

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW090519\
 Data File : VW012660.D
 Acq On : 06 Sep 2019 00:29
 Operator : SY/VA
 Sample : VW0905SBSD04
 Misc : 5.00G/5ML/MSVOA_W/SOIL
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0905SBSD04

Quant Time: Sep 06 07:57:12 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	196266	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	318142	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	270627	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	127654	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	131623	56.41	ug/l	0.00
Spiked Amount	50.000		Recovery	=	112.82%	
35) Dibromofluoromethane	7.88	113	101096	53.24	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.48%	
50) Toluene-d8	10.32	98	368219	47.82	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.64%	
62) 4-Bromofluorobenzene	12.62	95	129725	47.79	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.58%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.01	85	27642	22.873	ug/l	93
3) Chloromethane	2.21	50	35914	19.182	ug/l	97
4) Vinyl Chloride	2.35	62	38290	16.709	ug/l	98
5) Bromomethane	2.78	94	22762	19.613	ug/l	93
6) Chloroethane	2.92	64	23668	18.308	ug/l	93
7) Trichlorofluoromethane	3.25	101	22325	19.402	ug/l	99
8) Diethyl Ether	3.68	74	26034	23.836	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	4.06	101	40400	20.655	ug/l	96
10) Methyl Iodide	4.27	142	57423	21.698	ug/l	97
11) Tert butyl alcohol	5.20	59	19352	137.829	ug/l #	86
12) 1,1-Dichloroethene	4.04	96	39143	19.883	ug/l	96
13) Acrolein	3.89	56	7620	57.654	ug/l	90
14) Allyl chloride	4.66	41	85596	20.338	ug/l	98
15) Acrylonitrile	5.37	53	69015	127.482	ug/l	100
16) Acetone	4.14	43	60694	101.768	ug/l	99
17) Carbon Disulfide	4.38	76	86157	14.481	ug/l	100
18) Methyl Acetate	4.67	43	42411	28.711	ug/l	99
19) Methyl tert-butyl Ether	5.42	73	87431	27.463	ug/l	99
20) Methylene Chloride	4.92	84	52821	23.428	ug/l	95
21) trans-1,2-Dichloroethene	5.42	96	43149	20.439	ug/l	97
22) Diisopropyl ether	6.31	45	191012	24.485	ug/l	98
23) Vinyl Acetate	6.25	43	555617	115.731	ug/l	99
24) 1,1-Dichloroethane	6.21	63	97594	22.976	ug/l	97
25) 2-Butanone	7.18	43	91696	113.145	ug/l	98
26) 2,2-Dichloropropane	7.17	77	52325	21.764	ug/l	99
27) cis-1,2-Dichloroethene	7.17	96	52541	23.295	ug/l	99
28) Bromochloromethane	7.51	49	41124	22.213	ug/l	91
29) Tetrahydrofuran	7.53	42	62091	127.700	ug/l	99
30) Chloroform	7.68	83	95314	24.527	ug/l	99
31) Cyclohexane	7.95	56	76578	18.222	ug/l	97
32) 1,1,1-Trichloroethane	7.87	97	72390	23.547	ug/l	98
36) 1,1-Dichloropropene	8.08	75	64840	19.722	ug/l	99
37) Ethyl Acetate	7.25	43	42112	23.375	ug/l	98
38) Carbon Tetrachloride	8.07	117	61549	21.630	ug/l	99

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW090519\
 Data File : VW012660.D
 Acq On : 06 Sep 2019 00:29
 Operator : SY/VA
 Sample : VW0905SBSD04
 Misc : 5.00G/5ML/MSVOA_W/SOIL
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleID :
 VW0905SBSD04

Quant Time: Sep 06 07:57:12 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)
39) Methylcyclohexane	9.34	83	66867	18.105	ug/l	99
40) Benzene	8.32	78	196134	21.848	ug/l	99
41) Methacrylonitrile	7.48	41	24624	23.255	ug/l	94
42) 1,2-Dichloroethane	8.40	62	70627	25.103	ug/l	99
43) Isopropyl Acetate	8.42	43	81895	24.541	ug/l	99
44) Trichloroethene	9.09	130	47278	21.664	ug/l	95
45) 1,2-Dichloropropane	9.37	63	53553	22.166	ug/l	98
46) Dibromomethane	9.46	93	25090	23.341	ug/l	94
47) Bromodichloromethane	9.64	83	69030	24.129	ug/l	98
48) Methyl methacrylate	9.43	41	40220	25.323	ug/l	96
49) 1,4-Dioxane	9.46	88	8555	519.861	ug/l #	76
51) 4-Methyl-2-Pentanone	10.21	43	208484	122.830	ug/l	100
52) Toluene	10.38	92	116068	21.522	ug/l	98
53) t-1,3-Dichloropropene	10.60	75	66703	22.889	ug/l	100
54) cis-1,3-Dichloropropene	10.07	75	77334	21.978	ug/l	98
55) 1,1,2-Trichloroethane	10.79	97	37495	24.653	ug/l	98
56) Ethyl methacrylate	10.65	69	53377	24.114	ug/l	98
57) 1,3-Dichloropropane	10.93	76	61788	21.498	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.92	63	120751	106.290	ug/l	98
59) 2-Hexanone	10.97	43	119935	99.865	ug/l	100
60) Dibromochloromethane	11.13	129	38214	22.558	ug/l	99
61) 1,2-Dibromoethane	11.24	107	31461	22.204	ug/l	99
64) Tetrachloroethene	10.86	164	36936	21.052	ug/l	98
65) Chlorobenzene	11.66	112	122596	23.006	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.73	131	44713	24.052	ug/l	98
67) Ethyl Benzene	11.73	91	219459	21.379	ug/l	99
68) m/p-Xylenes	11.84	106	160837	43.497	ug/l	99
69) o-Xylene	12.16	106	76957	22.487	ug/l	99
70) Styrene	12.18	104	130951	22.107	ug/l	97
71) Bromoform	12.35	173	24160	26.084	ug/l #	98
73) Isopropylbenzene	12.46	105	213416	22.311	ug/l	99
74) N-amyl acetate	12.27	43	68012	23.534	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.71	83	43175	24.621	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	56931	45.792	ug/l #	100
77) Bromobenzene	12.74	156	51710	24.989	ug/l	94
78) n-propylbenzene	12.80	91	254947	21.833	ug/l	99
79) 2-Chlorotoluene	12.89	91	153098	23.093	ug/l	99
80) 1,3,5-Trimethylbenzene	12.94	105	181683	22.731	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.51	75	12428	21.917	ug/l	91
82) 4-Chlorotoluene	12.99	91	162913	23.468	ug/l	99
83) tert-Butylbenzene	13.21	119	148312	21.906	ug/l	99
84) 1,2,4-Trimethylbenzene	13.25	105	170267	21.207	ug/l	100
85) sec-Butylbenzene	13.38	105	199405	20.557	ug/l	99
86) p-Isopropyltoluene	13.50	119	185322	21.393	ug/l	100
87) 1,3-Dichlorobenzene	13.50	146	90814	22.437	ug/l	98
88) 1,4-Dichlorobenzene	13.58	146	89641	22.305	ug/l	99
89) n-Butylbenzene	13.82	91	172068	19.974	ug/l	99
90) Hexachloroethane	14.09	117	33757	22.211	ug/l	90
91) 1,2-Dichlorobenzene	13.87	146	85563	24.097	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.49	75	7460	25.234	ug/l	94

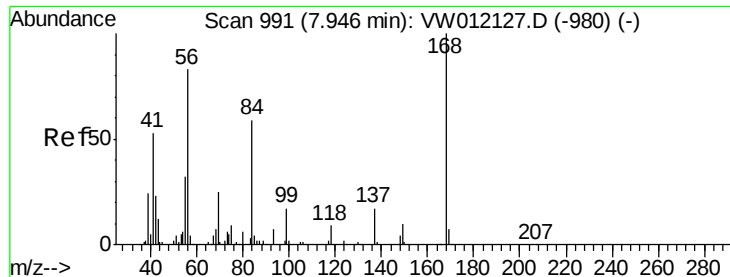
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_W\DATA\VW090519\
Data File : VW012660.D
Acq On : 06 Sep 2019 00:29
Operator : SY/VA
Sample : VW0905SBSD04
Misc : 5.00G/5ML/MSVOA_W/SOIL
ALS Vial : 33 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VW0905SBSD04

Quant Time: Sep 06 07:57:12 2019
Quant Method : Z:\V0ASRV\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)
93) 1,2,4-Trichlorobenzene	15.13	180	60216	24.540	ug/l	99
94) Hexachlorobutadiene	15.24	225	39305	24.259	ug/l	98
95) Naphthalene	15.36	128	112280	25.624	ug/l	99
96) 1,2,3-Trichlorobenzene	15.55	180	54358	25.390	ug/l	97

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.00 min

Lab File: VW012660.D

Acq: 06 Sep 2019 00:29

Instrument :

MSVOA_W

ClientSampleId :

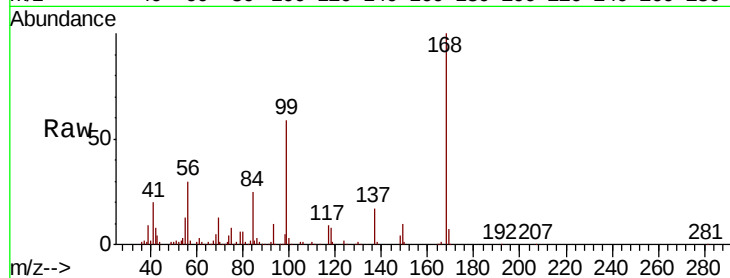
VW0905SBSD04

Tgt Ion:168 Resp: 196266

Ion Ratio Lower Upper

168 100

99 58.8 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

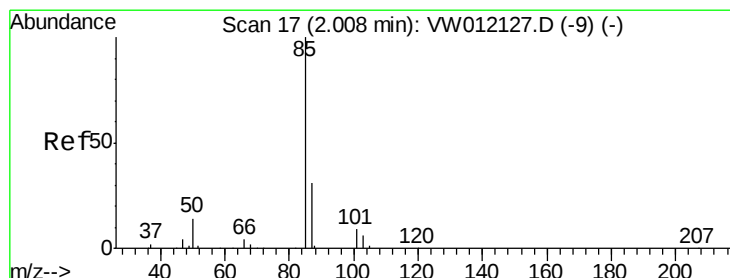
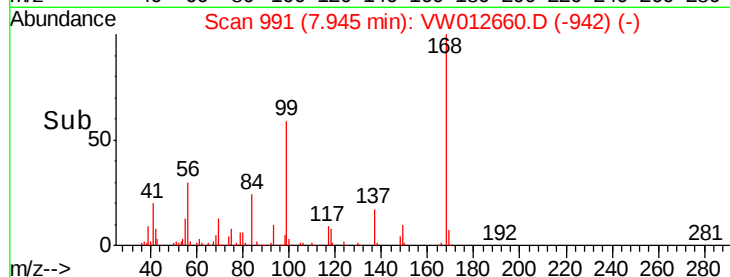
40000

20000

0

7.80 7.90 8.00 8.10

Time-->



#2

Dichlorodifluoromethane

Concen: 22.873 ug/l

RT: 2.01 min Scan# 17

Delta R.T. -0.00 min

Lab File: VW012660.D

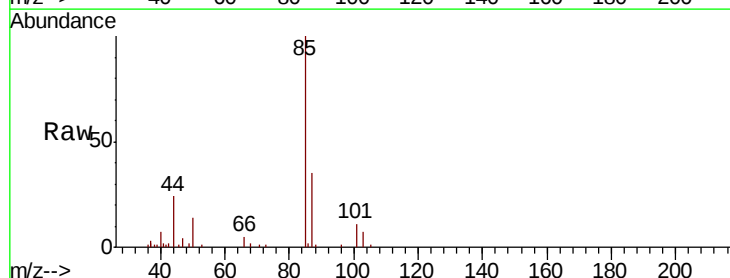
Acq: 06 Sep 2019 00:29

Tgt Ion: 85 Resp: 27642

Ion Ratio Lower Upper

85 100

87 35.1 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

10000

8000

6000

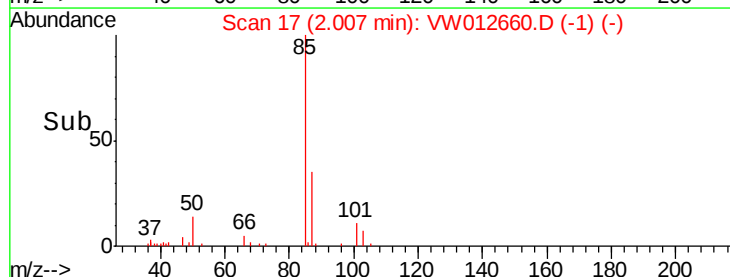
4000

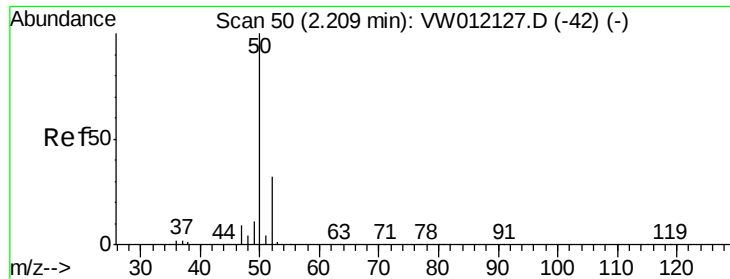
2000

0

1.90 2.00 2.10 2.20

Time-->





#3

Chloromethane

Concen: 19.182 ug/l

RT: 2.21 min Scan# 50

Delta R.T. -0.00 min

Lab File: VW012660.D

Acq: 06 Sep 2019 00:29

Instrument :

MSVOA_W

ClientSampleId :

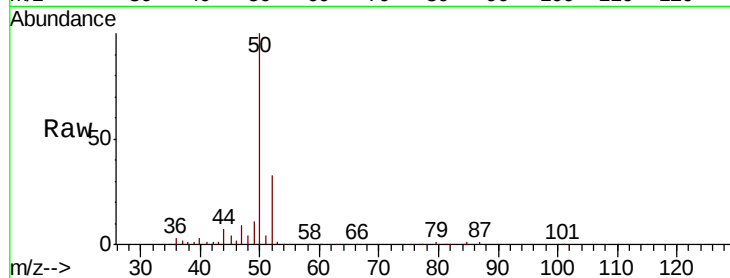
VW0905SBSD04

Tgt Ion: 50 Resp: 35914

Ion Ratio Lower Upper

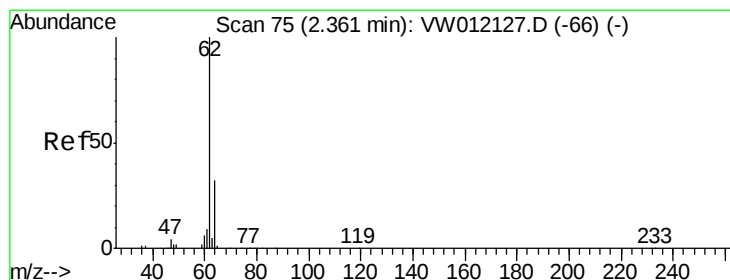
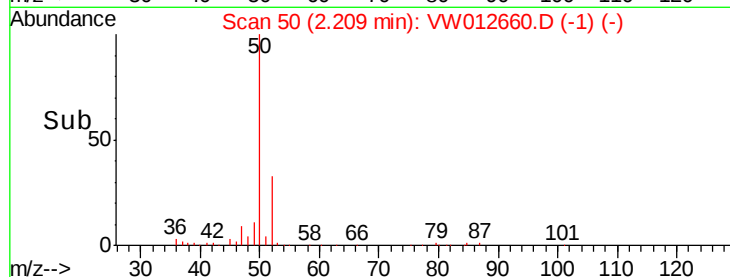
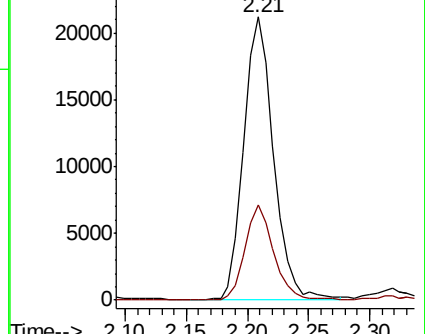
50 100

52 33.5 25.5 38.3



Abundance Ion 49.90 (49.60 to 50.60): VW

Ion 51.90 (51.60 to 52.60): VW



#4

Vinyl Chloride

Concen: 16.709 ug/l

RT: 2.35 min Scan# 74

Delta R.T. -0.01 min

Lab File: VW012660.D

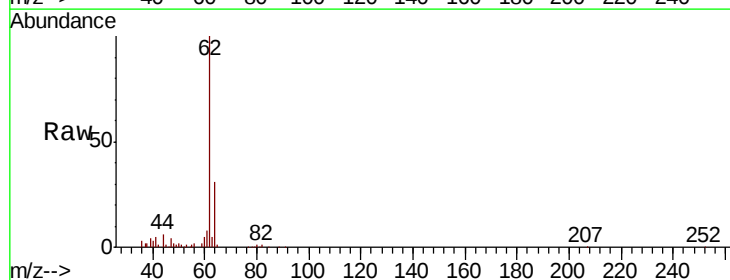
Acq: 06 Sep 2019 00:29

Tgt Ion: 62 Resp: 38290

Ion Ratio Lower Upper

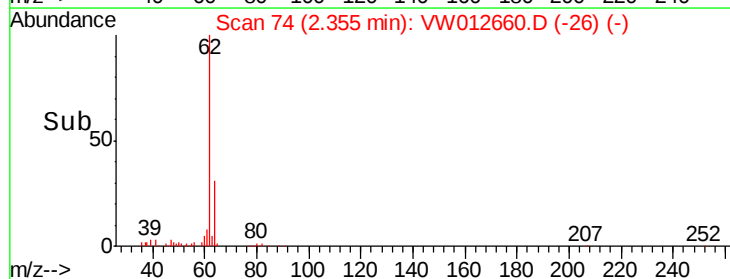
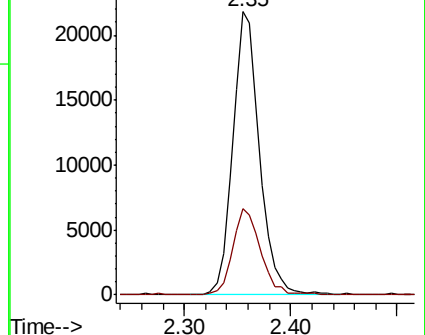
62 100

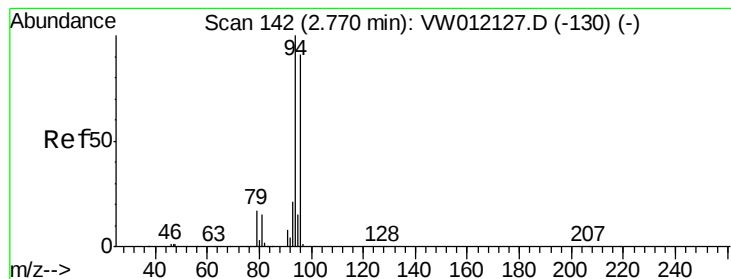
64 30.6 25.3 37.9



Abundance Ion 61.90 (61.60 to 62.60): VW

Ion 63.90 (63.60 to 64.60): VW





#5

Bromomethane

Concen: 19.613 ug/l

RT: 2.78 min Scan# 143

Delta R.T. 0.01 min

Lab File: VW012660.D

Acq: 06 Sep 2019 00:29

Instrument :

MSVOA_W

ClientSampleId :

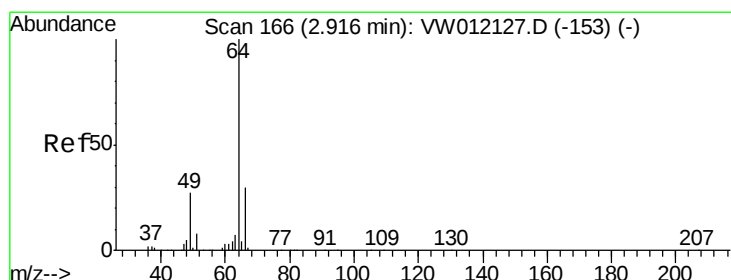
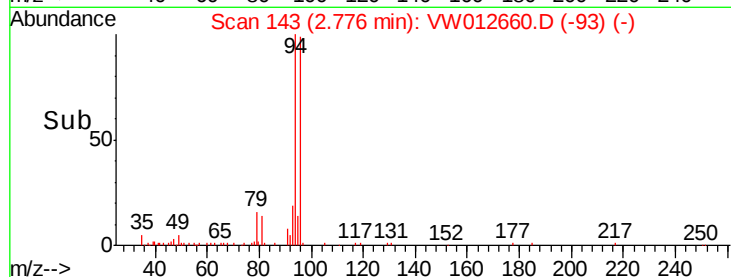
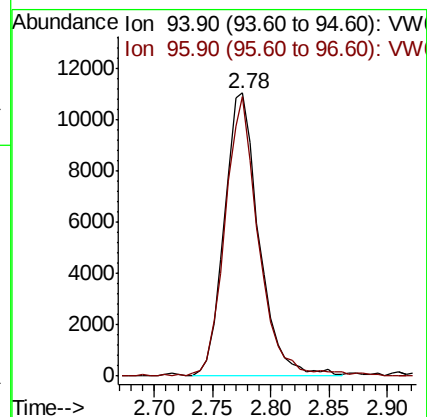
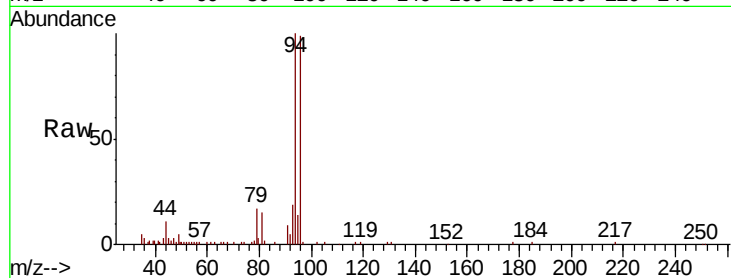
VW0905SBSD04

Tgt Ion: 94 Resp: 22762

Ion Ratio Lower Upper

94 100

96 97.5 72.9 109.3



#6

Chloroethane

Concen: 18.308 ug/l

RT: 2.92 min Scan# 166

Delta R.T. -0.00 min

Lab File: VW012660.D

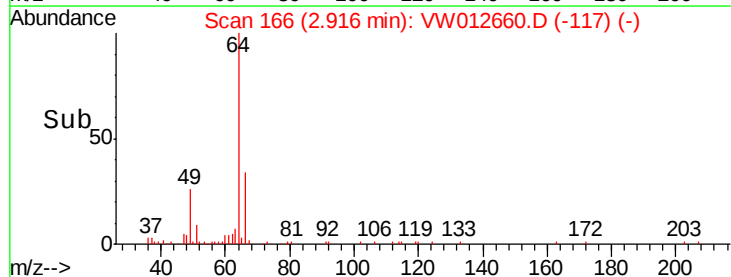
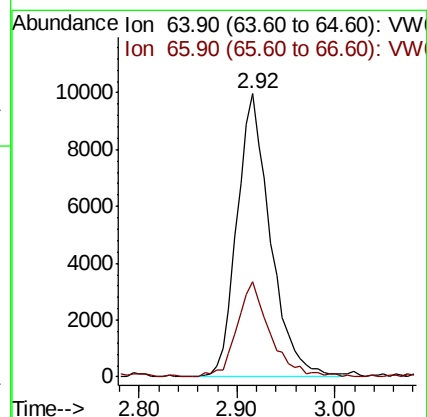
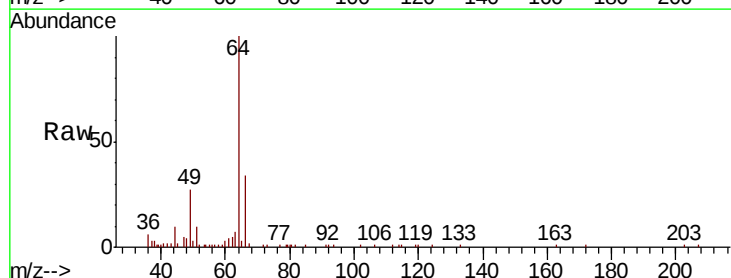
Acq: 06 Sep 2019 00:29

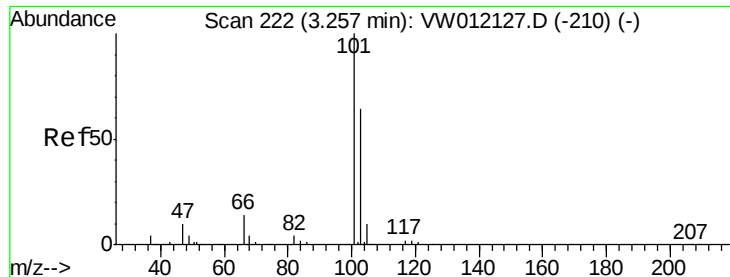
Tgt Ion: 64 Resp: 23668

Ion Ratio Lower Upper

64 100

66 33.7 23.8 35.8



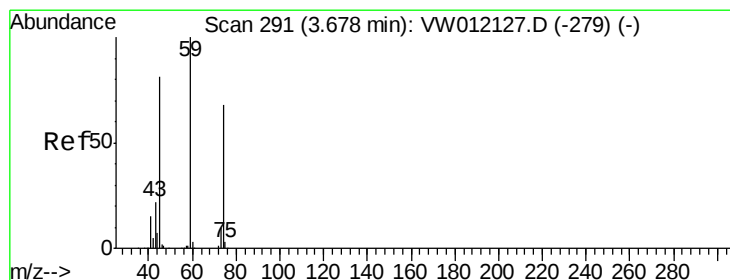
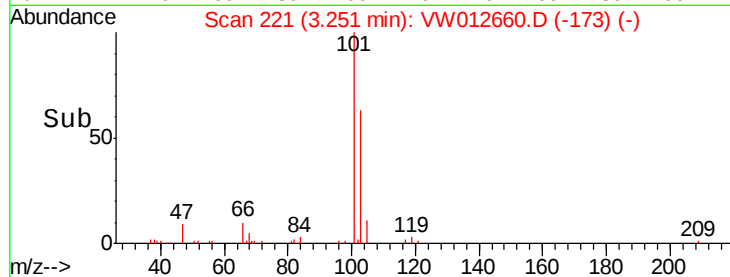
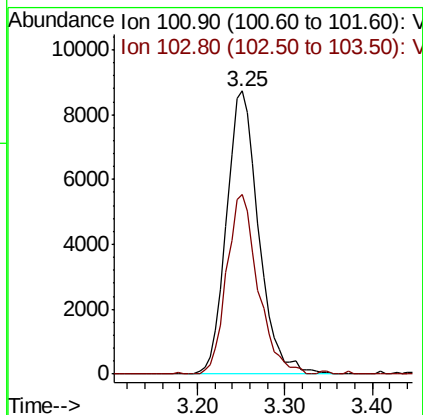
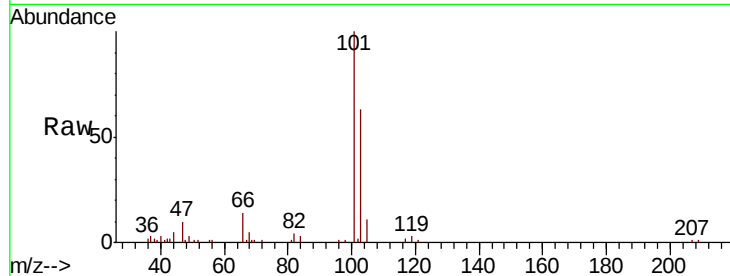


#7

Trichlorofluoromethane
 Concen: 19.402 ug/l
 RT: 3.25 min Scan# 221
 Delta R.T. -0.01 min
 Lab File: VW012660.D
 Acq: 06 Sep 2019 00:29

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0905SBSD04

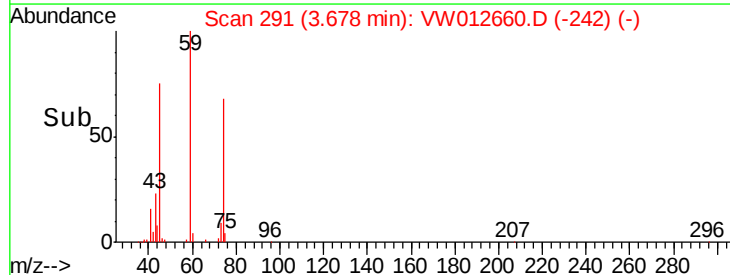
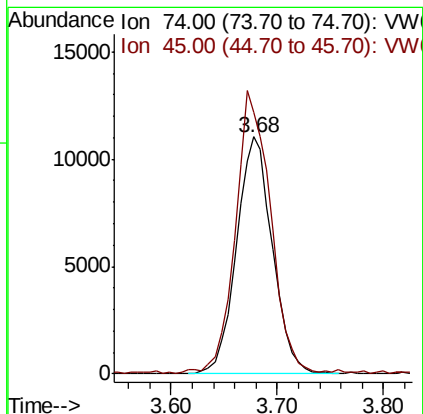
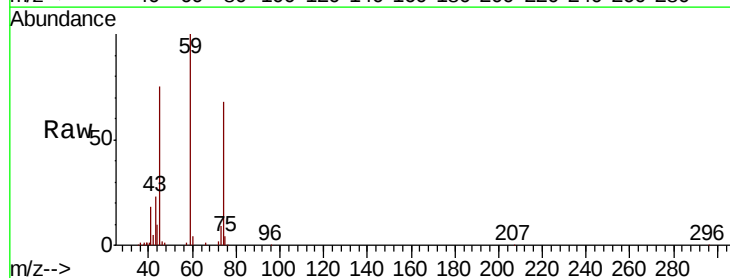
Tgt Ion:101 Resp: 22325
 Ion Ratio Lower Upper
 101 100
 103 63.4 51.2 76.8

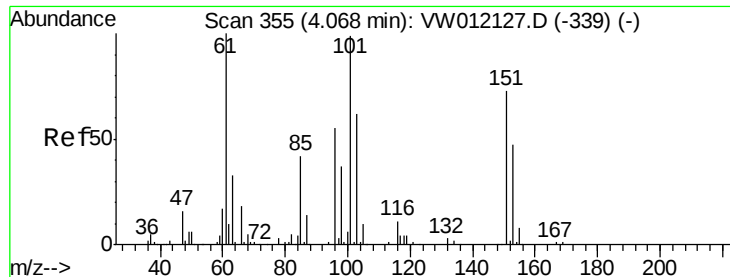


#8

Diethyl Ether
 Concen: 23.836 ug/l
 RT: 3.68 min Scan# 291
 Delta R.T. -0.00 min
 Lab File: VW012660.D
 Acq: 06 Sep 2019 00:29

Tgt Ion: 74 Resp: 26034
 Ion Ratio Lower Upper
 74 100
 45 117.5 59.2 177.6





#9

1,1,2-Trichlorotrifluoroethane

Concen: 20.655 ug/l

RT: 4.06 min Scan# 354

Delta R.T. -0.01 min

Lab File: VW012660.D

Acq: 06 Sep 2019 00:29

Instrument :

MSVOA_W

ClientSampleId :

VW0905SBSD04

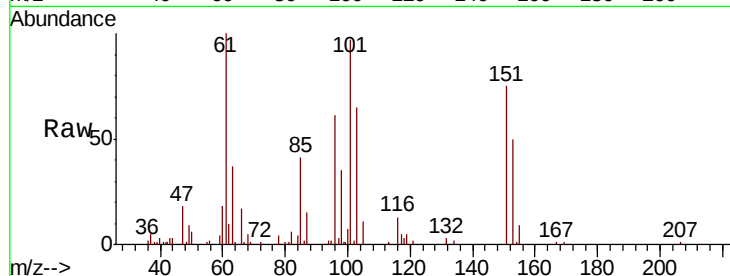
Tgt Ion:101 Resp: 40400

Ion Ratio Lower Upper

101 100

85 45.2 35.8 53.6

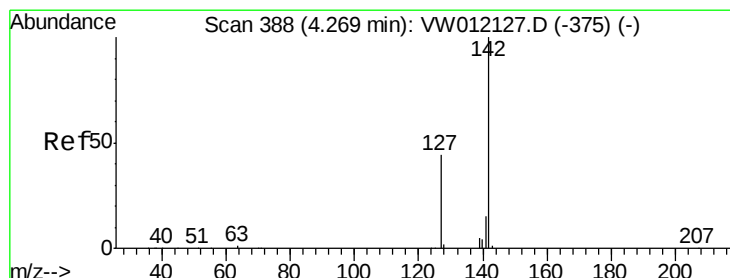
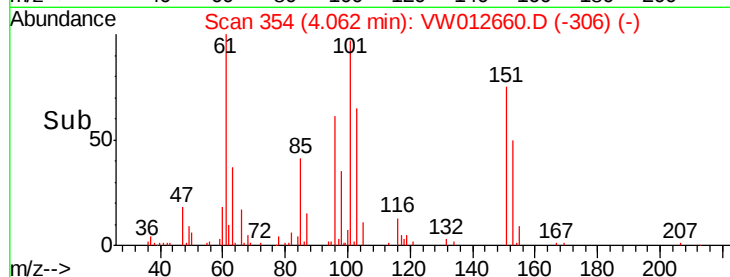
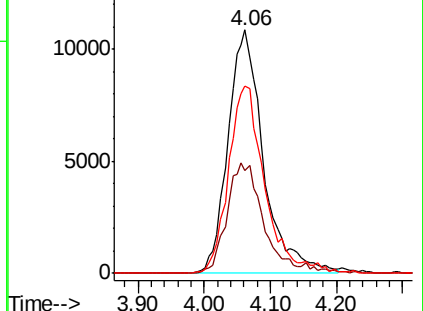
151 78.7 58.6 87.8



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: 21.698 ug/l

RT: 4.27 min Scan# 388

Delta R.T. -0.00 min

Lab File: VW012660.D

Acq: 06 Sep 2019 00:29

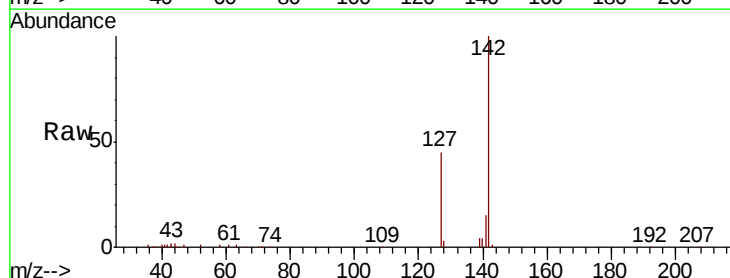
Tgt Ion:142 Resp: 57423

Ion Ratio Lower Upper

142 100

127 46.5 35.5 53.3

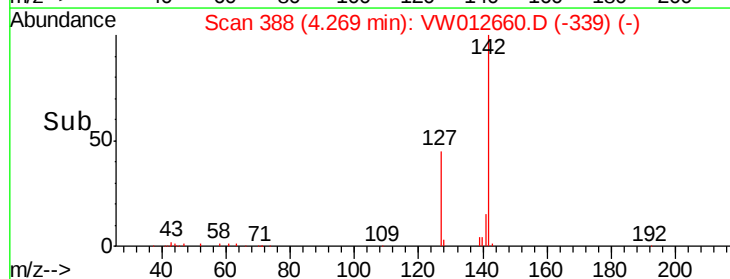
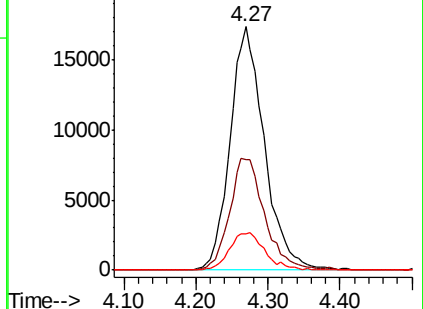
141 15.9 11.8 17.8

