

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW090219\
 Data File : VW012494.D
 Acq On : 02 Sep 2019 13:09
 Operator : SY/VA
 Sample : VW0902SBSD01
 Misc : 4.99G/5ML/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0902SBSD01

Quant Time: Sep 03 07:37:59 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W082319S.M
 Quant Title : SW846 8260
 QLast Update : Mon Aug 26 07:18:31 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	198595	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	305771	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	262976	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	126942	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.30	65	120619	51.09	ug/l	0.00
Spiked Amount			Recovery	=	102.18%	
35) Dibromofluoromethane	7.88	113	95003	52.05	ug/l	0.00
Spiked Amount			Recovery	=	104.10%	
50) Toluene-d8	10.32	98	386141	52.18	ug/l	0.00
Spiked Amount			Recovery	=	104.36%	
62) 4-Bromofluorobenzene	12.62	95	143526	55.02	ug/l	0.00
Spiked Amount			Recovery	=	110.04%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	2.01	85	20331	16.626	ug/l	88
3) Chloromethane	2.21	50	35852	18.924	ug/l	94
4) Vinyl Chloride	2.36	62	40142	17.312	ug/l	99
5) Bromomethane	2.76	94	19168	16.322	ug/l	99
6) Chloroethane	2.90	64	22259	17.017	ug/l	97
7) Trichlorofluoromethane	3.24	101	28053	24.094	ug/l	95
8) Diethyl Ether	3.68	74	21356	19.324	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	4.06	101	40169	20.296	ug/l	99
10) Methyl Iodide	4.27	142	51848	19.362	ug/l	99
11) Tert butyl alcohol	5.18	59	15541	109.388	ug/l	97
12) 1,1-Dichloroethene	4.03	96	39189	19.673	ug/l	95
13) Acrolein	3.89	56	10416	77.885	ug/l	93
14) Allyl chloride	4.66	41	84680	19.884	ug/l	98
15) Acrylonitrile	5.37	53	58392	106.595	ug/l	99
16) Acetone	4.13	43	57837	95.840	ug/l	97
17) Carbon Disulfide	4.38	76	93588	15.546	ug/l	100
18) Methyl Acetate	4.67	43	33190	22.205	ug/l	99
19) Methyl tert-butyl Ether	5.42	73	70258	21.810	ug/l	99
20) Methylene Chloride	4.92	84	44415	19.469	ug/l	94
21) trans-1,2-Dichloroethene	5.42	96	42195	19.753	ug/l	96
22) Diisopropyl ether	6.31	45	163618	20.728	ug/l	96
23) Vinyl Acetate	6.25	43	492075	101.293	ug/l	99
24) 1,1-Dichloroethane	6.21	63	89515	20.827	ug/l	99
25) 2-Butanone	7.17	43	84660	103.238	ug/l	97
26) 2,2-Dichloropropane	7.16	77	55352	22.753	ug/l	100
27) cis-1,2-Dichloroethene	7.16	96	46975	20.583	ug/l	98
28) Bromochloromethane	7.51	49	38613	20.613	ug/l	97
29) Tetrahydrofuran	7.53	42	52237	106.174	ug/l	99
30) Chloroform	7.68	83	85301	21.693	ug/l	97
31) Cyclohexane	7.95	56	78581	18.480	ug/l	96
32) 1,1,1-Trichloroethane	7.87	97	70077	22.528	ug/l	97
36) 1,1-Dichloropropene	8.08	75	66249	20.966	ug/l	97
37) Ethyl Acetate	7.25	43	36010	20.797	ug/l	99
38) Carbon Tetrachloride	8.07	117	61248	22.395	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	71304	20.087	ug/l	99
40) Benzene	8.32	78	182498	21.152	ug/l	98
41) Methacrylonitrile	7.48	41	21795	21.416	ug/l	95
42) 1,2-Dichloroethane	8.40	62	59813	22.119	ug/l	99
43) Isopropyl Acetate	8.42	43	69658	21.718	ug/l	98
44) Trichloroethene	9.09	130	45452	21.670	ug/l	95
45) 1,2-Dichloropropane	9.37	63	48329	20.813	ug/l	97
46) Dibromomethane	9.46	93	21962	21.257	ug/l	99
47) Bromodichloromethane	9.64	83	59412	21.607	ug/l	97
48) Methyl methacrylate	9.43	41	32505	21.294	ug/l	97
49) 1,4-Dioxane	9.46	88	6227	393.705	ug/l	98
51) 4-Methyl-2-Pentanone	10.21	43	178248	109.265	ug/l	99
52) Toluene	10.38	92	110987	21.413	ug/l	98
53) t-1,3-Dichloropropene	10.60	75	60045	21.438	ug/l	100
54) cis-1,3-Dichloropropene	10.07	75	70918	20.970	ug/l	98
55) 1,1,2-Trichloroethane	10.79	97	31925	21.840	ug/l	96
56) Ethyl methacrylate	10.65	69	47117	22.147	ug/l	97
57) 1,3-Dichloropropane	10.93	76	60231	21.804	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.92	63	116041	106.277	ug/l	100
59) 2-Hexanone	10.97	43	126758	109.816	ug/l	99
60) Dibromochloromethane	11.13	129	34196	21.003	ug/l	97
61) 1,2-Dibromoethane	11.24	107	29833	21.907	ug/l	99
64) Tetrachloroethene	10.86	164	38182	22.395	ug/l	97
65) Chlorobenzene	11.66	112	113288	21.878	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.73	131	40274	22.294	ug/l	99
67) Ethyl Benzene	11.73	91	219949	22.050	ug/l	99
68) m/p-Xylenes	11.83	106	158399	44.084	ug/l	100
69) o-Xylene	12.16	106	74613	22.436	ug/l	99
70) Styrene	12.18	104	128226	22.276	ug/l	99
71) Bromoform	12.35	173	19897	22.107	ug/l #	99
73) Isopropylbenzene	12.46	105	214639	22.565	ug/l	99
74) N-amyl acetate	12.27	43	61022	21.234	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.71	83	38056	21.823	ug/l	98
76) 1,2,3-Trichloropropane	12.77	75	50199	40.603	ug/l #	100
77) Bromobenzene	12.74	156	45372	22.049	ug/l	97
78) n-propylbenzene	12.80	91	255442	21.998	ug/l	99
79) 2-Chlorotoluene	12.89	91	144716	21.951	ug/l	99
80) 1,3,5-Trimethylbenzene	12.94	105	174461	21.950	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.51	75	11847	21.010	ug/l	98
82) 4-Chlorotoluene	12.99	91	151071	21.885	ug/l	99
83) tert-Butylbenzene	13.21	119	152841	22.701	ug/l	100
84) 1,2,4-Trimethylbenzene	13.25	105	176530	22.110	ug/l	100
85) sec-Butylbenzene	13.38	105	214842	22.273	ug/l	99
86) p-Isopropyltoluene	13.50	119	191133	22.188	ug/l	99
87) 1,3-Dichlorobenzene	13.50	146	87922	21.844	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	86659	21.684	ug/l	96
89) n-Butylbenzene	13.82	91	189688	22.143	ug/l	100
90) Hexachloroethane	14.09	117	32318	21.383	ug/l	96
91) 1,2-Dichlorobenzene	13.87	146	77287	21.888	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	6277	21.352	ug/l	96

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Quant Title : SW846 8260
QLast Update : Mon Aug 26 07:18:31 2019
Response via : Initial Calibration

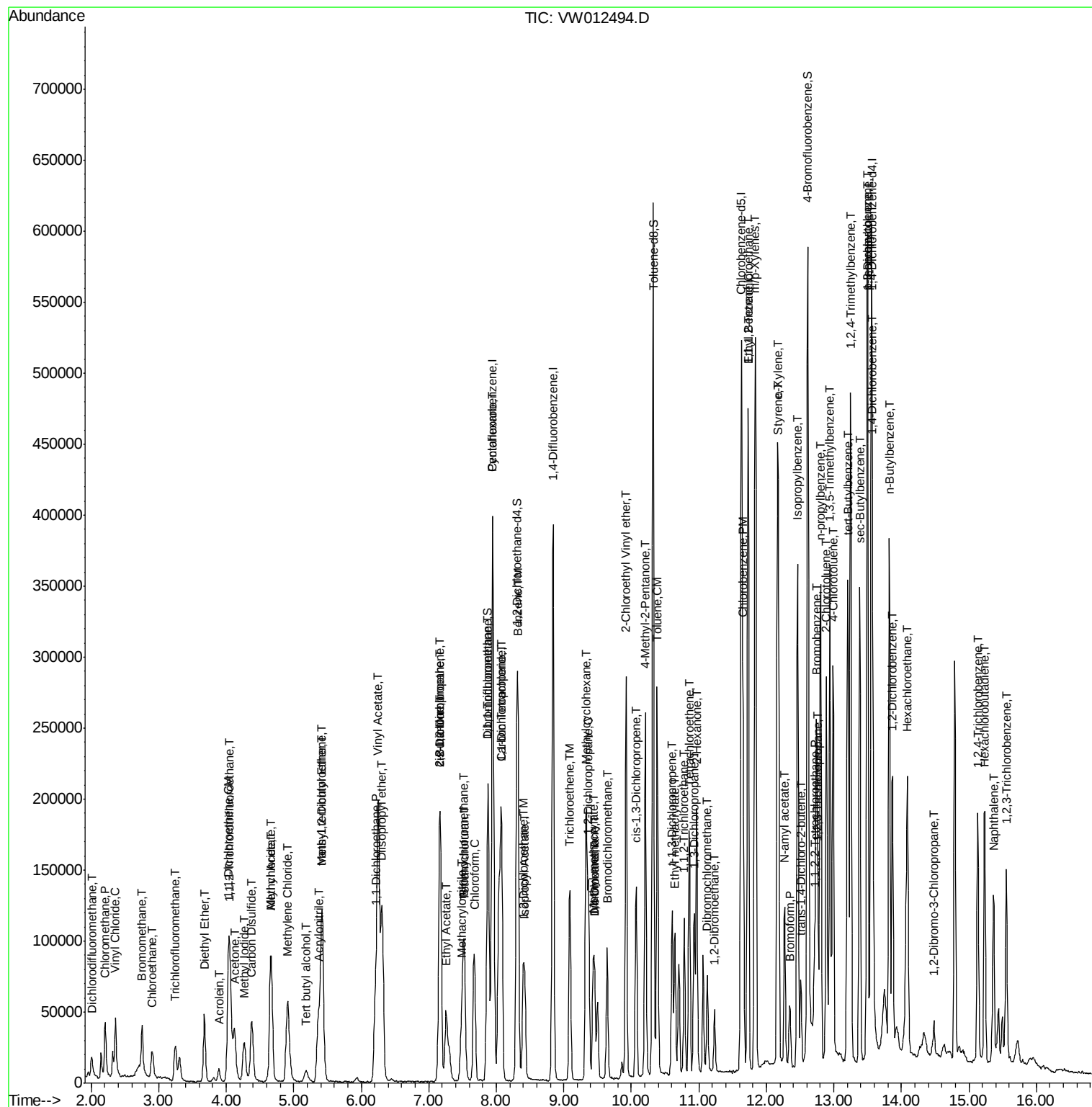
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.13	180	52927	21.690	ug/l	99
94) Hexachlorobutadiene	15.24	225	36467	22.633	ug/l	97
95) Naphthalene	15.36	128	92378	21.947	ug/l	100
96) 1,2,3-Trichlorobenzene	15.56	180	45384	21.318	ug/l	100

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

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.00 min

Lab File: VW012494.D

Acq: 02 Sep 2019 13:09

Instrument :

MSVOA_W

ClientSampleId :

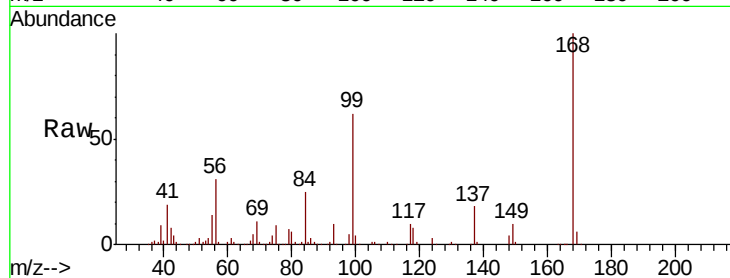
VW0902SBSD01

Tgt Ion:168 Resp: 198595

Ion Ratio Lower Upper

168 100

99 61.7 49.2 73.8



Abundance Ion 167.90 (167.60 to 168.60): VW

Ion 98.90 (98.60 to 99.60): VW

7.95

100000

80000

60000

40000

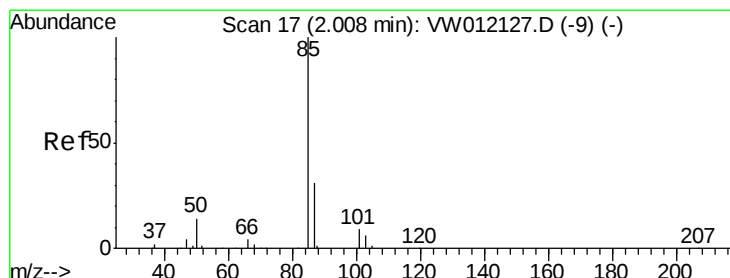
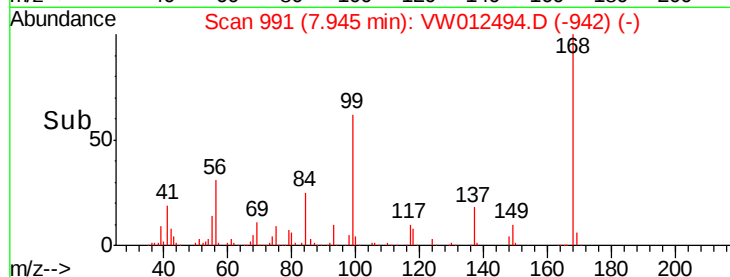
20000

0

7.90

8.00

Time-->



#2

Dichlorodifluoromethane

Concen: 16.626 ug/l

RT: 2.01 min Scan# 17

Delta R.T. -0.00 min

Lab File: VW012494.D

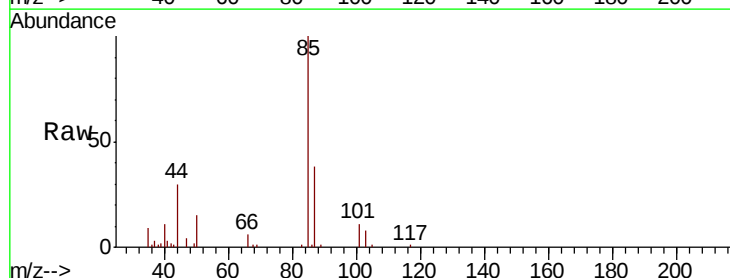
Acq: 02 Sep 2019 13:09

Tgt Ion: 85 Resp: 20331

Ion Ratio Lower Upper

85 100

87 38.0 15.6 46.8



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW

2.01

8000

6000

4000

2000

0

1.90

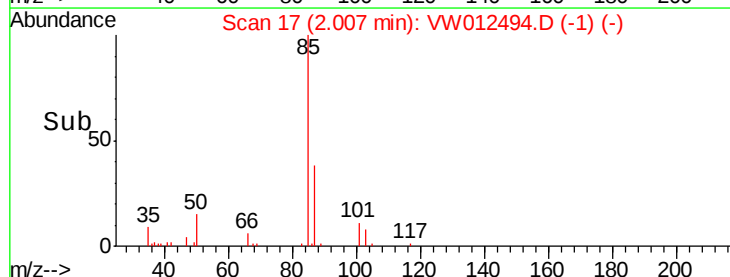
1.95

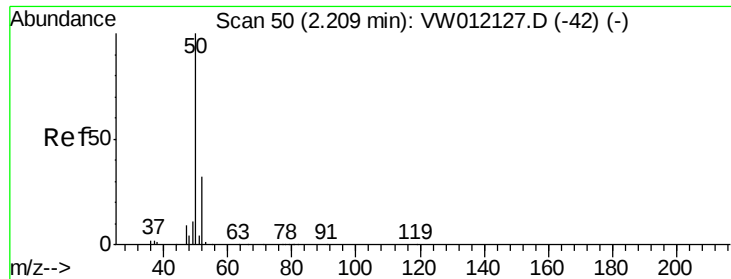
2.00

2.05

2.10

Time-->





#3

Chloromethane

Concen: 18.924 ug/l

RT: 2.21 min Scan# 50

Delta R.T. -0.00 min

Lab File: VW012494.D

Acq: 02 Sep 2019 13:09

Instrument :

MSVOA_W

ClientSampleId :

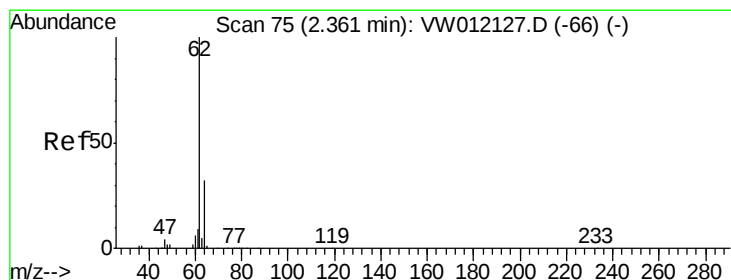
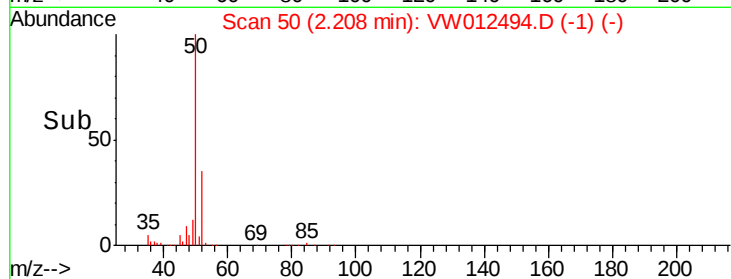
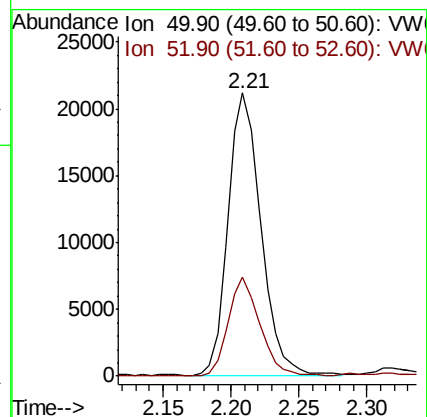
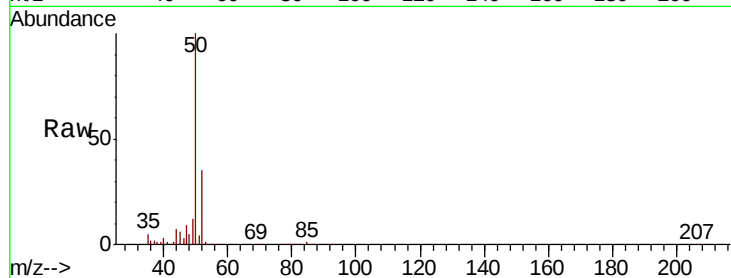
VW0902SBSD01

Tgt Ion: 50 Resp: 35852

Ion Ratio Lower Upper

50 100

52 35.2 25.5 38.3



#4

Vinyl Chloride

Concen: 17.312 ug/l

RT: 2.36 min Scan# 75

Delta R.T. -0.00 min

Lab File: VW012494.D

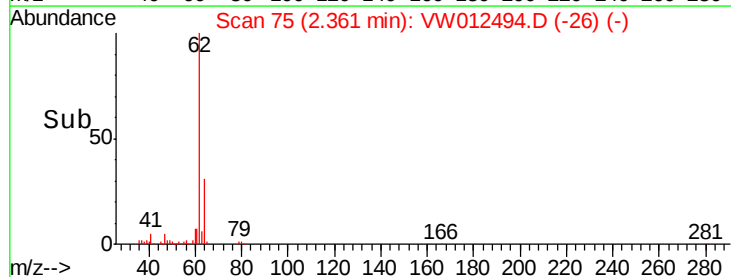
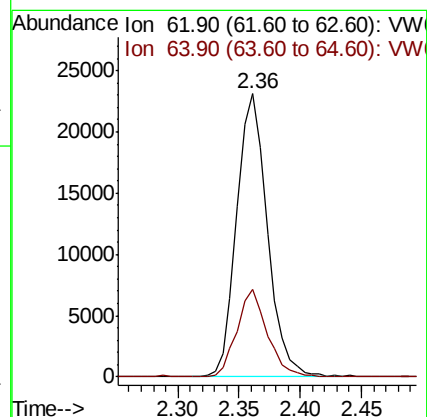
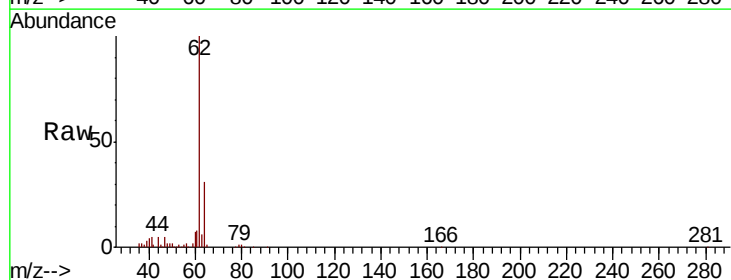
Acq: 02 Sep 2019 13:09

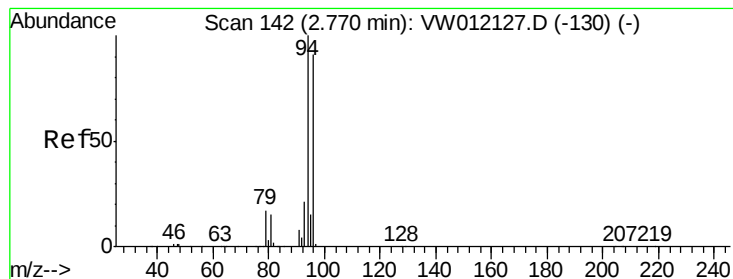
Tgt Ion: 62 Resp: 40142

Ion Ratio Lower Upper

62 100

64 31.1 25.3 37.9





#5

Bromomethane

Concen: 16.322 ug/l

RT: 2.76 min Scan# 140

Delta R.T. -0.01 min

Lab File: VW012494.D

Acq: 02 Sep 2019 13:09

Instrument :

MSVOA_W

ClientSampleId :

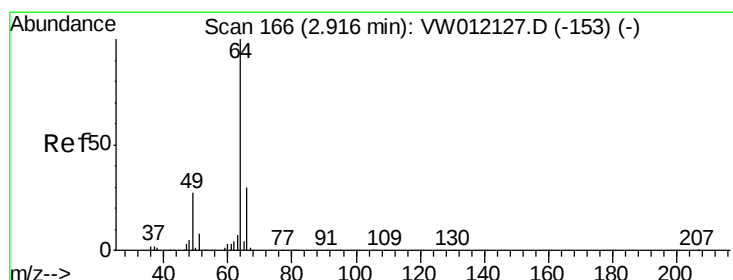
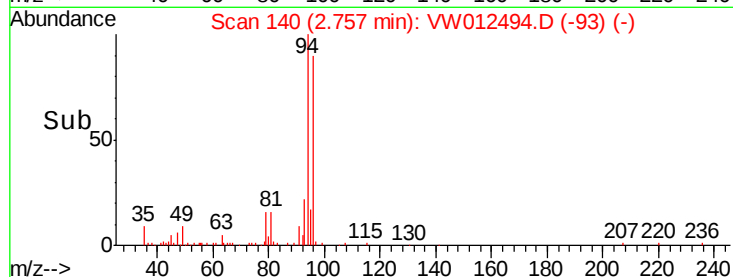
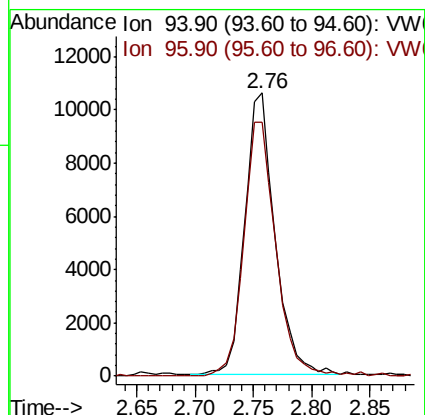
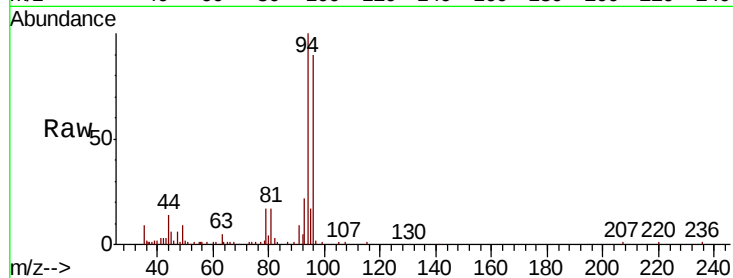
VW0902SBSD01

Tgt Ion: 94 Resp: 19168

Ion Ratio Lower Upper

94 100

96 90.3 72.9 109.3



#6

Chloroethane

Concen: 17.017 ug/l

RT: 2.90 min Scan# 164

Delta R.T. -0.01 min

Lab File: VW012494.D

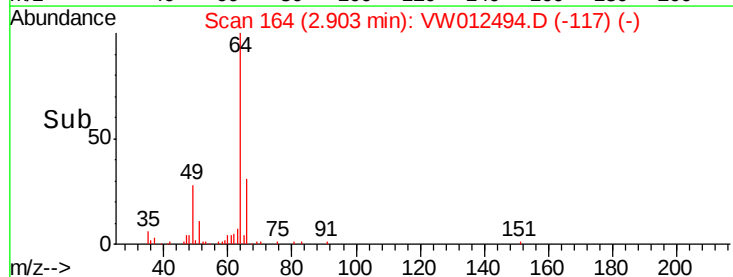
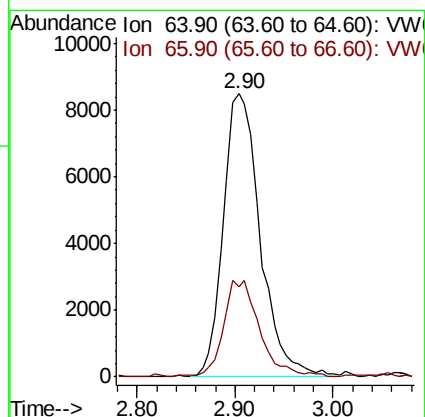
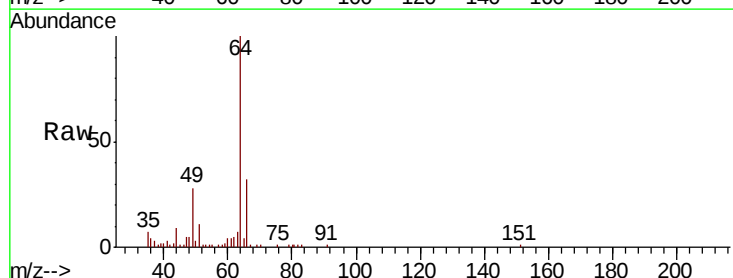
Acq: 02 Sep 2019 13:09

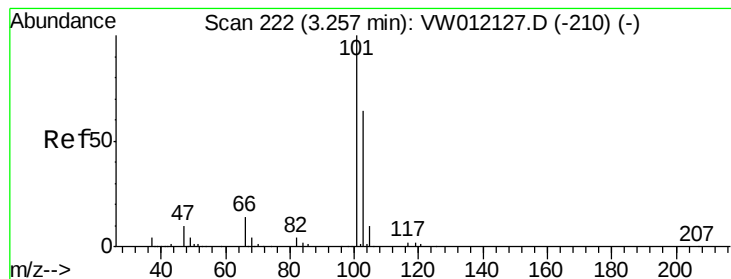
Tgt Ion: 64 Resp: 22259

Ion Ratio Lower Upper

64 100

66 31.6 23.8 35.8



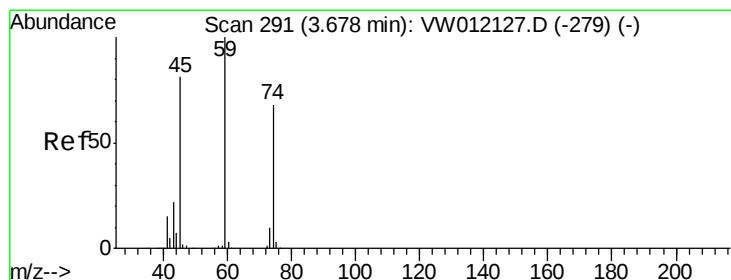
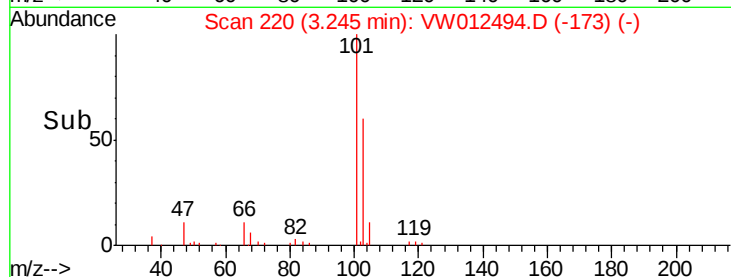
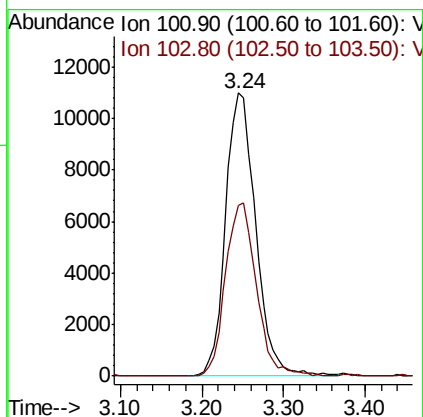
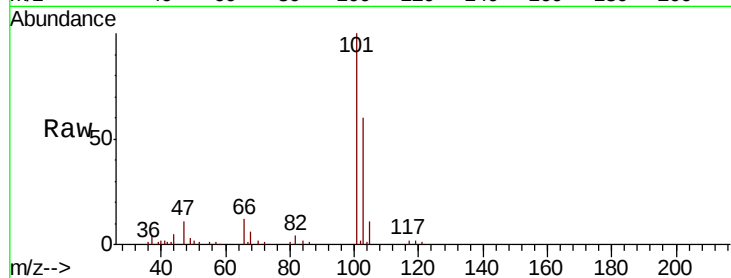


#7

Trichlorofluoromethane
 Concen: 24.094 ug/l
 RT: 3.24 min Scan# 220
 Delta R.T. -0.01 min
 Lab File: VW012494.D
 Acq: 02 Sep 2019 13:09

Instrument :
 MSVOA_W
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 VW0902SBSD01

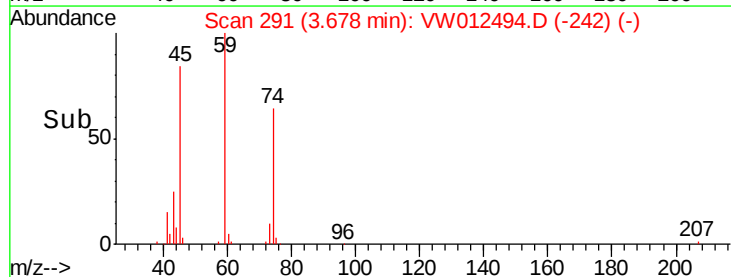
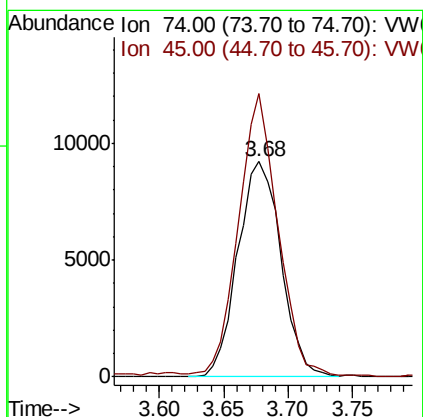
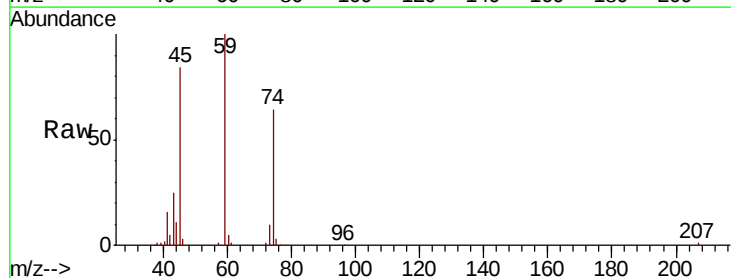
Tgt Ion:101 Resp: 28053
 Ion Ratio Lower Upper
 101 100
 103 60.2 51.2 76.8

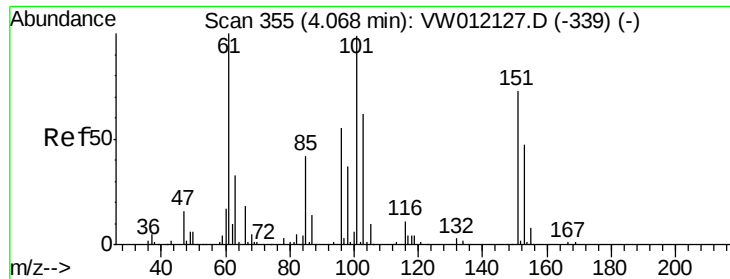


#8

Diethyl Ether
 Concen: 19.324 ug/l
 RT: 3.68 min Scan# 291
 Delta R.T. -0.00 min
 Lab File: VW012494.D
 Acq: 02 Sep 2019 13:09

Tgt Ion: 74 Resp: 21356
 Ion Ratio Lower Upper
 74 100
 45 121.9 59.2 177.6





#9

1,1,2-Trichlorotrifluoroethane

Concen: 20.296 ug/l

RT: 4.06 min Scan# 353

Delta R.T. -0.01 min

Lab File: VW012494.D

Acq: 02 Sep 2019 13:09

Instrument :

MSVOA_W

ClientSampleId :

VW0902SBSD01

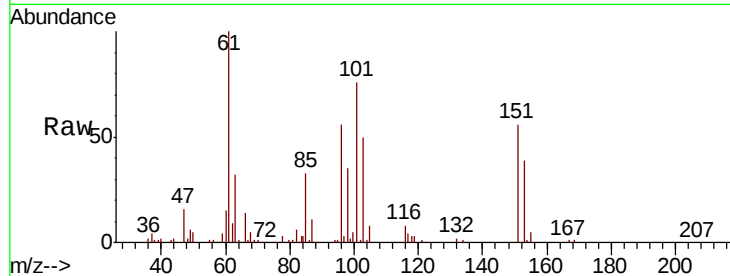
Tgt Ion:101 Resp: 40169

Ion Ratio Lower Upper

101 100

85 44.5 35.8 53.6

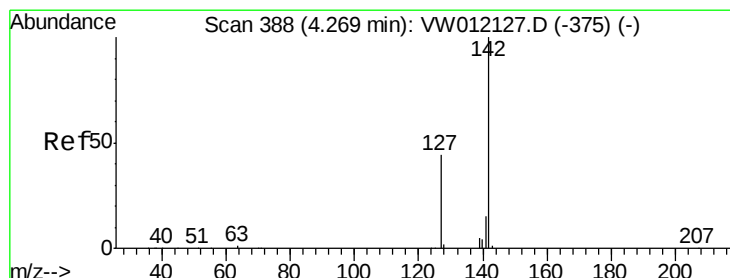
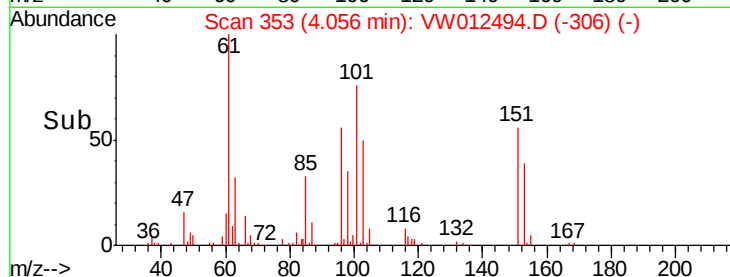
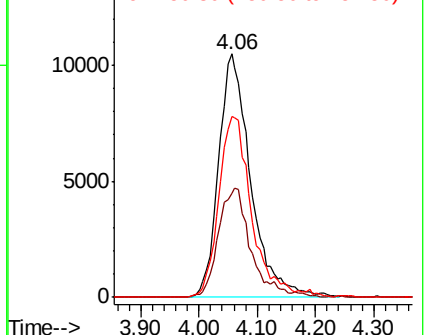
151 74.9 58.6 87.8



