

Data File : VW012687.D
Acq On : 06 Sep 2019 13:24
Operator : SY/VA
Sample : VW0906SBSD02
Misc : 5.00G/5ML/MSVOA_W/SOIL
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VW0906SBSD02

Quant Time: Sep 07 04:37:51 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W082319S.M
Quant Title : SW846 8260
QLast Update : Mon Aug 26 07:18:31 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	218269	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	329823	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	290414	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.55	152	146591	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	120778	46.55	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.10%	
35) Dibromofluoromethane	7.88	113	94663	48.08	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.16%	
50) Toluene-d8	10.32	98	387657	48.56	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.12%	
62) 4-Bromofluorobenzene	12.62	95	137669	48.93	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.86%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.01	85	32137	23.912	ug/l	95
3) Chloromethane	2.21	50	38407	18.446	ug/l	98
4) Vinyl Chloride	2.36	62	44515	17.467	ug/l	99
5) Bromomethane	2.76	94	24631	19.084	ug/l	87
6) Chloroethane	2.92	64	26860	18.683	ug/l	97
7) Trichlorofluoromethane	3.25	101	27899	21.801	ug/l	97
8) Diethyl Ether	3.68	74	22219	18.292	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	4.06	101	42821	19.686	ug/l	96
10) Methyl Iodide	4.27	142	53504	18.179	ug/l	96
11) Tert butyl alcohol	5.17	59	16728	107.130	ug/l #	87
12) 1,1-Dichloroethene	4.04	96	39103	17.861	ug/l	93
13) Acrolein	3.89	56	8145	55.414	ug/l	99
14) Allyl chloride	4.67	41	85045	18.170	ug/l	97
15) Acrylonitrile	5.36	53	61344	101.890	ug/l	99
16) Acetone	4.12	43	60416	91.090	ug/l	99
17) Carbon Disulfide	4.38	76	90359	13.656	ug/l	100
18) Methyl Acetate	4.67	43	31652	19.267	ug/l	98
19) Methyl tert-butyl Ether	5.43	73	79682	22.506	ug/l	98
20) Methylene Chloride	4.91	84	53768	21.444	ug/l	99
21) trans-1,2-Dichloroethene	5.42	96	44077	18.774	ug/l	99
22) Diisopropyl ether	6.31	45	179236	20.659	ug/l	97
23) Vinyl Acetate	6.25	43	548464	102.724	ug/l	99
24) 1,1-Dichloroethane	6.21	63	97073	20.550	ug/l	99
25) 2-Butanone	7.17	43	90027	99.887	ug/l	94
26) 2,2-Dichloropropane	7.17	77	61470	22.990	ug/l	98
27) cis-1,2-Dichloroethene	7.16	96	52573	20.959	ug/l	100
28) Bromochloromethane	7.51	49	37595	18.260	ug/l	94
29) Tetrahydrofuran	7.53	42	56898	105.223	ug/l	96
30) Chloroform	7.67	83	95696	22.143	ug/l	99
31) Cyclohexane	7.95	56	86732	18.558	ug/l	97
32) 1,1,1-Trichloroethane	7.87	97	77031	22.531	ug/l	99
36) 1,1-Dichloropropene	8.08	75	73574	21.586	ug/l	99
37) Ethyl Acetate	7.25	43	42197	22.593	ug/l	99
38) Carbon Tetrachloride	8.07	117	69514	23.564	ug/l	99

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Quant Title : SW846 8260
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	81314	21.236	ug/l	98
40) Benzene	8.32	78	195536	21.010	ug/l	99
41) Methacrylonitrile	7.48	41	26977	24.575	ug/l	94
42) 1,2-Dichloroethane	8.40	62	68770	23.577	ug/l	99
43) Isopropyl Acetate	8.42	43	78028	22.554	ug/l	98
44) Trichloroethene	9.09	130	49958	22.082	ug/l	92
45) 1,2-Dichloropropane	9.37	63	54157	21.622	ug/l	98
46) Dibromomethane	9.46	93	25575	22.949	ug/l	96
47) Bromodichloromethane	9.65	83	69411	23.403	ug/l	99
48) Methyl methacrylate	9.43	41	37749	22.925	ug/l	96
49) 1,4-Dioxane	9.45	88	8031	470.736	ug/l	94
51) 4-Methyl-2-Pentanone	10.21	43	204277	116.089	ug/l	99
52) Toluene	10.38	92	127607	22.824	ug/l	100
53) t-1,3-Dichloropropene	10.60	75	69714	23.075	ug/l	100
54) cis-1,3-Dichloropropene	10.07	75	81849	22.437	ug/l	98
55) 1,1,2-Trichloroethane	10.79	97	38348	24.321	ug/l	98
56) Ethyl methacrylate	10.65	69	53795	23.442	ug/l	98
57) 1,3-Dichloropropane	10.93	76	69773	23.416	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.93	63	129383	109.855	ug/l	97
59) 2-Hexanone	10.97	43	141929	113.993	ug/l	100
60) Dibromochloromethane	11.13	129	42330	24.103	ug/l	100
61) 1,2-Dibromoethane	11.23	107	34294	23.346	ug/l	98
64) Tetrachloroethene	10.86	164	42843	22.754	ug/l	99
65) Chlorobenzene	11.66	112	128454	22.463	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.73	131	49128	24.626	ug/l	98
67) Ethyl Benzene	11.73	91	247132	22.434	ug/l	100
68) m/p-Xylenes	11.84	106	180458	45.478	ug/l	99
69) o-Xylene	12.16	106	84111	22.903	ug/l	98
70) Styrene	12.18	104	146667	23.073	ug/l	99
71) Bromoform	12.35	173	24918	25.070	ug/l #	98
73) Isopropylbenzene	12.46	105	243653	22.182	ug/l	99
74) N-amyl acetate	12.27	43	71671	21.596	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.71	83	44220	21.959	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	59878	41.940	ug/l #	100
77) Bromobenzene	12.74	156	53306	22.432	ug/l	97
78) n-propylbenzene	12.80	91	290872	21.691	ug/l	98
79) 2-Chlorotoluene	12.89	91	169376	22.248	ug/l	99
80) 1,3,5-Trimethylbenzene	12.94	105	206788	22.530	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.51	75	14488	22.250	ug/l	98
82) 4-Chlorotoluene	12.99	91	179202	22.480	ug/l	100
83) tert-Butylbenzene	13.21	119	176882	22.750	ug/l	99
84) 1,2,4-Trimethylbenzene	13.25	105	205353	22.273	ug/l	99
85) sec-Butylbenzene	13.38	105	247663	22.234	ug/l	100
86) p-Isopropyltoluene	13.50	119	226554	22.775	ug/l	100
87) 1,3-Dichlorobenzene	13.50	146	104470	22.476	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	105845	22.934	ug/l	99
89) n-Butylbenzene	13.82	91	217084	21.945	ug/l	99
90) Hexachloroethane	14.09	117	39024	22.360	ug/l	91
91) 1,2-Dichlorobenzene	13.87	146	94817	23.254	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	7886	23.229	ug/l	97

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW090619\
Quantitation Report (Not Reviewed)

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

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.13	180	65281	23.167	ug/l	98
94) Hexachlorobutadiene	15.24	225	46285	24.876	ug/l	94
95) Naphthalene	15.36	128	110733	22.617	ug/l	99
96) 1,2,3-Trichlorobenzene	15.55	180	57116	23.232	ug/l	100

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

Data File : VW012687.D

Acq On : 06 Sep 2019 13:24

Operator : SY/VA

Sample : VW0906SBSD02

Misc : 5.00G/5ML/MSVOA_W/SOIL

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ALS Vial      : 7      Sample Multiplier: 1
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Instrument :
MSVOA_W
ClientSampleId :
VW0906SBSD02

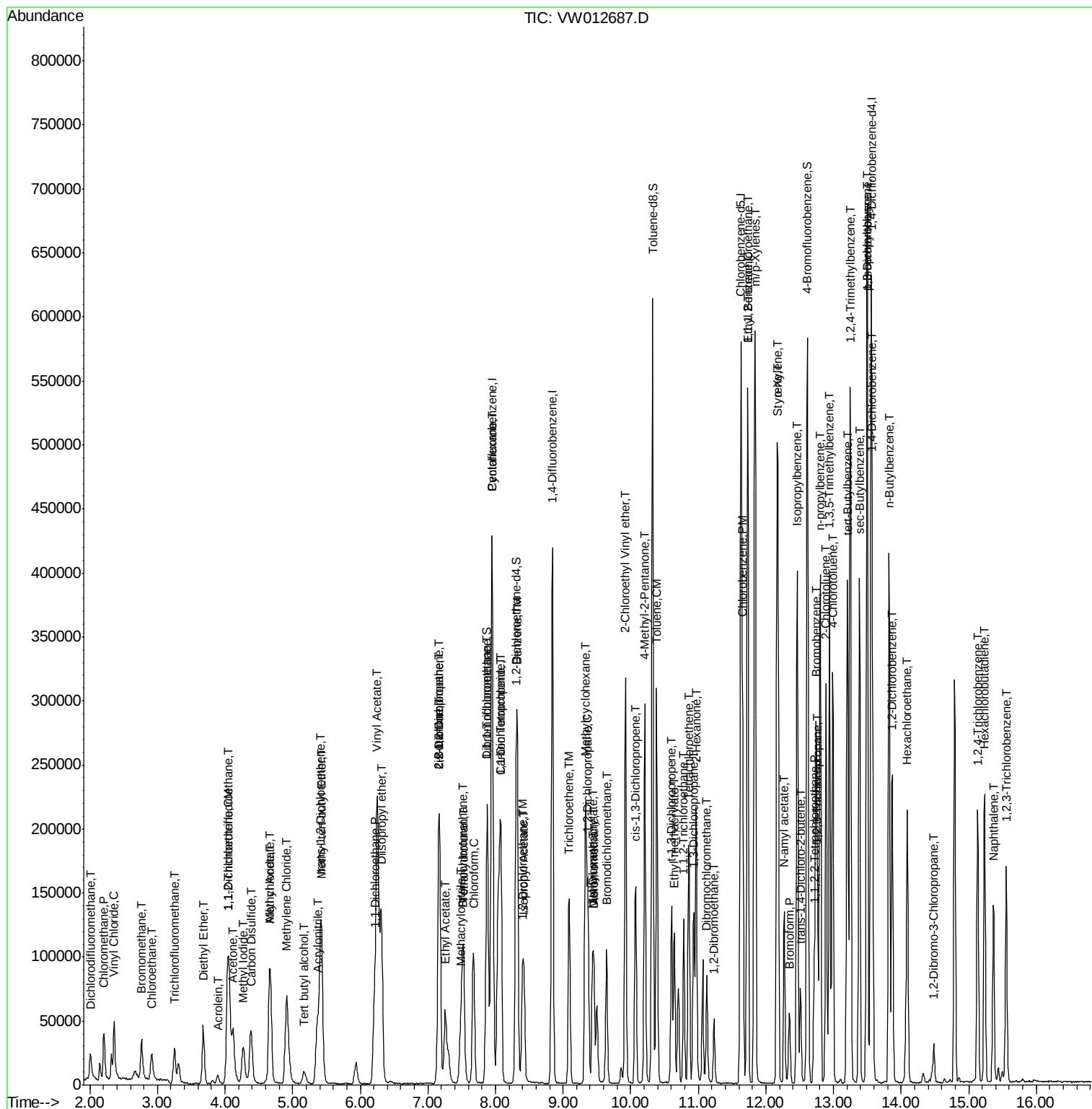
Quant Time: Sep 07 04:37:51 2019

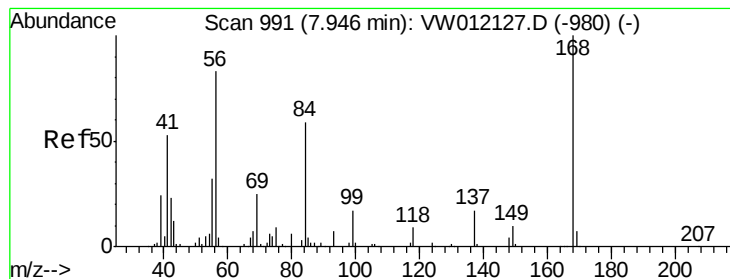
Quant Method : Z:\V0ASRV\HPCHEM1\MSV0A_W\METHOD\82W082319S.M

Quant Title : SW846 8260

QLast Update : Mon Aug 26 07:18:31 2019

Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.00 min

Lab File: VW012687.D

Acq: 06 Sep 2019 13:24

Instrument :

MSVOA_W

ClientSampleId :

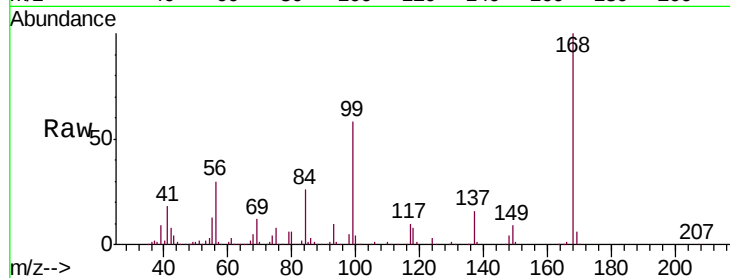
VW0906SBSD02

Tgt Ion: 168 Resp: 218269

Ion Ratio Lower Upper

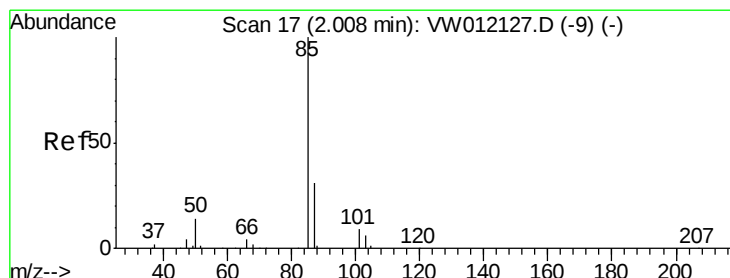
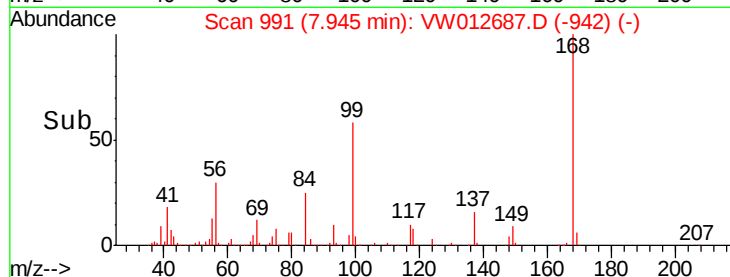
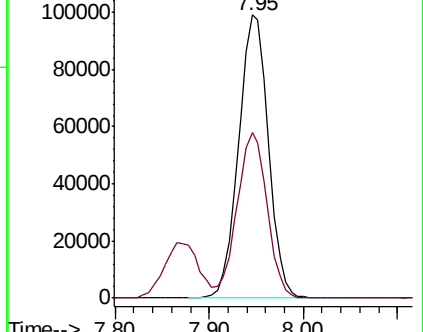
168 100

99 58.2 49.2 73.8



Abundance Ion 167.90 (167.60 to 168.60): VW

Ion 98.90 (98.60 to 99.60): VW



#2

Dichlorodifluoromethane

Concen: 23.912 ug/l

RT: 2.01 min Scan# 17

Delta R.T. -0.00 min

Lab File: VW012687.D

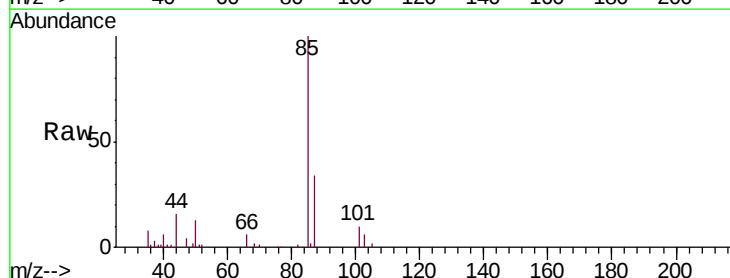
Acq: 06 Sep 2019 13:24

Tgt Ion: 85 Resp: 32137

Ion Ratio Lower Upper

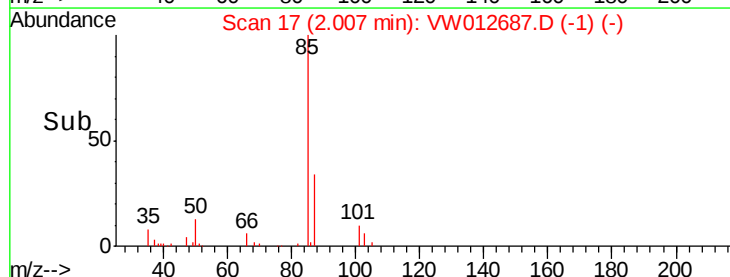
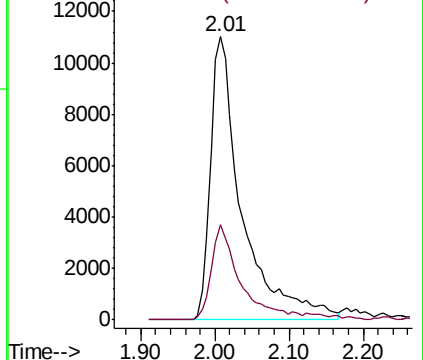
85 100

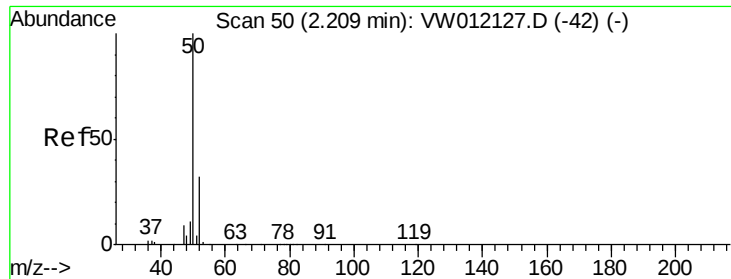
87 33.9 15.6 46.8



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW

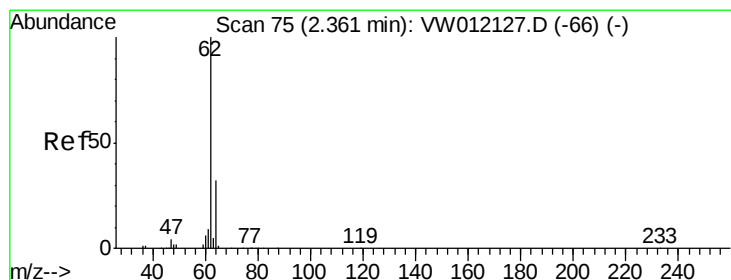
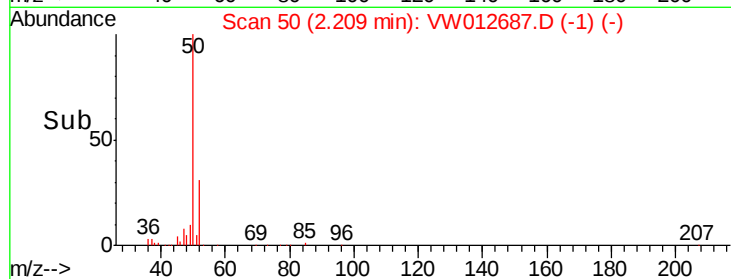
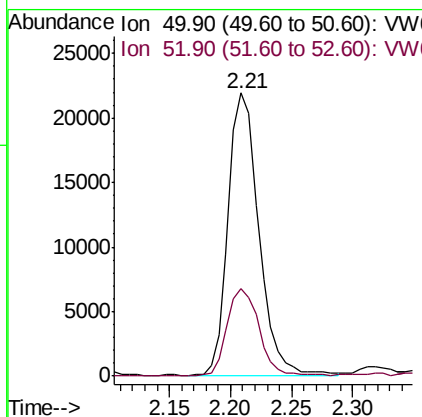
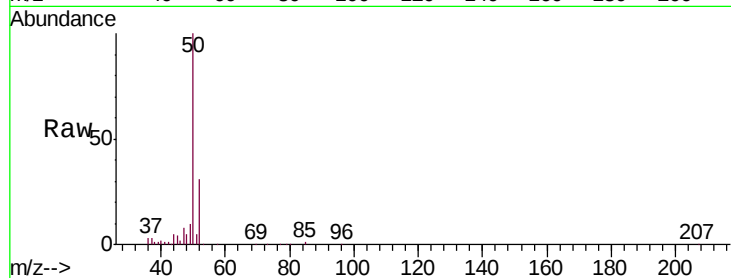




#3
Chloromethane
Concen: 18.446 ug/l
RT: 2.21 min Scan# 50
Delta R.T. -0.00 min
Lab File: VW012687.D
Acq: 06 Sep 2019 13:24

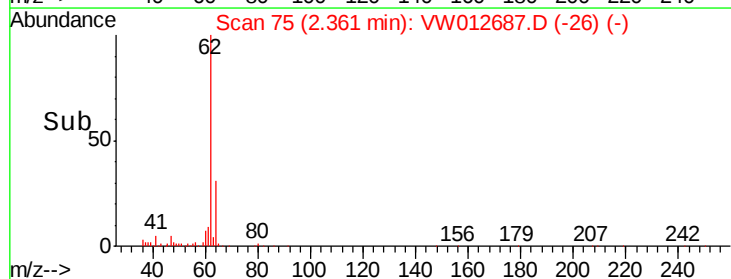
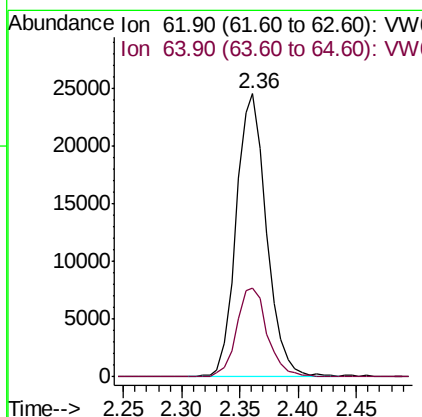
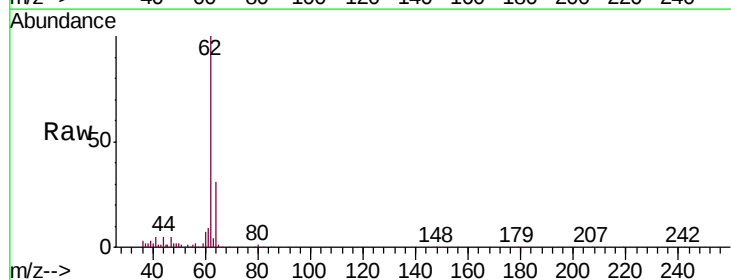
Instrument :
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VW0906SBSD02

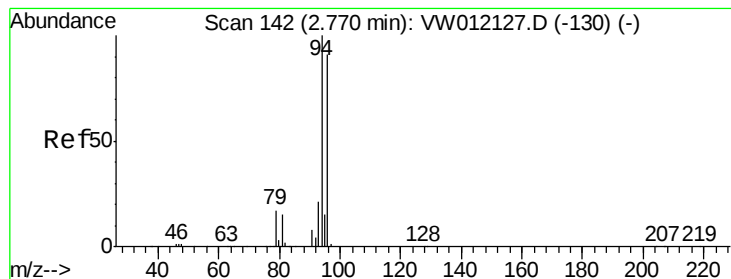
Tgt Ion: 50 Resp: 38407
Ion Ratio Lower Upper
50 100
52 30.8 25.5 38.3



#4
Vinyl Chloride
Concen: 17.467 ug/l
RT: 2.36 min Scan# 75
Delta R.T. -0.00 min
Lab File: VW012687.D
Acq: 06 Sep 2019 13:24

Tgt Ion: 62 Resp: 44515
Ion Ratio Lower Upper
62 100
64 31.2 25.3 37.9





#5

Bromomethane

Concen: 19.084 ug/l

RT: 2.76 min Scan# 141

Delta R.T. -0.01 min

Lab File: VW012687.D

Acq: 06 Sep 2019 13:24

Instrument :

MSVOA_W

ClientSampleId :

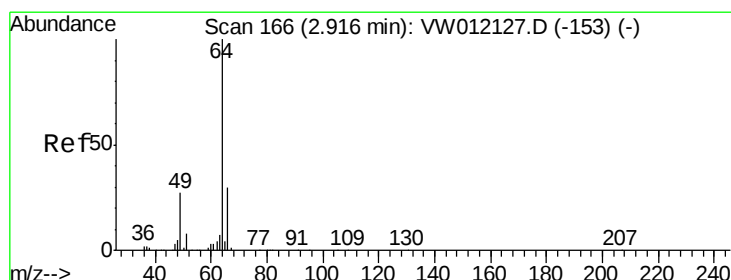
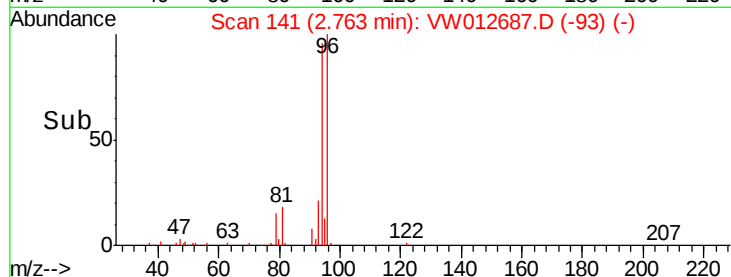
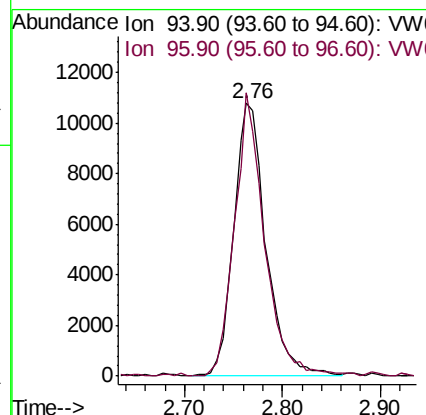
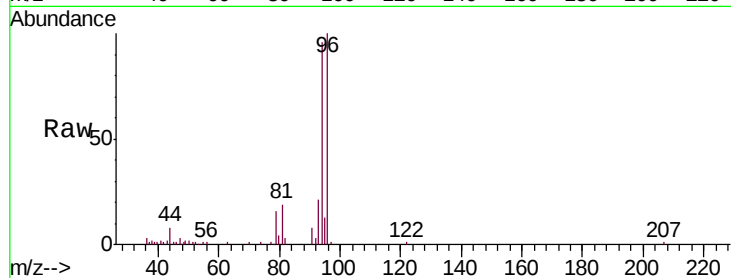
VW0906SBSD02

Tgt Ion: 94 Resp: 24631

Ion Ratio Lower Upper

94 100

96 103.9 72.9 109.3



#6

Chloroethane

Concen: 18.683 ug/l

RT: 2.92 min Scan# 166

Delta R.T. -0.00 min

Lab File: VW012687.D

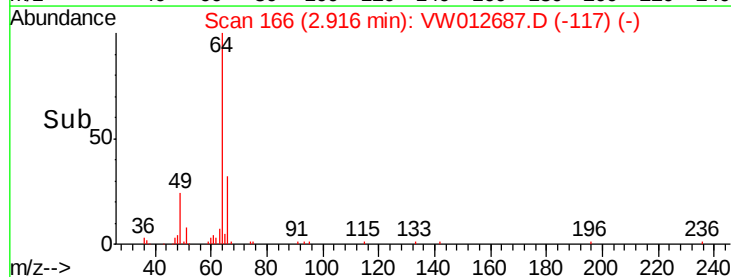
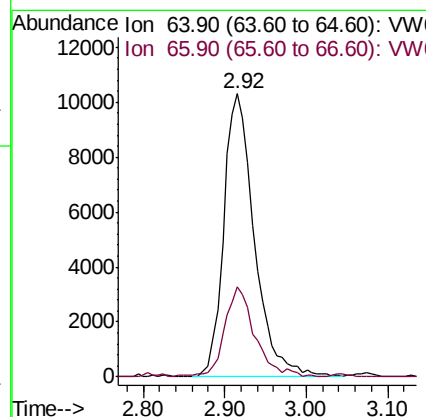
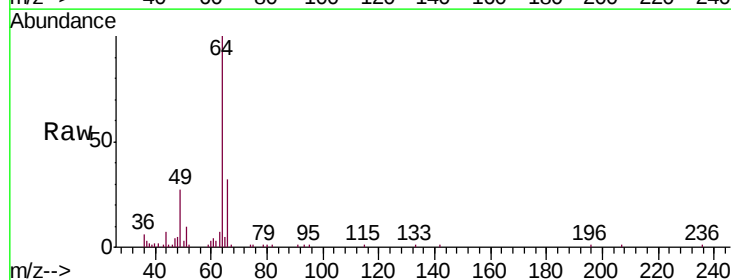
Acq: 06 Sep 2019 13:24

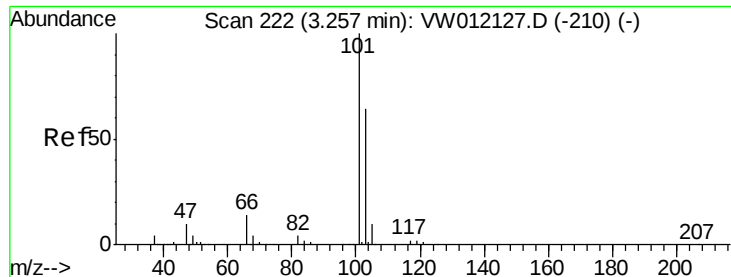
Tgt Ion: 64 Resp: 26860

Ion Ratio Lower Upper

64 100

66 31.2 23.8 35.8



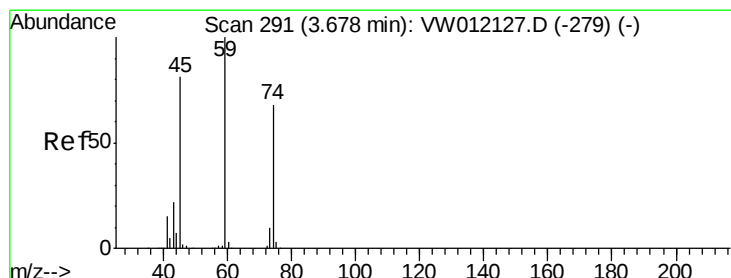
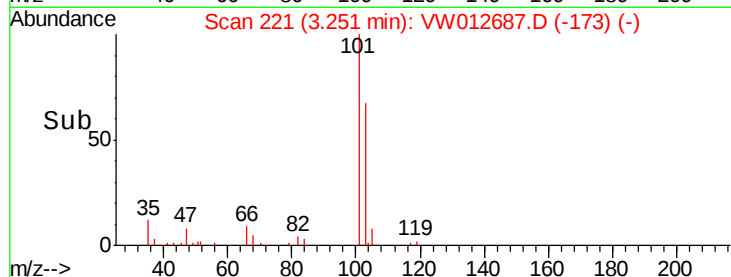
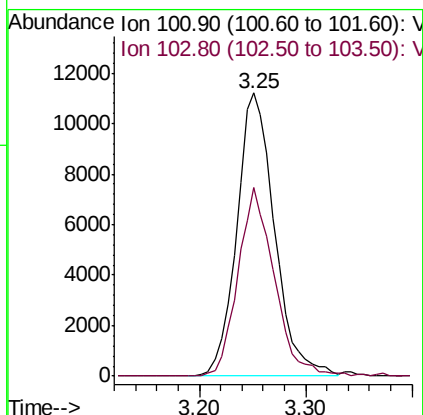
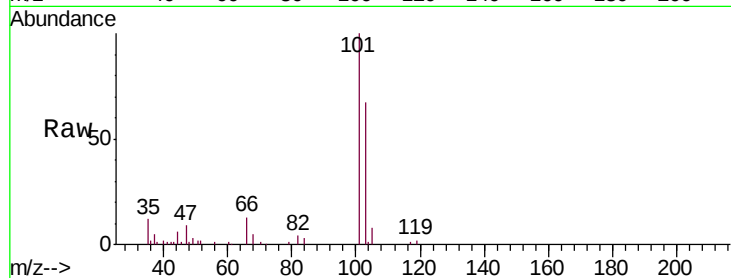


#7

Trichlorofluoromethane
Concen: 21.801 ug/l
RT: 3.25 min Scan# 221
Delta R.T. -0.01 min
Lab File: VW012687.D
Acq: 06 Sep 2019 13:24

Instrument :
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ClientSampleId :
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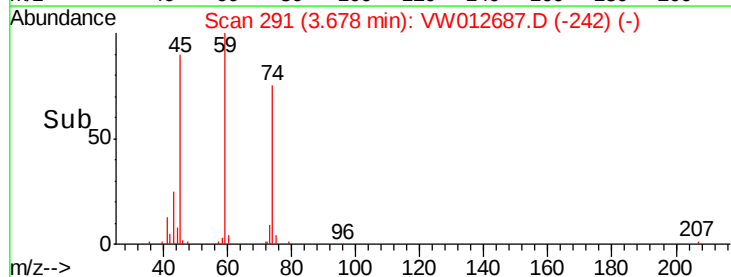
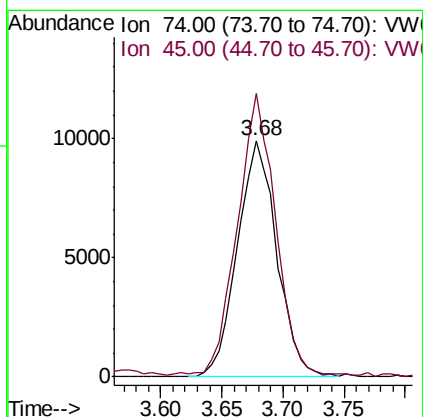
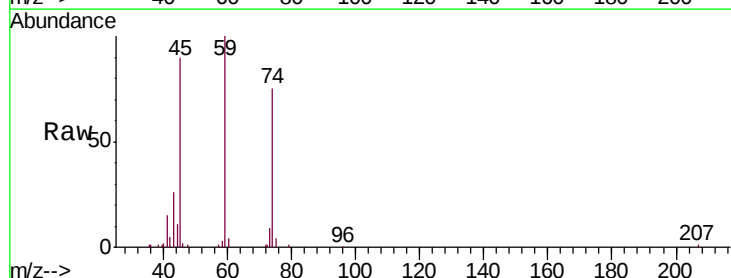
Tgt Ion:101 Resp: 27899
Ion Ratio Lower Upper
101 100
103 66.6 51.2 76.8

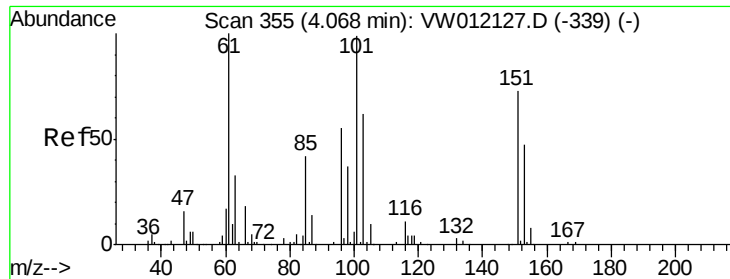


#8

Diethyl Ether
Concen: 18.292 ug/l
RT: 3.68 min Scan# 291
Delta R.T. -0.00 min
Lab File: VW012687.D
Acq: 06 Sep 2019 13:24

Tgt Ion: 74 Resp: 22219
Ion Ratio Lower Upper
74 100
45 116.0 59.2 177.6





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.686 ug/l

RT: 4.06 min Scan# 353

Delta R.T. -0.01 min

Lab File: VW012687.D

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Instrument :

MSVOA_W

ClientSampleId :

