

Data File : VW013939.D
Acq On : 08 Nov 2019 12:57
Operator : SY/VA
Sample : VW1108SBSD01
Misc : 5.00G/5ML/MSVOA_W/SOIL
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VW1108SBSD01

Quant Time: Nov 09 03:16:17 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W102319S.M
Quant Title : SW846 8260
QLast Update : Wed Oct 23 14:11:46 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	291142	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	407640	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	352034	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	184926	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	116567	53.37	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.74%	
35) Dibromofluoromethane	7.88	113	117115	51.70	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.40%	
50) Toluene-d8	10.32	98	484306	52.47	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.94%	
62) 4-Bromofluorobenzene	12.62	95	163579	52.34	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.68%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.01	85	35156	22.921	ug/l	98
3) Chloromethane	2.21	50	37882	22.981	ug/l	100
4) Vinyl Chloride	2.36	62	57381	23.050	ug/l	99
5) Bromomethane	2.78	94	36221	22.123	ug/l	100
6) Chloroethane	2.92	64	32703	21.710	ug/l	94
7) Trichlorofluoromethane	3.26	101	31760	20.425	ug/l	92
8) Diethyl Ether	3.68	74	26837	21.363	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	4.07	101	54382	21.514	ug/l	98
10) Methyl Iodide	4.28	142	84544	20.525	ug/l	99
11) Tert butyl alcohol	5.16	59	20735	159.032	ug/l	96
12) 1,1-Dichloroethene	4.04	96	55305	21.181	ug/l	97
13) Acrolein	3.89	56	13551	90.718	ug/l	96
14) Allyl chloride	4.67	41	83070	20.690	ug/l	99
15) Acrylonitrile	5.37	53	61790	120.963	ug/l	99
16) Acetone	4.12	43	55757	120.403	ug/l	100
17) Carbon Disulfide	4.38	76	161159	21.491	ug/l	98
18) Methyl Acetate	4.67	43	35583	28.031	ug/l	99
19) Methyl tert-butyl Ether	5.42	73	70936	22.639	ug/l	100
20) Methylene Chloride	4.92	84	58094	19.947	ug/l	96
21) trans-1,2-Dichloroethene	5.42	96	57720	20.539	ug/l	96
22) Diisopropyl ether	6.31	45	151296	20.658	ug/l	98
23) Vinyl Acetate	6.26	43	455081	107.089	ug/l	99
24) 1,1-Dichloroethane	6.21	63	96055	20.709	ug/l	98
25) 2-Butanone	7.17	43	82300	123.616	ug/l	95
26) 2,2-Dichloropropane	7.17	77	57621	21.483	ug/l	95
27) cis-1,2-Dichloroethene	7.17	96	60191	20.165	ug/l	96
28) Bromochloromethane	7.51	49	26236	16.791	ug/l #	7
29) Tetrahydrofuran	7.53	42	52613	127.645	ug/l	99
30) Chloroform	7.68	83	94528	20.616	ug/l	95
31) Cyclohexane	7.95	56	100008	20.603	ug/l	98
32) 1,1,1-Trichloroethane	7.87	97	78857	21.916	ug/l	99
36) 1,1-Dichloropropene	8.08	75	81526	21.475	ug/l	98
37) Ethyl Acetate	7.25	43	34645	23.840	ug/l	97
38) Carbon Tetrachloride	8.07	117	74285	21.729	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	102538	20.915	ug/l	98
40) Benzene	8.32	78	226151	21.049	ug/l	99
41) Methacrylonitrile	7.48	41	21643	23.882	ug/l	97
42) 1,2-Dichloroethane	8.40	62	59065	21.816	ug/l	99
43) Isopropyl Acetate	8.42	43	65258	23.459	ug/l	98
44) Trichloroethene	9.09	130	65259	21.205	ug/l	93
45) 1,2-Dichloropropane	9.37	63	53069	20.680	ug/l	96
46) Dibromomethane	9.46	93	27590	22.151	ug/l	99
47) Bromodichloromethane	9.65	83	66515	20.639	ug/l	99
48) Methyl methacrylate	9.43	41	29134	21.120	ug/l	89
49) 1,4-Dioxane	9.45	88	10646	578.420	ug/l #	93
51) 4-Methyl-2-Pentanone	10.21	43	174328	126.115	ug/l	99
52) Toluene	10.38	92	144301	20.822	ug/l	100
53) t-1,3-Dichloropropene	10.60	75	69367	21.262	ug/l	94
54) cis-1,3-Dichloropropene	10.07	75	83157	20.659	ug/l	98
55) 1,1,2-Trichloroethane	10.79	97	40072	21.587	ug/l	96
56) Ethyl methacrylate	10.65	69	52524	22.616	ug/l	98
57) 1,3-Dichloropropane	10.93	76	70407	22.103	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.92	63	114581	107.199	ug/l	99
59) 2-Hexanone	10.97	43	119756	125.670	ug/l	100
60) Dibromochloromethane	11.13	129	47333	21.476	ug/l	97
61) 1,2-Dibromoethane	11.23	107	39350	22.407	ug/l	99
64) Tetrachloroethene	10.87	164	56604	21.045	ug/l	95
65) Chlorobenzene	11.66	112	150451	20.798	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.73	131	52598	20.834	ug/l	98
67) Ethyl Benzene	11.73	91	268658	20.596	ug/l	99
68) m/p-Xylenes	11.83	106	212265	42.119	ug/l	97
69) o-Xylene	12.16	106	95742	20.668	ug/l	98
70) Styrene	12.18	104	164341	20.649	ug/l	100
71) Bromoform	12.35	173	29704	22.420	ug/l #	97
73) Isopropylbenzene	12.46	105	266800	20.090	ug/l	100
74) N-amyl acetate	12.27	43	58056	22.599	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.71	83	47400	22.618	ug/l	97
76) 1,2,3-Trichloropropane	12.77	75	60460	45.526	ug/l #	100
77) Bromobenzene	12.74	156	64240	20.249	ug/l	98
78) n-propylbenzene	12.80	91	315306	20.513	ug/l	99
79) 2-Chlorotoluene	12.89	91	173012	20.029	ug/l	99
80) 1,3,5-Trimethylbenzene	12.94	105	228121	20.349	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.51	75	16333	23.243	ug/l	99
82) 4-Chlorotoluene	12.99	91	183739	20.261	ug/l	98
83) tert-Butylbenzene	13.21	119	199212	20.019	ug/l	99
84) 1,2,4-Trimethylbenzene	13.25	105	225972	20.434	ug/l	99
85) sec-Butylbenzene	13.38	105	277074	20.362	ug/l	99
86) p-Isopropyltoluene	13.50	119	261009	20.591	ug/l	99
87) 1,3-Dichlorobenzene	13.50	146	128224	20.861	ug/l	98
88) 1,4-Dichlorobenzene	13.58	146	125000	20.470	ug/l	99
89) n-Butylbenzene	13.82	91	234282	20.477	ug/l	99
90) Hexachloroethane	14.09	117	43555	19.768	ug/l	98
91) 1,2-Dichlorobenzene	13.87	146	112762	21.158	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	7541	23.796	ug/l	97

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW110819\
Quantitation Report (Not Reviewed)

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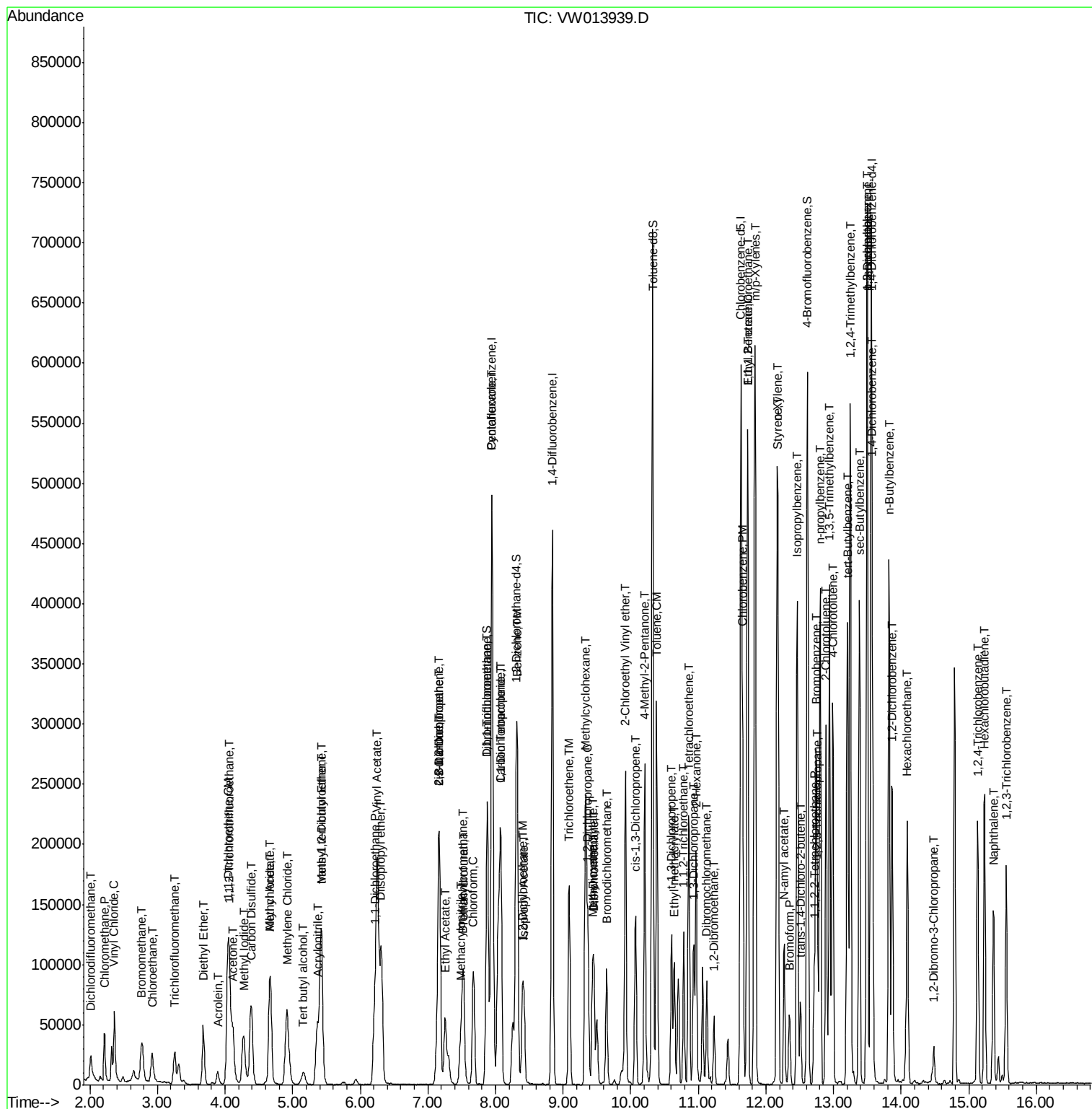
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.13	180	77997	20.109	ug/l	97
94) Hexachlorobutadiene	15.24	225	55618	21.241	ug/l	98
95) Naphthalene	15.36	128	131537	21.630	ug/l	100
96) 1,2,3-Trichlorobenzene	15.55	180	69910	20.918	ug/l	100

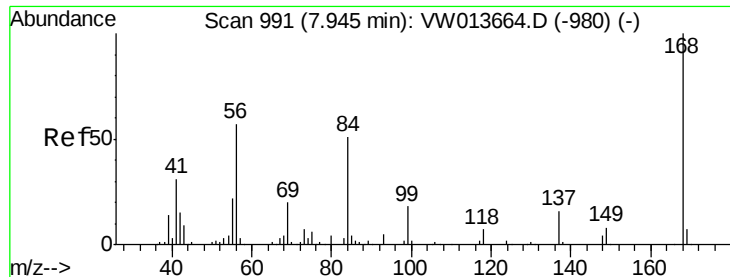
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.00 min

Lab File: VW013939.D

Acq: 08 Nov 2019 12:57

Instrument :

MSVOA_W

ClientSampleId :

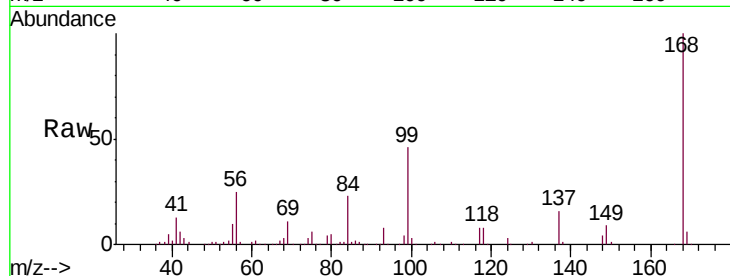
VW1108SBSD01

Tgt Ion: 168 Resp: 291142

Ion Ratio Lower Upper

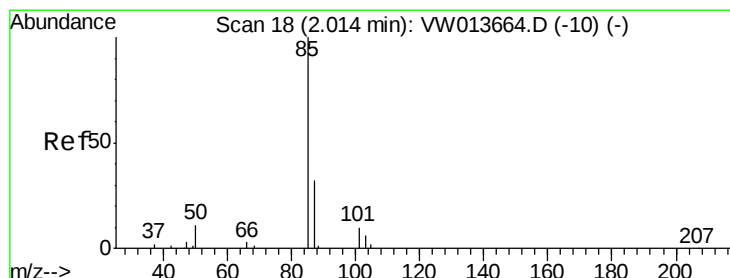
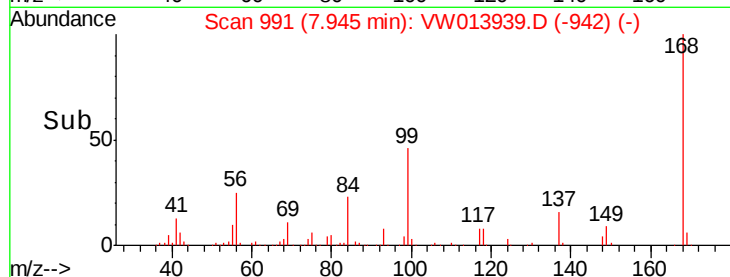
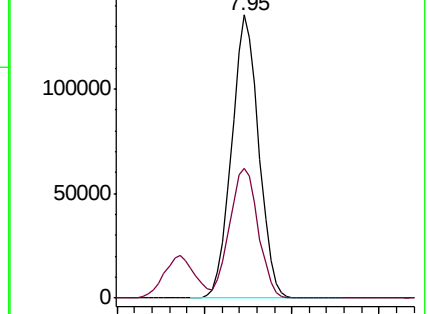
168 100

99 45.9 39.0 58.6



Abundance Ion 167.90 (167.60 to 168.60): VW

Ion 98.90 (98.60 to 99.60): VW



#2

Dichlorodifluoromethane

Concen: 22.921 ug/l

RT: 2.01 min Scan# 18

Delta R.T. -0.00 min

Lab File: VW013939.D

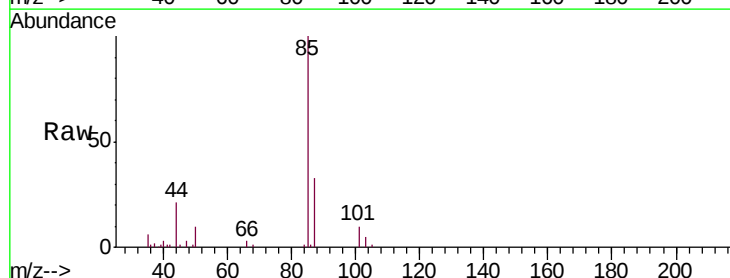
Acq: 08 Nov 2019 12:57

Tgt Ion: 85 Resp: 35156

Ion Ratio Lower Upper

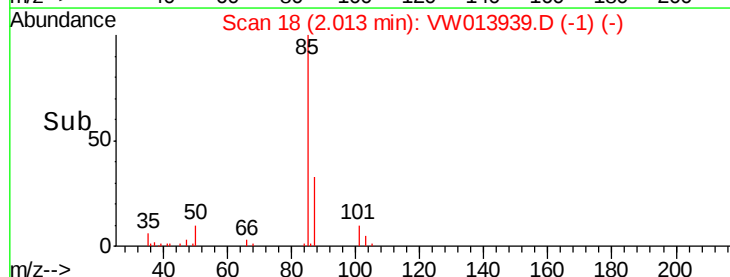
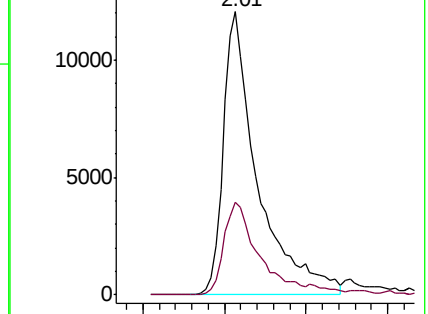
85 100

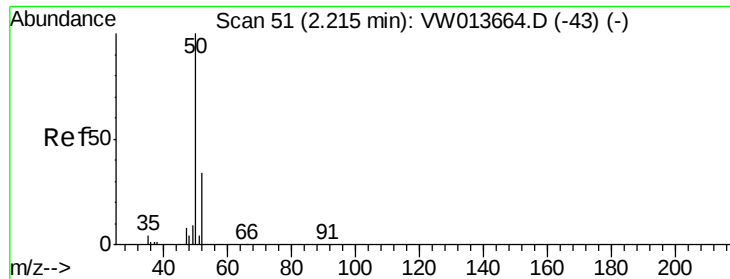
87 32.9 16.0 48.0



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW





#3

Chloromethane

Concen: 22.981 ug/l

RT: 2.21 min Scan# 51

Delta R.T. -0.00 min

Lab File: VW013939.D

Acq: 08 Nov 2019 12:57

Instrument :

MSVOA_W

ClientSampleId :

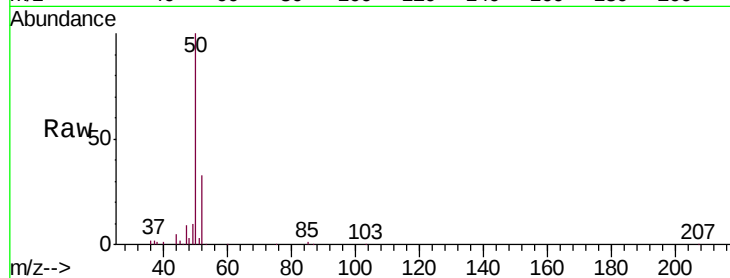
VW1108SBSD01

Tgt Ion: 50 Resp: 37882

Ion Ratio Lower Upper

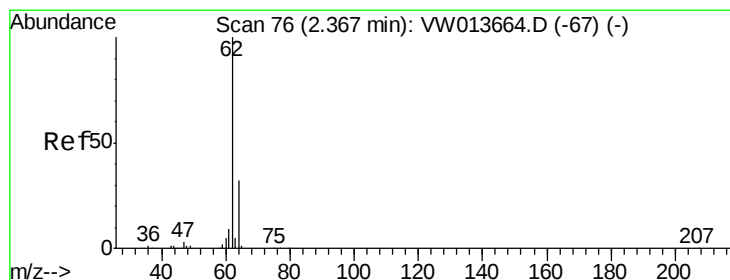
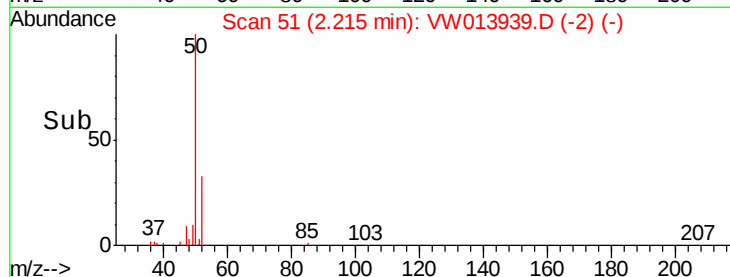
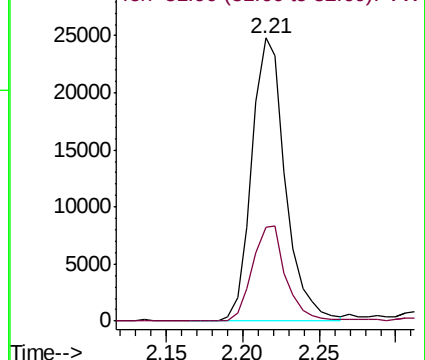
50 100

52 33.4 26.9 40.3



Abundance Ion 49.90 (49.60 to 50.60): VW

Ion 51.90 (51.60 to 52.60): VW



#4

Vinyl Chloride

Concen: 23.050 ug/l

RT: 2.36 min Scan# 75

Delta R.T. -0.01 min

Lab File: VW013939.D

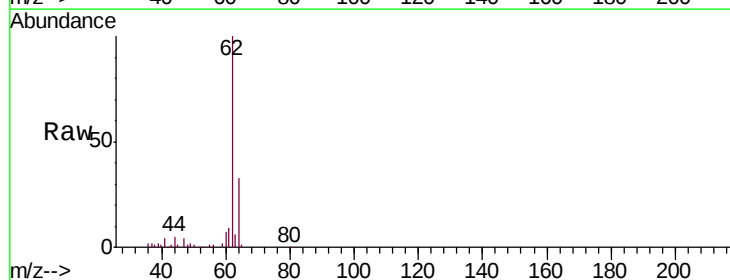
Acq: 08 Nov 2019 12:57

Tgt Ion: 62 Resp: 57381

Ion Ratio Lower Upper

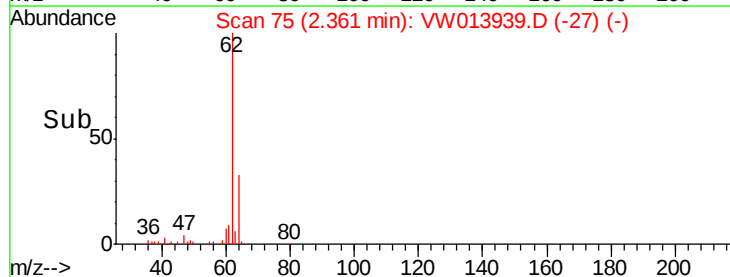
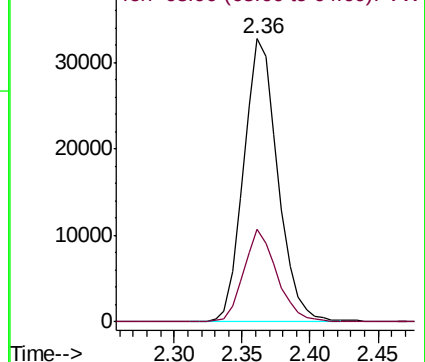
62 100

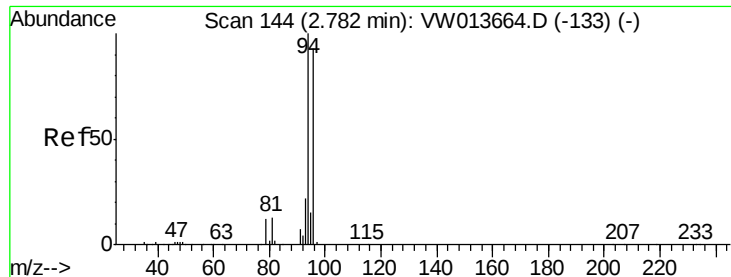
64 32.7 25.5 38.3



Abundance Ion 61.90 (61.60 to 62.60): VW

Ion 63.90 (63.60 to 64.60): VW





#5

Bromomethane

Concen: 22.123 ug/l

RT: 2.78 min Scan# 143

Delta R.T. -0.01 min

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Acq: 08 Nov 2019 12:57

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ClientSampleId :

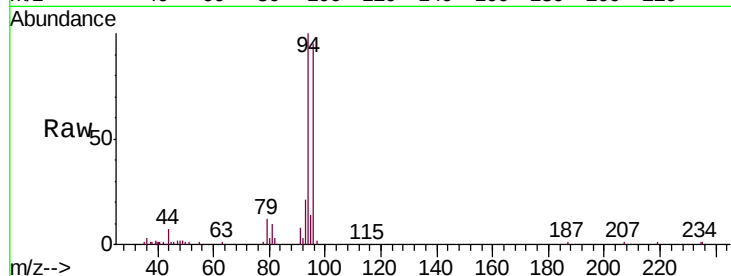
VW1108SBSD01

Tgt Ion: 94 Resp: 36221

Ion Ratio Lower Upper

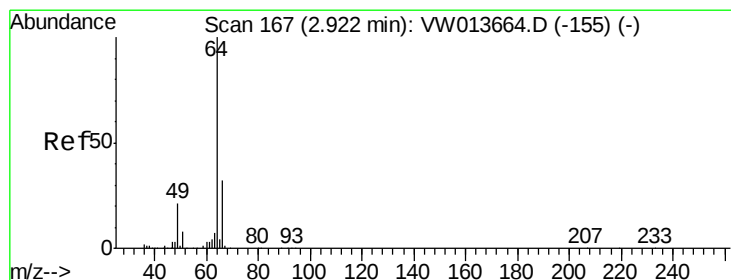
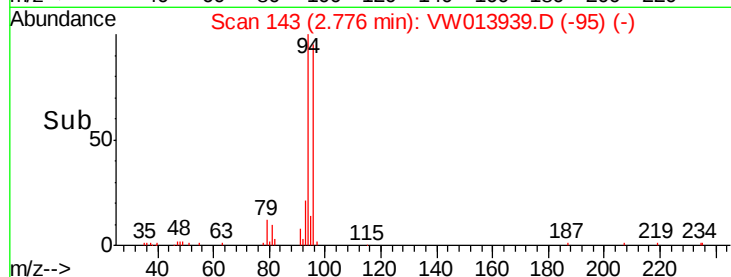
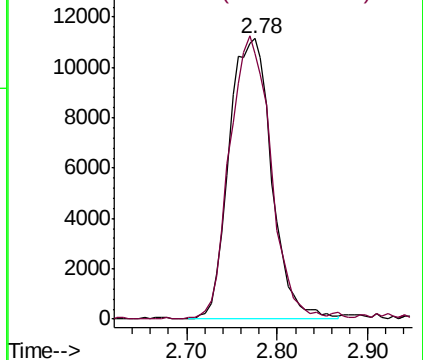
94 100

96 93.8 74.6 112.0



Abundance Ion 93.90 (93.60 to 94.60): VW

Ion 95.90 (95.60 to 96.60): VW



#6

Chloroethane

Concen: 21.710 ug/l

RT: 2.92 min Scan# 167

Delta R.T. -0.00 min

Lab File: VW013939.D

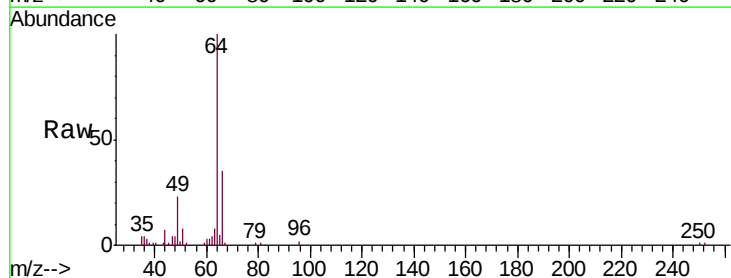
Acq: 08 Nov 2019 12:57

Tgt Ion: 64 Resp: 32703

Ion Ratio Lower Upper

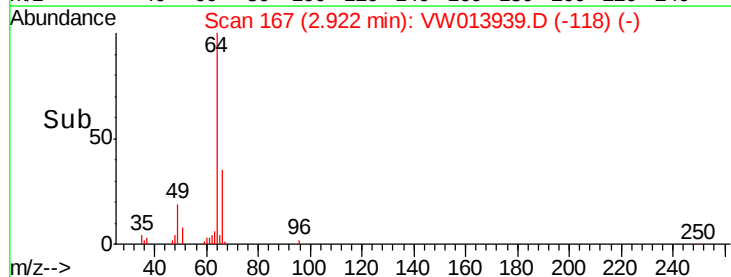
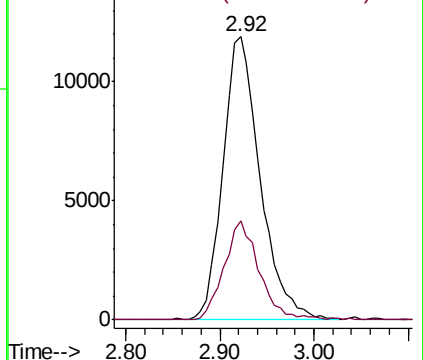
64 100

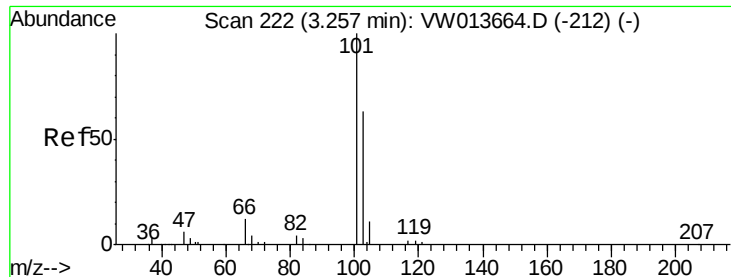
66 35.1 25.4 38.0



Abundance Ion 63.90 (63.60 to 64.60): VW

Ion 65.90 (65.60 to 66.60): VW



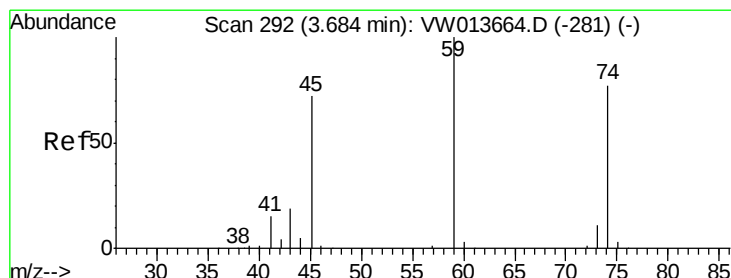
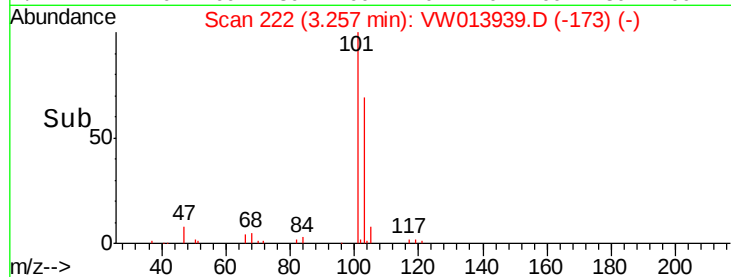
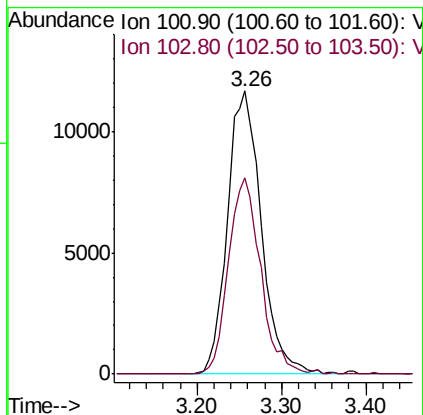
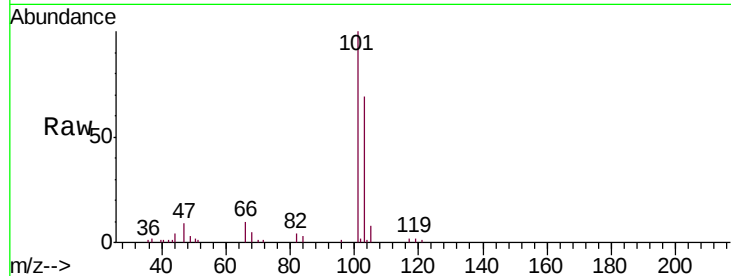


#7

Trichlorofluoromethane
 Concen: 20.425 ug/l
 RT: 3.26 min Scan# 222
 Delta R.T. -0.00 min
 Lab File: VW013939.D
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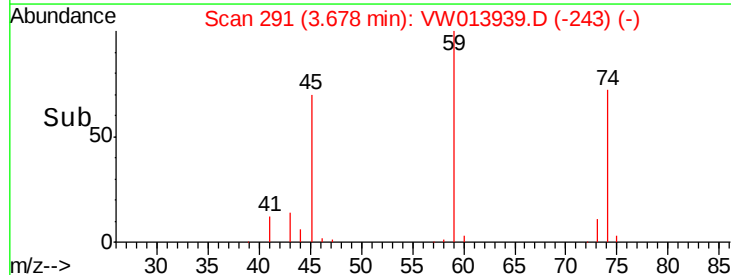
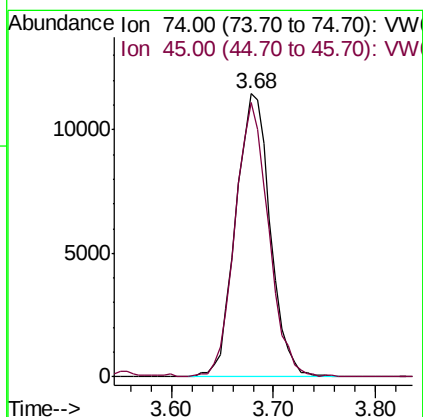
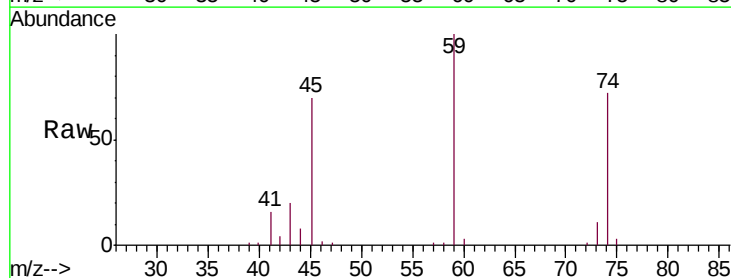
Tgt Ion:101 Resp: 31760
 Ion Ratio Lower Upper
 101 100
 103 69.5 50.6 76.0

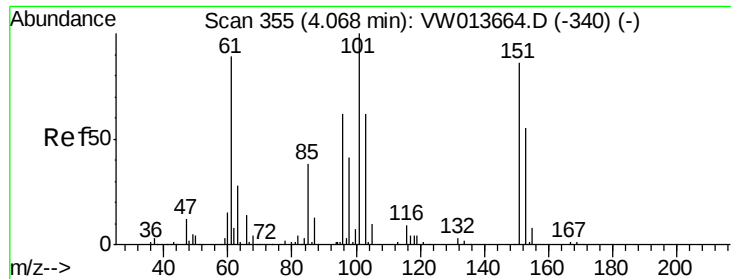


#8

Diethyl Ether
 Concen: 21.363 ug/l
 RT: 3.68 min Scan# 291
 Delta R.T. -0.01 min
 Lab File: VW013939.D
 Acq: 08 Nov 2019 12:57

Tgt Ion: 74 Resp: 26837
 Ion Ratio Lower Upper
 74 100
 45 94.3 47.9 143.6





#9

1,1,2-Trichlorotrifluoroethane

Concen: 21.514 ug/l

RT: 4.07 min Scan# 355

Delta R.T. -0.00 min

Lab File: VW013939.D

Acq: 08 Nov 2019 12:57

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MSVOA_W

ClientSampleId :

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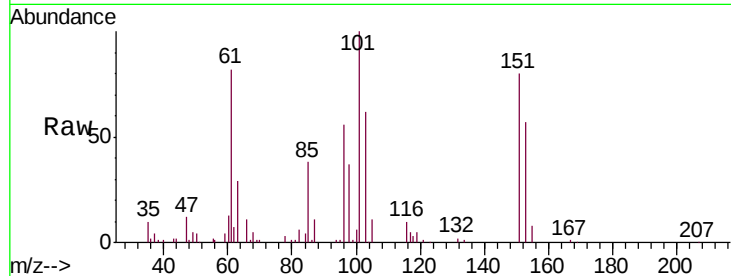
Tgt Ion:101 Resp: 54382

