

Data File : VW012367.D
Acq On : 30 Aug 2019 23:54
Operator : SY/VA
Sample : VW0830SBSD02
Misc : 5.00G/5ML/MSVOA_W/SOIL
ALS Vial : 34 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VW0830SBSD02

Quant Time: Aug 31 03:09:42 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	174310	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	278488	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	245735	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	121682	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	122403	59.07	ug/l	0.00
Spiked Amount	50.000		Recovery	=	118.14%	
35) Dibromofluoromethane	7.88	113	92116	55.41	ug/l	0.00
Spiked Amount	50.000		Recovery	=	110.82%	
50) Toluene-d8	10.32	98	374730	55.60	ug/l	0.00
Spiked Amount	50.000		Recovery	=	111.20%	
62) 4-Bromofluorobenzene	12.62	95	134555	56.63	ug/l	0.00
Spiked Amount	50.000		Recovery	=	113.26%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.01	85	20257	18.874	ug/l	99
3) Chloromethane	2.21	50	35678	21.456	ug/l	97
4) Vinyl Chloride	2.35	62	42134	20.702	ug/l	99
5) Bromomethane	2.76	94	22060	21.402	ug/l	97
6) Chloroethane	2.92	64	24512	21.350	ug/l	97
7) Trichlorofluoromethane	3.25	101	21579	21.115	ug/l	100
8) Diethyl Ether	3.68	74	21509	22.173	ug/l	89
9) 1,1,2-Trichlorotrifluoroet	4.06	101	38034	21.895	ug/l	100
10) Methyl Iodide	4.27	142	49771	21.176	ug/l	98
11) Tert butyl alcohol	5.17	59	18864	151.276	ug/l	97
12) 1,1-Dichloroethene	4.03	96	37485	21.439	ug/l	98
13) Acrolein	3.89	56	10567	90.022	ug/l	95
14) Allyl chloride	4.67	41	79962	21.393	ug/l	100
15) Acrylonitrile	5.36	53	63518	132.107	ug/l	99
16) Acetone	4.12	43	58305	110.076	ug/l	100
17) Carbon Disulfide	4.38	76	93367	17.670	ug/l	99
18) Methyl Acetate	4.67	43	38573	29.402	ug/l	99
19) Methyl tert-butyl Ether	5.42	73	69669	24.640	ug/l	92
20) Methylene Chloride	4.92	84	46037	22.991	ug/l	98
21) trans-1,2-Dichloroethene	5.42	96	39866	21.263	ug/l	99
22) Diisopropyl ether	6.31	45	162908	23.513	ug/l	96
23) Vinyl Acetate	6.25	43	500047	117.275	ug/l	99
24) 1,1-Dichloroethane	6.21	63	84637	22.436	ug/l	99
25) 2-Butanone	7.17	43	90691	126.000	ug/l	99
26) 2,2-Dichloropropane	7.17	77	46595	21.822	ug/l	99
27) cis-1,2-Dichloroethene	7.17	96	45402	22.665	ug/l	99
28) Bromochloromethane	7.51	49	40276	24.496	ug/l	100
29) Tetrahydrofuran	7.53	42	60914	141.060	ug/l	98
30) Chloroform	7.68	83	80667	23.372	ug/l	100
31) Cyclohexane	7.95	56	74630	19.996	ug/l	97
32) 1,1,1-Trichloroethane	7.87	97	63415	23.226	ug/l	99
36) 1,1-Dichloropropene	8.08	75	63159	21.947	ug/l	99
37) Ethyl Acetate	7.25	43	40704	25.811	ug/l	98
38) Carbon Tetrachloride	8.07	117	56181	22.555	ug/l	92

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Quant Title : SW846 8260
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	66418	20.544	ug/l	99
40) Benzene	8.32	78	174141	22.160	ug/l	98
41) Methacrylonitrile	7.48	41	24655	26.600	ug/l	98
42) 1,2-Dichloroethane	8.40	62	59278	24.069	ug/l	99
43) Isopropyl Acetate	8.42	43	75596	25.879	ug/l	100
44) Trichloroethene	9.09	130	41732	21.846	ug/l	95
45) 1,2-Dichloropropane	9.37	63	48564	22.963	ug/l	99
46) Dibromomethane	9.46	93	22839	24.272	ug/l	98
47) Bromodichloromethane	9.65	83	57098	22.800	ug/l	98
48) Methyl methacrylate	9.43	41	34829	25.051	ug/l	99
49) 1,4-Dioxane	9.45	88	7875	546.679	ug/l	97
51) 4-Methyl-2-Pentanone	10.21	43	200188	134.736	ug/l	99
52) Toluene	10.38	92	106011	22.456	ug/l	100
53) t-1,3-Dichloropropene	10.60	75	58330	22.866	ug/l	96
54) cis-1,3-Dichloropropene	10.07	75	67458	21.901	ug/l	98
55) 1,1,2-Trichloroethane	10.79	97	32899	24.711	ug/l	99
56) Ethyl methacrylate	10.65	69	47222	24.371	ug/l	95
57) 1,3-Dichloropropane	10.93	76	61258	24.348	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.92	63	120825	121.499	ug/l	99
59) 2-Hexanone	10.97	43	136725	130.055	ug/l	100
60) Dibromochloromethane	11.13	129	35346	23.836	ug/l	100
61) 1,2-Dibromoethane	11.23	107	29867	24.080	ug/l	99
64) Tetrachloroethene	10.86	164	36061	22.635	ug/l	98
65) Chlorobenzene	11.66	112	107596	22.236	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.73	131	37975	22.496	ug/l	97
67) Ethyl Benzene	11.73	91	206172	22.119	ug/l	99
68) m/p-Xylenes	11.84	106	150024	44.683	ug/l	99
69) o-Xylene	12.16	106	69312	22.305	ug/l	98
70) Styrene	12.18	104	120998	22.495	ug/l	99
71) Bromoform	12.35	173	20324	24.166	ug/l #	99
73) Isopropylbenzene	12.46	105	197355	21.645	ug/l	99
74) N-amyl acetate	12.27	43	67282	24.424	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.71	83	40855	24.441	ug/l	100
76) 1,2,3-Trichloropropane	12.77	75	53505	45.148	ug/l #	100
77) Bromobenzene	12.74	156	44010	22.311	ug/l	99
78) n-propylbenzene	12.80	91	242163	21.756	ug/l	99
79) 2-Chlorotoluene	12.89	91	137971	21.832	ug/l	100
80) 1,3,5-Trimethylbenzene	12.94	105	170772	22.414	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.51	75	11876	21.972	ug/l	96
82) 4-Chlorotoluene	12.99	91	146076	22.076	ug/l	99
83) tert-Butylbenzene	13.21	119	143535	22.241	ug/l	99
84) 1,2,4-Trimethylbenzene	13.25	105	170220	22.241	ug/l	99
85) sec-Butylbenzene	13.38	105	204242	22.089	ug/l	100
86) p-Isopropyltoluene	13.50	119	183232	22.190	ug/l	100
87) 1,3-Dichlorobenzene	13.50	146	85488	22.157	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	86038	22.459	ug/l	99
89) n-Butylbenzene	13.82	91	180790	22.017	ug/l	100
90) Hexachloroethane	14.09	117	31837	21.976	ug/l	98
91) 1,2-Dichlorobenzene	13.87	146	78064	23.064	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	7461	26.476	ug/l	91

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW083019\
Quantitation Report (Not Reviewed)

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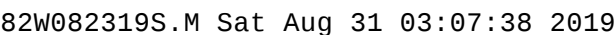
Instrument :
MSVOA_W
ClientSampleId :
VW0830SBSD02

Quant Time: Aug 31 03:09:42 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)
93) 1,2,4-Trichlorobenzene	15.13	180	53009	22.663	ug/l	98
94) Hexachlorobutadiene	15.24	225	37268	24.130	ug/l	97
95) Naphthalene	15.36	128	100224	24.270	ug/l	99
96) 1,2,3-Trichlorobenzene	15.55	180	48262	23.649	ug/l	99

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

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Quant Title : SW846 8260
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.00 min

Lab File: VW012367.D

Acq: 30 Aug 2019 23:54

Instrument :

MSVOA_W

ClientSampleId :

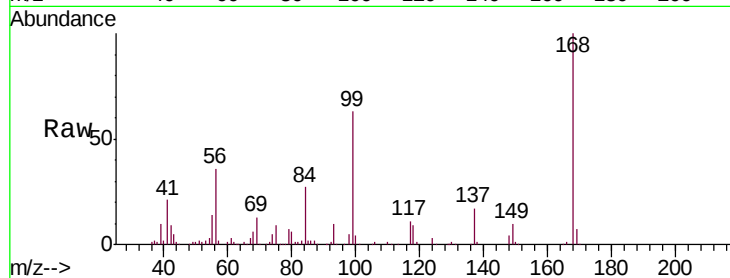
VW0830SBSD02

Tgt Ion:168 Resp: 174310

Ion Ratio Lower Upper

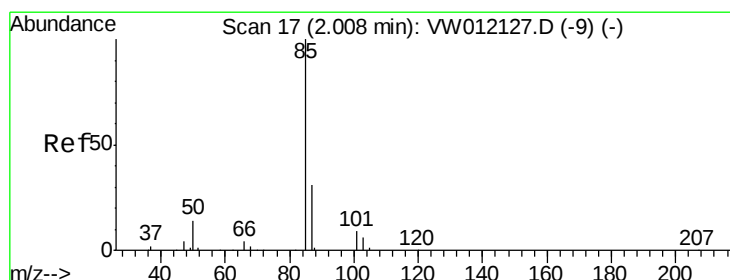
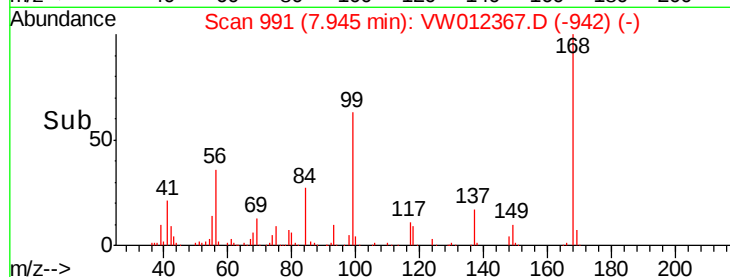
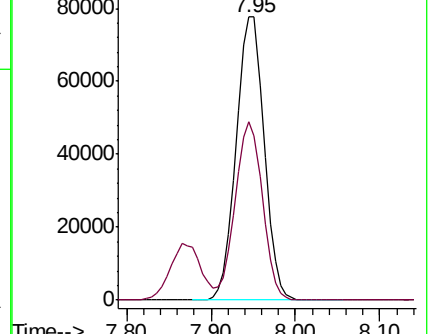
168 100

99 63.2 49.2 73.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#2

Dichlorodifluoromethane

Concen: 18.874 ug/l

RT: 2.01 min Scan# 17

Delta R.T. -0.00 min

Lab File: VW012367.D

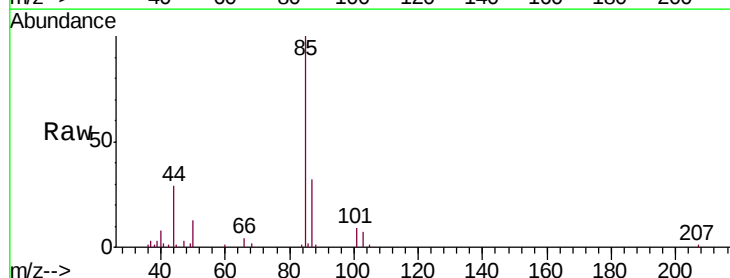
Acq: 30 Aug 2019 23:54

Tgt Ion: 85 Resp: 20257

Ion Ratio Lower Upper

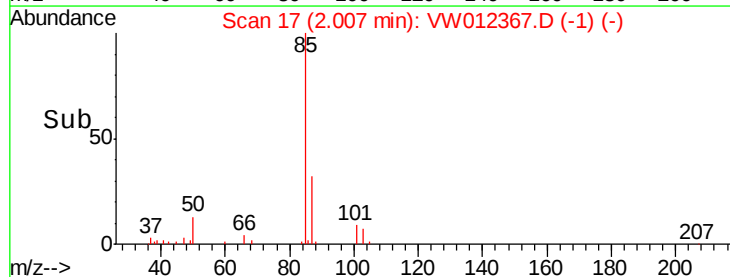
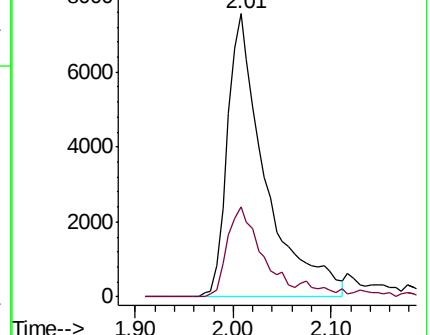
85 100

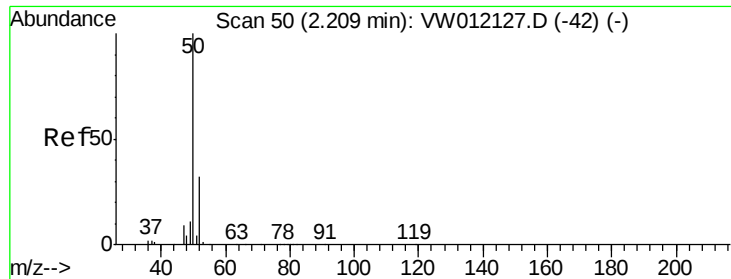
87 31.8 15.6 46.8



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW





#3

Chloromethane

Concen: 21.456 ug/l

RT: 2.21 min Scan# 50

Delta R.T. -0.00 min

Lab File: VW012367.D

Acq: 30 Aug 2019 23:54

Instrument :

MSVOA_W

ClientSampleId :

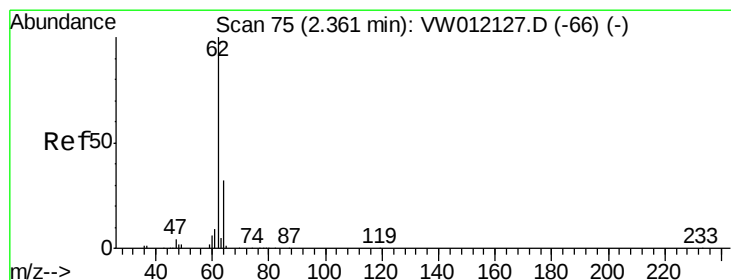
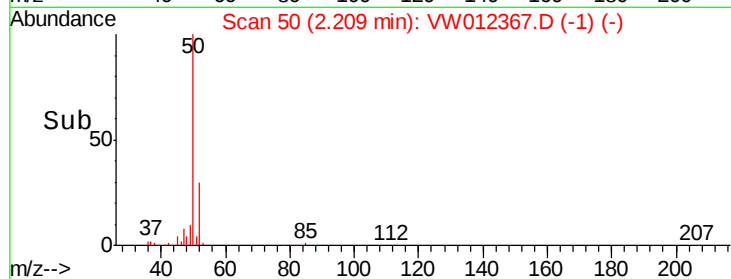
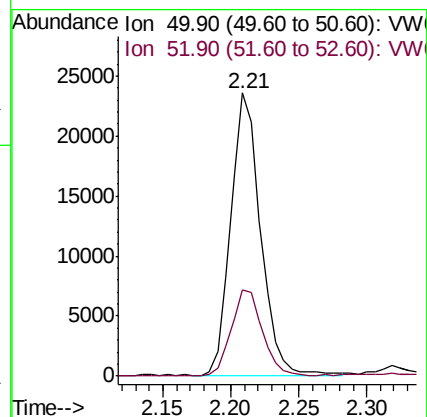
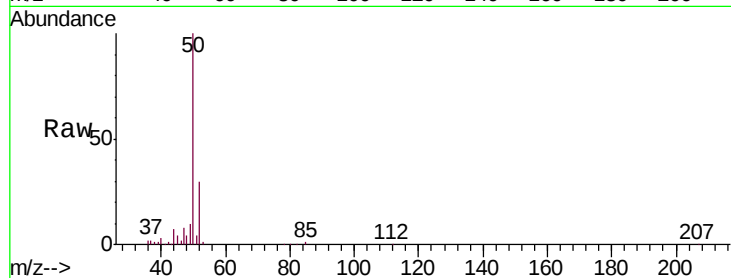
VW0830SBSD02

Tgt Ion: 50 Resp: 35678

Ion Ratio Lower Upper

50 100

52 30.4 25.5 38.3



#4

Vinyl Chloride

Concen: 20.702 ug/l

RT: 2.35 min Scan# 74

Delta R.T. -0.01 min

Lab File: VW012367.D

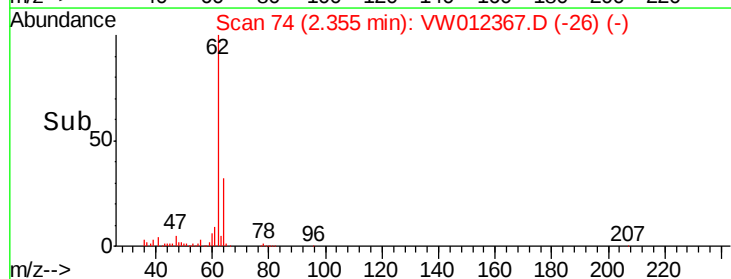
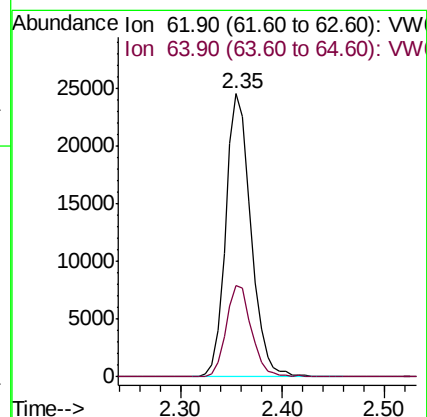
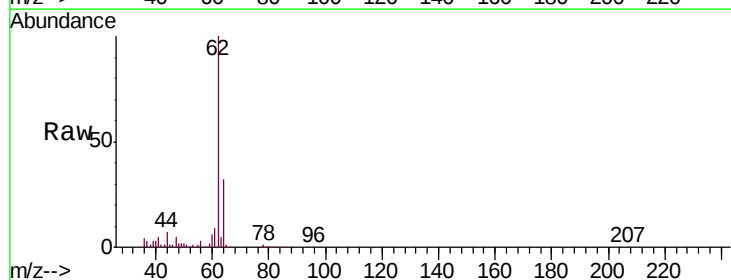
Acq: 30 Aug 2019 23:54

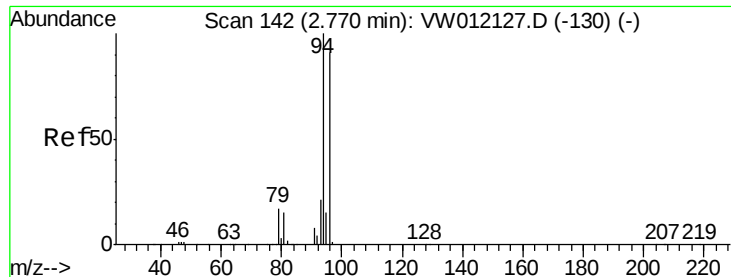
Tgt Ion: 62 Resp: 42134

Ion Ratio Lower Upper

62 100

64 32.4 25.3 37.9





#5

Bromomethane

Concen: 21.402 ug/l

RT: 2.76 min Scan# 140

Delta R.T. -0.01 min

Lab File: VW012367.D

Acq: 30 Aug 2019 23:54

Instrument :

MSVOA_W

ClientSampleId :

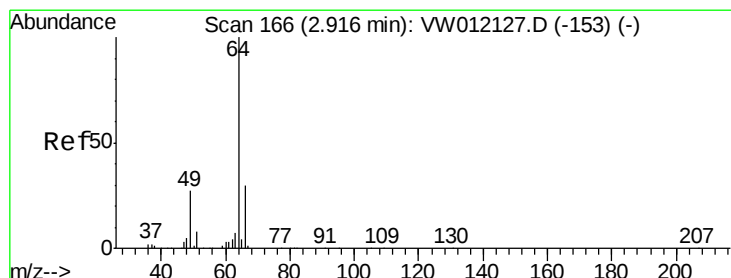
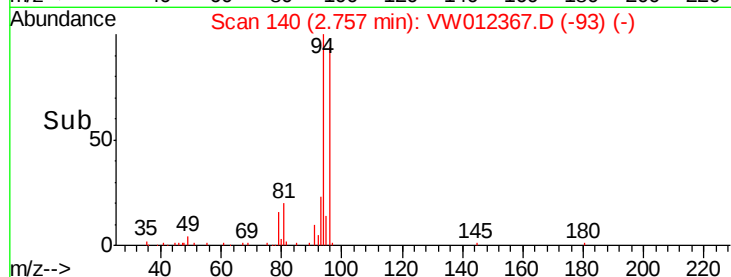
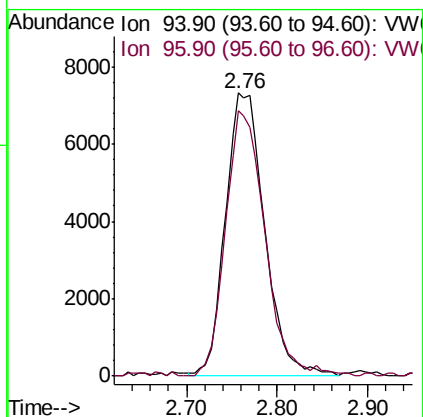
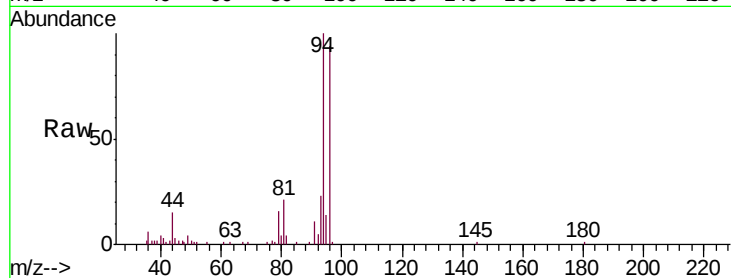
VW0830SBSD02

Tgt Ion: 94 Resp: 22060

Ion Ratio Lower Upper

94 100

96 93.7 72.9 109.3



#6

Chloroethane

Concen: 21.350 ug/l

RT: 2.92 min Scan# 166

Delta R.T. -0.00 min

Lab File: VW012367.D

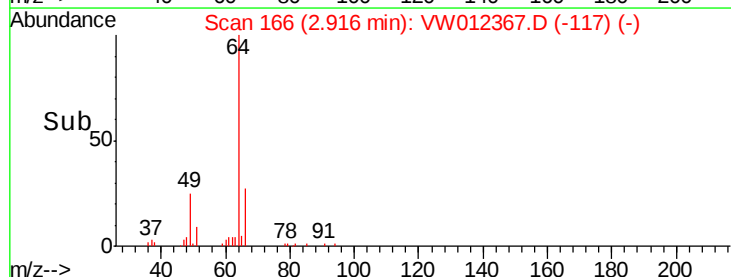
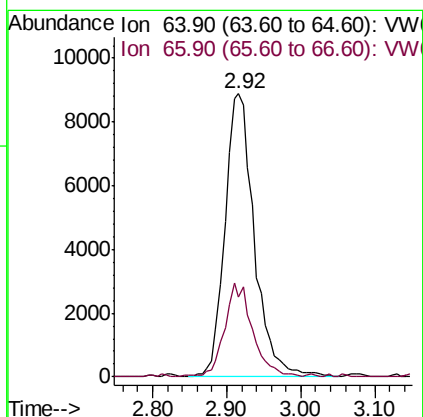
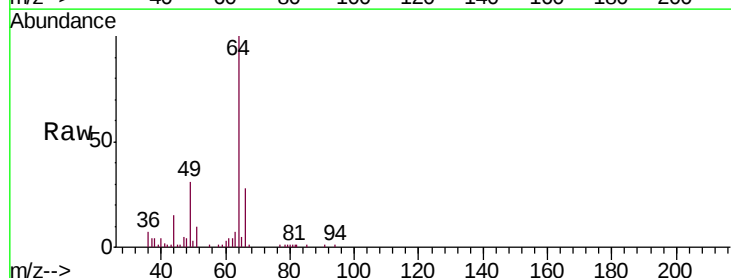
Acq: 30 Aug 2019 23:54

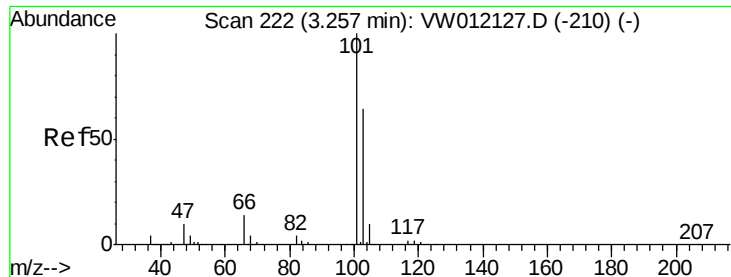
Tgt Ion: 64 Resp: 24512

Ion Ratio Lower Upper

64 100

66 28.1 23.8 35.8



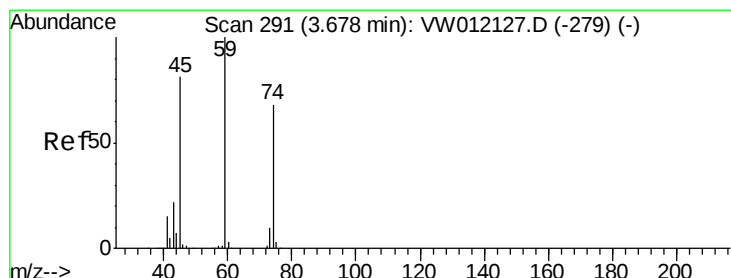
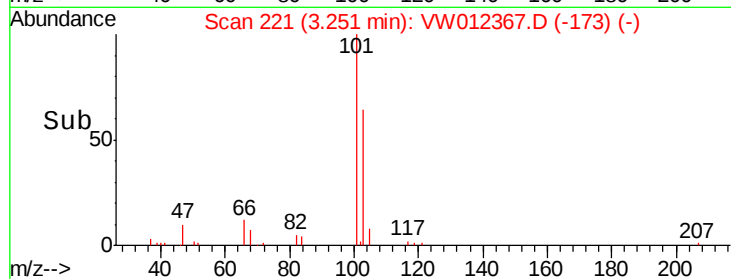
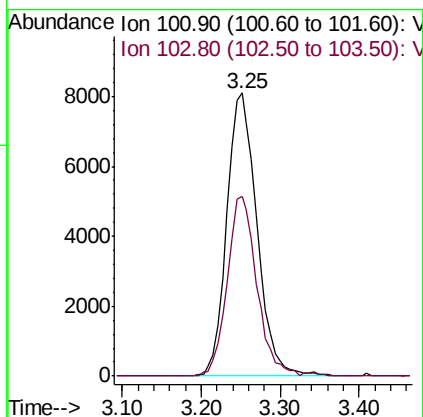
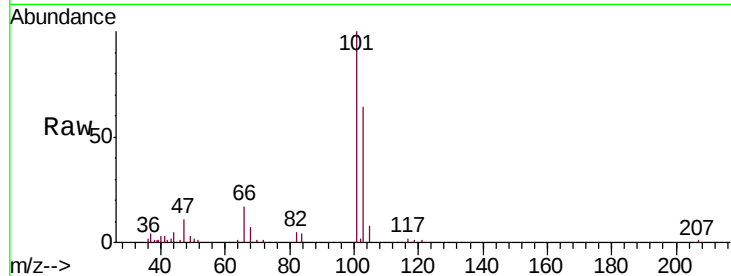


#7

Trichlorofluoromethane
 Concen: 21.115 ug/l
 RT: 3.25 min Scan# 221
 Delta R.T. -0.01 min
 Lab File: VW012367.D
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Instrument :
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 VW0830SBSD02

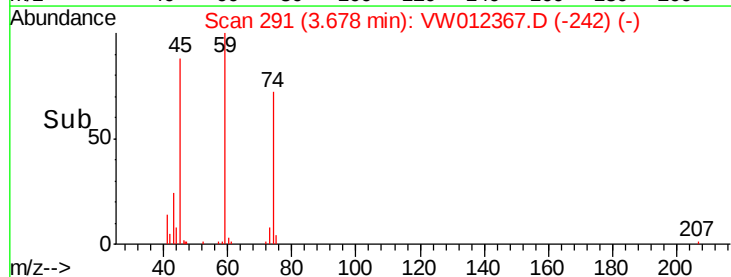
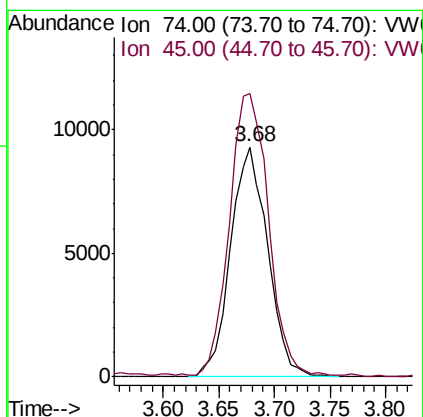
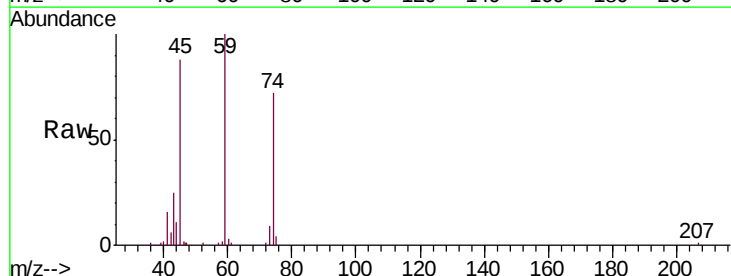
Tgt Ion:101 Resp: 21579
 Ion Ratio Lower Upper
 101 100
 103 63.6 51.2 76.8

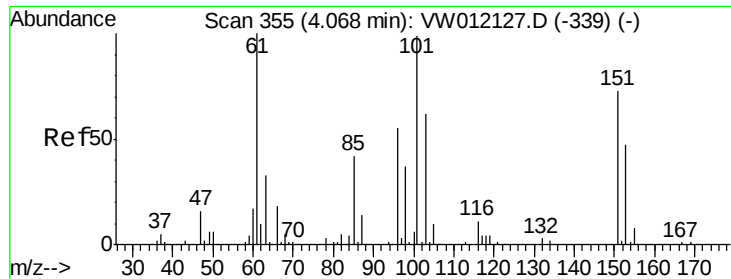


#8

Diethyl Ether
 Concen: 22.173 ug/l
 RT: 3.68 min Scan# 291
 Delta R.T. -0.00 min
 Lab File: VW012367.D
 Acq: 30 Aug 2019 23:54

Tgt Ion: 74 Resp: 21509
 Ion Ratio Lower Upper
 74 100
 45 131.0 59.2 177.6





#9

1,1,2-Trichlorotrifluoroethane

Concen: 21.895 ug/l

RT: 4.06 min Scan# 354

Delta R.T. -0.01 min

Lab File: VW012367.D

Acq: 30 Aug 2019 23:54

Instrument :

MSVOA_W

ClientSampleId :

VW0830SBSD02

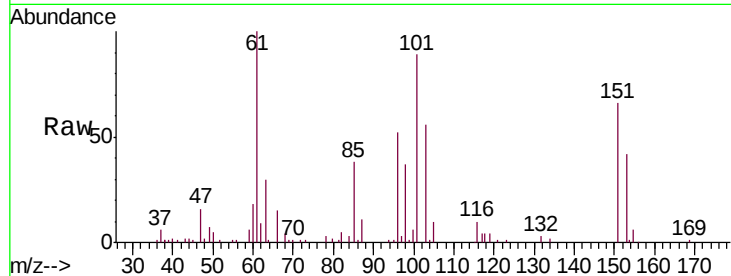
Tgt Ion:101 Resp: 38034

Ion Ratio Lower Upper

101 100

85 45.0 35.8 53.6

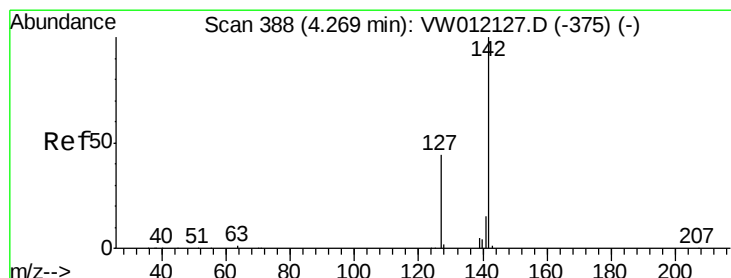
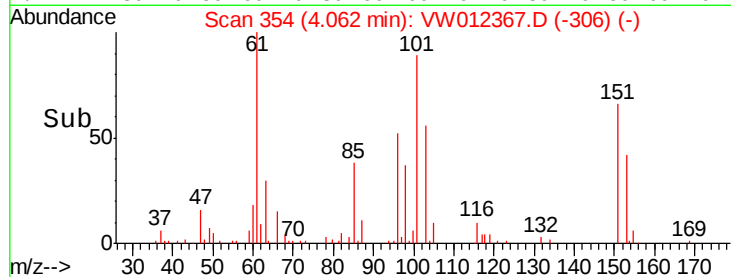
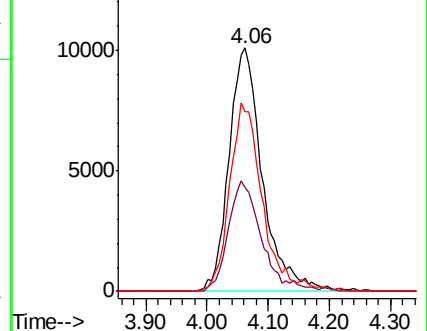
151 73.4 58.6 87.8



