

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW080819\
 Data File : VW011743.D
 Acq On : 07 Aug 2019 11:47
 Operator : SY/VA
 Sample : VW0808SBS01
 Misc : 5.00G/5ML/MSVOA_W/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0808SBS01

Quant Time: Aug 07 12:10:40 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W072719S.M
 Quant Title : SW846 8260
 QLast Update : Sat Jul 27 00:23:30 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	215632	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	341763	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	292496	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	144122	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	134123	54.17	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.34%	
35) Dibromofluoromethane	7.88	113	107625	56.13	ug/l	0.00
Spiked Amount	50.000		Recovery	=	112.26%	
50) Toluene-d8	10.32	98	441856	56.29	ug/l	0.00
Spiked Amount	50.000		Recovery	=	112.58%	
62) 4-Bromofluorobenzene	12.62	95	154868	55.33	ug/l	0.00
Spiked Amount	50.000		Recovery	=	110.66%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.01	85	26586	22.123	ug/l	99
3) Chloromethane	2.21	50	38358	18.407	ug/l	99
4) Vinyl Chloride	2.36	62	48917	19.498	ug/l	96
5) Bromomethane	2.75	94	22123	15.931	ug/l	97
6) Chloroethane	2.90	64	25617	17.875	ug/l	96
7) Trichlorofluoromethane	3.25	101	22249	19.843	ug/l	89
8) Diethyl Ether	3.68	74	22493	17.694	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	4.06	101	41655	19.585	ug/l	99
10) Methyl Iodide	4.26	142	52825	17.575	ug/l	99
11) Tert butyl alcohol	5.17	59	18021	86.993	ug/l	96
12) 1,1-Dichloroethene	4.03	96	41286	18.384	ug/l	99
13) Acrolein	3.89	56	16422	92.433	ug/l	98
14) Allyl chloride	4.66	41	89068	18.647	ug/l	99
15) Acrylonitrile	5.36	53	58106	91.563	ug/l	98
16) Acetone	4.12	43	60559	76.888	ug/l	97
17) Carbon Disulfide	4.37	76	126192	17.954	ug/l	98
18) Methyl Acetate	4.67	43	32524	18.381	ug/l	99
19) Methyl tert-butyl Ether	5.42	73	63541	17.830	ug/l	97
20) Methylene Chloride	4.91	84	46888	17.261	ug/l	96
21) trans-1,2-Dichloroethene	5.42	96	44979	18.578	ug/l	99
22) Diisopropyl ether	6.31	45	162681	18.065	ug/l	96
23) Vinyl Acetate	6.25	43	506968	89.594	ug/l	100
24) 1,1-Dichloroethane	6.21	63	89360	18.528	ug/l	99
25) 2-Butanone	7.17	43	88547	85.915	ug/l	98
26) 2,2-Dichloropropane	7.17	77	53847	18.154	ug/l	97
27) cis-1,2-Dichloroethene	7.17	96	47708	17.904	ug/l	99
28) Bromochloromethane	7.51	49	49673	23.204	ug/l	100
29) Tetrahydrofuran	7.52	42	53701	91.155	ug/l	99
30) Chloroform	7.67	83	81231	18.256	ug/l	98
31) Cyclohexane	7.95	56	87312	18.859	ug/l	93
32) 1,1,1-Trichloroethane	7.87	97	65292	19.268	ug/l	100
36) 1,1-Dichloropropene	8.08	75	70020	19.703	ug/l	99
37) Ethyl Acetate	7.25	43	38985	19.068	ug/l	98
38) Carbon Tetrachloride	8.06	117	60164	19.776	ug/l	99

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 Misc : 5.00G/5ML/MSVOA_W/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0808SBS01

Quant Time: Aug 07 12:10:40 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W072719S.M
 Quant Title : SW846 8260
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	76716	19.605	ug/l	98
40) Benzene	8.32	78	188240	18.911	ug/l	98
41) Methacrylonitrile	7.48	41	22717	18.587	ug/l	98
42) 1,2-Dichloroethane	8.40	62	58969	18.922	ug/l	99
43) Isopropyl Acetate	8.42	43	68237	18.148	ug/l	99
44) Trichloroethene	9.09	130	45977	19.217	ug/l	97
45) 1,2-Dichloropropane	9.37	63	49526	18.595	ug/l	100
46) Dibromomethane	9.46	93	22436	18.456	ug/l	99
47) Bromodichloromethane	9.64	83	58563	18.366	ug/l	100
48) Methyl methacrylate	9.43	41	32018	17.727	ug/l	98
49) 1,4-Dioxane	9.45	88	6237	354.345	ug/l	97
51) 4-Methyl-2-Pentanone	10.21	43	175955	89.966	ug/l	99
52) Toluene	10.38	92	114293	19.013	ug/l	99
53) t-1,3-Dichloropropene	10.60	75	59562	17.881	ug/l	96
54) cis-1,3-Dichloropropene	10.07	75	72420	18.285	ug/l	98
55) 1,1,2-Trichloroethane	10.79	97	32181	18.658	ug/l	96
56) Ethyl methacrylate	10.65	69	45418	17.995	ug/l	98
57) 1,3-Dichloropropane	10.93	76	59844	18.339	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.92	63	127486	111.248	ug/l	99
59) 2-Hexanone	10.97	43	123457	89.402	ug/l	99
60) Dibromochloromethane	11.13	129	34596	18.070	ug/l	100
61) 1,2-Dibromoethane	11.23	107	30022	18.393	ug/l	98
64) Tetrachloroethene	10.86	164	37972	19.938	ug/l	98
65) Chlorobenzene	11.66	112	112978	19.212	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.73	131	39620	19.343	ug/l	99
67) Ethyl Benzene	11.73	91	218062	19.470	ug/l	99
68) m/p-Xylenes	11.84	106	158458	38.904	ug/l	100
69) o-Xylene	12.16	106	71630	18.925	ug/l	97
70) Styrene	12.18	104	123949	18.941	ug/l	100
71) Bromoform	12.35	173	19369	18.546	ug/l #	97
73) Isopropylbenzene	12.46	105	205568	19.119	ug/l	100
74) N-amyl acetate	12.27	43	60872	18.084	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.71	83	38697	19.134	ug/l	100
76) 1,2,3-Trichloropropane	12.77	75	50991	33.437	ug/l #	100
77) Bromobenzene	12.74	156	44637	18.783	ug/l	99
78) n-propylbenzene	12.80	91	252890	19.327	ug/l	99
79) 2-Chlorotoluene	12.89	91	141861	18.819	ug/l	100
80) 1,3,5-Trimethylbenzene	12.94	105	173922	19.297	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.51	75	12072	18.244	ug/l	93
82) 4-Chlorotoluene	12.99	91	149193	18.863	ug/l	99
83) tert-Butylbenzene	13.21	119	144161	19.127	ug/l	98
84) 1,2,4-Trimethylbenzene	13.25	105	172911	19.045	ug/l	99
85) sec-Butylbenzene	13.38	105	210798	19.602	ug/l	100
86) p-Isopropyltoluene	13.50	119	186171	19.080	ug/l	99
87) 1,3-Dichlorobenzene	13.50	146	87420	18.761	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	87531	18.883	ug/l	98
89) n-Butylbenzene	13.82	91	184674	18.966	ug/l	100
90) Hexachloroethane	14.09	117	32774	18.995	ug/l	98
91) 1,2-Dichlorobenzene	13.87	146	76138	18.474	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.48	75	6402	18.563	ug/l	96

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Instrument :
MSVOA_W
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Quant Title : SW846 8260
QLast Update : Sat Jul 27 00:23:30 2019
Response via : Initial Calibration

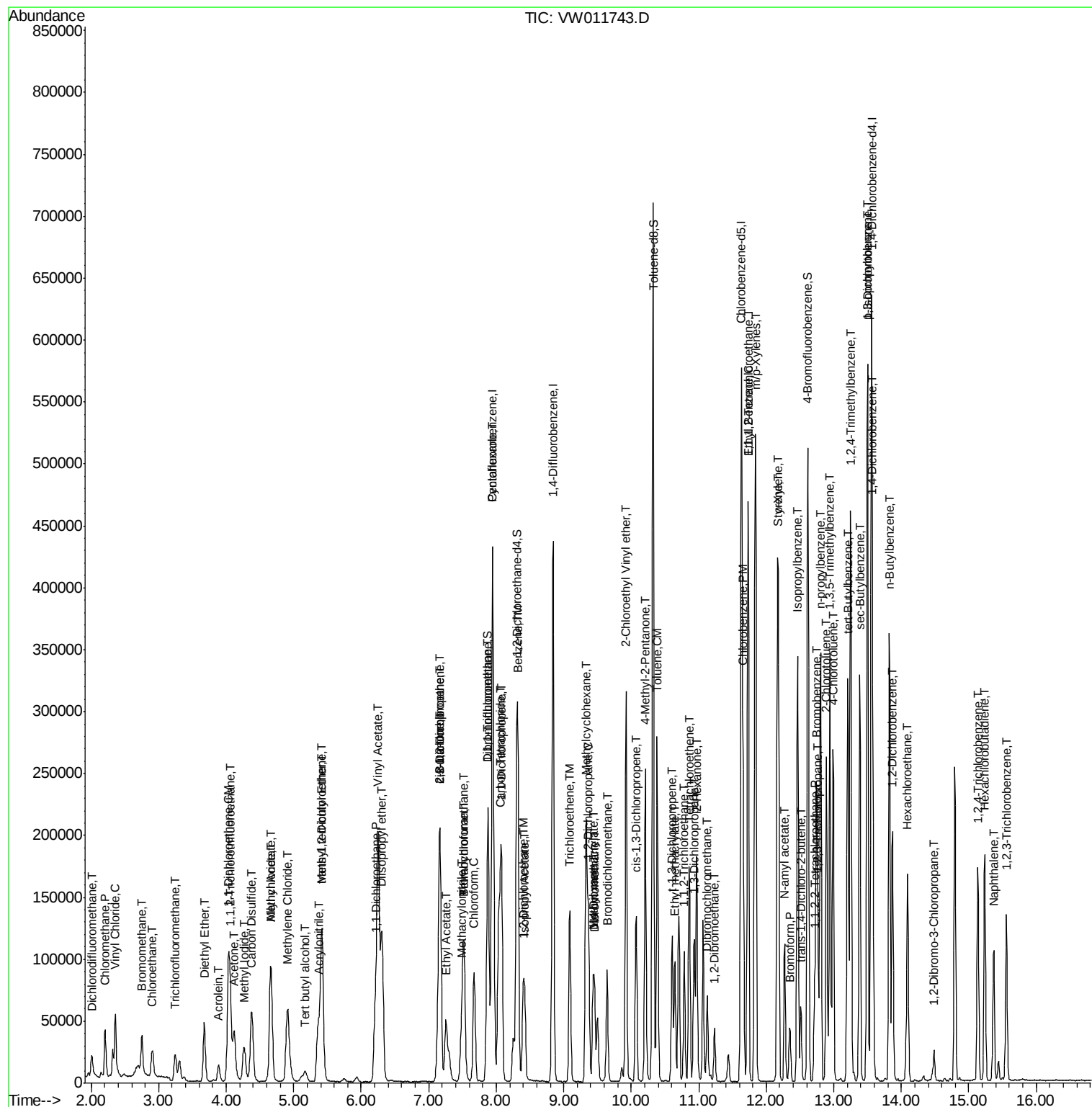
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.13	180	51980	17.896	ug/l	99
94) Hexachlorobutadiene	15.24	225	35115	19.386	ug/l	100
95) Naphthalene	15.37	128	87036	16.731	ug/l	99
96) 1,2,3-Trichlorobenzene	15.56	180	45191	17.749	ug/l	99

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

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Operator : SY/VA
Sample : VW0808SBS01
Misc : 5.00G/5ML/MSVOA_W/SOIL
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VW0808SBS01

Quant Time: Aug 07 12:10:40 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W072719S.M
Quant Title : SW846 8260
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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: VW011743.D

Acq: 07 Aug 2019 11:47

Instrument :

MSVOA_W

ClientSampleId :

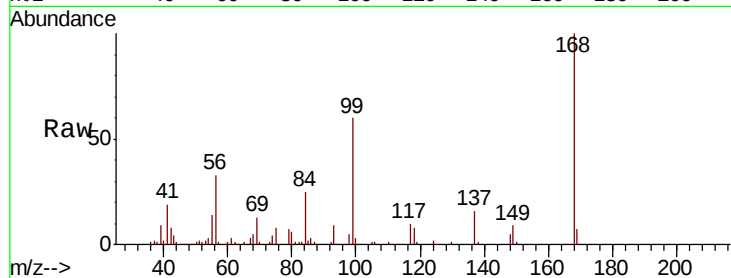
VW0808SBS01

Tgt Ion:168 Resp: 215632

Ion Ratio Lower Upper

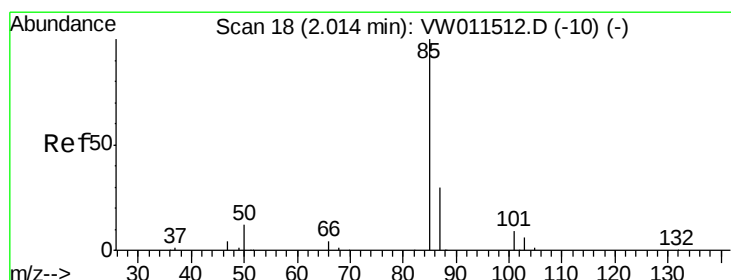
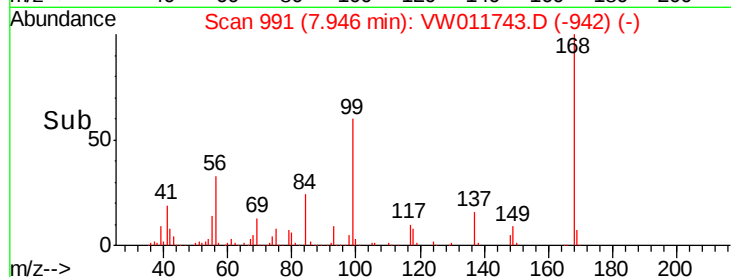
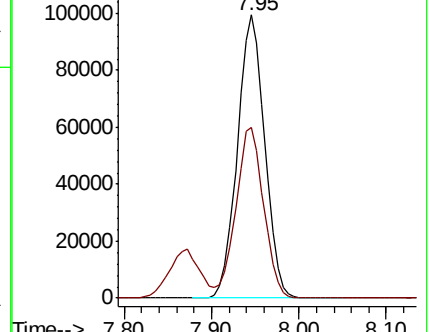
168 100

99 60.5 48.2 72.4



Abundance Ion 167.90 (167.60 to 168.60): VW

Ion 98.90 (98.60 to 99.60): VW



#2

Dichlorodifluoromethane

Concen: 22.123 ug/l

RT: 2.01 min Scan# 17

Delta R.T. -0.01 min

Lab File: VW011743.D

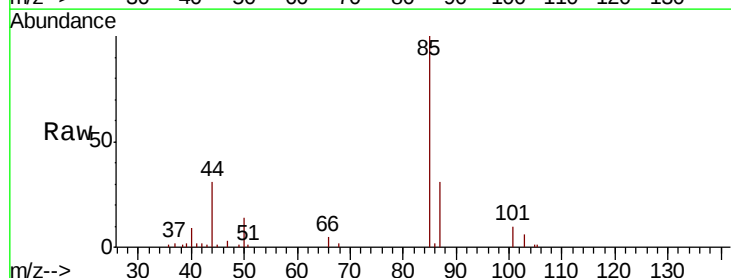
Acq: 07 Aug 2019 11:47

Tgt Ion: 85 Resp: 26586

Ion Ratio Lower Upper

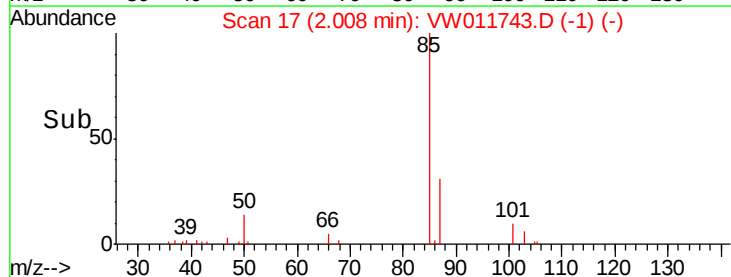
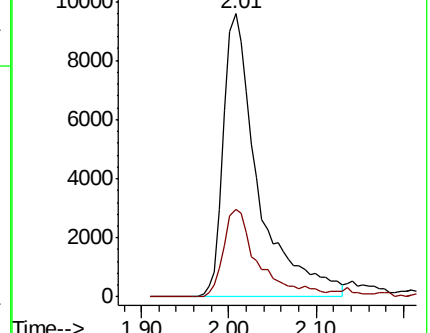
85 100

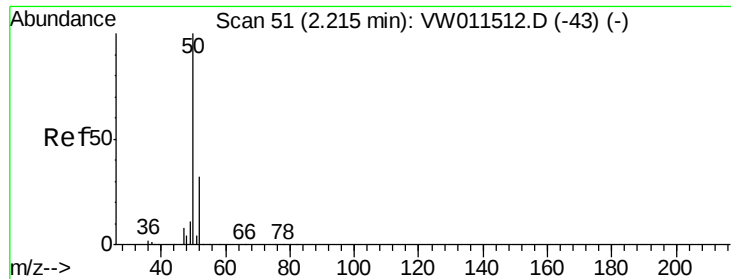
87 30.8 15.2 45.6



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW





#3

Chloromethane

Concen: 18.407 ug/l

RT: 2.21 min Scan# 50

Delta R.T. -0.01 min

Lab File: VW011743.D

Acq: 07 Aug 2019 11:47

Instrument :

MSVOA_W

ClientSampleId :

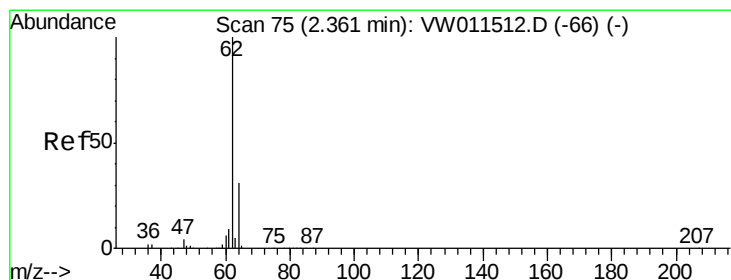
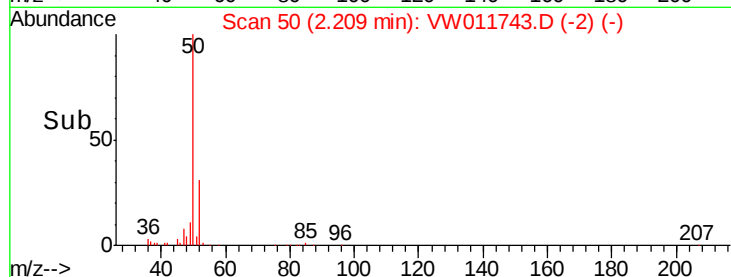
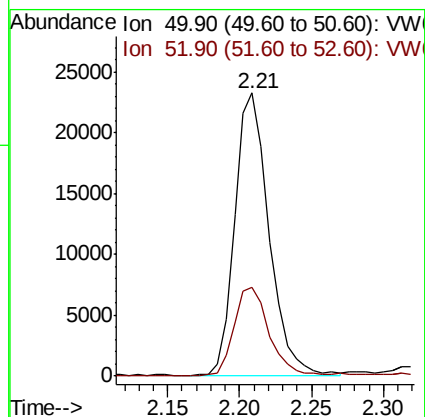
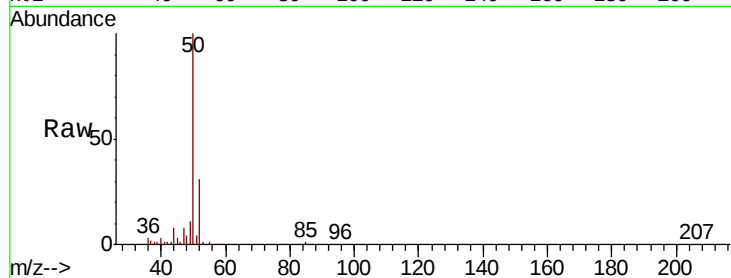
VW0808SBS01

Tgt Ion: 50 Resp: 38358

Ion Ratio Lower Upper

50 100

52 31.2 25.4 38.2



#4

Vinyl Chloride

Concen: 19.498 ug/l

RT: 2.36 min Scan# 75

Delta R.T. 0.00 min

Lab File: VW011743.D

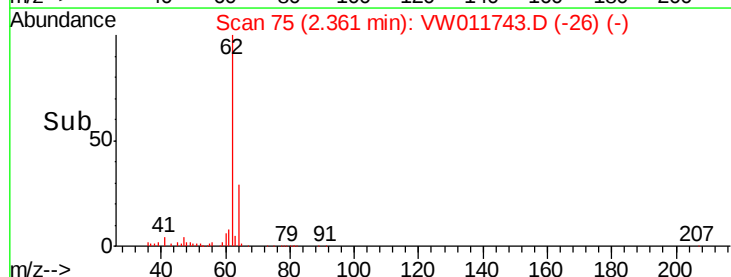
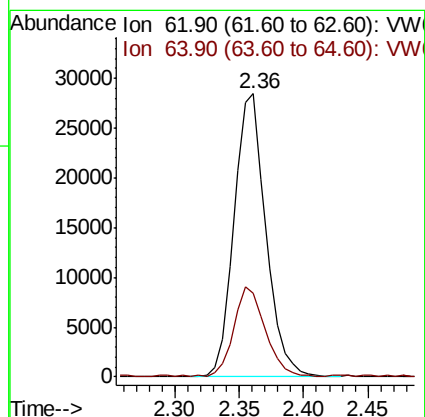
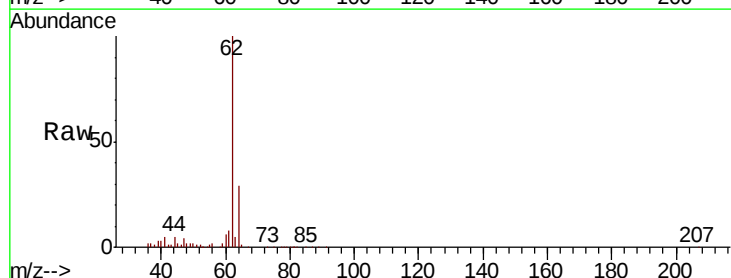
Acq: 07 Aug 2019 11:47

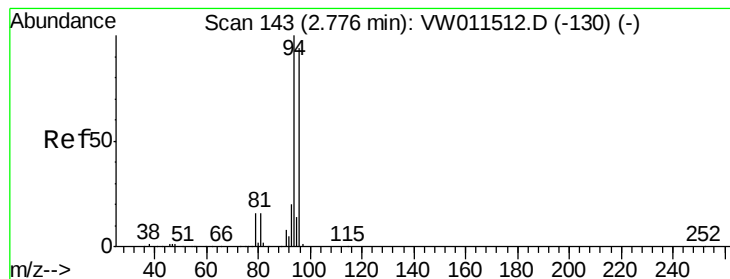
Tgt Ion: 62 Resp: 48917

Ion Ratio Lower Upper

62 100

64 29.2 25.0 37.4





#5

Bromomethane

Concen: 15.931 ug/l

RT: 2.75 min Scan# 139

Delta R.T. -0.02 min

Lab File: VW011743.D

Acq: 07 Aug 2019 11:47

Instrument :

MSVOA_W

ClientSampleId :

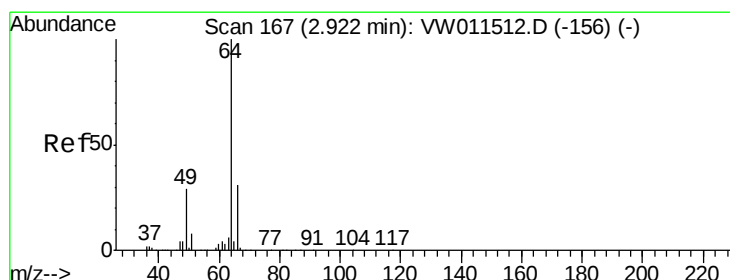
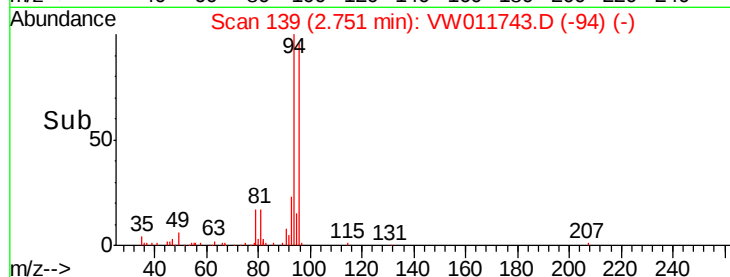
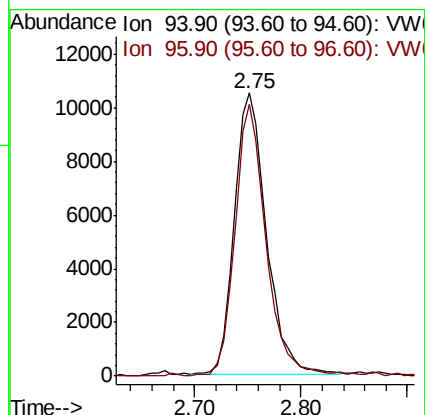
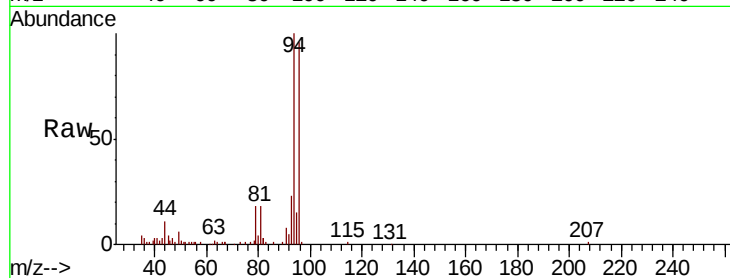
VW0808SBS01

Tgt Ion: 94 Resp: 22123

Ion Ratio Lower Upper

94 100

96 96.7 75.0 112.6



#6

Chloroethane

Concen: 17.875 ug/l

RT: 2.90 min Scan# 164

Delta R.T. -0.02 min

Lab File: VW011743.D

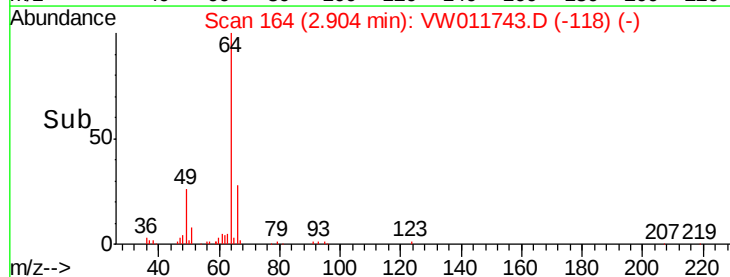
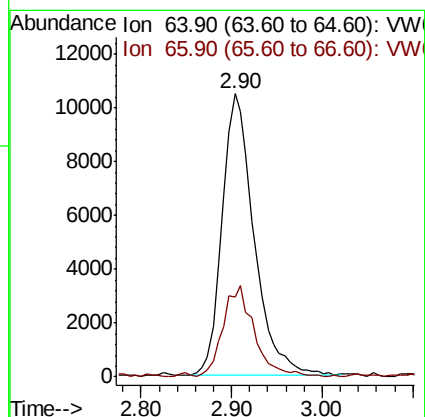
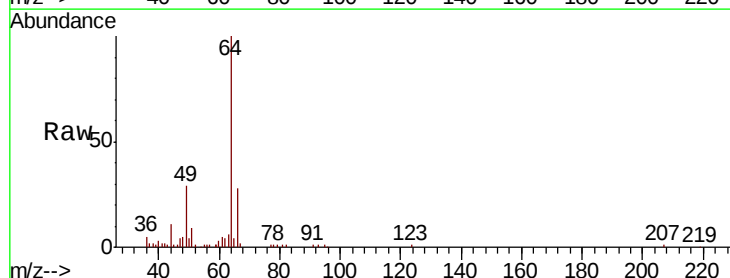
Acq: 07 Aug 2019 11:47

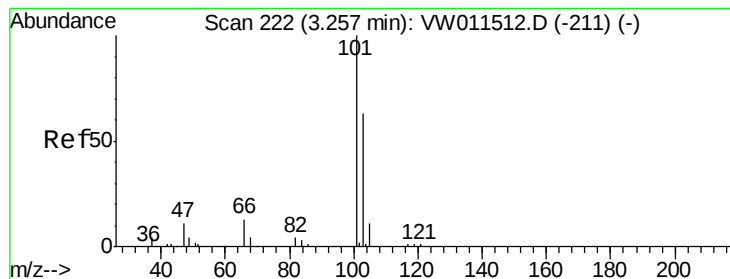
Tgt Ion: 64 Resp: 25617

Ion Ratio Lower Upper

64 100

66 28.6 24.6 36.8



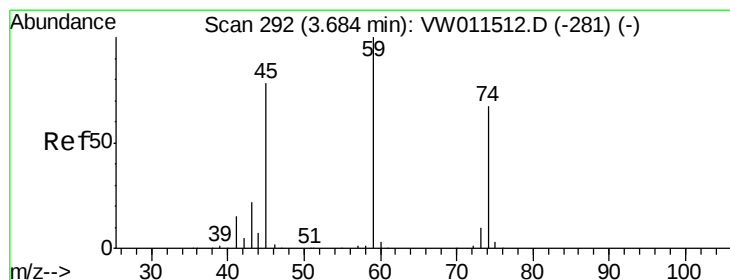
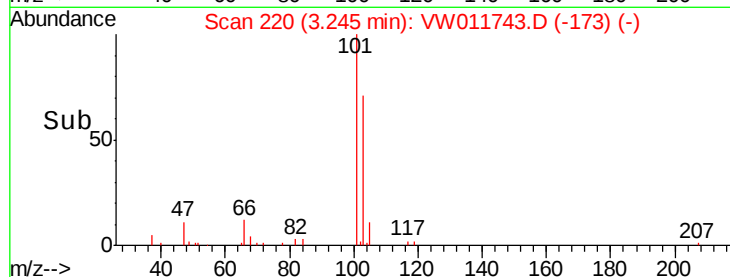
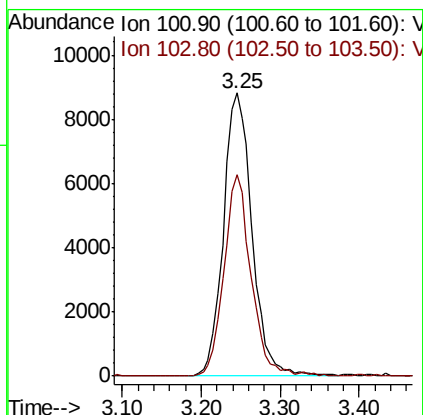
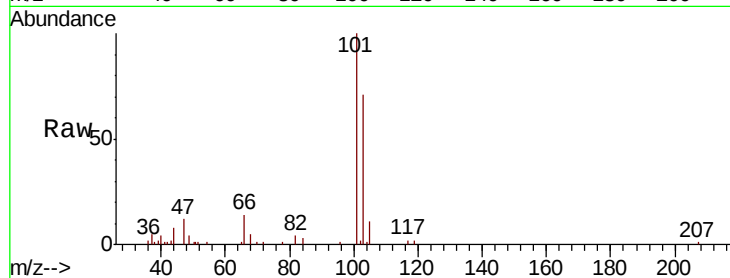


#7

Trichlorofluoromethane
 Concen: 19.843 ug/l
 RT: 3.25 min Scan# 220
 Delta R.T. -0.01 min
 Lab File: VW011743.D
 Acq: 07 Aug 2019 11:47

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0808SBS01

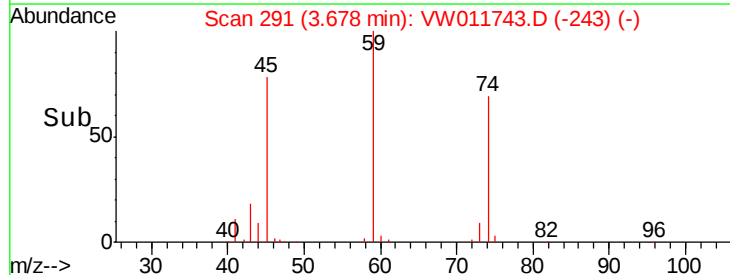
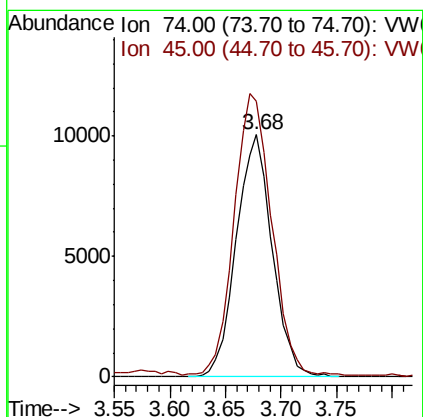
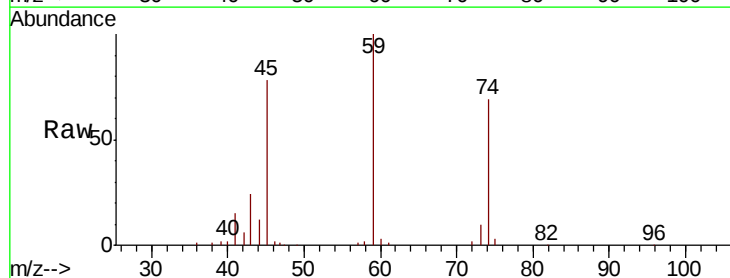
Tgt Ion:101 Resp: 22249
 Ion Ratio Lower Upper
 101 100
 103 71.1 50.2 75.4

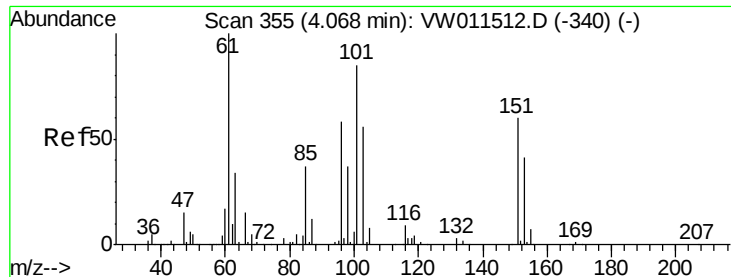


#8

Diethyl Ether
 Concen: 17.694 ug/l
 RT: 3.68 min Scan# 291
 Delta R.T. -0.01 min
 Lab File: VW011743.D
 Acq: 07 Aug 2019 11:47

Tgt Ion: 74 Resp: 22493
 Ion Ratio Lower Upper
 74 100
 45 122.0 59.6 178.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.585 ug/l

RT: 4.06 min Scan# 354

Delta R.T. -0.01 min

Lab File: VW011743.D

Acq: 07 Aug 2019 11:47

Instrument :

MSVOA_W

ClientSampleId :