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): V

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 19.362 ug/l

RT: 4.27 min Scan# 388

Delta R.T. -0.00 min

Lab File: VW012494.D

Acq: 02 Sep 2019 13:09

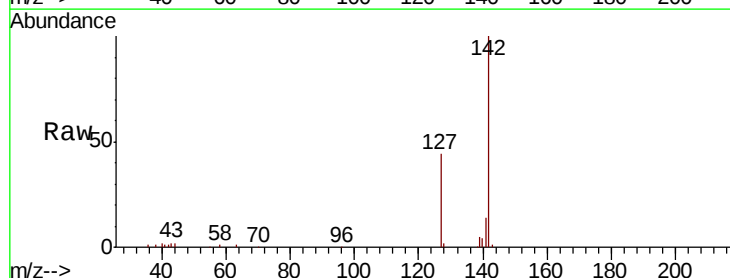
Tgt Ion:142 Resp: 51848

Ion Ratio Lower Upper

142 100

127 44.8 35.5 53.3

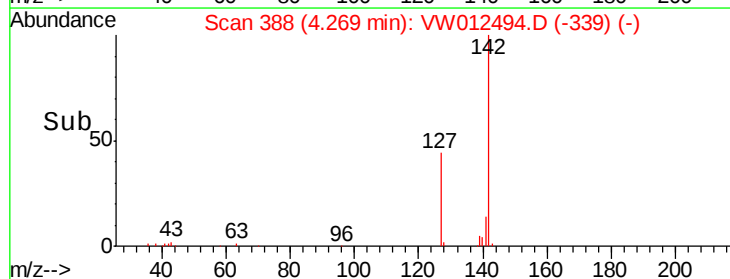
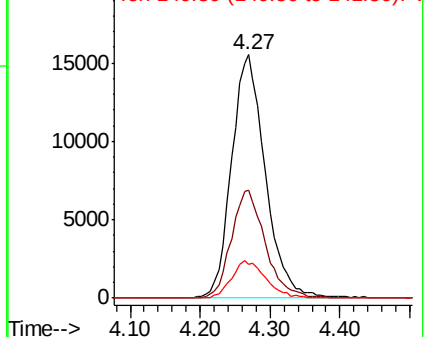
141 15.4 11.8 17.8

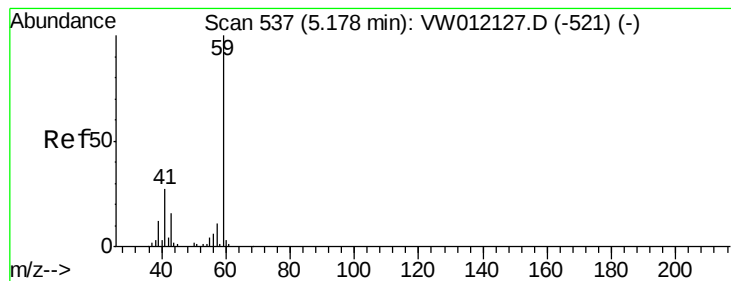


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



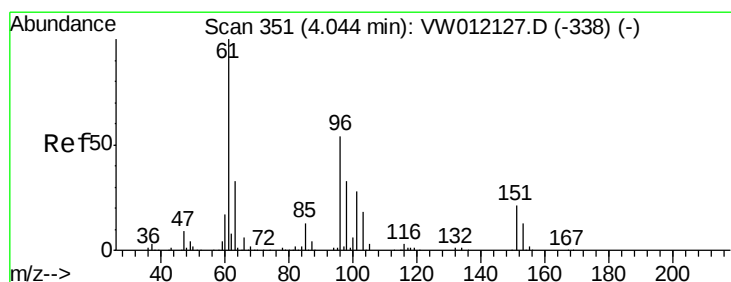
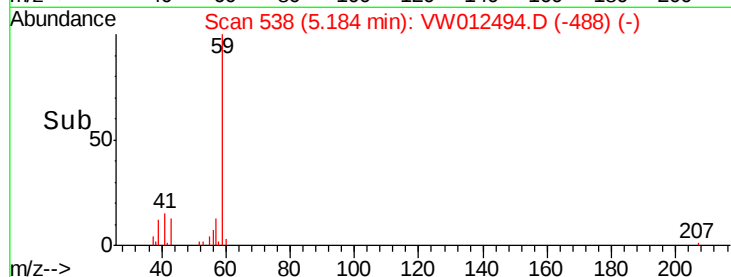
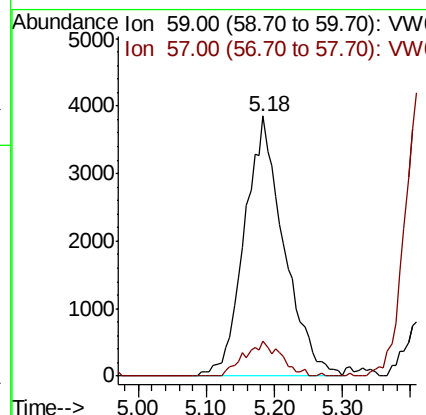
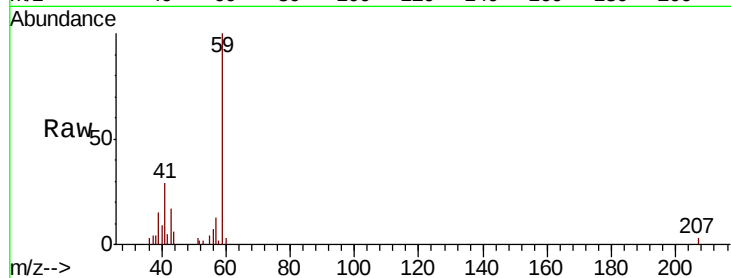


#11

Tert butyl alcohol
Concen: 109.388 ug/l
RT: 5.18 min Scan# 538
Delta R.T. 0.01 min
Lab File: VW012494.D
Acq: 02 Sep 2019 13:09

Instrument :
MSVOA_W
ClientSampleId :
VW0902SBSD01

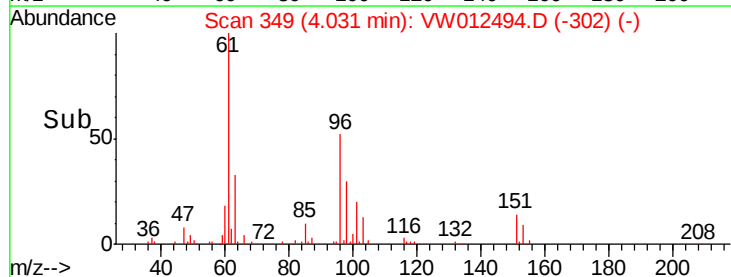
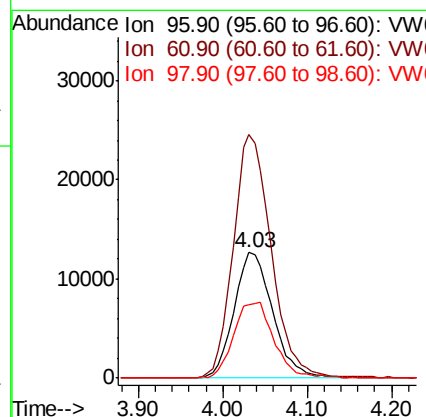
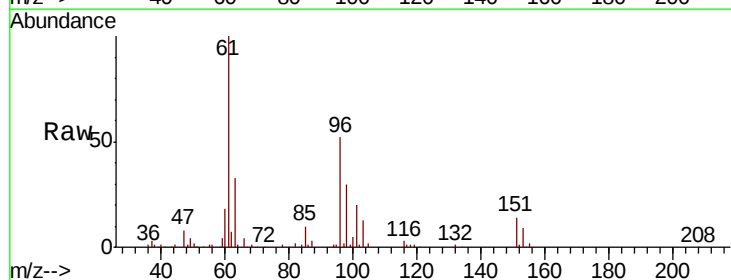
Tgt Ion: 59 Resp: 15541
Ion Ratio Lower Upper
59 100
57 12.3 9.0 13.4

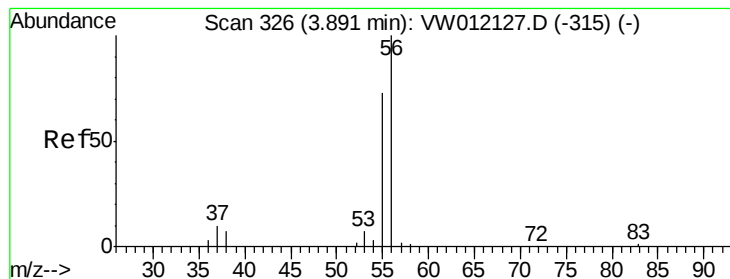


#12

1,1-Dichloroethene
Concen: 19.673 ug/l
RT: 4.03 min Scan# 349
Delta R.T. -0.01 min
Lab File: VW012494.D
Acq: 02 Sep 2019 13:09

Tgt Ion: 96 Resp: 39189
Ion Ratio Lower Upper
96 100
61 194.2 149.1 223.7
98 58.5 49.4 74.2





#13

Acrolein

Concen: 77.885 ug/l

RT: 3.89 min Scan# 326

Delta R.T. -0.00 min

Lab File: VW012494.D

Acq: 02 Sep 2019 13:09

Instrument :

MSVOA_W

ClientSampleId :

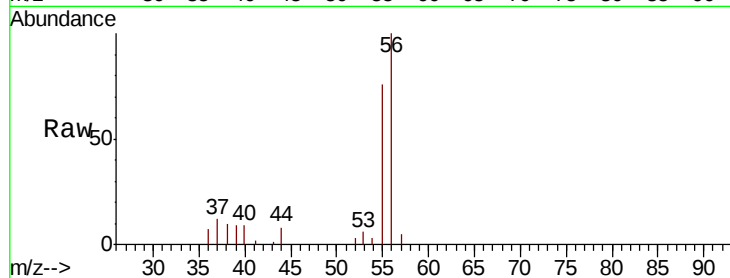
VW0902SBSD01

Tgt Ion: 56 Resp: 10416

Ion Ratio Lower Upper

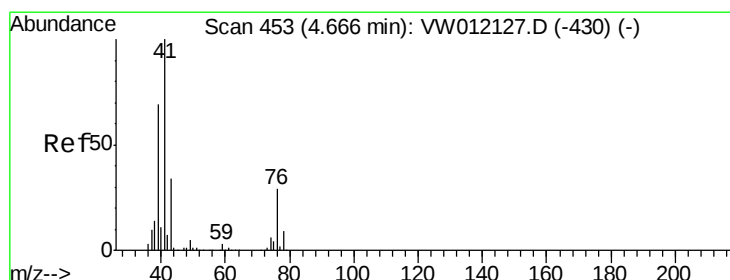
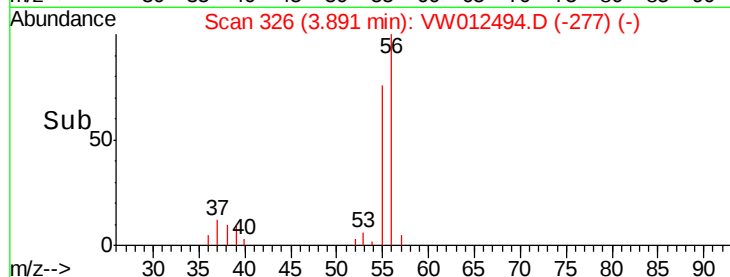
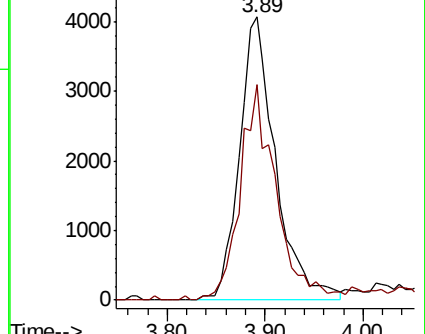
56 100

55 75.1 55.8 83.8



Abundance Ion 56.00 (55.70 to 56.70): VW

Ion 55.00 (54.70 to 55.70): VW



#14

Allyl chloride

Concen: 19.884 ug/l

RT: 4.66 min Scan# 452

Delta R.T. -0.01 min

Lab File: VW012494.D

Acq: 02 Sep 2019 13:09

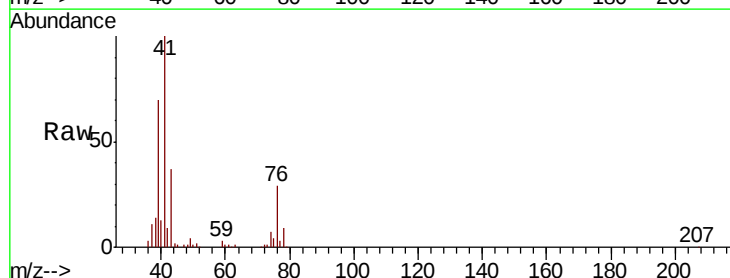
Tgt Ion: 41 Resp: 84680

Ion Ratio Lower Upper

41 100

39 68.6 53.4 80.2

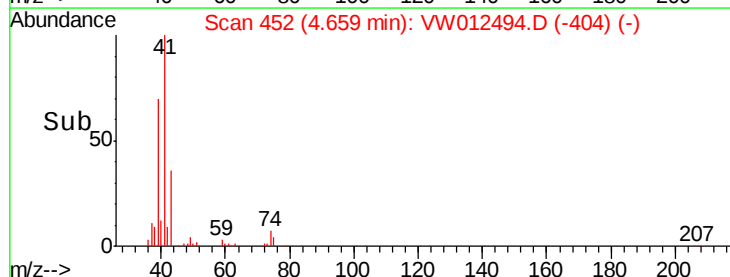
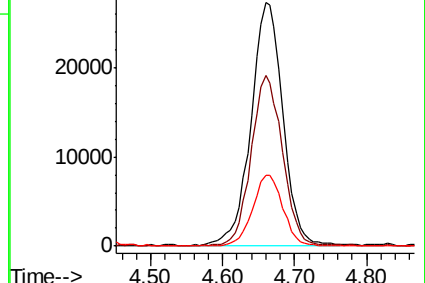
76 27.3 22.1 33.1

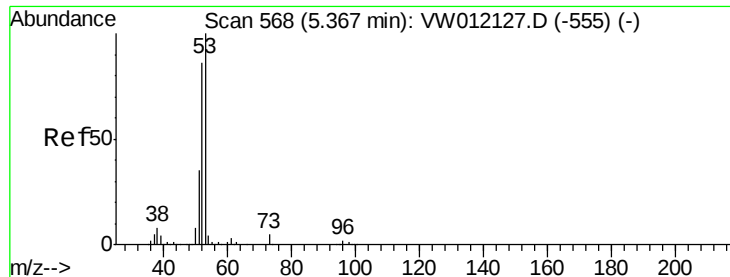


Abundance Ion 41.00 (40.70 to 41.70): VW

Ion 39.00 (38.70 to 39.70): VW

Ion 75.90 (75.60 to 76.60): VW





#15

Acrylonitrile

Concen: 106.595 ug/l

RT: 5.37 min Scan# 568

Delta R.T. -0.00 min

Lab File: VW012494.D

Acq: 02 Sep 2019 13:09

Instrument :

MSVOA_W

ClientSampleId :

VW0902SBSD01

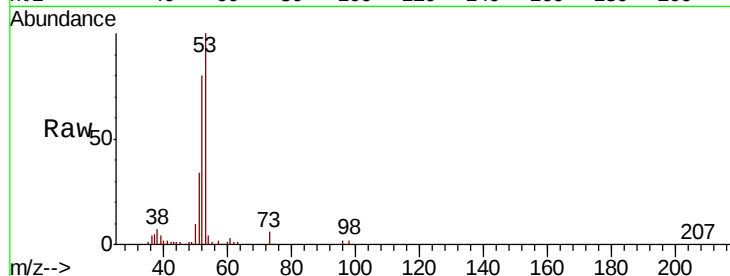
Tgt Ion: 53 Resp: 58392

Ion Ratio Lower Upper

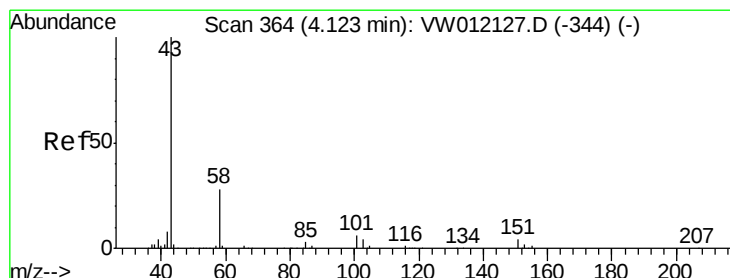
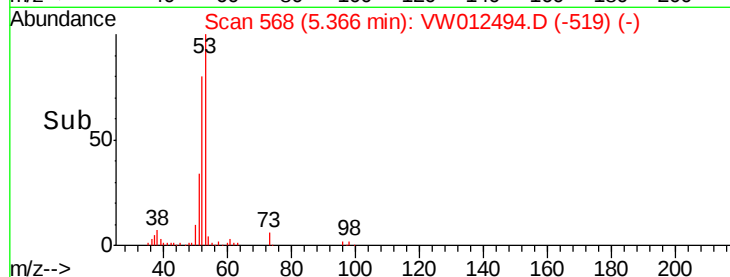
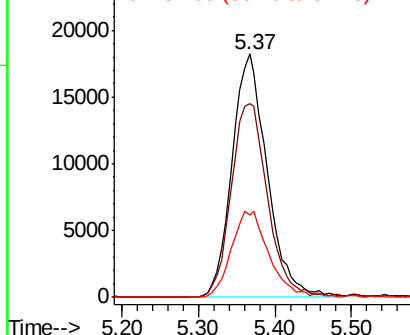
53 100

52 82.2 66.7 100.1

51 37.7 30.1 45.1



Abundance Ion 53.00 (52.70 to 53.70): VW
Ion 52.00 (51.70 to 52.70): VW
Ion 51.00 (50.70 to 51.70): VW



#16

Acetone

Concen: 95.840 ug/l

RT: 4.13 min Scan# 365

Delta R.T. 0.01 min

Lab File: VW012494.D

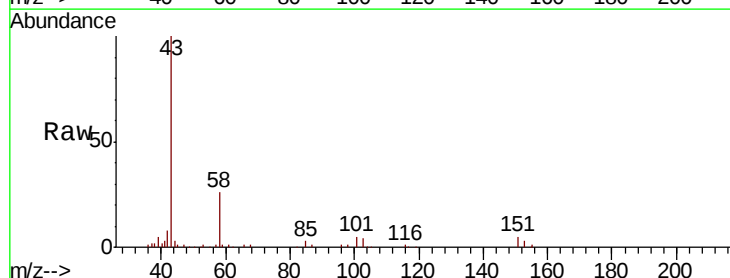
Acq: 02 Sep 2019 13:09

Tgt Ion: 43 Resp: 57837

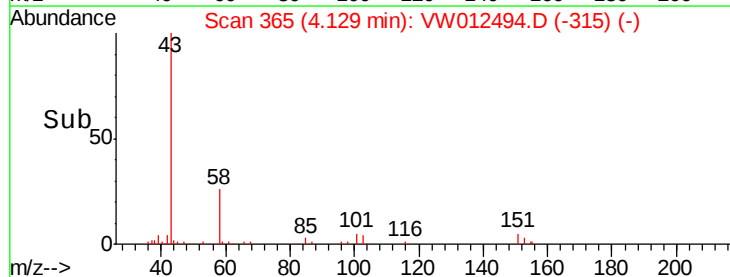
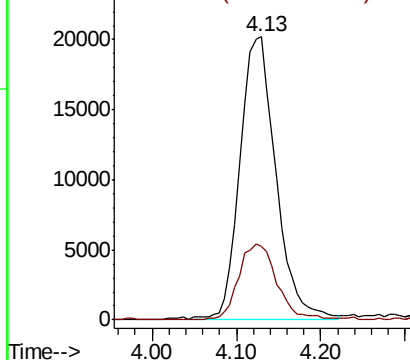
Ion Ratio Lower Upper

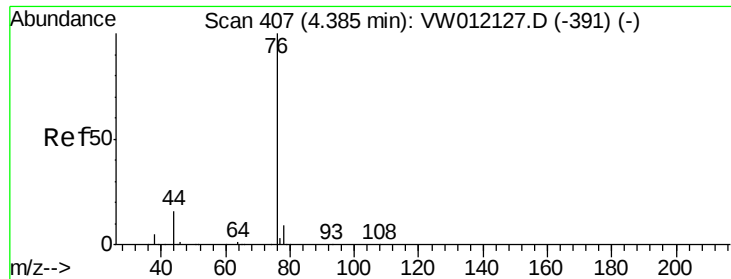
43 100

58 26.3 22.4 33.6



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

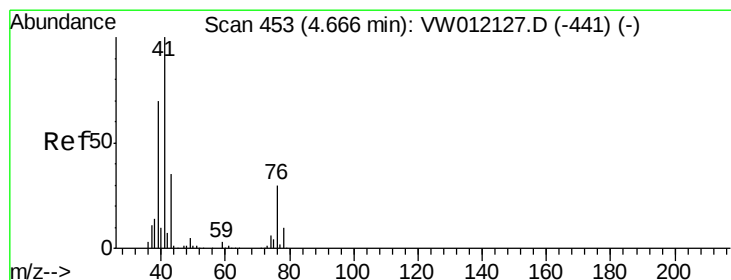
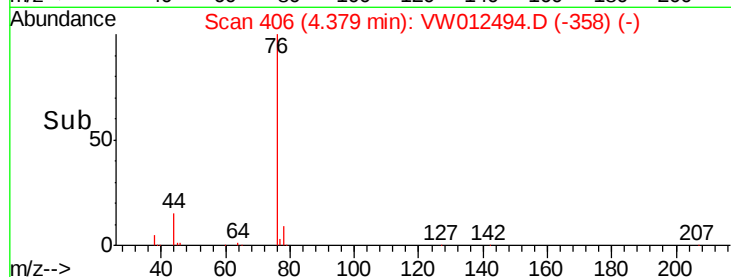
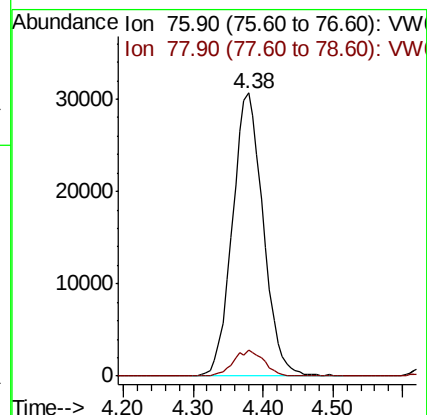
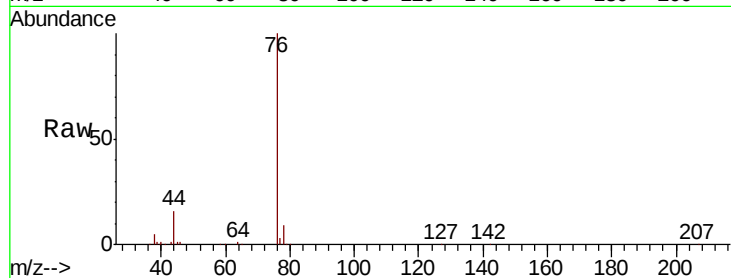




#17
Carbon Disulfide
Concen: 15.546 ug/l
RT: 4.38 min Scan# 406
Delta R.T. -0.01 min
Lab File: VW012494.D
Acq: 02 Sep 2019 13:09

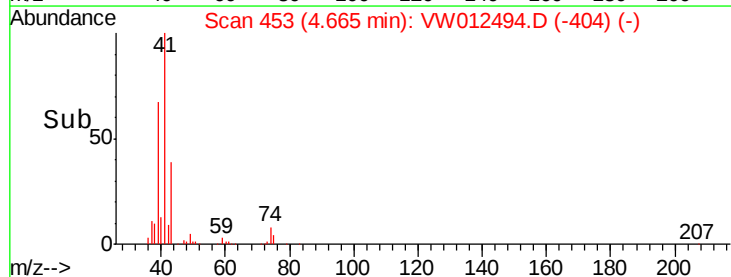
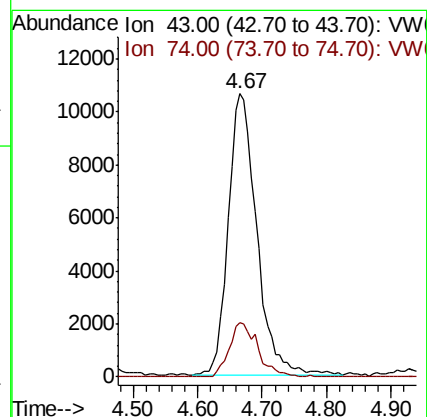
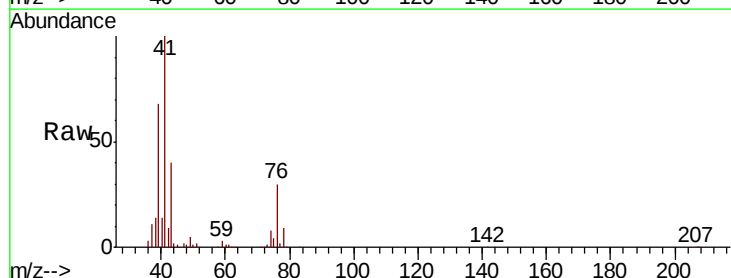
Instrument :
MSVOA_W
ClientSampleId :
VW0902SBSD01

Tgt Ion: 76 Resp: 93588
Ion Ratio Lower Upper
76 100
78 9.1 7.3 10.9



#18
Methyl Acetate
Concen: 22.205 ug/l
RT: 4.67 min Scan# 453
Delta R.T. -0.00 min
Lab File: VW012494.D
Acq: 02 Sep 2019 13:09

Tgt Ion: 43 Resp: 33190
Ion Ratio Lower Upper
43 100
74 19.3 15.7 23.5

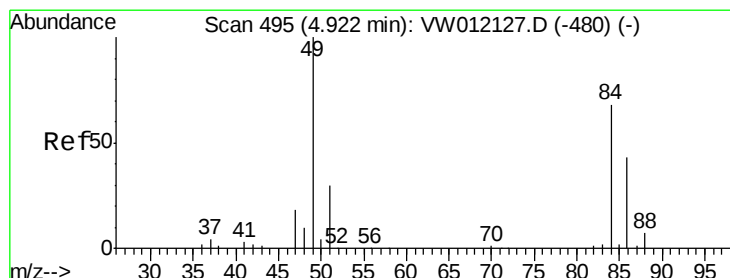
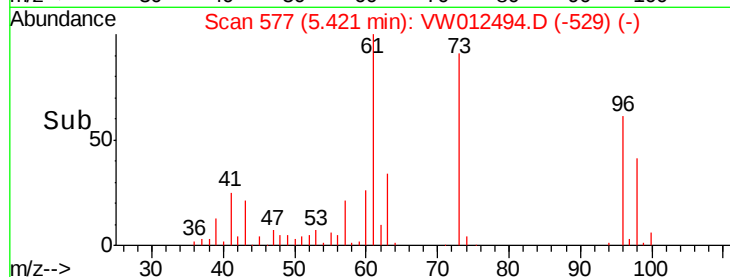
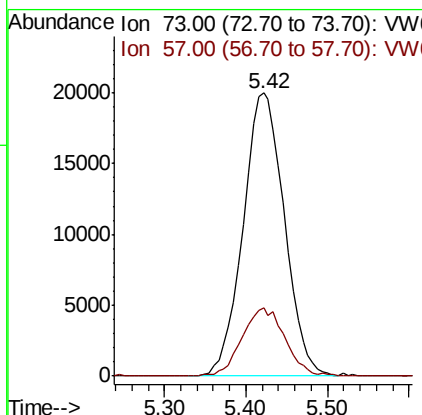
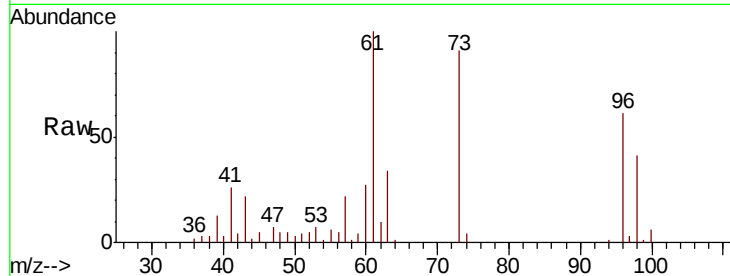




#19
Methyl tert-butyl Ether
Concen: 21.810 ug/l
RT: 5.42 min Scan# 577
Delta R.T. -0.01 min
Lab File: VW012494.D
Acq: 02 Sep 2019 13:09

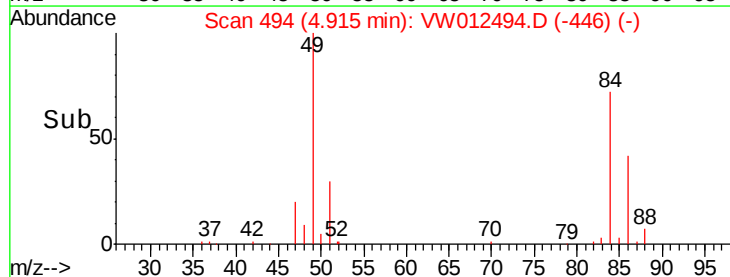
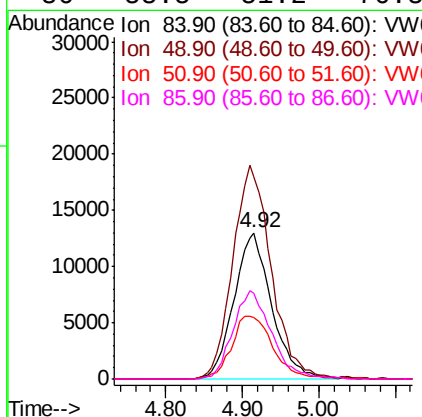
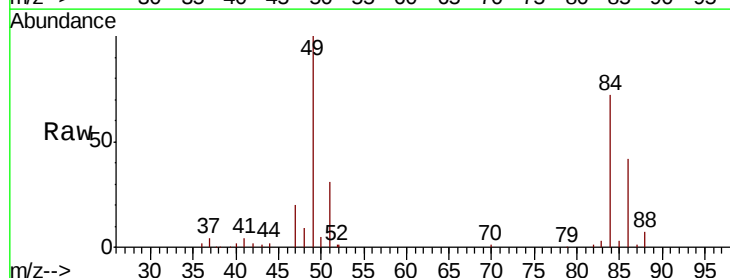
Instrument :
MSVOA_W
ClientSampleId :
VW0902SBSD01

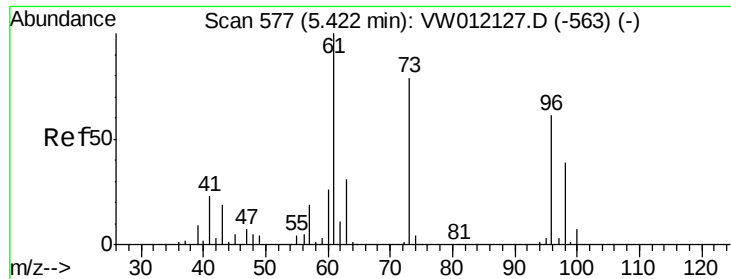
Tgt Ion: 73 Resp: 70258
Ion Ratio Lower Upper
73 100
57 24.1 18.9 28.3



#20
Methylene Chloride
Concen: 19.469 ug/l
RT: 4.92 min Scan# 494
Delta R.T. -0.01 min
Lab File: VW012494.D
Acq: 02 Sep 2019 13:09

Tgt Ion: 84 Resp: 44415
Ion Ratio Lower Upper
84 100
49 138.8 117.8 176.8
51 42.5 35.6 53.4
86 58.5 51.2 76.8





#21

trans-1,2-Dichloroethene

Concen: 19.753 ug/l

RT: 5.42 min Scan# 576

Delta R.T. -0.01 min

Lab File: VW012494.D

Acq: 02 Sep 2019 13:09

Instrument :

MSVOA_W

ClientSampleId :

VW0902SBSD01

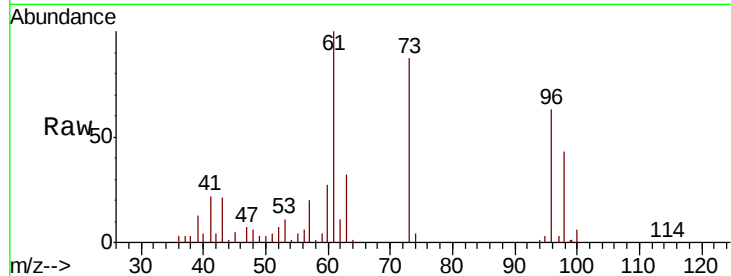
Tgt Ion: 96 Resp: 42195

Ion Ratio Lower Upper

96 100

61 158.6 131.4 197.0

98 67.6 51.4 77.0

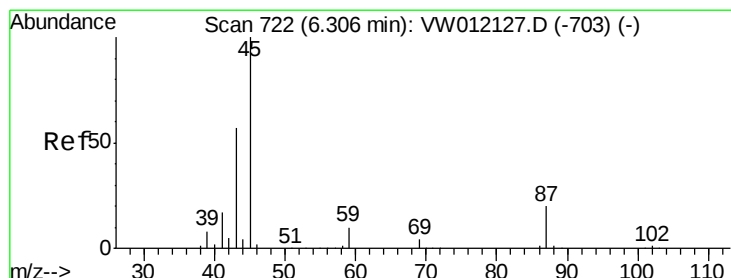
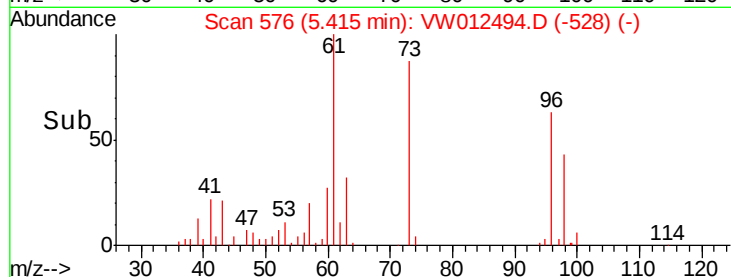
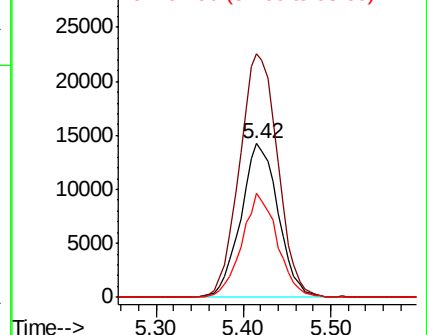


