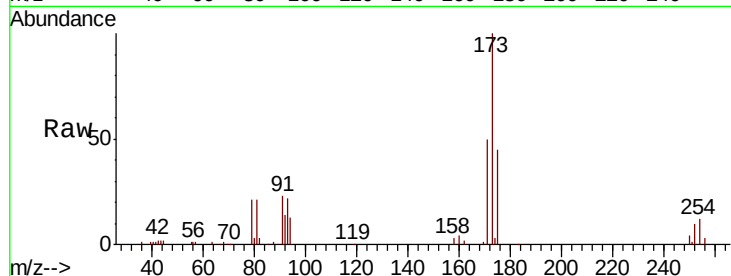
Tgt Ion:173 Resp: 23314

Ion Ratio Lower Upper

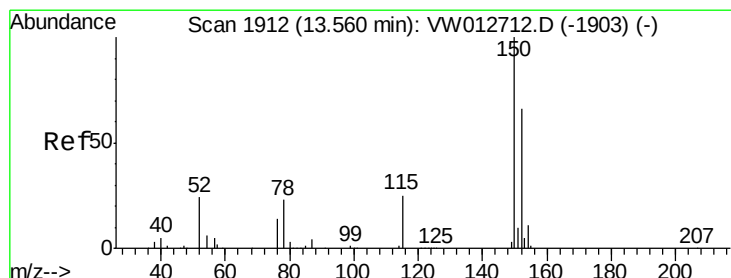
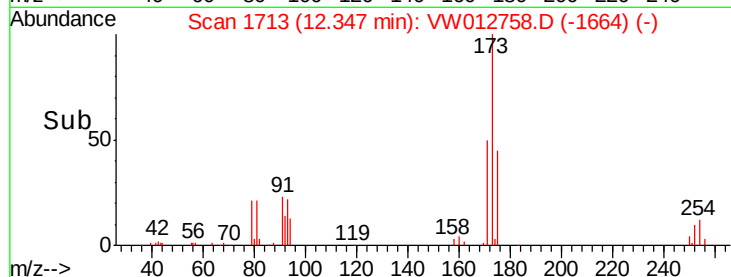
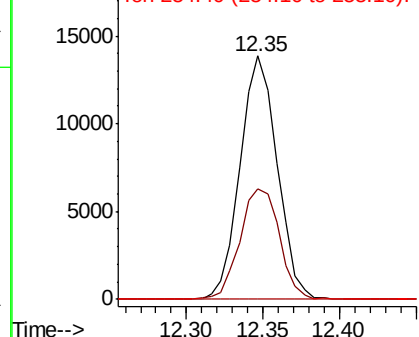
173 100

175 48.3 24.8 74.3

254 0.0 0.1 0.1#



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



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.56 min Scan# 1912

Delta R.T. -0.00 min

Lab File: VW012758.D

Acq: 08 Sep 2019 09:41

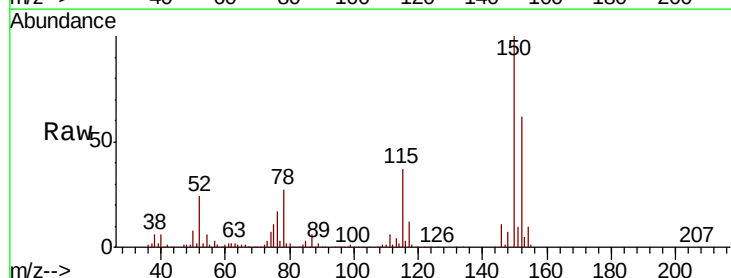
Tgt Ion:152 Resp: 154270

Ion Ratio Lower Upper

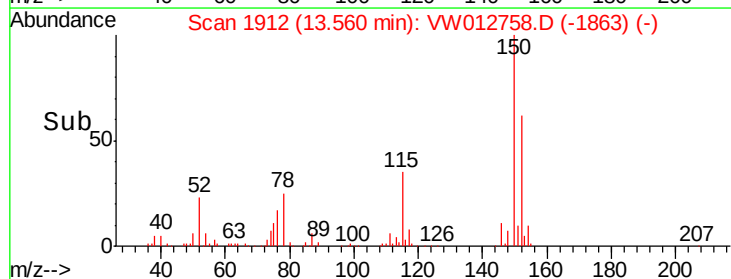
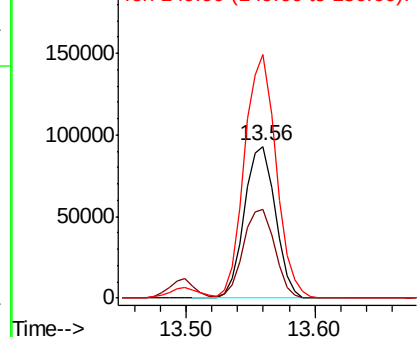
152 100

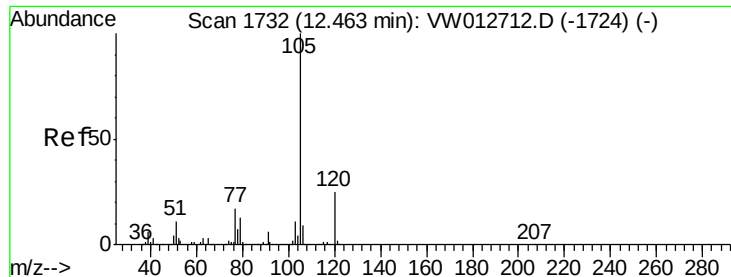
115 59.6 30.0 90.1

150 163.7 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: 20.346 ug/l

RT: 12.46 min Scan# 1732

Delta R.T. -0.00 min

Lab File: VW012758.D

Acq: 08 Sep 2019 09:41

Instrument :

MSVOA_W

ClientSampleId :

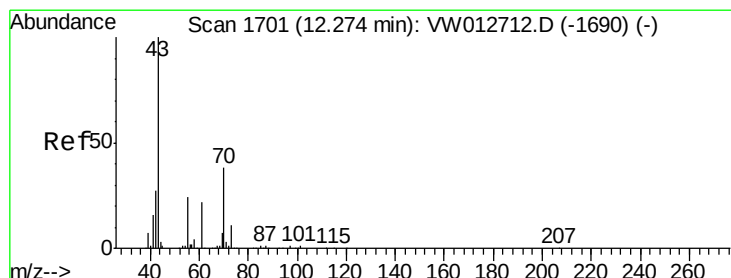
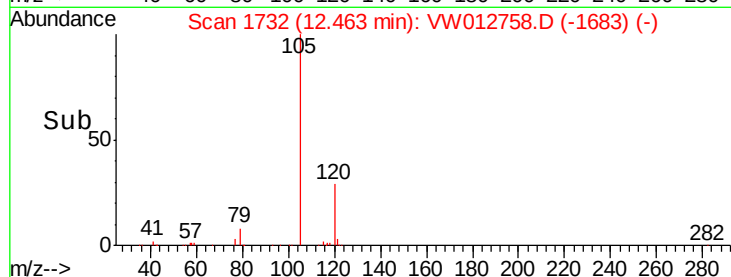
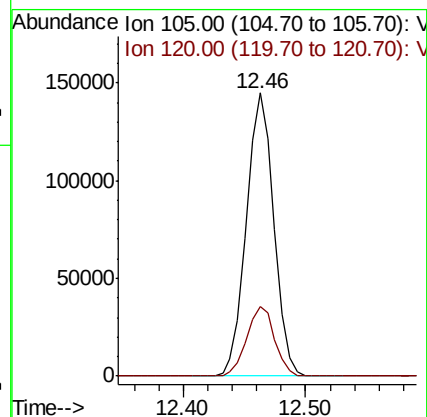
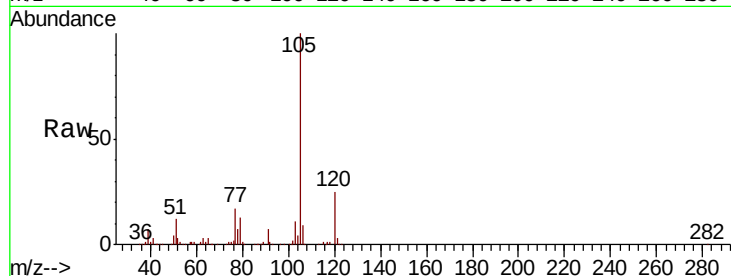
VW0907SBSD02