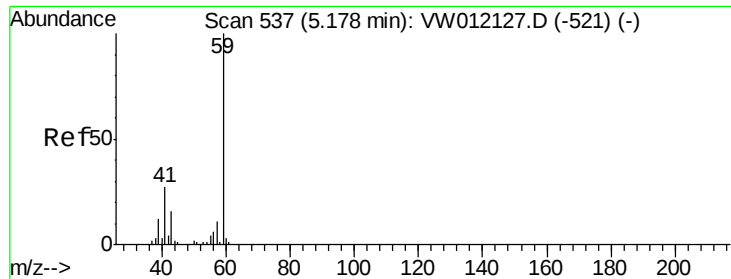


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

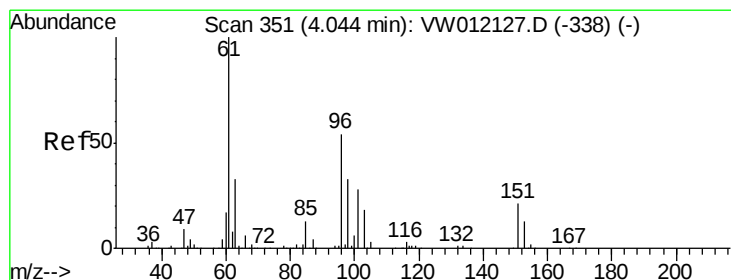
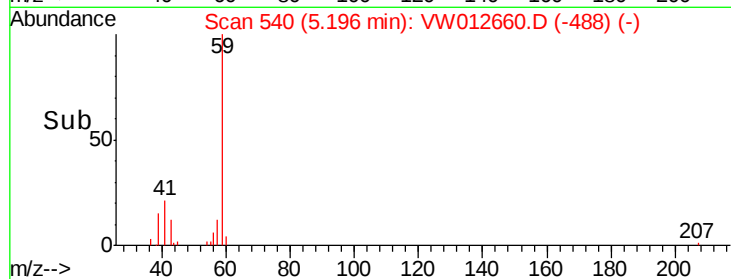
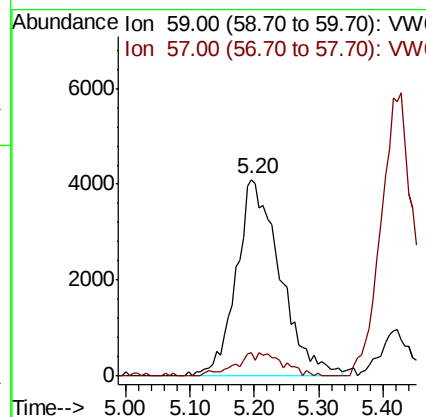
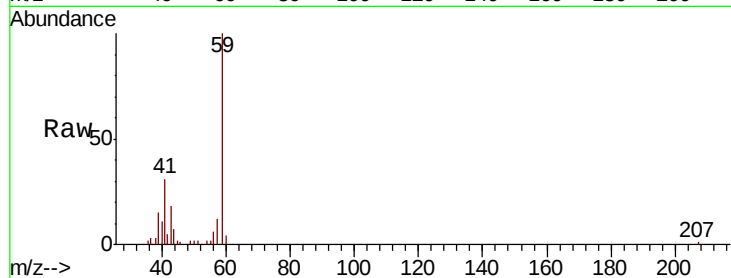




#11
Tert butyl alcohol
Concen: 137.829 ug/l
RT: 5.20 min Scan# 540
Delta R.T. 0.02 min
Lab File: VW012660.D
Acq: 06 Sep 2019 00:29

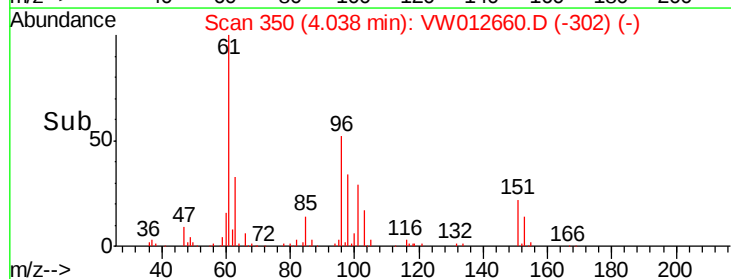
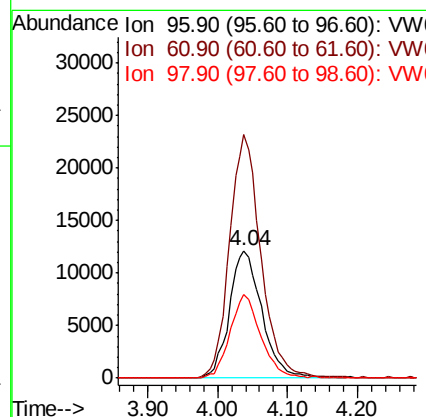
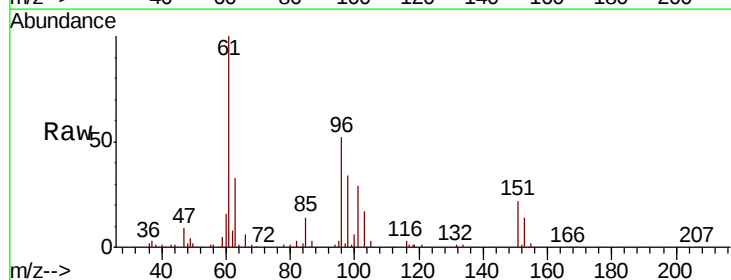
Instrument :
MSVOA_W
ClientSampleId :
VW0905SBSD04

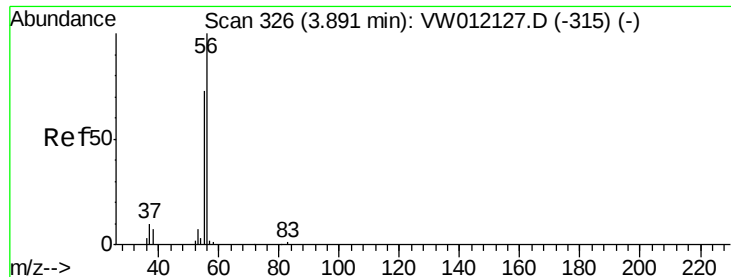
Tgt Ion: 59 Resp: 19352
Ion Ratio Lower Upper
59 100
57 5.7 9.0 13.4#



#12
1,1-Dichloroethene
Concen: 19.883 ug/l
RT: 4.04 min Scan# 350
Delta R.T. -0.01 min
Lab File: VW012660.D
Acq: 06 Sep 2019 00:29

Tgt Ion: 96 Resp: 39143
Ion Ratio Lower Upper
96 100
61 191.1 149.1 223.7
98 65.7 49.4 74.2





#13

Acrolein

Concen: 57.654 ug/l

RT: 3.89 min Scan# 326

Delta R.T. -0.00 min

Lab File: VW012660.D

Acq: 06 Sep 2019 00:29

Instrument :

MSVOA_W

ClientSampleId :

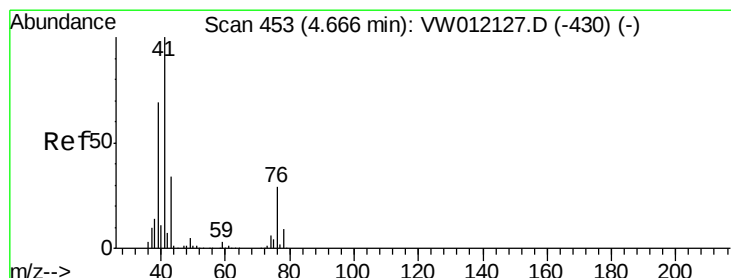
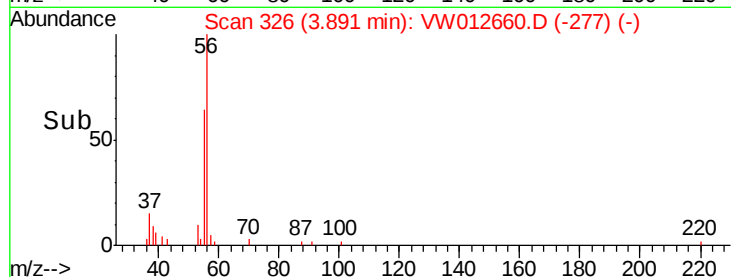
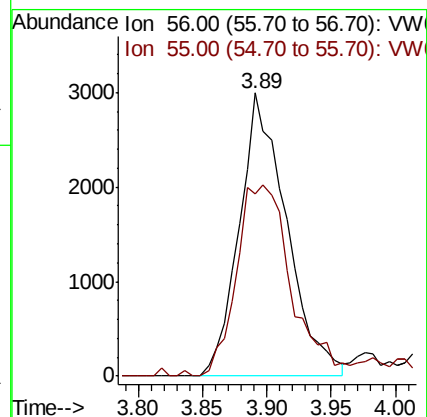
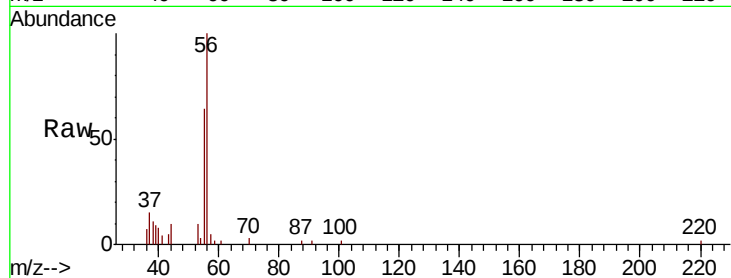
VW0905SBSD04

Tgt Ion: 56 Resp: 7620

Ion Ratio Lower Upper

56 100

55 78.0 55.8 83.8



#14

Allyl chloride

Concen: 20.338 ug/l

RT: 4.66 min Scan# 452

Delta R.T. -0.01 min

Lab File: VW012660.D

Acq: 06 Sep 2019 00:29

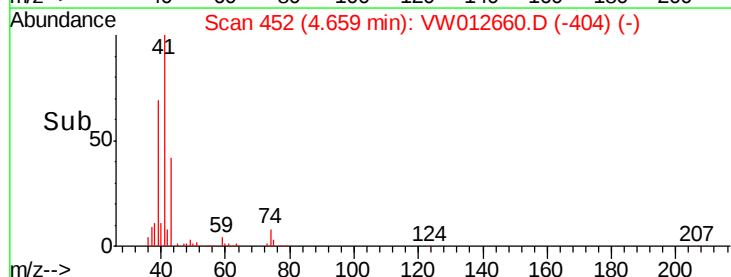
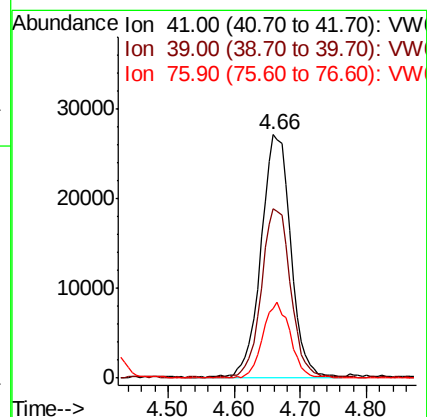
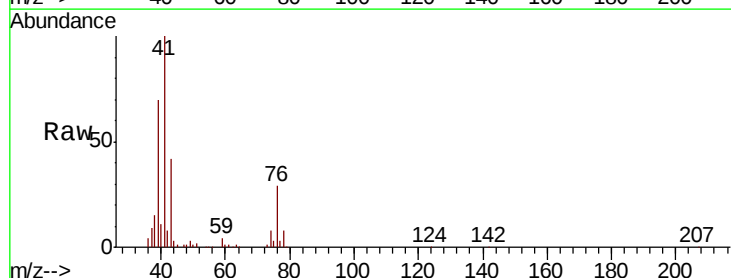
Tgt Ion: 41 Resp: 85596

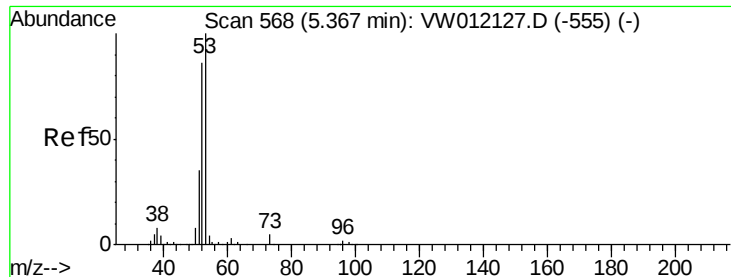
Ion Ratio Lower Upper

41 100

39 69.0 53.4 80.2

76 28.6 22.1 33.1





#15

Acrylonitrile

Concen: 127.482 ug/l

RT: 5.37 min Scan# 568

Delta R.T. -0.00 min

Lab File: VW012660.D

Acq: 06 Sep 2019 00:29

Instrument :

MSVOA_W

ClientSampleId :

VW0905SBSD04

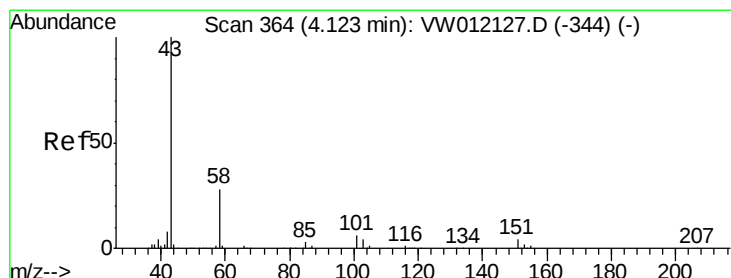
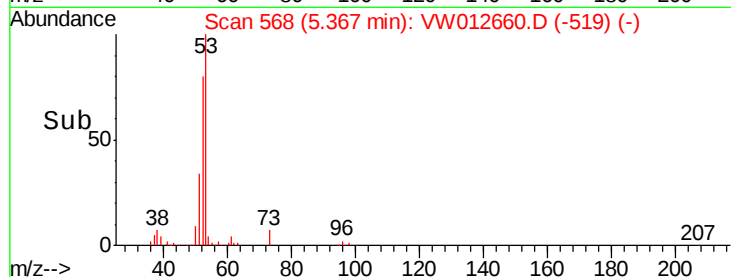
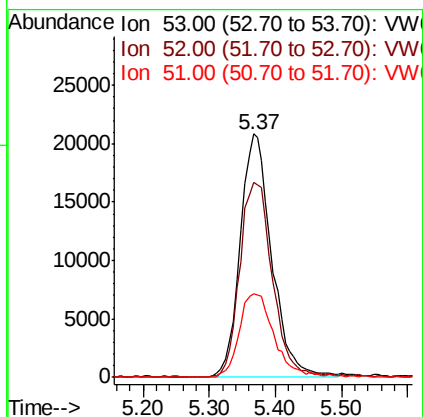
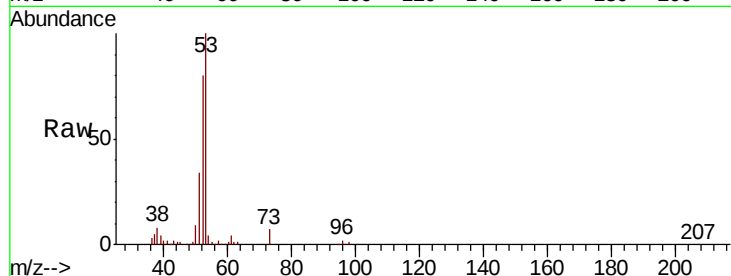
Tgt Ion: 53 Resp: 69015

Ion Ratio Lower Upper

53 100

52 83.4 66.7 100.1

51 37.9 30.1 45.1



#16

Acetone

Concen: 101.768 ug/l

RT: 4.14 min Scan# 366

Delta R.T. 0.01 min

Lab File: VW012660.D

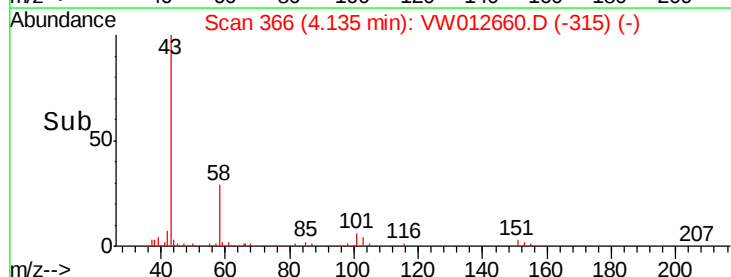
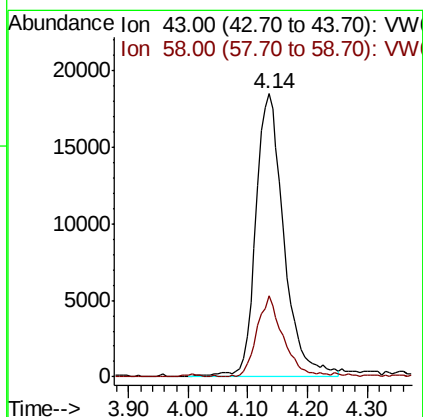
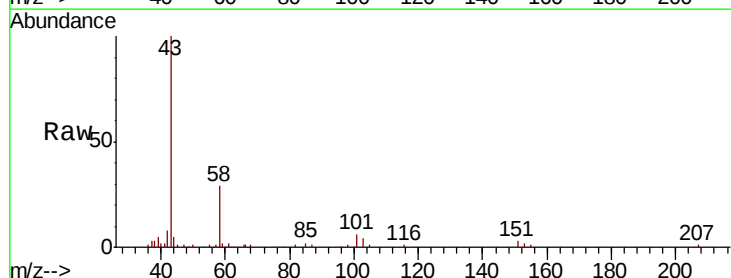
Acq: 06 Sep 2019 00:29

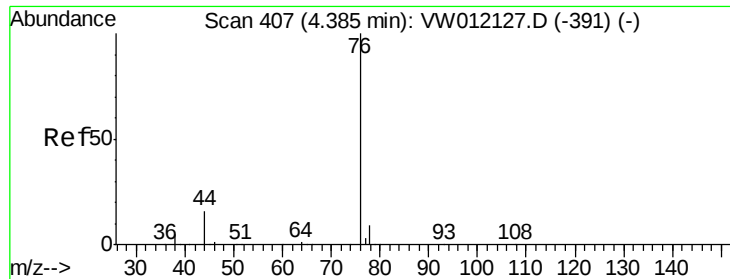
Tgt Ion: 43 Resp: 60694

Ion Ratio Lower Upper

43 100

58 28.3 22.4 33.6

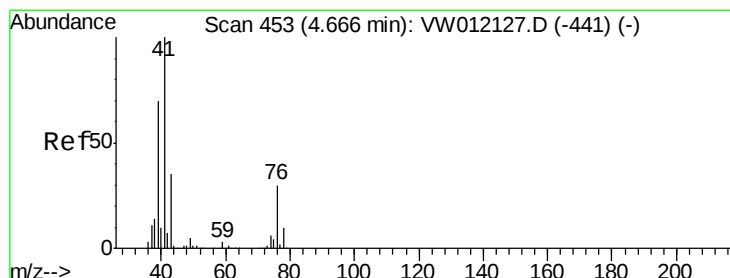
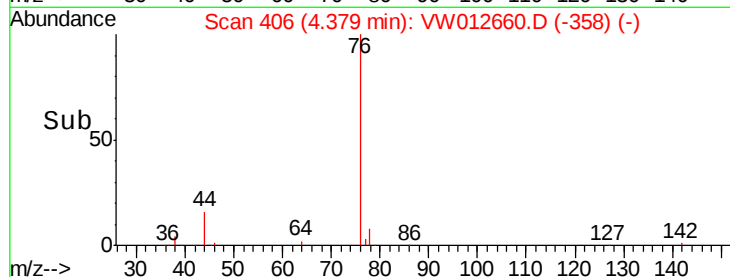
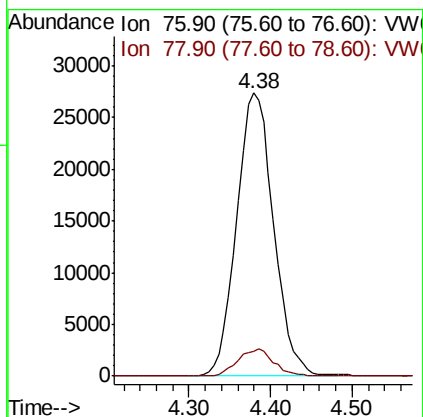
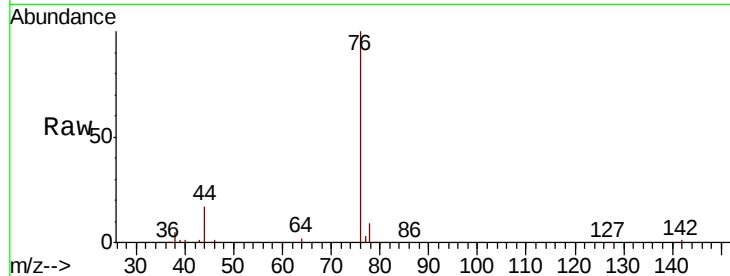




#17
Carbon Disulfide
Concen: 14.481 ug/l
RT: 4.38 min Scan# 406
Delta R.T. -0.01 min
Lab File: VW012660.D
Acq: 06 Sep 2019 00:29

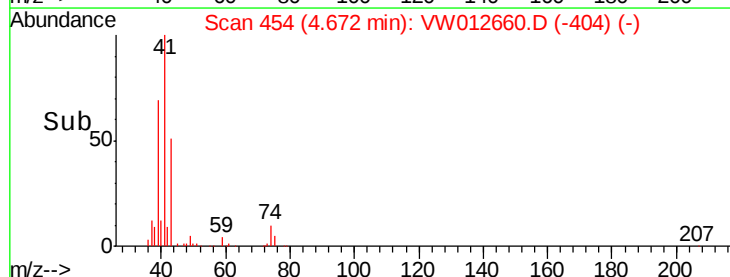
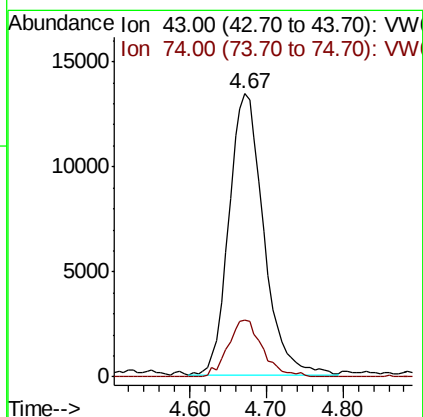
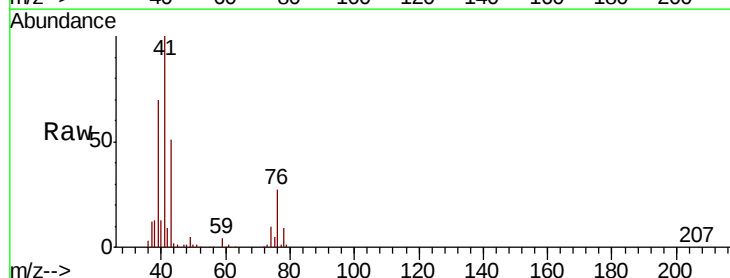
Instrument :
MSVOA_W
ClientSampleId :
VW0905SBSD04

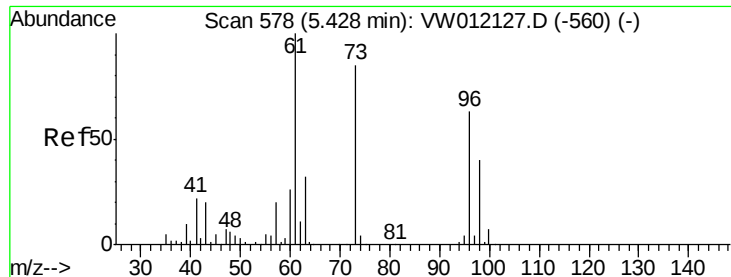
Tgt Ion: 76 Resp: 86157
Ion Ratio Lower Upper
76 100
78 9.0 7.3 10.9



#18
Methyl Acetate
Concen: 28.711 ug/l
RT: 4.67 min Scan# 454
Delta R.T. 0.01 min
Lab File: VW012660.D
Acq: 06 Sep 2019 00:29

Tgt Ion: 43 Resp: 42411
Ion Ratio Lower Upper
43 100
74 20.0 15.7 23.5

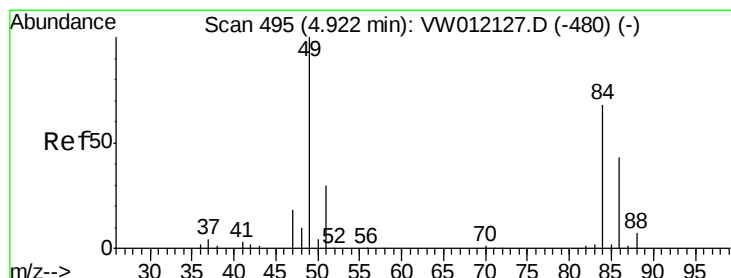
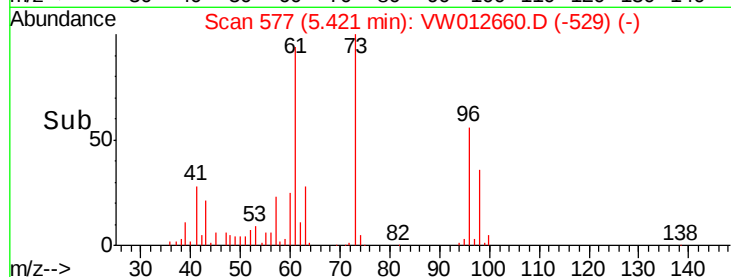
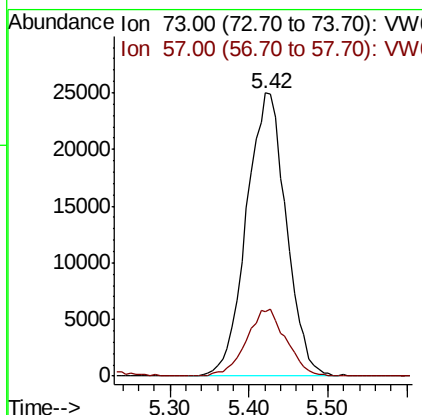
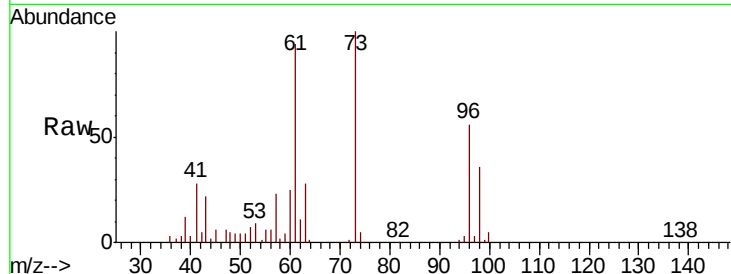




#19
Methyl tert-butyl Ether
Concen: 27.463 ug/l
RT: 5.42 min Scan# 577
Delta R.T. -0.01 min
Lab File: VW012660.D
Acq: 06 Sep 2019 00:29

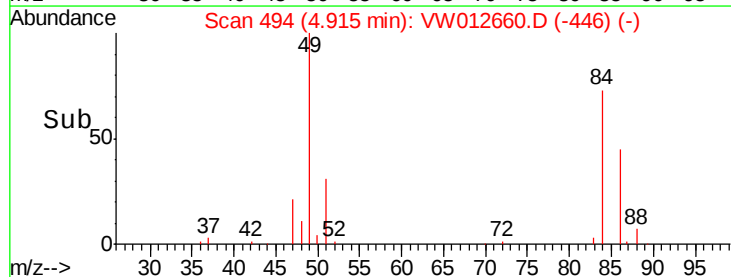
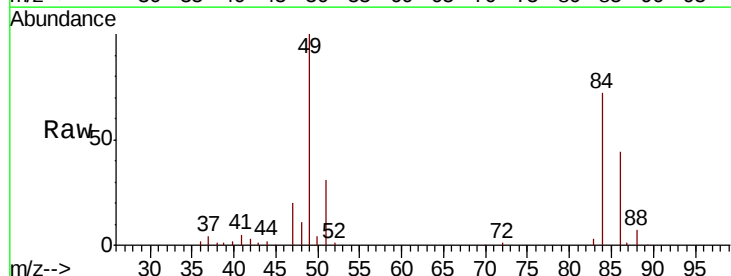
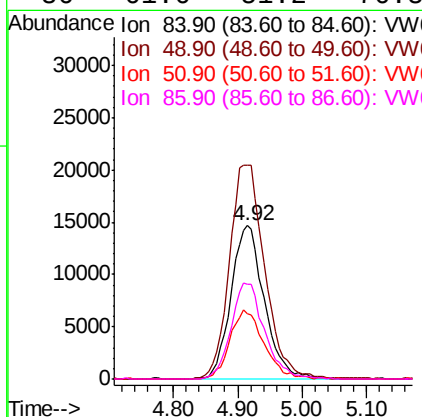
Instrument :
MSVOA_W
ClientSampleId :
VW0905SBSD04

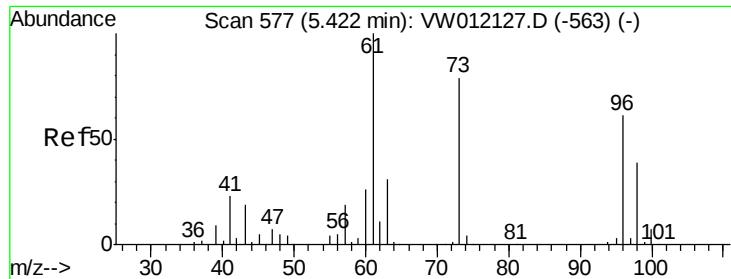
Tgt Ion: 73 Resp: 87431
Ion Ratio Lower Upper
73 100
57 22.9 18.9 28.3



#20
Methylene Chloride
Concen: 23.428 ug/l
RT: 4.92 min Scan# 494
Delta R.T. -0.01 min
Lab File: VW012660.D
Acq: 06 Sep 2019 00:29

Tgt Ion: 84 Resp: 52821
Ion Ratio Lower Upper
84 100
49 139.4 117.8 176.8
51 42.7 35.6 53.4
86 61.6 51.2 76.8





#21

trans-1,2-Dichloroethene

Concen: 20.439 ug/l

RT: 5.42 min Scan# 576

Delta R.T. -0.01 min

Lab File: VW012660.D

Acq: 06 Sep 2019 00:29

Instrument :

MSVOA_W

ClientSampleId :

VW0905SBSD04

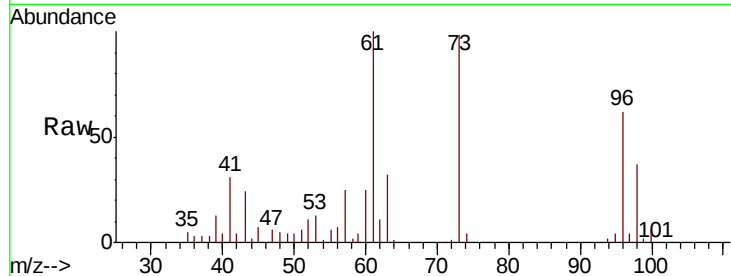
Tgt Ion: 96 Resp: 43149

Ion Ratio Lower Upper

96 100

61 161.4 131.4 197.0

98 59.7 51.4 77.0

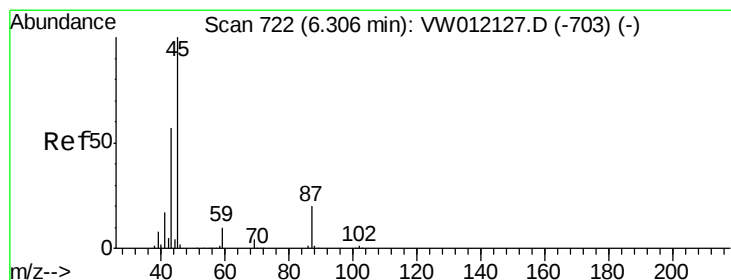
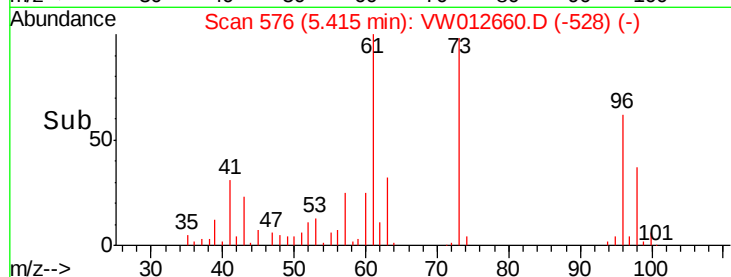
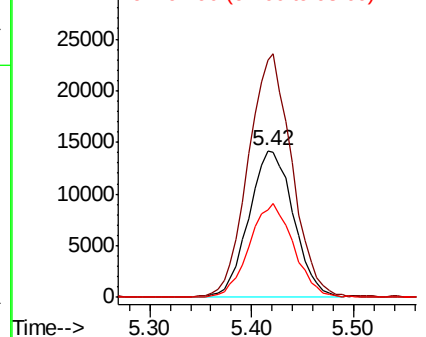