Abundance

Ion 95.90 (95.60 to 96.60): VW

Ion 60.90 (60.60 to 61.60): VW

Ion 97.90 (97.60 to 98.60): VW



#22

Diisopropyl ether

Concen: 20.728 ug/l

RT: 6.31 min Scan# 723

Delta R.T. 0.01 min

Lab File: VW012494.D

Acq: 02 Sep 2019 13:09

Tgt Ion: 45 Resp: 163618

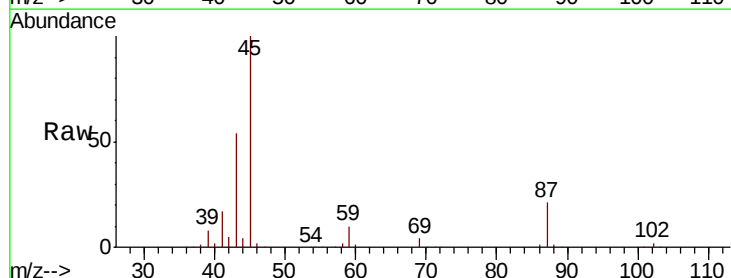
Ion Ratio Lower Upper

45 100

43 52.9 45.5 68.3

87 20.5 16.1 24.1

59 10.3 8.2 12.2



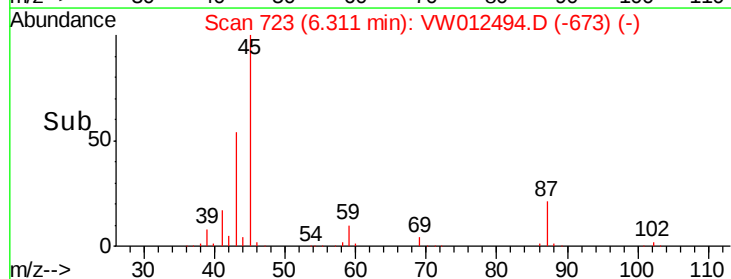
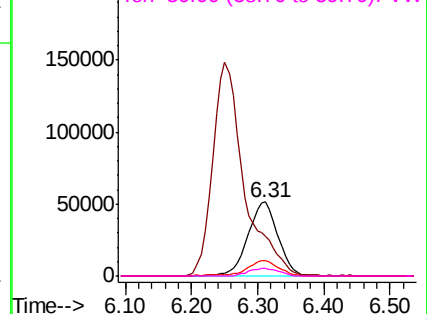
Abundance

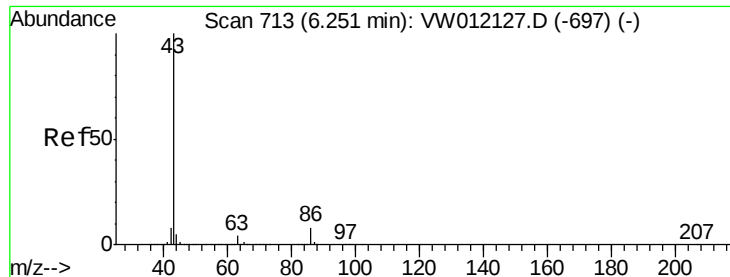
Ion 45.00 (44.70 to 45.70): VW

Ion 43.00 (42.70 to 43.70): VW

Ion 87.00 (86.70 to 87.70): VW

Ion 59.00 (58.70 to 59.70): VW

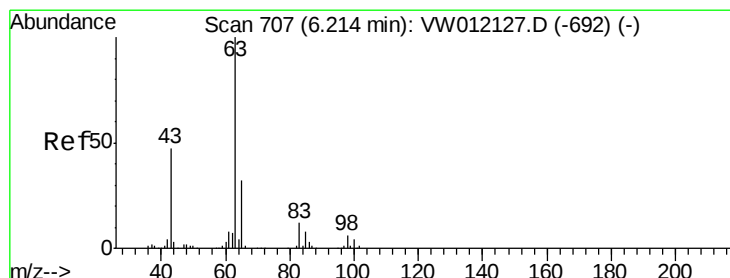
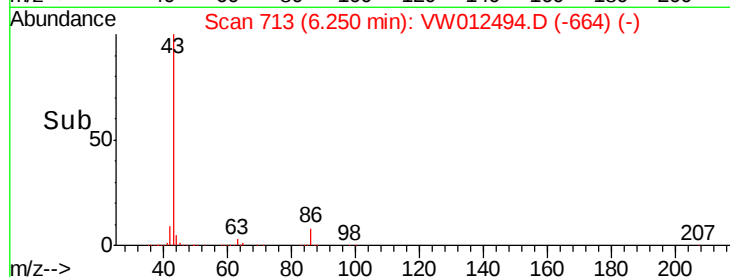
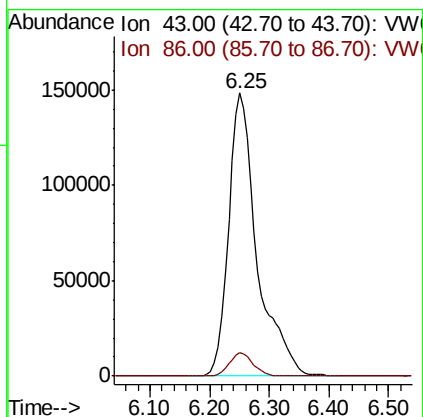
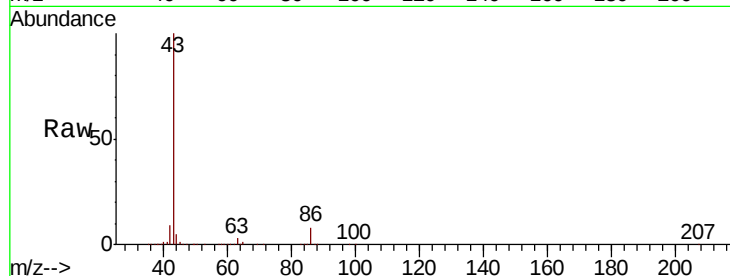




#23
 Vinyl Acetate
 Concen: 101.293 ug/l
 RT: 6.25 min Scan# 713
 Delta R.T. -0.00 min
 Lab File: VW012494.D
 Acq: 02 Sep 2019 13:09

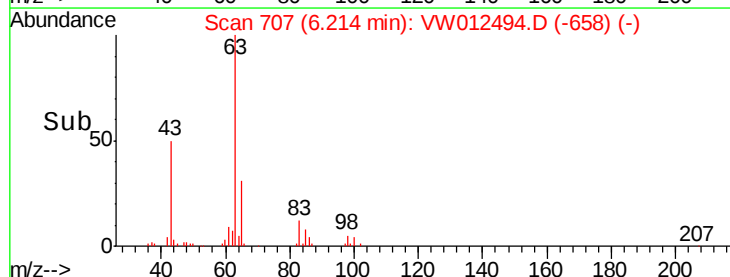
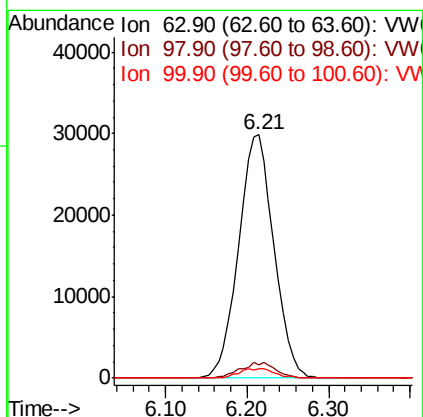
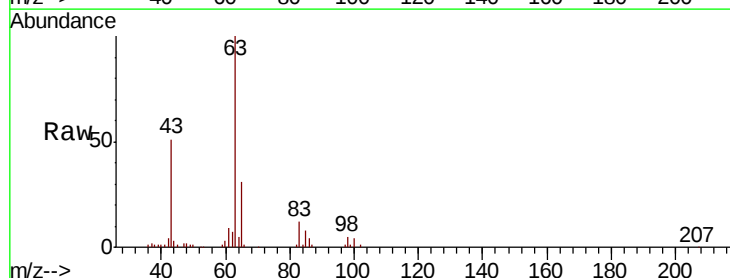
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0902SBSD01

Tgt Ion: 43 Resp: 492075
 Ion Ratio Lower Upper
 43 100
 86 8.3 6.5 9.7



#24
 1,1-Dichloroethane
 Concen: 20.827 ug/l
 RT: 6.21 min Scan# 707
 Delta R.T. -0.00 min
 Lab File: VW012494.D
 Acq: 02 Sep 2019 13:09

Tgt Ion: 63 Resp: 89515
 Ion Ratio Lower Upper
 63 100
 98 5.3 3.0 9.2
 100 4.0 2.0 6.0





#25

2-Butanone

Concen: 103.238 ug/l

RT: 7.17 min Scan# 864

Delta R.T. -0.00 min

Lab File: VW012494.D

Acq: 02 Sep 2019 13:09

Instrument :

MSVOA_W

ClientSampleId :

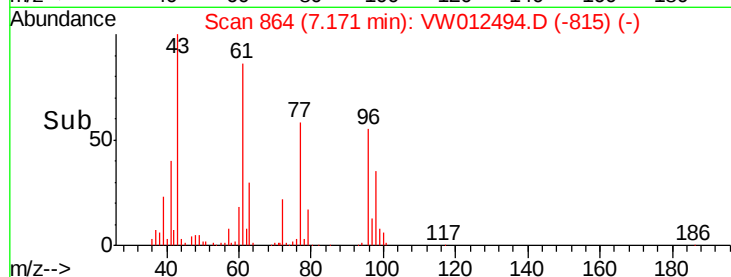
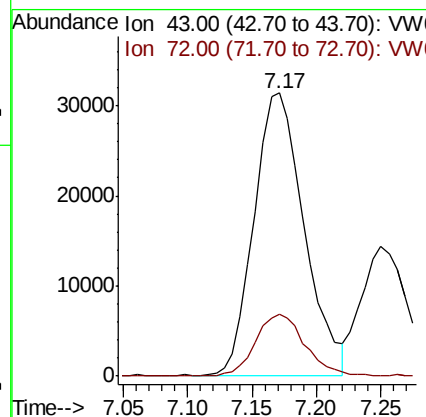
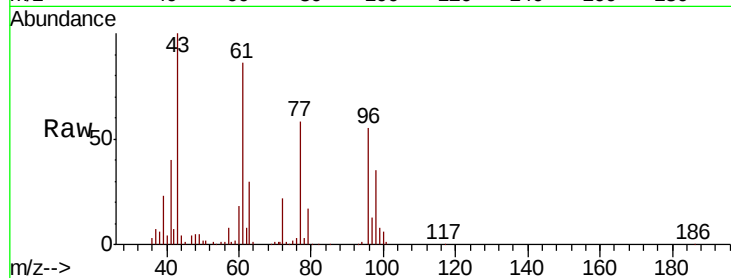
VW0902SBSD01

Tgt Ion: 43 Resp: 84660

Ion Ratio Lower Upper

43 100

72 22.1 16.6 24.8



#26

2,2-Dichloropropane

Concen: 22.753 ug/l

RT: 7.16 min Scan# 862

Delta R.T. -0.01 min

Lab File: VW012494.D

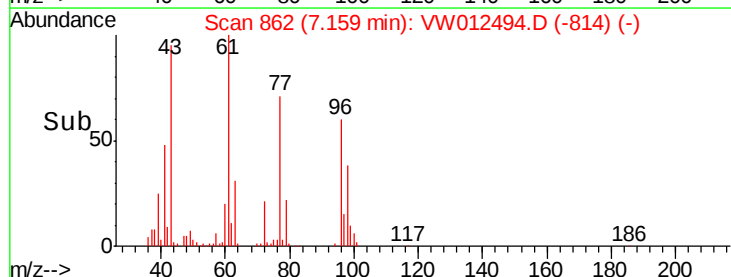
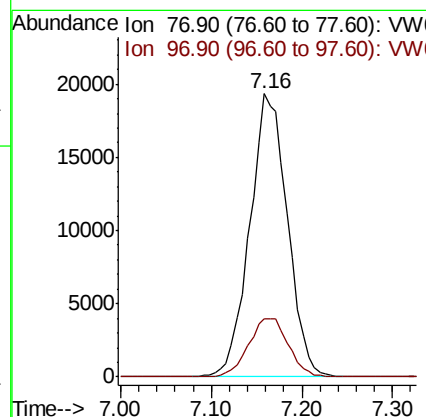
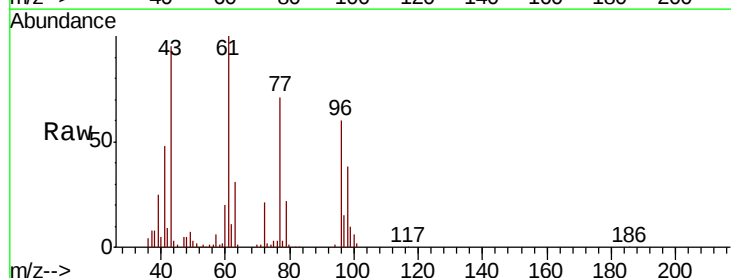
Acq: 02 Sep 2019 13:09

Tgt Ion: 77 Resp: 55352

Ion Ratio Lower Upper

77 100

97 21.9 11.1 33.1



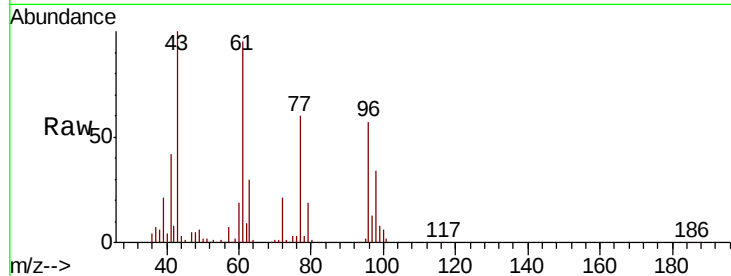


#27

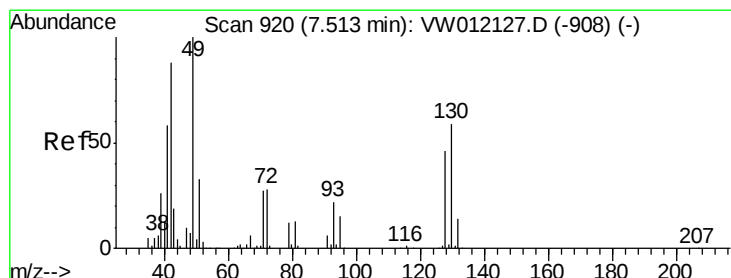
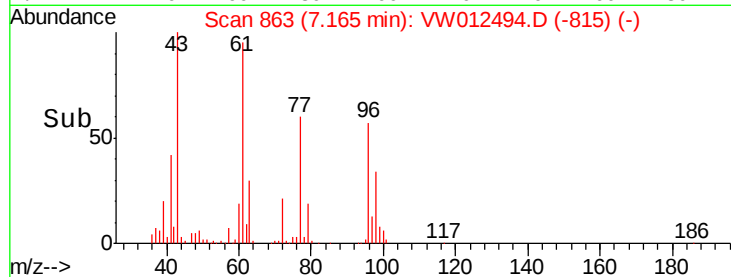
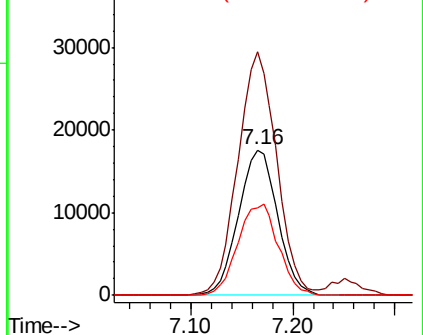
cis-1,2-Dichloroethene
Concen: 20.583 ug/l
RT: 7.16 min Scan# 863
Delta R.T. -0.01 min
Lab File: VW012494.D
Acq: 02 Sep 2019 13:09

Instrument :
MSVOA_W
ClientSampleId :
VW0902SBSD01

Tgt Ion: 96 Resp: 46975
Ion Ratio Lower Upper
96 100
61 166.0 0.0 326.6
98 64.5 0.0 127.4



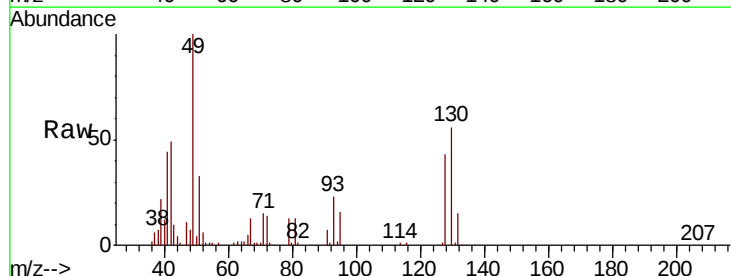
Abundance Ion 95.90 (95.60 to 96.60): VW
Ion 60.90 (60.60 to 61.60): VW
Ion 97.90 (97.60 to 98.60): VW



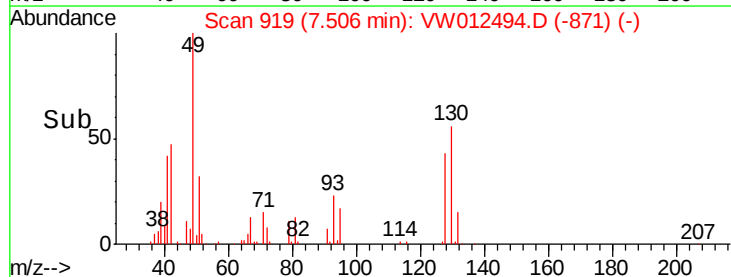
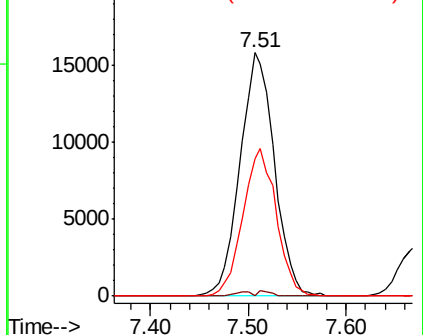
#28

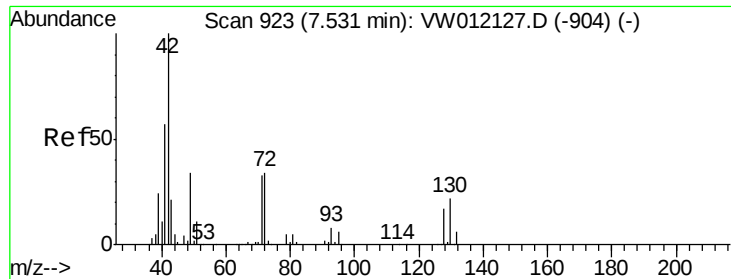
Bromochloromethane
Concen: 20.613 ug/l
RT: 7.51 min Scan# 919
Delta R.T. -0.01 min
Lab File: VW012494.D
Acq: 02 Sep 2019 13:09

Tgt Ion: 49 Resp: 38613
Ion Ratio Lower Upper
49 100
129 0.8 0.0 1.4
130 58.8 45.5 68.3



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

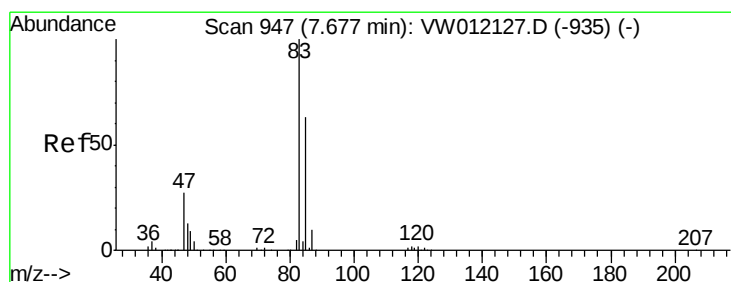
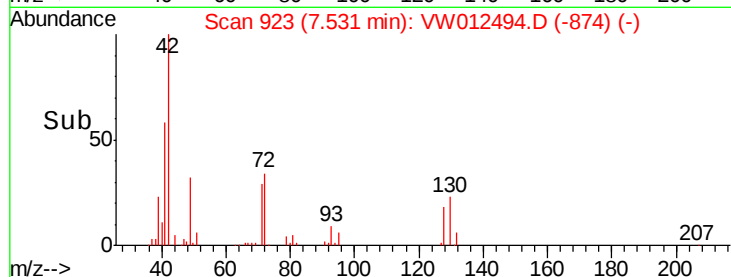
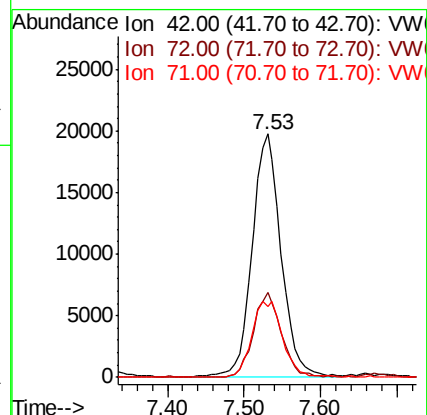
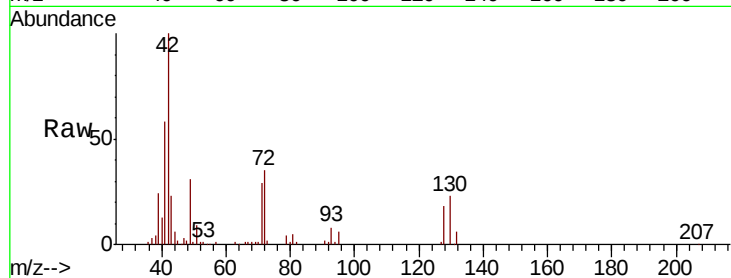




#29
Tetrahydrofuran
Concen: 106.174 ug/l
RT: 7.53 min Scan# 923
Delta R.T. -0.00 min
Lab File: VW012494.D
Acq: 02 Sep 2019 13:09

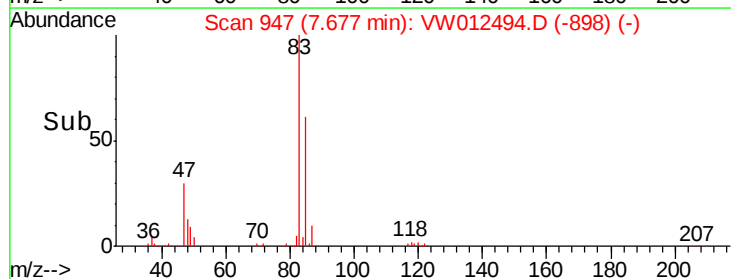
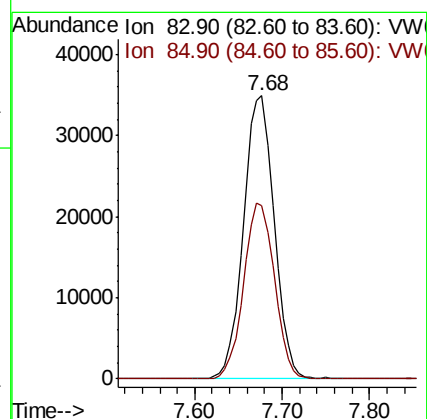
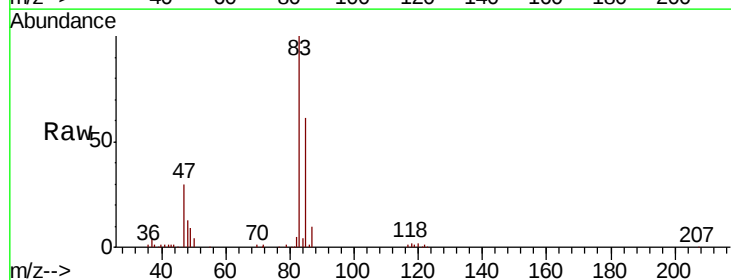
Instrument :
MSVOA_W
ClientSampleId :
VW0902SBSD01

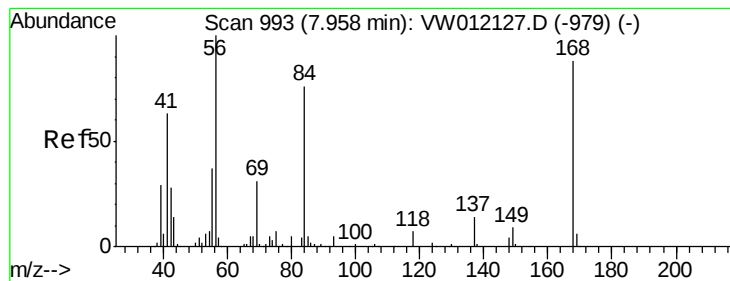
Tgt Ion: 42 Resp: 52237
Ion Ratio Lower Upper
42 100
72 33.6 27.3 40.9
71 32.8 25.5 38.3



#30
Chloroform
Concen: 21.693 ug/l
RT: 7.68 min Scan# 947
Delta R.T. -0.00 min
Lab File: VW012494.D
Acq: 02 Sep 2019 13:09

Tgt Ion: 83 Resp: 85301
Ion Ratio Lower Upper
83 100
85 61.2 50.6 76.0





#31

Cyclohexane

Concen: 18.480 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.01 min

Lab File: VW012494.D

Acq: 02 Sep 2019 13:09

Instrument :

MSVOA_W

ClientSampleId :

VW0902SBSD01

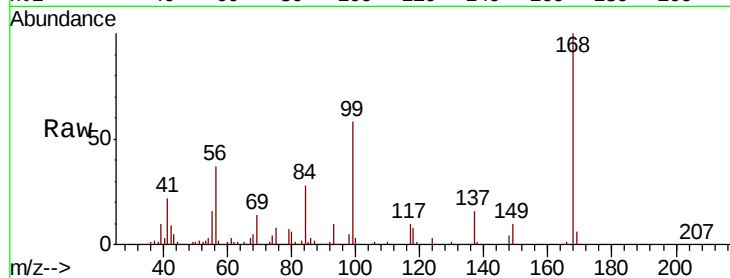
Tgt Ion: 56 Resp: 78581

Ion Ratio Lower Upper

56 100

69 37.1 24.9 37.3

84 74.6 60.6 90.8

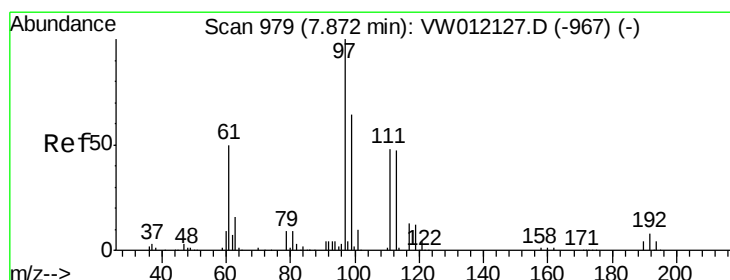
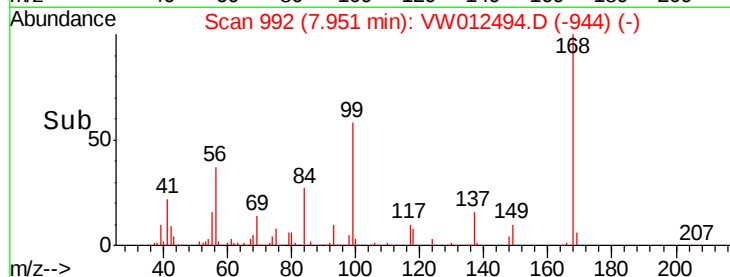
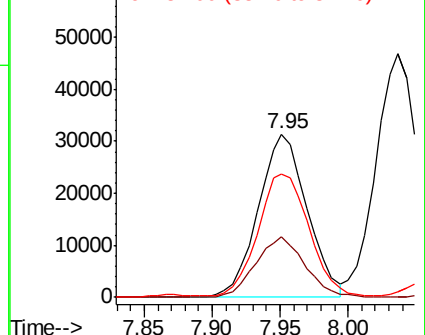


Abundance

Ion 56.00 (55.70 to 56.70): VW

Ion 69.00 (68.70 to 69.70): VW

Ion 84.00 (83.70 to 84.70): VW



#32

1,1,1-Trichloroethane

Concen: 22.528 ug/l

RT: 7.87 min Scan# 979

Delta R.T. -0.00 min

Lab File: VW012494.D

Acq: 02 Sep 2019 13:09

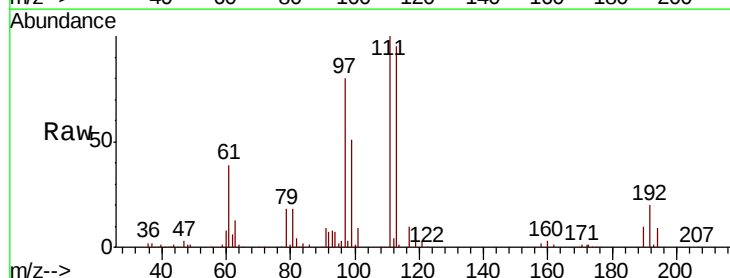
Tgt Ion: 97 Resp: 70077

Ion Ratio Lower Upper

97 100

99 61.2 51.4 77.0

61 48.0 39.5 59.3

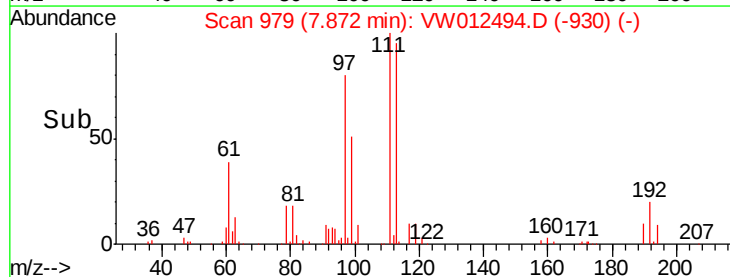
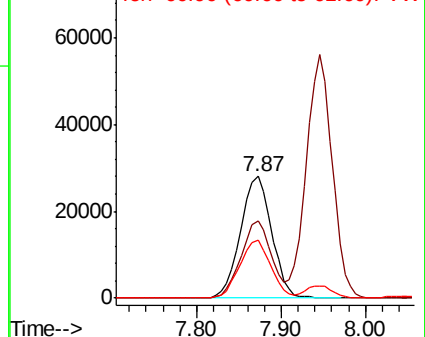


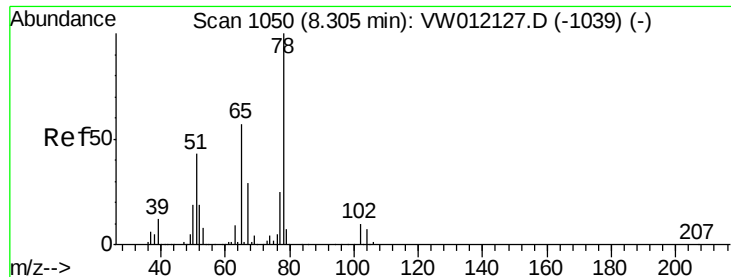
Abundance

Ion 96.90 (96.60 to 97.60): VW

Ion 98.90 (98.60 to 99.60): VW

Ion 60.90 (60.60 to 61.60): VW





#33

1,2-Dichloroethane-d4

Concen: 51.092 ug/l

RT: 8.30 min Scan# 1050

Delta R.T. -0.00 min

Lab File: VW012494.D

Acq: 02 Sep 2019 13:09

Instrument :

MSVOA_W

ClientSampleId :

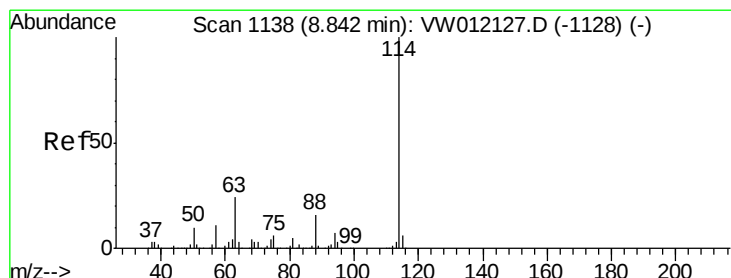
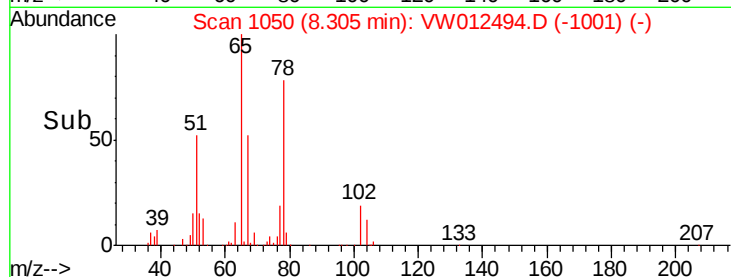
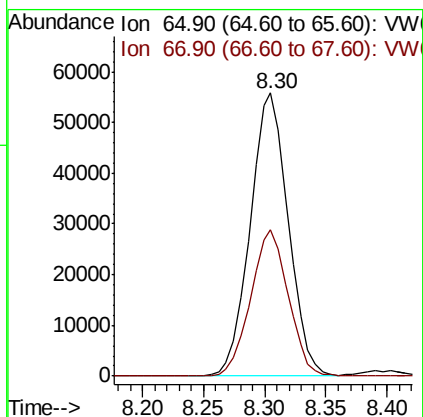
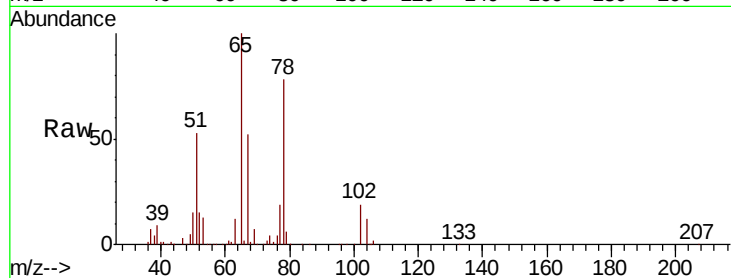
VW0902SBSD01

Tgt Ion: 65 Resp: 120619

Ion Ratio Lower Upper

65 100

67 51.2 0.0 102.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.84 min Scan# 1138

Delta R.T. -0.00 min

Lab File: VW012494.D

Acq: 02 Sep 2019 13:09

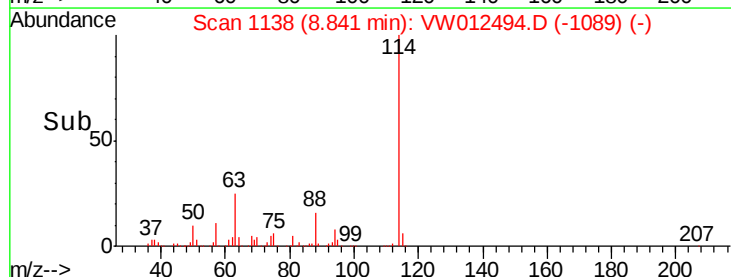
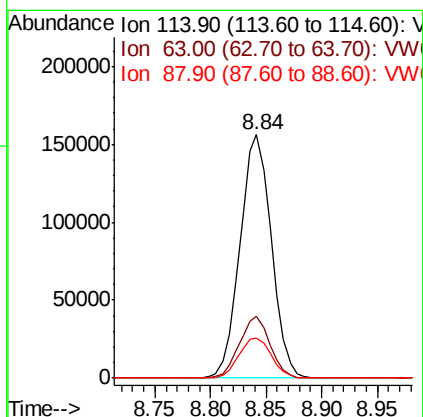
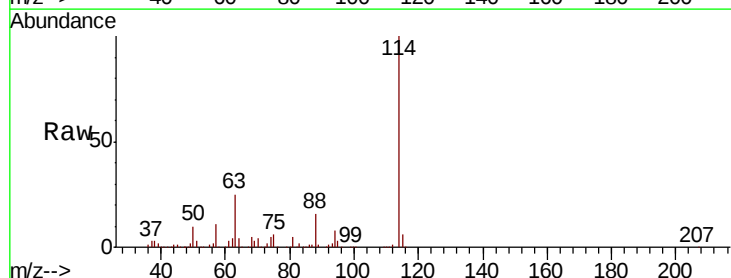
Tgt Ion: 114 Resp: 305771