Tgt Ion: 105 Resp: 225121

Ion Ratio Lower Upper

105 100

120 25.1 13.0 38.9



#74

N-ethyl acetate

Concen: 18.645 ug/l

RT: 12.27 min Scan# 1701

Delta R.T. -0.00 min

Lab File: VW012758.D

Acq: 08 Sep 2019 09:41

Tgt Ion: 43 Resp: 65483

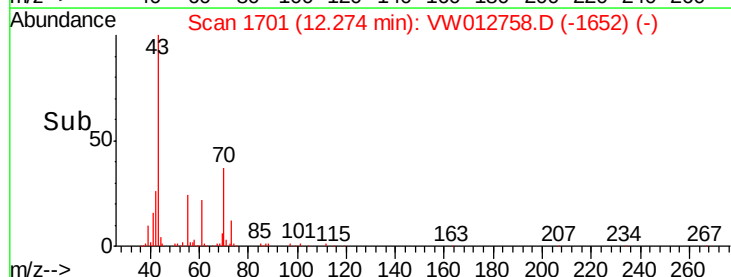
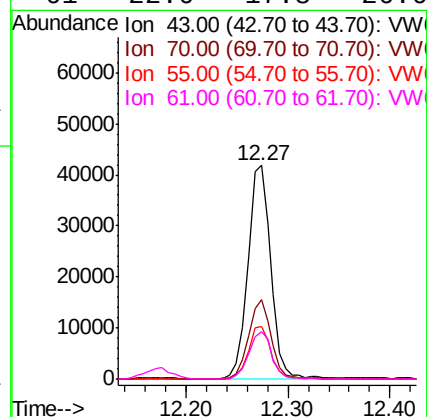
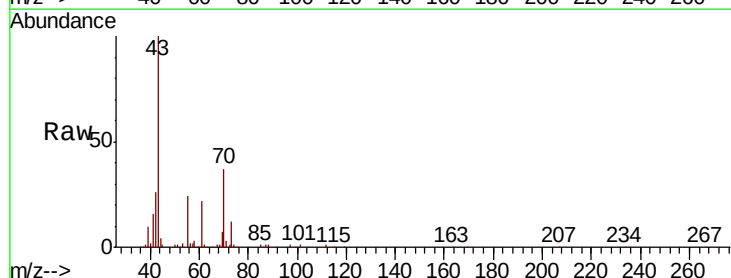
Ion Ratio Lower Upper

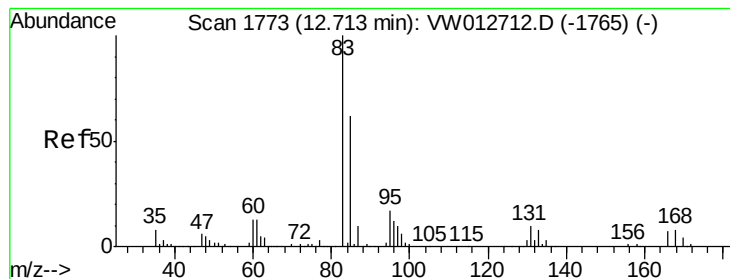
43 100

70 36.5 29.4 44.0

55 24.7 18.6 27.8

61 22.0 17.8 26.6





#75

1,1,2,2-Tetrachloroethane

Concen: 17.952 ug/l

RT: 12.71 min Scan# 1773

Delta R.T. -0.00 min

Lab File: VW012758.D

Acq: 08 Sep 2019 09:41

Instrument :

MSVOA_W

ClientSampleId :

VW0907SBSD02

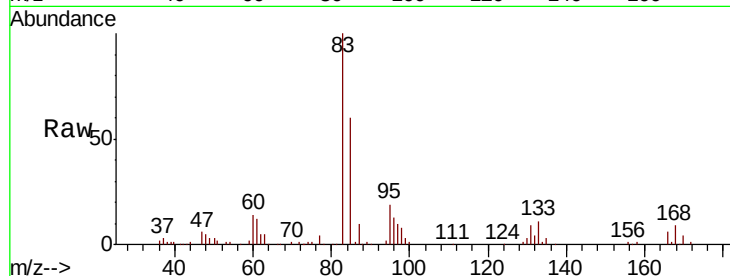
Tgt Ion: 83 Resp: 39892

Ion Ratio Lower Upper

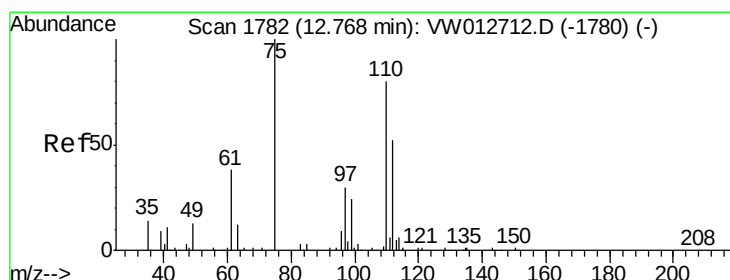
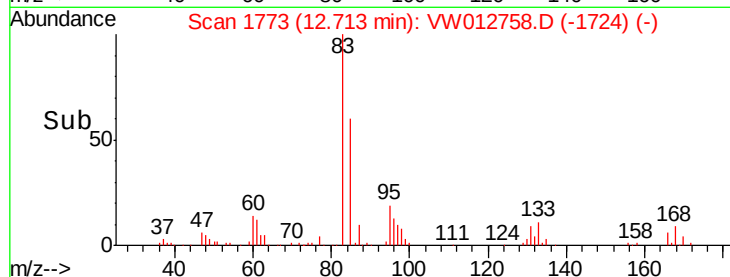
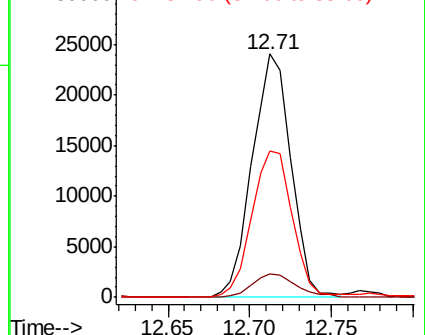
83 100

131 10.9 5.1 15.4

85 63.0 31.4 94.2



Abundance Ion 82.90 (82.60 to 83.60): VW
Ion 130.80 (130.50 to 131.50): V
Ion 84.90 (84.60 to 85.60): VW



#76

1,2,3-Trichloropropane

Concen: 34.981 ug/l

RT: 12.77 min Scan# 1782

Delta R.T. -0.00 min

Lab File: VW012758.D

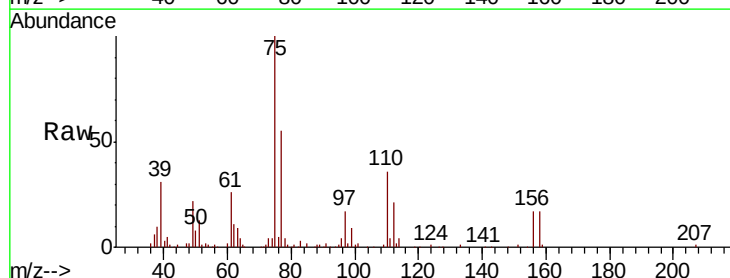
Acq: 08 Sep 2019 09:41

Tgt Ion: 75 Resp: 55182

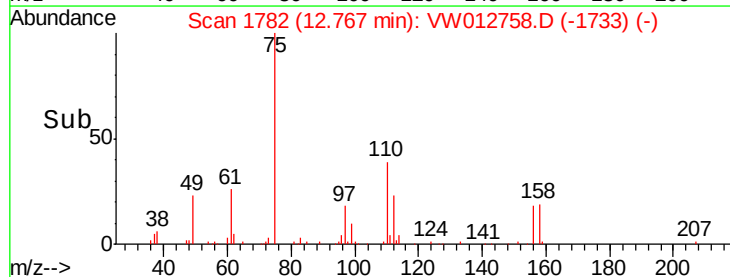
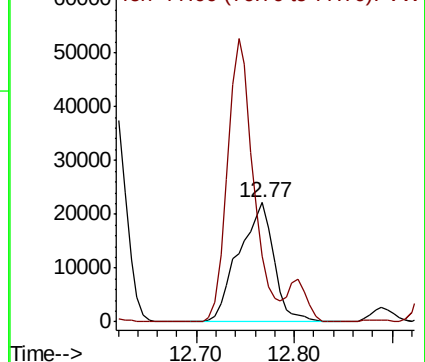
Ion Ratio Lower Upper

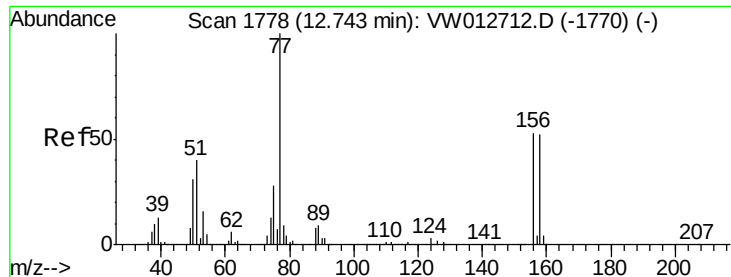
75 100

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: 19.682 ug/l

RT: 12.74 min Scan# 1778

Delta R.T. -0.00 min

Lab File: VW012758.D

Acq: 08 Sep 2019 09:41

Instrument :

MSVOA_W

ClientSampleId :