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: 21.176 ug/l

RT: 4.27 min Scan# 388

Delta R.T. -0.00 min

Lab File: VW012367.D

Acq: 30 Aug 2019 23:54

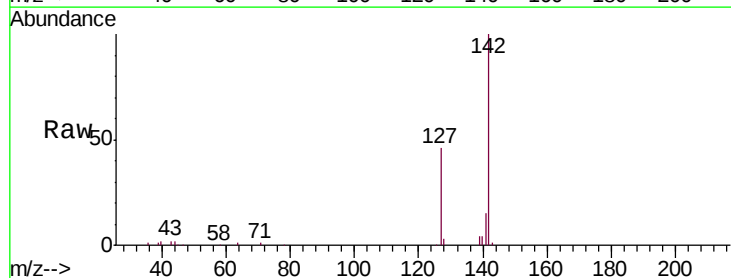
Tgt Ion:142 Resp: 49771

Ion Ratio Lower Upper

142 100

127 45.9 35.5 53.3

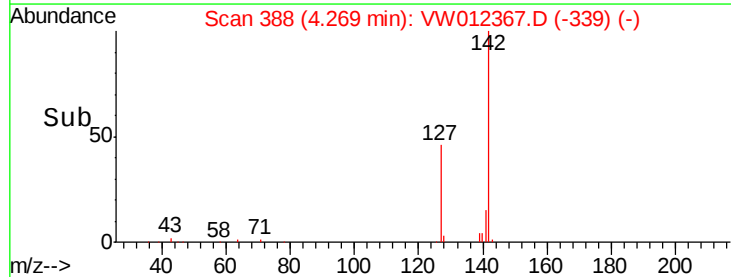
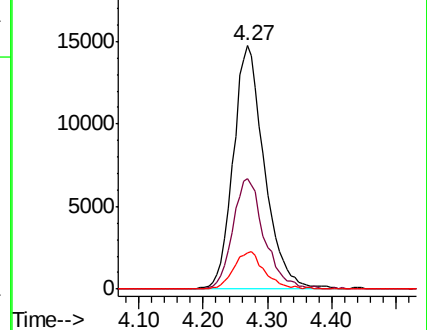
141 15.4 11.8 17.8

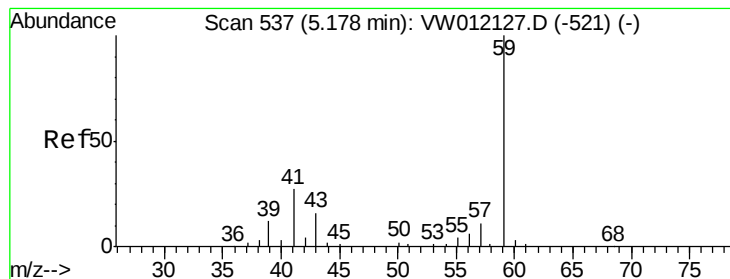


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



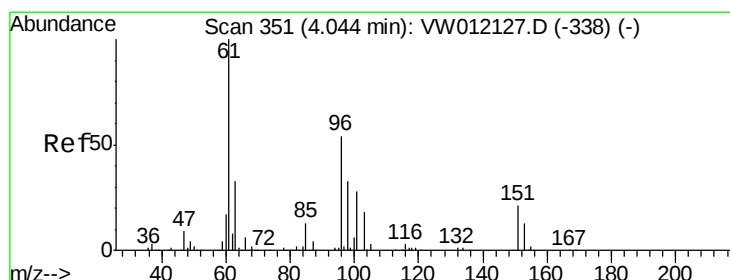
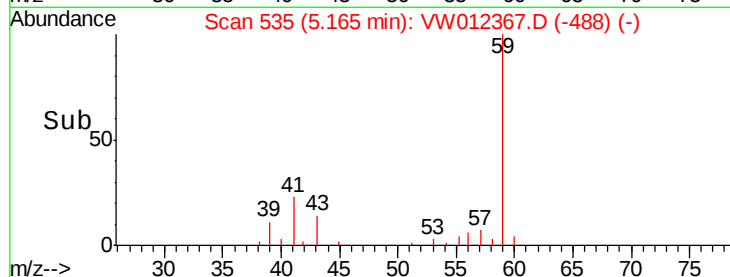
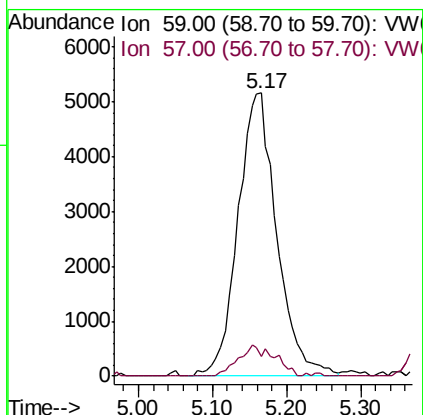
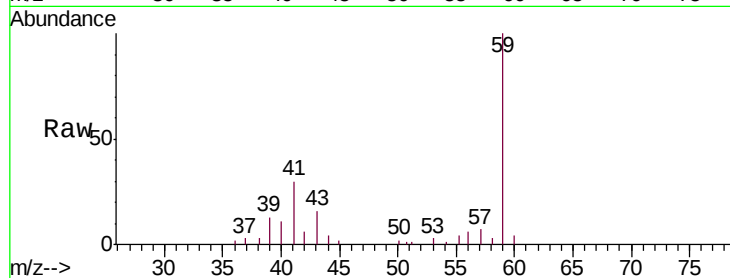


#11

Tert butyl alcohol
 Concen: 151.276 ug/l
 RT: 5.17 min Scan# 535
 Delta R.T. -0.01 min
 Lab File: VW012367.D
 Acq: 30 Aug 2019 23:54

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0830SBSD02

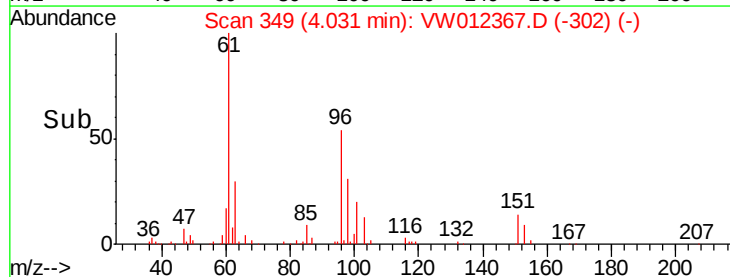
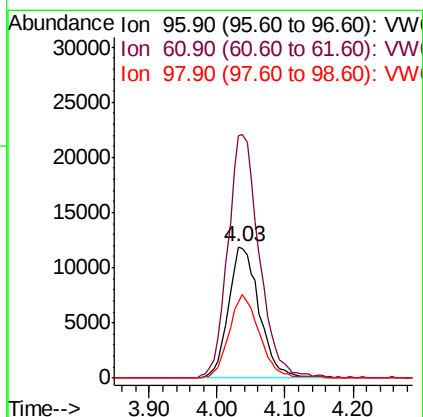
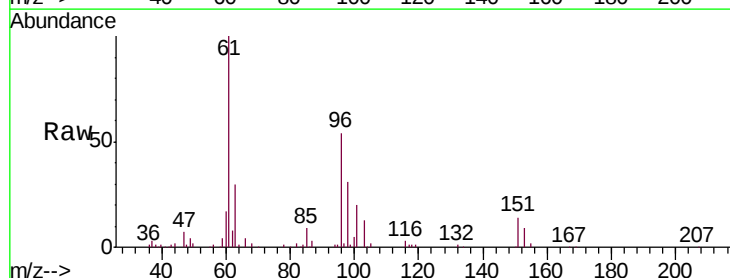
Tgt Ion: 59 Resp: 18864
 Ion Ratio Lower Upper
 59 100
 57 10.1 9.0 13.4

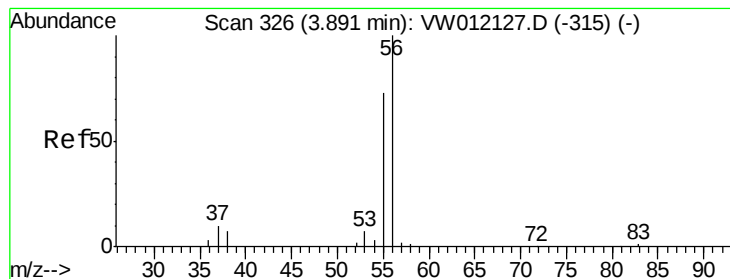


#12

1,1-Dichloroethene
 Concen: 21.439 ug/l
 RT: 4.03 min Scan# 349
 Delta R.T. -0.01 min
 Lab File: VW012367.D
 Acq: 30 Aug 2019 23:54

Tgt Ion: 96 Resp: 37485
 Ion Ratio Lower Upper
 96 100
 61 185.3 149.1 223.7
 98 58.2 49.4 74.2





#13

Acrolein

Concen: 90.022 ug/l

RT: 3.89 min Scan# 326

Delta R.T. -0.00 min

Lab File: VW012367.D

Acq: 30 Aug 2019 23:54

Instrument :

MSVOA_W

ClientSampleId :

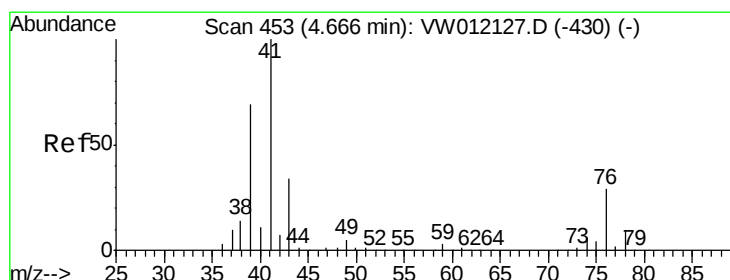
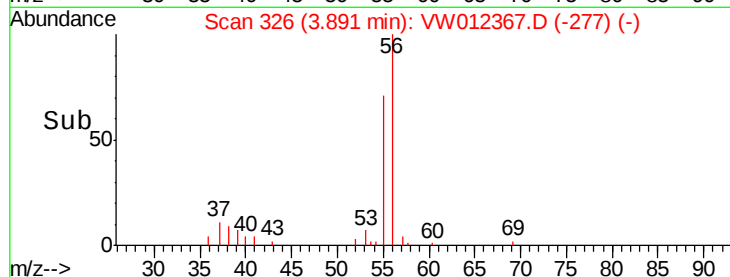
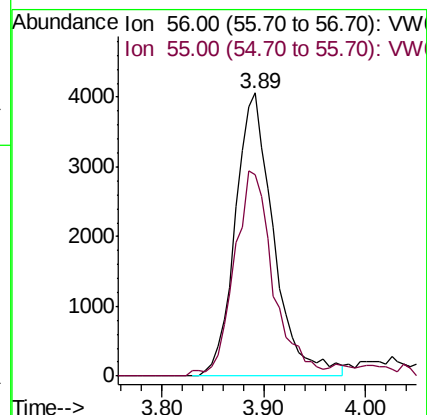
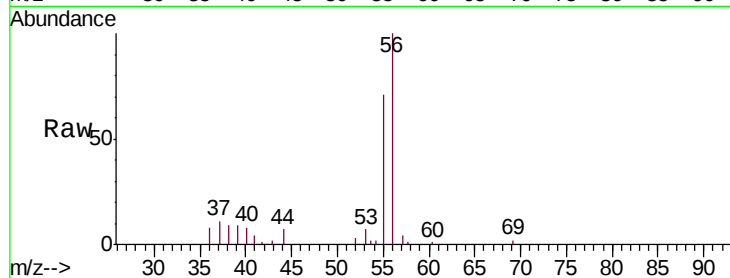
VW0830SBSD02

Tgt Ion: 56 Resp: 10567

Ion Ratio Lower Upper

56 100

55 73.5 55.8 83.8



#14

Allyl chloride

Concen: 21.393 ug/l

RT: 4.67 min Scan# 453

Delta R.T. -0.00 min

Lab File: VW012367.D

Acq: 30 Aug 2019 23:54

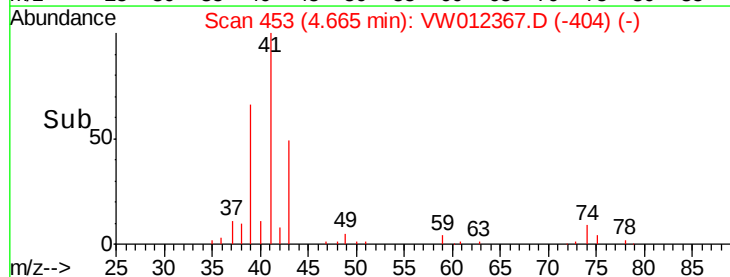
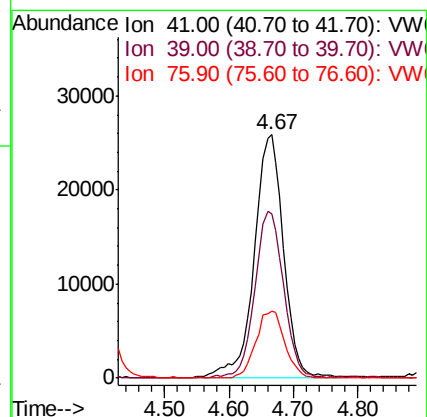
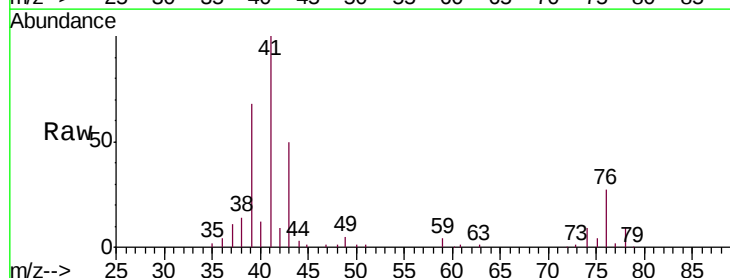
Tgt Ion: 41 Resp: 79962

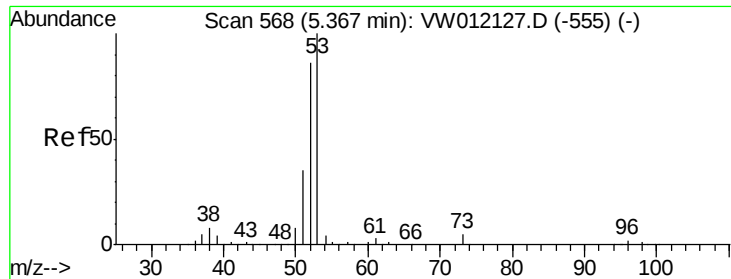
Ion Ratio Lower Upper

41 100

39 66.7 53.4 80.2

76 27.3 22.1 33.1





#15

Acrylonitrile

Concen: 132.107 ug/l

RT: 5.36 min Scan# 567

Delta R.T. -0.01 min

Lab File: VW012367.D

Acq: 30 Aug 2019 23:54

Instrument :

MSVOA_W

ClientSampleId :

VW0830SBS02

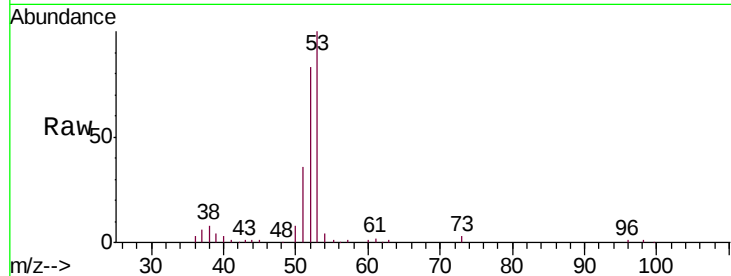
Tgt Ion: 53 Resp: 63518

Ion Ratio Lower Upper

53 100

52 84.1 66.7 100.1

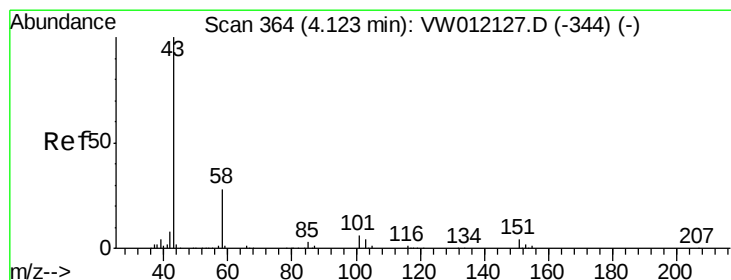
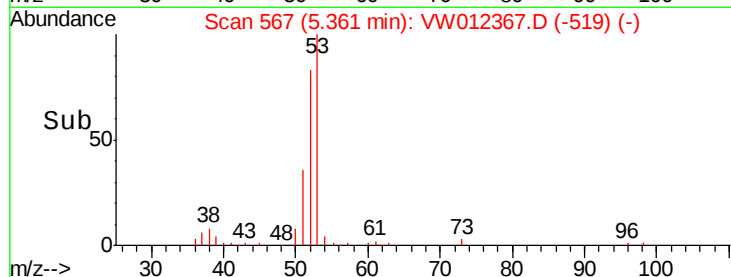
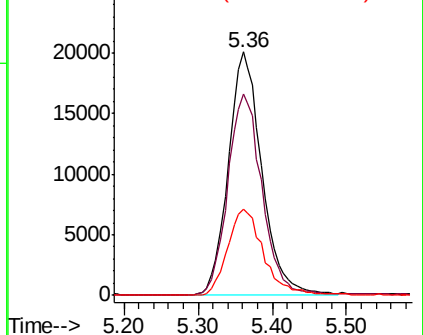
51 37.8 30.1 45.1



Abundance Ion 53.00 (52.70 to 53.70): VW

Ion 52.00 (51.70 to 52.70): VW

Ion 51.00 (50.70 to 51.70): VW



#16

Acetone

Concen: 110.076 ug/l

RT: 4.12 min Scan# 363

Delta R.T. -0.01 min

Lab File: VW012367.D

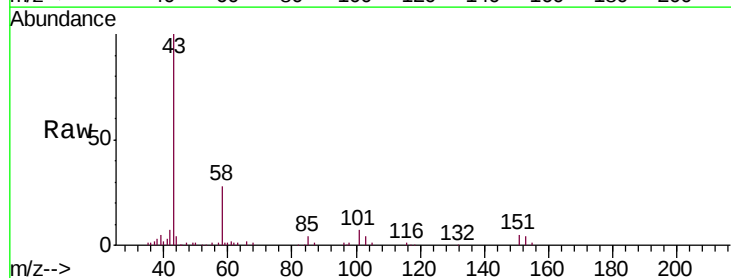
Acq: 30 Aug 2019 23:54

Tgt Ion: 43 Resp: 58305

Ion Ratio Lower Upper

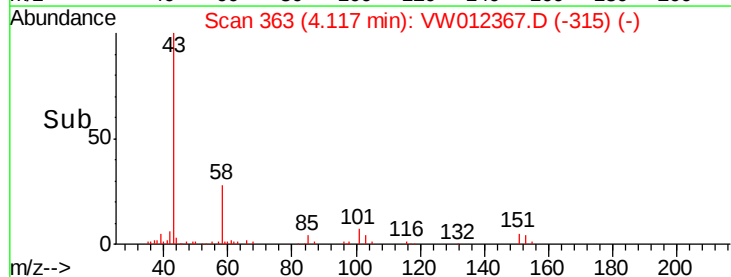
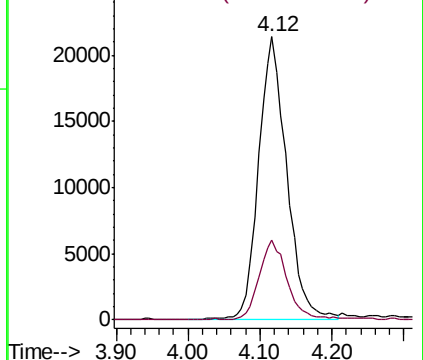
43 100

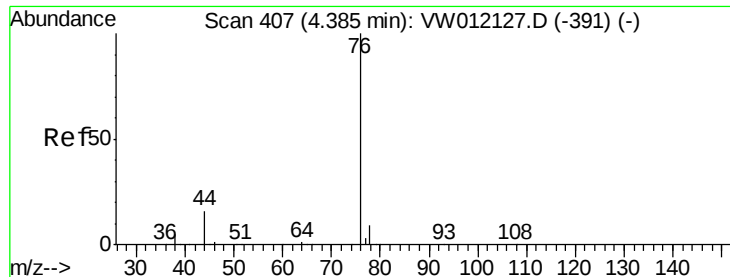
58 27.9 22.4 33.6



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

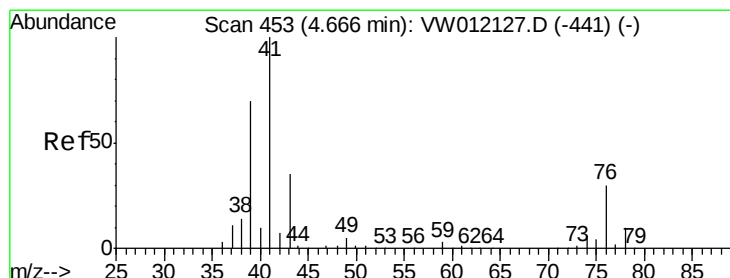
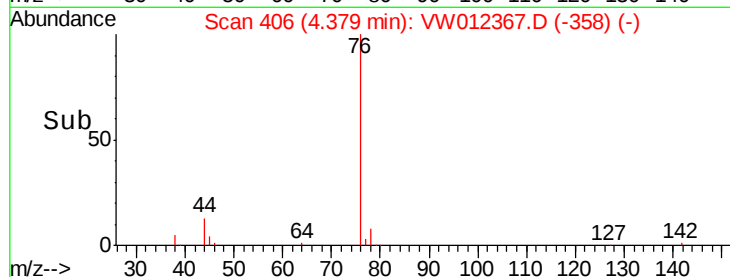
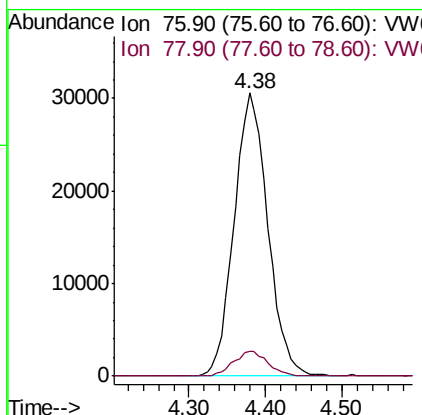
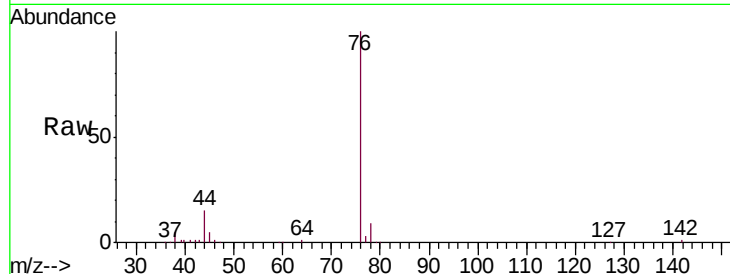




#17
Carbon Disulfide
Concen: 17.670 ug/l
RT: 4.38 min Scan# 406
Delta R.T. -0.01 min
Lab File: VW012367.D
Acq: 30 Aug 2019 23:54

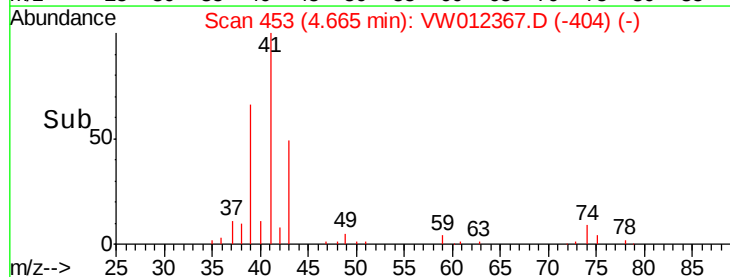
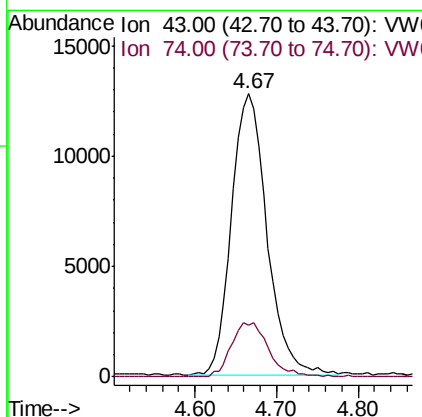
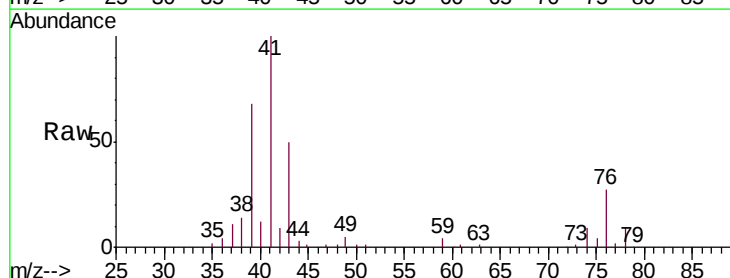
Instrument :
MSVOA_W
ClientSampleId :
VW0830SBSD02

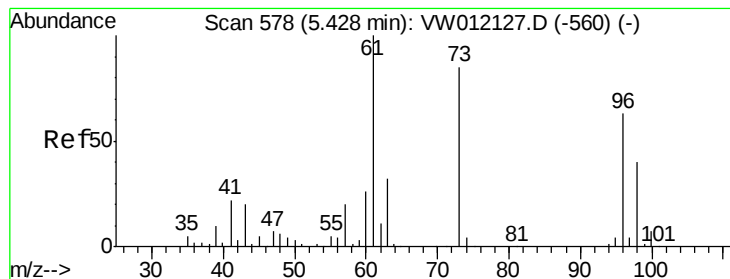
Tgt Ion: 76 Resp: 93367
Ion Ratio Lower Upper
76 100
78 8.8 7.3 10.9



#18
Methyl Acetate
Concen: 29.402 ug/l
RT: 4.67 min Scan# 453
Delta R.T. -0.00 min
Lab File: VW012367.D
Acq: 30 Aug 2019 23:54

Tgt Ion: 43 Resp: 38573
Ion Ratio Lower Upper
43 100
74 20.2 15.7 23.5





#19

Methyl tert-butyl Ether

Concen: 24.640 ug/l

RT: 5.42 min Scan# 577

Delta R.T. -0.01 min

Lab File: VW012367.D

Acq: 30 Aug 2019 23:54

Instrument :

MSVOA_W

ClientSampleId :

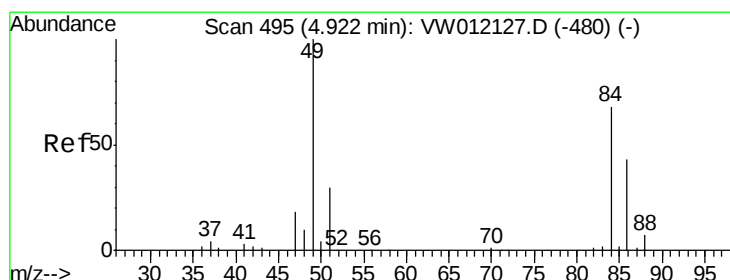
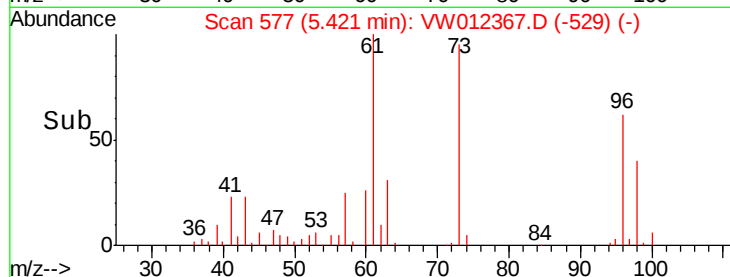
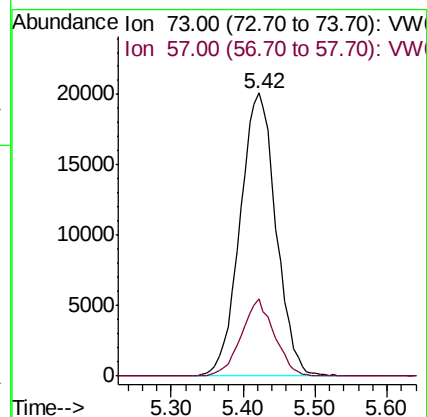
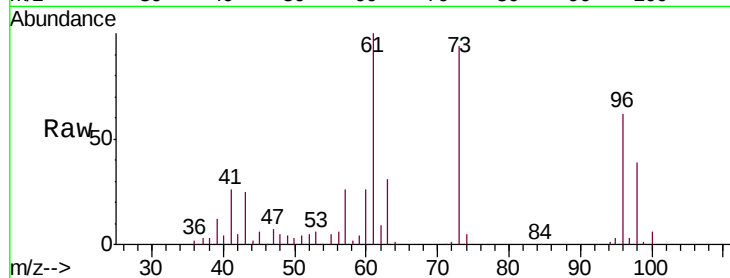
VW0830SBSD02

Tgt Ion: 73 Resp: 69669

Ion Ratio Lower Upper

73 100

57 27.4 18.9 28.3



#20

Methylene Chloride

Concen: 22.991 ug/l

RT: 4.92 min Scan# 494

Delta R.T. -0.01 min

Lab File: VW012367.D

Acq: 30 Aug 2019 23:54

Tgt Ion: 84 Resp: 46037

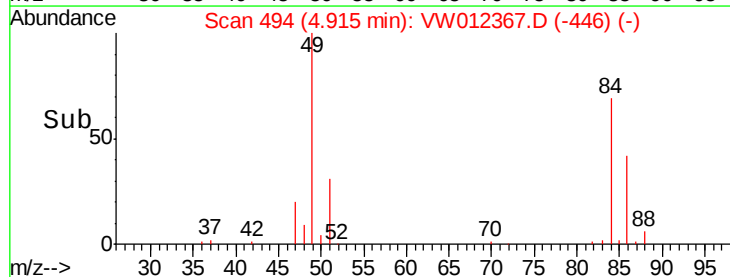
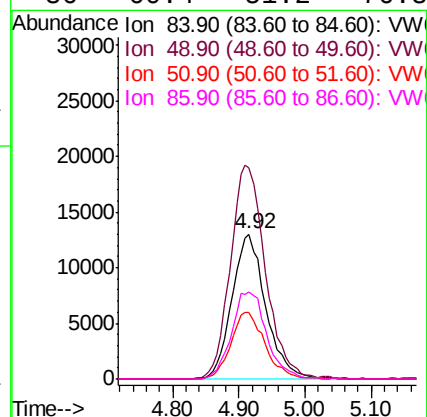
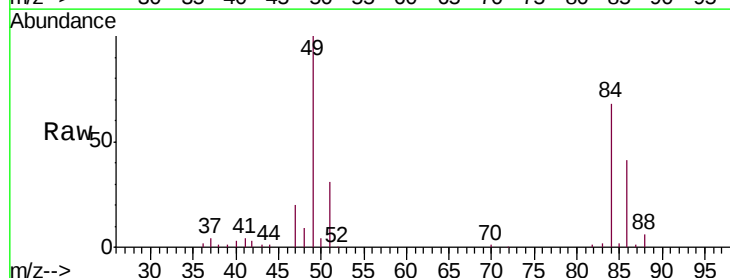
Ion Ratio Lower Upper

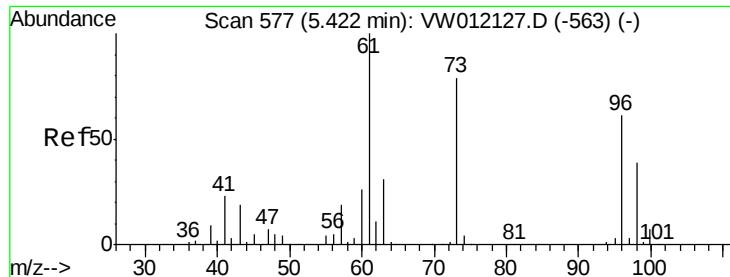
84 100

49 146.1 117.8 176.8

51 45.8 35.6 53.4

86 60.4 51.2 76.8





#21

trans-1,2-Dichloroethene

Concen: 21.263 ug/l

RT: 5.42 min Scan# 577

Delta R.T. -0.00 min

Lab File: VW012367.D

Acq: 30 Aug 2019 23:54

Instrument :

MSVOA_W

ClientSampleId :

VW0830SBSD02

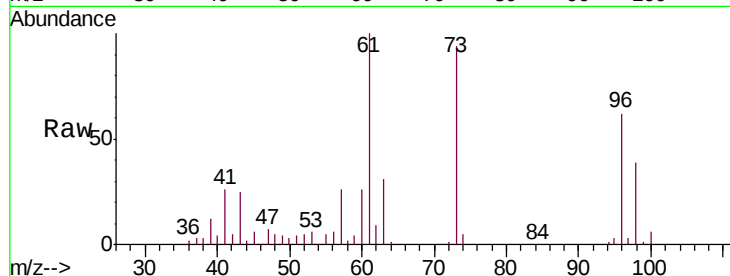
Tgt Ion: 96 Resp: 39866

Ion Ratio Lower Upper

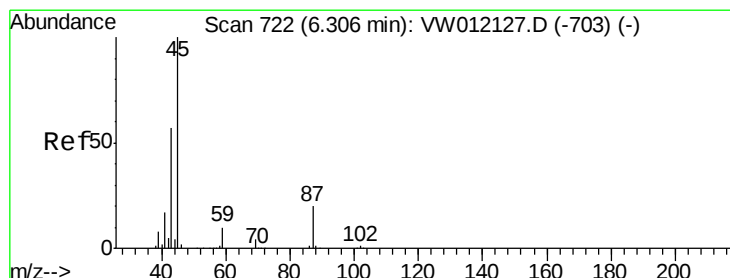
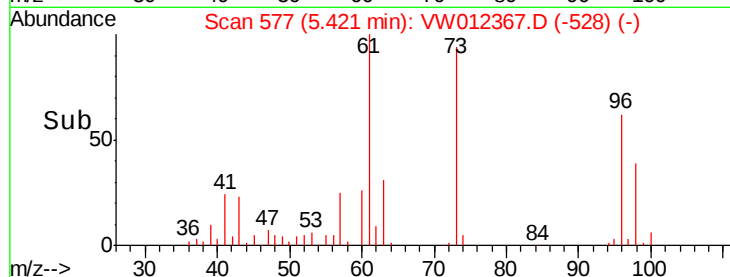
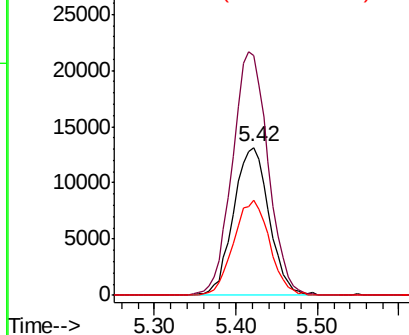
96 100