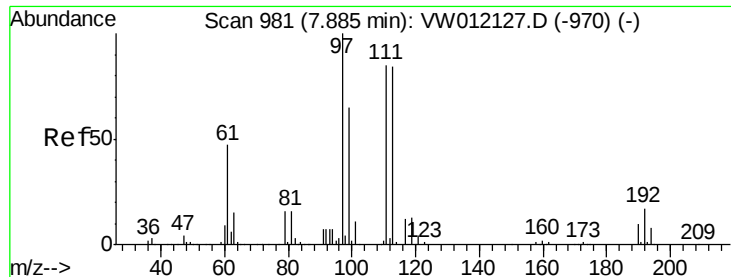
Ion Ratio Lower Upper

114 100

63 25.3 0.0 48.6

88 16.3 0.0 32.2





#35

Dibromofluoromethane

Concen: 52.052 ug/l

RT: 7.88 min Scan# 981

Delta R.T. -0.00 min

Lab File: VW012494.D

Acq: 02 Sep 2019 13:09

Instrument :

MSVOA_W

ClientSampleId :

VW0902SBSD01

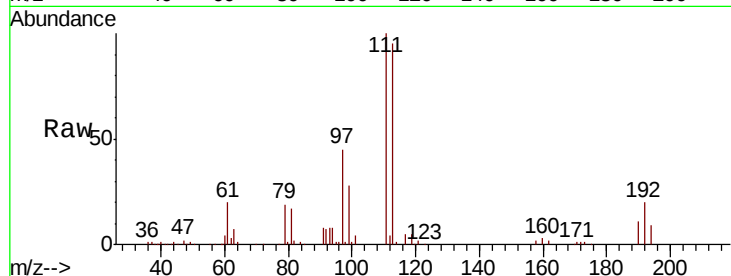
Tgt Ion:113 Resp: 95003

Ion Ratio Lower Upper

113 100

111 104.0 82.7 124.1

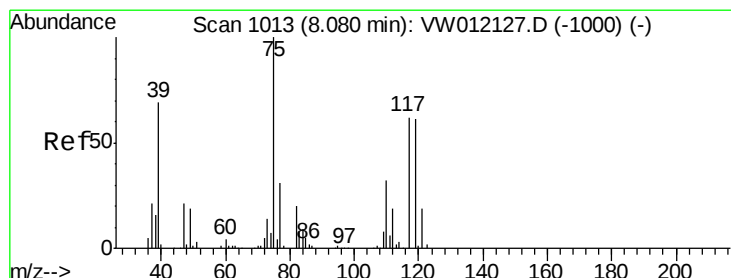
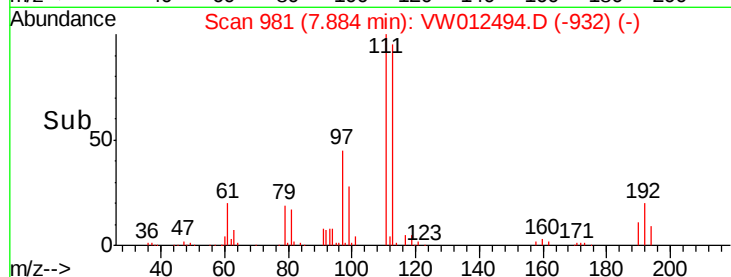
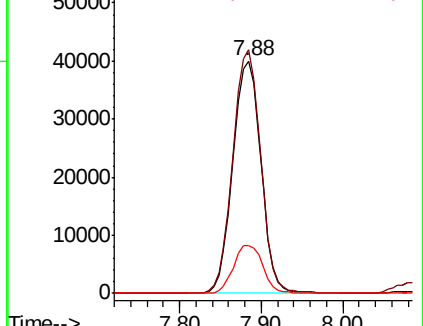
192 21.4 16.2 24.2



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 20.966 ug/l

RT: 8.08 min Scan# 1013

Delta R.T. -0.00 min

Lab File: VW012494.D

Acq: 02 Sep 2019 13:09

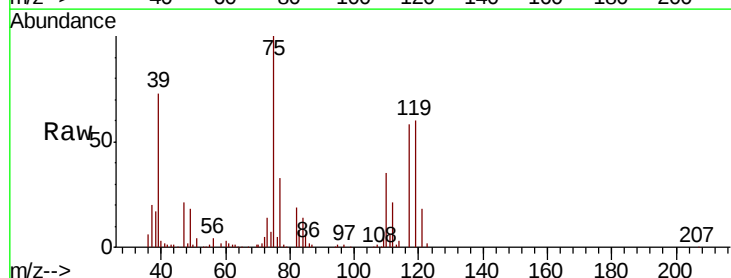
Tgt Ion: 75 Resp: 66249

Ion Ratio Lower Upper

75 100

110 32.1 15.6 46.8

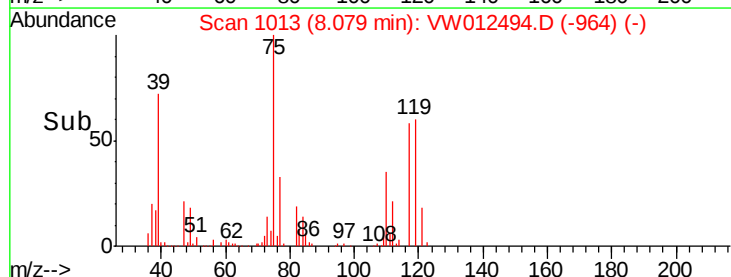
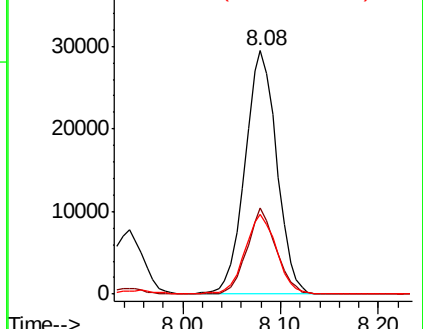
77 32.9 24.6 36.8

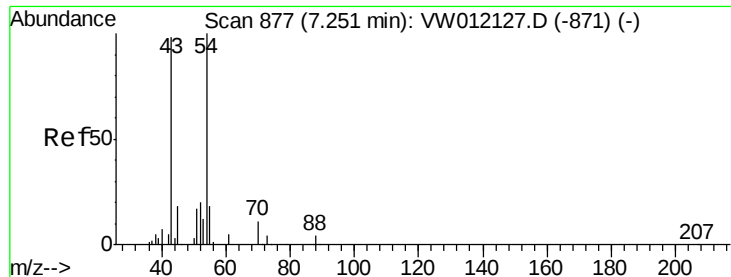


Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VW

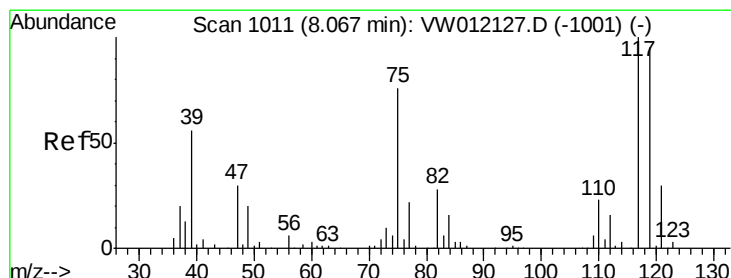
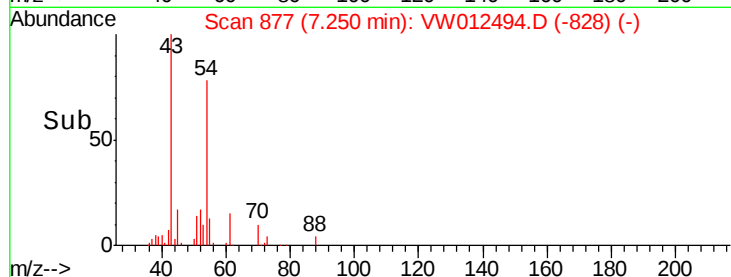
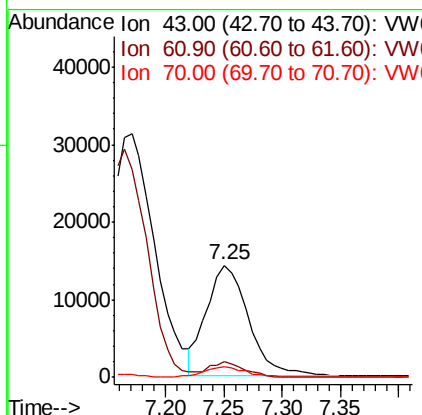
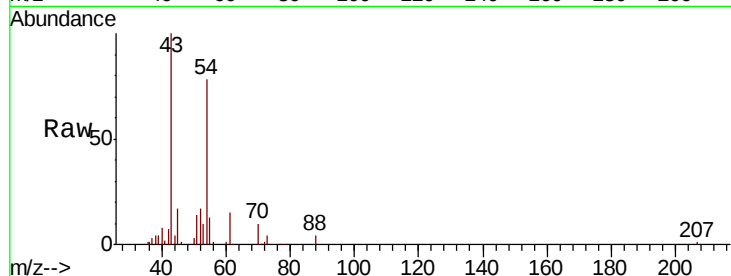




#37
Ethyl Acetate
Concen: 20.797 ug/l
RT: 7.25 min Scan# 877
Delta R.T. -0.00 min
Lab File: VW012494.D
Acq: 02 Sep 2019 13:09

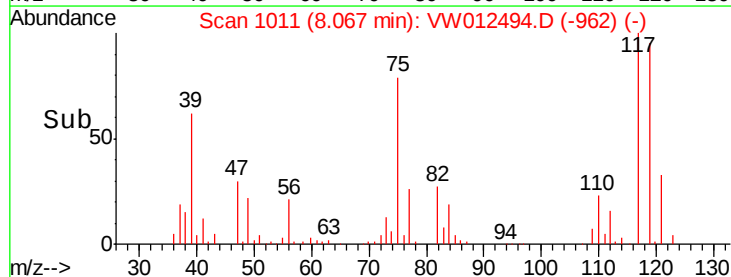
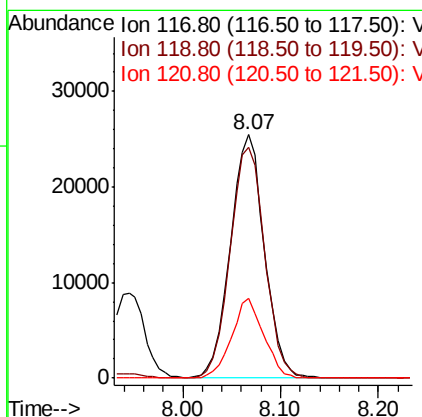
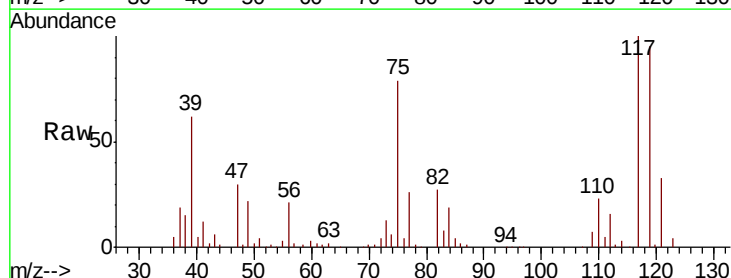
Instrument :
MSVOA_W
ClientSampleId :
VW0902SBSD01

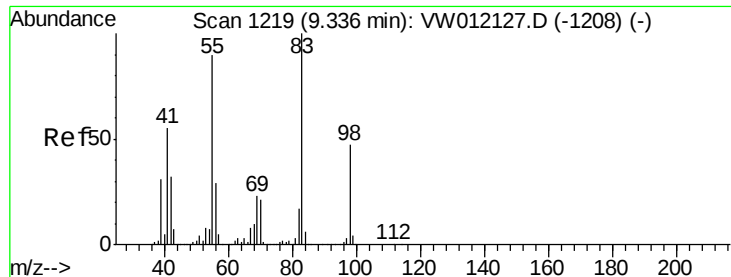
Tgt Ion: 43 Resp: 36010
Ion Ratio Lower Upper
43 100
61 11.5 9.2 13.8
70 9.3 6.9 10.3



#38
Carbon Tetrachloride
Concen: 22.395 ug/l
RT: 8.07 min Scan# 1011
Delta R.T. -0.00 min
Lab File: VW012494.D
Acq: 02 Sep 2019 13:09

Tgt Ion: 117 Resp: 61248
Ion Ratio Lower Upper
117 100
119 94.6 76.2 114.2
121 32.6 23.8 35.8

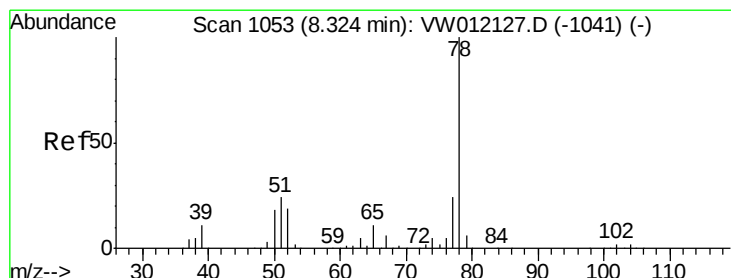
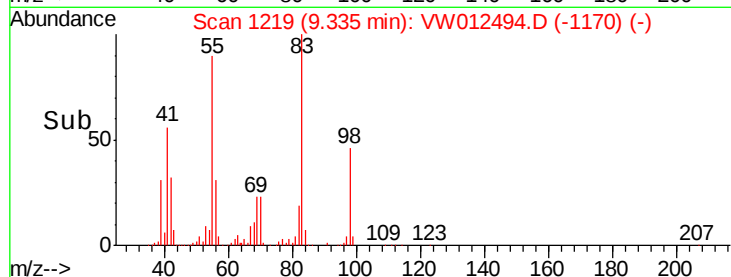
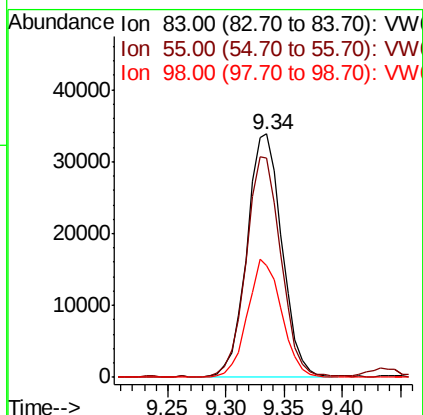
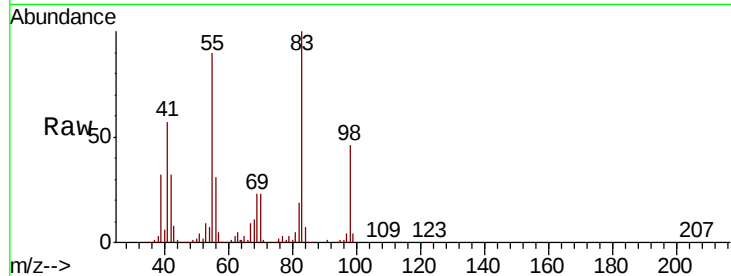




#39
Methylcyclohexane
Concen: 20.087 ug/l
RT: 9.34 min Scan# 1219
Delta R.T. -0.00 min
Lab File: VW012494.D
Acq: 02 Sep 2019 13:09

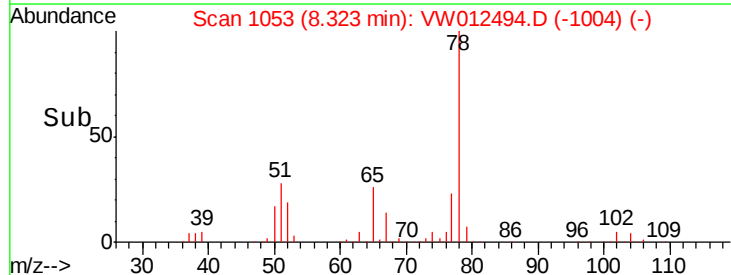
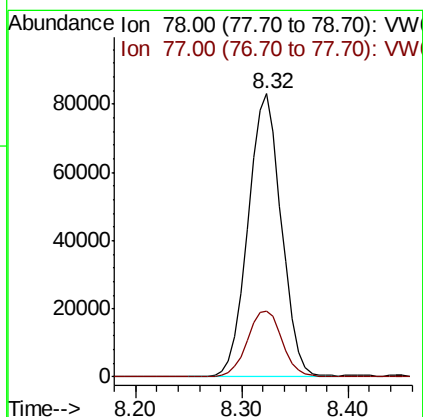
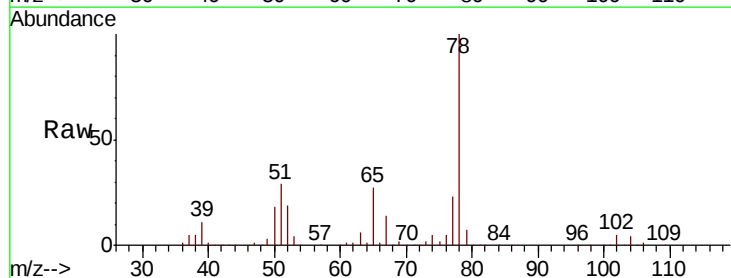
Instrument :
MSVOA_W
ClientSampleId :
VW0902SBSD01

Tgt Ion: 83 Resp: 71304
Ion Ratio Lower Upper
83 100
55 89.6 71.8 107.8
98 46.1 37.8 56.8



#40
Benzene
Concen: 21.152 ug/l
RT: 8.32 min Scan# 1053
Delta R.T. -0.00 min
Lab File: VW012494.D
Acq: 02 Sep 2019 13:09

Tgt Ion: 78 Resp: 182498
Ion Ratio Lower Upper
78 100
77 23.2 19.5 29.3





#41

Methacrylonitrile

Concen: 21.416 ug/l

RT: 7.48 min Scan# 915

Delta R.T. -0.00 min

Lab File: VW012494.D

Acq: 02 Sep 2019 13:09

Instrument :

MSVOA_W

ClientSampled :

VW0902SBSD01

Tgt Ion: 41 Resp: 21795

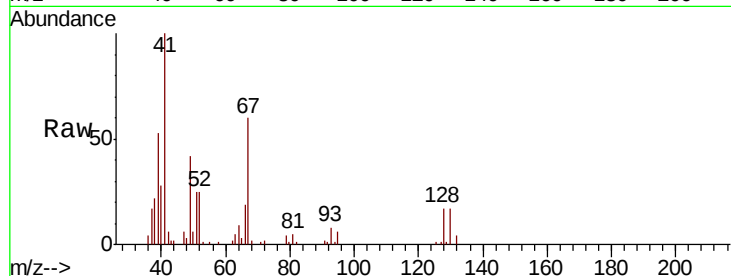
Ion Ratio Lower Upper

41 100

39 61.2 45.8 68.8

67 60.6 46.2 69.4

52 28.5 21.0 31.6

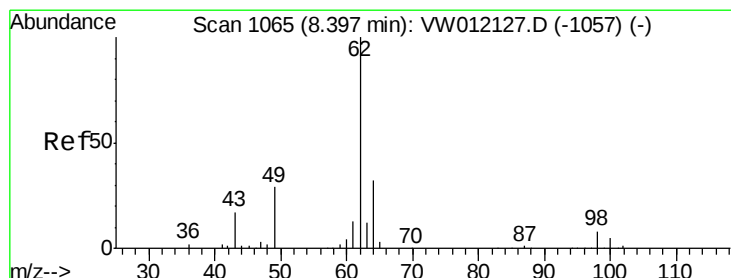
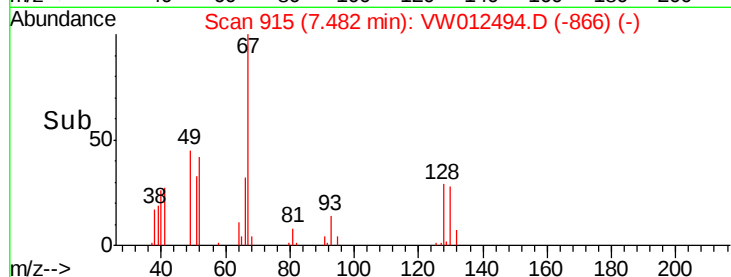
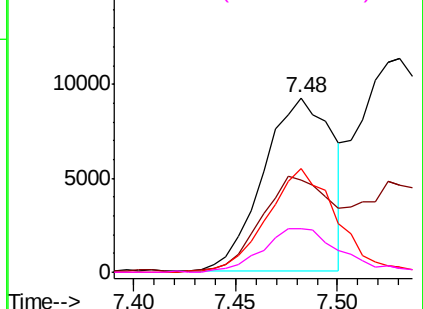


Abundance Ion 41.00 (40.70 to 41.70): VW

Ion 39.00 (38.70 to 39.70): VW

Ion 67.00 (66.70 to 67.70): VW

Ion 52.00 (51.70 to 52.70): VW



#42

1,2-Dichloroethane

Concen: 22.119 ug/l

RT: 8.40 min Scan# 1065

Delta R.T. -0.00 min

Lab File: VW012494.D

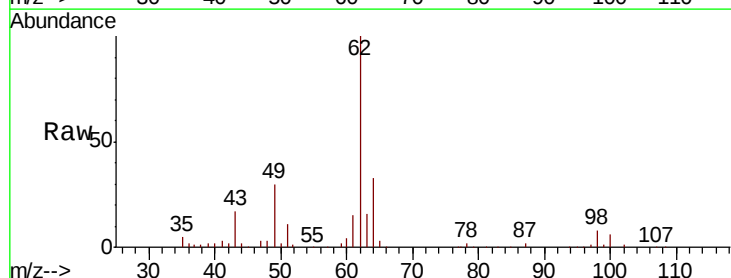
Acq: 02 Sep 2019 13:09

Tgt Ion: 62 Resp: 59813

Ion Ratio Lower Upper

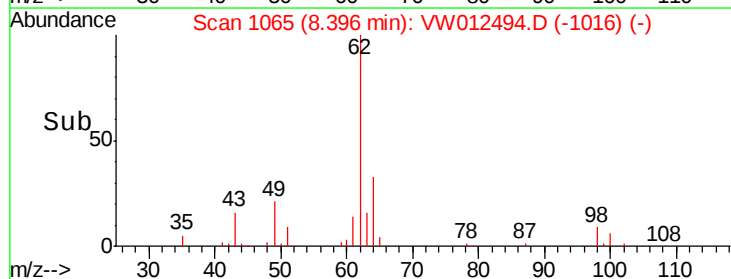
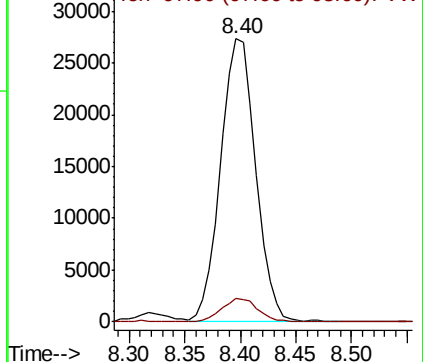
62 100

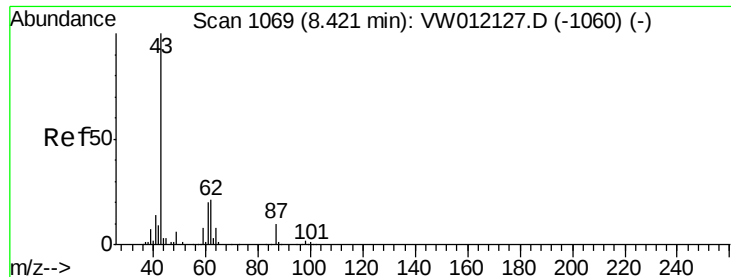
98 8.6 0.0 16.6



Abundance Ion 61.90 (61.60 to 62.60): VW

Ion 97.90 (97.60 to 98.60): VW





#43

Isopropyl Acetate

Concen: 21.718 ug/l

RT: 8.42 min Scan# 1069

Delta R.T. -0.00 min

Lab File: VW012494.D

Acq: 02 Sep 2019 13:09

Instrument :

MSVOA_W

ClientSampleId :

VW0902SBSD01

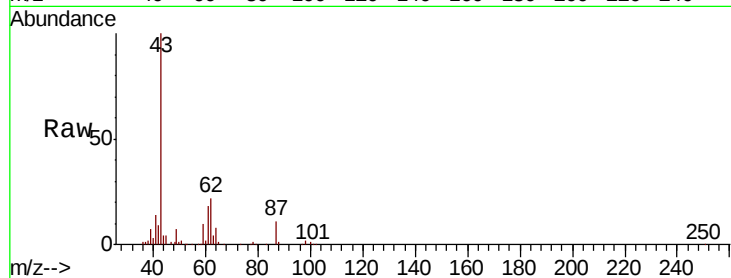
Tgt Ion: 43 Resp: 69658

Ion Ratio Lower Upper

43 100

61 25.3 21.1 31.7

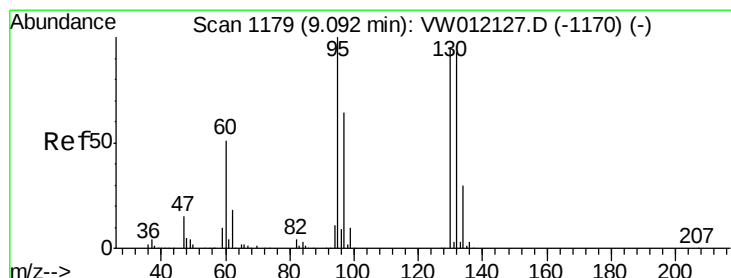
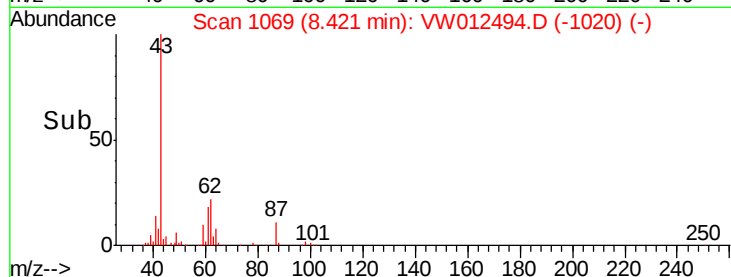
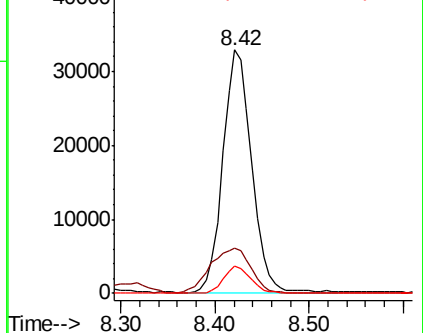
87 10.7 8.2 12.2



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 61.00 (60.70 to 61.70): VW

Ion 87.00 (86.70 to 87.70): VW



#44

Trichloroethene

Concen: 21.670 ug/l

RT: 9.09 min Scan# 1179

Delta R.T. -0.00 min

Lab File: VW012494.D

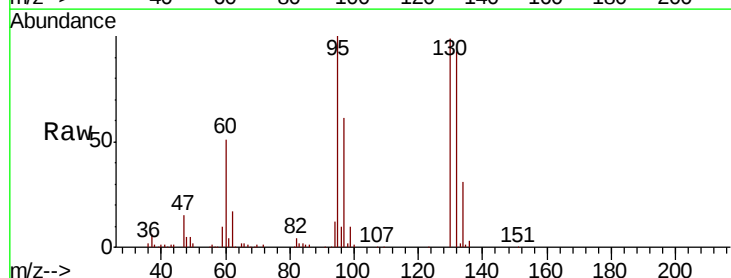
Acq: 02 Sep 2019 13:09

Tgt Ion: 130 Resp: 45452

Ion Ratio Lower Upper

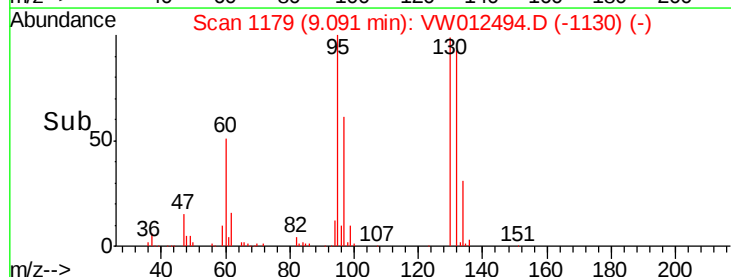
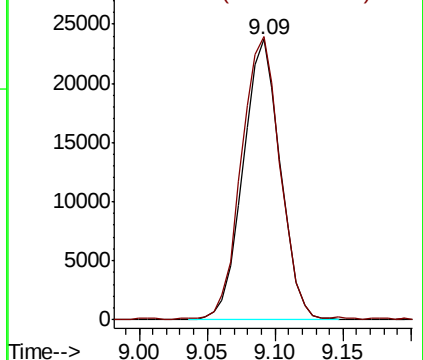
130 100

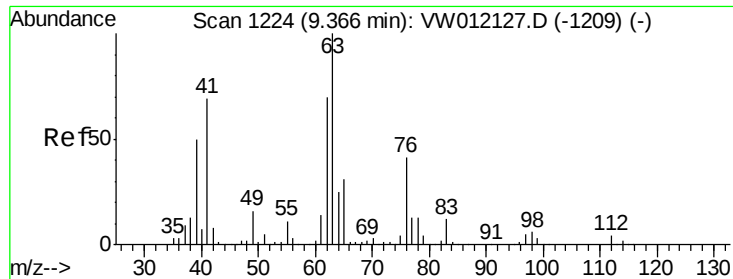
95 100.5 0.0 210.6



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VW

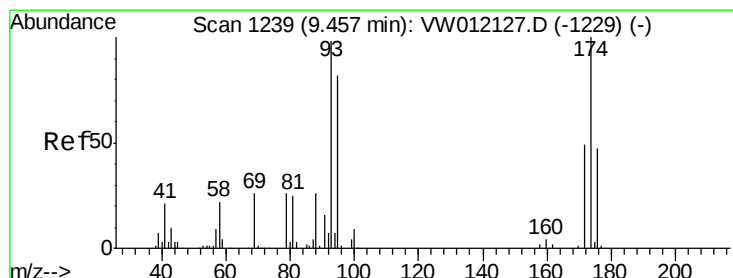
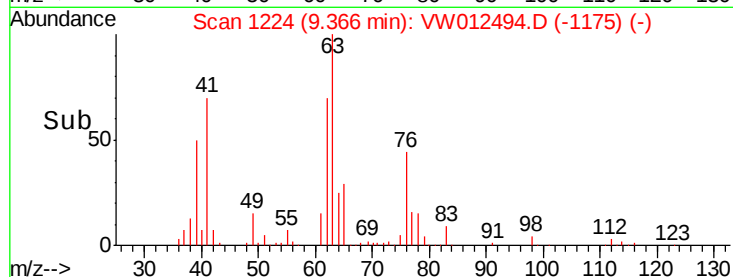
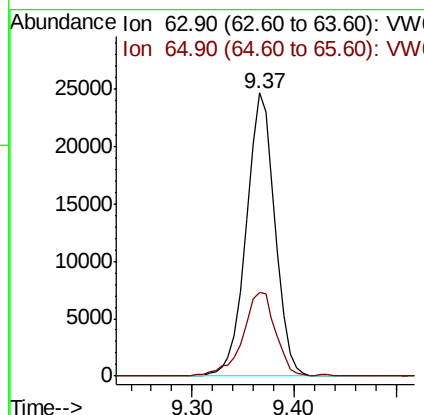
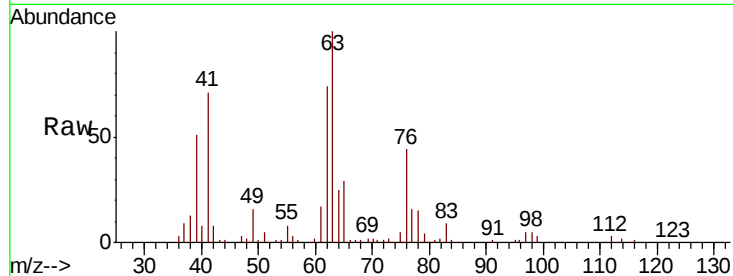




#45
 1,2-Dichloropropane
 Concen: 20.813 ug/l
 RT: 9.37 min Scan# 1224
 Delta R.T. -0.00 min
 Lab File: VW012494.D
 Acq: 02 Sep 2019 13:09

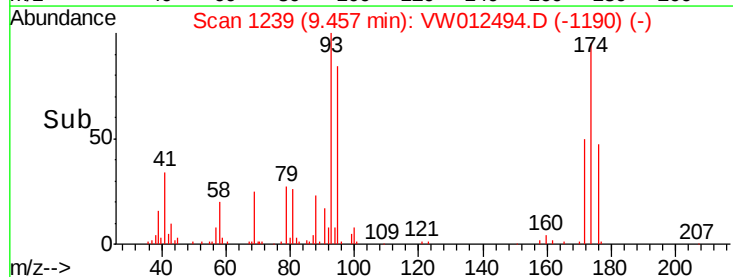
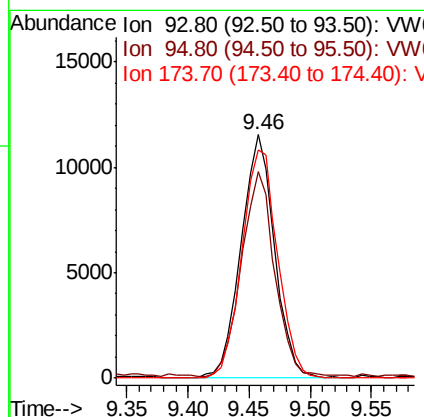
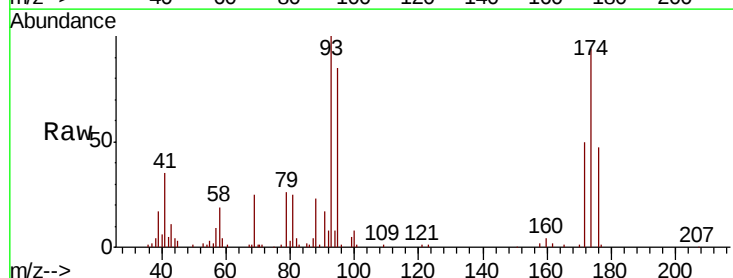
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0902SBSD01

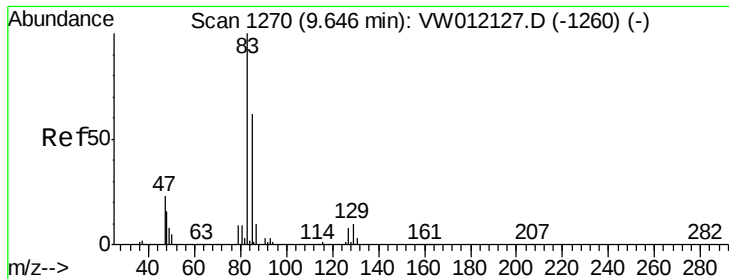
Tgt Ion: 63 Resp: 48329
 Ion Ratio Lower Upper
 63 100
 65 29.4 25.0 37.4