VW0907SBSD02

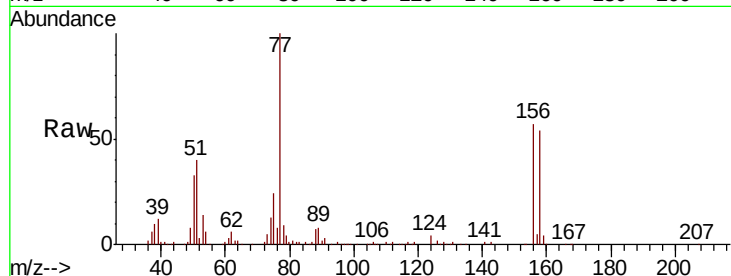
Tgt Ion:156 Resp: 49340

Ion Ratio Lower Upper

156 100

77 197.9 102.3 306.9

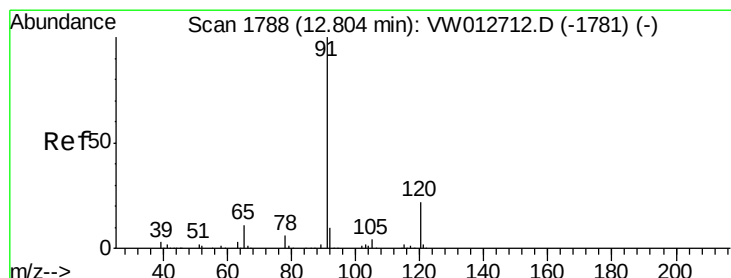
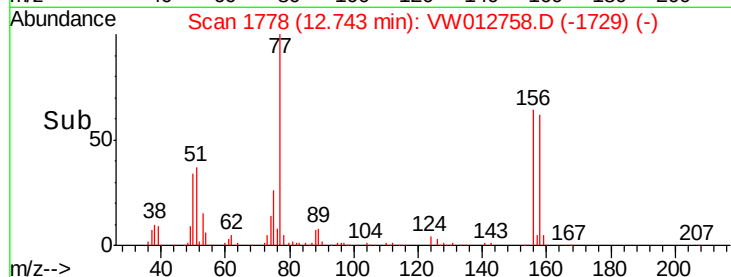
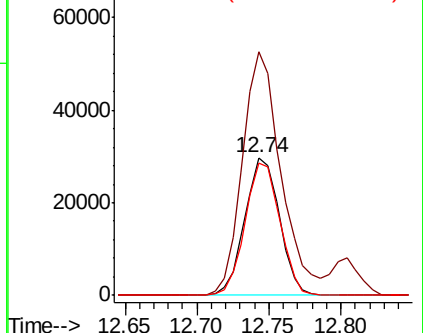
158 96.7 48.9 146.8



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: 20.573 ug/l

RT: 12.80 min Scan# 1788

Delta R.T. -0.00 min

Lab File: VW012758.D

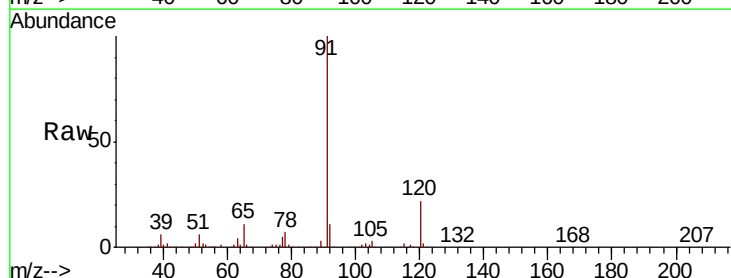
Acq: 08 Sep 2019 09:41

Tgt Ion: 91 Resp: 272246

Ion Ratio Lower Upper

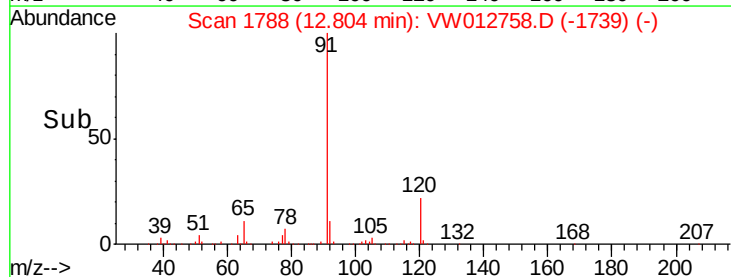
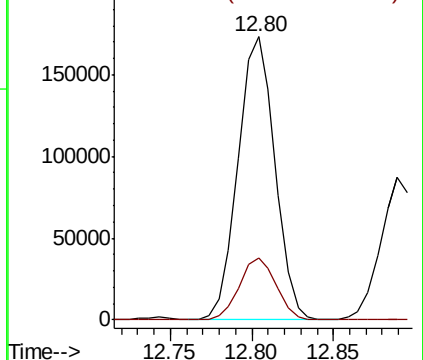
91 100

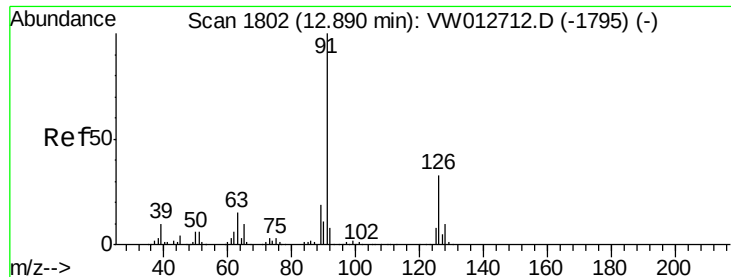
120 21.9 11.0 33.0



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 18.466 ug/l

RT: 12.89 min Scan# 1802

Delta R.T. -0.00 min

Lab File: VW012758.D

Acq: 08 Sep 2019 09:41

Instrument :

MSVOA_W

ClientSampleId :

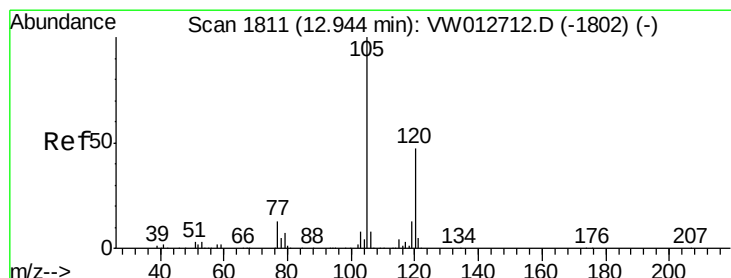
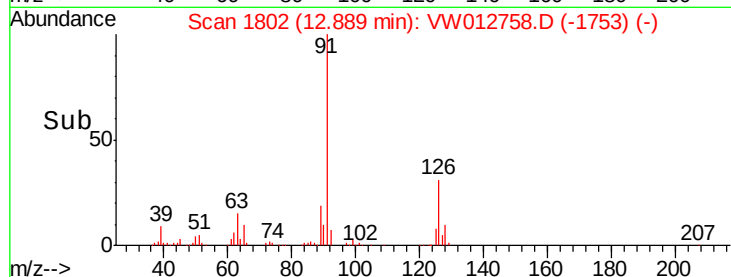
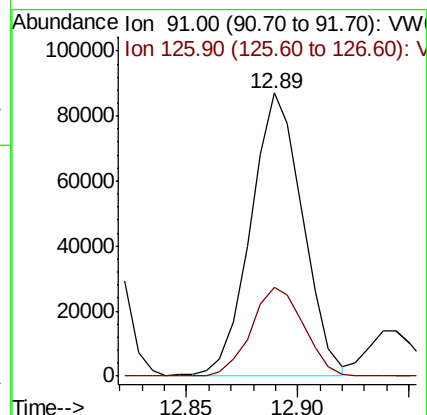
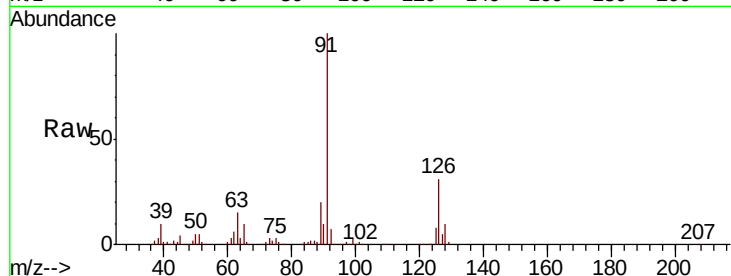
VW0907SBSD02

Tgt Ion: 91 Resp: 140285

Ion Ratio Lower Upper

91 100

126 32.0 16.1 48.3



#80

1,3,5-Trimethylbenzene

Concen: 20.055 ug/l

RT: 12.94 min Scan# 1811

Delta R.T. -0.00 min

Lab File: VW012758.D

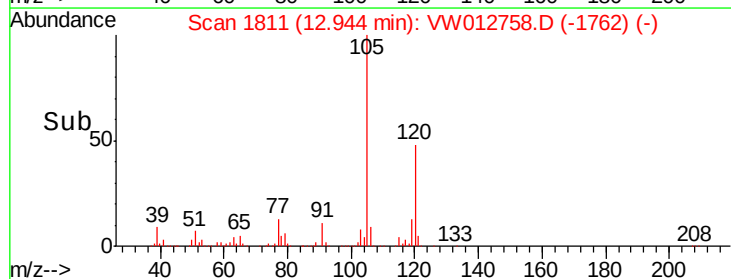
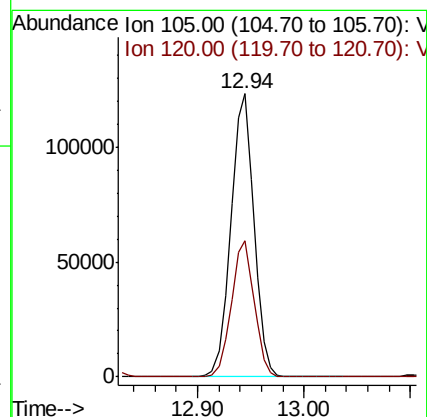
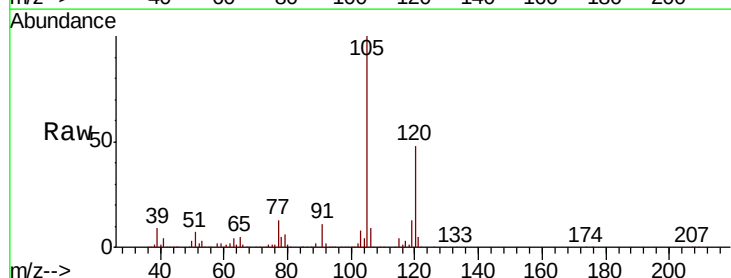
Acq: 08 Sep 2019 09:41