Ion Ratio Lower Upper

101 100

85 40.7 31.0 46.6

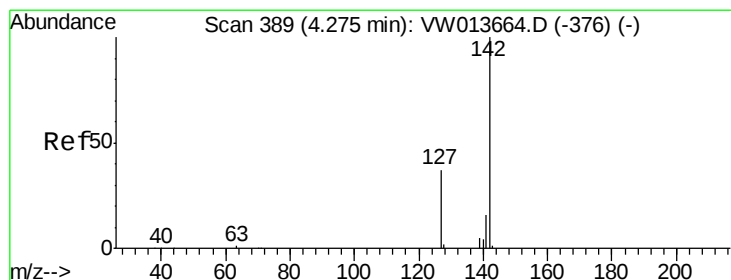
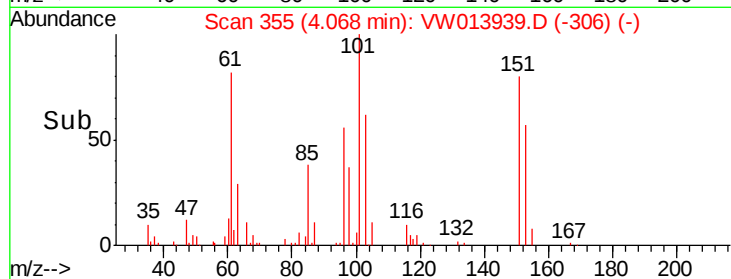
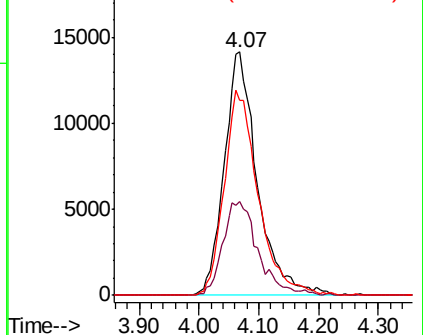
151 86.8 68.2 102.4



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VW

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 20.525 ug/l

RT: 4.28 min Scan# 389

Delta R.T. -0.00 min

Lab File: VW013939.D

Acq: 08 Nov 2019 12:57

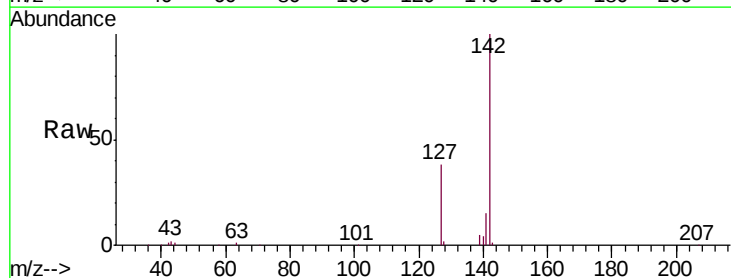
Tgt Ion:142 Resp: 84544

Ion Ratio Lower Upper

142 100

127 38.7 30.3 45.5

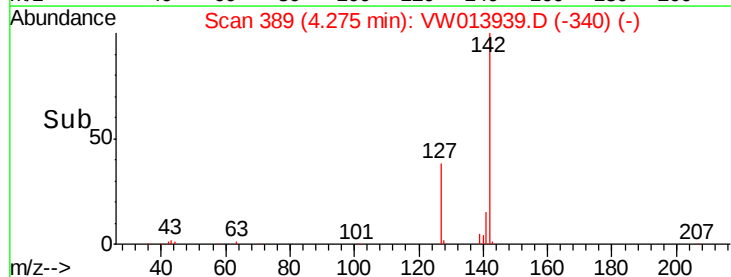
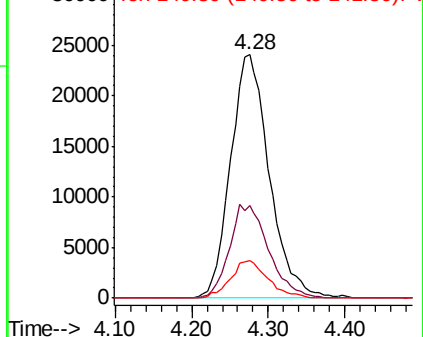
141 14.9 11.8 17.8

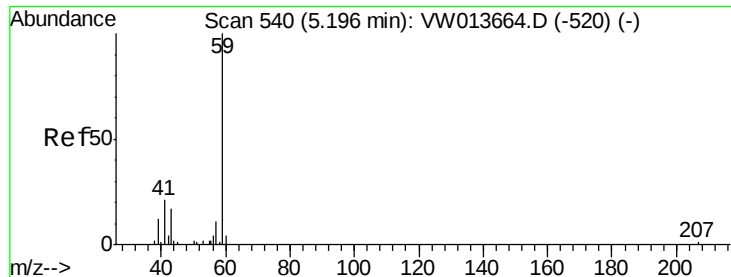


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



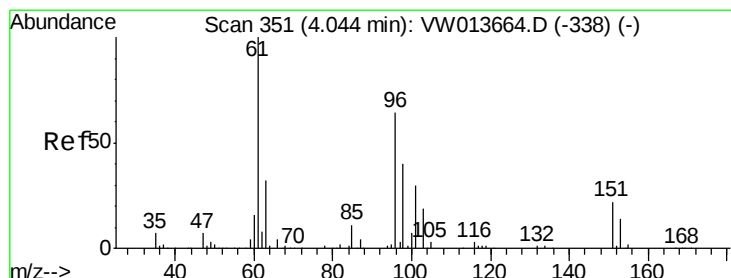
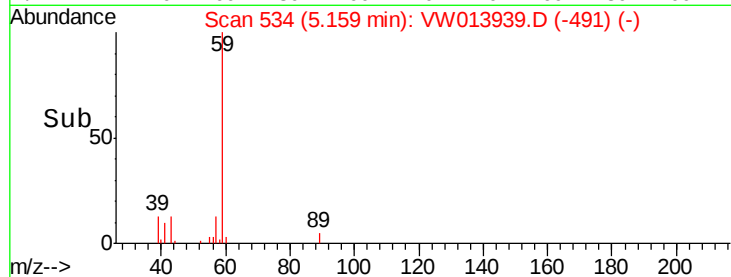
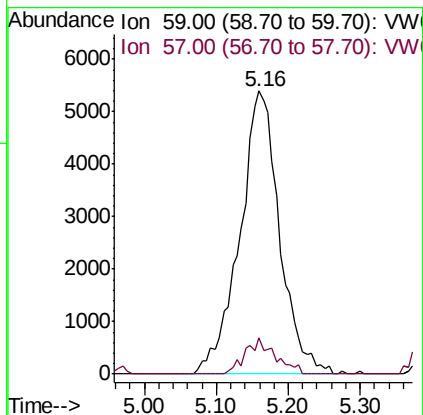
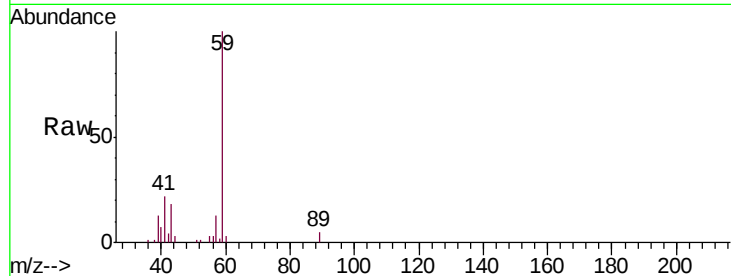


#11

Tert butyl alcohol
 Concen: 159.032 ug/l
 RT: 5.16 min Scan# 534
 Delta R.T. -0.04 min
 Lab File: VW013939.D
 Acq: 08 Nov 2019 12:57

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1108SBS01

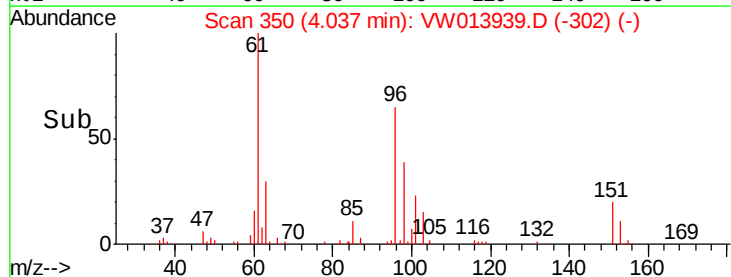
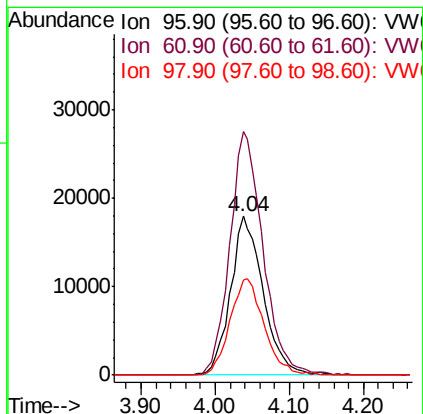
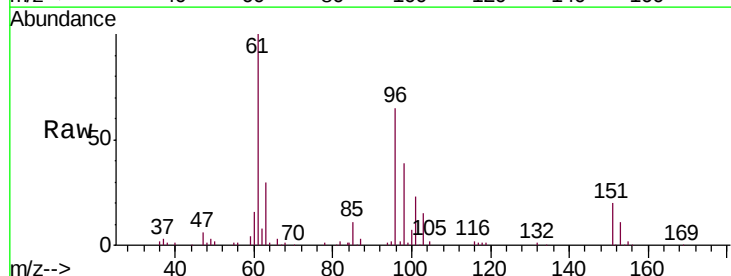
Tgt Ion: 59 Resp: 20735
 Ion Ratio Lower Upper
 59 100
 57 9.6 8.8 13.2

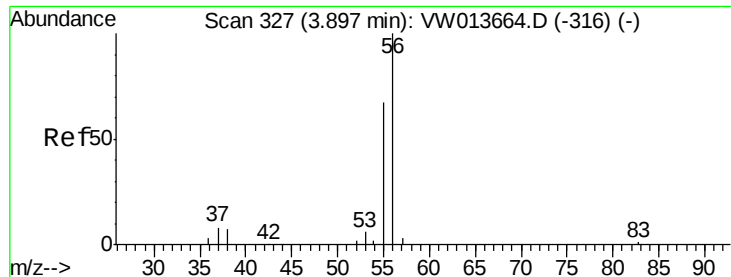


#12

1,1-Dichloroethene
 Concen: 21.181 ug/l
 RT: 4.04 min Scan# 350
 Delta R.T. -0.01 min
 Lab File: VW013939.D
 Acq: 08 Nov 2019 12:57

Tgt Ion: 96 Resp: 55305
 Ion Ratio Lower Upper
 96 100
 61 153.2 125.0 187.6
 98 60.1 50.3 75.5





#13

Acrolein

Concen: 90.718 ug/l

RT: 3.89 min Scan# 326

Delta R.T. -0.01 min

Lab File: VW013939.D

Acq: 08 Nov 2019 12:57

Instrument :

MSVOA_W

ClientSampleId :

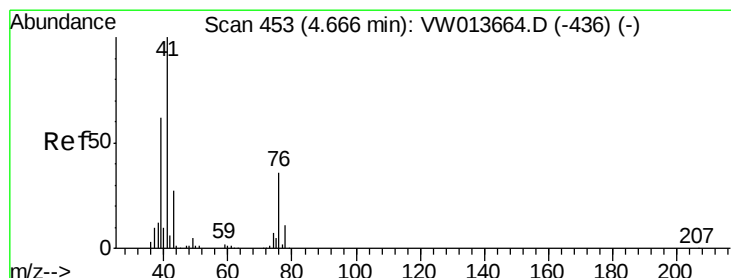
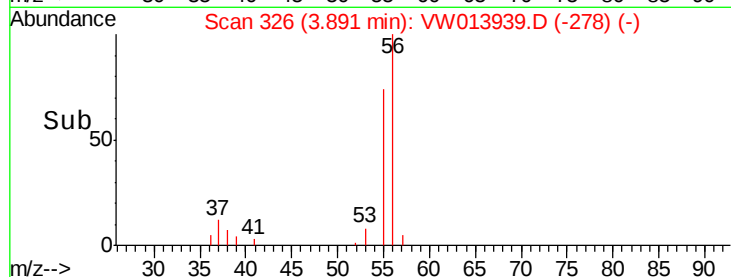
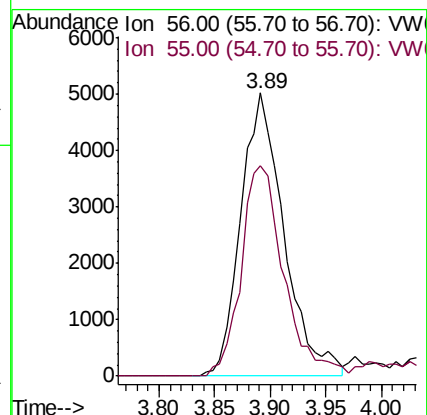
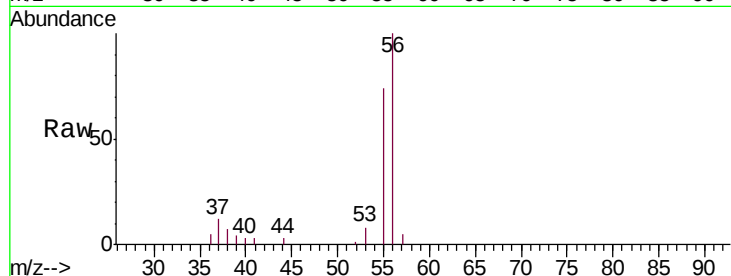
VW1108SBSD01

Tgt Ion: 56 Resp: 13551

Ion Ratio Lower Upper

56 100

55 73.0 56.1 84.1



#14

Allyl chloride

Concen: 20.690 ug/l

RT: 4.67 min Scan# 453

Delta R.T. -0.00 min

Lab File: VW013939.D

Acq: 08 Nov 2019 12:57

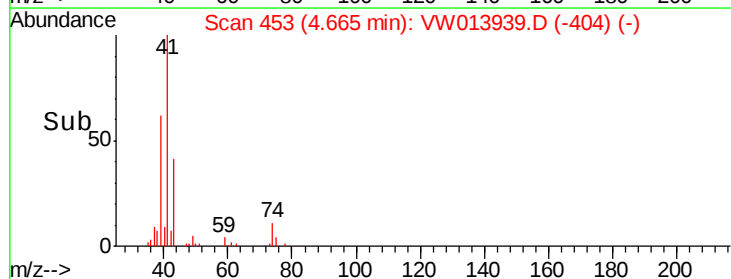
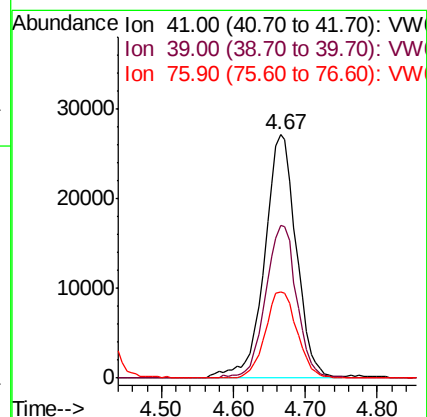
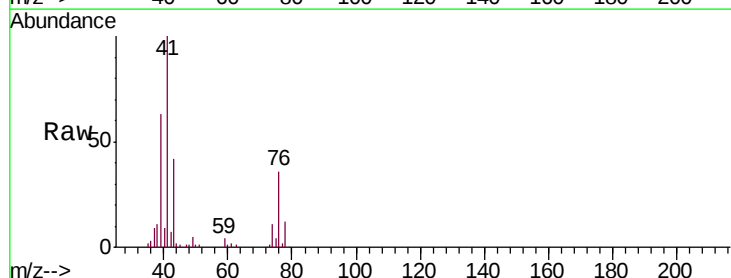
Tgt Ion: 41 Resp: 83070

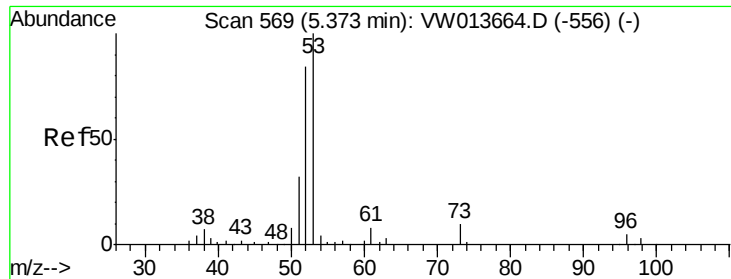
Ion Ratio Lower Upper

41 100

39 61.8 50.0 75.0

76 35.6 29.6 44.4





#15

Acrylonitrile

Concen: 120.963 ug/l

RT: 5.37 min Scan# 568

Delta R.T. -0.01 min

Lab File: VW013939.D

Acq: 08 Nov 2019 12:57

Instrument :

MSVOA_W

ClientSampleId :

VW1108SBS01

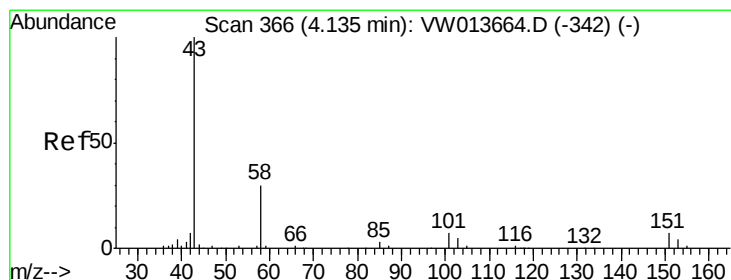
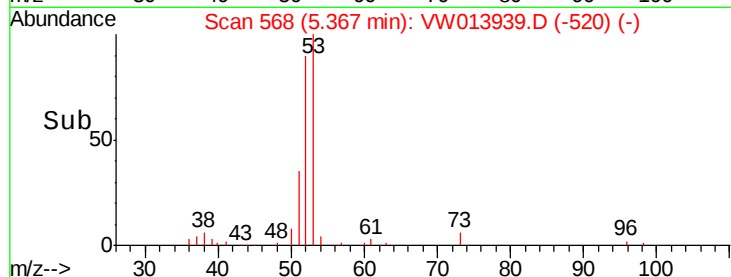
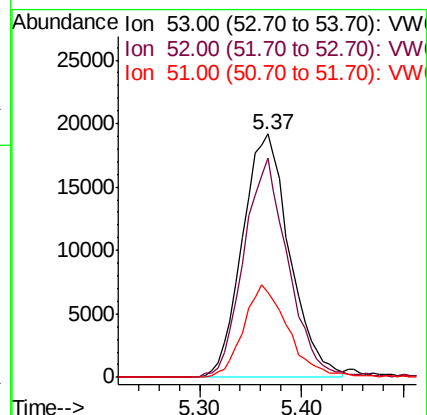
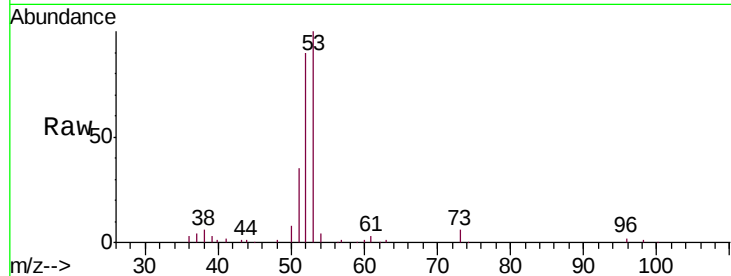
Tgt Ion: 53 Resp: 61790

Ion Ratio Lower Upper

53 100

52 84.8 67.4 101.0

51 35.9 29.1 43.7



#16

Acetone

Concen: 120.403 ug/l

RT: 4.12 min Scan# 363

Delta R.T. -0.02 min

Lab File: VW013939.D

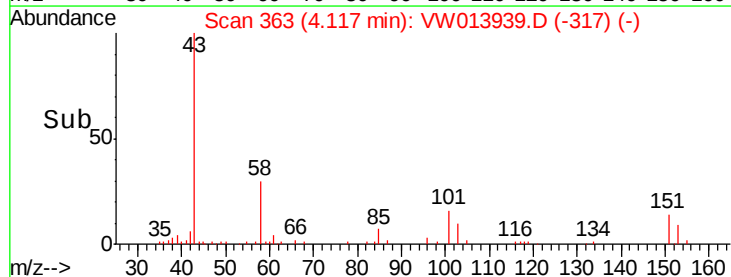
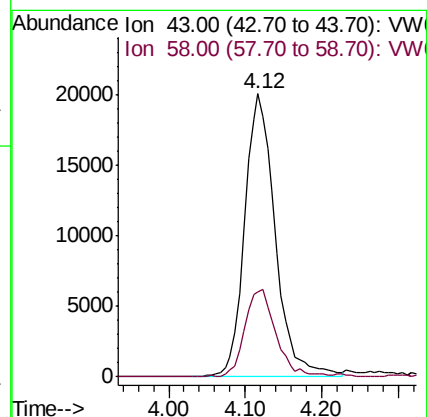
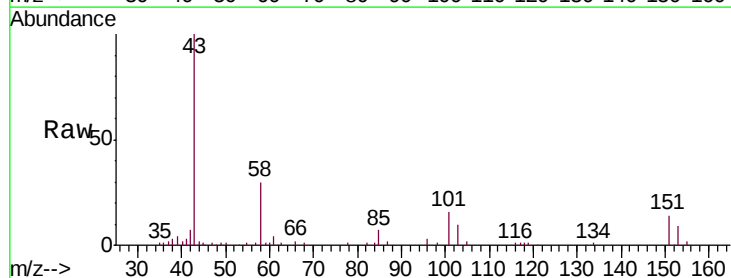
Acq: 08 Nov 2019 12:57

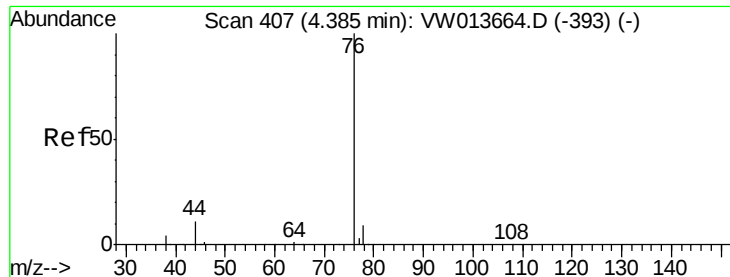
Tgt Ion: 43 Resp: 55757

Ion Ratio Lower Upper

43 100

58 30.1 24.1 36.1

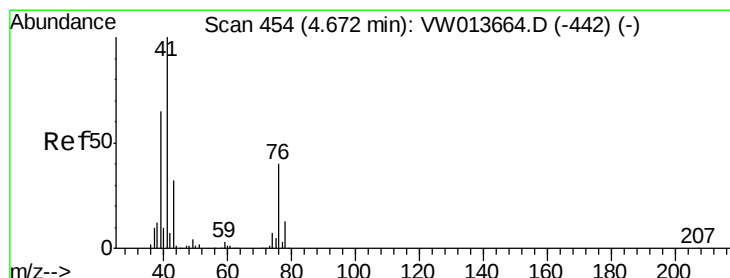
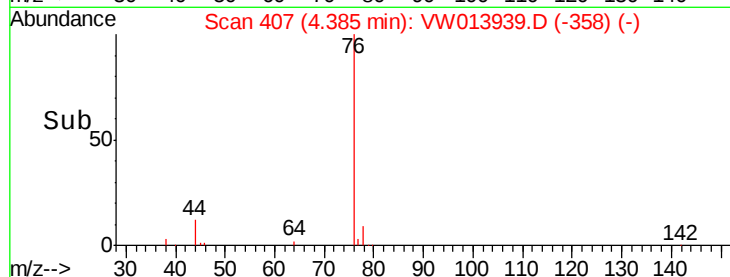
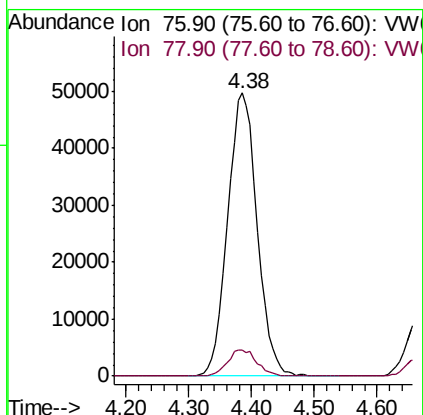
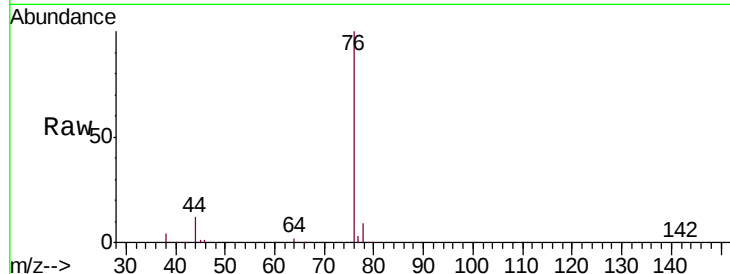




#17
Carbon Disulfide
Concen: 21.491 ug/l
RT: 4.38 min Scan# 407
Delta R.T. -0.00 min
Lab File: VW013939.D
Acq: 08 Nov 2019 12:57

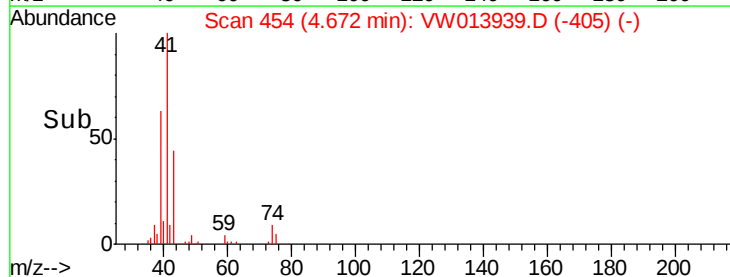
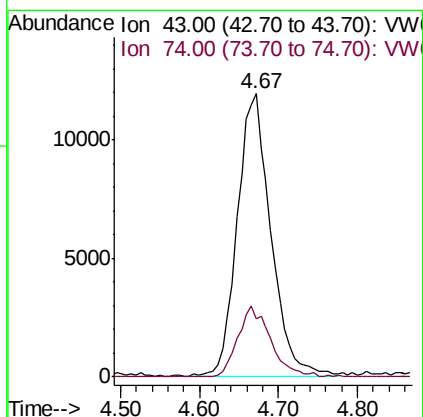
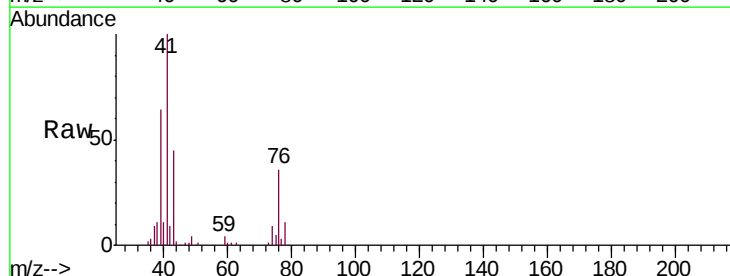
Instrument :
MSVOA_W
ClientSampleId :
VW1108SBSD01

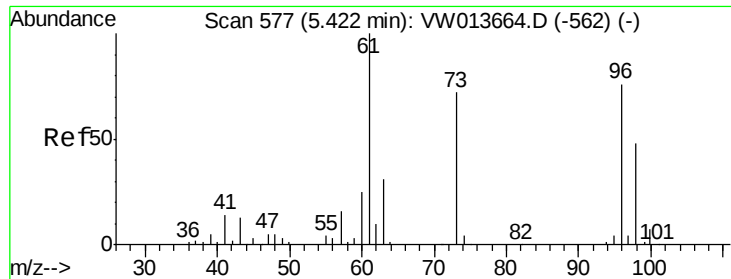
Tgt Ion: 76 Resp: 161159
Ion Ratio Lower Upper
76 100
78 9.4 7.0 10.6



#18
Methyl Acetate
Concen: 28.031 ug/l
RT: 4.67 min Scan# 454
Delta R.T. -0.00 min
Lab File: VW013939.D
Acq: 08 Nov 2019 12:57

Tgt Ion: 43 Resp: 35583
Ion Ratio Lower Upper
43 100
74 24.3 19.8 29.8

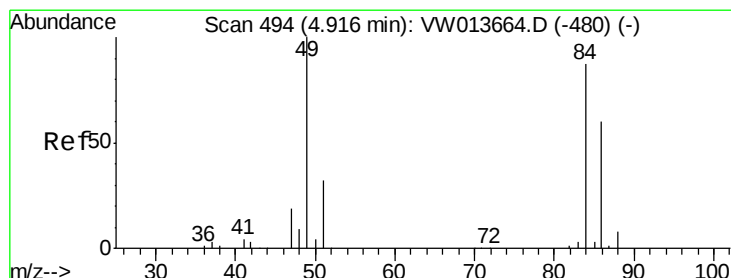
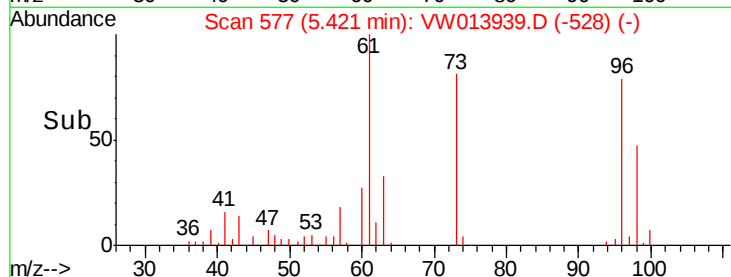
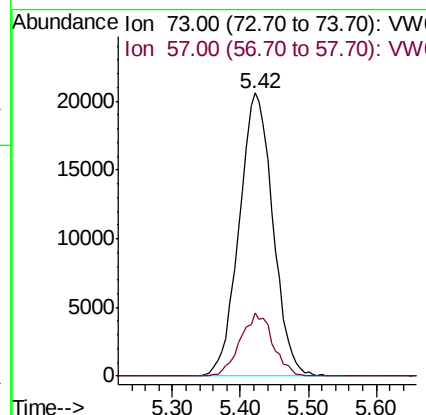
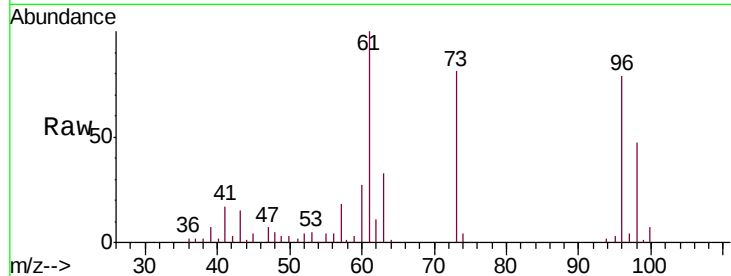




#19
Methyl tert-butyl Ether
Concen: 22.639 ug/l
RT: 5.42 min Scan# 577
Delta R.T. -0.00 min
Lab File: VW013939.D
Acq: 08 Nov 2019 12:57

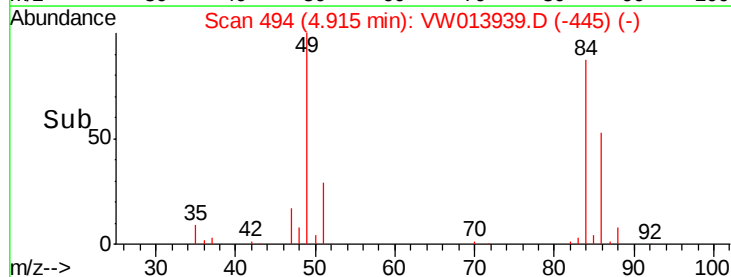
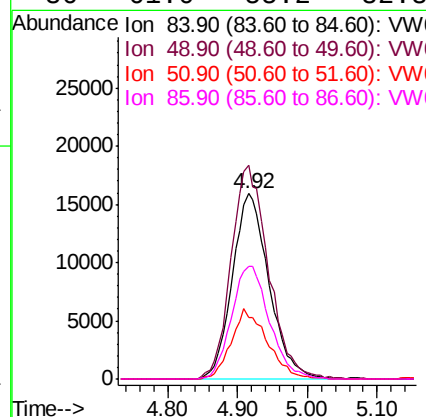
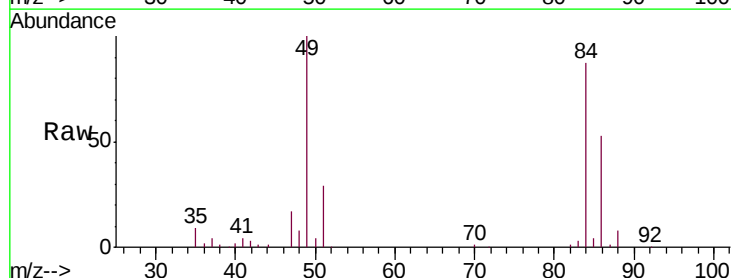
Instrument :
MSVOA_W
ClientSampleId :
VW1108SBSD01

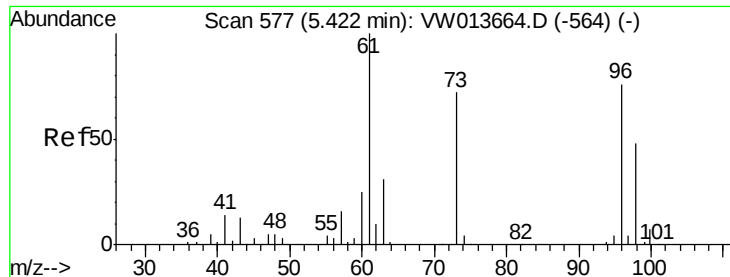
Tgt Ion: 73 Resp: 70936
Ion Ratio Lower Upper
73 100
57 22.2 17.6 26.4



#20
Methylene Chloride
Concen: 19.947 ug/l
RT: 4.92 min Scan# 494
Delta R.T. 0.00 min
Lab File: VW013939.D
Acq: 08 Nov 2019 12:57

Tgt Ion: 84 Resp: 58094
Ion Ratio Lower Upper
84 100
49 115.2 91.8 137.6
51 33.4 29.8 44.6
86 61.0 55.2 82.8





#21

trans-1,2-Dichloroethene

Concen: 20.539 ug/l

RT: 5.42 min Scan# 577

Delta R.T. -0.00 min

Lab File: VW013939.D

Acq: 08 Nov 2019 12:57

Instrument :

MSVOA_W

ClientSampleId :

VW1108SBSD01

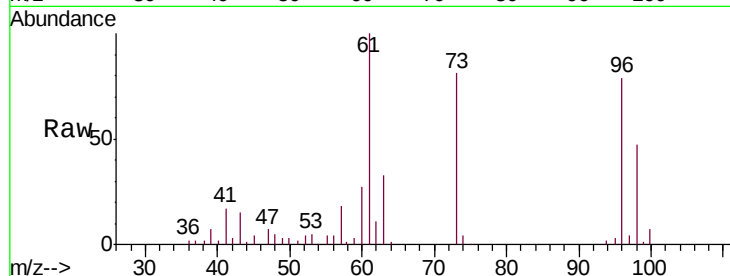
Tgt Ion: 96 Resp: 57720

Ion Ratio Lower Upper

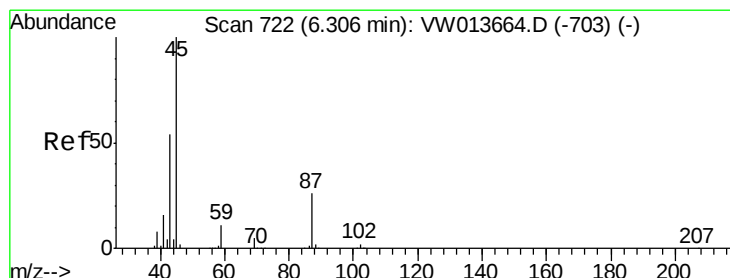
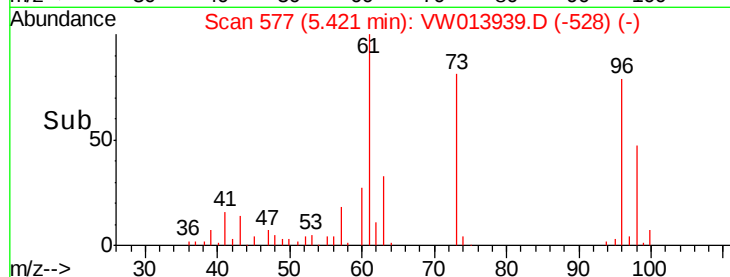
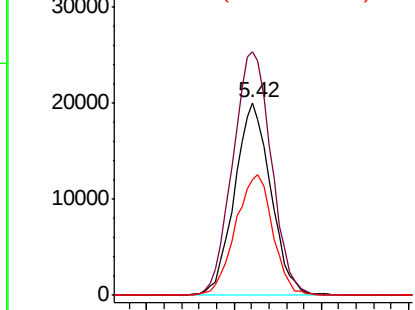
96 100