#46
 Dibromomethane
 Concen: 21.257 ug/l
 RT: 9.46 min Scan# 1239
 Delta R.T. -0.00 min
 Lab File: VW012494.D
 Acq: 02 Sep 2019 13:09

Tgt Ion: 93 Resp: 21962
 Ion Ratio Lower Upper
 93 100
 95 83.5 67.2 100.8
 174 99.8 79.0 118.6

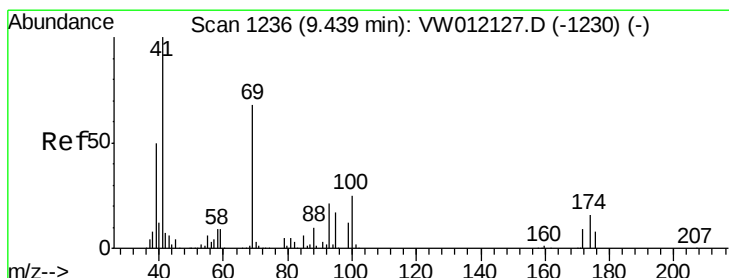
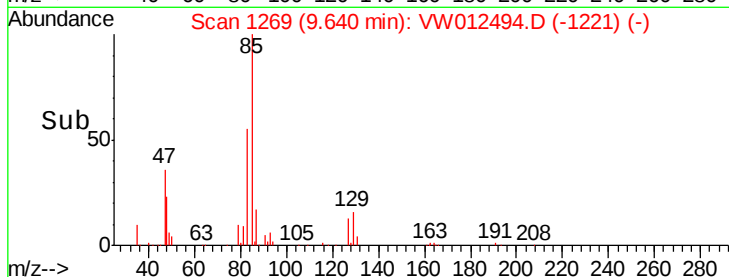
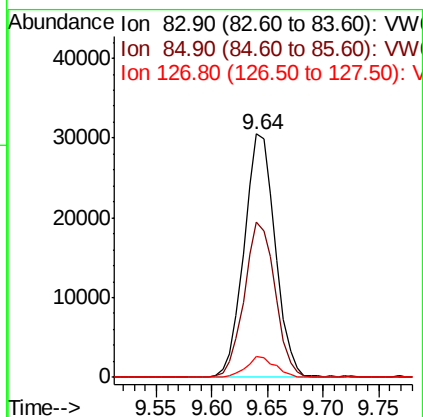
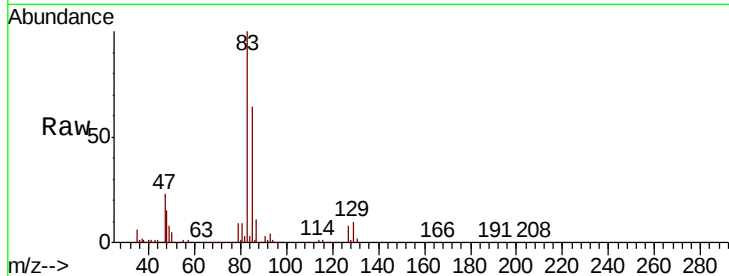




#47
 Bromodichloromethane
 Concen: 21.607 ug/l
 RT: 9.64 min Scan# 1269
 Delta R.T. -0.01 min
 Lab File: VW012494.D
 Acq: 02 Sep 2019 13:09

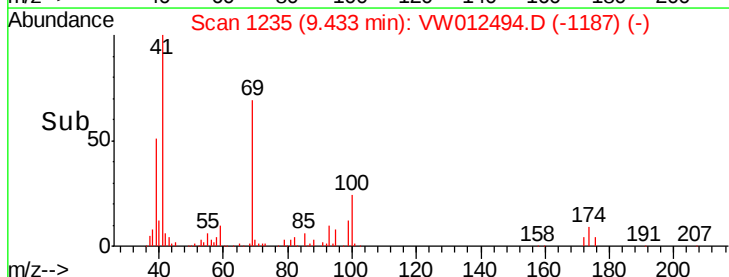
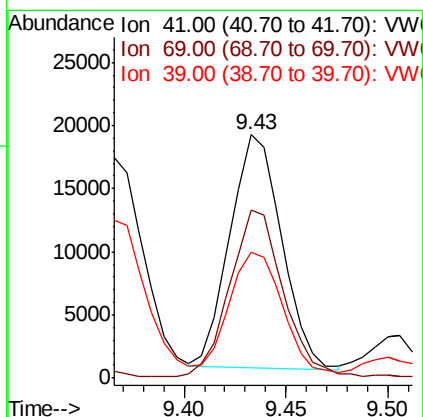
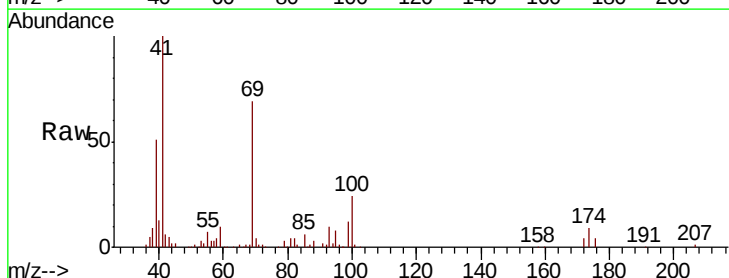
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0902SBSD01

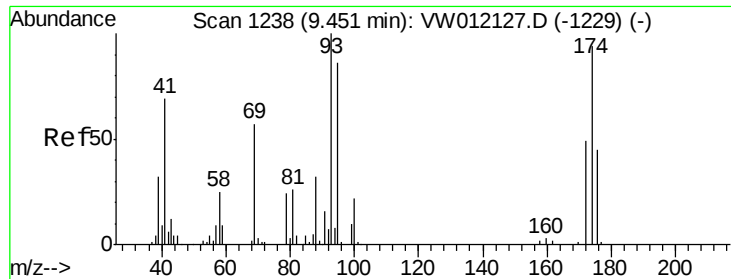
Tgt Ion: 83 Resp: 59412
 Ion Ratio Lower Upper
 83 100
 85 64.0 49.4 74.2
 127 8.5 6.1 9.1



#48
 Methyl methacrylate
 Concen: 21.294 ug/l
 RT: 9.43 min Scan# 1235
 Delta R.T. -0.01 min
 Lab File: VW012494.D
 Acq: 02 Sep 2019 13:09

Tgt Ion: 41 Resp: 32505
 Ion Ratio Lower Upper
 41 100
 69 74.5 56.7 85.1
 39 52.3 42.0 63.0

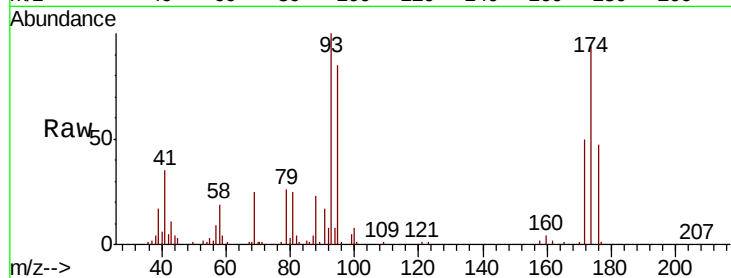




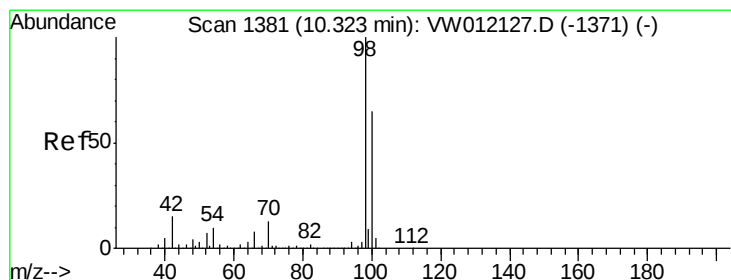
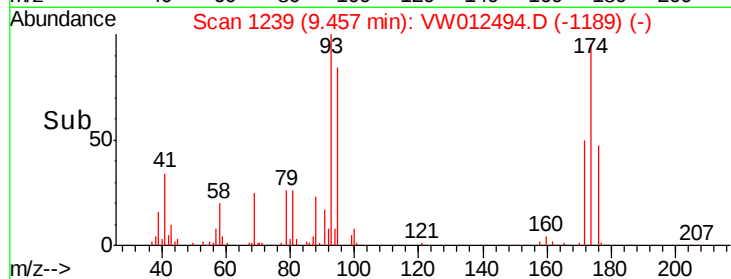
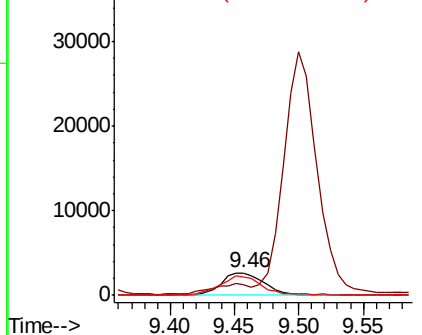
#49
1,4-Dioxane
Concen: 393.705 ug/l
RT: 9.46 min Scan# 1239
Delta R.T. 0.01 min
Lab File: VW012494.D
Acq: 02 Sep 2019 13:09

Instrument :
MSVOA_W
ClientSampleId :
VW0902SBSD01

Tgt Ion: 88 Resp: 6227
Ion Ratio Lower Upper
88 100
43 43.2 32.9 49.3
58 87.9 71.0 106.4

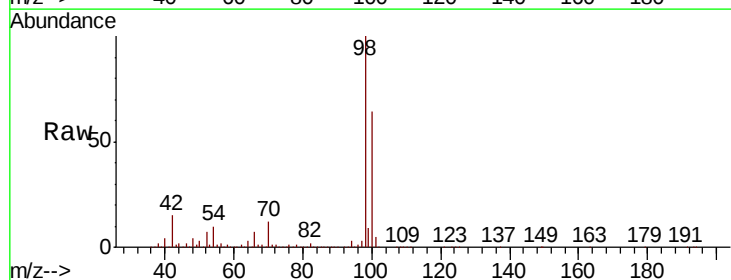


Abundance Ion 88.00 (87.70 to 88.70): VW
Ion 43.00 (42.70 to 43.70): VW
Ion 58.00 (57.70 to 58.70): VW

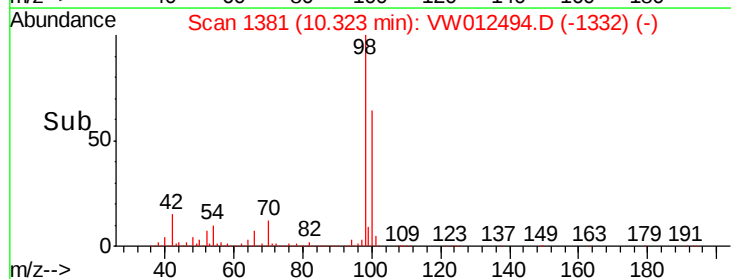
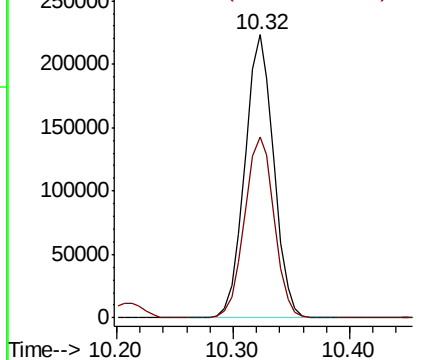


#50
Toluene-d8
Concen: 52.178 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. -0.00 min
Lab File: VW012494.D
Acq: 02 Sep 2019 13:09

Tgt Ion: 98 Resp: 386141
Ion Ratio Lower Upper
98 100
100 65.6 52.4 78.6



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





#51

4-Methyl-2-Pentanone

Concen: 109.265 ug/l

RT: 10.21 min Scan# 1362

Delta R.T. -0.00 min

Lab File: VW012494.D

Acq: 02 Sep 2019 13:09

Instrument :

MSVOA_W

ClientSampleId :

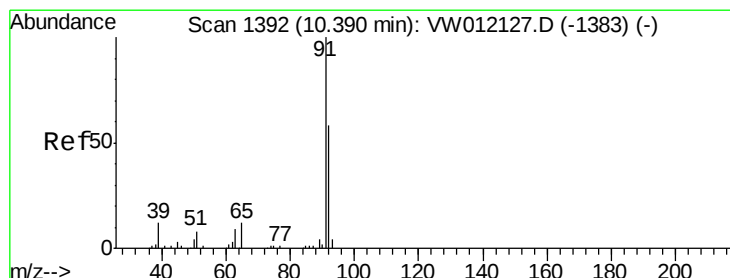
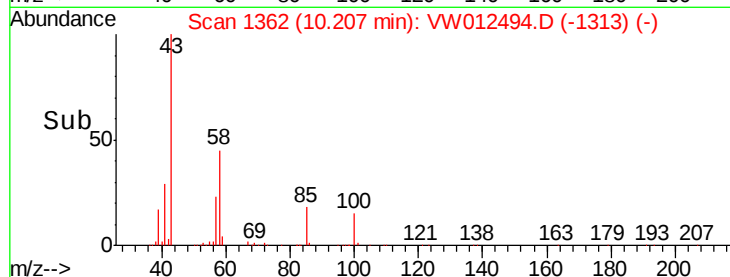
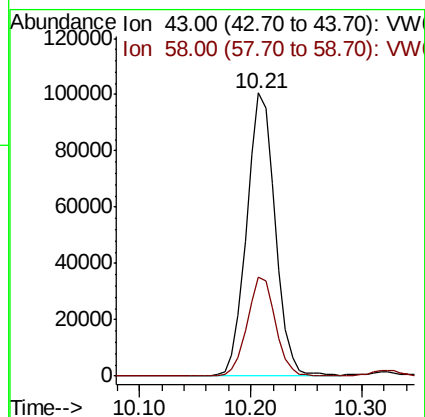
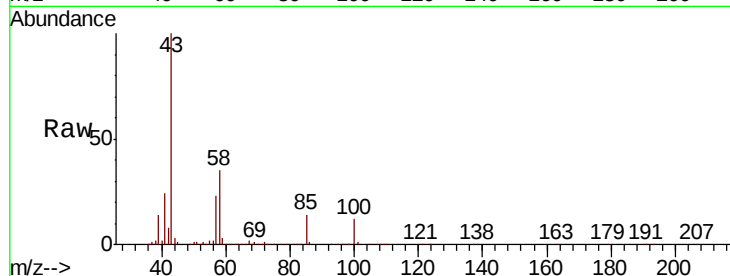
VW0902SBSD01

Tgt Ion: 43 Resp: 178248

Ion Ratio Lower Upper

43 100

58 34.7 28.2 42.2



#52

Toluene

Concen: 21.413 ug/l

RT: 10.38 min Scan# 1391

Delta R.T. -0.01 min

Lab File: VW012494.D

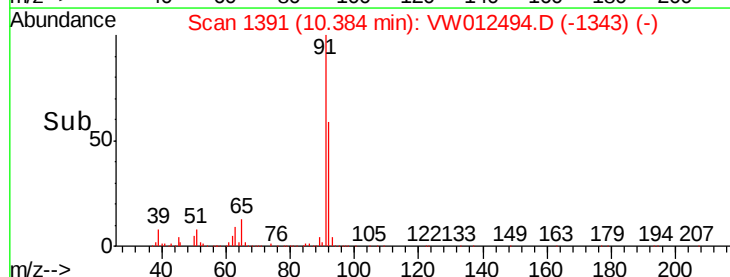
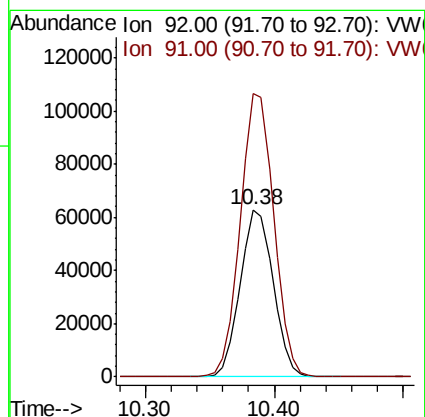
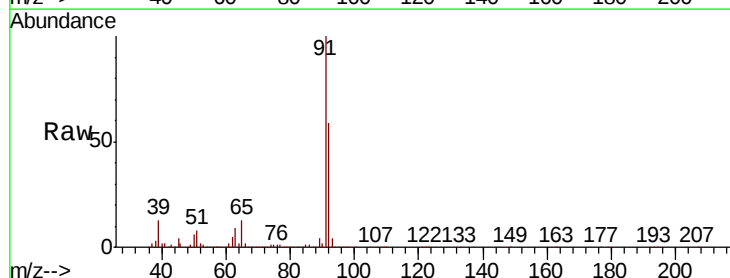
Acq: 02 Sep 2019 13:09

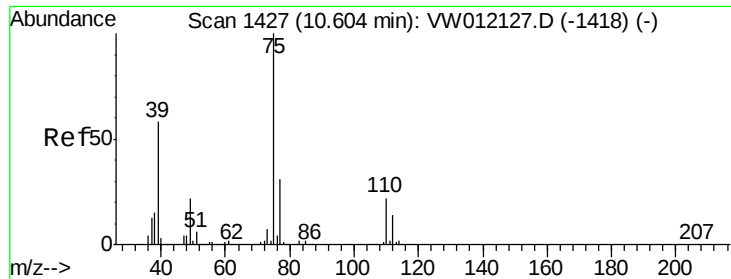
Tgt Ion: 92 Resp: 110987

Ion Ratio Lower Upper

92 100

91 173.6 136.6 204.8





#53

t-1,3-Dichloropropene

Concen: 21.438 ug/l

RT: 10.60 min Scan# 1427

Delta R.T. -0.00 min

Lab File: VW012494.D

Acq: 02 Sep 2019 13:09

Instrument :

MSVOA_W

ClientSampleId :

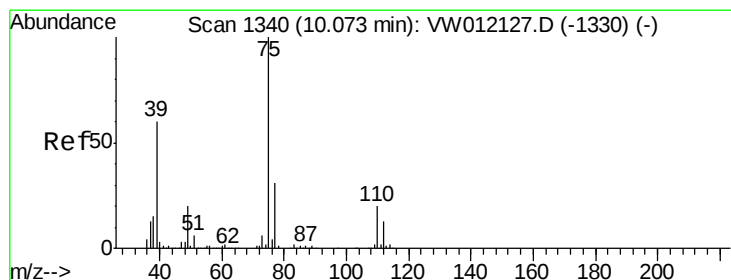
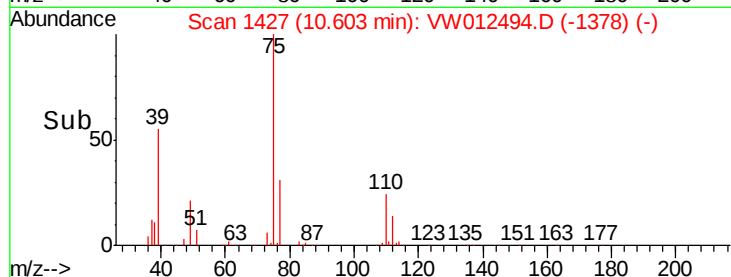
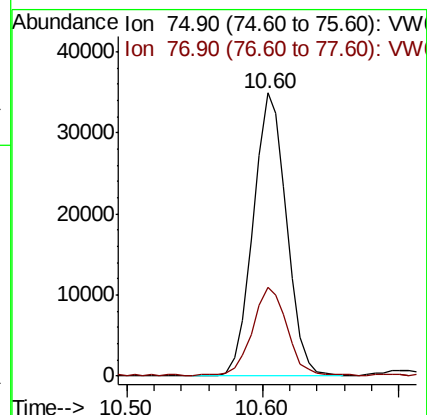
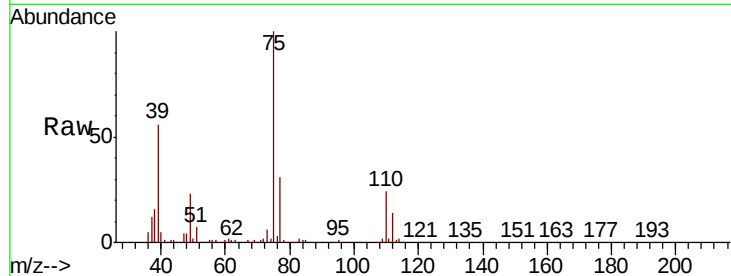
VW0902SBSD01

Tgt Ion: 75 Resp: 60045

Ion Ratio Lower Upper

75 100

77 31.1 25.0 37.4



#54

cis-1,3-Dichloropropene

Concen: 20.970 ug/l

RT: 10.07 min Scan# 1340

Delta R.T. -0.00 min

Lab File: VW012494.D

Acq: 02 Sep 2019 13:09

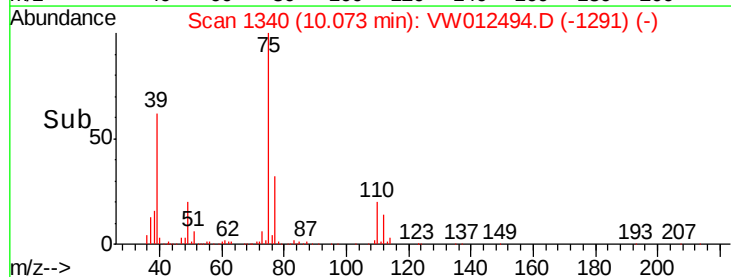
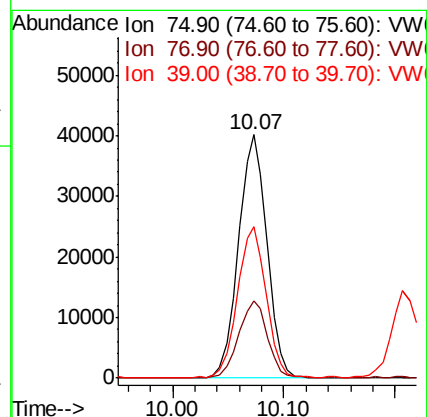
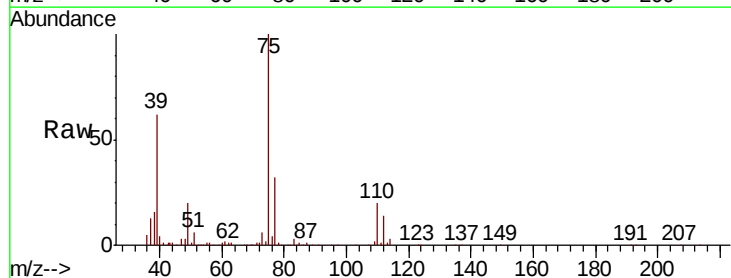
Tgt Ion: 75 Resp: 70918

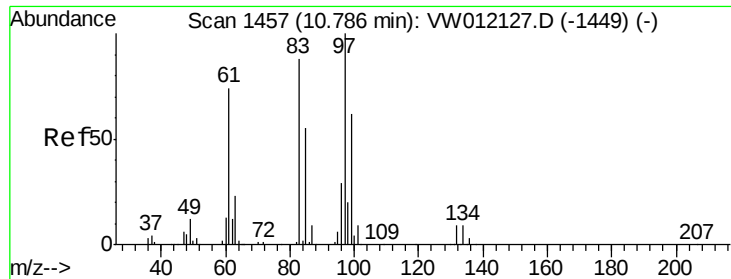
Ion Ratio Lower Upper

75 100

77 31.9 25.1 37.7

39 61.9 48.3 72.5

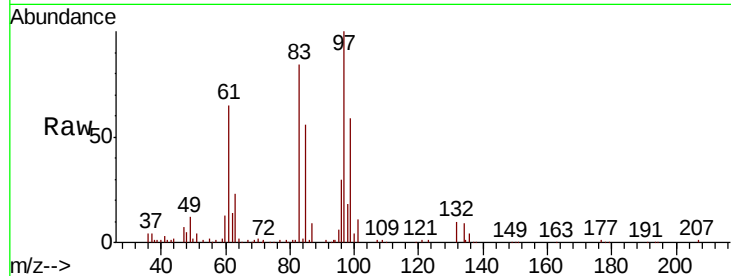




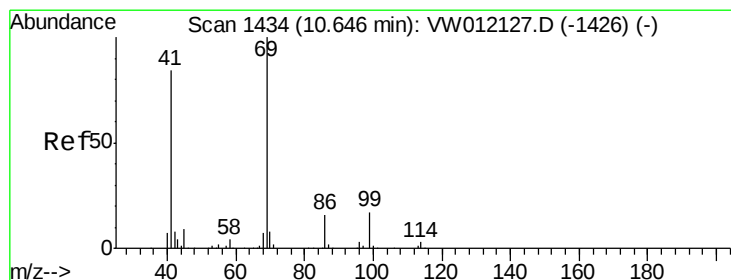
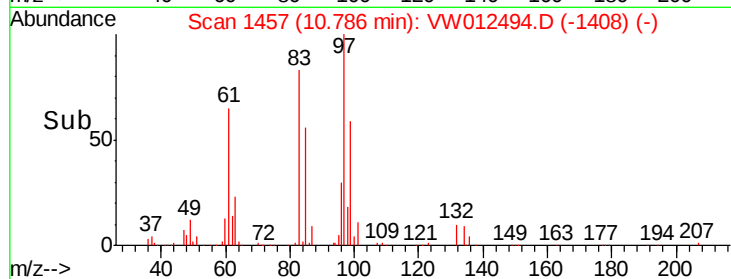
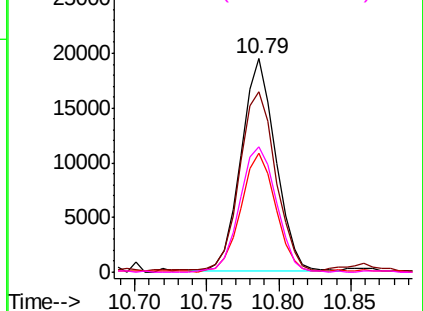
#55
 1,1,2-Trichloroethane
 Concen: 21.840 ug/l
 RT: 10.79 min Scan# 1457
 Delta R.T. -0.00 min
 Lab File: VW012494.D
 Acq: 02 Sep 2019 13:09

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0902SBSD01

Tgt Ion:	97	Resp:	31925
Ion	Ratio	Lower	Upper
97	100		
83	84.1	70.8	106.2
85	55.9	43.8	65.8
99	59.1	49.8	74.6

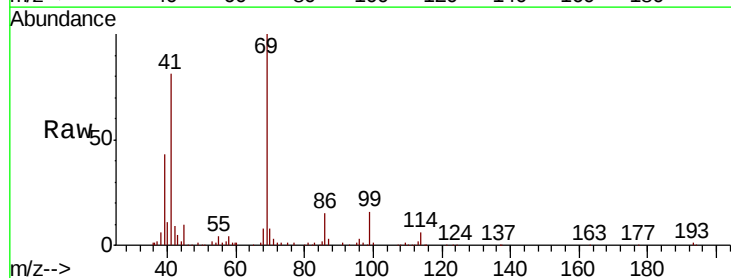


Abundance Ion 96.90 (96.60 to 97.60): VW
 Ion 82.90 (82.60 to 83.60): VW
 Ion 84.90 (84.60 to 85.60): VW
 Ion 98.90 (98.60 to 99.60): VW

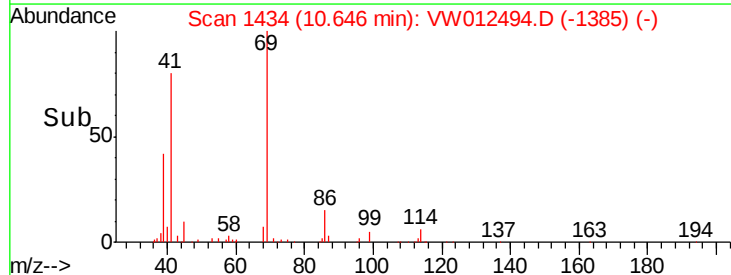
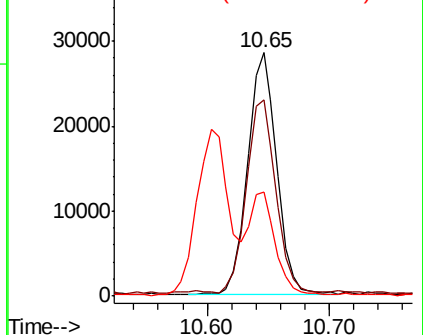


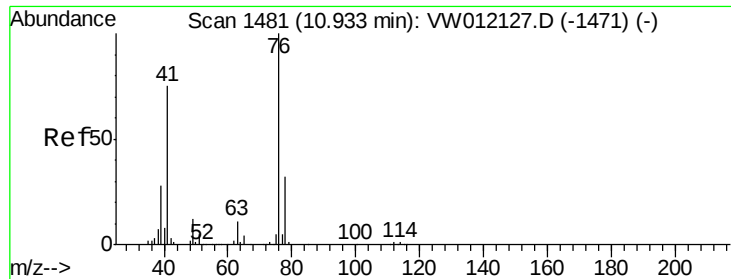
#56
 Ethyl methacrylate
 Concen: 22.147 ug/l
 RT: 10.65 min Scan# 1434
 Delta R.T. -0.00 min
 Lab File: VW012494.D
 Acq: 02 Sep 2019 13:09

Tgt Ion:	69	Resp:	47117
Ion	Ratio	Lower	Upper
69	100		
41	80.0	66.5	99.7
39	38.0	31.0	46.4



Abundance Ion 69.00 (68.70 to 69.70): VW
 Ion 41.00 (40.70 to 41.70): VW
 Ion 39.00 (38.70 to 39.70): VW

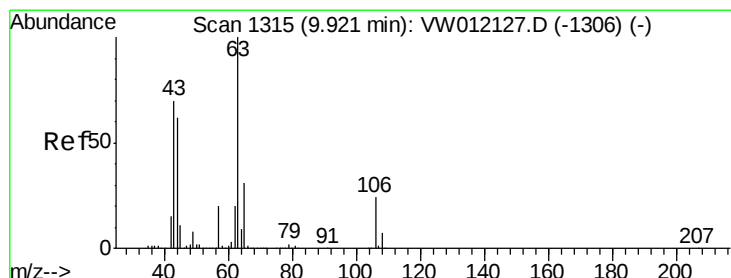
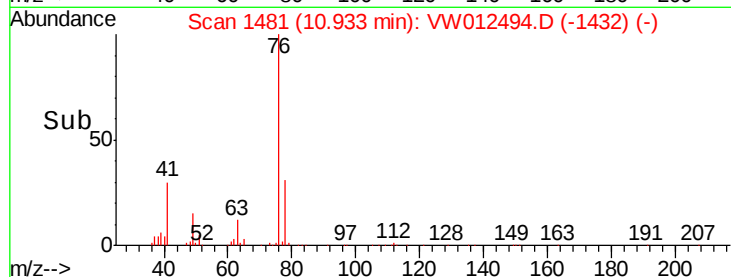
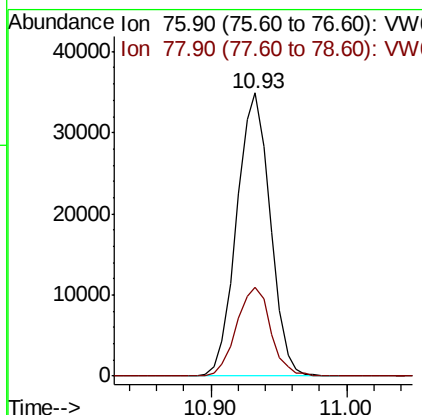
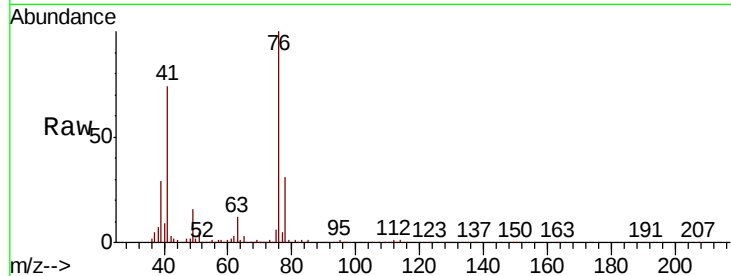




#57
 1,3-Dichloropropane
 Concen: 21.804 ug/l
 RT: 10.93 min Scan# 1481
 Delta R.T. -0.00 min
 Lab File: VW012494.D
 Acq: 02 Sep 2019 13:09

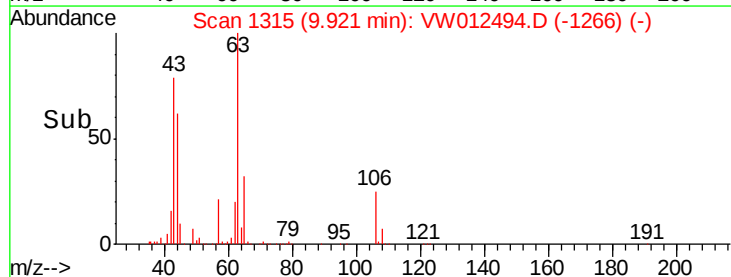
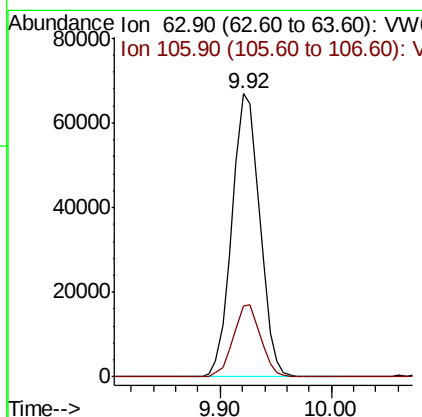
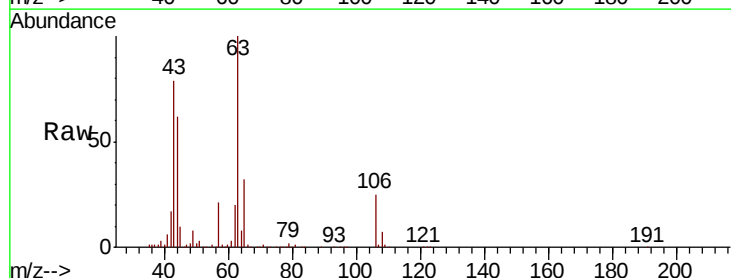
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0902SBSD01

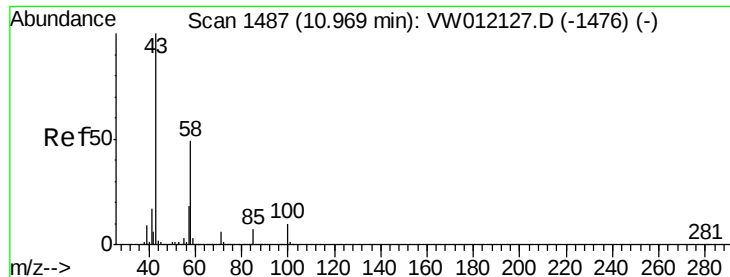
Tgt Ion: 76 Resp: 60231
 Ion Ratio Lower Upper
 76 100
 78 32.0 25.8 38.8



#58
 2-Chloroethyl Vinyl ether
 Concen: 106.277 ug/l
 RT: 9.92 min Scan# 1315
 Delta R.T. -0.00 min
 Lab File: VW012494.D
 Acq: 02 Sep 2019 13:09