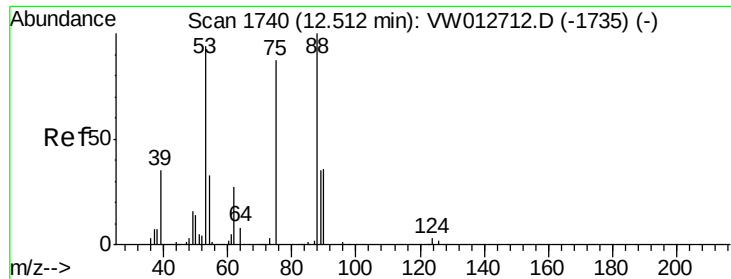
Tgt Ion: 105 Resp: 186980

Ion Ratio Lower Upper

105 100

120 47.9 23.9 71.8





#81

trans-1,4-Dichloro-2-butene

Concen: 16.852 ug/l

RT: 12.51 min Scan# 1740

Delta R.T. -0.00 min

Lab File: VW012758.D

Acq: 08 Sep 2019 09:41

Instrument :

MSVOA_W

ClientSampleId :

VW0907SBSD02

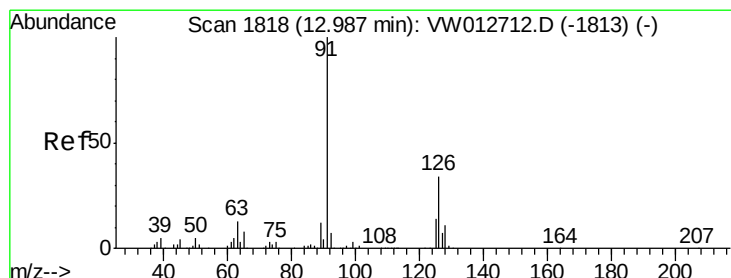
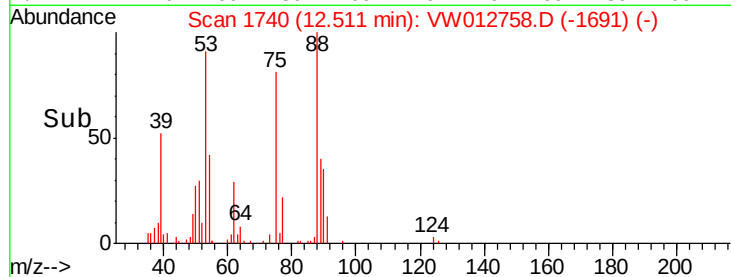
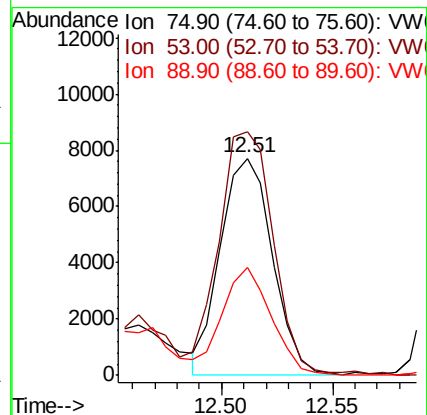
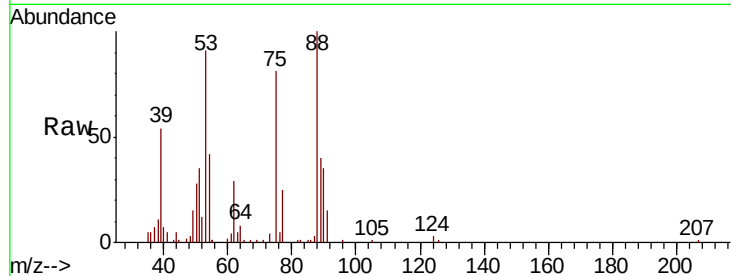
Tgt Ion: 75 Resp: 12569

Ion Ratio Lower Upper

75 100

53 116.3 87.6 131.4

89 46.9 35.5 53.3



#82

4-Chlorotoluene

Concen: 19.989 ug/l

RT: 12.99 min Scan# 1818

Delta R.T. -0.00 min

Lab File: VW012758.D

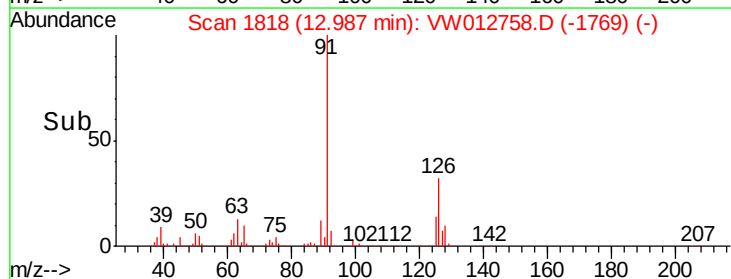
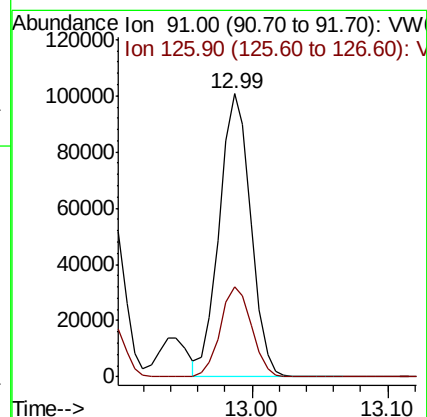
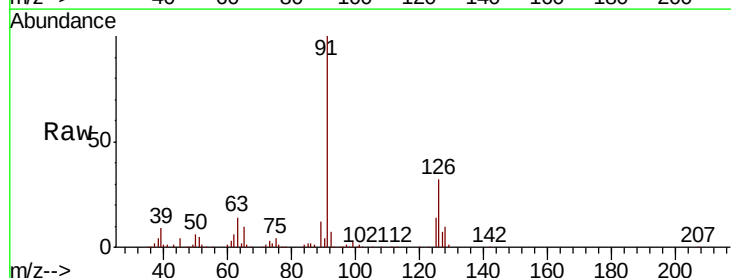
Acq: 08 Sep 2019 09:41

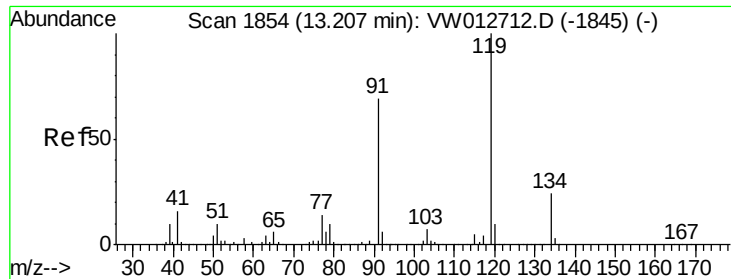
Tgt Ion: 91 Resp: 160624

Ion Ratio Lower Upper

91 100

126 31.6 15.9 47.6

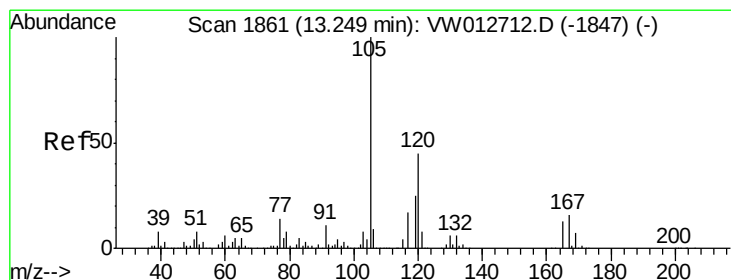
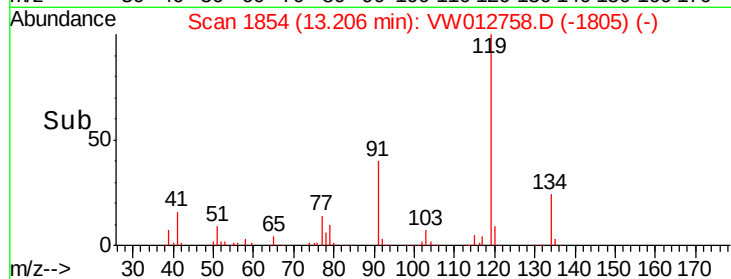
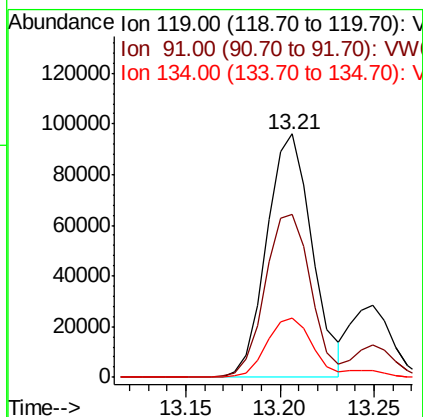
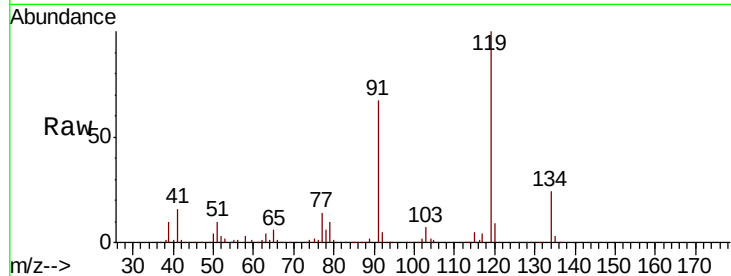