61 162.0 131.4 197.0

98 63.9 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: 23.513 ug/l

RT: 6.31 min Scan# 723

Delta R.T. 0.01 min

Lab File: VW012367.D

Acq: 30 Aug 2019 23:54

Tgt Ion: 45 Resp: 162908

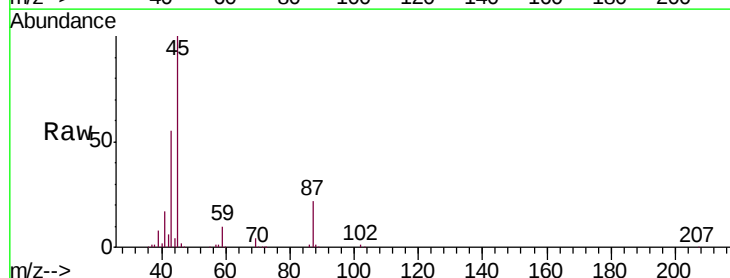
Ion Ratio Lower Upper

45 100

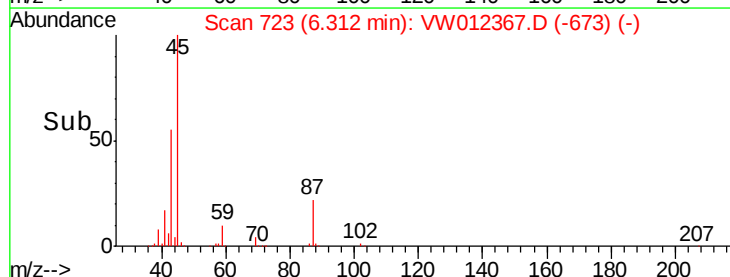
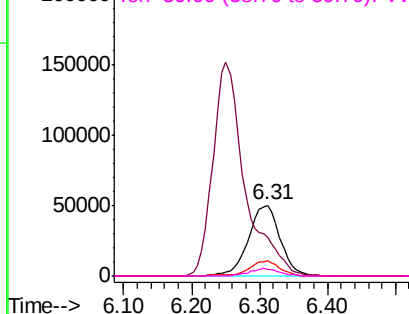
43 54.2 45.5 68.3

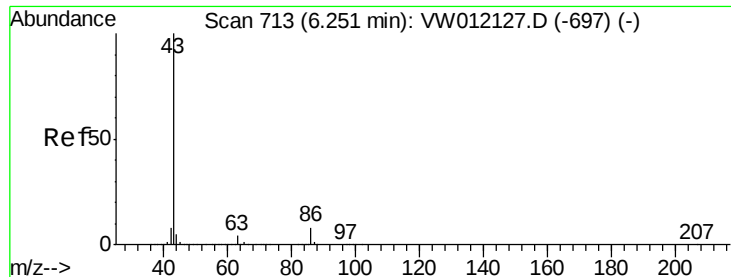
87 22.4 16.1 24.1

59 9.9 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

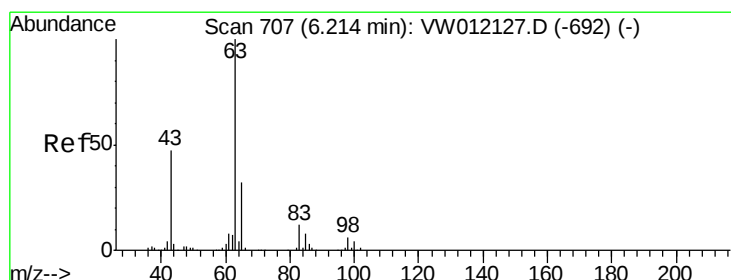
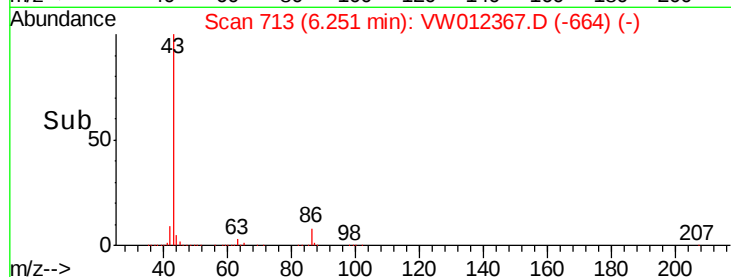
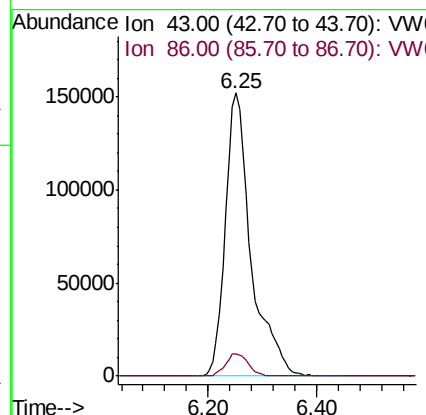
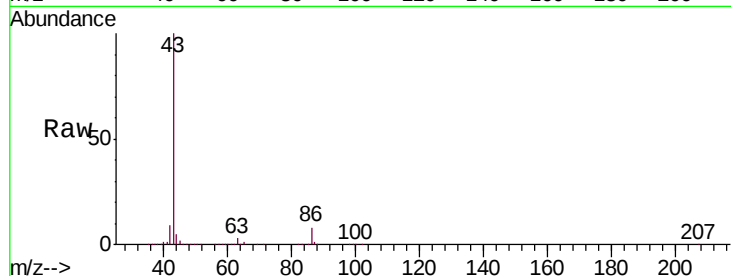




#23
 Vinyl Acetate
 Concen: 117.275 ug/l
 RT: 6.25 min Scan# 713
 Delta R.T. -0.00 min
 Lab File: VW012367.D
 Acq: 30 Aug 2019 23:54

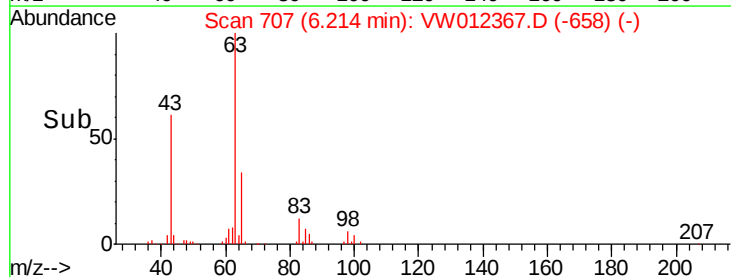
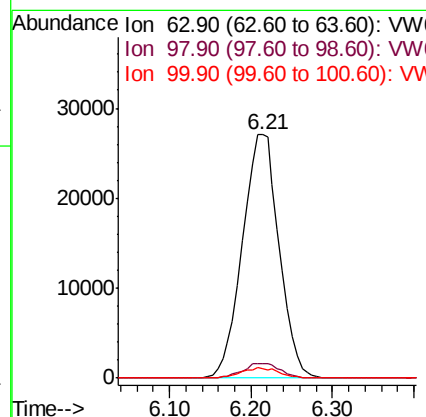
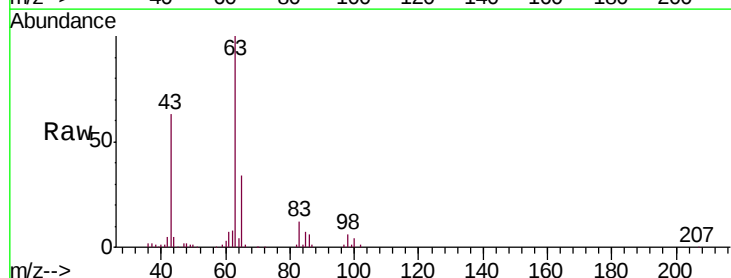
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0830SBSD02

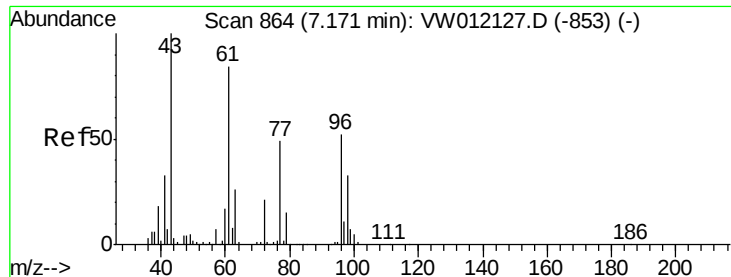
Tgt Ion: 43 Resp: 500047
 Ion Ratio Lower Upper
 43 100
 86 7.9 6.5 9.7



#24
 1,1-Dichloroethane
 Concen: 22.436 ug/l
 RT: 6.21 min Scan# 707
 Delta R.T. -0.00 min
 Lab File: VW012367.D
 Acq: 30 Aug 2019 23:54

Tgt Ion: 63 Resp: 84637
 Ion Ratio Lower Upper
 63 100
 98 5.9 3.0 9.2
 100 4.1 2.0 6.0





#25

2-Butanone

Concen: 126.000 ug/l

RT: 7.17 min Scan# 863

Delta R.T. -0.01 min

Lab File: VW012367.D

Acq: 30 Aug 2019 23:54

Instrument :

MSVOA_W

ClientSampleId :

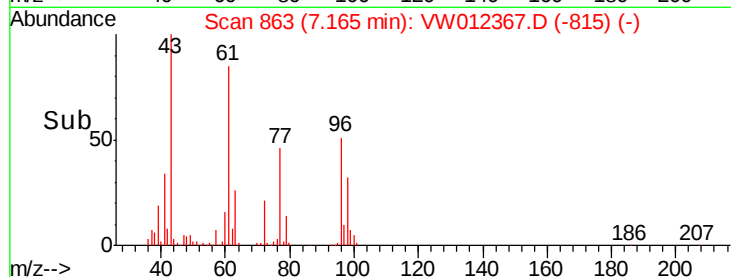
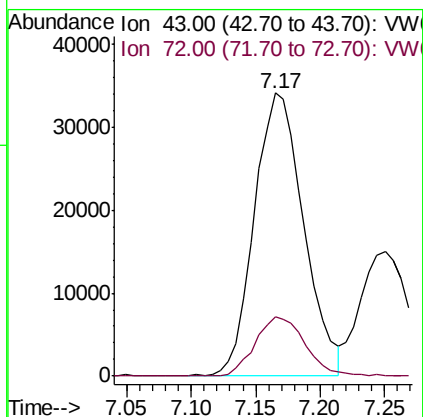
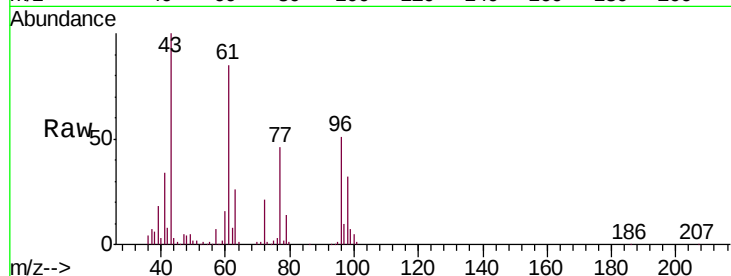
VW0830SBS02

Tgt Ion: 43 Resp: 90691

Ion Ratio Lower Upper

43 100

72 21.0 16.6 24.8



#26

2,2-Dichloropropane

Concen: 21.822 ug/l

RT: 7.17 min Scan# 863

Delta R.T. -0.00 min

Lab File: VW012367.D

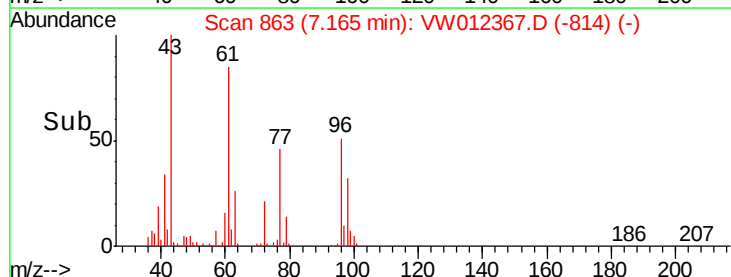
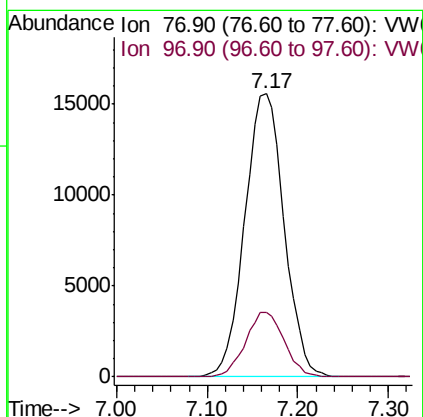
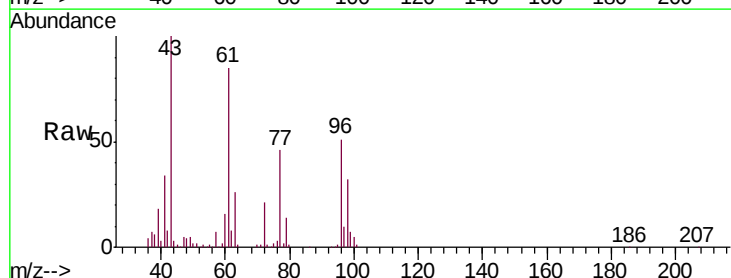
Acq: 30 Aug 2019 23:54

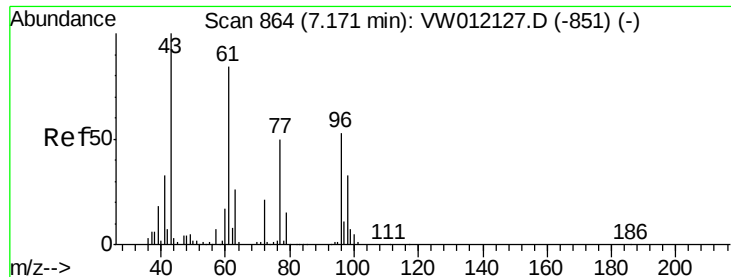
Tgt Ion: 77 Resp: 46595

Ion Ratio Lower Upper

77 100

97 22.5 11.1 33.1



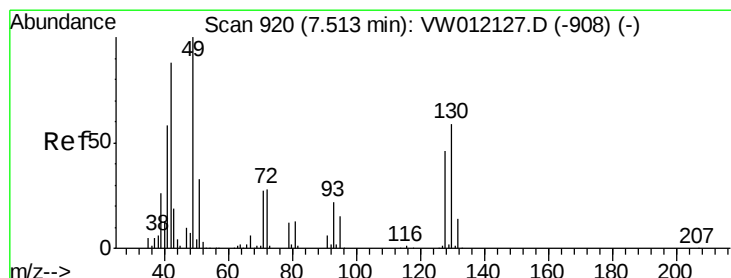
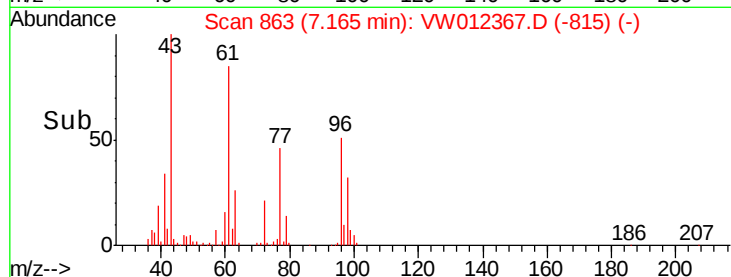
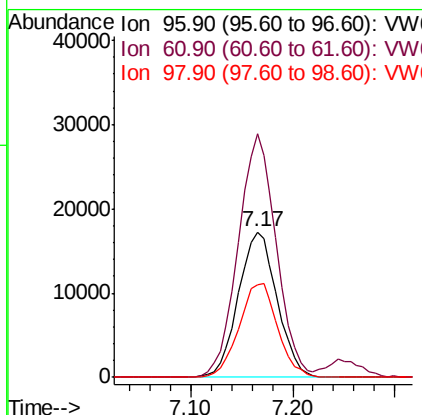
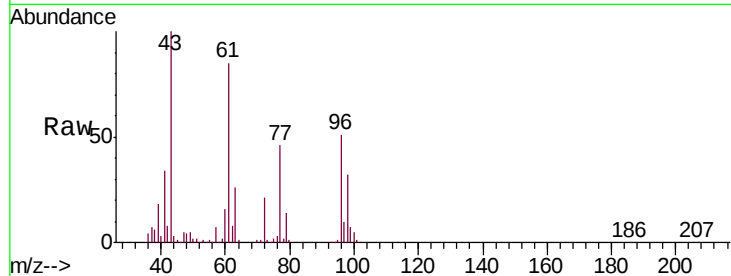


#27

cis-1,2-Dichloroethene
 Concen: 22.665 ug/l
 RT: 7.17 min Scan# 863
 Delta R.T. -0.01 min
 Lab File: VW012367.D
 Acq: 30 Aug 2019 23:54

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0830SBS02

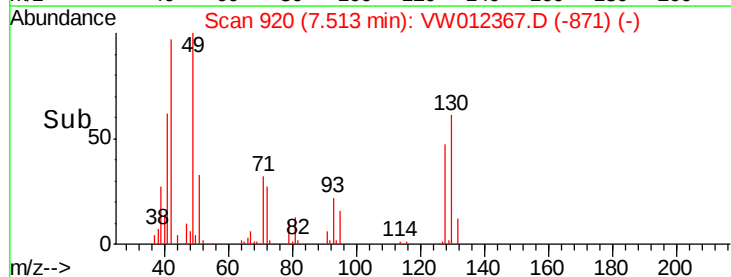
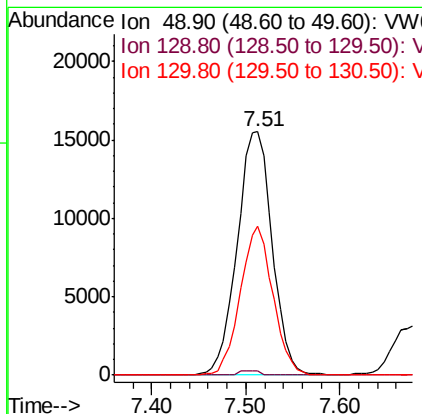
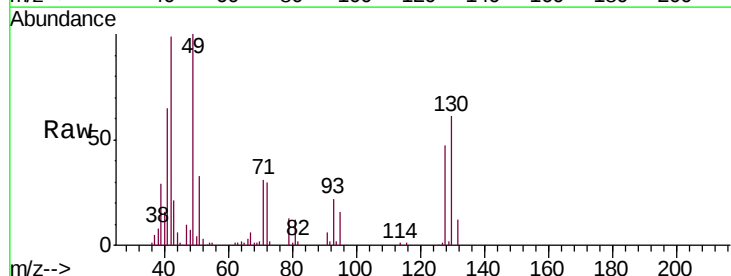
Tgt Ion: 96 Resp: 45402
 Ion Ratio Lower Upper
 96 100
 61 164.1 0.0 326.6
 98 64.3 0.0 127.4

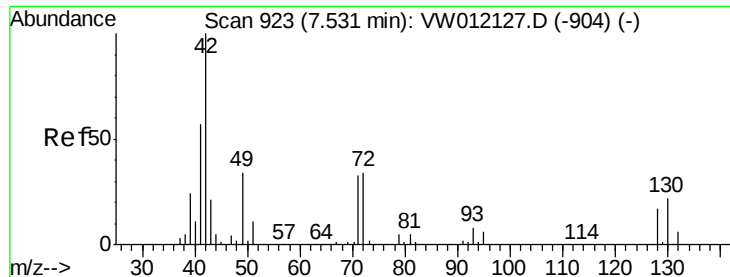


#28

Bromochloromethane
 Concen: 24.496 ug/l
 RT: 7.51 min Scan# 920
 Delta R.T. -0.00 min
 Lab File: VW012367.D
 Acq: 30 Aug 2019 23:54

Tgt Ion: 49 Resp: 40276
 Ion Ratio Lower Upper
 49 100
 129 1.0 0.0 1.4
 130 57.3 45.5 68.3





#29

Tetrahydrofuran

Concen: 141.060 ug/l

RT: 7.53 min Scan# 923

Delta R.T. -0.00 min

Lab File: VW012367.D

Acq: 30 Aug 2019 23:54

Instrument :

MSVOA_W

ClientSampleId :

VW0830SBSD02

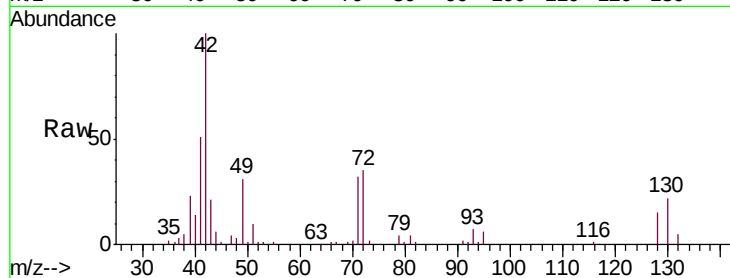
Tgt Ion: 42 Resp: 60914

Ion Ratio Lower Upper

42 100

72 32.6 27.3 40.9

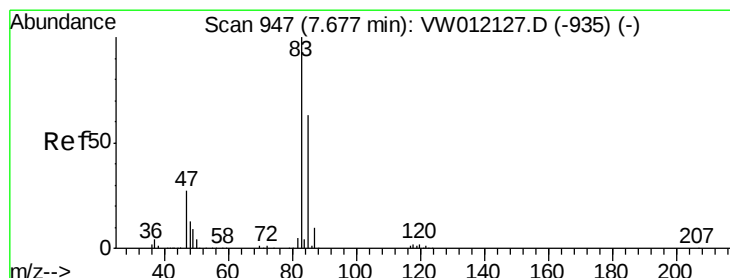
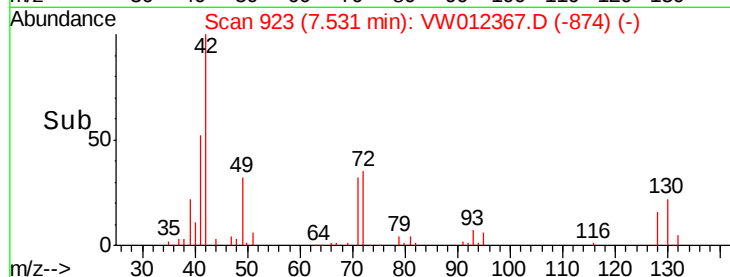
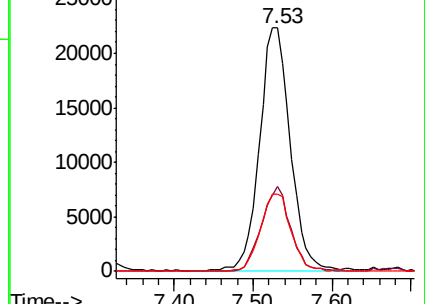
71 31.3 25.5 38.3



Abundance Ion 42.00 (41.70 to 42.70): VW

Ion 72.00 (71.70 to 72.70): VW

Ion 71.00 (70.70 to 71.70): VW



#30

Chloroform

Concen: 23.372 ug/l

RT: 7.68 min Scan# 947

Delta R.T. -0.00 min

Lab File: VW012367.D

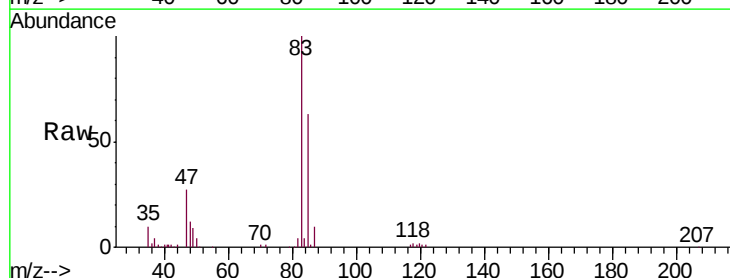
Acq: 30 Aug 2019 23:54

Tgt Ion: 83 Resp: 80667

Ion Ratio Lower Upper

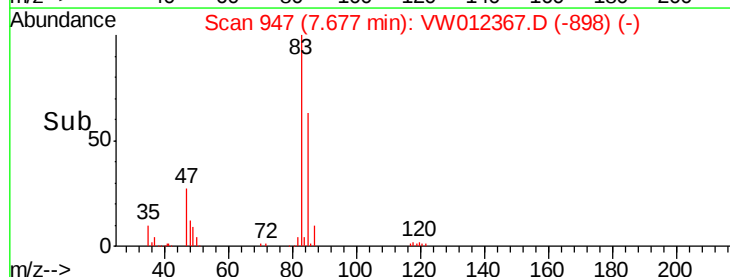
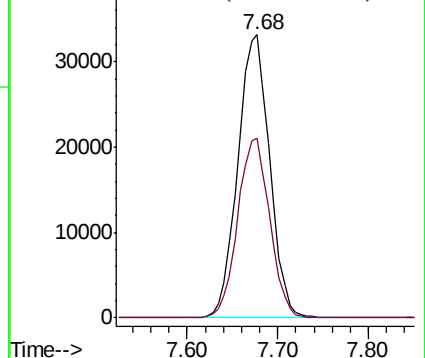
83 100

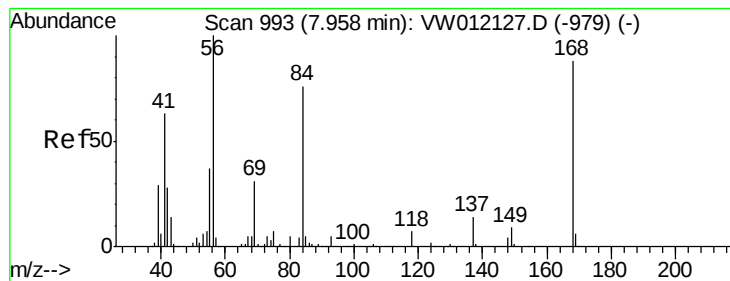
85 63.4 50.6 76.0



Abundance Ion 82.90 (82.60 to 83.60): VW

Ion 84.90 (84.60 to 85.60): VW





#31

Cyclohexane

Concen: 19.996 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.01 min

Lab File: VW012367.D

Acq: 30 Aug 2019 23:54

Instrument :

MSVOA_W

ClientSampleId :

VW0830SBSD02

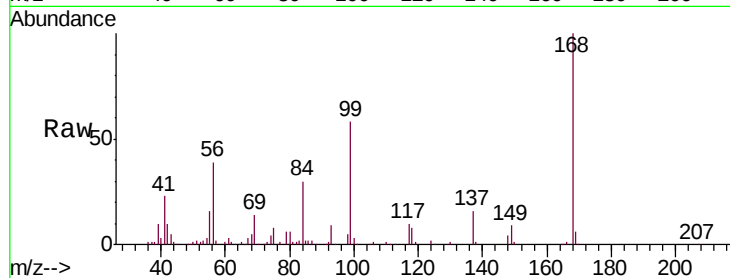
Tgt Ion: 56 Resp: 74630

Ion Ratio Lower Upper

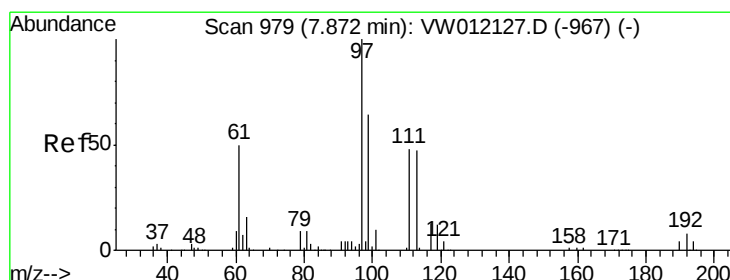
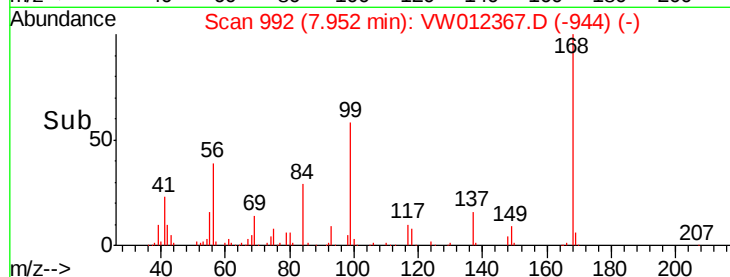
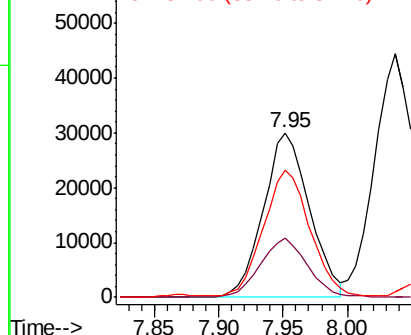
56 100

69 36.2 24.9 37.3

84 76.5 60.6 90.8



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



#32

1,1,1-Trichloroethane

Concen: 23.226 ug/l

RT: 7.87 min Scan# 979

Delta R.T. -0.00 min

Lab File: VW012367.D

Acq: 30 Aug 2019 23:54

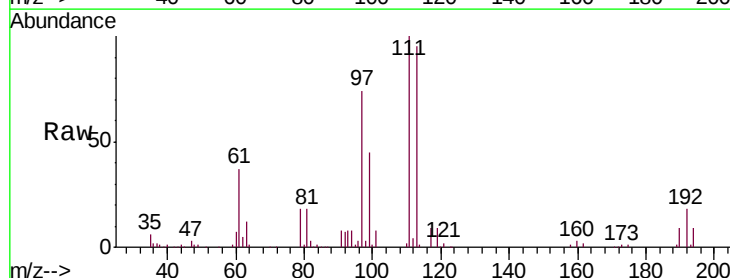
Tgt Ion: 97 Resp: 63415

Ion Ratio Lower Upper

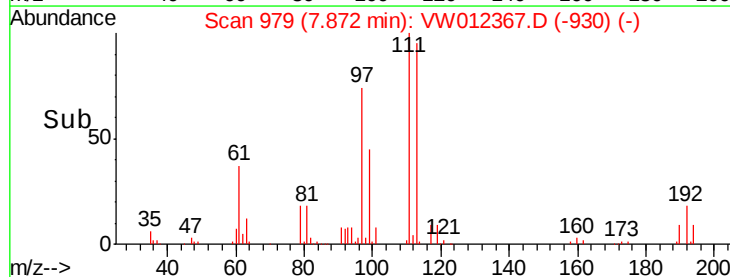
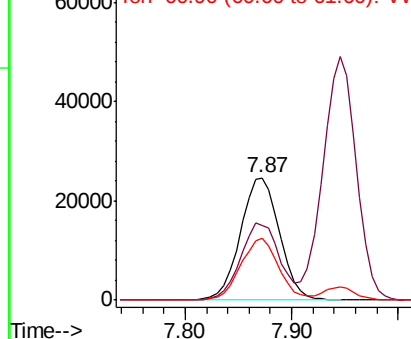
97 100

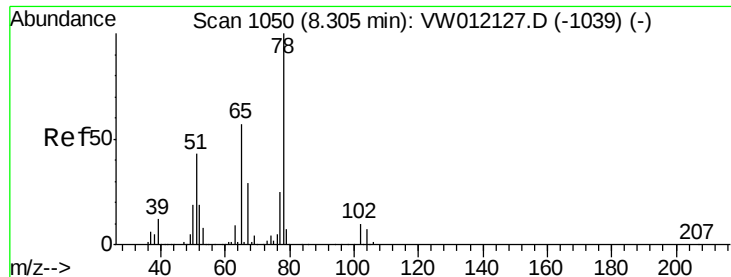
99 62.3 51.4 77.0

61 49.6 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

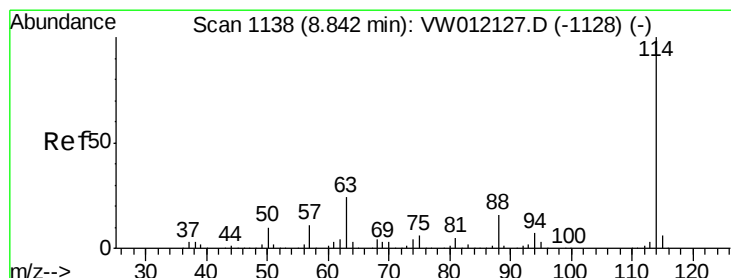
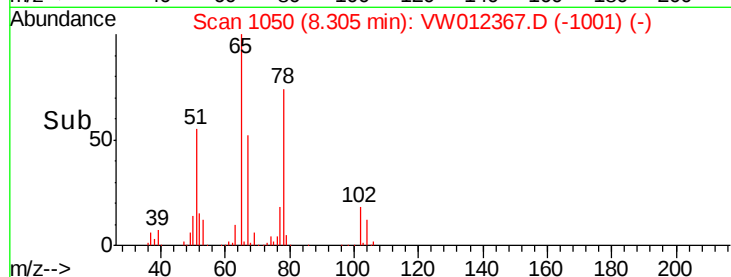
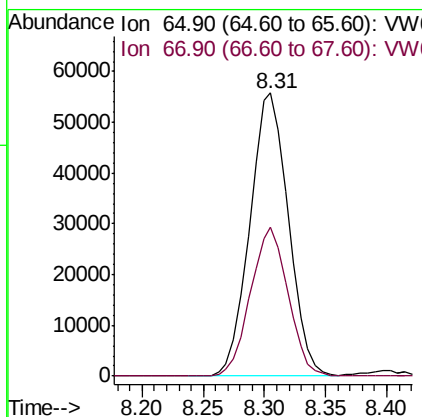
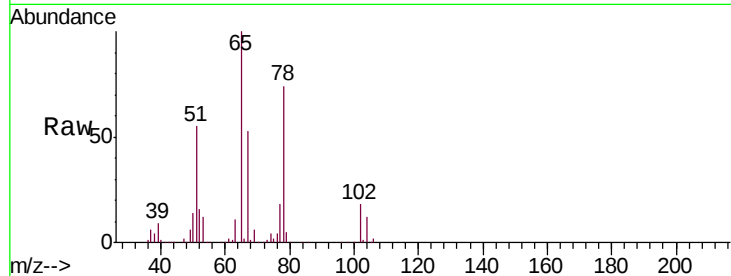




#33
 1,2-Dichloroethane-d4
 Concen: 59.071 ug/l
 RT: 8.31 min Scan# 1050
 Delta R.T. -0.00 min
 Lab File: VW012367.D
 Acq: 30 Aug 2019 23:54