Tgt Ion: 63 Resp: 116041
 Ion Ratio Lower Upper
 63 100
 106 25.0 19.8 29.8

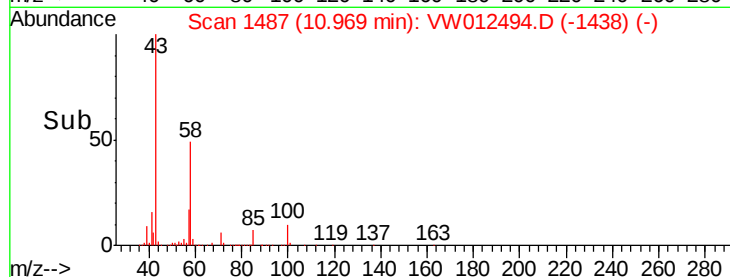
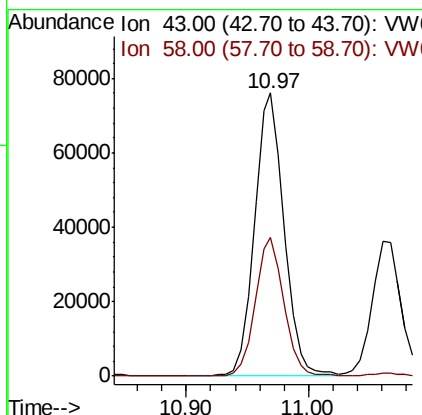
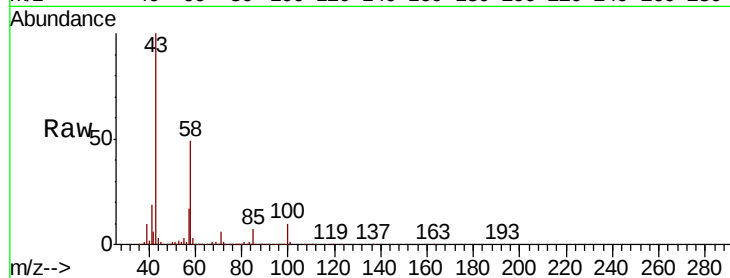




#59
2-Hexanone
Concen: 109.816 ug/l
RT: 10.97 min Scan# 1487
Delta R.T. -0.00 min
Lab File: VW012494.D
Acq: 02 Sep 2019 13:09

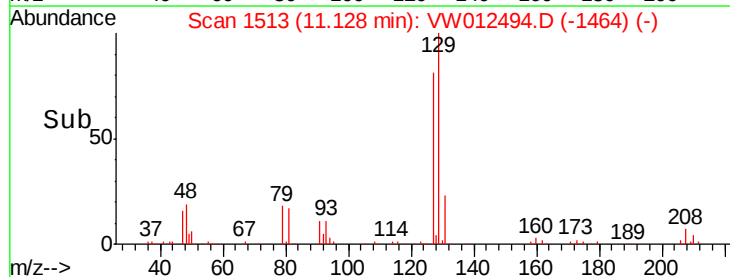
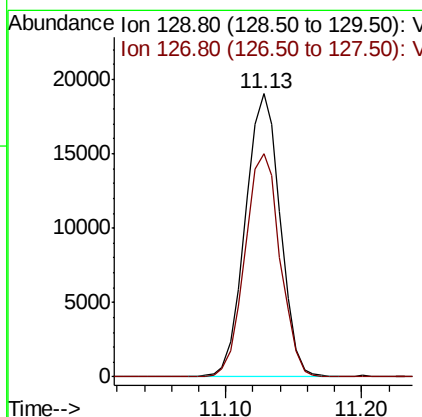
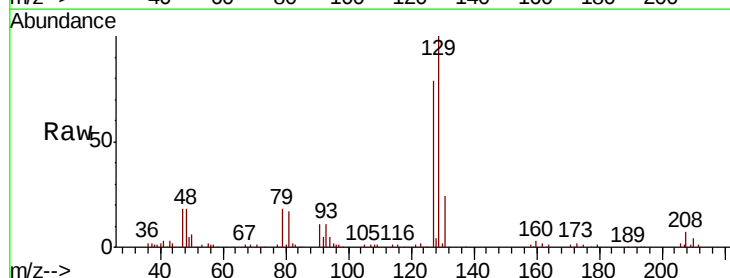
Instrument :
MSVOA_W
ClientSampleId :
VW0902SBSD01

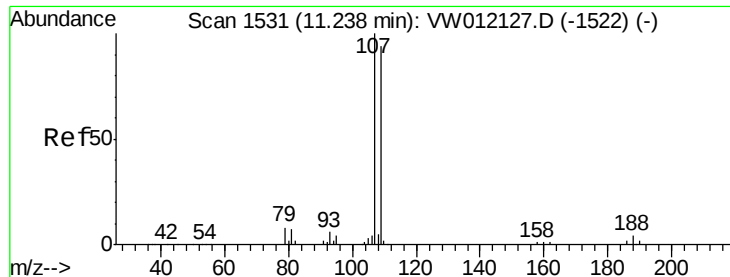
Tgt Ion: 43 Resp: 126758
Ion Ratio Lower Upper
43 100
58 47.6 24.3 72.9



#60
Dibromochloromethane
Concen: 21.003 ug/l
RT: 11.13 min Scan# 1513
Delta R.T. -0.00 min
Lab File: VW012494.D
Acq: 02 Sep 2019 13:09

Tgt Ion: 129 Resp: 34196
Ion Ratio Lower Upper
129 100
127 79.5 38.6 115.8

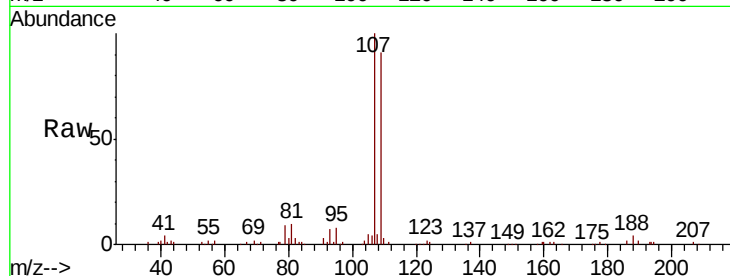




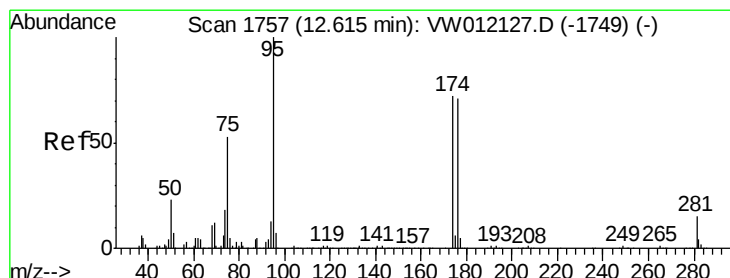
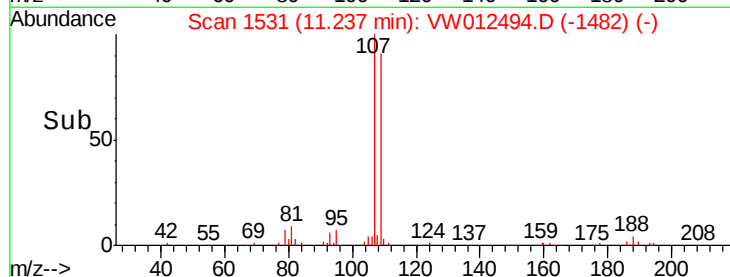
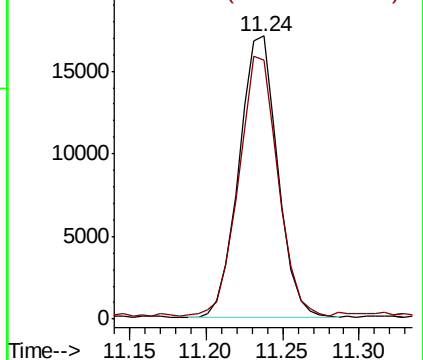
#61
 1,2-Dibromoethane
 Concen: 21.907 ug/l
 RT: 11.24 min Scan# 1531
 Delta R.T. -0.00 min
 Lab File: VW012494.D
 Acq: 02 Sep 2019 13:09

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0902SBSD01

Tgt Ion: 107 Resp: 29833
 Ion Ratio Lower Upper
 107 100
 109 93.1 75.4 113.2

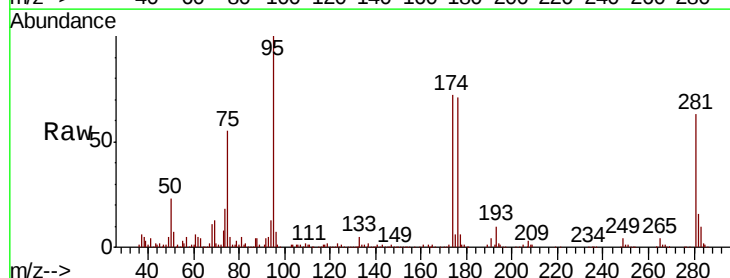


Abundance Ion 106.90 (106.60 to 107.60): V
 Ion 108.80 (108.50 to 109.50): V

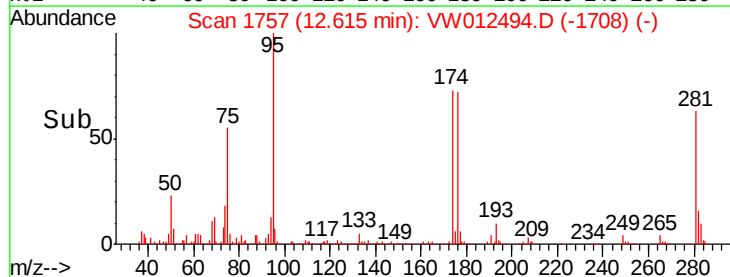
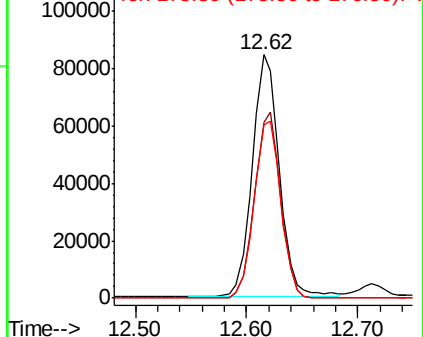


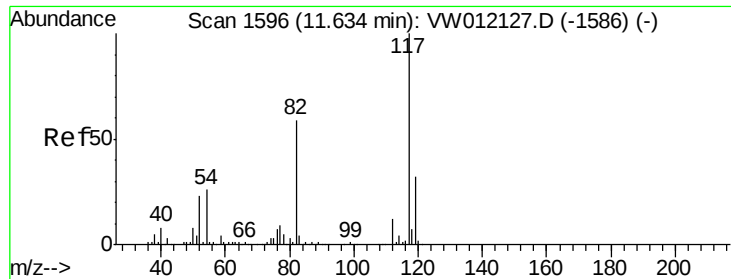
#62
 4-Bromofluorobenzene
 Concen: 55.019 ug/l
 RT: 12.62 min Scan# 1757
 Delta R.T. -0.00 min
 Lab File: VW012494.D
 Acq: 02 Sep 2019 13:09

Tgt Ion: 95 Resp: 143526
 Ion Ratio Lower Upper
 95 100
 174 73.7 0.0 150.8
 176 71.7 0.0 148.6



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

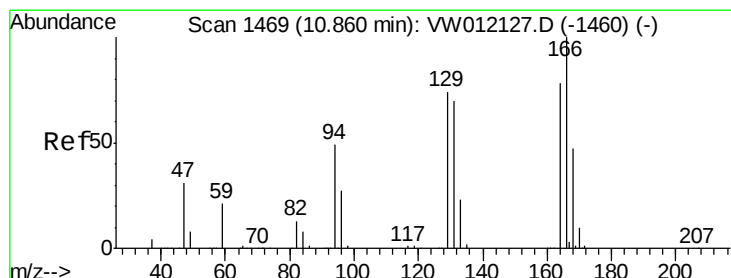
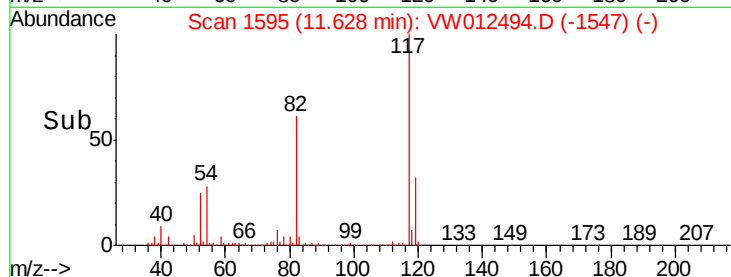
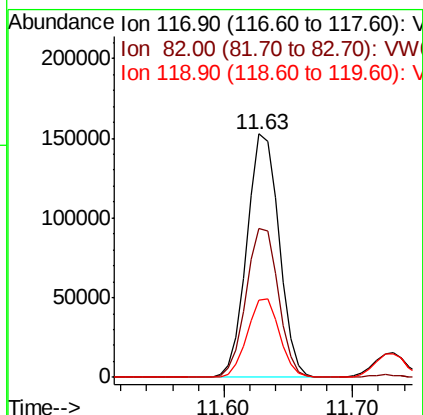
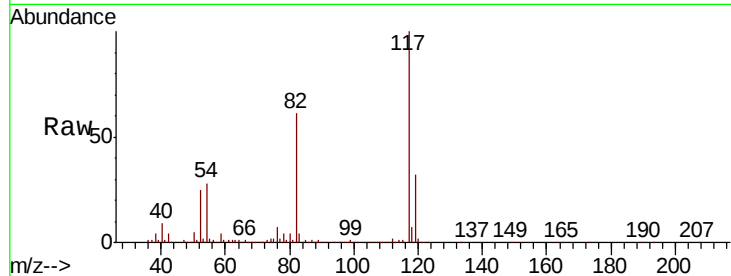




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1595
Delta R.T. -0.01 min
Lab File: VW012494.D
Acq: 02 Sep 2019 13:09

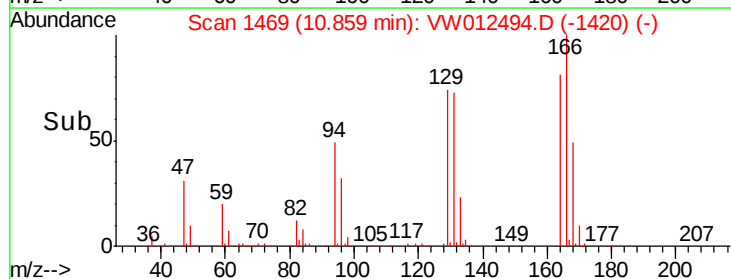
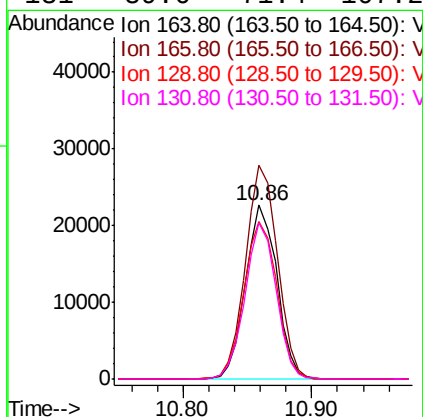
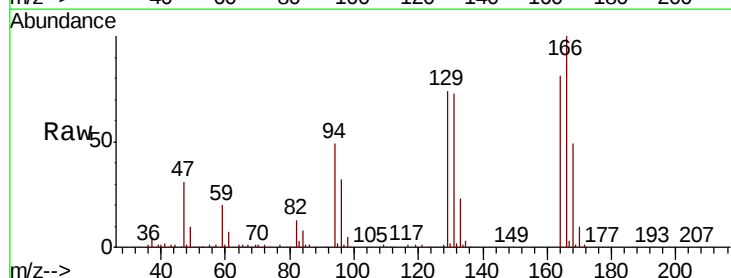
Instrument :
MSVOA_W
ClientSampleId :
VW0902SBSD01

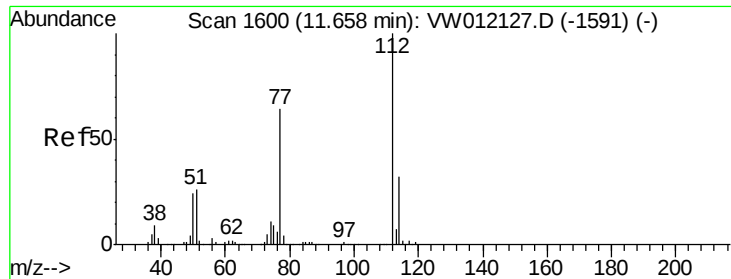
Tgt Ion:117 Resp: 262976
Ion Ratio Lower Upper
117 100
82 61.3 47.4 71.2
119 31.8 25.4 38.2



#64
Tetrachloroethene
Concen: 22.395 ug/l
RT: 10.86 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VW012494.D
Acq: 02 Sep 2019 13:09

Tgt Ion:164 Resp: 38182
Ion Ratio Lower Upper
164 100
166 122.9 102.4 153.6
129 90.5 75.8 113.6
131 89.6 71.4 107.2

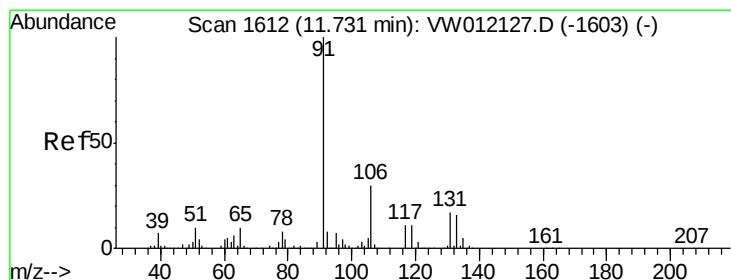
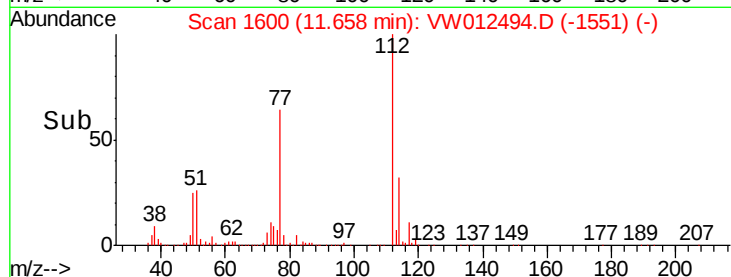
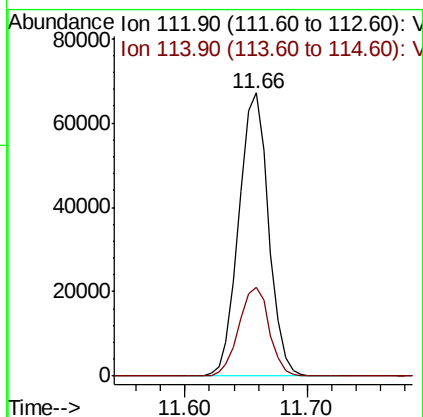
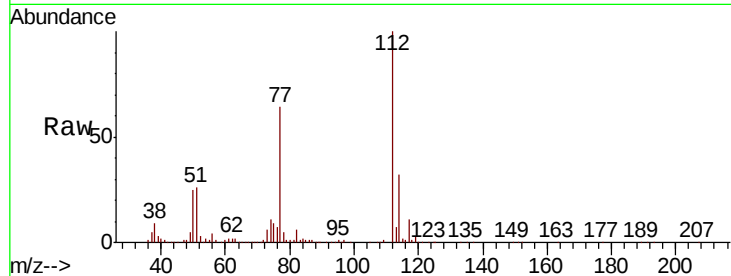




#65
Chlorobenzene
Concen: 21.878 ug/l
RT: 11.66 min Scan# 1600
Delta R.T. -0.00 min
Lab File: VW012494.D
Acq: 02 Sep 2019 13:09

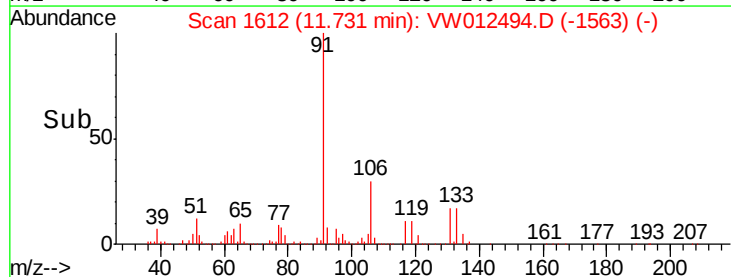
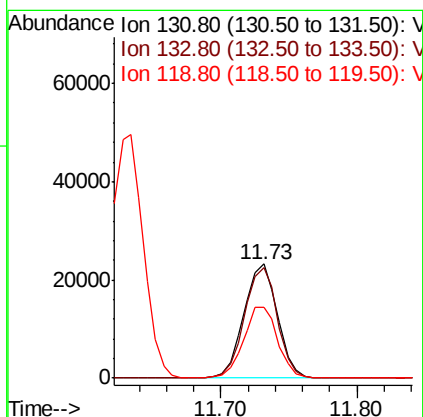
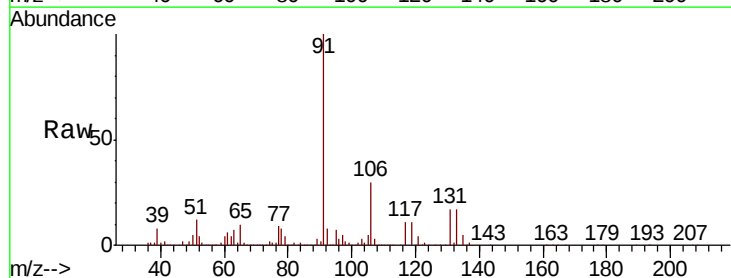
Instrument :
MSVOA_W
ClientSampleId :
VW0902SBSD01

Tgt Ion:112 Resp: 113288
Ion Ratio Lower Upper
112 100
114 31.5 25.8 38.6



#66
1,1,1,2-Tetrachloroethane
Concen: 22.294 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. -0.00 min
Lab File: VW012494.D
Acq: 02 Sep 2019 13:09

Tgt Ion:131 Resp: 40274
Ion Ratio Lower Upper
131 100
133 95.4 47.1 141.3
119 63.0 31.8 95.3

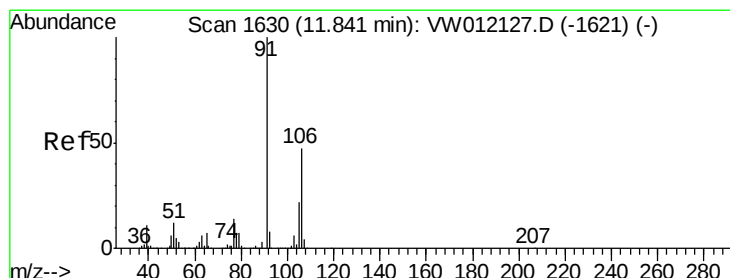
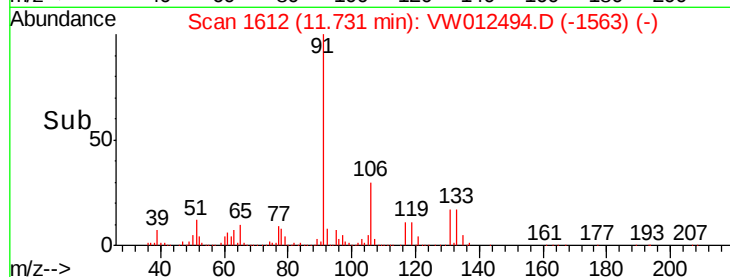
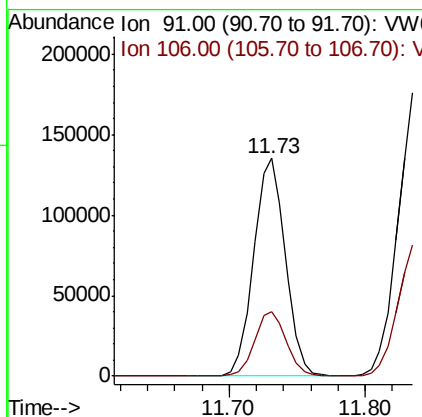
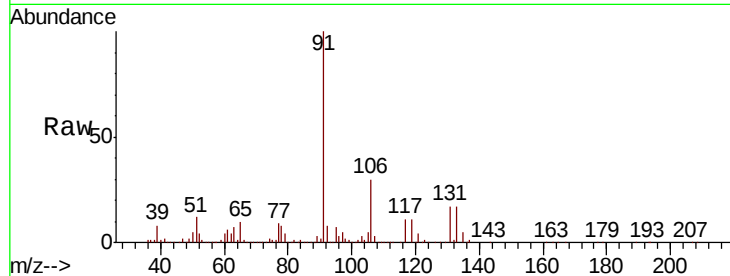




#67
Ethyl Benzene
Concen: 22.050 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. -0.00 min
Lab File: VW012494.D
Acq: 02 Sep 2019 13:09

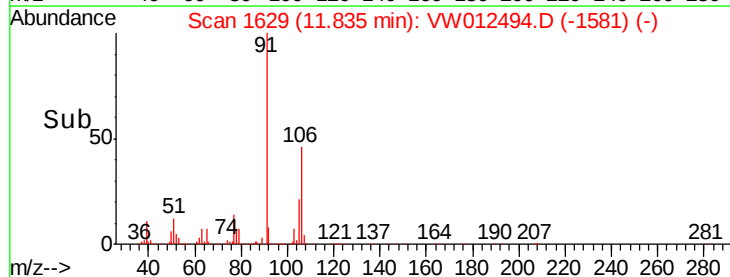
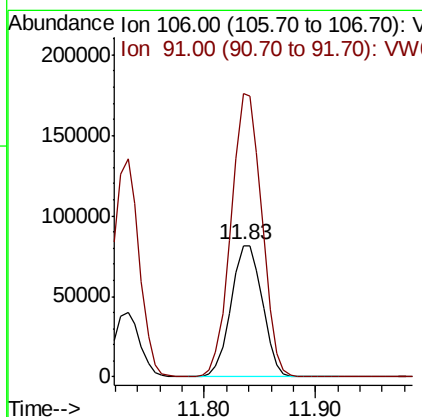
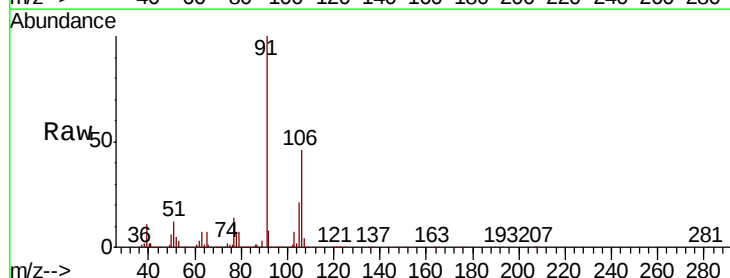
Instrument :
MSVOA_W
ClientSampleId :
VW0902SBSD01

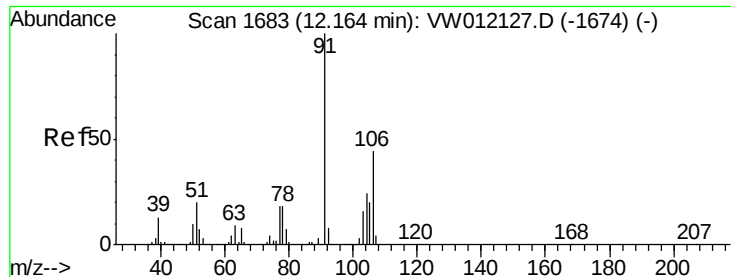
Tgt Ion: 91 Resp: 219949
Ion Ratio Lower Upper
91 100
106 29.9 24.3 36.5



#68
m/p-Xylenes
Concen: 44.084 ug/l
RT: 11.83 min Scan# 1629
Delta R.T. -0.01 min
Lab File: VW012494.D
Acq: 02 Sep 2019 13:09

Tgt Ion: 106 Resp: 158399
Ion Ratio Lower Upper
106 100
91 211.8 169.5 254.3

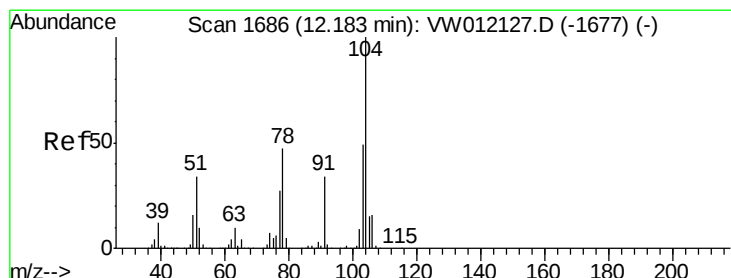
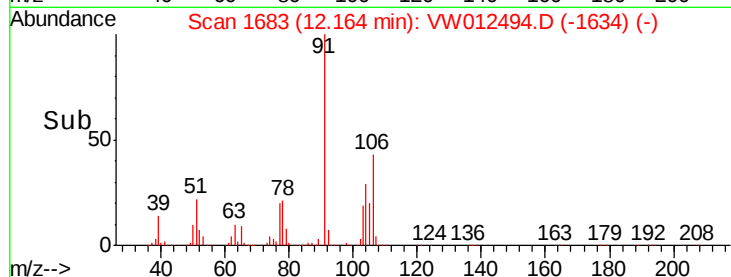
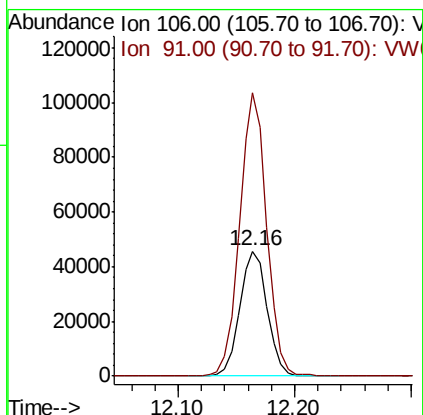
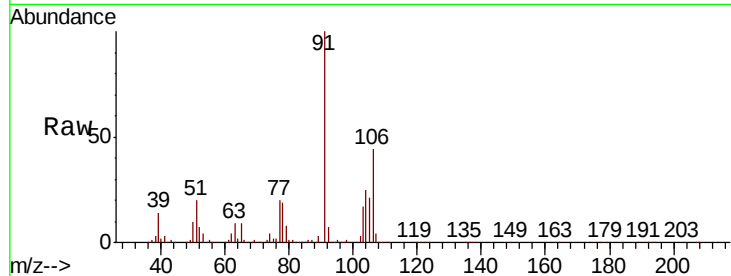




#69
o-Xylene
Concen: 22.436 ug/l
RT: 12.16 min Scan# 1683
Delta R.T. -0.00 min
Lab File: VW012494.D
Acq: 02 Sep 2019 13:09

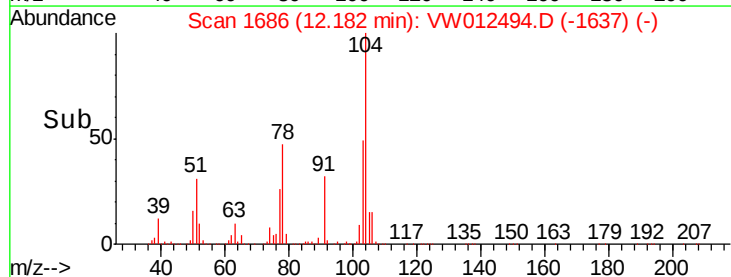
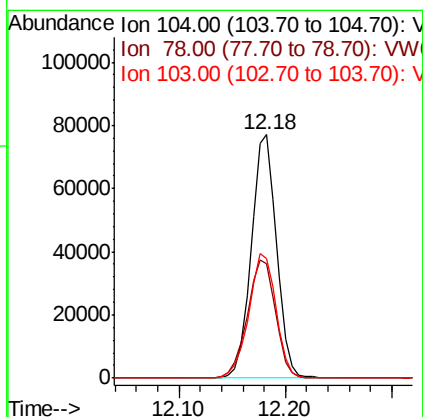
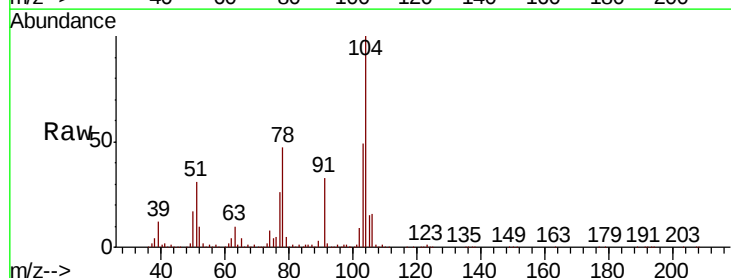
Instrument :
MSVOA_W
ClientSampleId :
VW0902SBSD01

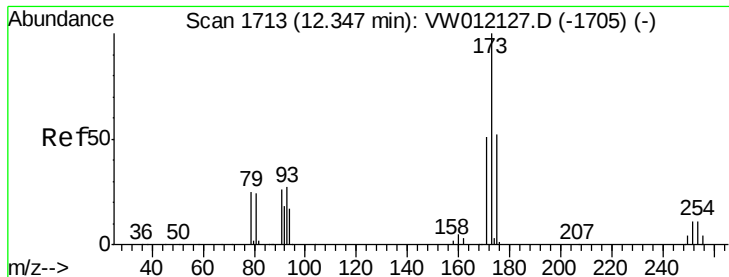
Tgt Ion:106 Resp: 74613
Ion Ratio Lower Upper
106 100
91 221.6 111.6 334.6



#70
Styrene
Concen: 22.276 ug/l
RT: 12.18 min Scan# 1686
Delta R.T. -0.00 min
Lab File: VW012494.D
Acq: 02 Sep 2019 13:09

Tgt Ion:104 Resp: 128226
Ion Ratio Lower Upper
104 100
78 54.6 43.1 64.7
103 55.3 43.5 65.3





#71

Bromoform

Concen: 22.107 ug/l

RT: 12.35 min Scan# 1713

Delta R.T. -0.00 min

Lab File: VW012494.D

Acq: 02 Sep 2019 13:09

Instrument :

MSVOA_W

ClientSampleId :

VW0902SBSD01

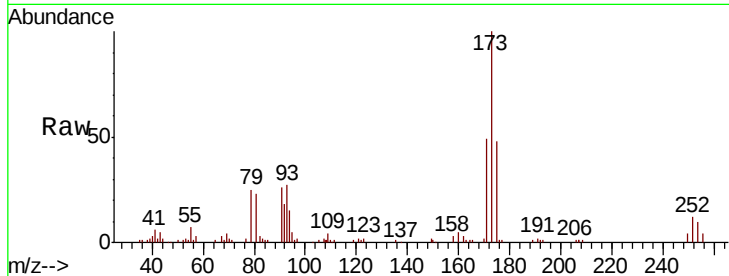
Tgt Ion:173 Resp: 19897

Ion Ratio Lower Upper

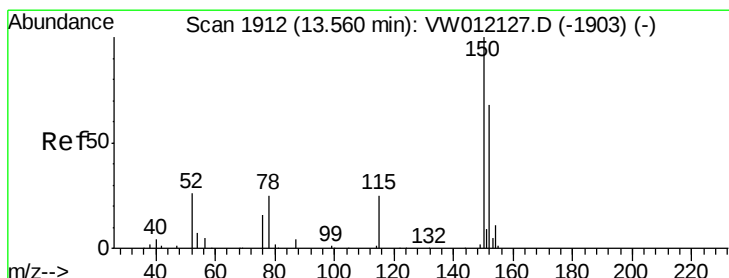
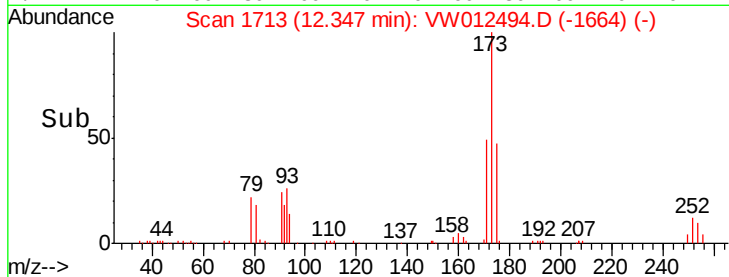
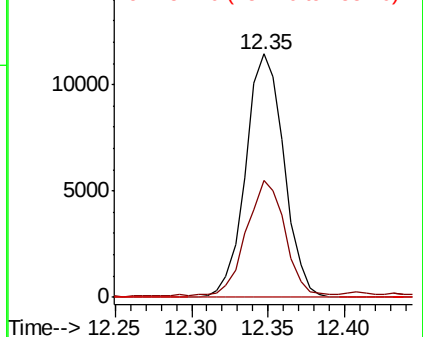
173 100