Abundance

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: 24.485 ug/l

RT: 6.31 min Scan# 723

Delta R.T. 0.01 min

Lab File: VW012660.D

Acq: 06 Sep 2019 00:29

Tgt Ion: 45 Resp: 191012

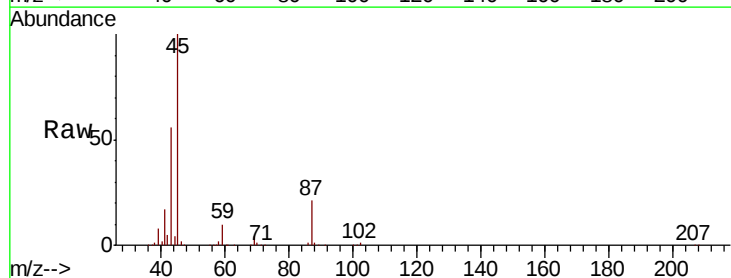
Ion Ratio Lower Upper

45 100

43 55.2 45.5 68.3

87 21.2 16.1 24.1

59 10.1 8.2 12.2



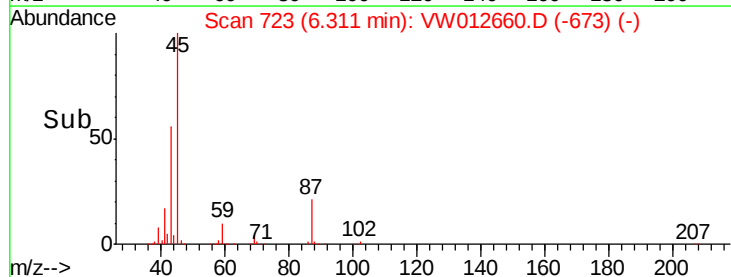
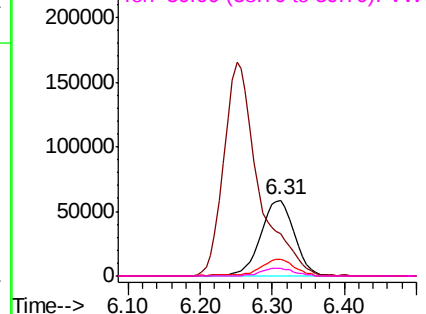
Abundance

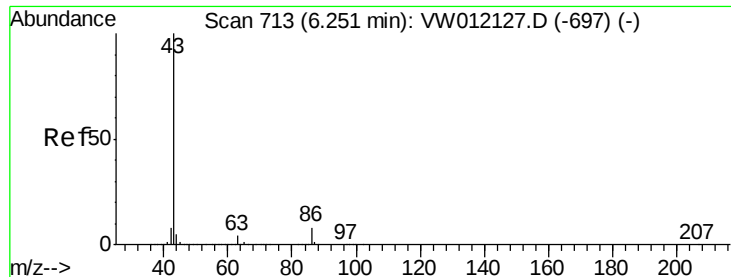
Ion 45.00 (44.70 to 45.70): VW

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

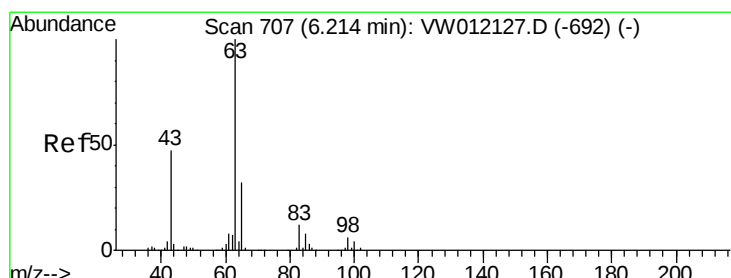
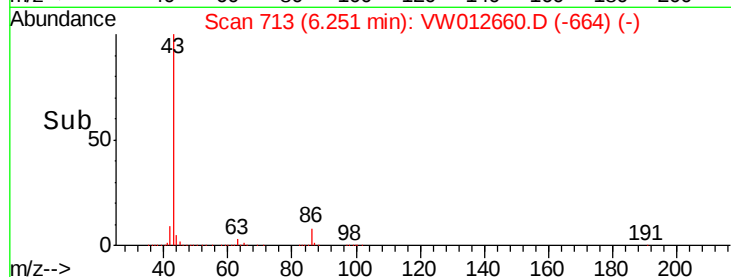
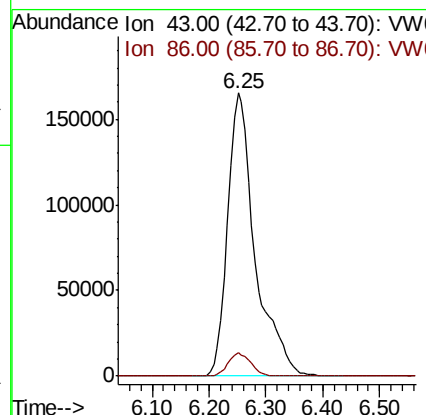
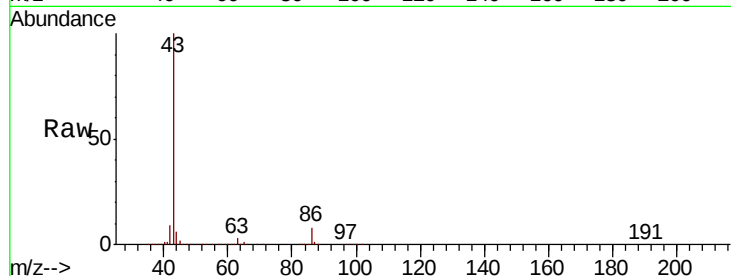




#23
 Vinyl Acetate
 Concen: 115.731 ug/l
 RT: 6.25 min Scan# 713
 Delta R.T. -0.00 min
 Lab File: VW012660.D
 Acq: 06 Sep 2019 00:29

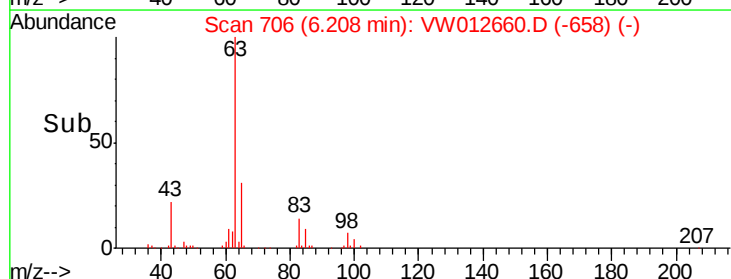
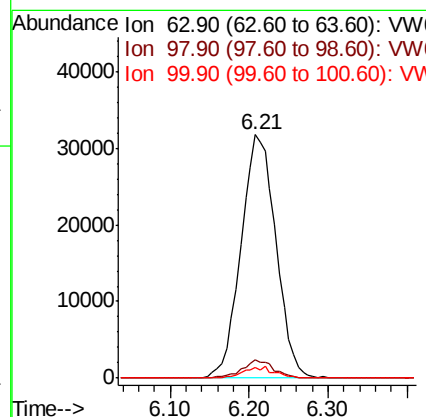
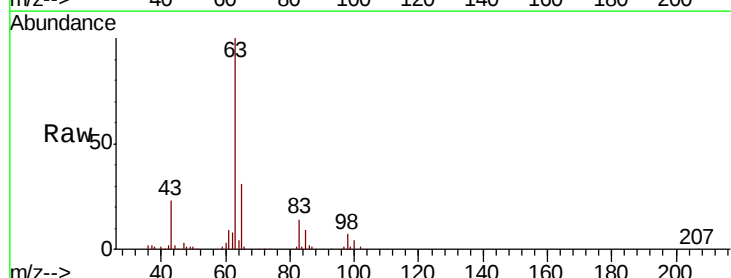
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0905SBSD04

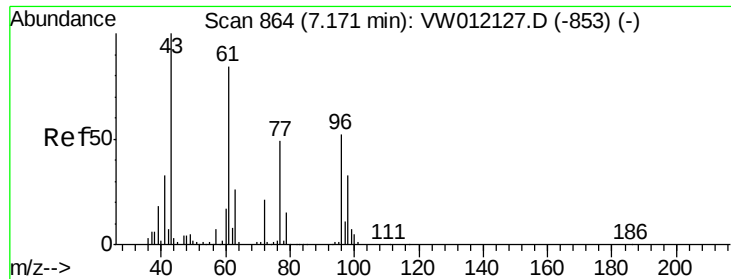
Tgt Ion: 43 Resp: 555617
 Ion Ratio Lower Upper
 43 100
 86 8.4 6.5 9.7



#24
 1,1-Dichloroethane
 Concen: 22.976 ug/l
 RT: 6.21 min Scan# 706
 Delta R.T. -0.01 min
 Lab File: VW012660.D
 Acq: 06 Sep 2019 00:29

Tgt Ion: 63 Resp: 97594
 Ion Ratio Lower Upper
 63 100
 98 7.5 3.0 9.2
 100 4.2 2.0 6.0





#25

2-Butanone

Concen: 113.145 ug/l

RT: 7.18 min Scan# 865

Delta R.T. 0.01 min

Lab File: VW012660.D

Acq: 06 Sep 2019 00:29

Instrument :

MSVOA_W

ClientSampleId :

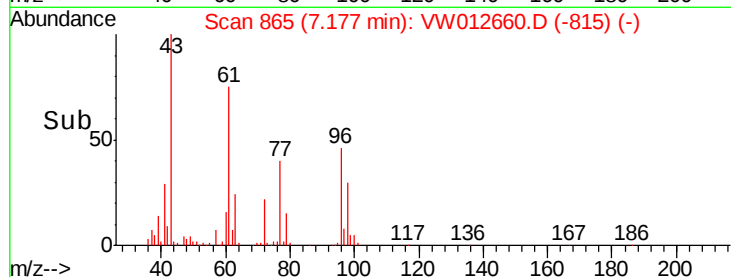
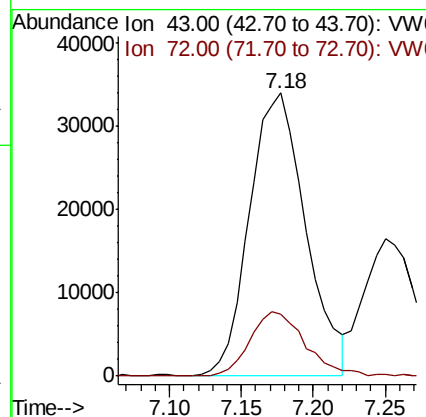
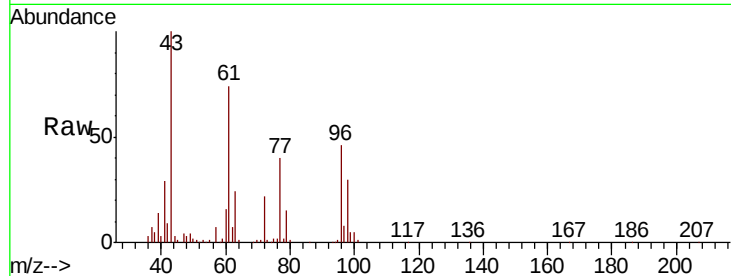
VW0905SBSD04

Tgt Ion: 43 Resp: 91696

Ion Ratio Lower Upper

43 100

72 21.8 16.6 24.8



#26

2,2-Dichloropropane

Concen: 21.764 ug/l

RT: 7.17 min Scan# 863

Delta R.T. -0.00 min

Lab File: VW012660.D

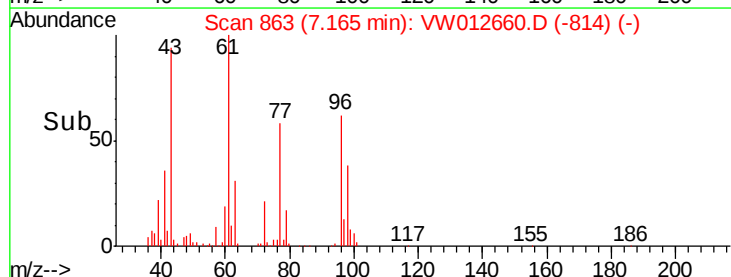
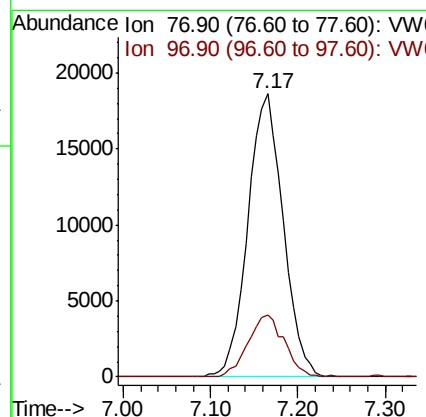
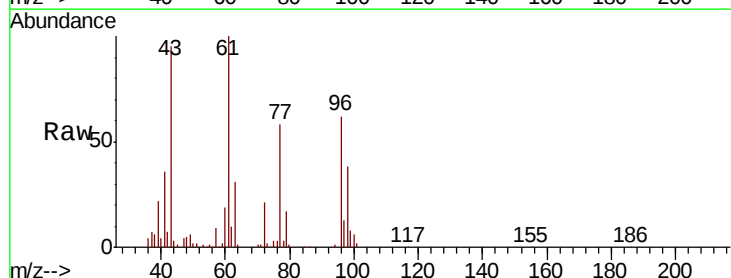
Acq: 06 Sep 2019 00:29

Tgt Ion: 77 Resp: 52325

Ion Ratio Lower Upper

77 100

97 22.3 11.1 33.1



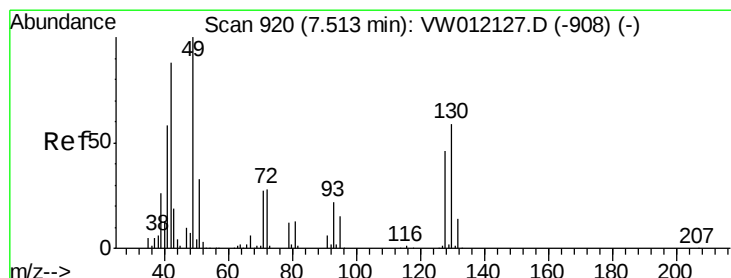
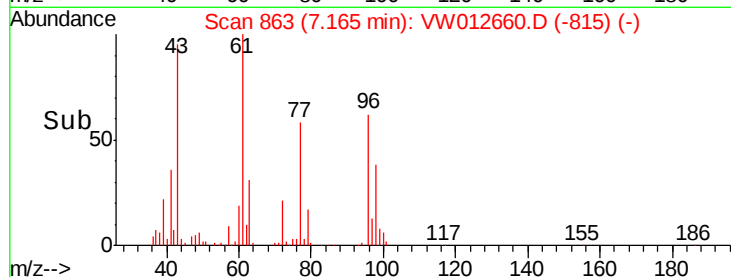
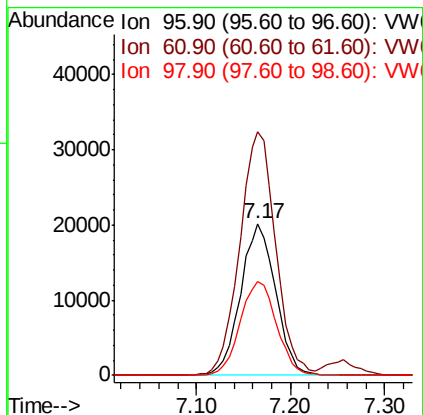
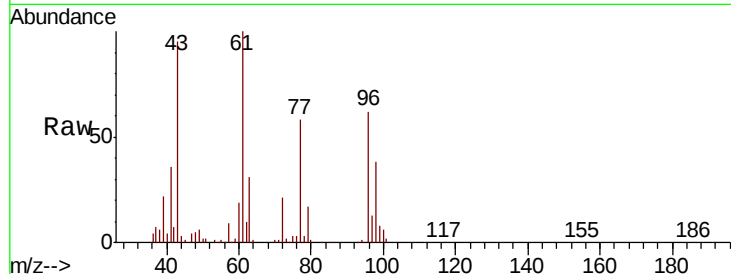


#27

cis-1,2-Dichloroethene
Concen: 23.295 ug/l
RT: 7.17 min Scan# 863
Delta R.T. -0.01 min
Lab File: VW012660.D
Acq: 06 Sep 2019 00:29

Instrument :
MSVOA_W
ClientSampleId :
VW0905SBSD04

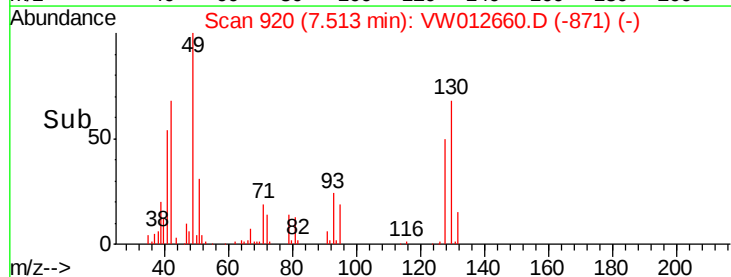
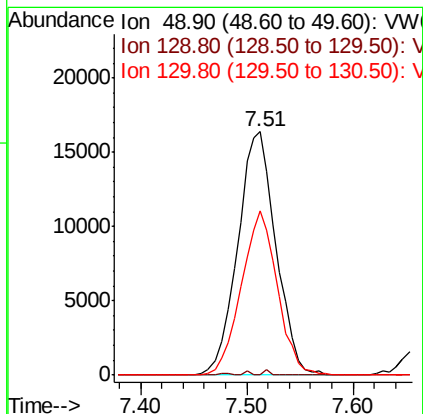
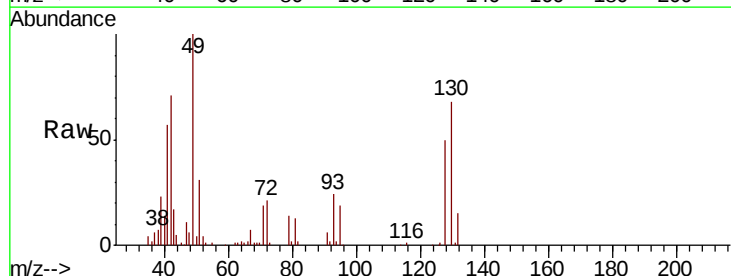
Tgt Ion: 96 Resp: 52541
Ion Ratio Lower Upper
96 100
61 164.1 0.0 326.6
98 64.3 0.0 127.4

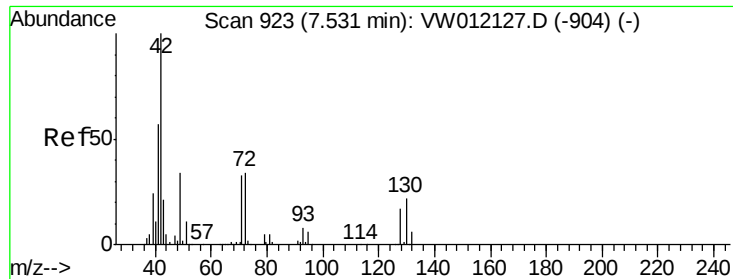


#28

Bromochloromethane
Concen: 22.213 ug/l
RT: 7.51 min Scan# 920
Delta R.T. -0.00 min
Lab File: VW012660.D
Acq: 06 Sep 2019 00:29

Tgt Ion: 49 Resp: 41124
Ion Ratio Lower Upper
49 100
129 0.3 0.0 1.4
130 63.7 45.5 68.3

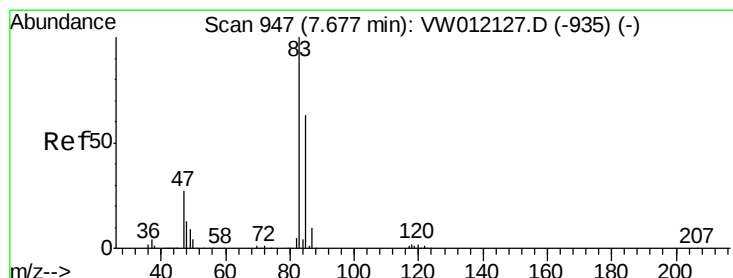
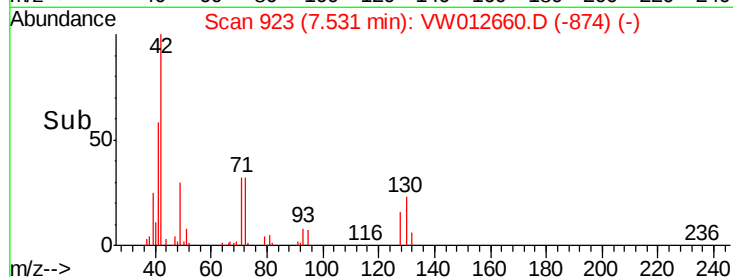
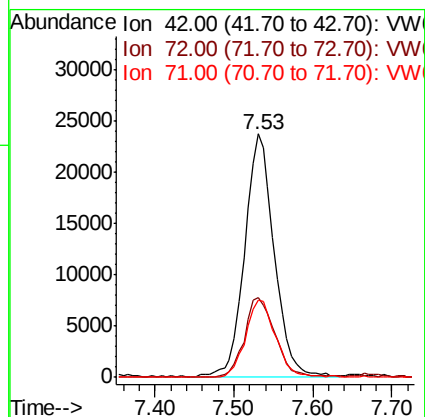
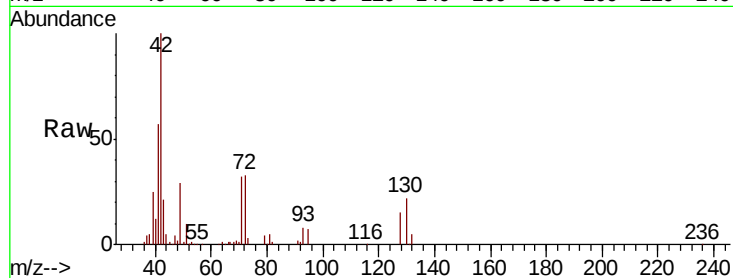




#29
Tetrahydrofuran
Concen: 127.700 ug/l
RT: 7.53 min Scan# 923
Delta R.T. -0.00 min
Lab File: VW012660.D
Acq: 06 Sep 2019 00:29

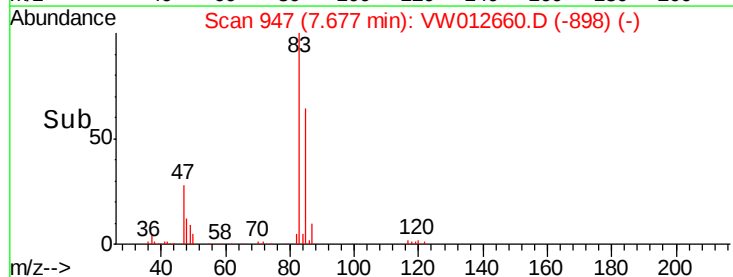
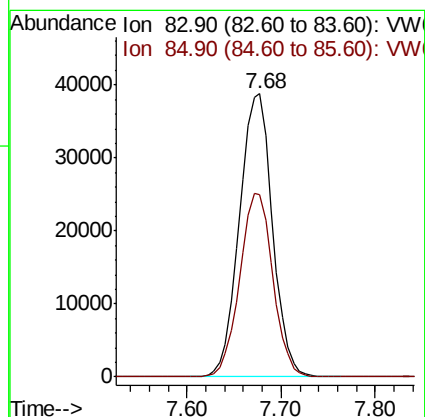
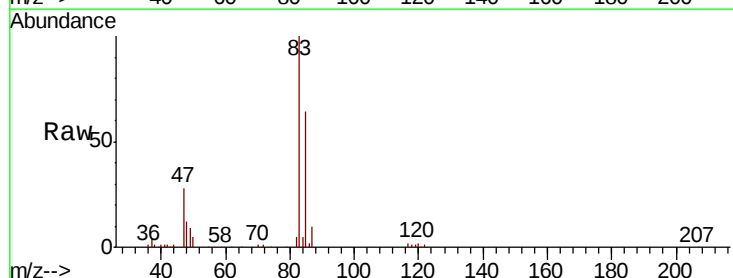
Instrument :
MSVOA_W
ClientSampleId :
VW0905SBSD04

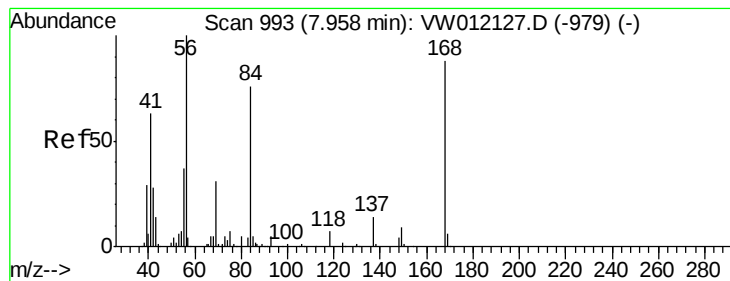
Tgt Ion: 42 Resp: 62091
Ion Ratio Lower Upper
42 100
72 33.6 27.3 40.9
71 32.0 25.5 38.3



#30
Chloroform
Concen: 24.527 ug/l
RT: 7.68 min Scan# 947
Delta R.T. -0.00 min
Lab File: VW012660.D
Acq: 06 Sep 2019 00:29

Tgt Ion: 83 Resp: 95314
Ion Ratio Lower Upper
83 100
85 64.3 50.6 76.0





#31

Cyclohexane

Concen: 18.222 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.01 min

Lab File: VW012660.D

Acq: 06 Sep 2019 00:29

Instrument :

MSVOA_W

ClientSampleId :

VW0905SBSD04

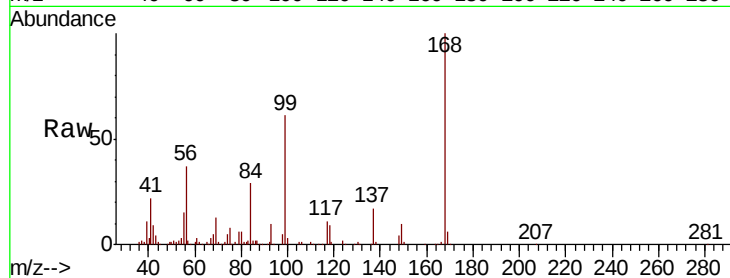
Tgt Ion: 56 Resp: 76578

Ion Ratio Lower Upper

56 100

69 35.2 24.9 37.3

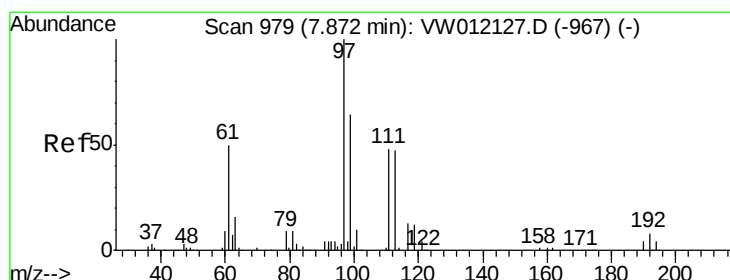
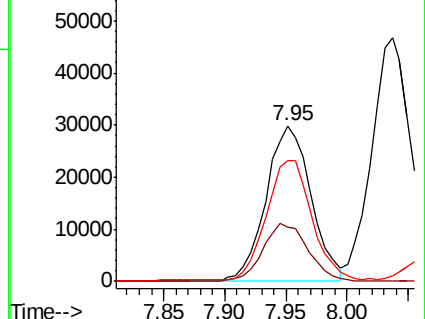
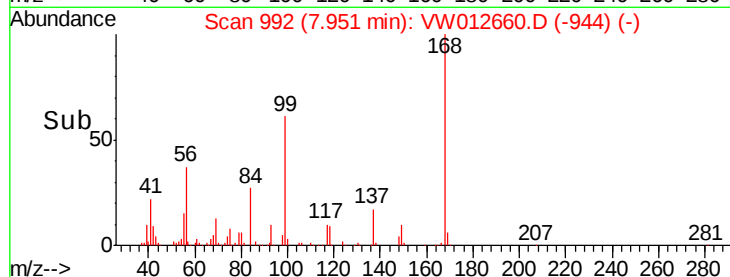
84 77.0 60.6 90.8



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: 23.547 ug/l

RT: 7.87 min Scan# 979

Delta R.T. -0.00 min

Lab File: VW012660.D

Acq: 06 Sep 2019 00:29

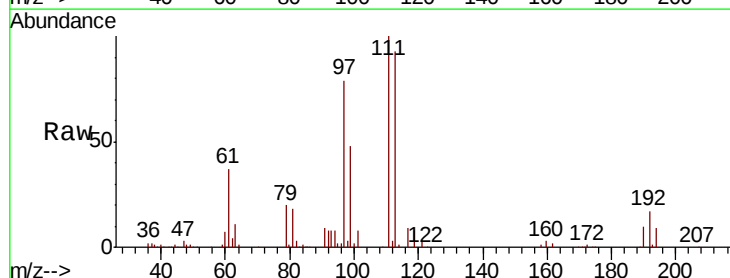
Tgt Ion: 97 Resp: 72390

Ion Ratio Lower Upper

97 100

99 62.1 51.4 77.0

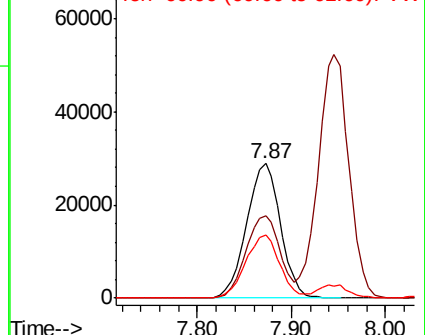
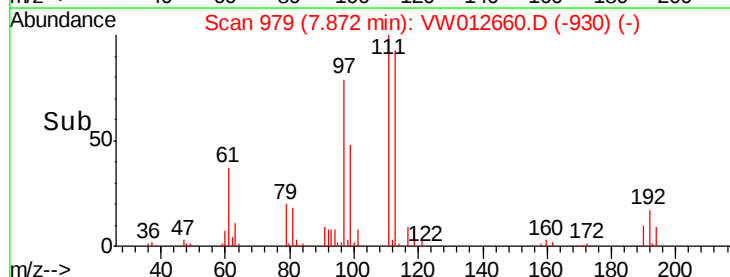
61 48.1 39.5 59.3



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

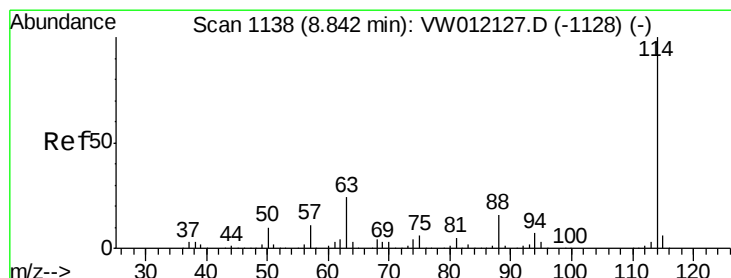
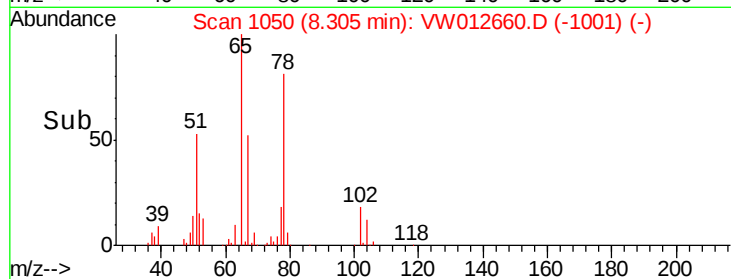
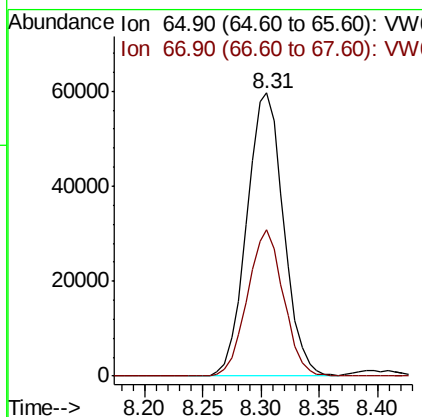
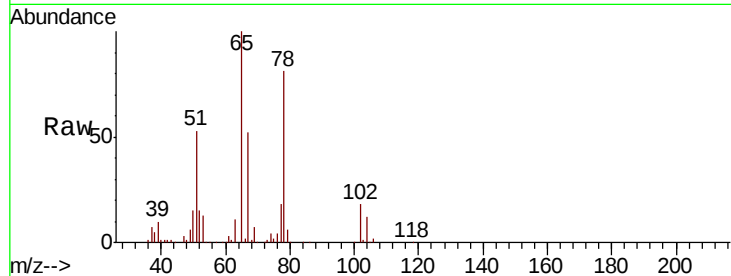




#33
 1,2-Dichloroethane-d4
 Concen: 56.415 ug/l
 RT: 8.31 min Scan# 1050
 Delta R.T. -0.00 min
 Lab File: VW012660.D
 Acq: 06 Sep 2019 00:29

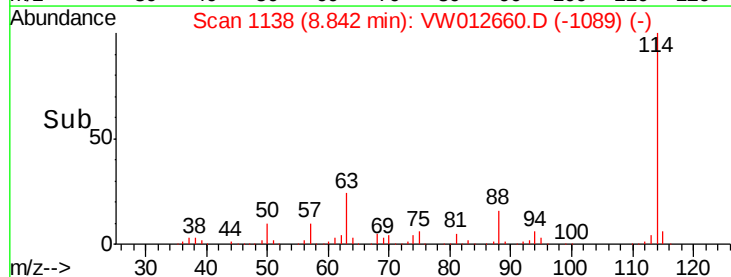
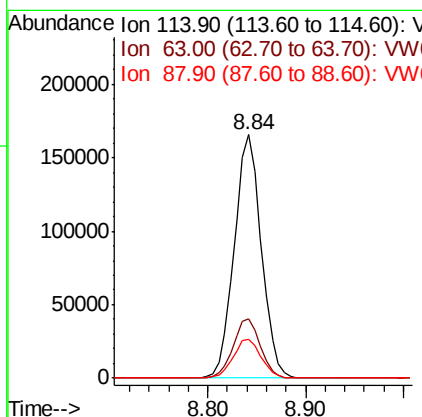
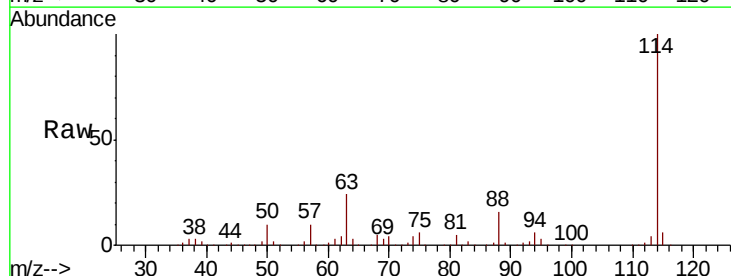
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0905SBSD04

Tgt Ion: 65 Resp: 131623
 Ion Ratio Lower Upper
 65 100
 67 50.6 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: VW012660.D
 Acq: 06 Sep 2019 00:29

Tgt Ion: 114 Resp: 318142
 Ion Ratio Lower Upper
 114 100
 63 24.2 0.0 48.6
 88 15.9 0.0 32.2