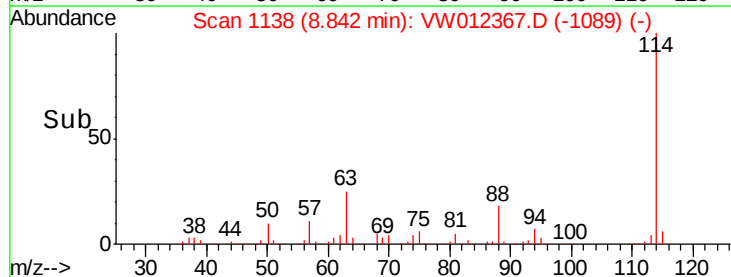
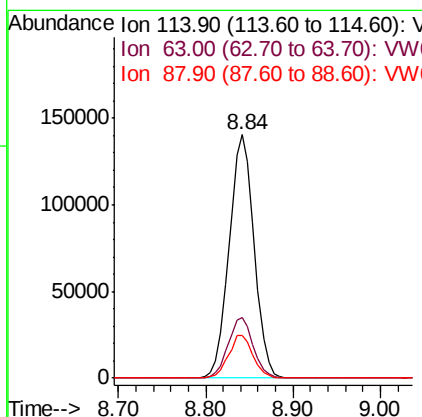
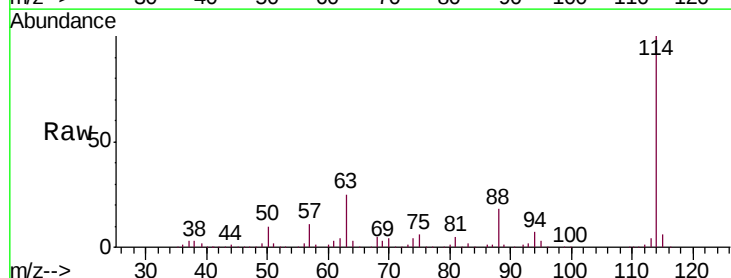
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0830SBS02

Tgt Ion: 65 Resp: 122403
 Ion Ratio Lower Upper
 65 100
 67 51.3 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: VW012367.D
 Acq: 30 Aug 2019 23:54

Tgt Ion: 114 Resp: 278488
 Ion Ratio Lower Upper
 114 100
 63 24.7 0.0 48.6
 88 17.6 0.0 32.2

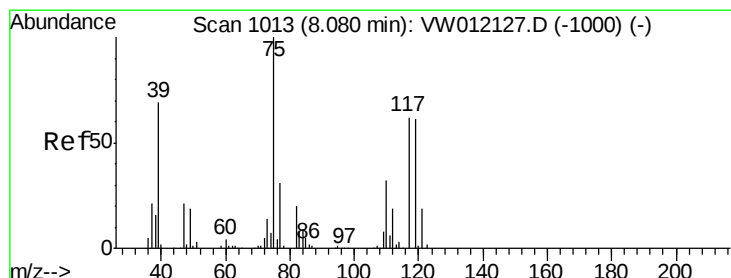
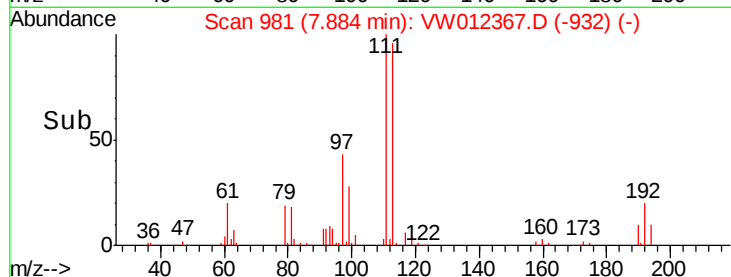
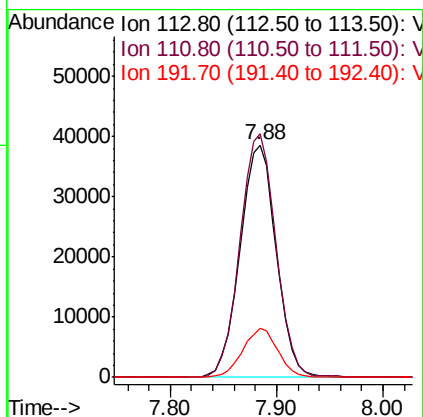
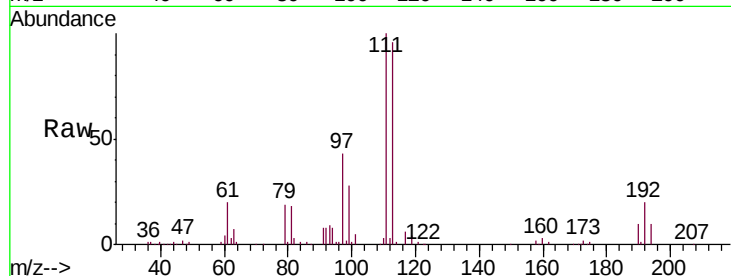




#35
 Dibromofluoromethane
 Concen: 55.415 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. -0.00 min
 Lab File: VW012367.D
 Acq: 30 Aug 2019 23:54

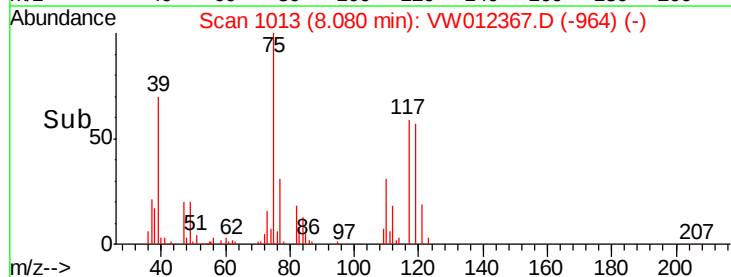
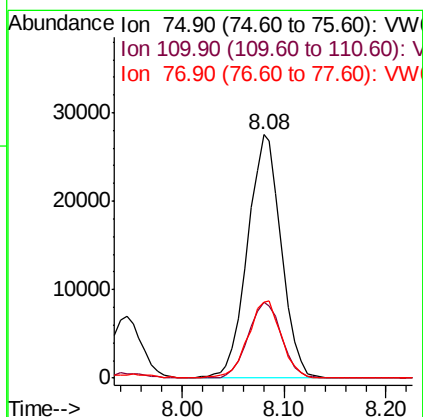
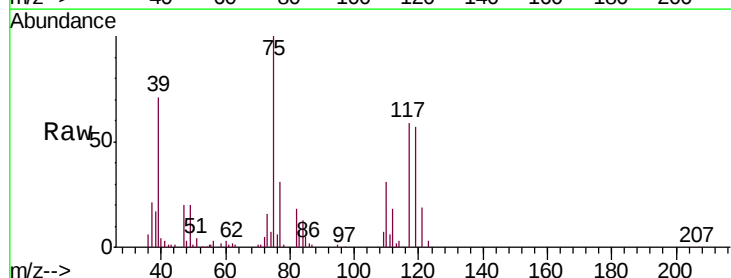
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0830SBSD02

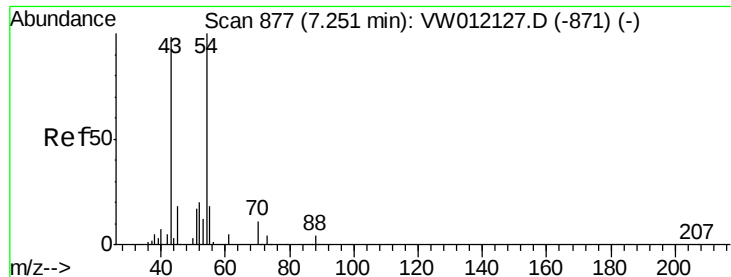
Tgt Ion: 113 Resp: 92116
 Ion Ratio Lower Upper
 113 100
 111 104.0 82.7 124.1
 192 20.5 16.2 24.2



#36
 1,1-Dichloropropene
 Concen: 21.947 ug/l
 RT: 8.08 min Scan# 1013
 Delta R.T. -0.00 min
 Lab File: VW012367.D
 Acq: 30 Aug 2019 23:54

Tgt Ion: 75 Resp: 63159
 Ion Ratio Lower Upper
 75 100
 110 31.1 15.6 46.8
 77 31.5 24.6 36.8

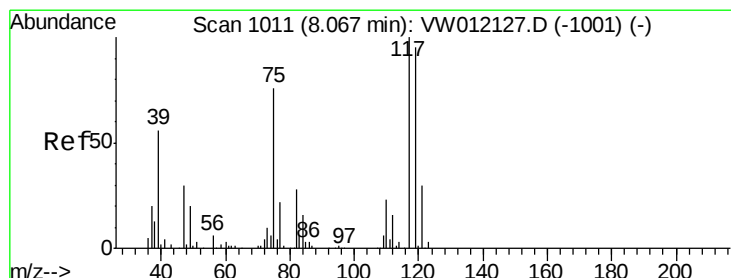
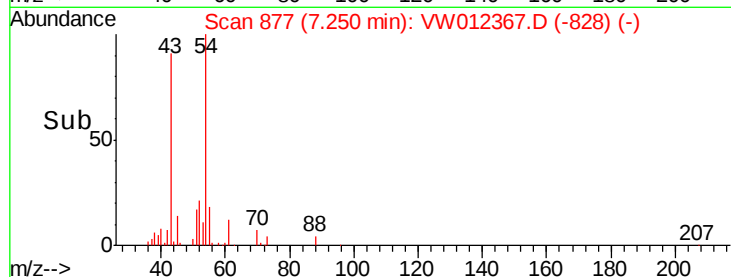
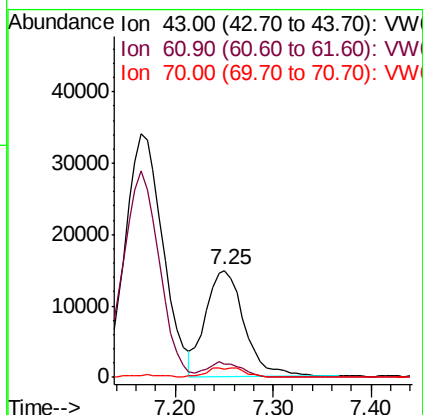
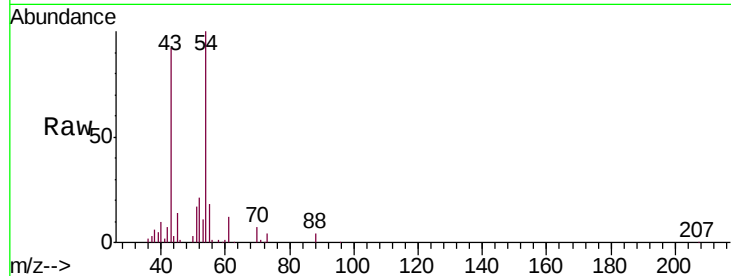




#37
Ethyl Acetate
Concen: 25.811 ug/l
RT: 7.25 min Scan# 877
Delta R.T. -0.00 min
Lab File: VW012367.D
Acq: 30 Aug 2019 23:54

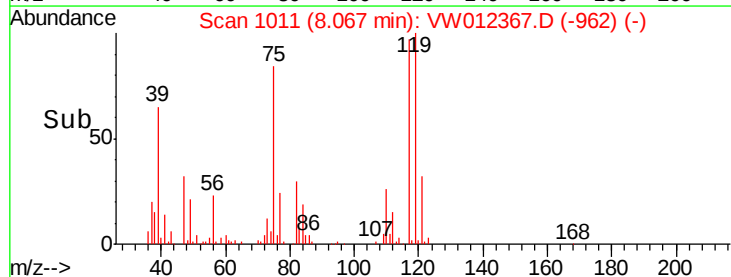
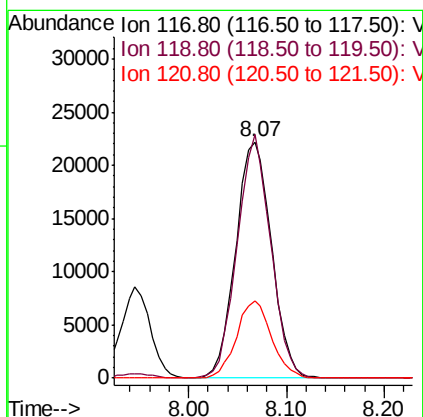
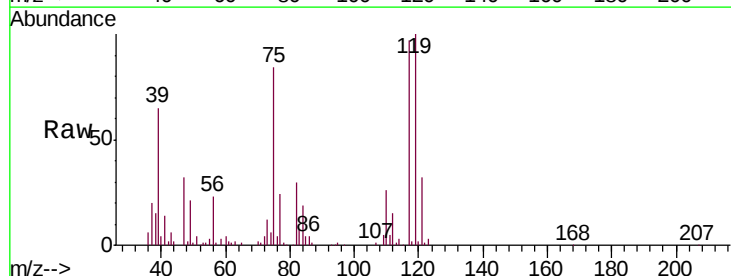
Instrument :
MSVOA_W
ClientSampleId :
VW0830SBSD02

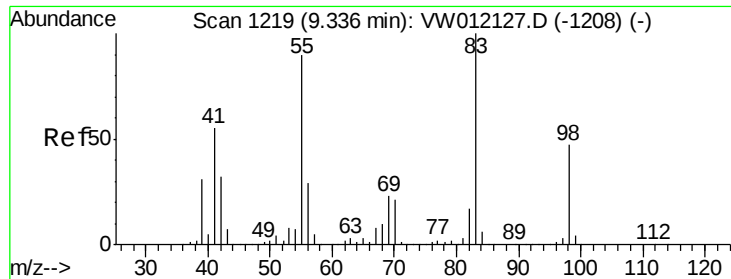
Tgt Ion: 43 Resp: 40704
Ion Ratio Lower Upper
43 100
61 12.8 9.2 13.8
70 9.0 6.9 10.3



#38
Carbon Tetrachloride
Concen: 22.555 ug/l
RT: 8.07 min Scan# 1011
Delta R.T. -0.00 min
Lab File: VW012367.D
Acq: 30 Aug 2019 23:54

Tgt Ion: 117 Resp: 56181
Ion Ratio Lower Upper
117 100
119 103.2 76.2 114.2
121 32.7 23.8 35.8

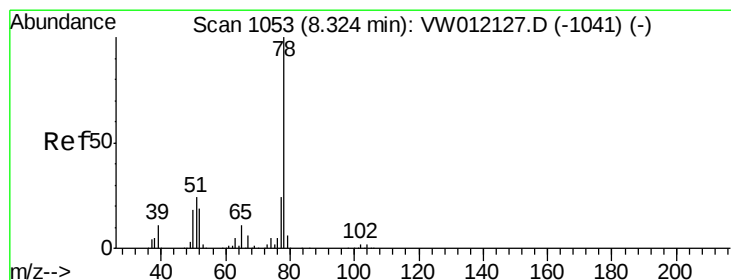
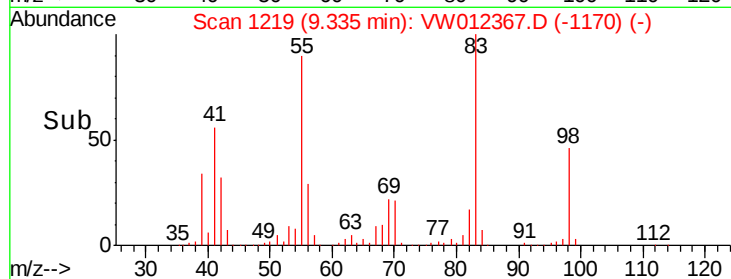
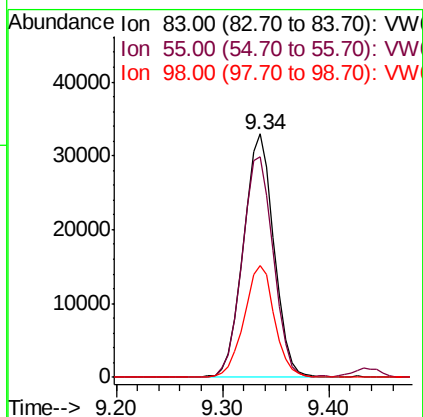
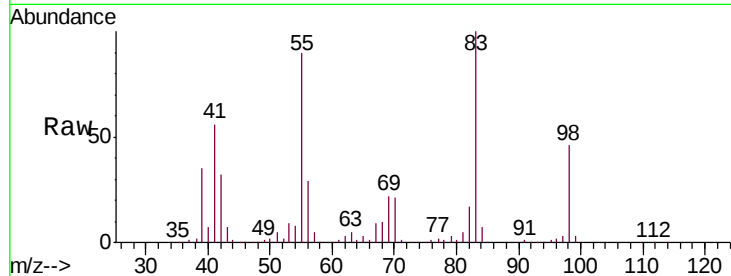




#39
Methylcyclohexane
Concen: 20.544 ug/l
RT: 9.34 min Scan# 1219
Delta R.T. -0.00 min
Lab File: VW012367.D
Acq: 30 Aug 2019 23:54

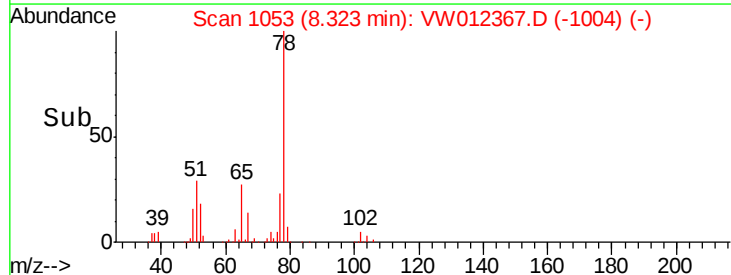
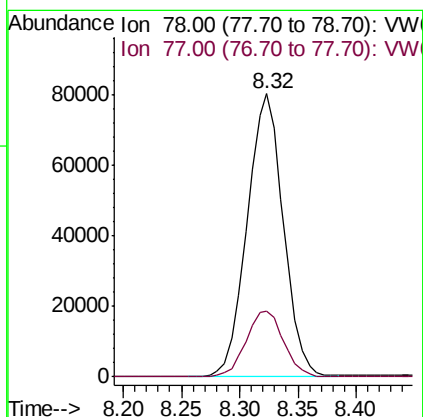
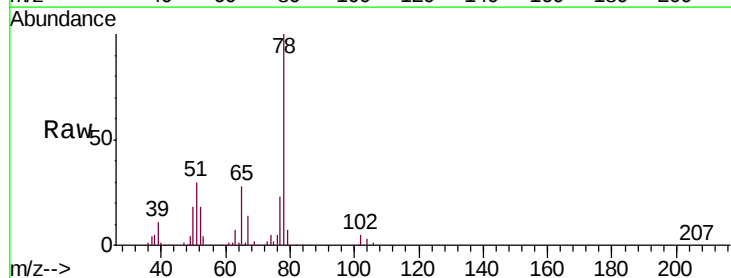
Instrument :
MSVOA_W
ClientSampleId :
VW0830SBSD02

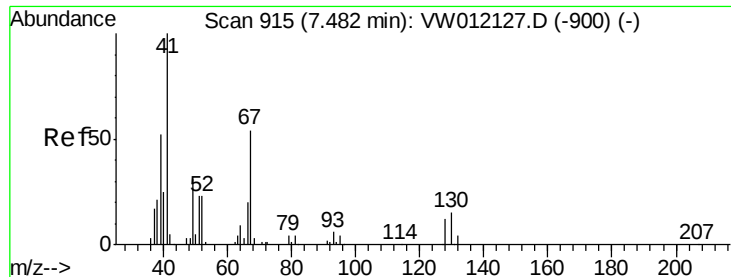
Tgt Ion: 83 Resp: 66418
Ion Ratio Lower Upper
83 100
55 90.4 71.8 107.8
98 45.8 37.8 56.8



#40
Benzene
Concen: 22.160 ug/l
RT: 8.32 min Scan# 1053
Delta R.T. -0.00 min
Lab File: VW012367.D
Acq: 30 Aug 2019 23:54

Tgt Ion: 78 Resp: 174141
Ion Ratio Lower Upper
78 100
77 23.2 19.5 29.3

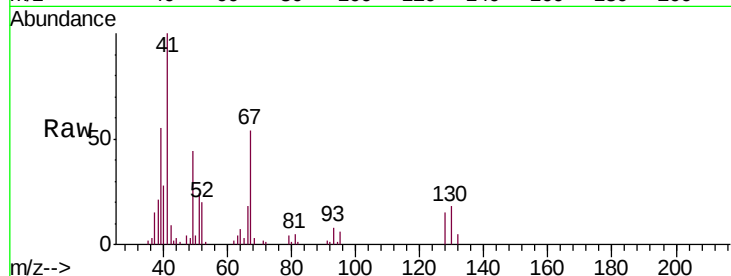




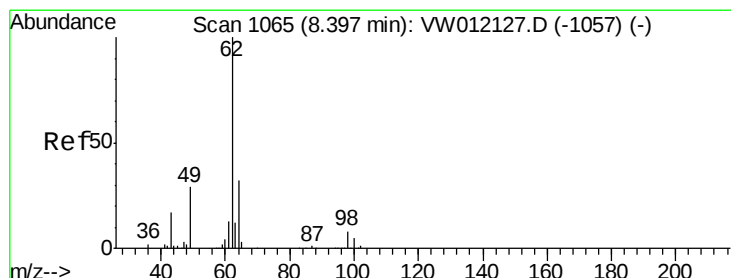
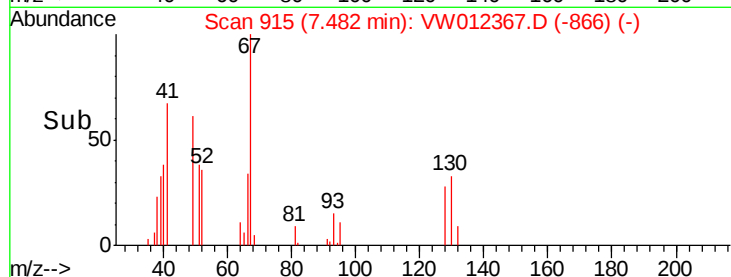
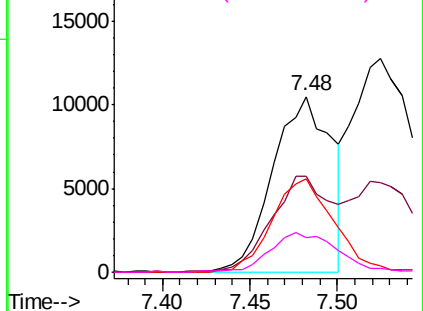
#41
Methacrylonitrile
Concen: 26.600 ug/l
RT: 7.48 min Scan# 915
Delta R.T. -0.00 min
Lab File: VW012367.D
Acq: 30 Aug 2019 23:54

Instrument :
MSVOA_W
ClientSampleId :
VW0830SBSD02

Tgt Ion:	41	Resp:	24655
Ion	Ratio	Lower	Upper
41	100		
39	55.4	45.8	68.8
67	56.7	46.2	69.4
52	26.3	21.0	31.6

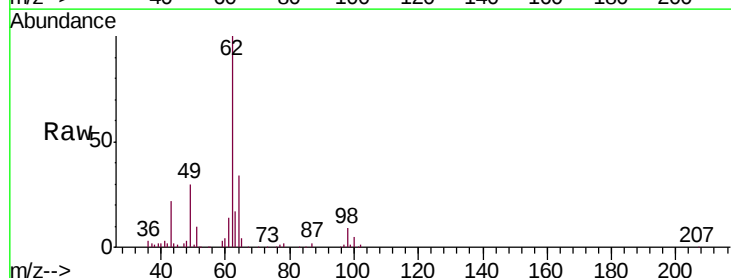


Abundance Ion 41.00 (40.70 to 41.70): VW
Ion 39.00 (38.70 to 39.70): VW
Ion 67.00 (66.70 to 67.70): VW
Ion 52.00 (51.70 to 52.70): VW

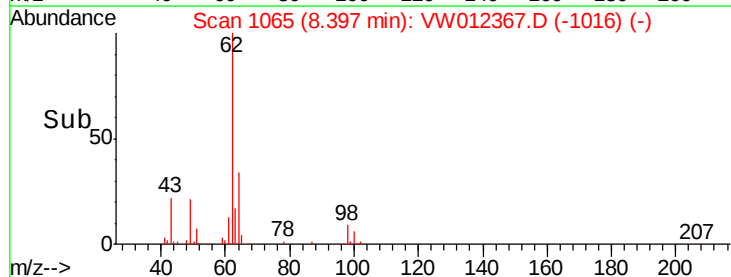
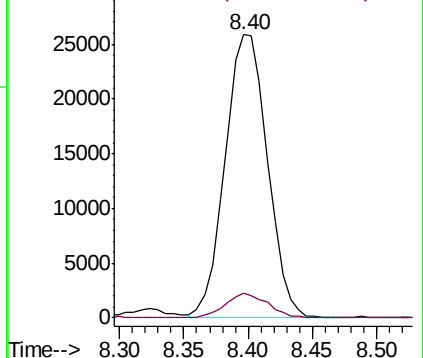


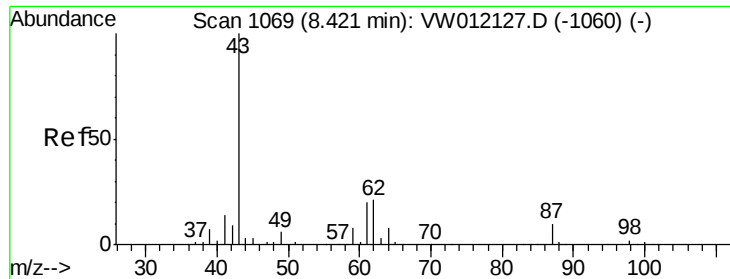
#42
1,2-Dichloroethane
Concen: 24.069 ug/l
RT: 8.40 min Scan# 1065
Delta R.T. -0.00 min
Lab File: VW012367.D
Acq: 30 Aug 2019 23:54

Tgt Ion:	62	Resp:	59278
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: 25.879 ug/l

RT: 8.42 min Scan# 1069

Delta R.T. -0.00 min

Lab File: VW012367.D

Acq: 30 Aug 2019 23:54

Instrument :

MSVOA_W

ClientSampleId :

VW0830SBS02

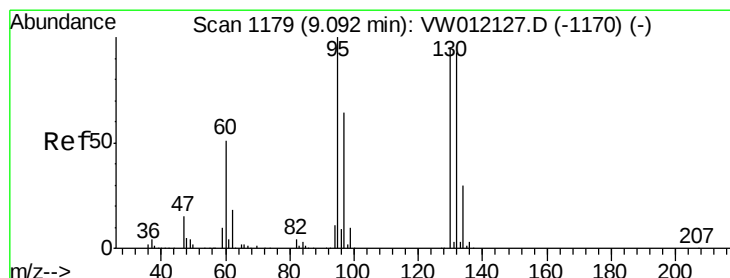
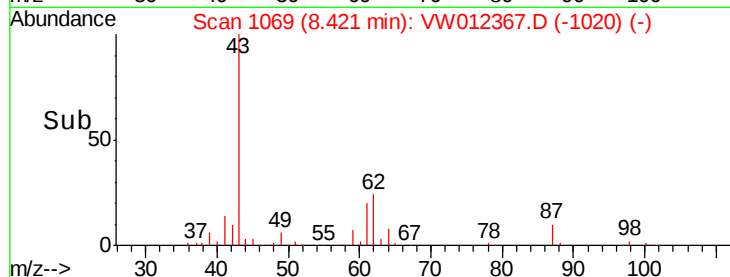
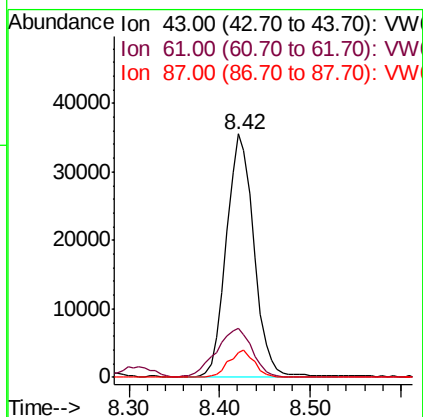
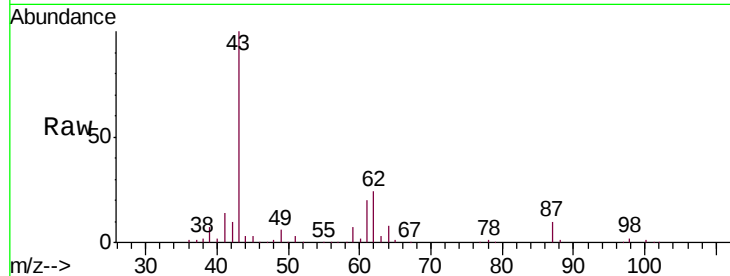
Tgt Ion: 43 Resp: 75596

Ion Ratio Lower Upper

43 100

61 26.3 21.1 31.7

87 10.4 8.2 12.2



#44

Trichloroethene

Concen: 21.846 ug/l

RT: 9.09 min Scan# 1179

Delta R.T. -0.00 min

Lab File: VW012367.D

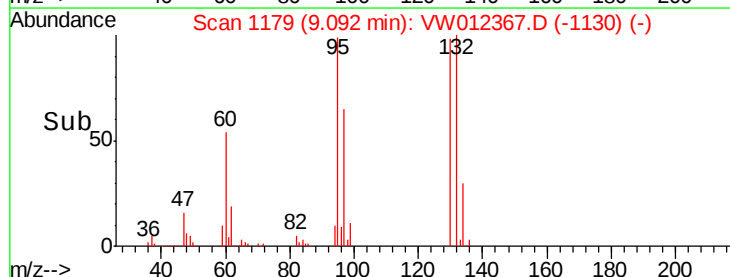
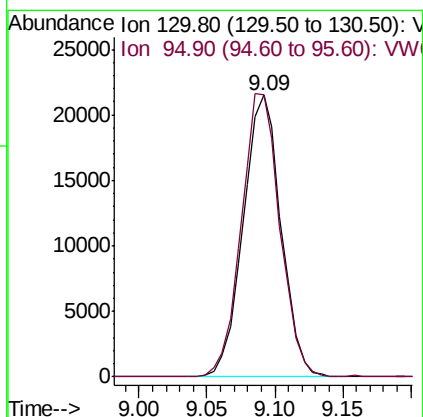
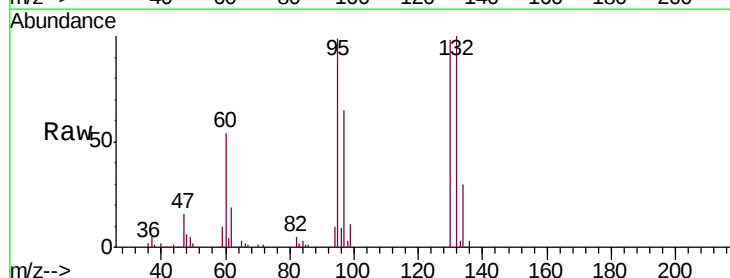
Acq: 30 Aug 2019 23:54

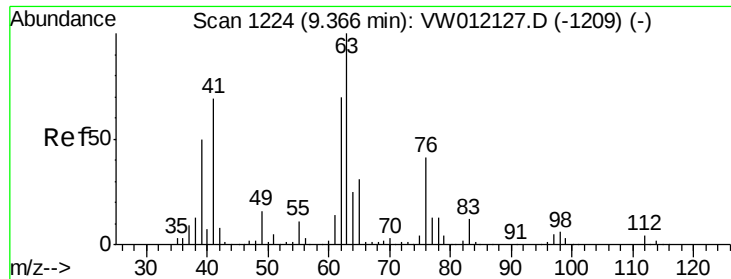
Tgt Ion: 130 Resp: 41732

Ion Ratio Lower Upper

130 100

95 100.3 0.0 210.6

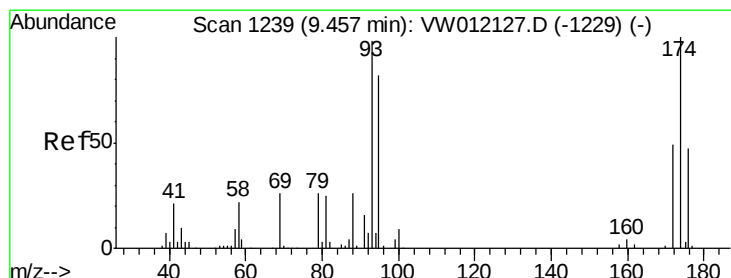
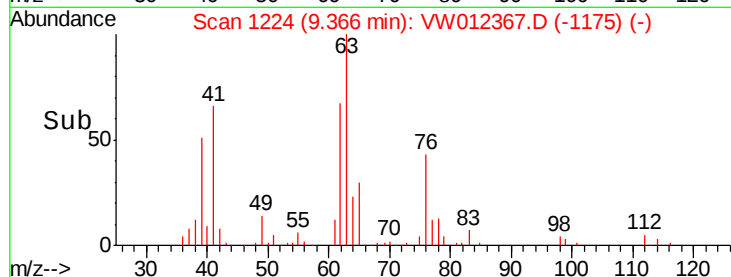
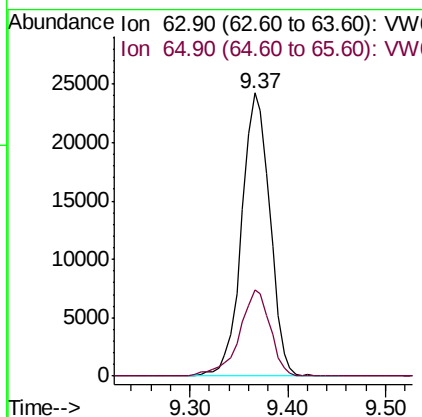
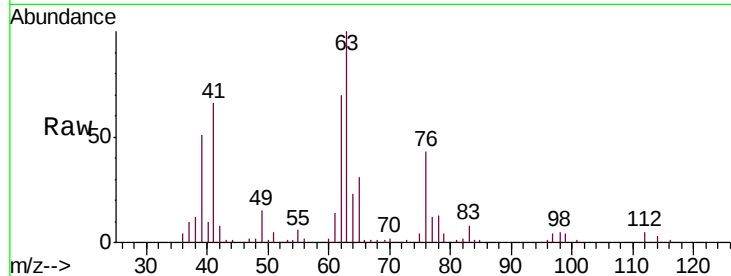