VW0808SBS01

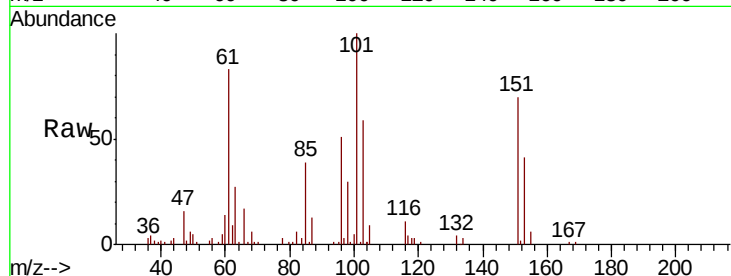
Tgt Ion:101 Resp: 41655

Ion Ratio Lower Upper

101 100

85 44.0 36.6 54.8

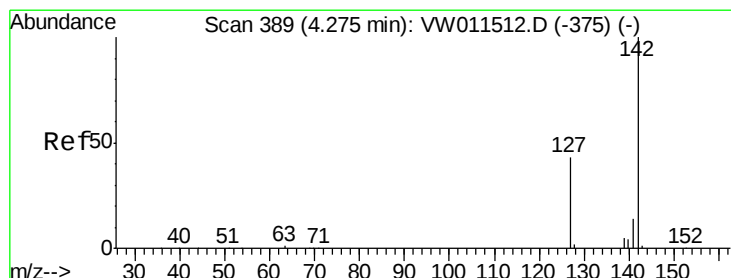
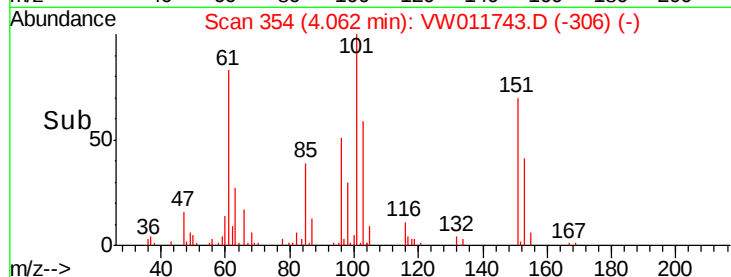
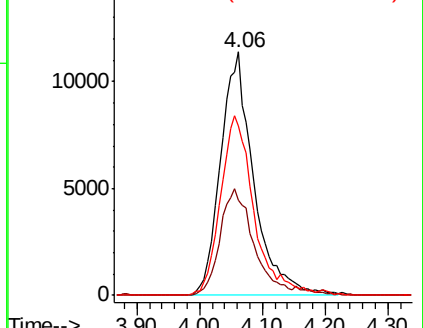
151 74.5 60.2 90.2



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): V

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 17.575 ug/l

RT: 4.26 min Scan# 387

Delta R.T. -0.01 min

Lab File: VW011743.D

Acq: 07 Aug 2019 11:47

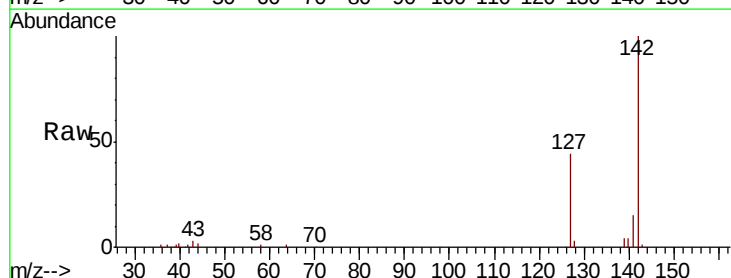
Tgt Ion:142 Resp: 52825

Ion Ratio Lower Upper

142 100

127 44.5 35.0 52.6

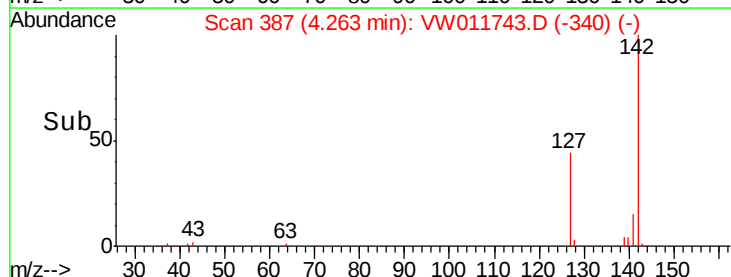
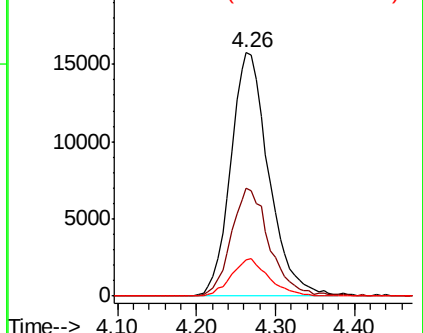
141 15.0 11.9 17.9

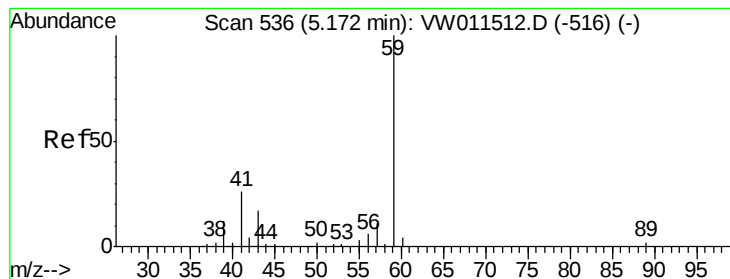


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



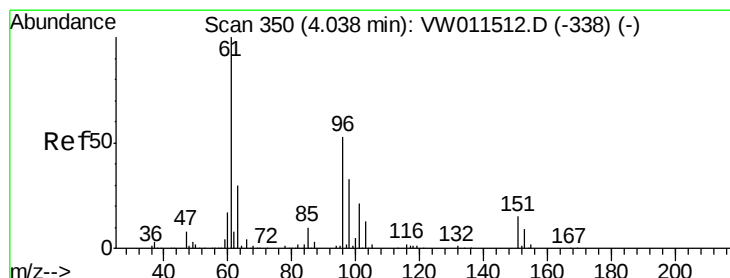
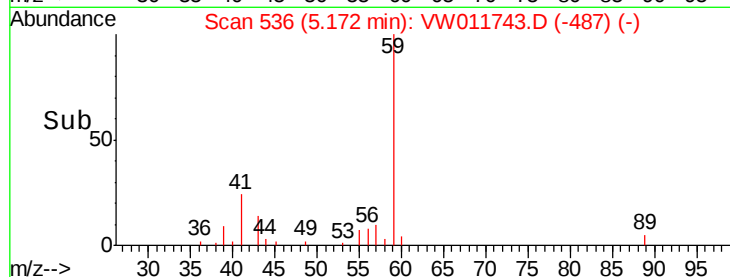
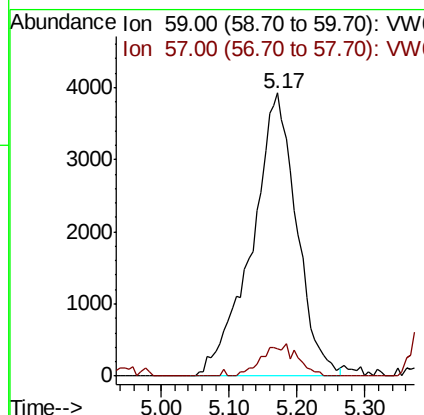
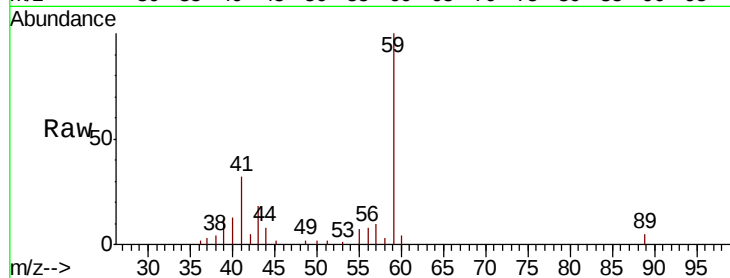


#11

Tert butyl alcohol
 Concen: 86.993 ug/l
 RT: 5.17 min Scan# 536
 Delta R.T. 0.00 min
 Lab File: VW011743.D
 Acq: 07 Aug 2019 11:47

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0808SBS01

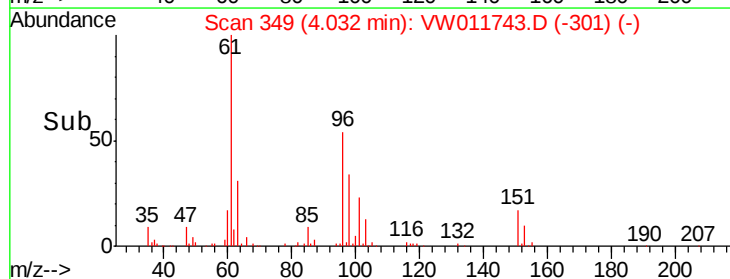
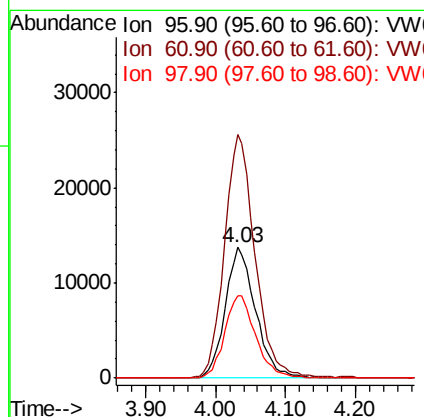
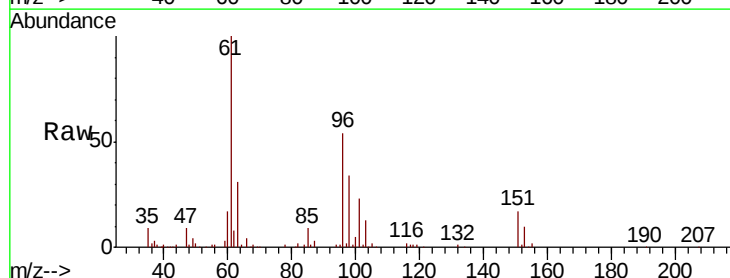
Tgt Ion: 59 Resp: 18021
 Ion Ratio Lower Upper
 59 100
 57 8.9 8.5 12.7

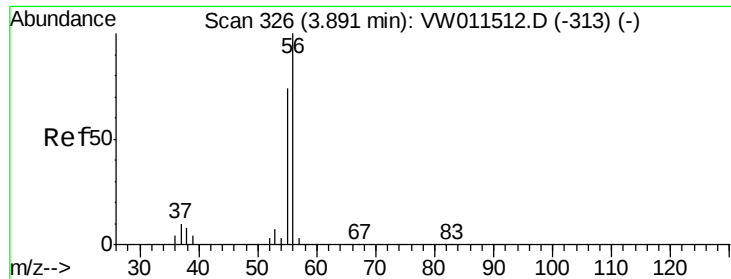


#12

1,1-Dichloroethene
 Concen: 18.384 ug/l
 RT: 4.03 min Scan# 349
 Delta R.T. -0.01 min
 Lab File: VW011743.D
 Acq: 07 Aug 2019 11:47

Tgt Ion: 96 Resp: 41286
 Ion Ratio Lower Upper
 96 100
 61 186.1 149.9 224.9
 98 62.8 49.1 73.7

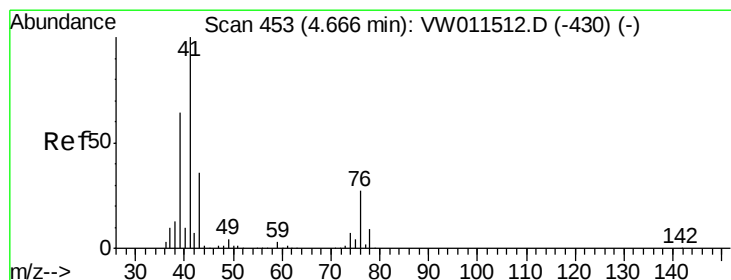
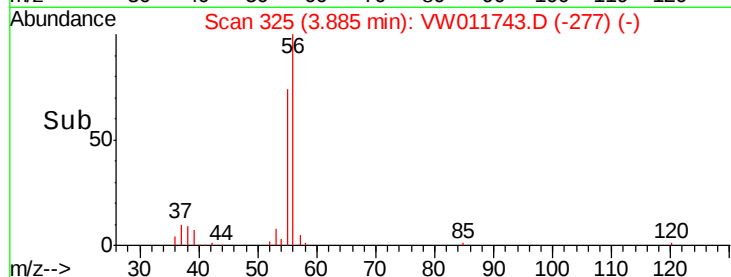
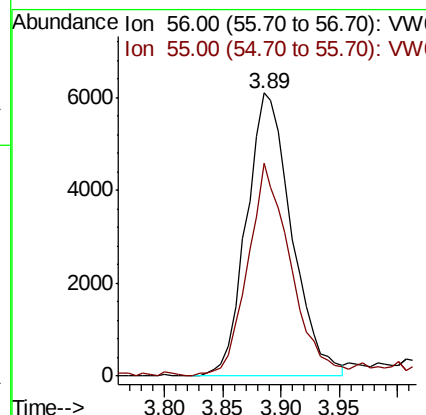
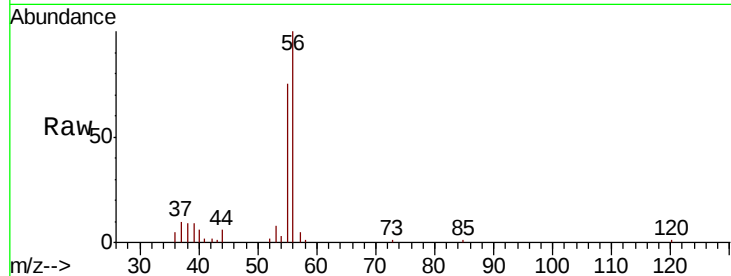




#13
 Acrolein
 Concen: 92.433 ug/l
 RT: 3.89 min Scan# 325
 Delta R.T. -0.01 min
 Lab File: VW011743.D
 Acq: 07 Aug 2019 11:47

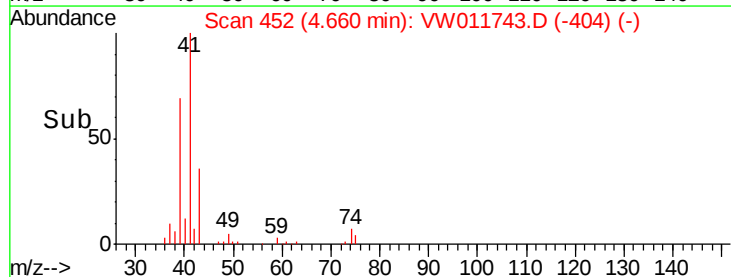
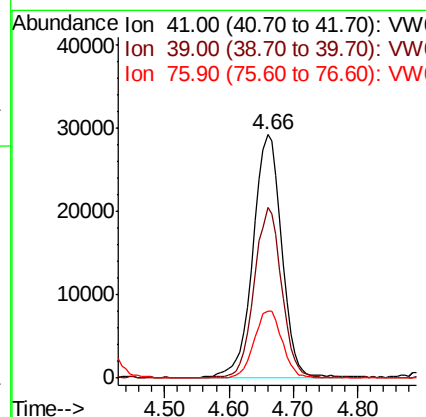
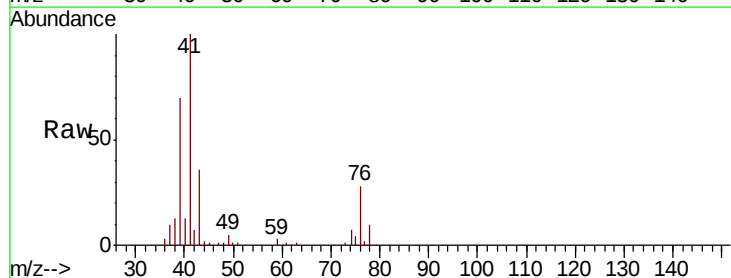
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0808SBS01

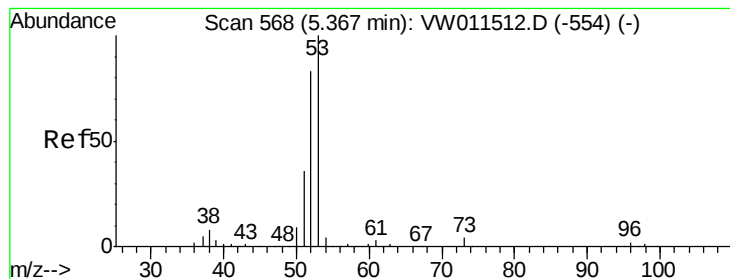
Tgt Ion: 56 Resp: 16422
 Ion Ratio Lower Upper
 56 100
 55 71.5 56.0 84.0



#14
 Allyl chloride
 Concen: 18.647 ug/l
 RT: 4.66 min Scan# 452
 Delta R.T. -0.01 min
 Lab File: VW011743.D
 Acq: 07 Aug 2019 11:47

Tgt Ion: 41 Resp: 89068
 Ion Ratio Lower Upper
 41 100
 39 66.7 52.6 78.8
 76 26.9 22.0 33.0





#15

Acrylonitrile

Concen: 91.563 ug/l

RT: 5.36 min Scan# 567

Delta R.T. -0.01 min

Lab File: VW011743.D

Acq: 07 Aug 2019 11:47

Instrument :

MSVOA_W

ClientSampleId :

VW0808SBS01

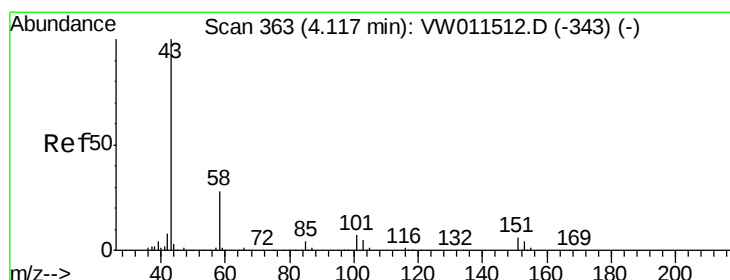
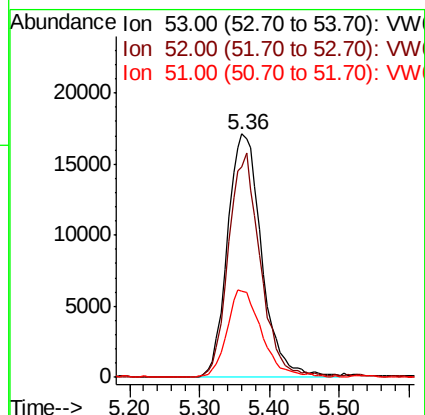
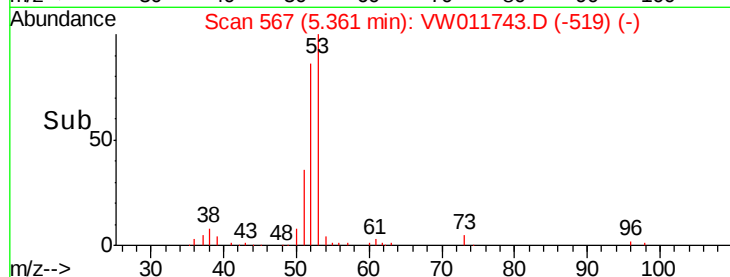
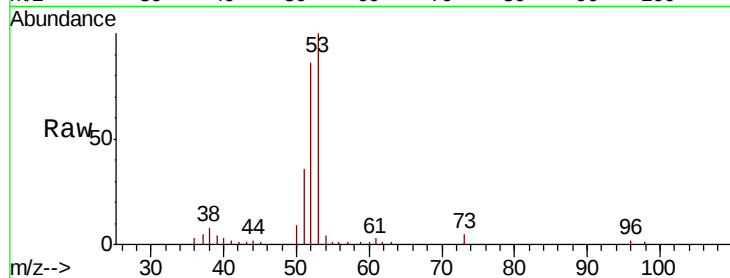
Tgt Ion: 53 Resp: 58106

Ion Ratio Lower Upper

53 100

52 86.2 67.2 100.8

51 36.7 30.0 45.0



#16

Acetone

Concen: 76.888 ug/l

RT: 4.12 min Scan# 364

Delta R.T. 0.01 min

Lab File: VW011743.D

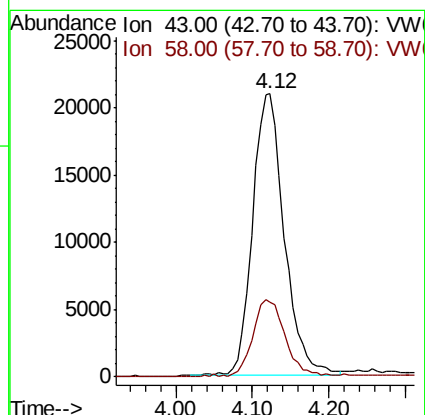
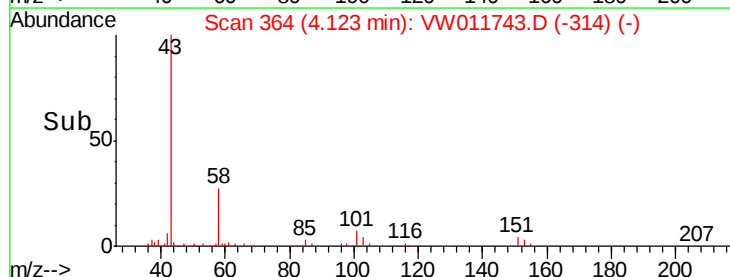
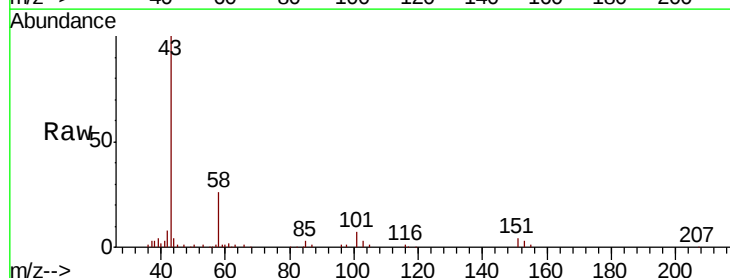
Acq: 07 Aug 2019 11:47

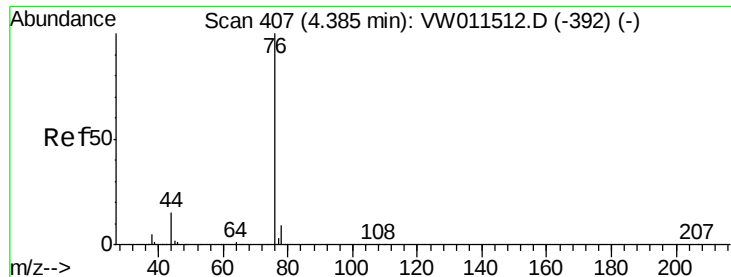
Tgt Ion: 43 Resp: 60559

Ion Ratio Lower Upper

43 100

58 26.6 22.3 33.5





#17

Carbon Disulfide

Concen: 17.954 ug/l

RT: 4.37 min Scan# 405

Delta R.T. -0.01 min

Lab File: VW011743.D

Acq: 07 Aug 2019 11:47

Instrument :

MSVOA_W

ClientSampleId :

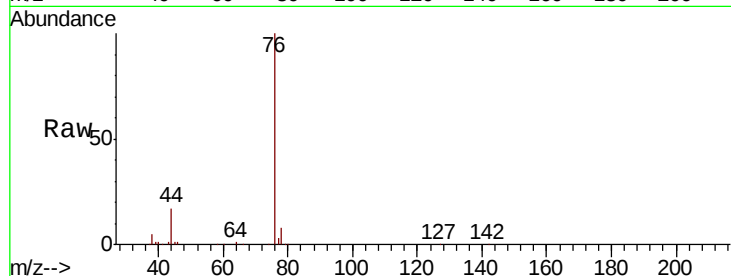
VW0808SBS01

Tgt Ion: 76 Resp: 126192

Ion Ratio Lower Upper

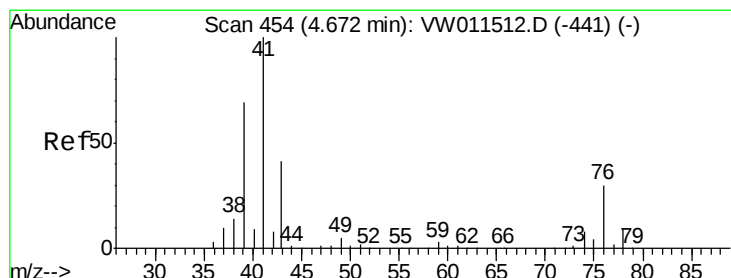
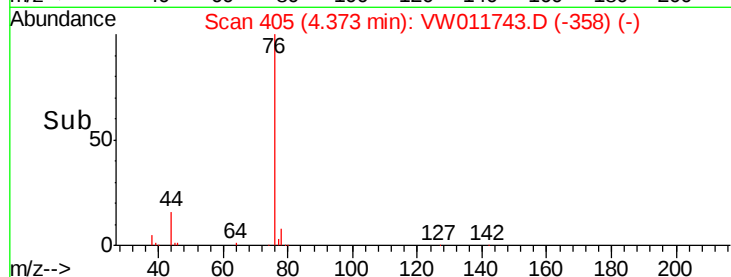
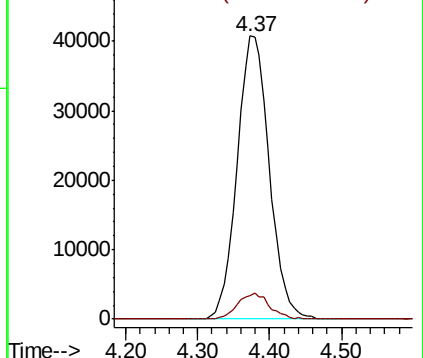
76 100

78 8.1 7.1 10.7



Abundance Ion 75.90 (75.60 to 76.60): VW

Ion 77.90 (77.60 to 78.60): VW



#18

Methyl Acetate

Concen: 18.381 ug/l

RT: 4.67 min Scan# 453

Delta R.T. -0.01 min

Lab File: VW011743.D

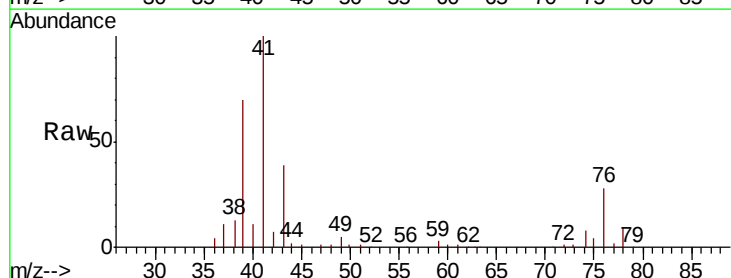
Acq: 07 Aug 2019 11:47

Tgt Ion: 43 Resp: 32524

Ion Ratio Lower Upper

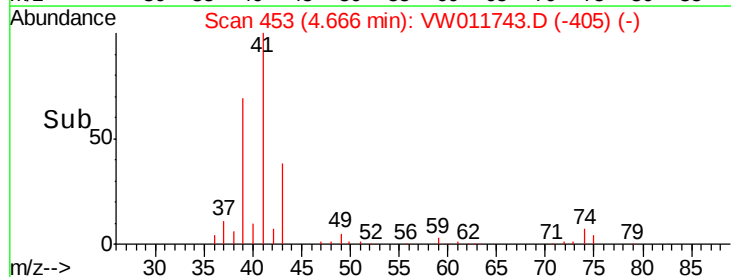
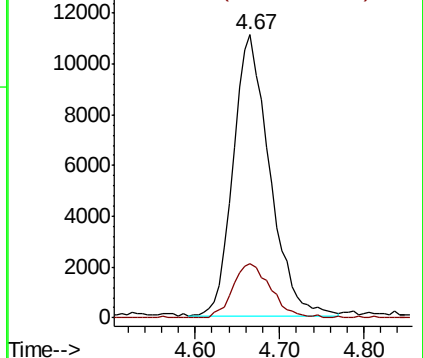
43 100

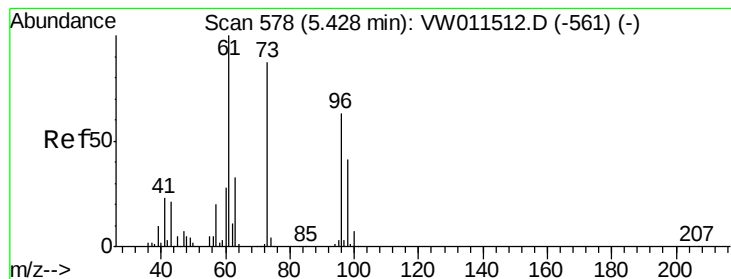
74 20.2 15.9 23.9



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 74.00 (73.70 to 74.70): VW





#19

Methyl tert-butyl Ether

Concen: 17.830 ug/l

RT: 5.42 min Scan# 577

Delta R.T. -0.01 min

Lab File: VW011743.D

Acq: 07 Aug 2019 11:47

Instrument :

MSVOA_W

ClientSampleId :

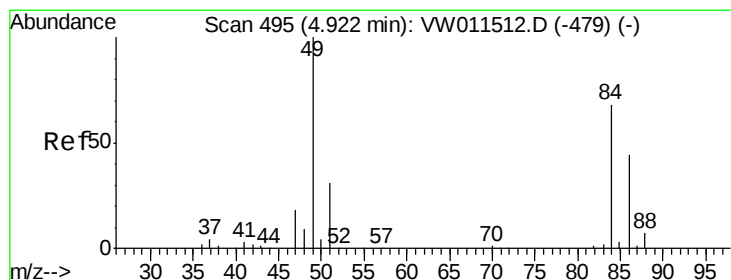
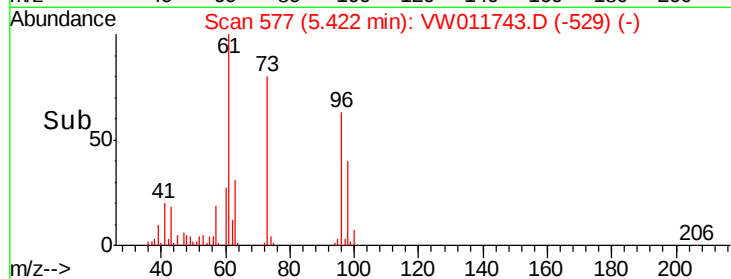
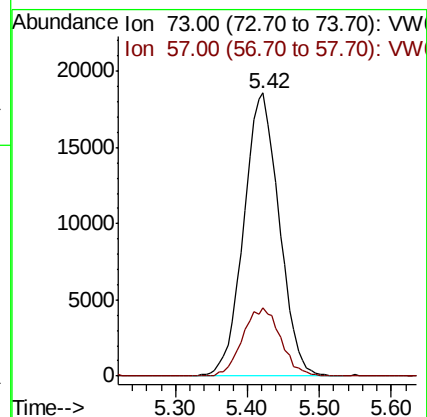
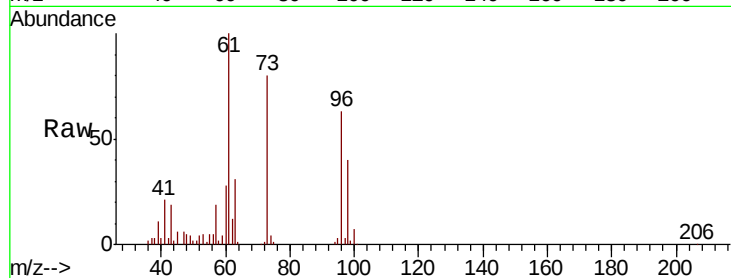
VW0808SBS01

Tgt Ion: 73 Resp: 63541

Ion Ratio Lower Upper

73 100

57 24.2 18.4 27.6



#20

Methylene Chloride

Concen: 17.261 ug/l

RT: 4.91 min Scan# 493

Delta R.T. -0.01 min

Lab File: VW011743.D

Acq: 07 Aug 2019 11:47

Tgt Ion: 84 Resp: 46888

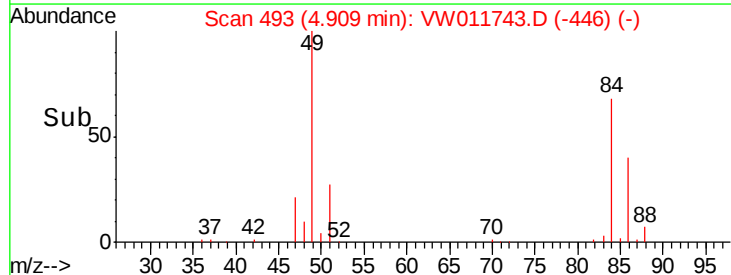
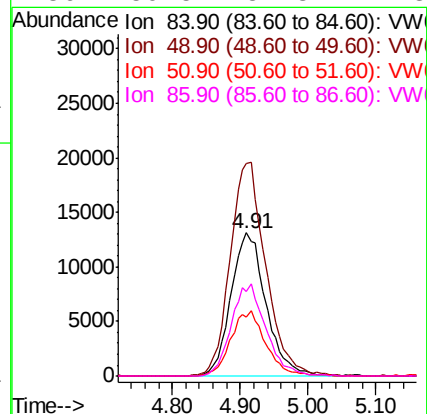
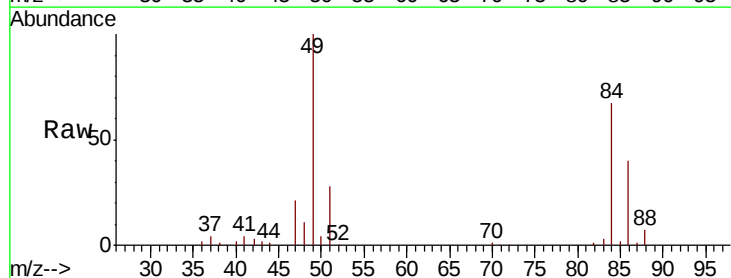
Ion Ratio Lower Upper

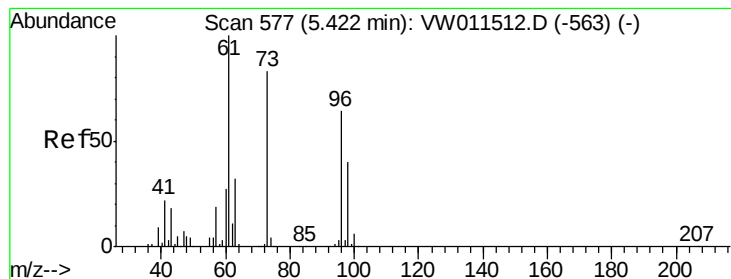
84 100

49 148.7 117.8 176.6

51 41.4 37.0 55.4

86 59.5 51.8 77.8





#21

trans-1,2-Dichloroethene

Concen: 18.578 ug/l

RT: 5.42 min Scan# 576

Delta R.T. -0.01 min

Lab File: VW011743.D

Acq: 07 Aug 2019 11:47

Instrument :

MSVOA_W

ClientSampleId :