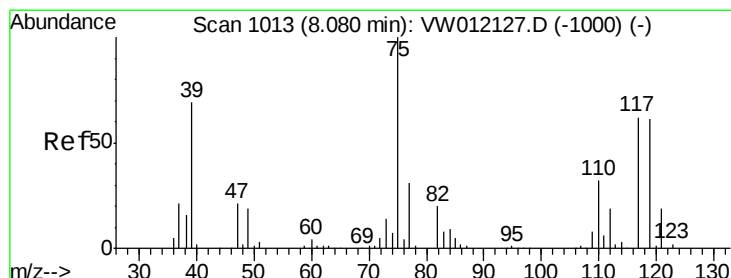
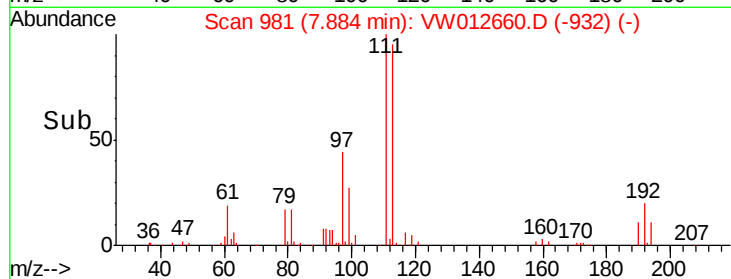
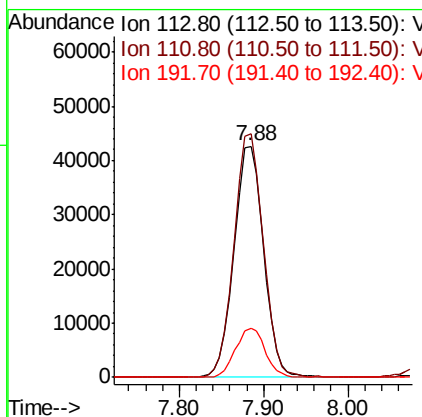
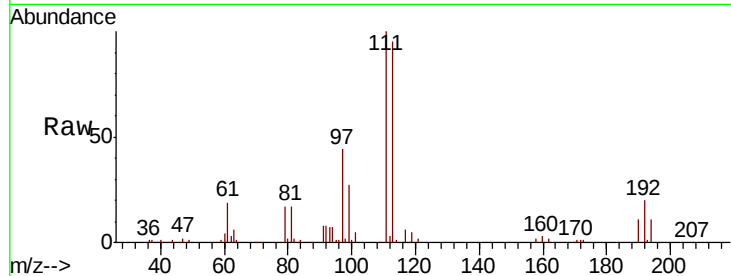




#35
 Dibromofluoromethane
 Concen: 53.236 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. -0.00 min
 Lab File: VW012660.D
 Acq: 06 Sep 2019 00:29

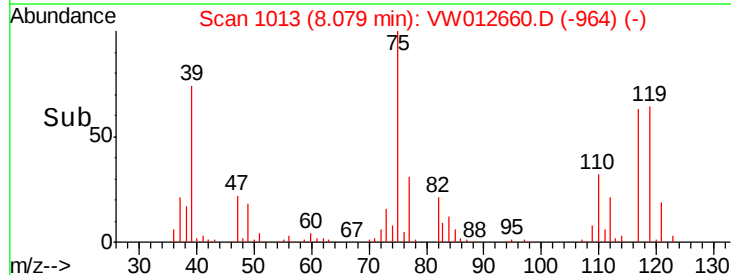
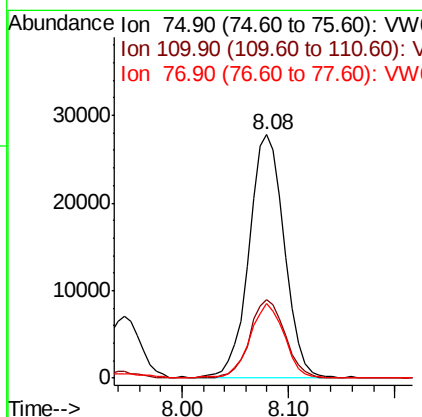
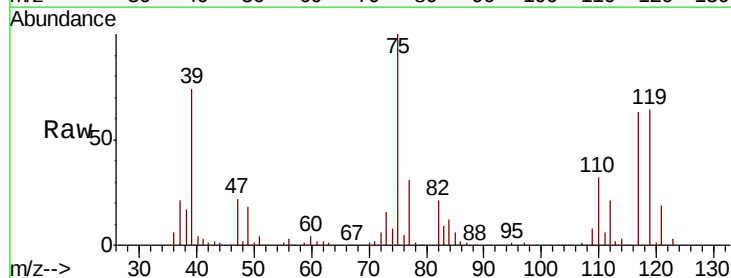
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0905SBSD04

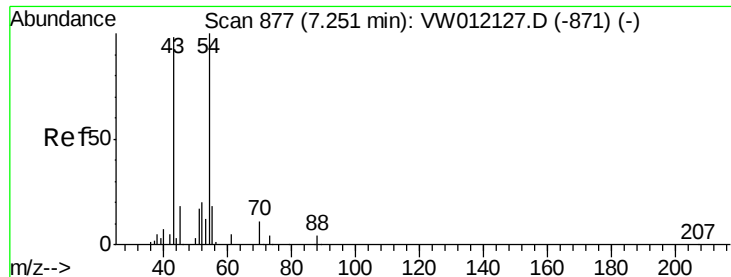
Tgt Ion	Ratio	Lower	Upper
113	100		
111	104.0	82.7	124.1
192	21.2	16.2	24.2



#36
 1,1-Dichloropropene
 Concen: 19.722 ug/l
 RT: 8.08 min Scan# 1013
 Delta R.T. -0.00 min
 Lab File: VW012660.D
 Acq: 06 Sep 2019 00:29

Tgt Ion	Ratio	Lower	Upper
75	100		
110	32.2	15.6	46.8
77	30.1	24.6	36.8

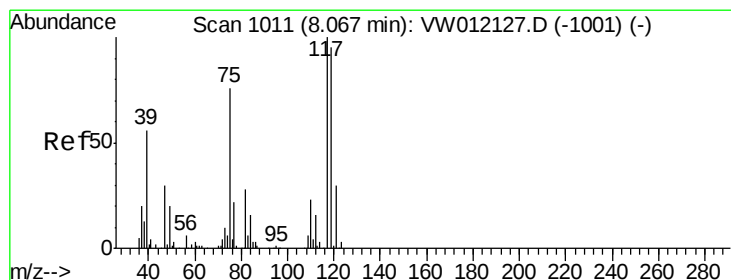
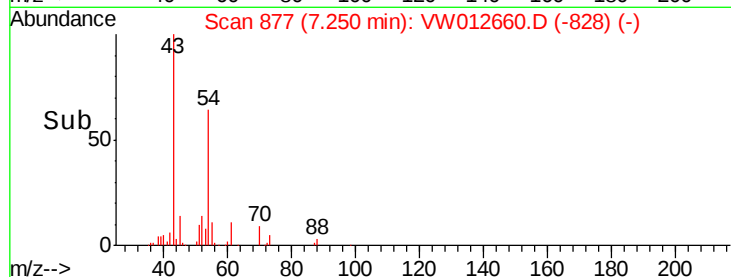
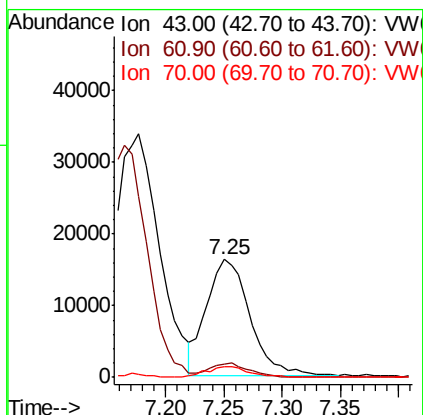
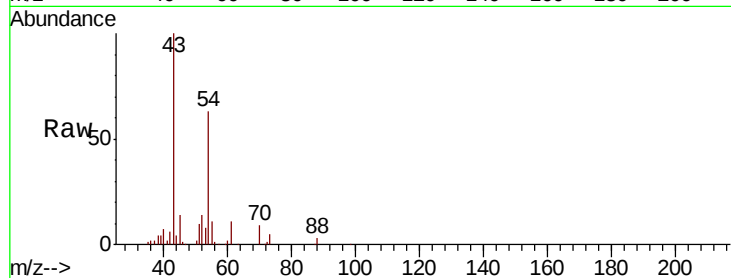




#37
 Ethyl Acetate
 Concen: 23.375 ug/l
 RT: 7.25 min Scan# 877
 Delta R.T. -0.00 min
 Lab File: VW012660.D
 Acq: 06 Sep 2019 00:29

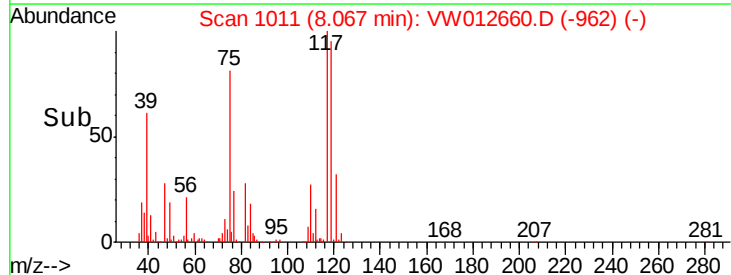
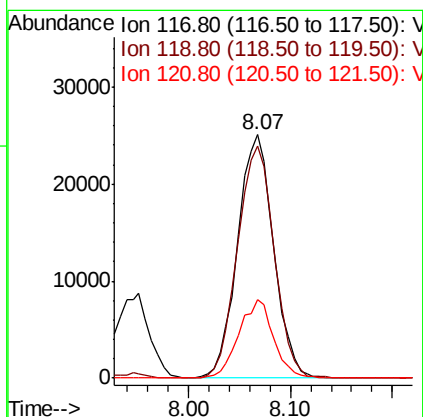
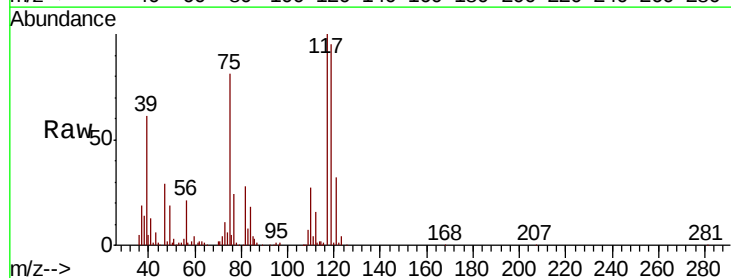
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0905SBSD04

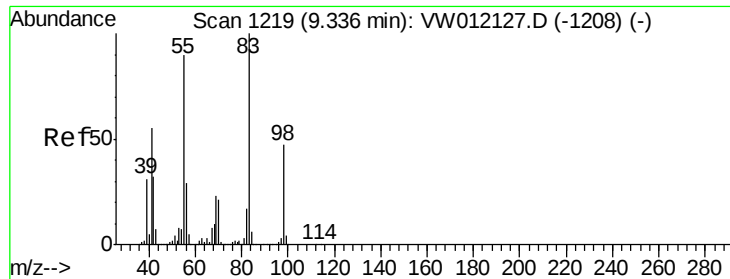
Tgt Ion: 43 Resp: 42112
 Ion Ratio Lower Upper
 43 100
 61 11.1 9.2 13.8
 70 9.3 6.9 10.3



#38
 Carbon Tetrachloride
 Concen: 21.630 ug/l
 RT: 8.07 min Scan# 1011
 Delta R.T. -0.00 min
 Lab File: VW012660.D
 Acq: 06 Sep 2019 00:29

Tgt Ion: 117 Resp: 61549
 Ion Ratio Lower Upper
 117 100
 119 95.3 76.2 114.2
 121 32.4 23.8 35.8





#39

Methylcyclohexane

Concen: 18.105 ug/l

RT: 9.34 min Scan# 1219

Delta R.T. -0.00 min

Lab File: VW012660.D

Acq: 06 Sep 2019 00:29

Instrument :

MSVOA_W

ClientSampleId :

VW0905SBSD04

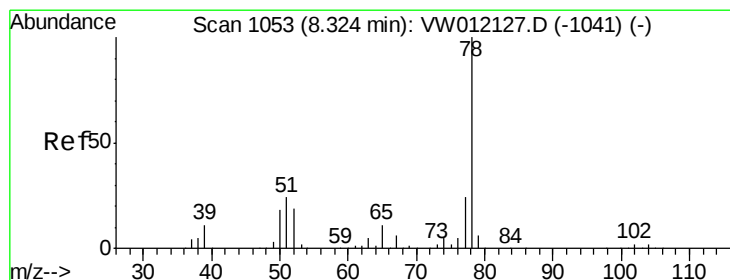
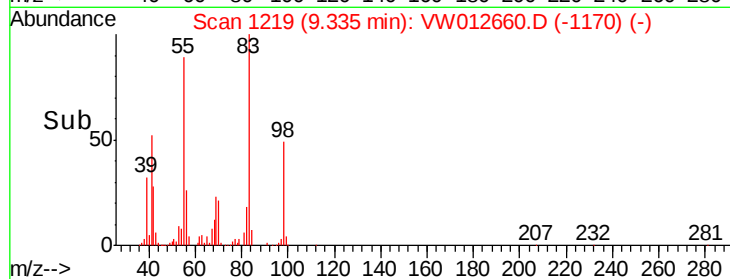
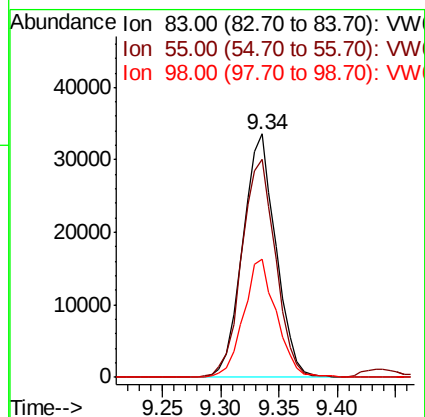
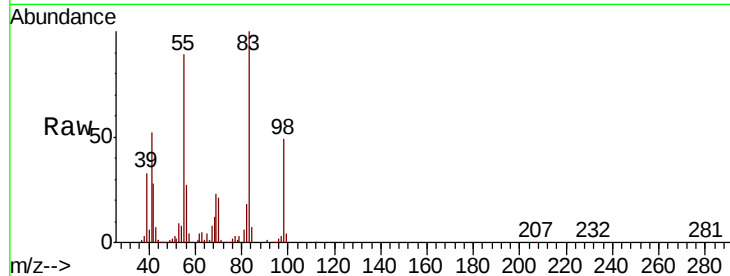
Tgt Ion: 83 Resp: 66867

Ion Ratio Lower Upper

83 100

55 89.3 71.8 107.8

98 48.8 37.8 56.8



#40

Benzene

Concen: 21.848 ug/l

RT: 8.32 min Scan# 1053

Delta R.T. -0.00 min

Lab File: VW012660.D

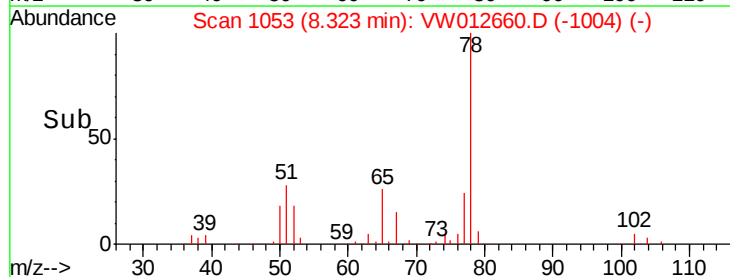
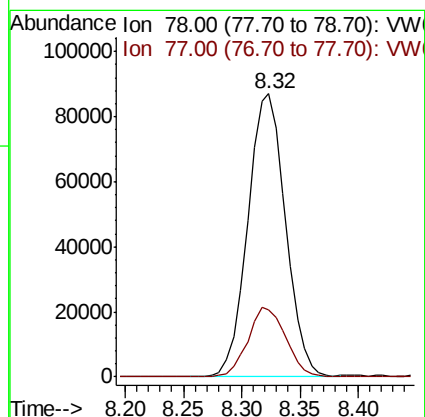
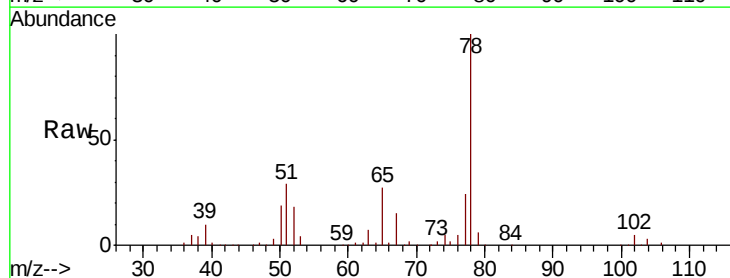
Acq: 06 Sep 2019 00:29

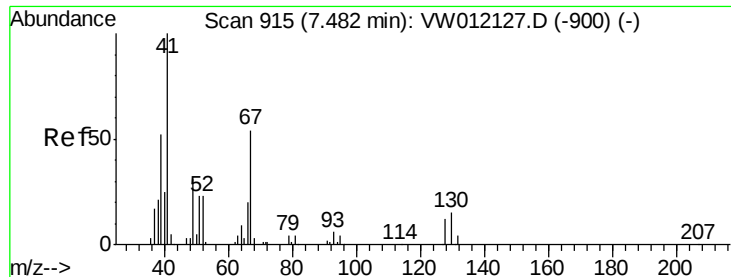
Tgt Ion: 78 Resp: 196134

Ion Ratio Lower Upper

78 100

77 23.9 19.5 29.3

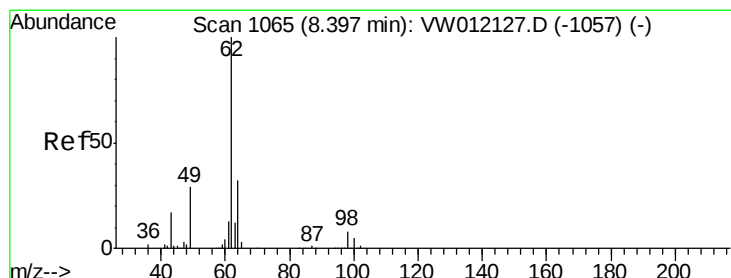
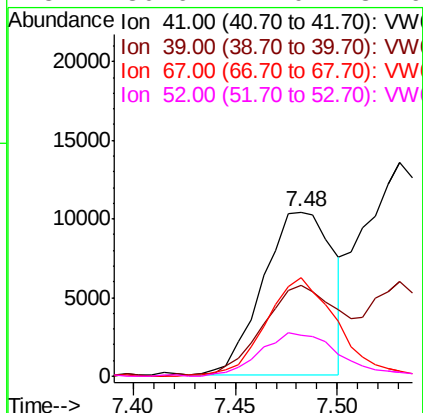
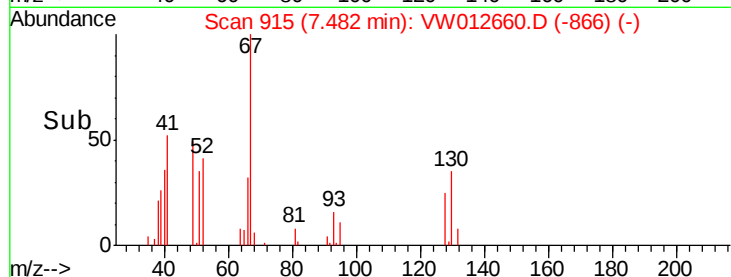
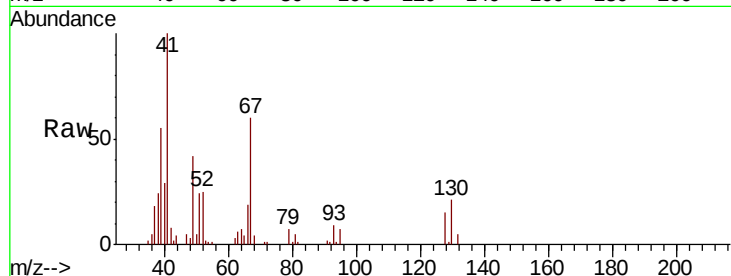




#41
Methacrylonitrile
Concen: 23.255 ug/l
RT: 7.48 min Scan# 915
Delta R.T. -0.00 min
Lab File: VW012660.D
Acq: 06 Sep 2019 00:29

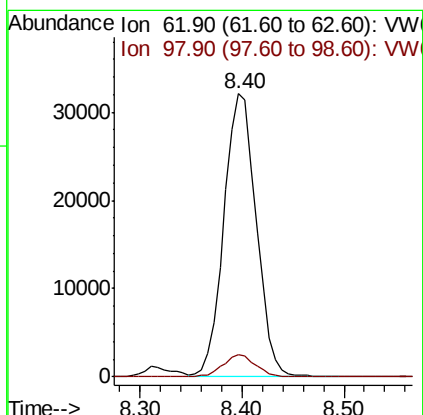
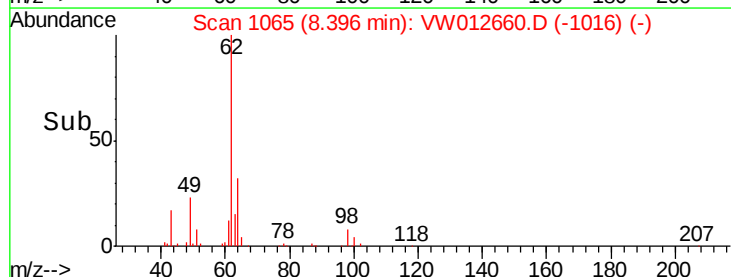
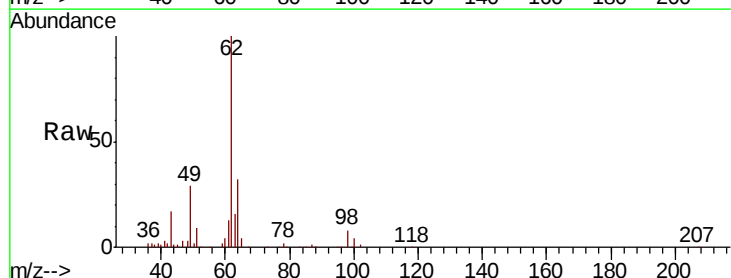
Instrument :
MSVOA_W
ClientSampleId :
VW0905SBSD04

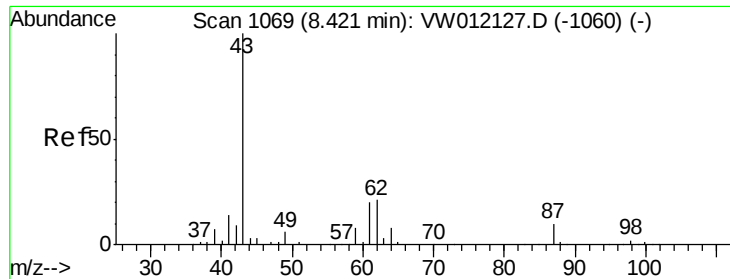
Tgt Ion:	41	Resp:	24624
Ion	Ratio	Lower	Upper
41	100		
39	61.4	45.8	68.8
67	61.6	46.2	69.4
52	30.6	21.0	31.6



#42
1,2-Dichloroethane
Concen: 25.103 ug/l
RT: 8.40 min Scan# 1065
Delta R.T. -0.00 min
Lab File: VW012660.D
Acq: 06 Sep 2019 00:29

Tgt Ion:	62	Resp:	70627
Ion	Ratio	Lower	Upper
62	100		
98	7.9	0.0	16.6





#43

Isopropyl Acetate

Concen: 24.541 ug/l

RT: 8.42 min Scan# 1069

Delta R.T. -0.00 min

Lab File: VW012660.D

Acq: 06 Sep 2019 00:29

Instrument :

MSVOA_W

ClientSampleId :

VW0905SBSD04

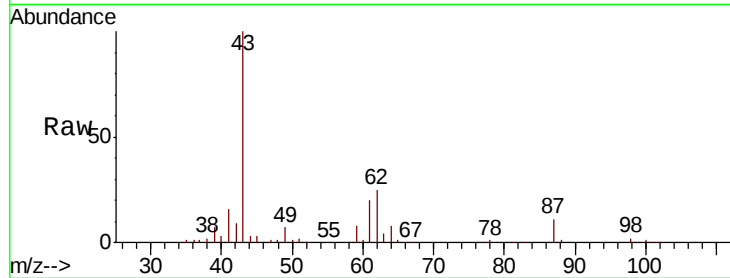
Tgt Ion: 43 Resp: 81895

Ion Ratio Lower Upper

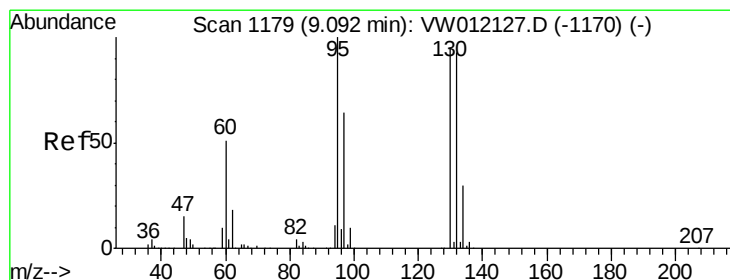
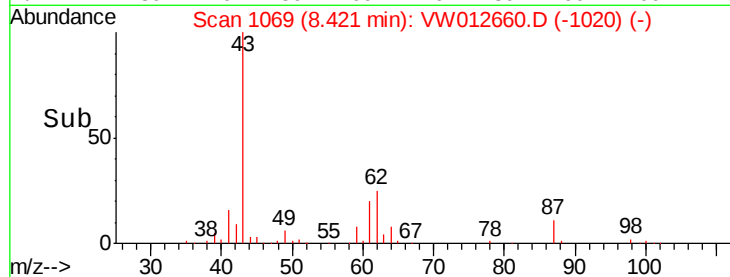
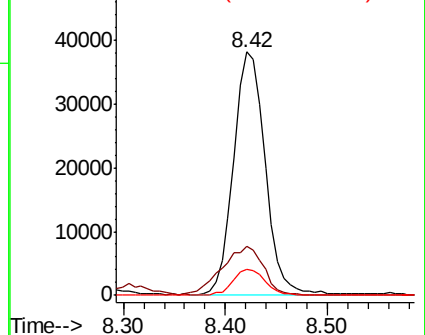
43 100

61 26.7 21.1 31.7

87 10.9 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: 21.664 ug/l

RT: 9.09 min Scan# 1179

Delta R.T. -0.00 min

Lab File: VW012660.D

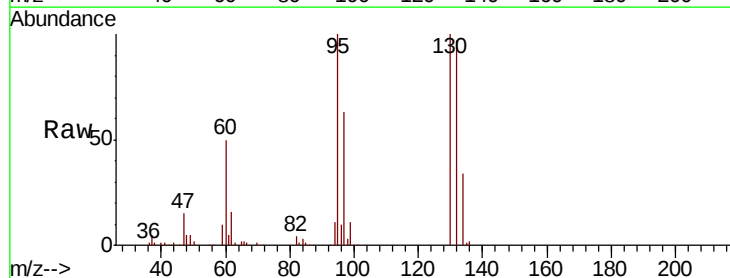
Acq: 06 Sep 2019 00:29

Tgt Ion: 130 Resp: 47278

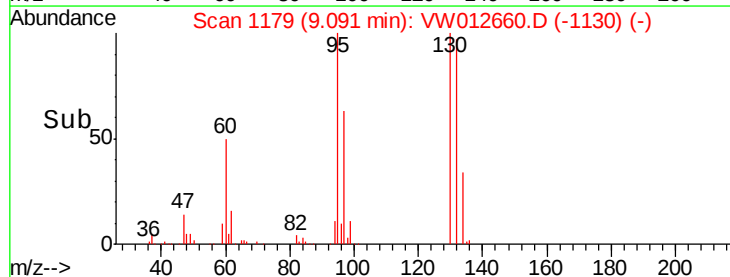
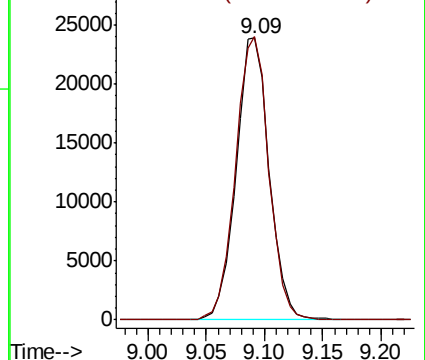
Ion Ratio Lower Upper

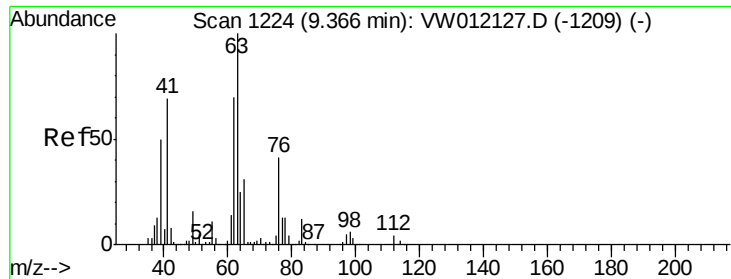
130 100

95 100.4 0.0 210.6



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

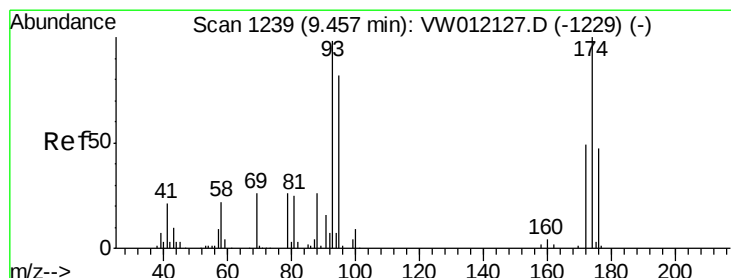
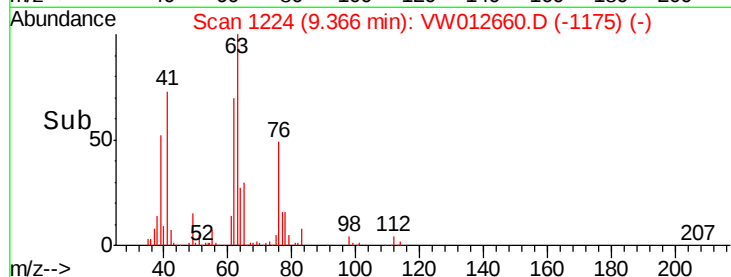
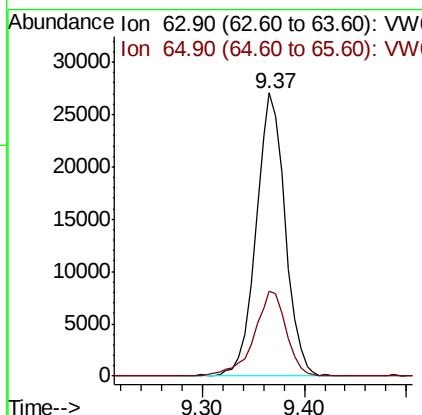
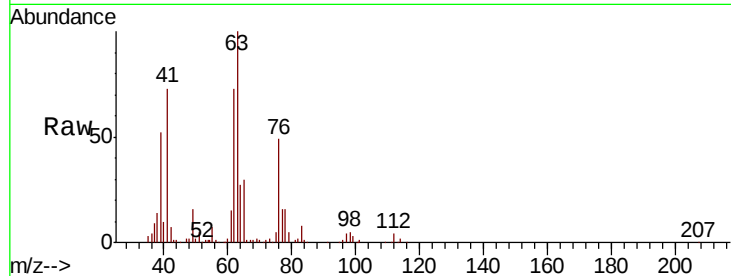




#45
 1,2-Dichloropropane
 Concen: 22.166 ug/l
 RT: 9.37 min Scan# 1224
 Delta R.T. -0.00 min
 Lab File: VW012660.D
 Acq: 06 Sep 2019 00:29

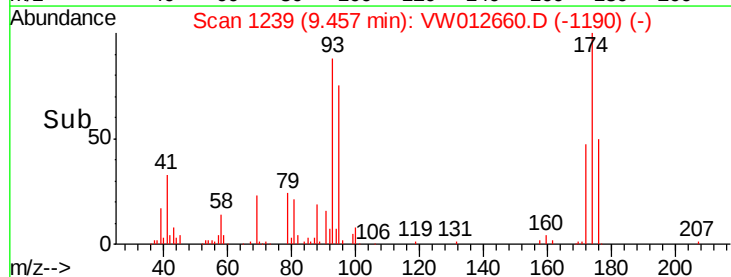
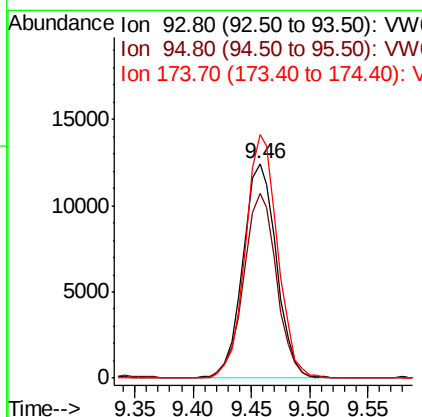
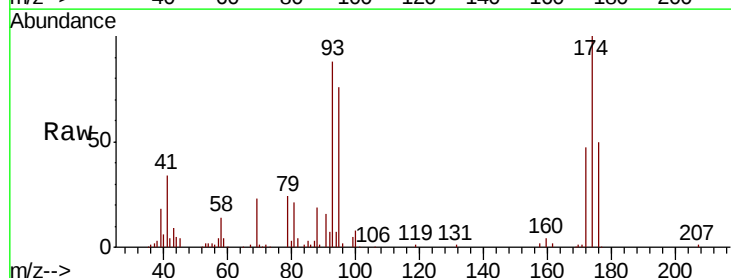
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0905SBSD04

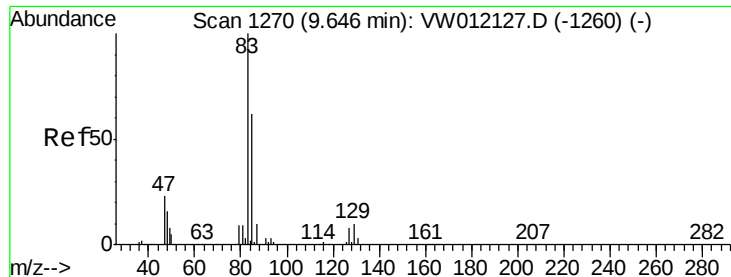
Tgt Ion: 63 Resp: 53553
 Ion Ratio Lower Upper
 63 100
 65 29.9 25.0 37.4



#46
 Dibromomethane
 Concen: 23.341 ug/l
 RT: 9.46 min Scan# 1239
 Delta R.T. -0.00 min
 Lab File: VW012660.D
 Acq: 06 Sep 2019 00:29

Tgt Ion: 93 Resp: 25090
 Ion Ratio Lower Upper
 93 100
 95 84.6 67.2 100.8
 174 108.9 79.0 118.6





#47

Bromodichloromethane

Concen: 24.129 ug/l

RT: 9.64 min Scan# 1269

Delta R.T. -0.01 min

Lab File: VW012660.D

Acq: 06 Sep 2019 00:29

Instrument :

MSVOA_W

ClientSampleId :