175 48.3 24.6 74.0

254 0.0 0.2 0.2#



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: VW012494.D

Acq: 02 Sep 2019 13:09

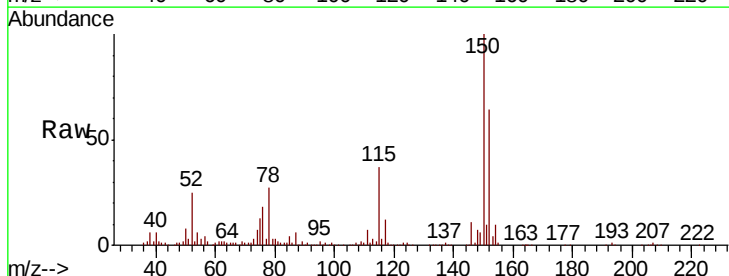
Tgt Ion:152 Resp: 126942

Ion Ratio Lower Upper

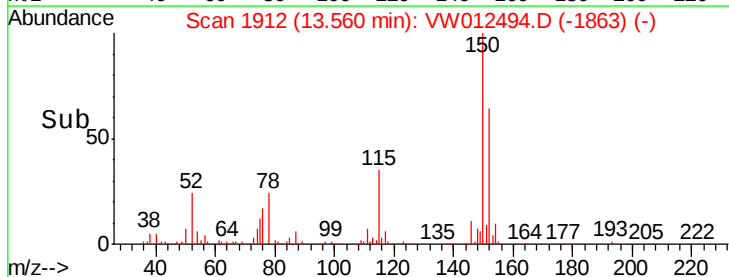
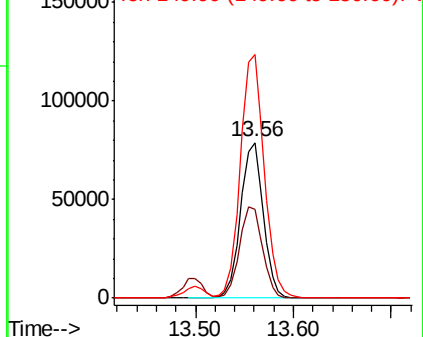
152 100

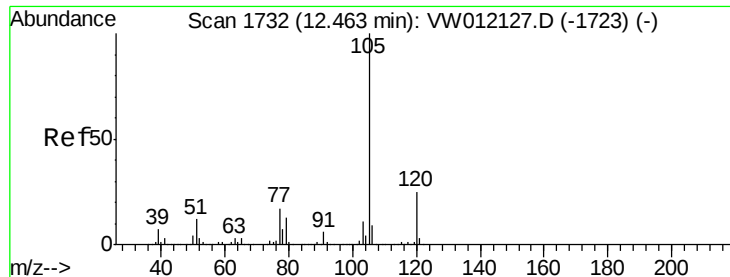
115 59.9 30.1 90.3

150 164.7 0.0 345.8



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





#73

Isopropylbenzene

Concen: 22.565 ug/l

RT: 12.46 min Scan# 1732

Delta R.T. -0.00 min

Lab File: VW012494.D

Acq: 02 Sep 2019 13:09

Instrument :

MSVOA_W

ClientSampleId :

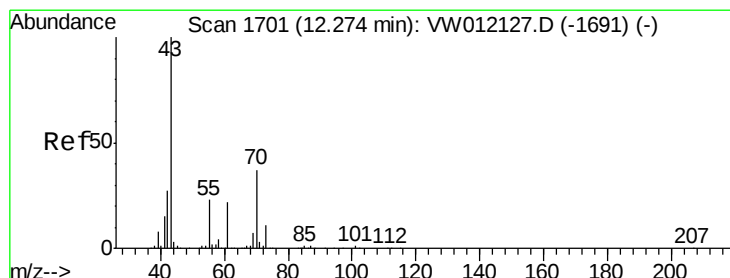
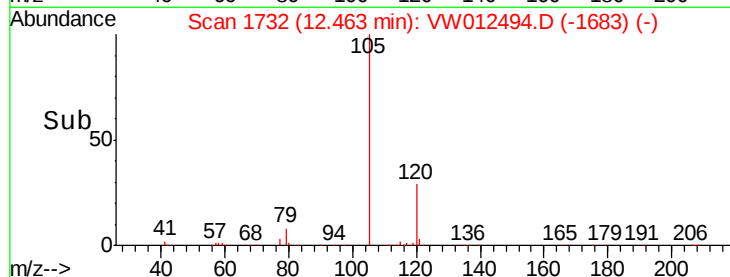
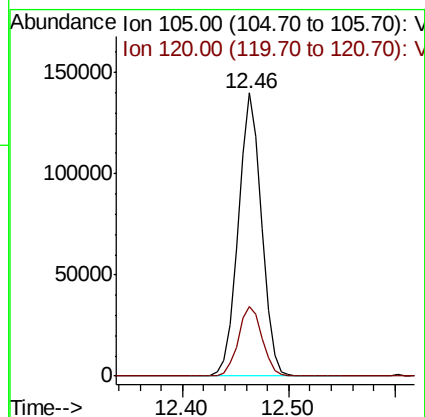
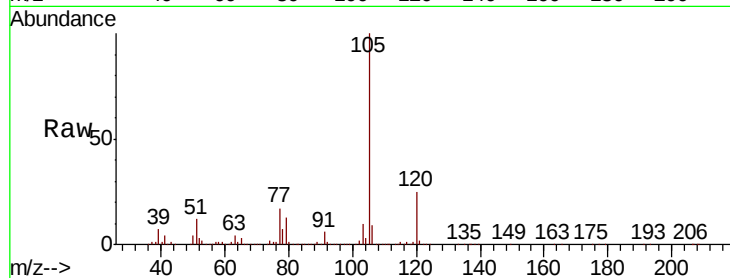
VW0902SBSD01

Tgt Ion:105 Resp: 214639

Ion Ratio Lower Upper

105 100

120 25.3 12.5 37.5



#74

N-ethyl acetate

Concen: 21.234 ug/l

RT: 12.27 min Scan# 1701

Delta R.T. -0.00 min

Lab File: VW012494.D

Acq: 02 Sep 2019 13:09

Tgt Ion: 43 Resp: 61022

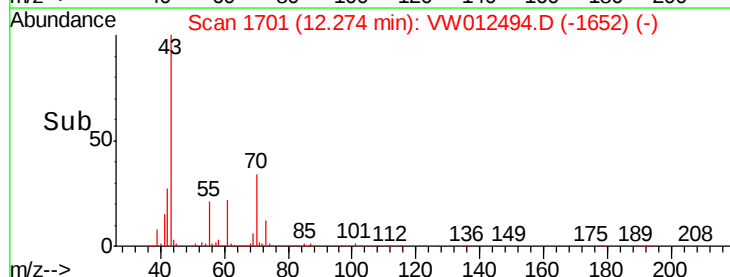
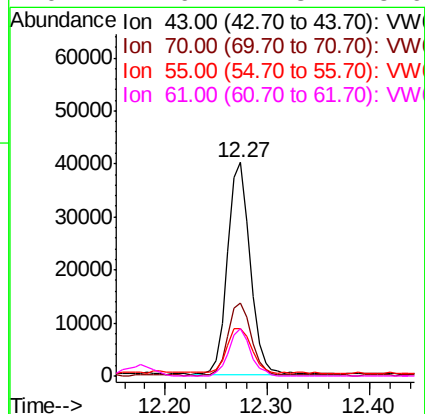
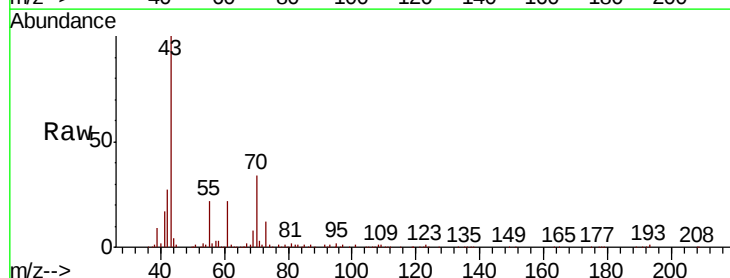
Ion Ratio Lower Upper

43 100

70 35.5 28.6 43.0

55 23.0 17.8 26.6

61 21.6 17.3 25.9





#75

1,1,2,2-Tetrachloroethane

Concen: 21.823 ug/l

RT: 12.71 min Scan# 1773

Delta R.T. -0.00 min

Lab File: VW012494.D

Acq: 02 Sep 2019 13:09

Instrument :

MSVOA_W

ClientSampleId :

VW0902SBSD01

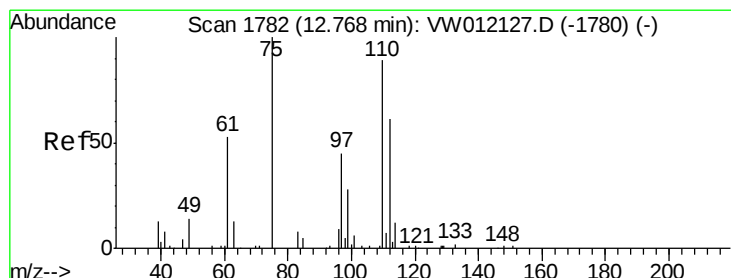
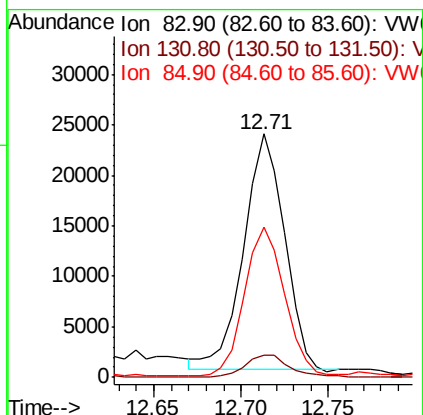
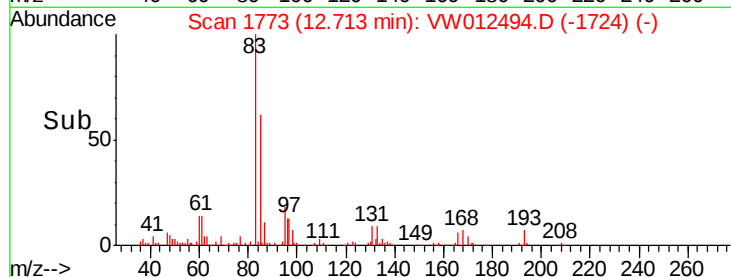
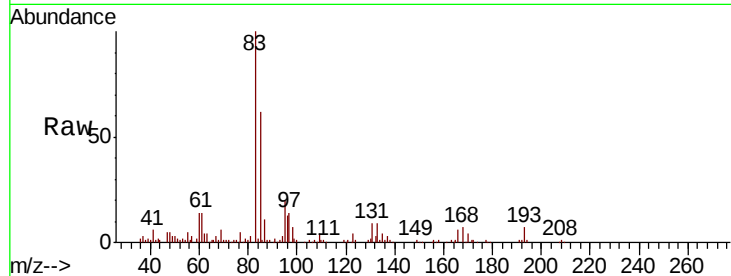
Tgt Ion: 83 Resp: 38056

Ion Ratio Lower Upper

83 100

131 10.6 4.9 14.7

85 62.0 31.9 95.7



#76

1,2,3-Trichloropropane

Concen: 40.603 ug/l

RT: 12.77 min Scan# 1782

Delta R.T. -0.00 min

Lab File: VW012494.D

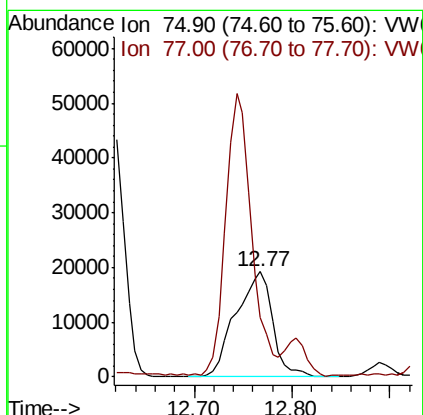
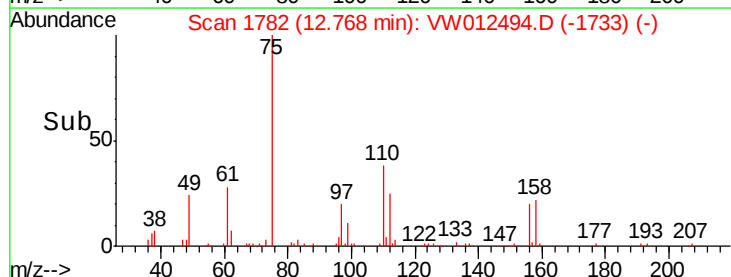
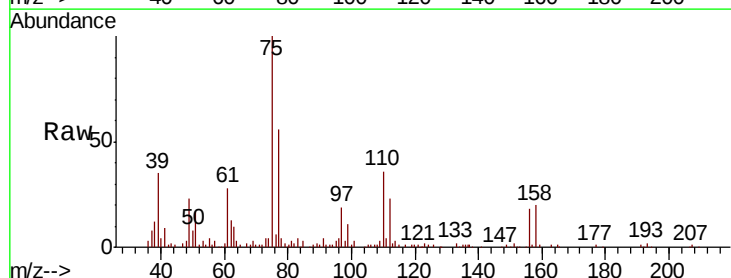
Acq: 02 Sep 2019 13:09

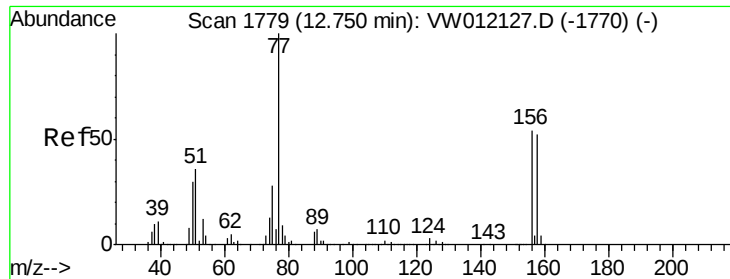
Tgt Ion: 75 Resp: 50199

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0

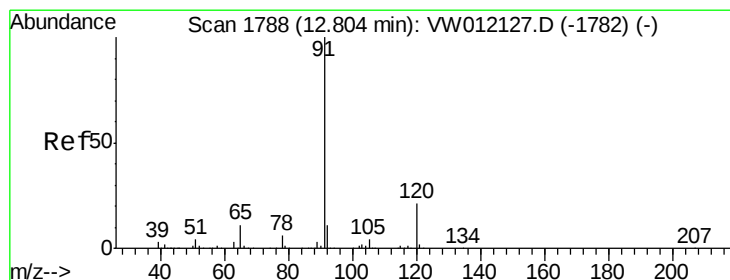
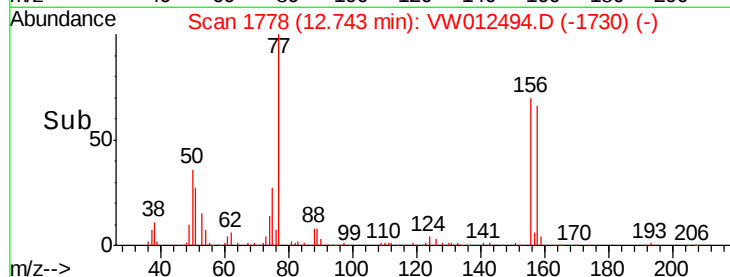
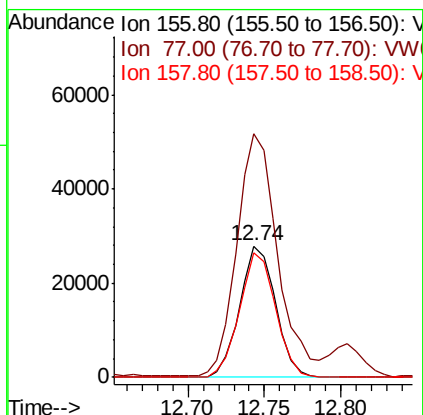
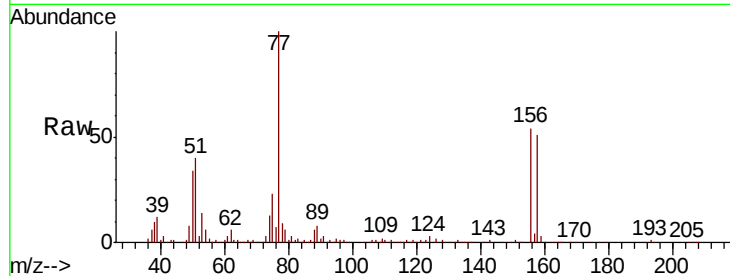




#77
Bromobenzene
Concen: 22.049 ug/l
RT: 12.74 min Scan# 1778
Delta R.T. -0.01 min
Lab File: VW012494.D
Acq: 02 Sep 2019 13:09

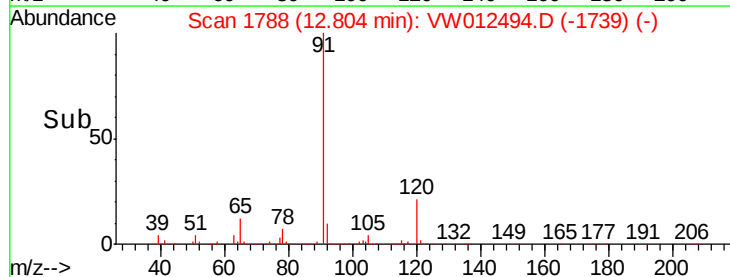
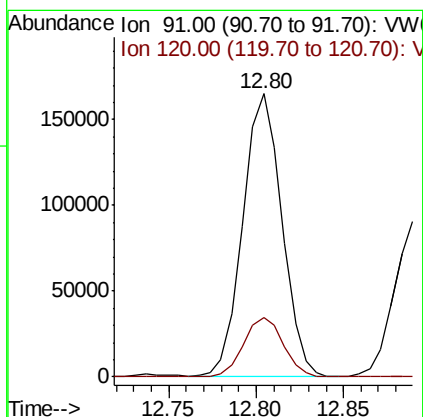
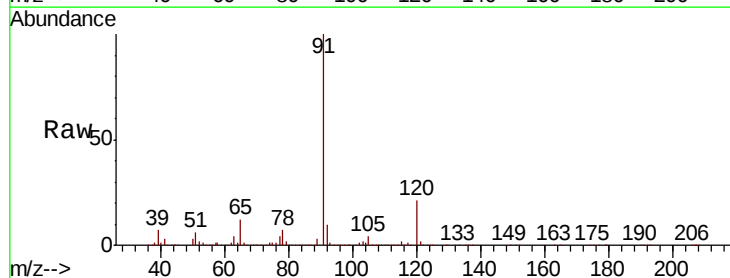
Instrument :
MSVOA_W
ClientSampled :
VW0902SBSD01

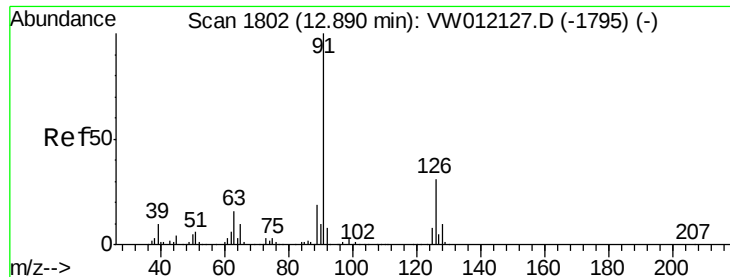
Tgt Ion:156 Resp: 45372
Ion Ratio Lower Upper
156 100
77 209.8 107.3 321.8
158 95.3 49.0 147.0



#78
n-propylbenzene
Concen: 21.998 ug/l
RT: 12.80 min Scan# 1788
Delta R.T. -0.00 min
Lab File: VW012494.D
Acq: 02 Sep 2019 13:09

Tgt Ion: 91 Resp: 255442
Ion Ratio Lower Upper
91 100
120 21.5 10.5 31.6





#79

2-Chlorotoluene

Concen: 21.951 ug/l

RT: 12.89 min Scan# 1802

Delta R.T. -0.00 min

Lab File: VW012494.D

Acq: 02 Sep 2019 13:09

Instrument :

MSVOA_W

ClientSampleId :

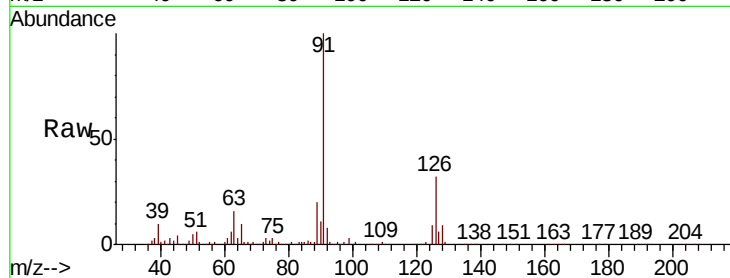
VW0902SBSD01

Tgt Ion: 91 Resp: 144716

Ion Ratio Lower Upper

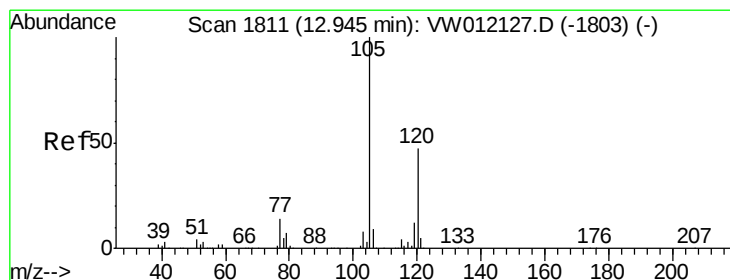
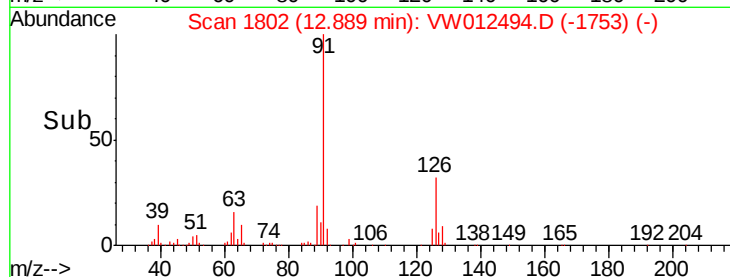
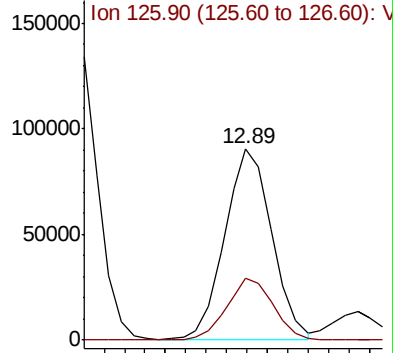
91 100

126 32.0 15.7 47.0



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 125.90 (125.60 to 126.60): V



#80

1,3,5-Trimethylbenzene

Concen: 21.950 ug/l

RT: 12.94 min Scan# 1811

Delta R.T. -0.00 min

Lab File: VW012494.D

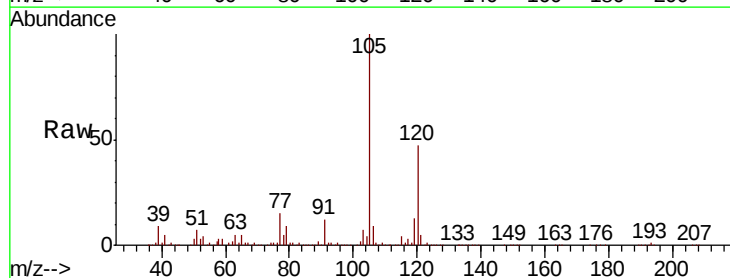
Acq: 02 Sep 2019 13:09

Tgt Ion: 105 Resp: 174461

Ion Ratio Lower Upper

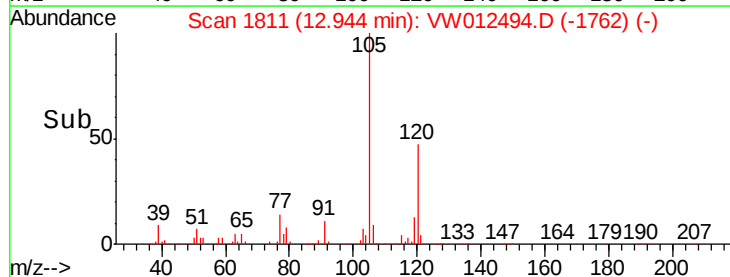
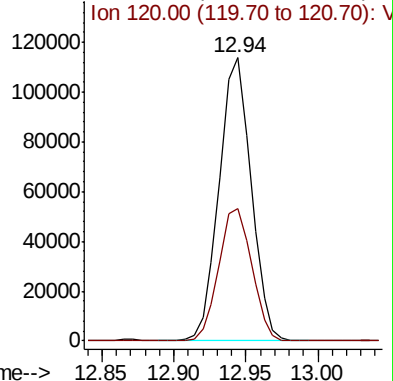
105 100

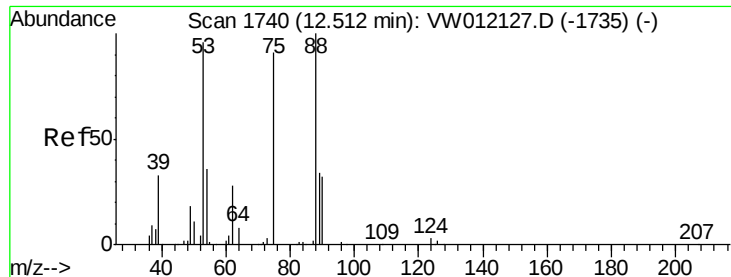
120 48.6 24.0 72.0



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

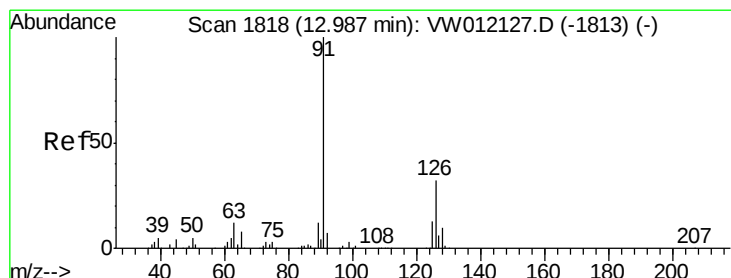
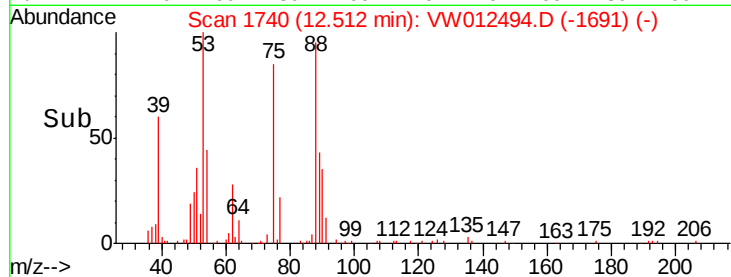
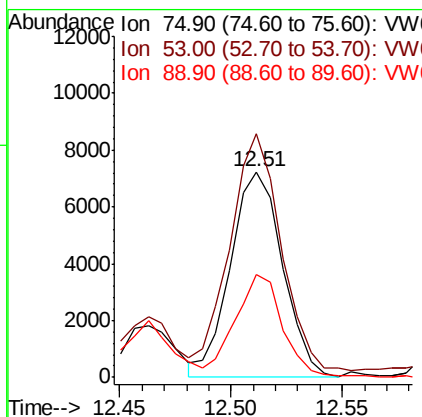
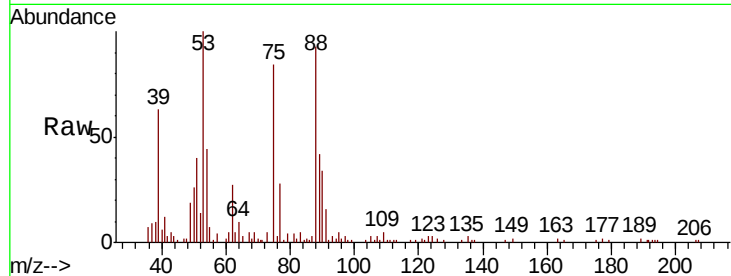




#81
trans-1,4-Dichloro-2-butene
Concen: 21.010 ug/l
RT: 12.51 min Scan# 1740
Delta R.T. -0.00 min
Lab File: VW012494.D
Acq: 02 Sep 2019 13:09

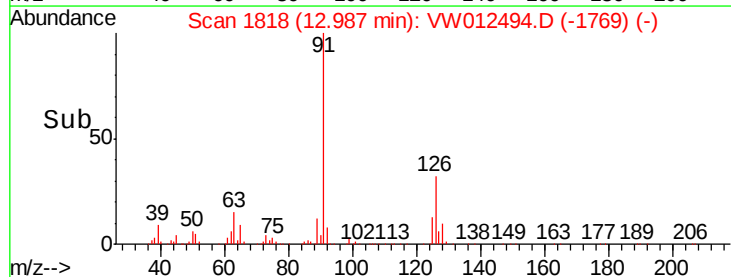
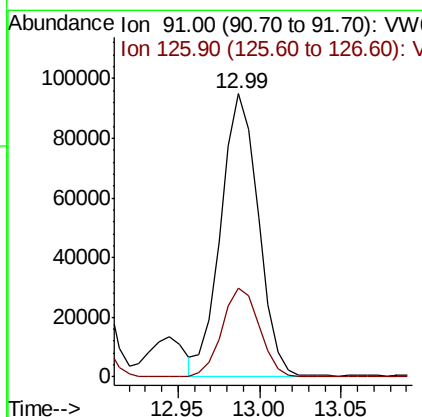
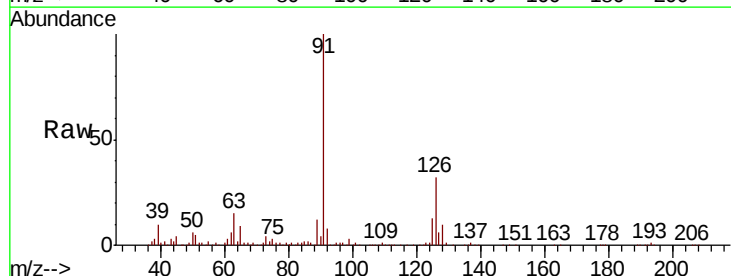
Instrument :
MSVOA_W
ClientSampleId :
VW0902SBSD01

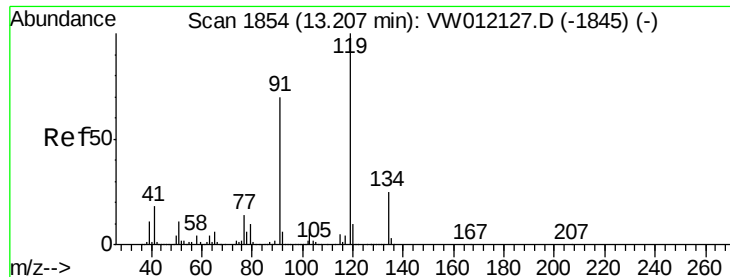
Tgt Ion: 75 Resp: 11847
Ion Ratio Lower Upper
75 100
53 112.3 89.4 134.0
89 45.6 34.5 51.7



#82
4-Chlorotoluene
Concen: 21.885 ug/l
RT: 12.99 min Scan# 1818
Delta R.T. -0.00 min
Lab File: VW012494.D
Acq: 02 Sep 2019 13:09

Tgt Ion: 91 Resp: 151071
Ion Ratio Lower Upper
91 100
126 31.5 15.6 46.8

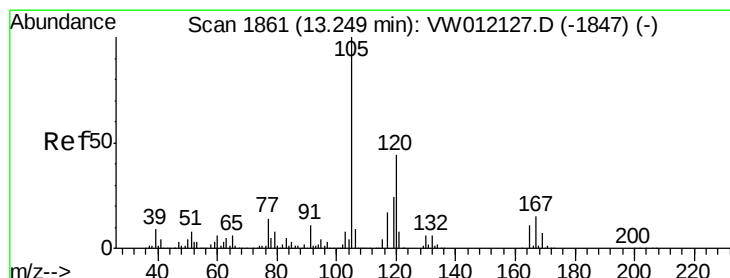
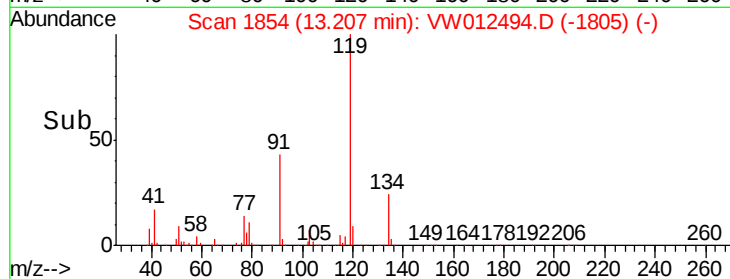
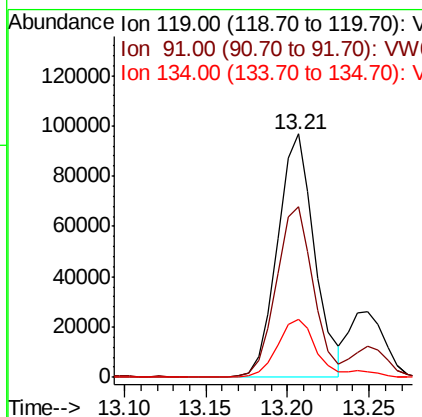
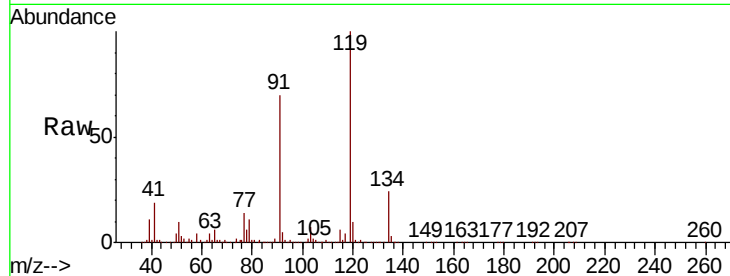




#83
 tert-Butylbenzene
 Concen: 22.701 ug/l
 RT: 13.21 min Scan# 1854
 Delta R.T. -0.00 min
 Lab File: VW012494.D
 Acq: 02 Sep 2019 13:09