#83
tert-Butylbenzene
Concen: 19.500 ug/l
RT: 13.21 min Scan# 1854
Delta R.T. -0.00 min
Lab File: VW012758.D
Acq: 08 Sep 2019 09:41

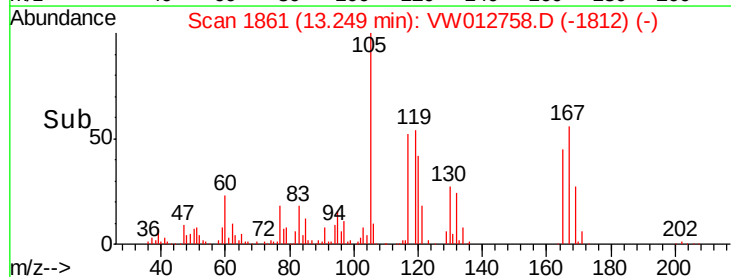
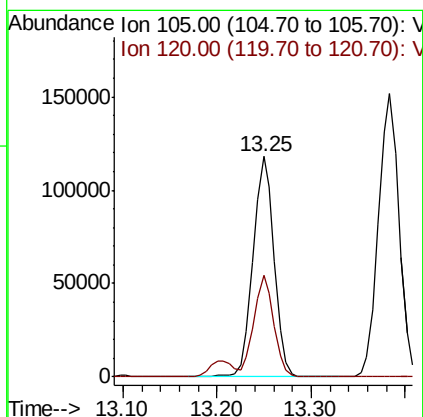
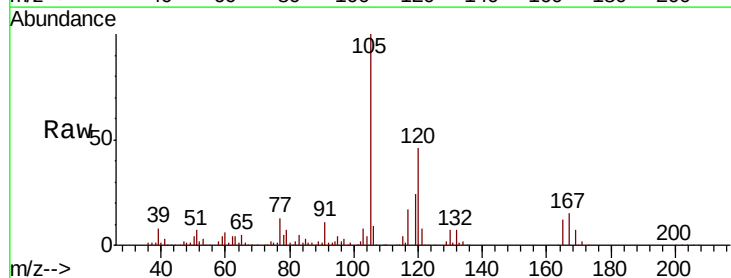
Instrument :
MSVOA_W
ClientSampleId :
VW0907SBSD02

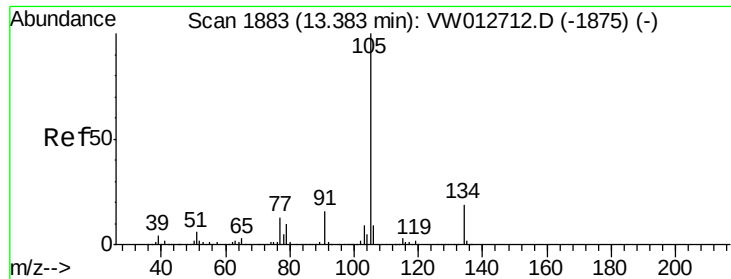
Tgt Ion:119 Resp: 160757
Ion Ratio Lower Upper
119 100
91 67.4 34.2 102.5
134 26.7 12.3 36.9



#84
1,2,4-Trimethylbenzene
Concen: 19.866 ug/l
RT: 13.25 min Scan# 1861
Delta R.T. -0.00 min
Lab File: VW012758.D
Acq: 08 Sep 2019 09:41

Tgt Ion:105 Resp: 186637
Ion Ratio Lower Upper
105 100
120 43.2 22.1 66.3

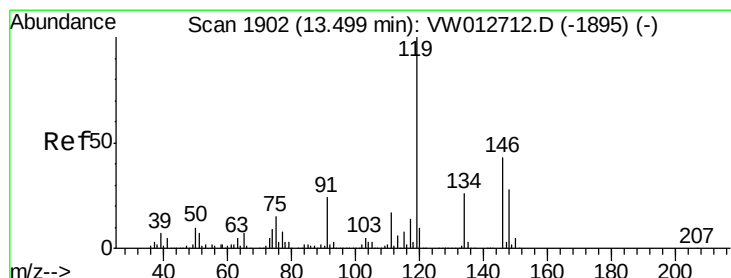
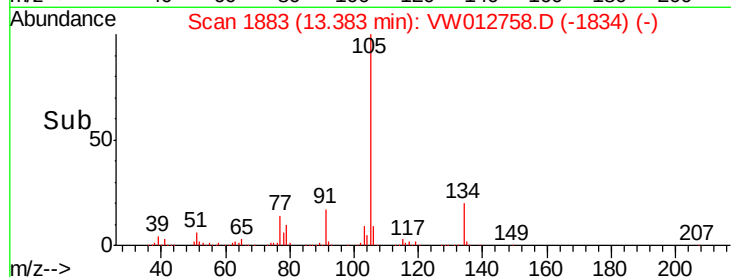
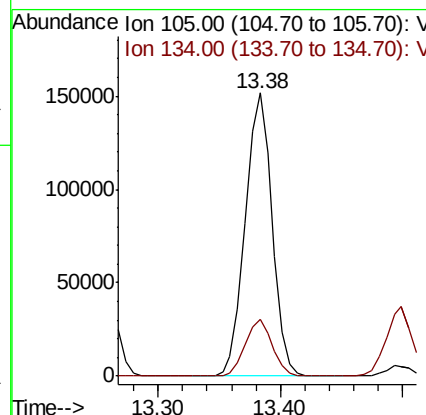
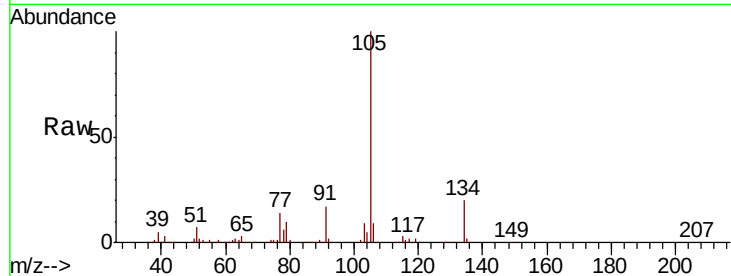




#85
 sec-Butylbenzene
 Concen: 20.159 ug/l
 RT: 13.38 min Scan# 1883
 Delta R.T. -0.00 min
 Lab File: VW012758.D
 Acq: 08 Sep 2019 09:41

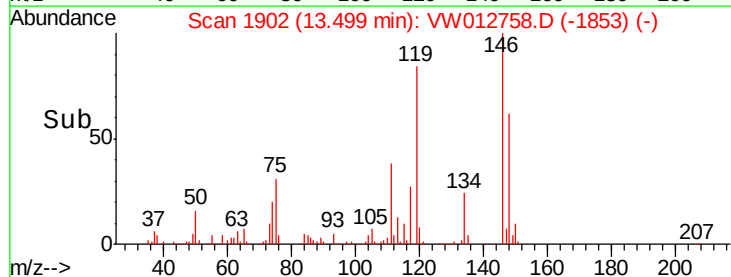
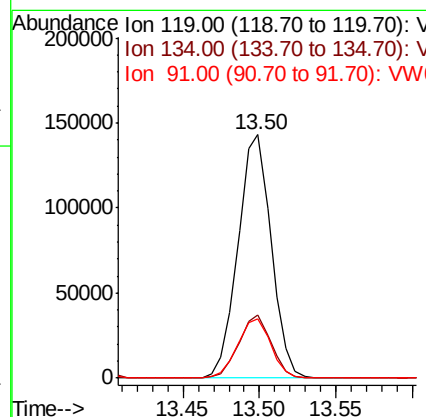
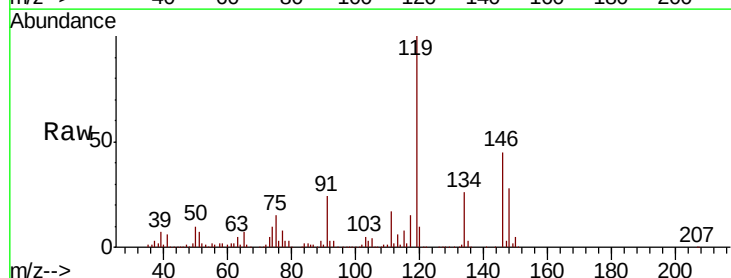
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0907SBSD02

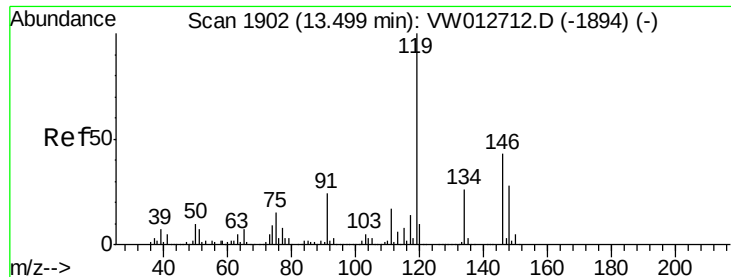
Tgt Ion:105 Resp: 230617
 Ion Ratio Lower Upper
 105 100
 134 20.2 9.8 29.3