61 126.4 104.8 157.2

98 60.0 50.6 76.0



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



#22

Diisopropyl ether

Concen: 20.658 ug/l

RT: 6.31 min Scan# 722

Delta R.T. -0.00 min

Lab File: VW013939.D

Acq: 08 Nov 2019 12:57

Tgt Ion: 45 Resp: 151296

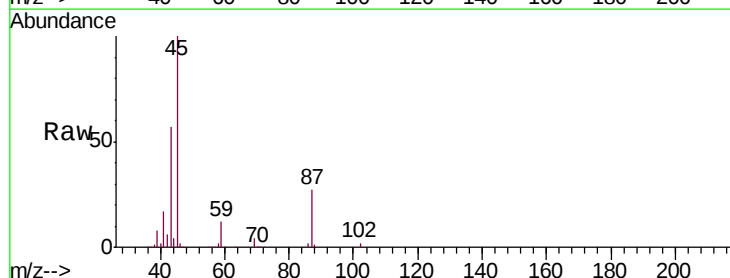
Ion Ratio Lower Upper

45 100

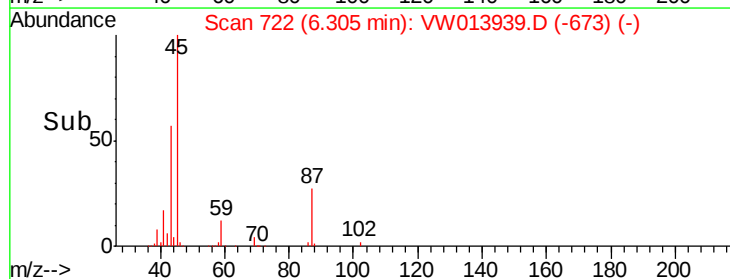
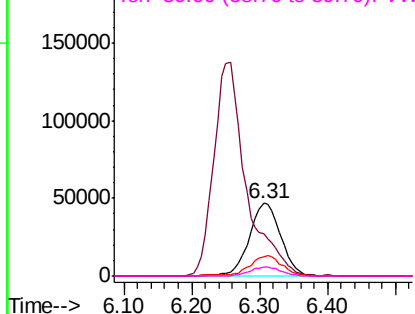
43 56.6 43.4 65.2

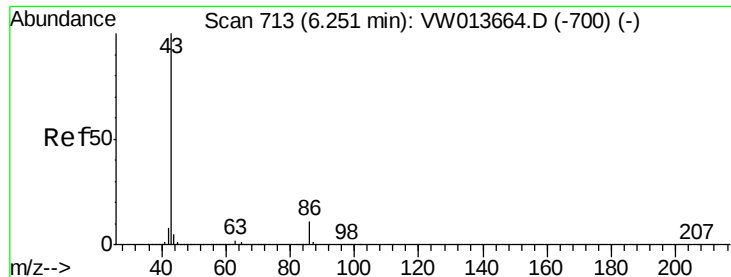
87 27.1 21.5 32.3

59 11.8 9.2 13.8



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

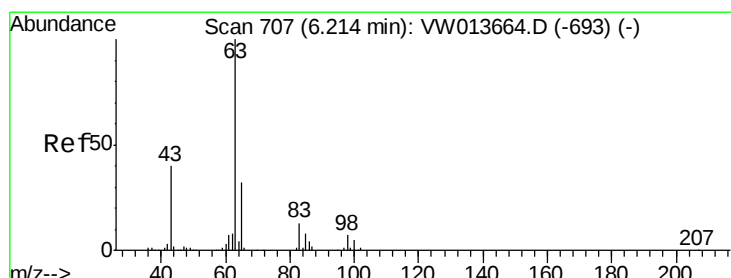
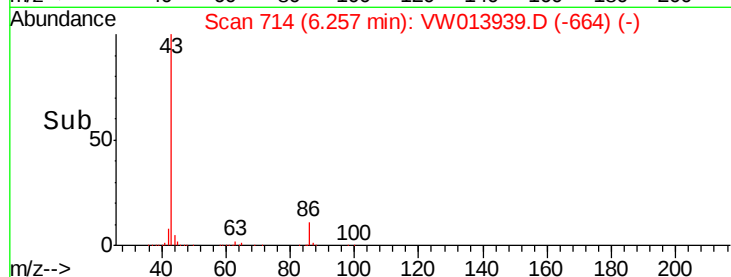
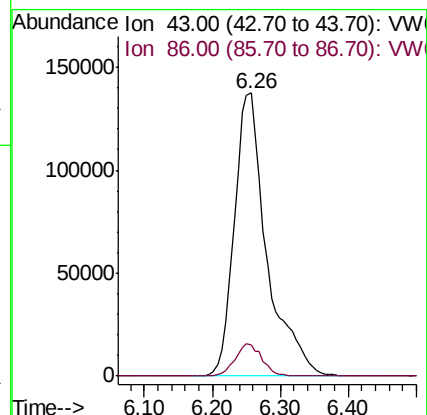
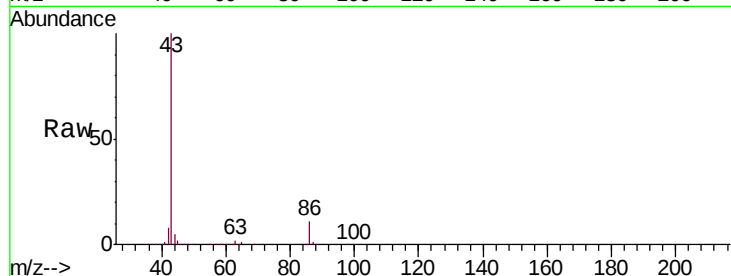




#23
 Vinyl Acetate
 Concen: 107.089 ug/l
 RT: 6.26 min Scan# 714
 Delta R.T. 0.01 min
 Lab File: VW013939.D
 Acq: 08 Nov 2019 12:57

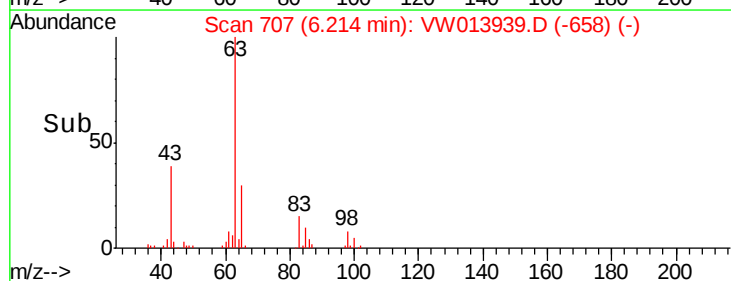
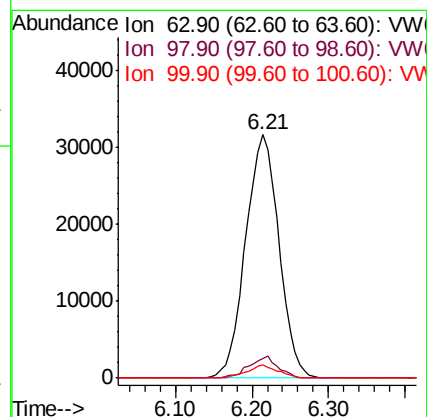
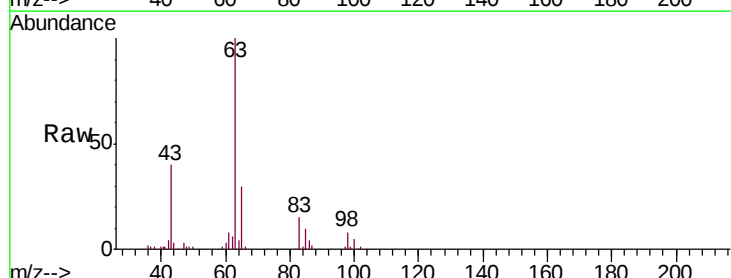
Instrument :
 MSVOA_W
 ClientSampleId :
 VW1108SBSD01

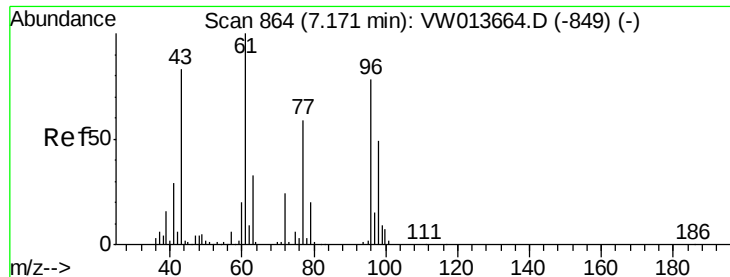
Tgt Ion: 43 Resp: 455081
 Ion Ratio Lower Upper
 43 100
 86 11.1 9.0 13.6



#24
 1,1-Dichloroethane
 Concen: 20.709 ug/l
 RT: 6.21 min Scan# 707
 Delta R.T. -0.00 min
 Lab File: VW013939.D
 Acq: 08 Nov 2019 12:57

Tgt Ion: 63 Resp: 96055
 Ion Ratio Lower Upper
 63 100
 98 8.2 3.6 10.9
 100 5.5 2.5 7.4





#25

2-Butanone

Concen: 123.616 ug/l

RT: 7.17 min Scan# 864

Delta R.T. -0.00 min

Lab File: VW013939.D

Acq: 08 Nov 2019 12:57

Instrument :

MSVOA_W

ClientSampleId :

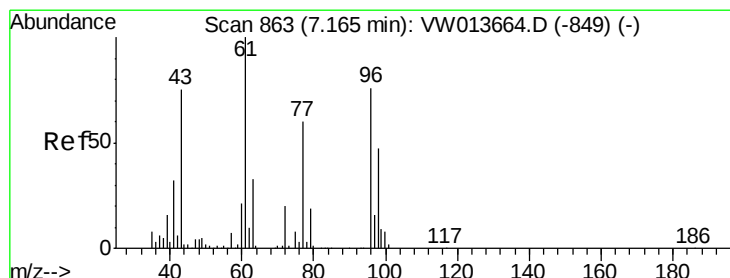
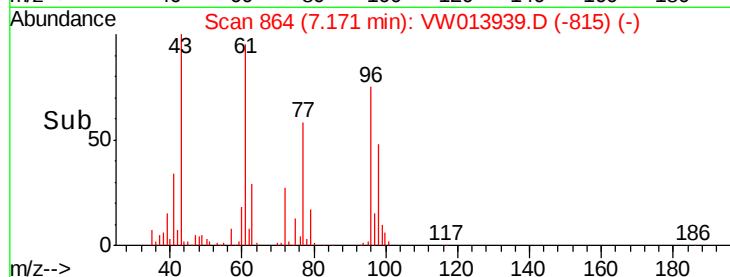
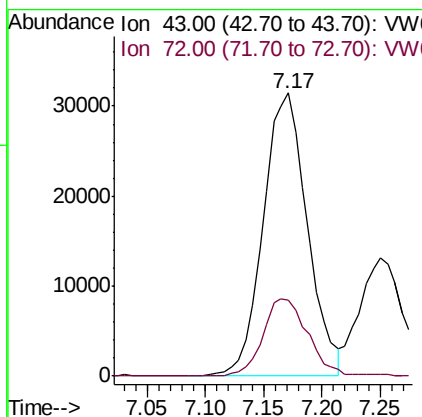
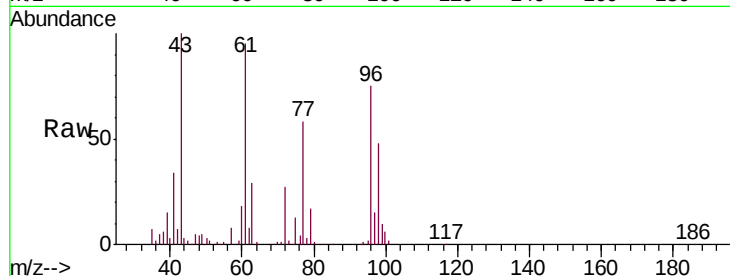
VW1108SBS01

Tgt Ion: 43 Resp: 82300

Ion Ratio Lower Upper

43 100

72 26.7 23.6 35.4



#26

2,2-Dichloropropane

Concen: 21.483 ug/l

RT: 7.17 min Scan# 863

Delta R.T. -0.00 min

Lab File: VW013939.D

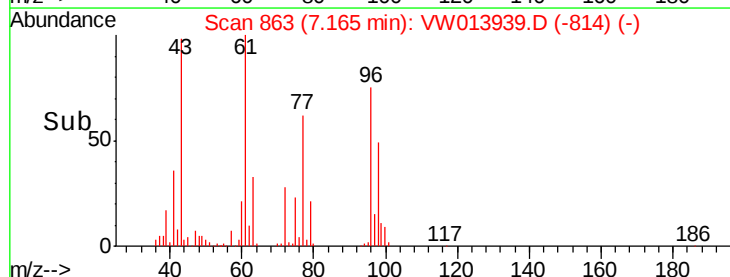
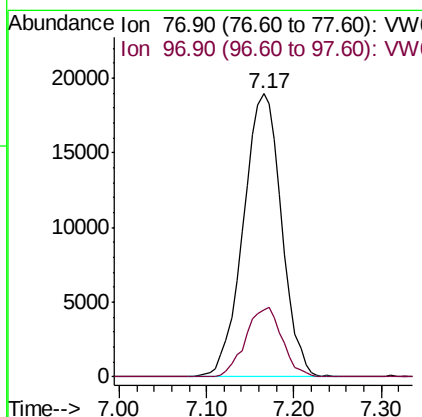
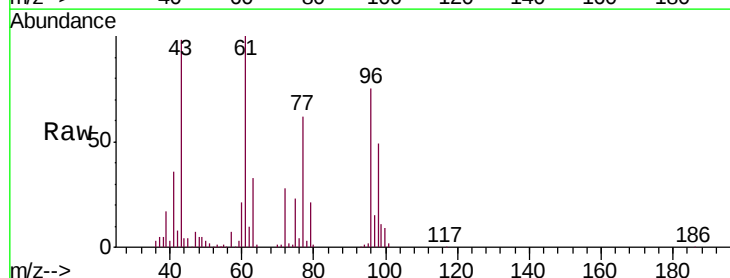
Acq: 08 Nov 2019 12:57

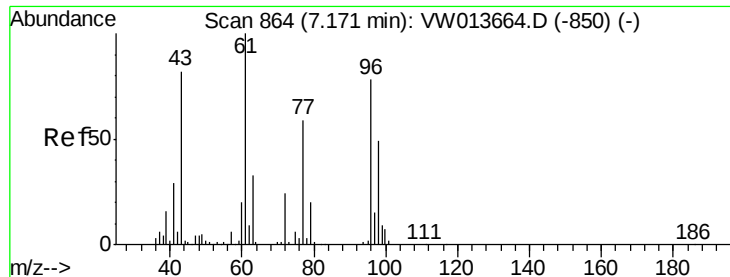
Tgt Ion: 77 Resp: 57621

Ion Ratio Lower Upper

77 100

97 23.3 12.8 38.4



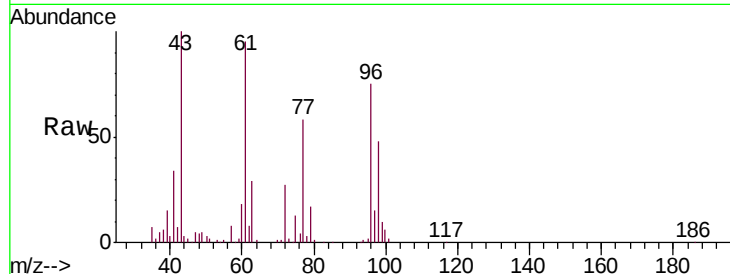


#27

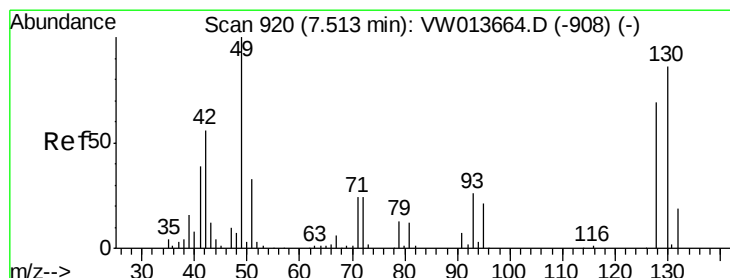
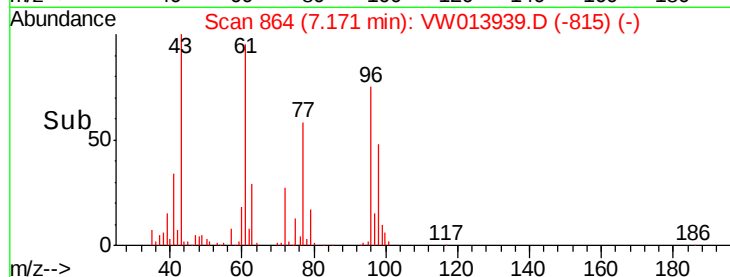
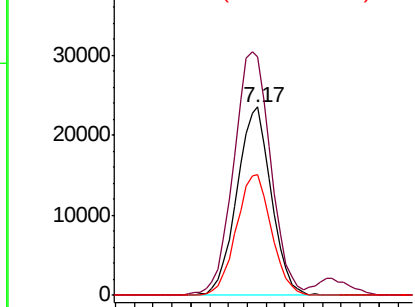
cis-1,2-Dichloroethene
Concen: 20.165 ug/l
RT: 7.17 min Scan# 864
Delta R.T. -0.00 min
Lab File: VW013939.D
Acq: 08 Nov 2019 12:57

Instrument :
MSVOA_W
ClientSampleId :
VW1108SBSD01

Tgt Ion: 96 Resp: 60191
Ion Ratio Lower Upper
96 100
61 139.3 0.0 266.0
98 65.5 0.0 126.8



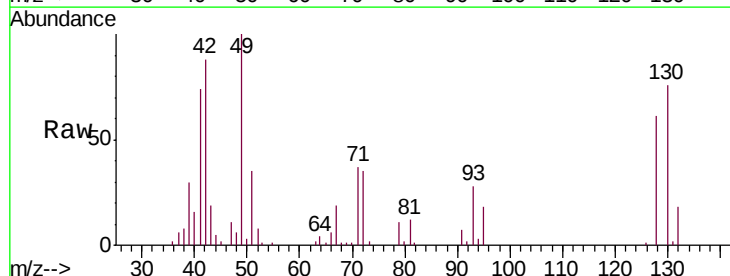
Abundance Ion 95.90 (95.60 to 96.60): VW
Ion 60.90 (60.60 to 61.60): VW
Ion 97.90 (97.60 to 98.60): VW



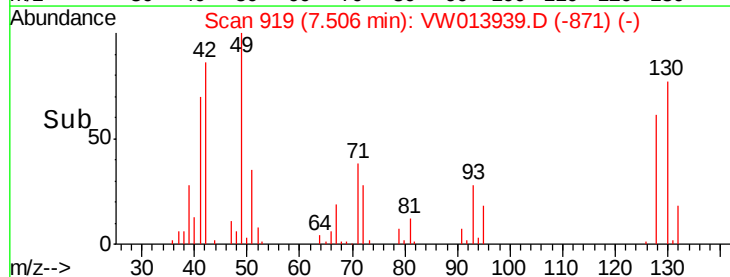
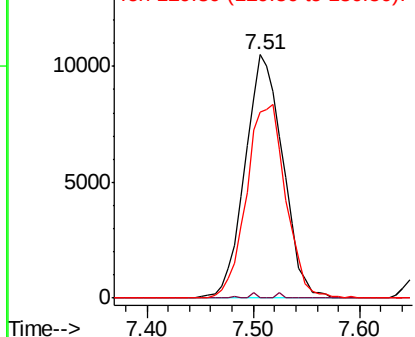
#28

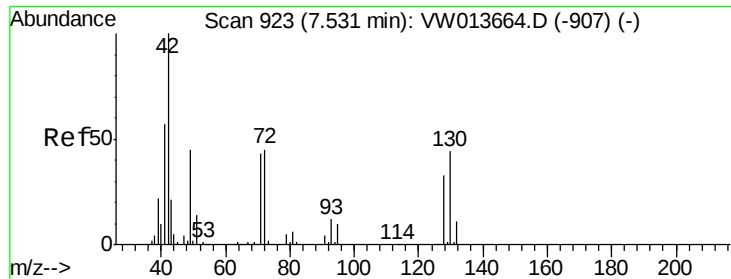
Bromochloromethane
Concen: 16.791 ug/l
RT: 7.51 min Scan# 919
Delta R.T. -0.01 min
Lab File: VW013939.D
Acq: 08 Nov 2019 12:57

Tgt Ion: 49 Resp: 26236
Ion Ratio Lower Upper
49 100
129 0.5 0.0 0.6
130 0.0 67.5 101.3#



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

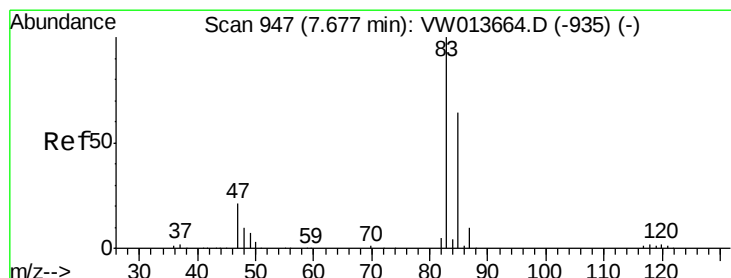
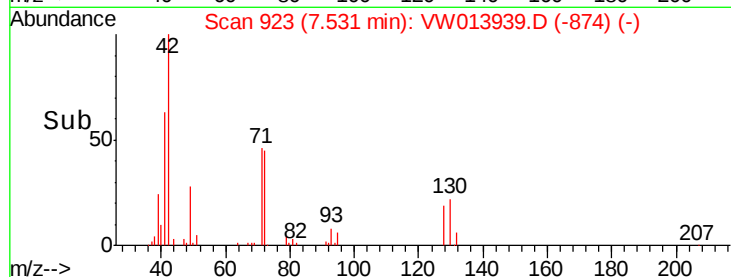
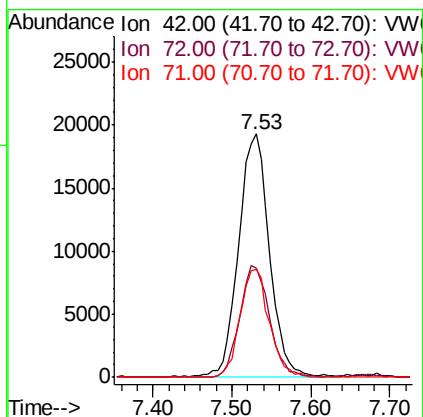
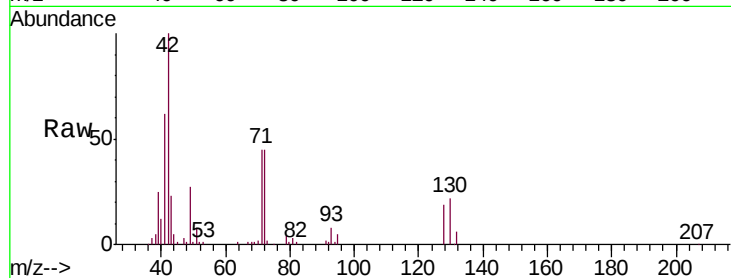




#29
Tetrahydrofuran
Concen: 127.645 ug/l
RT: 7.53 min Scan# 923
Delta R.T. -0.00 min
Lab File: VW013939.D
Acq: 08 Nov 2019 12:57

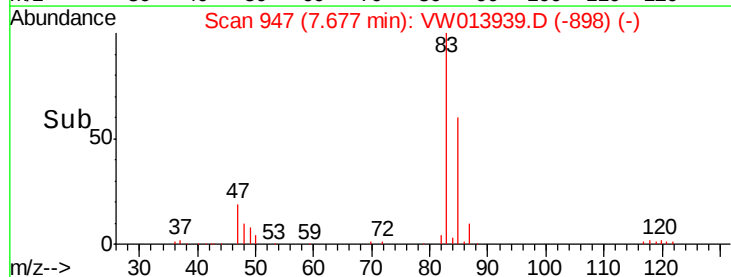
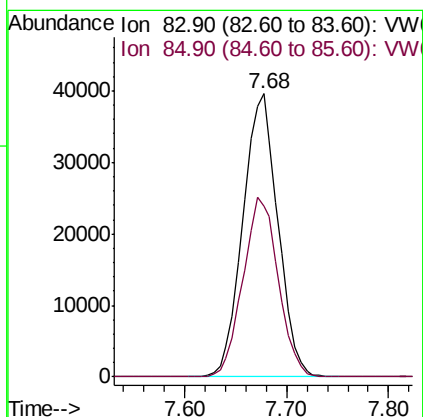
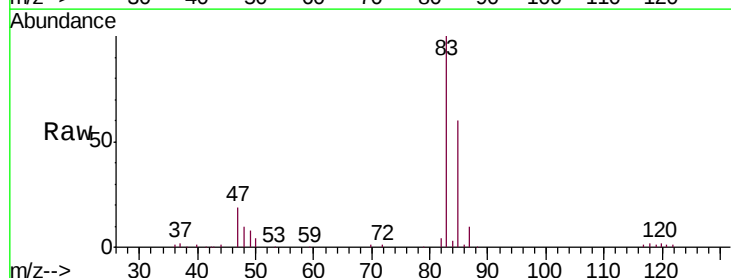
Instrument :
MSVOA_W
ClientSampleId :
VW1108SBS01

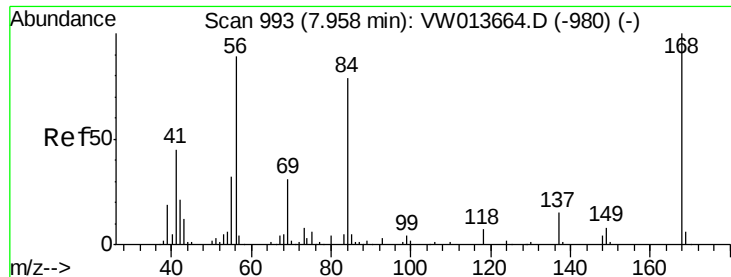
Tgt Ion: 42 Resp: 52613
Ion Ratio Lower Upper
42 100
72 44.3 35.3 52.9
71 42.1 33.3 49.9



#30
Chloroform
Concen: 20.616 ug/l
RT: 7.68 min Scan# 947
Delta R.T. -0.00 min
Lab File: VW013939.D
Acq: 08 Nov 2019 12:57

Tgt Ion: 83 Resp: 94528
Ion Ratio Lower Upper
83 100
85 60.2 51.4 77.2

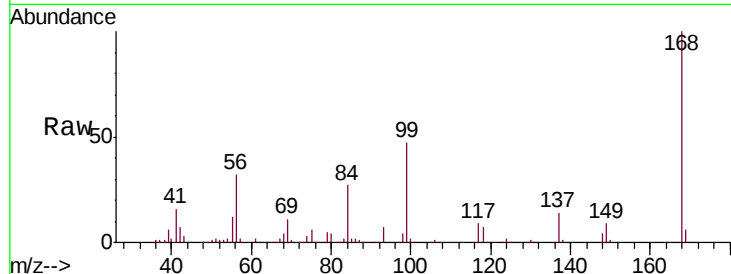




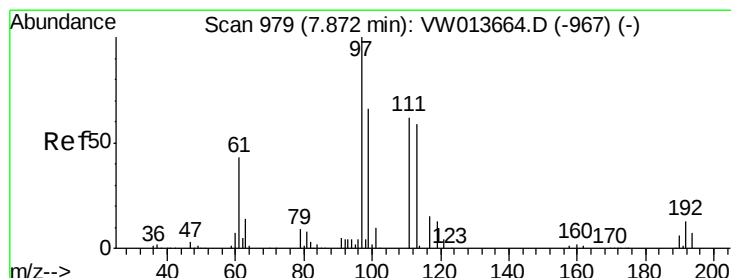
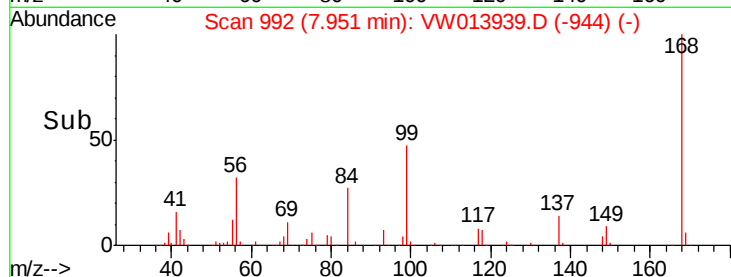
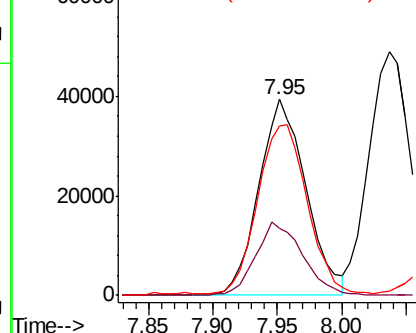
#31
Cyclohexane
Concen: 20.603 ug/l
RT: 7.95 min Scan# 992
Delta R.T. -0.01 min
Lab File: VW013939.D
Acq: 08 Nov 2019 12:57

Instrument :
MSVOA_W
ClientSampleId :
VW1108SBS01

Tgt Ion: 56 Resp: 100008
Ion Ratio Lower Upper
56 100
69 34.2 27.5 41.3
84 85.4 70.8 106.2

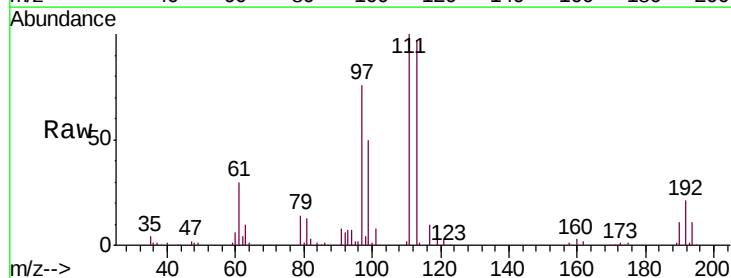


Abundance Ion 56.00 (55.70 to 56.70): VW
Ion 69.00 (68.70 to 69.70): VW
Ion 84.00 (83.70 to 84.70): VW

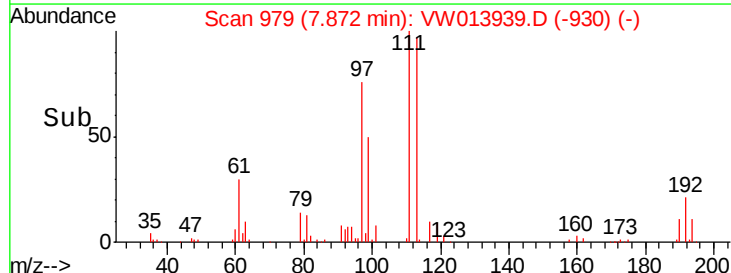
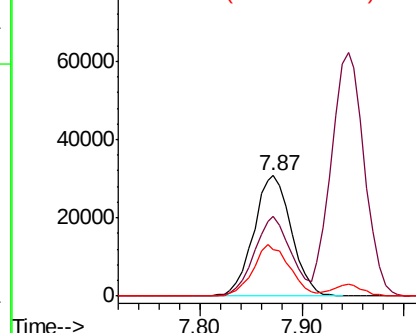


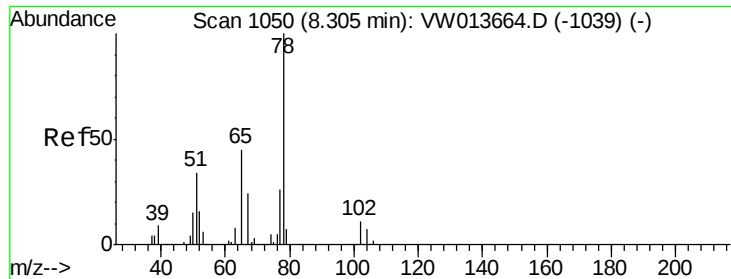
#32
1,1,1-Trichloroethane
Concen: 21.916 ug/l
RT: 7.87 min Scan# 979
Delta R.T. -0.00 min
Lab File: VW013939.D
Acq: 08 Nov 2019 12:57

Tgt Ion: 97 Resp: 78857
Ion Ratio Lower Upper
97 100
99 64.7 52.0 78.0
61 41.3 33.8 50.6



Abundance Ion 96.90 (96.60 to 97.60): VW
Ion 98.90 (98.60 to 99.60): VW
Ion 60.90 (60.60 to 61.60): VW

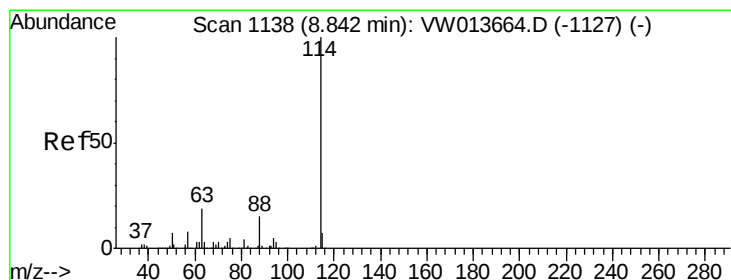
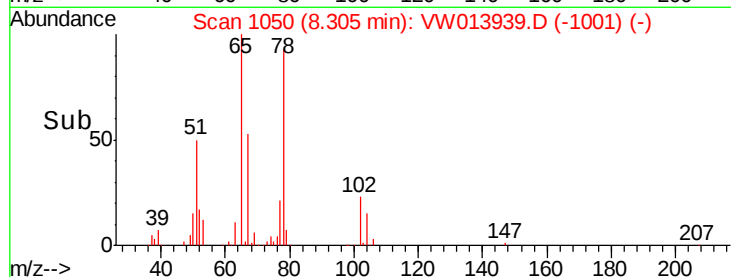
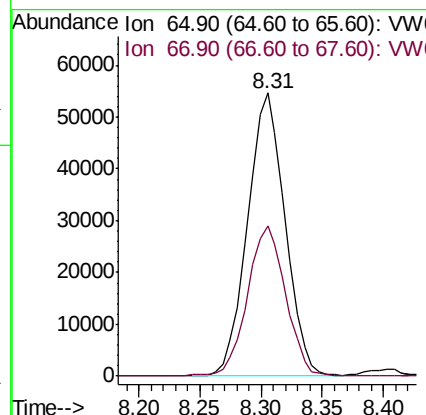
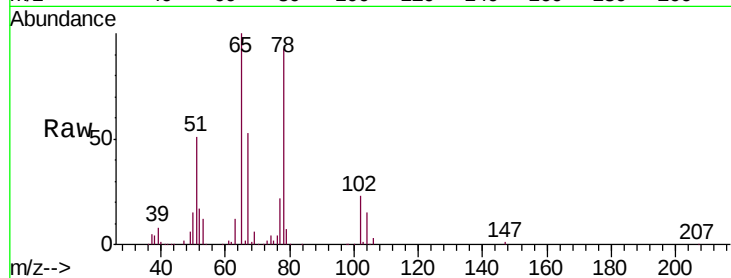




#33
 1,2-Dichloroethane-d4
 Concen: 53.372 ug/l
 RT: 8.31 min Scan# 1050
 Delta R.T. -0.00 min
 Lab File: VW013939.D
 Acq: 08 Nov 2019 12:57

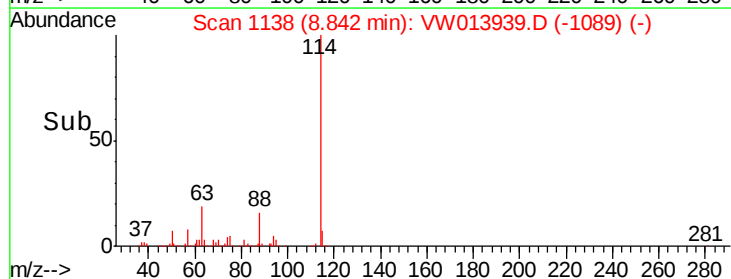
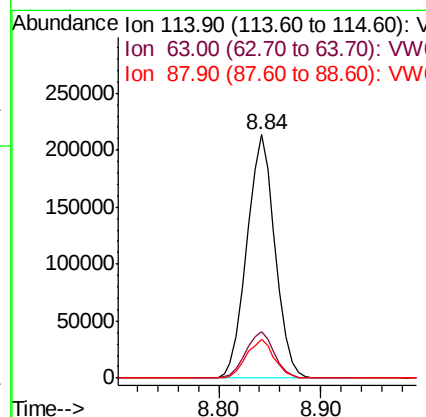
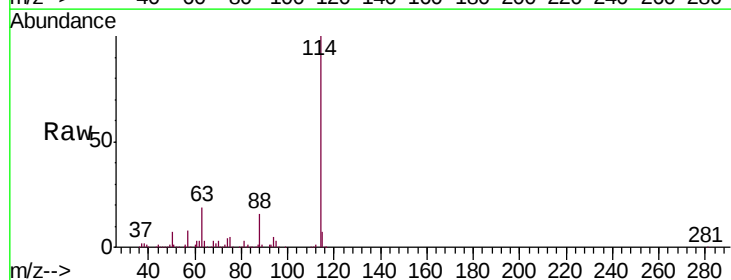
Instrument :
 MSVOA_W
 ClientSampleId :
 VW1108SBSD01