VW0906SBSD02

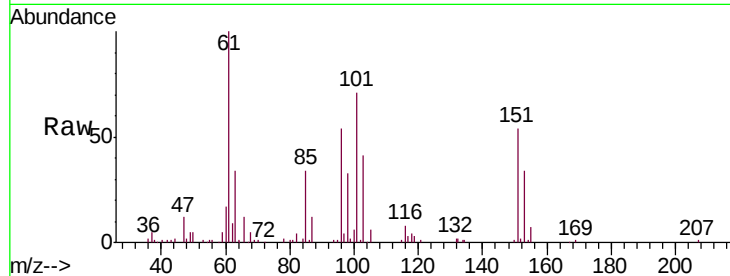
Tgt Ion:101 Resp: 42821

Ion Ratio Lower Upper

101 100

85 43.4 35.8 53.6

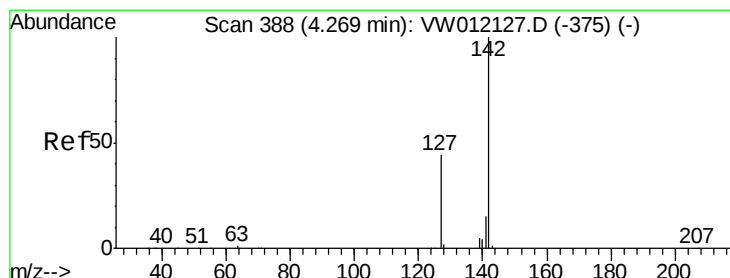
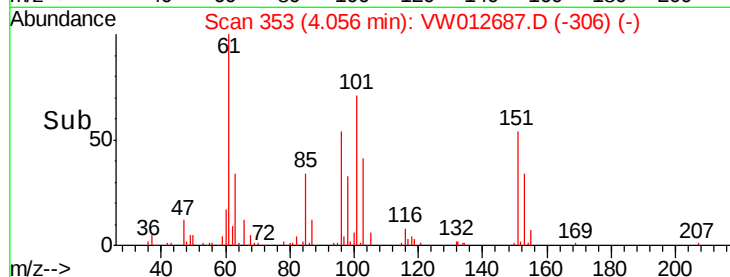
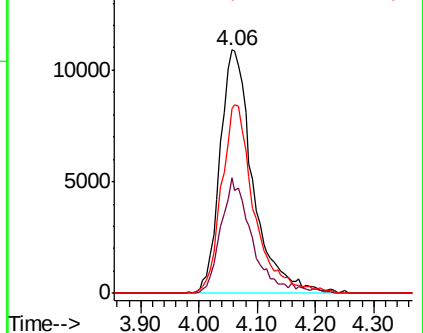
151 77.2 58.6 87.8



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VW

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 18.179 ug/l

RT: 4.27 min Scan# 388

Delta R.T. -0.00 min

Lab File: VW012687.D

Acq: 06 Sep 2019 13:24

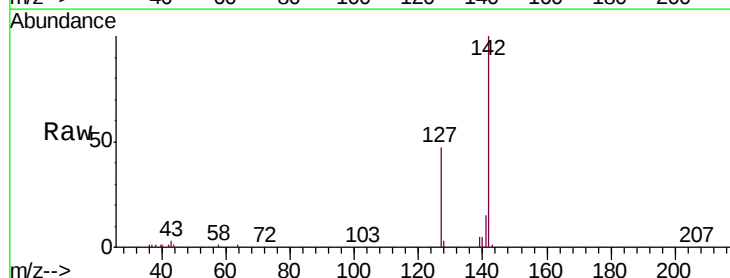
Tgt Ion:142 Resp: 53504

Ion Ratio Lower Upper

142 100

127 47.0 35.5 53.3

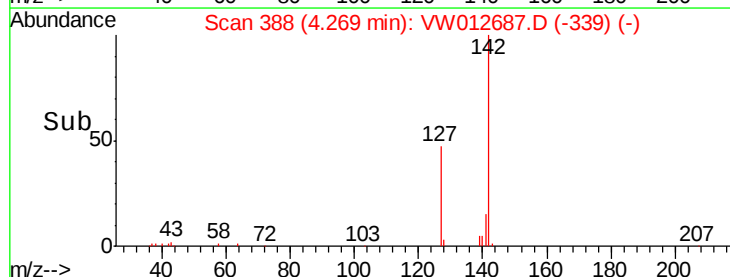
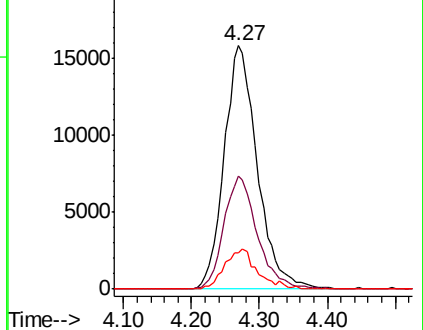
141 16.2 11.8 17.8

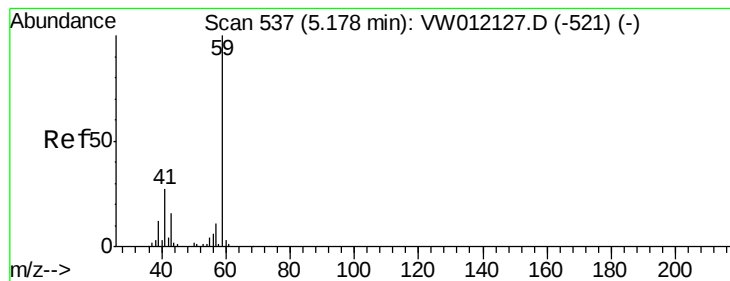


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



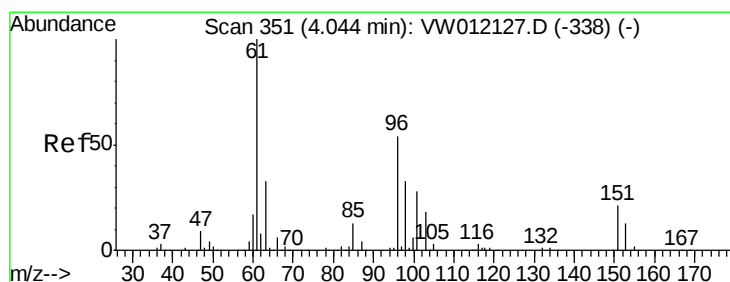
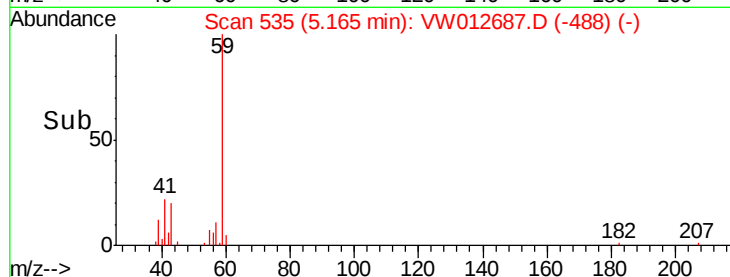
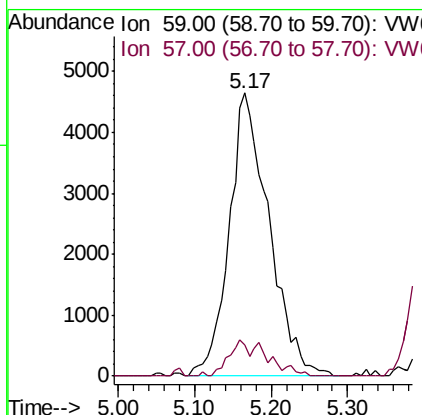
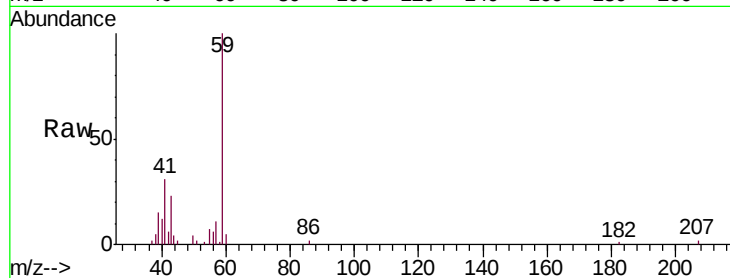


#11

Tert butyl alcohol
Concen: 107.130 ug/l
RT: 5.17 min Scan# 535
Delta R.T. -0.01 min
Lab File: VW012687.D
Acq: 06 Sep 2019 13:24

Instrument :
MSVOA_W
ClientSampled :
VW0906SBS02

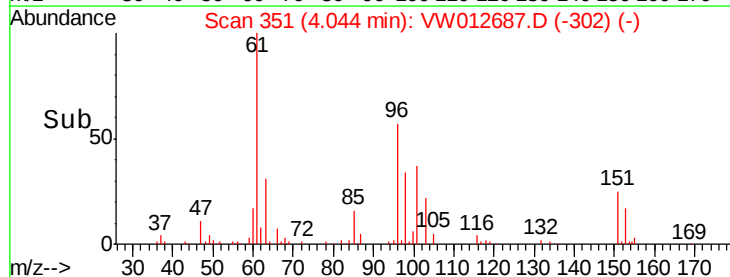
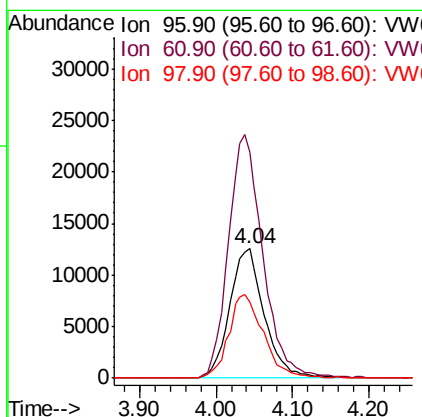
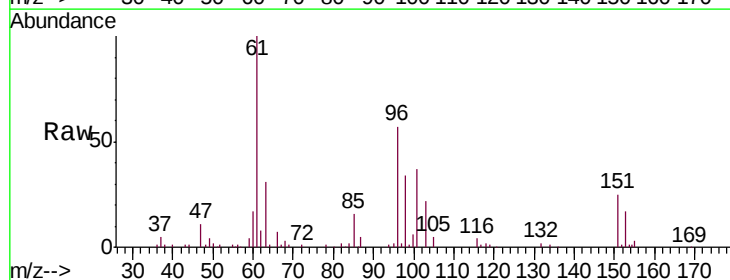
Tgt Ion: 59 Resp: 16728
Ion Ratio Lower Upper
59 100
57 6.1 9.0 13.4#

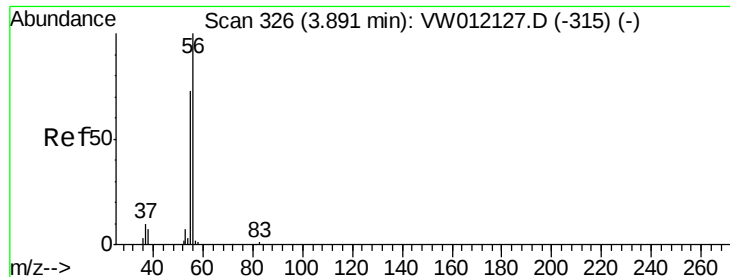


#12

1,1-Dichloroethene
Concen: 17.861 ug/l
RT: 4.04 min Scan# 351
Delta R.T. -0.00 min
Lab File: VW012687.D
Acq: 06 Sep 2019 13:24

Tgt Ion: 96 Resp: 39103
Ion Ratio Lower Upper
96 100
61 174.3 149.1 223.7
98 58.5 49.4 74.2





#13

Acrolein

Concen: 55.414 ug/l

RT: 3.89 min Scan# 326

Delta R.T. -0.00 min

Lab File: VW012687.D

Acq: 06 Sep 2019 13:24

Instrument :

MSVOA_W

ClientSampleId :

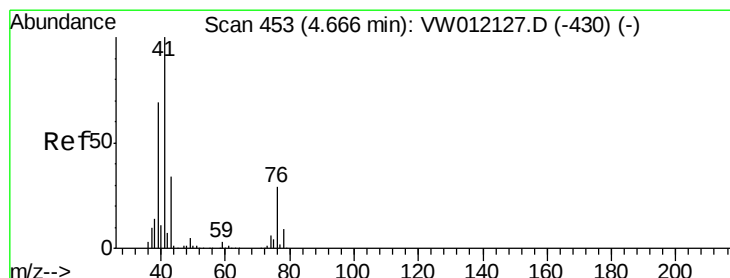
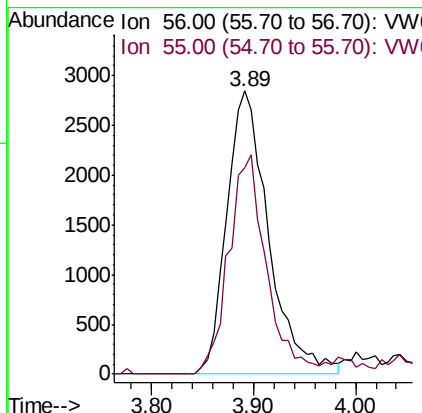
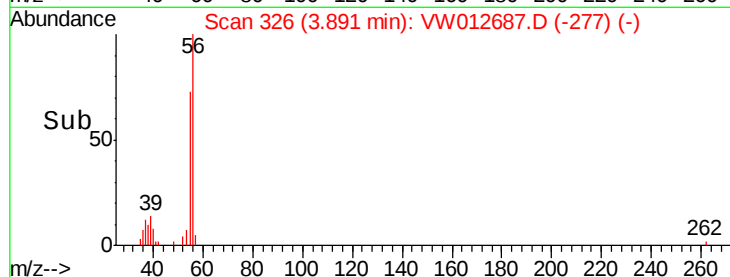
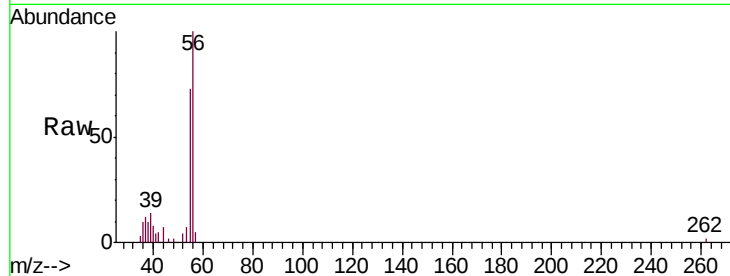
VW0906SBSD02

Tgt Ion: 56 Resp: 8145

Ion Ratio Lower Upper

56 100

55 69.1 55.8 83.8



#14

Allyl chloride

Concen: 18.170 ug/l

RT: 4.67 min Scan# 453

Delta R.T. -0.00 min

Lab File: VW012687.D

Acq: 06 Sep 2019 13:24

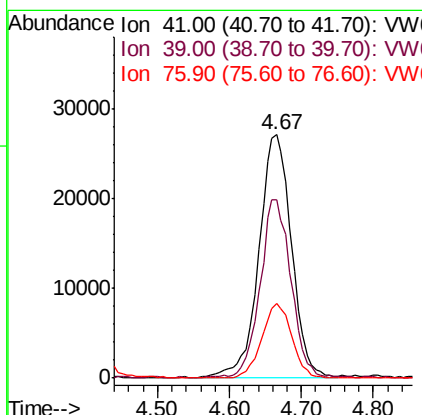
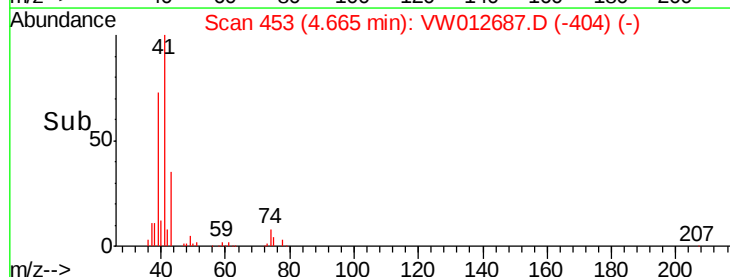
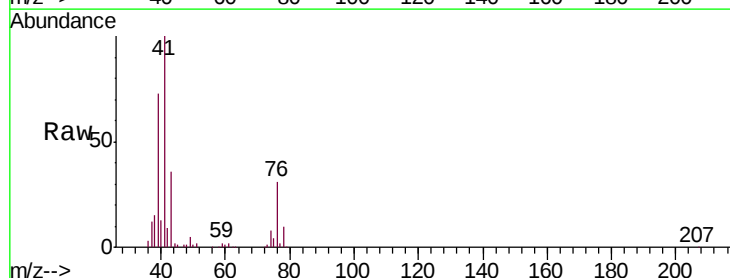
Tgt Ion: 41 Resp: 85045

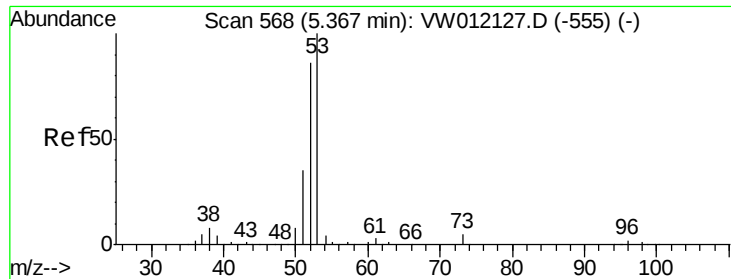
Ion Ratio Lower Upper

41 100

39 70.3 53.4 80.2

76 28.2 22.1 33.1

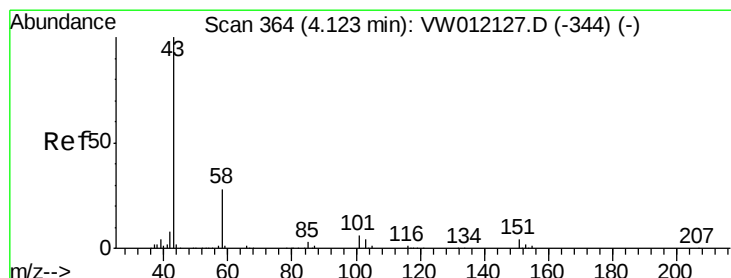
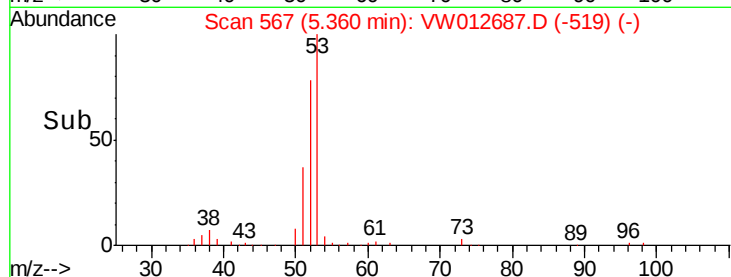
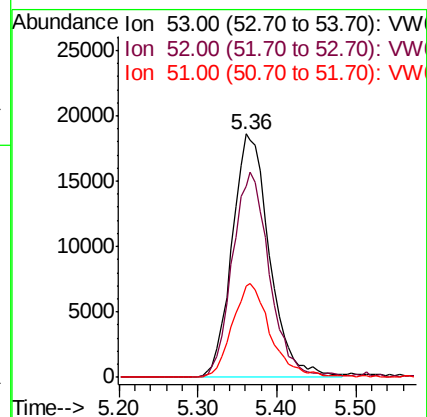
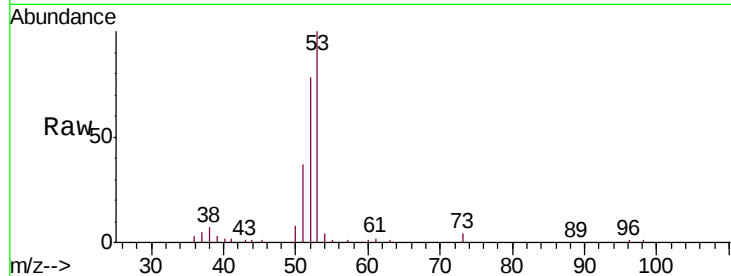




#15
 Acrylonitrile
 Concen: 101.890 ug/l
 RT: 5.36 min Scan# 567
 Delta R.T. -0.01 min
 Lab File: VW012687.D
 Acq: 06 Sep 2019 13:24

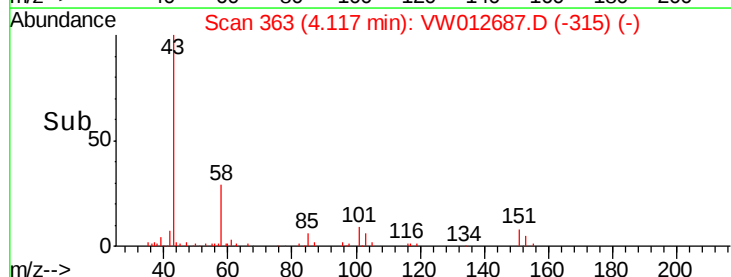
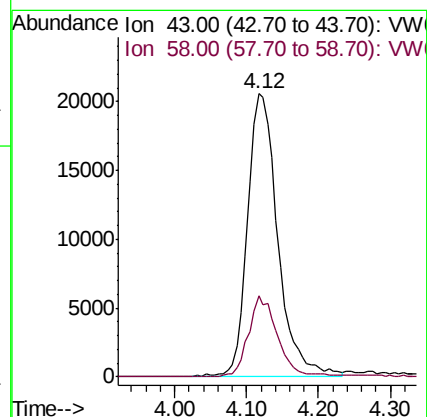
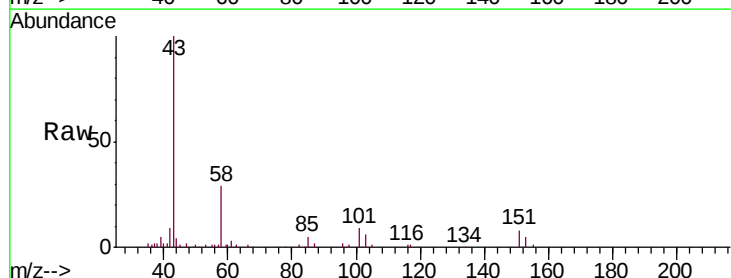
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0906SBSD02

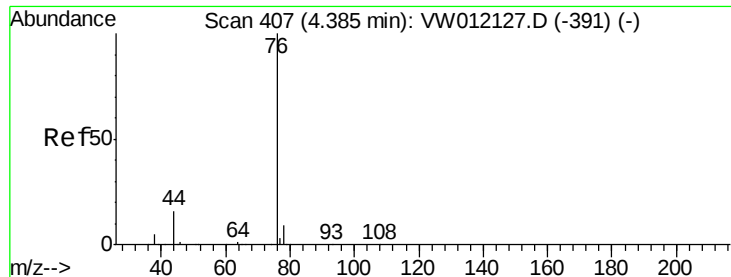
Tgt Ion: 53 Resp: 61344
 Ion Ratio Lower Upper
 53 100
 52 83.8 66.7 100.1
 51 39.5 30.1 45.1



#16
 Acetone
 Concen: 91.090 ug/l
 RT: 4.12 min Scan# 363
 Delta R.T. -0.01 min
 Lab File: VW012687.D
 Acq: 06 Sep 2019 13:24

Tgt Ion: 43 Resp: 60416
 Ion Ratio Lower Upper
 43 100
 58 28.5 22.4 33.6

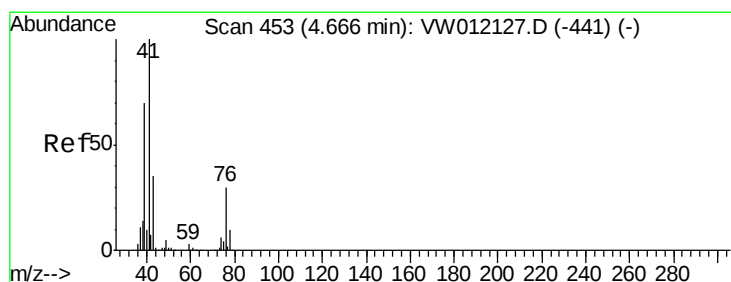
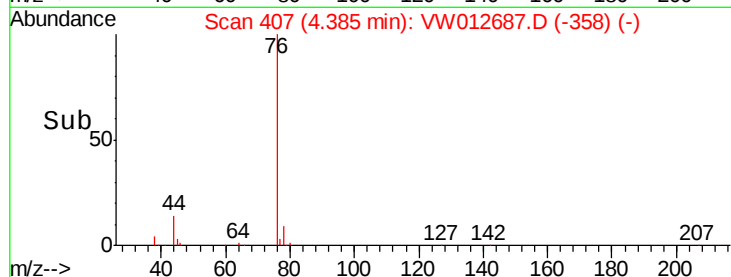
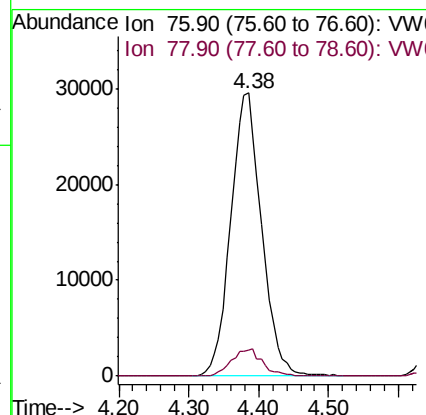
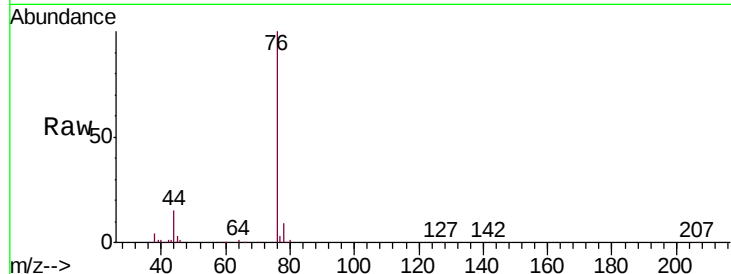




#17
Carbon Disulfide
Concen: 13.656 ug/l
RT: 4.38 min Scan# 407
Delta R.T. -0.00 min
Lab File: VW012687.D
Acq: 06 Sep 2019 13:24

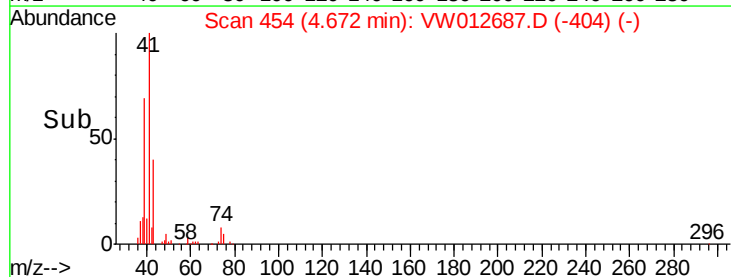
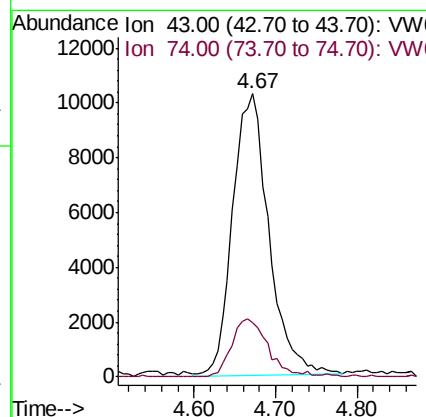
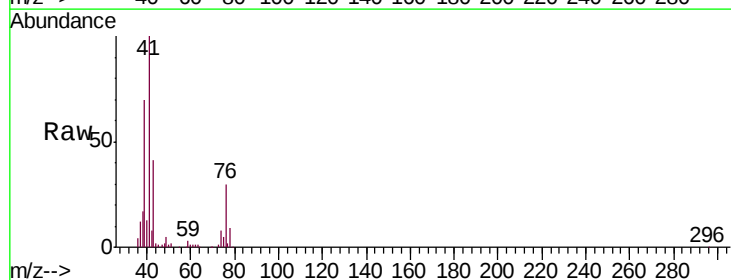
Instrument :
MSVOA_W
ClientSampleId :
VW0906SBSD02

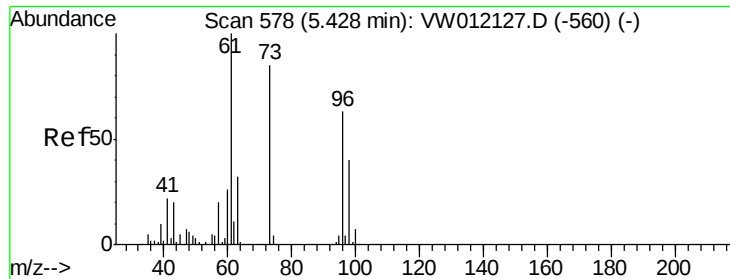
Tgt Ion: 76 Resp: 90359
Ion Ratio Lower Upper
76 100
78 9.0 7.3 10.9



#18
Methyl Acetate
Concen: 19.267 ug/l
RT: 4.67 min Scan# 454
Delta R.T. 0.01 min
Lab File: VW012687.D
Acq: 06 Sep 2019 13:24

Tgt Ion: 43 Resp: 31652
Ion Ratio Lower Upper
43 100
74 20.6 15.7 23.5

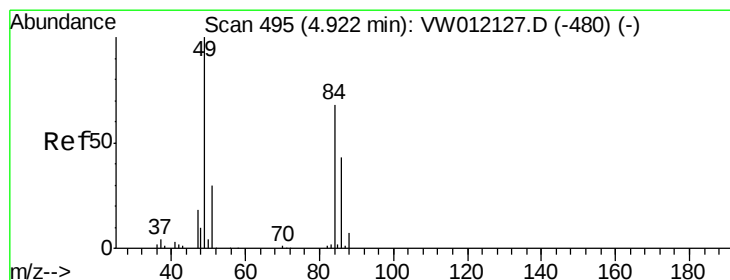
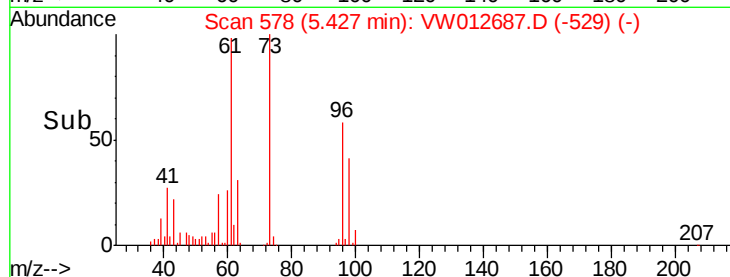
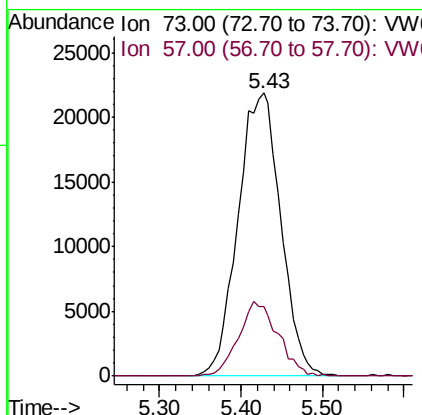
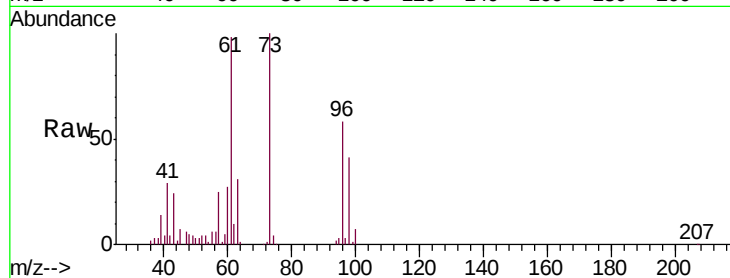




#19
Methyl tert-butyl Ether
Concen: 22.506 ug/l
RT: 5.43 min Scan# 578
Delta R.T. -0.00 min
Lab File: VW012687.D
Acq: 06 Sep 2019 13:24

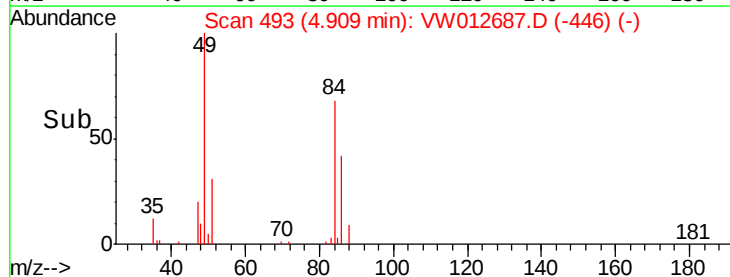
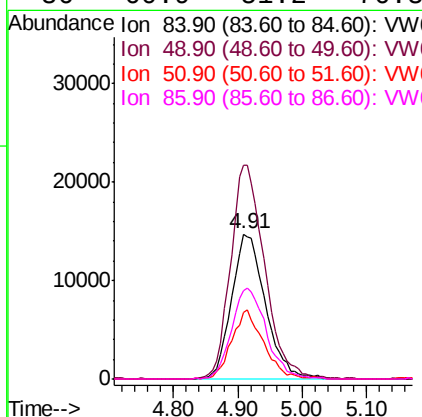
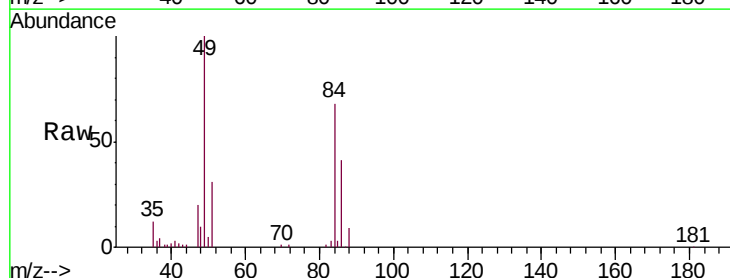
Instrument :
MSVOA_W
ClientSampleId :
VW0906SBSD02

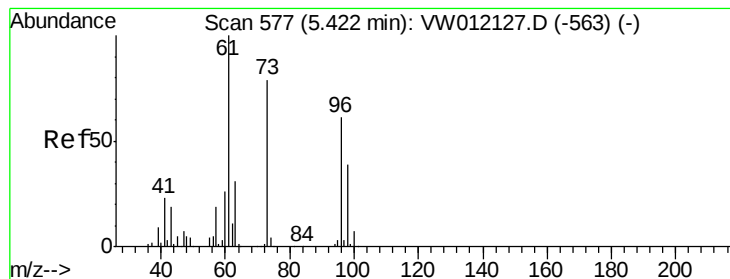
Tgt Ion: 73 Resp: 79682
Ion Ratio Lower Upper
73 100
57 24.7 18.9 28.3



#20
Methylene Chloride
Concen: 21.444 ug/l
RT: 4.91 min Scan# 493
Delta R.T. -0.01 min
Lab File: VW012687.D
Acq: 06 Sep 2019 13:24

Tgt Ion: 84 Resp: 53768
Ion Ratio Lower Upper
84 100
49 147.3 117.8 176.8
51 45.8 35.6 53.4
86 60.9 51.2 76.8





#21

trans-1,2-Dichloroethene

Concen: 18.774 ug/l

RT: 5.42 min Scan# 576

Delta R.T. -0.01 min

Lab File: VW012687.D

Acq: 06 Sep 2019 13:24

Instrument :

MSVOA_W

ClientSampleId :

VW0906SBSD02

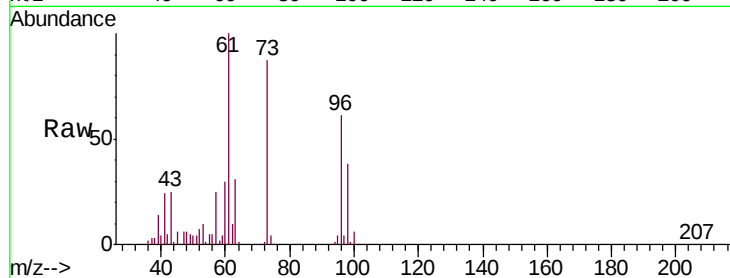
Tgt Ion: 96 Resp: 44077

Ion Ratio Lower Upper

96 100

61 164.9 131.4 197.0

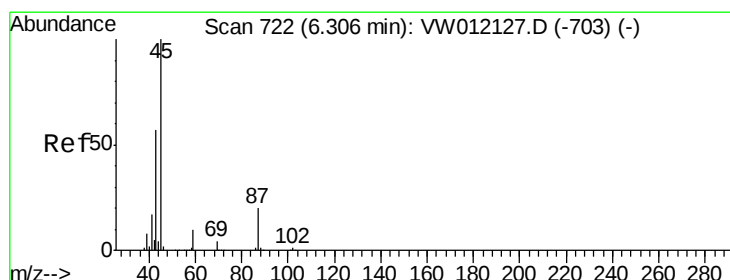
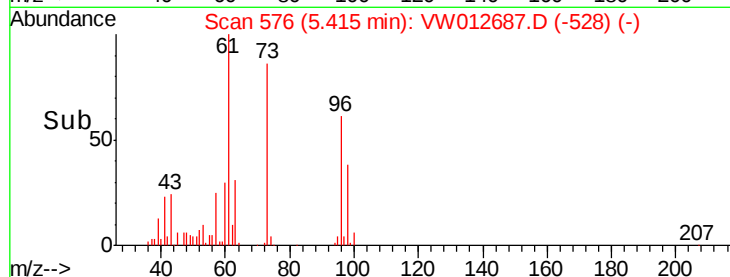
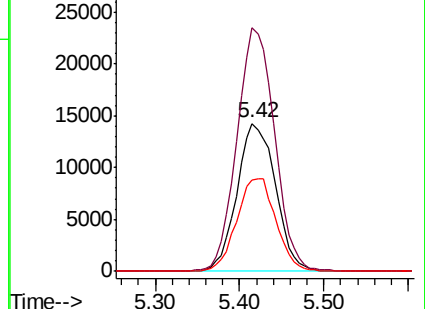
98 62.1 51.4 77.0