#86
 p-Isopropyltoluene
 Concen: 20.539 ug/l
 RT: 13.50 min Scan# 1902
 Delta R.T. -0.00 min
 Lab File: VW012758.D
 Acq: 08 Sep 2019 09:41

Tgt Ion:119 Resp: 214611
 Ion Ratio Lower Upper
 119 100
 134 25.3 12.7 38.1
 91 24.5 12.2 36.6

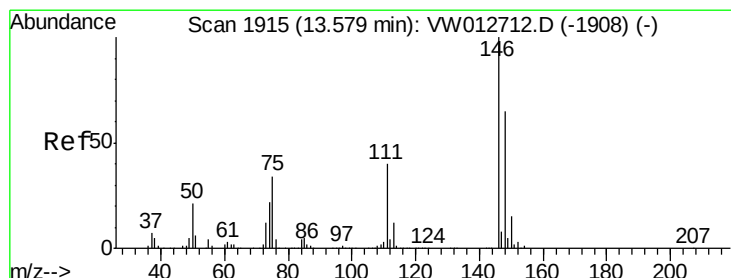
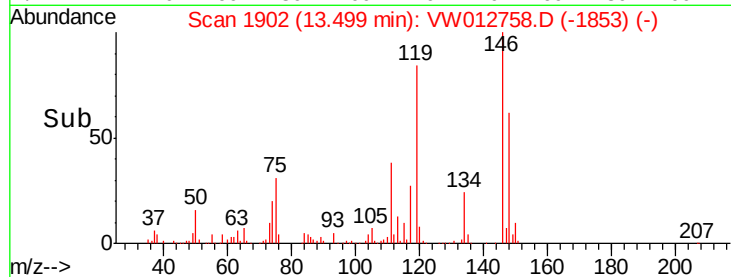
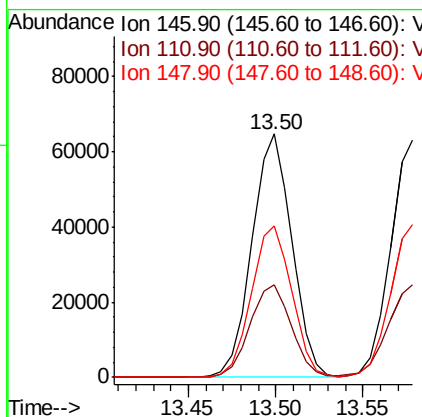
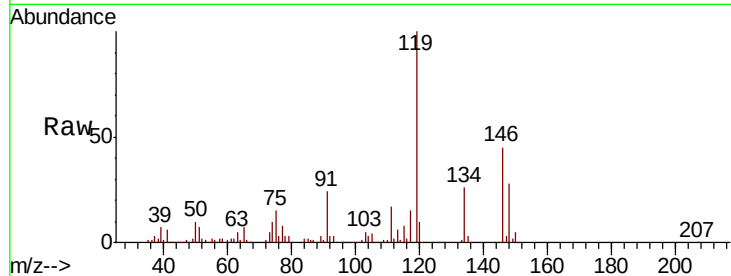




#87
 1,3-Dichlorobenzene
 Concen: 20.781 ug/l
 RT: 13.50 min Scan# 1902
 Delta R.T. -0.00 min
 Lab File: VW012758.D
 Acq: 08 Sep 2019 09:41

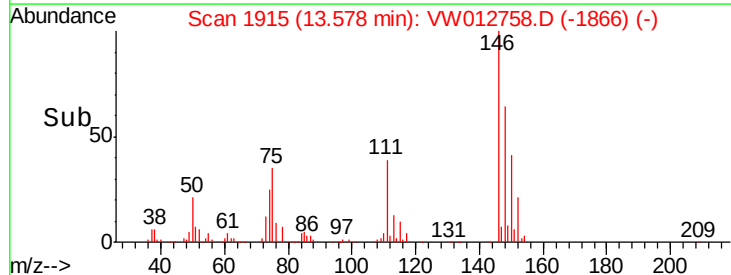
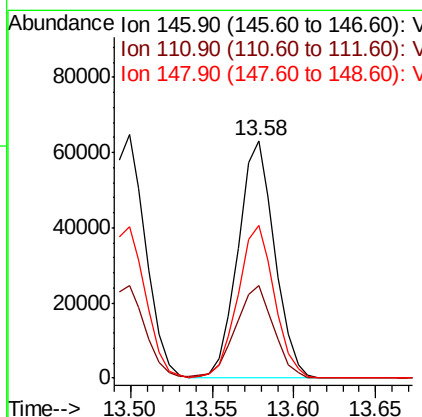
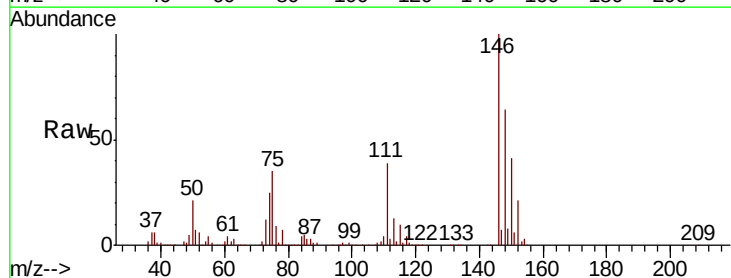
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0907SBSD02

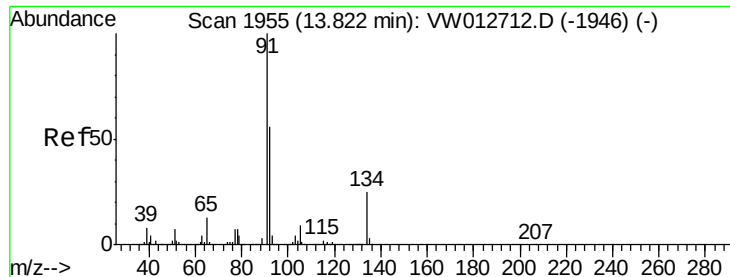
Tgt Ion:146 Resp: 102392
 Ion Ratio Lower Upper
 146 100
 111 39.5 20.4 61.2
 148 63.1 31.8 95.4



#88
 1,4-Dichlorobenzene
 Concen: 20.119 ug/l
 RT: 13.58 min Scan# 1915
 Delta R.T. -0.00 min
 Lab File: VW012758.D
 Acq: 08 Sep 2019 09:41

Tgt Ion:146 Resp: 98644
 Ion Ratio Lower Upper
 146 100
 111 40.7 20.0 60.0
 148 64.4 32.2 96.6





#89

n-Butylbenzene

Concen: 19.475 ug/l

RT: 13.82 min Scan# 1955

Delta R.T. -0.00 min

Lab File: VW012758.D

Acq: 08 Sep 2019 09:41

Instrument :

MSVOA_W

ClientSampleId :

VW0907SBS02

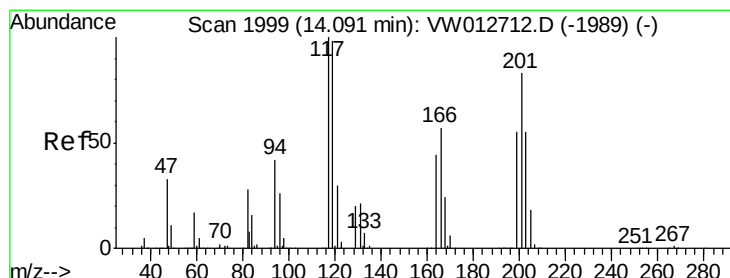
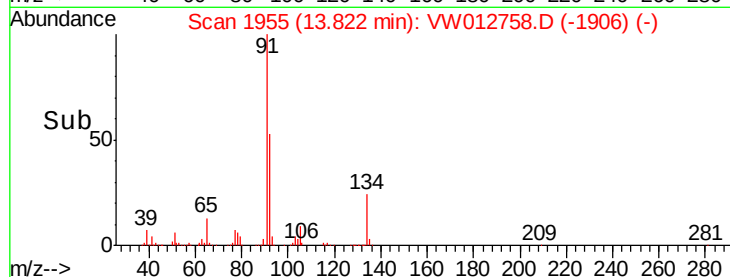
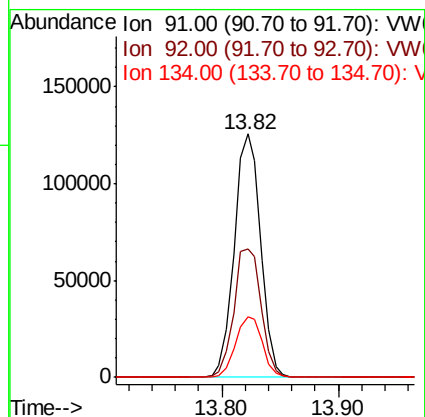
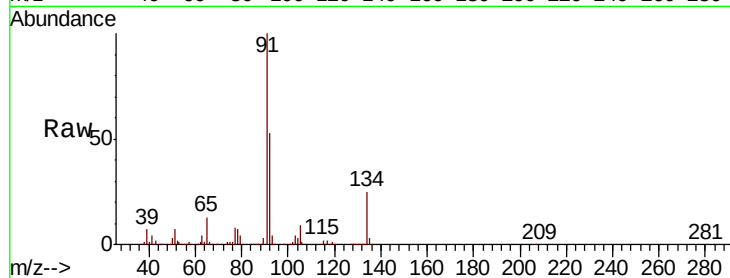
Tgt Ion: 91 Resp: 197565