VW0808SBS01

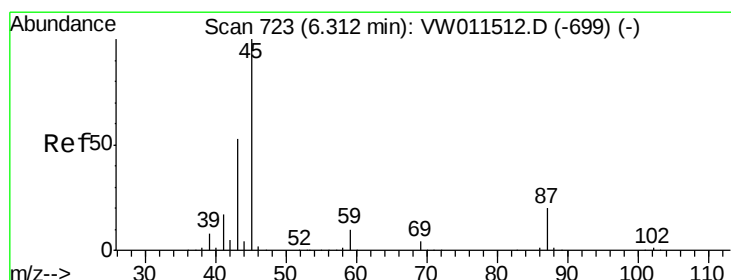
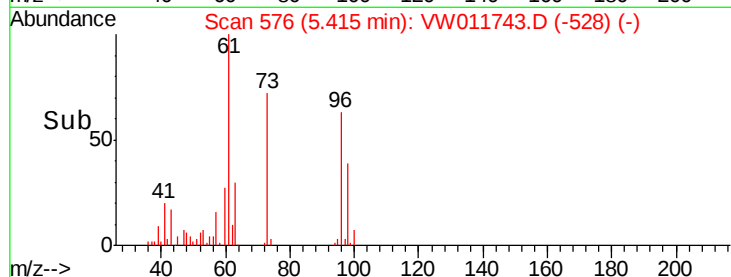
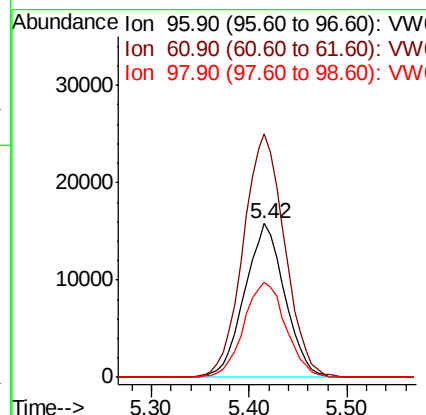
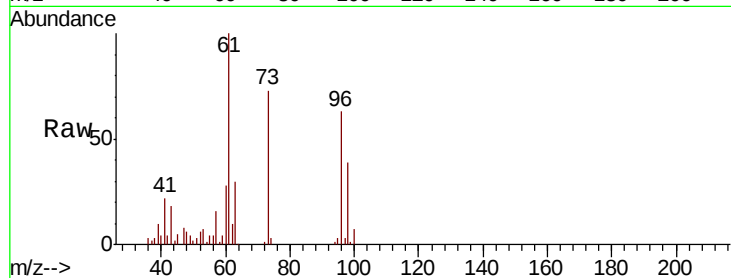
Tgt Ion: 96 Resp: 44979

Ion Ratio Lower Upper

96 100

61 158.4 125.7 188.5

98 61.7 50.3 75.5



#22

Diisopropyl ether

Concen: 18.065 ug/l

RT: 6.31 min Scan# 722

Delta R.T. -0.01 min

Lab File: VW011743.D

Acq: 07 Aug 2019 11:47

Tgt Ion: 45 Resp: 162681

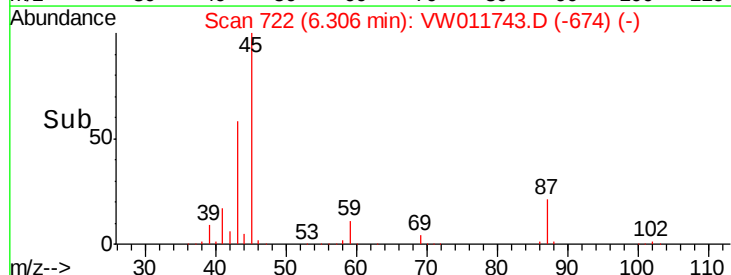
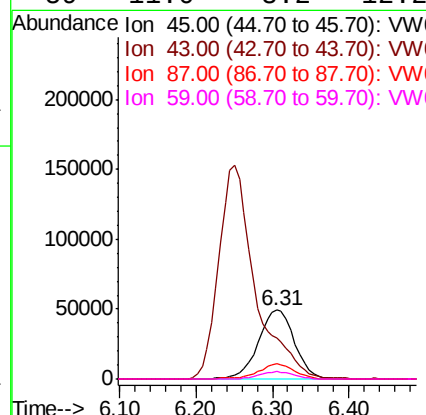
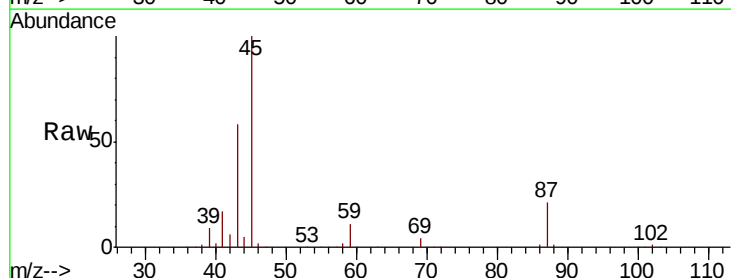
Ion Ratio Lower Upper

45 100

43 57.2 42.6 63.8

87 21.2 16.4 24.6

59 11.0 8.2 12.2





#23

Vinyl Acetate

Concen: 89.594 ug/l

RT: 6.25 min Scan# 713

Delta R.T. -0.01 min

Lab File: VW011743.D

Acq: 07 Aug 2019 11:47

Instrument :

MSVOA_W

ClientSampleId :

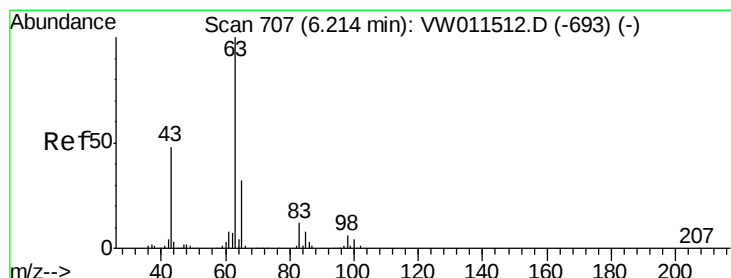
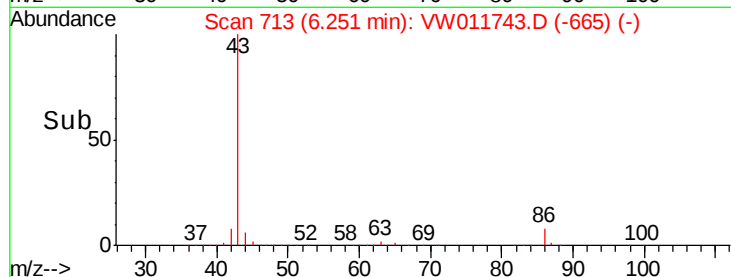
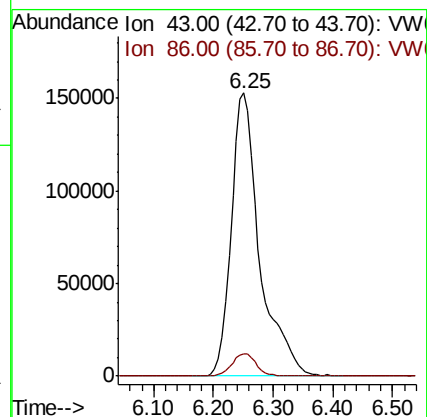
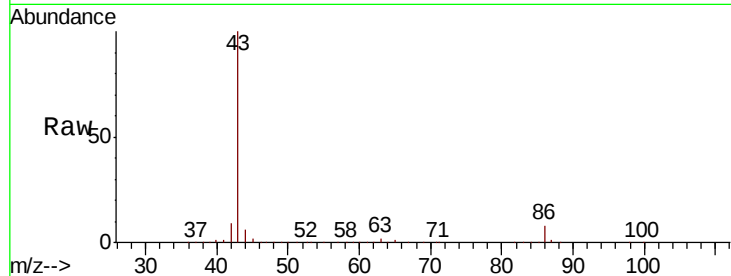
VW0808SBS01

Tgt Ion: 43 Resp: 506968

Ion Ratio Lower Upper

43 100

86 8.0 6.5 9.7



#24

1,1-Dichloroethane

Concen: 18.528 ug/l

RT: 6.21 min Scan# 706

Delta R.T. -0.01 min

Lab File: VW011743.D

Acq: 07 Aug 2019 11:47

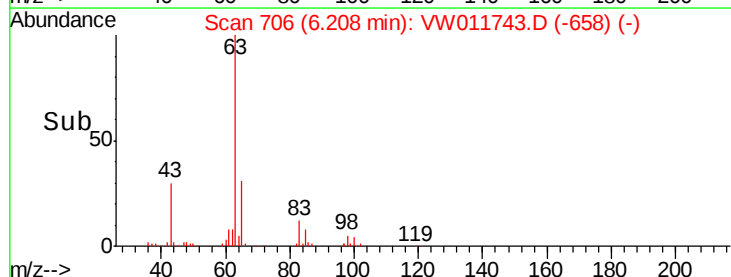
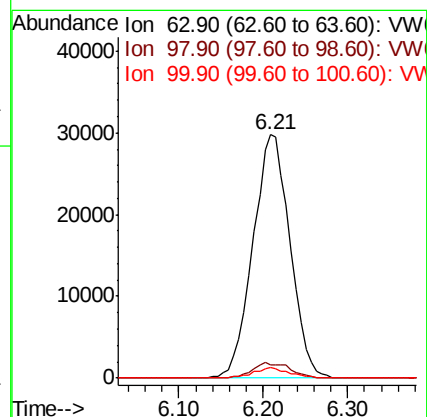
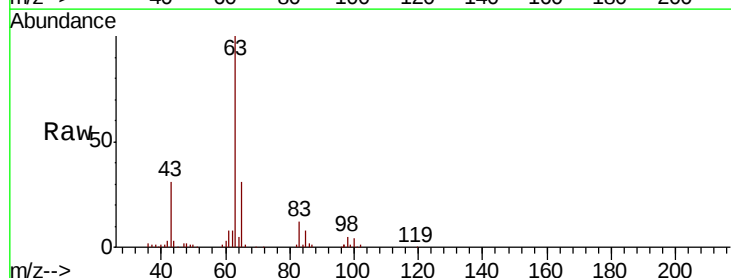
Tgt Ion: 63 Resp: 89360

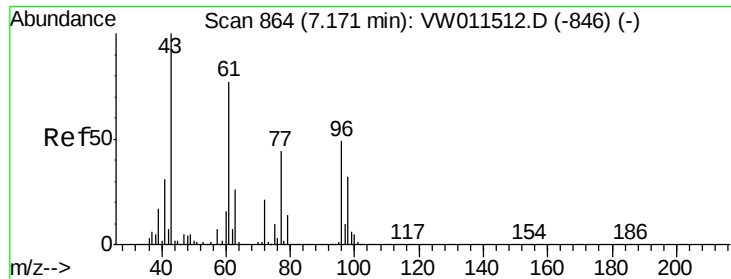
Ion Ratio Lower Upper

63 100

98 5.4 2.9 8.8

100 4.5 2.1 6.3

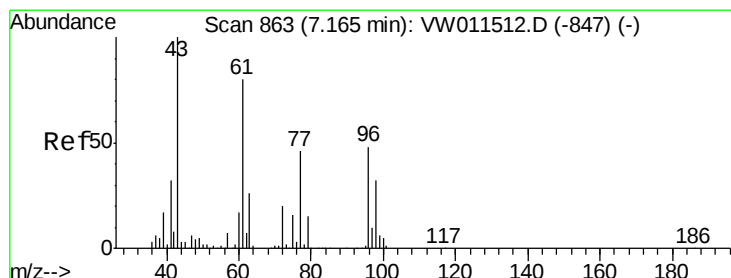
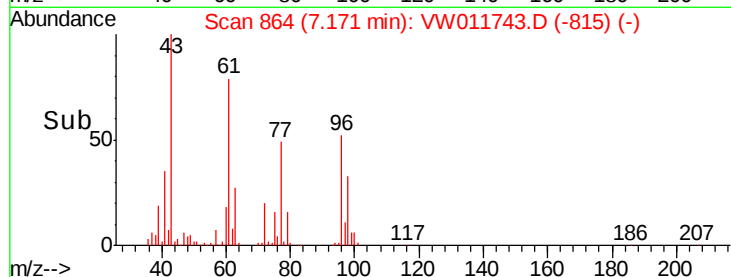
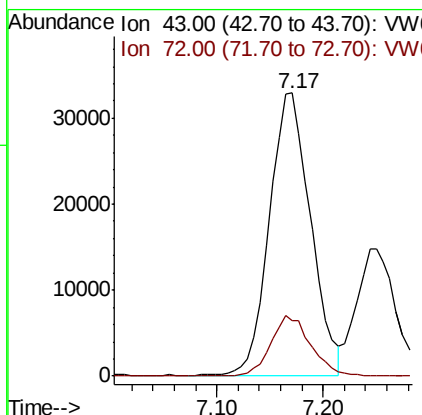
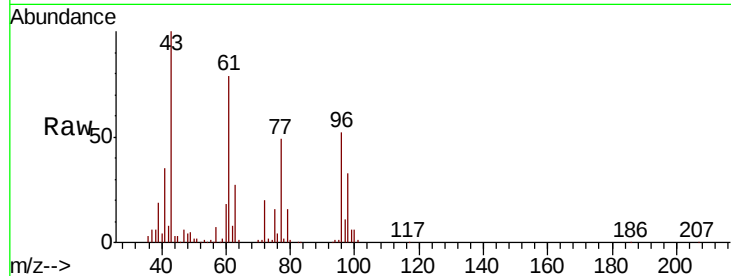




#25
2-Butanone
Concen: 85.915 ug/l
RT: 7.17 min Scan# 864
Delta R.T. 0.00 min
Lab File: VW011743.D
Acq: 07 Aug 2019 11:47

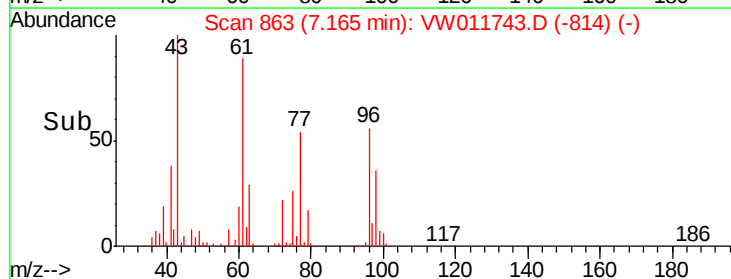
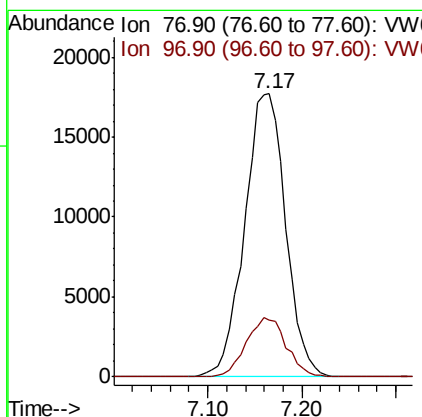
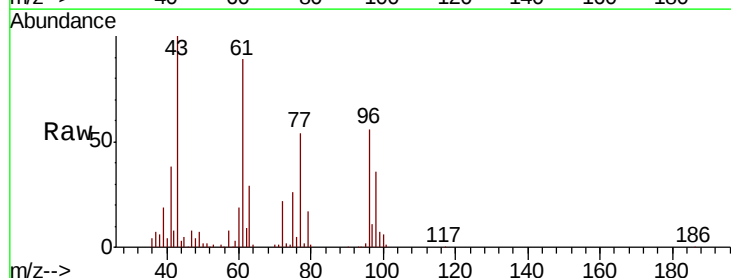
Instrument :
MSVOA_W
ClientSampleId :
VW0808SBS01

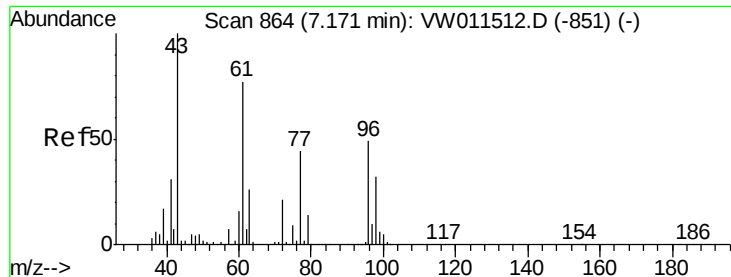
Tgt Ion: 43 Resp: 88547
Ion Ratio Lower Upper
43 100
72 19.6 16.6 24.8



#26
2,2-Dichloropropane
Concen: 18.154 ug/l
RT: 7.17 min Scan# 863
Delta R.T. 0.00 min
Lab File: VW011743.D
Acq: 07 Aug 2019 11:47

Tgt Ion: 77 Resp: 53847
Ion Ratio Lower Upper
77 100
97 20.4 10.8 32.4



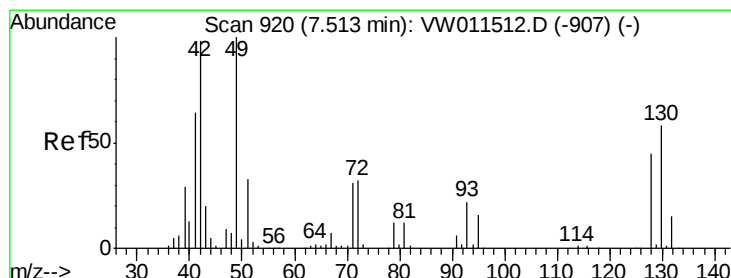
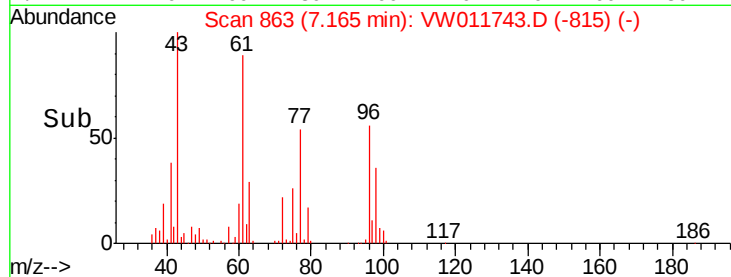
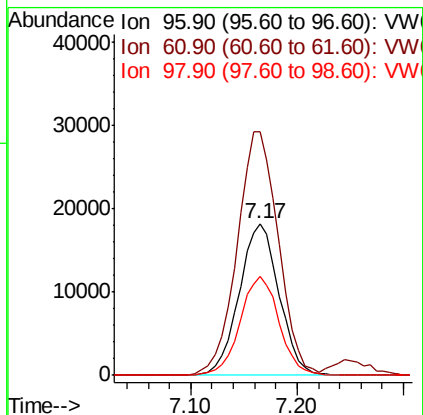
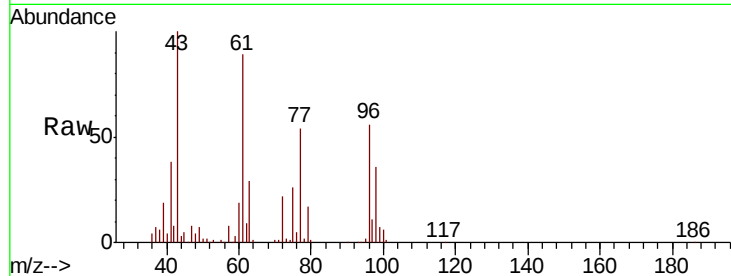


#27

cis-1,2-Dichloroethene
Concen: 17.904 ug/l
RT: 7.17 min Scan# 863
Delta R.T. -0.01 min
Lab File: VW011743.D
Acq: 07 Aug 2019 11:47

Instrument :
MSVOA_W
ClientSampleId :
VW0808SBS01

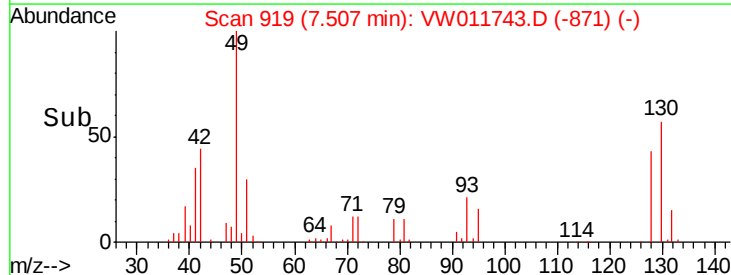
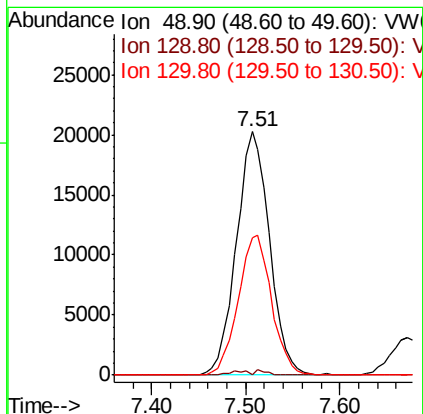
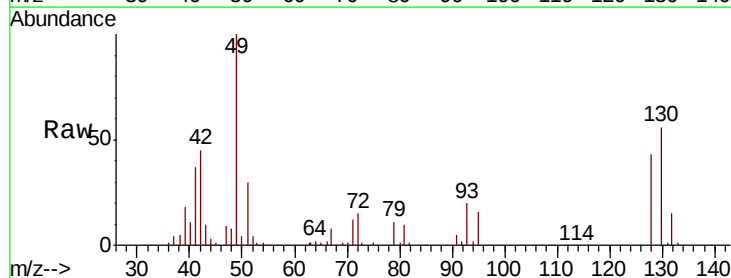
Tgt Ion: 96 Resp: 47708
Ion Ratio Lower Upper
96 100
61 166.4 0.0 328.4
98 63.9 0.0 128.8

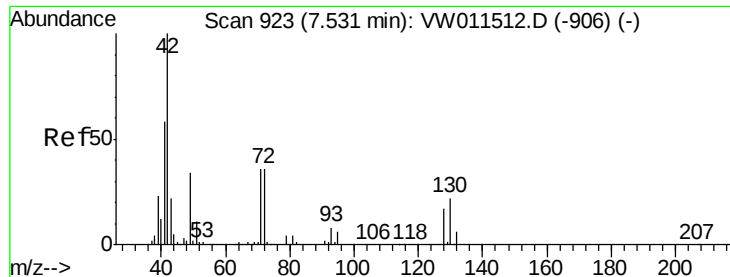


#28

Bromochloromethane
Concen: 23.204 ug/l
RT: 7.51 min Scan# 919
Delta R.T. -0.01 min
Lab File: VW011743.D
Acq: 07 Aug 2019 11:47

Tgt Ion: 49 Resp: 49673
Ion Ratio Lower Upper
49 100
129 0.7 0.0 1.0
130 57.8 46.3 69.5

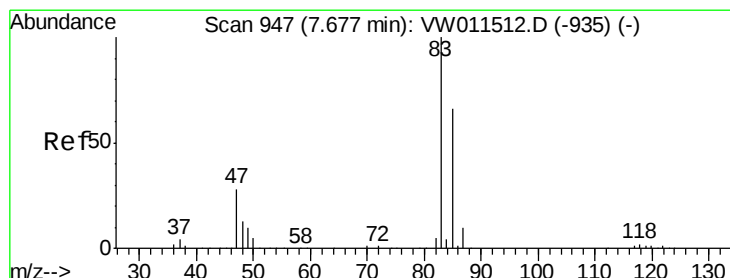
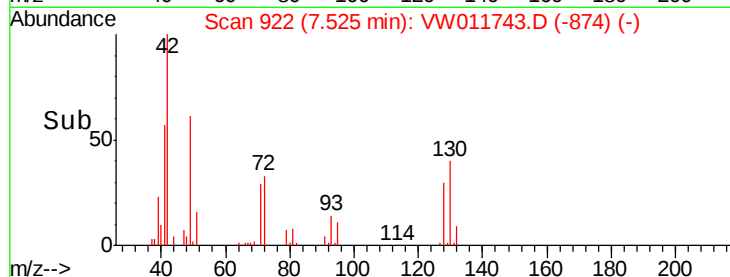
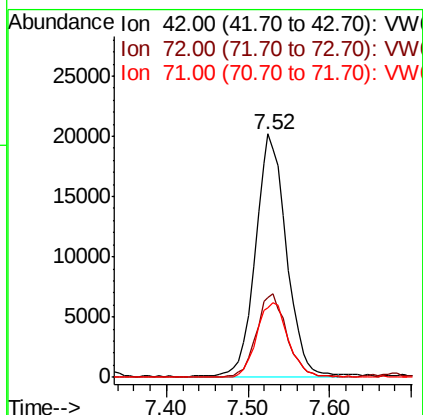
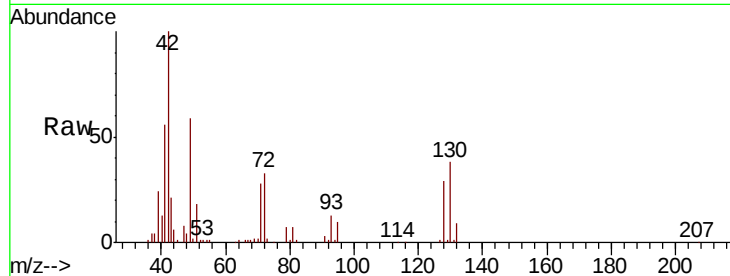




#29
Tetrahydrofuran
Concen: 91.155 ug/l
RT: 7.52 min Scan# 922
Delta R.T. -0.01 min
Lab File: VW011743.D
Acq: 07 Aug 2019 11:47

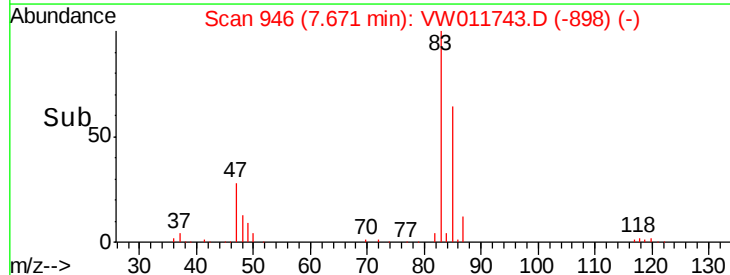
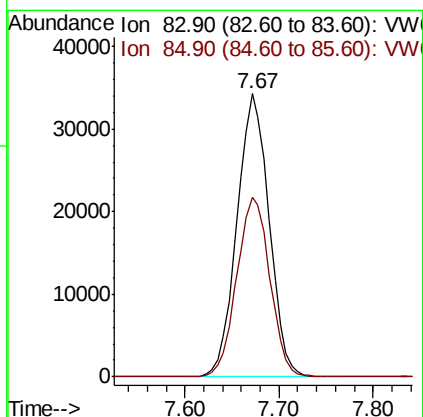
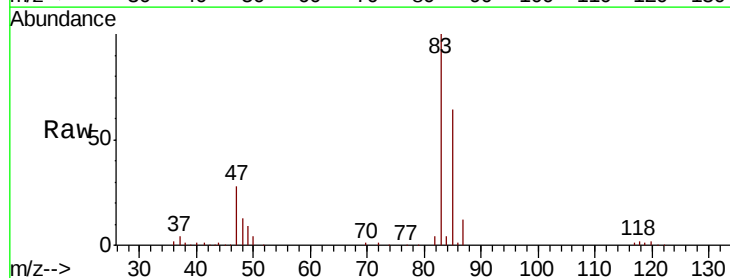
Instrument :
MSVOA_W
ClientSampleId :
VW0808SBS01

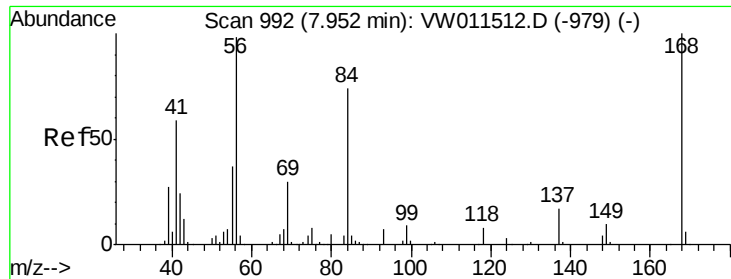
Tgt Ion: 42 Resp: 53701
Ion Ratio Lower Upper
42 100
72 33.6 27.1 40.7
71 31.4 26.2 39.4



#30
Chloroform
Concen: 18.256 ug/l
RT: 7.67 min Scan# 946
Delta R.T. -0.01 min
Lab File: VW011743.D
Acq: 07 Aug 2019 11:47

Tgt Ion: 83 Resp: 81231
Ion Ratio Lower Upper
83 100
85 63.7 52.5 78.7

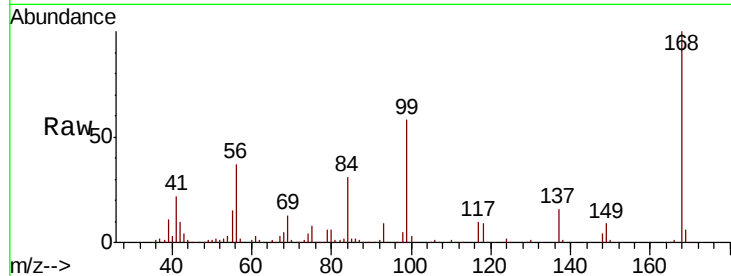




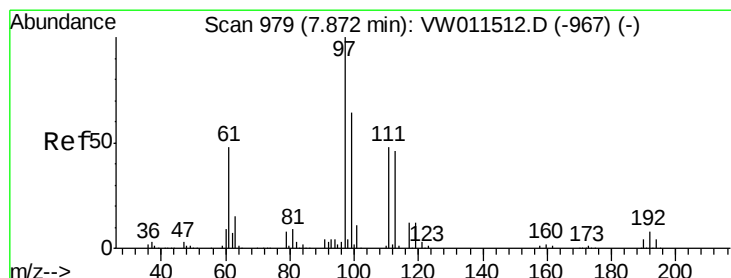
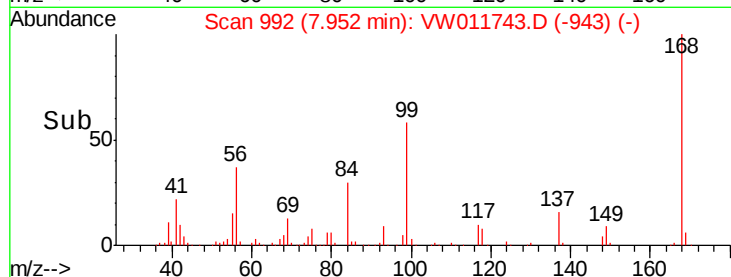
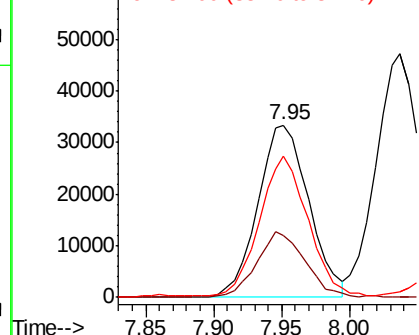
#31
Cyclohexane
Concen: 18.859 ug/l
RT: 7.95 min Scan# 992
Delta R.T. 0.00 min
Lab File: VW011743.D
Acq: 07 Aug 2019 11:47

Instrument :
MSVOA_W
ClientSampleId :
VW0808SBS01

Tgt Ion: 56 Resp: 87312
Ion Ratio Lower Upper
56 100
69 35.9 24.3 36.5
84 80.9 60.4 90.6

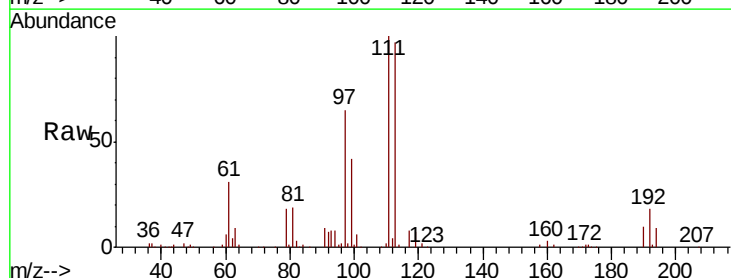


Abundance Ion 56.00 (55.70 to 56.70): VW
Ion 69.00 (68.70 to 69.70): VW
Ion 84.00 (83.70 to 84.70): VW

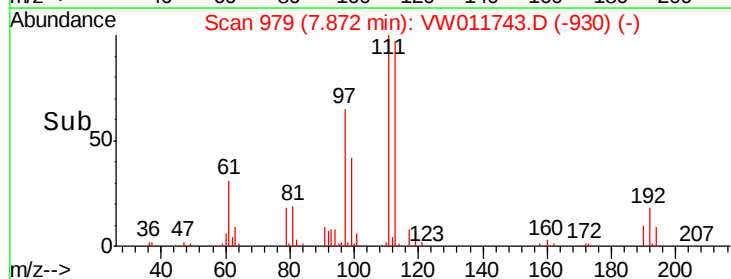
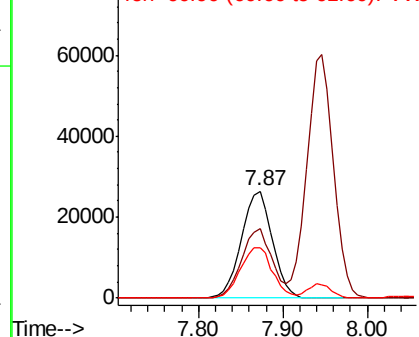


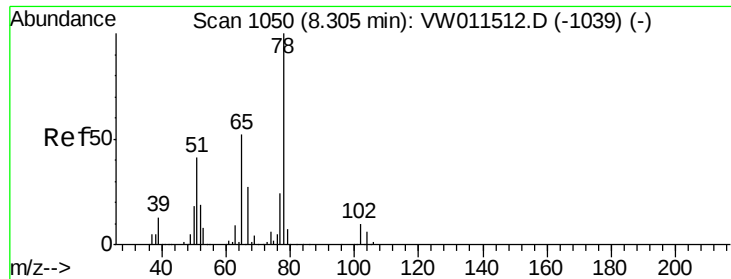
#32
1,1,1-Trichloroethane
Concen: 19.268 ug/l
RT: 7.87 min Scan# 979
Delta R.T. 0.00 min
Lab File: VW011743.D
Acq: 07 Aug 2019 11:47

Tgt Ion: 97 Resp: 65292
Ion Ratio Lower Upper
97 100
99 64.0 51.0 76.6
61 49.5 39.8 59.6



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

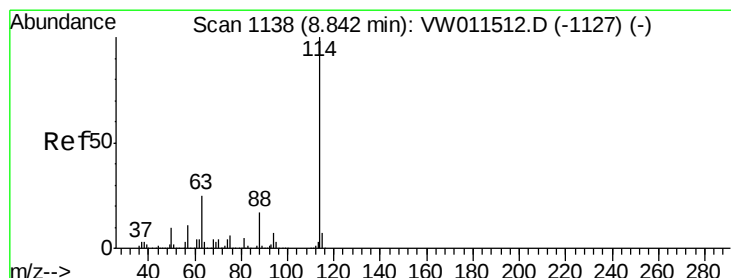
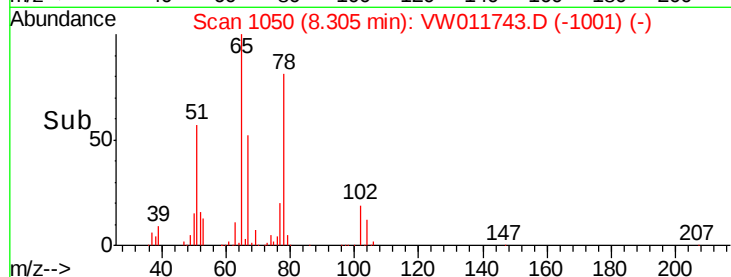
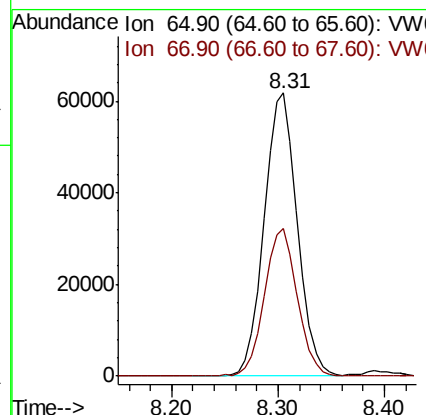
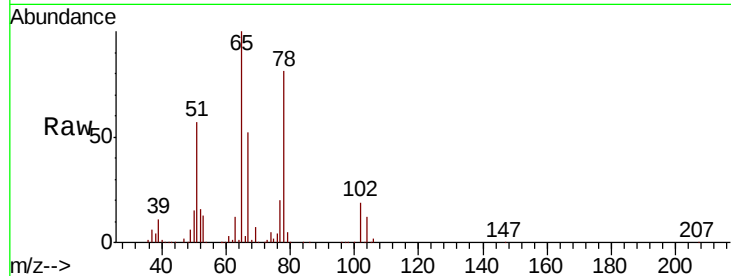