#45
 1,2-Dichloropropane
 Concen: 22.963 ug/l
 RT: 9.37 min Scan# 1224
 Delta R.T. -0.00 min
 Lab File: VW012367.D
 Acq: 30 Aug 2019 23:54

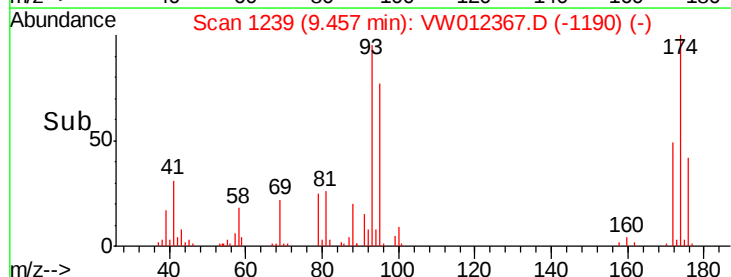
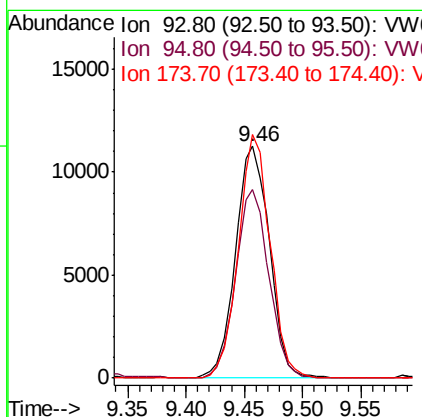
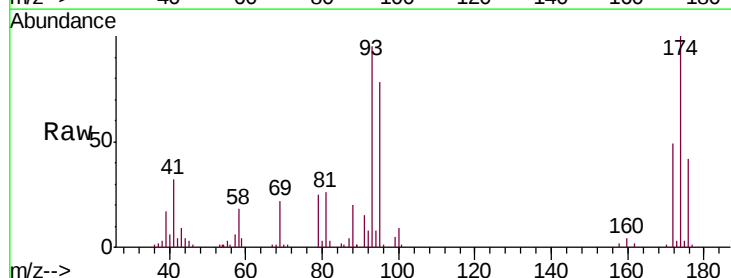
Instrument :
 MSVOA_W
 ClientSampleID :
 VW0830SBS02

Tgt Ion: 63 Resp: 48564
 Ion Ratio Lower Upper
 63 100
 65 30.5 25.0 37.4



#46
 Dibromomethane
 Concen: 24.272 ug/l
 RT: 9.46 min Scan# 1239
 Delta R.T. -0.00 min
 Lab File: VW012367.D
 Acq: 30 Aug 2019 23:54

Tgt Ion: 93 Resp: 22839
 Ion Ratio Lower Upper
 93 100
 95 79.6 67.2 100.8
 174 98.6 79.0 118.6





#47

Bromodichloromethane

Concen: 22.800 ug/l

RT: 9.65 min Scan# 1270

Delta R.T. -0.00 min

Lab File: VW012367.D

Acq: 30 Aug 2019 23:54

Instrument :

MSVOA_W

ClientSampleId :

VW0830SBSD02

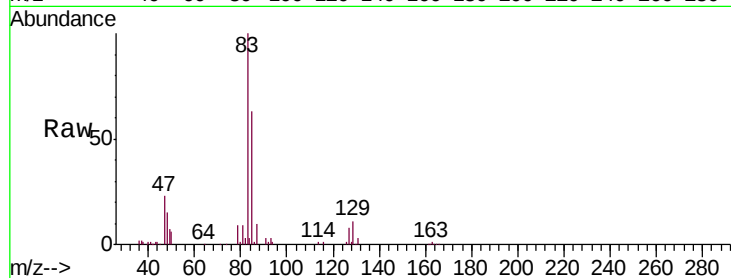
Tgt Ion: 83 Resp: 57098

Ion Ratio Lower Upper

83 100

85 63.4 49.4 74.2

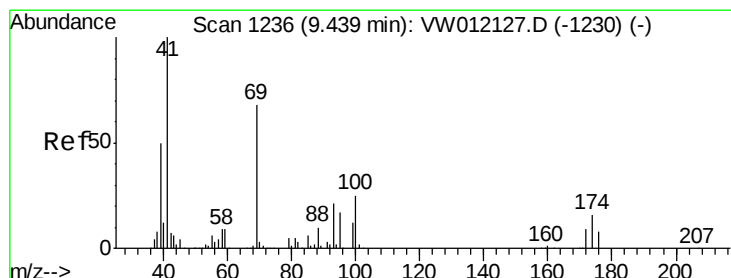
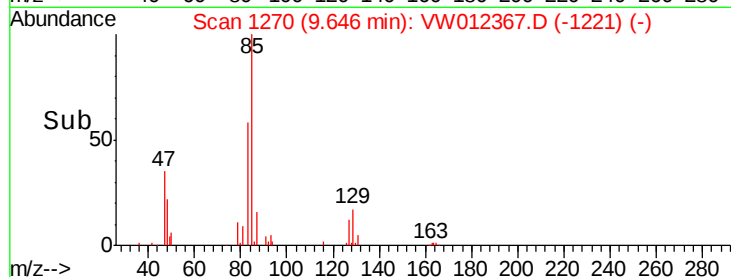
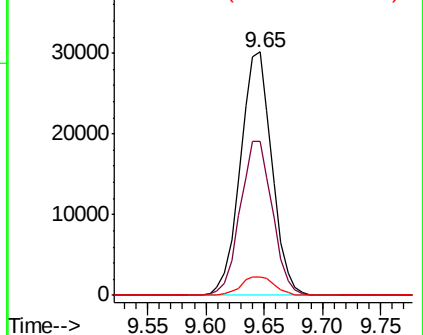
127 7.7 6.1 9.1



Abundance Ion 82.90 (82.60 to 83.60): VW

Ion 84.90 (84.60 to 85.60): VW

Ion 126.80 (126.50 to 127.50): VW



#48

Methyl methacrylate

Concen: 25.051 ug/l

RT: 9.43 min Scan# 1235

Delta R.T. -0.01 min

Lab File: VW012367.D

Acq: 30 Aug 2019 23:54

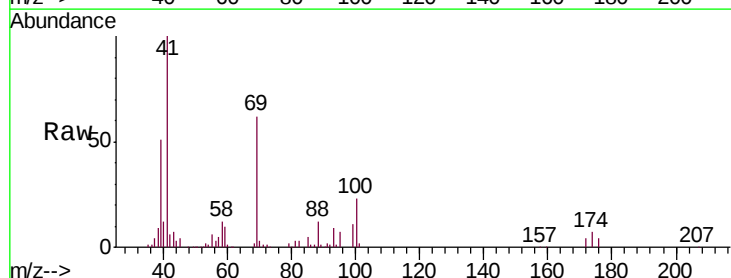
Tgt Ion: 41 Resp: 34829

Ion Ratio Lower Upper

41 100

69 71.5 56.7 85.1

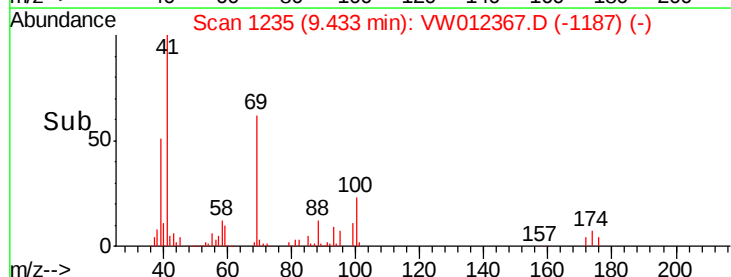
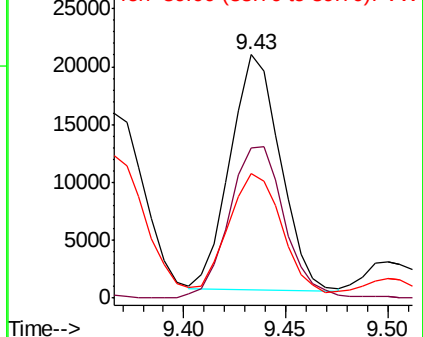
39 51.8 42.0 63.0

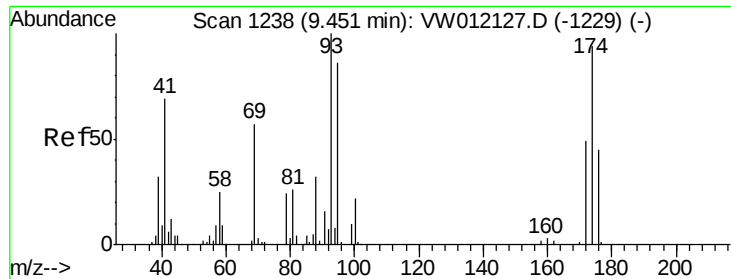


Abundance Ion 41.00 (40.70 to 41.70): VW

Ion 69.00 (68.70 to 69.70): VW

Ion 39.00 (38.70 to 39.70): VW

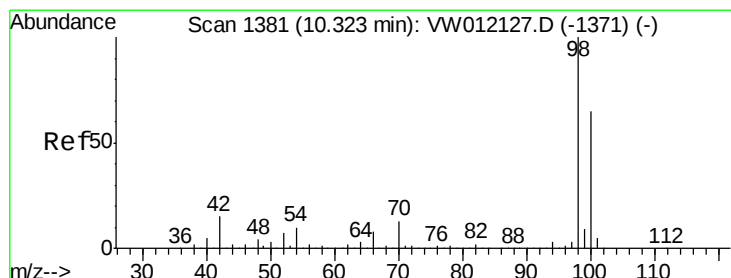
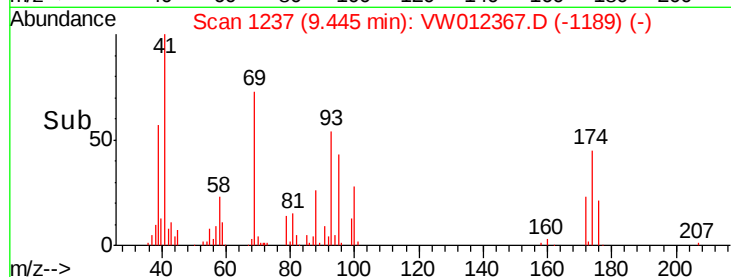
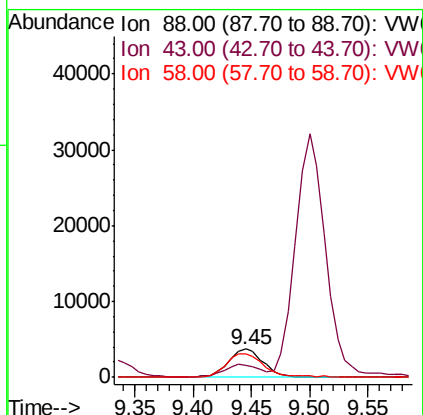
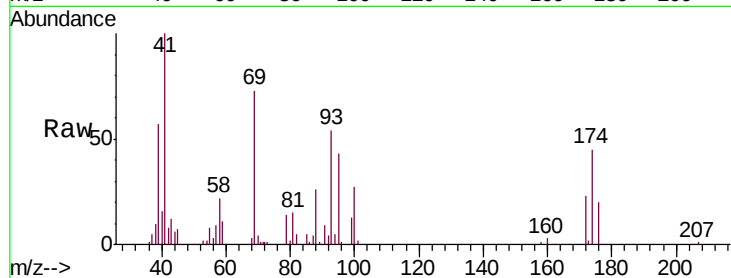




#49
1,4-Dioxane
Concen: 546.679 ug/l
RT: 9.45 min Scan# 1237
Delta R.T. -0.01 min
Lab File: VW012367.D
Acq: 30 Aug 2019 23:54

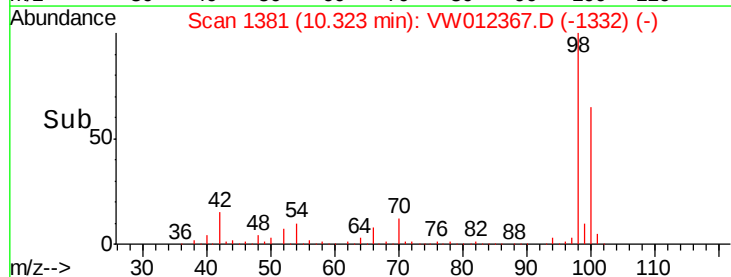
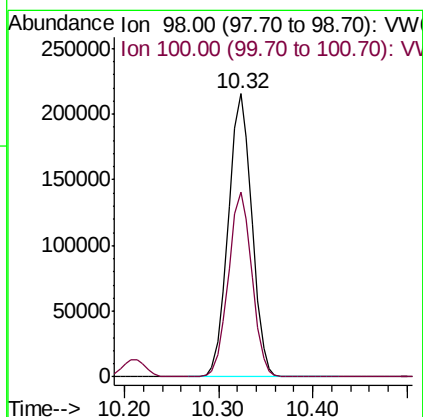
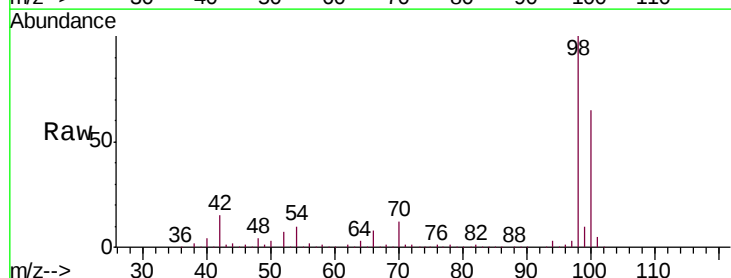
Instrument :
MSVOA_W
ClientSampleId :
VW0830SBS02

Tgt Ion: 88 Resp: 7875
Ion Ratio Lower Upper
88 100
43 42.3 32.9 49.3
58 92.0 71.0 106.4



#50
Toluene-d8
Concen: 55.597 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. -0.00 min
Lab File: VW012367.D
Acq: 30 Aug 2019 23:54

Tgt Ion: 98 Resp: 374730
Ion Ratio Lower Upper
98 100
100 64.8 52.4 78.6

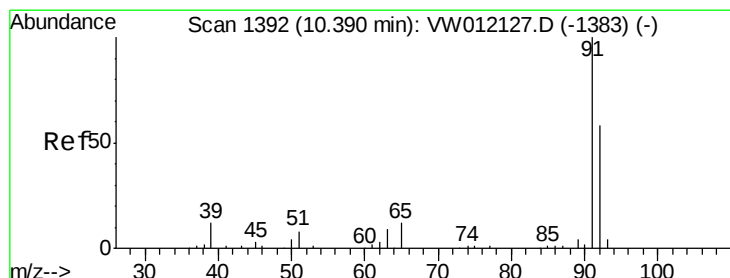
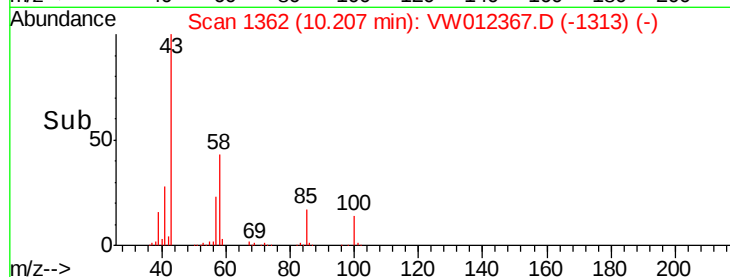
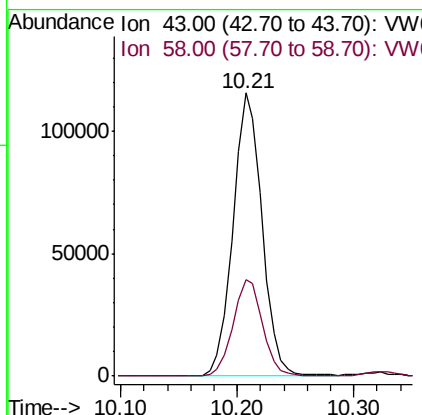
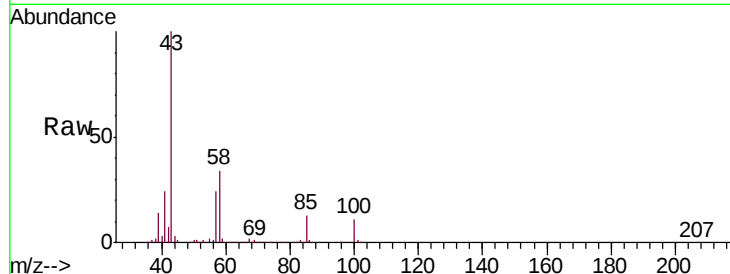




#51
 4-Methyl-2-Pentanone
 Concen: 134.736 ug/l
 RT: 10.21 min Scan# 1362
 Delta R.T. -0.00 min
 Lab File: VW012367.D
 Acq: 30 Aug 2019 23:54

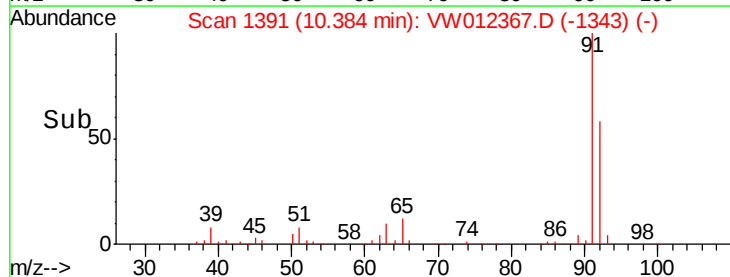
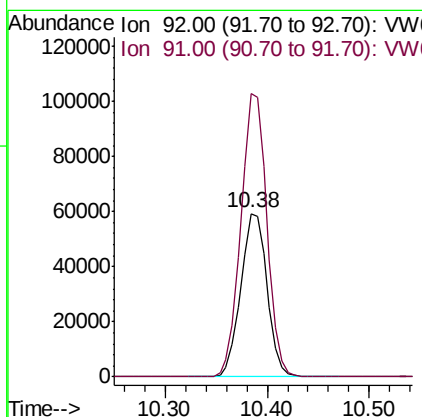
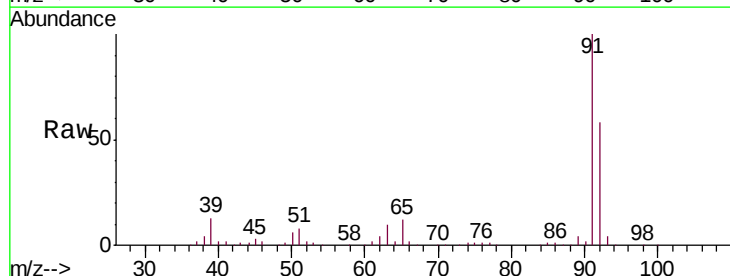
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0830SBS02

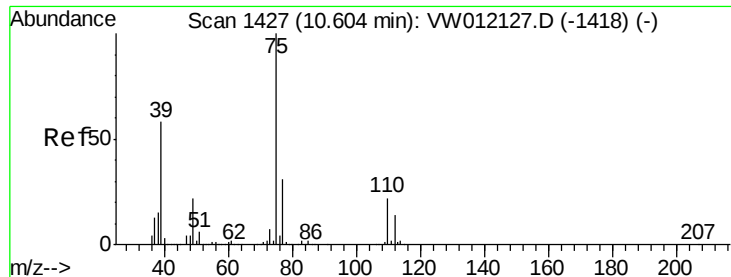
Tgt Ion: 43 Resp: 200188
 Ion Ratio Lower Upper
 43 100
 58 34.8 28.2 42.2



#52
 Toluene
 Concen: 22.456 ug/l
 RT: 10.38 min Scan# 1391
 Delta R.T. -0.01 min
 Lab File: VW012367.D
 Acq: 30 Aug 2019 23:54

Tgt Ion: 92 Resp: 106011
 Ion Ratio Lower Upper
 92 100
 91 171.3 136.6 204.8

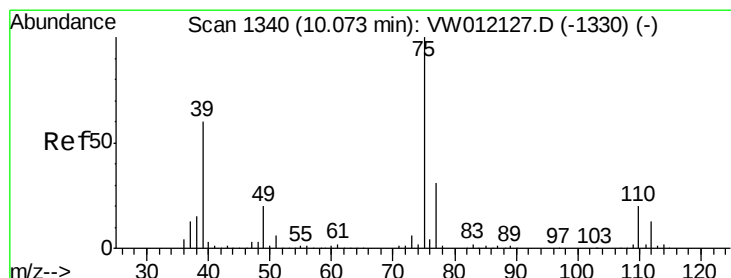
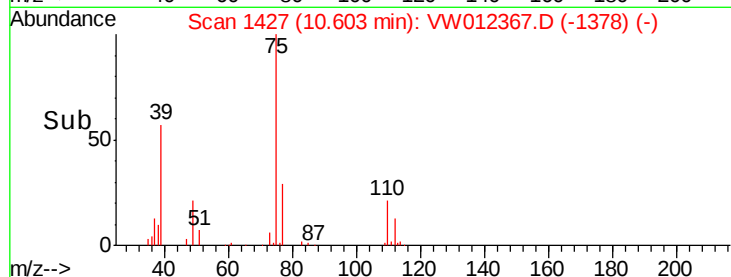
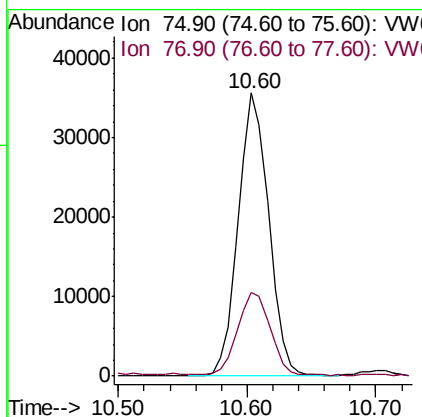
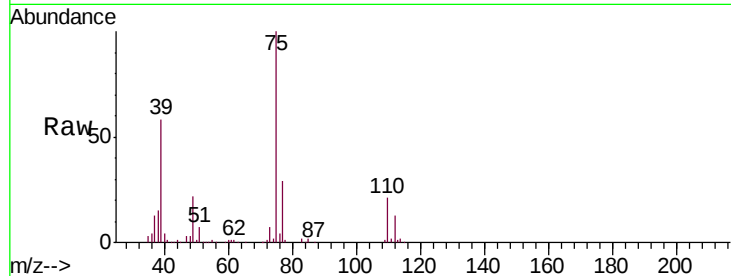




#53
 t-1,3-Dichloropropene
 Concen: 22.866 ug/l
 RT: 10.60 min Scan# 1427
 Delta R.T. -0.00 min
 Lab File: VW012367.D
 Acq: 30 Aug 2019 23:54

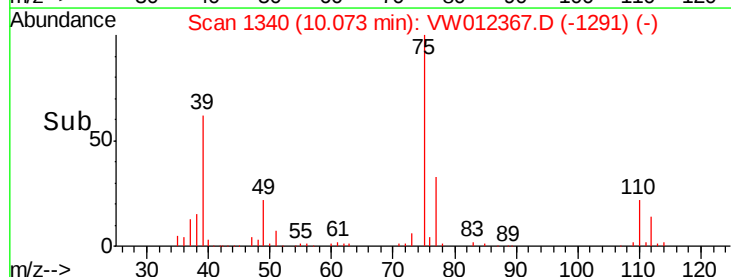
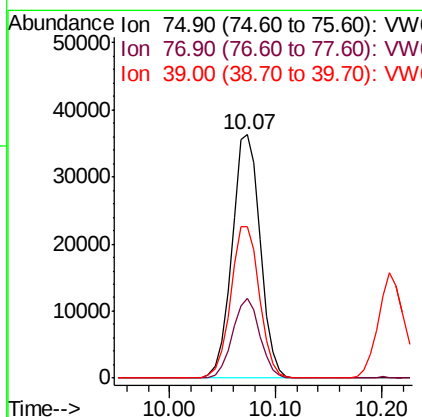
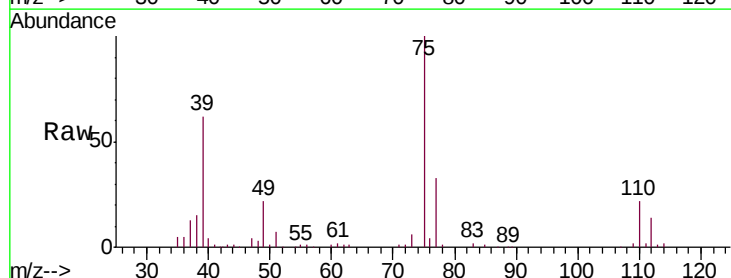
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0830SBSD02

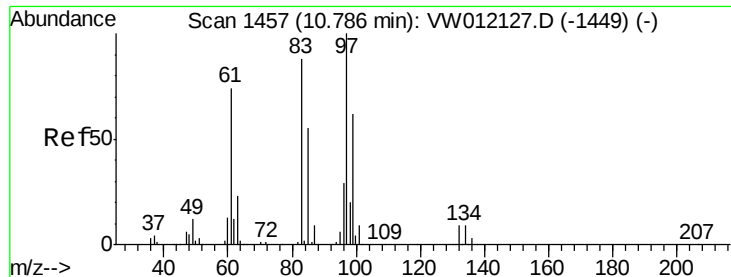
Tgt Ion: 75 Resp: 58330
 Ion Ratio Lower Upper
 75 100
 77 29.0 25.0 37.4



#54
 cis-1,3-Dichloropropene
 Concen: 21.901 ug/l
 RT: 10.07 min Scan# 1340
 Delta R.T. -0.00 min
 Lab File: VW012367.D
 Acq: 30 Aug 2019 23:54

Tgt Ion: 75 Resp: 67458
 Ion Ratio Lower Upper
 75 100
 77 32.7 25.1 37.7
 39 62.1 48.3 72.5

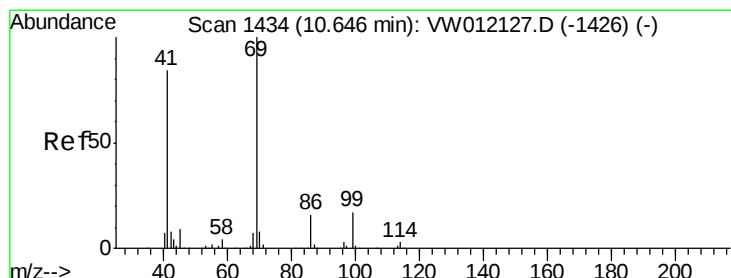
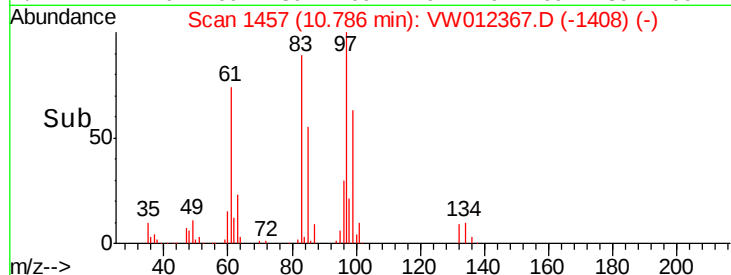
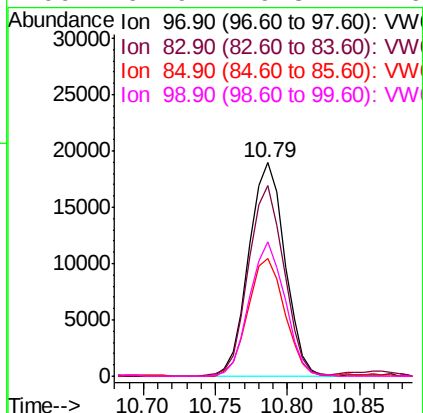
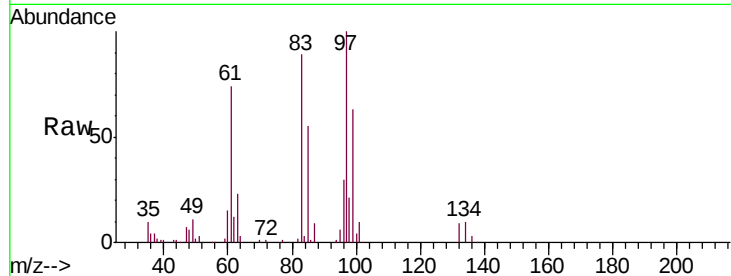




#55
 1,1,2-Trichloroethane
 Concen: 24.711 ug/l
 RT: 10.79 min Scan# 1457
 Delta R.T. -0.00 min
 Lab File: VW012367.D
 Acq: 30 Aug 2019 23:54

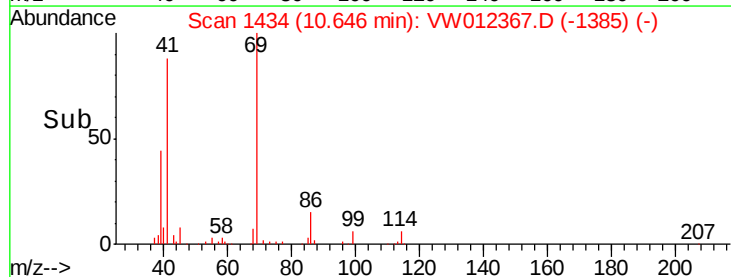
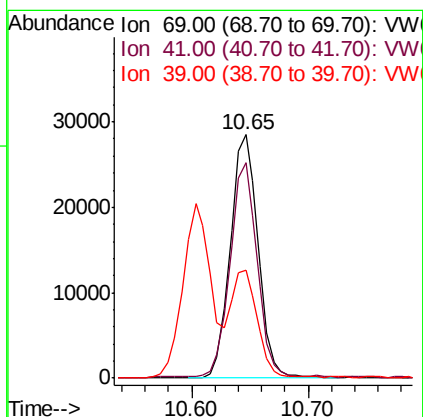
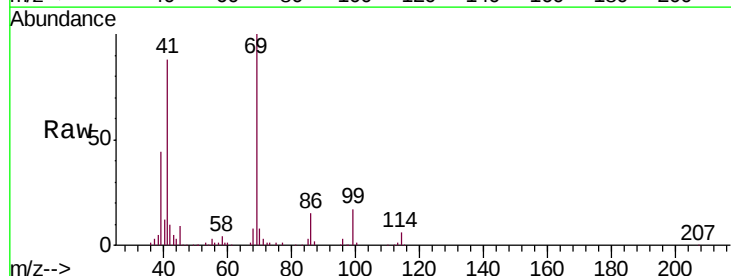
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0830SBSD02

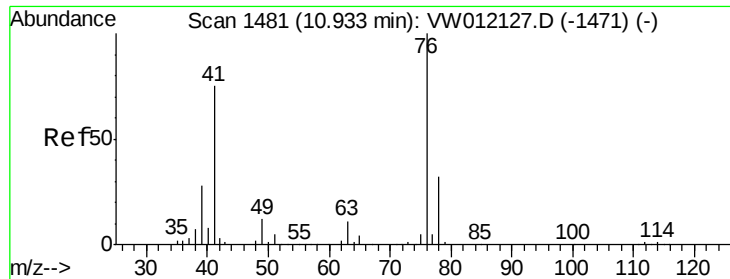
Tgt Ion:	97	Resp:	32899
Ion	Ratio	Lower	Upper
97	100		
83	89.1	70.8	106.2
85	55.1	43.8	65.8
99	62.9	49.8	74.6



#56
 Ethyl methacrylate
 Concen: 24.371 ug/l
 RT: 10.65 min Scan# 1434
 Delta R.T. -0.00 min
 Lab File: VW012367.D
 Acq: 30 Aug 2019 23:54

Tgt Ion:	69	Resp:	47222
Ion	Ratio	Lower	Upper
69	100		
41	87.8	66.5	99.7
39	41.0	31.0	46.4

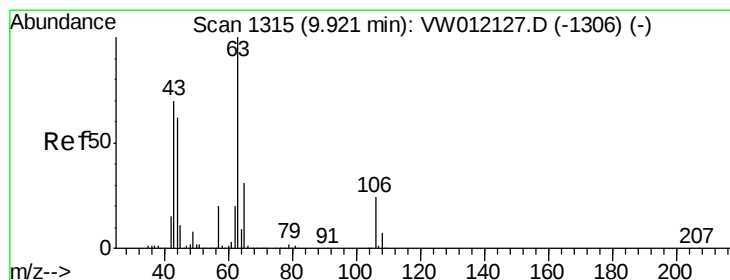
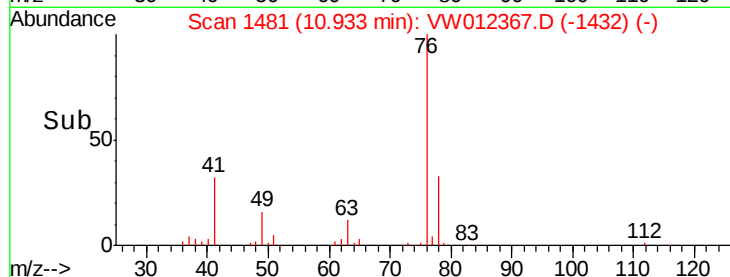
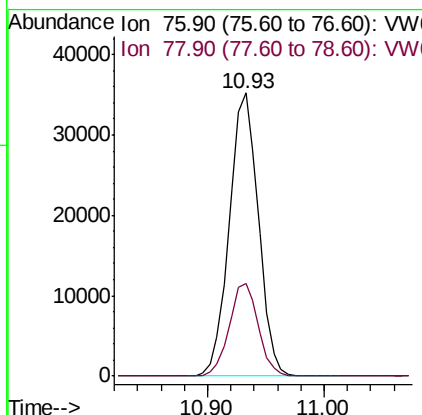
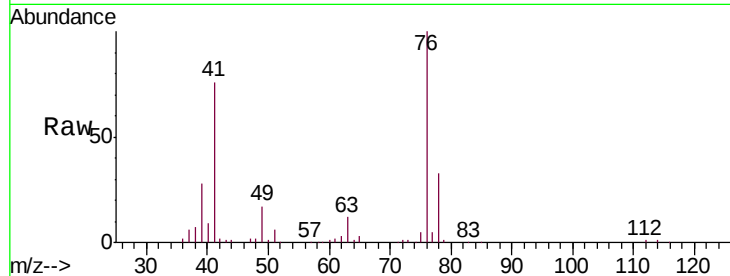