Ion Ratio Lower Upper

91 100

92 54.7 27.2 81.5

134 25.4 12.7 38.1



#90

Hexachloroethane

Concen: 19.687 ug/l

RT: 14.09 min Scan# 1999

Delta R.T. -0.00 min

Lab File: VW012758.D

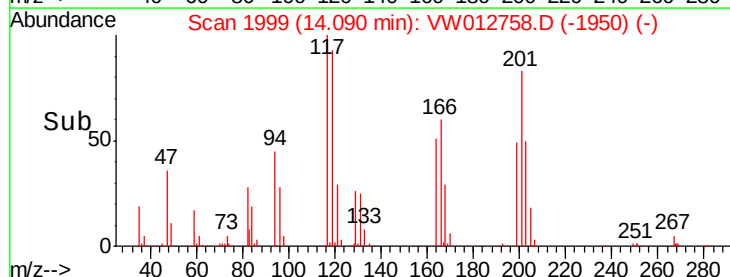
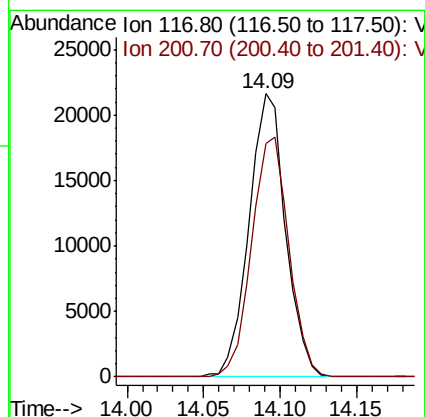
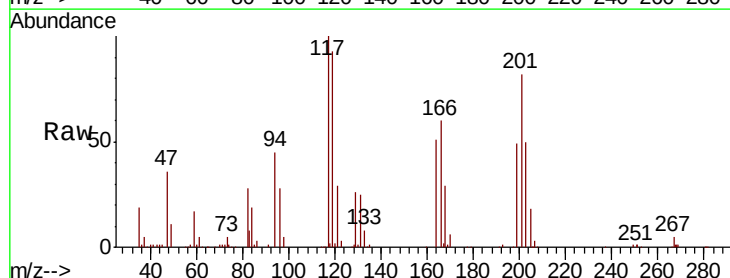
Acq: 08 Sep 2019 09:41

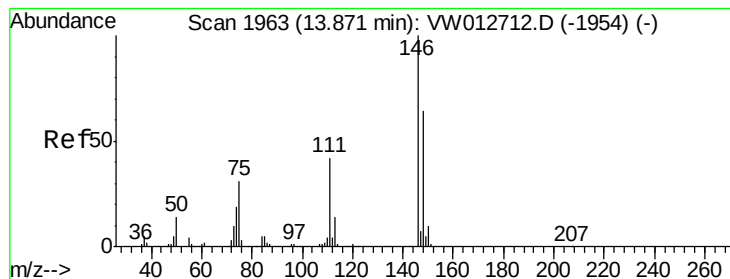
Tgt Ion: 117 Resp: 35912

Ion Ratio Lower Upper

117 100

201 86.3 42.8 128.4





#91

1,2-Dichlorobenzene

Concen: 19.867 ug/l

RT: 13.87 min Scan# 1963

Delta R.T. -0.00 min

Lab File: VW012758.D

Acq: 08 Sep 2019 09:41

Instrument :

MSVOA_W

ClientSampleId :

VW0907SBS02

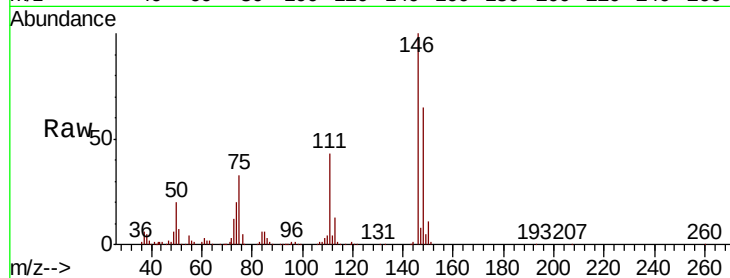
Tgt Ion:146 Resp: 88105

Ion Ratio Lower Upper

146 100

111 42.4 21.3 63.9

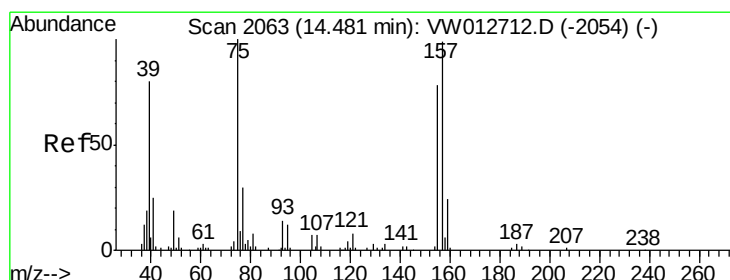
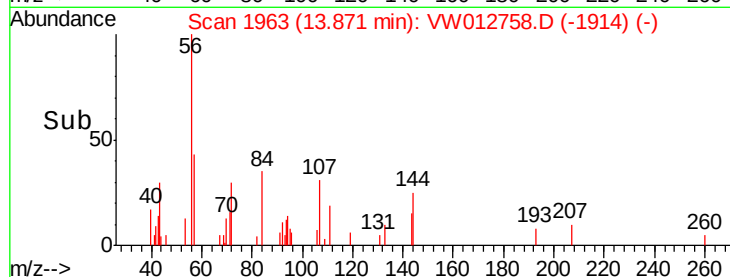
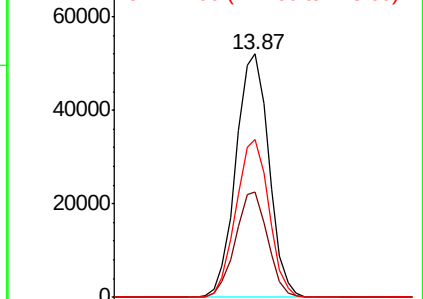
148 64.8 32.1 96.5



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: 18.291 ug/l

RT: 14.48 min Scan# 2063

Delta R.T. -0.00 min

Lab File: VW012758.D

Acq: 08 Sep 2019 09:41

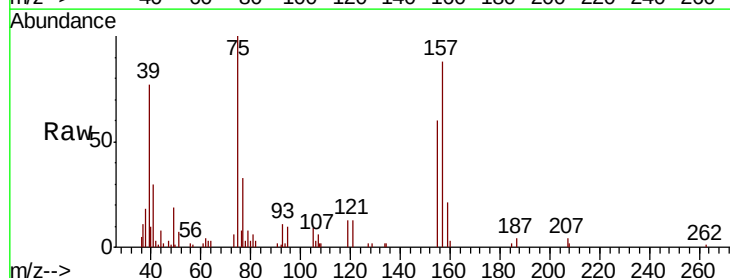
Tgt Ion: 75 Resp: 7438

Ion Ratio Lower Upper

75 100

155 73.0 40.6 122.0

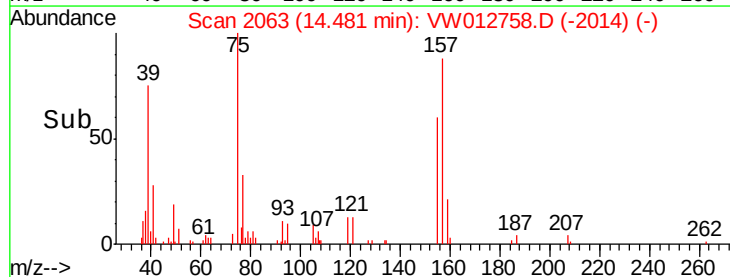
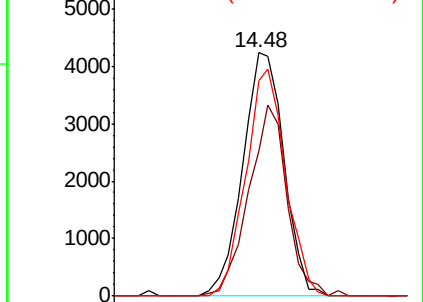
157 89.8 52.5 157.5