#33
 1,2-Dichloroethane-d4
 Concen: 54.168 ug/l
 RT: 8.31 min Scan# 1050
 Delta R.T. 0.00 min
 Lab File: VW011743.D
 Acq: 07 Aug 2019 11:47

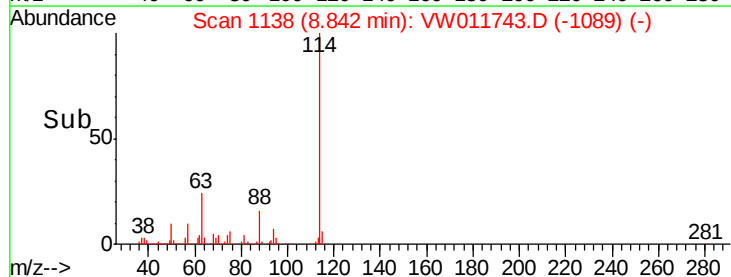
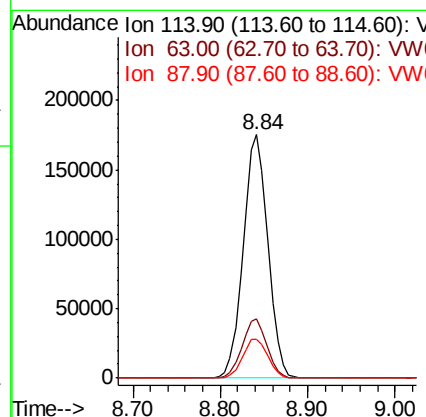
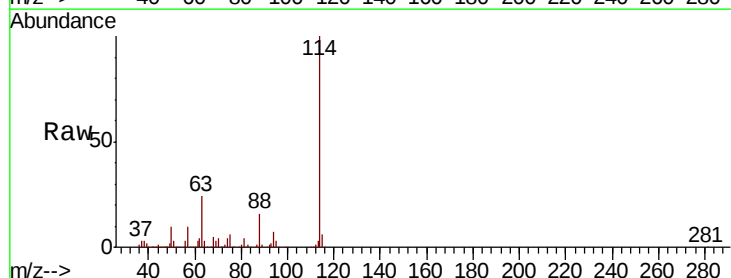
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0808SBS01

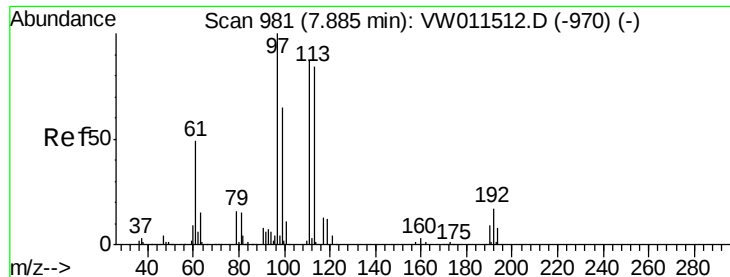
Tgt Ion: 65 Resp: 134123
 Ion Ratio Lower Upper
 65 100
 67 51.9 0.0 105.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. 0.00 min
 Lab File: VW011743.D
 Acq: 07 Aug 2019 11:47

Tgt Ion: 114 Resp: 341763
 Ion Ratio Lower Upper
 114 100
 63 24.2 0.0 49.2
 88 16.2 0.0 33.8





#35

Dibromofluoromethane

Concen: 56.132 ug/l

RT: 7.88 min Scan# 980

Delta R.T. -0.01 min

Lab File: VW011743.D

Acq: 07 Aug 2019 11:47

Instrument :

MSVOA_W

ClientSampleId :

VW0808SBS01

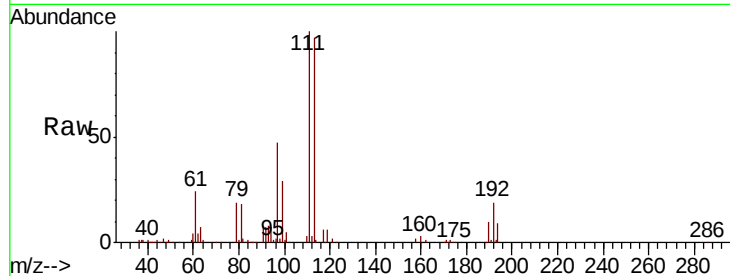
Tgt Ion:113 Resp: 107625

Ion Ratio Lower Upper

113 100

111 102.7 82.7 124.1

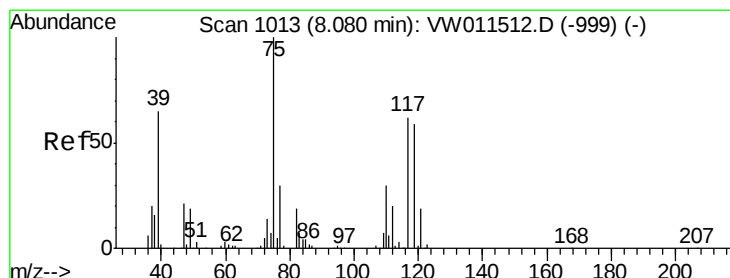
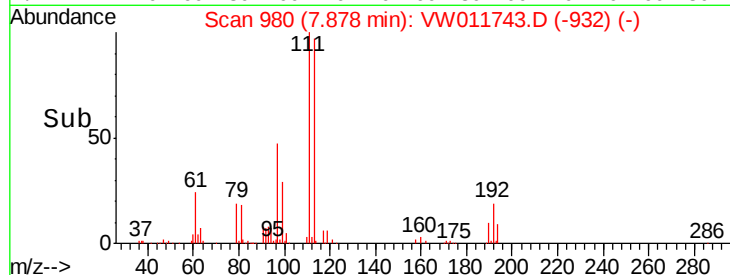
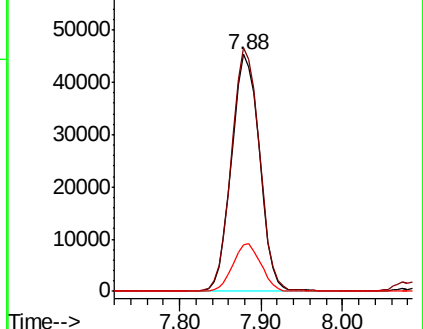
192 20.2 16.1 24.1



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 19.703 ug/l

RT: 8.08 min Scan# 1013

Delta R.T. 0.00 min

Lab File: VW011743.D

Acq: 07 Aug 2019 11:47

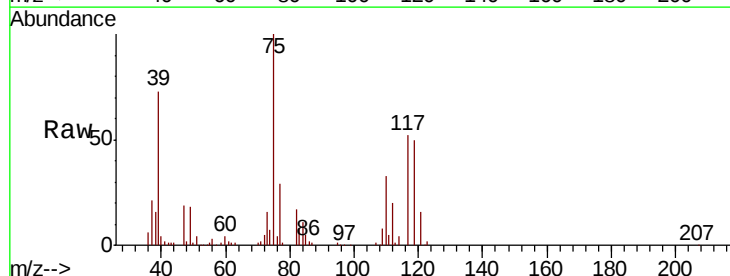
Tgt Ion: 75 Resp: 70020

Ion Ratio Lower Upper

75 100

110 31.6 15.6 46.8

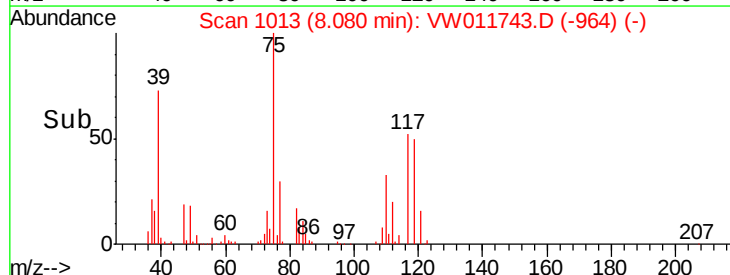
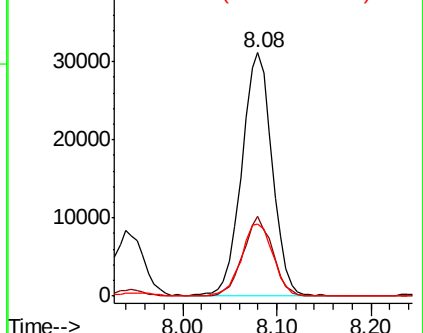
77 31.0 24.3 36.5

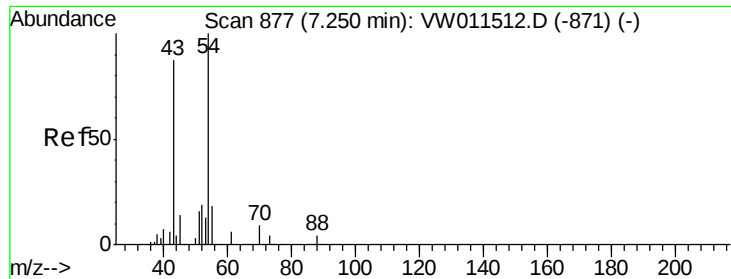


Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VW

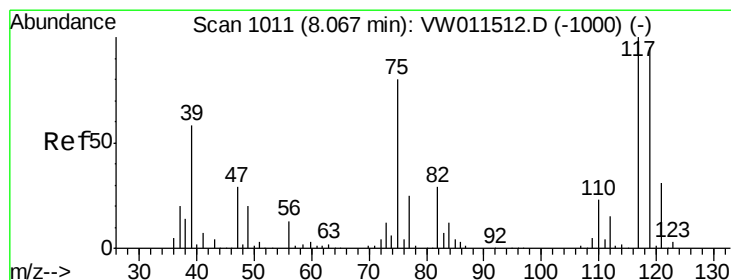
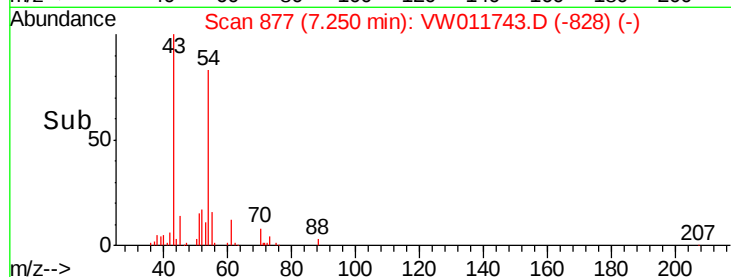
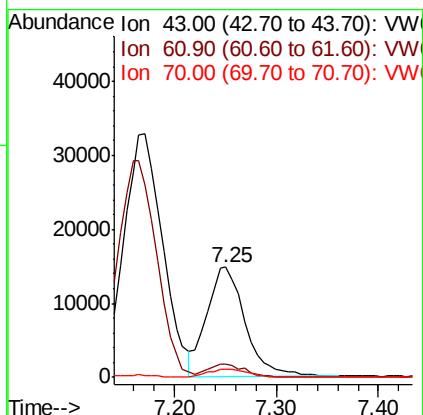
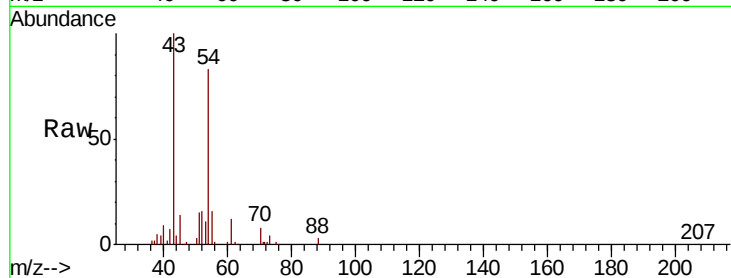




#37
Ethyl Acetate
Concen: 19.068 ug/l
RT: 7.25 min Scan# 877
Delta R.T. 0.00 min
Lab File: VW011743.D
Acq: 07 Aug 2019 11:47

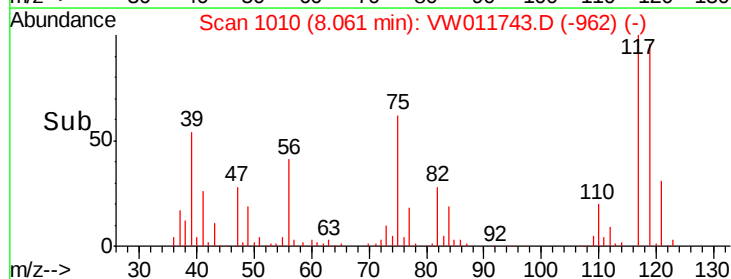
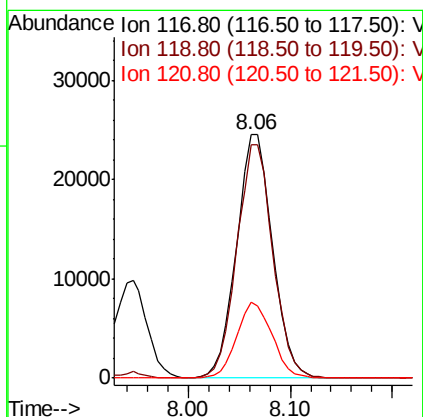
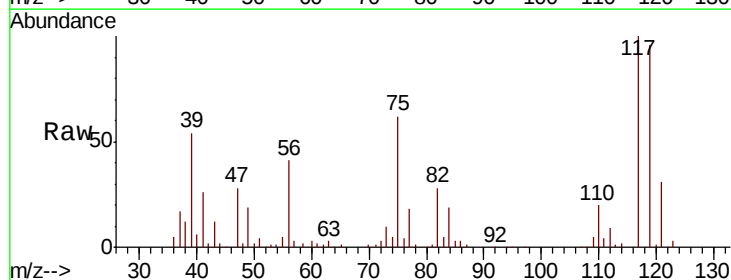
Instrument :
MSVOA_W
ClientSampleId :
VW0808SBS01

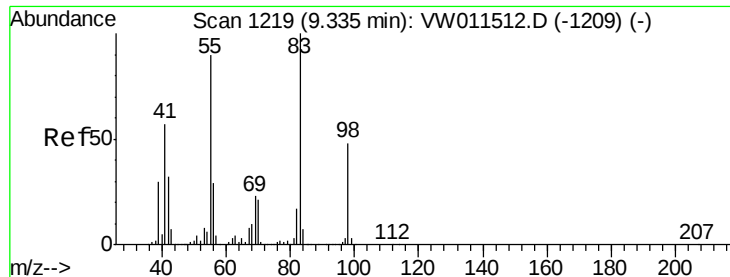
Tgt Ion: 43 Resp: 38985
Ion Ratio Lower Upper
43 100
61 11.7 8.8 13.2
70 8.1 7.1 10.7



#38
Carbon Tetrachloride
Concen: 19.776 ug/l
RT: 8.06 min Scan# 1010
Delta R.T. -0.01 min
Lab File: VW011743.D
Acq: 07 Aug 2019 11:47

Tgt Ion: 117 Resp: 60164
Ion Ratio Lower Upper
117 100
119 95.7 75.8 113.6
121 31.0 24.7 37.1

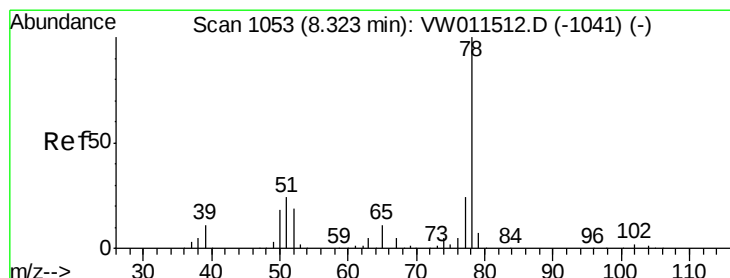
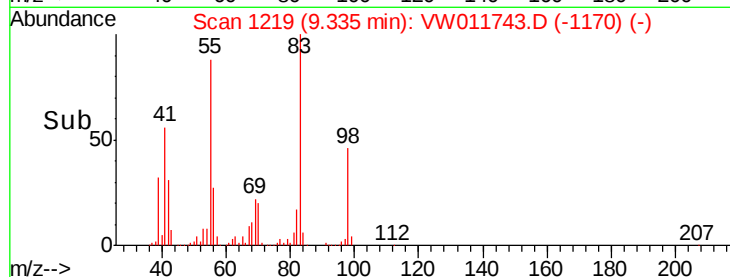
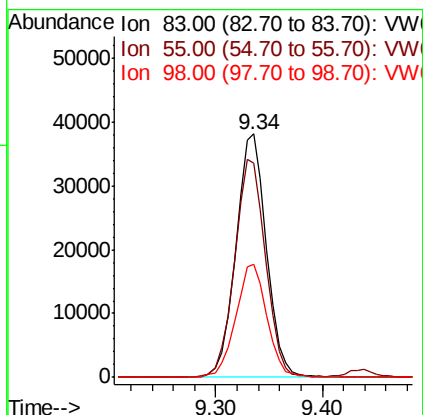
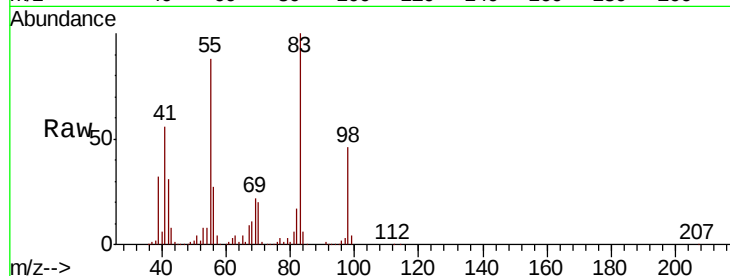




#39
Methylcyclohexane
Concen: 19.605 ug/l
RT: 9.34 min Scan# 1219
Delta R.T. 0.00 min
Lab File: VW011743.D
Acq: 07 Aug 2019 11:47

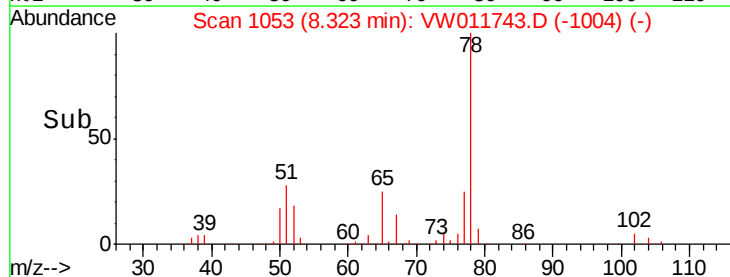
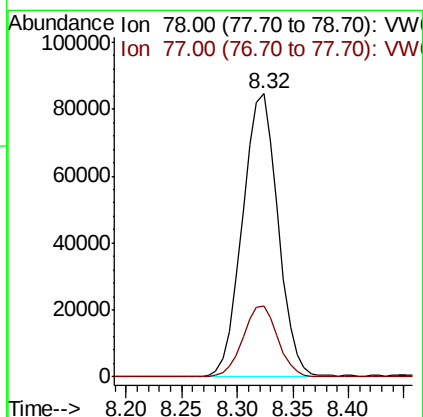
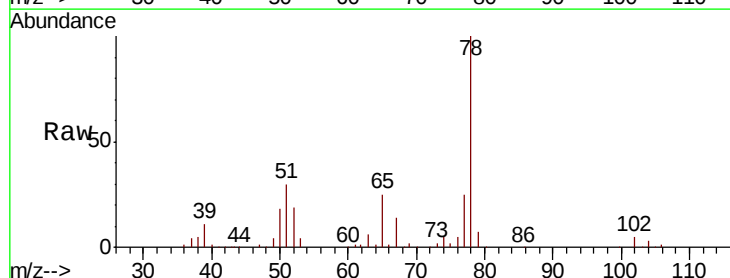
Instrument :
MSVOA_W
ClientSampleId :
VW0808SBS01

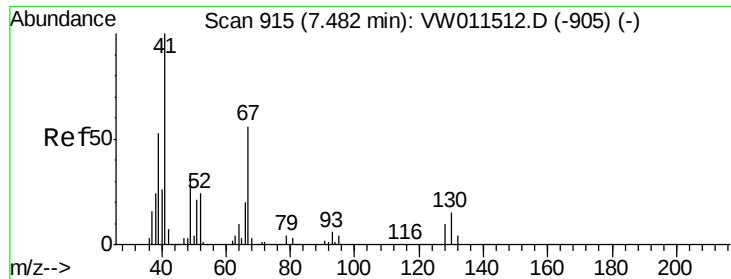
Tgt Ion: 83 Resp: 76716
Ion Ratio Lower Upper
83 100
55 87.8 72.1 108.1
98 46.5 38.6 57.8



#40
Benzene
Concen: 18.911 ug/l
RT: 8.32 min Scan# 1053
Delta R.T. 0.00 min
Lab File: VW011743.D
Acq: 07 Aug 2019 11:47

Tgt Ion: 78 Resp: 188240
Ion Ratio Lower Upper
78 100
77 25.2 19.4 29.0

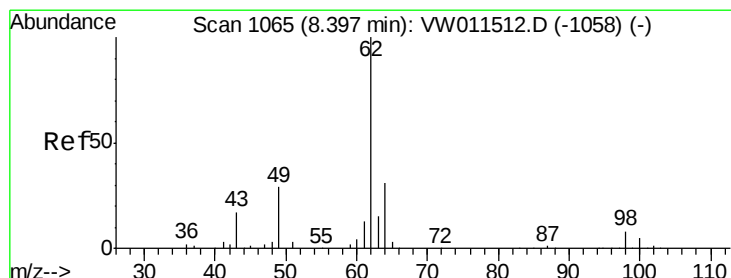
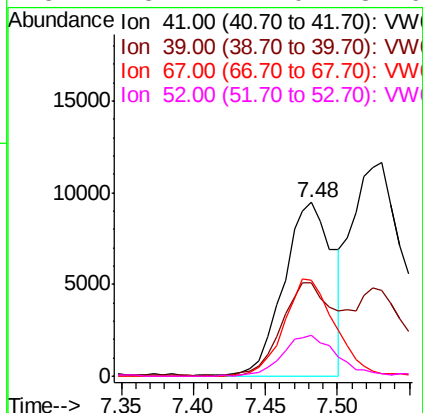
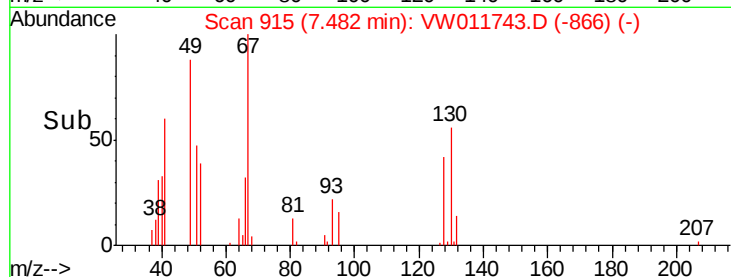
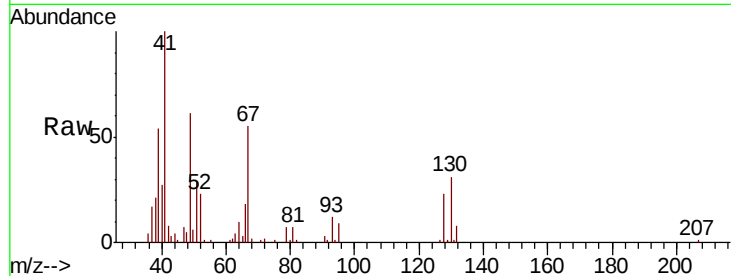




#41
Methacrylonitrile
Concen: 18.587 ug/l
RT: 7.48 min Scan# 915
Delta R.T. 0.00 min
Lab File: VW011743.D
Acq: 07 Aug 2019 11:47

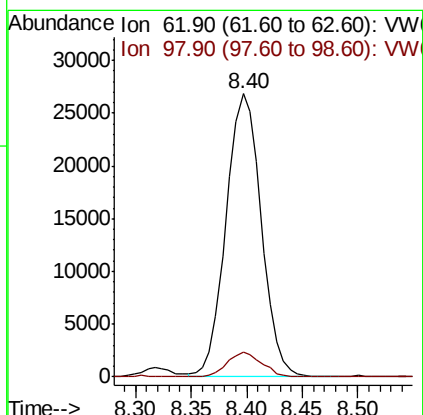
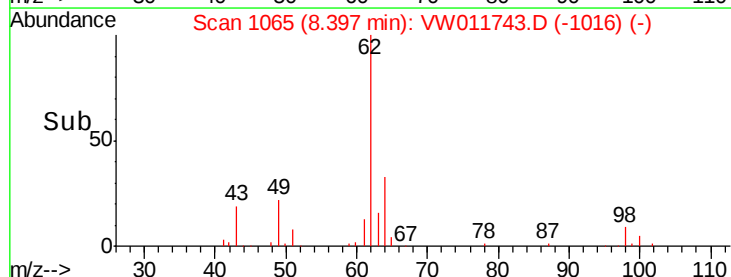
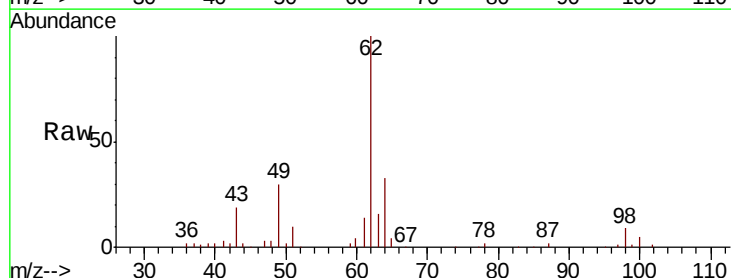
Instrument :
MSVOA_W
ClientSampleId :
VW0808SBS01

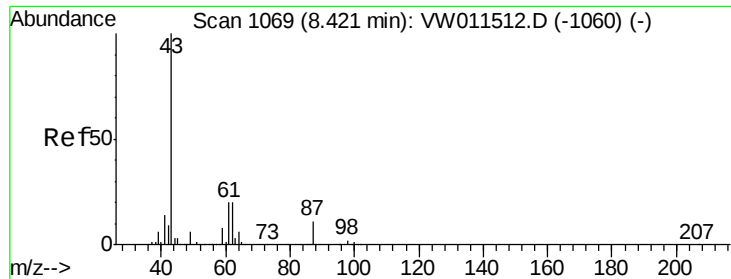
Tgt Ion:	41	Resp:	22717
Ion	Ratio	Lower	Upper
41	100		
39	55.2	43.0	64.4
67	58.0	47.5	71.3
52	25.7	21.0	31.6



#42
1,2-Dichloroethane
Concen: 18.922 ug/l
RT: 8.40 min Scan# 1065
Delta R.T. 0.00 min
Lab File: VW011743.D
Acq: 07 Aug 2019 11:47

Tgt Ion:	62	Resp:	58969
Ion	Ratio	Lower	Upper
62	100		
98	8.7	0.0	16.8

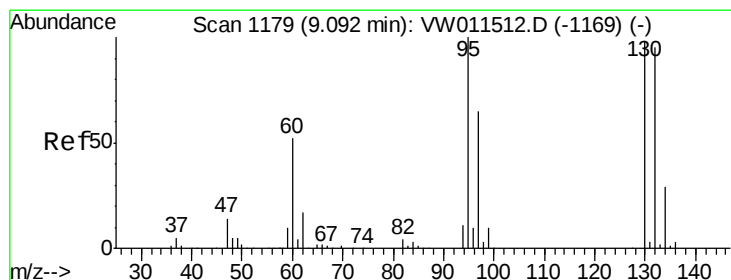
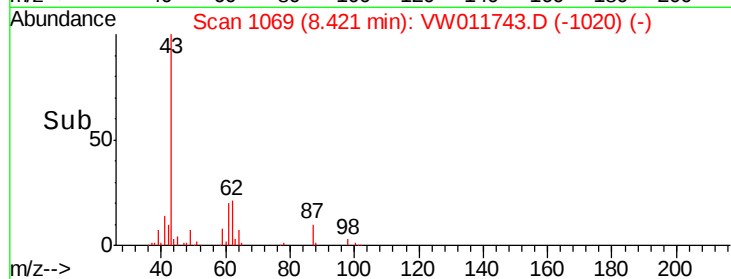
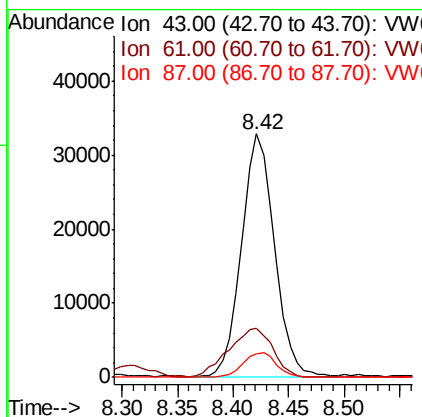
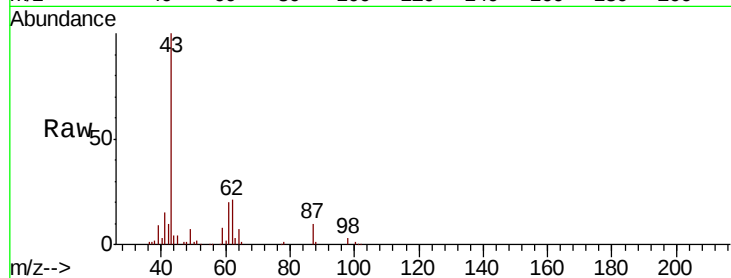




#43
Isopropyl Acetate
Concen: 18.148 ug/l
RT: 8.42 min Scan# 1069
Delta R.T. 0.00 min
Lab File: VW011743.D
Acq: 07 Aug 2019 11:47

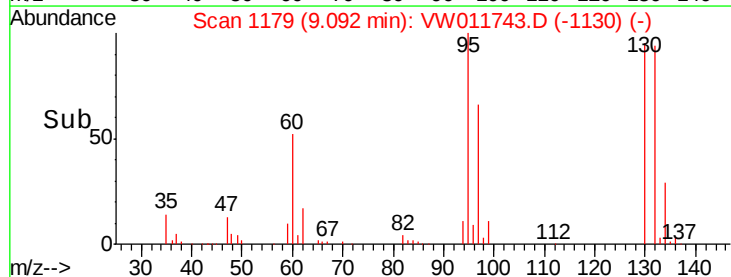
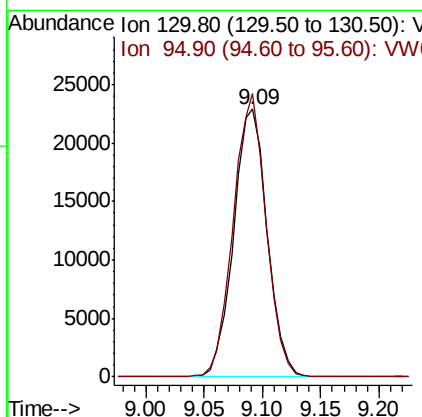
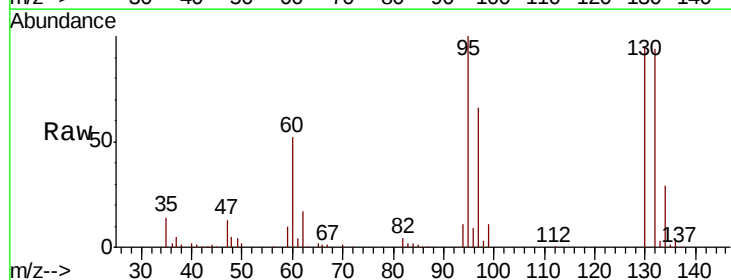
Instrument :
MSVOA_W
ClientSampleId :
VW0808SBS01

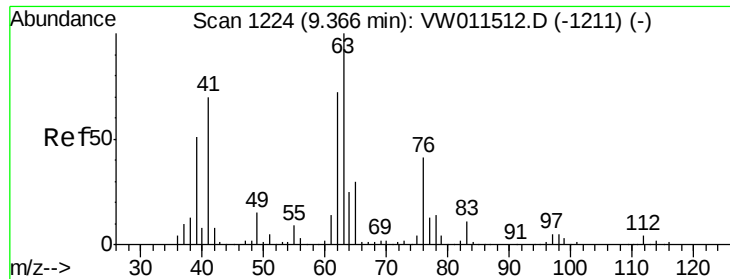
Tgt Ion: 43 Resp: 68237
Ion Ratio Lower Upper
43 100
61 27.2 21.5 32.3
87 10.4 8.4 12.6



#44
Trichloroethene
Concen: 19.217 ug/l
RT: 9.09 min Scan# 1179
Delta R.T. 0.00 min
Lab File: VW011743.D
Acq: 07 Aug 2019 11:47

Tgt Ion: 130 Resp: 45977
Ion Ratio Lower Upper
130 100
95 105.8 0.0 204.8

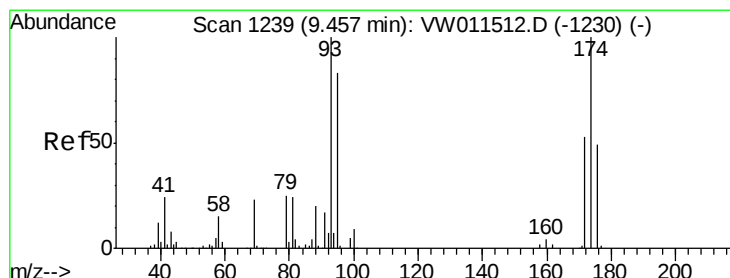
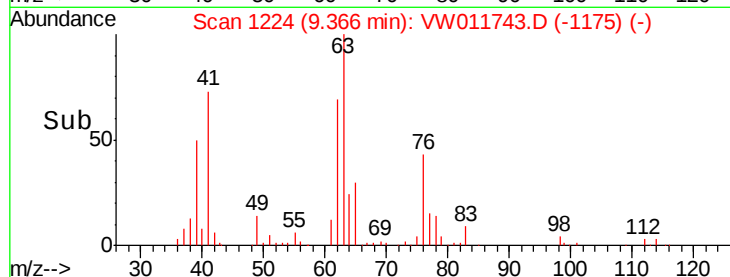
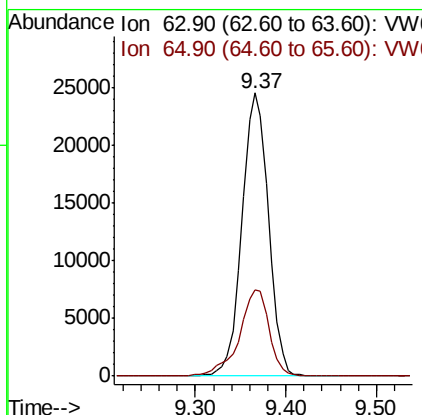
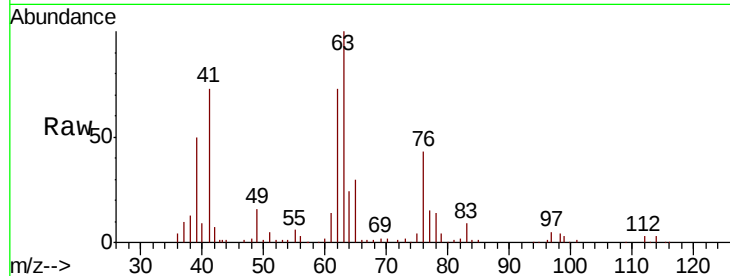