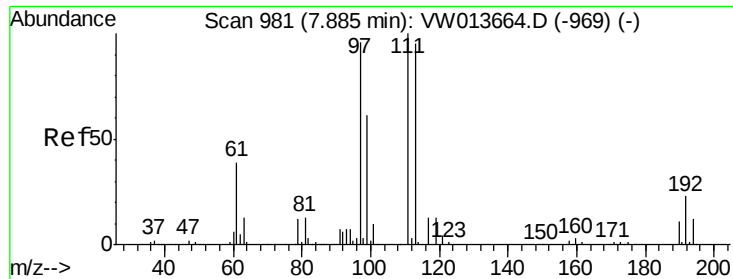
Tgt Ion: 65 Resp: 116567
 Ion Ratio Lower Upper
 65 100
 67 54.0 0.0 109.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VW013939.D
 Acq: 08 Nov 2019 12:57

Tgt Ion: 114 Resp: 407640
 Ion Ratio Lower Upper
 114 100
 63 18.9 0.0 37.6
 88 15.7 0.0 30.2

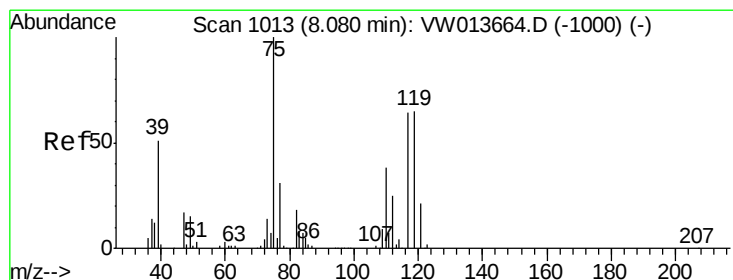
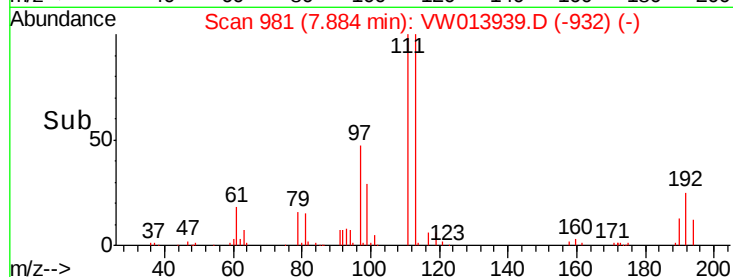
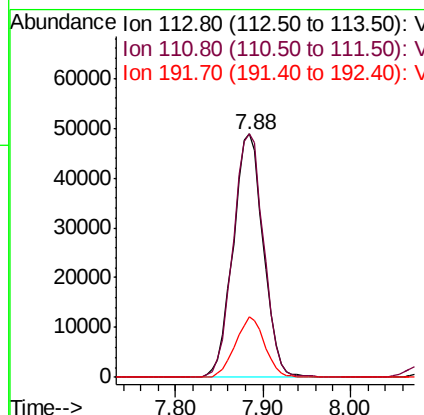
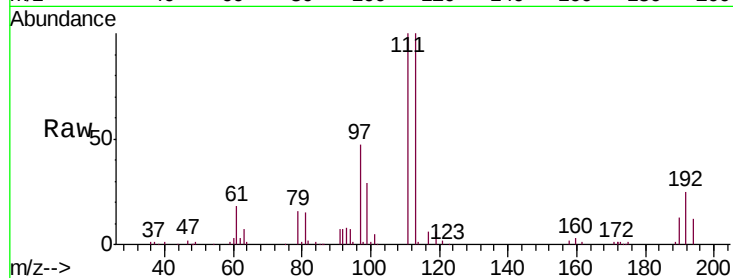




#35
 Dibromofluoromethane
 Concen: 51.705 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. -0.00 min
 Lab File: VW013939.D
 Acq: 08 Nov 2019 12:57

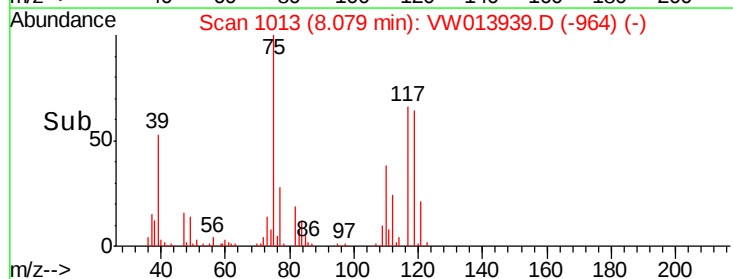
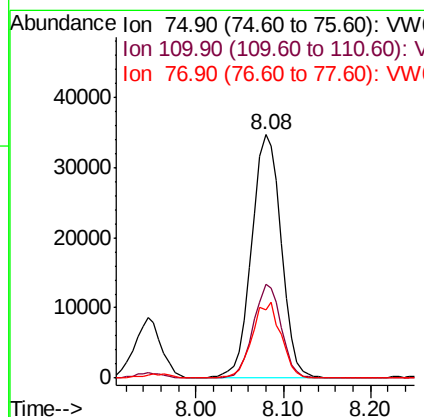
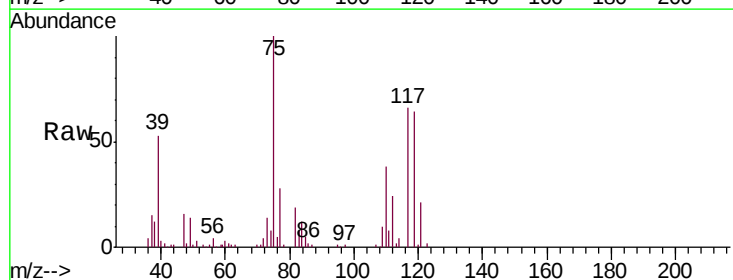
Instrument :
 MSVOA_W
 ClientSampleId :
 VW1108SBS01

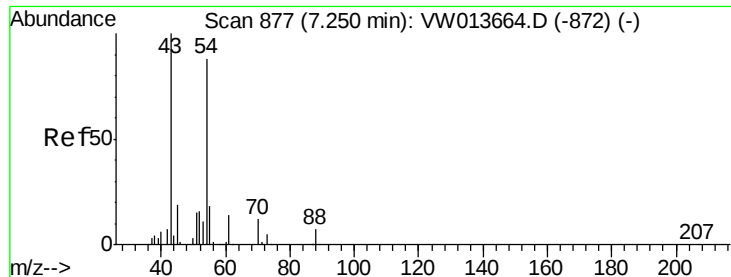
Tgt Ion	Ratio	Lower	Upper
113	100		
111	101.2	83.0	124.6
192	23.9	19.4	29.2



#36
 1,1-Dichloropropene
 Concen: 21.475 ug/l
 RT: 8.08 min Scan# 1013
 Delta R.T. -0.00 min
 Lab File: VW013939.D
 Acq: 08 Nov 2019 12:57

Tgt Ion	Ratio	Lower	Upper
75	100		
110	36.4	18.7	56.1
77	30.4	25.4	38.0

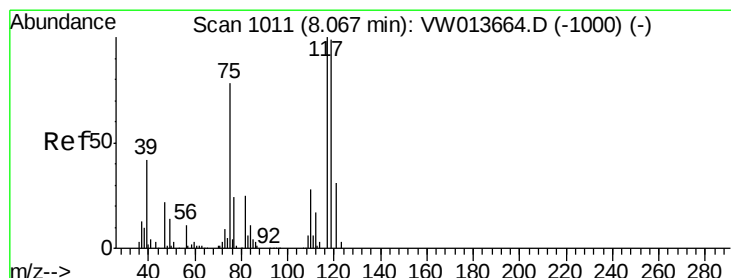
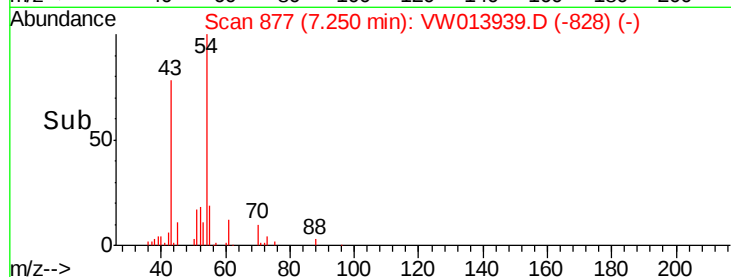
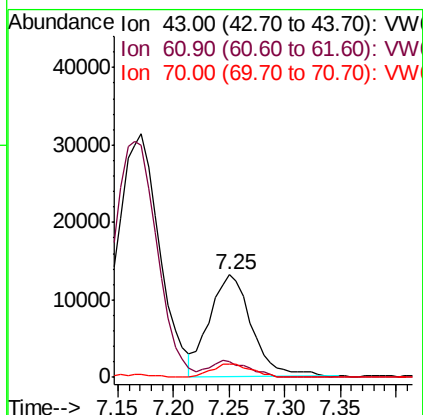
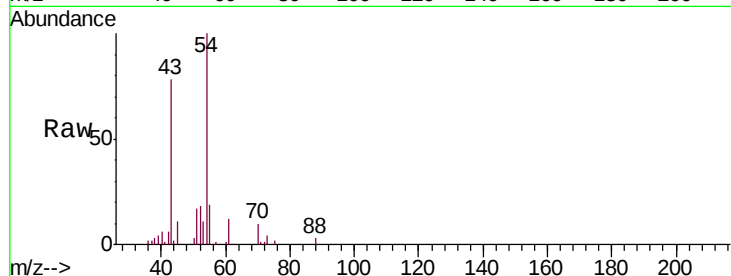




#37
 Ethyl Acetate
 Concen: 23.840 ug/l
 RT: 7.25 min Scan# 877
 Delta R.T. -0.00 min
 Lab File: VW013939.D
 Acq: 08 Nov 2019 12:57

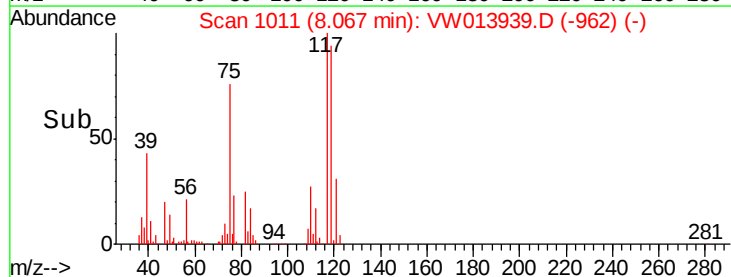
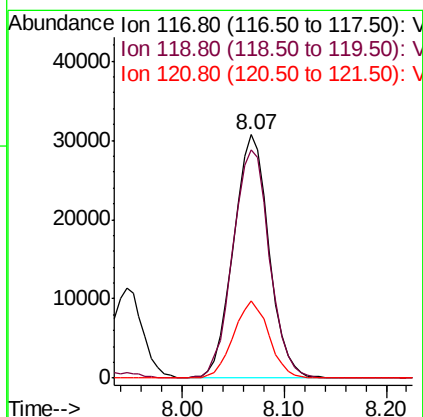
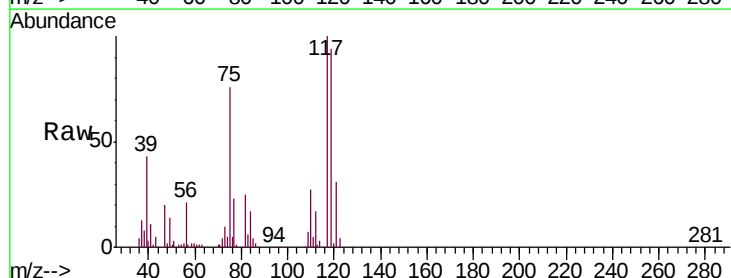
Instrument :
 MSVOA_W
 ClientSampleId :
 VW1108SBSD01

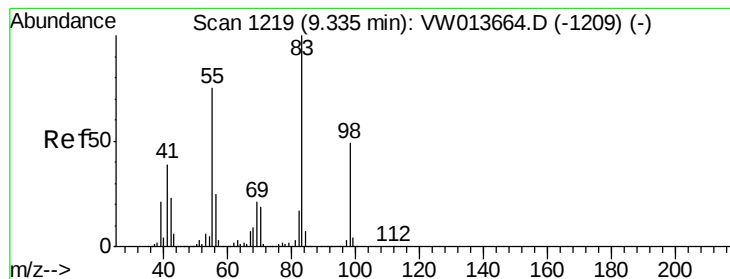
Tgt Ion: 43 Resp: 34645
 Ion Ratio Lower Upper
 43 100
 61 15.5 11.7 17.5
 70 12.7 8.8 13.2



#38
 Carbon Tetrachloride
 Concen: 21.729 ug/l
 RT: 8.07 min Scan# 1011
 Delta R.T. -0.00 min
 Lab File: VW013939.D
 Acq: 08 Nov 2019 12:57

Tgt Ion: 117 Resp: 74285
 Ion Ratio Lower Upper
 117 100
 119 93.8 79.0 118.4
 121 31.5 24.5 36.7





#39

Methylcyclohexane

Concen: 20.915 ug/l

RT: 9.34 min Scan# 1219

Delta R.T. -0.00 min

Lab File: VW013939.D

Acq: 08 Nov 2019 12:57

Instrument :

MSVOA_W

ClientSampleId :

VW1108SBSD01

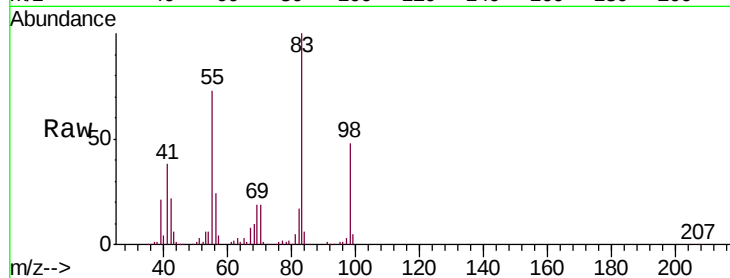
Tgt Ion: 83 Resp: 102538

Ion Ratio Lower Upper

83 100

55 73.3 59.9 89.9

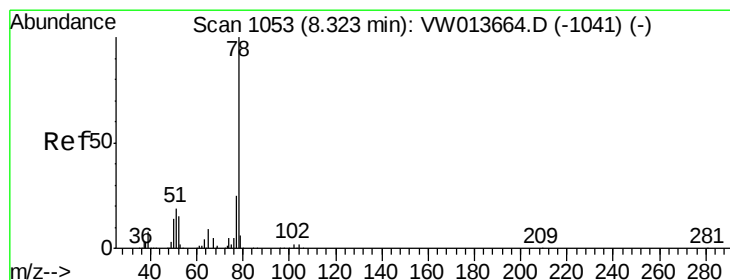
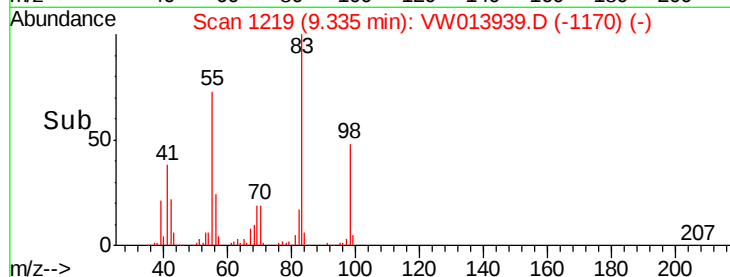
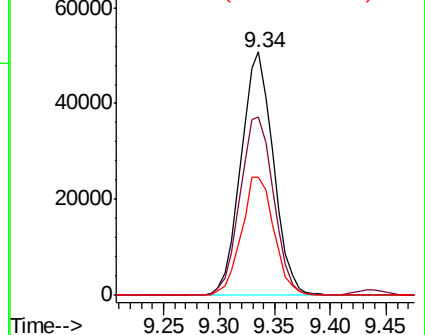
98 48.5 39.4 59.2



Abundance Ion 83.00 (82.70 to 83.70): VW

Ion 55.00 (54.70 to 55.70): VW

Ion 98.00 (97.70 to 98.70): VW



#40

Benzene

Concen: 21.049 ug/l

RT: 8.32 min Scan# 1053

Delta R.T. -0.00 min

Lab File: VW013939.D

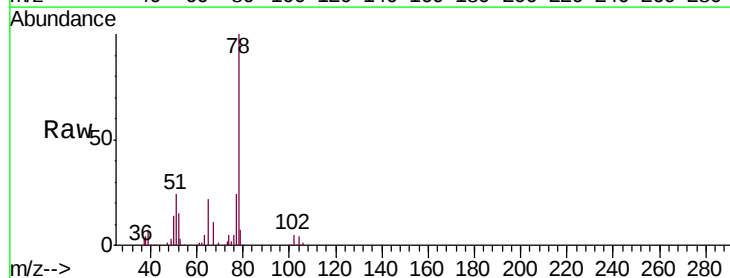
Acq: 08 Nov 2019 12:57

Tgt Ion: 78 Resp: 226151

Ion Ratio Lower Upper

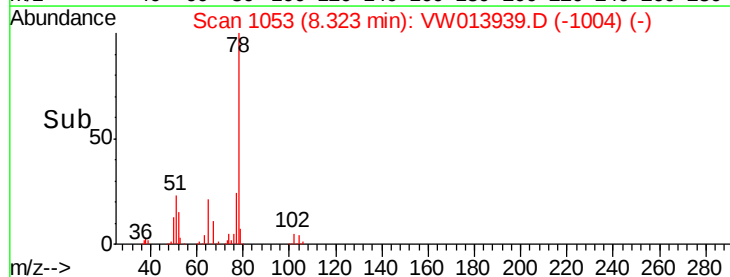
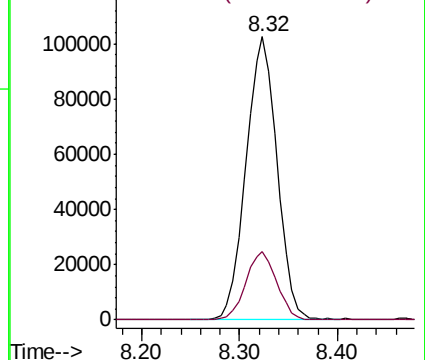
78 100

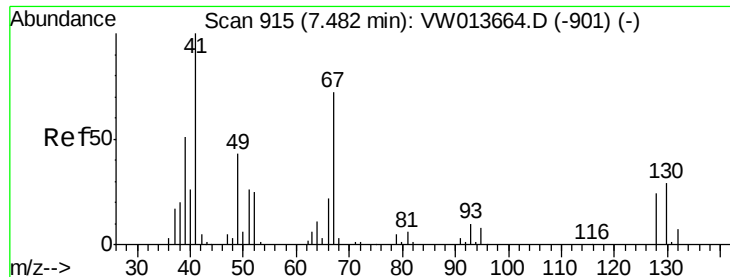
77 23.9 19.6 29.4



Abundance Ion 78.00 (77.70 to 78.70): VW

Ion 77.00 (76.70 to 77.70): VW





#41

Methacrylonitrile

Concen: 23.882 ug/l

RT: 7.48 min Scan# 915

Delta R.T. -0.00 min

Lab File: VW013939.D

Acq: 08 Nov 2019 12:57

Instrument :

MSVOA_W

ClientSampled :

VW1108SBS01

Tgt Ion: 41 Resp: 21643

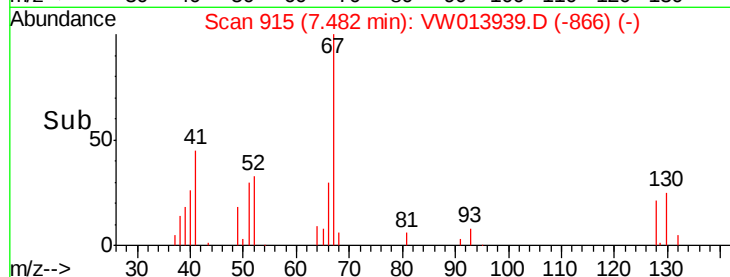
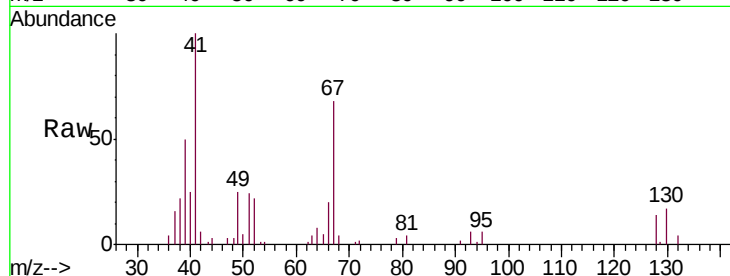
Ion Ratio Lower Upper

41 100

39 54.3 44.8 67.2

67 71.1 59.3 88.9

52 27.3 23.4 35.0

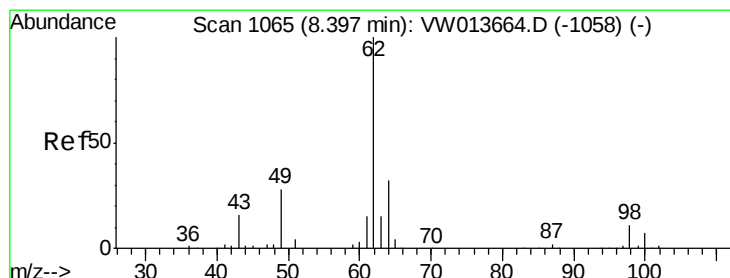
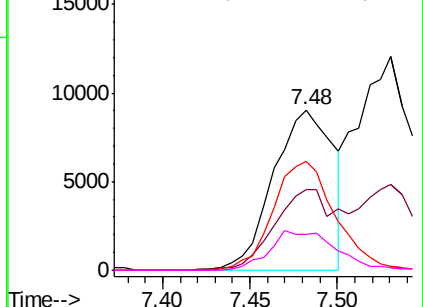


Abundance Ion 41.00 (40.70 to 41.70): VW

Ion 39.00 (38.70 to 39.70): VW

Ion 67.00 (66.70 to 67.70): VW

Ion 52.00 (51.70 to 52.70): VW



#42

1,2-Dichloroethane

Concen: 21.816 ug/l

RT: 8.40 min Scan# 1065

Delta R.T. -0.00 min

Lab File: VW013939.D

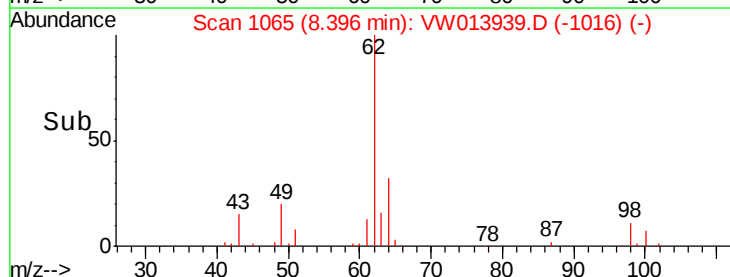
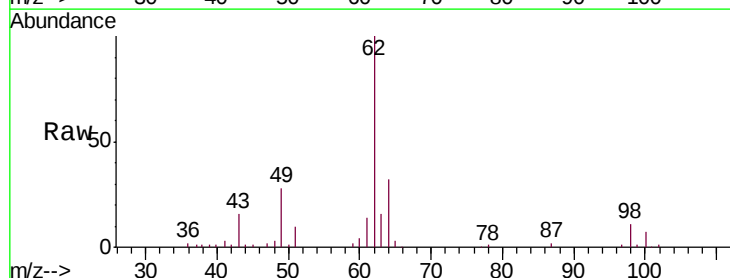
Acq: 08 Nov 2019 12:57

Tgt Ion: 62 Resp: 59065

Ion Ratio Lower Upper

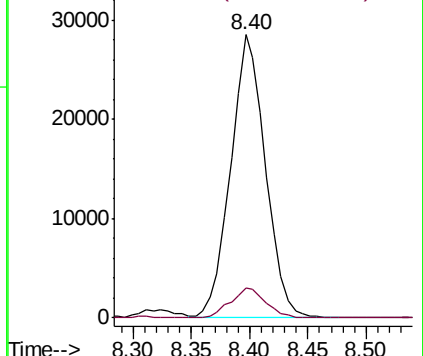
62 100

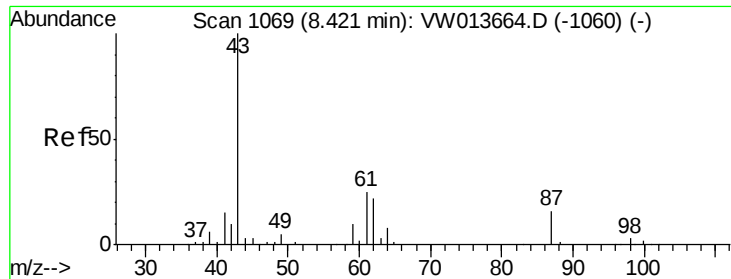
98 10.7 0.0 22.4



Abundance Ion 61.90 (61.60 to 62.60): VW

Ion 97.90 (97.60 to 98.60): VW





#43

Isopropyl Acetate

Concen: 23.459 ug/l

RT: 8.42 min Scan# 1069

Delta R.T. -0.00 min

Lab File: VW013939.D

Acq: 08 Nov 2019 12:57

Instrument :

MSVOA_W

ClientSampleId :

VW1108SBSD01

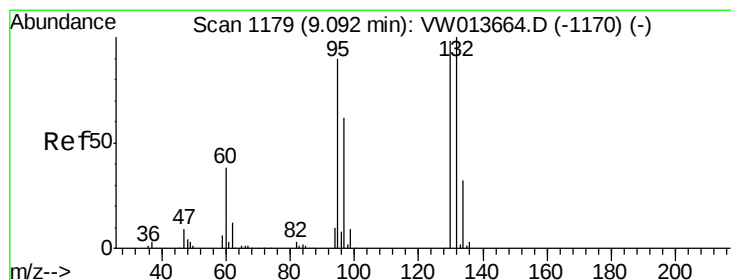
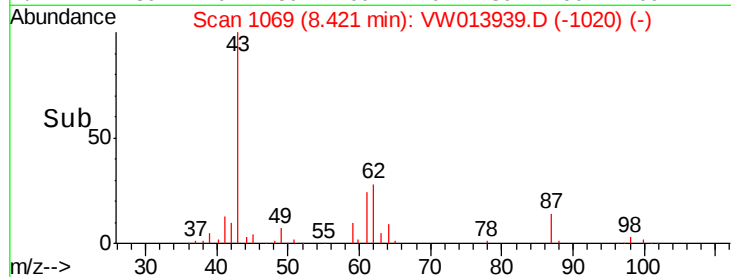
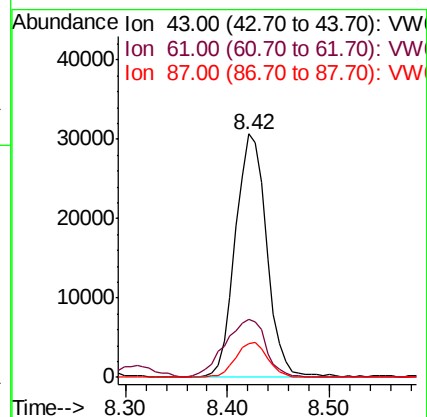
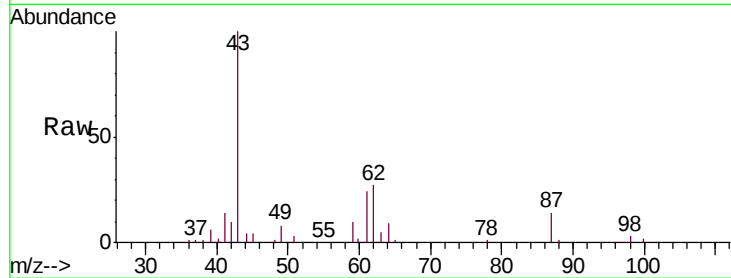
Tgt Ion: 43 Resp: 65258

Ion Ratio Lower Upper

43 100

61 31.2 26.1 39.1

87 14.6 11.4 17.0



#44

Trichloroethene

Concen: 21.205 ug/l

RT: 9.09 min Scan# 1179

Delta R.T. -0.00 min

Lab File: VW013939.D

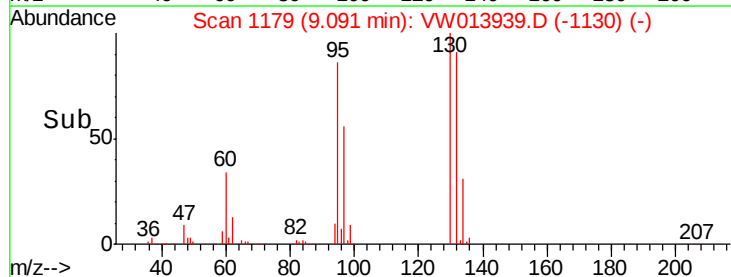
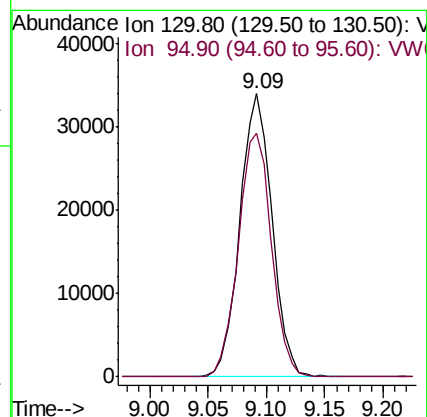
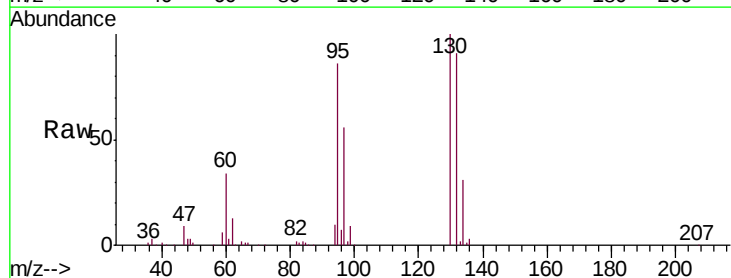
Acq: 08 Nov 2019 12:57

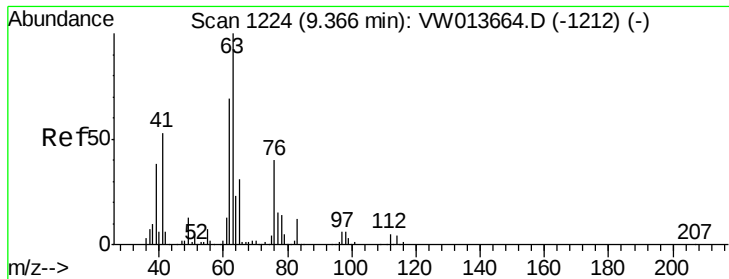
Tgt Ion: 130 Resp: 65259

Ion Ratio Lower Upper

130 100

95 85.9 0.0 184.6





#45

1,2-Dichloropropane

Concen: 20.680 ug/l

RT: 9.37 min Scan# 1225

Delta R.T. 0.01 min

Lab File: VW013939.D

Acq: 08 Nov 2019 12:57

Instrument :

MSVOA_W

ClientSampleId :

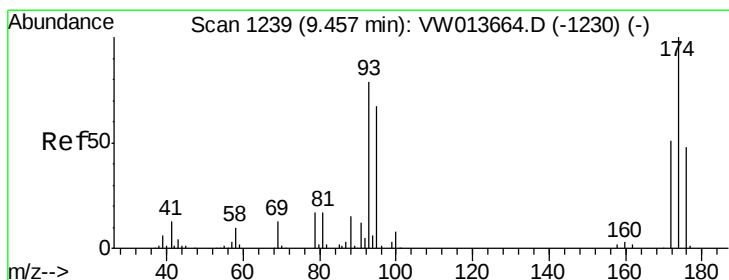
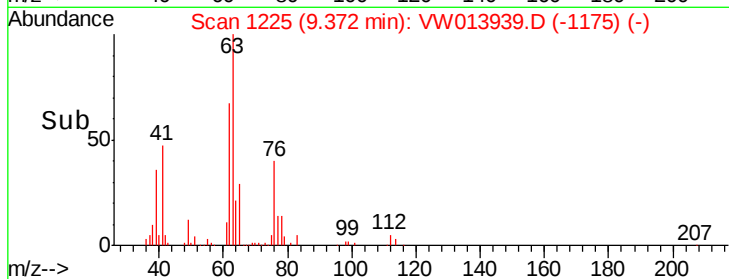
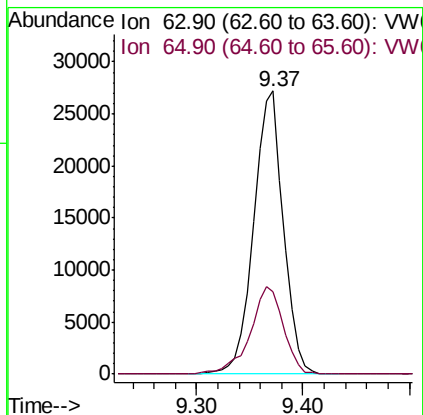
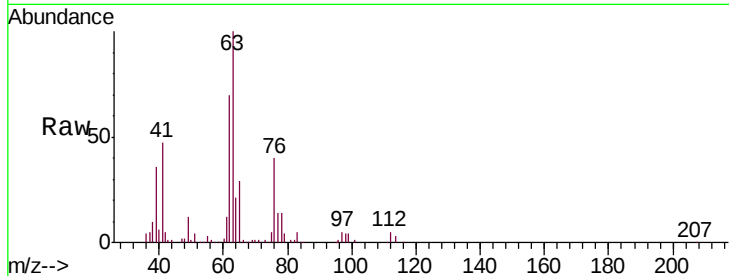
VW1108SBSD01

Tgt Ion: 63 Resp: 53069

Ion Ratio Lower Upper

63 100

65 29.2 25.2 37.8



#46

Dibromomethane

Concen: 22.151 ug/l

RT: 9.46 min Scan# 1239

Delta R.T. -0.00 min

Lab File: VW013939.D

Acq: 08 Nov 2019 12:57

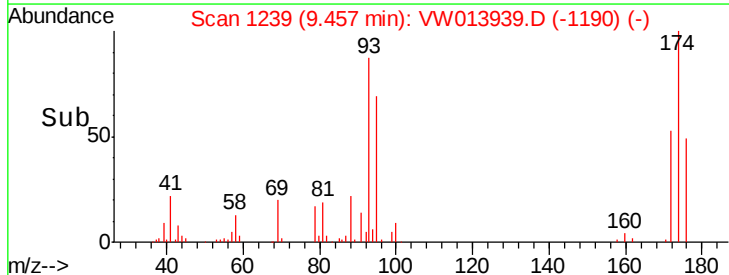
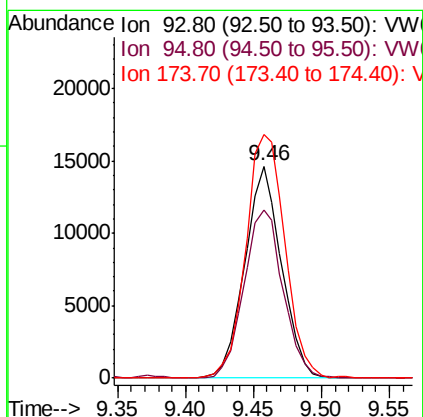
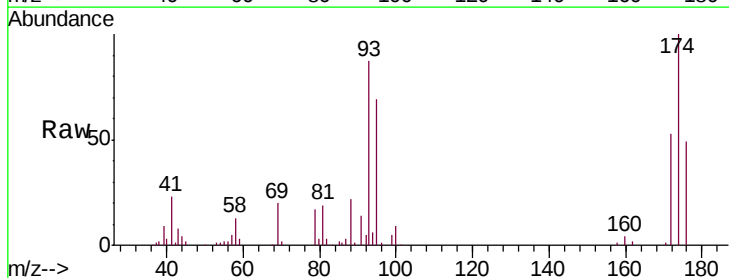
Tgt Ion: 93 Resp: 27590