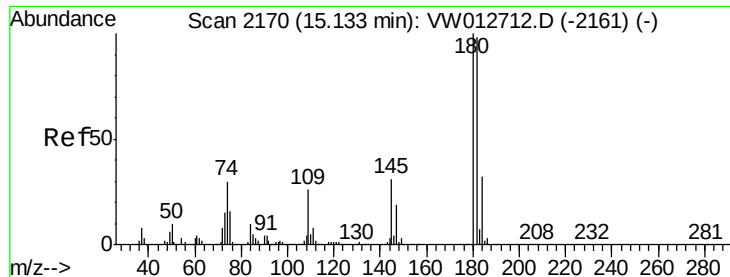


Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

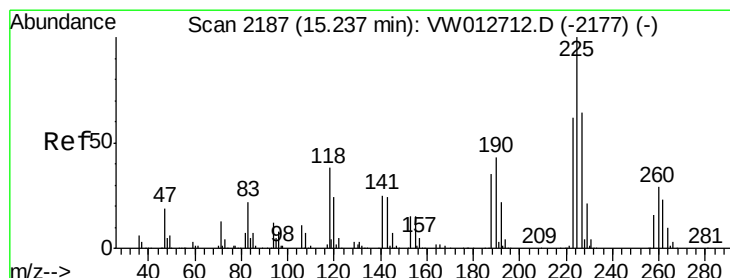
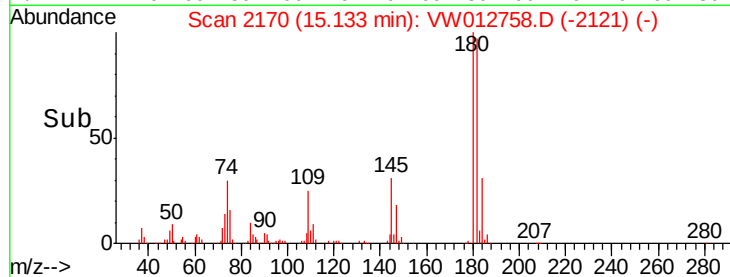
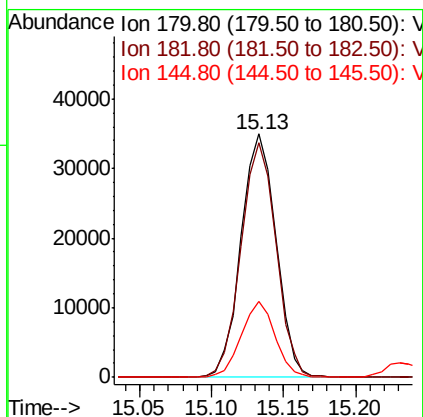
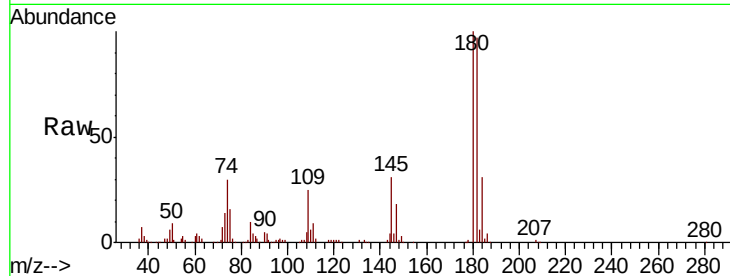




#93
 1,2,4-Trichlorobenzene
 Concen: 19.089 ug/l
 RT: 15.13 min Scan# 2170
 Delta R.T. -0.00 min
 Lab File: VW012758.D
 Acq: 08 Sep 2019 09:41

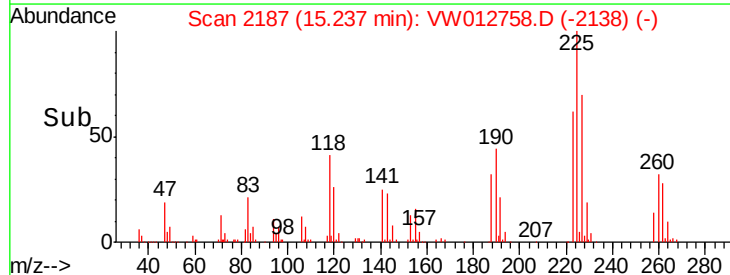
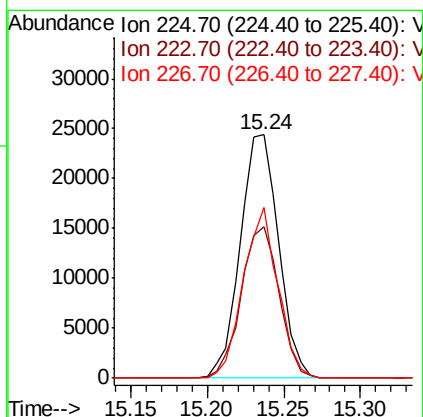
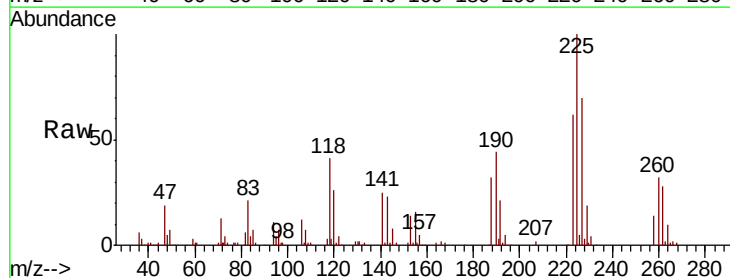
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0907SBSD02

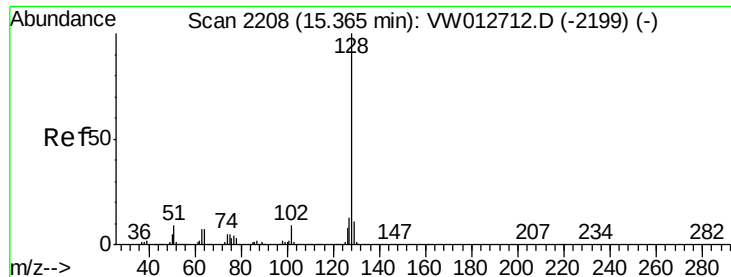
Tgt Ion:180 Resp: 58939
 Ion Ratio Lower Upper
 180 100
 182 96.5 48.7 146.1
 145 30.0 15.0 45.1



#94
 Hexachlorobutadiene
 Concen: 19.917 ug/l
 RT: 15.24 min Scan# 2187
 Delta R.T. -0.00 min
 Lab File: VW012758.D
 Acq: 08 Sep 2019 09:41

Tgt Ion:225 Resp: 42566
 Ion Ratio Lower Upper
 225 100
 223 61.5 31.1 93.3
 227 63.1 31.4 94.2

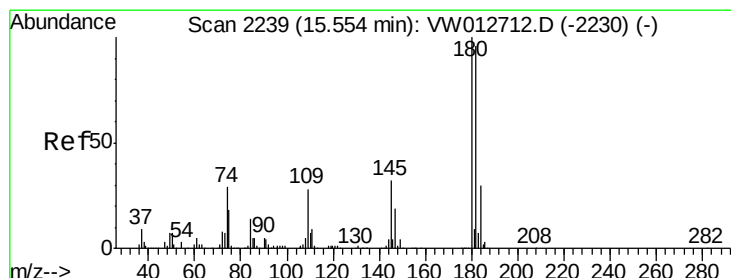
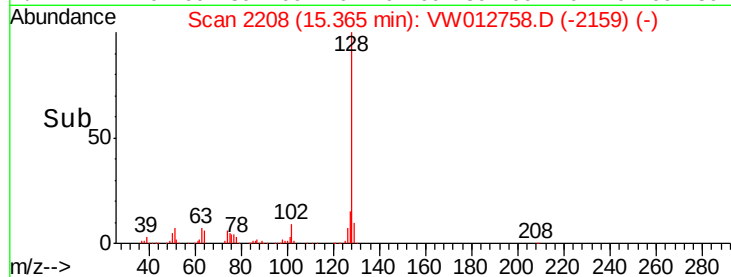
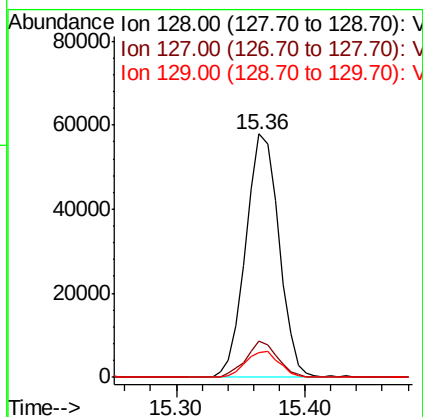
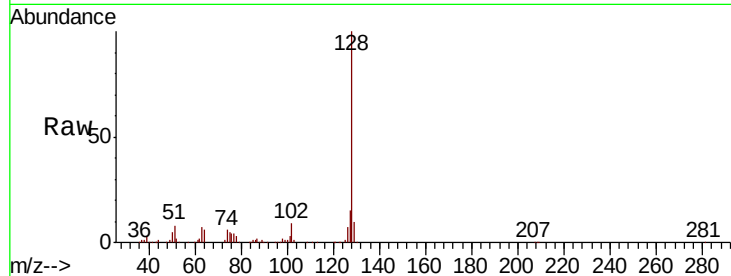




#95
Naphthalene
Concen: 19.002 ug/l
RT: 15.36 min Scan# 2208
Delta R.T. 0.00 min
Lab File: VW012758.D
Acq: 08 Sep 2019 09:41

Instrument :
MSVOA_W
ClientSampleId :
VW0907SBSD02

Tgt Ion:128 Resp: 103443
Ion Ratio Lower Upper
128 100
127 14.3 10.7 16.1
129 10.9 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 18.945 ug/l
RT: 15.55 min Scan# 2239
Delta R.T. -0.00 min
Lab File: VW012758.D
Acq: 08 Sep 2019 09:41

Tgt Ion:180 Resp: 51633
Ion Ratio Lower Upper
180 100
182 96.3 47.8 143.3
145 31.5 15.4 46.2