#45
 1,2-Dichloropropane
 Concen: 18.595 ug/l
 RT: 9.37 min Scan# 1224
 Delta R.T. 0.00 min
 Lab File: VW011743.D
 Acq: 07 Aug 2019 11:47

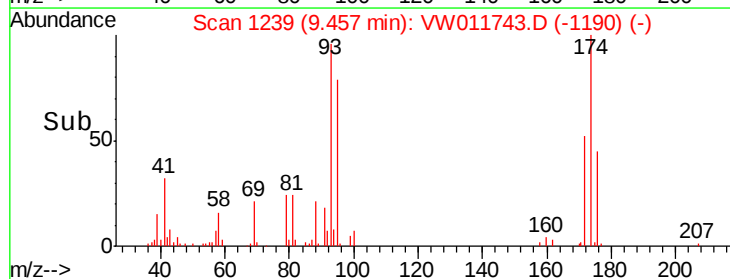
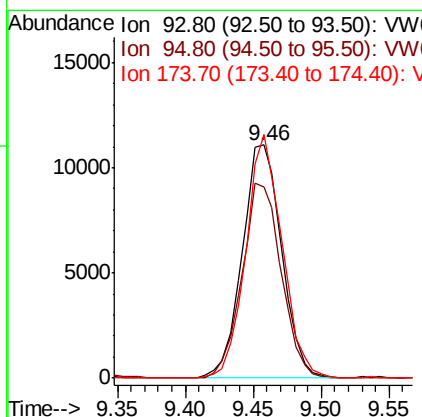
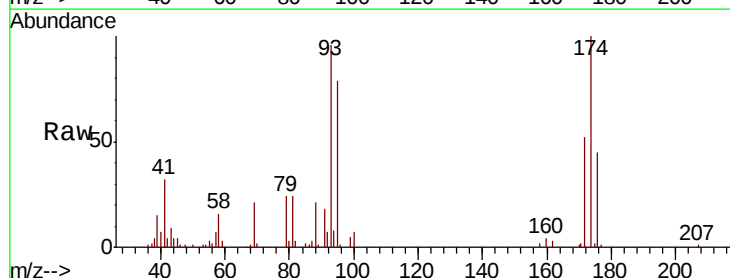
Instrument :
 MSVOA_W
 ClientSampled :
 VW0808SBS01

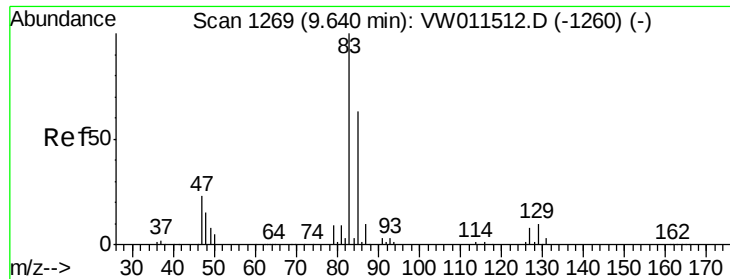
Tgt Ion: 63 Resp: 49526
 Ion Ratio Lower Upper
 63 100
 65 30.3 24.2 36.4



#46
 Dibromomethane
 Concen: 18.456 ug/l
 RT: 9.46 min Scan# 1239
 Delta R.T. 0.00 min
 Lab File: VW011743.D
 Acq: 07 Aug 2019 11:47

Tgt Ion: 93 Resp: 22436
 Ion Ratio Lower Upper
 93 100
 95 83.3 66.2 99.2
 174 96.1 78.2 117.4

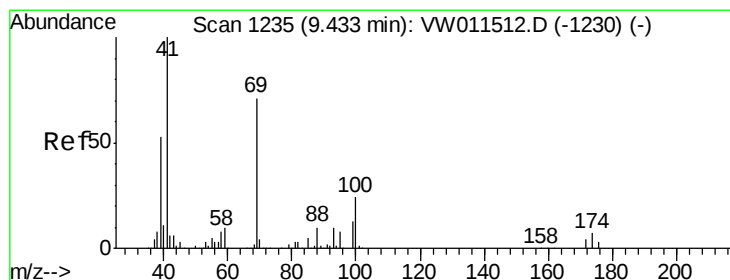
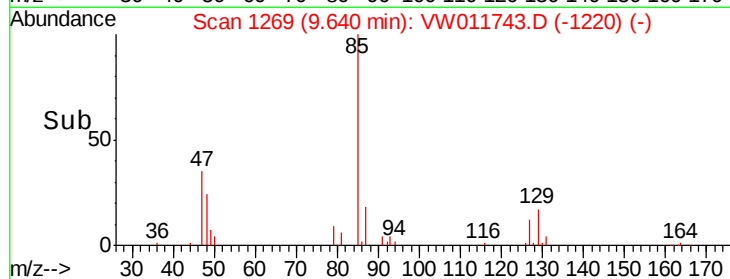
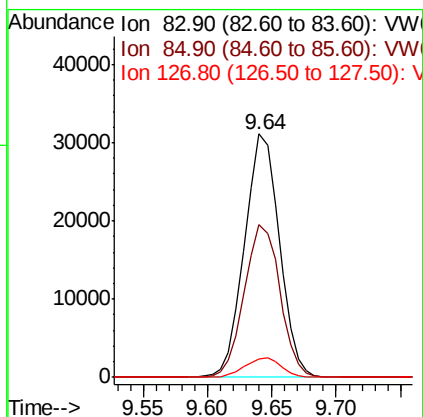
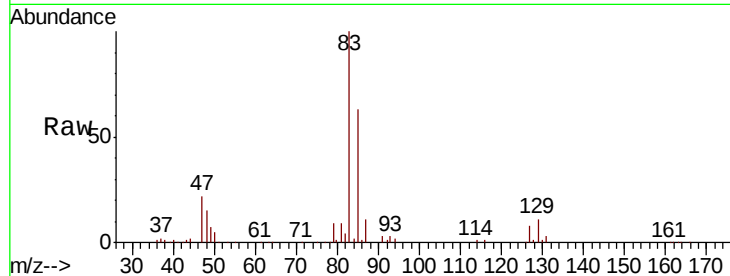




#47
 Bromodichloromethane
 Concen: 18.366 ug/l
 RT: 9.64 min Scan# 1269
 Delta R.T. 0.00 min
 Lab File: VW011743.D
 Acq: 07 Aug 2019 11:47

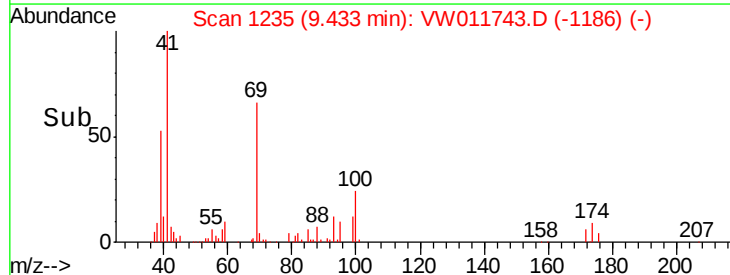
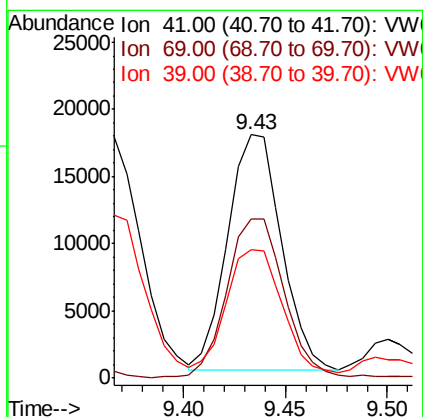
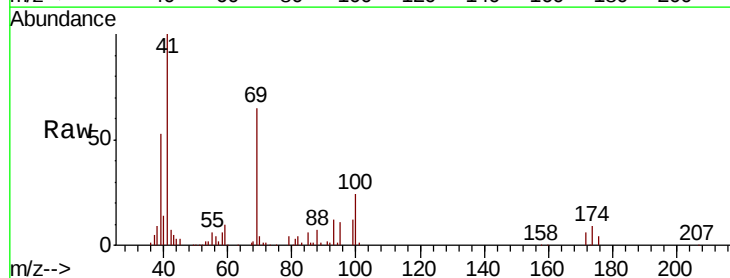
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0808SBS01

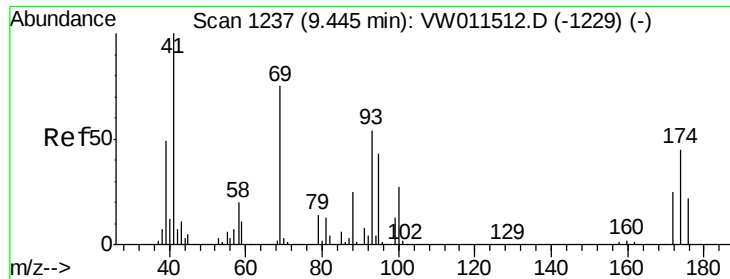
Tgt Ion: 83 Resp: 58563
 Ion Ratio Lower Upper
 83 100
 85 62.8 50.5 75.7
 127 7.5 6.4 9.6



#48
 Methyl methacrylate
 Concen: 17.727 ug/l
 RT: 9.43 min Scan# 1235
 Delta R.T. 0.00 min
 Lab File: VW011743.D
 Acq: 07 Aug 2019 11:47

Tgt Ion: 41 Resp: 32018
 Ion Ratio Lower Upper
 41 100
 69 71.2 57.1 85.7
 39 53.5 45.4 68.2

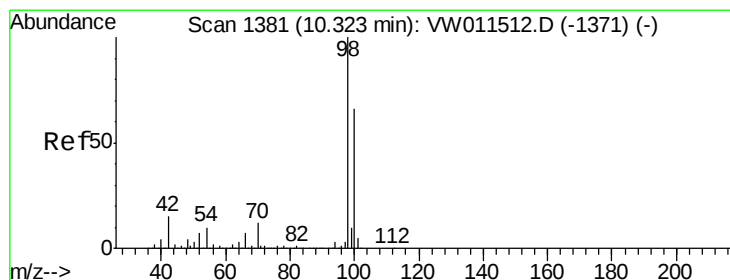
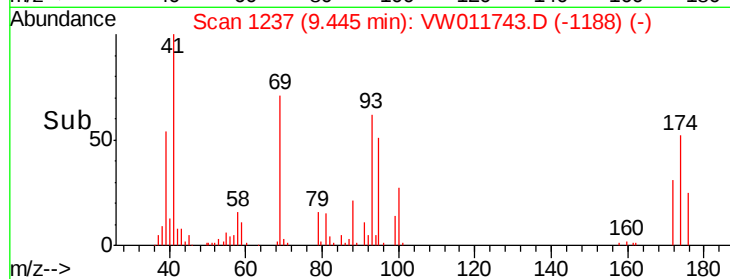
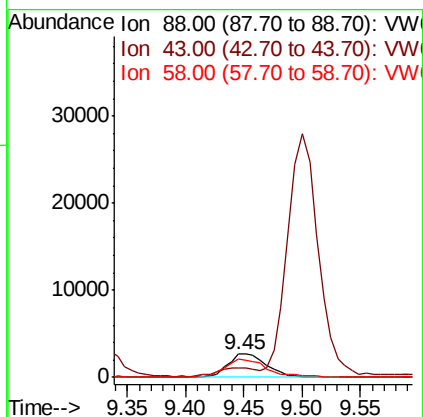
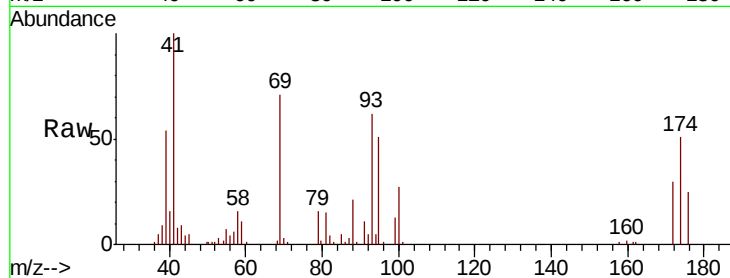




#49
 1,4-Dioxane
 Concen: 354.345 ug/l
 RT: 9.45 min Scan# 1237
 Delta R.T. 0.00 min
 Lab File: VW011743.D
 Acq: 07 Aug 2019 11:47

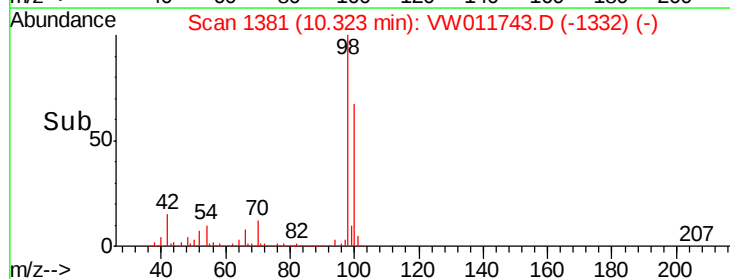
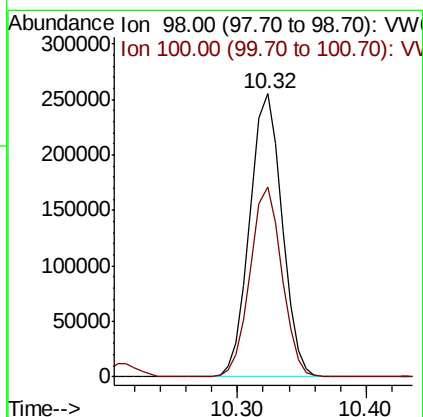
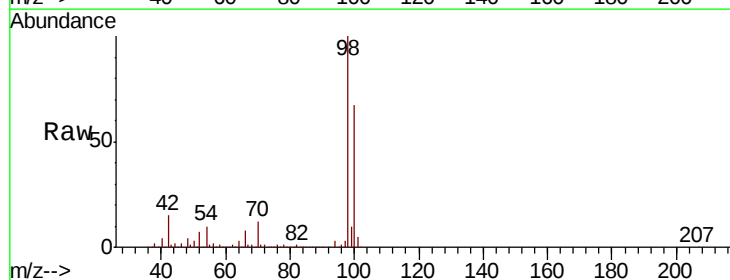
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0808SBS01

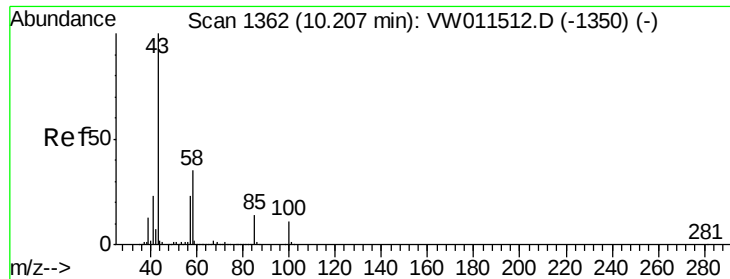
Tgt Ion: 88 Resp: 6237
 Ion Ratio Lower Upper
 88 100
 43 38.5 34.0 51.0
 58 86.5 69.7 104.5



#50
 Toluene-d8
 Concen: 56.286 ug/l
 RT: 10.32 min Scan# 1381
 Delta R.T. 0.00 min
 Lab File: VW011743.D
 Acq: 07 Aug 2019 11:47

Tgt Ion: 98 Resp: 441856
 Ion Ratio Lower Upper
 98 100
 100 66.0 52.7 79.1

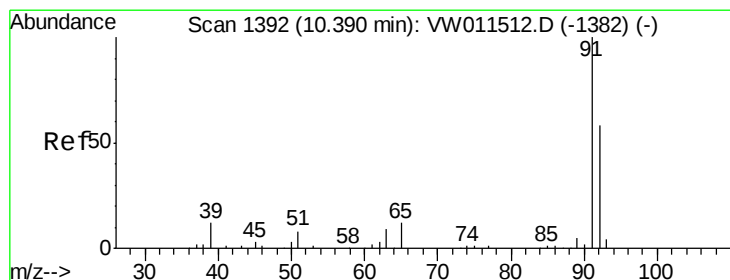
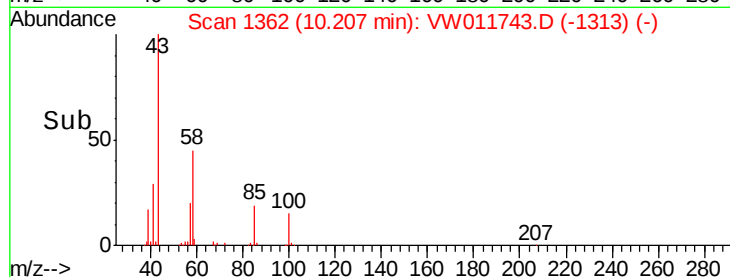
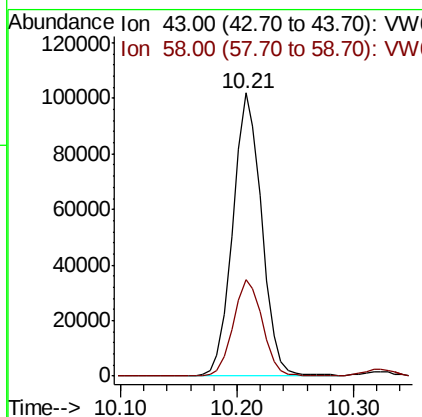
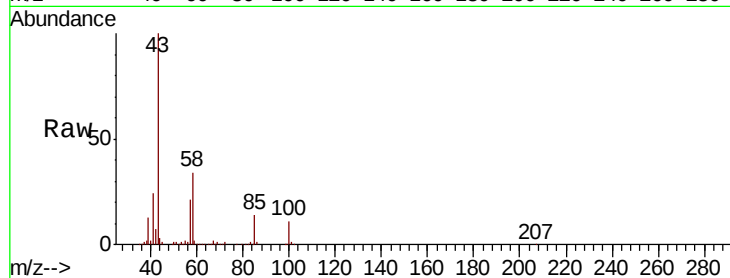




#51
 4-Methyl-2-Pentanone
 Concen: 89.966 ug/l
 RT: 10.21 min Scan# 1362
 Delta R.T. 0.00 min
 Lab File: VW011743.D
 Acq: 07 Aug 2019 11:47

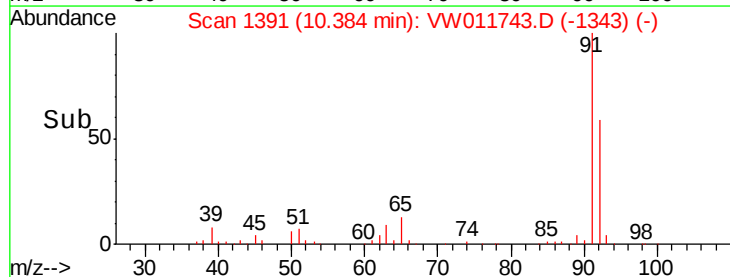
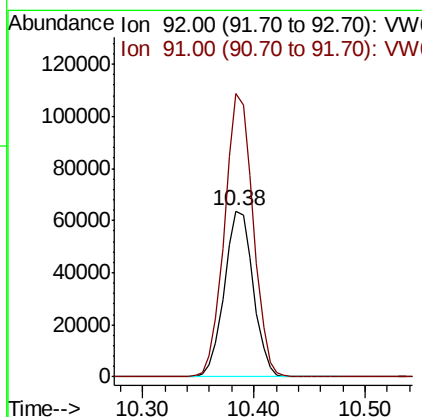
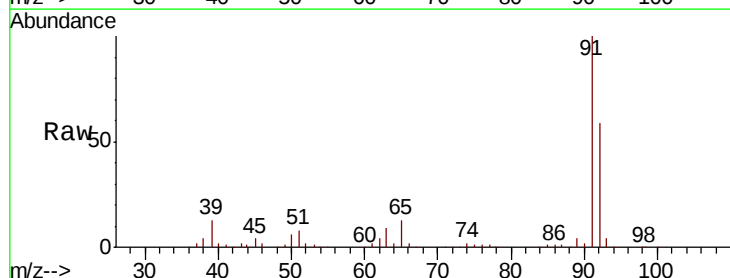
Instrument :
 MSVOA_W
 ClientSampled :
 VW0808SBS01

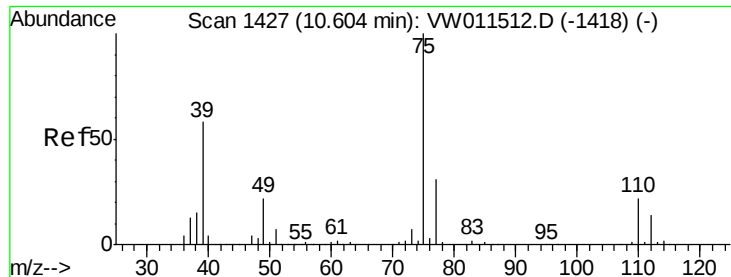
Tgt Ion: 43 Resp: 175955
 Ion Ratio Lower Upper
 43 100
 58 34.4 28.2 42.2



#52
 Toluene
 Concen: 19.013 ug/l
 RT: 10.38 min Scan# 1391
 Delta R.T. -0.01 min
 Lab File: VW011743.D
 Acq: 07 Aug 2019 11:47

Tgt Ion: 92 Resp: 114293
 Ion Ratio Lower Upper
 92 100
 91 169.2 136.7 205.1





#53

t-1,3-Dichloropropene

Concen: 17.881 ug/l

RT: 10.60 min Scan# 1427

Delta R.T. 0.00 min

Lab File: VW011743.D

Acq: 07 Aug 2019 11:47

Instrument :

MSVOA_W

ClientSampleId :

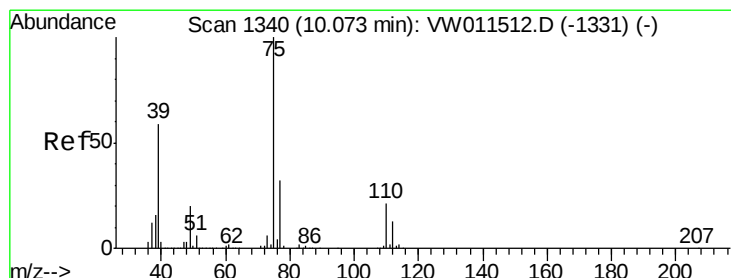
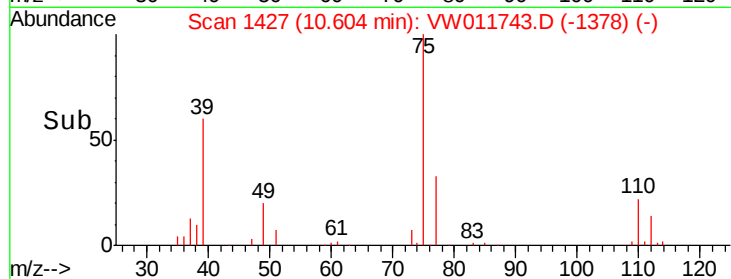
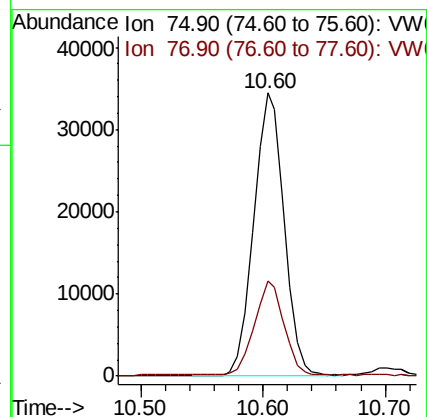
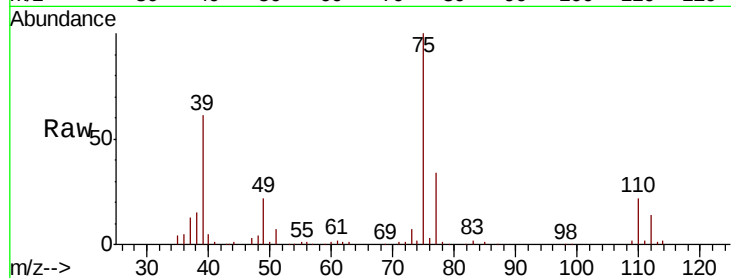
VW0808SBS01

Tgt Ion: 75 Resp: 59562

Ion Ratio Lower Upper

75 100

77 33.1 25.0 37.4



#54

cis-1,3-Dichloropropene

Concen: 18.285 ug/l

RT: 10.07 min Scan# 1340

Delta R.T. 0.00 min

Lab File: VW011743.D

Acq: 07 Aug 2019 11:47

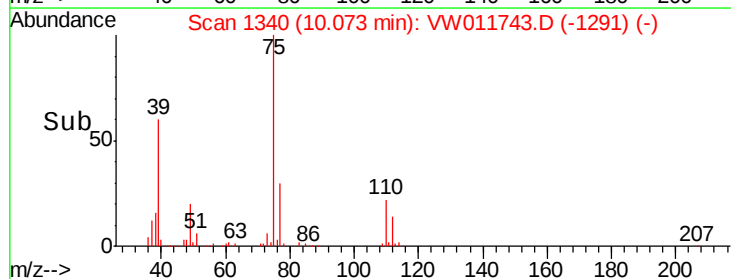
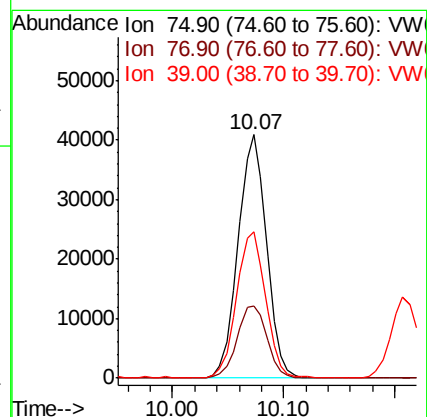
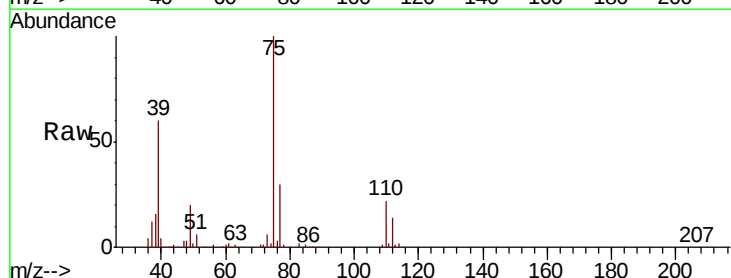
Tgt Ion: 75 Resp: 72420

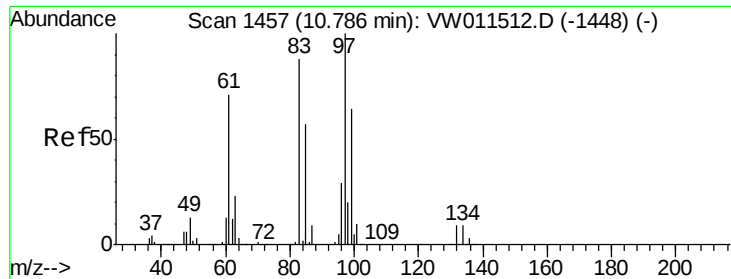
Ion Ratio Lower Upper

75 100

77 29.5 25.6 38.4

39 59.7 47.0 70.4

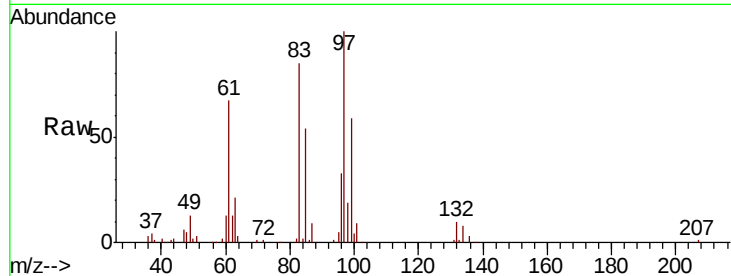




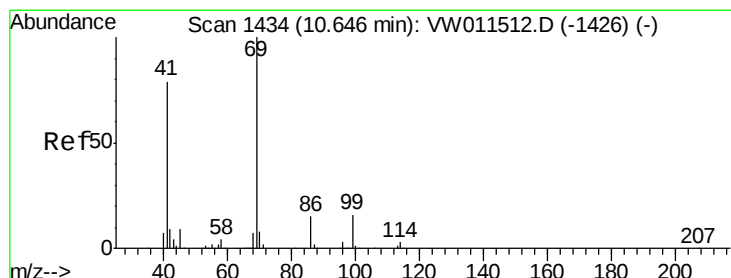
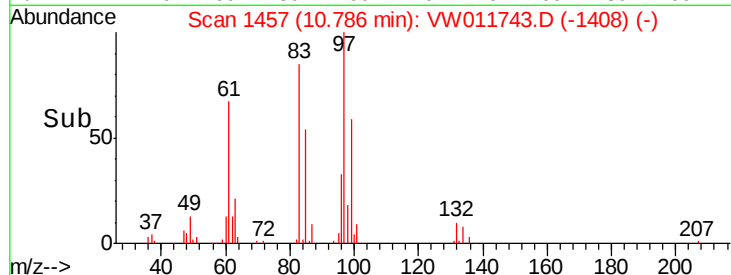
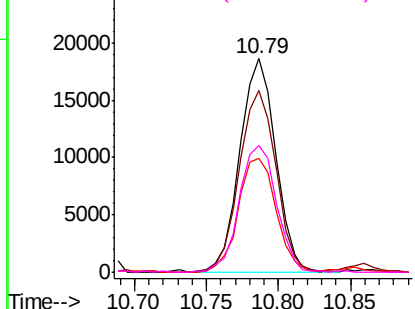
#55
 1,1,2-Trichloroethane
 Concen: 18.658 ug/l
 RT: 10.79 min Scan# 1457
 Delta R.T. 0.00 min
 Lab File: VW011743.D
 Acq: 07 Aug 2019 11:47

Instrument :
 MSVOA_W
 ClientSampled :
 VW0808SBS01

Tgt Ion: 97 Resp: 32181
 Ion Ratio Lower Upper
 97 100
 83 85.3 70.5 105.7
 85 53.5 45.8 68.6
 99 59.2 51.0 76.4

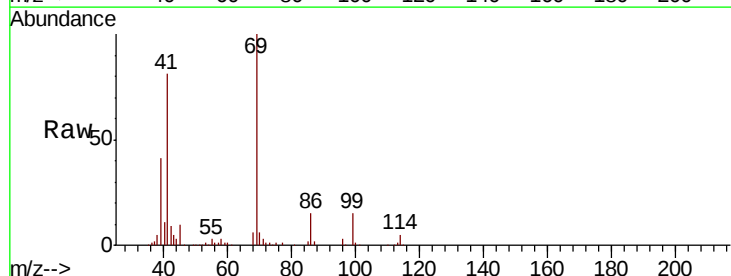


Abundance Ion 96.90 (96.60 to 97.60): VW
 Ion 82.90 (82.60 to 83.60): VW
 Ion 84.90 (84.60 to 85.60): VW
 Ion 98.90 (98.60 to 99.60): VW

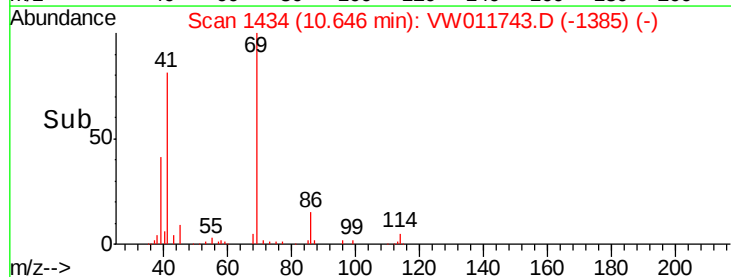
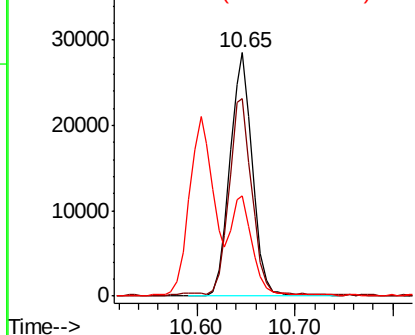


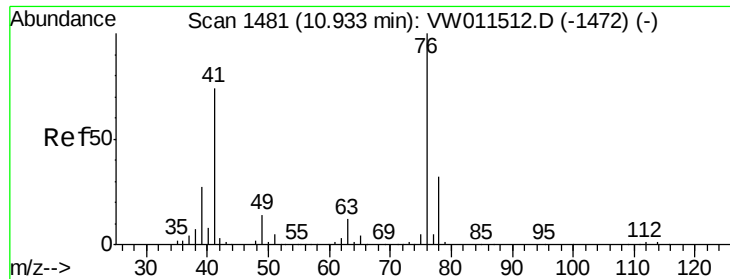
#56
 Ethyl methacrylate
 Concen: 17.995 ug/l
 RT: 10.65 min Scan# 1434
 Delta R.T. 0.00 min
 Lab File: VW011743.D
 Acq: 07 Aug 2019 11:47

Tgt Ion: 69 Resp: 45418
 Ion Ratio Lower Upper
 69 100
 41 81.2 66.6 99.8
 39 37.7 30.3 45.5



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

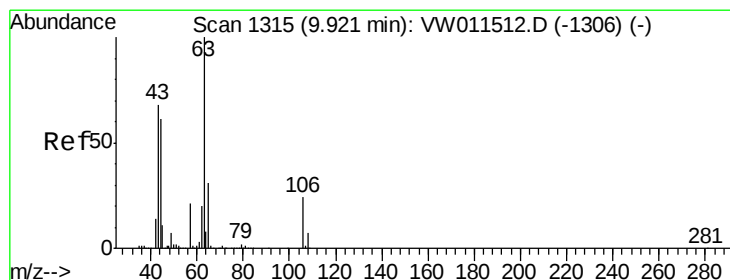
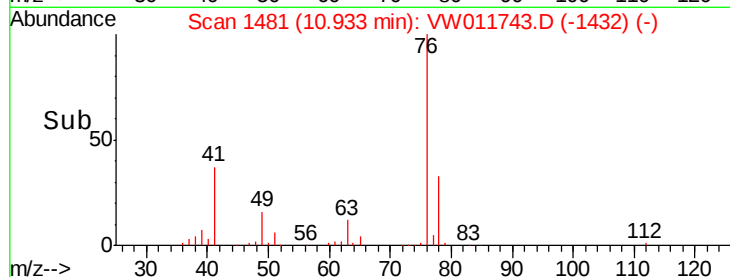
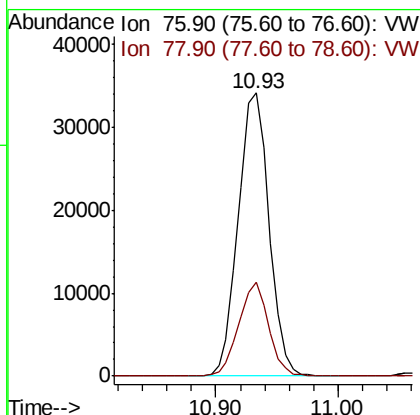
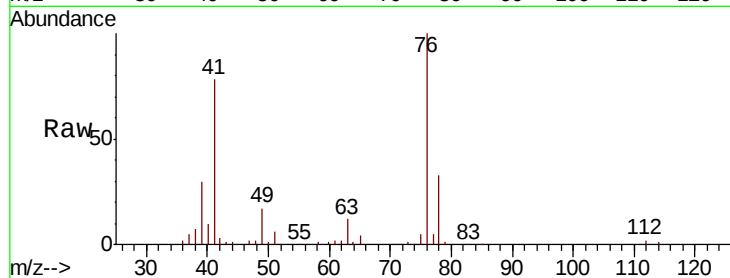