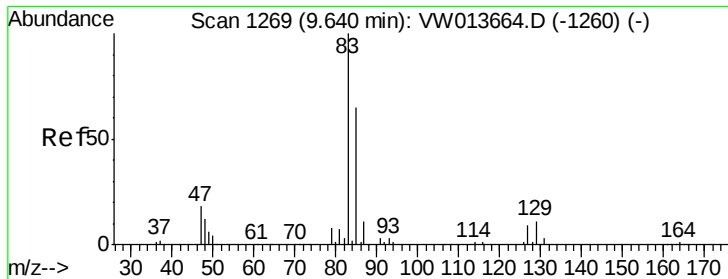
Ion Ratio Lower Upper

93 100

95 84.5 66.5 99.7

174 122.9 99.6 149.4

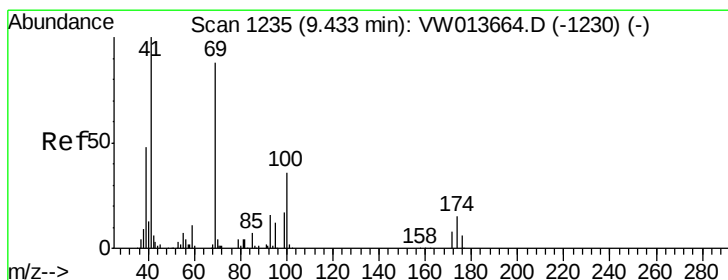
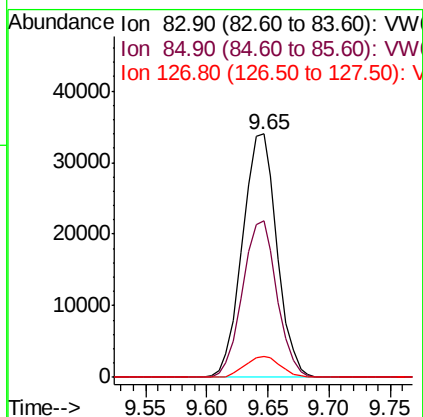
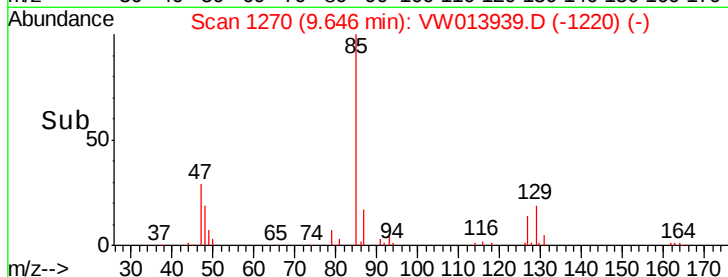
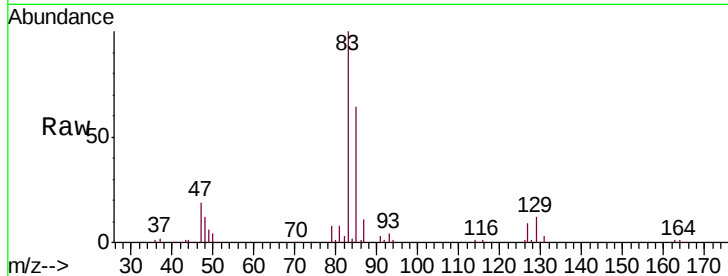




#47
Bromodichloromethane
Concen: 20.639 ug/l
RT: 9.65 min Scan# 1270
Delta R.T. 0.01 min
Lab File: VW013939.D
Acq: 08 Nov 2019 12:57

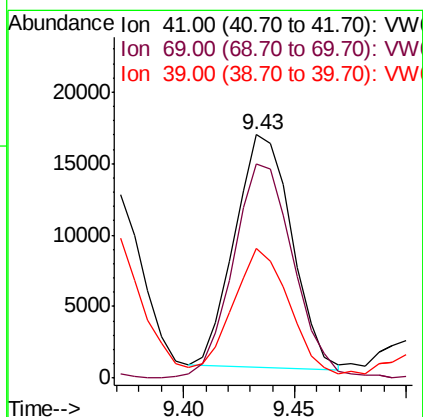
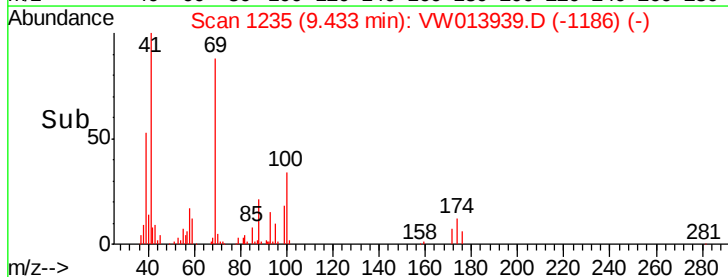
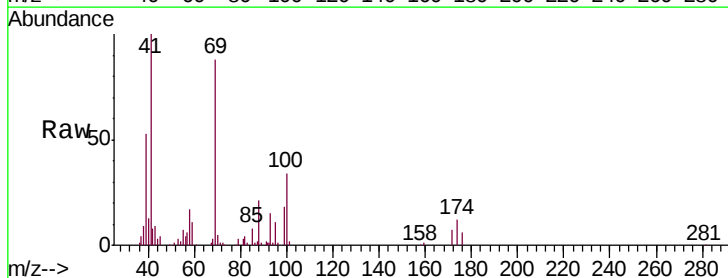
Instrument :
MSVOA_W
ClientSampleId :
VW1108SBSD01

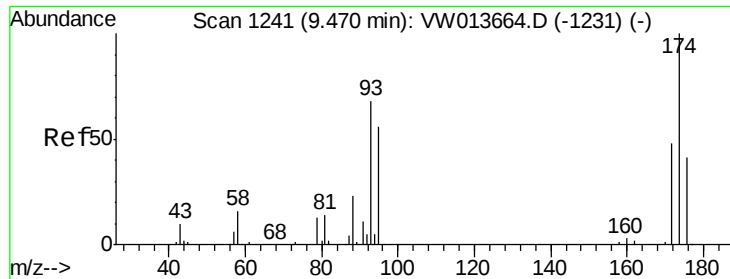
Tgt Ion: 83 Resp: 66515
Ion Ratio Lower Upper
83 100
85 64.2 51.8 77.6
127 8.8 7.3 10.9



#48
Methyl methacrylate
Concen: 21.120 ug/l
RT: 9.43 min Scan# 1235
Delta R.T. -0.00 min
Lab File: VW013939.D
Acq: 08 Nov 2019 12:57

Tgt Ion: 41 Resp: 29134
Ion Ratio Lower Upper
41 100
69 97.9 67.6 101.4
39 51.9 38.6 58.0

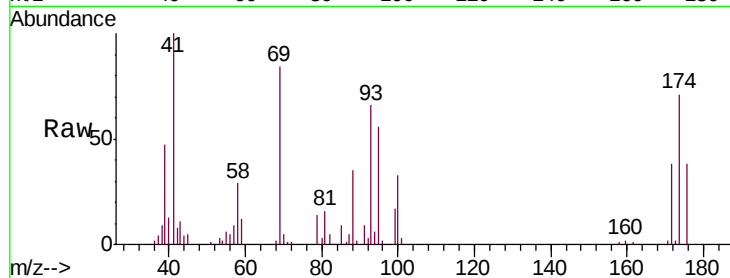




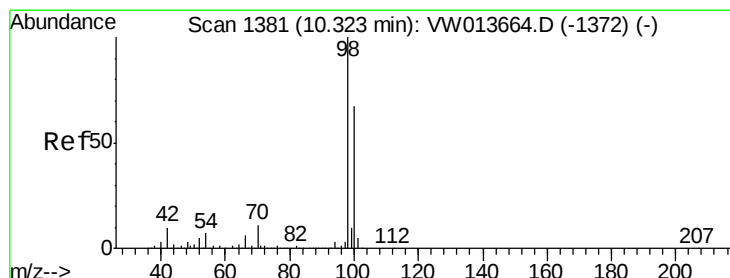
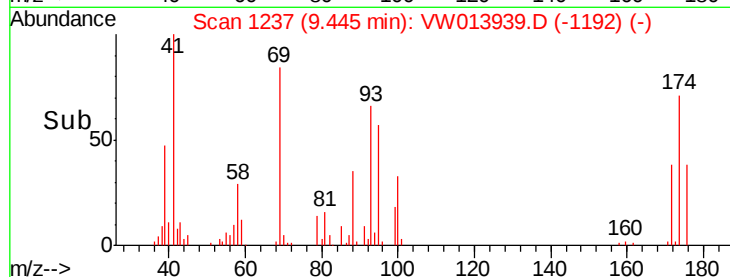
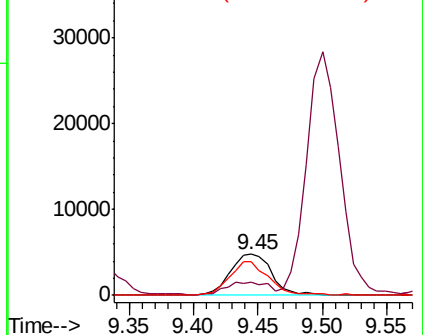
#49
1,4-Dioxane
Concen: 578.420 ug/l
RT: 9.45 min Scan# 1237
Delta R.T. -0.02 min
Lab File: VW013939.D
Acq: 08 Nov 2019 12:57

Instrument :
MSVOA_W
ClientSampleId :
VW1108SBS01

Tgt Ion: 88 Resp: 10646
Ion Ratio Lower Upper
88 100
43 30.4 0.0 0.0#
58 79.7 58.9 88.3

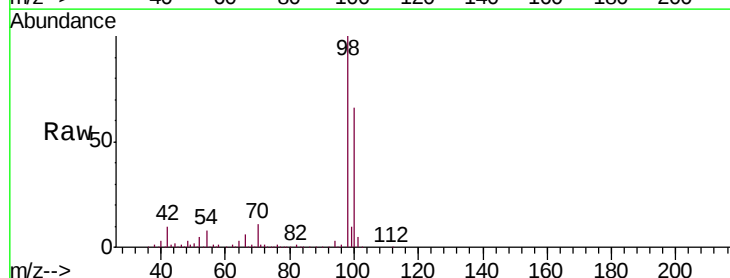


Abundance Ion 88.00 (87.70 to 88.70): VW
Ion 43.00 (42.70 to 43.70): VW
Ion 58.00 (57.70 to 58.70): VW

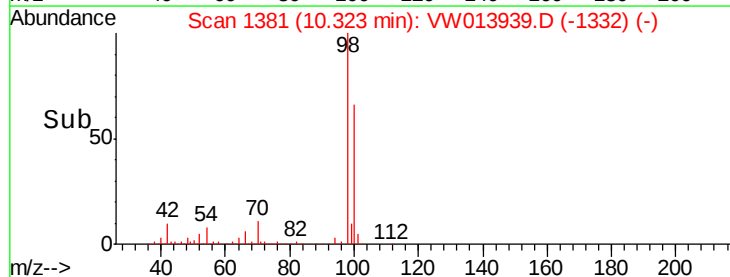
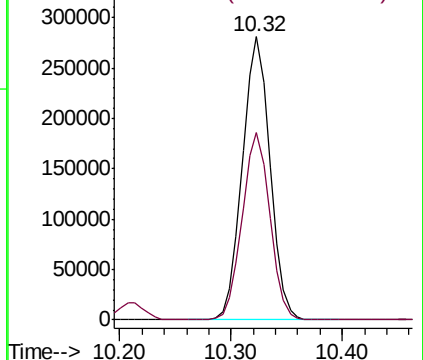


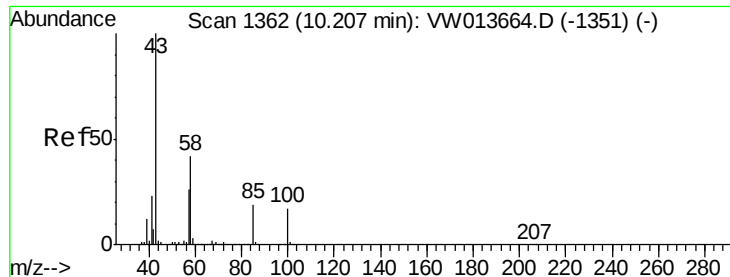
#50
Toluene-d8
Concen: 52.473 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. -0.00 min
Lab File: VW013939.D
Acq: 08 Nov 2019 12:57

Tgt Ion: 98 Resp: 484306
Ion Ratio Lower Upper
98 100
100 66.3 53.4 80.0



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

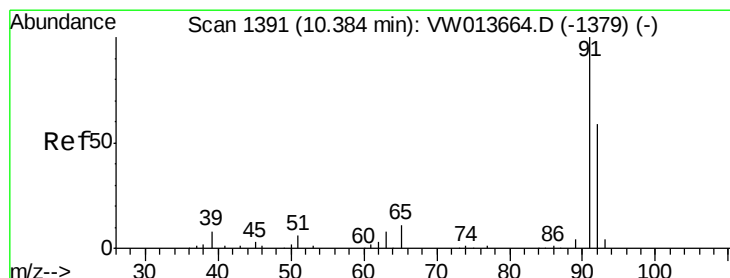
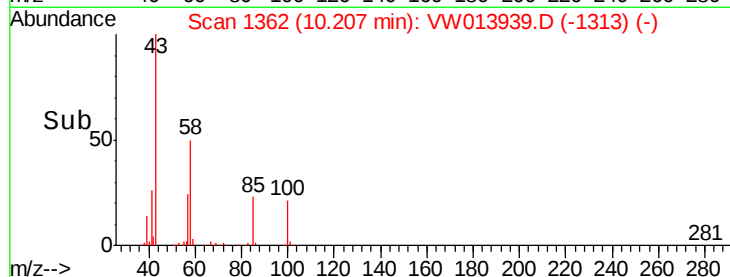
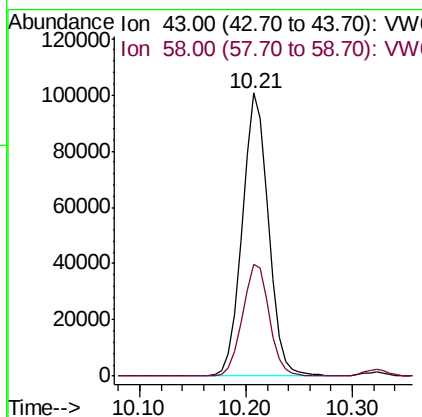
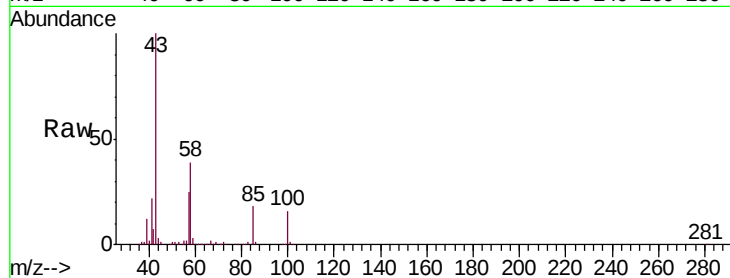




#51
4-Methyl-2-Pentanone
Concen: 126.115 ug/l
RT: 10.21 min Scan# 1362
Delta R.T. -0.00 min
Lab File: VW013939.D
Acq: 08 Nov 2019 12:57

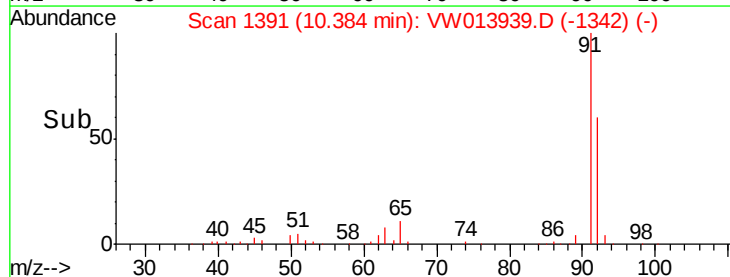
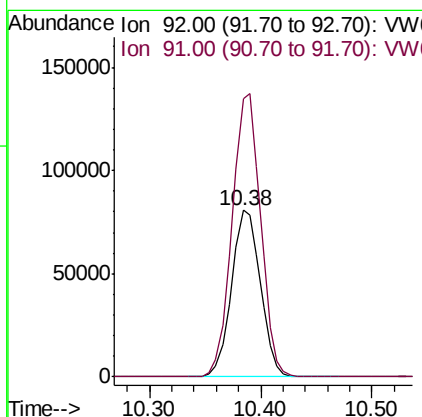
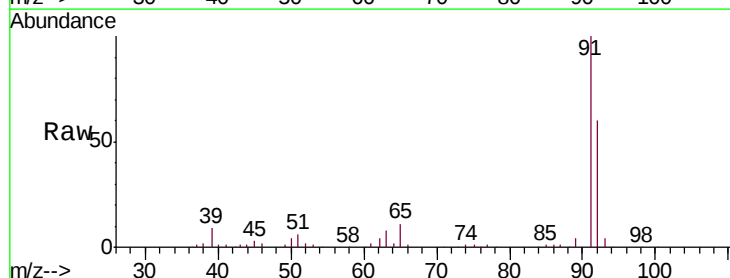
Instrument :
MSVOA_W
ClientSampleId :
VW1108SBSD01

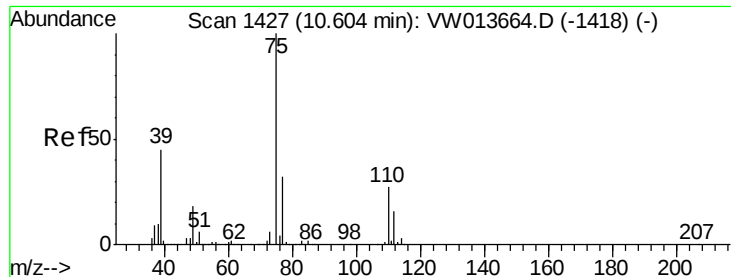
Tgt Ion: 43 Resp: 174328
Ion Ratio Lower Upper
43 100
58 40.4 32.6 49.0



#52
Toluene
Concen: 20.822 ug/l
RT: 10.38 min Scan# 1391
Delta R.T. -0.00 min
Lab File: VW013939.D
Acq: 08 Nov 2019 12:57

Tgt Ion: 92 Resp: 144301
Ion Ratio Lower Upper
92 100
91 168.7 134.5 201.7





#53

t-1,3-Dichloropropene

Concen: 21.262 ug/l

RT: 10.60 min Scan# 1427

Delta R.T. -0.00 min

Lab File: VW013939.D

Acq: 08 Nov 2019 12:57

Instrument :

MSVOA_W

ClientSampleId :

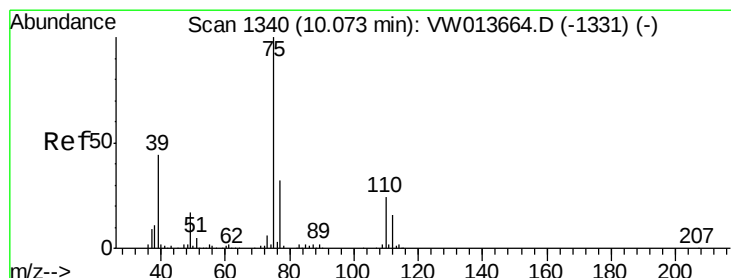
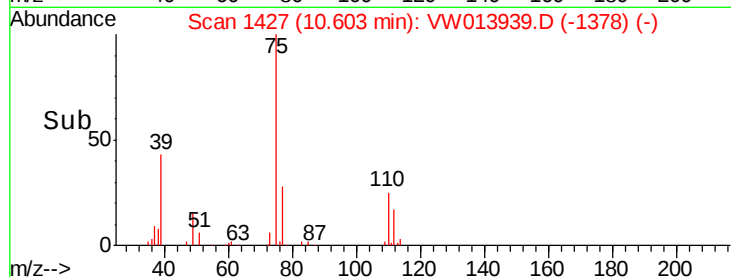
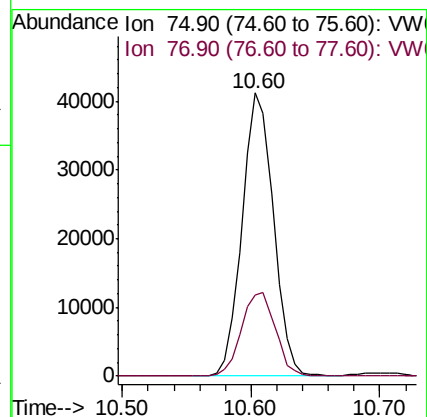
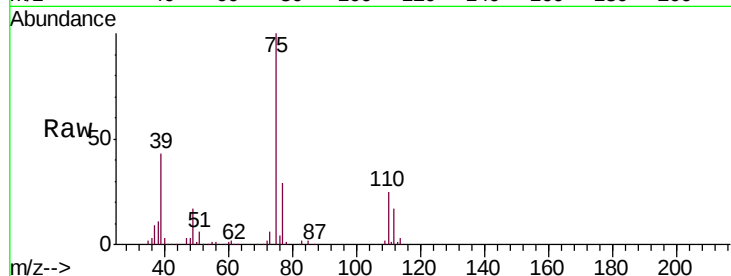
VW1108SBSD01

Tgt Ion: 75 Resp: 69367

Ion Ratio Lower Upper

75 100

77 28.6 25.5 38.3



#54

cis-1,3-Dichloropropene

Concen: 20.659 ug/l

RT: 10.07 min Scan# 1340

Delta R.T. -0.00 min

Lab File: VW013939.D

Acq: 08 Nov 2019 12:57

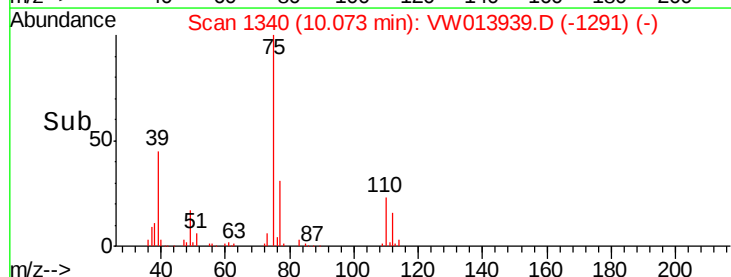
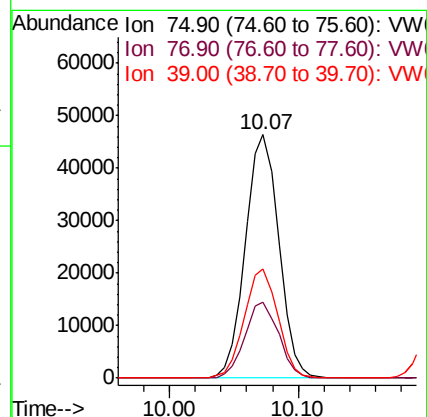
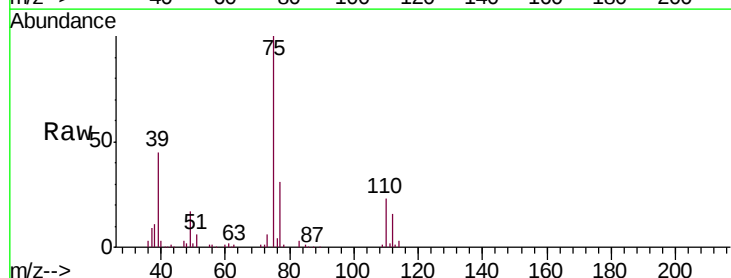
Tgt Ion: 75 Resp: 83157

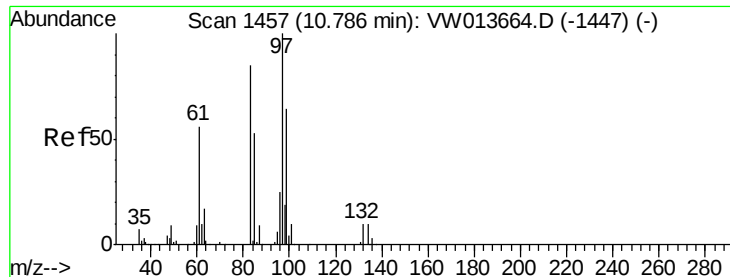
Ion Ratio Lower Upper

75 100

77 31.3 25.8 38.6

39 45.1 35.3 52.9

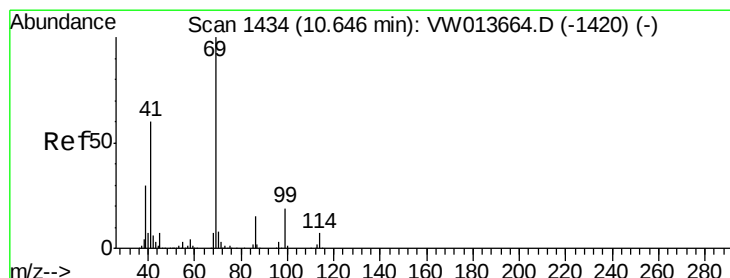
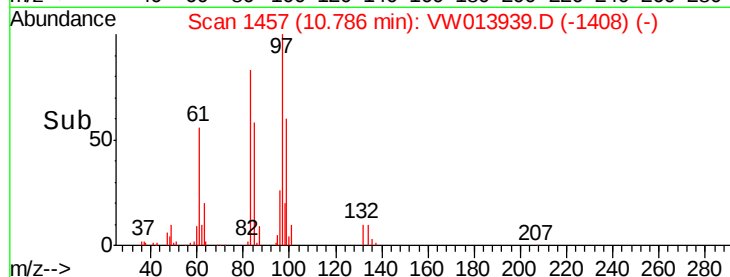
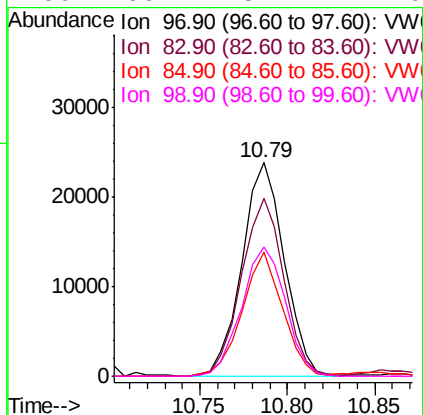
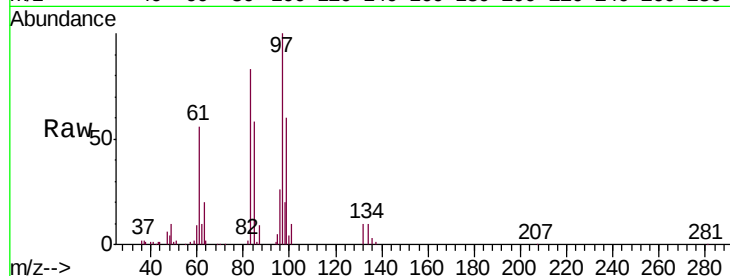




#55
 1,1,2-Trichloroethane
 Concen: 21.587 ug/l
 RT: 10.79 min Scan# 1457
 Delta R.T. -0.00 min
 Lab File: VW013939.D
 Acq: 08 Nov 2019 12:57

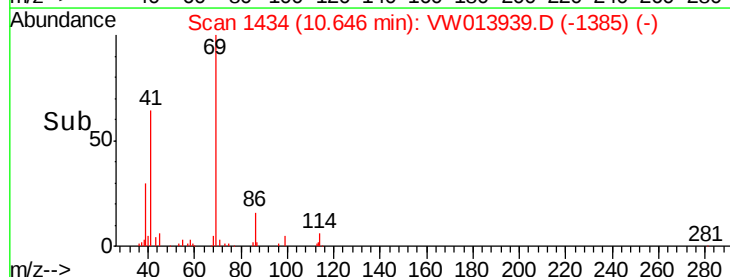
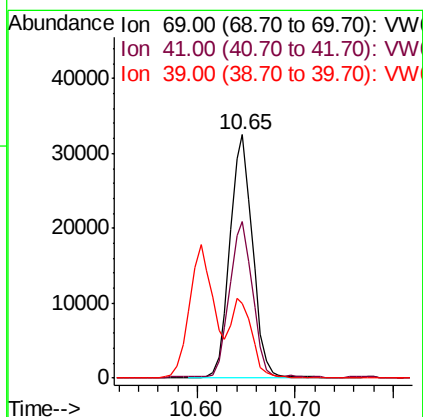
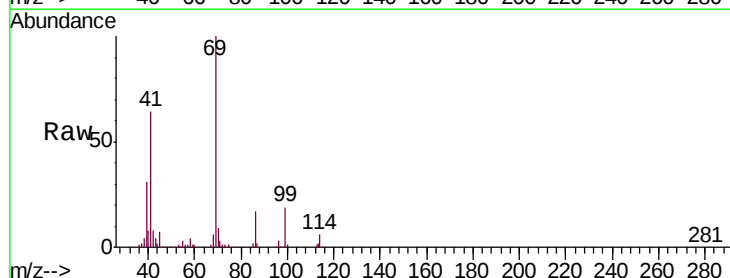
Instrument :
 MSVOA_W
 ClientSampleId :
 VW1108SBS01

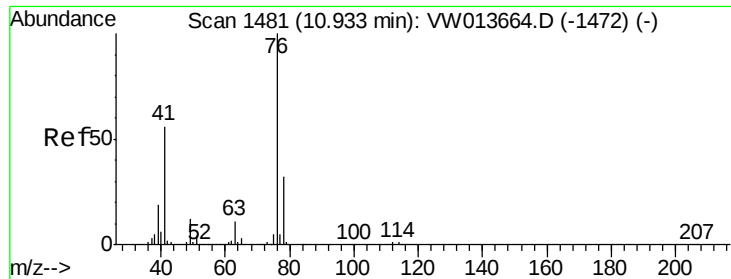
Tgt Ion:	97	Resp:	40072
Ion	Ratio	Lower	Upper
97	100		
83	83.4	67.8	101.8
85	58.1	42.1	63.1
99	60.4	51.4	77.0



#56
 Ethyl methacrylate
 Concen: 22.616 ug/l
 RT: 10.65 min Scan# 1434
 Delta R.T. -0.00 min
 Lab File: VW013939.D
 Acq: 08 Nov 2019 12:57

Tgt Ion:	69	Resp:	52524
Ion	Ratio	Lower	Upper
69	100		
41	63.7	51.6	77.4
39	30.4	22.4	33.6

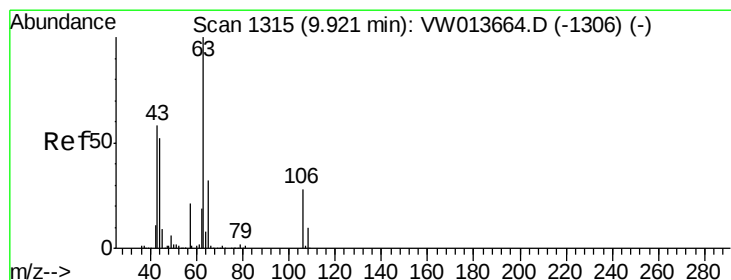
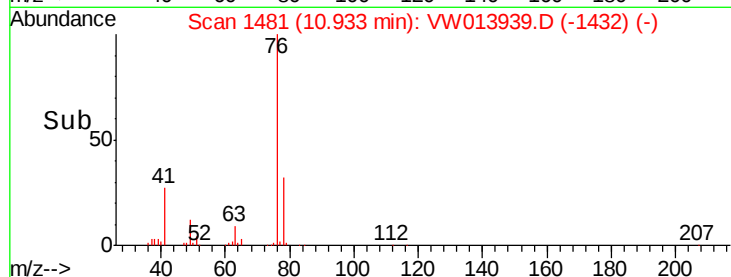
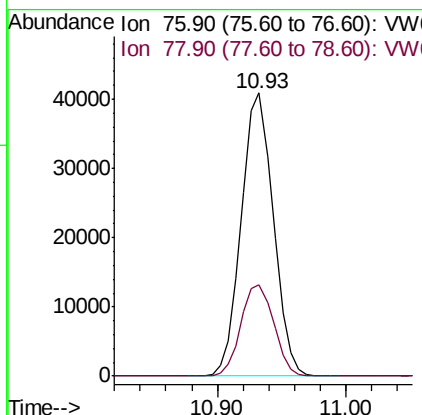
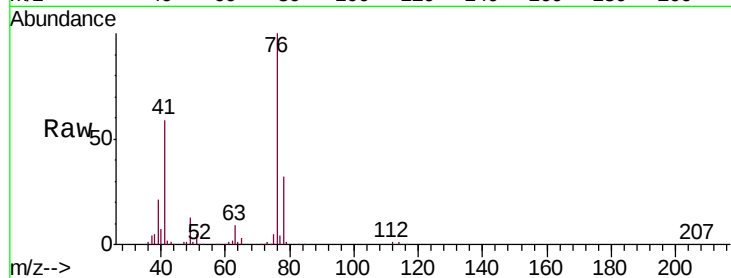




#57
 1,3-Dichloropropane
 Concen: 22.103 ug/l
 RT: 10.93 min Scan# 1481
 Delta R.T. -0.00 min
 Lab File: VW013939.D
 Acq: 08 Nov 2019 12:57

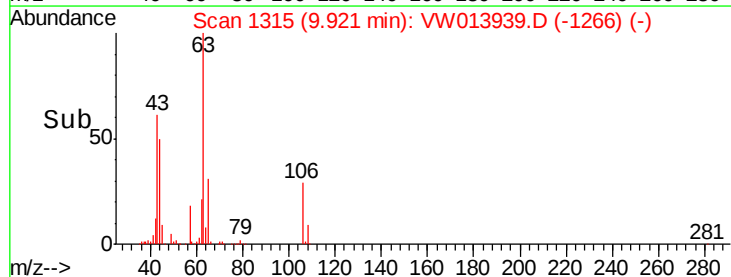
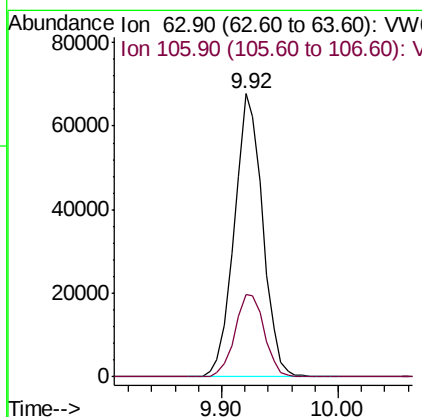
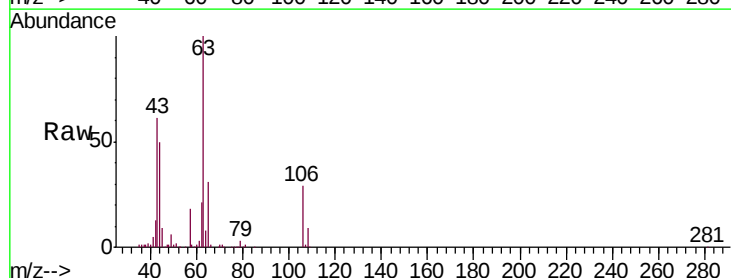
Instrument :
 MSVOA_W
 ClientSampleId :
 VW1108SBSD01

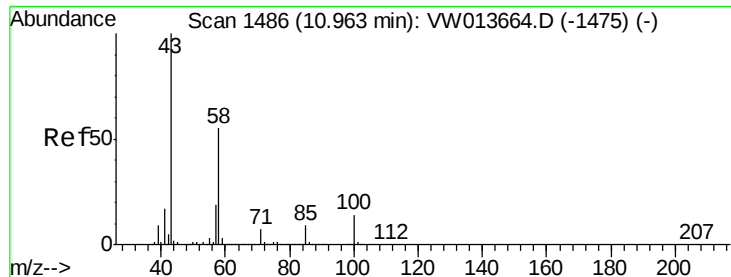
Tgt Ion: 76 Resp: 70407
 Ion Ratio Lower Upper
 76 100
 78 33.2 26.0 39.0



#58
 2-Chloroethyl Vinyl ether
 Concen: 107.199 ug/l
 RT: 9.92 min Scan# 1315
 Delta R.T. -0.00 min
 Lab File: VW013939.D
 Acq: 08 Nov 2019 12:57