Abundance Ion 95.90 (95.60 to 96.60): VW

Ion 60.90 (60.60 to 61.60): VW

Ion 97.90 (97.60 to 98.60): VW



#22

Diisopropyl ether

Concen: 20.659 ug/l

RT: 6.31 min Scan# 723

Delta R.T. 0.01 min

Lab File: VW012687.D

Acq: 06 Sep 2019 13:24

Tgt Ion: 45 Resp: 179236

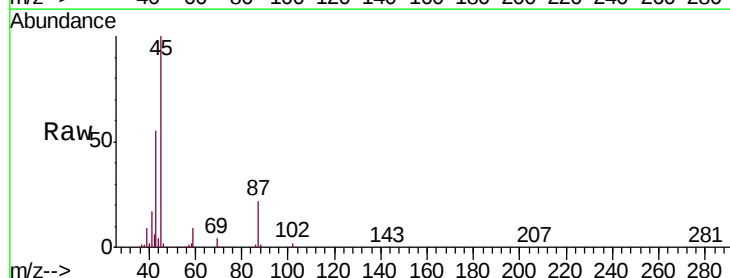
Ion Ratio Lower Upper

45 100

43 55.1 45.5 68.3

87 21.9 16.1 24.1

59 8.9 8.2 12.2

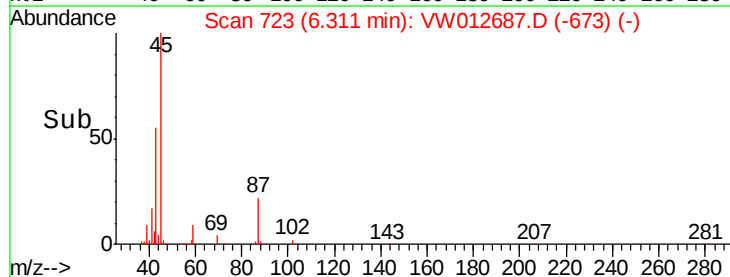
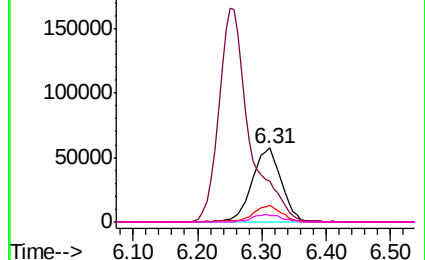


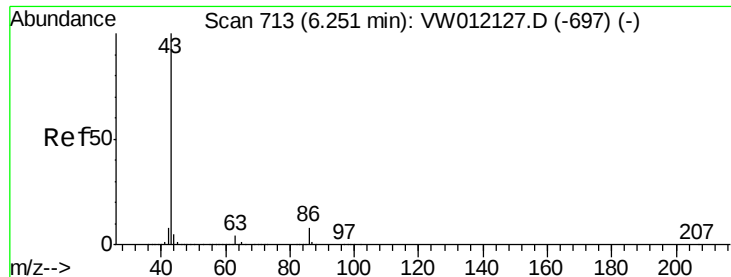
Abundance Ion 45.00 (44.70 to 45.70): VW

Ion 43.00 (42.70 to 43.70): VW

Ion 87.00 (86.70 to 87.70): VW

Ion 59.00 (58.70 to 59.70): VW





#23

Vinyl Acetate

Concen: 102.724 ug/l

RT: 6.25 min Scan# 713

Delta R.T. -0.00 min

Lab File: VW012687.D

Acq: 06 Sep 2019 13:24

Instrument :

MSVOA_W

ClientSampleId :

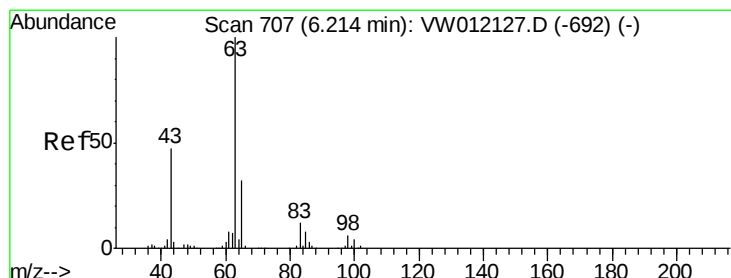
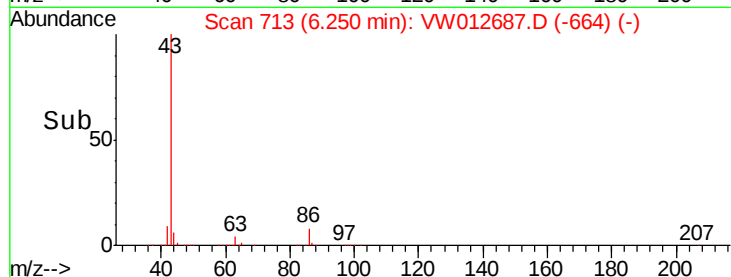
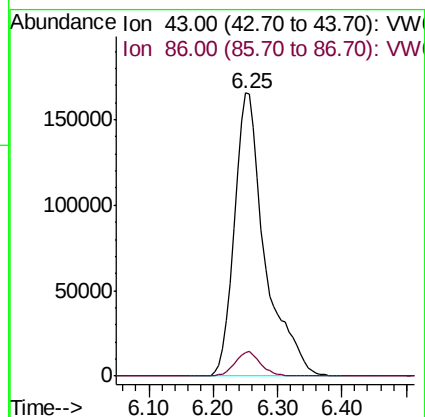
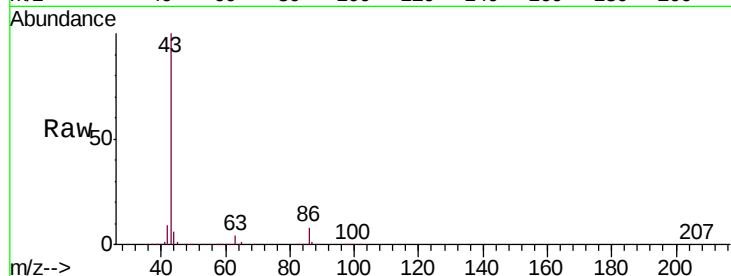
VW0906SBSD02

Tgt Ion: 43 Resp: 548464

Ion Ratio Lower Upper

43 100

86 8.3 6.5 9.7



#24

1,1-Dichloroethane

Concen: 20.550 ug/l

RT: 6.21 min Scan# 706

Delta R.T. -0.01 min

Lab File: VW012687.D

Acq: 06 Sep 2019 13:24

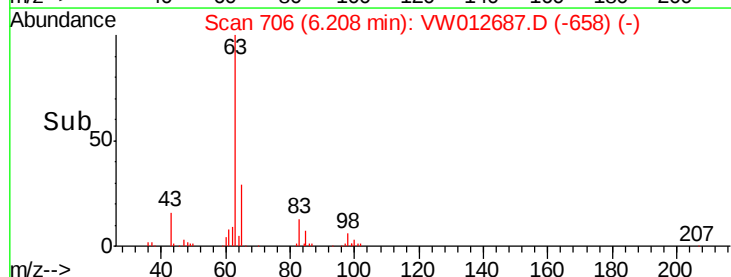
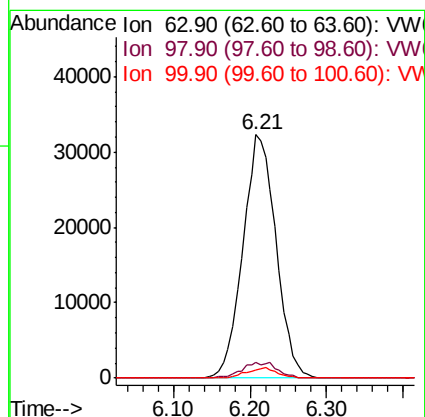
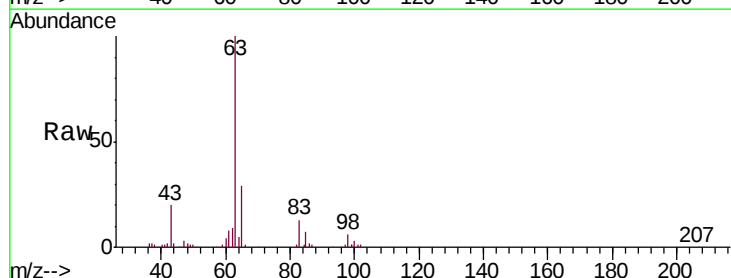
Tgt Ion: 63 Resp: 97073

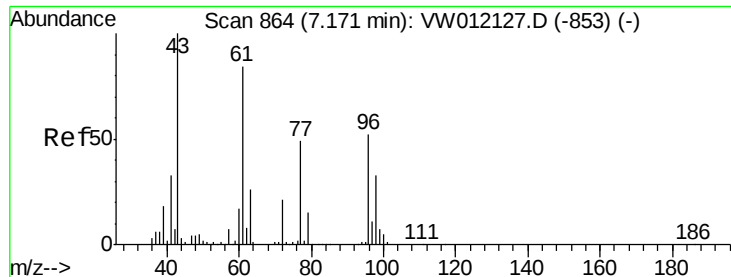
Ion Ratio Lower Upper

63 100

98 6.3 3.0 9.2

100 3.4 2.0 6.0





#25

2-Butanone

Concen: 99.887 ug/l

RT: 7.17 min Scan# 864

Delta R.T. -0.00 min

Lab File: VW012687.D

Acq: 06 Sep 2019 13:24

Instrument :

MSVOA_W

ClientSampleId :

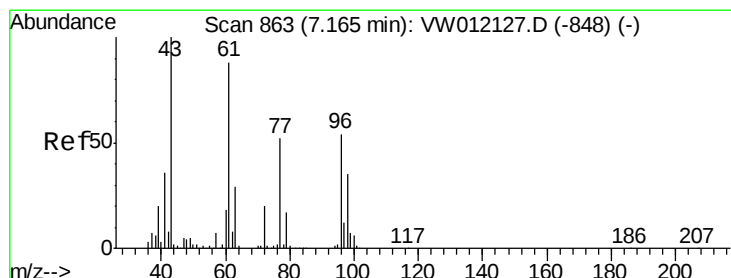
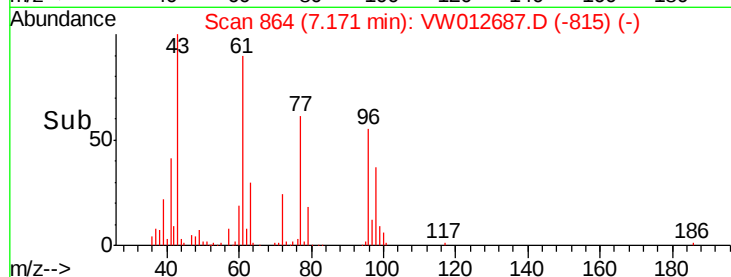
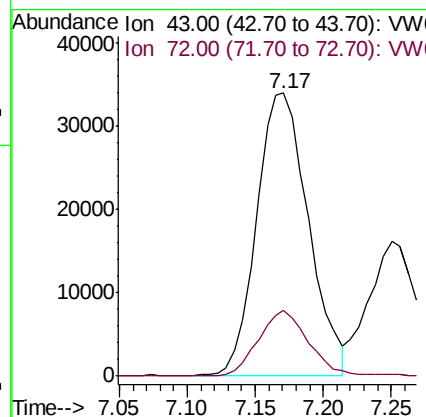
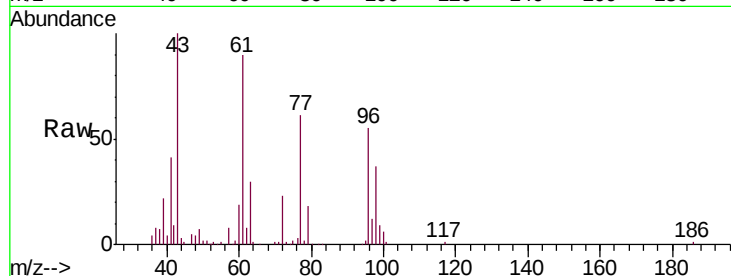
VW0906SBSD02

Tgt Ion: 43 Resp: 90027

Ion Ratio Lower Upper

43 100

72 23.5 16.6 24.8



#26

2,2-Dichloropropane

Concen: 22.990 ug/l

RT: 7.17 min Scan# 864

Delta R.T. 0.01 min

Lab File: VW012687.D

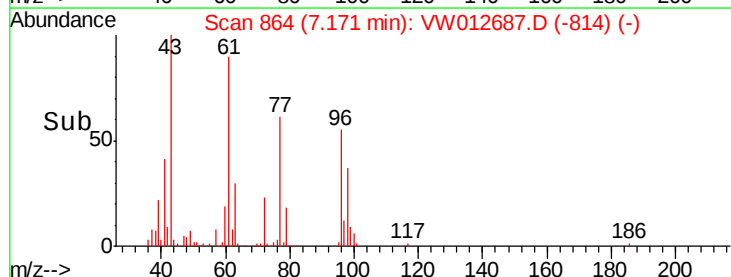
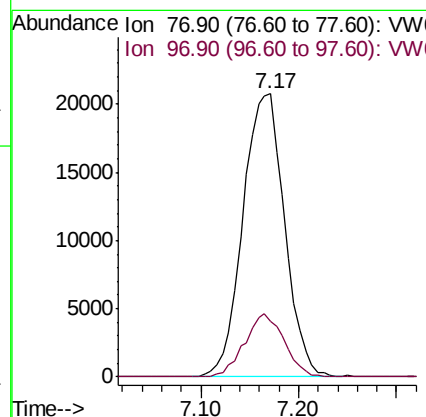
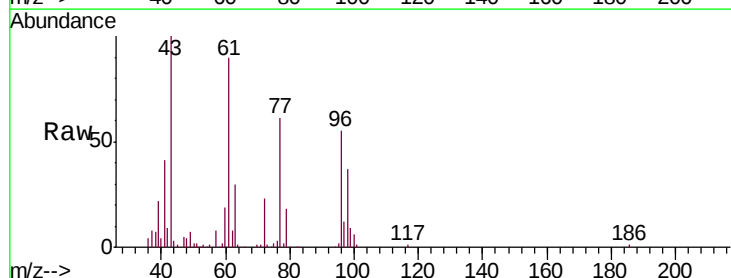
Acq: 06 Sep 2019 13:24

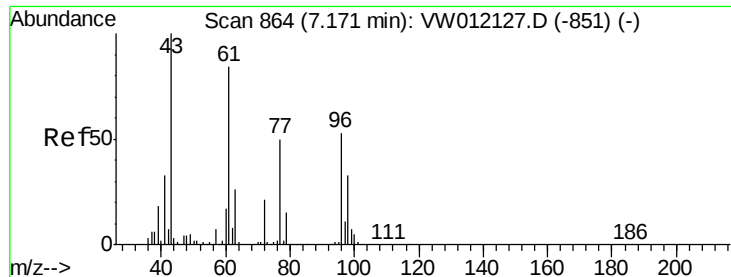
Tgt Ion: 77 Resp: 61470

Ion Ratio Lower Upper

77 100

97 21.2 11.1 33.1



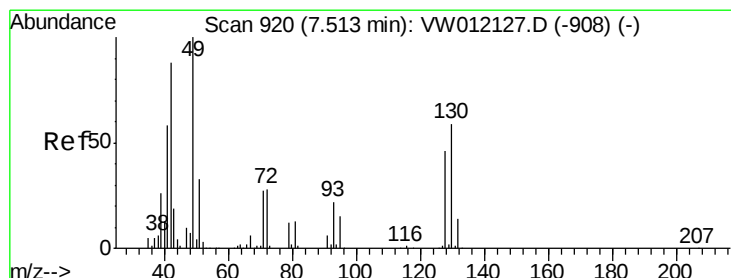
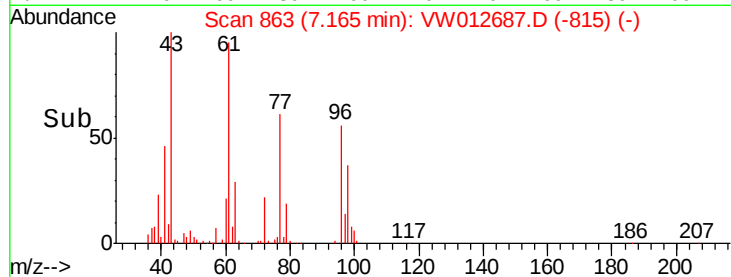
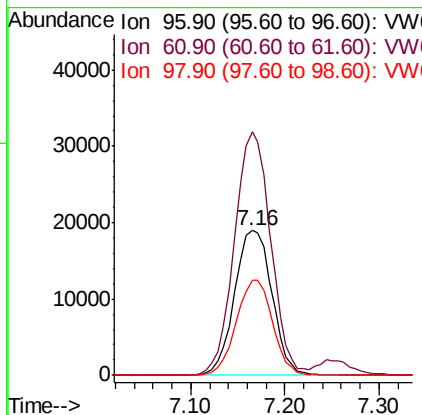
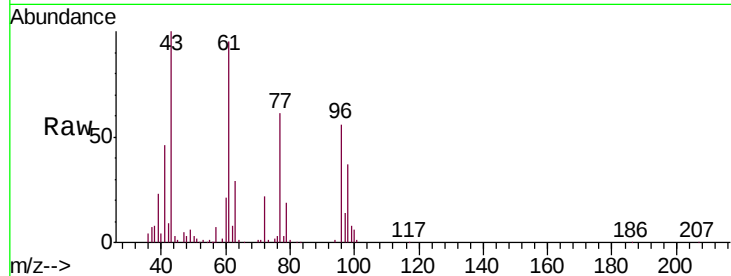


#27

cis-1,2-Dichloroethene
Concen: 20.959 ug/l
RT: 7.16 min Scan# 863
Delta R.T. -0.01 min
Lab File: VW012687.D
Acq: 06 Sep 2019 13:24

Instrument :
MSVOA_W
ClientSampleId :
VW0906SBSD02

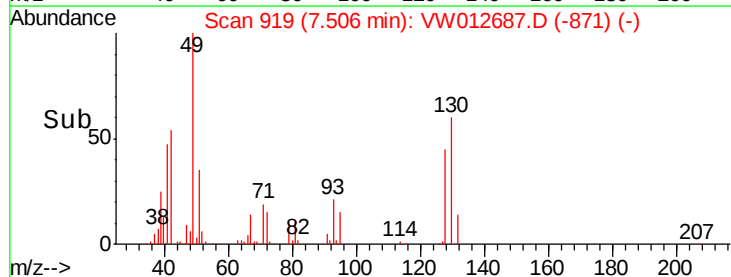
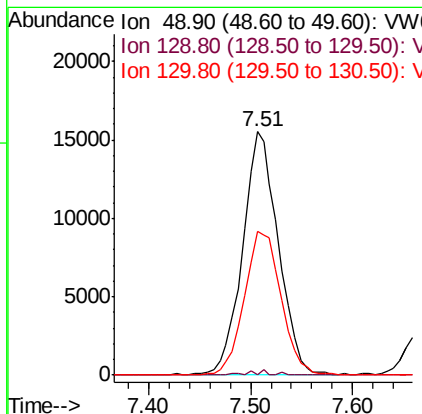
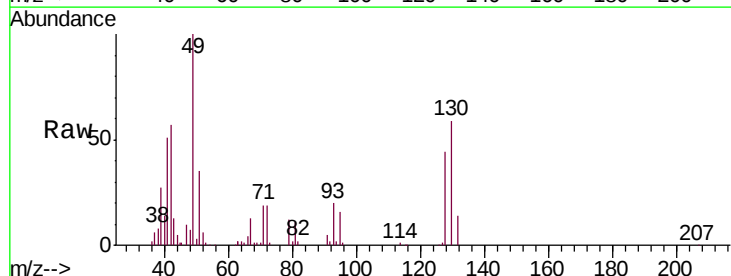
Tgt Ion: 96 Resp: 52573
Ion Ratio Lower Upper
96 100
61 162.6 0.0 326.6
98 63.8 0.0 127.4

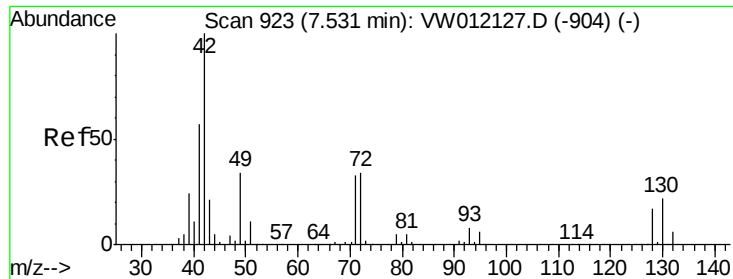


#28

Bromochloromethane
Concen: 18.260 ug/l
RT: 7.51 min Scan# 919
Delta R.T. -0.01 min
Lab File: VW012687.D
Acq: 06 Sep 2019 13:24

Tgt Ion: 49 Resp: 37595
Ion Ratio Lower Upper
49 100
129 0.3 0.0 1.4
130 61.2 45.5 68.3

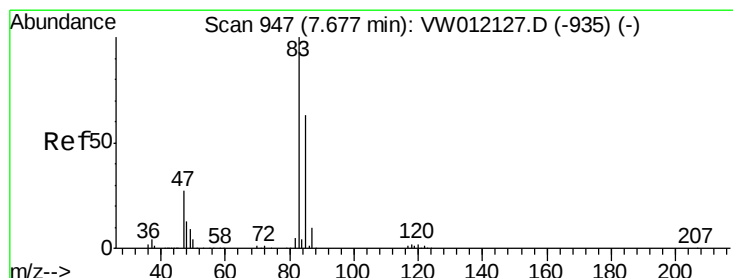
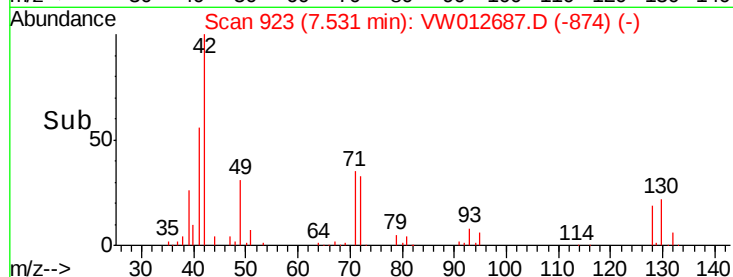
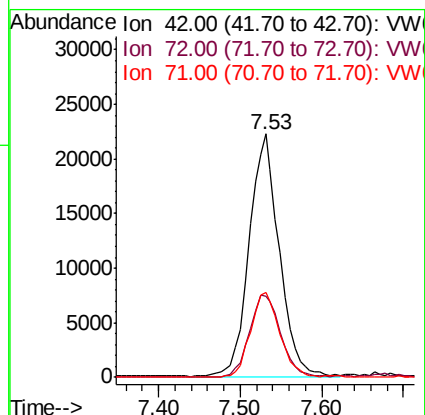
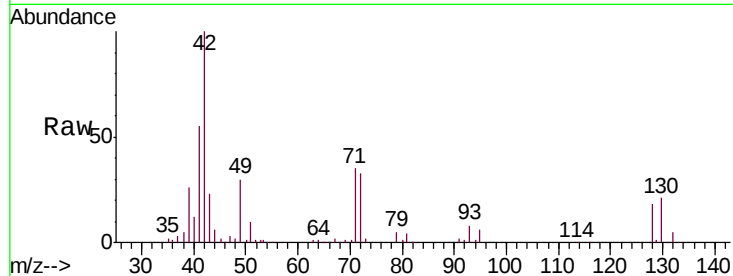




#29
Tetrahydrofuran
Concen: 105.223 ug/l
RT: 7.53 min Scan# 923
Delta R.T. -0.00 min
Lab File: VW012687.D
Acq: 06 Sep 2019 13:24

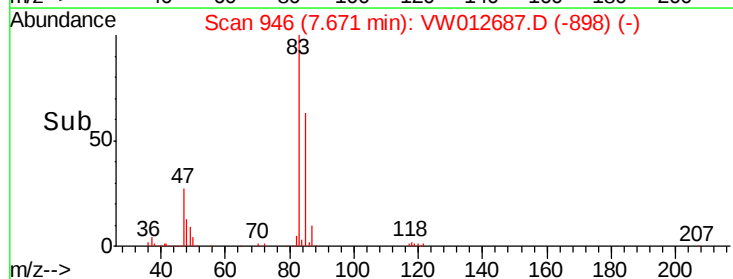
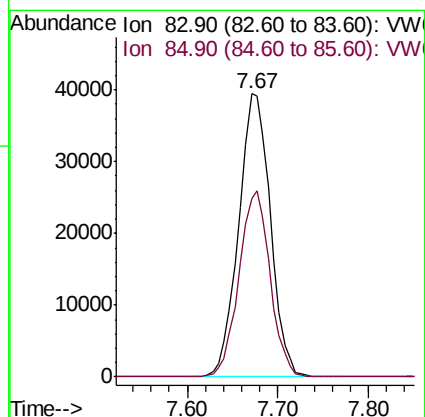
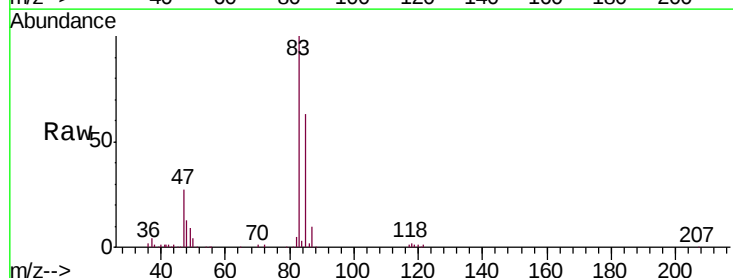
Instrument :
MSVOA_W
ClientSampleId :
VW0906SBSD02

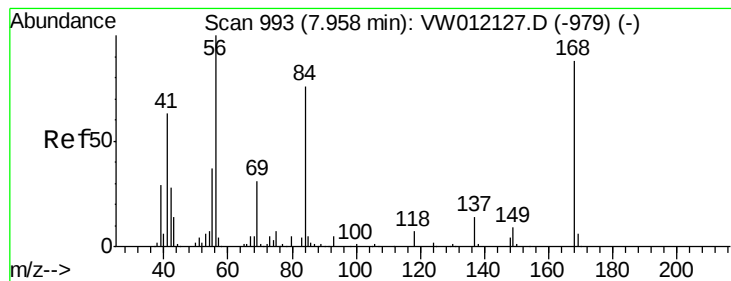
Tgt Ion	Ratio	Lower	Upper
42	100		
72	35.6	27.3	40.9
71	34.4	25.5	38.3



#30
Chloroform
Concen: 22.143 ug/l
RT: 7.67 min Scan# 946
Delta R.T. -0.01 min
Lab File: VW012687.D
Acq: 06 Sep 2019 13:24

Tgt Ion	Ratio	Lower	Upper
83	100		
85	62.8	50.6	76.0





#31

Cyclohexane

Concen: 18.558 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.01 min

Lab File: VW012687.D

Acq: 06 Sep 2019 13:24

Instrument :

MSVOA_W

ClientSampleId :

VW0906SBSD02

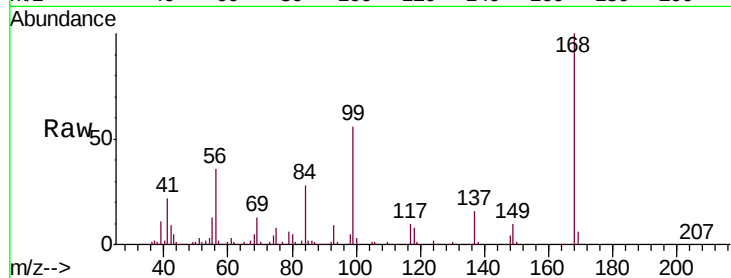
Tgt Ion: 56 Resp: 86732

Ion Ratio Lower Upper

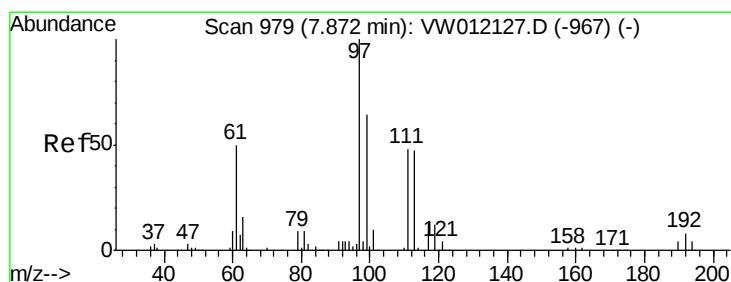
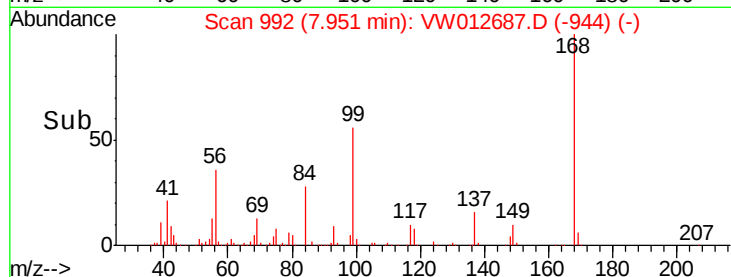
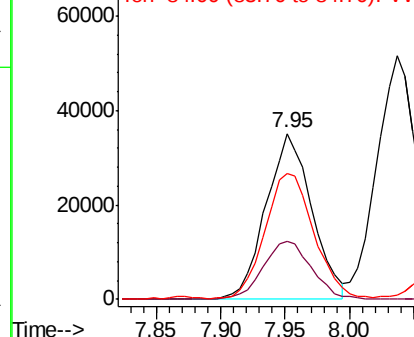
56 100

69 35.2 24.9 37.3

84 74.9 60.6 90.8



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



#32

1,1,1-Trichloroethane

Concen: 22.531 ug/l

RT: 7.87 min Scan# 979

Delta R.T. -0.00 min

Lab File: VW012687.D

Acq: 06 Sep 2019 13:24

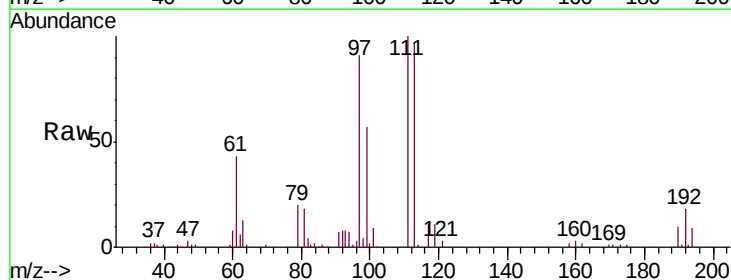
Tgt Ion: 97 Resp: 77031

Ion Ratio Lower Upper

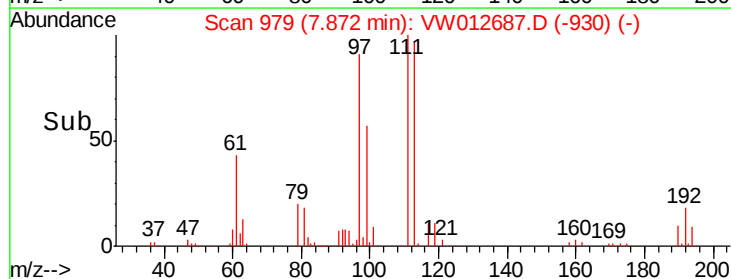
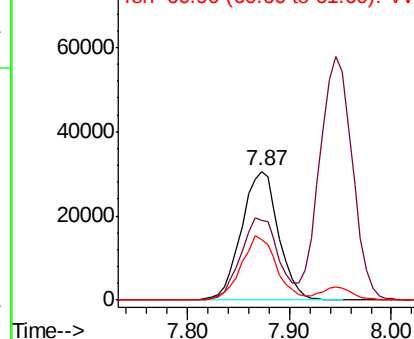
97 100

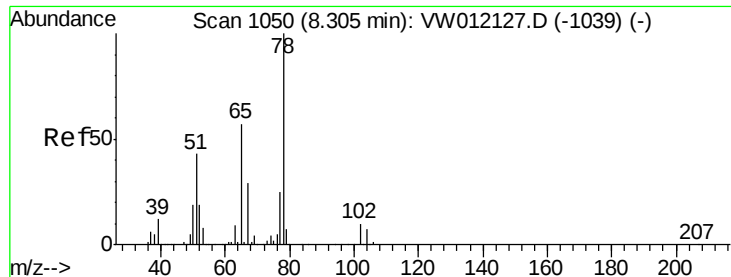
99 64.2 51.4 77.0

61 47.3 39.5 59.3



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





#33

1,2-Dichloroethane-d4

Concen: 46.548 ug/l

RT: 8.31 min Scan# 1050

Delta R.T. -0.00 min

Lab File: VW012687.D

Acq: 06 Sep 2019 13:24

Instrument :

MSVOA_W

ClientSampleId :

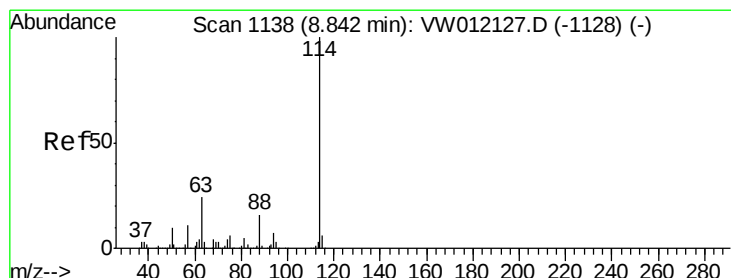
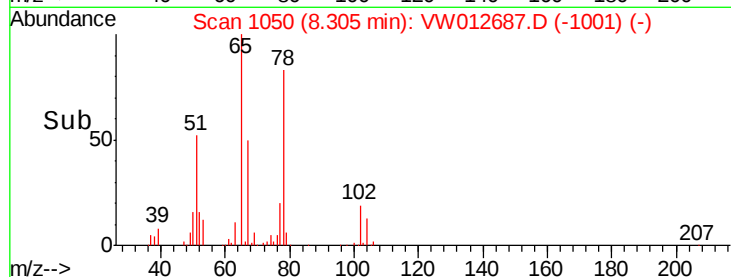
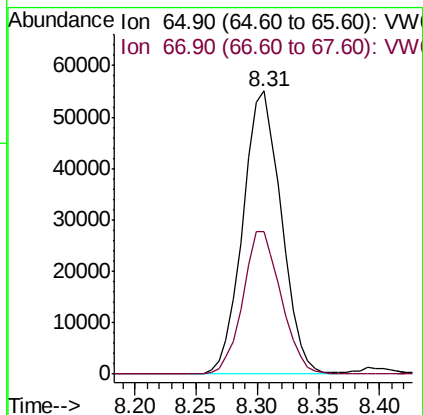
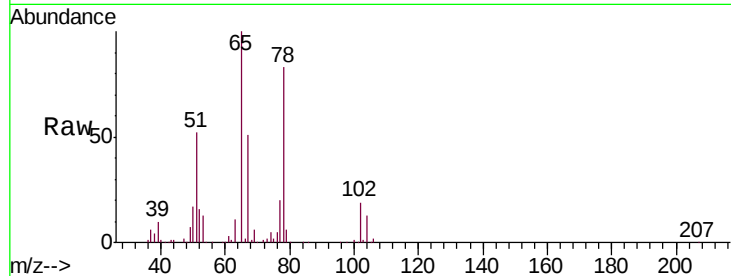
VW0906SBSD02

Tgt Ion: 65 Resp: 120778

Ion Ratio Lower Upper

65 100

67 50.1 0.0 102.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.84 min Scan# 1138