#57
 1,3-Dichloropropane
 Concen: 18.339 ug/l
 RT: 10.93 min Scan# 1481
 Delta R.T. 0.00 min
 Lab File: VW011743.D
 Acq: 07 Aug 2019 11:47

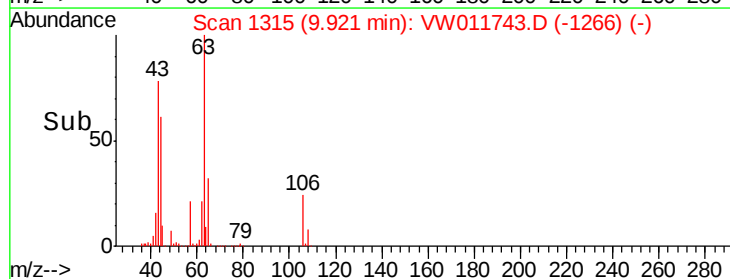
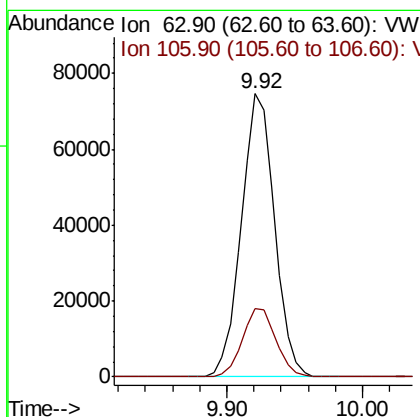
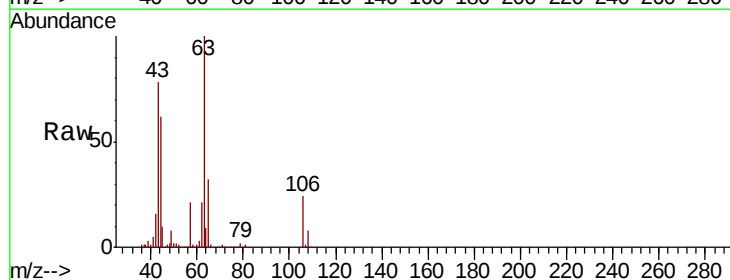
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0808SBS01

Tgt Ion: 76 Resp: 59844
 Ion Ratio Lower Upper
 76 100
 78 31.9 25.2 37.8



#58
 2-Chloroethyl Vinyl ether
 Concen: 111.248 ug/l
 RT: 9.92 min Scan# 1315
 Delta R.T. 0.00 min
 Lab File: VW011743.D
 Acq: 07 Aug 2019 11:47

Tgt Ion: 63 Resp: 127486
 Ion Ratio Lower Upper
 63 100
 106 24.3 19.7 29.5





#59

2-Hexanone

Concen: 89.402 ug/l

RT: 10.97 min Scan# 1487

Delta R.T. 0.00 min

Lab File: VW011743.D

Acq: 07 Aug 2019 11:47

Instrument :

MSVOA_W

ClientSampleId :

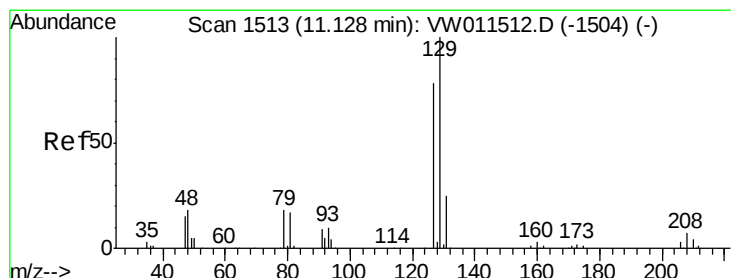
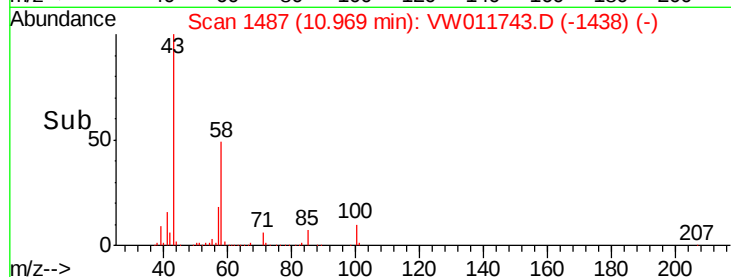
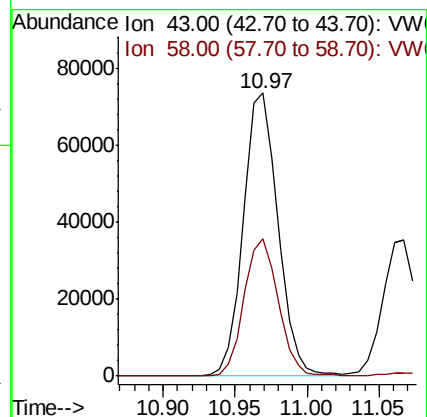
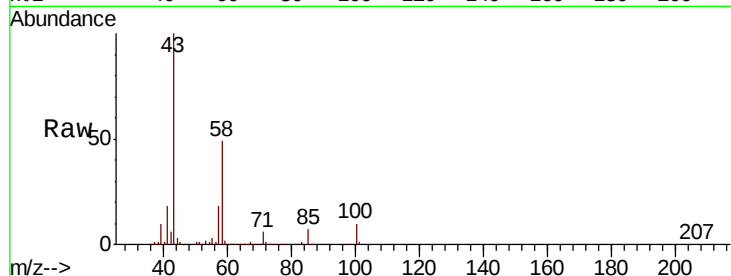
VW0808SBS01

Tgt Ion: 43 Resp: 123457

Ion Ratio Lower Upper

43 100

58 48.0 24.3 72.9



#60

Dibromochloromethane

Concen: 18.070 ug/l

RT: 11.13 min Scan# 1513

Delta R.T. 0.00 min

Lab File: VW011743.D

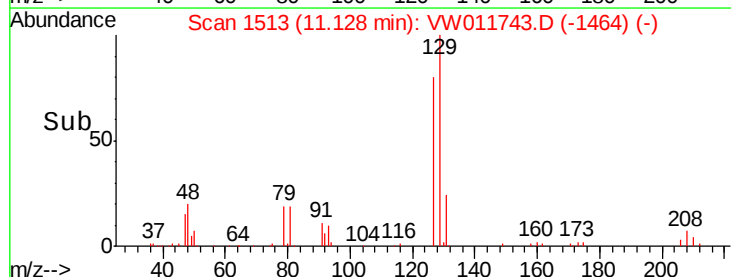
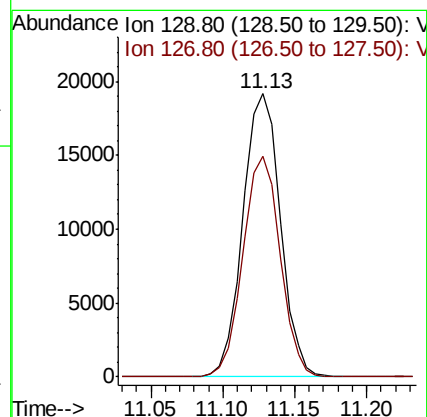
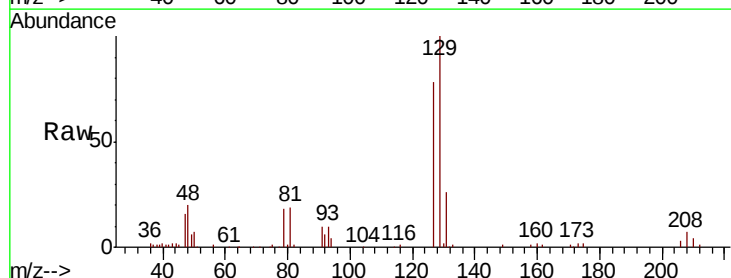
Acq: 07 Aug 2019 11:47

Tgt Ion: 129 Resp: 34596

Ion Ratio Lower Upper

129 100

127 77.4 38.9 116.7

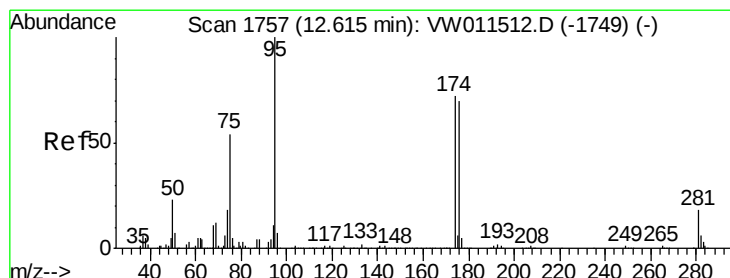
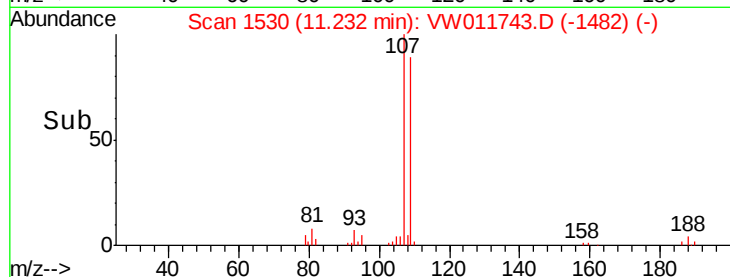
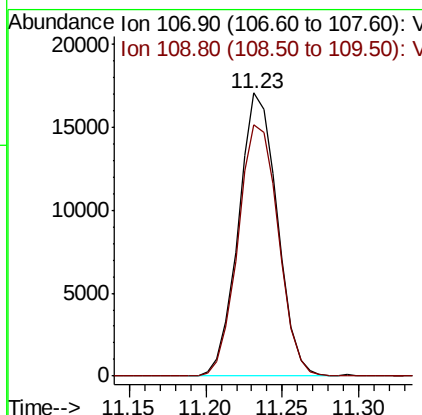
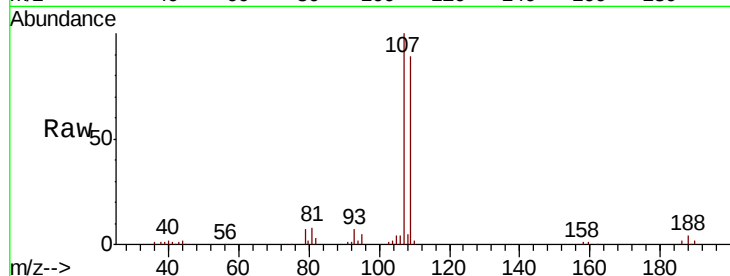




#61
 1,2-Dibromoethane
 Concen: 18.393 ug/l
 RT: 11.23 min Scan# 1530
 Delta R.T. -0.01 min
 Lab File: VW011743.D
 Acq: 07 Aug 2019 11:47

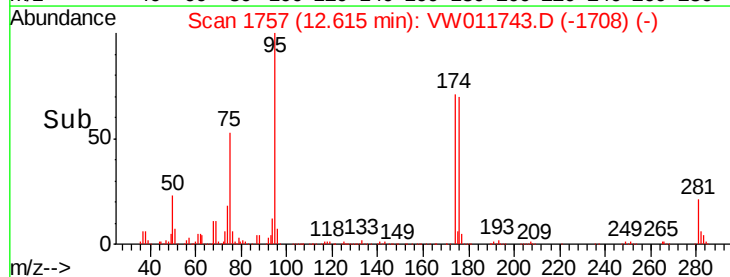
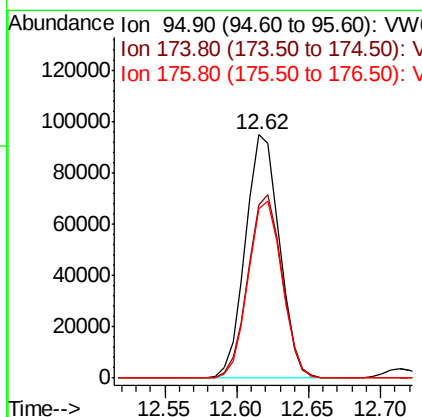
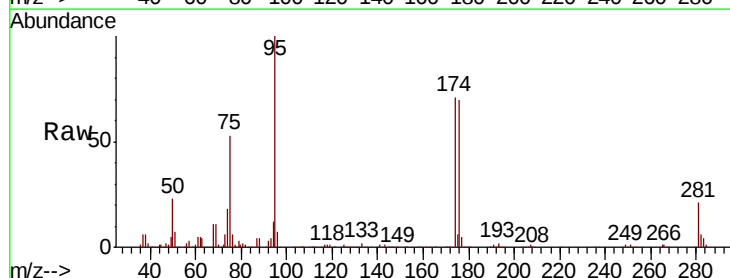
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0808SBS01

Tgt Ion: 107 Resp: 30022
 Ion Ratio Lower Upper
 107 100
 109 92.3 75.0 112.6



#62
 4-Bromofluorobenzene
 Concen: 55.335 ug/l
 RT: 12.62 min Scan# 1757
 Delta R.T. 0.00 min
 Lab File: VW011743.D
 Acq: 07 Aug 2019 11:47

Tgt Ion: 95 Resp: 154868
 Ion Ratio Lower Upper
 95 100
 174 75.3 0.0 150.2
 176 72.6 0.0 144.4

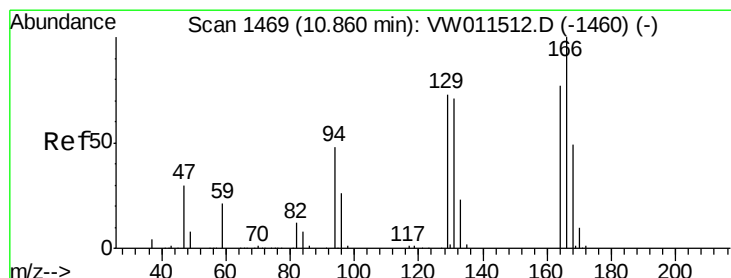
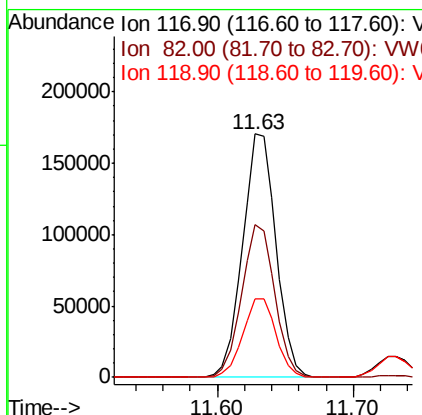
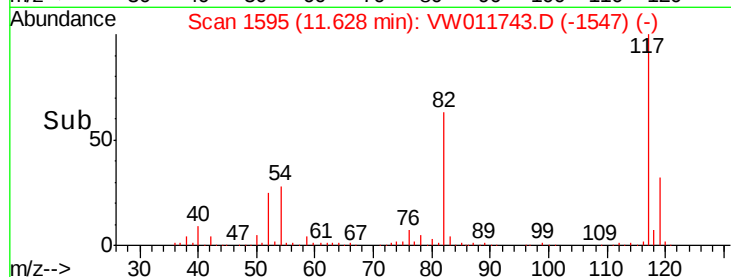
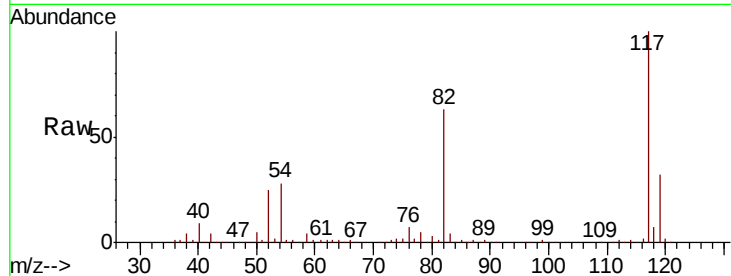




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1595
Delta R.T. -0.01 min
Lab File: VW011743.D
Acq: 07 Aug 2019 11:47

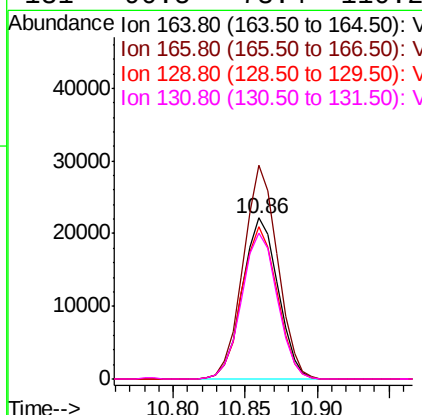
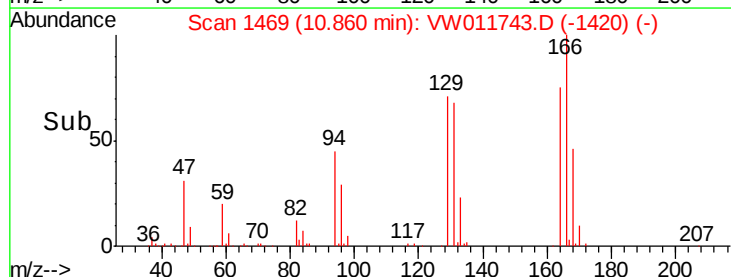
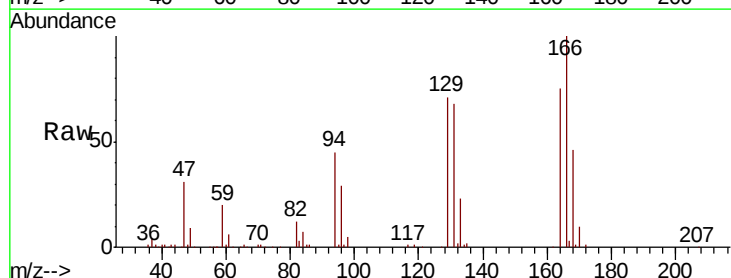
Instrument :
MSVOA_W
ClientSampleId :
VW0808SBS01

Tgt Ion:117 Resp: 292496
Ion Ratio Lower Upper
117 100
82 62.8 47.9 71.9
119 32.1 26.2 39.2



#64
Tetrachloroethene
Concen: 19.938 ug/l
RT: 10.86 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VW011743.D
Acq: 07 Aug 2019 11:47

Tgt Ion:164 Resp: 37972
Ion Ratio Lower Upper
164 100
166 132.7 103.5 155.3
129 94.4 75.2 112.8
131 90.5 73.4 110.2

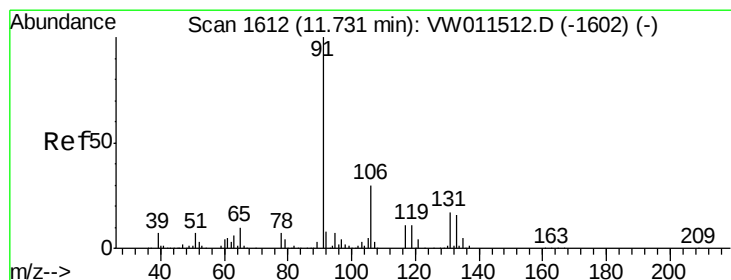
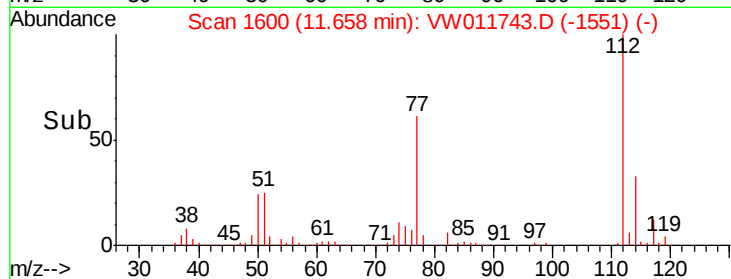
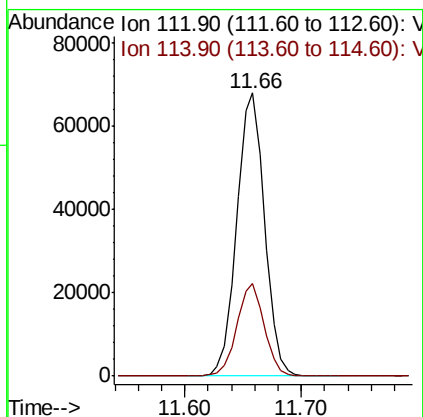
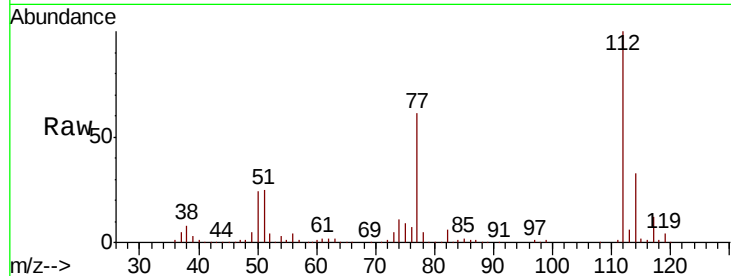




#65
Chlorobenzene
Concen: 19.212 ug/l
RT: 11.66 min Scan# 1600
Delta R.T. 0.00 min
Lab File: VW011743.D
Acq: 07 Aug 2019 11:47

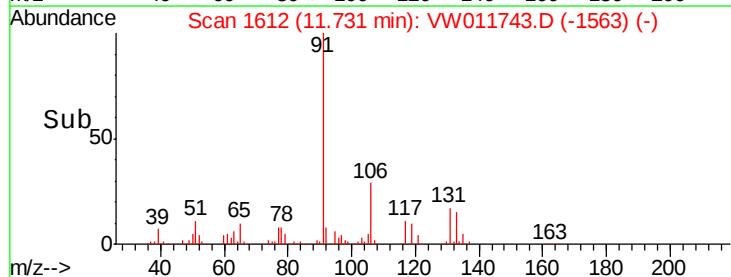
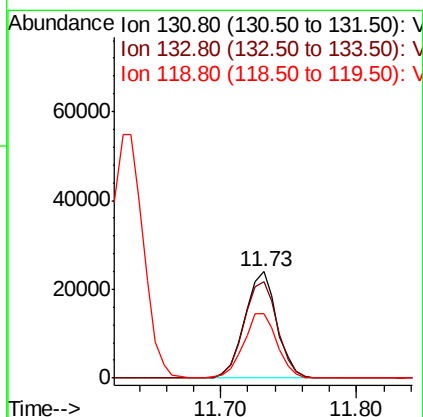
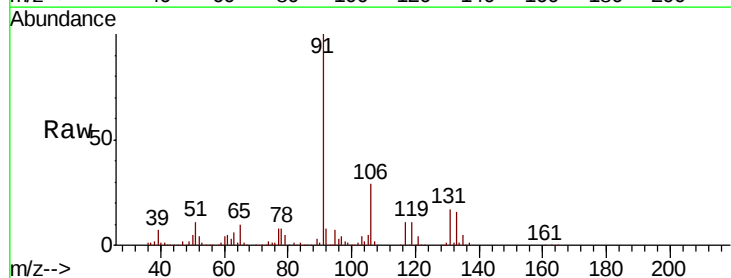
Instrument :
MSVOA_W
ClientSampleId :
VW0808SBS01

Tgt Ion:112 Resp: 112978
Ion Ratio Lower Upper
112 100
114 32.7 25.6 38.4



#66
1,1,1,2-Tetrachloroethane
Concen: 19.343 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. 0.00 min
Lab File: VW011743.D
Acq: 07 Aug 2019 11:47

Tgt Ion:131 Resp: 39620
Ion Ratio Lower Upper
131 100
133 95.0 47.4 142.2
119 63.2 32.3 96.9

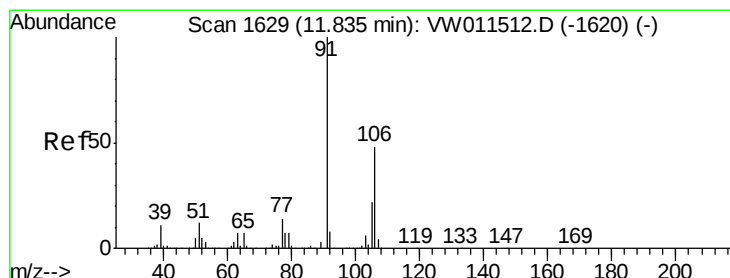
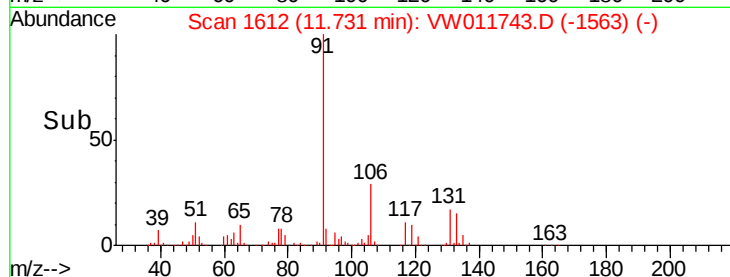
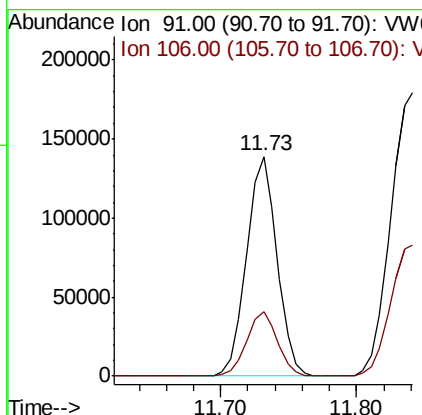
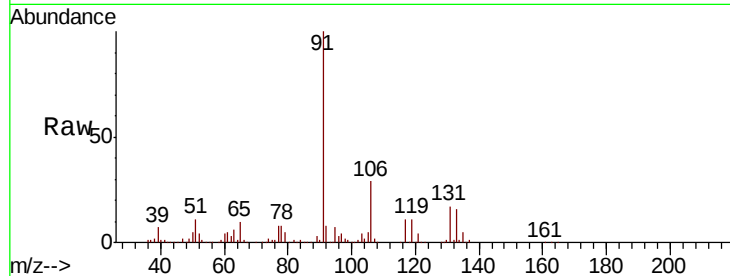




#67
Ethyl Benzene
Concen: 19.470 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. 0.00 min
Lab File: VW011743.D
Acq: 07 Aug 2019 11:47

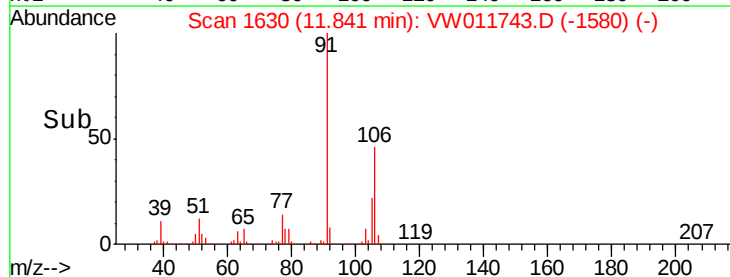
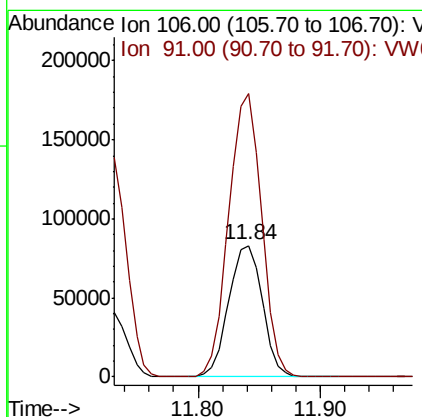
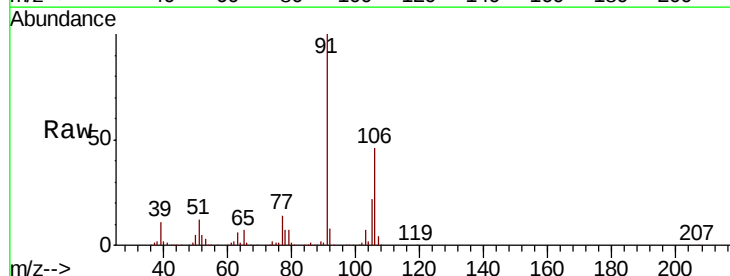
Instrument :
MSVOA_W
ClientSampleId :
VW0808SBS01

Tgt Ion: 91 Resp: 218062
Ion Ratio Lower Upper
91 100
106 29.2 23.8 35.6



#68
m/p-Xylenes
Concen: 38.904 ug/l
RT: 11.84 min Scan# 1630
Delta R.T. 0.01 min
Lab File: VW011743.D
Acq: 07 Aug 2019 11:47

Tgt Ion: 106 Resp: 158458
Ion Ratio Lower Upper
106 100
91 210.7 168.2 252.2

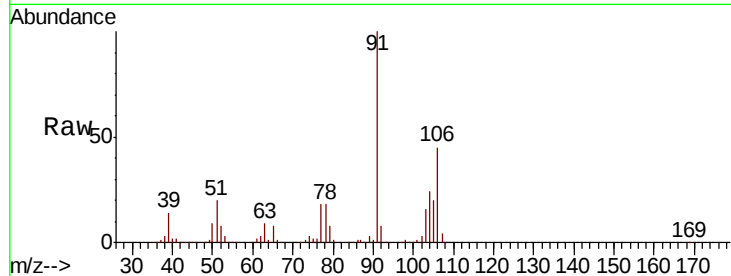




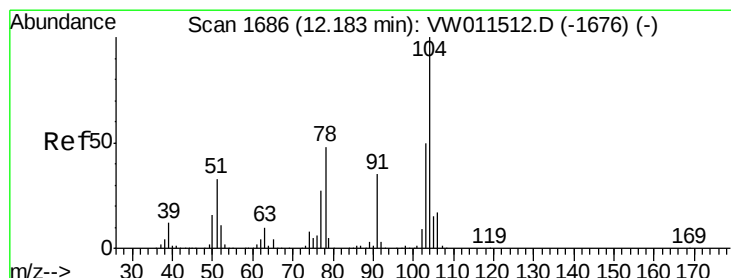
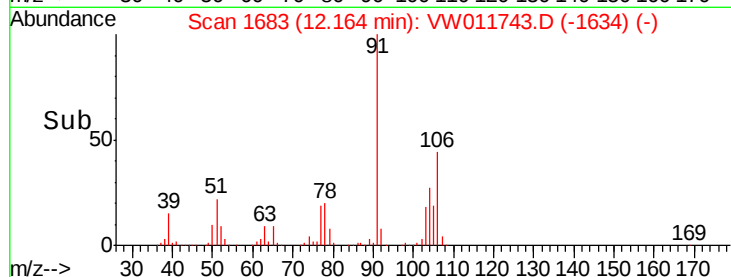
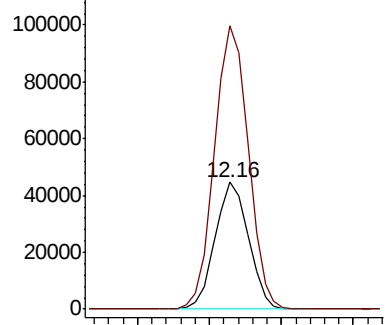
#69
o-Xylene
Concen: 18.925 ug/l
RT: 12.16 min Scan# 1683
Delta R.T. 0.00 min
Lab File: VW011743.D
Acq: 07 Aug 2019 11:47

Instrument :
MSVOA_W
ClientSampled :
VW0808SBS01

Tgt Ion:106 Resp: 71630
Ion Ratio Lower Upper
106 100
91 226.2 110.5 331.5

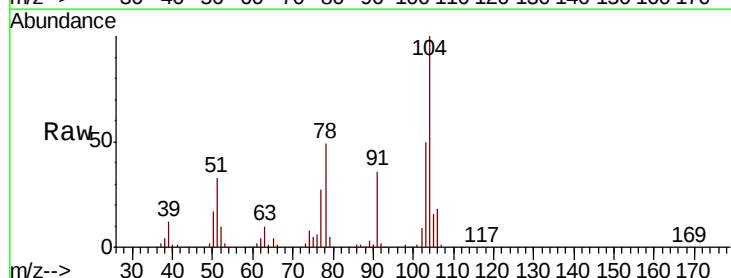


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VW

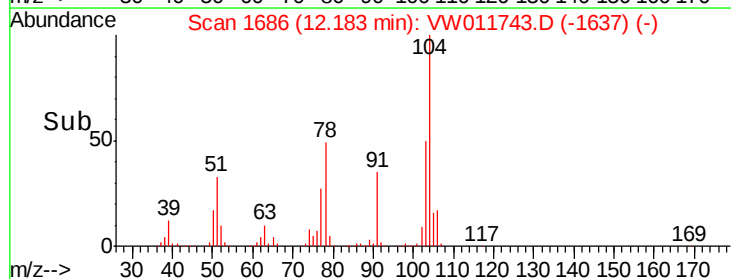
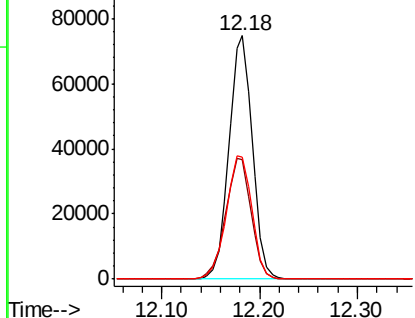


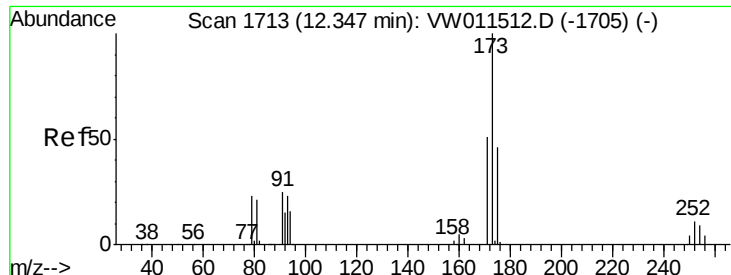
#70
Styrene
Concen: 18.941 ug/l
RT: 12.18 min Scan# 1686
Delta R.T. 0.00 min
Lab File: VW011743.D
Acq: 07 Aug 2019 11:47

Tgt Ion:104 Resp: 123949
Ion Ratio Lower Upper
104 100
78 53.9 43.4 65.0
103 55.3 43.9 65.9



Abundance Ion 104.00 (103.70 to 104.70): V
Ion 78.00 (77.70 to 78.70): VW
Ion 103.00 (102.70 to 103.70): V





#71

Bromoform

Concen: 18.546 ug/l

RT: 12.35 min Scan# 1713

Delta R.T. 0.00 min

Lab File: VW011743.D

Acq: 07 Aug 2019 11:47

Instrument :

MSVOA_W

ClientSampleId :