#57
 1,3-Dichloropropane
 Concen: 24.348 ug/l
 RT: 10.93 min Scan# 1481
 Delta R.T. -0.00 min
 Lab File: VW012367.D
 Acq: 30 Aug 2019 23:54

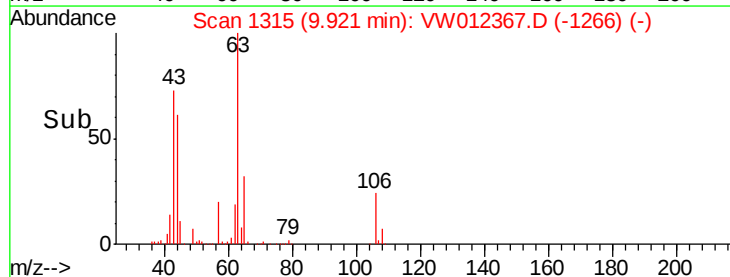
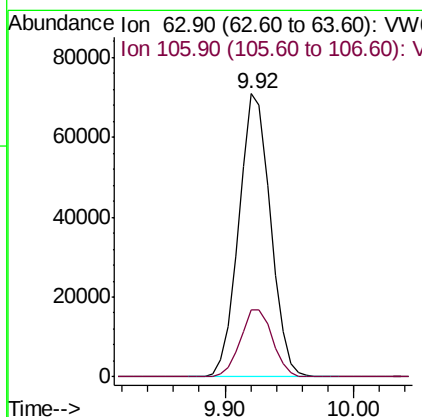
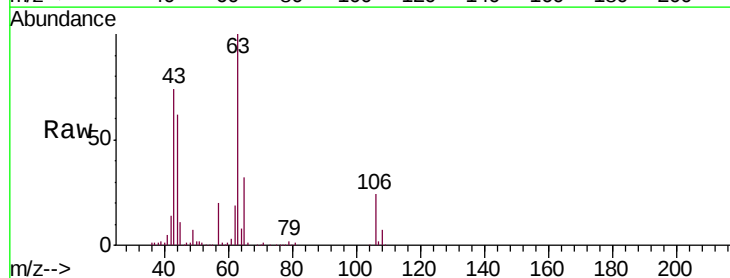
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0830SBSD02

Tgt Ion: 76 Resp: 61258
 Ion Ratio Lower Upper
 76 100
 78 32.7 25.8 38.8



#58
 2-Chloroethyl Vinyl ether
 Concen: 121.499 ug/l
 RT: 9.92 min Scan# 1315
 Delta R.T. -0.00 min
 Lab File: VW012367.D
 Acq: 30 Aug 2019 23:54

Tgt Ion: 63 Resp: 120825
 Ion Ratio Lower Upper
 63 100
 106 24.1 19.8 29.8

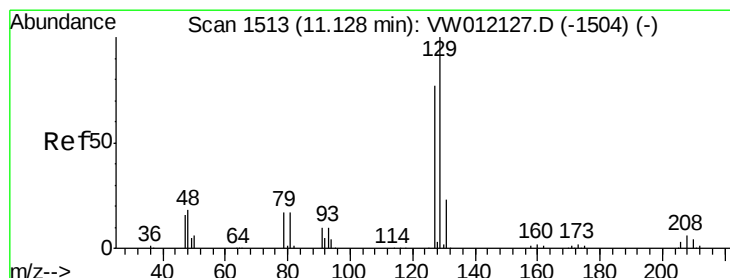
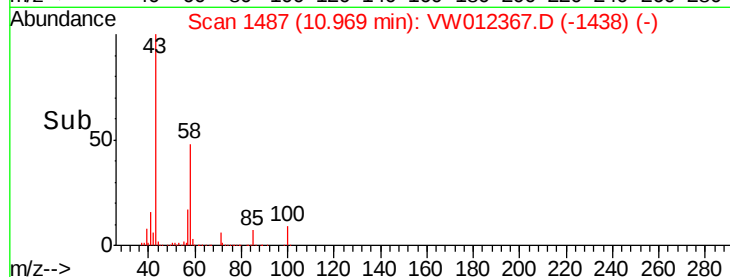
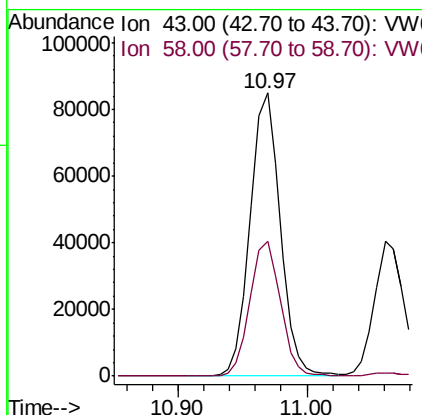
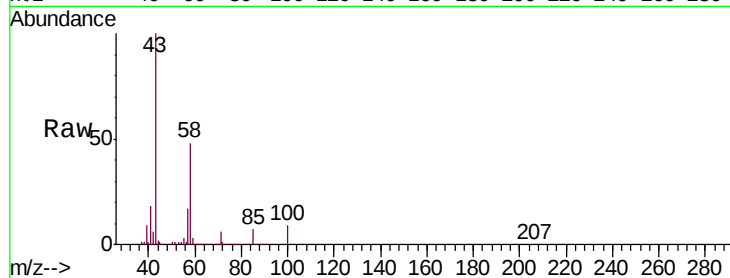




#59
2-Hexanone
Concen: 130.055 ug/l
RT: 10.97 min Scan# 1487
Delta R.T. -0.00 min
Lab File: VW012367.D
Acq: 30 Aug 2019 23:54

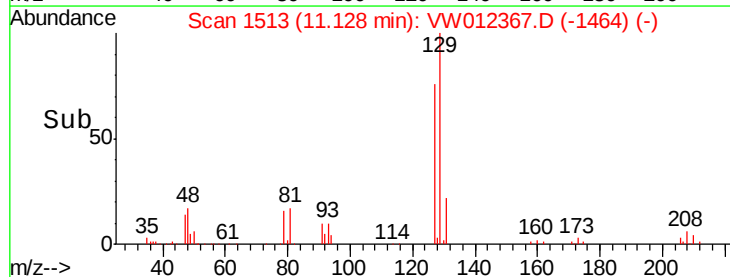
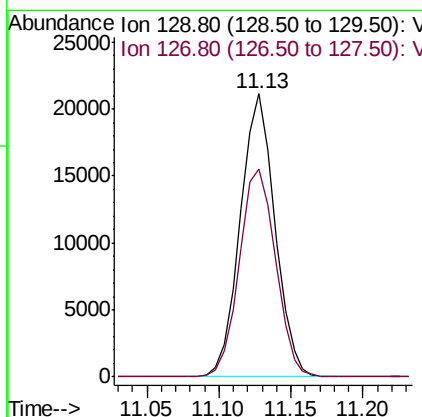
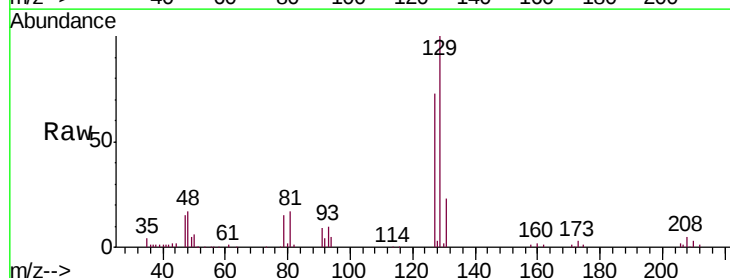
Instrument :
MSVOA_W
ClientSampleId :
VW0830SBSD02

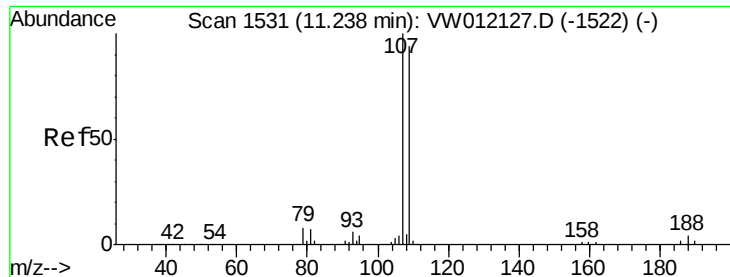
Tgt Ion: 43 Resp: 136725
Ion Ratio Lower Upper
43 100
58 48.7 24.3 72.9



#60
Dibromochloromethane
Concen: 23.836 ug/l
RT: 11.13 min Scan# 1513
Delta R.T. -0.00 min
Lab File: VW012367.D
Acq: 30 Aug 2019 23:54

Tgt Ion: 129 Resp: 35346
Ion Ratio Lower Upper
129 100
127 76.8 38.6 115.8





#61

1,2-Dibromoethane

Concen: 24.080 ug/l

RT: 11.23 min Scan# 1530

Delta R.T. -0.01 min

Lab File: VW012367.D

Acq: 30 Aug 2019 23:54

Instrument :

MSVOA_W

ClientSampleId :

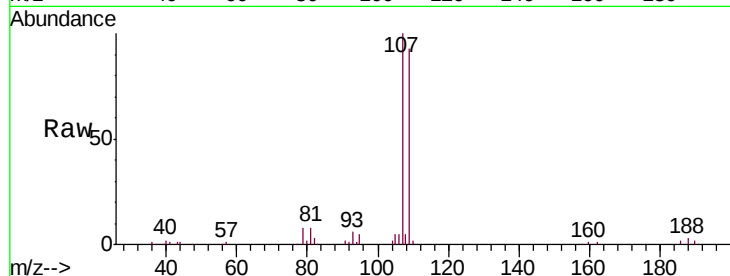
VW0830SBSD02

Tgt Ion: 107 Resp: 29867

Ion Ratio Lower Upper

107 100

109 95.1 75.4 113.2



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

11.23

15000

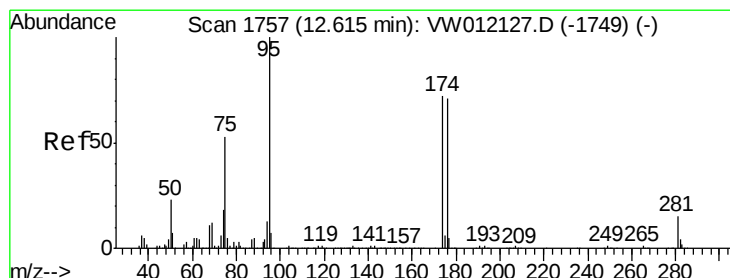
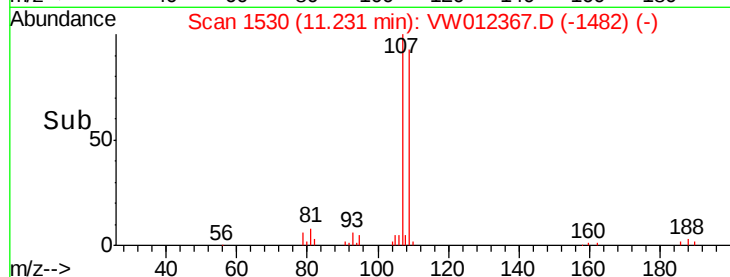
10000

5000

0

Time-->

11.20 11.30



#62

4-Bromofluorobenzene

Concen: 56.633 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. -0.00 min

Lab File: VW012367.D

Acq: 30 Aug 2019 23:54

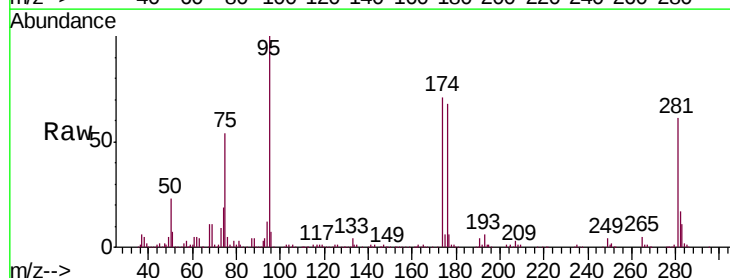
Tgt Ion: 95 Resp: 134555

Ion Ratio Lower Upper

95 100

174 76.2 0.0 150.8

176 73.6 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

12.62

100000

80000

60000

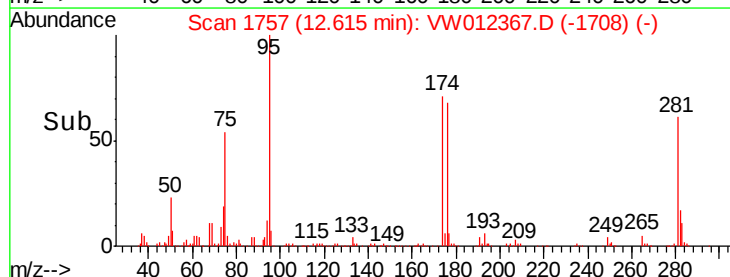
40000

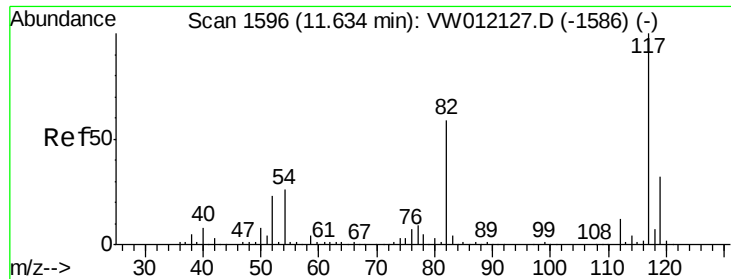
20000

0

Time-->

12.55 12.60 12.65 12.70

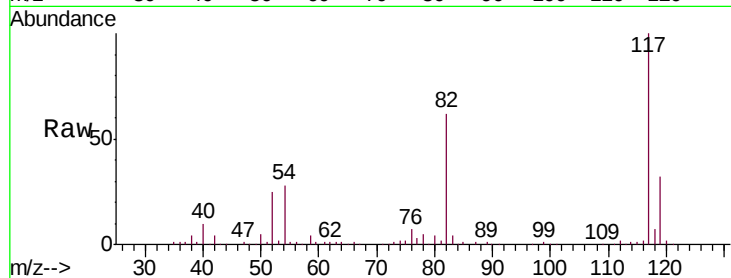




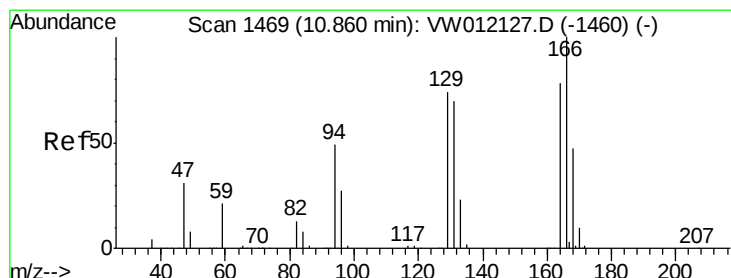
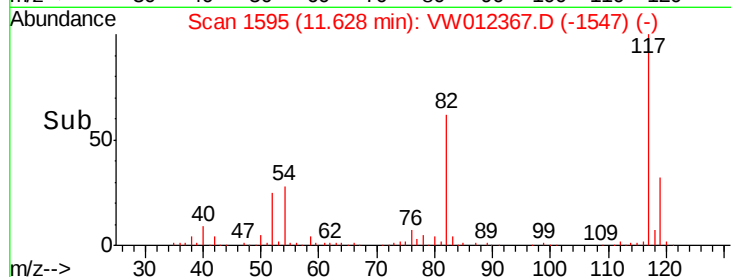
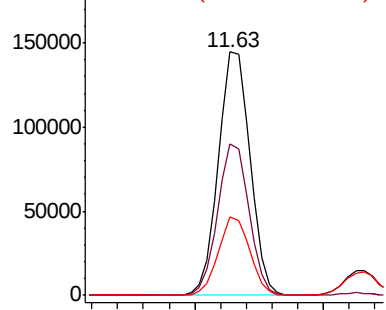
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1595
Delta R.T. -0.01 min
Lab File: VW012367.D
Acq: 30 Aug 2019 23:54

Instrument :
MSVOA_W
ClientSampleId :
VW0830SBSD02

Tgt Ion:117 Resp: 245735
Ion Ratio Lower Upper
117 100
82 62.1 47.4 71.2
119 32.2 25.4 38.2



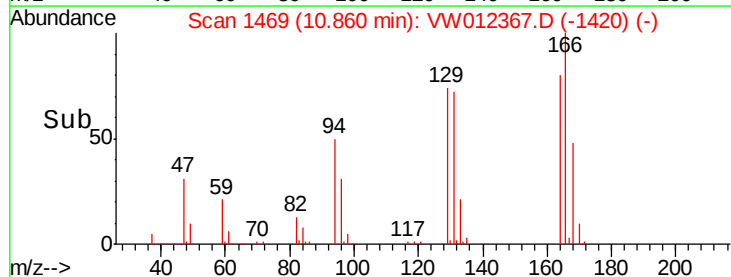
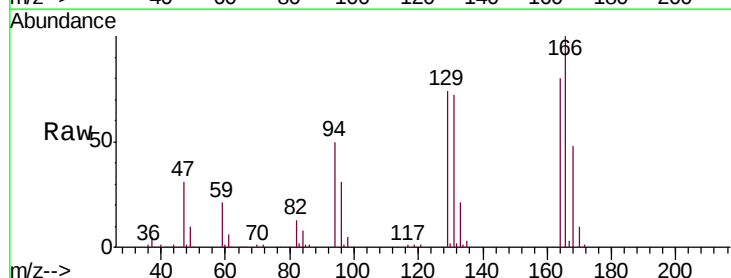
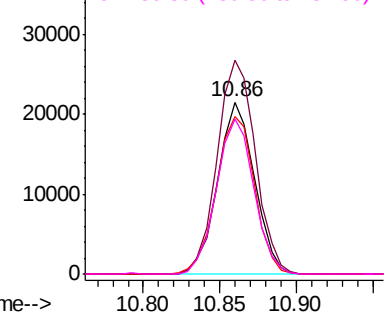
Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

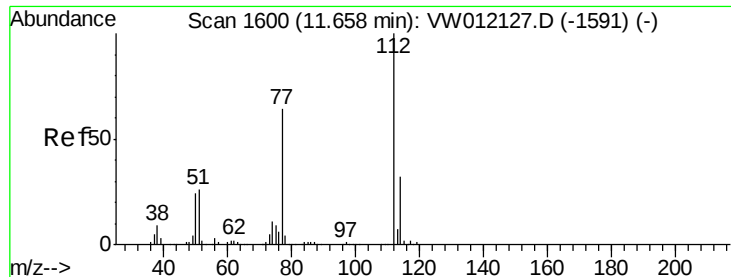


#64
Tetrachloroethene
Concen: 22.635 ug/l
RT: 10.86 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VW012367.D
Acq: 30 Aug 2019 23:54

Tgt Ion:164 Resp: 36061
Ion Ratio Lower Upper
164 100
166 124.4 102.4 153.6
129 91.6 75.8 113.6
131 90.0 71.4 107.2

Abundance Ion 163.80 (163.50 to 164.50): V
Ion 165.80 (165.50 to 166.50): V
Ion 128.80 (128.50 to 129.50): V
Ion 130.80 (130.50 to 131.50): V

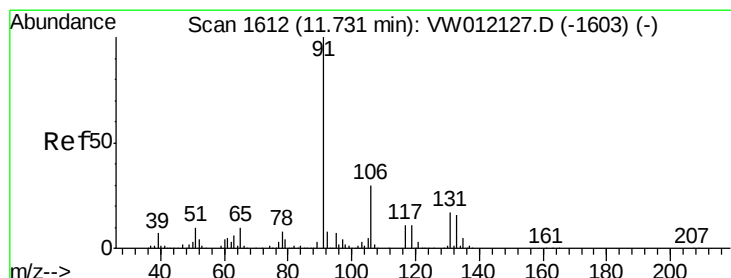
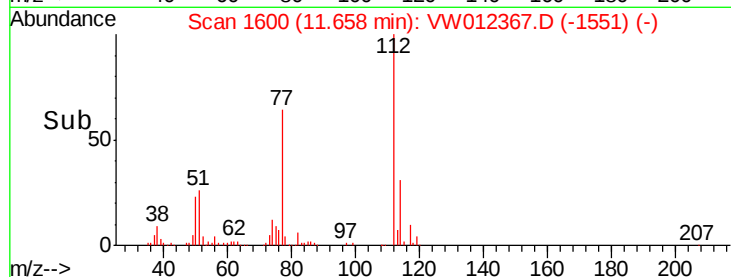
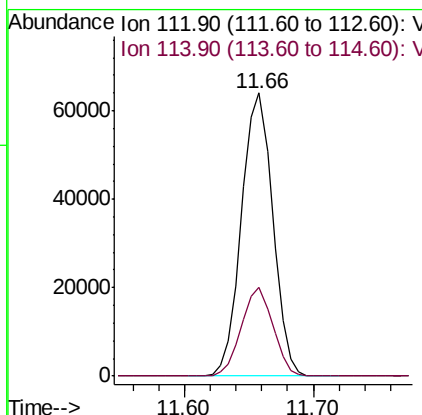
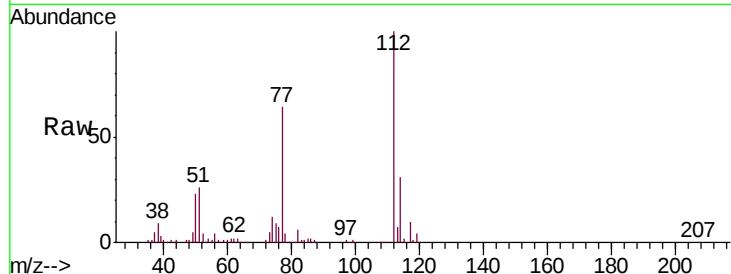




#65
Chlorobenzene
Concen: 22.236 ug/l
RT: 11.66 min Scan# 1600
Delta R.T. -0.00 min
Lab File: VW012367.D
Acq: 30 Aug 2019 23:54

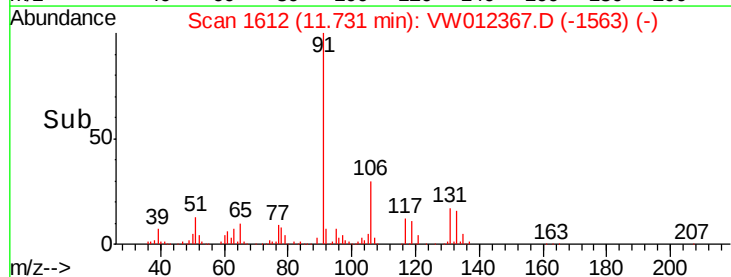
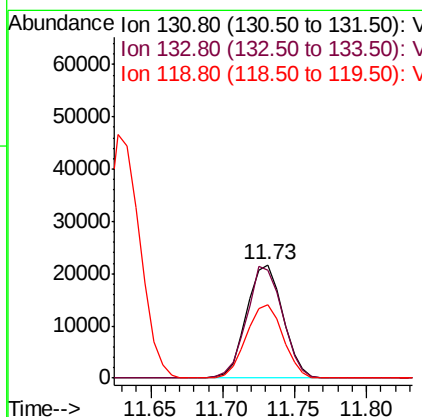
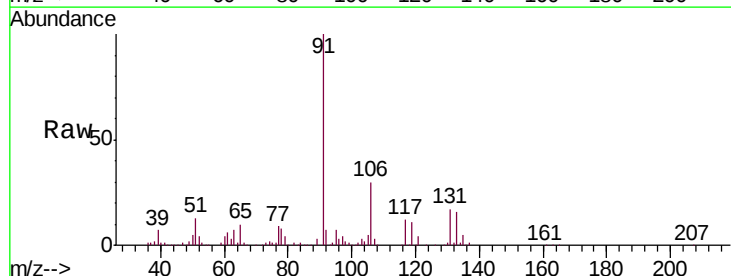
Instrument :
MSVOA_W
ClientSampleId :
VW0830SBS02

Tgt Ion:112 Resp: 107596
Ion Ratio Lower Upper
112 100
114 31.2 25.8 38.6



#66
1,1,1,2-Tetrachloroethane
Concen: 22.496 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. -0.00 min
Lab File: VW012367.D
Acq: 30 Aug 2019 23:54

Tgt Ion:131 Resp: 37975
Ion Ratio Lower Upper
131 100
133 97.1 47.1 141.3
119 65.7 31.8 95.3





#67

Ethyl Benzene

Concen: 22.119 ug/l

RT: 11.73 min Scan# 1612

Delta R.T. -0.00 min

Lab File: VW012367.D

Acq: 30 Aug 2019 23:54

Instrument :

MSVOA_W

ClientSampleId :

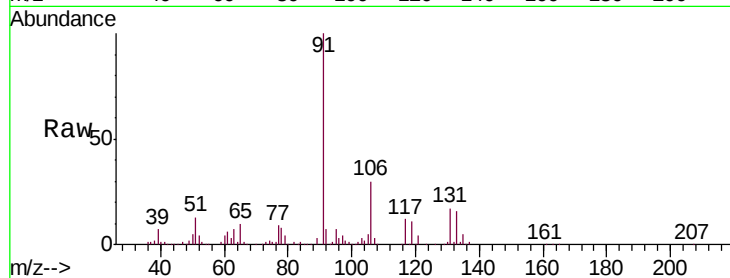
VW0830SBSD02

Tgt Ion: 91 Resp: 206172

Ion Ratio Lower Upper

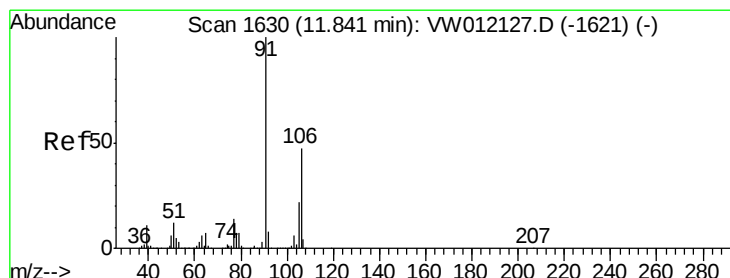
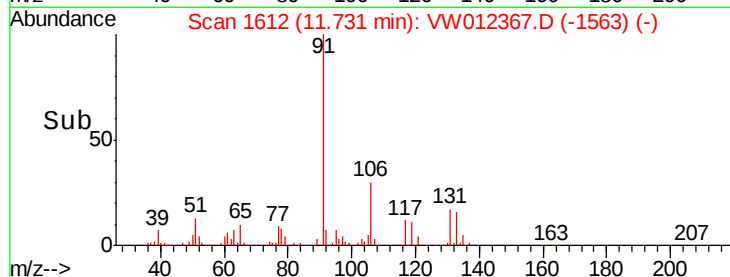
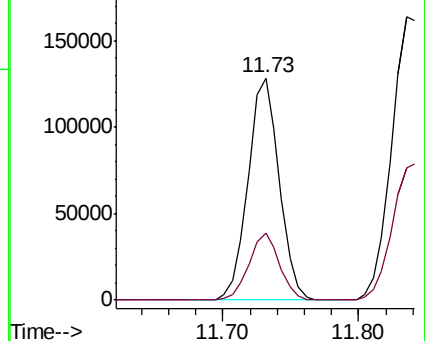
91 100

106 30.0 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: 44.683 ug/l

RT: 11.84 min Scan# 1630

Delta R.T. -0.00 min

Lab File: VW012367.D

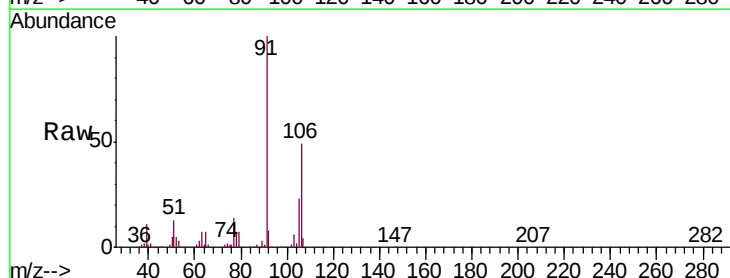
Acq: 30 Aug 2019 23:54

Tgt Ion: 106 Resp: 150024

Ion Ratio Lower Upper

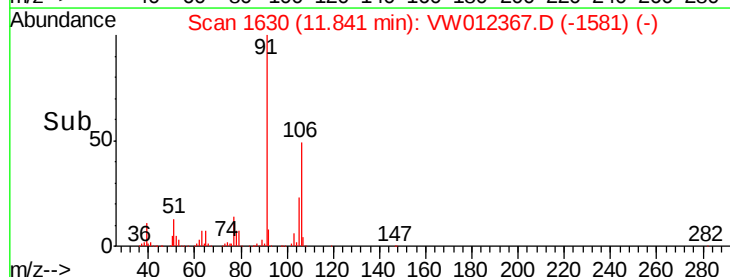
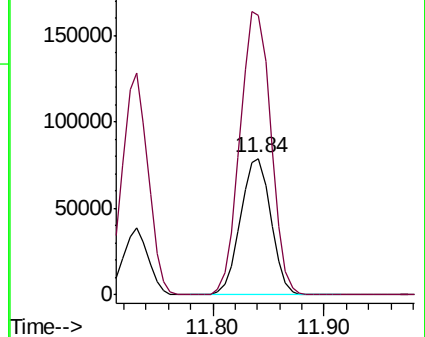
106 100

91 210.8 169.5 254.3



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VW

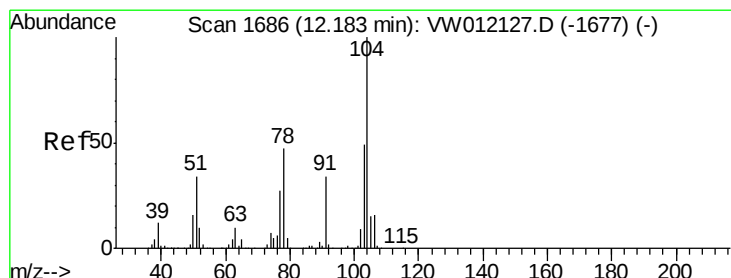
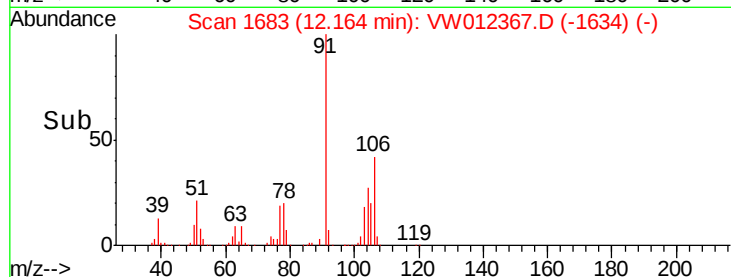
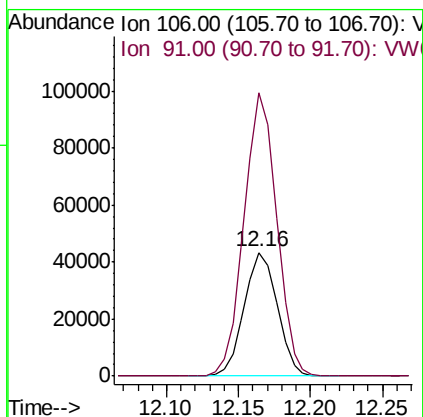
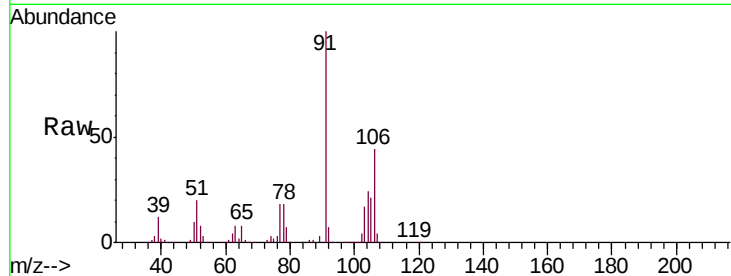




#69
o-Xylene
Concen: 22.305 ug/l
RT: 12.16 min Scan# 1683
Delta R.T. -0.00 min
Lab File: VW012367.D
Acq: 30 Aug 2019 23:54

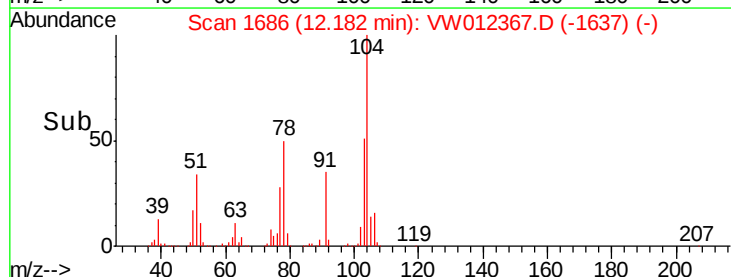
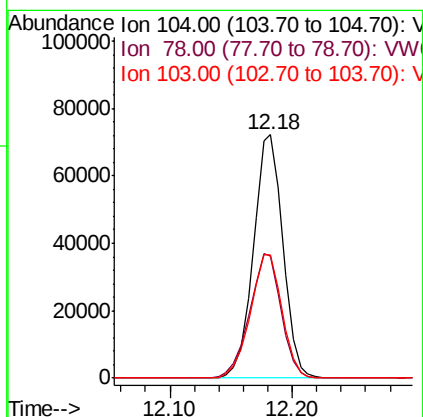
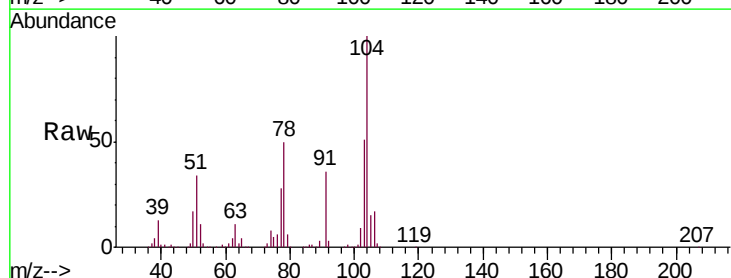
Instrument :
MSVOA_W
ClientSampleId :
VW0830SBSD02