Delta R.T. -0.00 min

Lab File: VW012687.D

Acq: 06 Sep 2019 13:24

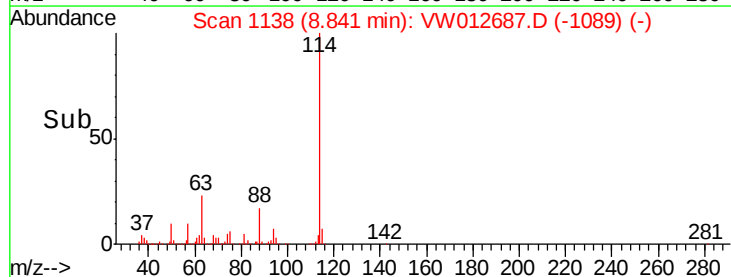
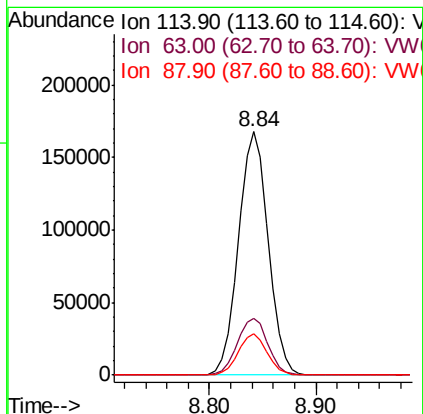
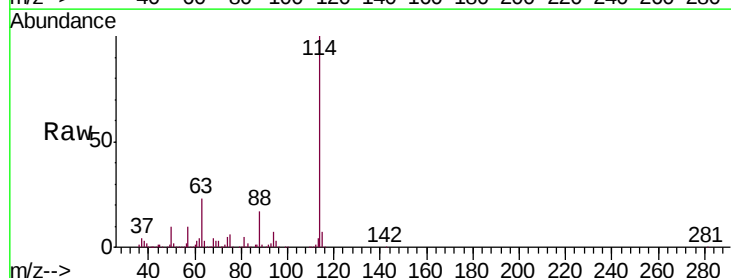
Tgt Ion: 114 Resp: 329823

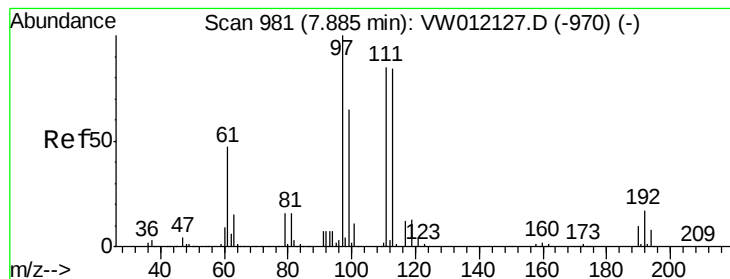
Ion Ratio Lower Upper

114 100

63 23.2 0.0 48.6

88 17.2 0.0 32.2





#35

Dibromofluoromethane

Concen: 48.083 ug/l

RT: 7.88 min Scan# 981

Delta R.T. -0.00 min

Lab File: VW012687.D

Acq: 06 Sep 2019 13:24

Instrument :

MSVOA_W

ClientSampleId :

VW0906SBSD02

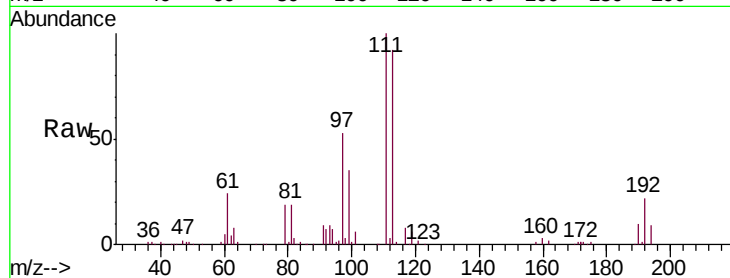
Tgt Ion: 113 Resp: 94663

Ion Ratio Lower Upper

113 100

111 103.5 82.7 124.1

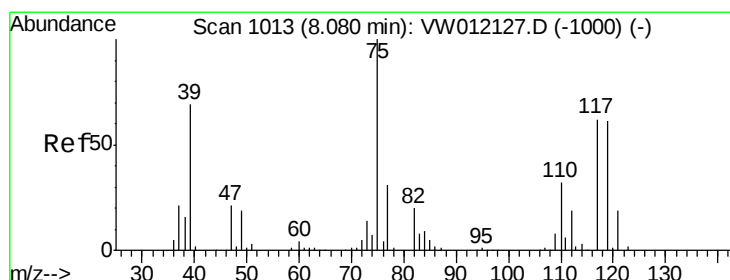
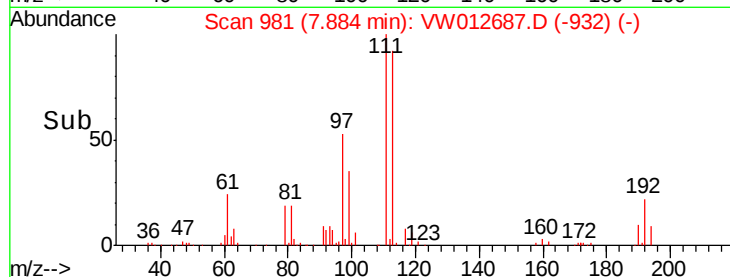
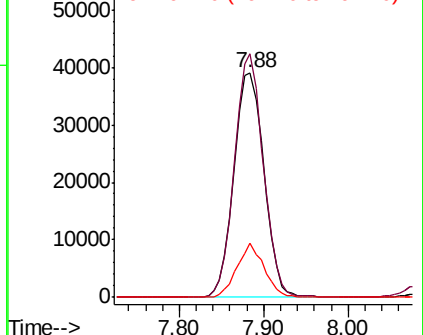
192 21.5 16.2 24.2



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 21.586 ug/l

RT: 8.08 min Scan# 1013

Delta R.T. -0.00 min

Lab File: VW012687.D

Acq: 06 Sep 2019 13:24

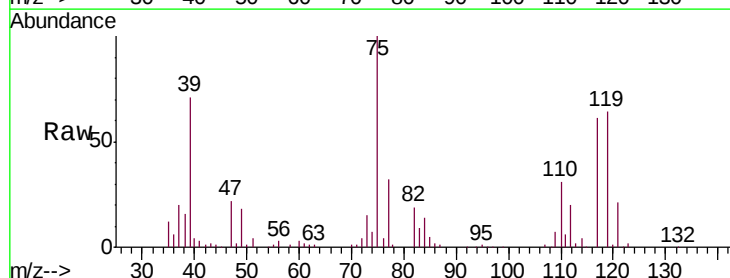
Tgt Ion: 75 Resp: 73574

Ion Ratio Lower Upper

75 100

110 31.3 15.6 46.8

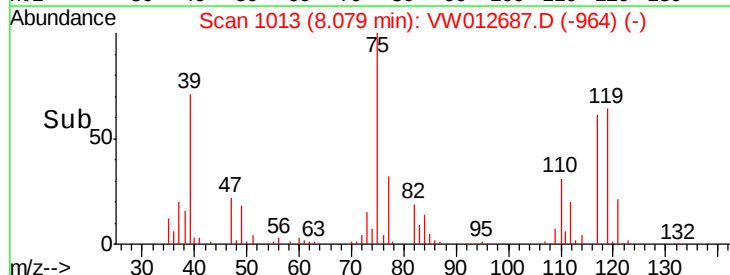
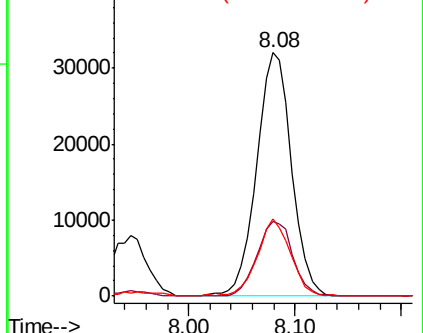
77 30.2 24.6 36.8

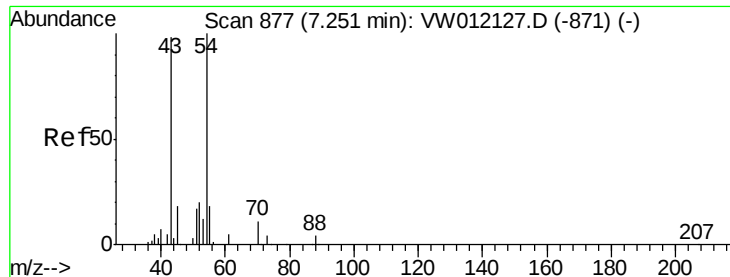


Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VW

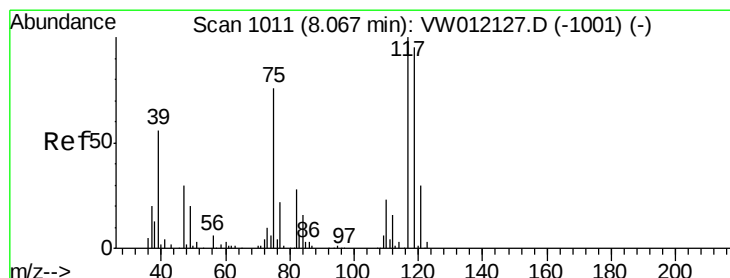
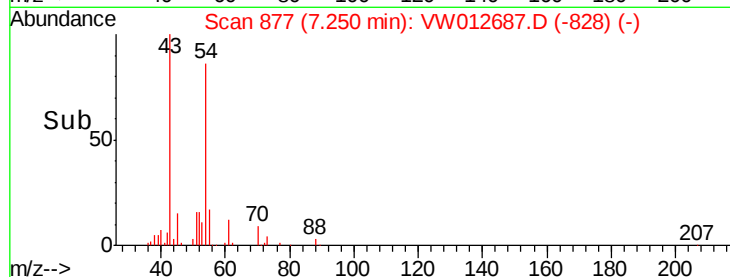
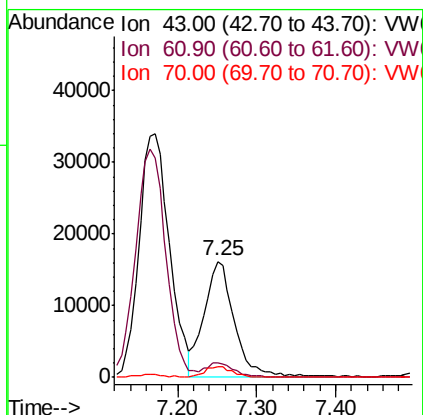
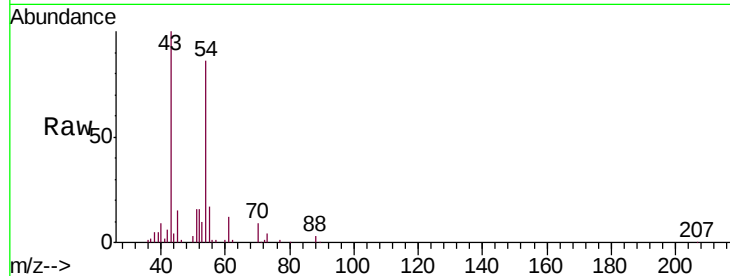




#37
 Ethyl Acetate
 Concen: 22.593 ug/l
 RT: 7.25 min Scan# 877
 Delta R.T. -0.00 min
 Lab File: VW012687.D
 Acq: 06 Sep 2019 13:24

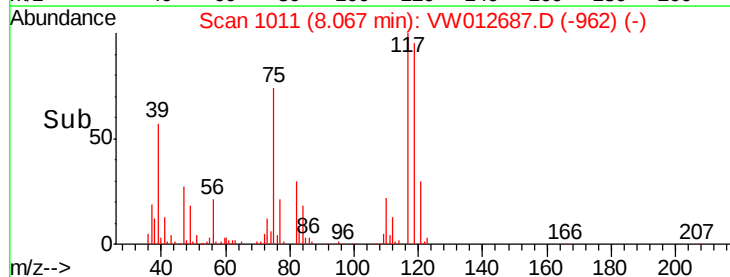
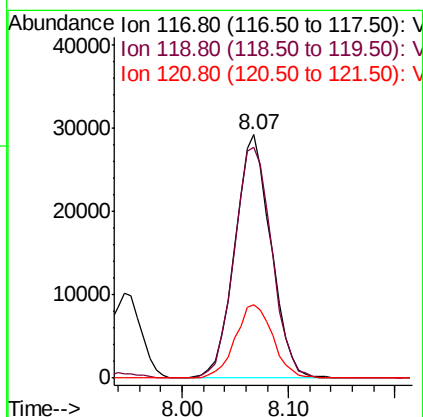
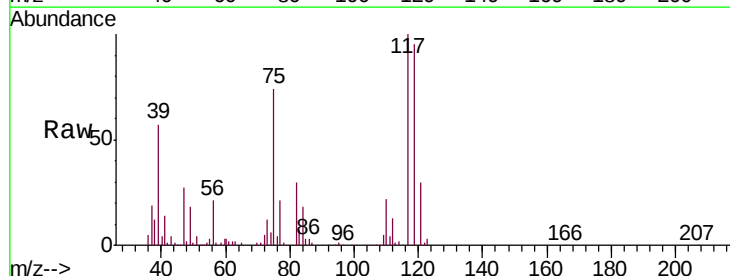
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0906SBSD02

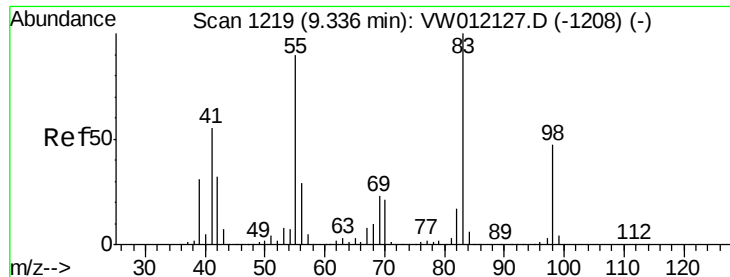
Tgt Ion: 43 Resp: 42197
 Ion Ratio Lower Upper
 43 100
 61 12.1 9.2 13.8
 70 9.0 6.9 10.3



#38
 Carbon Tetrachloride
 Concen: 23.564 ug/l
 RT: 8.07 min Scan# 1011
 Delta R.T. -0.00 min
 Lab File: VW012687.D
 Acq: 06 Sep 2019 13:24

Tgt Ion: 117 Resp: 69514
 Ion Ratio Lower Upper
 117 100
 119 94.7 76.2 114.2
 121 30.4 23.8 35.8

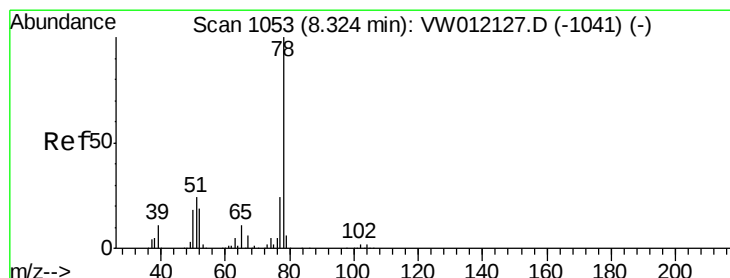
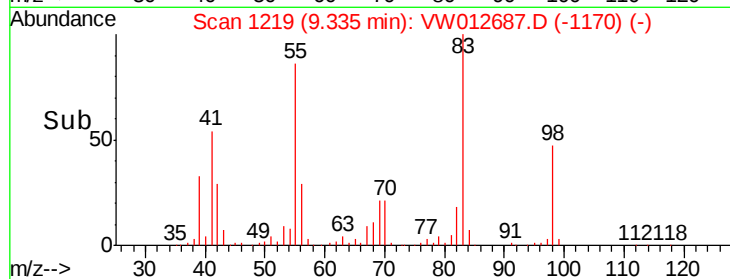
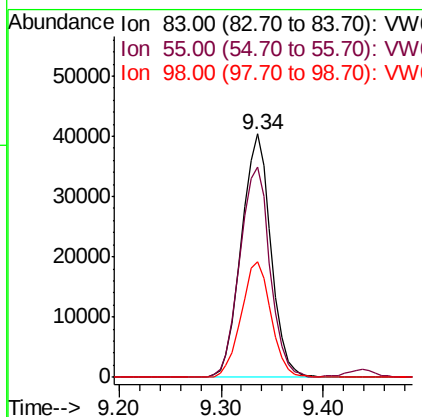
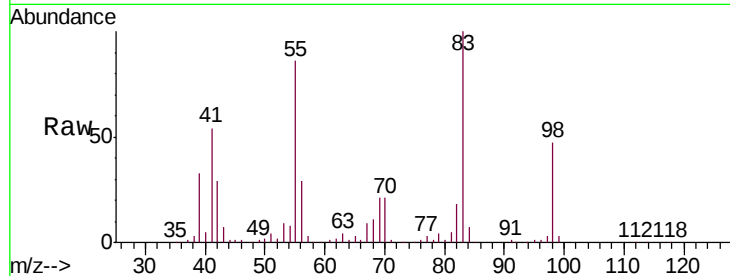




#39
Methylcyclohexane
Concen: 21.236 ug/l
RT: 9.34 min Scan# 1219
Delta R.T. -0.00 min
Lab File: VW012687.D
Acq: 06 Sep 2019 13:24

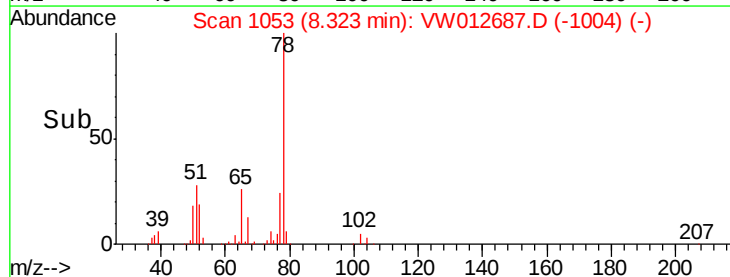
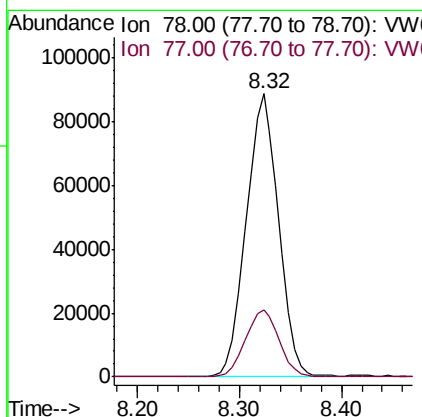
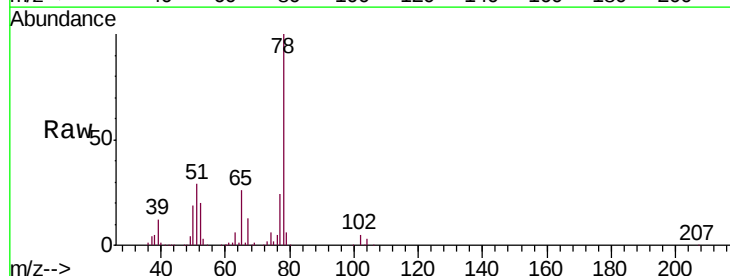
Instrument :
MSVOA_W
ClientSampleId :
VW0906SBSD02

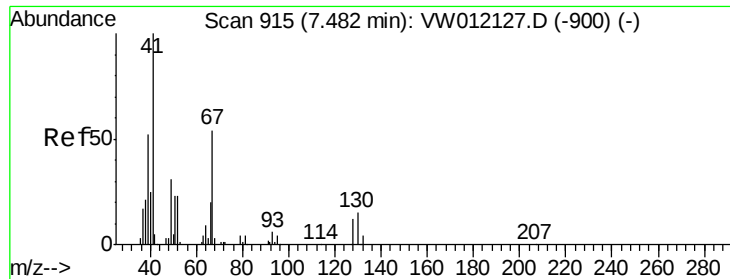
Tgt Ion: 83 Resp: 81314
Ion Ratio Lower Upper
83 100
55 86.4 71.8 107.8
98 47.4 37.8 56.8



#40
Benzene
Concen: 21.010 ug/l
RT: 8.32 min Scan# 1053
Delta R.T. -0.00 min
Lab File: VW012687.D
Acq: 06 Sep 2019 13:24

Tgt Ion: 78 Resp: 195536
Ion Ratio Lower Upper
78 100
77 23.9 19.5 29.3

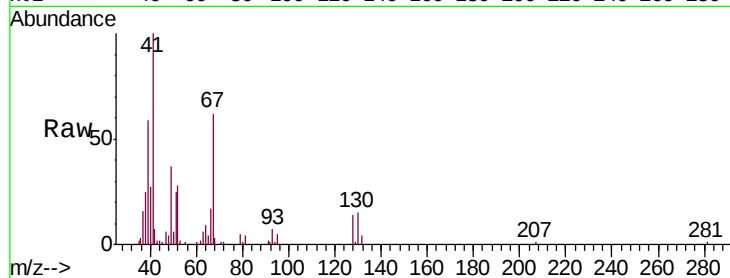




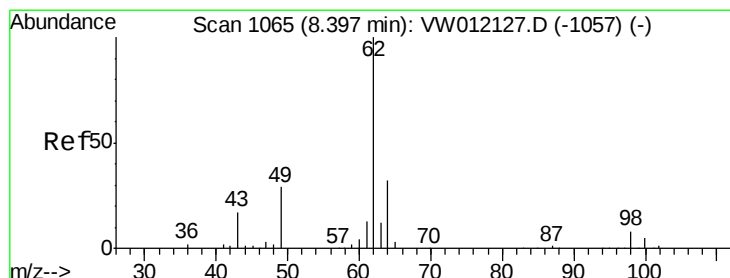
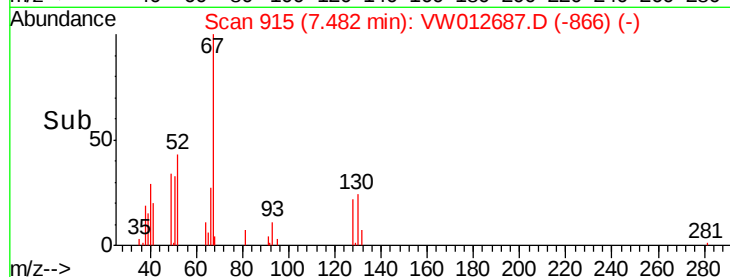
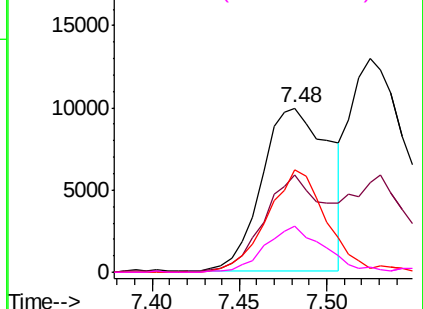
#41
Methacrylonitrile
Concen: 24.575 ug/l
RT: 7.48 min Scan# 915
Delta R.T. -0.00 min
Lab File: VW012687.D
Acq: 06 Sep 2019 13:24

Instrument :
MSVOA_W
ClientSampleId :
VW0906SBSD02

Tgt Ion:	41	Resp:	26977
Ion	Ratio	Lower	Upper
41	100		
39	49.7	45.8	68.8
67	55.4	46.2	69.4
52	24.5	21.0	31.6

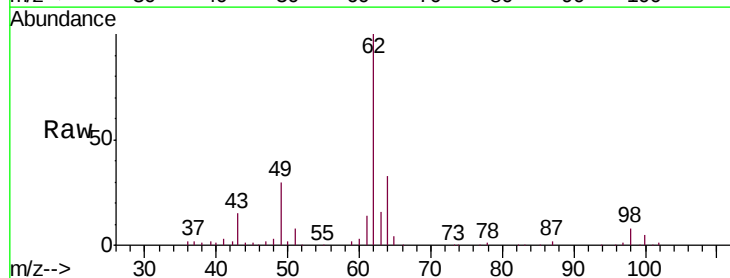


Abundance Ion 41.00 (40.70 to 41.70): VW
Ion 39.00 (38.70 to 39.70): VW
Ion 67.00 (66.70 to 67.70): VW
Ion 52.00 (51.70 to 52.70): VW

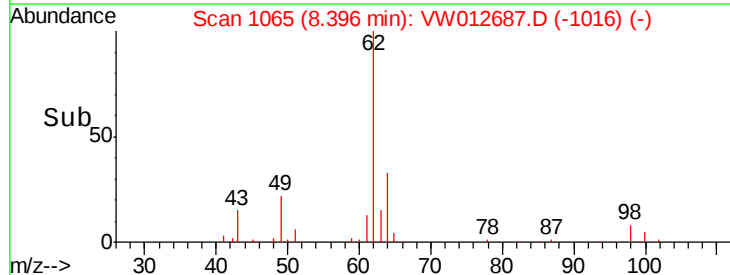
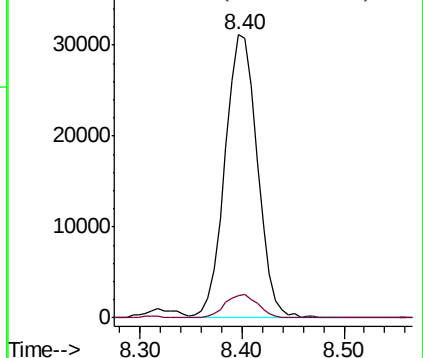


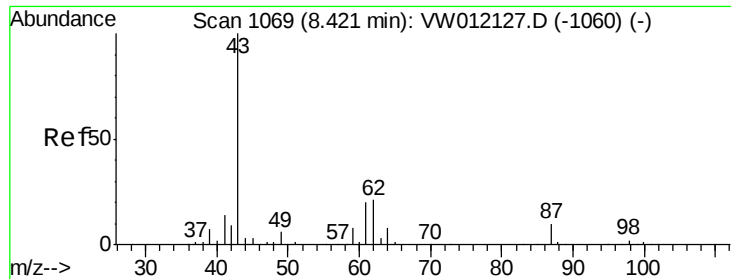
#42
1,2-Dichloroethane
Concen: 23.577 ug/l
RT: 8.40 min Scan# 1065
Delta R.T. -0.00 min
Lab File: VW012687.D
Acq: 06 Sep 2019 13:24

Tgt Ion:	62	Resp:	68770
Ion	Ratio	Lower	Upper
62	100		
98	8.6	0.0	16.6



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

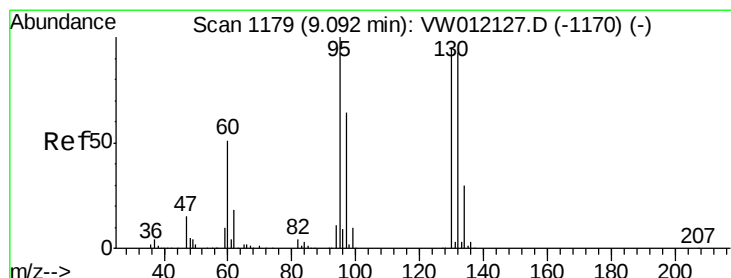
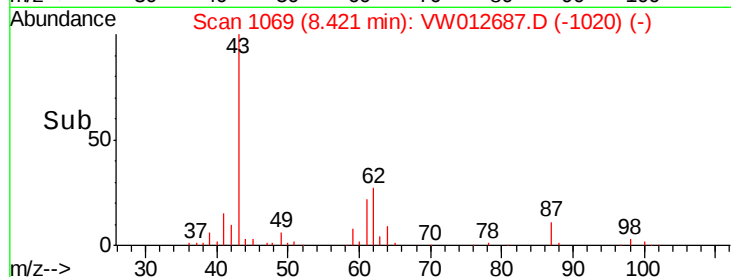
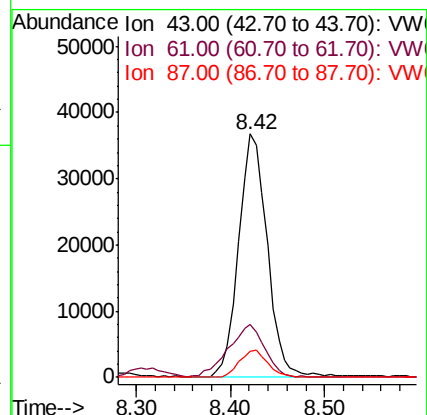
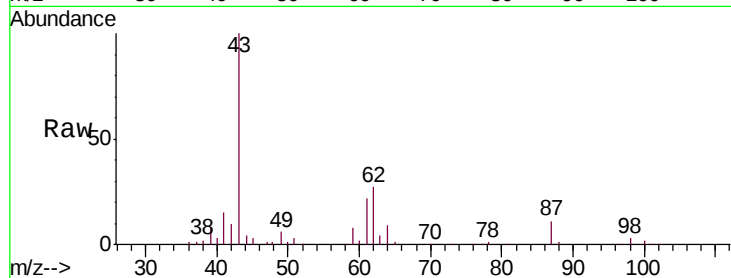




#43
Isopropyl Acetate
Concen: 22.554 ug/l
RT: 8.42 min Scan# 1069
Delta R.T. -0.00 min
Lab File: VW012687.D
Acq: 06 Sep 2019 13:24

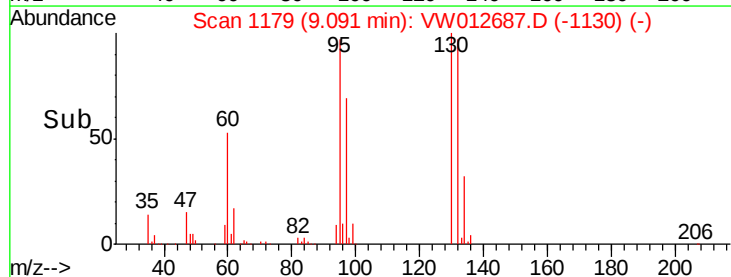
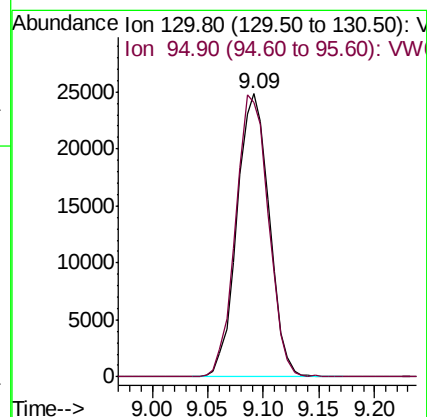
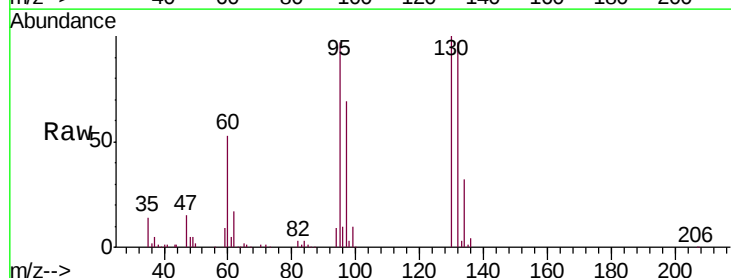
Instrument :
MSVOA_W
ClientSampleId :
VW0906SBSD02

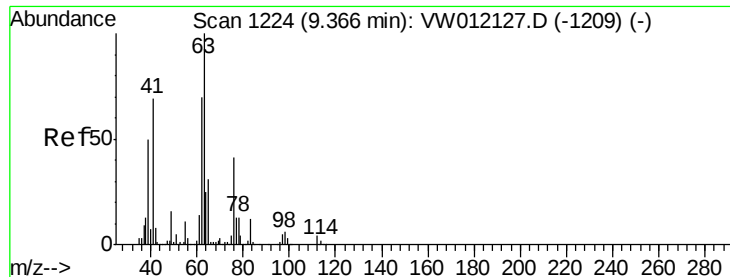
Tgt Ion: 43 Resp: 78028
Ion Ratio Lower Upper
43 100
61 27.4 21.1 31.7
87 10.9 8.2 12.2



#44
Trichloroethene
Concen: 22.082 ug/l
RT: 9.09 min Scan# 1179
Delta R.T. -0.00 min
Lab File: VW012687.D
Acq: 06 Sep 2019 13:24

Tgt Ion: 130 Resp: 49958
Ion Ratio Lower Upper
130 100
95 96.9 0.0 210.6





#45

1,2-Dichloropropane

Concen: 21.622 ug/l

RT: 9.37 min Scan# 1224

Delta R.T. -0.00 min

Lab File: VW012687.D

Acq: 06 Sep 2019 13:24

Instrument :

MSVOA_W

ClientSampleId :

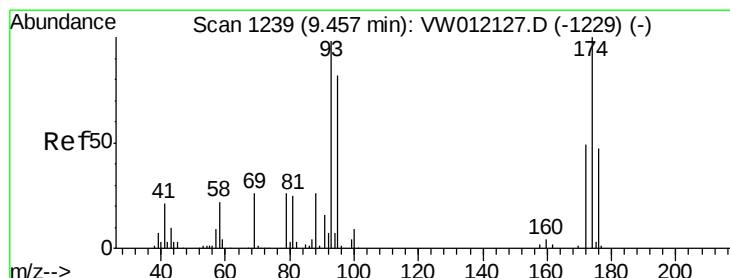
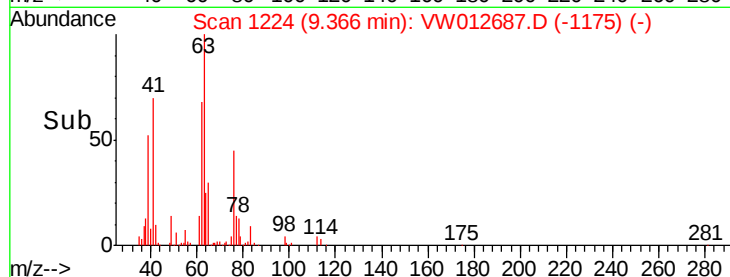
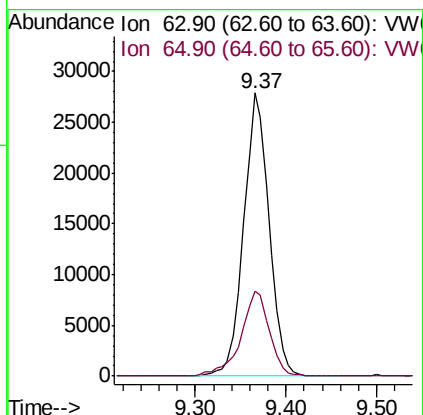
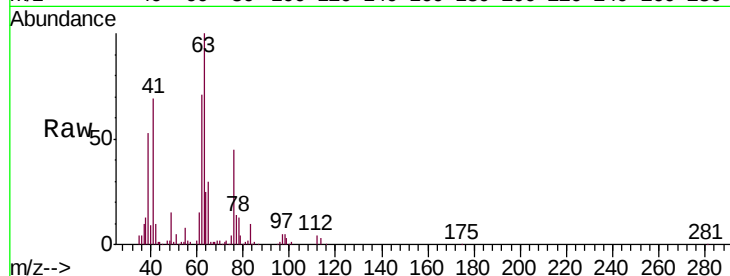
VW0906SBSD02

Tgt Ion: 63 Resp: 54157

Ion Ratio Lower Upper

63 100

65 30.1 25.0 37.4



#46

Dibromomethane

Concen: 22.949 ug/l

RT: 9.46 min Scan# 1239

Delta R.T. -0.00 min

Lab File: VW012687.D

Acq: 06 Sep 2019 13:24

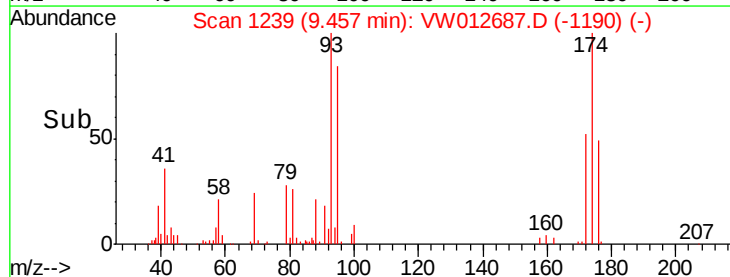
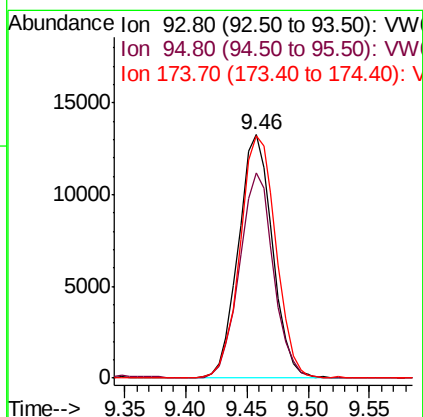
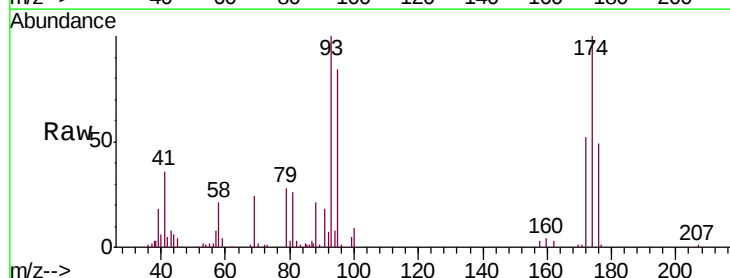
Tgt Ion: 93 Resp: 25575