VW0905SBSD04

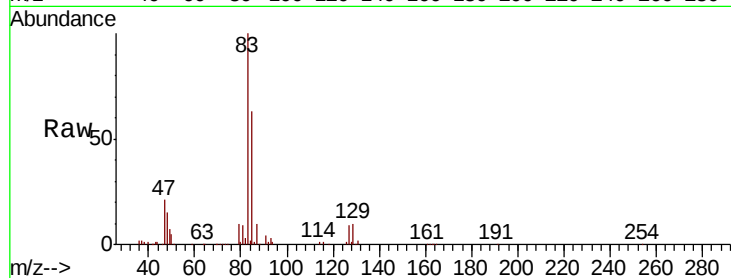
Tgt Ion: 83 Resp: 69030

Ion Ratio Lower Upper

83 100

85 63.1 49.4 74.2

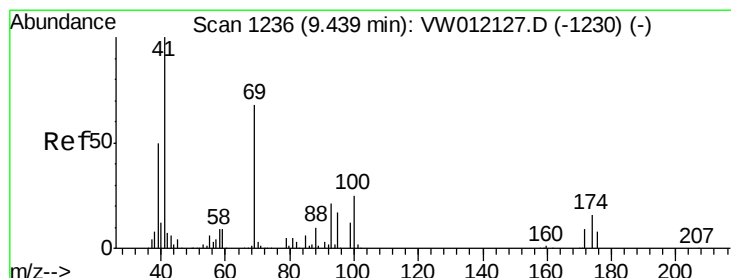
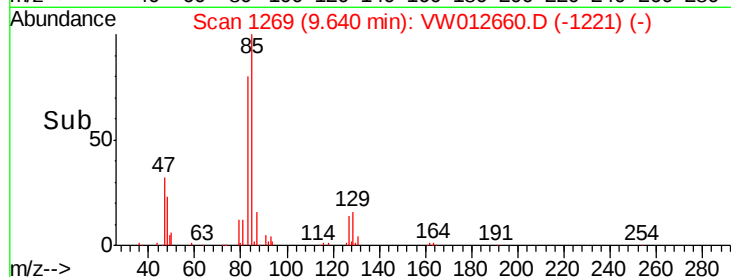
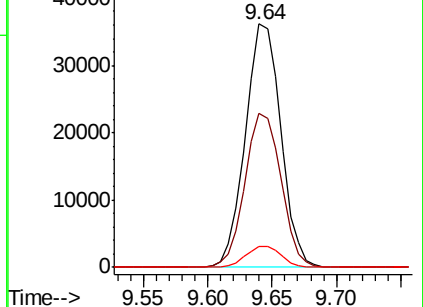
127 8.6 6.1 9.1



Abundance Ion 82.90 (82.60 to 83.60): VW

Ion 84.90 (84.60 to 85.60): VW

Ion 126.80 (126.50 to 127.50): VW



#48

Methyl methacrylate

Concen: 25.323 ug/l

RT: 9.43 min Scan# 1235

Delta R.T. -0.01 min

Lab File: VW012660.D

Acq: 06 Sep 2019 00:29

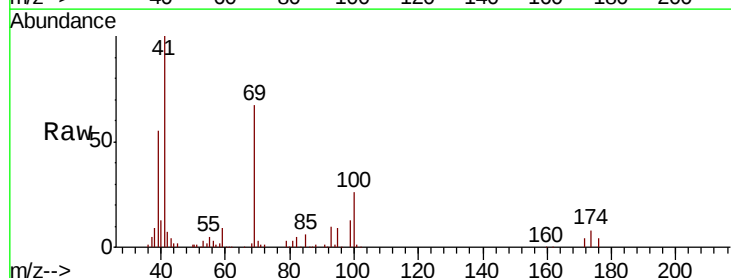
Tgt Ion: 41 Resp: 40220

Ion Ratio Lower Upper

41 100

69 67.0 56.7 85.1

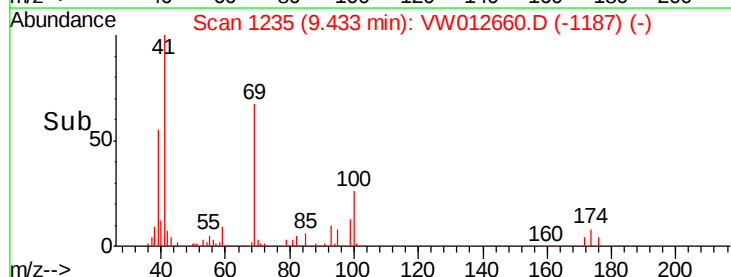
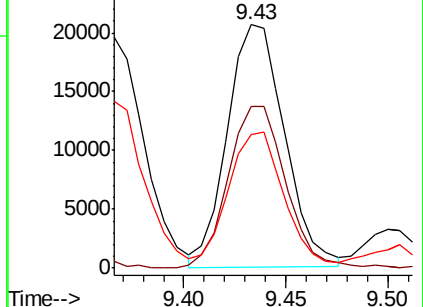
39 54.5 42.0 63.0

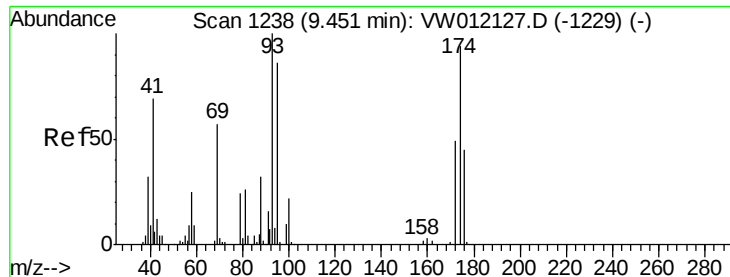


Abundance Ion 41.00 (40.70 to 41.70): VW

Ion 69.00 (68.70 to 69.70): VW

Ion 39.00 (38.70 to 39.70): VW





#49

1,4-Dioxane

Concen: 519.861 ug/l

RT: 9.46 min Scan# 1240

Delta R.T. 0.01 min

Lab File: VW012660.D

Acq: 06 Sep 2019 00:29

Instrument :

MSVOA_W

ClientSampleId :

VW0905SBSD04

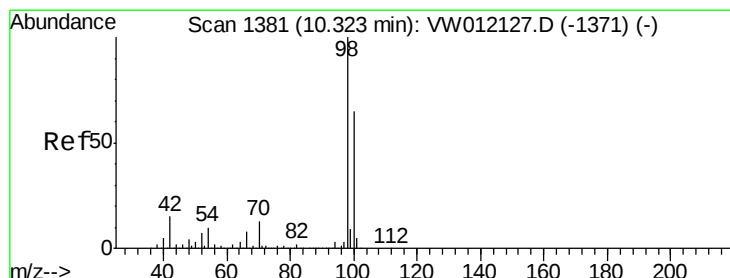
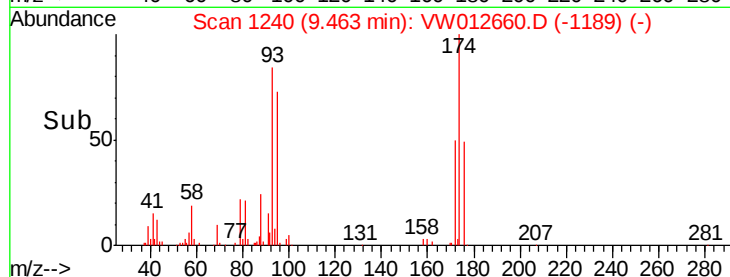
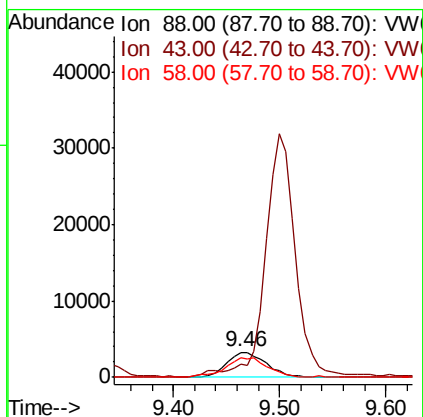
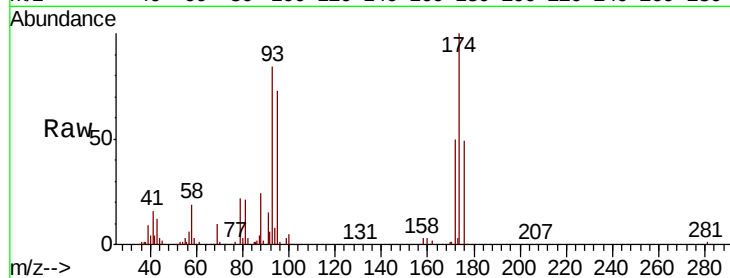
Tgt Ion: 88 Resp: 8555

Ion Ratio Lower Upper

88 100

43 0.0 32.9 49.3#

58 84.1 71.0 106.4



#50

Toluene-d8

Concen: 47.821 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. -0.00 min

Lab File: VW012660.D

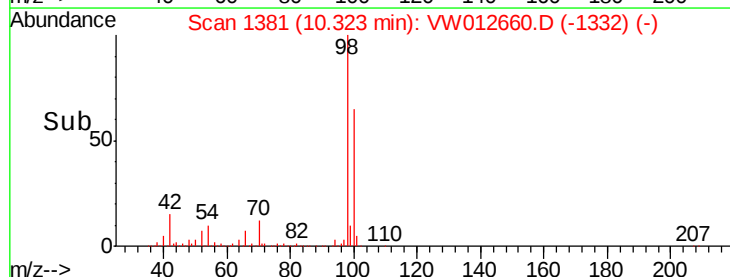
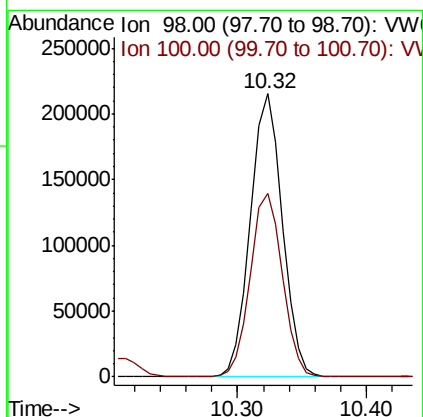
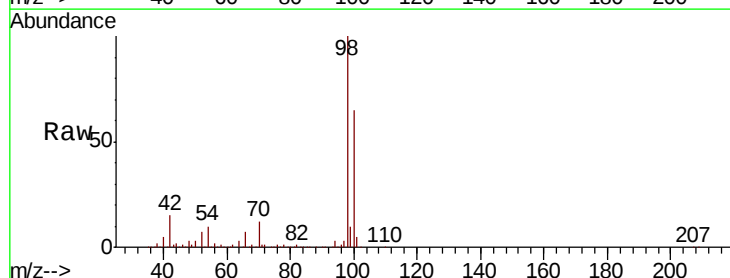
Acq: 06 Sep 2019 00:29

Tgt Ion: 98 Resp: 368219

Ion Ratio Lower Upper

98 100

100 65.3 52.4 78.6

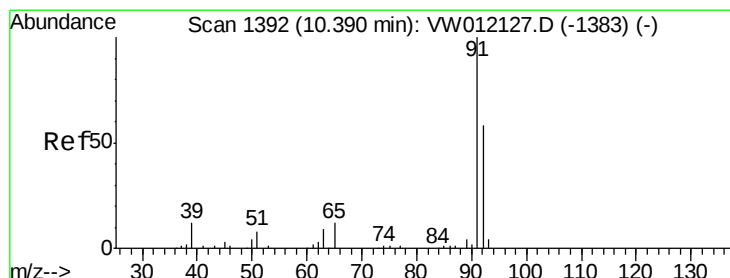
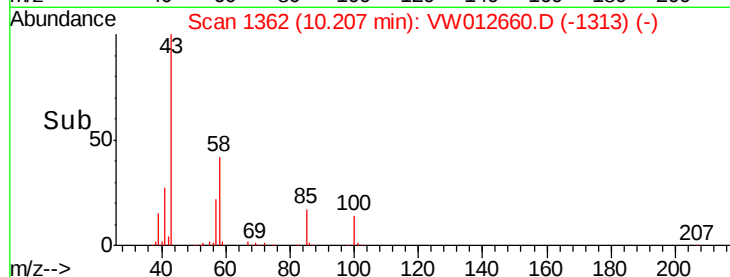
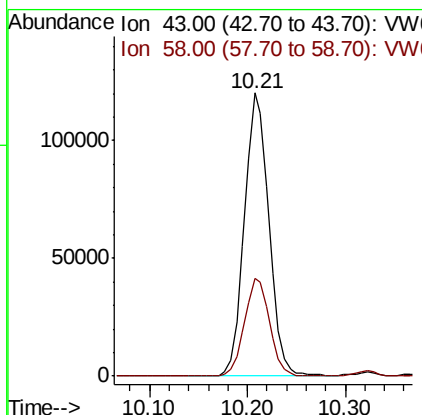
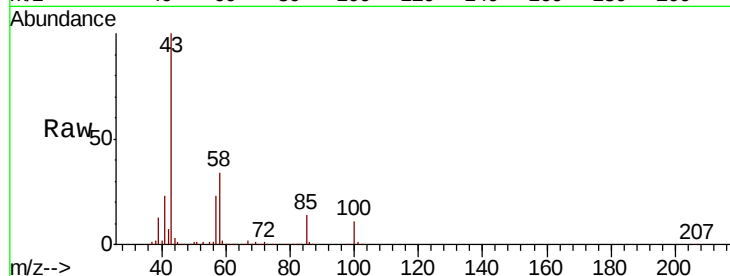




#51
 4-Methyl-2-Pentanone
 Concen: 122.830 ug/l
 RT: 10.21 min Scan# 1362
 Delta R.T. -0.00 min
 Lab File: VW012660.D
 Acq: 06 Sep 2019 00:29

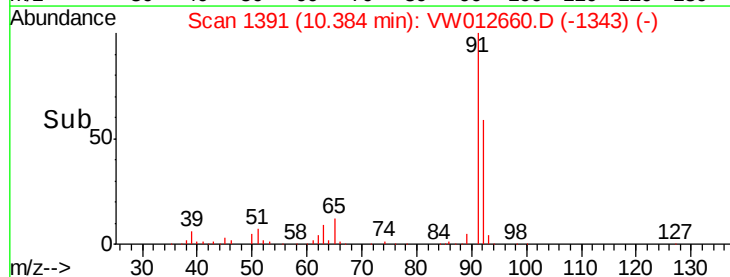
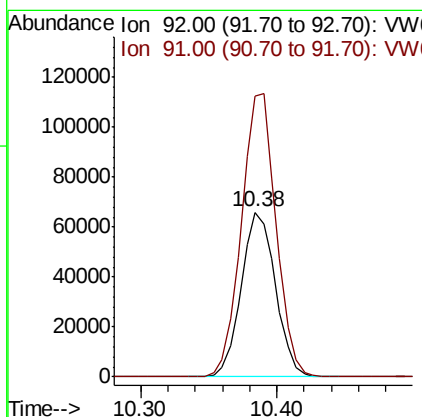
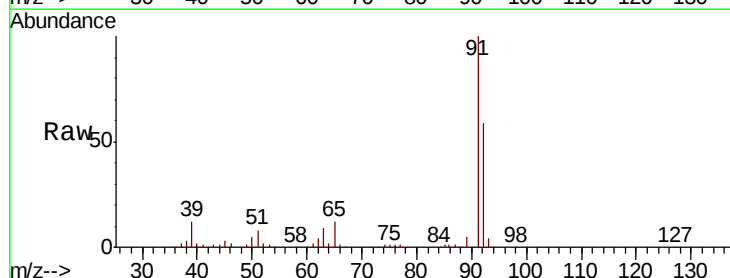
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0905SBSD04

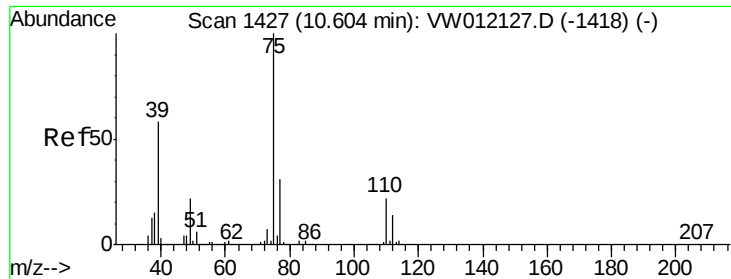
Tgt Ion: 43 Resp: 208484
 Ion Ratio Lower Upper
 43 100
 58 35.1 28.2 42.2



#52
 Toluene
 Concen: 21.522 ug/l
 RT: 10.38 min Scan# 1391
 Delta R.T. -0.01 min
 Lab File: VW012660.D
 Acq: 06 Sep 2019 00:29

Tgt Ion: 92 Resp: 116068
 Ion Ratio Lower Upper
 92 100
 91 173.8 136.6 204.8





#53

t-1,3-Dichloropropene

Concen: 22.889 ug/l

RT: 10.60 min Scan# 1427

Delta R.T. -0.00 min

Lab File: VW012660.D

Acq: 06 Sep 2019 00:29

Instrument :

MSVOA_W

ClientSampleId :

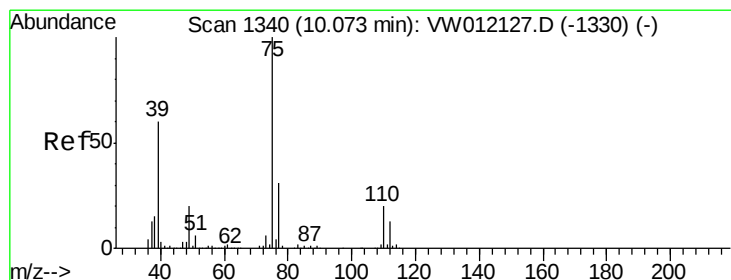
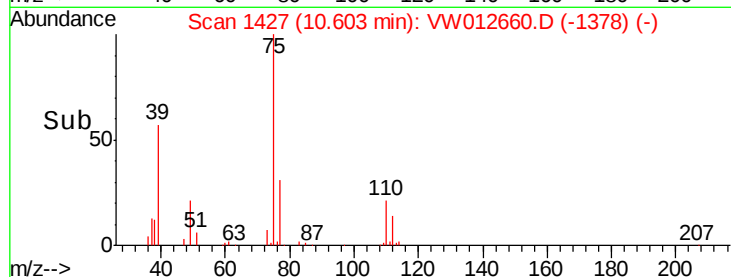
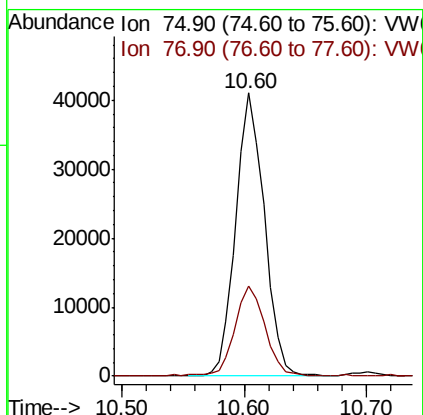
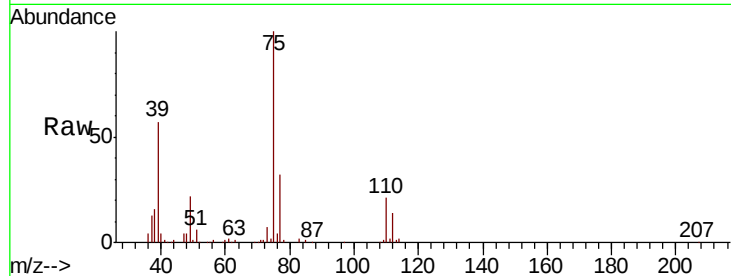
VW0905SBSD04

Tgt Ion: 75 Resp: 66703

Ion Ratio Lower Upper

75 100

77 31.3 25.0 37.4



#54

cis-1,3-Dichloropropene

Concen: 21.978 ug/l

RT: 10.07 min Scan# 1340

Delta R.T. -0.00 min

Lab File: VW012660.D

Acq: 06 Sep 2019 00:29

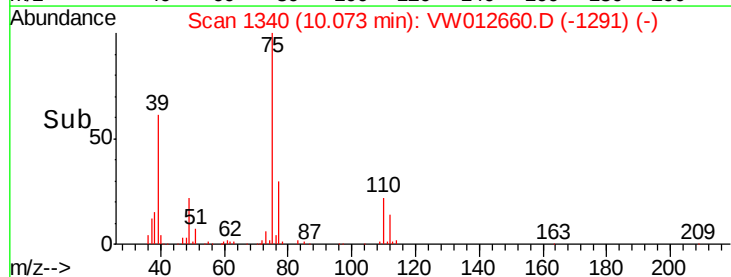
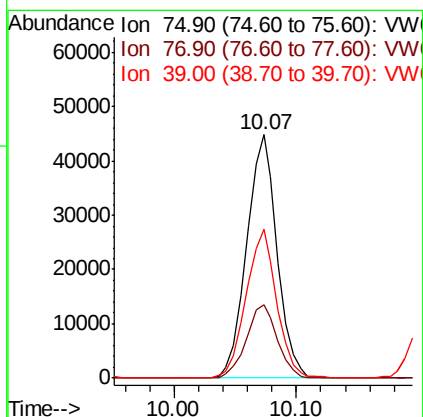
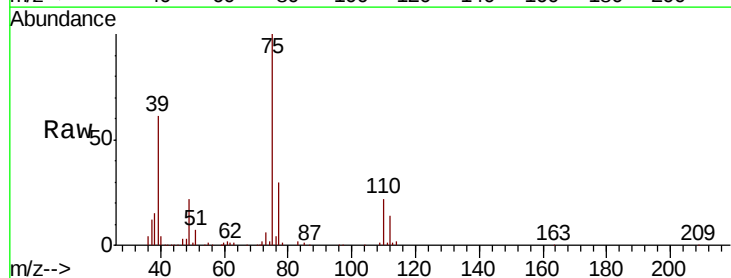
Tgt Ion: 75 Resp: 77334

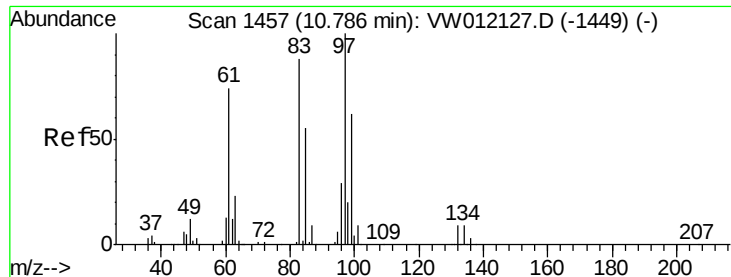
Ion Ratio Lower Upper

75 100

77 29.9 25.1 37.7

39 61.3 48.3 72.5





#55

1,1,2-Trichloroethane

Concen: 24.653 ug/l

RT: 10.79 min Scan# 1457

Delta R.T. -0.00 min

Lab File: VW012660.D

Acq: 06 Sep 2019 00:29

Instrument :

MSVOA_W

ClientSampleId :

VW0905SBSD04

Tgt Ion: 97 Resp: 37495

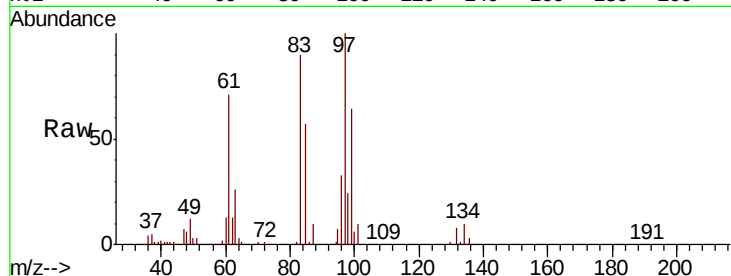
Ion Ratio Lower Upper

97 100

83 89.9 70.8 106.2

85 56.6 43.8 65.8

99 63.8 49.8 74.6



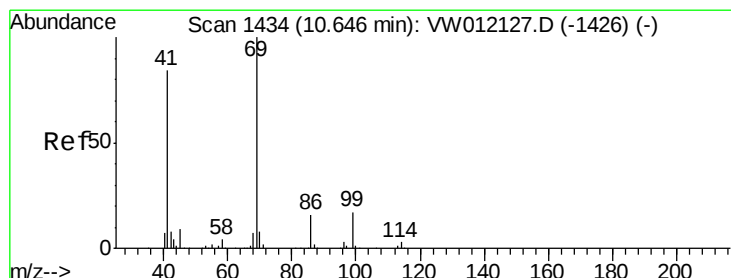
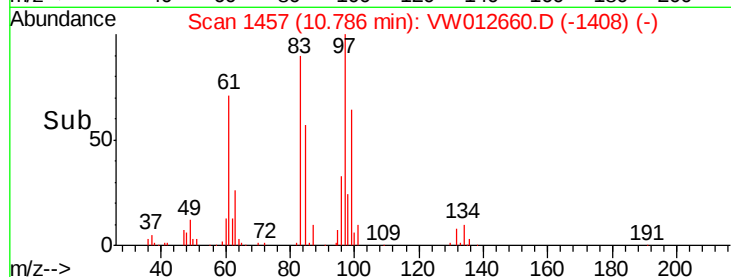
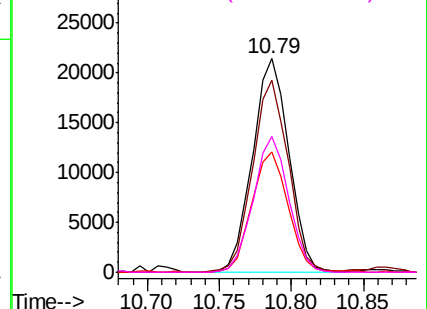
Abundance

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: 24.114 ug/l

RT: 10.65 min Scan# 1434

Delta R.T. -0.00 min

Lab File: VW012660.D

Acq: 06 Sep 2019 00:29

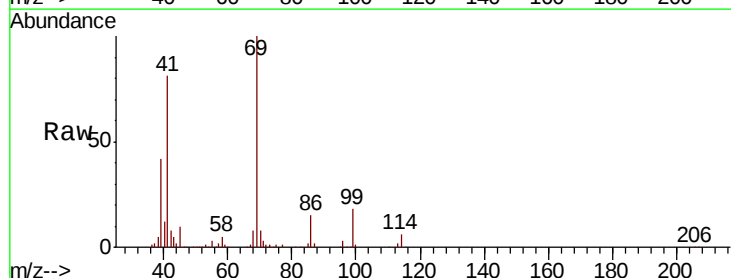
Tgt Ion: 69 Resp: 53377

Ion Ratio Lower Upper

69 100

41 81.4 66.5 99.7

39 37.4 31.0 46.4

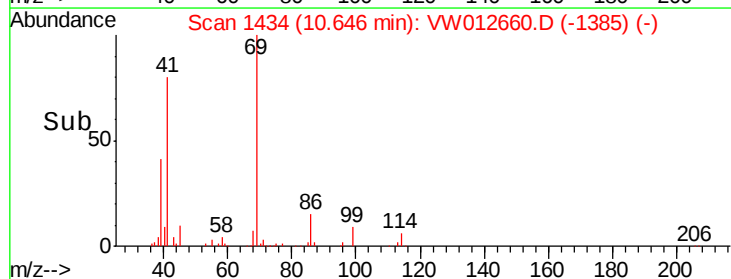
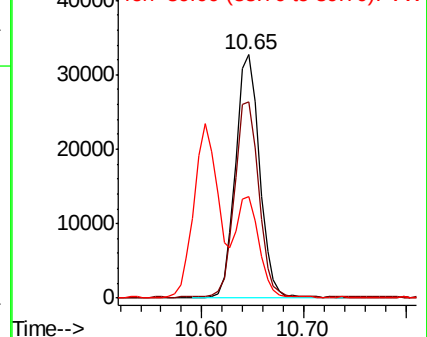


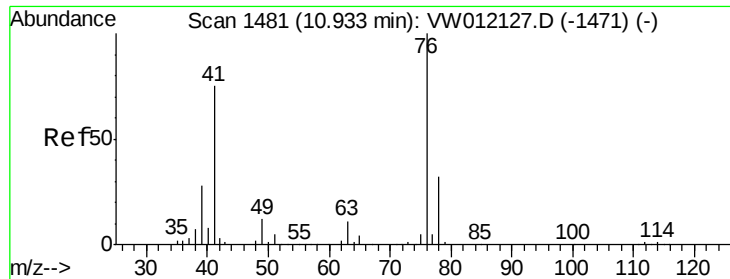
Abundance

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: 21.498 ug/l

RT: 10.93 min Scan# 1481

Delta R.T. -0.00 min

Lab File: VW012660.D

Acq: 06 Sep 2019 00:29

Instrument :

MSVOA_W

ClientSampleId :

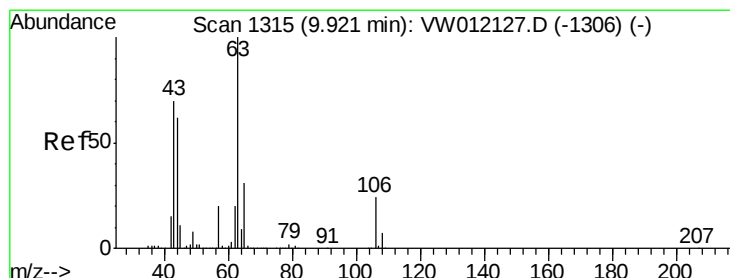
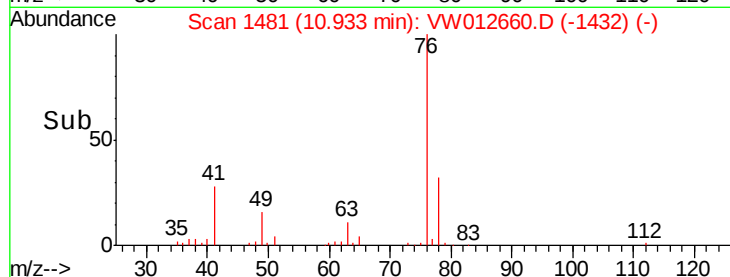
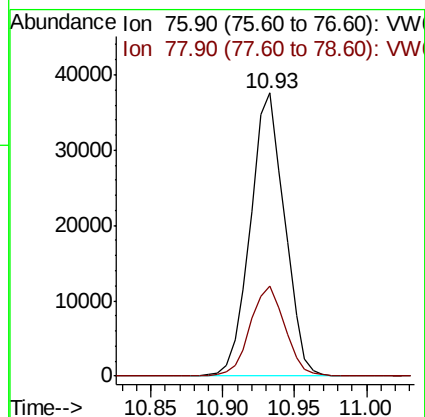
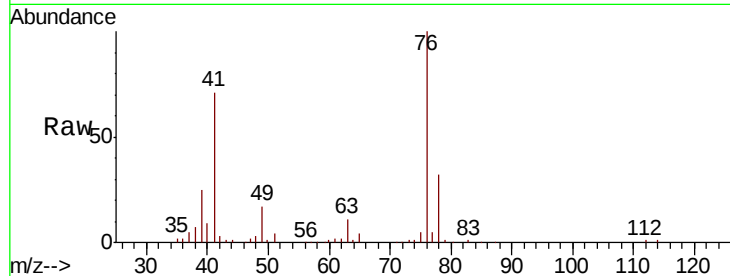
VW0905SBSD04

Tgt Ion: 76 Resp: 61788

Ion Ratio Lower Upper

76 100

78 32.5 25.8 38.8



#58

2-Chloroethyl Vinyl ether

Concen: 106.290 ug/l

RT: 9.92 min Scan# 1315

Delta R.T. -0.00 min

Lab File: VW012660.D

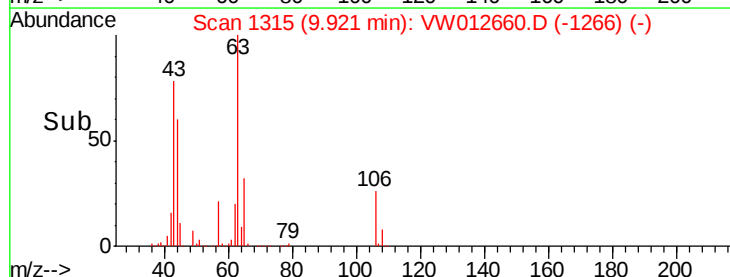
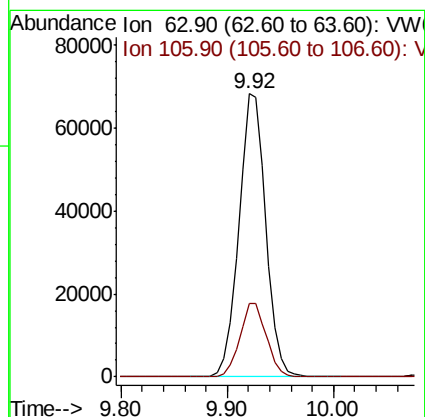
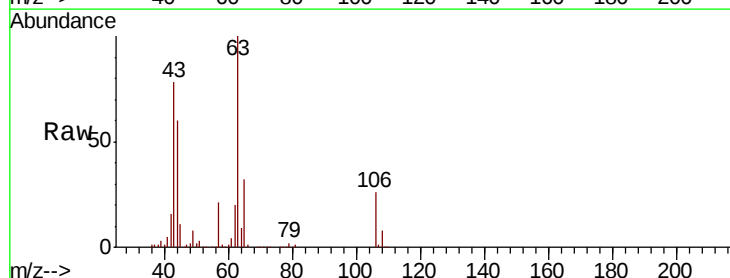
Acq: 06 Sep 2019 00:29

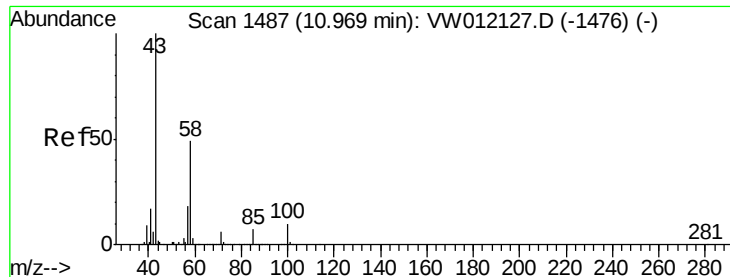
Tgt Ion: 63 Resp: 120751

Ion Ratio Lower Upper

63 100

106 25.7 19.8 29.8





#59

2-Hexanone

Concen: 99.865 ug/l

RT: 10.97 min Scan# 1487

Delta R.T. -0.00 min

Lab File: VW012660.D

Acq: 06 Sep 2019 00:29

Instrument :

MSVOA_W

ClientSampleId :