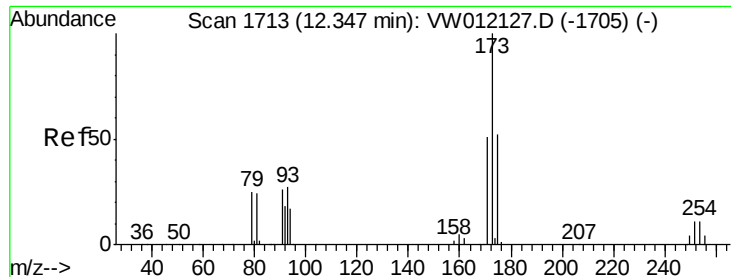
Tgt Ion:106 Resp: 69312
Ion Ratio Lower Upper
106 100
91 226.1 111.6 334.6



#70
Styrene
Concen: 22.495 ug/l
RT: 12.18 min Scan# 1686
Delta R.T. -0.00 min
Lab File: VW012367.D
Acq: 30 Aug 2019 23:54

Tgt Ion:104 Resp: 120998
Ion Ratio Lower Upper
104 100
78 54.8 43.1 64.7
103 55.0 43.5 65.3





#71

Bromoform

Concen: 24.166 ug/l

RT: 12.35 min Scan# 1713

Delta R.T. -0.00 min

Lab File: VW012367.D

Acq: 30 Aug 2019 23:54

Instrument :

MSVOA_W

ClientSampleId :

VW0830SBSD02

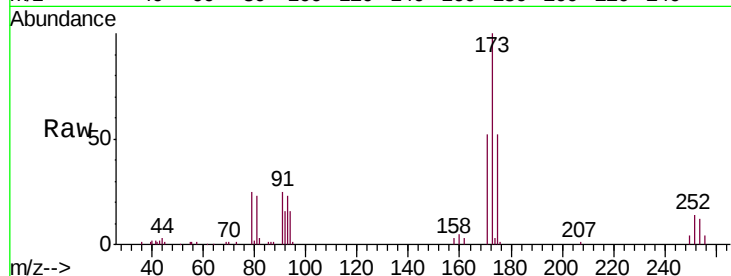
Tgt Ion:173 Resp: 20324

Ion Ratio Lower Upper

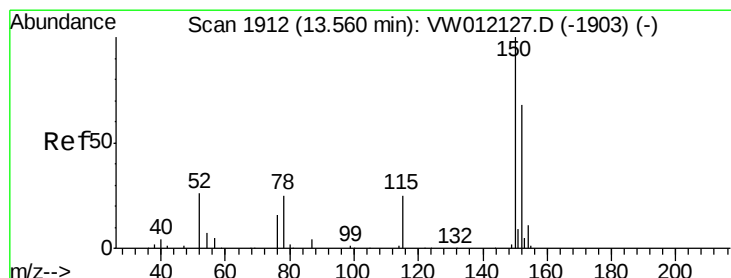
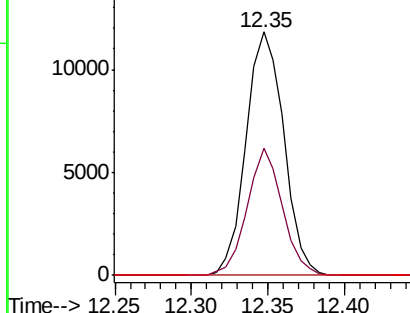
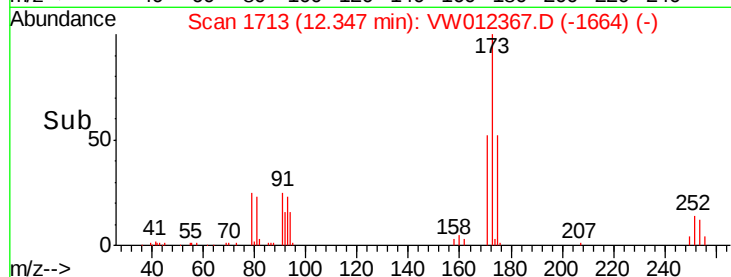
173 100

175 48.6 24.6 74.0

254 0.0 0.2 0.2#



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



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.56 min Scan# 1912

Delta R.T. -0.00 min

Lab File: VW012367.D

Acq: 30 Aug 2019 23:54

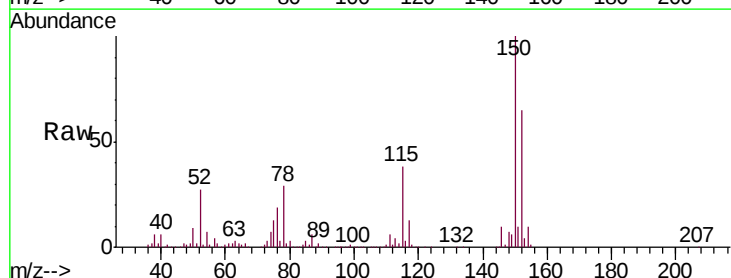
Tgt Ion:152 Resp: 121682

Ion Ratio Lower Upper

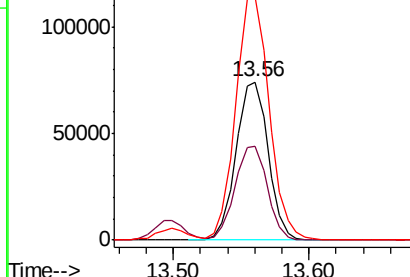
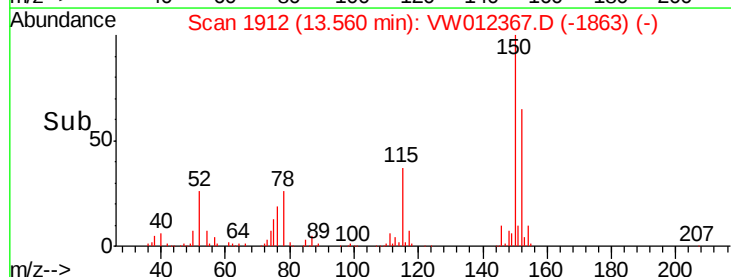
152 100

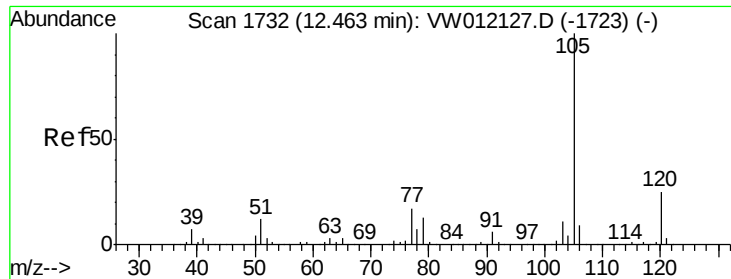
115 60.2 30.1 90.3

150 161.5 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: 21.645 ug/l

RT: 12.46 min Scan# 1732

Delta R.T. -0.00 min

Lab File: VW012367.D

Acq: 30 Aug 2019 23:54

Instrument :

MSVOA_W

ClientSampleId :

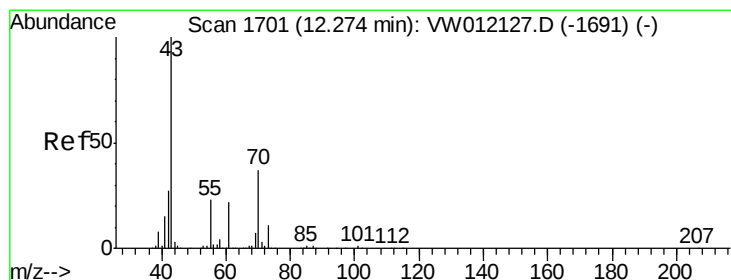
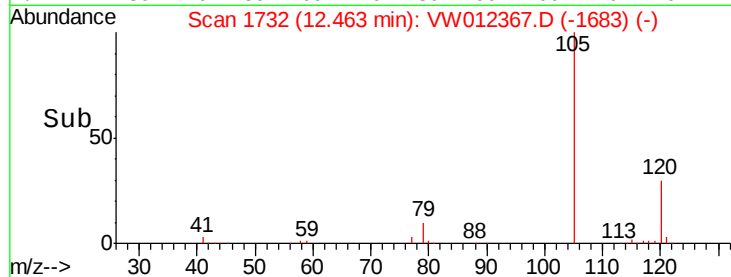
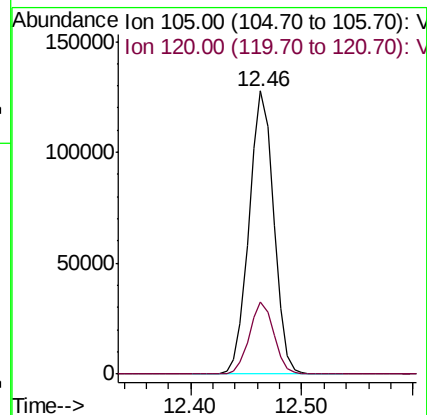
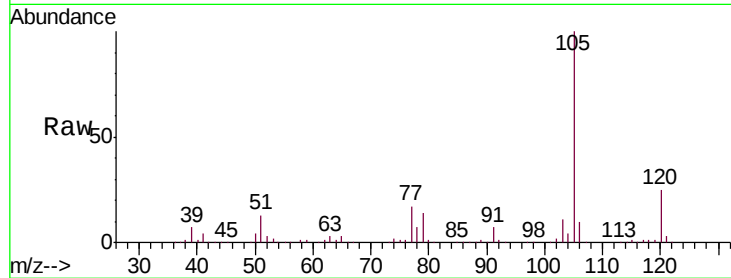
VW0830SBSD02

Tgt Ion:105 Resp: 197355

Ion Ratio Lower Upper

105 100

120 25.3 12.5 37.5



#74

N-ethyl acetate

Concen: 24.424 ug/l

RT: 12.27 min Scan# 1701

Delta R.T. -0.00 min

Lab File: VW012367.D

Acq: 30 Aug 2019 23:54

Tgt Ion: 43 Resp: 67282

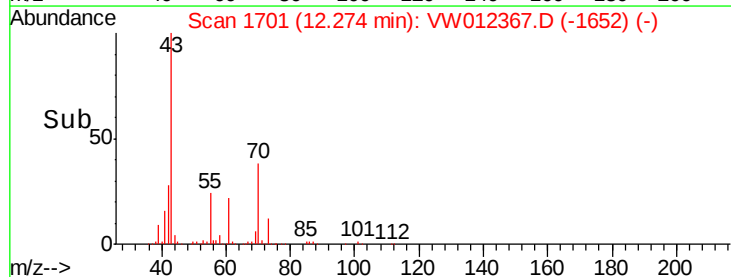
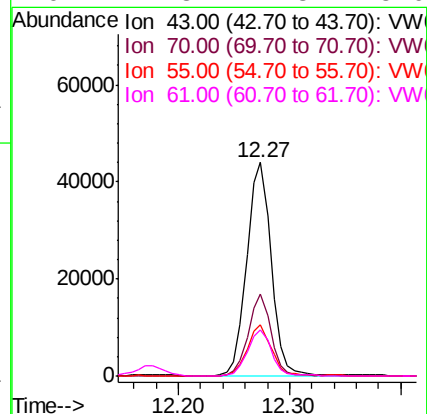
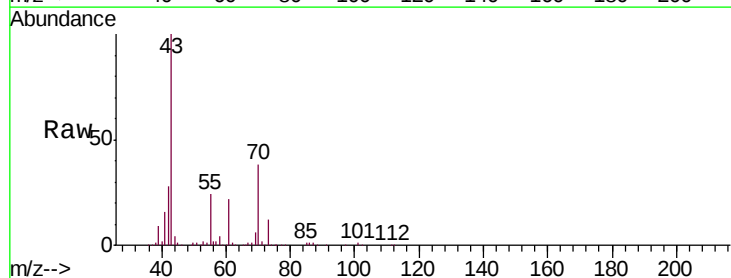
Ion Ratio Lower Upper

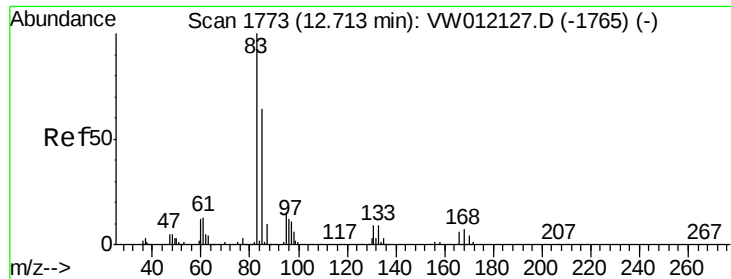
43 100

70 35.3 28.6 43.0

55 23.8 17.8 26.6

61 21.3 17.3 25.9





#75

1,1,2,2-Tetrachloroethane

Concen: 24.441 ug/l

RT: 12.71 min Scan# 1773

Delta R.T. -0.00 min

Lab File: VW012367.D

Acq: 30 Aug 2019 23:54

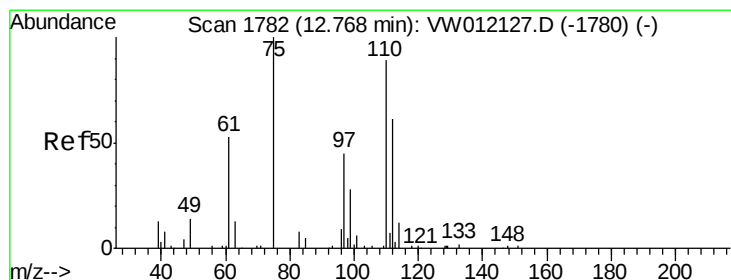
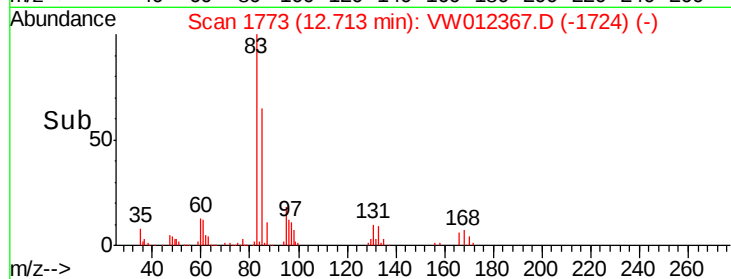
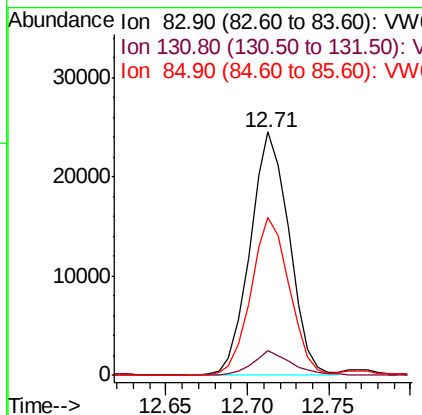
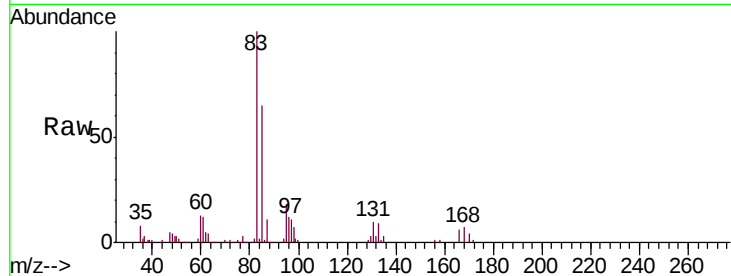
Instrument :

MSVOA_W

ClientSampleId :

VW0830SBSD02

Tgt Ion:	83	Resp:	40855
Ion	Ratio	Lower	Upper
83	100		
131	10.1	4.9	14.7
85	64.1	31.9	95.7



#76

1,2,3-Trichloropropane

Concen: 45.148 ug/l

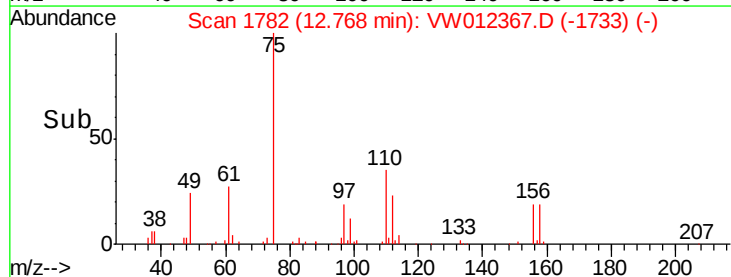
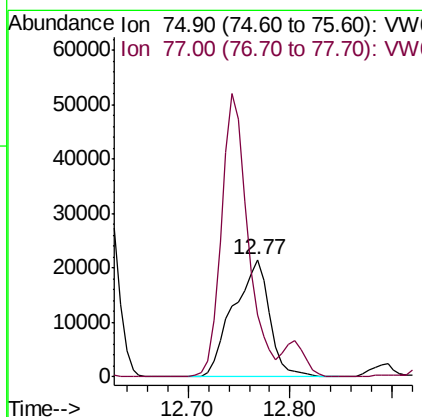
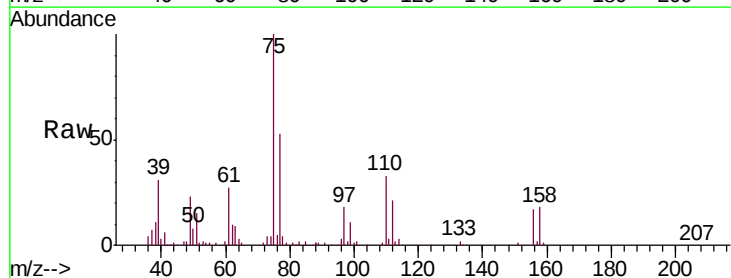
RT: 12.77 min Scan# 1782

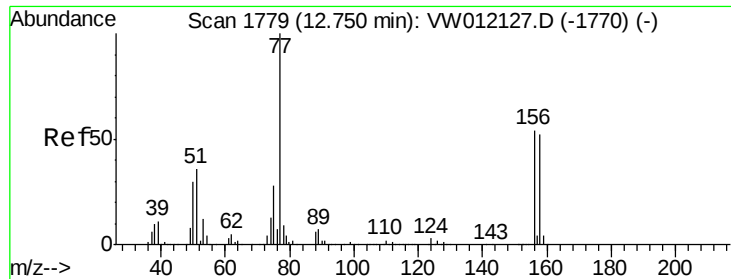
Delta R.T. -0.00 min

Lab File: VW012367.D

Acq: 30 Aug 2019 23:54

Tgt Ion:	75	Resp:	53505
Ion	Ratio	Lower	Upper
75	100		
77	0.0	0.0	0.0





#77

Bromobenzene

Concen: 22.311 ug/l

RT: 12.74 min Scan# 1778

Delta R.T. -0.01 min

Lab File: VW012367.D

Acq: 30 Aug 2019 23:54

Instrument :

MSVOA_W

ClientSampleId :

VW0830SBSD02

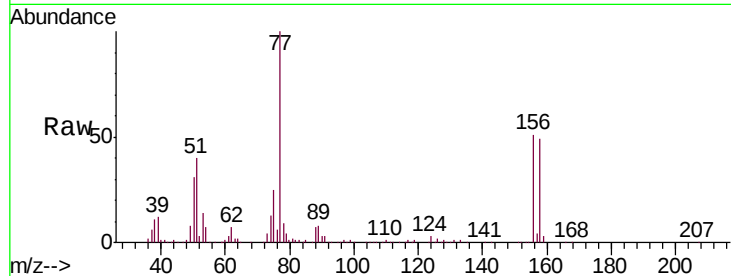
Tgt Ion:156 Resp: 44010

Ion Ratio Lower Upper

156 100

77 214.3 107.3 321.8

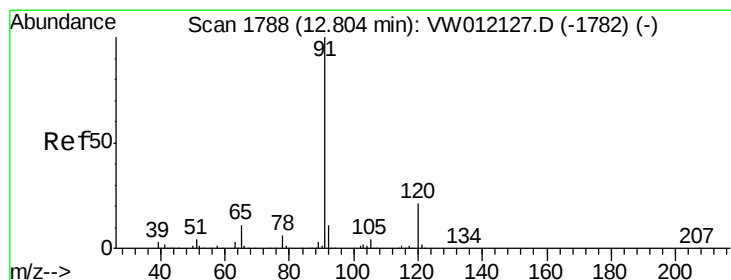
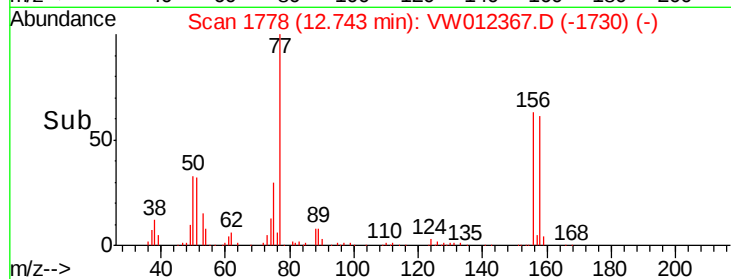
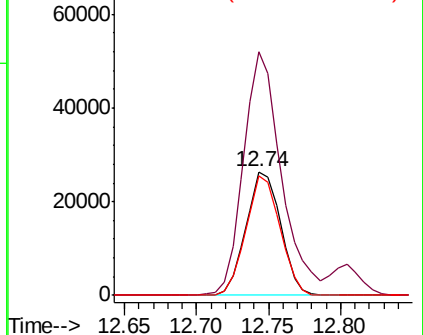
158 95.3 49.0 147.0



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: 21.756 ug/l

RT: 12.80 min Scan# 1788

Delta R.T. -0.00 min

Lab File: VW012367.D

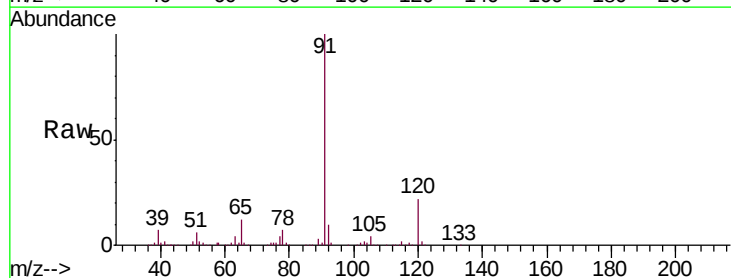
Acq: 30 Aug 2019 23:54

Tgt Ion: 91 Resp: 242163

Ion Ratio Lower Upper

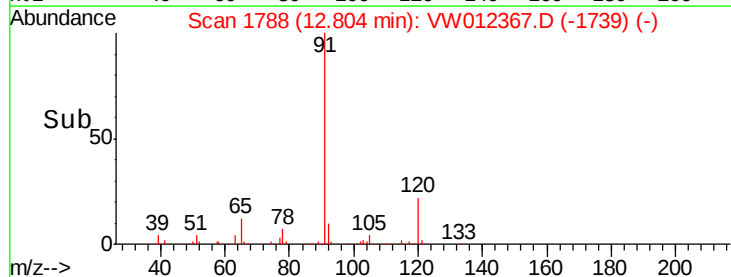
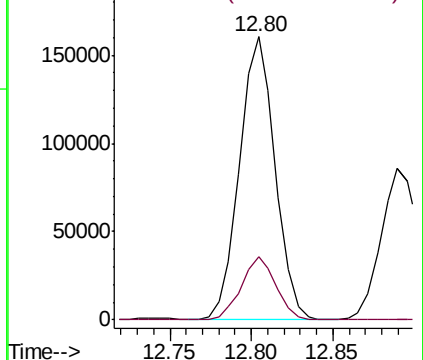
91 100

120 21.8 10.5 31.6



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 120.00 (119.70 to 120.70): V

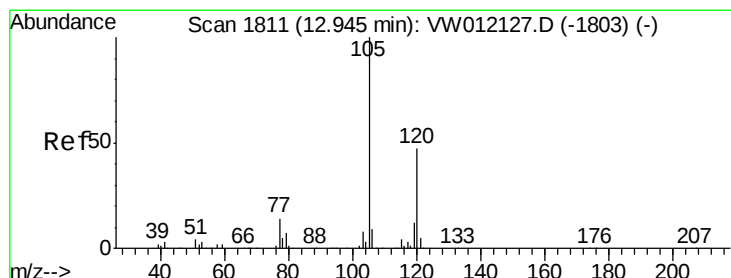
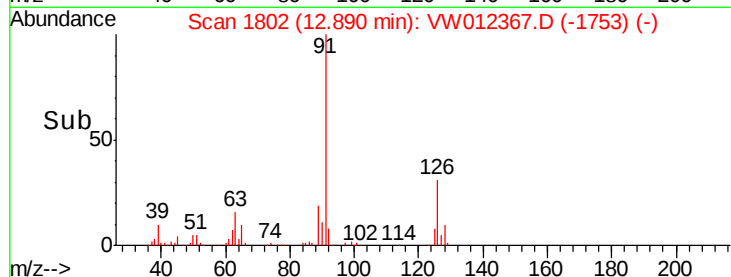
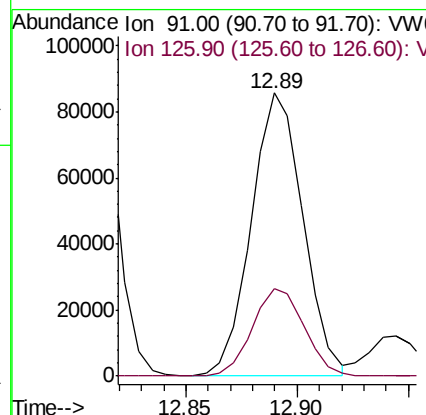
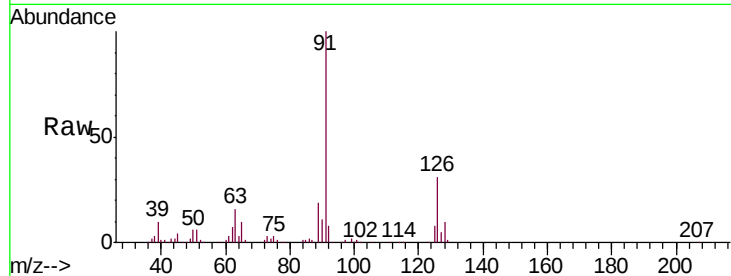




#79
 2-Chlorotoluene
 Concen: 21.832 ug/l
 RT: 12.89 min Scan# 1802
 Delta R.T. -0.00 min
 Lab File: VW012367.D
 Acq: 30 Aug 2019 23:54

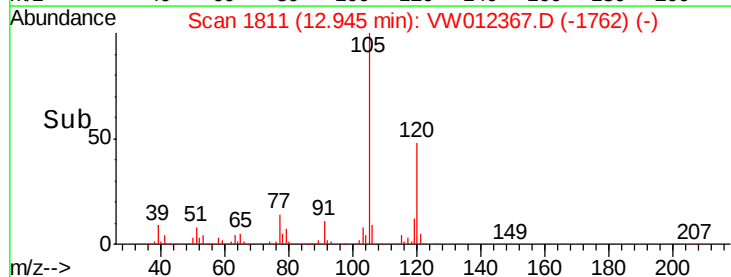
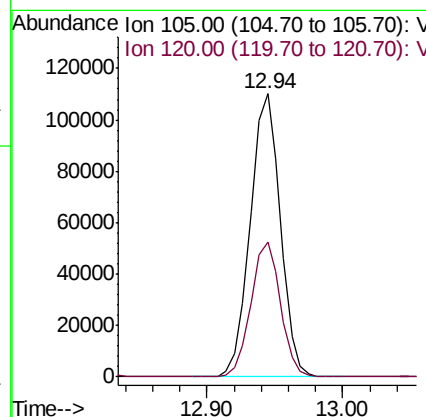
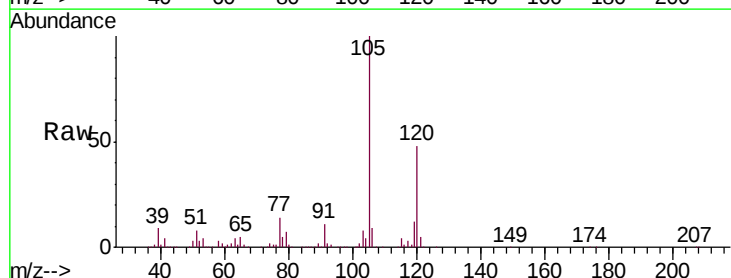
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0830SBS02

Tgt Ion: 91 Resp: 137971
 Ion Ratio Lower Upper
 91 100
 126 31.4 15.7 47.0



#80
 1,3,5-Trimethylbenzene
 Concen: 22.414 ug/l
 RT: 12.94 min Scan# 1811
 Delta R.T. -0.00 min
 Lab File: VW012367.D
 Acq: 30 Aug 2019 23:54

Tgt Ion: 105 Resp: 170772
 Ion Ratio Lower Upper
 105 100
 120 47.0 24.0 72.0

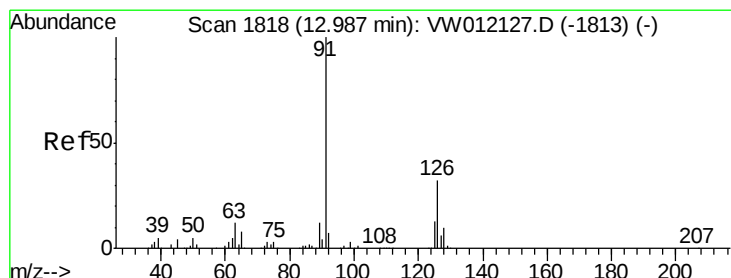
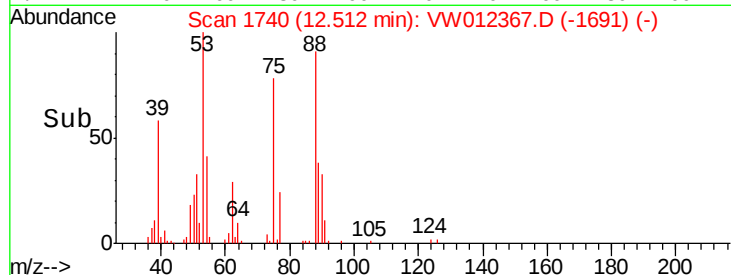
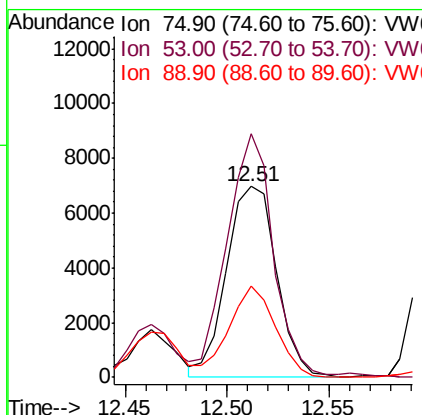
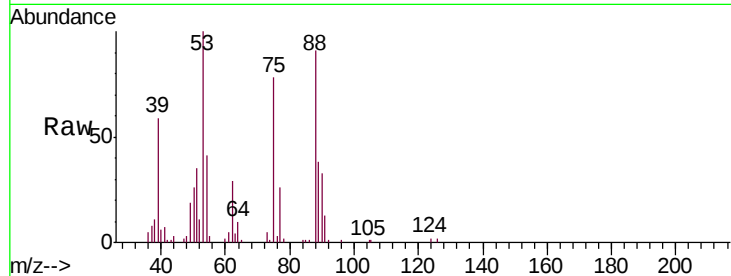




#81
trans-1,4-Dichloro-2-butene
Concen: 21.972 ug/l
RT: 12.51 min Scan# 1740
Delta R.T. -0.00 min
Lab File: VW012367.D
Acq: 30 Aug 2019 23:54

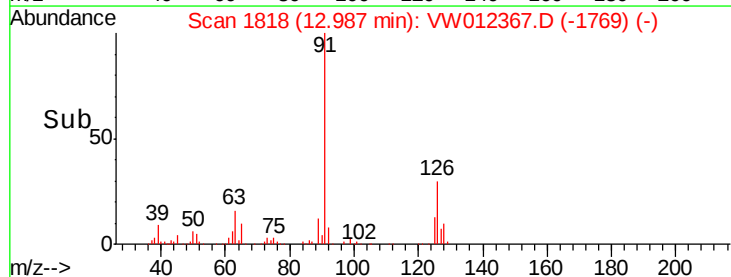
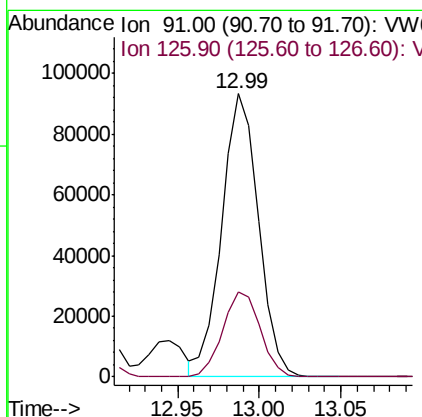
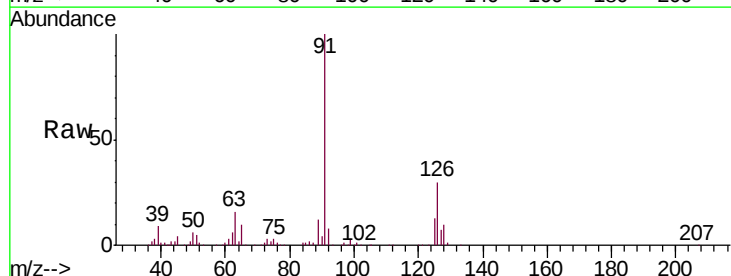
Instrument :
MSVOA_W
ClientSampleId :
VW0830SBSD02

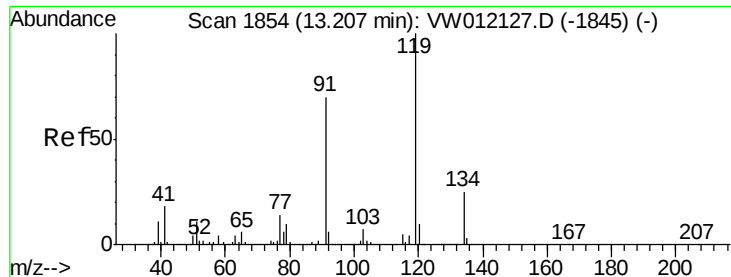
Tgt Ion: 75 Resp: 11876
Ion Ratio Lower Upper
75 100
53 116.0 89.4 134.0
89 45.4 34.5 51.7



#82
4-Chlorotoluene
Concen: 22.076 ug/l
RT: 12.99 min Scan# 1818
Delta R.T. -0.00 min
Lab File: VW012367.D
Acq: 30 Aug 2019 23:54