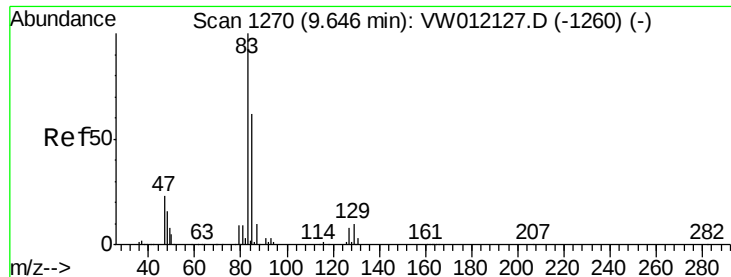
Ion Ratio Lower Upper

93 100

95 84.3 67.2 100.8

174 105.2 79.0 118.6





#47

Bromodichloromethane

Concen: 23.403 ug/l

RT: 9.65 min Scan# 1270

Delta R.T. -0.00 min

Lab File: VW012687.D

Acq: 06 Sep 2019 13:24

Instrument :

MSVOA_W

ClientSampleId :

VW0906SBSD02

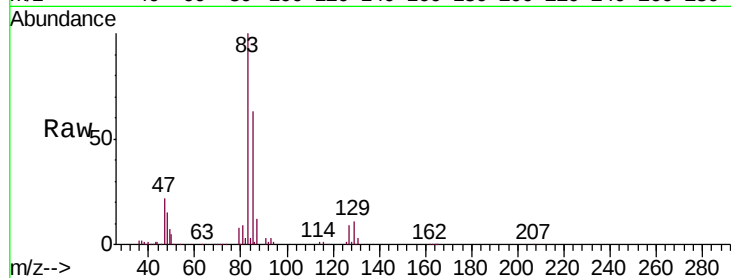
Tgt Ion: 83 Resp: 69411

Ion Ratio Lower Upper

83 100

85 62.7 49.4 74.2

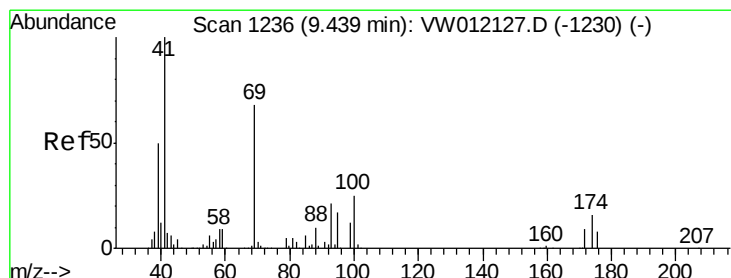
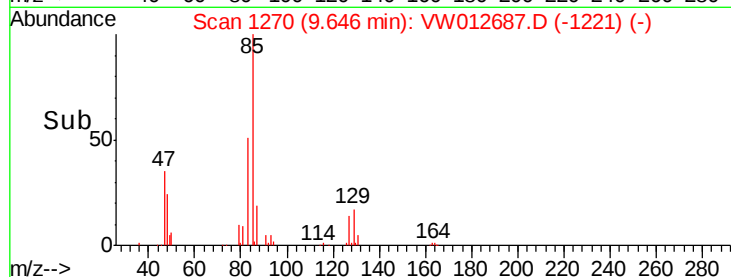
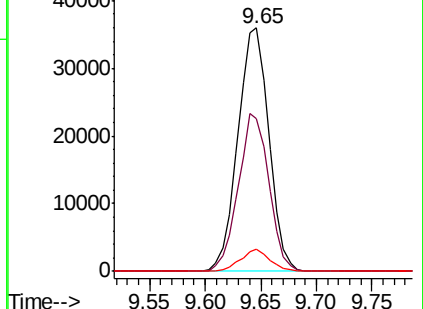
127 9.0 6.1 9.1



Abundance Ion 82.90 (82.60 to 83.60): VW

Ion 84.90 (84.60 to 85.60): VW

Ion 126.80 (126.50 to 127.50): VW



#48

Methyl methacrylate

Concen: 22.925 ug/l

RT: 9.43 min Scan# 1235

Delta R.T. -0.01 min

Lab File: VW012687.D

Acq: 06 Sep 2019 13:24

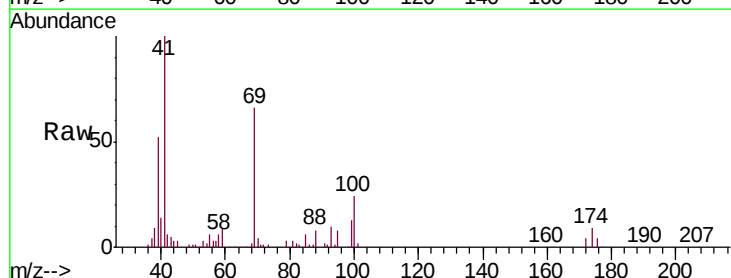
Tgt Ion: 41 Resp: 37749

Ion Ratio Lower Upper

41 100

69 73.7 56.7 85.1

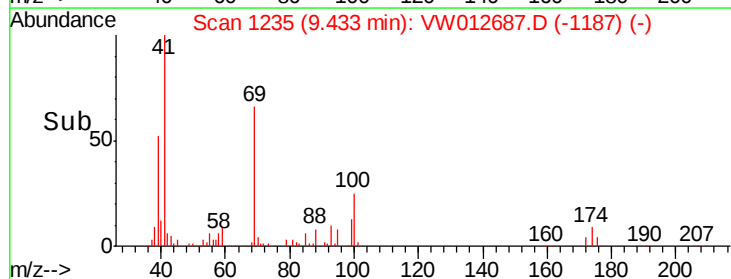
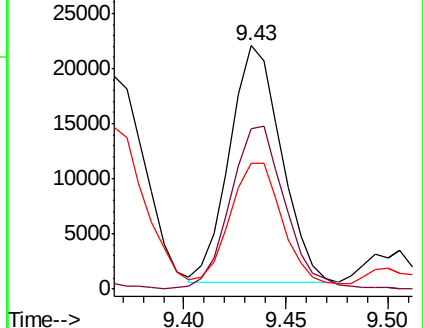
39 55.6 42.0 63.0

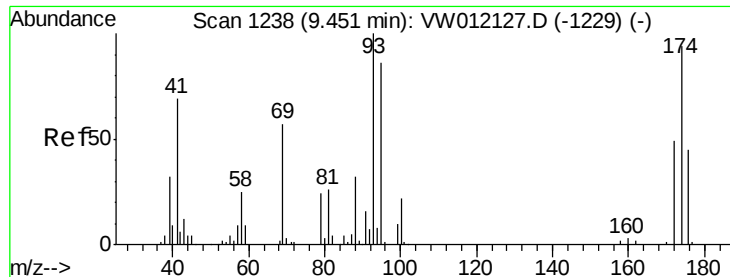


Abundance Ion 41.00 (40.70 to 41.70): VW

Ion 69.00 (68.70 to 69.70): VW

Ion 39.00 (38.70 to 39.70): VW

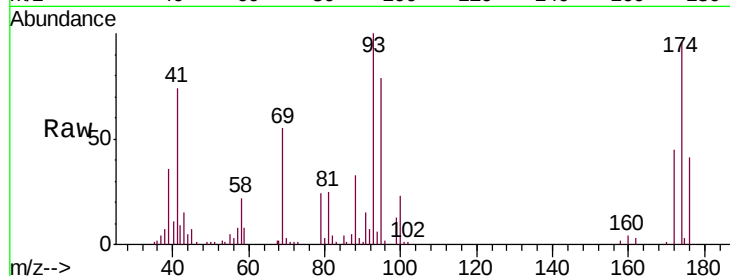




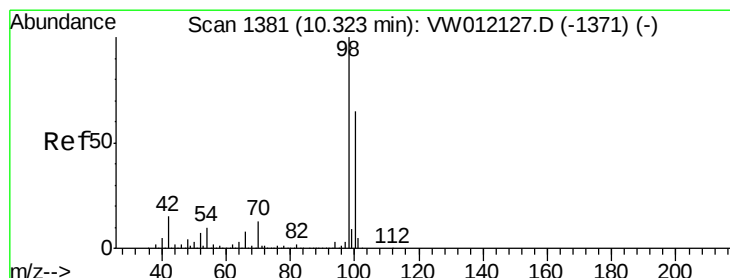
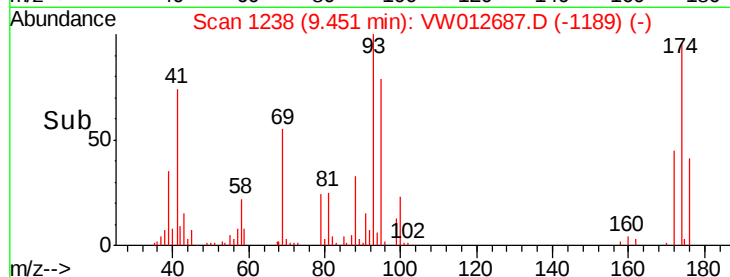
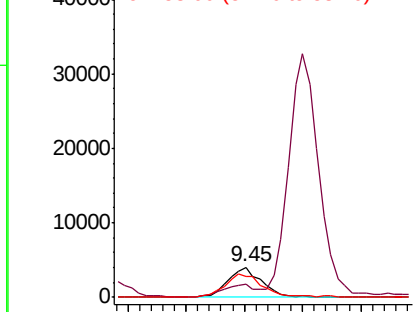
#49
1,4-Dioxane
Concen: 470.736 ug/l
RT: 9.45 min Scan# 1238
Delta R.T. -0.00 min
Lab File: VW012687.D
Acq: 06 Sep 2019 13:24

Instrument :
MSVOA_W
ClientSampleId :
VW0906SBSD02

Tgt Ion: 88 Resp: 8031
Ion Ratio Lower Upper
88 100
43 38.9 32.9 49.3
58 82.5 71.0 106.4

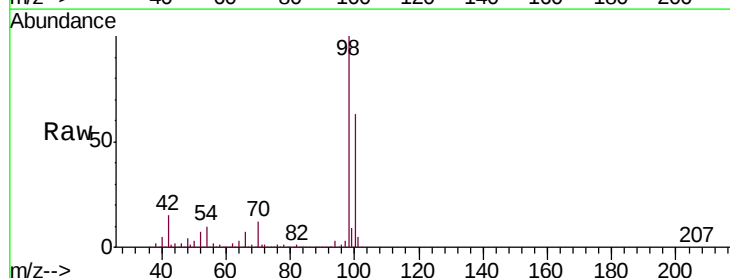


Abundance Ion 88.00 (87.70 to 88.70): VW
Ion 43.00 (42.70 to 43.70): VW
Ion 58.00 (57.70 to 58.70): VW

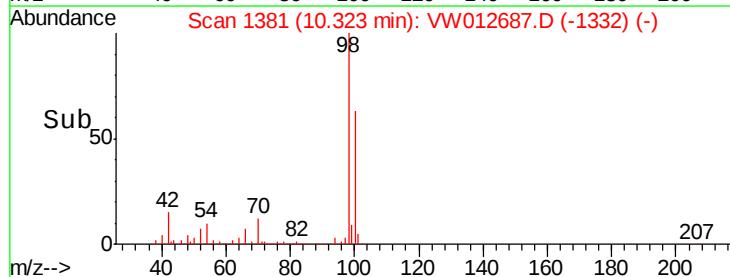
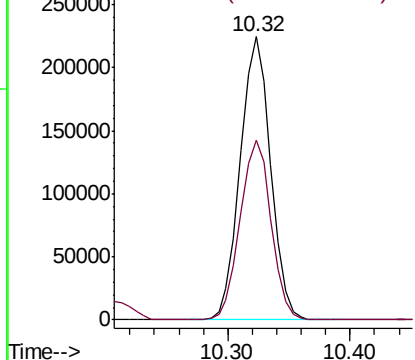


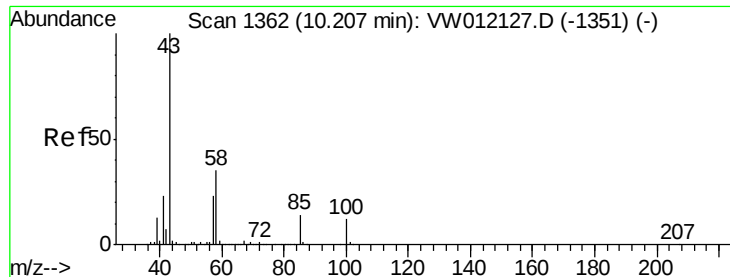
#50
Toluene-d8
Concen: 48.563 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. -0.00 min
Lab File: VW012687.D
Acq: 06 Sep 2019 13:24

Tgt Ion: 98 Resp: 387657
Ion Ratio Lower Upper
98 100
100 64.6 52.4 78.6



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





#51

4-Methyl-2-Pentanone

Concen: 116.089 ug/l

RT: 10.21 min Scan# 1362

Delta R.T. -0.00 min

Lab File: VW012687.D

Acq: 06 Sep 2019 13:24

Instrument :

MSVOA_W

ClientSampleId :

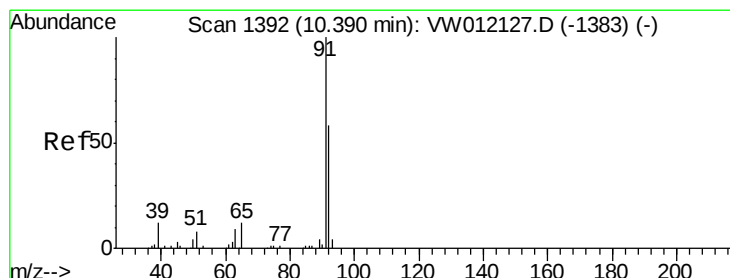
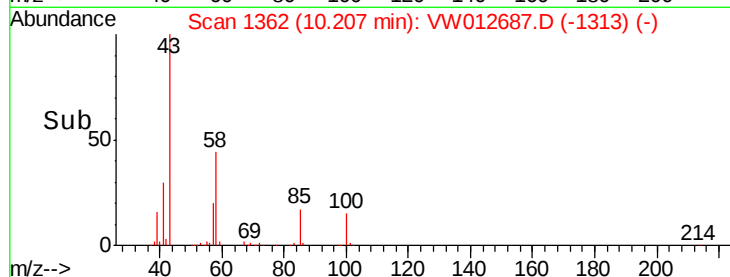
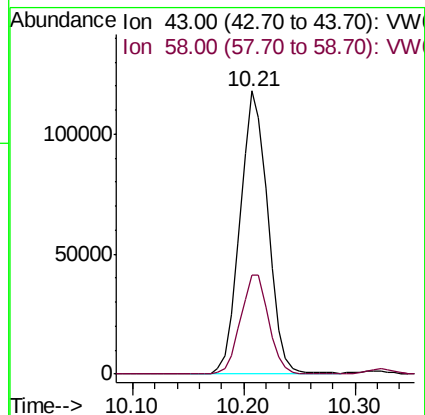
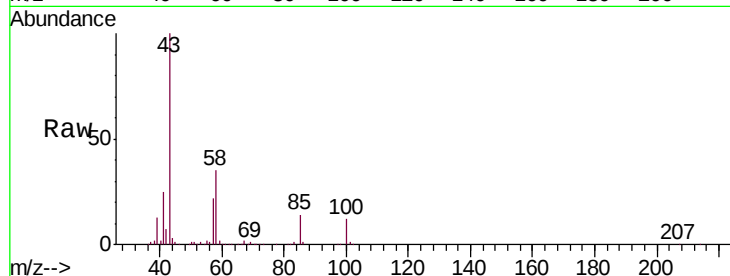
VW0906SBSD02

Tgt Ion: 43 Resp: 204277

Ion Ratio Lower Upper

43 100

58 35.7 28.2 42.2



#52

Toluene

Concen: 22.824 ug/l

RT: 10.38 min Scan# 1391

Delta R.T. -0.01 min

Lab File: VW012687.D

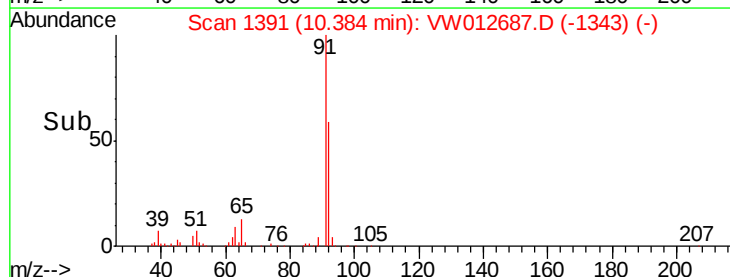
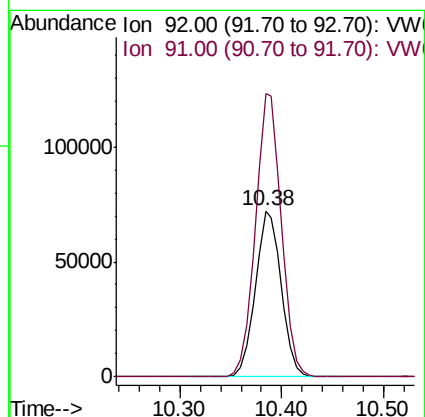
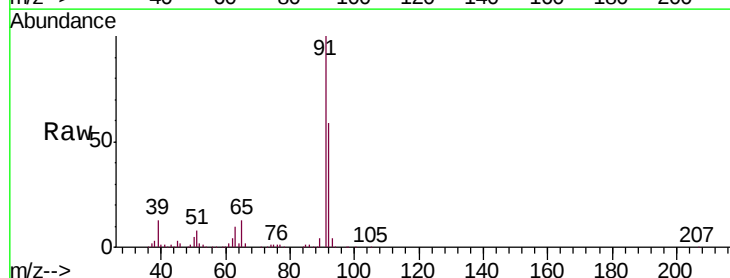
Acq: 06 Sep 2019 13:24

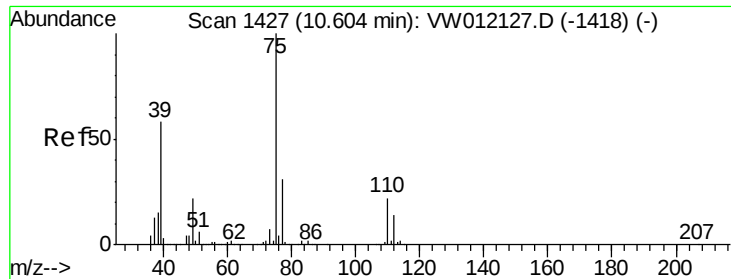
Tgt Ion: 92 Resp: 127607

Ion Ratio Lower Upper

92 100

91 171.0 136.6 204.8

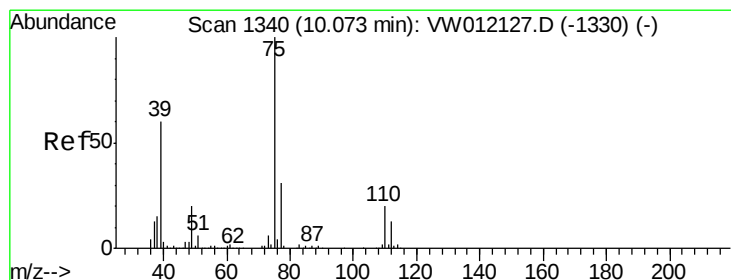
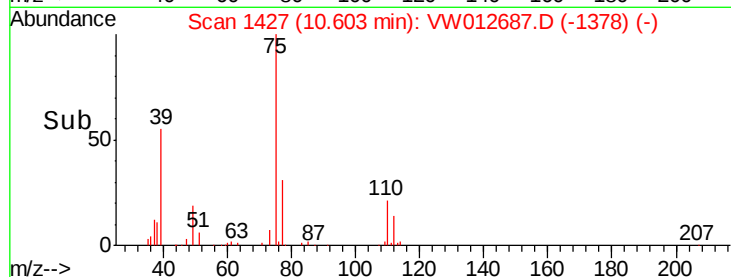
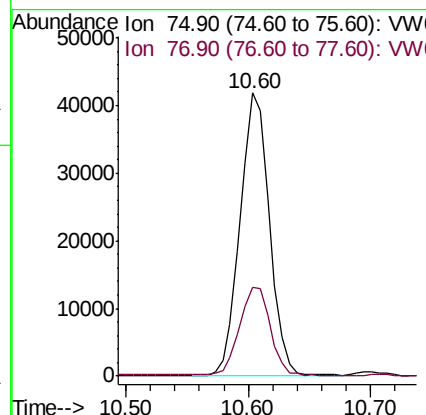
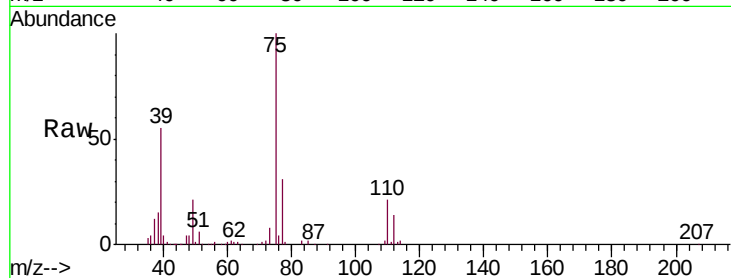




#53
 t-1,3-Dichloropropene
 Concen: 23.075 ug/l
 RT: 10.60 min Scan# 1427
 Delta R.T. -0.00 min
 Lab File: VW012687.D
 Acq: 06 Sep 2019 13:24

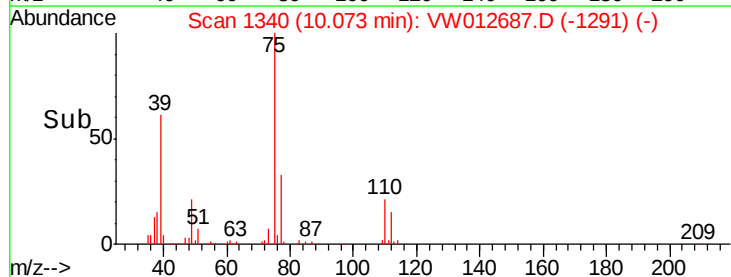
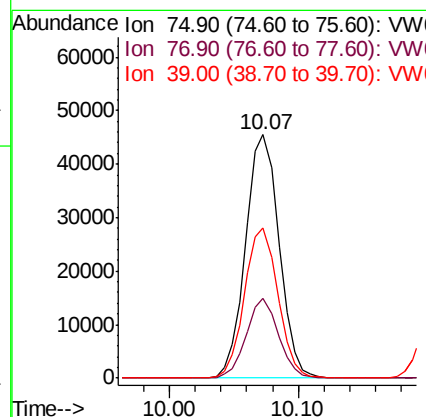
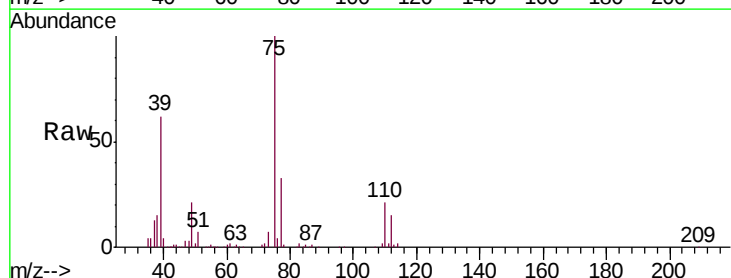
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0906SBSD02

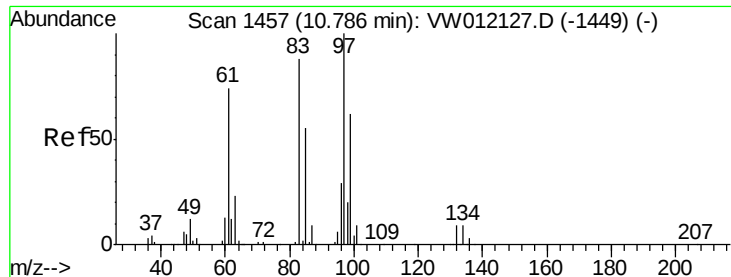
Tgt Ion: 75 Resp: 69714
 Ion Ratio Lower Upper
 75 100
 77 31.1 25.0 37.4



#54
 cis-1,3-Dichloropropene
 Concen: 22.437 ug/l
 RT: 10.07 min Scan# 1340
 Delta R.T. -0.00 min
 Lab File: VW012687.D
 Acq: 06 Sep 2019 13:24

Tgt Ion: 75 Resp: 81849
 Ion Ratio Lower Upper
 75 100
 77 32.5 25.1 37.7
 39 61.6 48.3 72.5

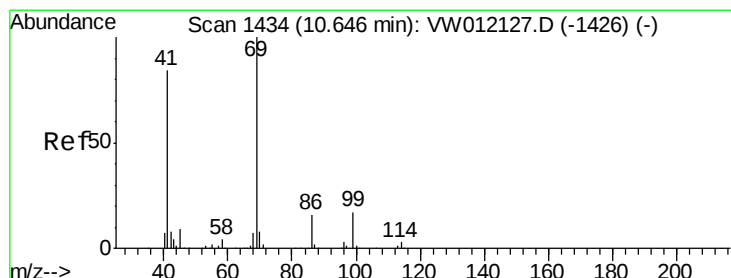
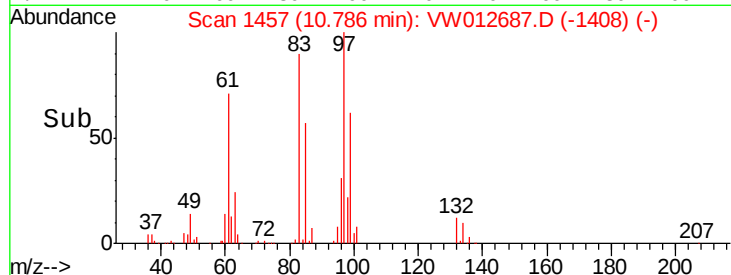
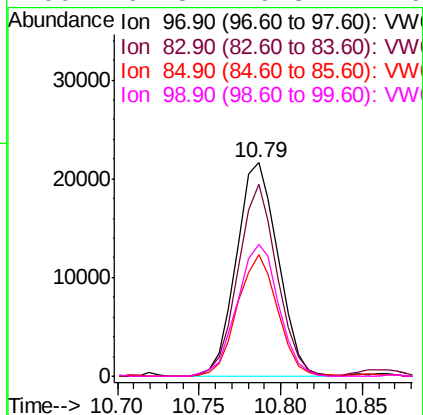
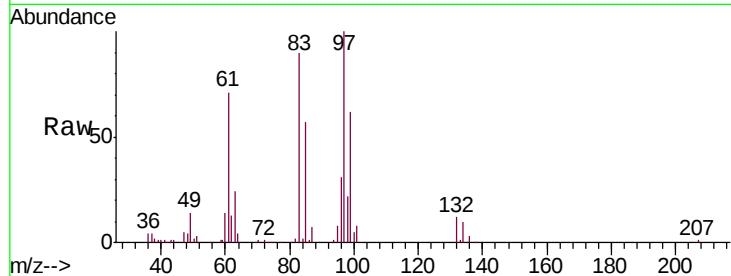




#55
 1,1,2-Trichloroethane
 Concen: 24.321 ug/l
 RT: 10.79 min Scan# 1457
 Delta R.T. -0.00 min
 Lab File: VW012687.D
 Acq: 06 Sep 2019 13:24

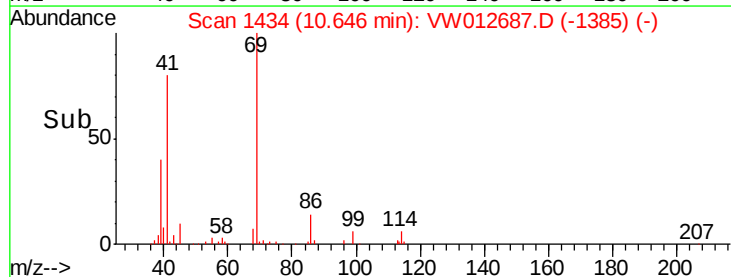
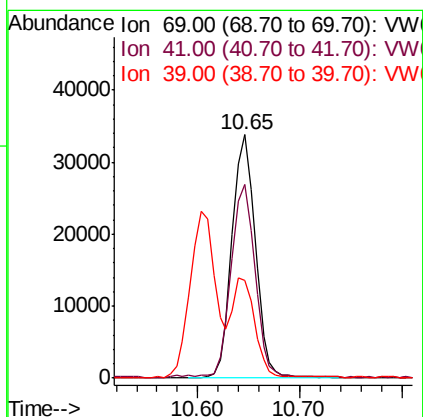
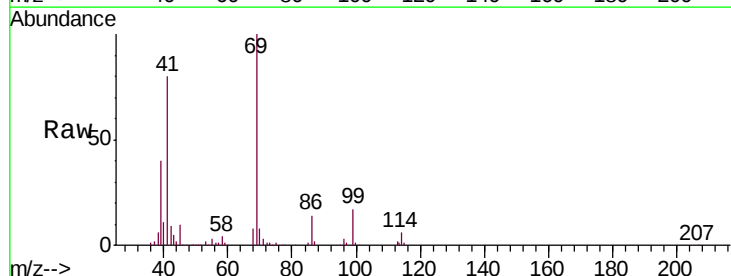
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0906SBSD02

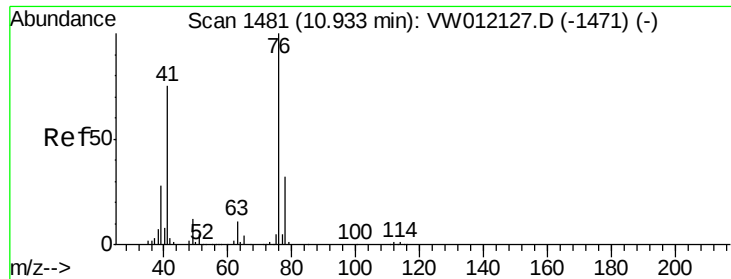
Tgt Ion:	97	Resp:	38348
Ion	Ratio	Lower	Upper
97	100		
83	90.0	70.8	106.2
85	56.6	43.8	65.8
99	61.8	49.8	74.6



#56
 Ethyl methacrylate
 Concen: 23.442 ug/l
 RT: 10.65 min Scan# 1434
 Delta R.T. -0.00 min
 Lab File: VW012687.D
 Acq: 06 Sep 2019 13:24

Tgt Ion:	69	Resp:	53795
Ion	Ratio	Lower	Upper
69	100		
41	80.4	66.5	99.7
39	38.2	31.0	46.4

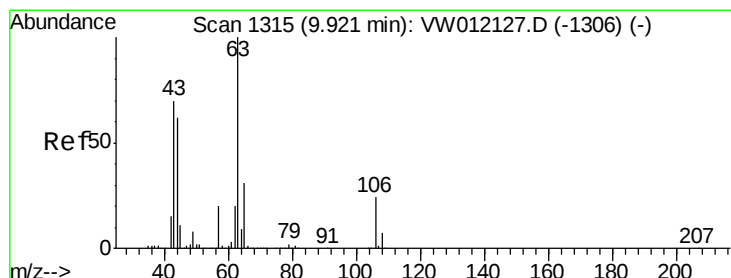
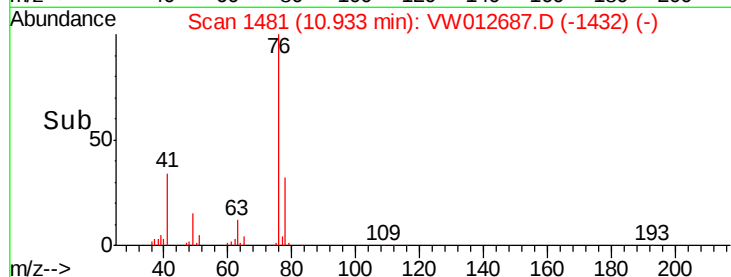
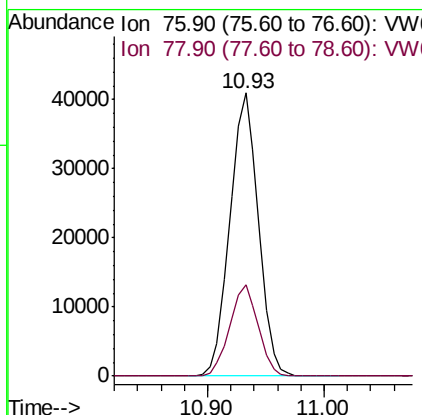
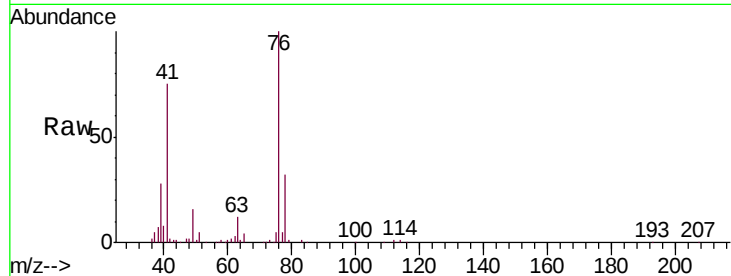




#57
 1,3-Dichloropropane
 Concen: 23.416 ug/l
 RT: 10.93 min Scan# 1481
 Delta R.T. -0.00 min
 Lab File: VW012687.D
 Acq: 06 Sep 2019 13:24

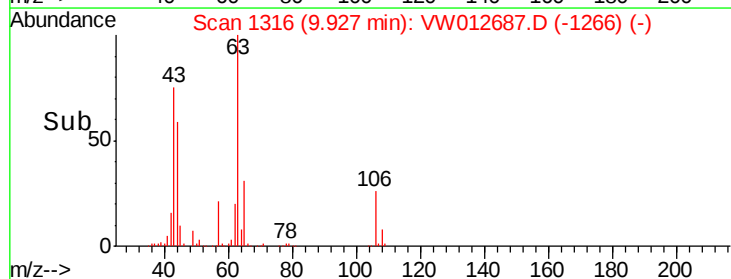
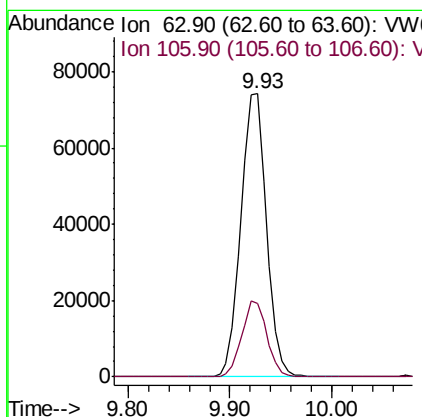
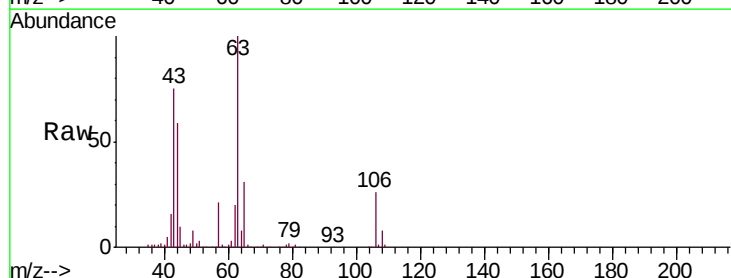
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0906SBS02

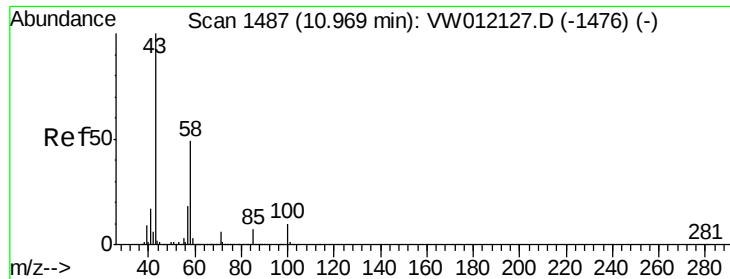
Tgt Ion: 76 Resp: 69773
 Ion Ratio Lower Upper
 76 100
 78 32.0 25.8 38.8