Tgt Ion: 63 Resp: 114581
 Ion Ratio Lower Upper
 63 100
 106 30.4 23.8 35.8

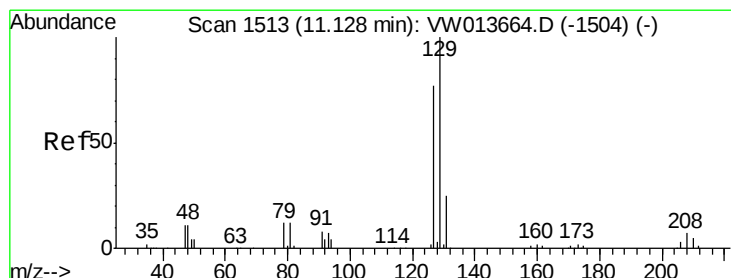
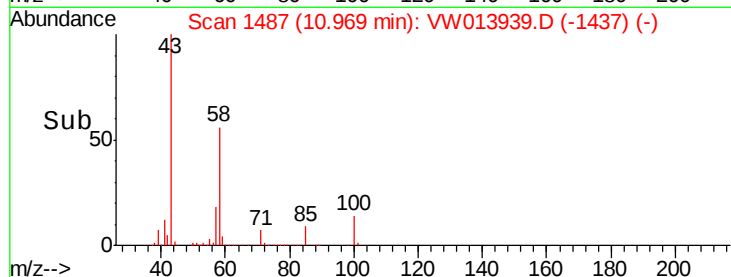
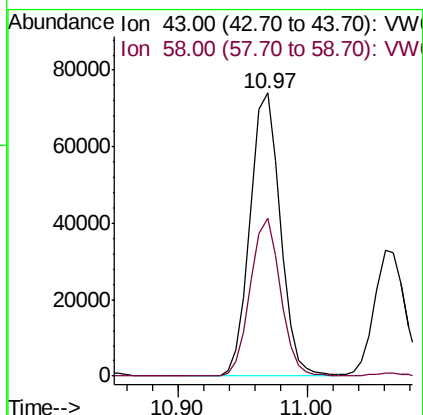
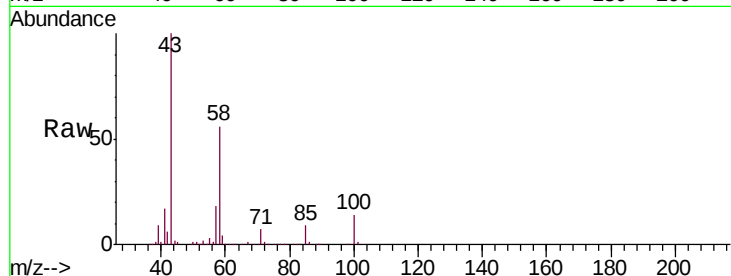




#59
2-Hexanone
Concen: 125.670 ug/l
RT: 10.97 min Scan# 1487
Delta R.T. 0.01 min
Lab File: VW013939.D
Acq: 08 Nov 2019 12:57

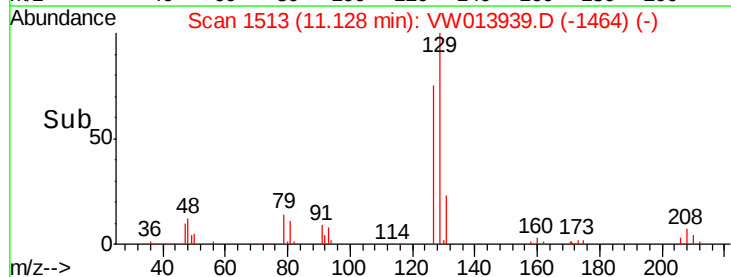
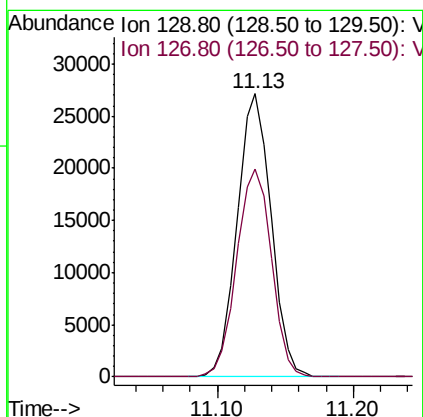
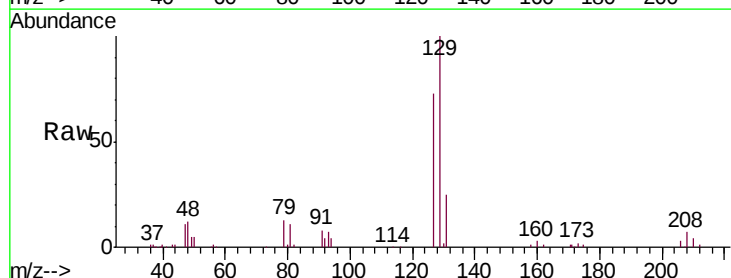
Instrument :
MSVOA_W
ClientSampleId :
VW1108SBSD01

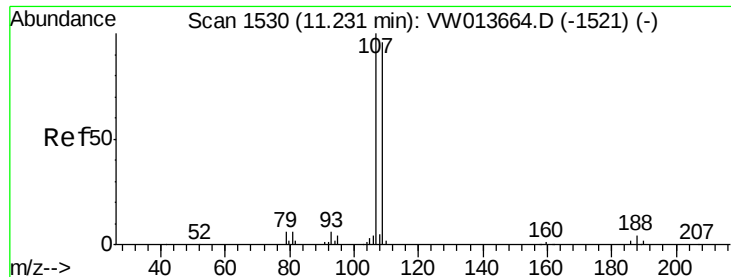
Tgt Ion: 43 Resp: 119756
Ion Ratio Lower Upper
43 100
58 55.9 27.9 83.7



#60
Dibromochloromethane
Concen: 21.476 ug/l
RT: 11.13 min Scan# 1513
Delta R.T. -0.00 min
Lab File: VW013939.D
Acq: 08 Nov 2019 12:57

Tgt Ion: 129 Resp: 47333
Ion Ratio Lower Upper
129 100
127 75.5 38.9 116.7

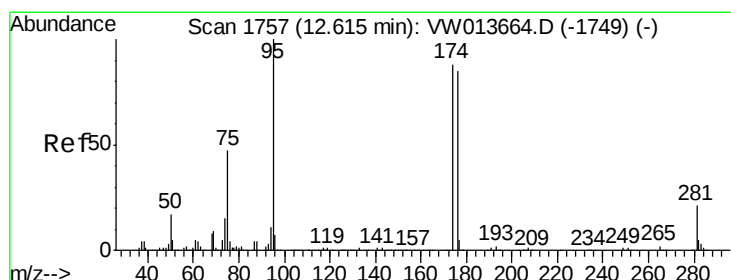
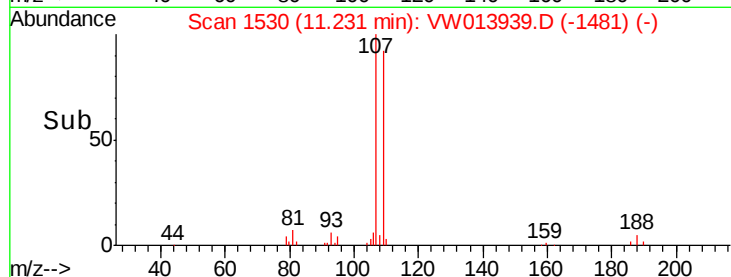
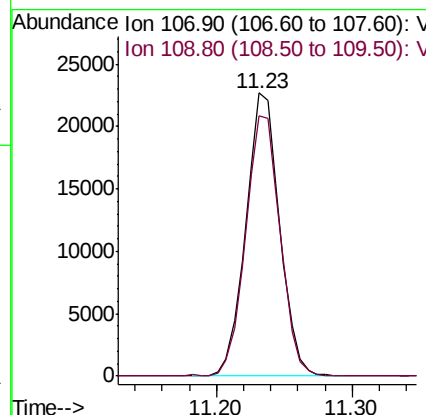
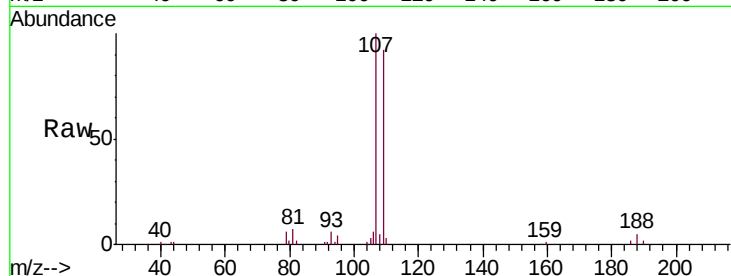




#61
 1,2-Dibromoethane
 Concen: 22.407 ug/l
 RT: 11.23 min Scan# 1530
 Delta R.T. -0.00 min
 Lab File: VW013939.D
 Acq: 08 Nov 2019 12:57

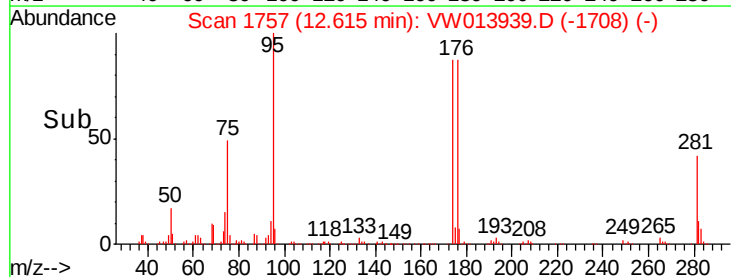
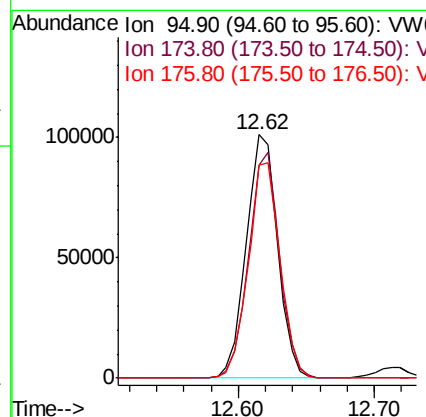
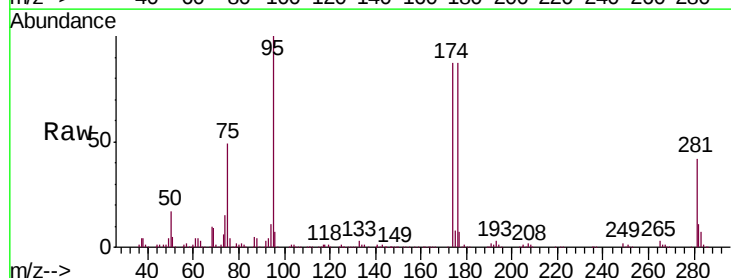
Instrument :
 MSVOA_W
 ClientSampleId :
 VW1108SBSD01

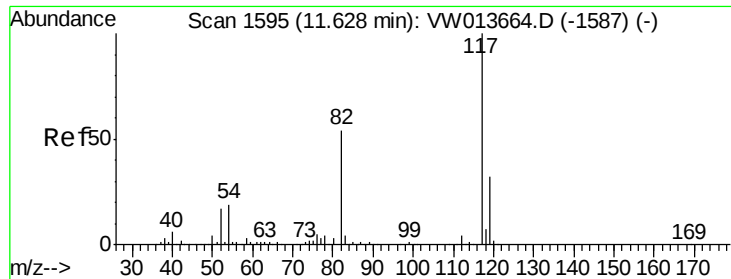
Tgt Ion: 107 Resp: 39350
 Ion Ratio Lower Upper
 107 100
 109 94.1 75.7 113.5



#62
 4-Bromofluorobenzene
 Concen: 52.342 ug/l
 RT: 12.62 min Scan# 1757
 Delta R.T. -0.00 min
 Lab File: VW013939.D
 Acq: 08 Nov 2019 12:57

Tgt Ion: 95 Resp: 163579
 Ion Ratio Lower Upper
 95 100
 174 91.2 0.0 183.6
 176 89.6 0.0 178.0

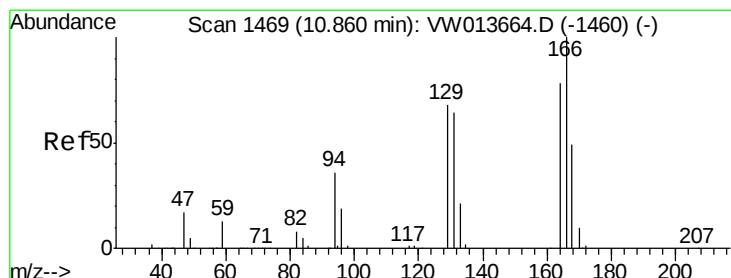
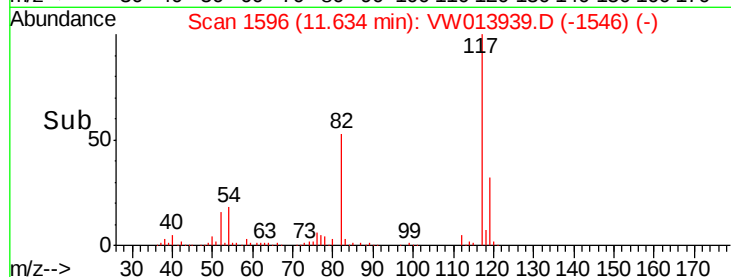
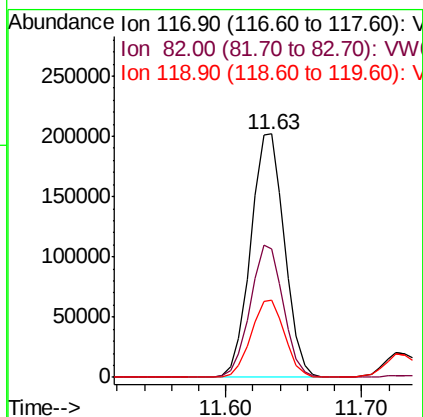
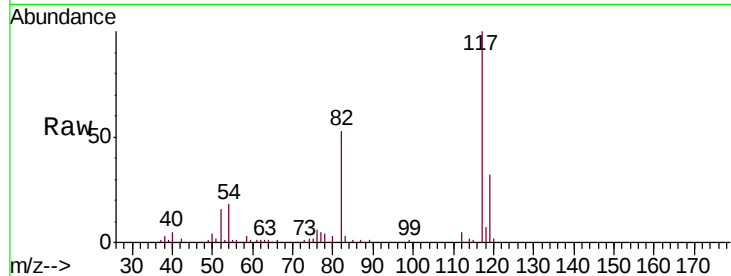




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.01 min
Lab File: VW013939.D
Acq: 08 Nov 2019 12:57

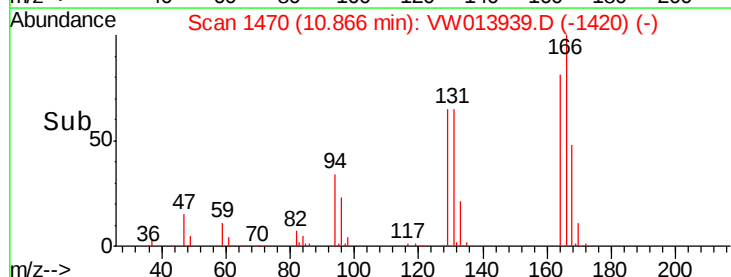
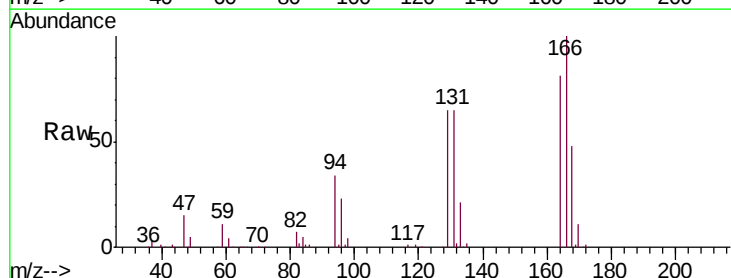
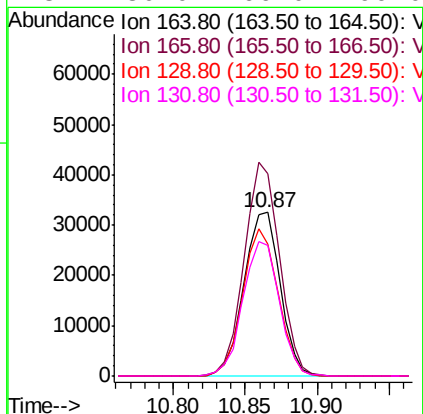
Instrument :
MSVOA_W
ClientSampleId :
VW1108SBSD01

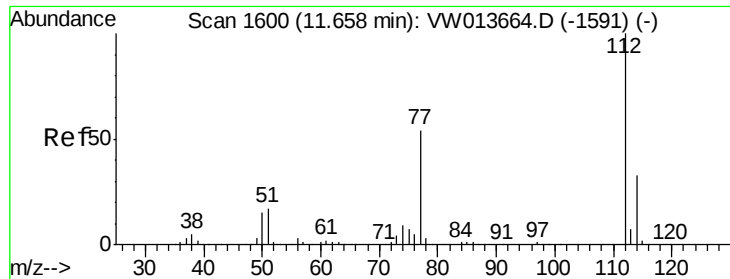
Tgt Ion:117 Resp: 352034
Ion Ratio Lower Upper
117 100
82 52.7 43.6 65.4
119 31.8 25.4 38.2



#64
Tetrachloroethene
Concen: 21.045 ug/l
RT: 10.87 min Scan# 1470
Delta R.T. 0.01 min
Lab File: VW013939.D
Acq: 08 Nov 2019 12:57

Tgt Ion:164 Resp: 56604
Ion Ratio Lower Upper
164 100
166 123.8 103.2 154.8
129 80.3 70.6 105.8
131 80.0 66.0 99.0

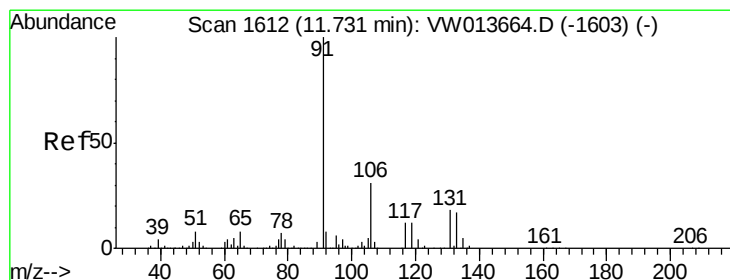
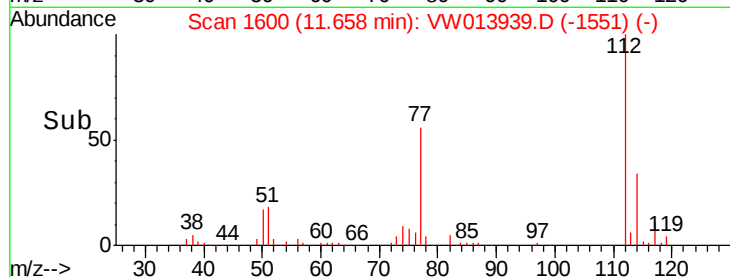
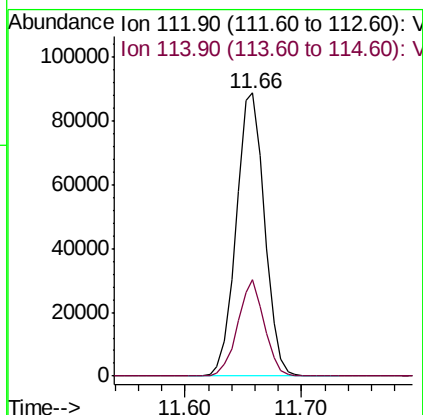
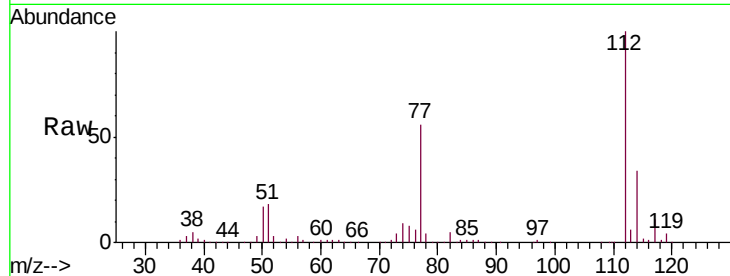




#65
Chlorobenzene
Concen: 20.798 ug/l
RT: 11.66 min Scan# 1600
Delta R.T. -0.00 min
Lab File: VW013939.D
Acq: 08 Nov 2019 12:57

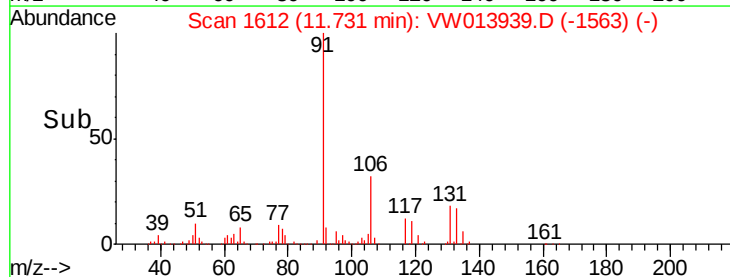
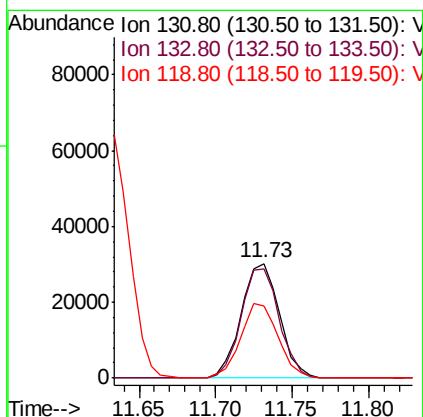
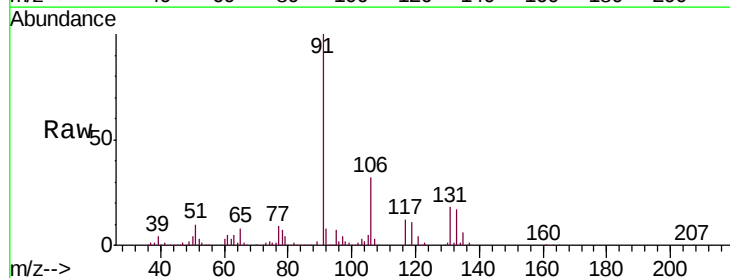
Instrument :
MSVOA_W
ClientSampleId :
VW1108SBS01

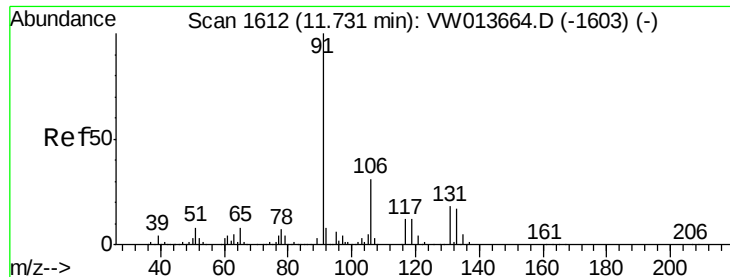
Tgt Ion:112 Resp: 150451
Ion Ratio Lower Upper
112 100
114 33.9 26.2 39.4



#66
1,1,1,2-Tetrachloroethane
Concen: 20.834 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. -0.00 min
Lab File: VW013939.D
Acq: 08 Nov 2019 12:57

Tgt Ion:131 Resp: 52598
Ion Ratio Lower Upper
131 100
133 95.6 47.4 142.3
119 63.8 33.1 99.2

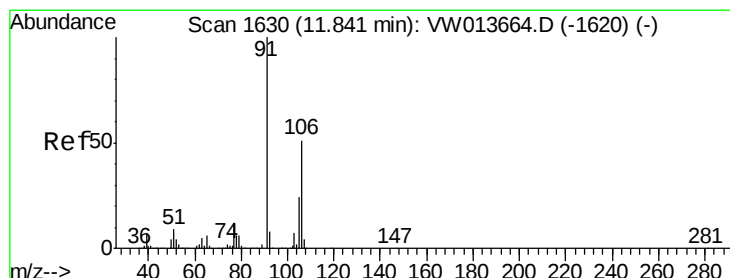
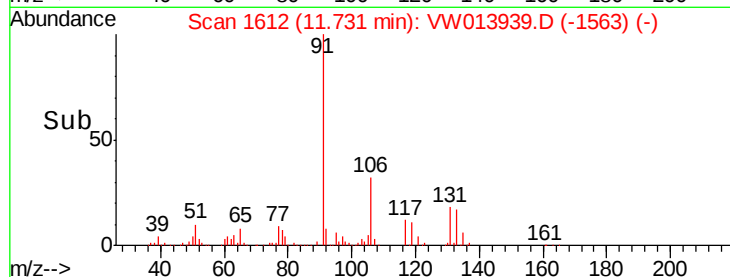
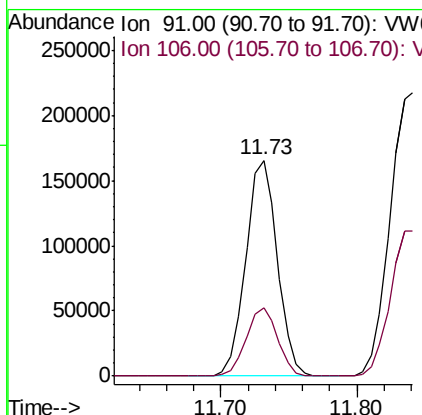
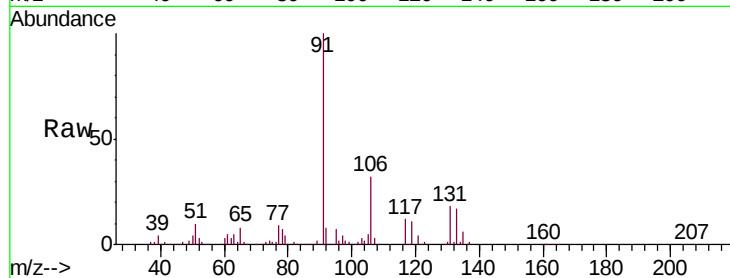




#67
Ethyl Benzene
Concen: 20.596 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. -0.00 min
Lab File: VW013939.D
Acq: 08 Nov 2019 12:57

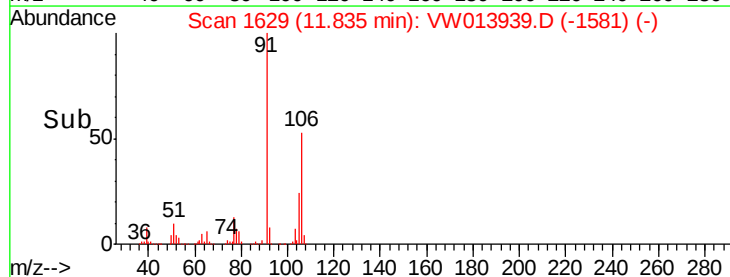
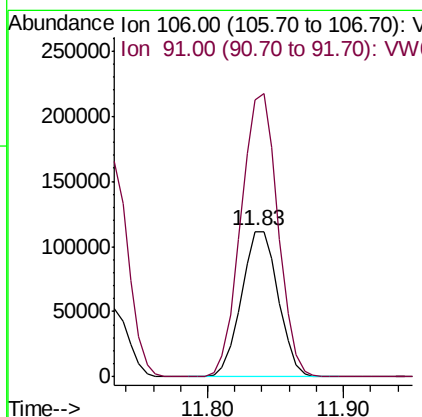
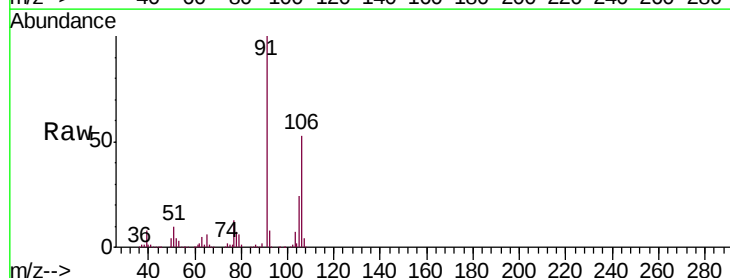
Instrument :
MSVOA_W
ClientSampleId :
VW1108SBSD01

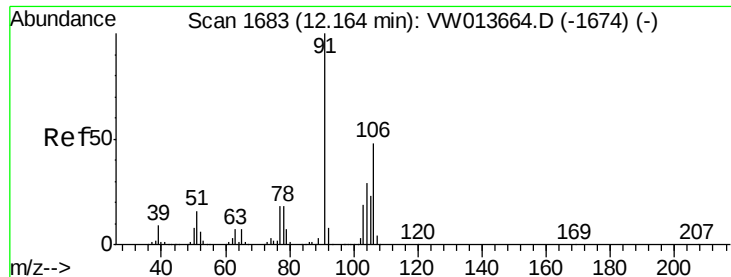
Tgt Ion: 91 Resp: 268658
Ion Ratio Lower Upper
91 100
106 31.7 25.0 37.6



#68
m/p-Xylenes
Concen: 42.119 ug/l
RT: 11.83 min Scan# 1629
Delta R.T. -0.01 min
Lab File: VW013939.D
Acq: 08 Nov 2019 12:57

Tgt Ion: 106 Resp: 212265
Ion Ratio Lower Upper
106 100
91 194.6 159.2 238.8

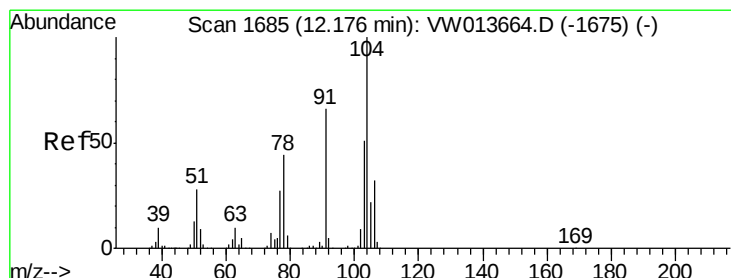
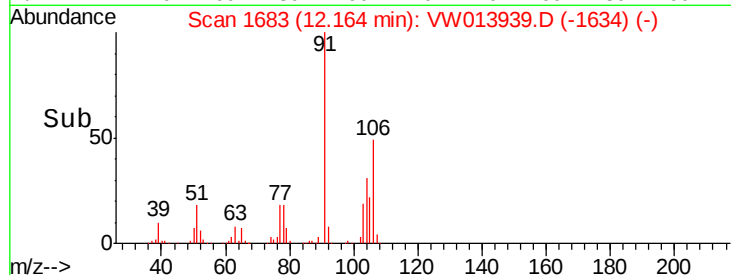
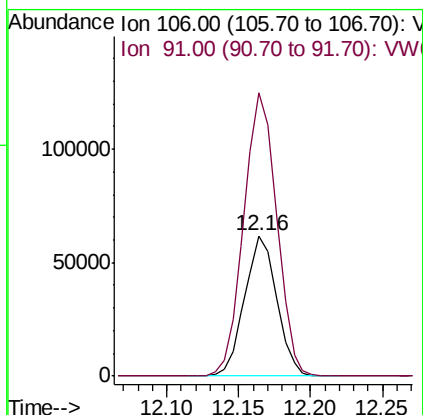
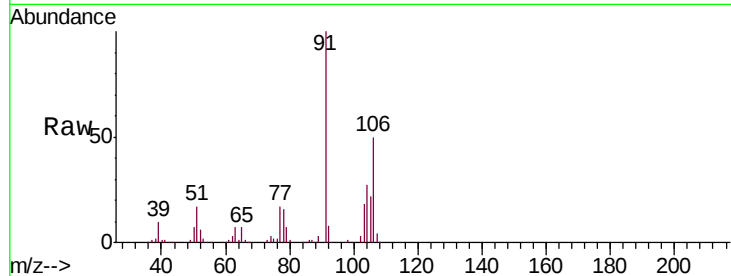




#69
o-Xylene
Concen: 20.668 ug/l
RT: 12.16 min Scan# 1683
Delta R.T. -0.00 min
Lab File: VW013939.D
Acq: 08 Nov 2019 12:57

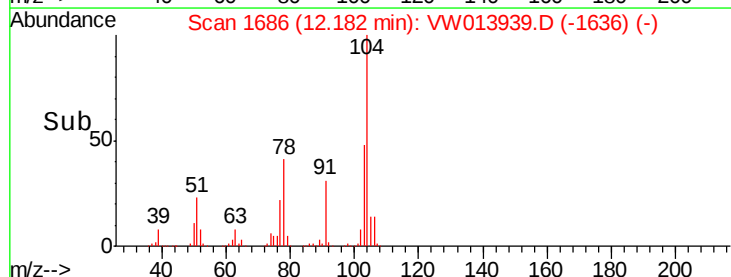
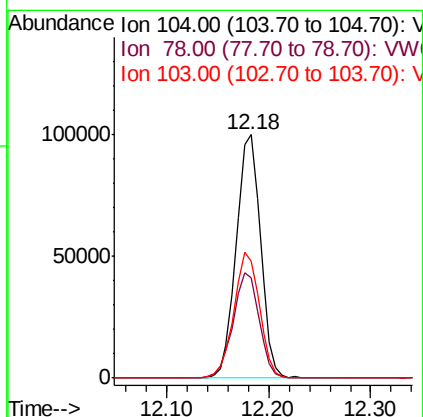
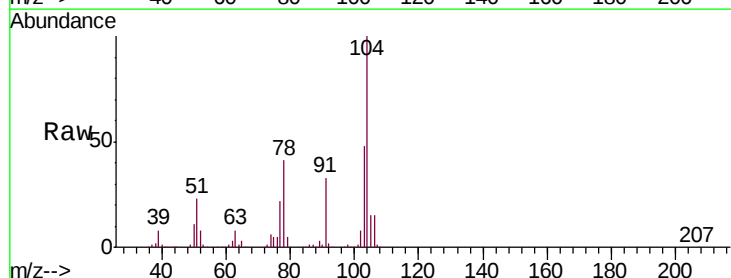
Instrument :
MSVOA_W
ClientSampled :
VW1108SBSD01

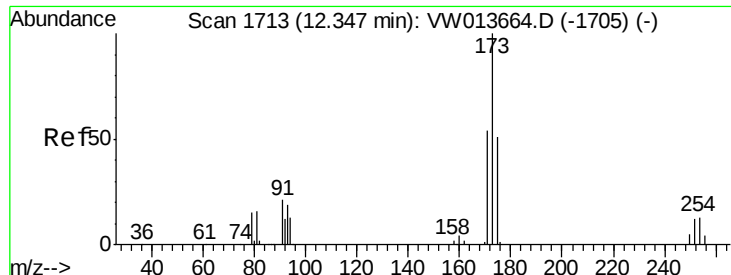
Tgt Ion:106 Resp: 95742
Ion Ratio Lower Upper
106 100
91 207.4 104.9 314.7



#70
Styrene
Concen: 20.649 ug/l
RT: 12.18 min Scan# 1686
Delta R.T. 0.01 min
Lab File: VW013939.D
Acq: 08 Nov 2019 12:57

Tgt Ion:104 Resp: 164341
Ion Ratio Lower Upper
104 100
78 46.3 37.1 55.7
103 54.3 43.6 65.4

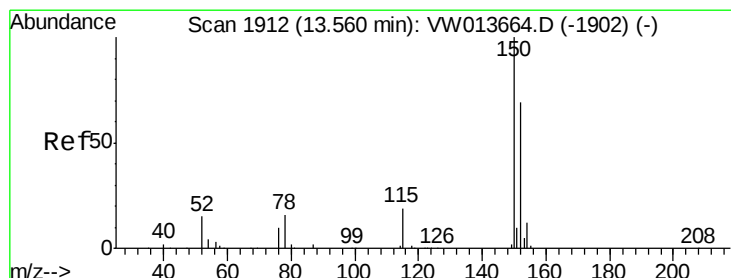
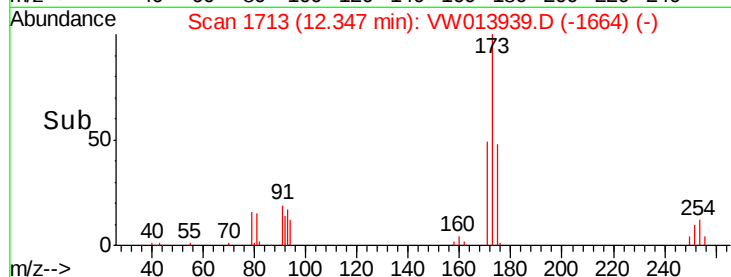
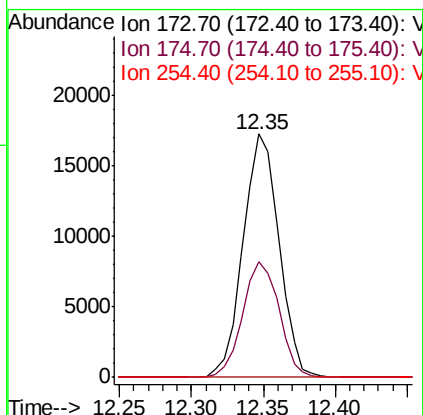
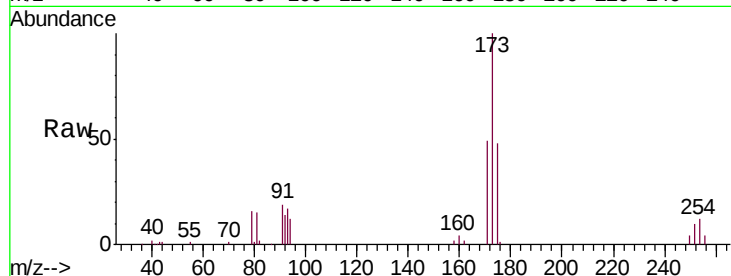