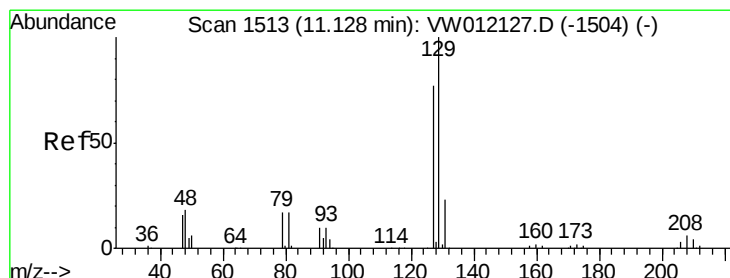
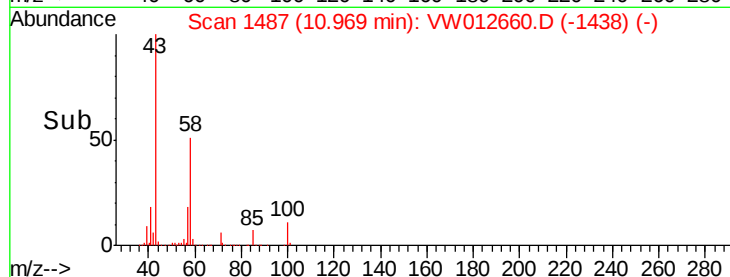
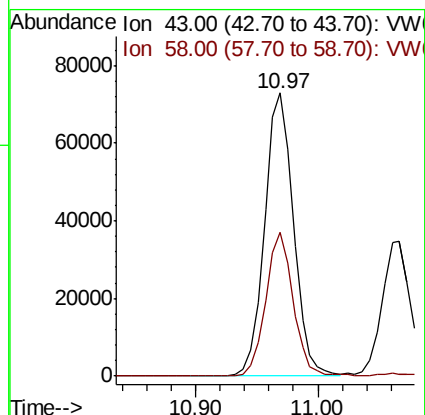
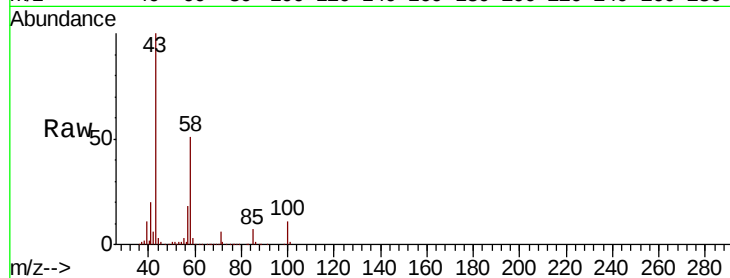
VW0905SBSD04

Tgt Ion: 43 Resp: 119935

Ion Ratio Lower Upper

43 100

58 48.5 24.3 72.9



#60

Dibromochloromethane

Concen: 22.558 ug/l

RT: 11.13 min Scan# 1513

Delta R.T. -0.00 min

Lab File: VW012660.D

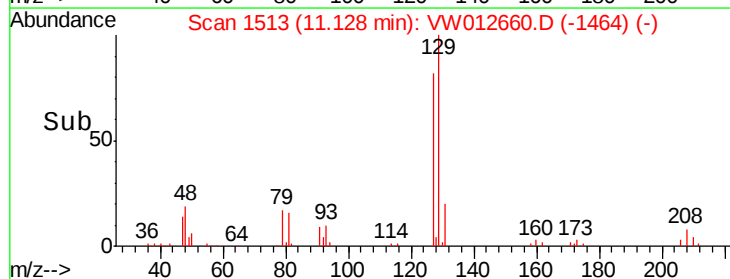
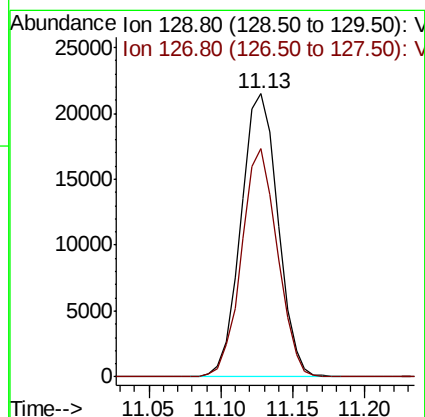
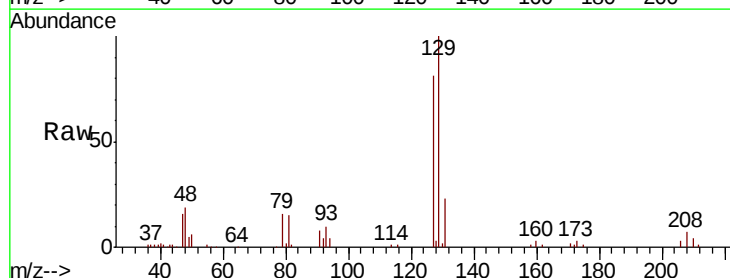
Acq: 06 Sep 2019 00:29

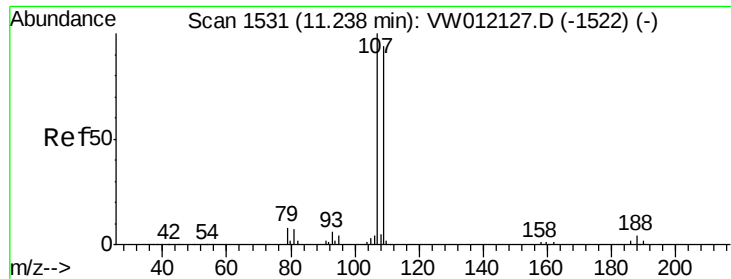
Tgt Ion: 129 Resp: 38214

Ion Ratio Lower Upper

129 100

127 78.2 38.6 115.8





#61

1,2-Dibromoethane

Concen: 22.204 ug/l

RT: 11.24 min Scan# 1531

Delta R.T. -0.00 min

Lab File: VW012660.D

Acq: 06 Sep 2019 00:29

Instrument :

MSVOA_W

ClientSampleId :

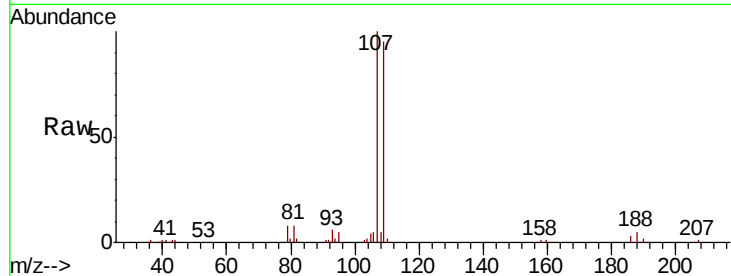
VW0905SBSD04

Tgt Ion: 107 Resp: 31461

Ion Ratio Lower Upper

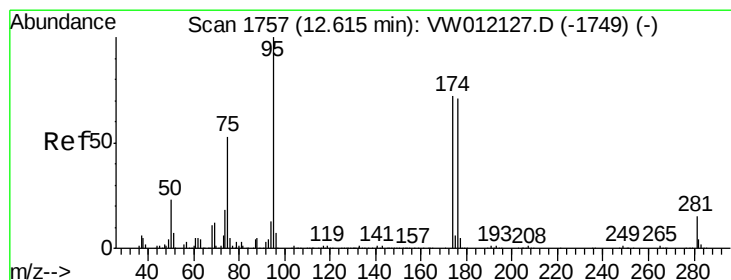
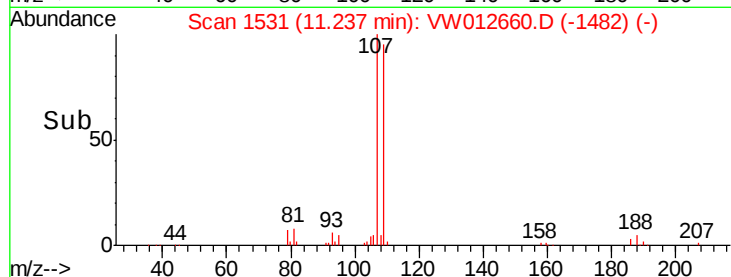
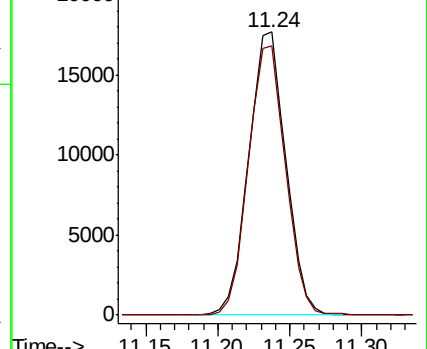
107 100

109 95.0 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: 47.795 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. -0.00 min

Lab File: VW012660.D

Acq: 06 Sep 2019 00:29

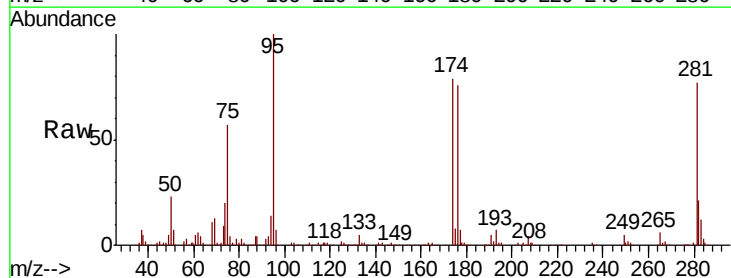
Tgt Ion: 95 Resp: 129725

Ion Ratio Lower Upper

95 100

174 79.8 0.0 150.8

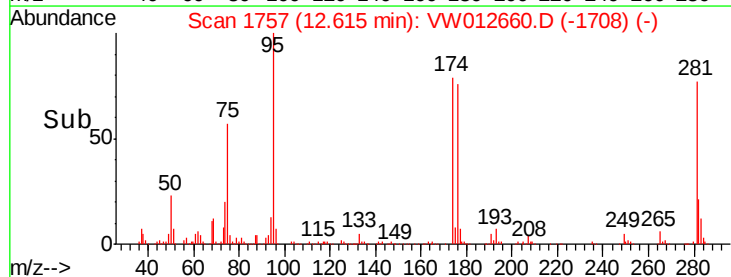
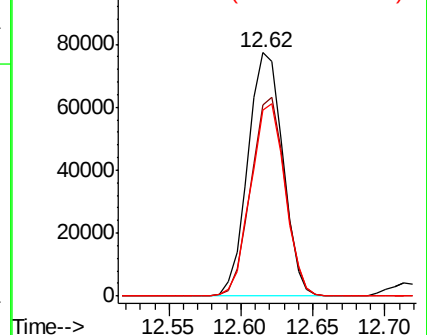
176 77.9 0.0 148.6

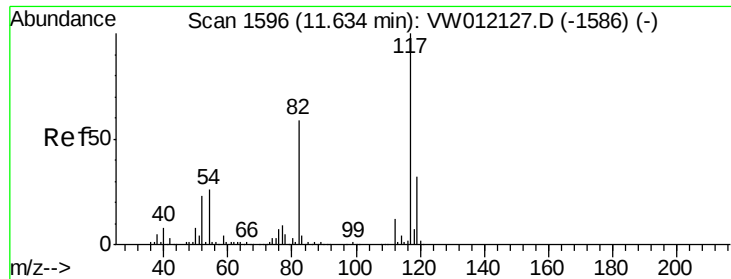


Abundance Ion 94.90 (94.60 to 95.60): VW

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

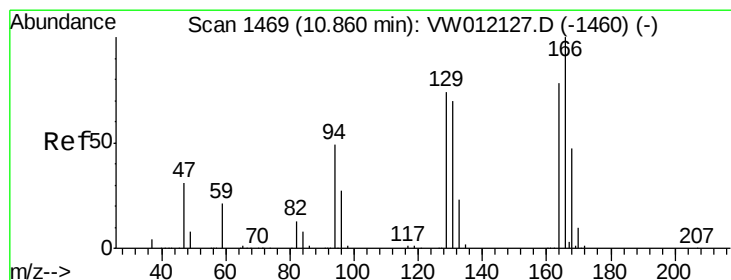
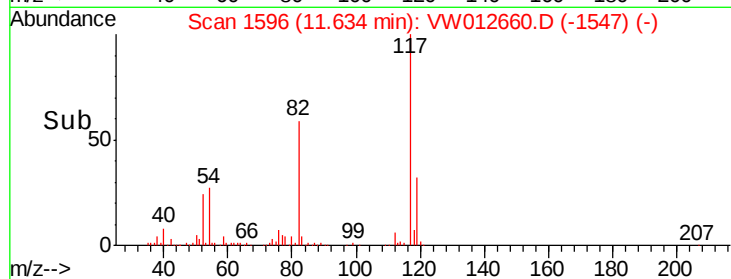
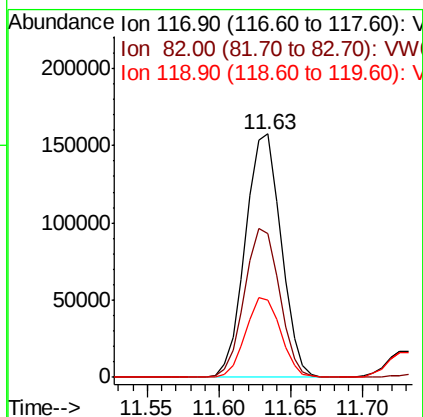
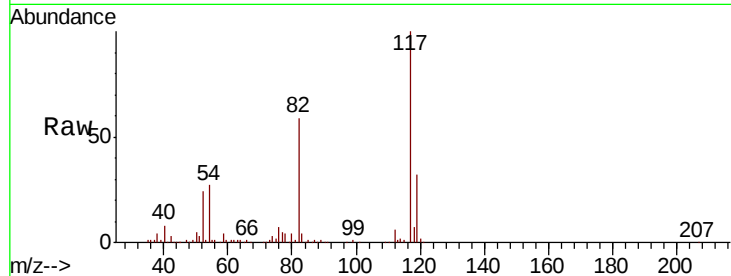




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW012660.D
Acq: 06 Sep 2019 00:29

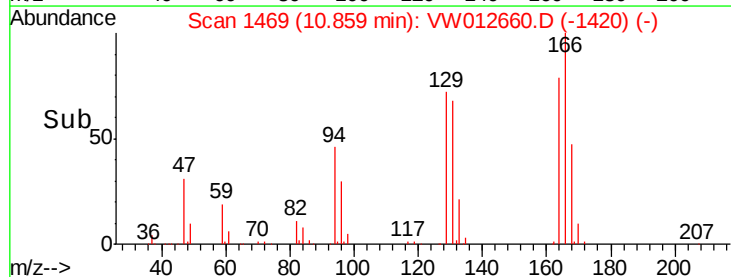
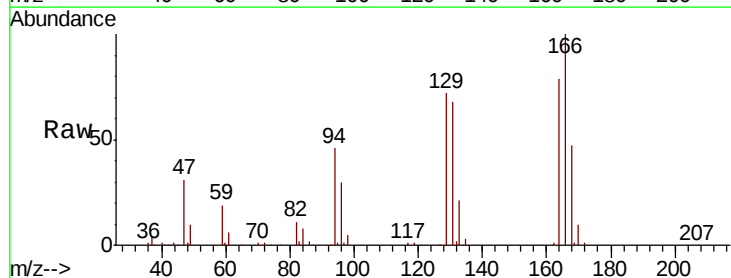
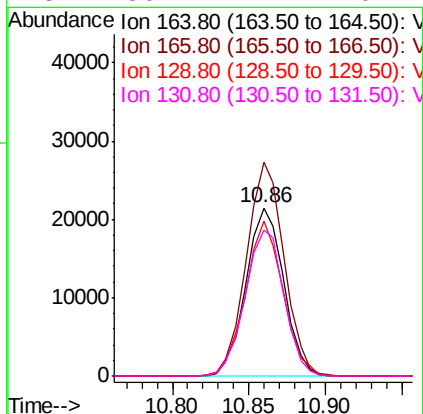
Instrument :
MSVOA_W
ClientSampleId :
VW0905SBSD04

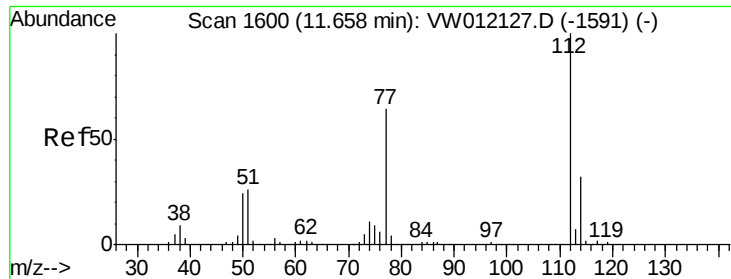
Tgt Ion:117 Resp: 270627
Ion Ratio Lower Upper
117 100
82 59.0 47.4 71.2
119 31.8 25.4 38.2



#64
Tetrachloroethene
Concen: 21.052 ug/l
RT: 10.86 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VW012660.D
Acq: 06 Sep 2019 00:29

Tgt Ion:164 Resp: 36936
Ion Ratio Lower Upper
164 100
166 127.1 102.4 153.6
129 91.9 75.8 113.6
131 86.7 71.4 107.2

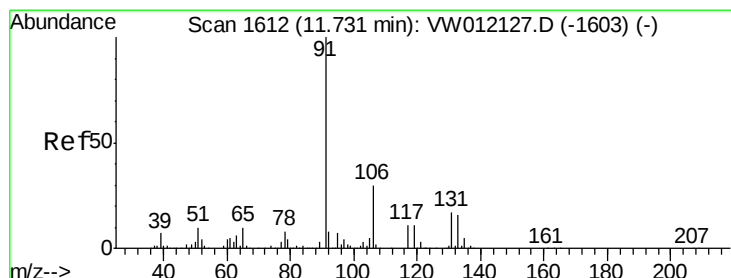
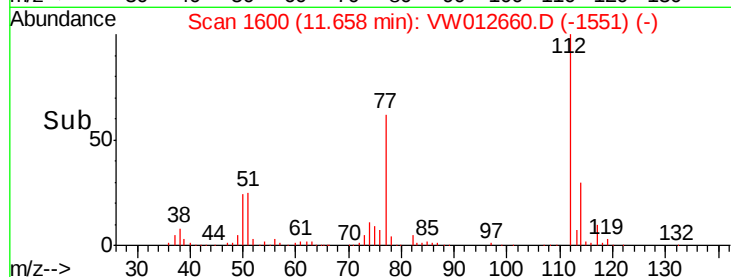
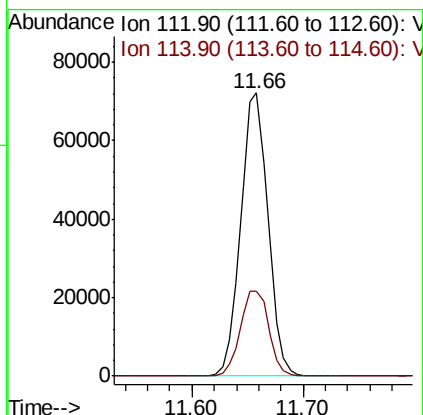
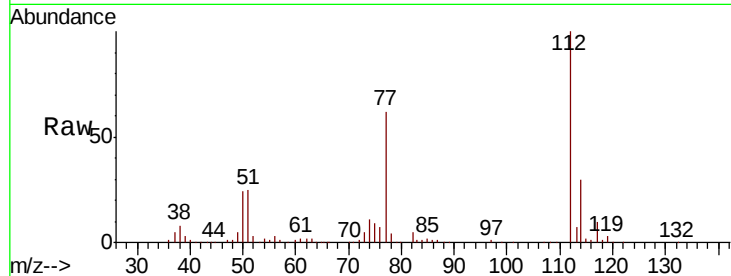




#65
Chlorobenzene
Concen: 23.006 ug/l
RT: 11.66 min Scan# 1600
Delta R.T. -0.00 min
Lab File: VW012660.D
Acq: 06 Sep 2019 00:29

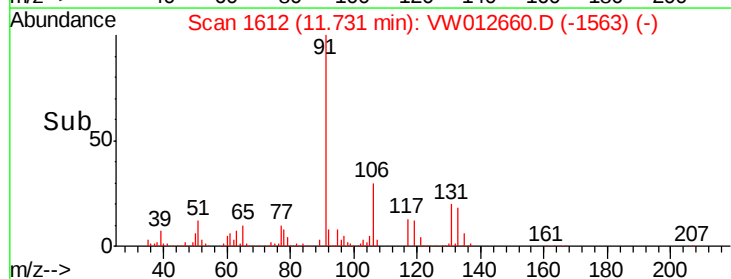
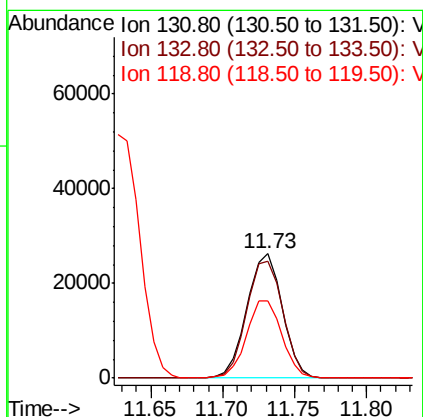
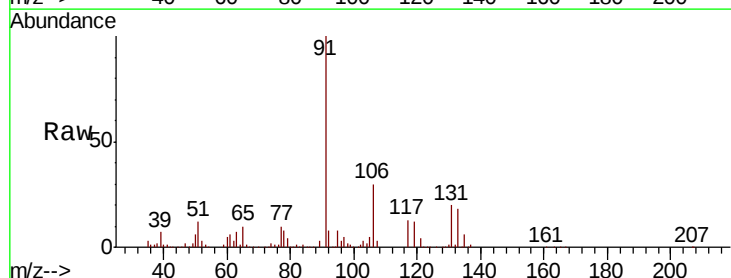
Instrument :
MSVOA_W
ClientSampleId :
VW0905SBSD04

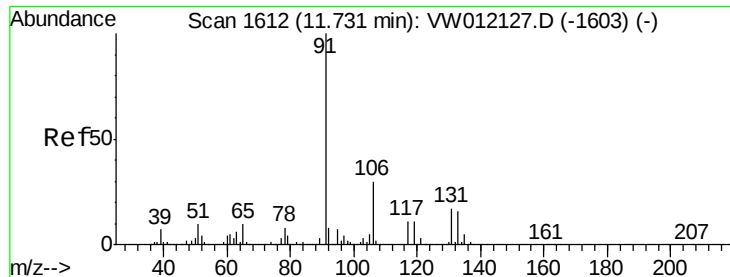
Tgt Ion:112 Resp: 122596
Ion Ratio Lower Upper
112 100
114 29.9 25.8 38.6



#66
1,1,1,2-Tetrachloroethane
Concen: 24.052 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. -0.00 min
Lab File: VW012660.D
Acq: 06 Sep 2019 00:29

Tgt Ion:131 Resp: 44713
Ion Ratio Lower Upper
131 100
133 96.4 47.1 141.3
119 62.2 31.8 95.3

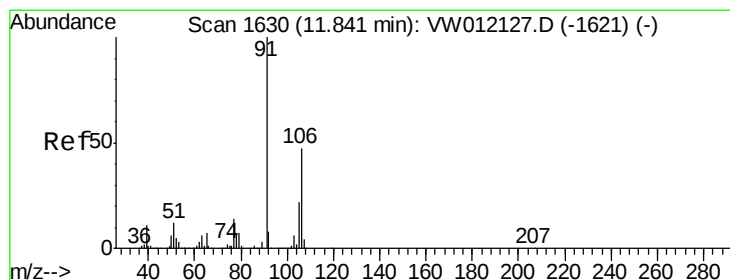
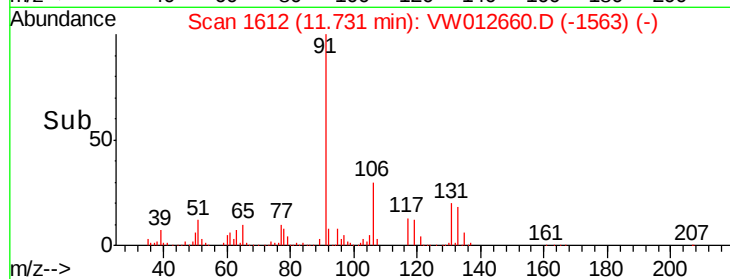
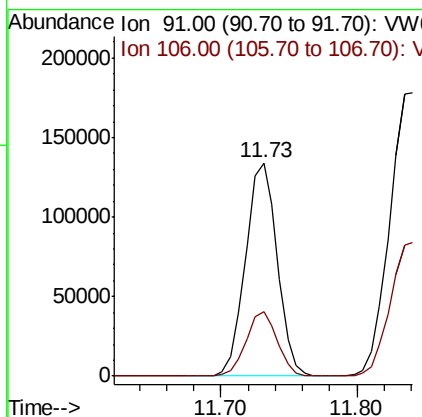
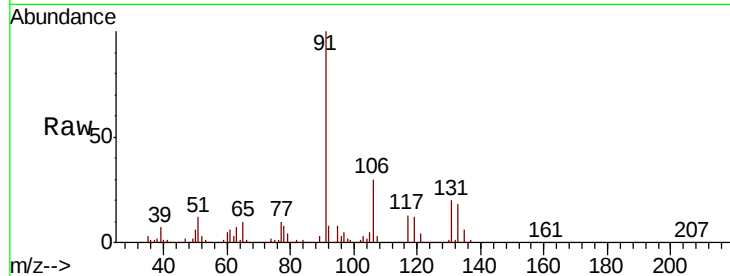




#67
Ethyl Benzene
Concen: 21.379 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. -0.00 min
Lab File: VW012660.D
Acq: 06 Sep 2019 00:29

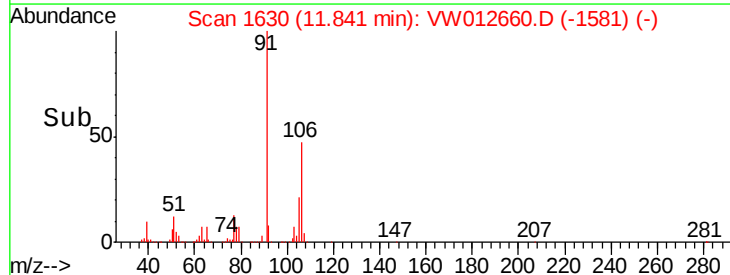
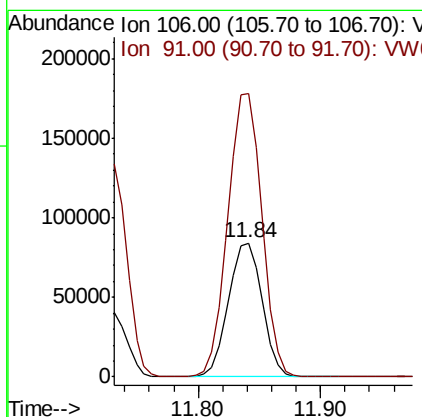
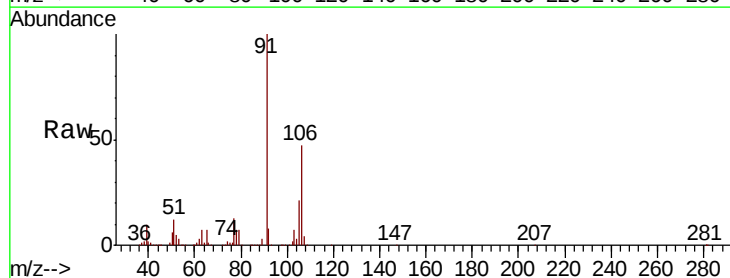
Instrument :
MSVOA_W
ClientSampleId :
VW0905SBSD04

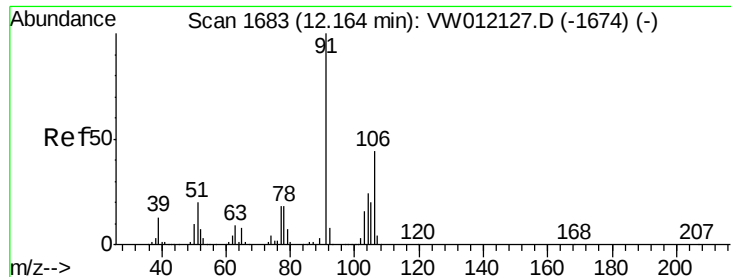
Tgt Ion: 91 Resp: 219459
Ion Ratio Lower Upper
91 100
106 30.1 24.3 36.5



#68
m/p-Xylenes
Concen: 43.497 ug/l
RT: 11.84 min Scan# 1630
Delta R.T. -0.00 min
Lab File: VW012660.D
Acq: 06 Sep 2019 00:29

Tgt Ion: 106 Resp: 160837
Ion Ratio Lower Upper
106 100
91 213.3 169.5 254.3

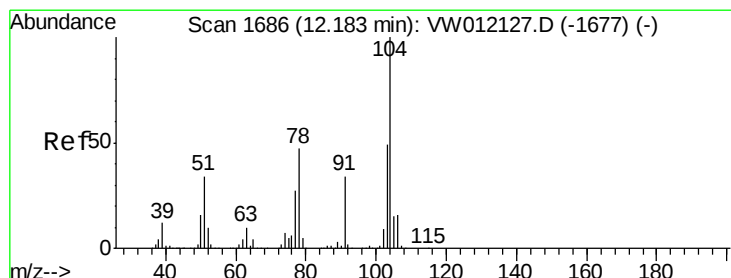
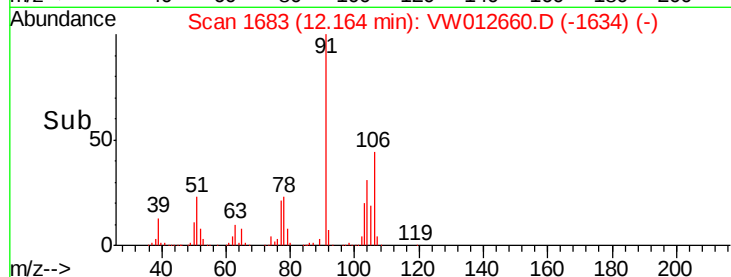
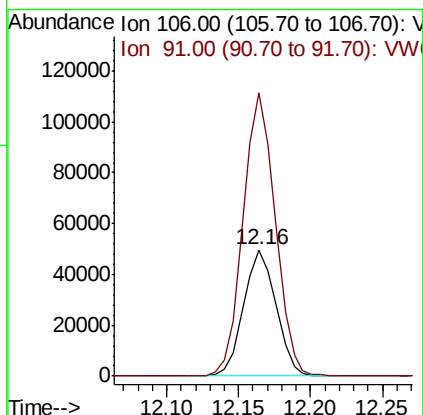
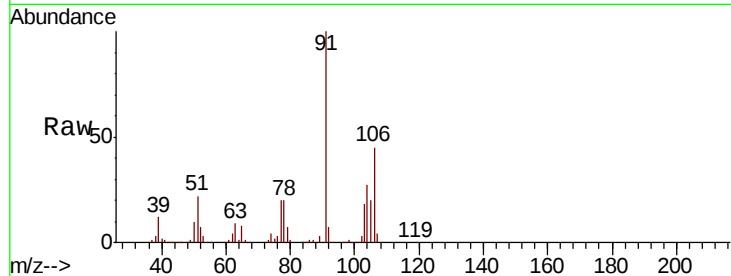




#69
o-Xylene
Concen: 22.487 ug/l
RT: 12.16 min Scan# 1683
Delta R.T. -0.00 min
Lab File: VW012660.D
Acq: 06 Sep 2019 00:29

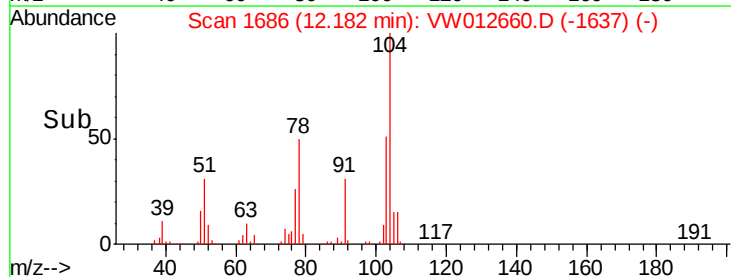
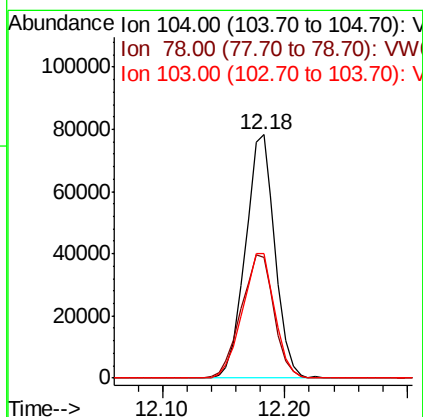
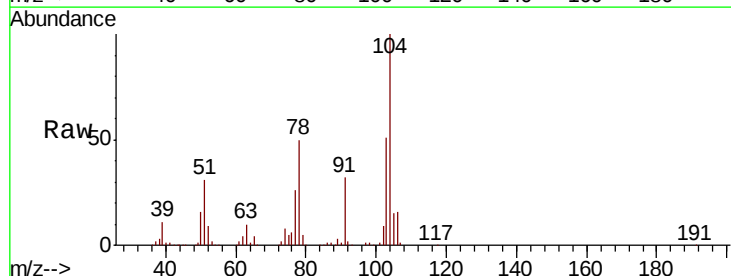
Instrument :
MSVOA_W
ClientSampleId :
VW0905SBSD04

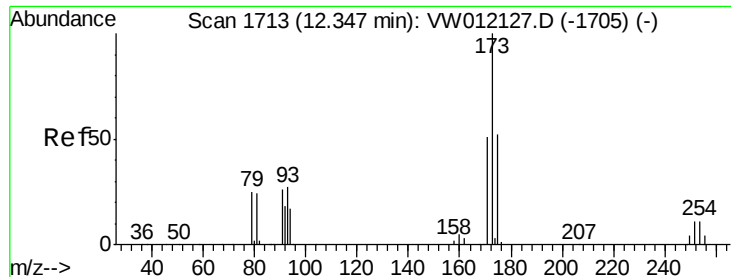
Tgt Ion:106 Resp: 76957
Ion Ratio Lower Upper
106 100
91 224.2 111.6 334.6



#70
Styrene
Concen: 22.107 ug/l
RT: 12.18 min Scan# 1686
Delta R.T. -0.00 min
Lab File: VW012660.D
Acq: 06 Sep 2019 00:29

Tgt Ion:104 Resp: 130951
Ion Ratio Lower Upper
104 100
78 56.5 43.1 64.7
103 56.2 43.5 65.3





#71

Bromoform

Concen: 26.084 ug/l

RT: 12.35 min Scan# 1713

Delta R.T. -0.00 min

Lab File: VW012660.D

Acq: 06 Sep 2019 00:29

Instrument :

MSVOA_W

ClientSampleId :