#58
 2-Chloroethyl Vinyl ether
 Concen: 109.855 ug/l
 RT: 9.93 min Scan# 1316
 Delta R.T. 0.01 min
 Lab File: VW012687.D
 Acq: 06 Sep 2019 13:24

Tgt Ion: 63 Resp: 129383
 Ion Ratio Lower Upper
 63 100
 106 26.3 19.8 29.8

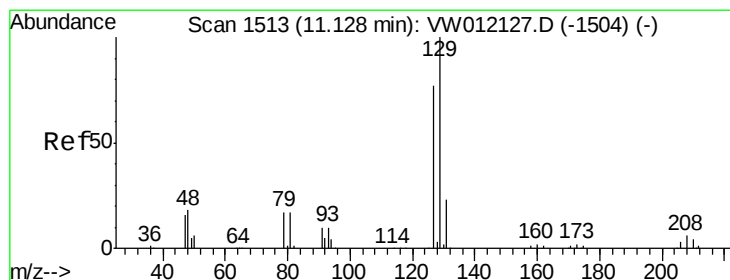
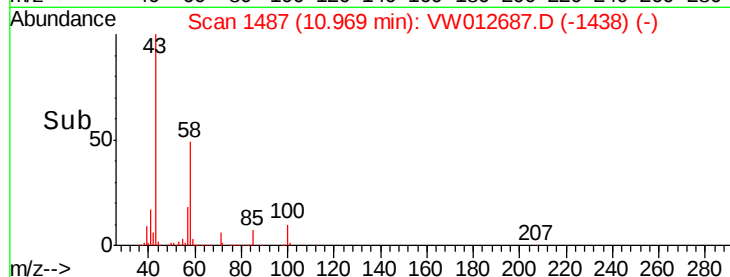
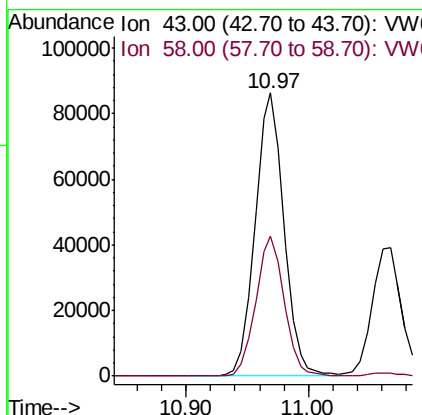
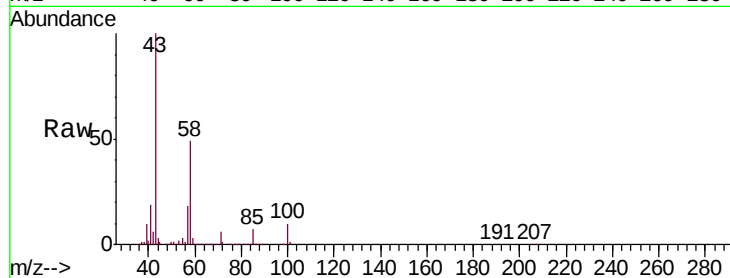




#59
2-Hexanone
Concen: 113.993 ug/l
RT: 10.97 min Scan# 1487
Delta R.T. -0.00 min
Lab File: VW012687.D
Acq: 06 Sep 2019 13:24

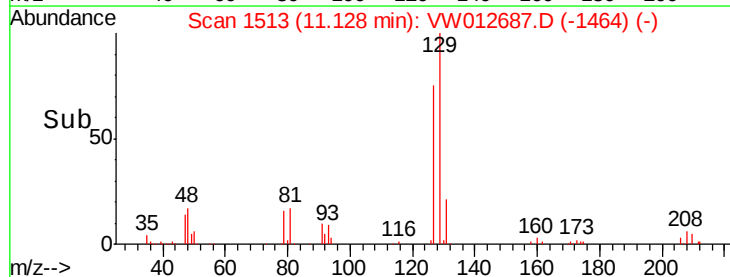
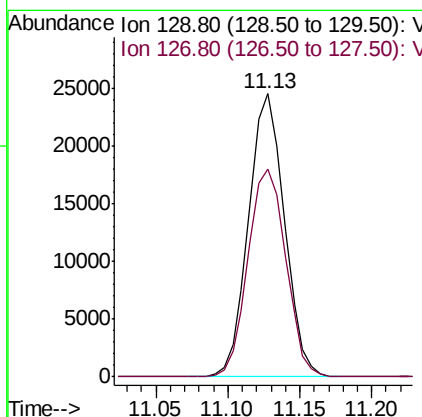
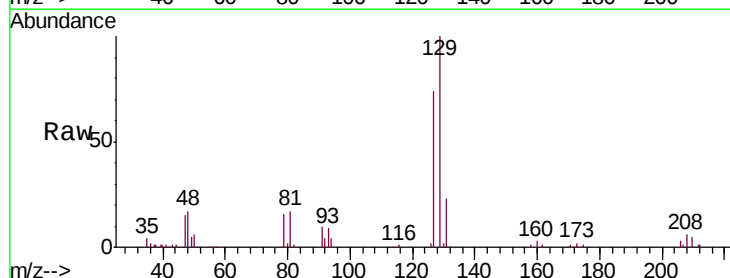
Instrument :
MSVOA_W
ClientSampleId :
VW0906SBSD02

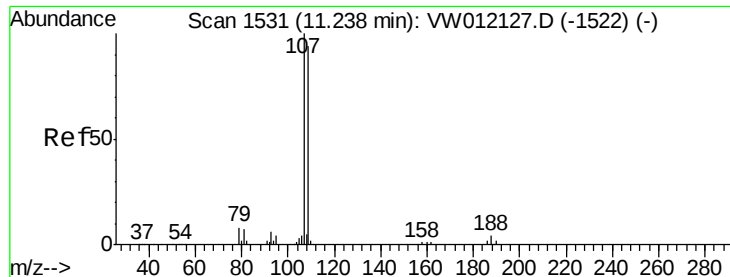
Tgt Ion: 43 Resp: 141929
Ion Ratio Lower Upper
43 100
58 48.9 24.3 72.9



#60
Dibromochloromethane
Concen: 24.103 ug/l
RT: 11.13 min Scan# 1513
Delta R.T. -0.00 min
Lab File: VW012687.D
Acq: 06 Sep 2019 13:24

Tgt Ion: 129 Resp: 42330
Ion Ratio Lower Upper
129 100
127 77.6 38.6 115.8





#61

1,2-Dibromoethane

Concen: 23.346 ug/l

RT: 11.23 min Scan# 1530

Delta R.T. -0.01 min

Lab File: VW012687.D

Acq: 06 Sep 2019 13:24

Instrument :

MSVOA_W

ClientSampleId :

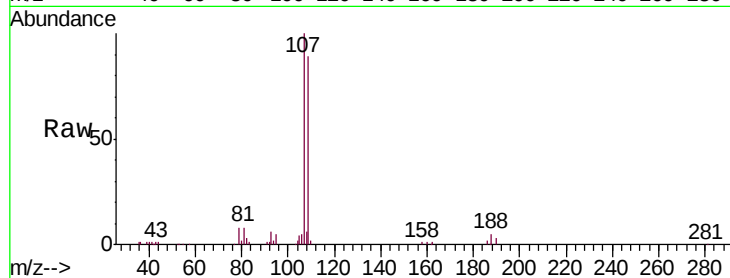
VW0906SBSD02

Tgt Ion: 107 Resp: 34294

Ion Ratio Lower Upper

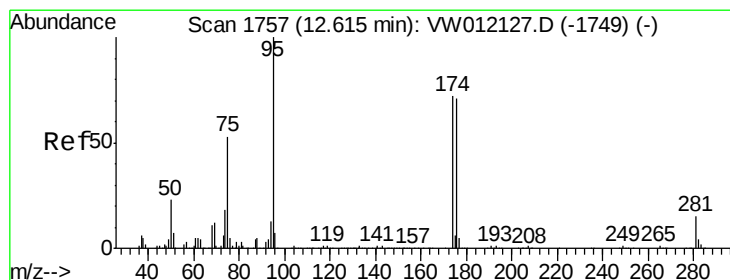
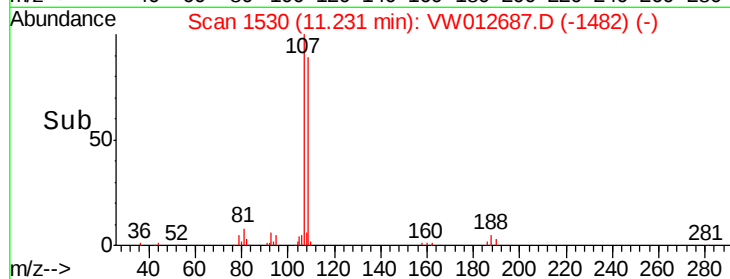
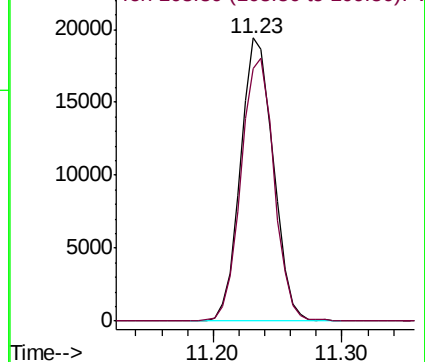
107 100

109 92.7 75.4 113.2



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 48.925 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. -0.00 min

Lab File: VW012687.D

Acq: 06 Sep 2019 13:24

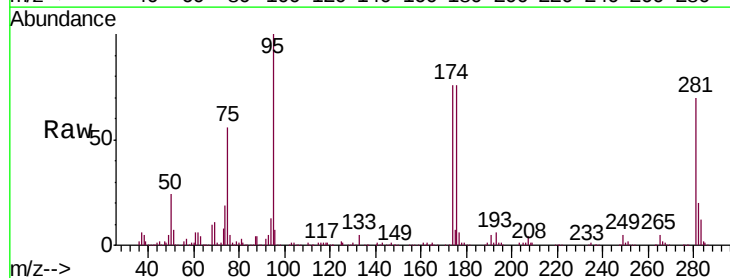
Tgt Ion: 95 Resp: 137669

Ion Ratio Lower Upper

95 100

174 80.6 0.0 150.8

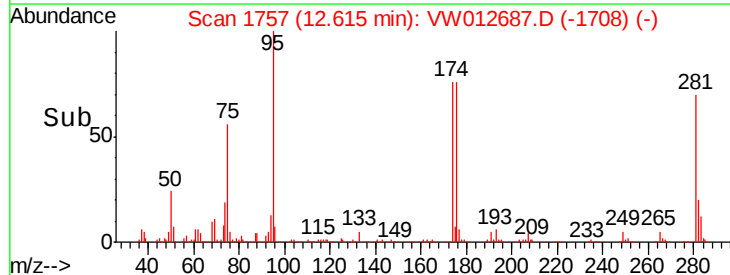
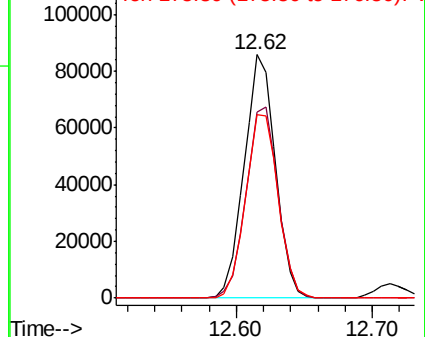
176 79.1 0.0 148.6

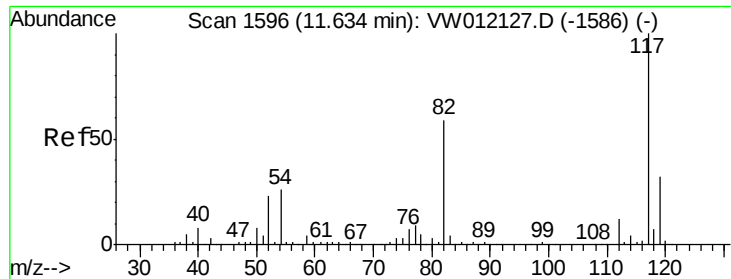


Abundance Ion 94.90 (94.60 to 95.60): VW

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

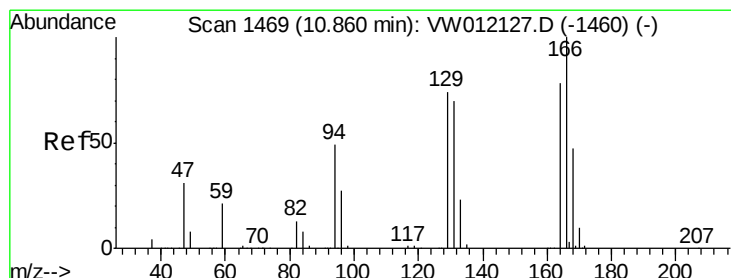
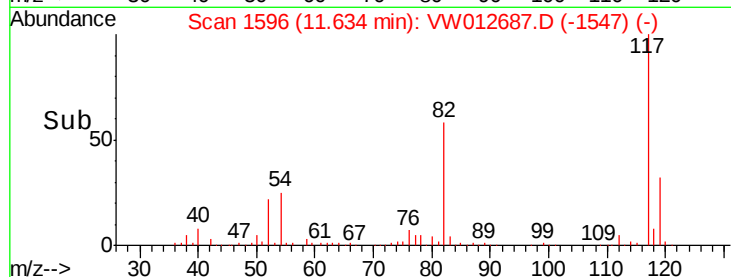
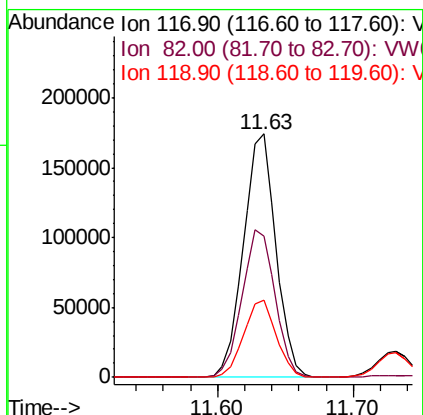
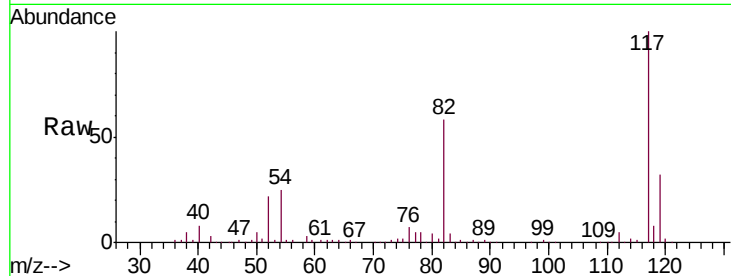




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW012687.D
Acq: 06 Sep 2019 13:24

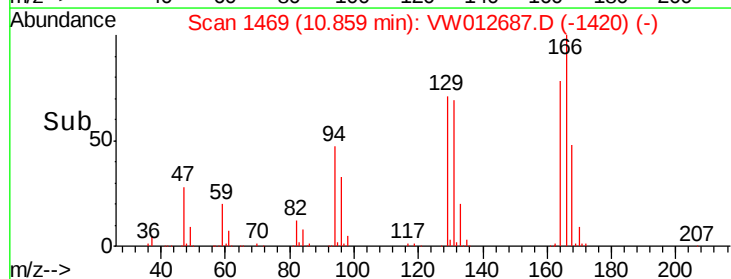
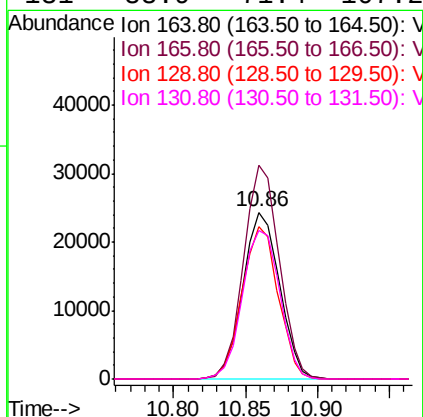
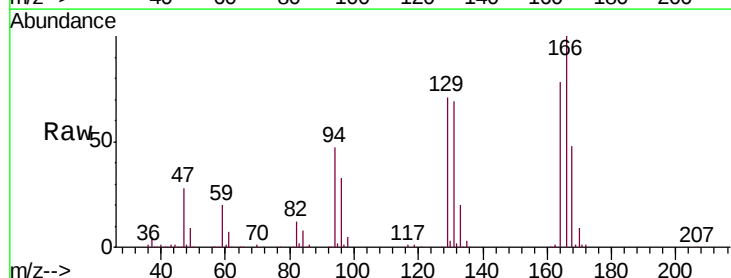
Instrument :
MSVOA_W
ClientSampleId :
VW0906SBSD02

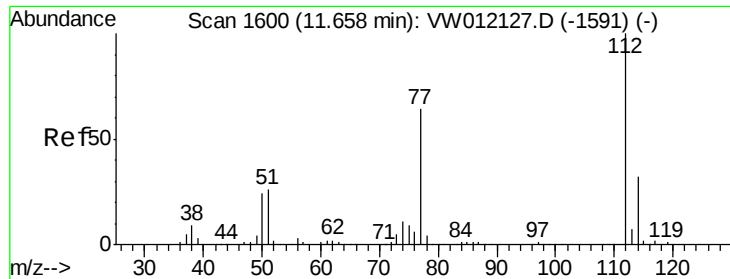
Tgt Ion:117 Resp: 290414
Ion Ratio Lower Upper
117 100
82 58.1 47.4 71.2
119 31.6 25.4 38.2



#64
Tetrachloroethene
Concen: 22.754 ug/l
RT: 10.86 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VW012687.D
Acq: 06 Sep 2019 13:24

Tgt Ion:164 Resp: 42843
Ion Ratio Lower Upper
164 100
166 128.3 102.4 153.6
129 91.5 75.8 113.6
131 88.9 71.4 107.2

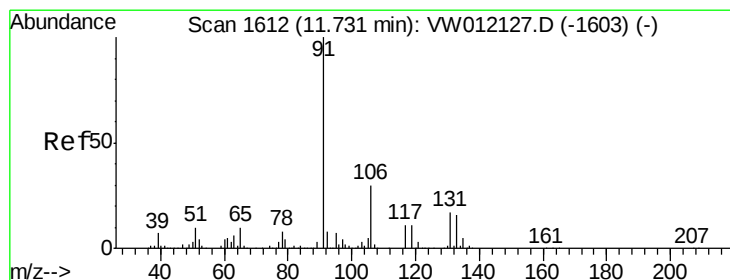
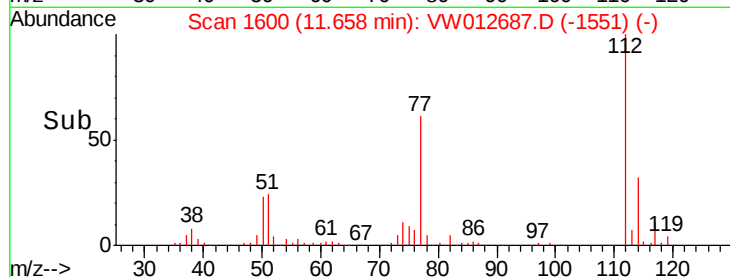
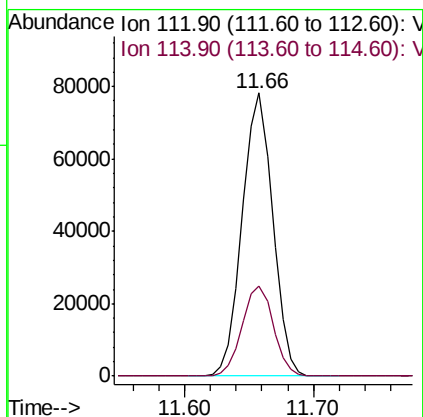
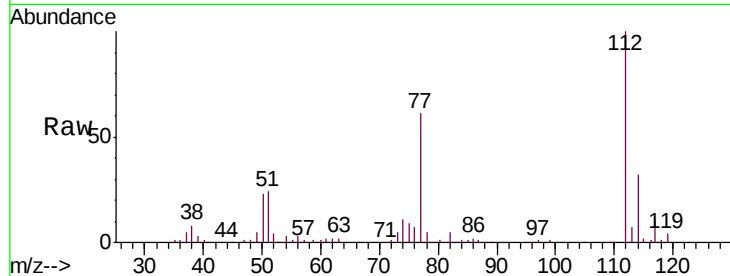




#65
Chlorobenzene
Concen: 22.463 ug/l
RT: 11.66 min Scan# 1600
Delta R.T. -0.00 min
Lab File: VW012687.D
Acq: 06 Sep 2019 13:24

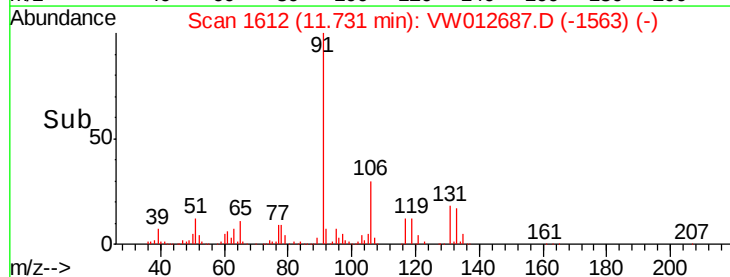
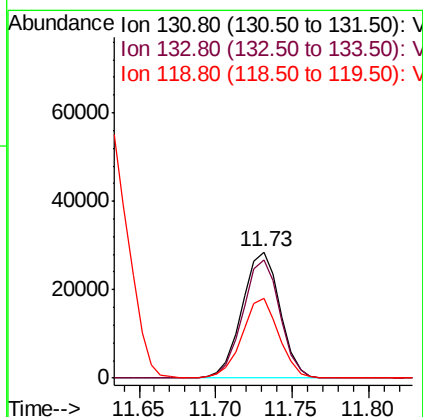
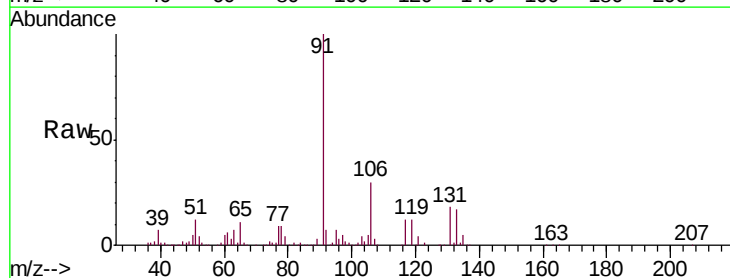
Instrument :
MSVOA_W
ClientSampleId :
VW0906SBSD02

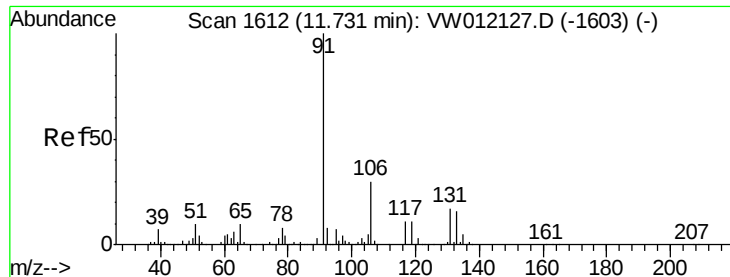
Tgt Ion:112 Resp: 128454
Ion Ratio Lower Upper
112 100
114 31.9 25.8 38.6



#66
1,1,1,2-Tetrachloroethane
Concen: 24.626 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. -0.00 min
Lab File: VW012687.D
Acq: 06 Sep 2019 13:24

Tgt Ion:131 Resp: 49128
Ion Ratio Lower Upper
131 100
133 91.8 47.1 141.3
119 61.5 31.8 95.3





#67

Ethyl Benzene

Concen: 22.434 ug/l

RT: 11.73 min Scan# 1612

Delta R.T. -0.00 min

Lab File: VW012687.D

Acq: 06 Sep 2019 13:24

Instrument :

MSVOA_W

ClientSampleId :

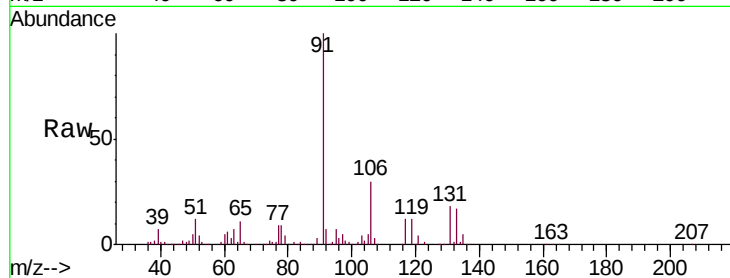
VW0906SBSD02

Tgt Ion: 91 Resp: 247132

Ion Ratio Lower Upper

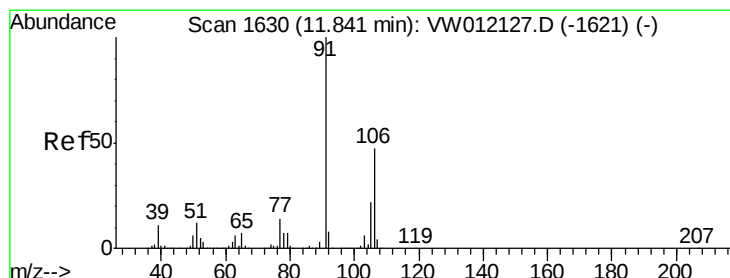
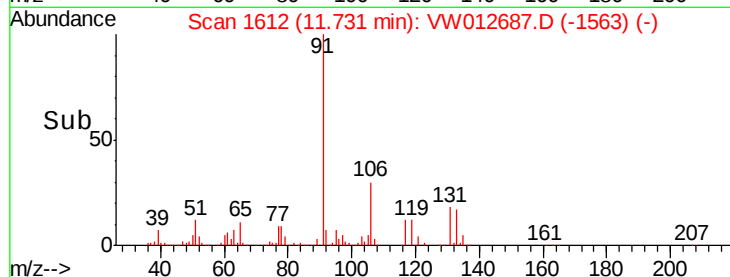
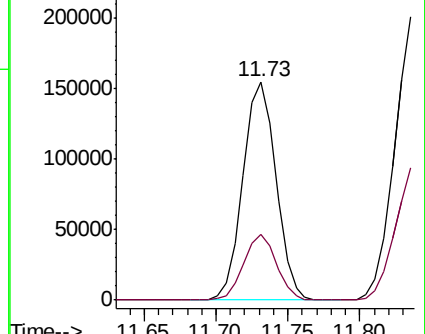
91 100

106 30.2 24.3 36.5



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 106.00 (105.70 to 106.70): V



#68

m/p-Xylenes

Concen: 45.478 ug/l

RT: 11.84 min Scan# 1630

Delta R.T. -0.00 min

Lab File: VW012687.D

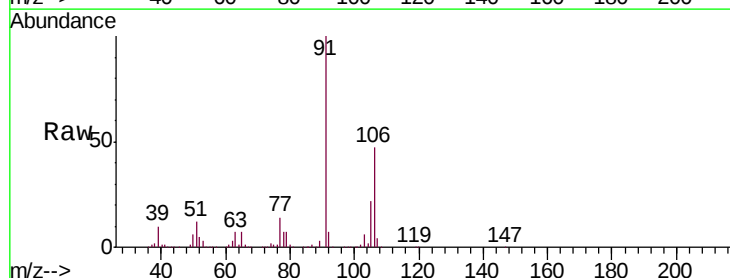
Acq: 06 Sep 2019 13:24

Tgt Ion: 106 Resp: 180458

Ion Ratio Lower Upper

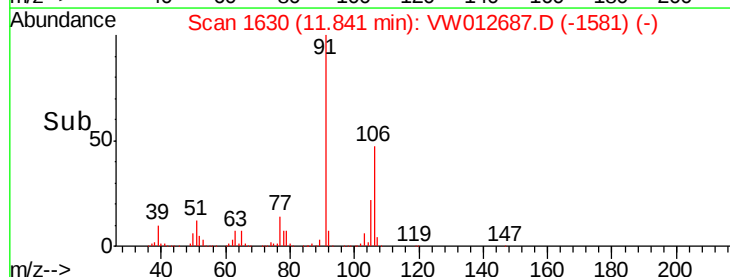
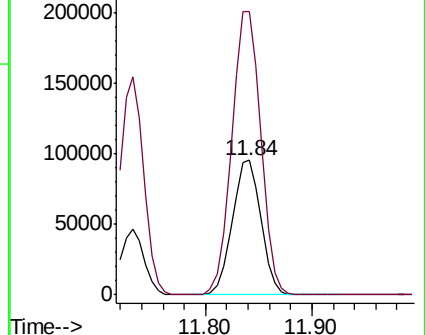
106 100

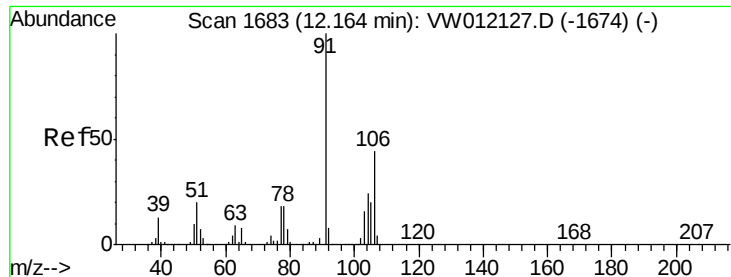
91 213.2 169.5 254.3



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VW

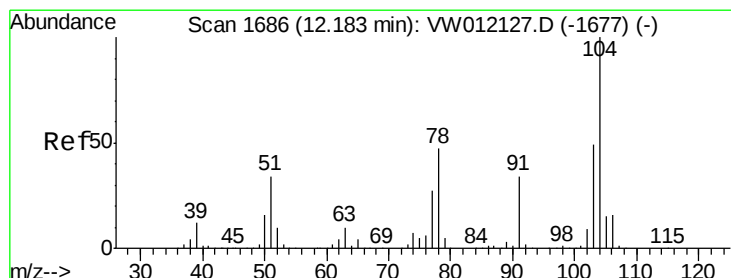
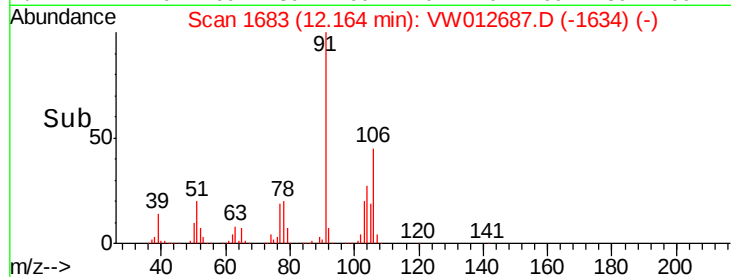
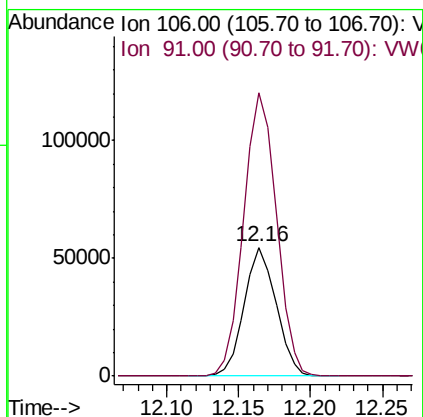
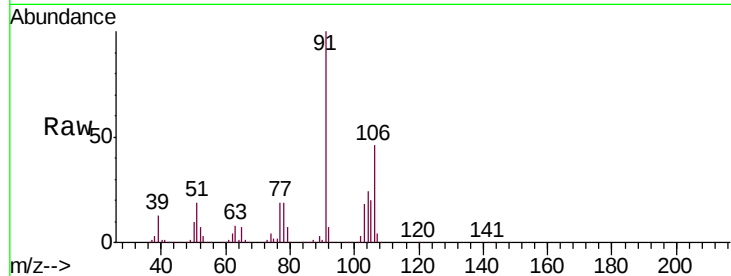




#69
o-Xylene
Concen: 22.903 ug/l
RT: 12.16 min Scan# 1683
Delta R.T. -0.00 min
Lab File: VW012687.D
Acq: 06 Sep 2019 13:24

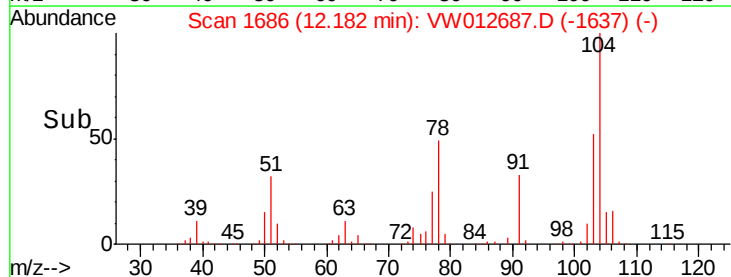
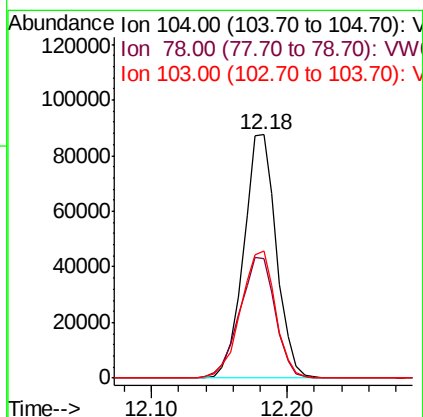
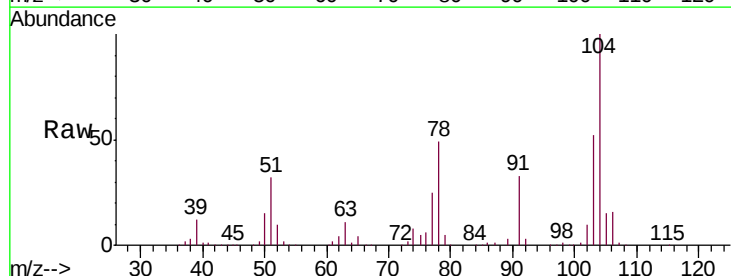
Instrument :
MSVOA_W
ClientSampleId :
VW0906SBSD02

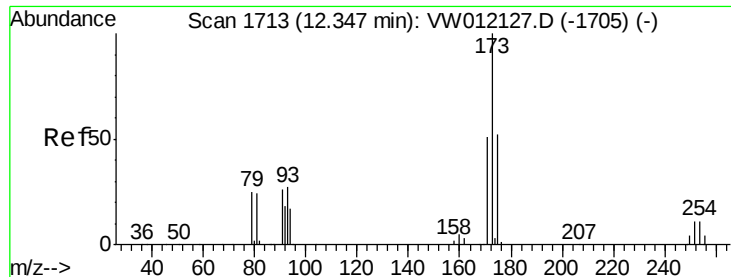
Tgt Ion:106 Resp: 84111
Ion Ratio Lower Upper
106 100
91 226.2 111.6 334.6



#70
Styrene
Concen: 23.073 ug/l
RT: 12.18 min Scan# 1686
Delta R.T. -0.00 min
Lab File: VW012687.D
Acq: 06 Sep 2019 13:24

Tgt Ion:104 Resp: 146667
Ion Ratio Lower Upper
104 100
78 54.3 43.1 64.7
103 55.5 43.5 65.3





#71

Bromoform

Concen: 25.070 ug/l

RT: 12.35 min Scan# 1713

Delta R.T. -0.00 min

Lab File: VW012687.D

Acq: 06 Sep 2019 13:24

Instrument :

MSVOA_W

ClientSampleId :