#71
Bromoform
Concen: 22.420 ug/l
RT: 12.35 min Scan# 1713
Delta R.T. -0.00 min
Lab File: VW013939.D
Acq: 08 Nov 2019 12:57

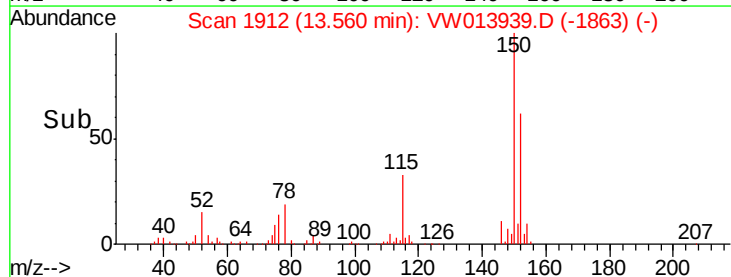
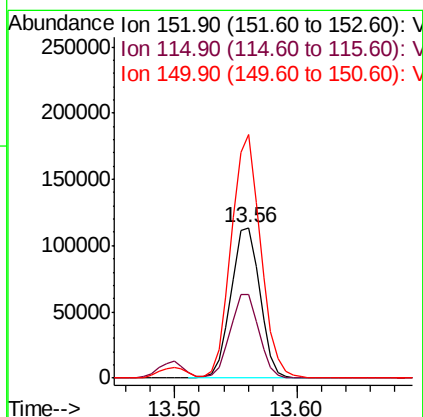
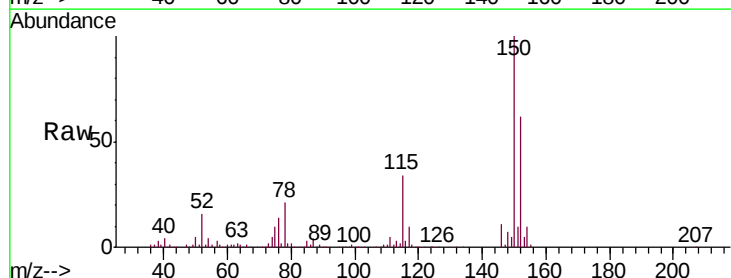
Instrument :
MSVOA_W
ClientSampleId :
VW1108SBSD01

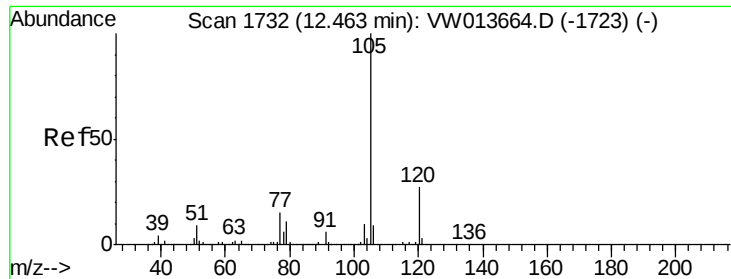
Tgt Ion:173 Resp: 29704
Ion Ratio Lower Upper
173 100
175 48.0 25.2 75.6
254 0.0 0.1 0.1#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. -0.00 min
Lab File: VW013939.D
Acq: 08 Nov 2019 12:57

Tgt Ion:152 Resp: 184926
Ion Ratio Lower Upper
152 100
115 55.3 27.4 82.2
150 164.1 0.0 345.4





#73

Isopropylbenzene

Concen: 20.090 ug/l

RT: 12.46 min Scan# 1732

Delta R.T. -0.00 min

Lab File: VW013939.D

Acq: 08 Nov 2019 12:57

Instrument :

MSVOA_W

ClientSampleId :

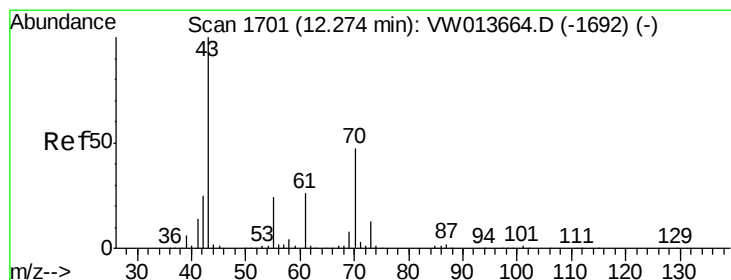
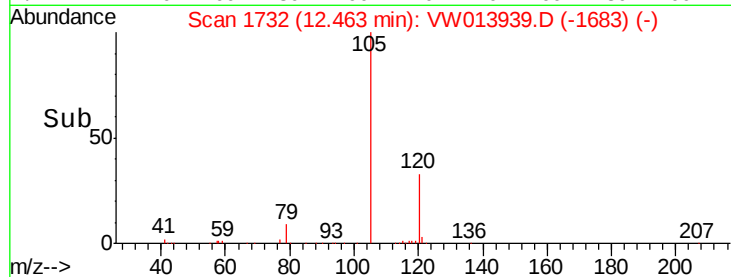
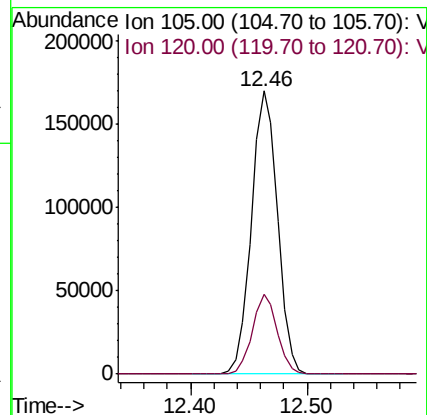
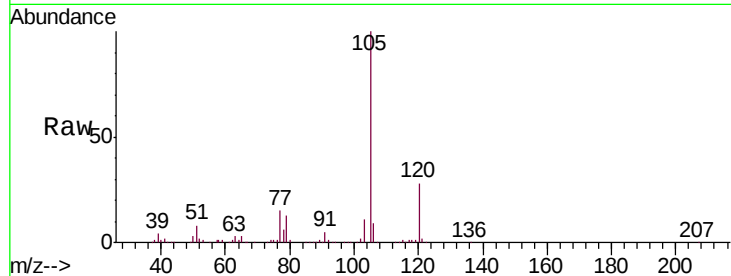
VW1108SBSD01

Tgt Ion: 105 Resp: 266800

Ion Ratio Lower Upper

105 100

120 26.8 13.5 40.4



#74

N-ethyl acetate

Concen: 22.599 ug/l

RT: 12.27 min Scan# 1701

Delta R.T. -0.00 min

Lab File: VW013939.D

Acq: 08 Nov 2019 12:57

Tgt Ion: 43 Resp: 58056

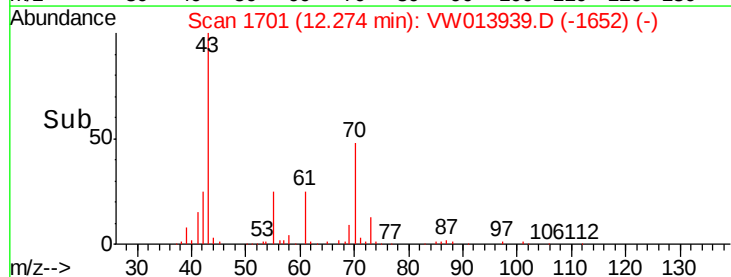
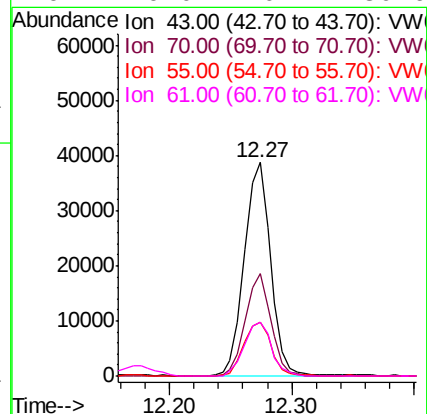
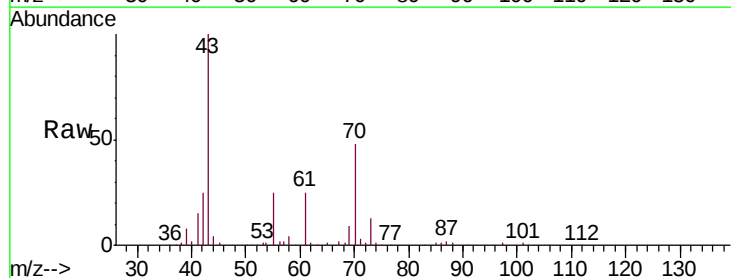
Ion Ratio Lower Upper

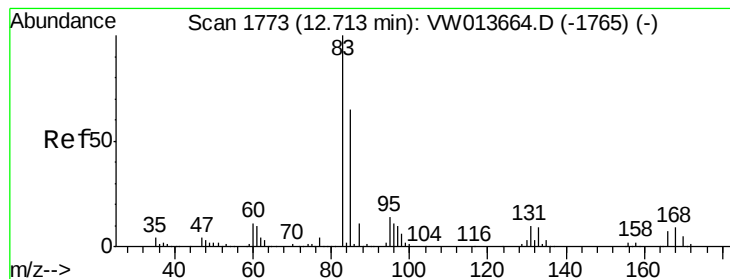
43 100

70 46.7 36.6 55.0

55 26.5 20.3 30.5

61 26.0 20.4 30.6





#75

1,1,2,2-Tetrachloroethane

Concen: 22.618 ug/l

RT: 12.71 min Scan# 1773

Delta R.T. -0.00 min

Lab File: VW013939.D

Acq: 08 Nov 2019 12:57

Instrument :

MSVOA_W

ClientSampleId :

VW1108SBSD01

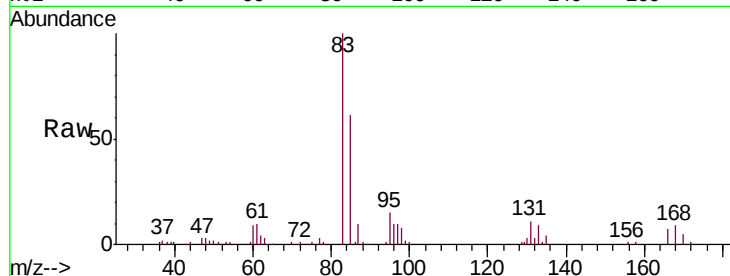
Tgt Ion: 83 Resp: 47400

Ion Ratio Lower Upper

83 100

131 10.4 5.7 17.1

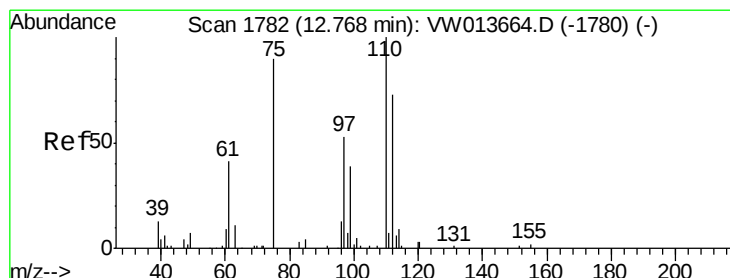
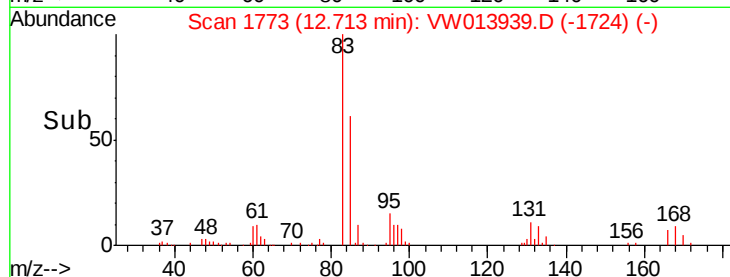
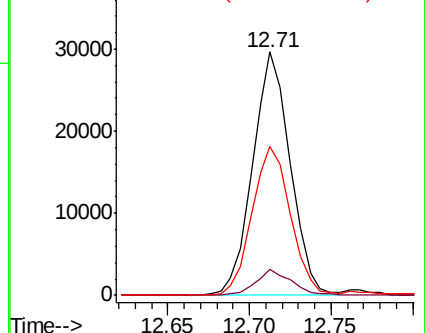
85 62.8 32.5 97.4



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: 45.526 ug/l

RT: 12.77 min Scan# 1782

Delta R.T. -0.00 min

Lab File: VW013939.D

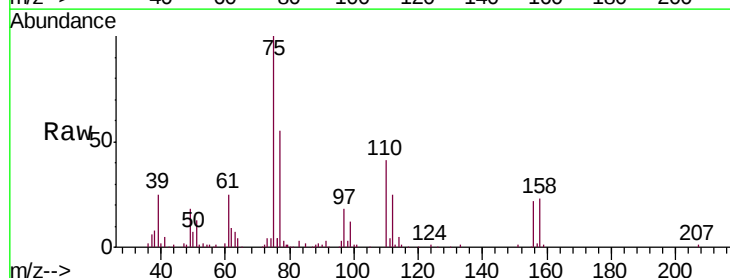
Acq: 08 Nov 2019 12:57

Tgt Ion: 75 Resp: 60460

Ion Ratio Lower Upper

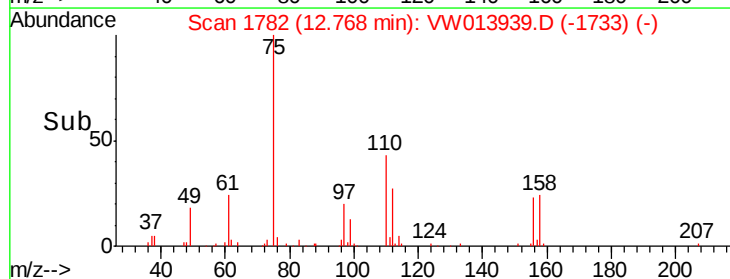
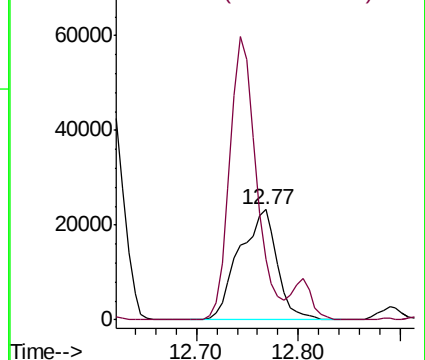
75 100

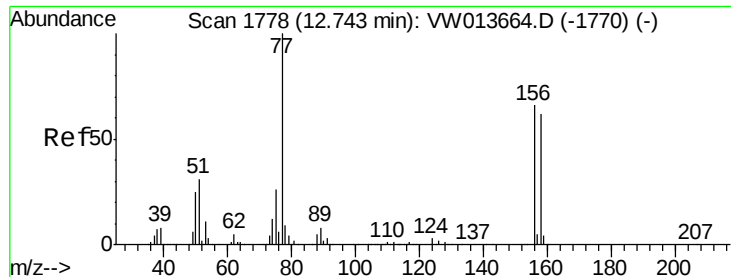
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 77.00 (76.70 to 77.70): VW





#77

Bromobenzene

Concen: 20.249 ug/l

RT: 12.74 min Scan# 1778

Delta R.T. -0.00 min

Lab File: VW013939.D

Acq: 08 Nov 2019 12:57

Instrument :

MSVOA_W

ClientSampleId :

VW1108SBSD01

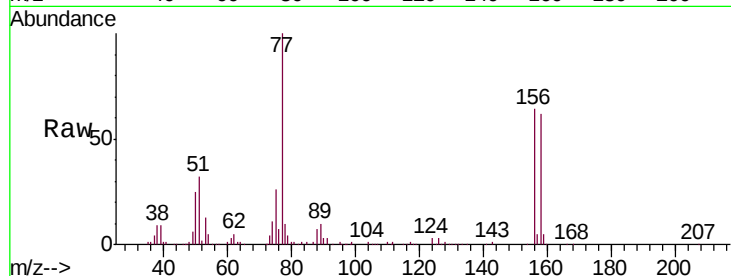
Tgt Ion:156 Resp: 64240

Ion Ratio Lower Upper

156 100

77 169.2 82.9 248.7

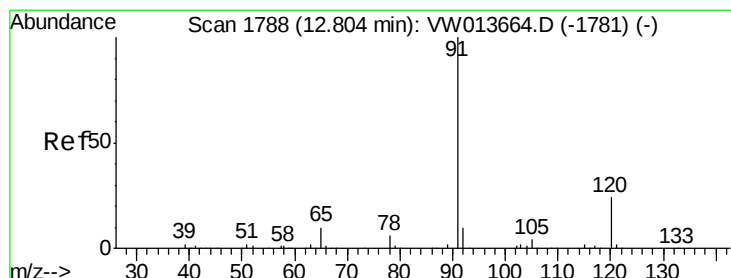
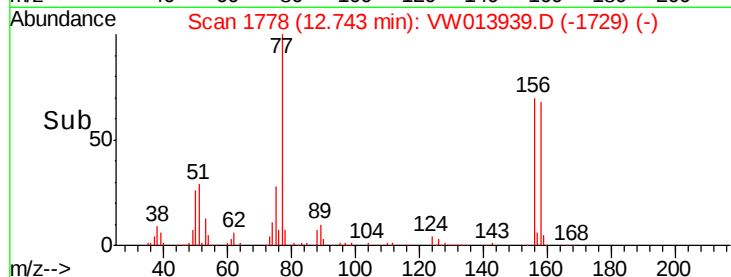
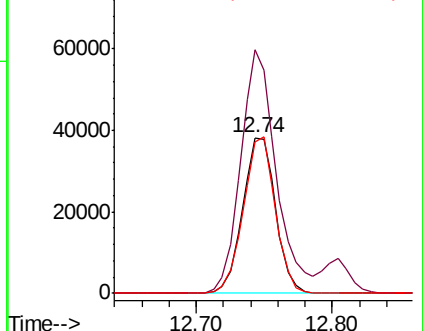
158 97.8 48.4 145.2



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VW

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 20.513 ug/l

RT: 12.80 min Scan# 1788

Delta R.T. -0.00 min

Lab File: VW013939.D

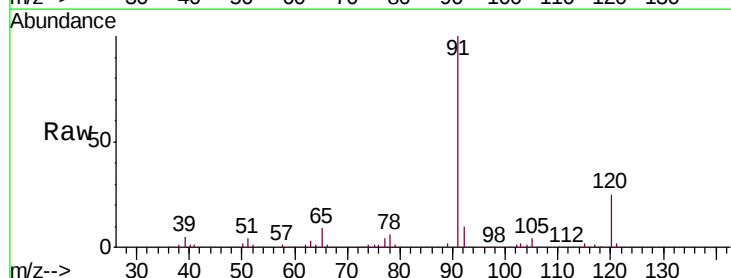
Acq: 08 Nov 2019 12:57

Tgt Ion: 91 Resp: 315306

Ion Ratio Lower Upper

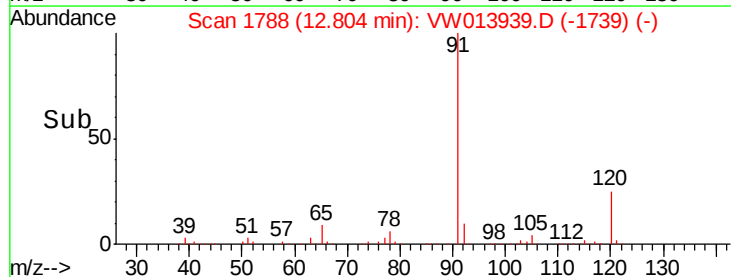
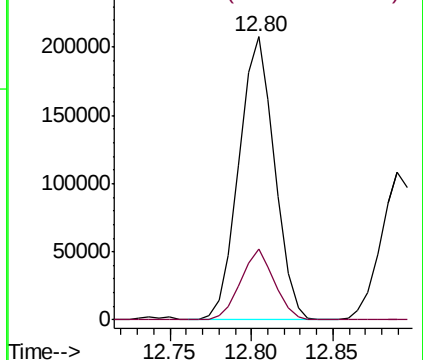
91 100

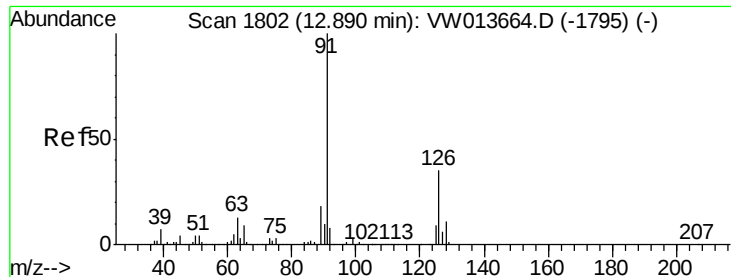
120 23.6 12.0 36.0



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 20.029 ug/l

RT: 12.89 min Scan# 1802

Delta R.T. -0.00 min

Lab File: VW013939.D

Acq: 08 Nov 2019 12:57

Instrument :

MSVOA_W

ClientSampleId :

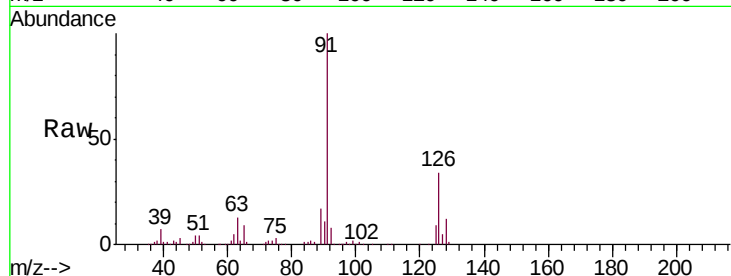
VW1108SBSD01

Tgt Ion: 91 Resp: 173012

Ion Ratio Lower Upper

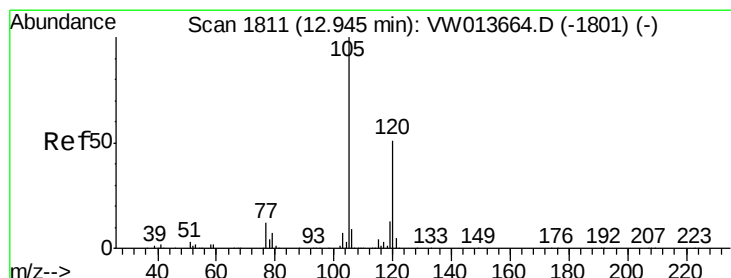
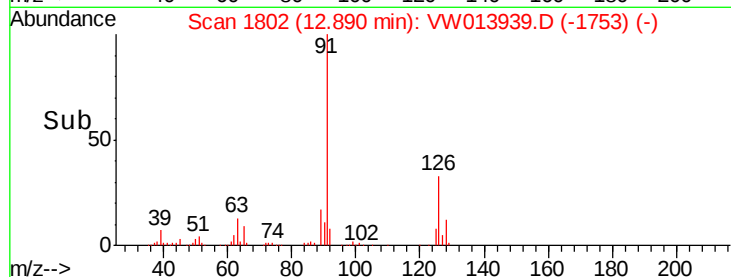
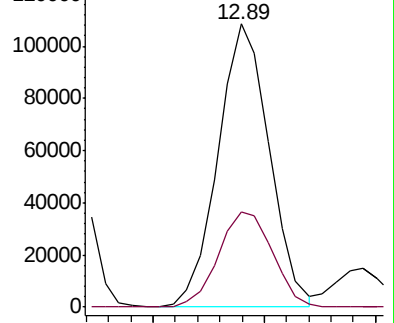
91 100

126 35.7 17.4 52.2



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 125.90 (125.60 to 126.60): V



#80

1,3,5-Trimethylbenzene

Concen: 20.349 ug/l

RT: 12.94 min Scan# 1811

Delta R.T. -0.00 min

Lab File: VW013939.D

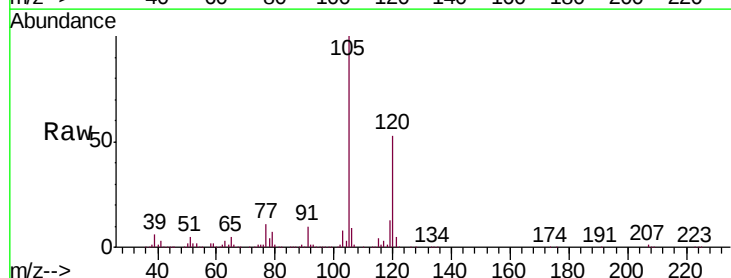
Acq: 08 Nov 2019 12:57

Tgt Ion: 105 Resp: 228121

Ion Ratio Lower Upper

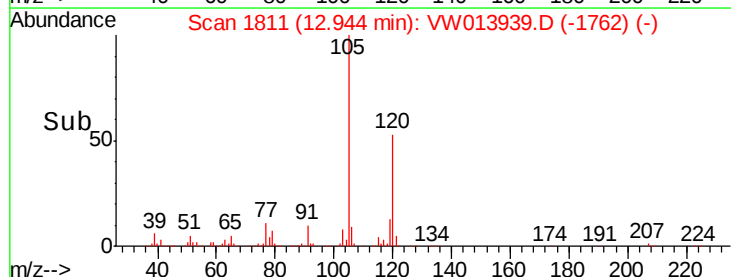
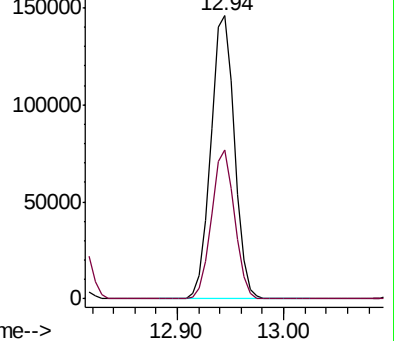
105 100

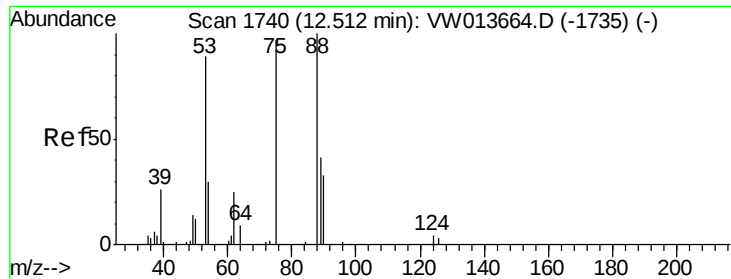
120 51.6 25.1 75.3



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: 23.243 ug/l

RT: 12.51 min Scan# 1740

Delta R.T. -0.00 min

Lab File: VW013939.D

Acq: 08 Nov 2019 12:57

Instrument :

MSVOA_W

ClientSampleId :

VW1108SBSD01

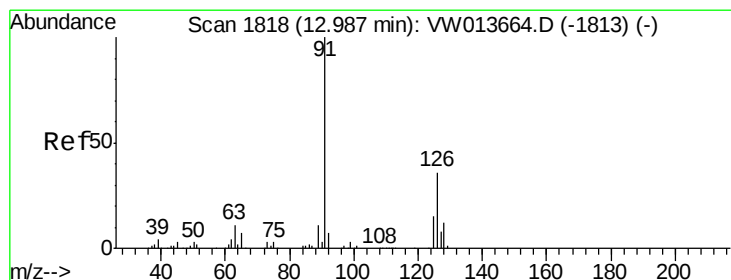
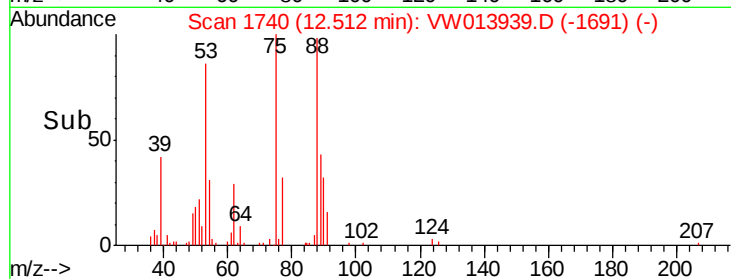
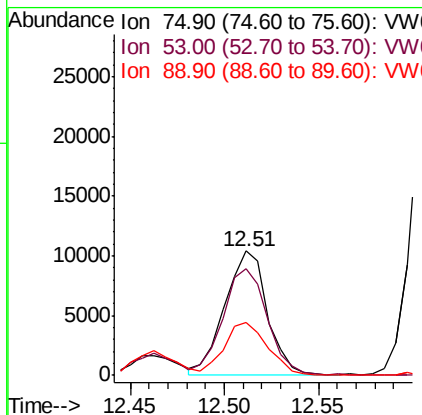
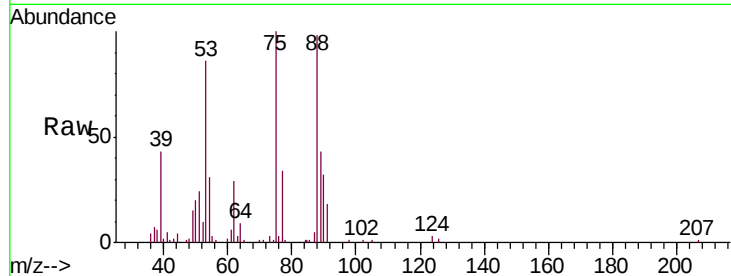
Tgt Ion: 75 Resp: 16333

Ion Ratio Lower Upper

75 100

53 89.7 71.7 107.5

89 43.0 35.8 53.8



#82

4-Chlorotoluene

Concen: 20.261 ug/l

RT: 12.99 min Scan# 1818

Delta R.T. -0.00 min

Lab File: VW013939.D

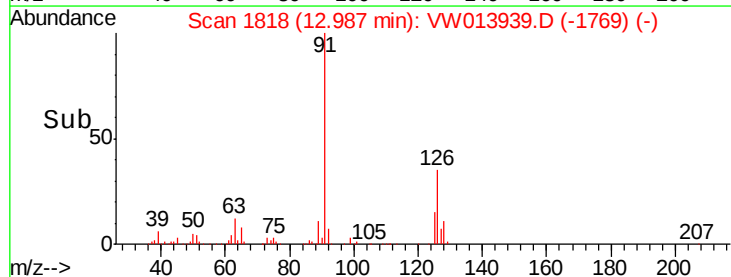
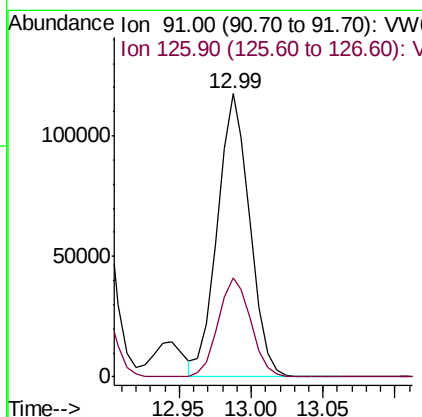
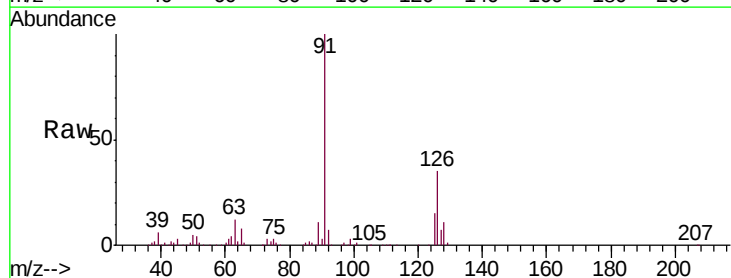
Acq: 08 Nov 2019 12:57

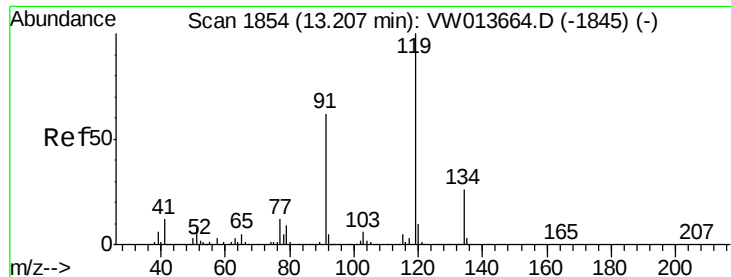
Tgt Ion: 91 Resp: 183739

Ion Ratio Lower Upper

91 100

126 35.5 17.2 51.5

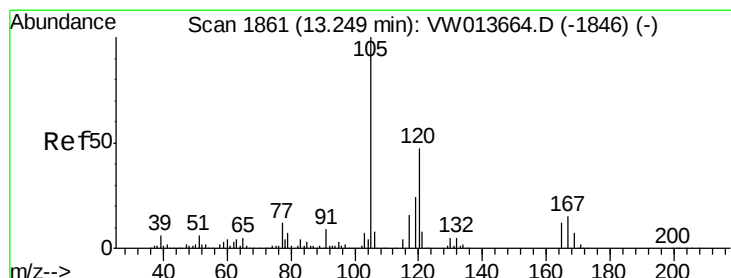
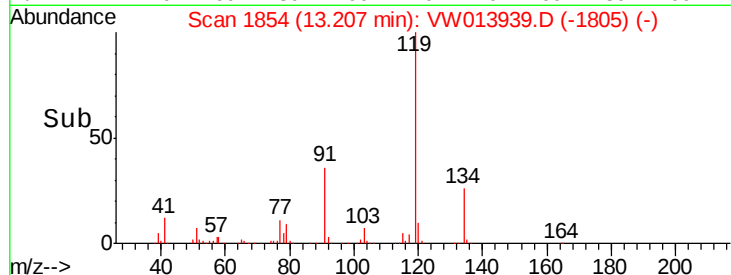
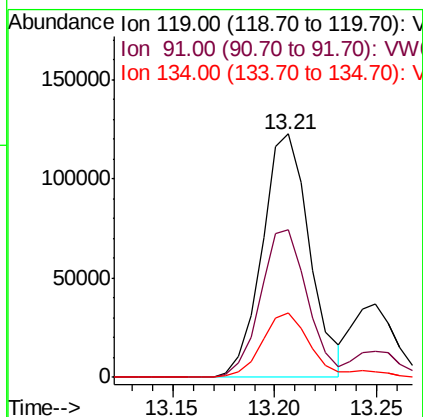
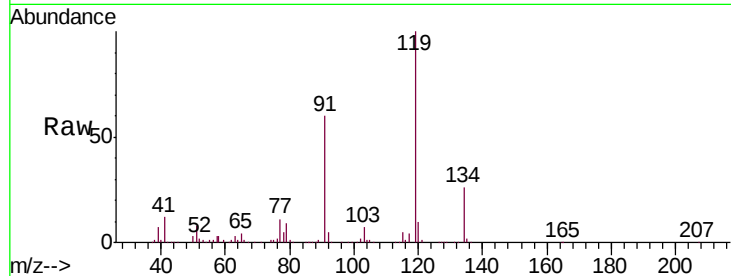




#83
tert-Butylbenzene
Concen: 20.019 ug/l
RT: 13.21 min Scan# 1854
Delta R.T. -0.00 min
Lab File: VW013939.D
Acq: 08 Nov 2019 12:57