VW0808SBS01

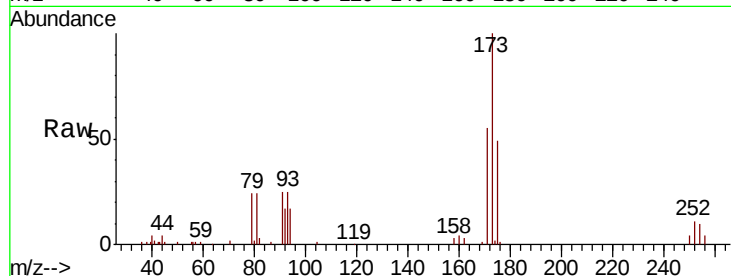
Tgt Ion:173 Resp: 19369

Ion Ratio Lower Upper

173 100

175 49.1 23.6 71.0

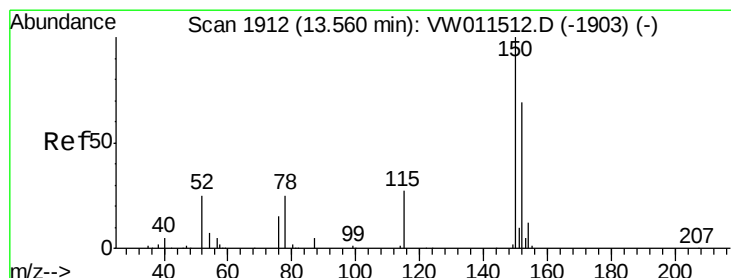
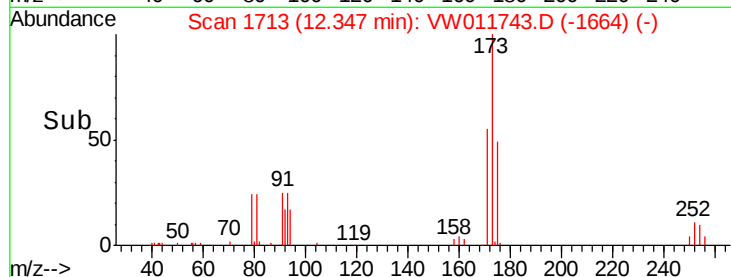
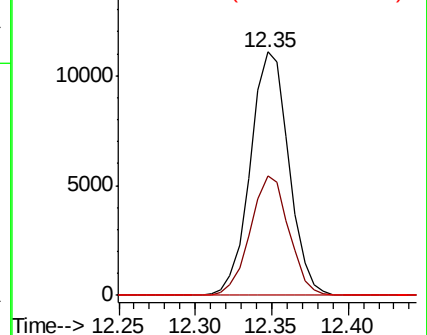
254 0.0 0.1 0.1#



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.56 min Scan# 1912

Delta R.T. 0.00 min

Lab File: VW011743.D

Acq: 07 Aug 2019 11:47

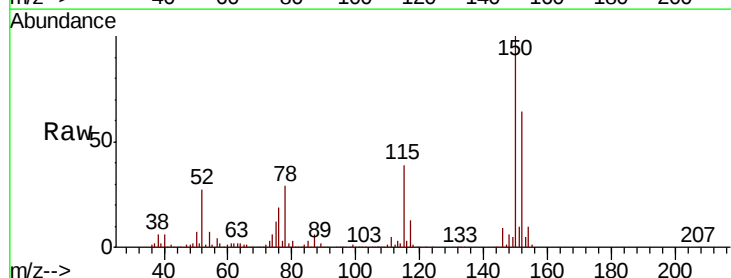
Tgt Ion:152 Resp: 144122

Ion Ratio Lower Upper

152 100

115 61.4 30.5 91.5

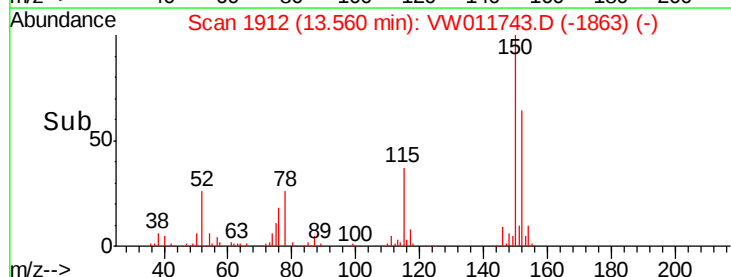
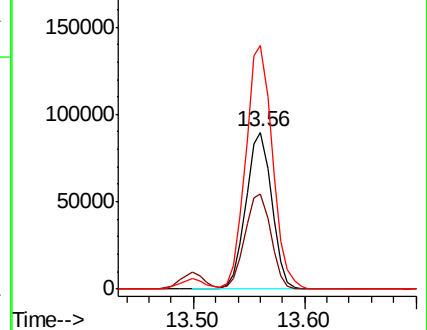
150 161.3 0.0 352.6

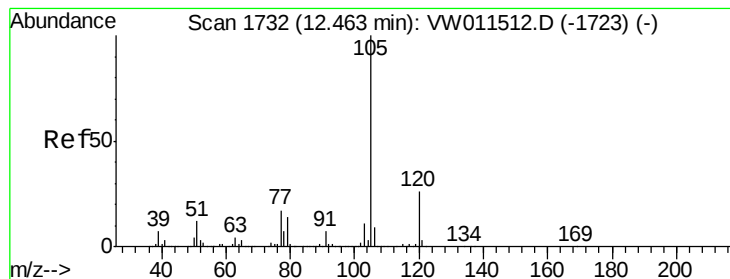


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 19.119 ug/l

RT: 12.46 min Scan# 1732

Delta R.T. 0.00 min

Lab File: VW011743.D

Acq: 07 Aug 2019 11:47

Instrument :

MSVOA_W

ClientSampleId :

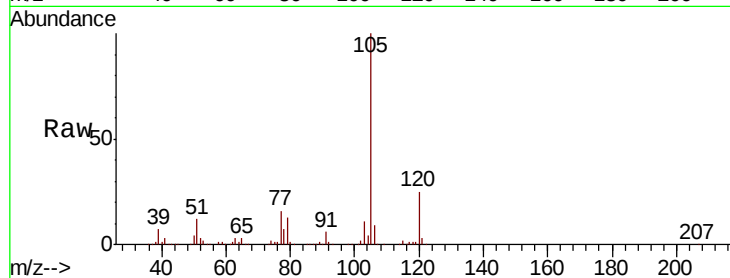
VW0808SBS01

Tgt Ion:105 Resp: 205568

Ion Ratio Lower Upper

105 100

120 25.7 12.9 38.7



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

12.46

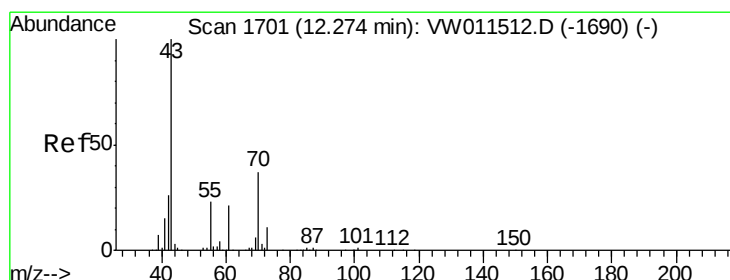
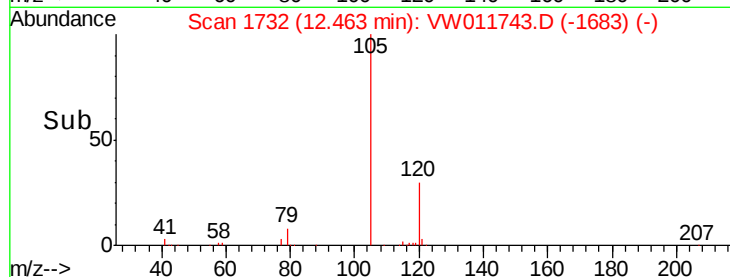
150000

100000

50000

0

Time-->



#74

N-ethyl acetate

Concen: 18.084 ug/l

RT: 12.27 min Scan# 1701

Delta R.T. 0.00 min

Lab File: VW011743.D

Acq: 07 Aug 2019 11:47

Tgt Ion: 43 Resp: 60872

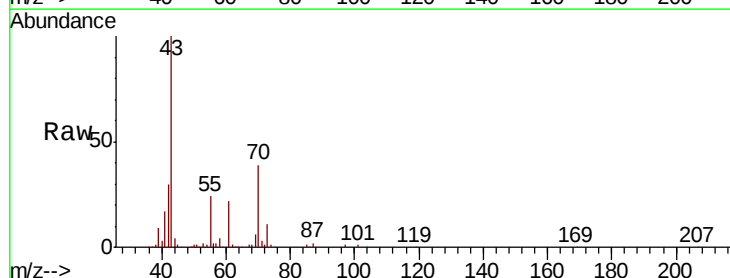
Ion Ratio Lower Upper

43 100

70 35.7 28.6 43.0

55 23.4 17.8 26.8

61 21.5 17.0 25.6



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 70.00 (69.70 to 70.70): VW

Ion 55.00 (54.70 to 55.70): VW

Ion 61.00 (60.70 to 61.70): VW

60000

50000

40000

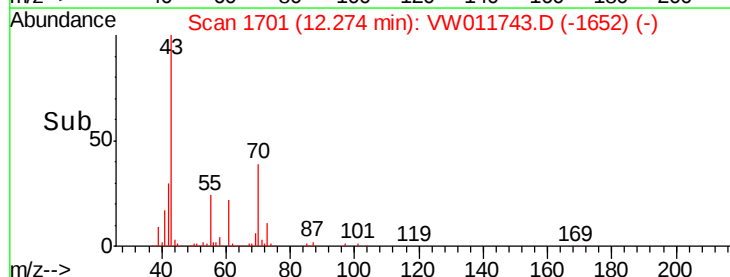
30000

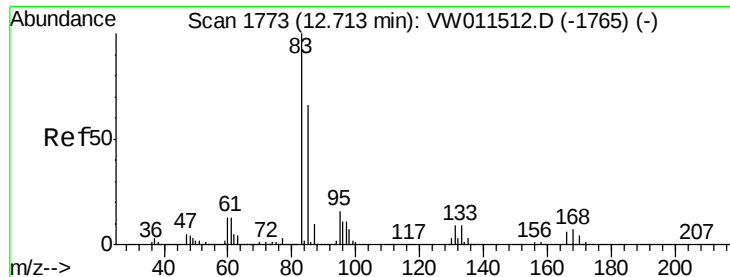
20000

10000

0

Time-->





#75

1,1,2,2-Tetrachloroethane

Concen: 19.134 ug/l

RT: 12.71 min Scan# 1773

Delta R.T. 0.00 min

Lab File: VW011743.D

Acq: 07 Aug 2019 11:47

Instrument :

MSVOA_W

ClientSampleId :

VW0808SBS01

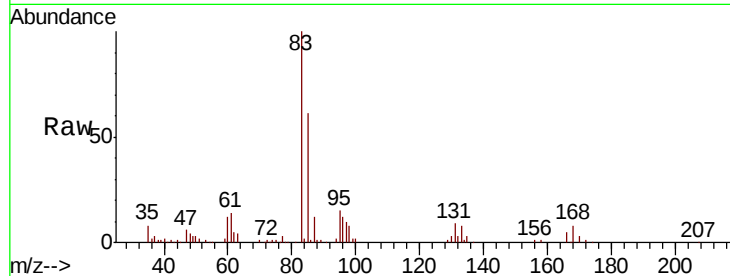
Tgt Ion: 83 Resp: 38697

Ion Ratio Lower Upper

83 100

131 10.1 4.9 14.6

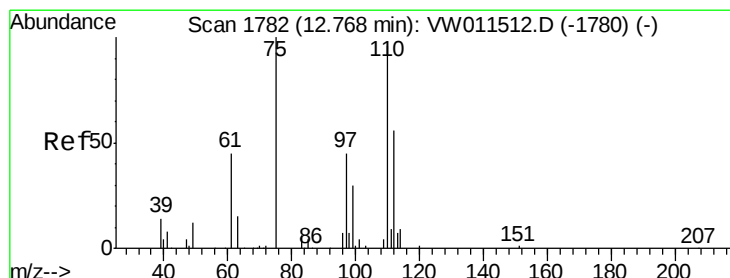
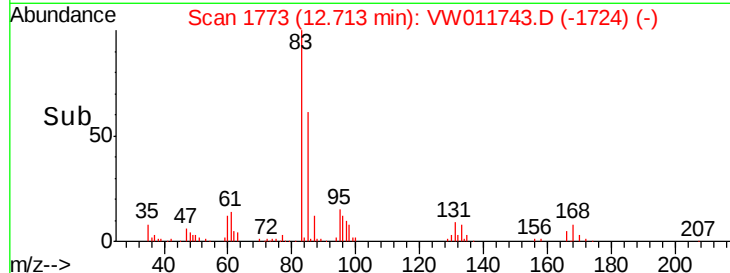
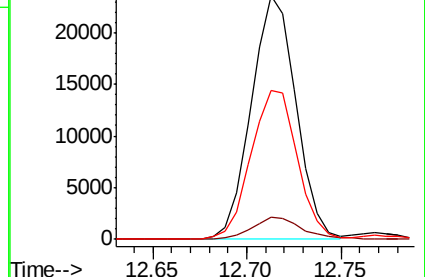
85 63.6 31.8 95.4



Abundance Ion 82.90 (82.60 to 83.60): VW

Ion 130.80 (130.50 to 131.50): VW

Ion 84.90 (84.60 to 85.60): VW



#76

1,2,3-Trichloropropane

Concen: 33.437 ug/l

RT: 12.77 min Scan# 1782

Delta R.T. 0.00 min

Lab File: VW011743.D

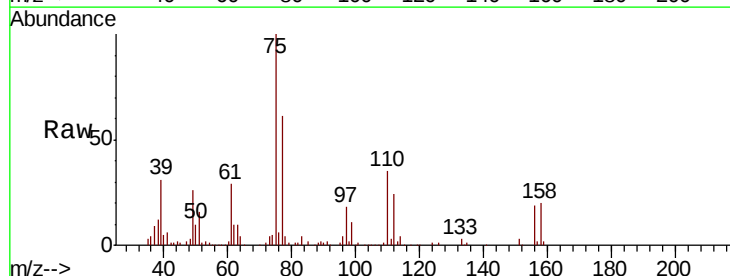
Acq: 07 Aug 2019 11:47

Tgt Ion: 75 Resp: 50991

Ion Ratio Lower Upper

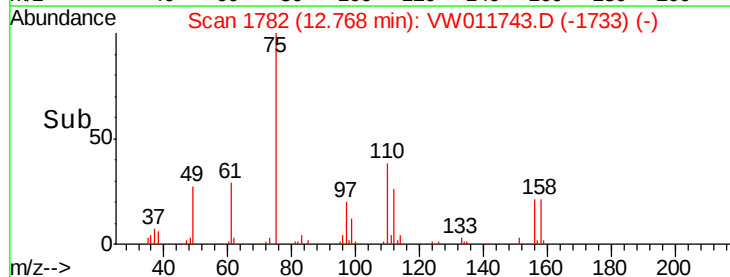
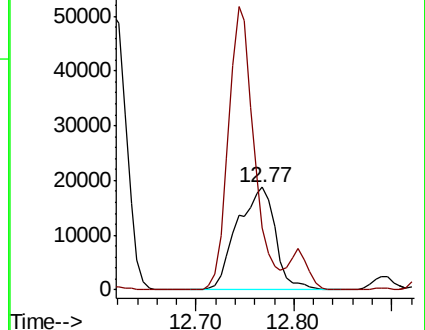
75 100

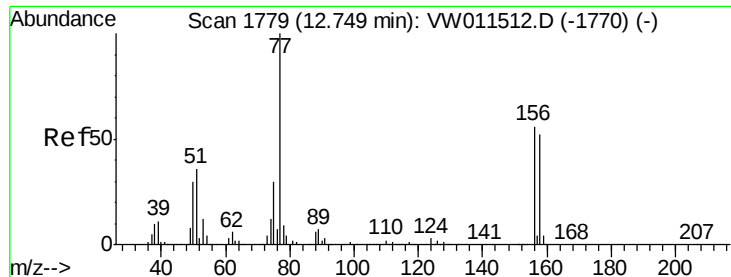
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 77.00 (76.70 to 77.70): VW

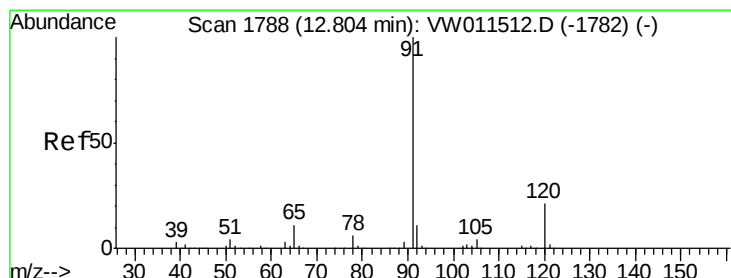
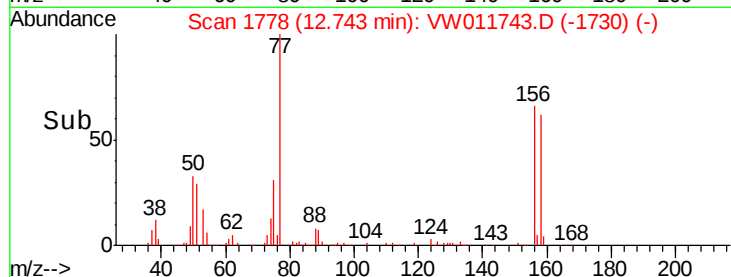
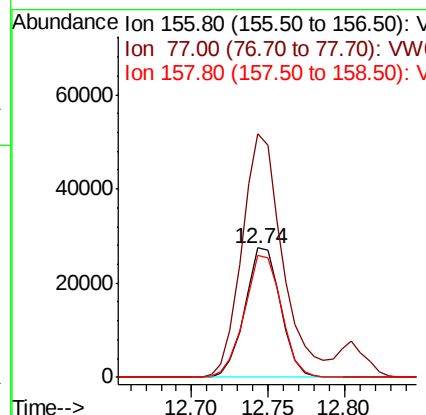
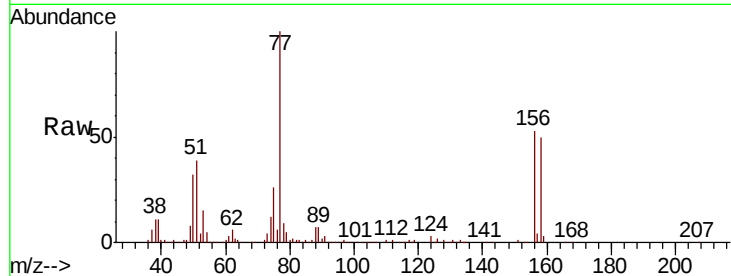




#77
Bromobenzene
Concen: 18.783 ug/l
RT: 12.74 min Scan# 1778
Delta R.T. -0.01 min
Lab File: VW011743.D
Acq: 07 Aug 2019 11:47

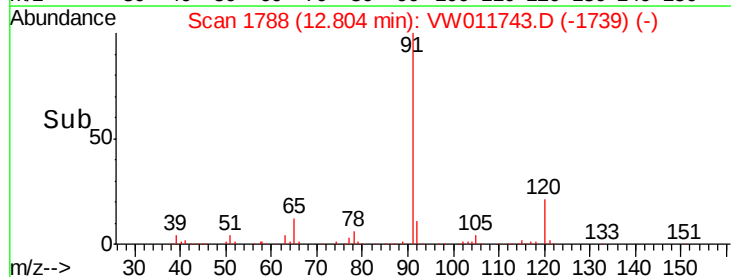
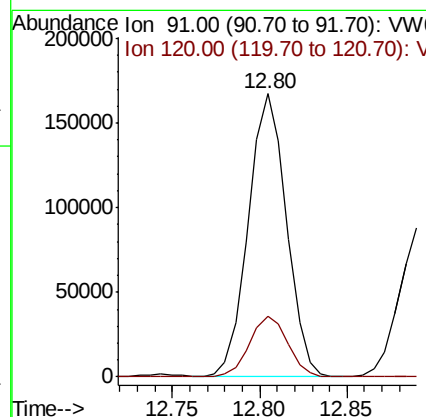
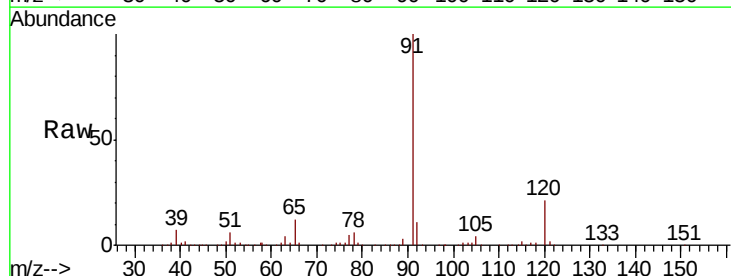
Instrument :
MSVOA_W
ClientSampleId :
VW0808SBS01

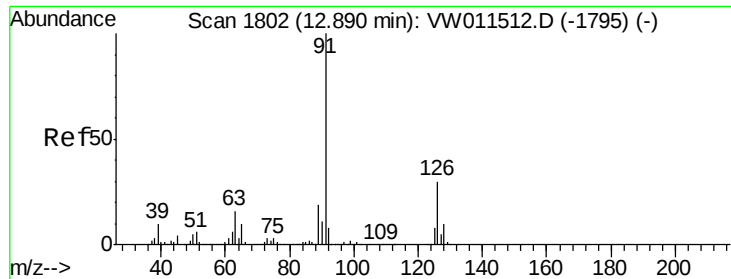
Tgt Ion:156 Resp: 44637
Ion Ratio Lower Upper
156 100
77 212.2 106.5 319.4
158 97.5 48.0 144.2



#78
n-propylbenzene
Concen: 19.327 ug/l
RT: 12.80 min Scan# 1788
Delta R.T. 0.00 min
Lab File: VW011743.D
Acq: 07 Aug 2019 11:47

Tgt Ion: 91 Resp: 252890
Ion Ratio Lower Upper
91 100
120 21.5 10.9 32.7





#79

2-Chlorotoluene

Concen: 18.819 ug/l

RT: 12.89 min Scan# 1802

Delta R.T. 0.00 min

Lab File: VW011743.D

Acq: 07 Aug 2019 11:47

Instrument :

MSVOA_W

ClientSampleId :

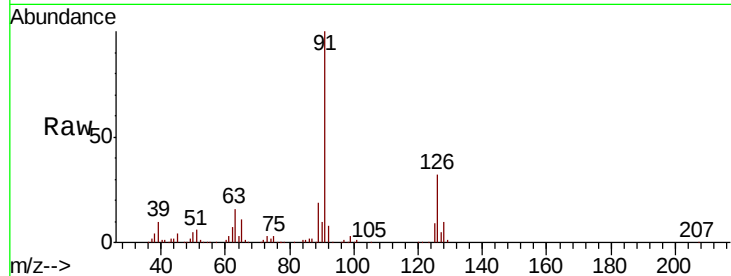
VW0808SBS01

Tgt Ion: 91 Resp: 141861

Ion Ratio Lower Upper

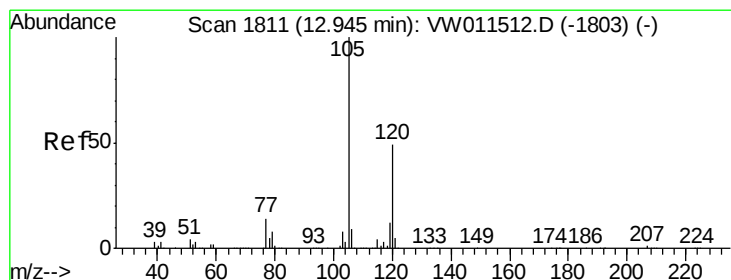
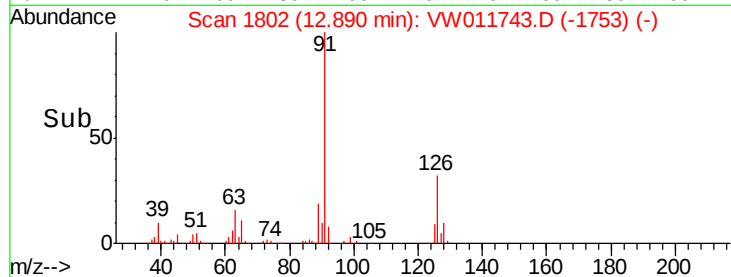
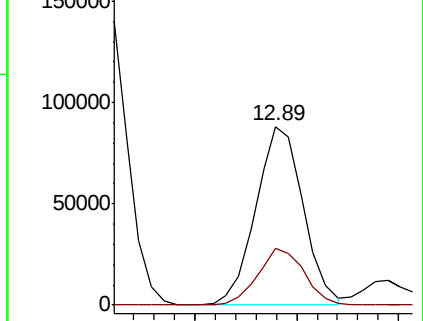
91 100

126 31.4 15.7 47.1



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: 19.297 ug/l

RT: 12.94 min Scan# 1811

Delta R.T. 0.00 min

Lab File: VW011743.D

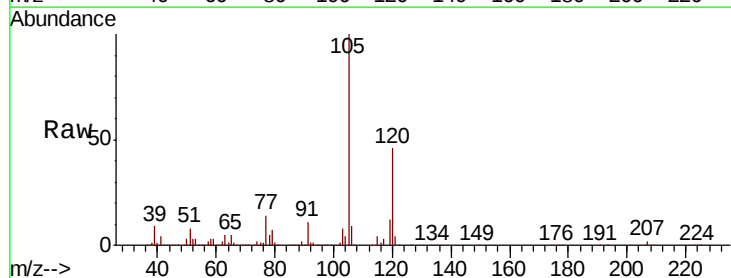
Acq: 07 Aug 2019 11:47

Tgt Ion: 105 Resp: 173922

Ion Ratio Lower Upper

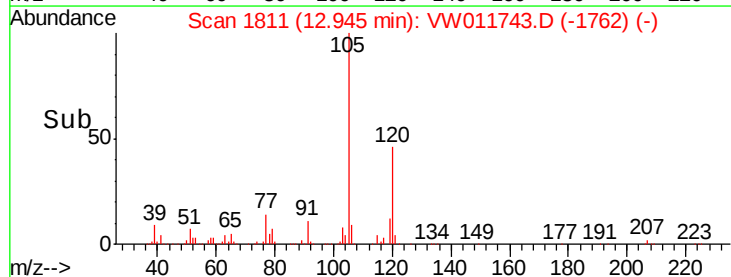
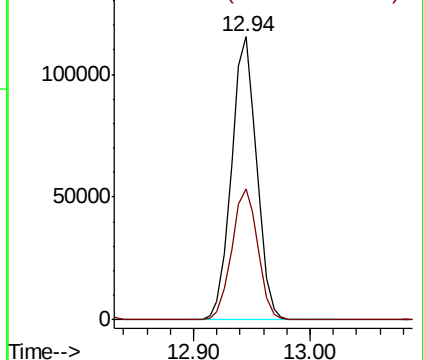
105 100

120 47.7 24.1 72.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

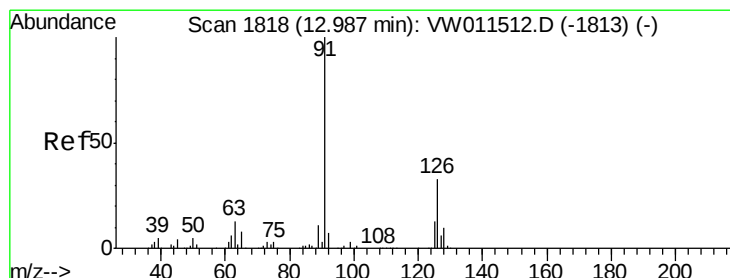
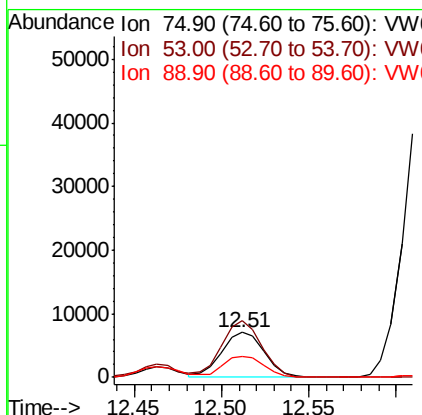
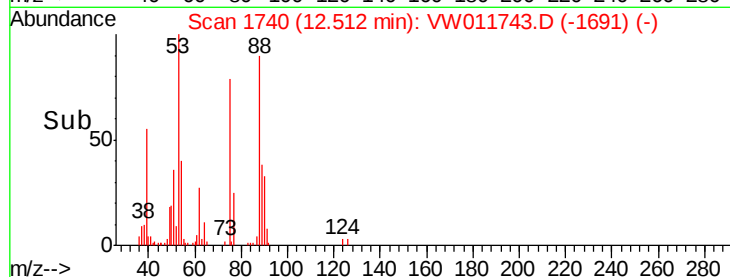
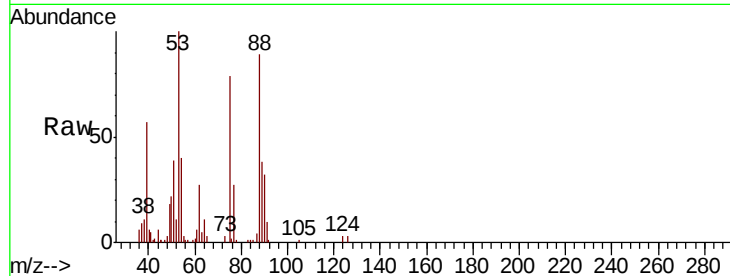




#81
 trans-1,4-Dichloro-2-butene
 Concen: 18.244 ug/l
 RT: 12.51 min Scan# 1740
 Delta R.T. 0.00 min
 Lab File: VW011743.D
 Acq: 07 Aug 2019 11:47

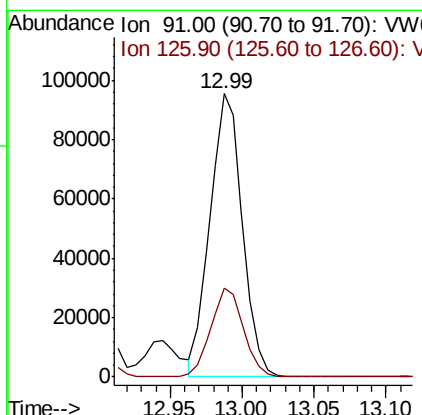
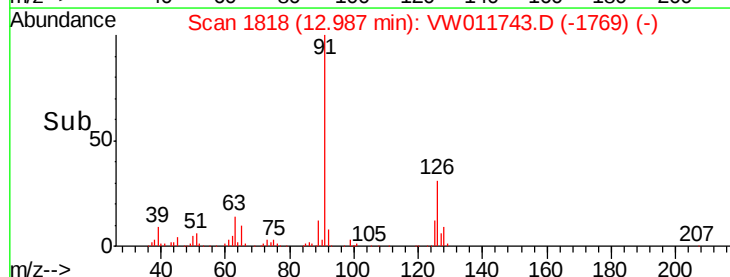
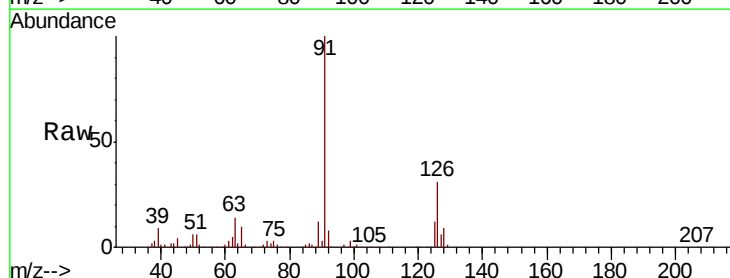
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0808SBS01

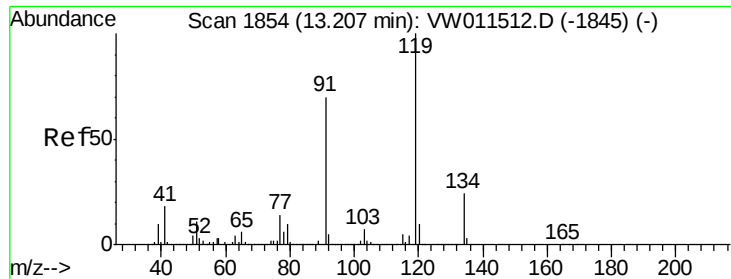
Tgt Ion: 75 Resp: 12072
 Ion Ratio Lower Upper
 75 100
 53 119.2 88.0 132.0
 89 45.1 35.3 52.9



#82
 4-Chlorotoluene
 Concen: 18.863 ug/l
 RT: 12.99 min Scan# 1818
 Delta R.T. 0.00 min
 Lab File: VW011743.D
 Acq: 07 Aug 2019 11:47

Tgt Ion: 91 Resp: 149193
 Ion Ratio Lower Upper
 91 100
 126 31.9 15.6 46.8

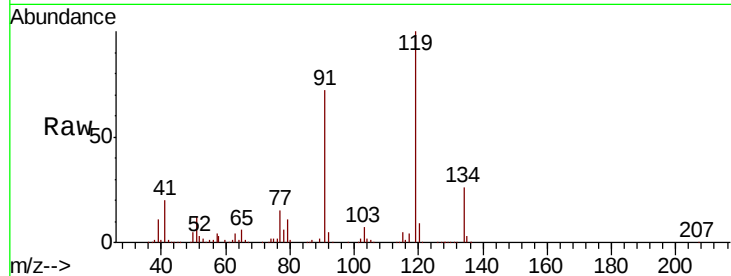




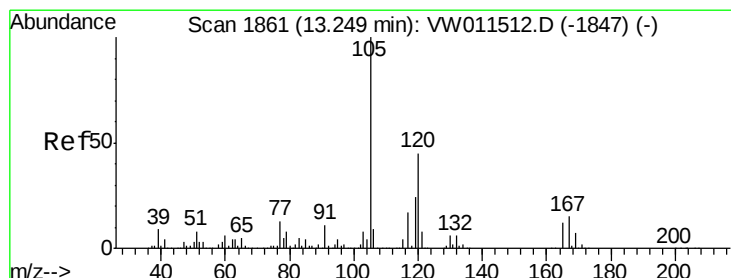
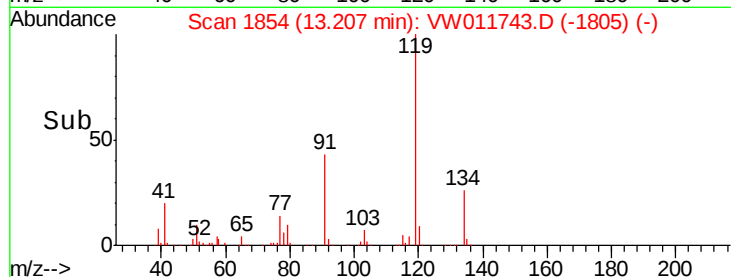
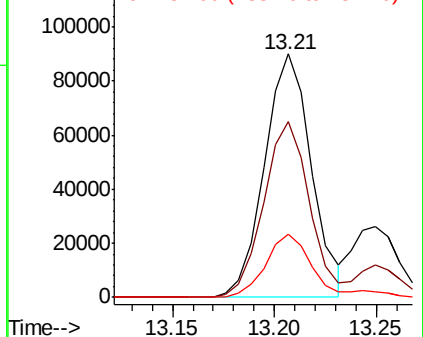
#83
 tert-Butylbenzene
 Concen: 19.127 ug/l
 RT: 13.21 min Scan# 1854
 Delta R.T. 0.00 min
 Lab File: VW011743.D
 Acq: 07 Aug 2019 11:47

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0808SBS01

Tgt Ion:119 Resp: 144161
 Ion Ratio Lower Upper
 119 100
 91 70.2 34.5 103.6
 134 26.9 12.4 37.4