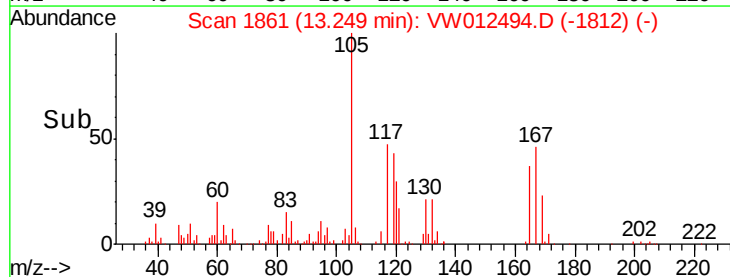
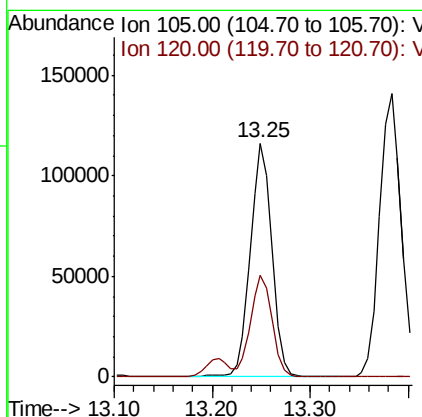
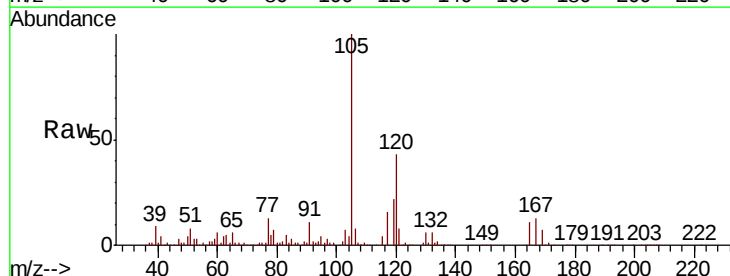
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0902SBSD01

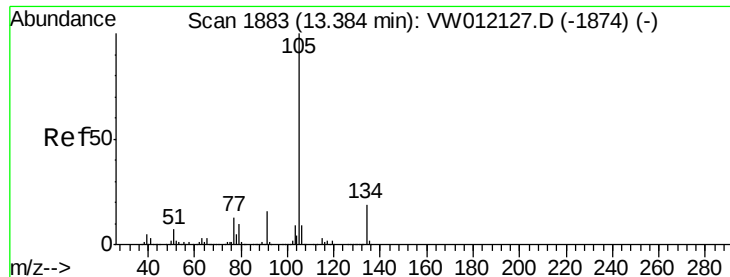
Tgt Ion:119 Resp: 152841
 Ion Ratio Lower Upper
 119 100
 91 69.5 34.8 104.3
 134 26.6 13.3 39.8



#84
 1,2,4-Trimethylbenzene
 Concen: 22.110 ug/l
 RT: 13.25 min Scan# 1861
 Delta R.T. -0.00 min
 Lab File: VW012494.D
 Acq: 02 Sep 2019 13:09

Tgt Ion:105 Resp: 176530
 Ion Ratio Lower Upper
 105 100
 120 43.9 21.9 65.7





#85

sec-Butylbenzene

Concen: 22.273 ug/l

RT: 13.38 min Scan# 1883

Delta R.T. -0.00 min

Lab File: VW012494.D

Acq: 02 Sep 2019 13:09

Instrument :

MSVOA_W

ClientSampleId :

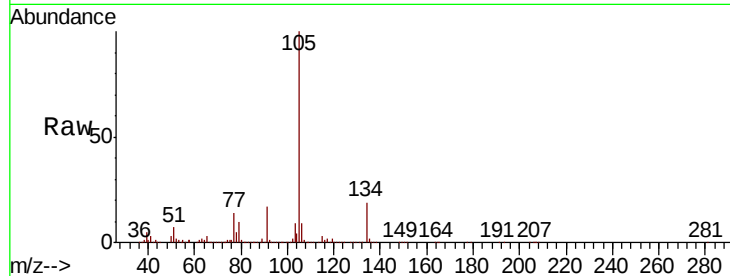
VW0902SBSD01

Tgt Ion:105 Resp: 214842

Ion Ratio Lower Upper

105 100

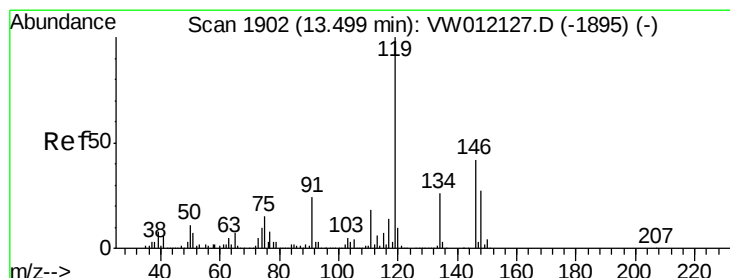
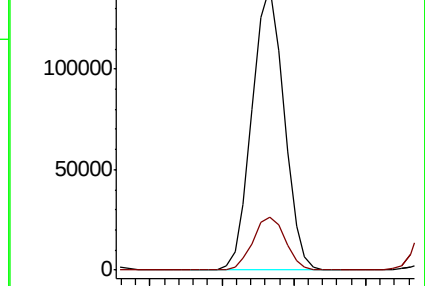
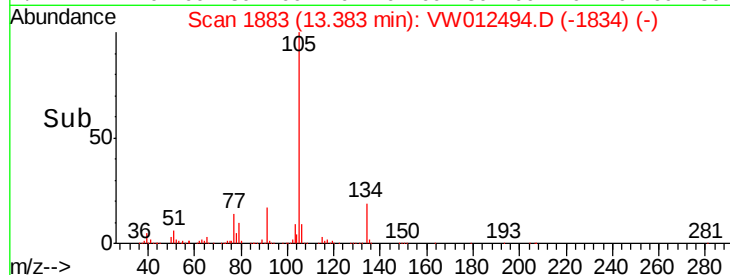
134 19.3 9.8 29.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

13.38



#86

p-Isopropyltoluene

Concen: 22.188 ug/l

RT: 13.50 min Scan# 1902

Delta R.T. -0.00 min

Lab File: VW012494.D

Acq: 02 Sep 2019 13:09

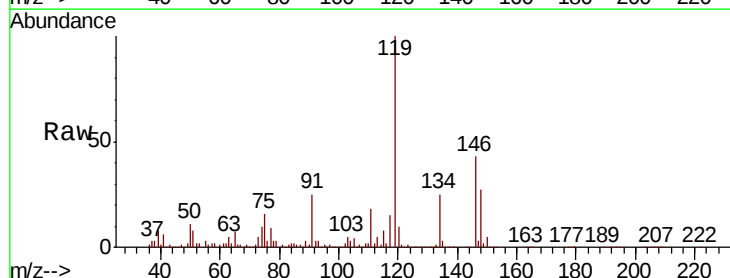
Tgt Ion:119 Resp: 191133

Ion Ratio Lower Upper

119 100

134 25.8 12.8 38.3

91 24.8 12.3 36.9

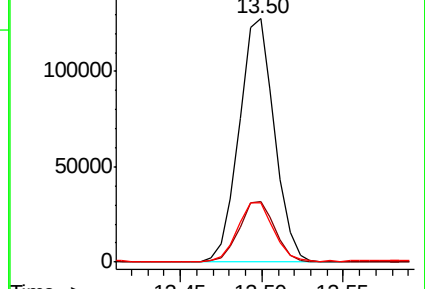
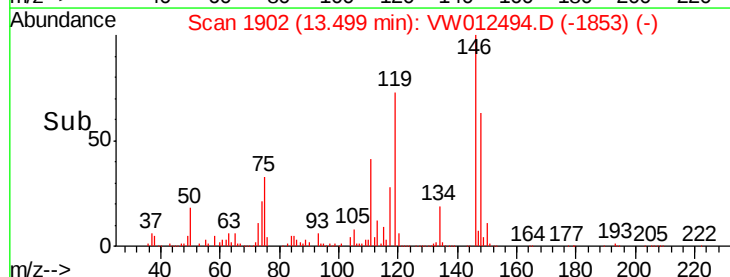


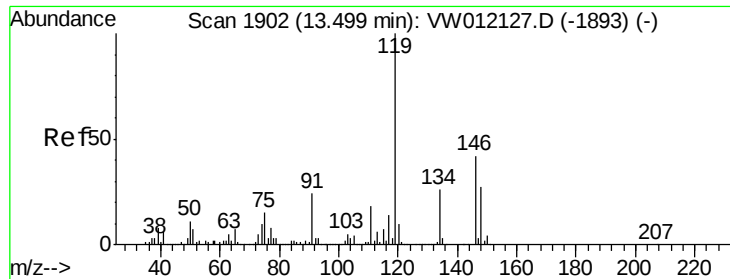
Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

13.50





#87

1,3-Dichlorobenzene

Concen: 21.844 ug/l

RT: 13.50 min Scan# 1902

Delta R.T. -0.00 min

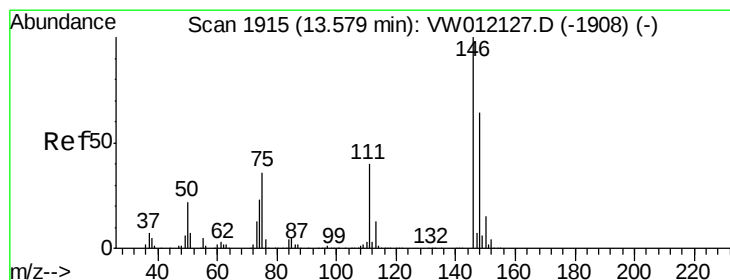
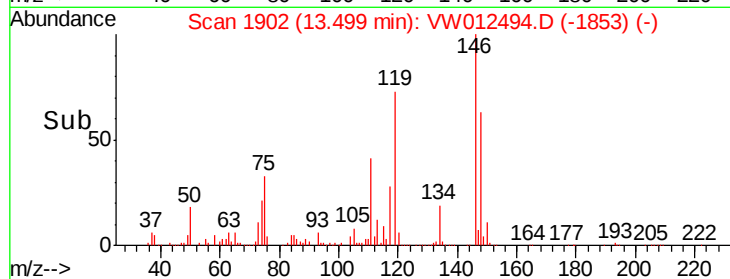
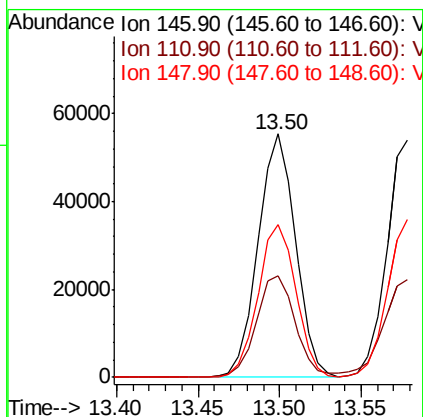
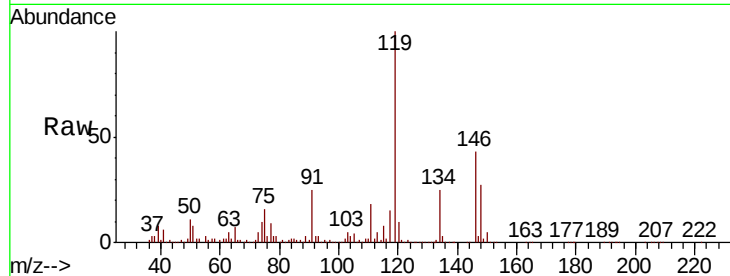
Lab File: VW012494.D

Acq: 02 Sep 2019 13:09

Instrument :
MSVOA_W
ClientSampleId :
VW0902SBSD01

Tgt Ion:146 Resp: 87922

Ion	Ratio	Lower	Upper
146	100		
111	42.9	20.9	62.7
148	63.5	32.2	96.6



#88

1,4-Dichlorobenzene

Concen: 21.684 ug/l

RT: 13.58 min Scan# 1915

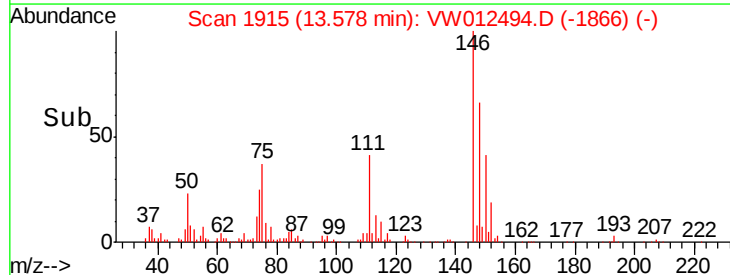
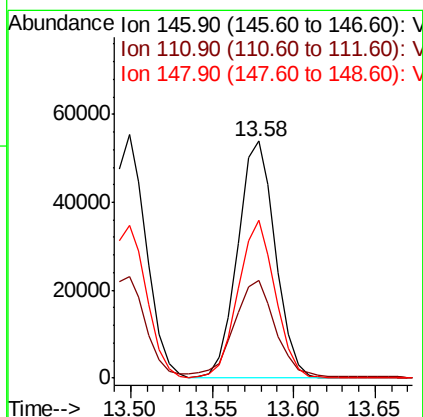
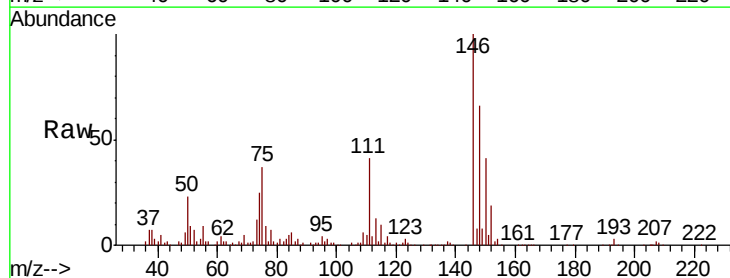
Delta R.T. -0.00 min

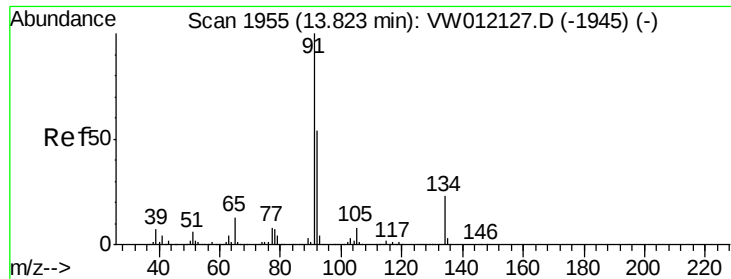
Lab File: VW012494.D

Acq: 02 Sep 2019 13:09

Tgt Ion:146 Resp: 86659

Ion	Ratio	Lower	Upper
146	100		
111	45.2	20.0	60.0
148	65.6	32.1	96.3





#89

n-Butylbenzene

Concen: 22.143 ug/l

RT: 13.82 min Scan# 1955

Delta R.T. -0.00 min

Lab File: VW012494.D

Acq: 02 Sep 2019 13:09

Instrument :

MSVOA_W

ClientSampleId :

VW0902SBSD01

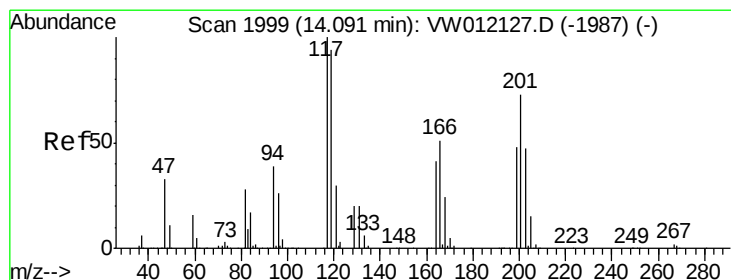
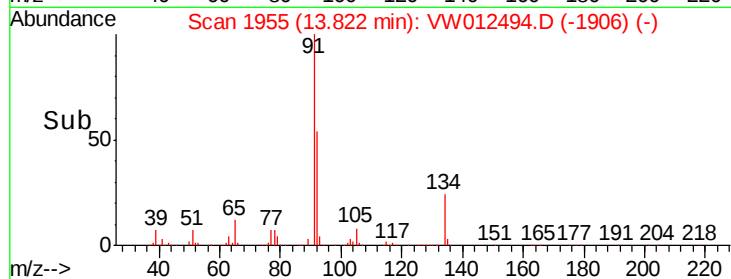
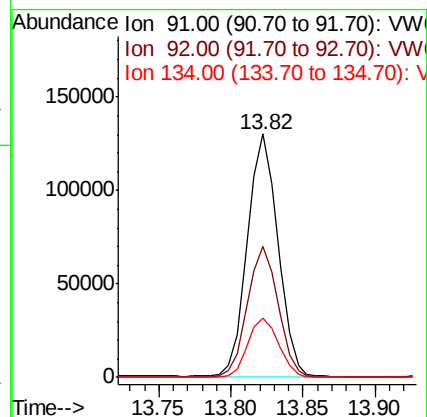
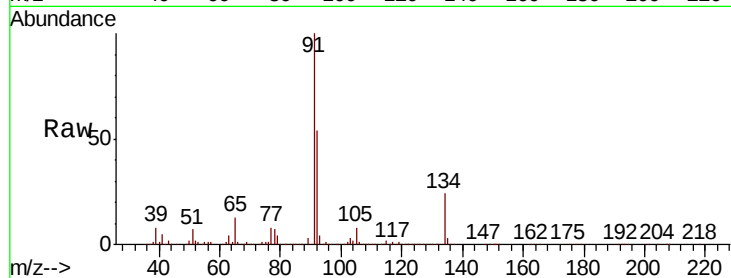
Tgt Ion: 91 Resp: 189688

Ion Ratio Lower Upper

91 100

92 54.1 27.1 81.2

134 24.9 12.2 36.4



#90

Hexachloroethane

Concen: 21.383 ug/l

RT: 14.09 min Scan# 1999

Delta R.T. -0.00 min

Lab File: VW012494.D

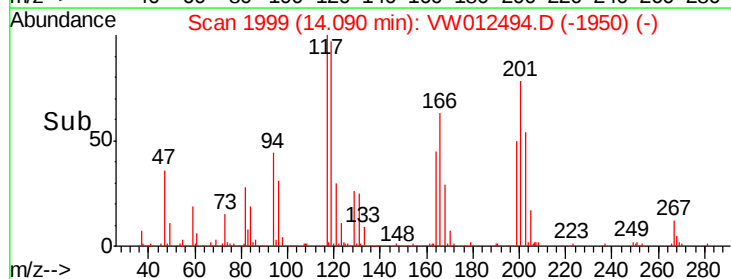
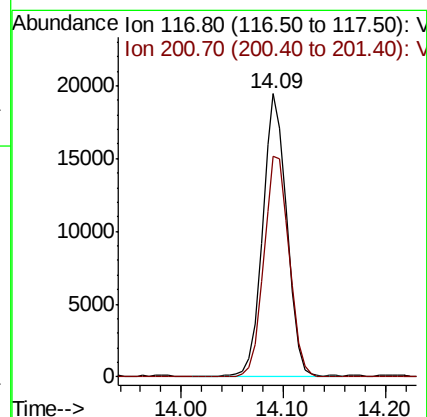
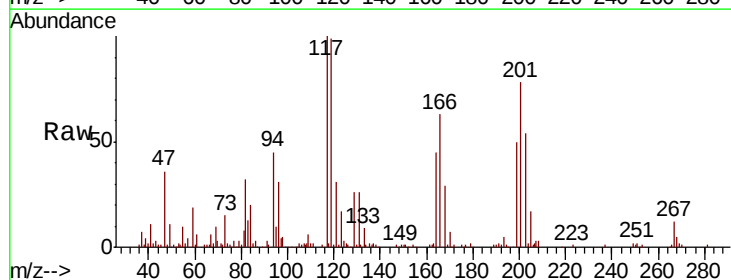
Acq: 02 Sep 2019 13:09

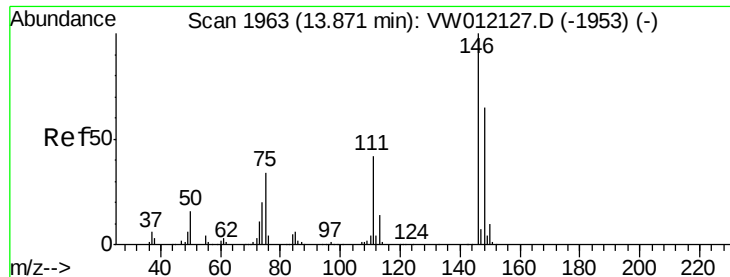
Tgt Ion: 117 Resp: 32318

Ion Ratio Lower Upper

117 100

201 80.9 38.6 115.7

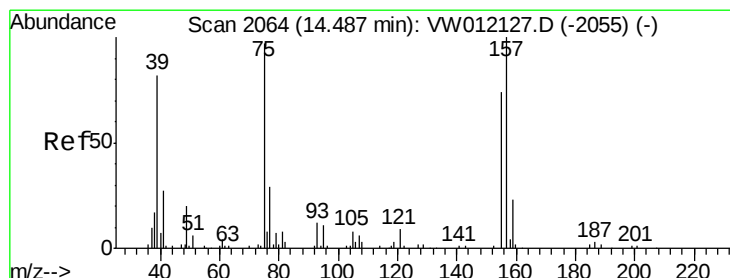
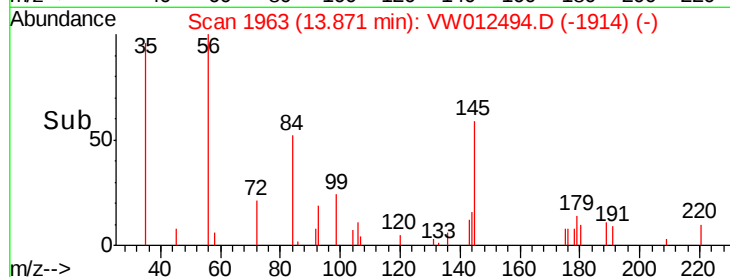
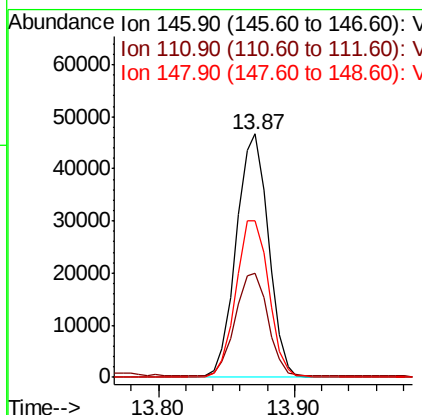
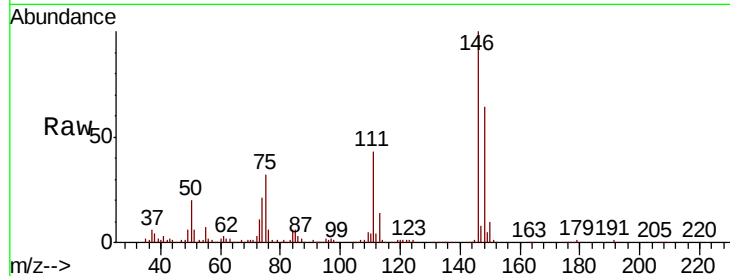




#91
 1,2-Dichlorobenzene
 Concen: 21.888 ug/l
 RT: 13.87 min Scan# 1963
 Delta R.T. -0.00 min
 Lab File: VW012494.D
 Acq: 02 Sep 2019 13:09

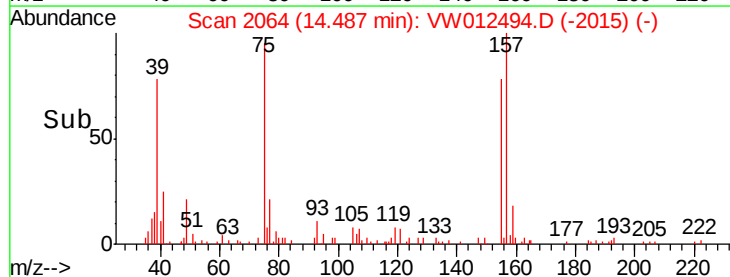
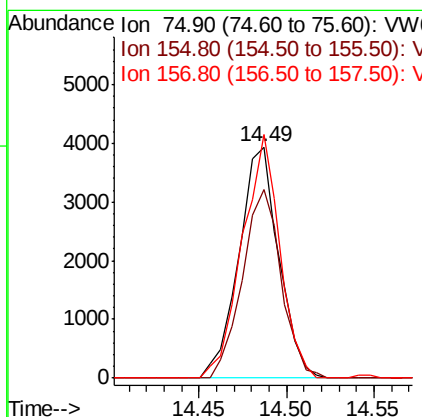
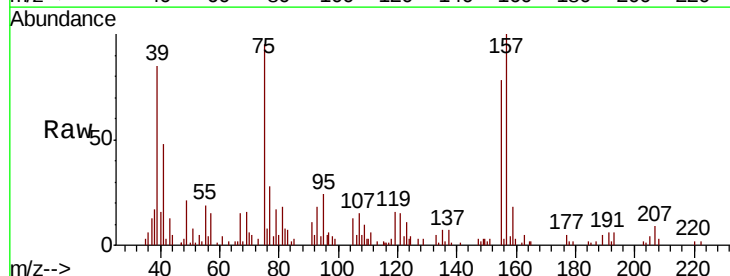
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0902SBSD01

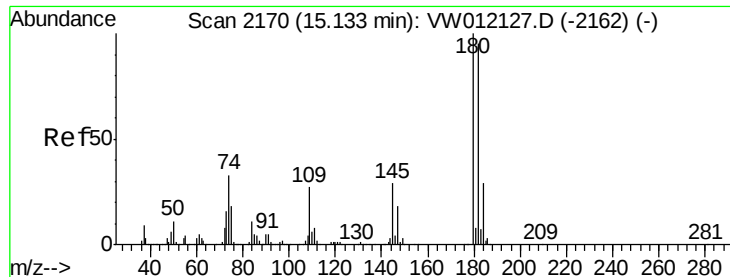
Tgt Ion: 146 Resp: 77287
 Ion Ratio Lower Upper
 146 100
 111 43.3 21.2 63.6
 148 66.0 32.5 97.4



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 21.352 ug/l
 RT: 14.49 min Scan# 2064
 Delta R.T. -0.00 min
 Lab File: VW012494.D
 Acq: 02 Sep 2019 13:09

Tgt Ion: 75 Resp: 6277
 Ion Ratio Lower Upper
 75 100
 155 79.4 37.5 112.3
 157 98.6 50.5 151.5

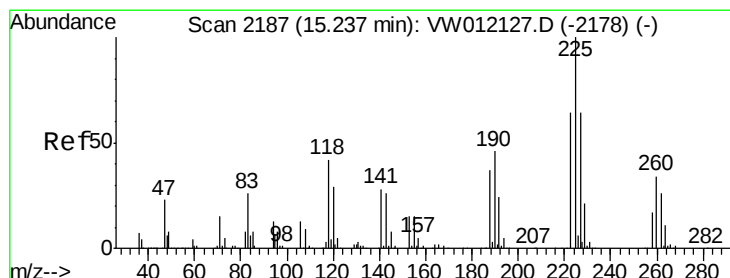
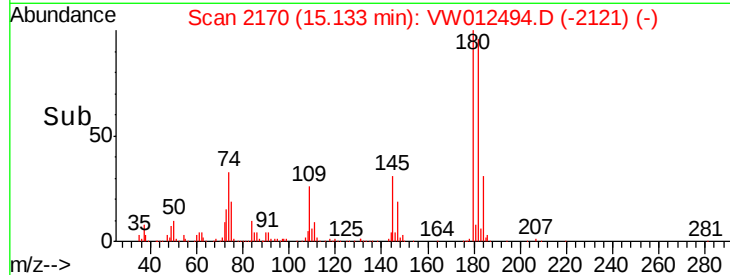
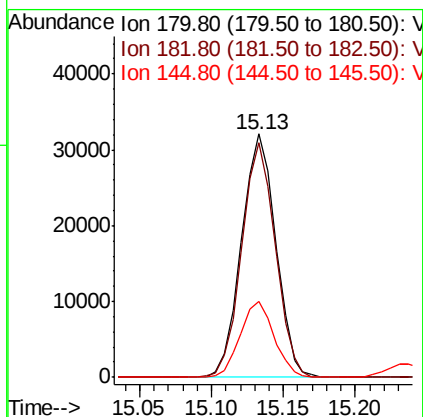
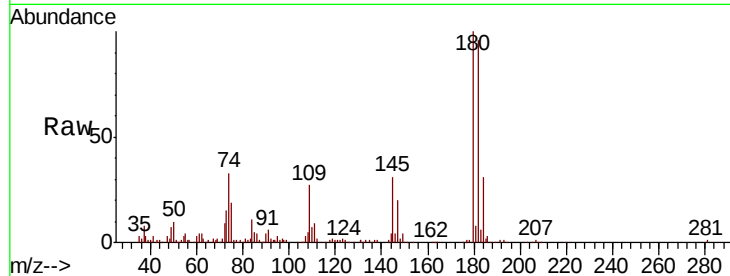




#93
 1,2,4-Trichlorobenzene
 Concen: 21.690 ug/l
 RT: 15.13 min Scan# 2170
 Delta R.T. -0.00 min
 Lab File: VW012494.D
 Acq: 02 Sep 2019 13:09

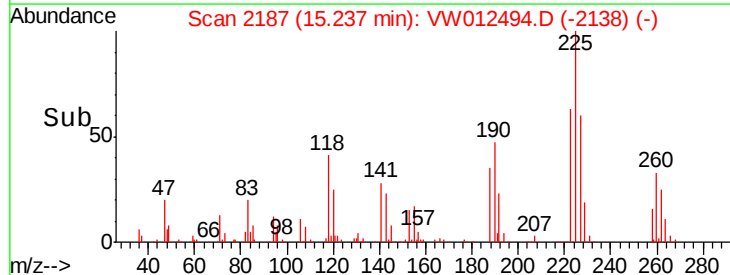
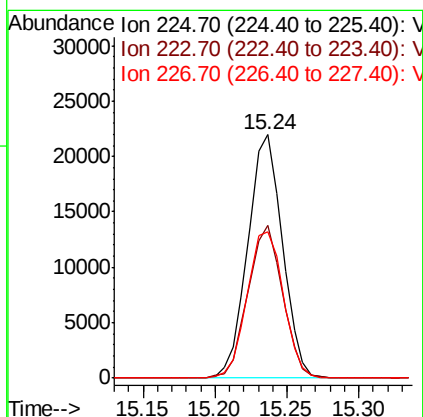
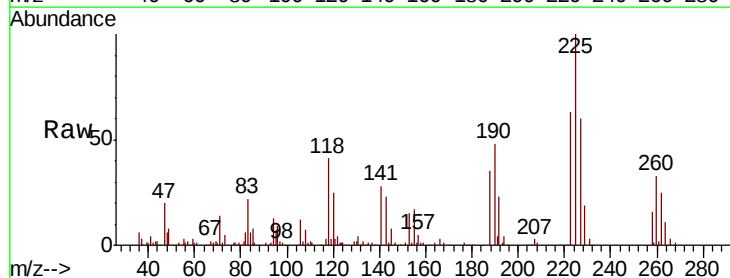
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0902SBSD01

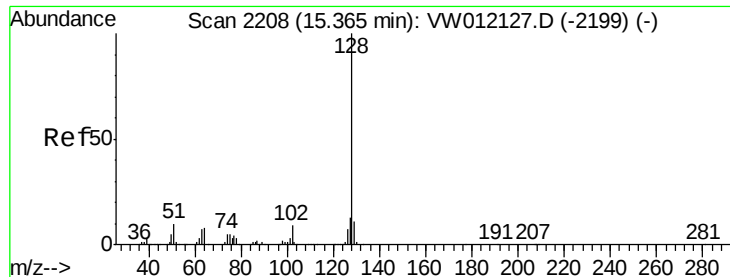
Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.3	47.8	143.4
145	31.2	15.0	45.1



#94
 Hexachlorobutadiene
 Concen: 22.633 ug/l
 RT: 15.24 min Scan# 2187
 Delta R.T. -0.00 min
 Lab File: VW012494.D
 Acq: 02 Sep 2019 13:09

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.0	32.3	96.8
227	63.0	32.9	98.6

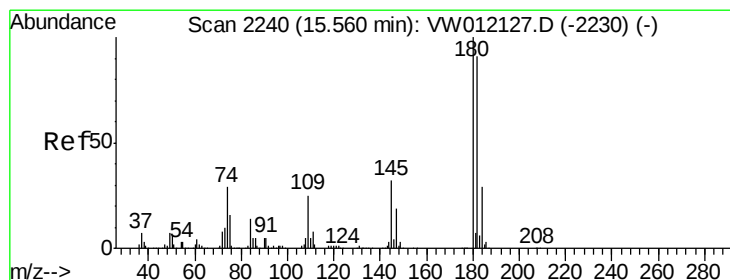
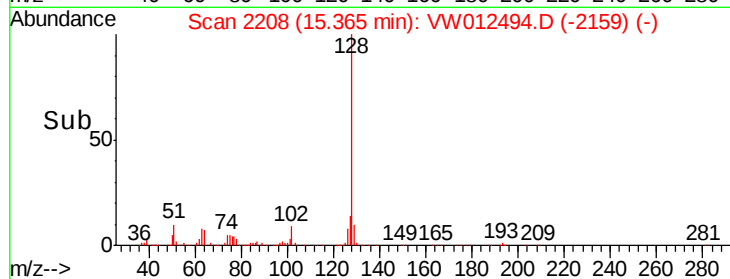
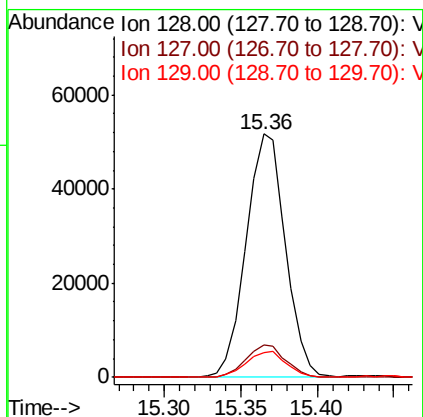
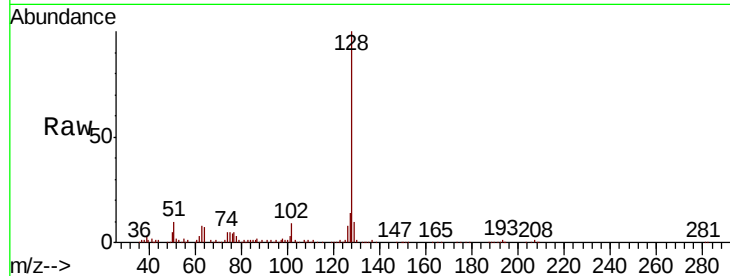




#95
Naphthalene
Concen: 21.947 ug/l
RT: 15.36 min Scan# 2208
Delta R.T. 0.00 min
Lab File: VW012494.D
Acq: 02 Sep 2019 13:09

Instrument :
MSVOA_W
ClientSampleId :
VW0902SBSD01

Tgt Ion:128 Resp: 92378
Ion Ratio Lower Upper
128 100
127 13.6 10.7 16.1
129 11.0 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 21.318 ug/l
RT: 15.56 min Scan# 2240
Delta R.T. -0.00 min
Lab File: VW012494.D
Acq: 02 Sep 2019 13:09

Tgt Ion:180 Resp: 45384
Ion Ratio Lower Upper
180 100
182 94.2 47.1 141.3
145 31.7 16.2 48.5