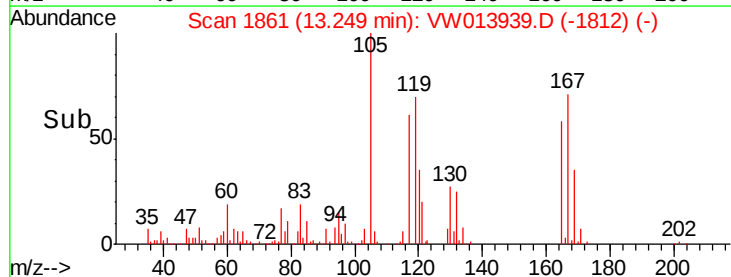
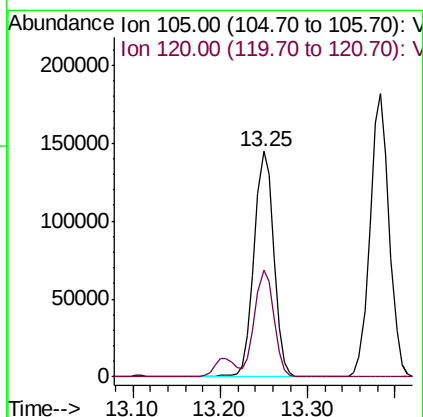
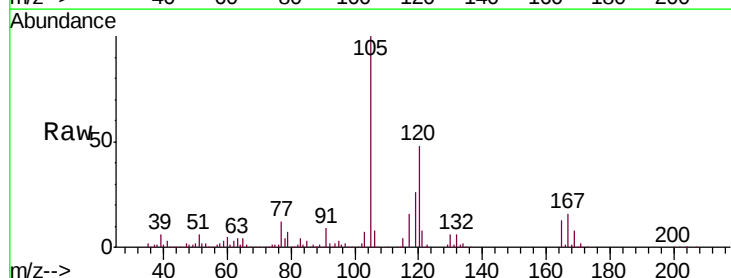
Instrument :
MSVOA_W
ClientSampleId :
VW1108SBS01

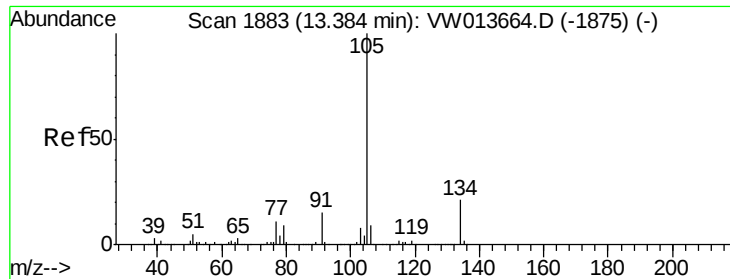
Tgt Ion:119 Resp: 199212
Ion Ratio Lower Upper
119 100
91 59.9 30.4 91.3
134 26.3 13.6 40.8



#84
1,2,4-Trimethylbenzene
Concen: 20.434 ug/l
RT: 13.25 min Scan# 1861
Delta R.T. -0.00 min
Lab File: VW013939.D
Acq: 08 Nov 2019 12:57

Tgt Ion:105 Resp: 225972
Ion Ratio Lower Upper
105 100
120 46.2 23.5 70.5

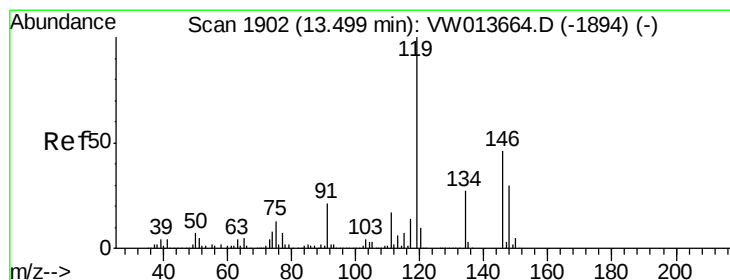
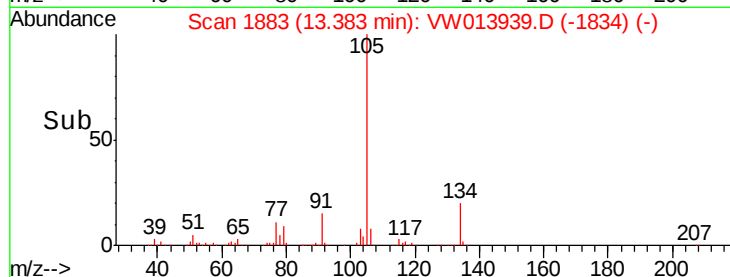
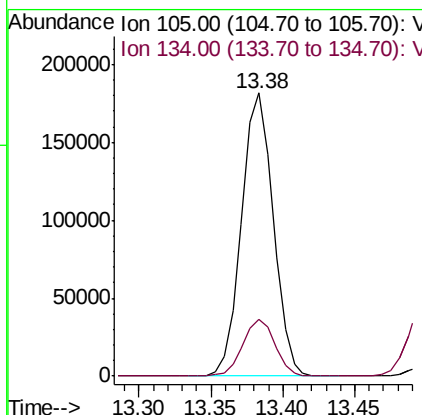
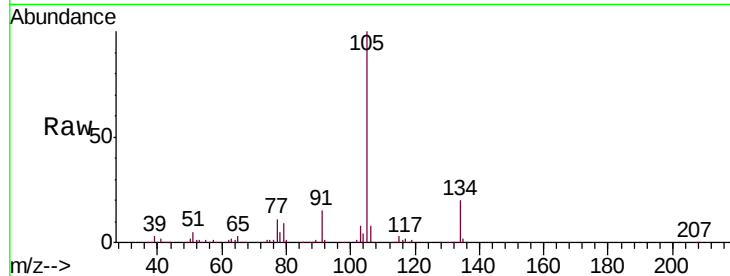




#85
 sec-Butylbenzene
 Concen: 20.362 ug/l
 RT: 13.38 min Scan# 1883
 Delta R.T. -0.00 min
 Lab File: VW013939.D
 Acq: 08 Nov 2019 12:57

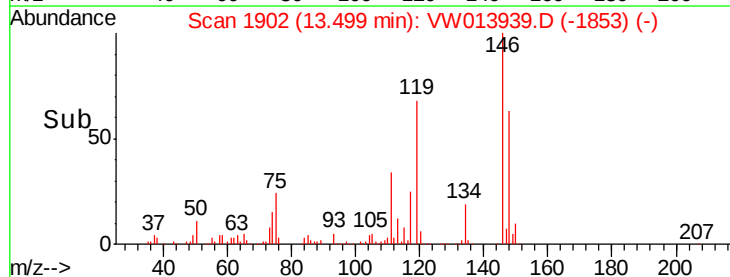
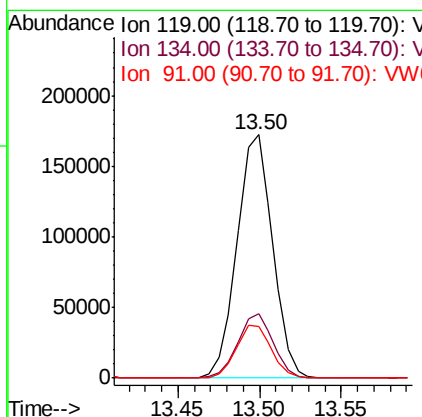
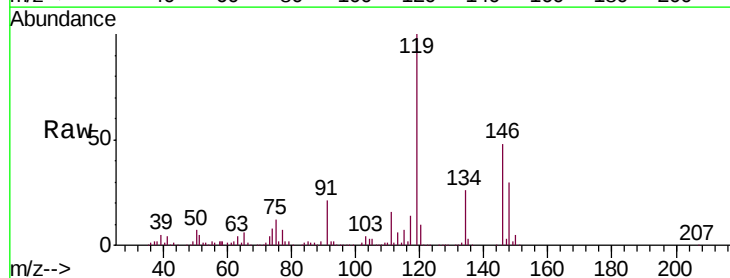
Instrument :
 MSVOA_W
 ClientSampleId :
 VW1108SBSD01

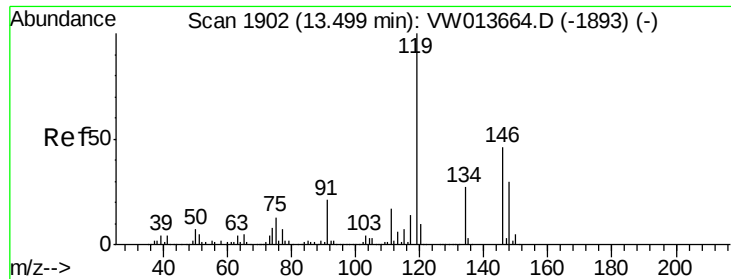
Tgt Ion:105 Resp: 277074
 Ion Ratio Lower Upper
 105 100
 134 20.3 10.5 31.5



#86
 p-Isopropyltoluene
 Concen: 20.591 ug/l
 RT: 13.50 min Scan# 1902
 Delta R.T. -0.00 min
 Lab File: VW013939.D
 Acq: 08 Nov 2019 12:57

Tgt Ion:119 Resp: 261009
 Ion Ratio Lower Upper
 119 100
 134 26.4 13.4 40.1
 91 21.8 10.8 32.3

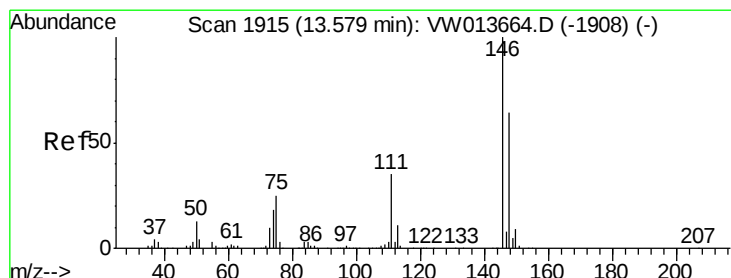
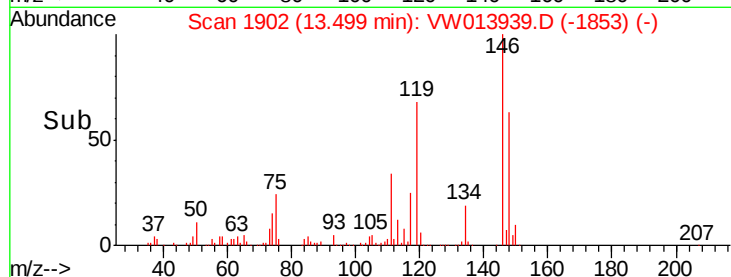
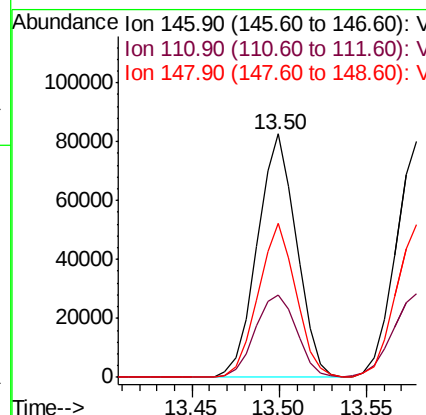
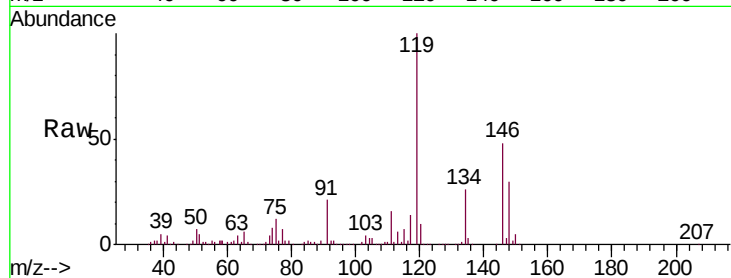




#87
 1,3-Dichlorobenzene
 Concen: 20.861 ug/l
 RT: 13.50 min Scan# 1902
 Delta R.T. -0.00 min
 Lab File: VW013939.D
 Acq: 08 Nov 2019 12:57

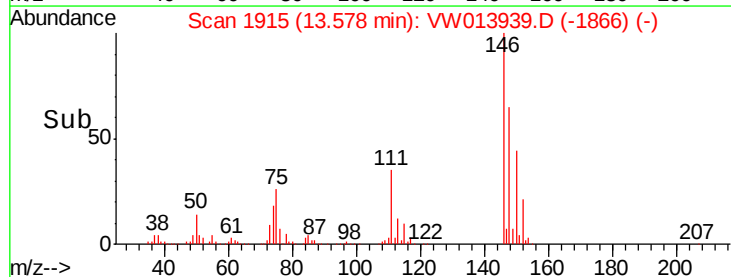
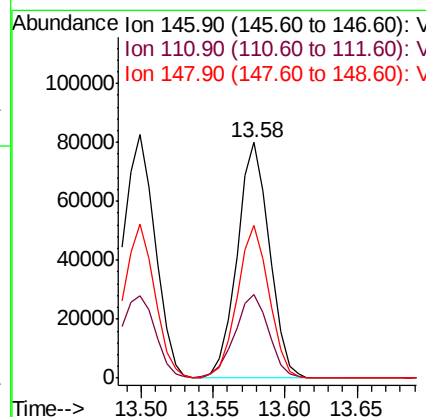
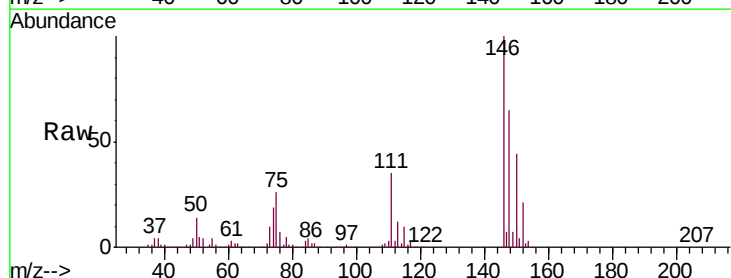
Instrument :
 MSVOA_W
 ClientSampleId :
 VW1108SBSD01

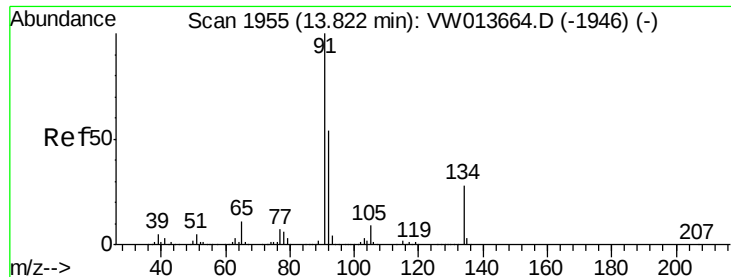
Tgt Ion:146 Resp: 128224
 Ion Ratio Lower Upper
 146 100
 111 36.1 18.6 56.0
 148 61.6 31.7 95.1



#88
 1,4-Dichlorobenzene
 Concen: 20.470 ug/l
 RT: 13.58 min Scan# 1915
 Delta R.T. -0.00 min
 Lab File: VW013939.D
 Acq: 08 Nov 2019 12:57

Tgt Ion:146 Resp: 125000
 Ion Ratio Lower Upper
 146 100
 111 37.5 18.1 54.3
 148 63.9 32.0 96.2





#89

n-Butylbenzene

Concen: 20.477 ug/l

RT: 13.82 min Scan# 1955

Delta R.T. -0.00 min

Lab File: VW013939.D

Acq: 08 Nov 2019 12:57

Instrument :

MSVOA_W

ClientSampleId :

VW1108SBS01

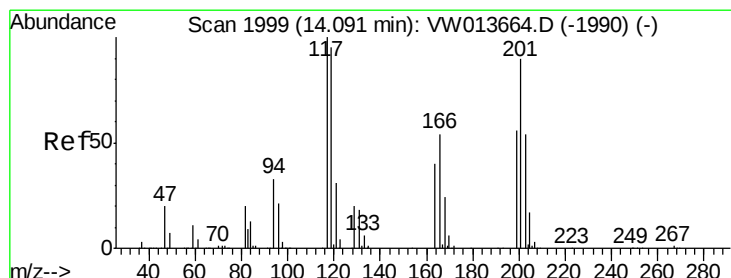
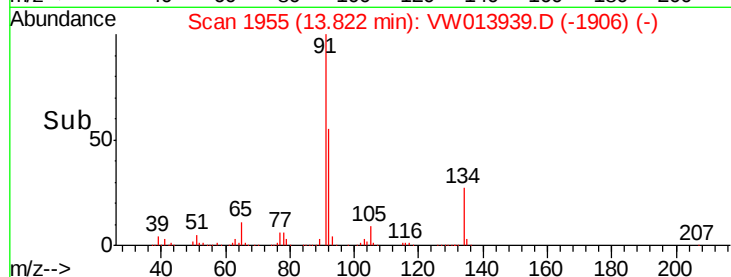
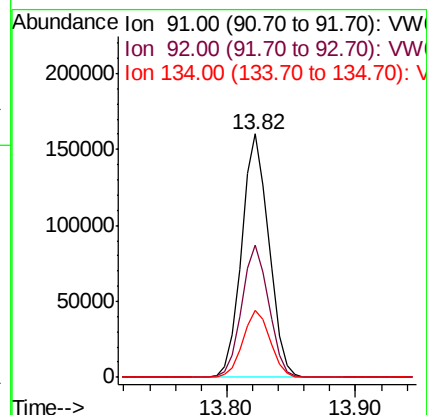
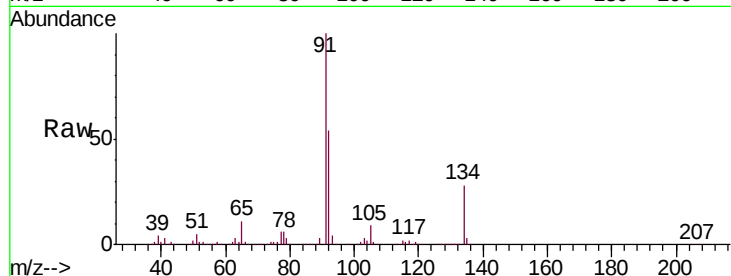
Tgt Ion: 91 Resp: 234282

Ion Ratio Lower Upper

91 100

92 53.9 27.5 82.4

134 27.4 14.0 41.9



#90

Hexachloroethane

Concen: 19.768 ug/l

RT: 14.09 min Scan# 1999

Delta R.T. -0.00 min

Lab File: VW013939.D

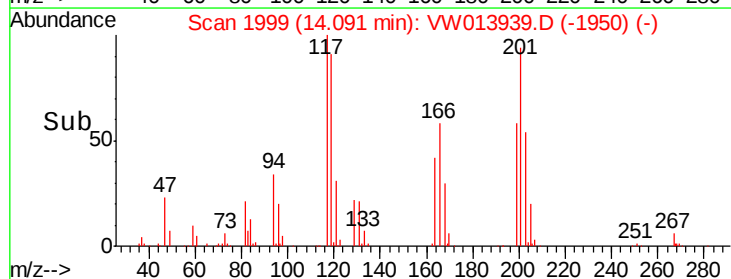
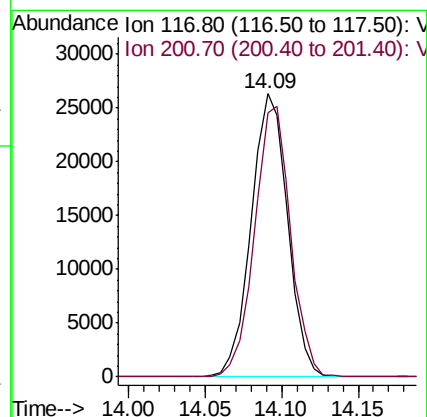
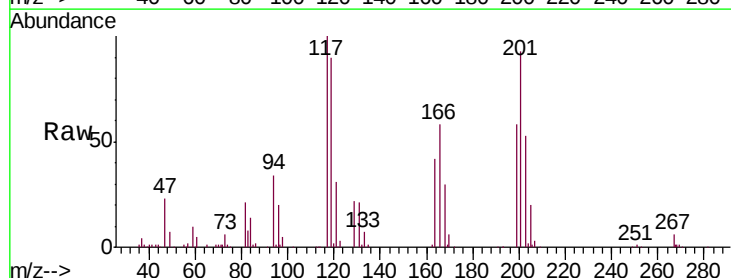
Acq: 08 Nov 2019 12:57

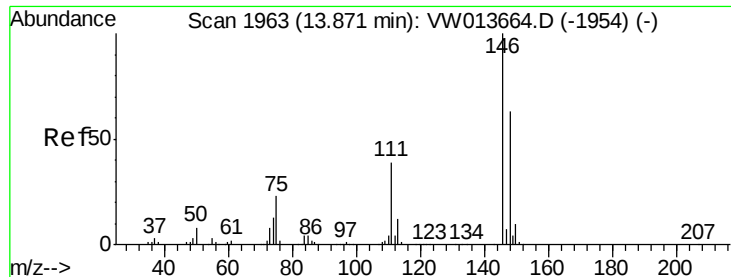
Tgt Ion: 117 Resp: 43555

Ion Ratio Lower Upper

117 100

201 94.5 46.1 138.2

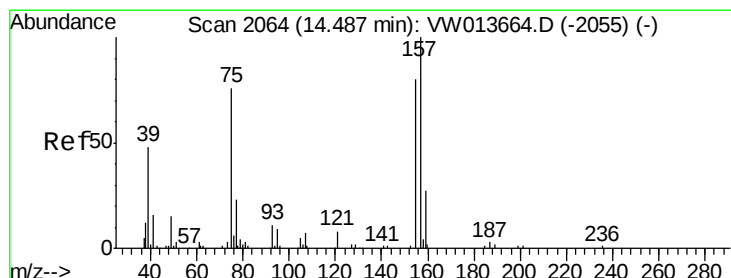
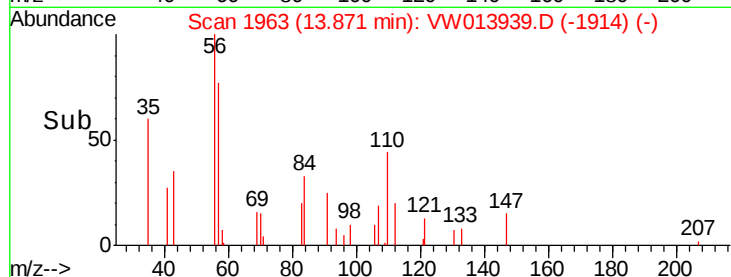
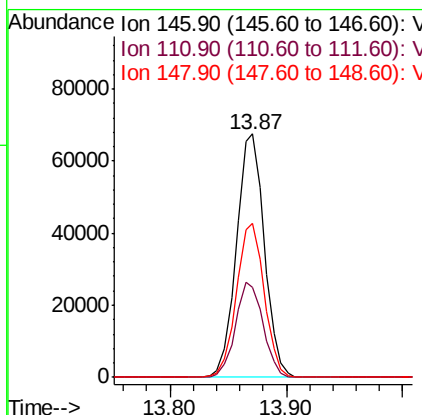
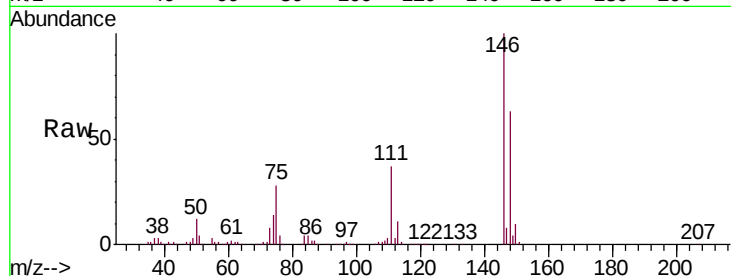




#91
 1,2-Dichlorobenzene
 Concen: 21.158 ug/l
 RT: 13.87 min Scan# 1963
 Delta R.T. -0.00 min
 Lab File: VW013939.D
 Acq: 08 Nov 2019 12:57

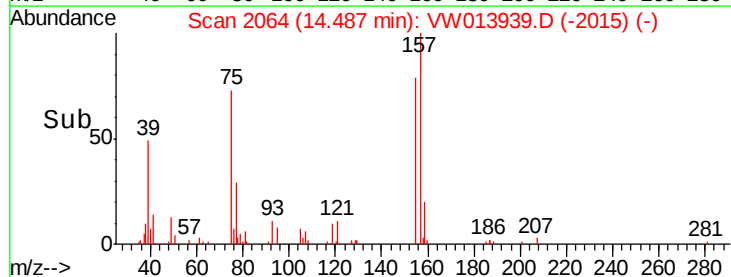
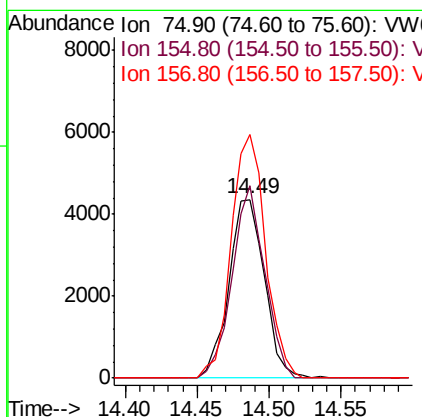
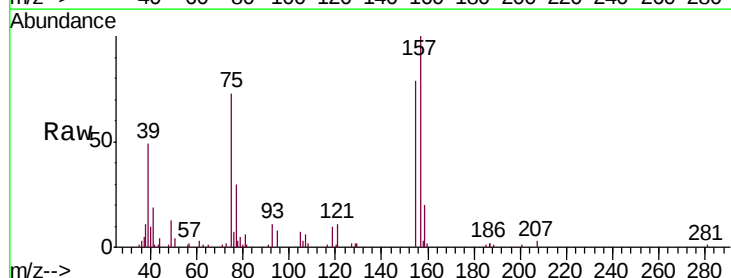
Instrument :
 MSVOA_W
 ClientSampleId :
 VW1108SBS01

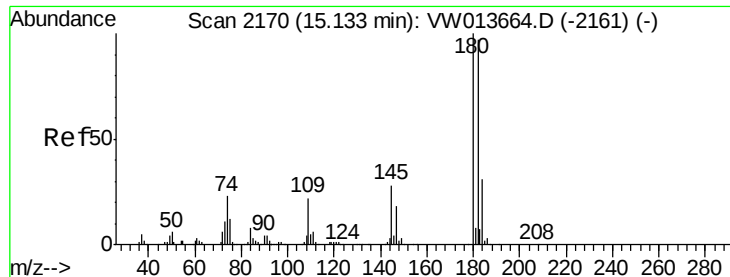
Tgt Ion: 146 Resp: 112762
 Ion Ratio Lower Upper
 146 100
 111 38.6 19.9 59.6
 148 63.3 31.9 95.9



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 23.796 ug/l
 RT: 14.49 min Scan# 2064
 Delta R.T. -0.00 min
 Lab File: VW013939.D
 Acq: 08 Nov 2019 12:57

Tgt Ion: 75 Resp: 7541
 Ion Ratio Lower Upper
 75 100
 155 98.4 51.9 155.7
 157 131.2 64.8 194.3

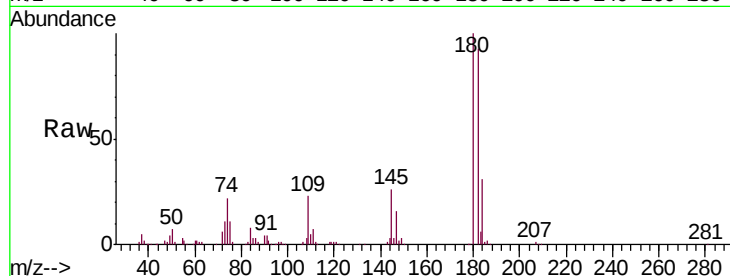




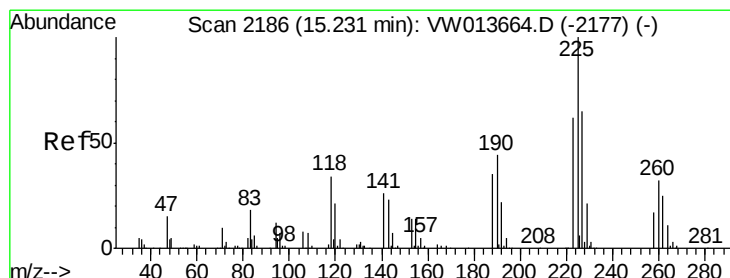
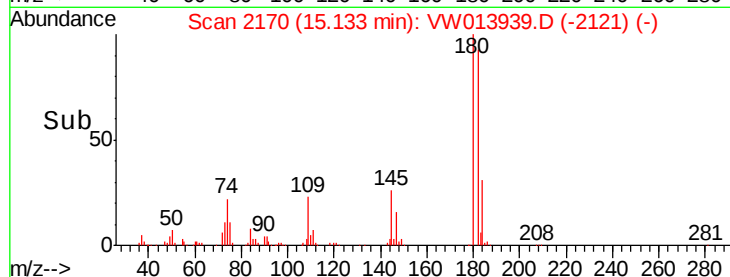
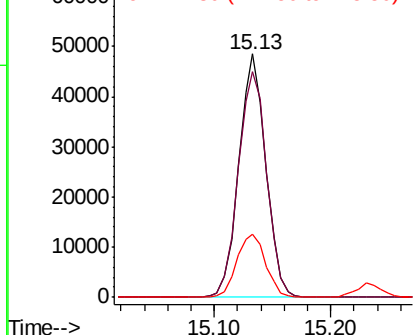
#93
 1,2,4-Trichlorobenzene
 Concen: 20.109 ug/l
 RT: 15.13 min Scan# 2170
 Delta R.T. -0.00 min
 Lab File: VW013939.D
 Acq: 08 Nov 2019 12:57

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1108SBSD01

Tgt Ion:180 Resp: 77997
 Ion Ratio Lower Upper
 180 100
 182 97.9 47.4 142.2
 145 27.9 14.1 42.3

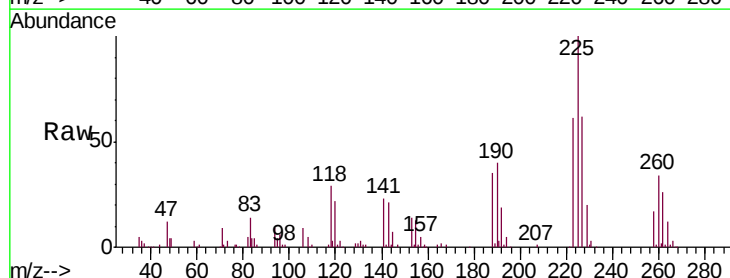


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

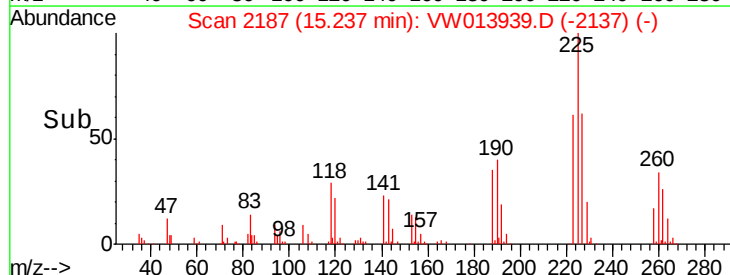
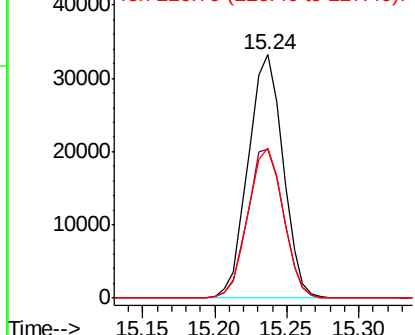


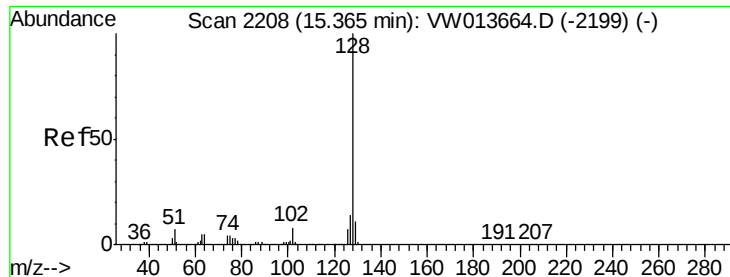
#94
 Hexachlorobutadiene
 Concen: 21.241 ug/l
 RT: 15.24 min Scan# 2187
 Delta R.T. 0.01 min
 Lab File: VW013939.D
 Acq: 08 Nov 2019 12:57

Tgt Ion:225 Resp: 55618
 Ion Ratio Lower Upper
 225 100
 223 63.3 31.9 95.9
 227 62.7 32.5 97.4



Abundance Ion 224.70 (224.40 to 225.40): V
 Ion 222.70 (222.40 to 223.40): V
 Ion 226.70 (226.40 to 227.40): V

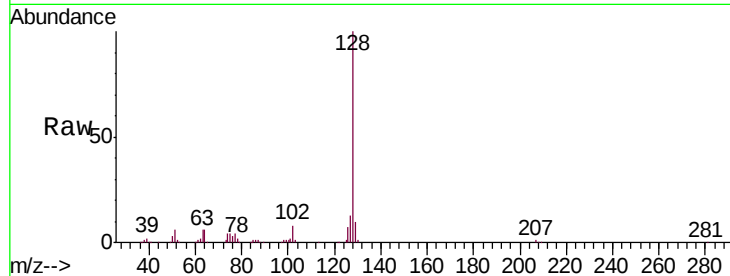




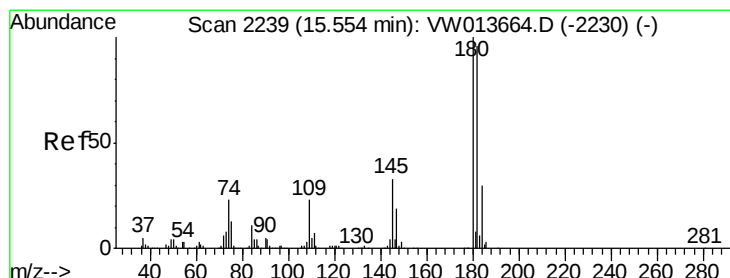
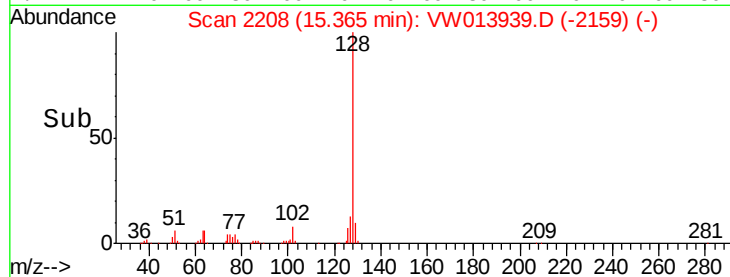
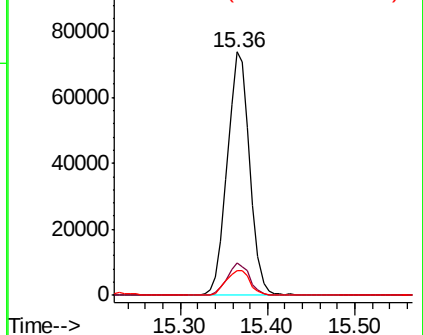
#95
Naphthalene
Concen: 21.630 ug/l
RT: 15.36 min Scan# 2208
Delta R.T. -0.00 min
Lab File: VW013939.D
Acq: 08 Nov 2019 12:57

Instrument :
MSVOA_W
ClientSampleId :
VW1108SBSD01

Tgt Ion:128 Resp: 131537
Ion Ratio Lower Upper
128 100
127 13.2 10.6 15.8
129 11.0 8.7 13.1

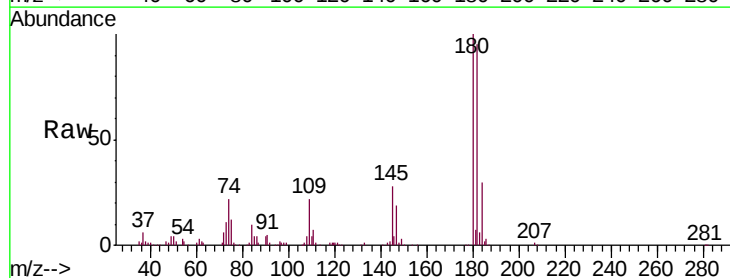


Abundance Ion 128.00 (127.70 to 128.70): V
Ion 127.00 (126.70 to 127.70): V
Ion 129.00 (128.70 to 129.70): V



#96
1,2,3-Trichlorobenzene
Concen: 20.918 ug/l
RT: 15.55 min Scan# 2239
Delta R.T. -0.00 min
Lab File: VW013939.D
Acq: 08 Nov 2019 12:57

Tgt Ion:180 Resp: 69910
Ion Ratio Lower Upper
180 100
182 94.8 47.4 142.3
145 29.2 14.9 44.9



Abundance Ion 179.80 (179.50 to 180.50): V
Ion 181.80 (181.50 to 182.50): V
Ion 144.90 (144.60 to 145.60): V