VW0906SBSD02

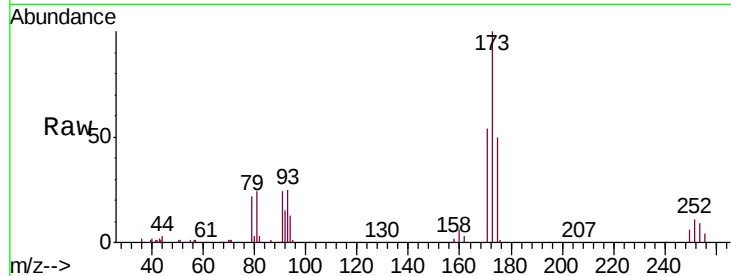
Tgt Ion:173 Resp: 24918

Ion Ratio Lower Upper

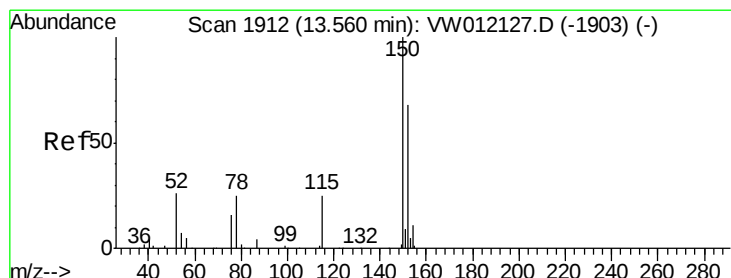
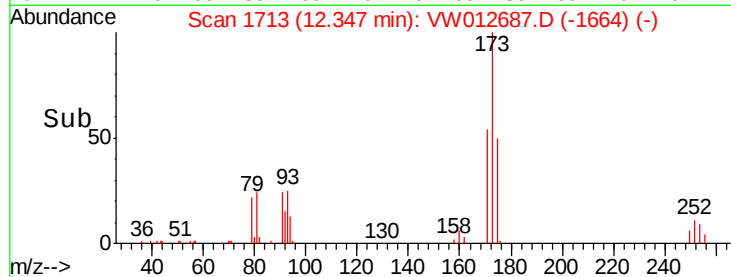
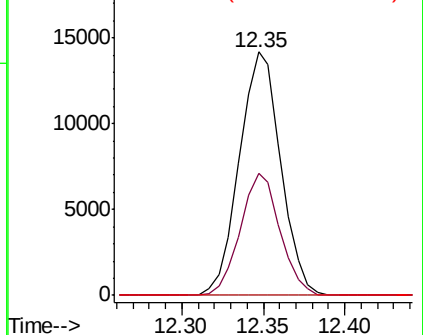
173 100

175 48.1 24.6 74.0

254 0.0 0.2 0.2#



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



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.55 min Scan# 1911

Delta R.T. -0.01 min

Lab File: VW012687.D

Acq: 06 Sep 2019 13:24

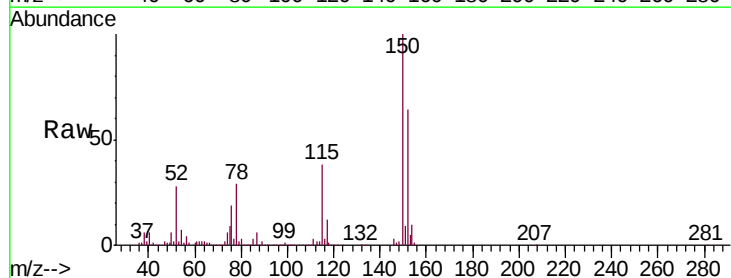
Tgt Ion:152 Resp: 146591

Ion Ratio Lower Upper

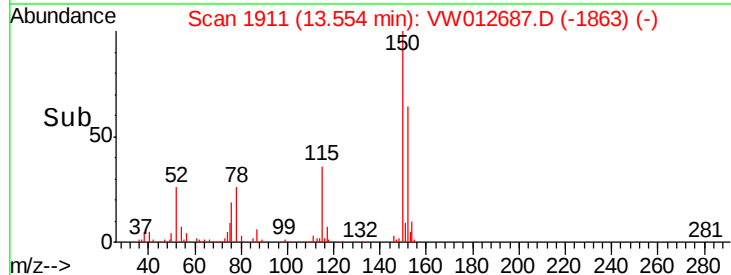
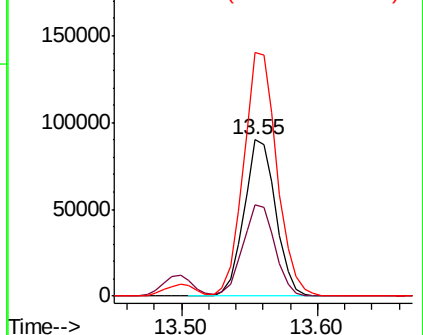
152 100

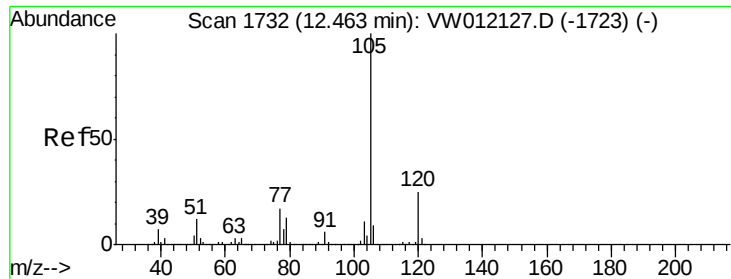
115 59.0 30.1 90.3

150 163.6 0.0 345.8



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





#73

Isopropylbenzene

Concen: 22.182 ug/l

RT: 12.46 min Scan# 1732

Delta R.T. -0.00 min

Lab File: VW012687.D

Acq: 06 Sep 2019 13:24

Instrument :

MSVOA_W

ClientSampleId :

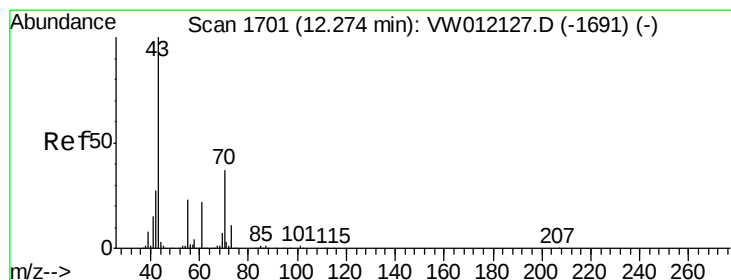
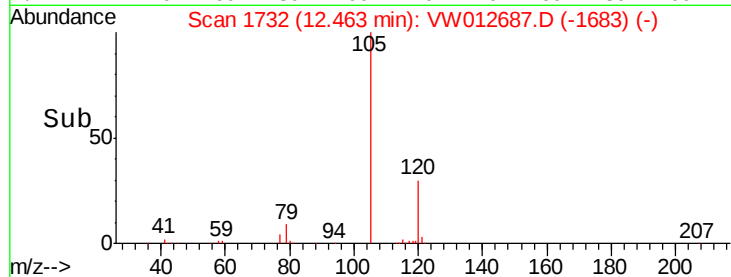
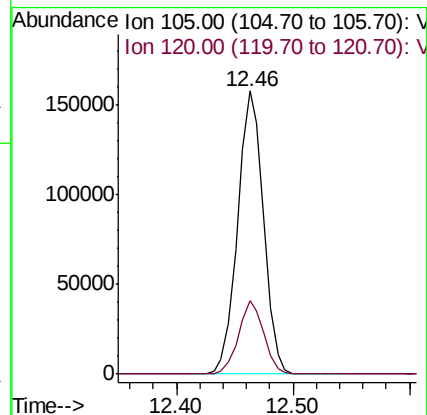
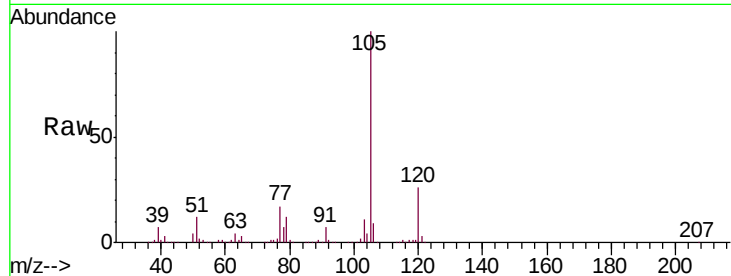
VW0906SBSD02

Tgt Ion: 105 Resp: 243653

Ion Ratio Lower Upper

105 100

120 25.3 12.5 37.5



#74

N-ethyl acetate

Concen: 21.596 ug/l

RT: 12.27 min Scan# 1701

Delta R.T. -0.00 min

Lab File: VW012687.D

Acq: 06 Sep 2019 13:24

Tgt Ion: 43 Resp: 71671

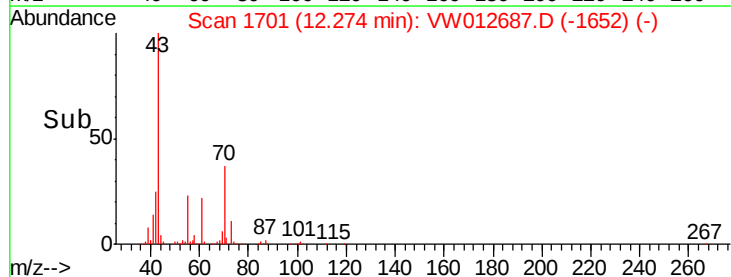
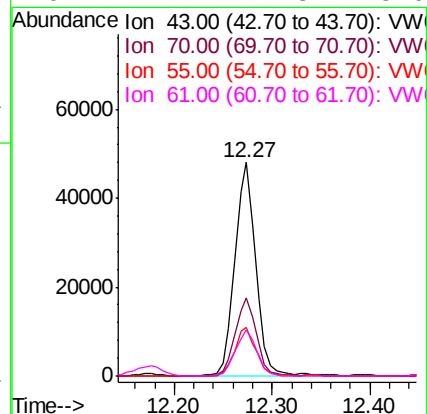
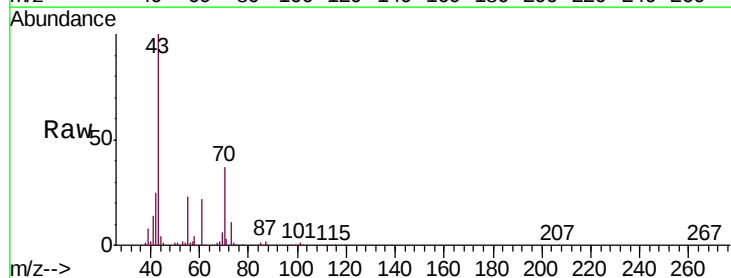
Ion Ratio Lower Upper

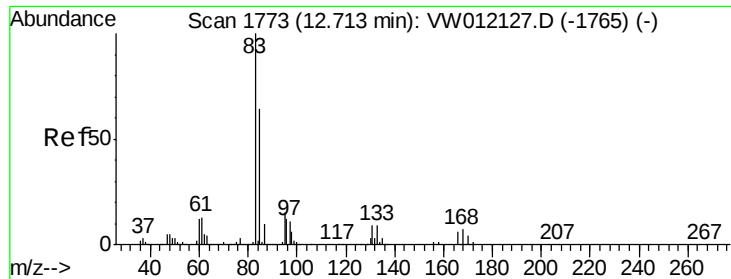
43 100

70 36.9 28.6 43.0

55 23.1 17.8 26.6

61 21.4 17.3 25.9





#75

1,1,2,2-Tetrachloroethane

Concen: 21.959 ug/l

RT: 12.71 min Scan# 1773

Delta R.T. -0.00 min

Lab File: VW012687.D

Acq: 06 Sep 2019 13:24

Instrument :

MSVOA_W

ClientSampleId :

VW0906SBSD02

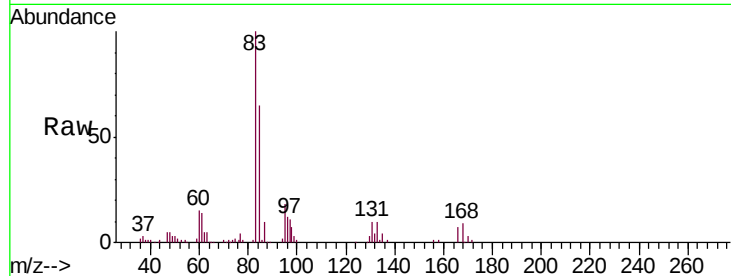
Tgt Ion: 83 Resp: 44220

Ion Ratio Lower Upper

83 100

131 11.0 4.9 14.7

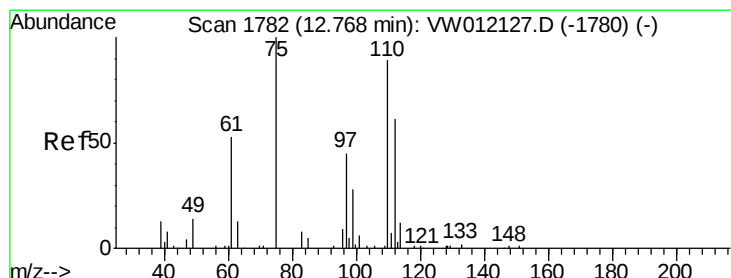
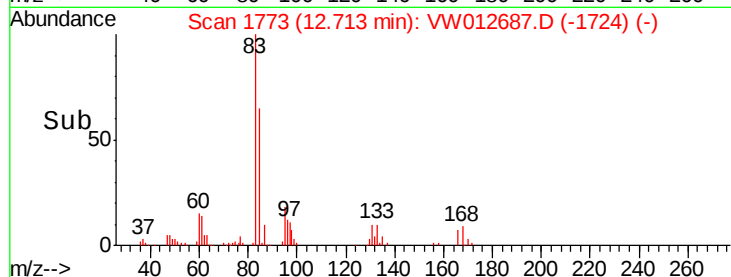
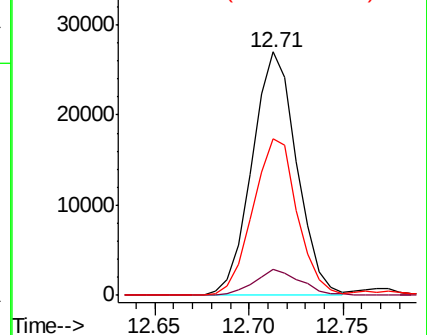
85 64.5 31.9 95.7



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: 41.940 ug/l

RT: 12.77 min Scan# 1782

Delta R.T. -0.00 min

Lab File: VW012687.D

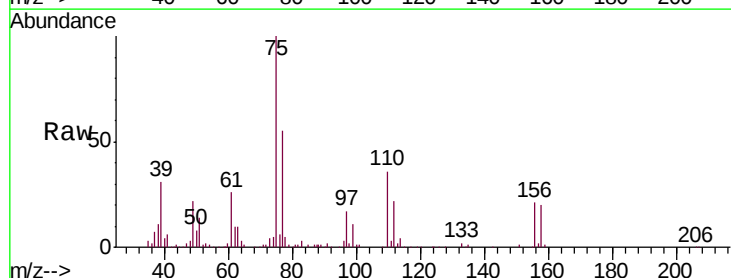
Acq: 06 Sep 2019 13:24

Tgt Ion: 75 Resp: 59878

Ion Ratio Lower Upper

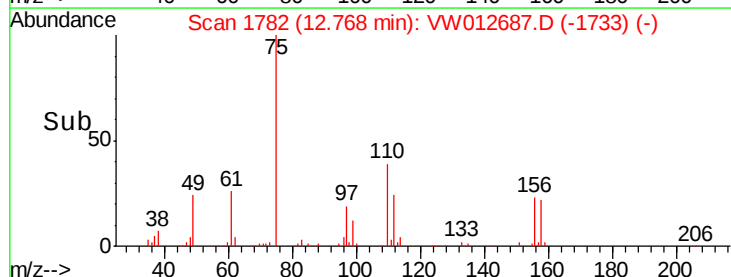
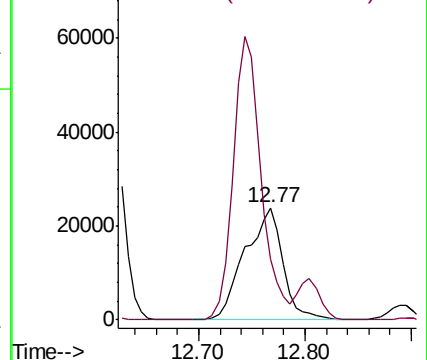
75 100

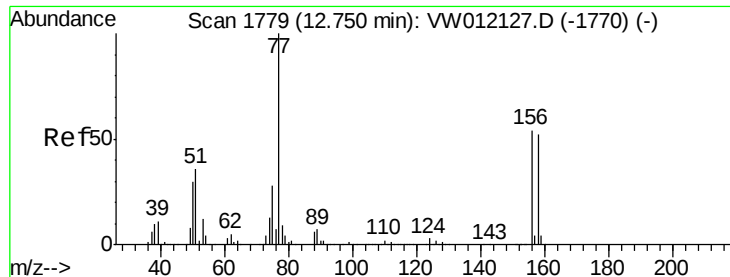
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 77.00 (76.70 to 77.70): VW

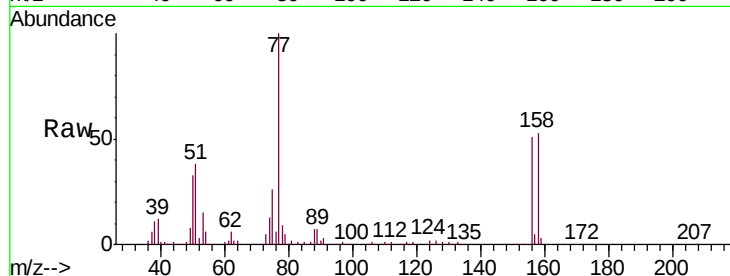




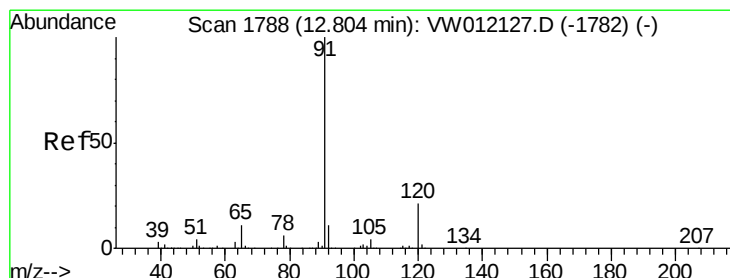
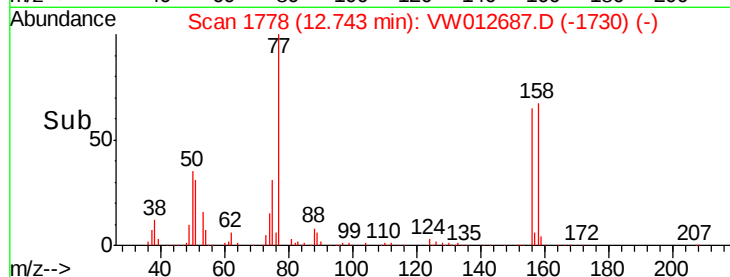
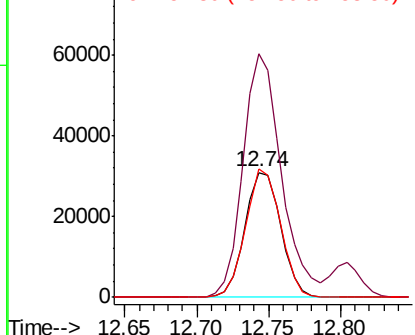
#77
Bromobenzene
Concen: 22.432 ug/l
RT: 12.74 min Scan# 1778
Delta R.T. -0.01 min
Lab File: VW012687.D
Acq: 06 Sep 2019 13:24

Instrument :
MSVOA_W
ClientSampleId :
VW0906SBSD02

Tgt Ion:156 Resp: 53306
Ion Ratio Lower Upper
156 100
77 209.1 107.3 321.8
158 99.9 49.0 147.0

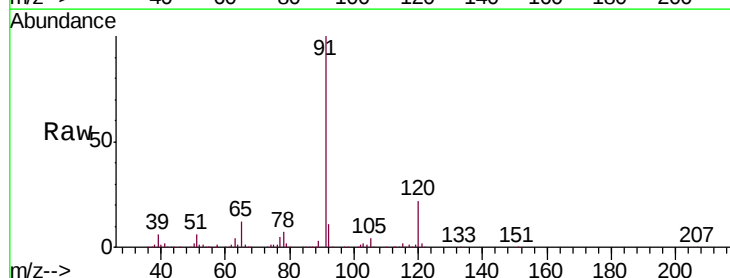


Abundance Ion 155.80 (155.50 to 156.50): V
Ion 77.00 (76.70 to 77.70): VW
Ion 157.80 (157.50 to 158.50): V

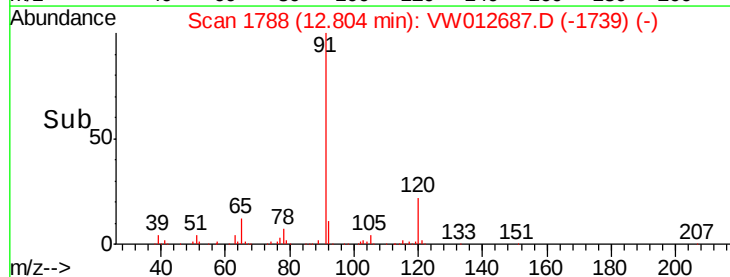
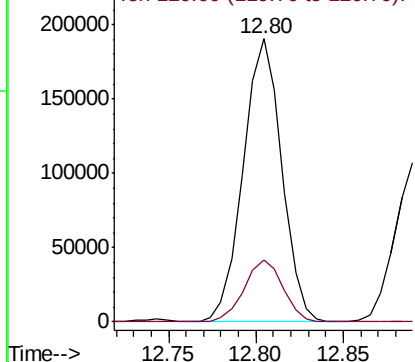


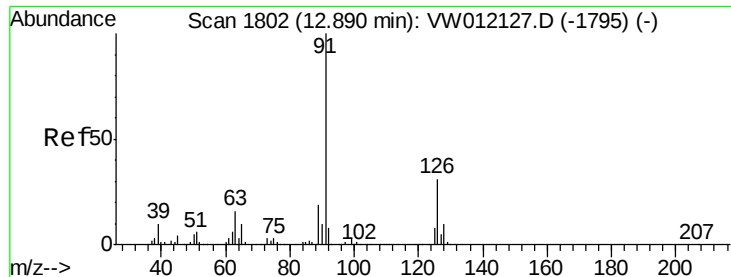
#78
n-propylbenzene
Concen: 21.691 ug/l
RT: 12.80 min Scan# 1788
Delta R.T. -0.00 min
Lab File: VW012687.D
Acq: 06 Sep 2019 13:24

Tgt Ion: 91 Resp: 290872
Ion Ratio Lower Upper
91 100
120 22.0 10.5 31.6



Abundance Ion 91.00 (90.70 to 91.70): VW
Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 22.248 ug/l

RT: 12.89 min Scan# 1802

Delta R.T. -0.00 min

Lab File: VW012687.D

Acq: 06 Sep 2019 13:24

Instrument :

MSVOA_W

ClientSampleId :

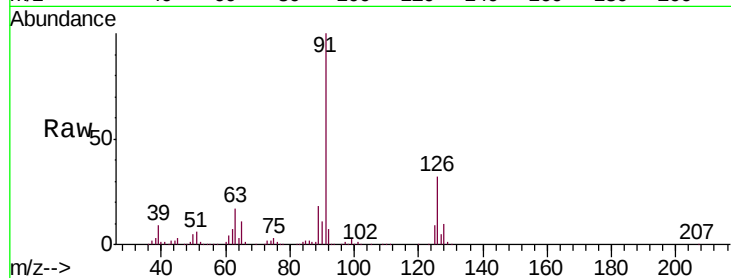
VW0906SBSD02

Tgt Ion: 91 Resp: 169376

Ion Ratio Lower Upper

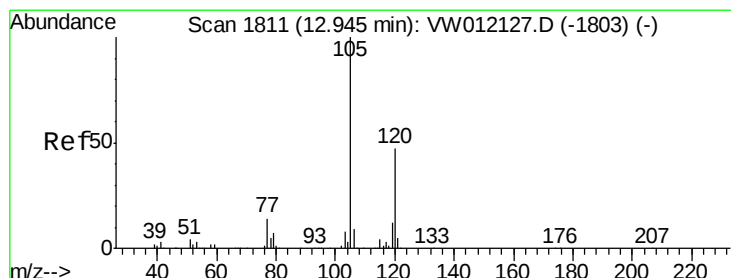
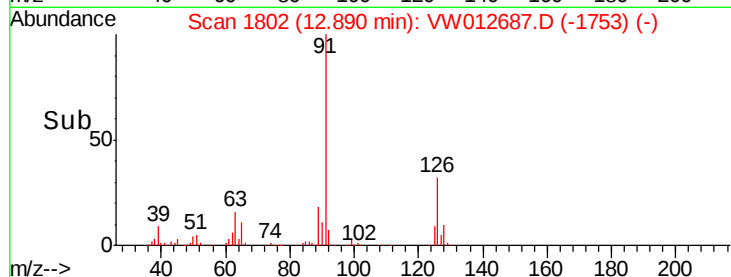
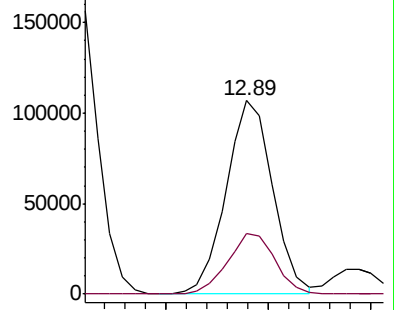
91 100

126 32.1 15.7 47.0



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 125.90 (125.60 to 126.60): V



#80

1,3,5-Trimethylbenzene

Concen: 22.530 ug/l

RT: 12.94 min Scan# 1811

Delta R.T. -0.00 min

Lab File: VW012687.D

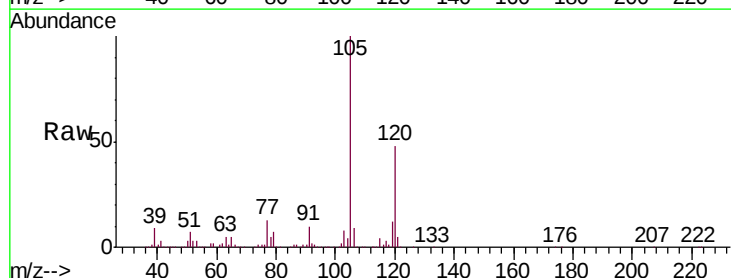
Acq: 06 Sep 2019 13:24

Tgt Ion: 105 Resp: 206788

Ion Ratio Lower Upper

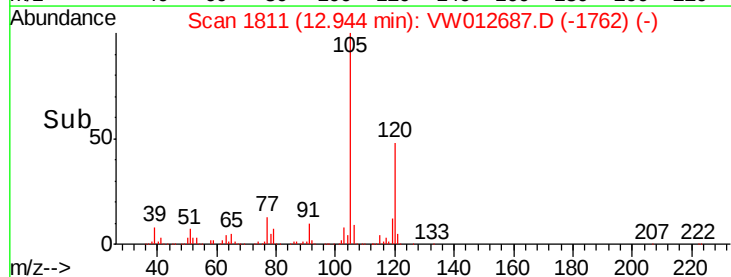
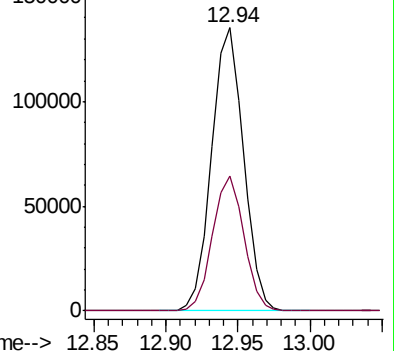
105 100

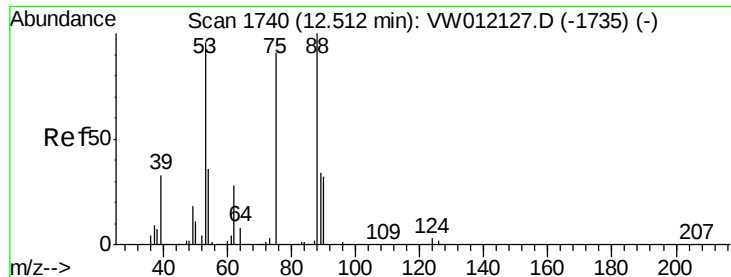
120 47.2 24.0 72.0



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#81

trans-1,4-Dichloro-2-butene

Concen: 22.250 ug/l

RT: 12.51 min Scan# 1740

Delta R.T. -0.00 min

Lab File: VW012687.D

Acq: 06 Sep 2019 13:24

Instrument :

MSVOA_W

ClientSampleId :

VW0906SBSD02

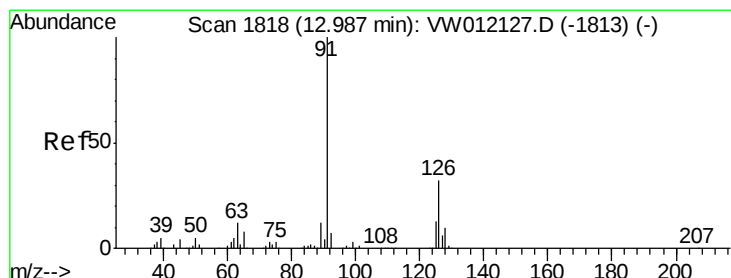
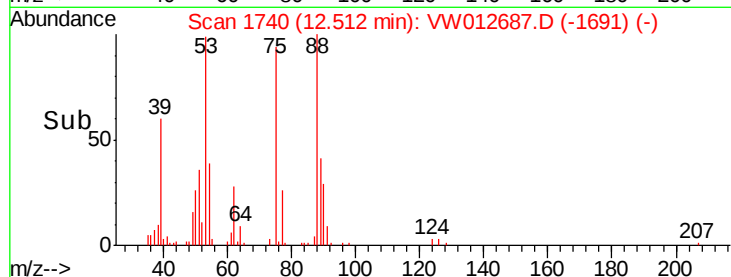
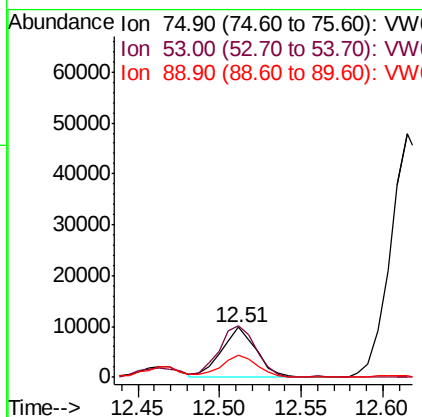
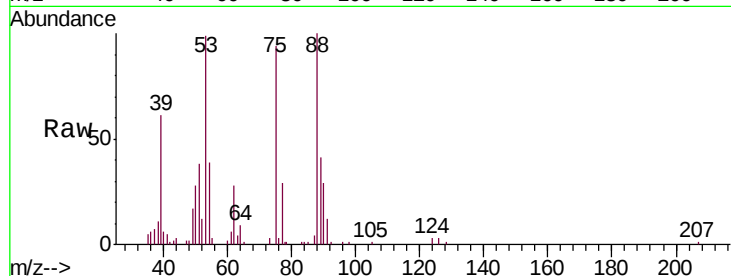
Tgt Ion: 75 Resp: 14488

Ion Ratio Lower Upper

75 100

53 110.6 89.4 134.0

89 45.8 34.5 51.7



#82

4-Chlorotoluene

Concen: 22.480 ug/l

RT: 12.99 min Scan# 1818

Delta R.T. -0.00 min

Lab File: VW012687.D

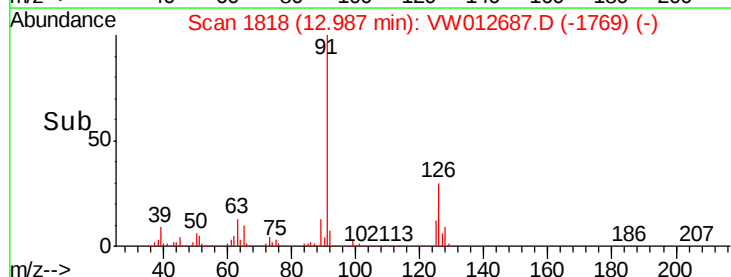
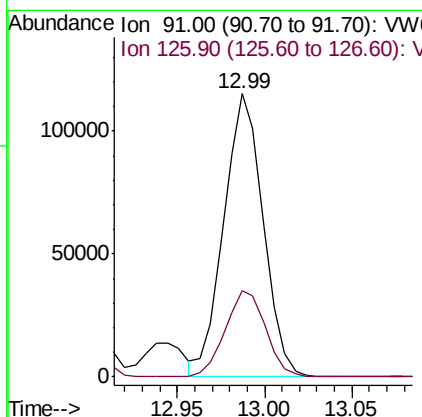
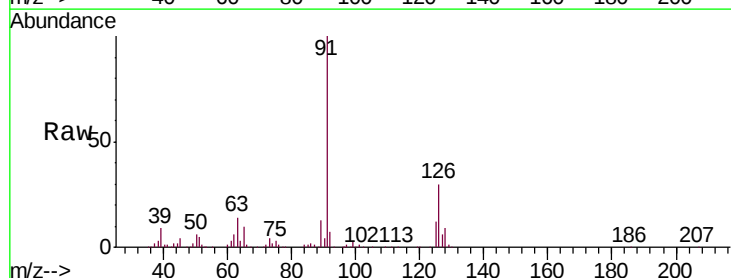
Acq: 06 Sep 2019 13:24

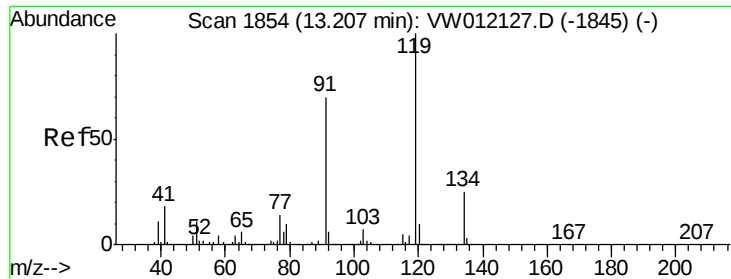
Tgt Ion: 91 Resp: 179202

Ion Ratio Lower Upper

91 100

126 31.2 15.6 46.8

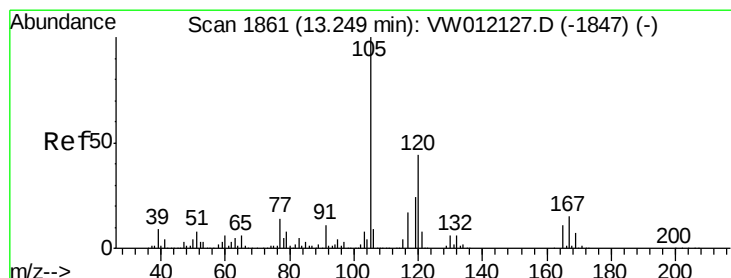
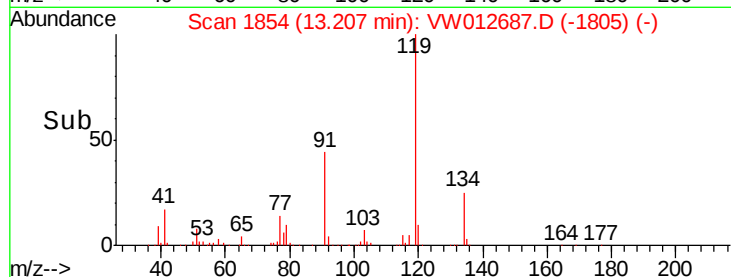
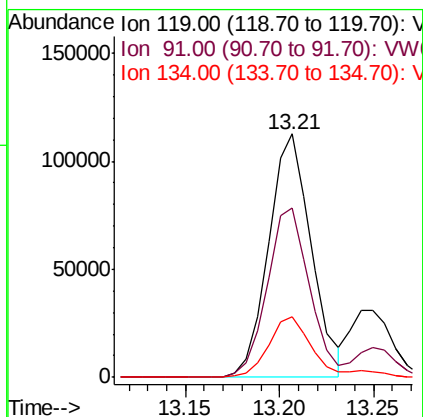
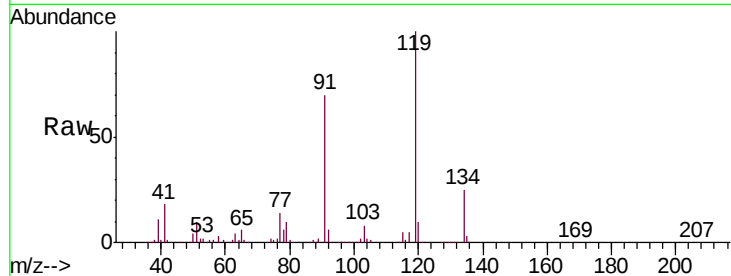




#83
 tert-Butylbenzene
 Concen: 22.750 ug/l
 RT: 13.21 min Scan# 1854
 Delta R.T. -0.00 min
 Lab File: VW012687.D
 Acq: 06 Sep 2019 13:24