VW0905SBSD04

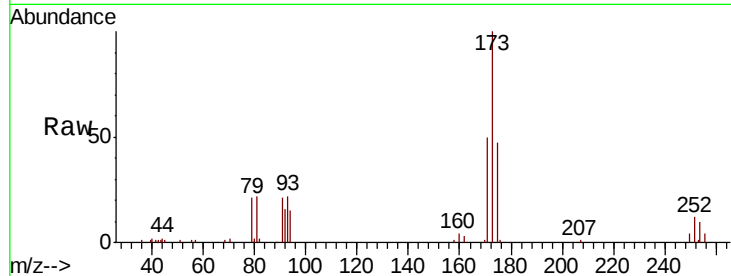
Tgt Ion:173 Resp: 24160

Ion Ratio Lower Upper

173 100

175 48.0 24.6 74.0

254 0.0 0.2 0.2#

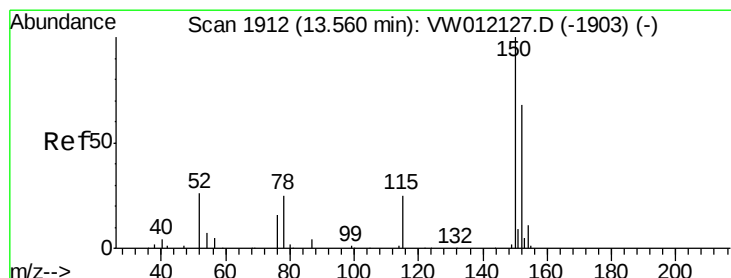
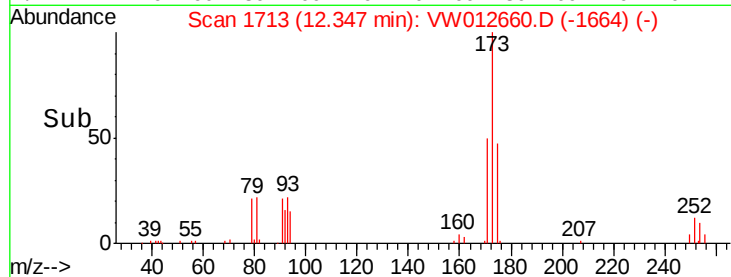
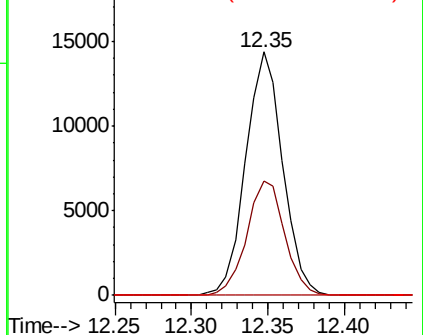


Abundance

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: VW012660.D

Acq: 06 Sep 2019 00:29

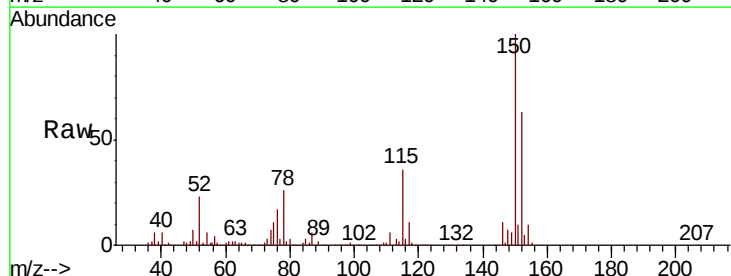
Tgt Ion:152 Resp: 127654

Ion Ratio Lower Upper

152 100

115 59.2 30.1 90.3

150 162.7 0.0 345.8

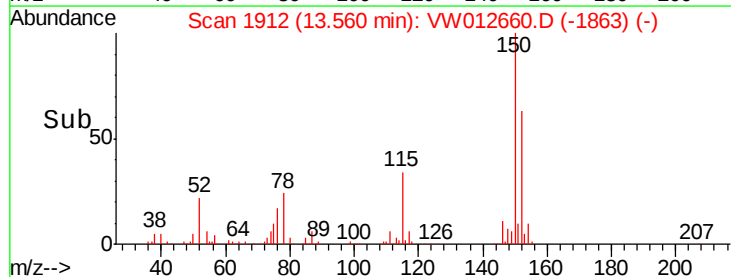
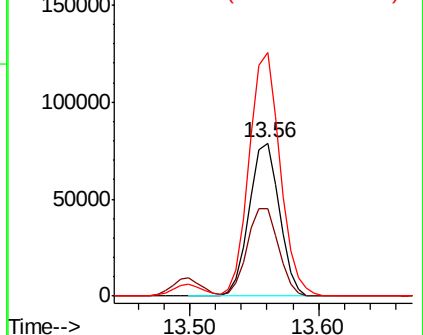


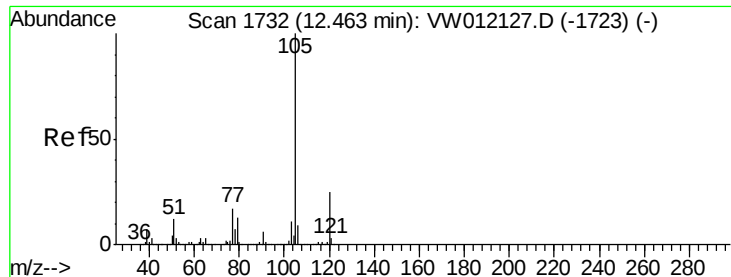
Abundance

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: 22.311 ug/l

RT: 12.46 min Scan# 1732

Delta R.T. -0.00 min

Lab File: VW012660.D

Acq: 06 Sep 2019 00:29

Instrument :

MSVOA_W

ClientSampleId :

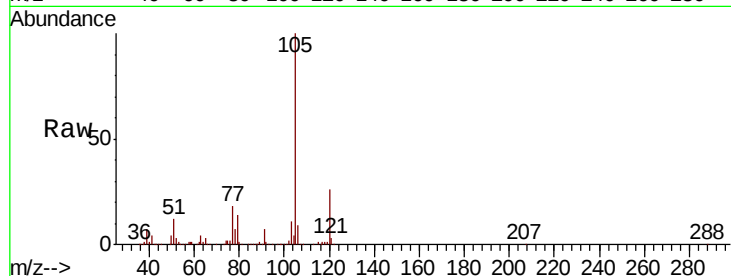
VW0905SBSD04

Tgt Ion: 105 Resp: 213416

Ion Ratio Lower Upper

105 100

120 25.4 12.5 37.5



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

150000

100000

50000

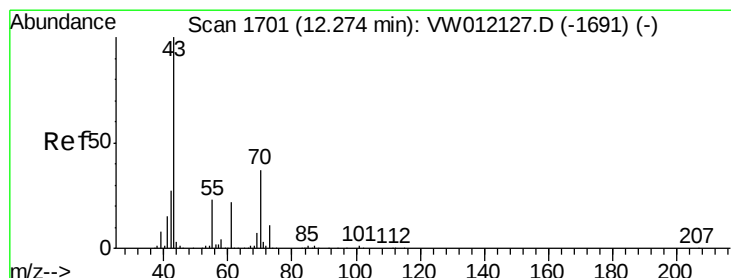
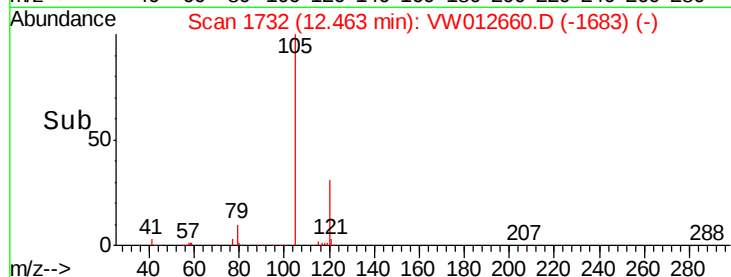
0

12.46

12.40

12.50

Time-->



#74

N-ethyl acetate

Concen: 23.534 ug/l

RT: 12.27 min Scan# 1701

Delta R.T. -0.00 min

Lab File: VW012660.D

Acq: 06 Sep 2019 00:29

Tgt Ion: 43 Resp: 68012

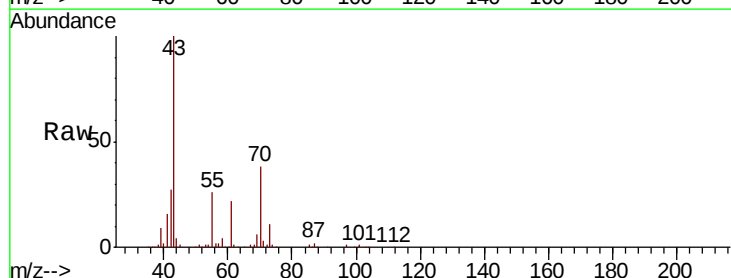
Ion Ratio Lower Upper

43 100

70 37.1 28.6 43.0

55 23.8 17.8 26.6

61 21.2 17.3 25.9



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 70.00 (69.70 to 70.70): VW

Ion 55.00 (54.70 to 55.70): VW

Ion 61.00 (60.70 to 61.70): VW

60000

40000

20000

0

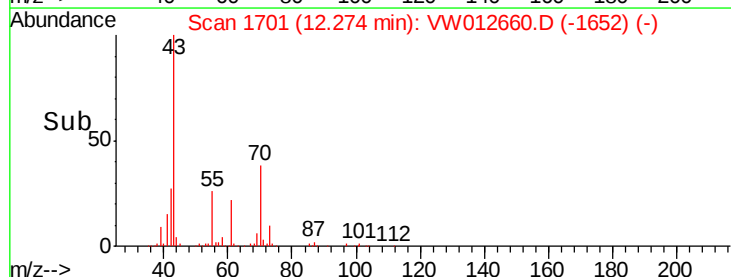
12.27

12.20

12.30

12.40

Time-->





#75

1,1,2,2-Tetrachloroethane

Concen: 24.621 ug/l

RT: 12.71 min Scan# 1773

Delta R.T. -0.00 min

Lab File: VW012660.D

Acq: 06 Sep 2019 00:29

Instrument :

MSVOA_W

ClientSampleId :

VW0905SBSD04

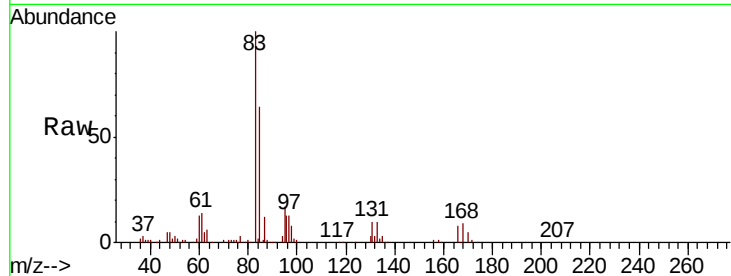
Tgt Ion: 83 Resp: 43175

Ion Ratio Lower Upper

83 100

131 11.0 4.9 14.7

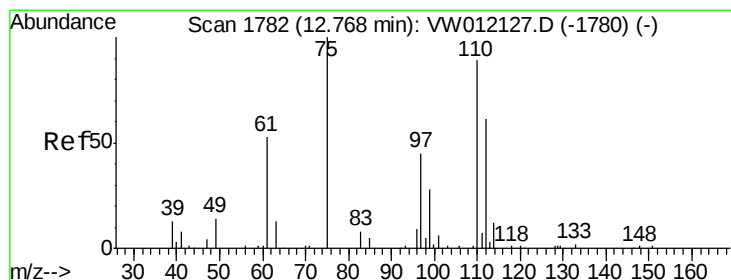
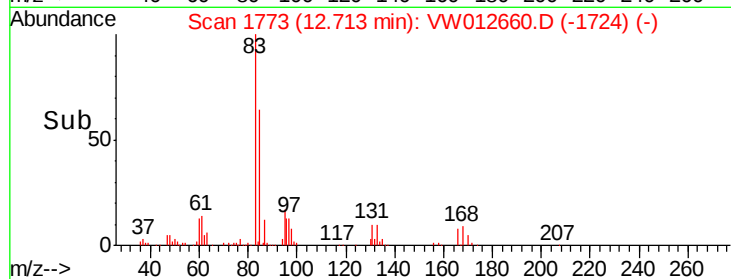
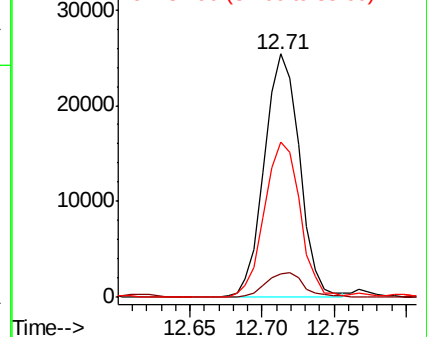
85 64.4 31.9 95.7



Abundance Ion 82.90 (82.60 to 83.60): VW

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VW



#76

1,2,3-Trichloropropane

Concen: 45.792 ug/l

RT: 12.77 min Scan# 1782

Delta R.T. -0.00 min

Lab File: VW012660.D

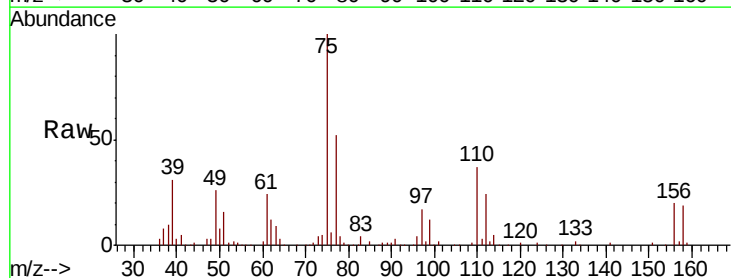
Acq: 06 Sep 2019 00:29

Tgt Ion: 75 Resp: 56931

Ion Ratio Lower Upper

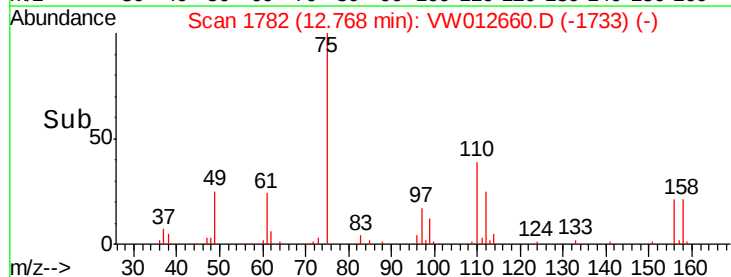
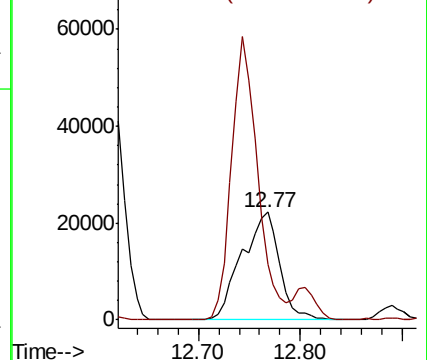
75 100

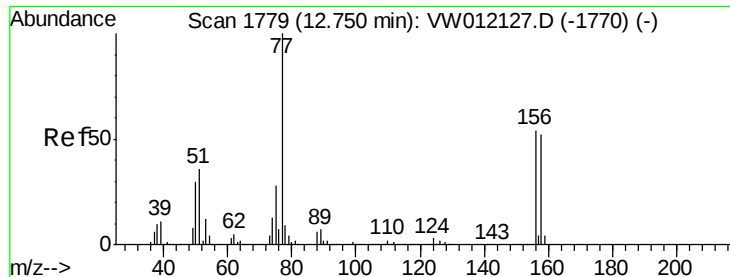
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 77.00 (76.70 to 77.70): VW





#77

Bromobenzene

Concen: 24.989 ug/l

RT: 12.74 min Scan# 1778

Delta R.T. -0.01 min

Lab File: VW012660.D

Acq: 06 Sep 2019 00:29

Instrument :

MSVOA_W

ClientSampleId :

VW0905SBSD04

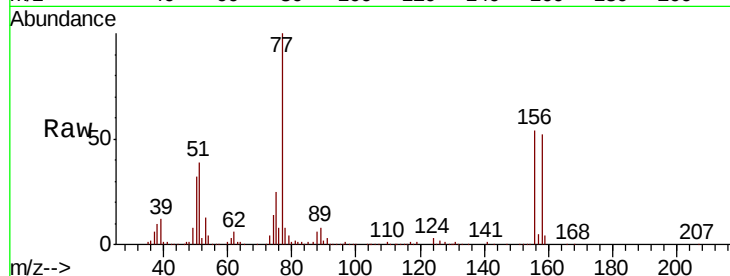
Tgt Ion:156 Resp: 51710

Ion Ratio Lower Upper

156 100

77 200.8 107.3 321.8

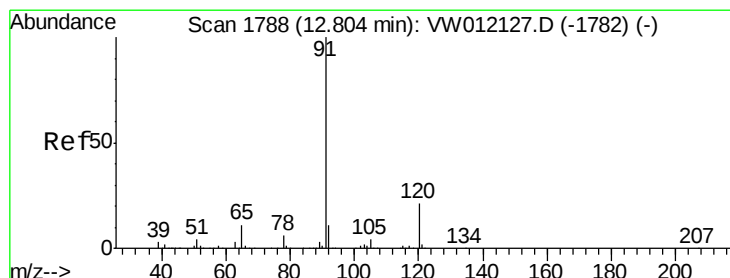
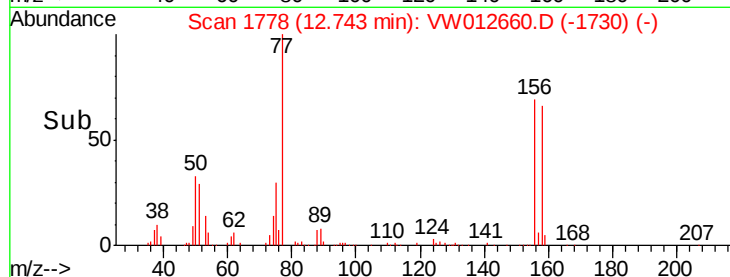
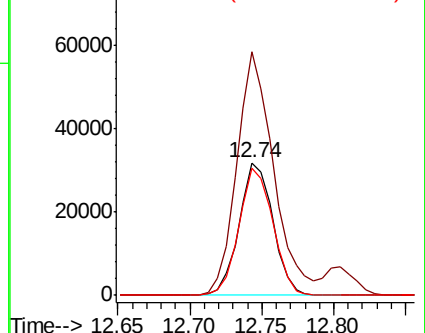
158 96.2 49.0 147.0



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VW

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 21.833 ug/l

RT: 12.80 min Scan# 1788

Delta R.T. -0.00 min

Lab File: VW012660.D

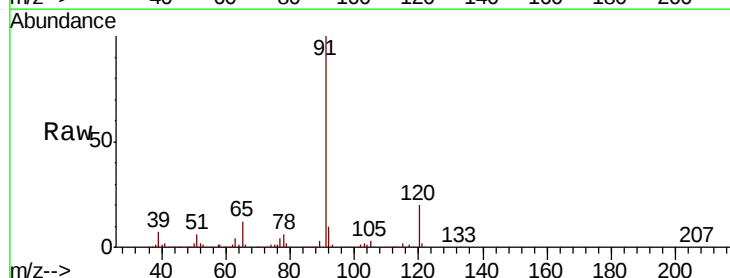
Acq: 06 Sep 2019 00:29

Tgt Ion: 91 Resp: 254947

Ion Ratio Lower Upper

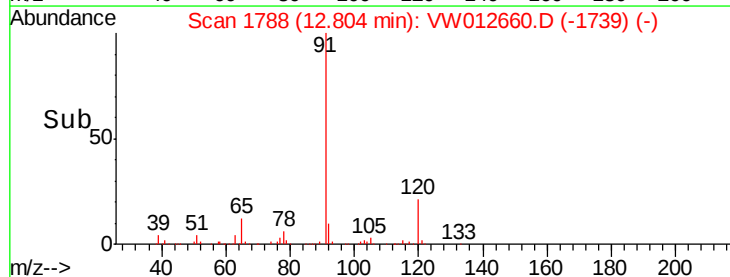
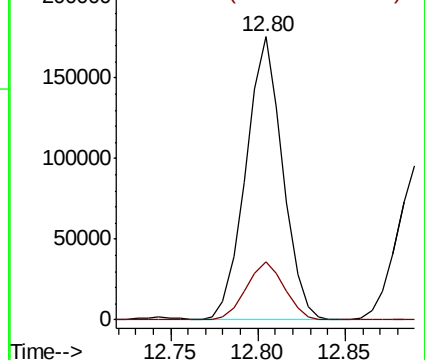
91 100

120 21.5 10.5 31.6



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 23.093 ug/l

RT: 12.89 min Scan# 1802

Delta R.T. -0.00 min

Lab File: VW012660.D

Acq: 06 Sep 2019 00:29

Instrument :

MSVOA_W

ClientSampleId :

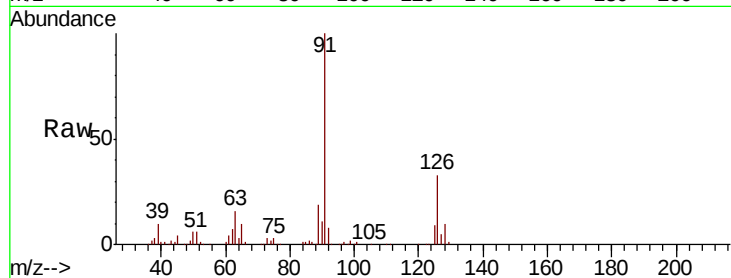
VW0905SBSD04

Tgt Ion: 91 Resp: 153098

Ion Ratio Lower Upper

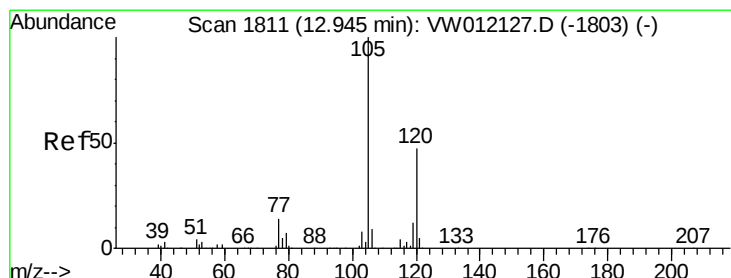
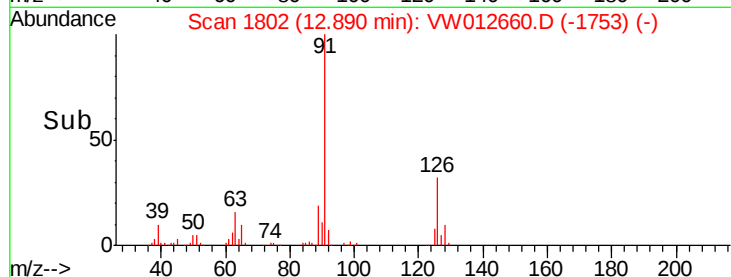
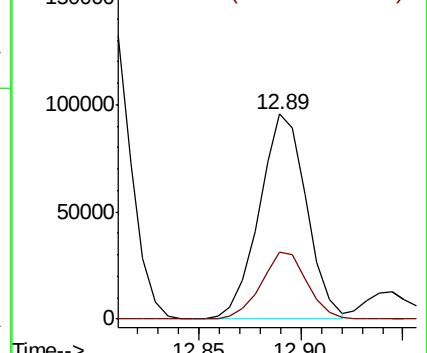
91 100

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: 22.731 ug/l

RT: 12.94 min Scan# 1811

Delta R.T. -0.00 min

Lab File: VW012660.D

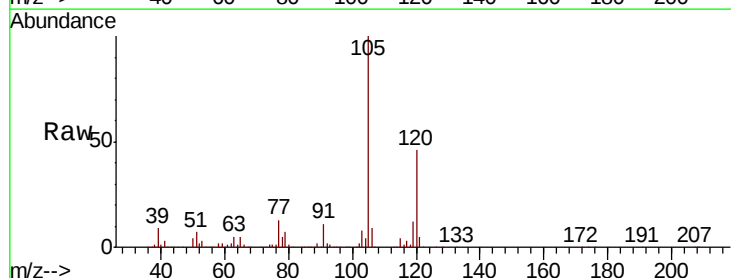
Acq: 06 Sep 2019 00:29

Tgt Ion: 105 Resp: 181683

Ion Ratio Lower Upper

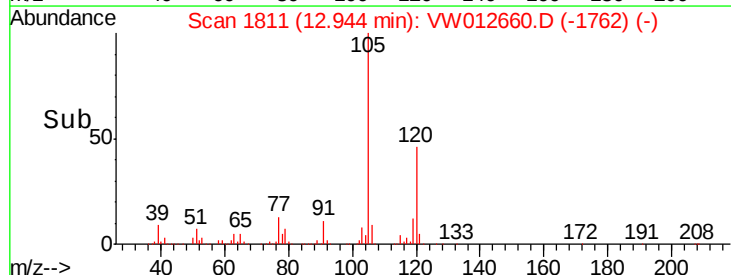
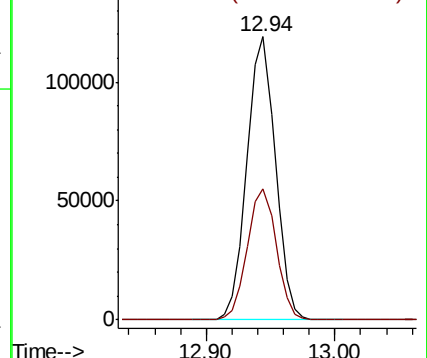
105 100

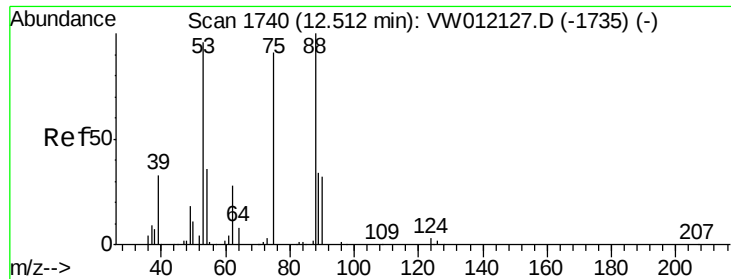
120 47.2 24.0 72.0



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: 21.917 ug/l

RT: 12.51 min Scan# 1740

Delta R.T. -0.00 min

Lab File: VW012660.D

Acq: 06 Sep 2019 00:29

Instrument :

MSVOA_W

ClientSampleId :

VW0905SBSD04

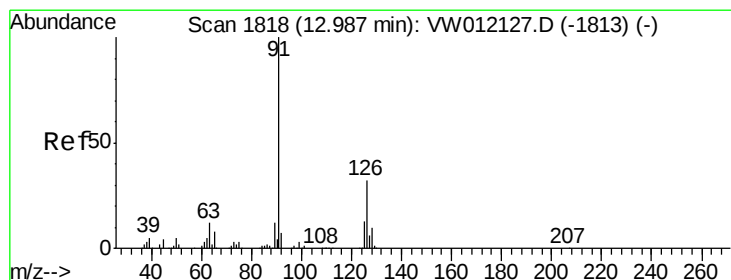
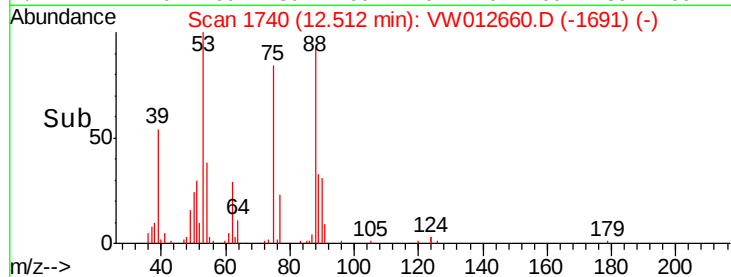
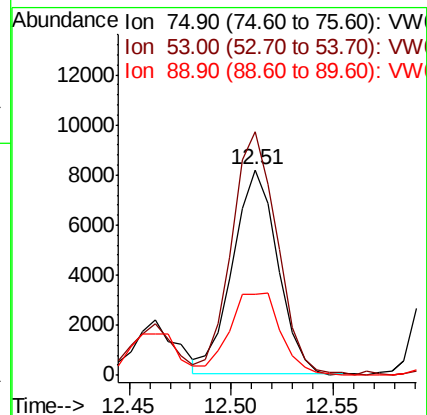
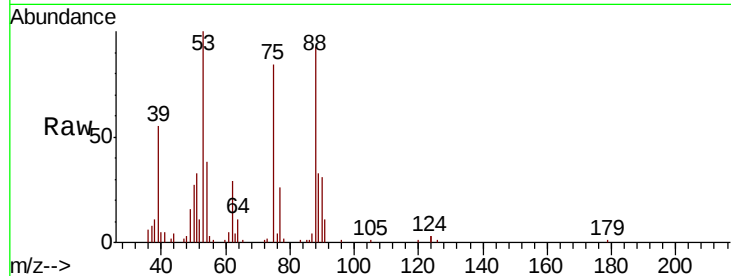
Tgt Ion: 75 Resp: 12428

Ion Ratio Lower Upper

75 100

53 121.9 89.4 134.0

89 47.0 34.5 51.7



#82

4-Chlorotoluene

Concen: 23.468 ug/l

RT: 12.99 min Scan# 1818

Delta R.T. -0.00 min

Lab File: VW012660.D

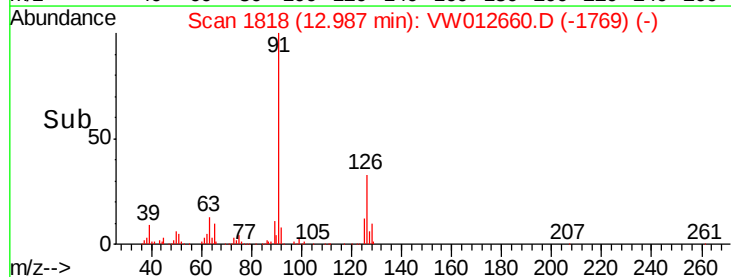
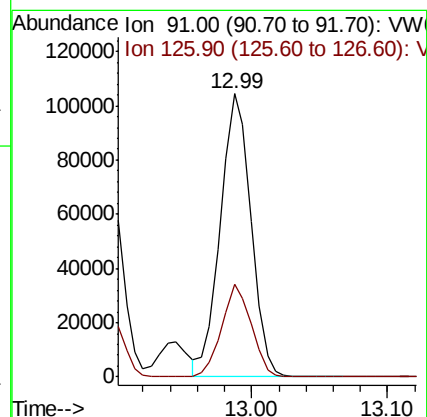
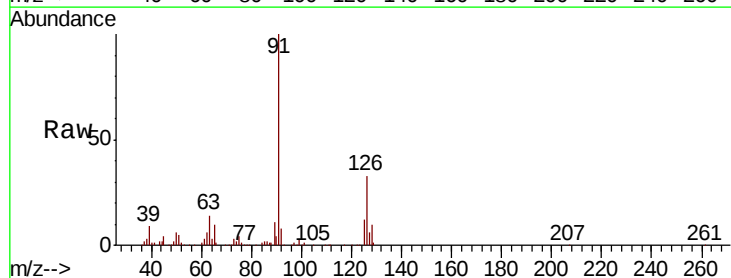
Acq: 06 Sep 2019 00:29

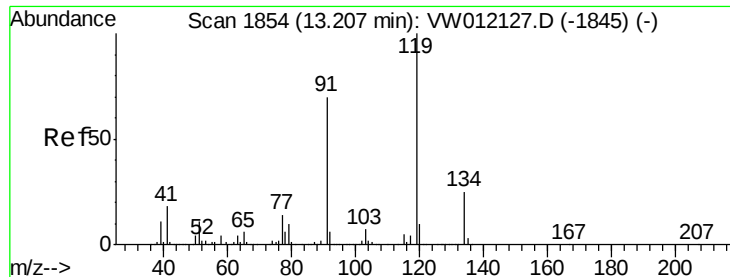
Tgt Ion: 91 Resp: 162913

Ion Ratio Lower Upper

91 100

126 31.6 15.6 46.8





#83

tert-Butylbenzene

Concen: 21.906 ug/l

RT: 13.21 min Scan# 1854

Delta R.T. -0.00 min

Lab File: VW012660.D

Acq: 06 Sep 2019 00:29

Instrument :

MSVOA_W

ClientSampleId :

VW0905SBSD04

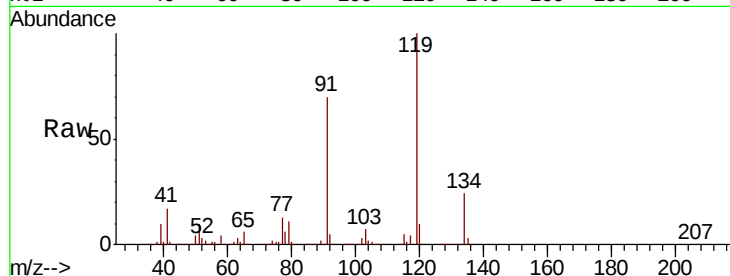
Tgt Ion:119 Resp: 148312

Ion Ratio Lower Upper

119 100

91 68.5 34.8 104.3

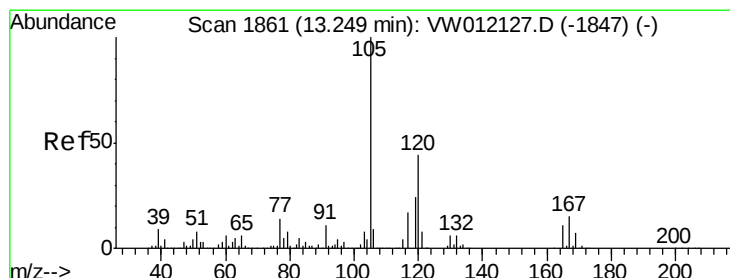
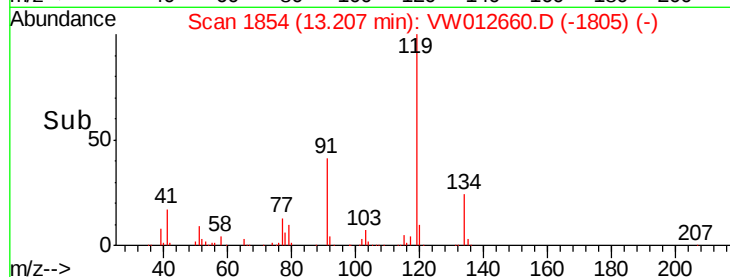
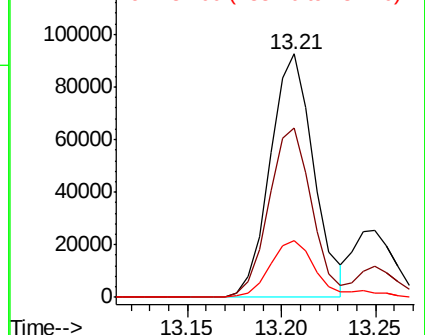
134 25.9 13.3 39.8