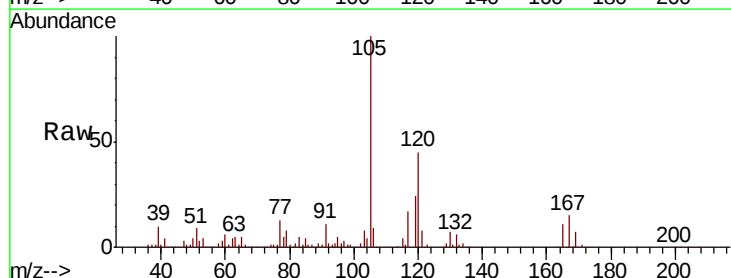


Abundance Ion 119.00 (118.70 to 119.70): V
 Ion 91.00 (90.70 to 91.70): V
 Ion 134.00 (133.70 to 134.70): V

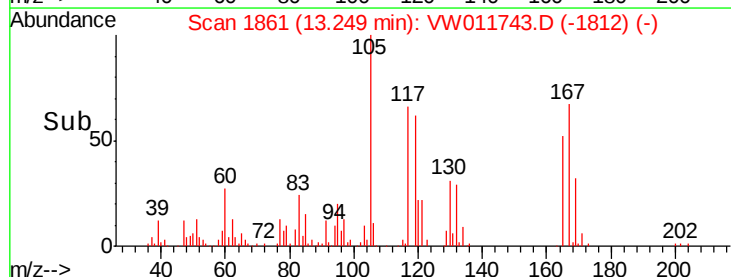
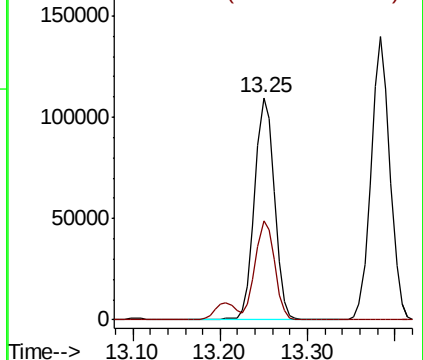


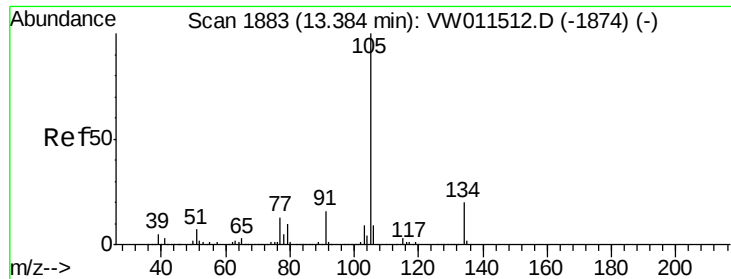
#84
 1,2,4-Trimethylbenzene
 Concen: 19.045 ug/l
 RT: 13.25 min Scan# 1861
 Delta R.T. 0.00 min
 Lab File: VW011743.D
 Acq: 07 Aug 2019 11:47

Tgt Ion:105 Resp: 172911
 Ion Ratio Lower Upper
 105 100
 120 43.5 22.1 66.5



Abundance Ion 105.00 (104.70 to 105.70): V
 Ion 120.00 (119.70 to 120.70): V

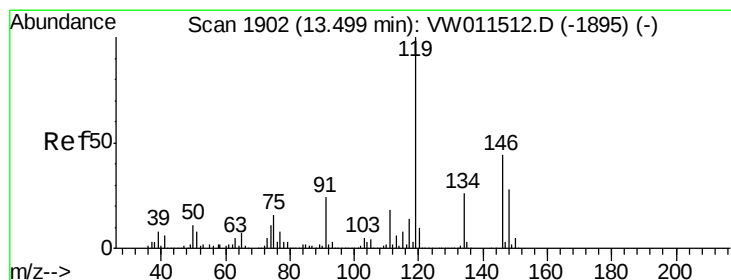
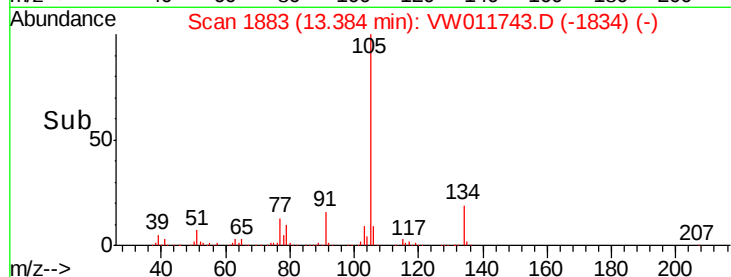
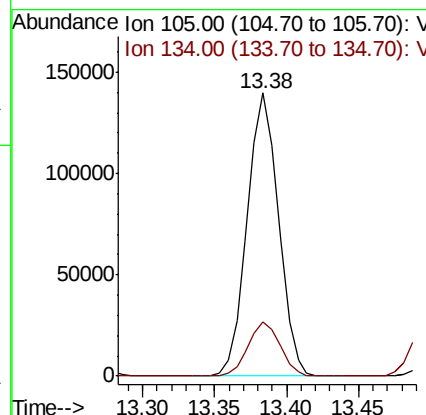
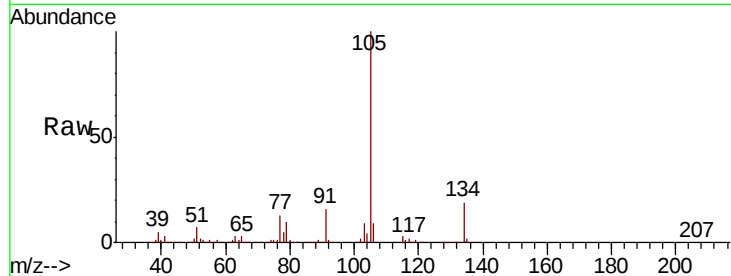




#85
 sec-Butylbenzene
 Concen: 19.602 ug/l
 RT: 13.38 min Scan# 1883
 Delta R.T. 0.00 min
 Lab File: VW011743.D
 Acq: 07 Aug 2019 11:47

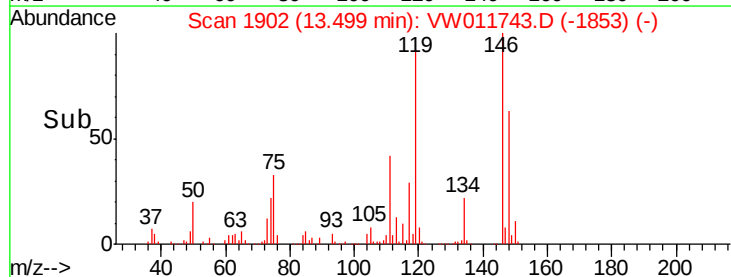
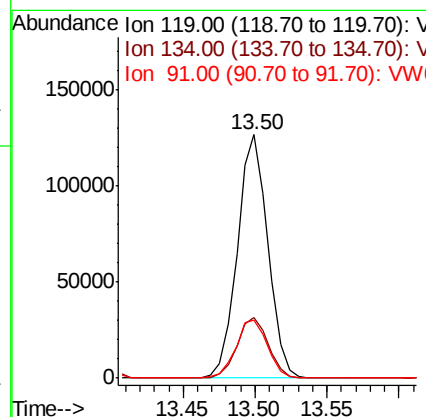
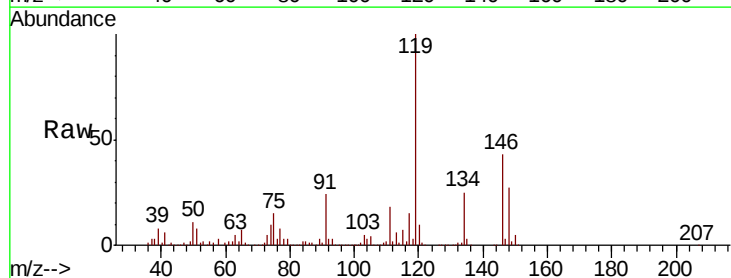
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0808SBS01

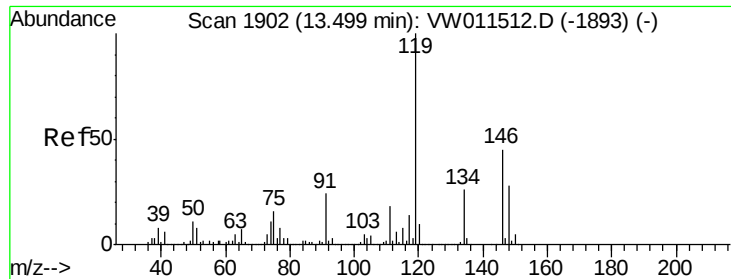
Tgt Ion:105 Resp: 210798
 Ion Ratio Lower Upper
 105 100
 134 19.5 9.7 29.1



#86
 p-Isopropyltoluene
 Concen: 19.080 ug/l
 RT: 13.50 min Scan# 1902
 Delta R.T. 0.00 min
 Lab File: VW011743.D
 Acq: 07 Aug 2019 11:47

Tgt Ion:119 Resp: 186171
 Ion Ratio Lower Upper
 119 100
 134 25.5 12.8 38.4
 91 24.9 12.1 36.3

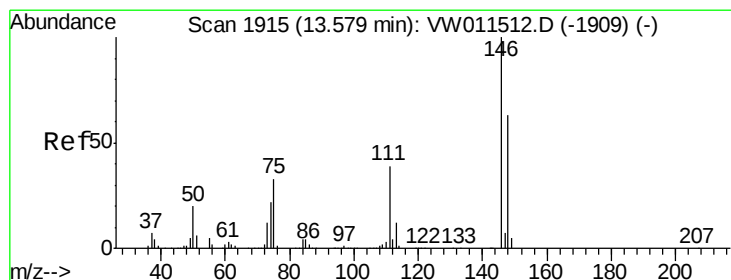
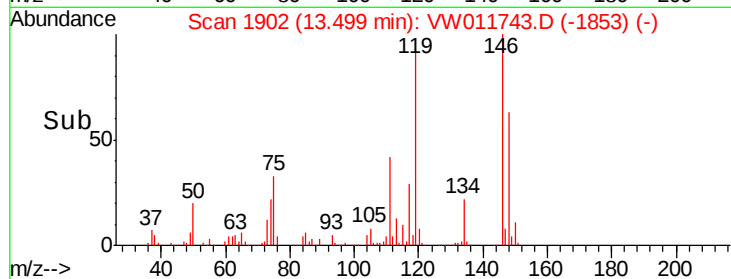
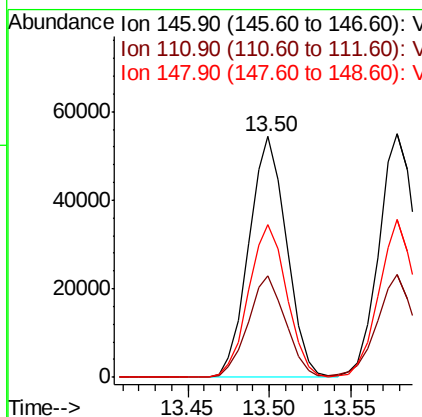
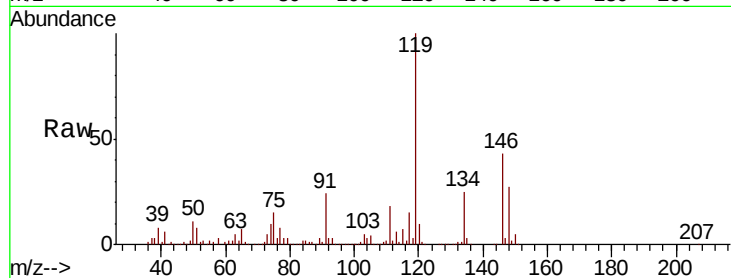




#87
 1,3-Dichlorobenzene
 Concen: 18.761 ug/l
 RT: 13.50 min Scan# 1902
 Delta R.T. 0.00 min
 Lab File: VW011743.D
 Acq: 07 Aug 2019 11:47

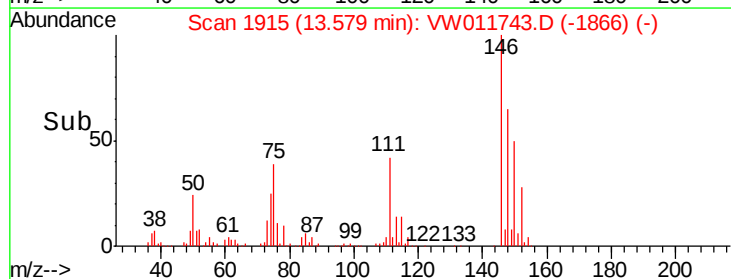
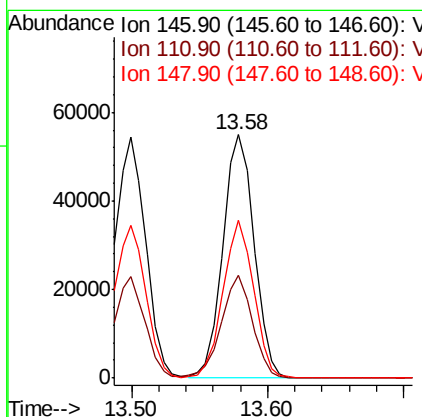
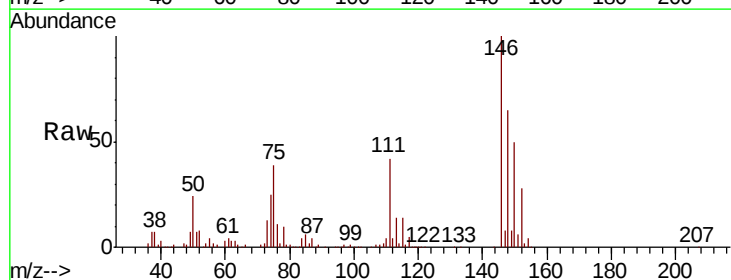
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0808SBS01

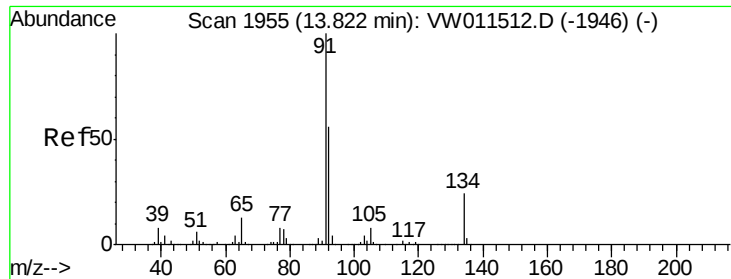
Tgt Ion:146 Resp: 87420
 Ion Ratio Lower Upper
 146 100
 111 42.0 20.5 61.6
 148 64.0 31.8 95.3



#88
 1,4-Dichlorobenzene
 Concen: 18.883 ug/l
 RT: 13.58 min Scan# 1915
 Delta R.T. 0.00 min
 Lab File: VW011743.D
 Acq: 07 Aug 2019 11:47

Tgt Ion:146 Resp: 87531
 Ion Ratio Lower Upper
 146 100
 111 42.3 20.1 60.2
 148 63.7 31.9 95.9





#89

n-Butylbenzene

Concen: 18.966 ug/l

RT: 13.82 min Scan# 1955

Delta R.T. 0.00 min

Lab File: VW011743.D

Acq: 07 Aug 2019 11:47

Instrument :

MSVOA_W

ClientSampleId :

VW0808SBS01

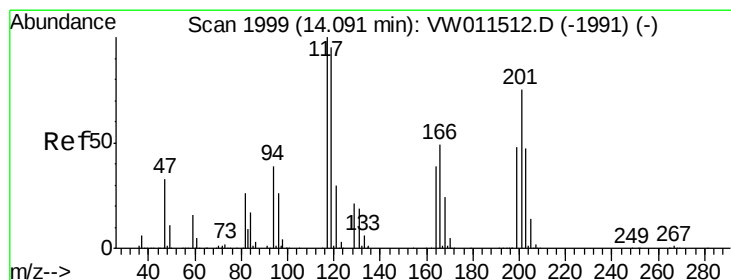
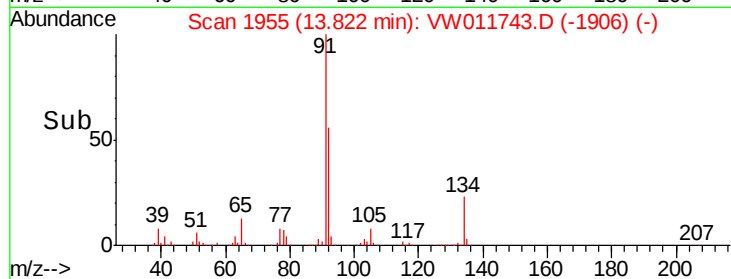
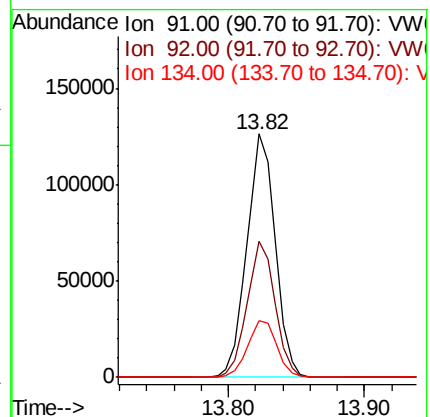
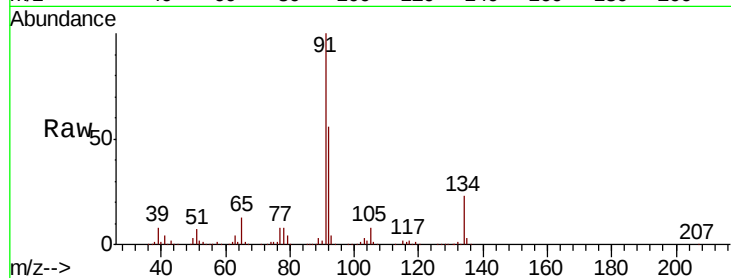
Tgt Ion: 91 Resp: 184674

Ion Ratio Lower Upper

91 100

92 54.7 27.5 82.4

134 24.1 12.2 36.6



#90

Hexachloroethane

Concen: 18.995 ug/l

RT: 14.09 min Scan# 1999

Delta R.T. 0.00 min

Lab File: VW011743.D

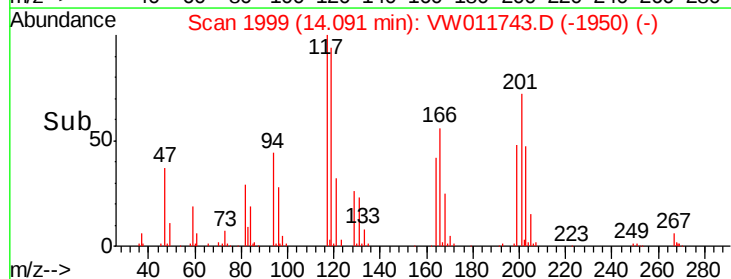
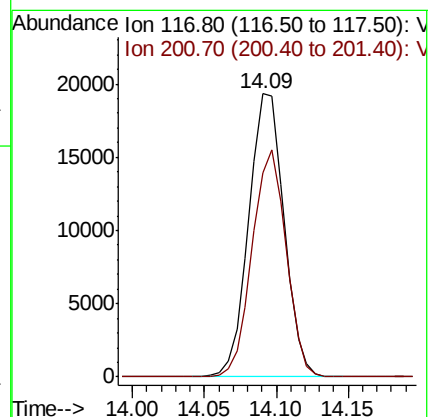
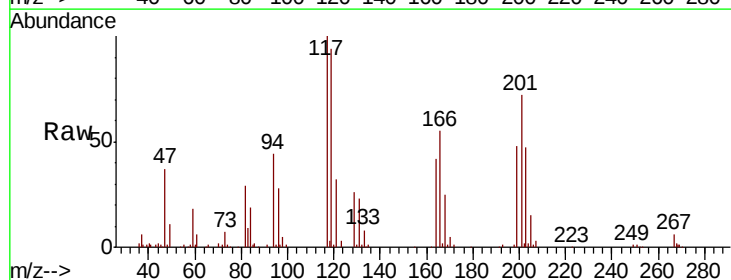
Acq: 07 Aug 2019 11:47

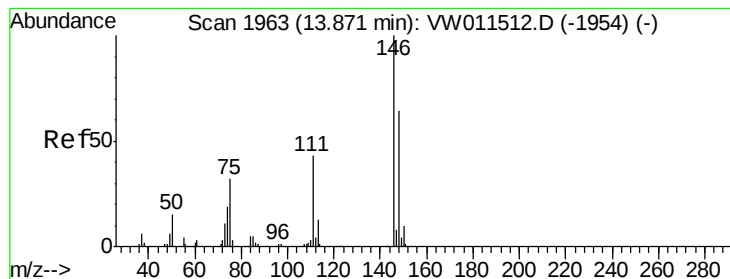
Tgt Ion: 117 Resp: 32774

Ion Ratio Lower Upper

117 100

201 76.9 39.4 118.2





#91

1,2-Dichlorobenzene

Concen: 18.474 ug/l

RT: 13.87 min Scan# 1963

Delta R.T. 0.00 min

Lab File: VW011743.D

Acq: 07 Aug 2019 11:47

Instrument :

MSVOA_W

ClientSampleId :

VW0808SBS01

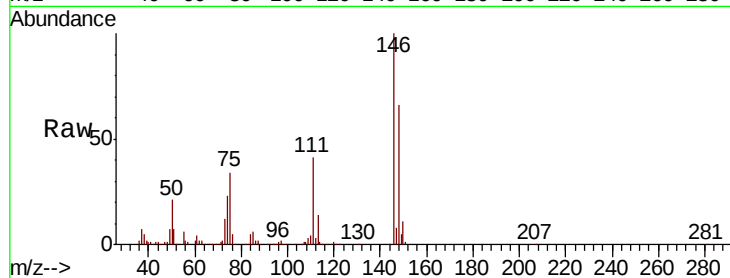
Tgt Ion:146 Resp: 76138

Ion Ratio Lower Upper

146 100

111 43.3 21.6 65.0

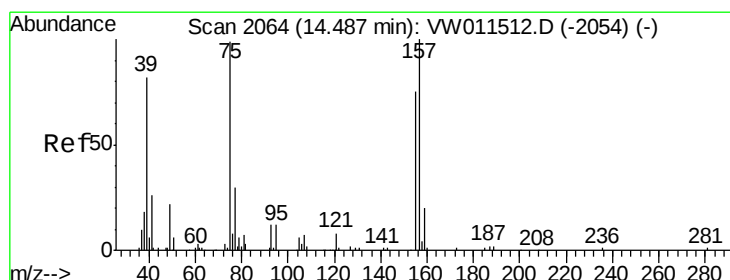
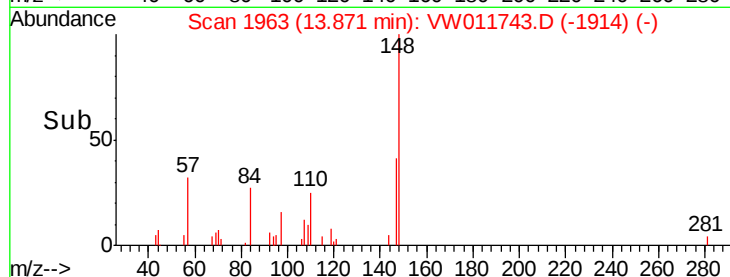
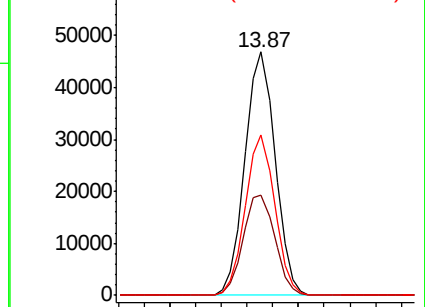
148 64.1 32.0 96.2



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 18.563 ug/l

RT: 14.48 min Scan# 2063

Delta R.T. -0.01 min

Lab File: VW011743.D

Acq: 07 Aug 2019 11:47

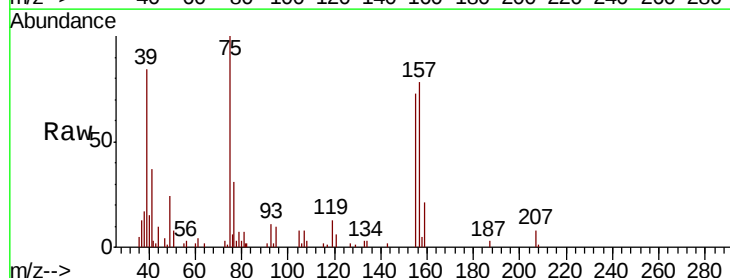
Tgt Ion: 75 Resp: 6402

Ion Ratio Lower Upper

75 100

155 75.7 38.2 114.6

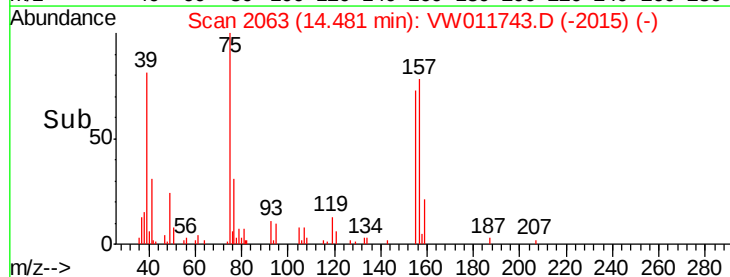
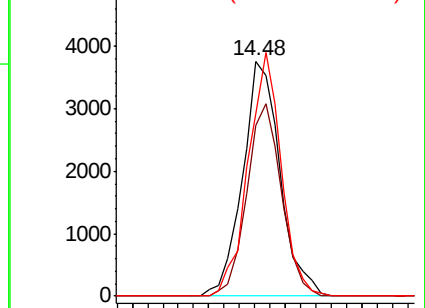
157 91.4 48.9 146.7

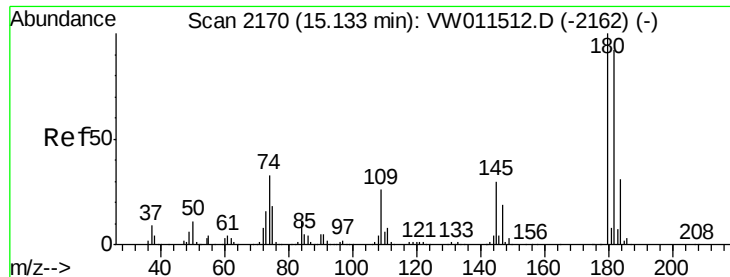


Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

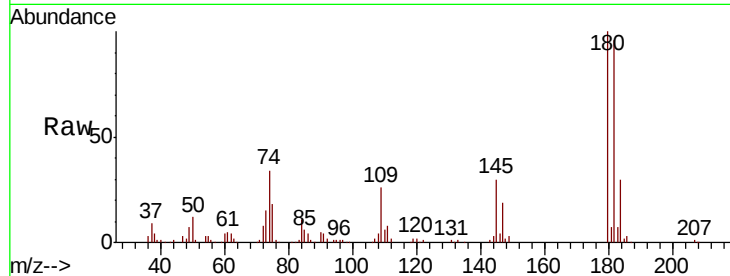




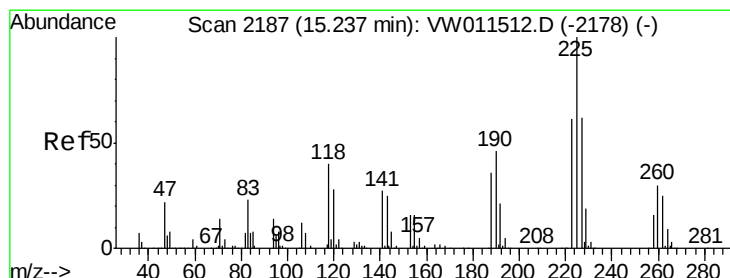
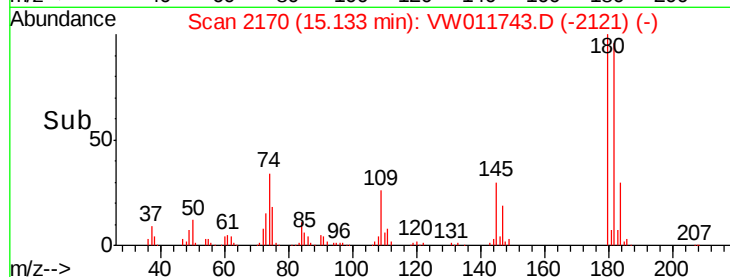
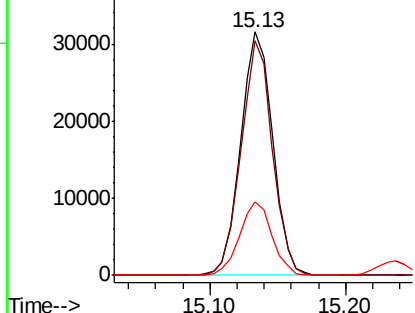
#93
 1,2,4-Trichlorobenzene
 Concen: 17.896 ug/l
 RT: 15.13 min Scan# 2170
 Delta R.T. 0.00 min
 Lab File: VW011743.D
 Acq: 07 Aug 2019 11:47

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0808SBS01

Tgt Ion:180 Resp: 51980
 Ion Ratio Lower Upper
 180 100
 182 94.1 47.4 142.2
 145 30.6 15.4 46.1

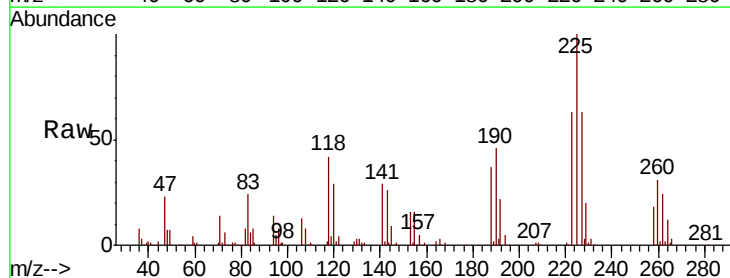


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

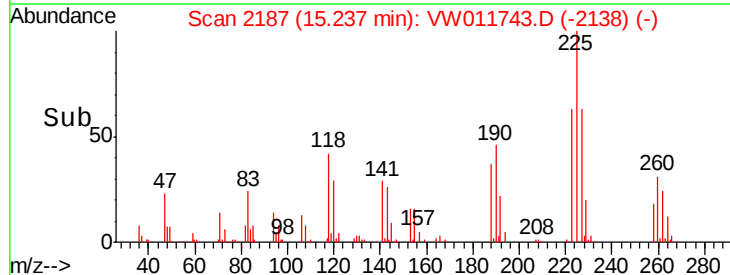
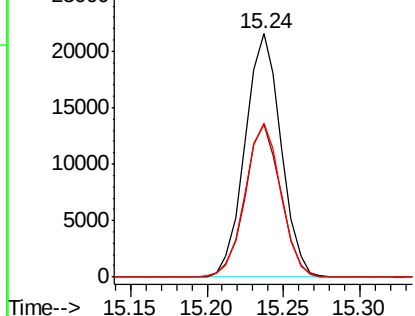


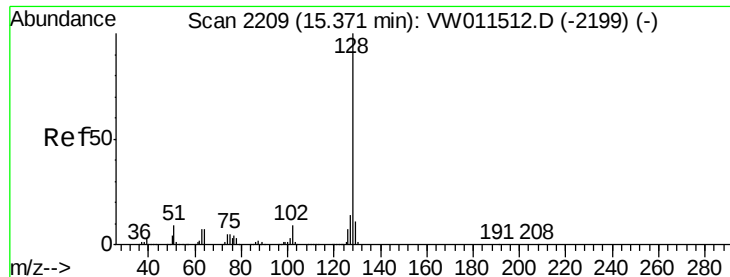
#94
 Hexachlorobutadiene
 Concen: 19.386 ug/l
 RT: 15.24 min Scan# 2187
 Delta R.T. 0.00 min
 Lab File: VW011743.D
 Acq: 07 Aug 2019 11:47

Tgt Ion:225 Resp: 35115
 Ion Ratio Lower Upper
 225 100
 223 62.1 30.8 92.3
 227 62.9 31.6 94.7



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

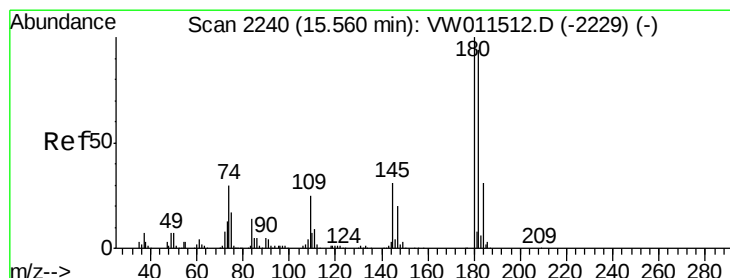
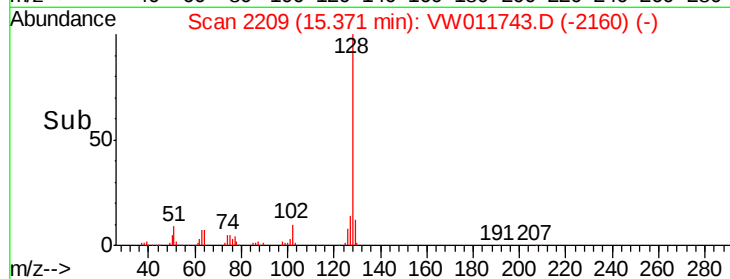
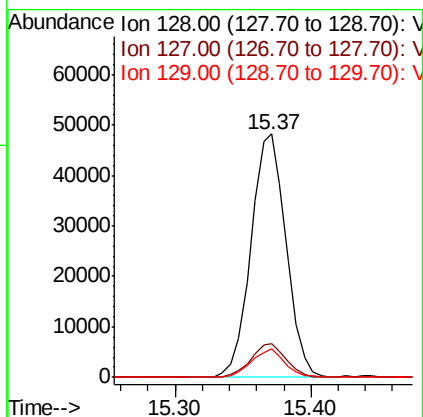
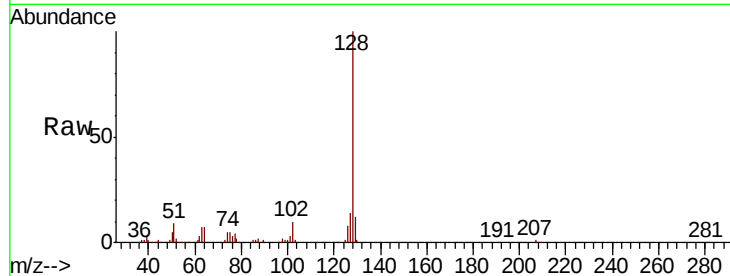




#95
Naphthalene
Concen: 16.731 ug/l
RT: 15.37 min Scan# 2209
Delta R.T. 0.00 min
Lab File: VW011743.D
Acq: 07 Aug 2019 11:47

Instrument :
MSVOA_W
ClientSampleId :
VW0808SBS01

Tgt Ion:128 Resp: 87036
Ion Ratio Lower Upper
128 100
127 13.8 10.6 16.0
129 11.1 8.6 13.0



#96
1,2,3-Trichlorobenzene
Concen: 17.749 ug/l
RT: 15.56 min Scan# 2240
Delta R.T. 0.00 min
Lab File: VW011743.D
Acq: 07 Aug 2019 11:47

Tgt Ion:180 Resp: 45191
Ion Ratio Lower Upper
180 100
182 95.7 47.4 142.2
145 32.1 15.9 47.7