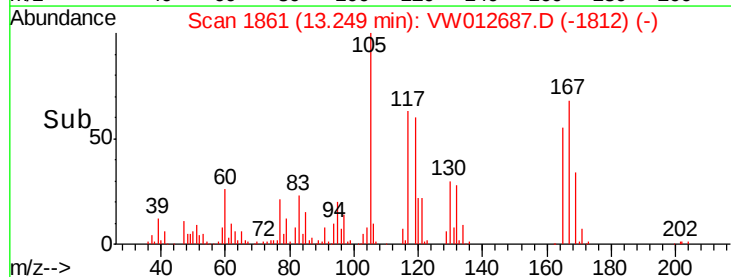
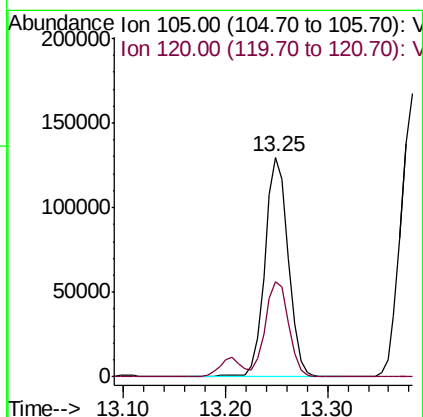
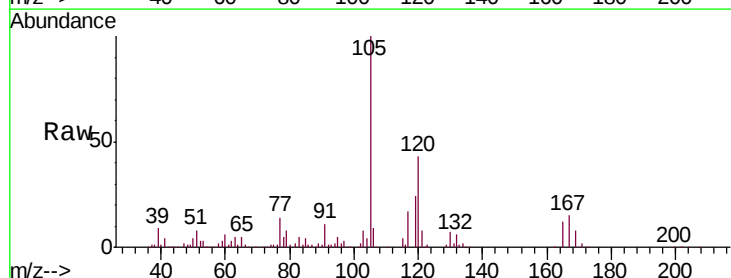
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0906SBSD02

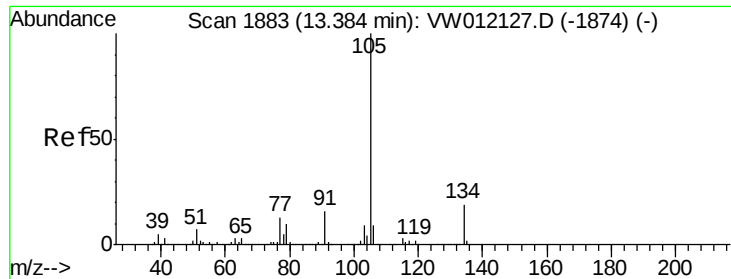
Tgt Ion:119 Resp: 176882
 Ion Ratio Lower Upper
 119 100
 91 68.9 34.8 104.3
 134 26.9 13.3 39.8



#84
 1,2,4-Trimethylbenzene
 Concen: 22.273 ug/l
 RT: 13.25 min Scan# 1861
 Delta R.T. -0.00 min
 Lab File: VW012687.D
 Acq: 06 Sep 2019 13:24

Tgt Ion:105 Resp: 205353
 Ion Ratio Lower Upper
 105 100
 120 43.4 21.9 65.7

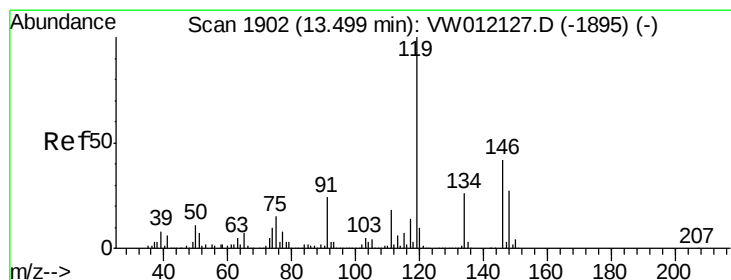
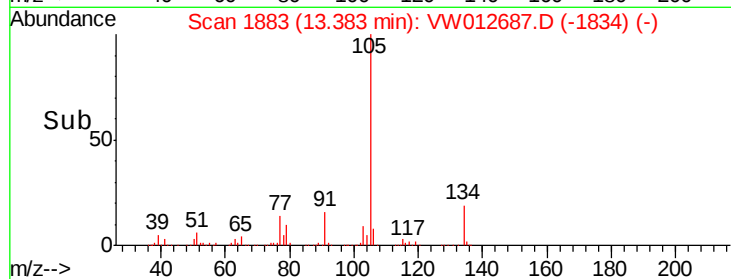
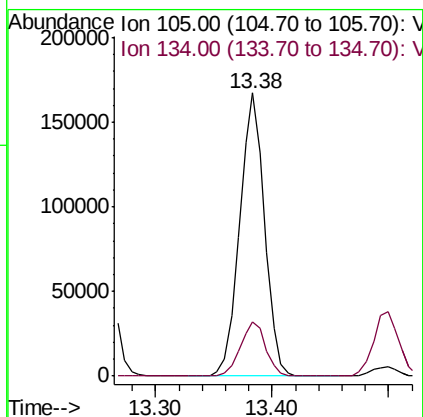
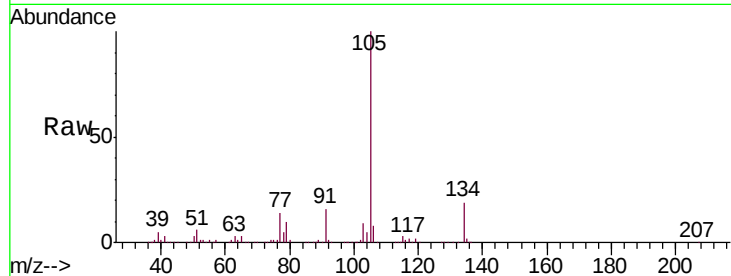




#85
 sec-Butylbenzene
 Concen: 22.234 ug/l
 RT: 13.38 min Scan# 1883
 Delta R.T. -0.00 min
 Lab File: VW012687.D
 Acq: 06 Sep 2019 13:24

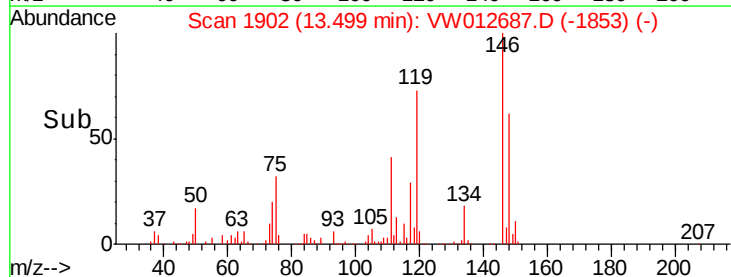
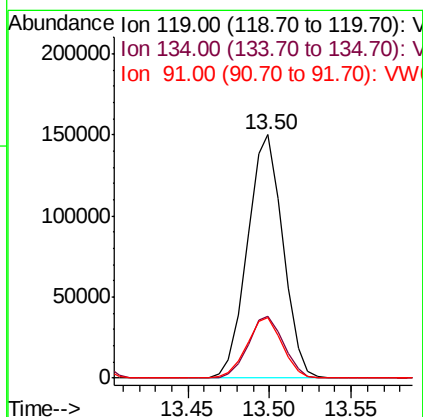
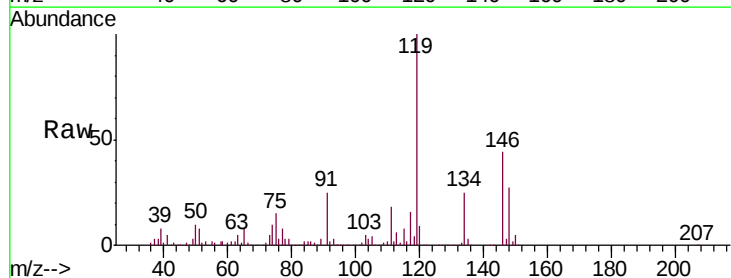
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0906SBSD02

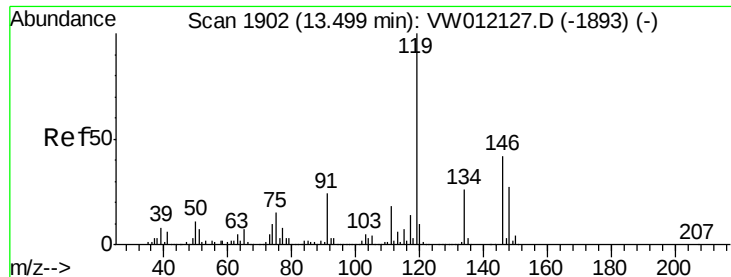
Tgt Ion:105 Resp: 247663
 Ion Ratio Lower Upper
 105 100
 134 19.6 9.8 29.4



#86
 p-Isopropyltoluene
 Concen: 22.775 ug/l
 RT: 13.50 min Scan# 1902
 Delta R.T. -0.00 min
 Lab File: VW012687.D
 Acq: 06 Sep 2019 13:24

Tgt Ion:119 Resp: 226554
 Ion Ratio Lower Upper
 119 100
 134 25.5 12.8 38.3
 91 24.6 12.3 36.9

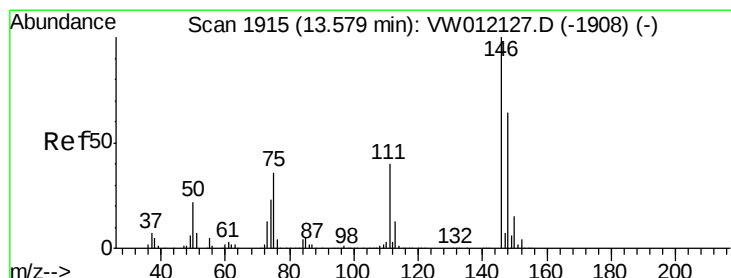
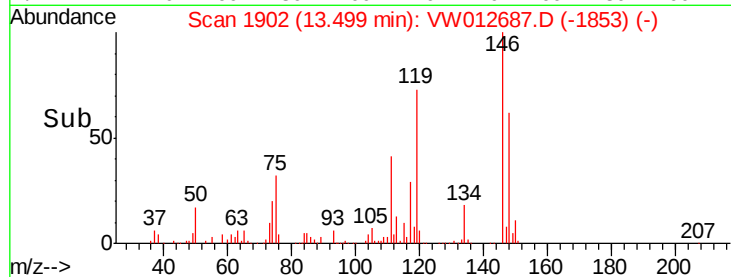
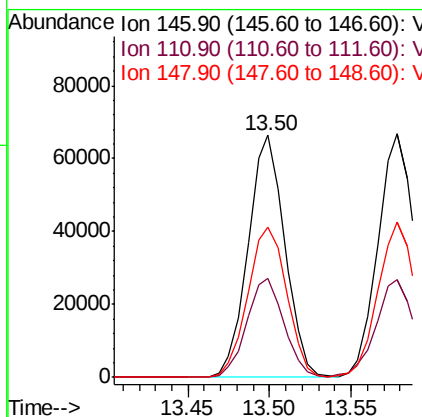
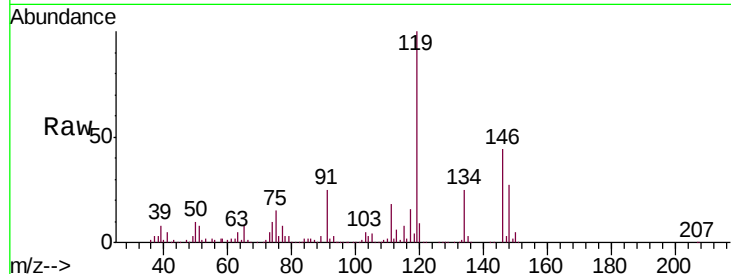




#87
 1,3-Dichlorobenzene
 Concen: 22.476 ug/l
 RT: 13.50 min Scan# 1902
 Delta R.T. -0.00 min
 Lab File: VW012687.D
 Acq: 06 Sep 2019 13:24

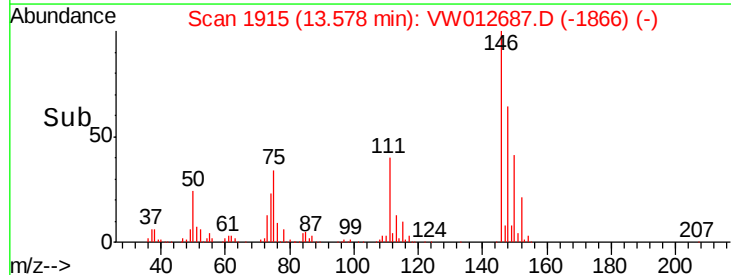
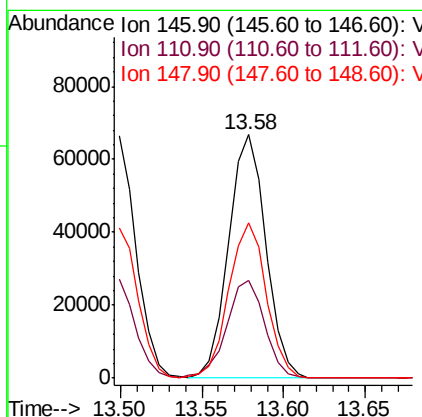
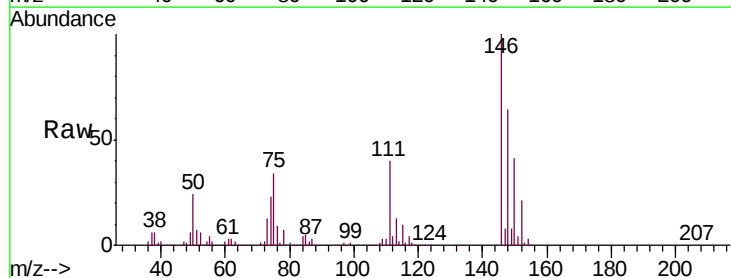
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0906SBSD02

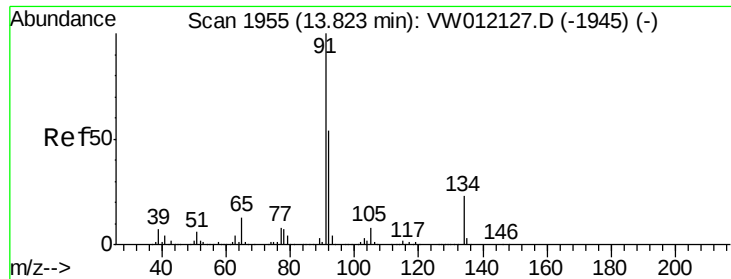
Tgt Ion:146 Resp: 104470
 Ion Ratio Lower Upper
 146 100
 111 41.4 20.9 62.7
 148 65.7 32.2 96.6



#88
 1,4-Dichlorobenzene
 Concen: 22.934 ug/l
 RT: 13.58 min Scan# 1915
 Delta R.T. -0.00 min
 Lab File: VW012687.D
 Acq: 06 Sep 2019 13:24

Tgt Ion:146 Resp: 105845
 Ion Ratio Lower Upper
 146 100
 111 41.3 20.0 60.0
 148 64.5 32.1 96.3





#89

n-Butylbenzene

Concen: 21.945 ug/l

RT: 13.82 min Scan# 1955

Delta R.T. -0.00 min

Lab File: VW012687.D

Acq: 06 Sep 2019 13:24

Instrument :

MSVOA_W

ClientSampleId :

VW0906SBSD02

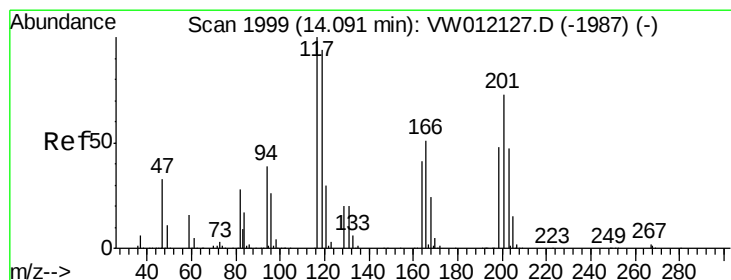
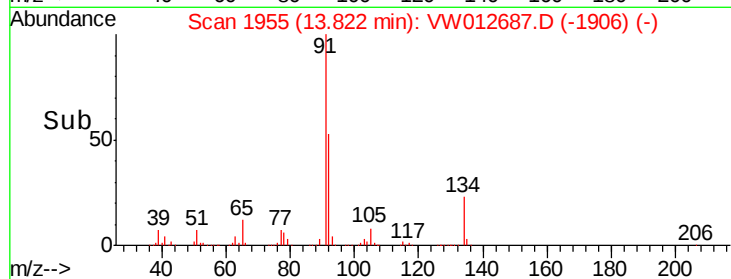
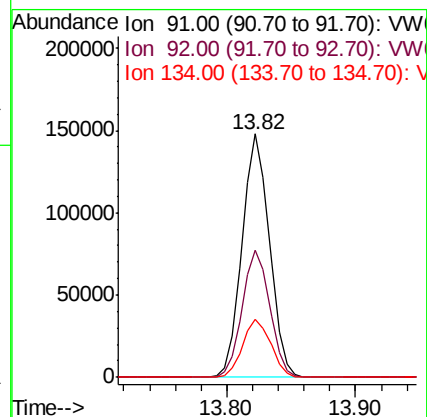
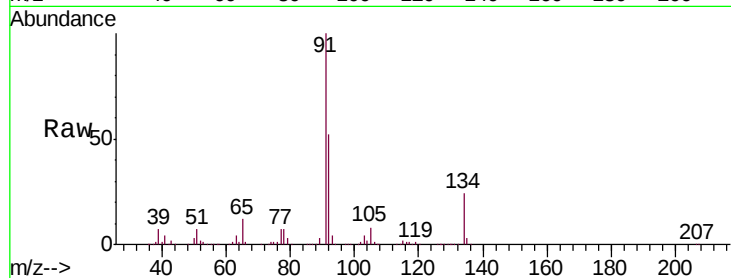
Tgt Ion: 91 Resp: 217084

Ion Ratio Lower Upper

91 100

92 52.8 27.1 81.2

134 24.6 12.2 36.4



#90

Hexachloroethane

Concen: 22.360 ug/l

RT: 14.09 min Scan# 1999

Delta R.T. -0.00 min

Lab File: VW012687.D

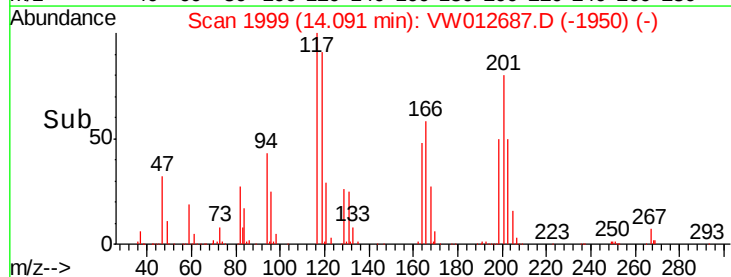
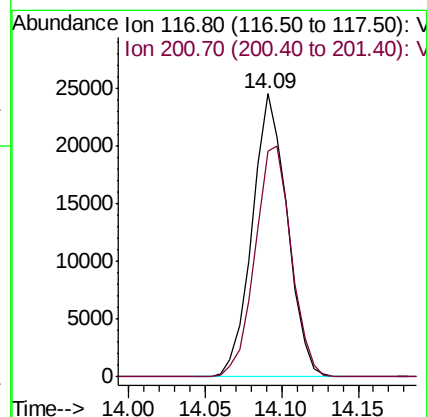
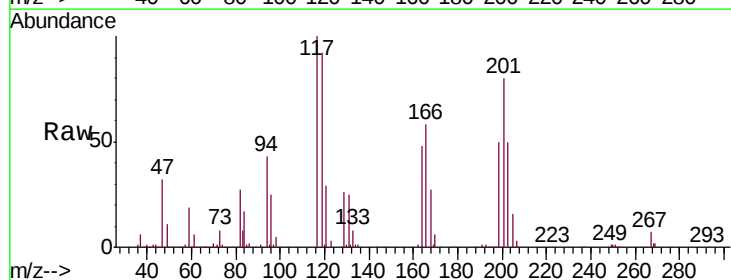
Acq: 06 Sep 2019 13:24

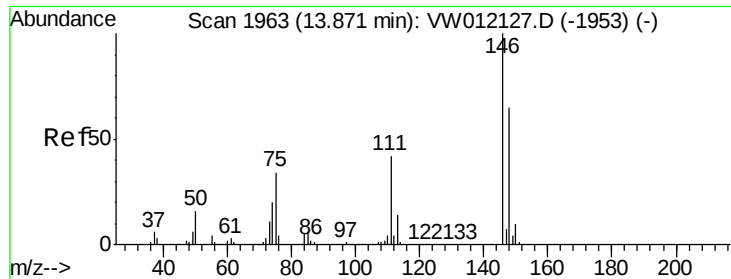
Tgt Ion: 117 Resp: 39024

Ion Ratio Lower Upper

117 100

201 84.5 38.6 115.7





#91

1,2-Dichlorobenzene

Concen: 23.254 ug/l

RT: 13.87 min Scan# 1963

Delta R.T. -0.00 min

Lab File: VW012687.D

Acq: 06 Sep 2019 13:24

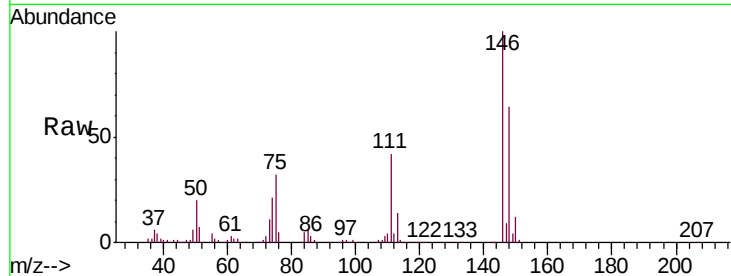
Instrument :

MSVOA_W

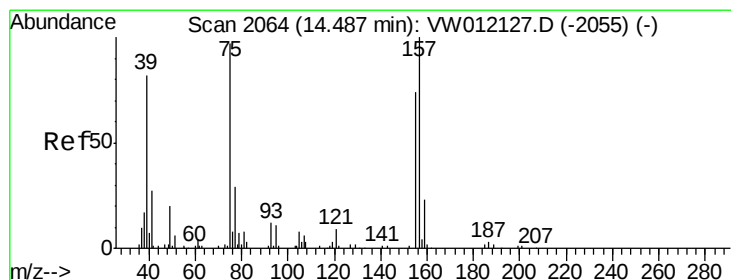
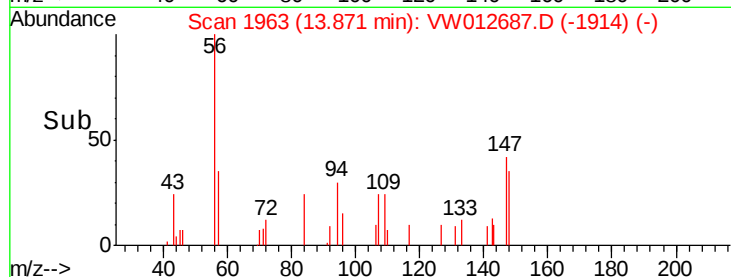
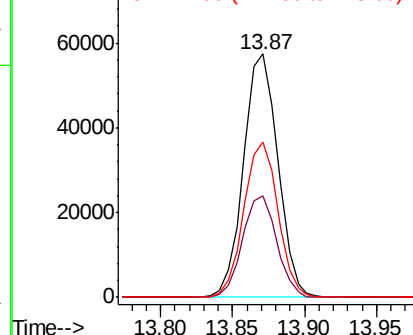
ClientSampleId :

VW0906SBSD02

Tgt Ion:	146	Resp:	94817
Ion	Ratio	Lower	Upper
146	100		
111	41.7	21.2	63.6
148	63.8	32.5	97.4



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: 23.229 ug/l

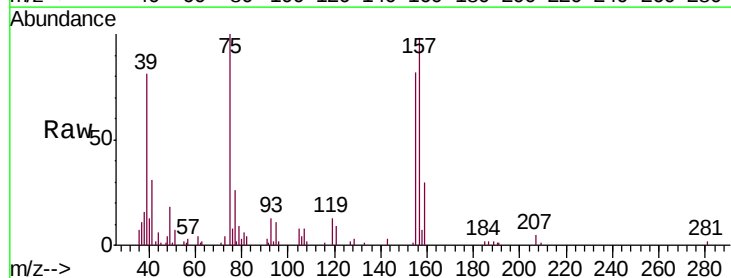
RT: 14.49 min Scan# 2064

Delta R.T. -0.00 min

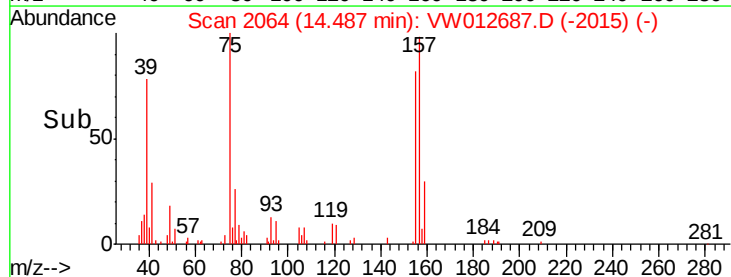
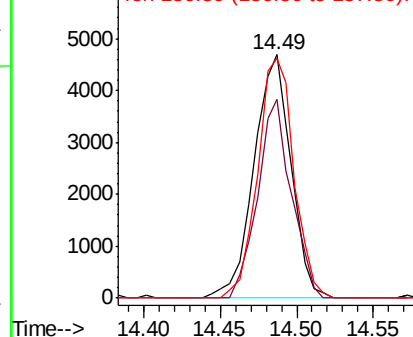
Lab File: VW012687.D

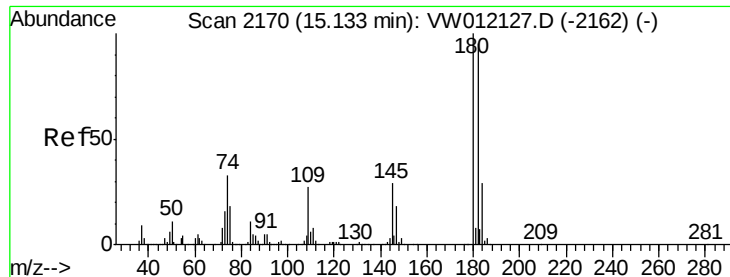
Acq: 06 Sep 2019 13:24

Tgt Ion:	75	Resp:	7886
Ion	Ratio	Lower	Upper
75	100		
155	74.3	37.5	112.3
157	96.6	50.5	151.5



Abundance Ion 74.90 (74.60 to 75.60): VW
Ion 154.80 (154.50 to 155.50): V
Ion 156.80 (156.50 to 157.50): V

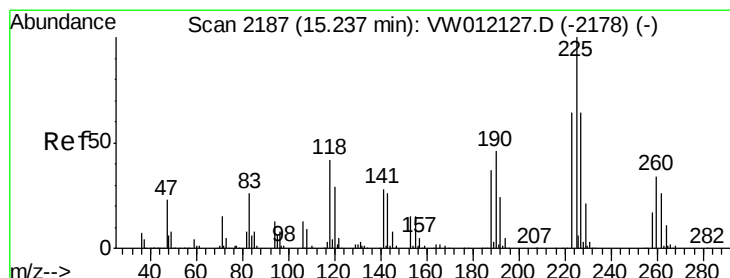
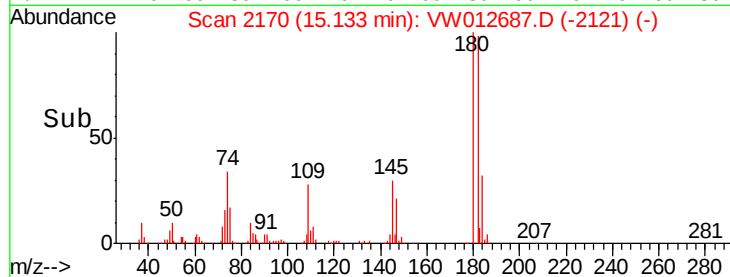
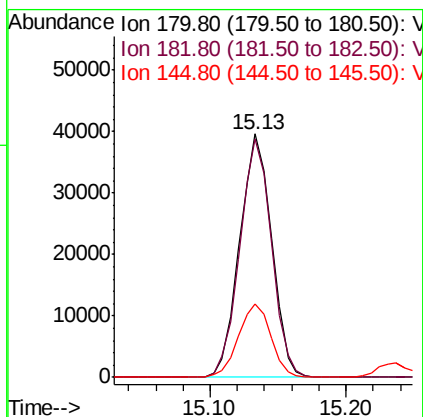
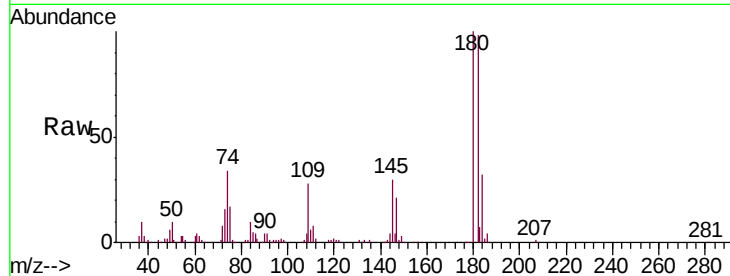




#93
 1,2,4-Trichlorobenzene
 Concen: 23.167 ug/l
 RT: 15.13 min Scan# 2170
 Delta R.T. -0.00 min
 Lab File: VW012687.D
 Acq: 06 Sep 2019 13:24

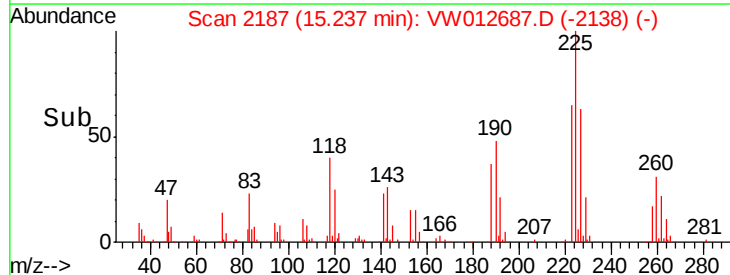
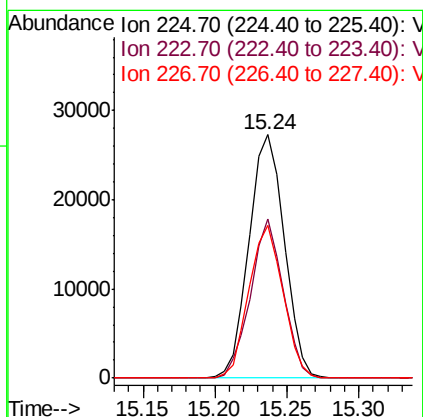
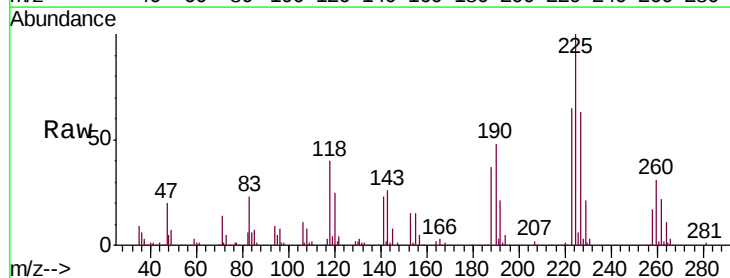
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0906SBSD02

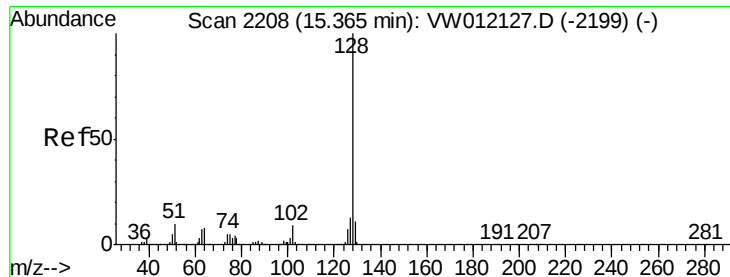
Tgt Ion:180 Resp: 65281
 Ion Ratio Lower Upper
 180 100
 182 97.3 47.8 143.4
 145 30.5 15.0 45.1



#94
 Hexachlorobutadiene
 Concen: 24.876 ug/l
 RT: 15.24 min Scan# 2187
 Delta R.T. -0.00 min
 Lab File: VW012687.D
 Acq: 06 Sep 2019 13:24

Tgt Ion:225 Resp: 46285
 Ion Ratio Lower Upper
 225 100
 223 60.2 32.3 96.8
 227 60.8 32.9 98.6





#95

Naphthalene

Concen: 22.617 ug/l

RT: 15.36 min Scan# 2208

Delta R.T. 0.00 min

Lab File: VW012687.D

Acq: 06 Sep 2019 13:24

Instrument :

MSVOA_W

ClientSampleId :

VW0906SBSD02

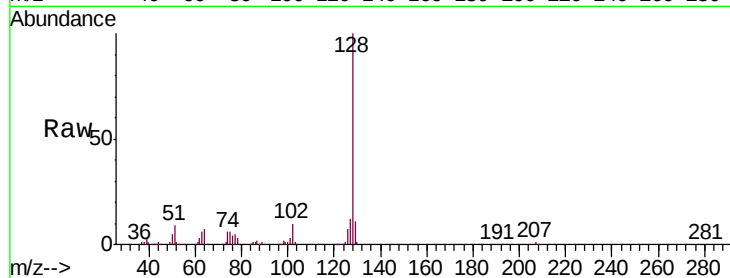
Tgt Ion:128 Resp: 110733

Ion Ratio Lower Upper

128 100

127 13.7 10.7 16.1

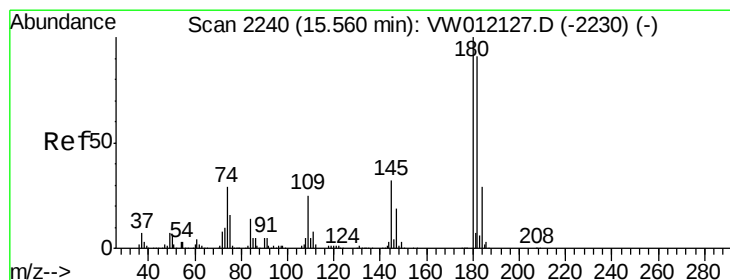
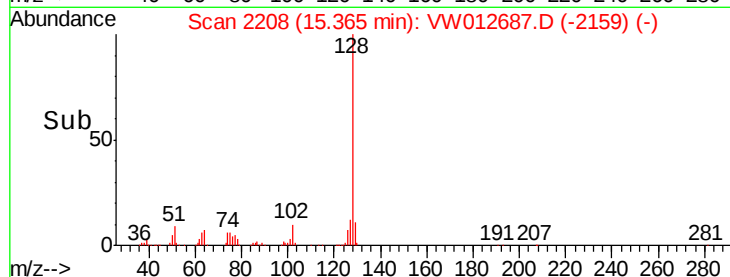
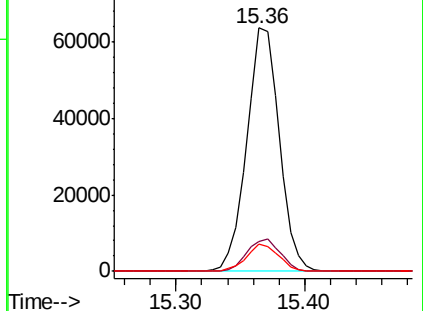
129 11.1 8.7 13.1



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 23.232 ug/l

RT: 15.55 min Scan# 2239

Delta R.T. -0.01 min

Lab File: VW012687.D

Acq: 06 Sep 2019 13:24

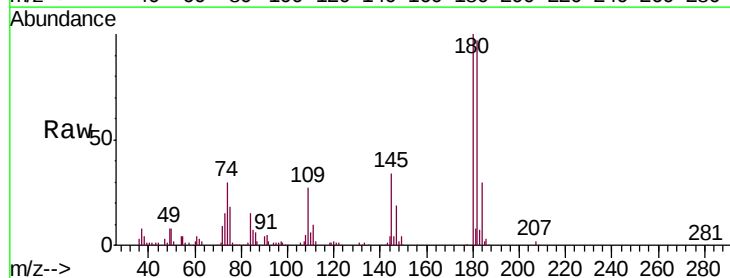
Tgt Ion:180 Resp: 57116

Ion Ratio Lower Upper

180 100

182 94.6 47.1 141.3

145 32.2 16.2 48.5



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