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): VW

Ion 134.00 (133.70 to 134.70): V



#84

1,2,4-Trimethylbenzene

Concen: 21.207 ug/l

RT: 13.25 min Scan# 1861

Delta R.T. -0.00 min

Lab File: VW012660.D

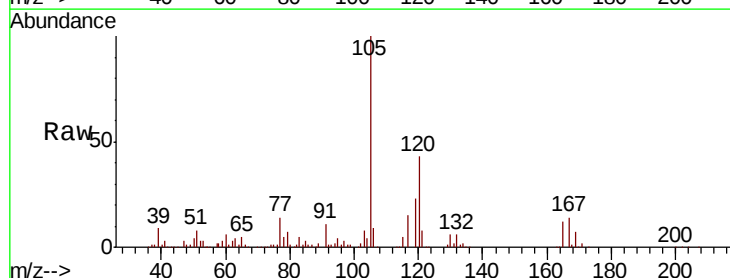
Acq: 06 Sep 2019 00:29

Tgt Ion:105 Resp: 170267

Ion Ratio Lower Upper

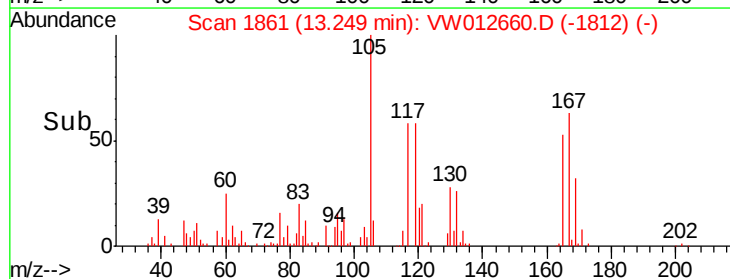
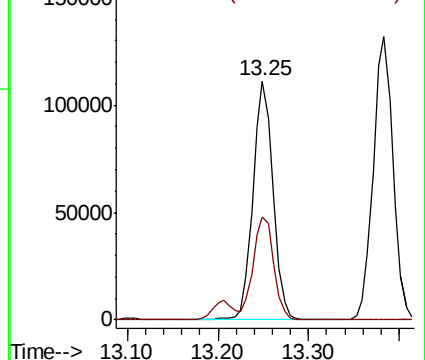
105 100

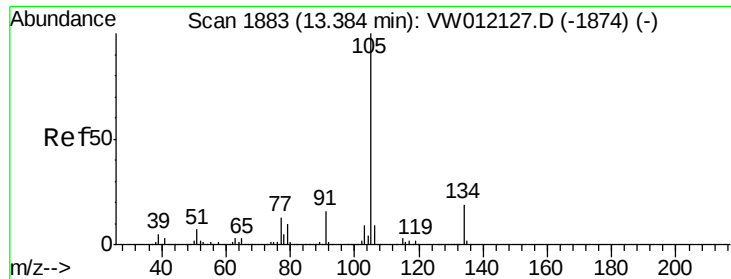
120 43.9 21.9 65.7



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

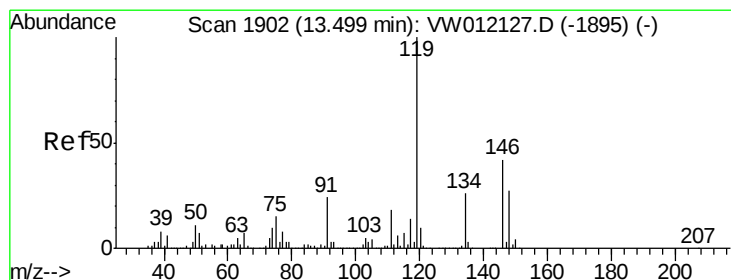
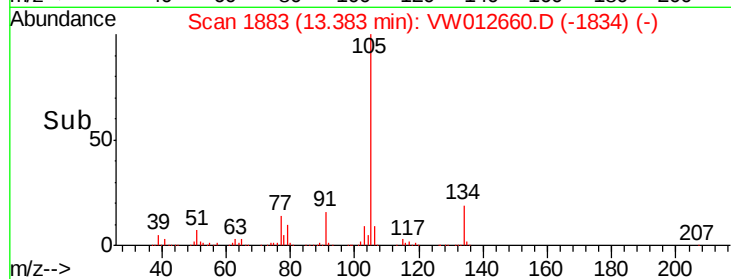
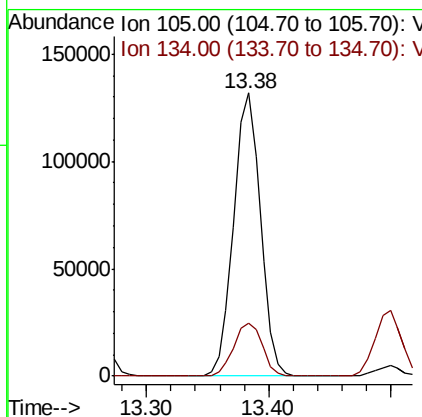
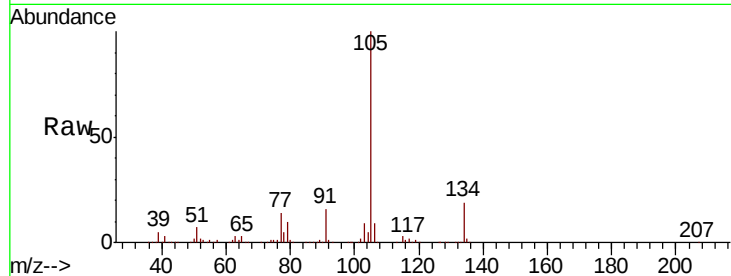




#85
 sec-Butylbenzene
 Concen: 20.557 ug/l
 RT: 13.38 min Scan# 1883
 Delta R.T. -0.00 min
 Lab File: VW012660.D
 Acq: 06 Sep 2019 00:29

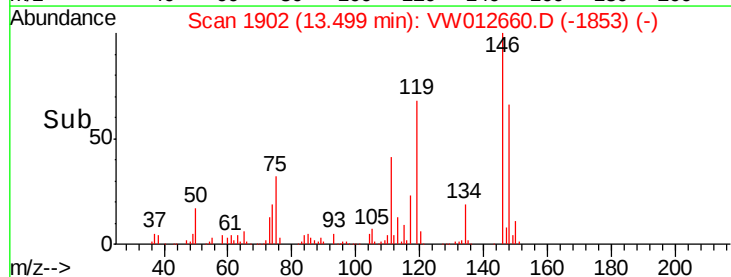
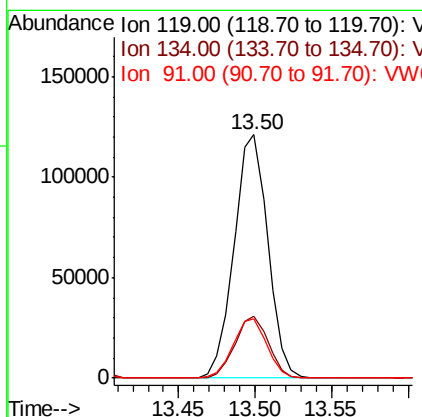
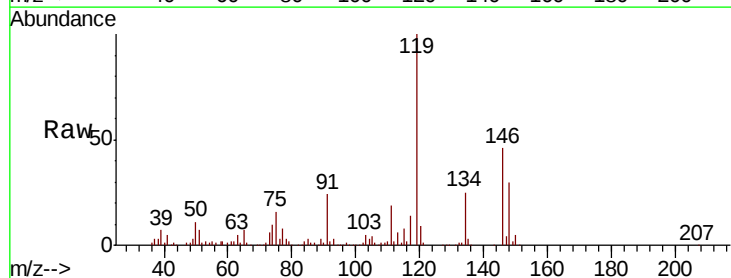
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0905SBSD04

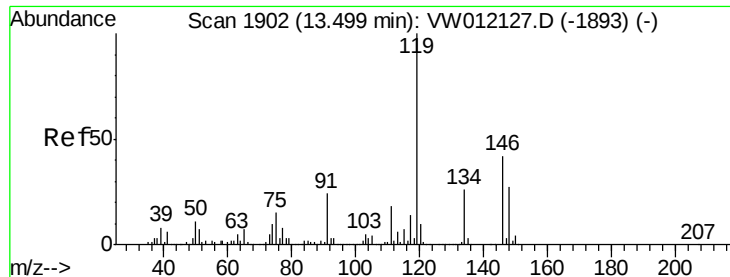
Tgt Ion:105 Resp: 199405
 Ion Ratio Lower Upper
 105 100
 134 19.9 9.8 29.4



#86
 p-Isopropyltoluene
 Concen: 21.393 ug/l
 RT: 13.50 min Scan# 1902
 Delta R.T. -0.00 min
 Lab File: VW012660.D
 Acq: 06 Sep 2019 00:29

Tgt Ion:119 Resp: 185322
 Ion Ratio Lower Upper
 119 100
 134 25.2 12.8 38.3
 91 24.5 12.3 36.9

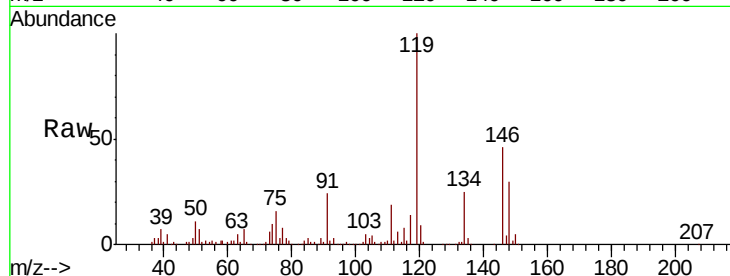




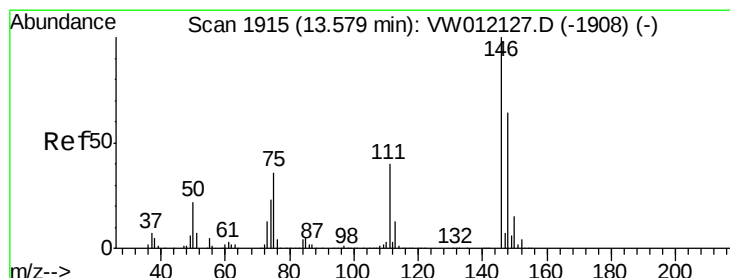
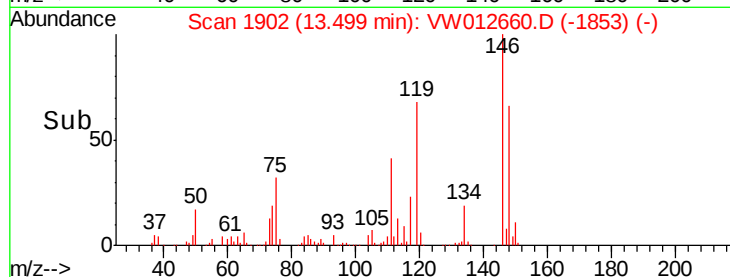
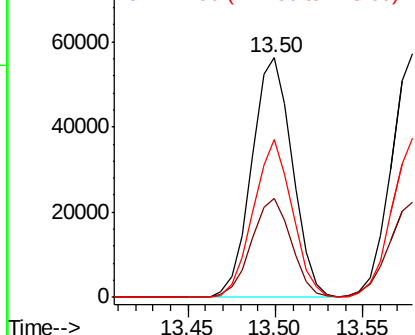
#87
 1,3-Dichlorobenzene
 Concen: 22.437 ug/l
 RT: 13.50 min Scan# 1902
 Delta R.T. -0.00 min
 Lab File: VW012660.D
 Acq: 06 Sep 2019 00:29

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0905SBSD04

Tgt Ion:146 Resp: 90814
 Ion Ratio Lower Upper
 146 100
 111 40.9 20.9 62.7
 148 63.2 32.2 96.6

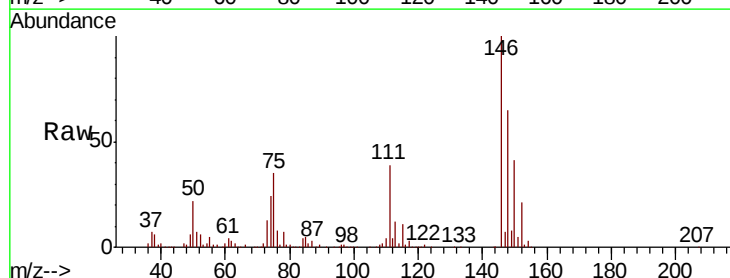


Abundance Ion 145.90 (145.60 to 146.60): V
 Ion 110.90 (110.60 to 111.60): V
 Ion 147.90 (147.60 to 148.60): V

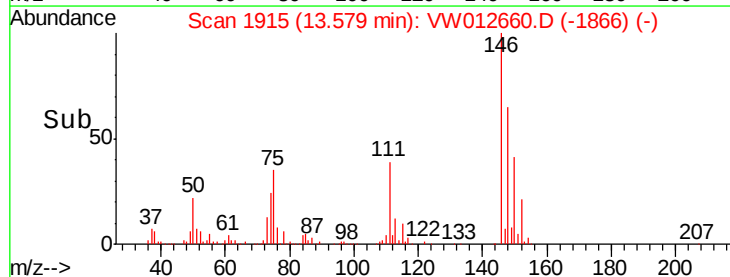
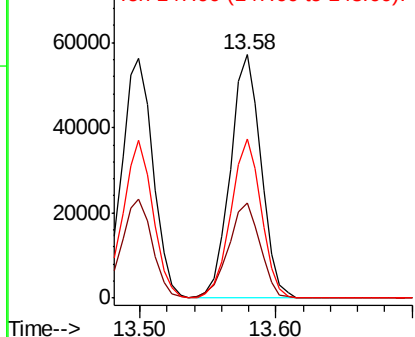


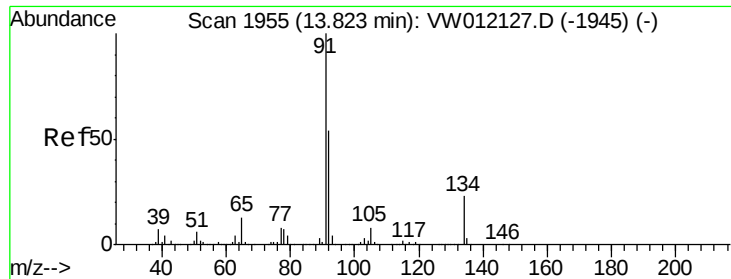
#88
 1,4-Dichlorobenzene
 Concen: 22.305 ug/l
 RT: 13.58 min Scan# 1915
 Delta R.T. -0.00 min
 Lab File: VW012660.D
 Acq: 06 Sep 2019 00:29

Tgt Ion:146 Resp: 89641
 Ion Ratio Lower Upper
 146 100
 111 40.5 20.0 60.0
 148 65.0 32.1 96.3



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





#89

n-Butylbenzene

Concen: 19.974 ug/l

RT: 13.82 min Scan# 1955

Delta R.T. -0.00 min

Lab File: VW012660.D

Acq: 06 Sep 2019 00:29

Instrument :

MSVOA_W

ClientSampleId :

VW0905SBSD04

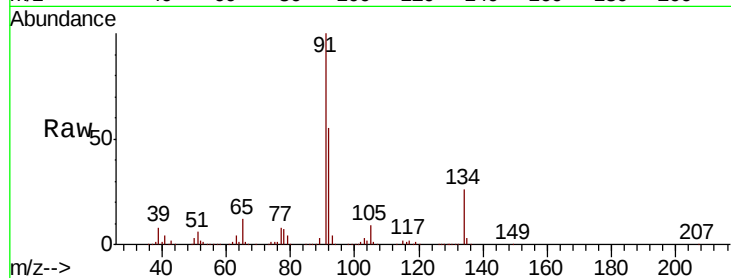
Tgt Ion: 91 Resp: 172068

Ion Ratio Lower Upper

91 100

92 54.4 27.1 81.2

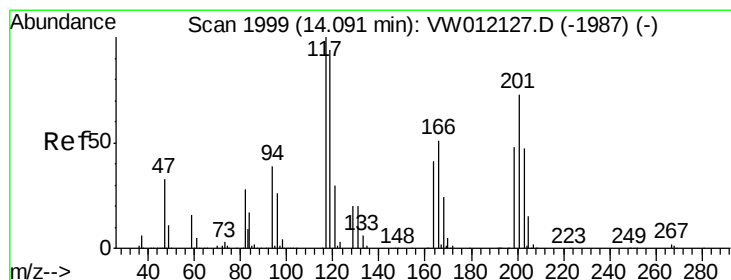
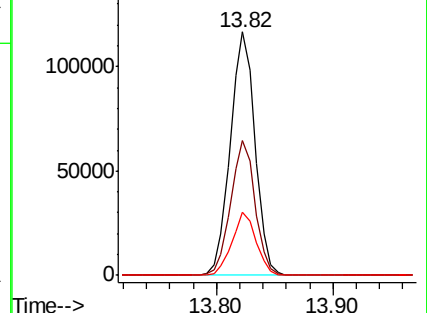
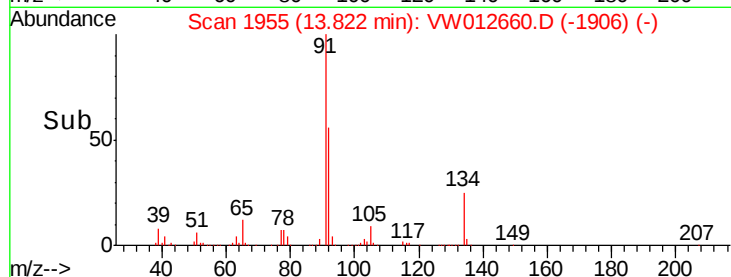
134 25.2 12.2 36.4



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 92.00 (91.70 to 92.70): VW

Ion 134.00 (133.70 to 134.70): V



#90

Hexachloroethane

Concen: 22.211 ug/l

RT: 14.09 min Scan# 1999

Delta R.T. -0.00 min

Lab File: VW012660.D

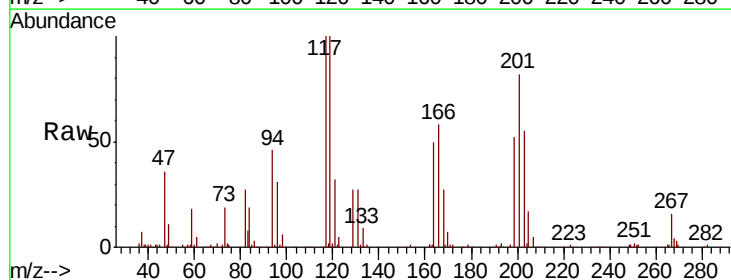
Acq: 06 Sep 2019 00:29

Tgt Ion: 117 Resp: 33757

Ion Ratio Lower Upper

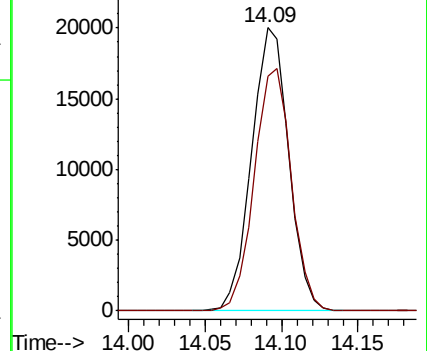
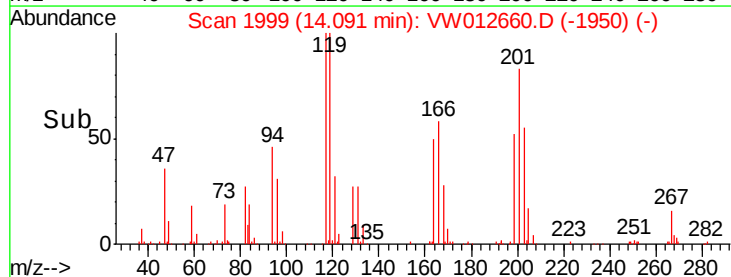
117 100

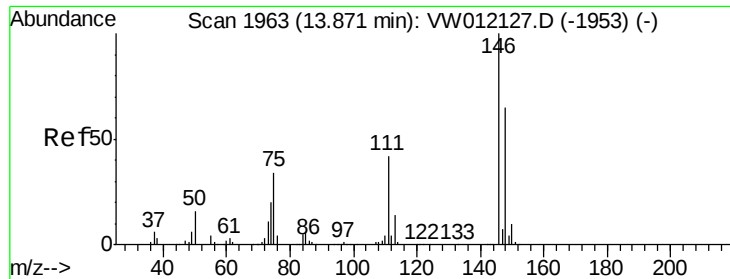
201 85.5 38.6 115.7



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V

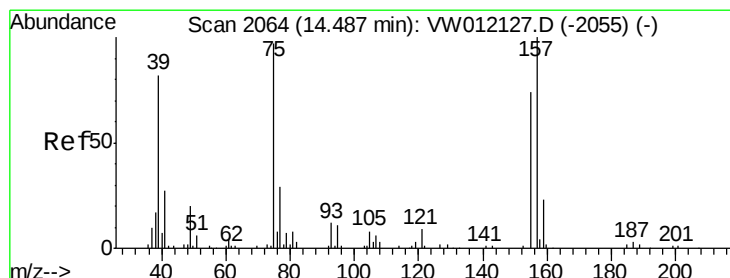
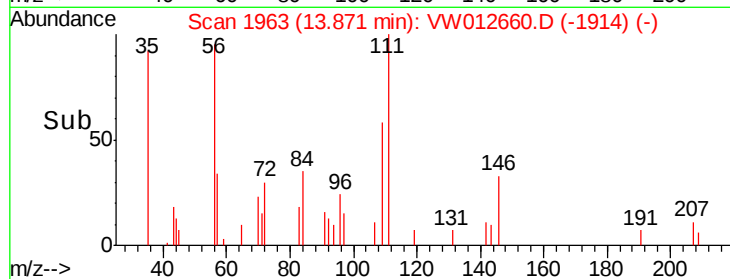
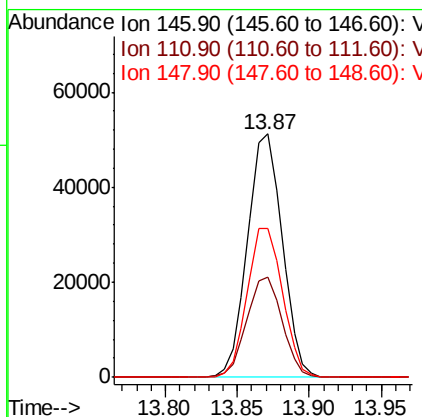
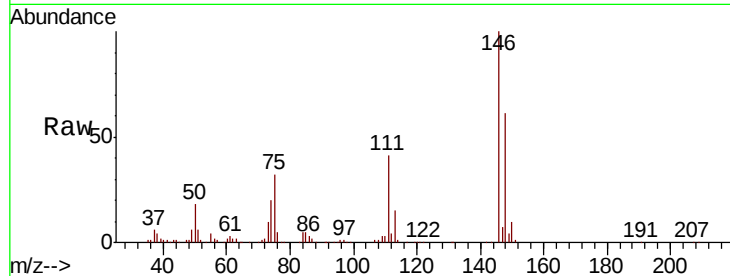




#91
 1,2-Dichlorobenzene
 Concen: 24.097 ug/l
 RT: 13.87 min Scan# 1963
 Delta R.T. -0.00 min
 Lab File: VW012660.D
 Acq: 06 Sep 2019 00:29

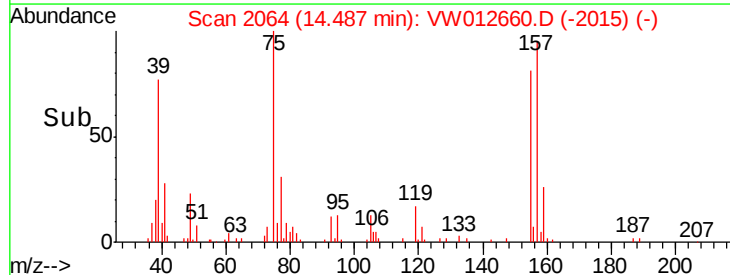
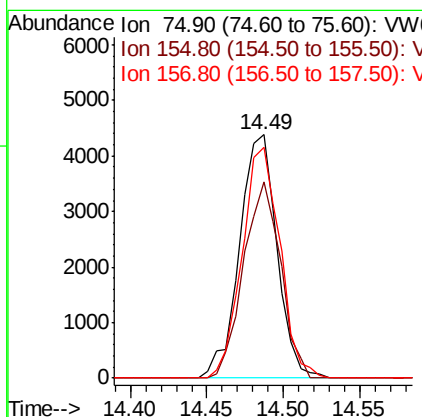
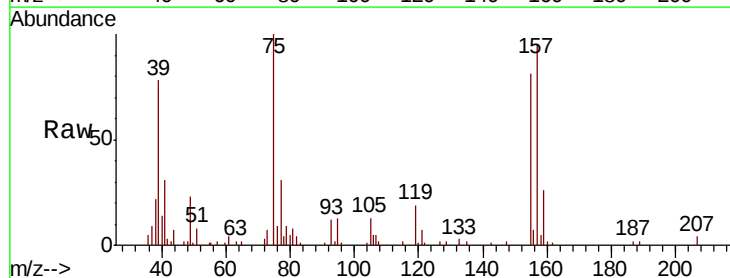
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0905SBSD04

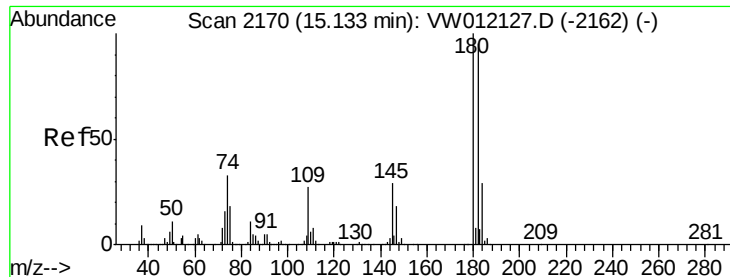
Tgt Ion:146 Resp: 85563
 Ion Ratio Lower Upper
 146 100
 111 42.0 21.2 63.6
 148 62.4 32.5 97.4



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 25.234 ug/l
 RT: 14.49 min Scan# 2064
 Delta R.T. -0.00 min
 Lab File: VW012660.D
 Acq: 06 Sep 2019 00:29

Tgt Ion: 75 Resp: 7460
 Ion Ratio Lower Upper
 75 100
 155 80.0 37.5 112.3
 157 95.7 50.5 151.5

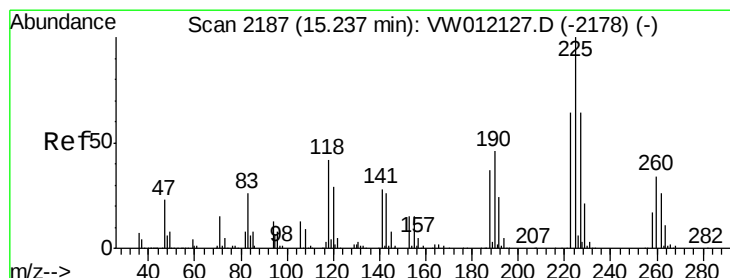
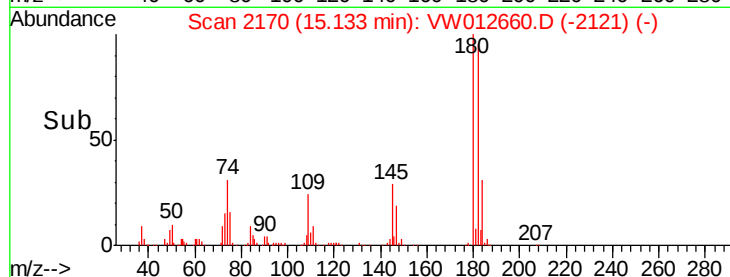
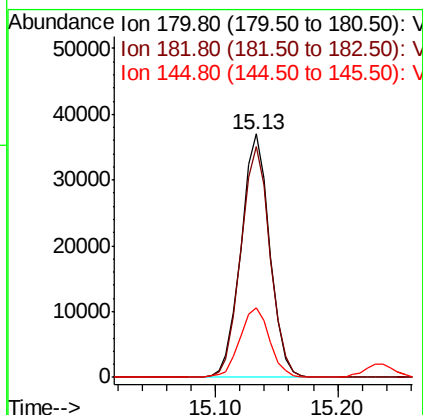
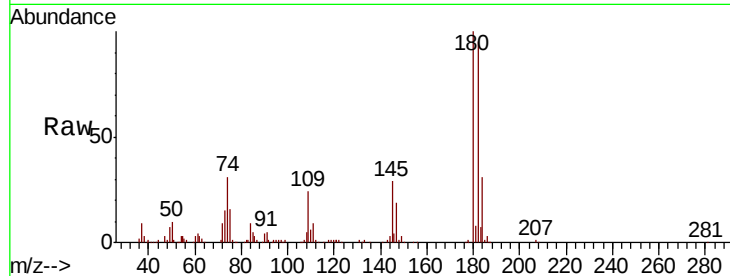




#93
 1,2,4-Trichlorobenzene
 Concen: 24.540 ug/l
 RT: 15.13 min Scan# 2170
 Delta R.T. -0.00 min
 Lab File: VW012660.D
 Acq: 06 Sep 2019 00:29

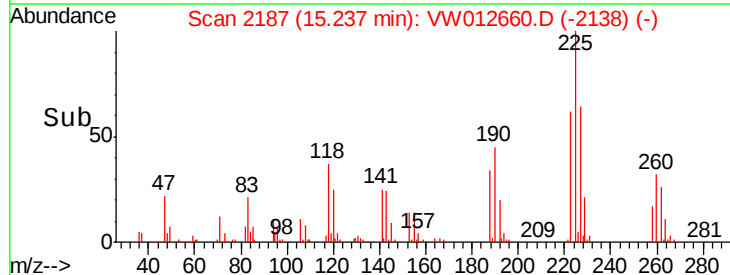
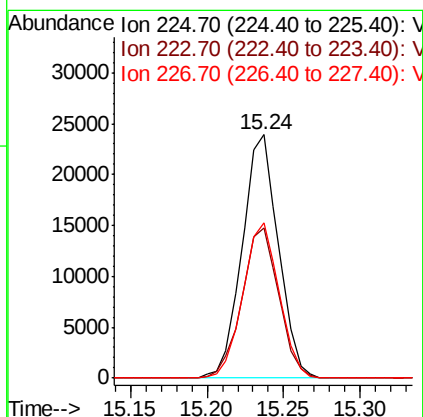
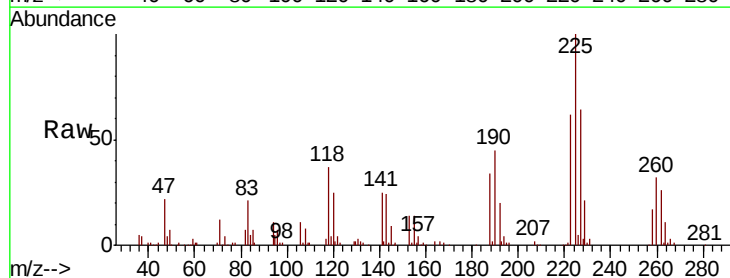
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0905SBSD04

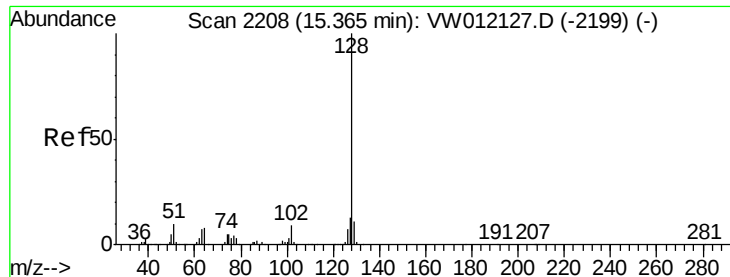
Tgt Ion	Ratio	Resp	Lower	Upper
180	100	60216		
182	96.3		47.8	143.4
145	29.7		15.0	45.1



#94
 Hexachlorobutadiene
 Concen: 24.259 ug/l
 RT: 15.24 min Scan# 2187
 Delta R.T. -0.00 min
 Lab File: VW012660.D
 Acq: 06 Sep 2019 00:29

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	39305		
223	62.7		32.3	96.8
227	63.6		32.9	98.6

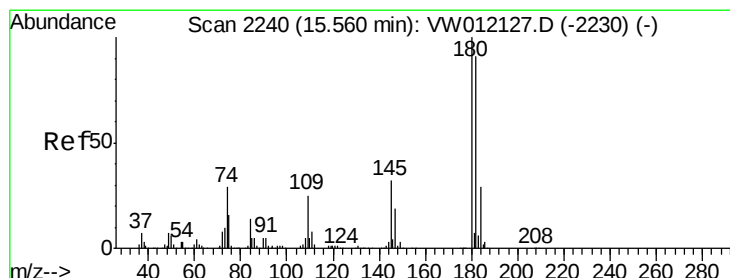
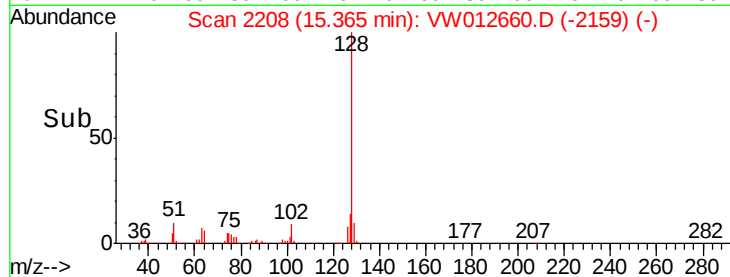
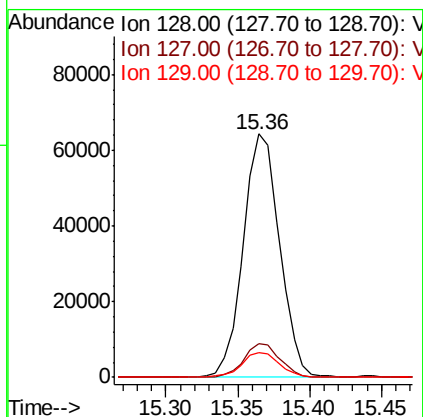
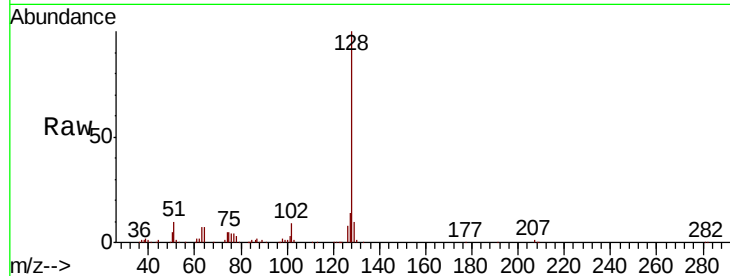




#95
Naphthalene
Concen: 25.624 ug/l
RT: 15.36 min Scan# 2208
Delta R.T. 0.00 min
Lab File: VW012660.D
Acq: 06 Sep 2019 00:29

Instrument :
MSVOA_W
ClientSampleId :
VW0905SBSD04

Tgt Ion:128 Resp: 112280
Ion Ratio Lower Upper
128 100
127 13.9 10.7 16.1
129 10.6 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 25.390 ug/l
RT: 15.55 min Scan# 2239
Delta R.T. -0.01 min
Lab File: VW012660.D
Acq: 06 Sep 2019 00:29

Tgt Ion:180 Resp: 54358
Ion Ratio Lower Upper
180 100
182 97.4 47.1 141.3
145 33.1 16.2 48.5