Tgt Ion: 91 Resp: 146076
Ion Ratio Lower Upper
91 100
126 30.8 15.6 46.8

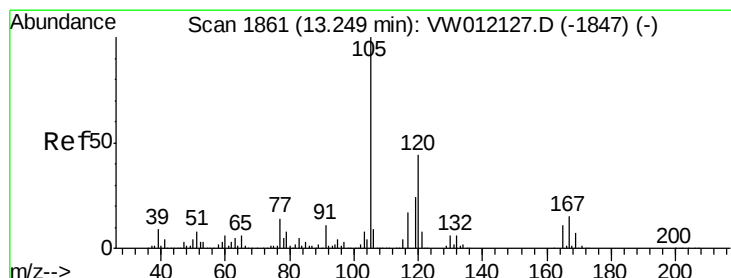
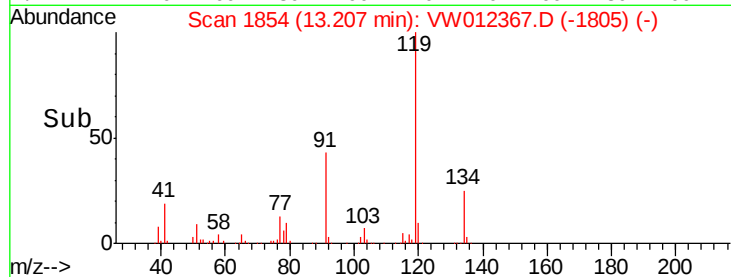
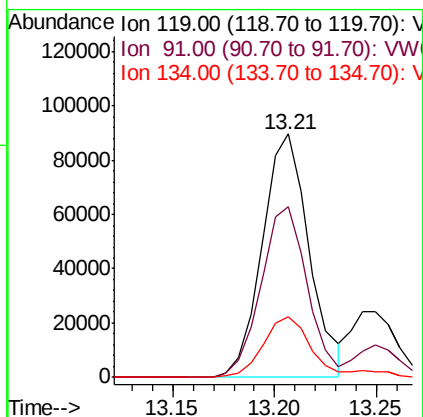
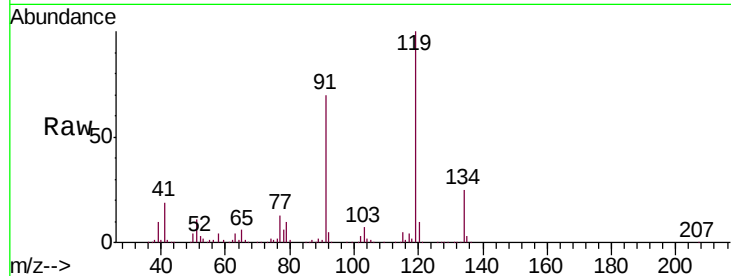




#83
 tert-Butylbenzene
 Concen: 22.241 ug/l
 RT: 13.21 min Scan# 1854
 Delta R.T. -0.00 min
 Lab File: VW012367.D
 Acq: 30 Aug 2019 23:54

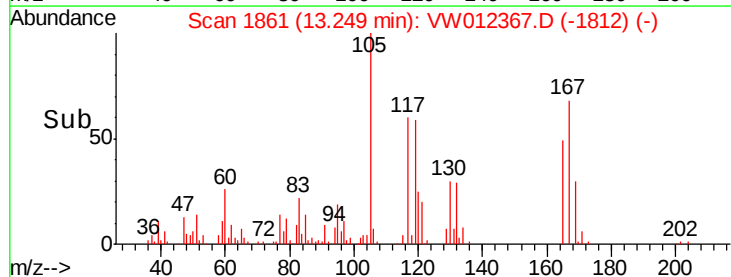
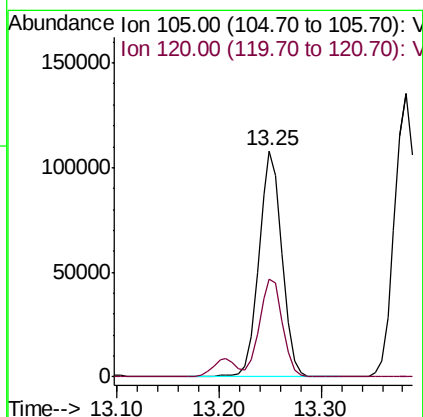
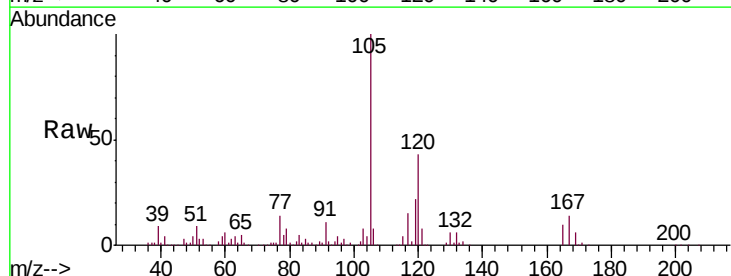
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0830SBS02

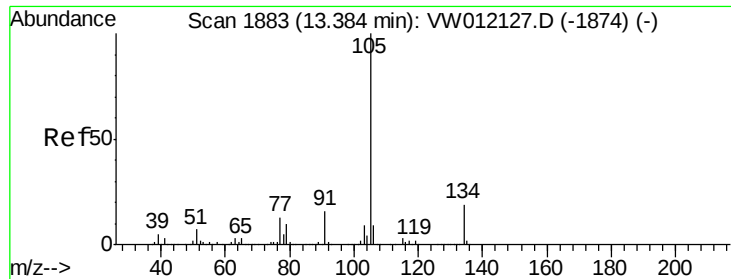
Tgt Ion:119 Resp: 143535
 Ion Ratio Lower Upper
 119 100
 91 69.4 34.8 104.3
 134 25.1 13.3 39.8



#84
 1,2,4-Trimethylbenzene
 Concen: 22.241 ug/l
 RT: 13.25 min Scan# 1861
 Delta R.T. -0.00 min
 Lab File: VW012367.D
 Acq: 30 Aug 2019 23:54

Tgt Ion:105 Resp: 170220
 Ion Ratio Lower Upper
 105 100
 120 43.2 21.9 65.7





#85

sec-Butylbenzene

Concen: 22.089 ug/l

RT: 13.38 min Scan# 1883

Delta R.T. -0.00 min

Lab File: VW012367.D

Acq: 30 Aug 2019 23:54

Instrument :

MSVOA_W

ClientSampleId :

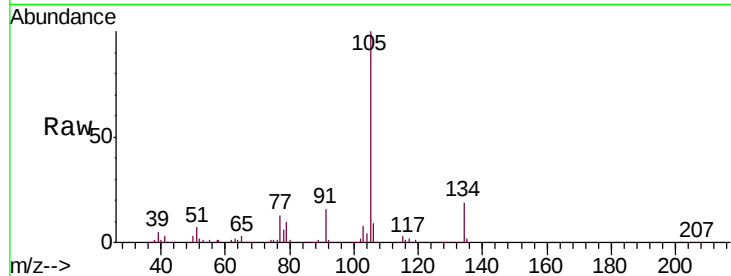
VW0830SBSD02

Tgt Ion:105 Resp: 204242

Ion Ratio Lower Upper

105 100

134 19.4 9.8 29.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

13.38

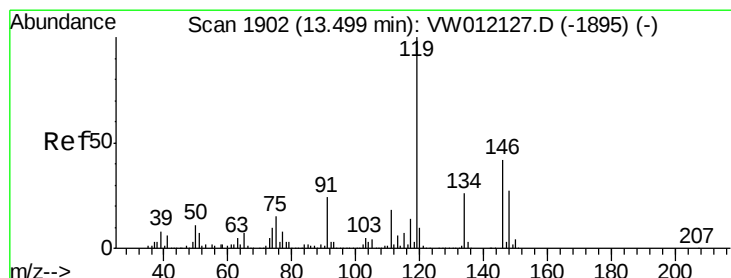
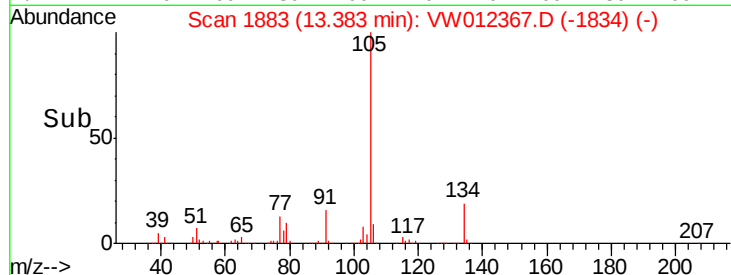
150000

100000

50000

0

Time-->



#86

p-Isopropyltoluene

Concen: 22.190 ug/l

RT: 13.50 min Scan# 1902

Delta R.T. -0.00 min

Lab File: VW012367.D

Acq: 30 Aug 2019 23:54

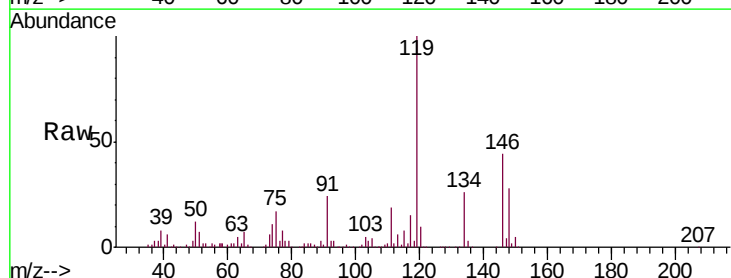
Tgt Ion:119 Resp: 183232

Ion Ratio Lower Upper

119 100

134 25.6 12.8 38.3

91 24.7 12.3 36.9



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

13.50

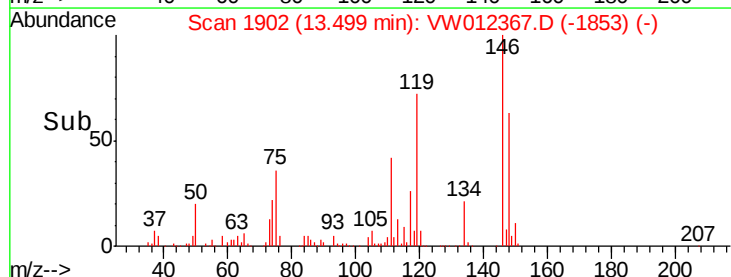
150000

100000

50000

0

Time-->

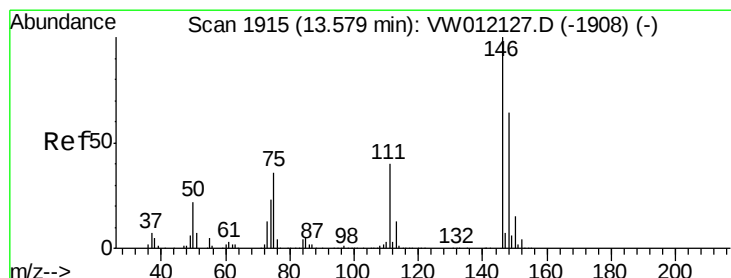
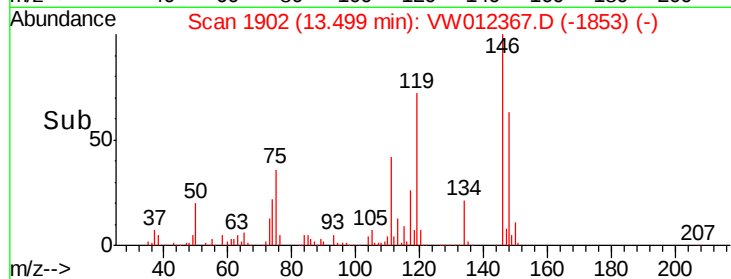
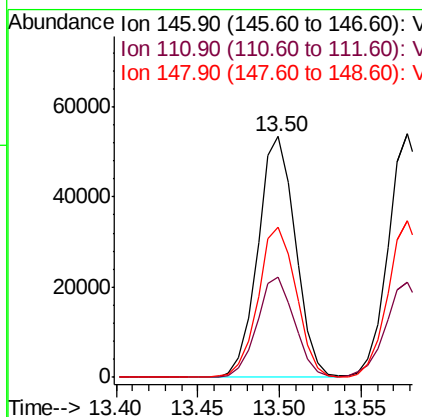
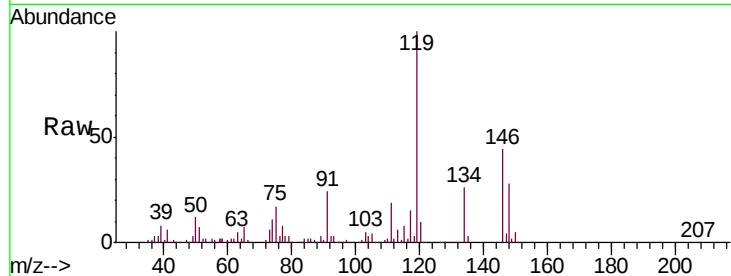




#87
 1,3-Dichlorobenzene
 Concen: 22.157 ug/l
 RT: 13.50 min Scan# 1902
 Delta R.T. -0.00 min
 Lab File: VW012367.D
 Acq: 30 Aug 2019 23:54

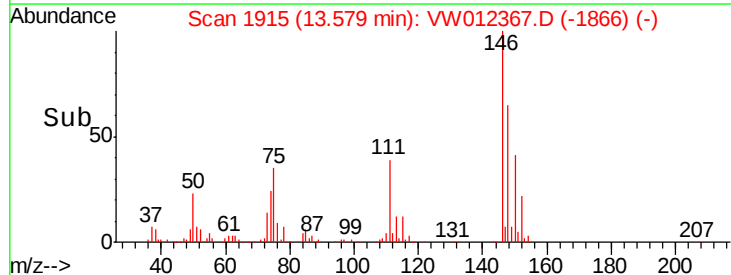
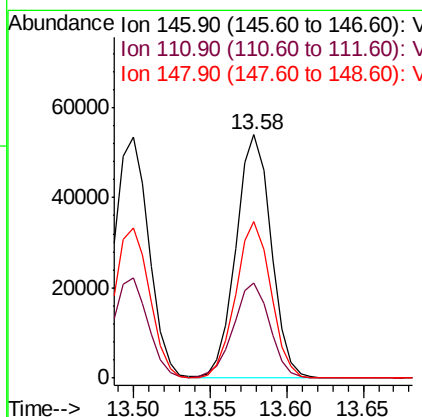
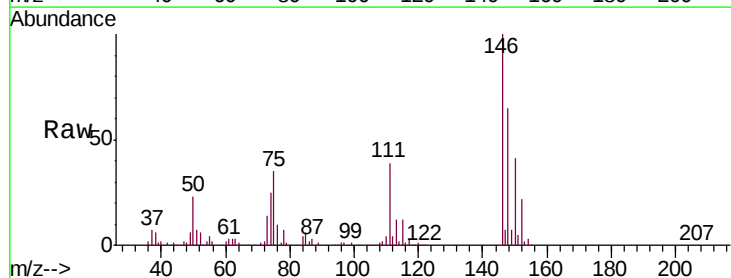
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0830SBS02

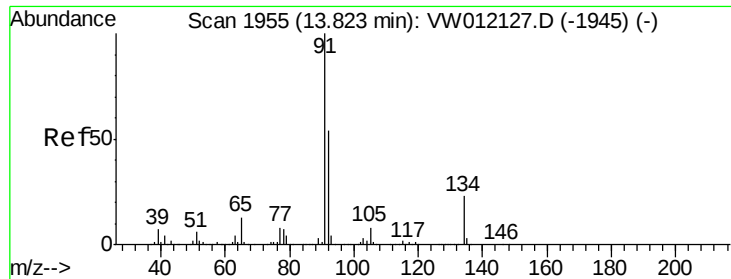
Tgt Ion:146 Resp: 85488
 Ion Ratio Lower Upper
 146 100
 111 41.6 20.9 62.7
 148 63.2 32.2 96.6



#88
 1,4-Dichlorobenzene
 Concen: 22.459 ug/l
 RT: 13.58 min Scan# 1915
 Delta R.T. -0.00 min
 Lab File: VW012367.D
 Acq: 30 Aug 2019 23:54

Tgt Ion:146 Resp: 86038
 Ion Ratio Lower Upper
 146 100
 111 40.6 20.0 60.0
 148 64.4 32.1 96.3





#89

n-Butylbenzene

Concen: 22.017 ug/l

RT: 13.82 min Scan# 1955

Delta R.T. -0.00 min

Lab File: VW012367.D

Acq: 30 Aug 2019 23:54

Instrument :

MSVOA_W

ClientSampleId :

VW0830SBSD02

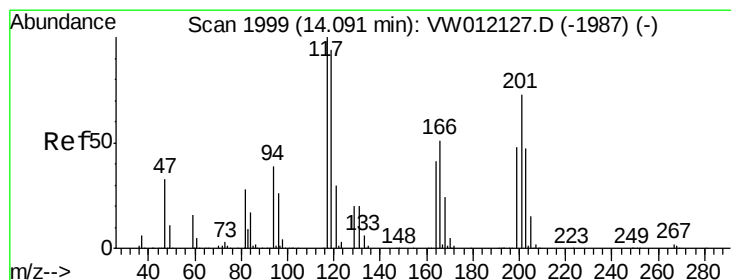
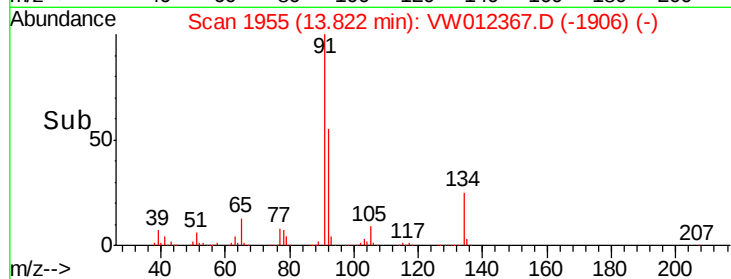
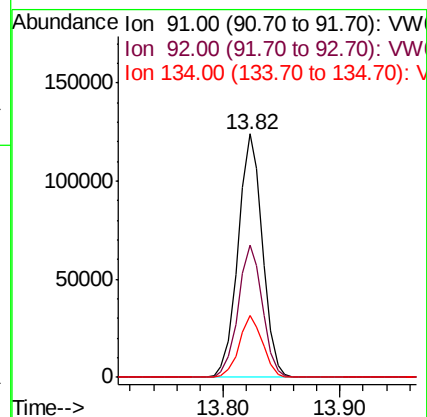
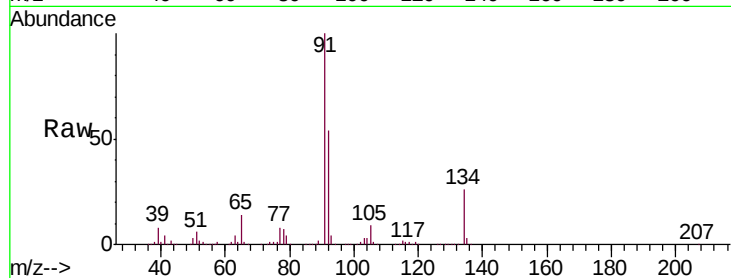
Tgt Ion: 91 Resp: 180790

Ion Ratio Lower Upper

91 100

92 54.0 27.1 81.2

134 24.5 12.2 36.4



#90

Hexachloroethane

Concen: 21.976 ug/l

RT: 14.09 min Scan# 1999

Delta R.T. -0.00 min

Lab File: VW012367.D

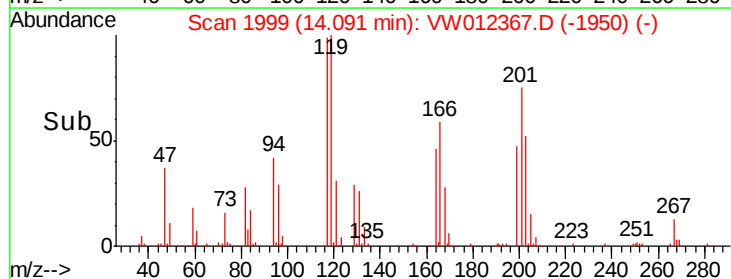
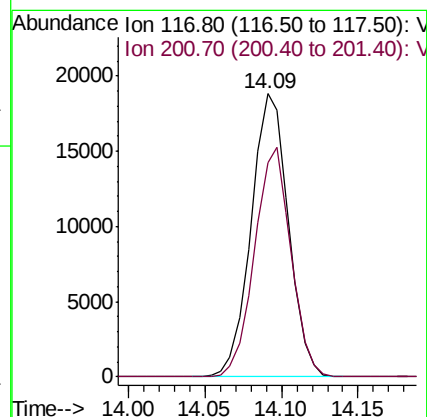
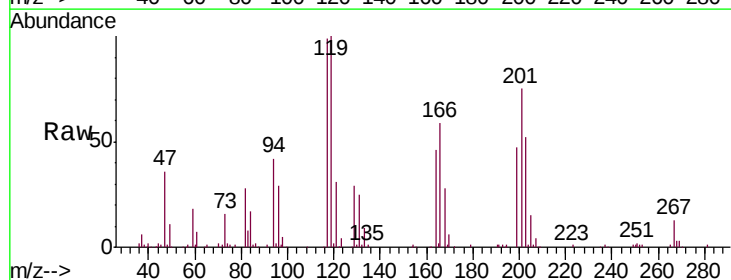
Acq: 30 Aug 2019 23:54

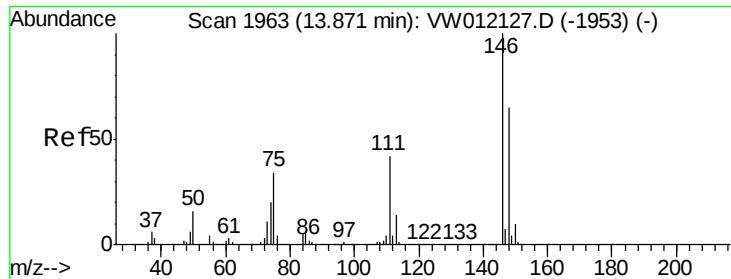
Tgt Ion: 117 Resp: 31837

Ion Ratio Lower Upper

117 100

201 79.2 38.6 115.7





#91

1,2-Dichlorobenzene

Concen: 23.064 ug/l

RT: 13.87 min Scan# 1963

Delta R.T. -0.00 min

Lab File: VW012367.D

Acq: 30 Aug 2019 23:54

Instrument :

MSVOA_W

ClientSampleId :

VW0830SBS02

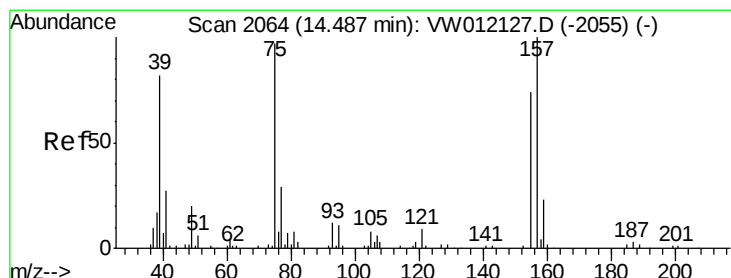
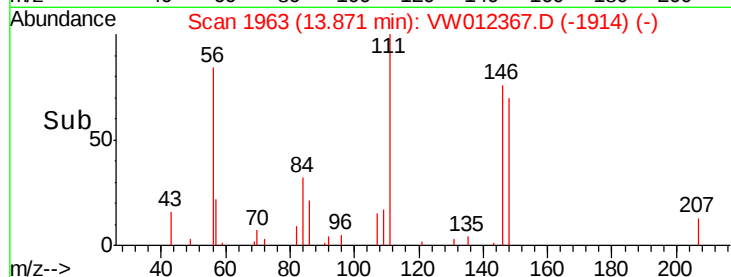
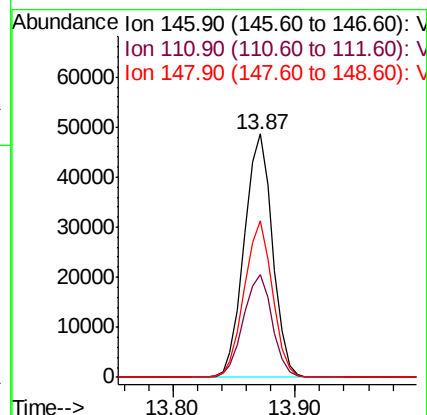
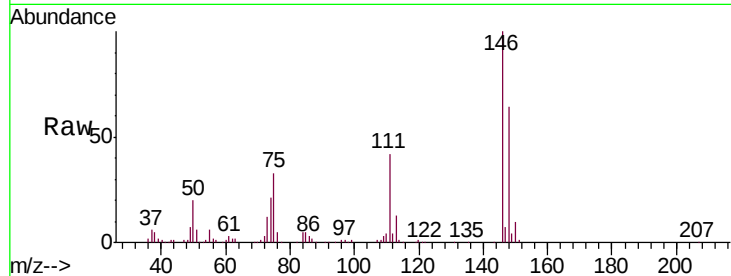
Tgt Ion:146 Resp: 78064

Ion Ratio Lower Upper

146 100

111 43.2 21.2 63.6

148 63.8 32.5 97.4



#92

1,2-Dibromo-3-Chloropropane

Concen: 26.476 ug/l

RT: 14.49 min Scan# 2064

Delta R.T. -0.00 min

Lab File: VW012367.D

Acq: 30 Aug 2019 23:54

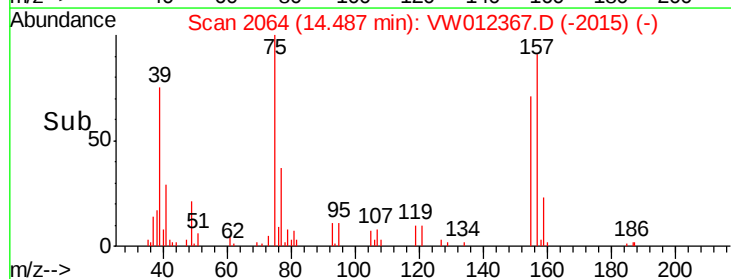
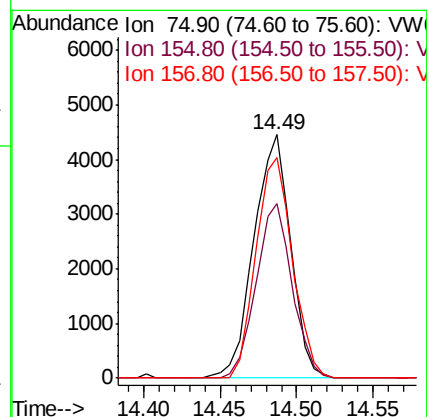
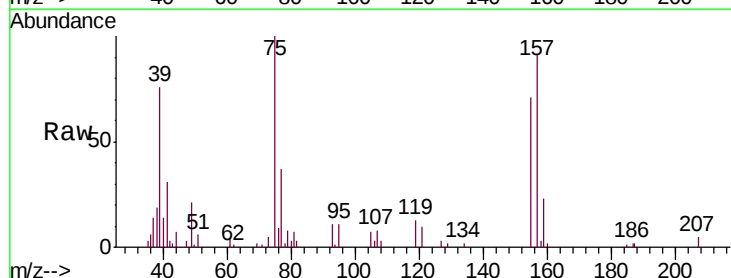
Tgt Ion: 75 Resp: 7461

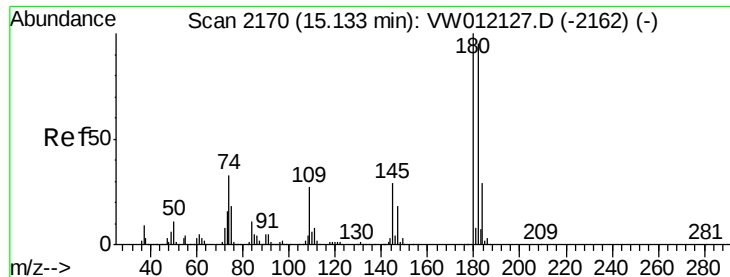
Ion Ratio Lower Upper

75 100

155 70.1 37.5 112.3

157 89.5 50.5 151.5

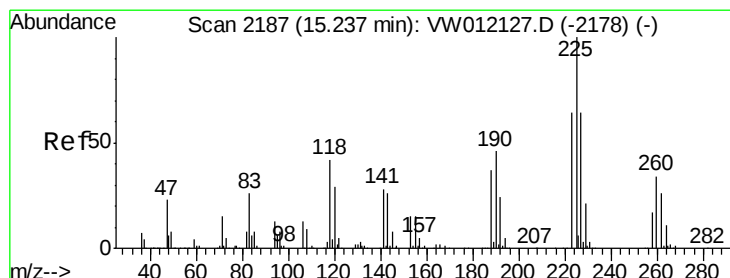
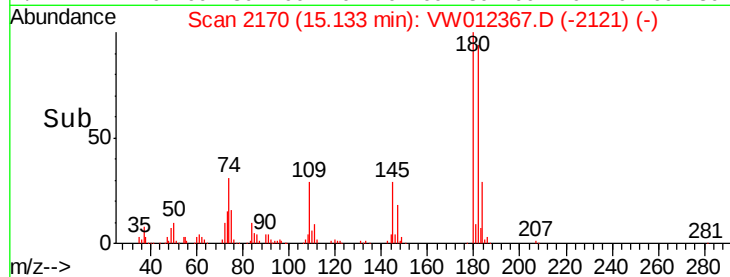
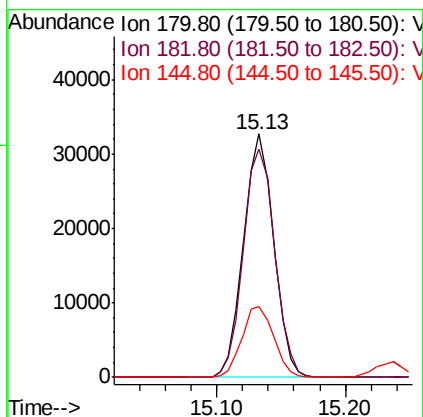
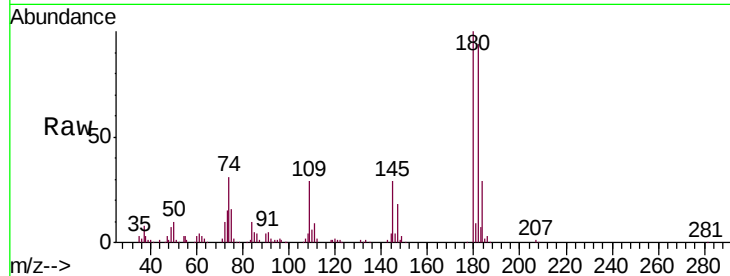




#93
 1,2,4-Trichlorobenzene
 Concen: 22.663 ug/l
 RT: 15.13 min Scan# 2170
 Delta R.T. -0.00 min
 Lab File: VW012367.D
 Acq: 30 Aug 2019 23:54

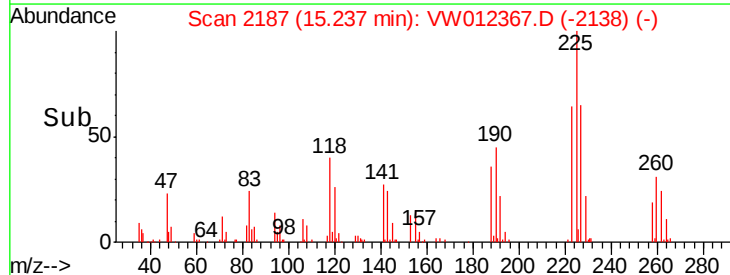
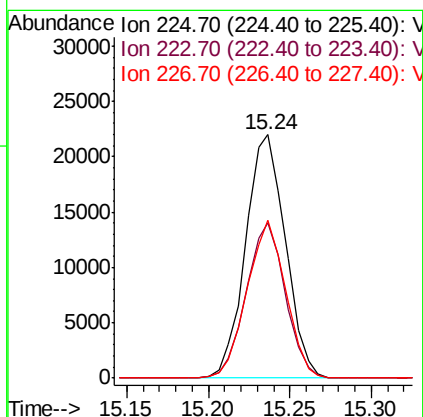
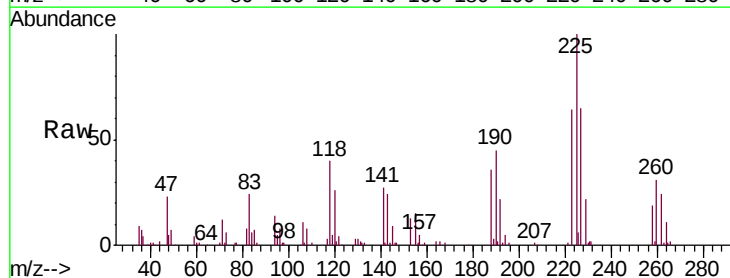
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0830SBSD02

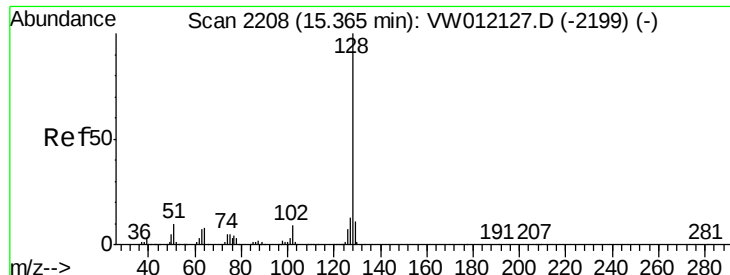
Tgt Ion	Ratio	Lower	Upper
180	100		
182	97.3	47.8	143.4
145	30.7	15.0	45.1



#94
 Hexachlorobutadiene
 Concen: 24.130 ug/l
 RT: 15.24 min Scan# 2187
 Delta R.T. -0.00 min
 Lab File: VW012367.D
 Acq: 30 Aug 2019 23:54

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.5	32.3	96.8
227	62.9	32.9	98.6

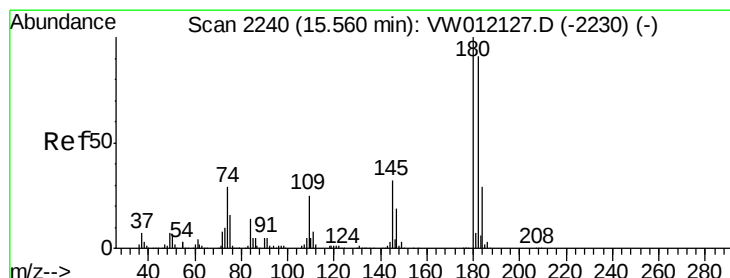
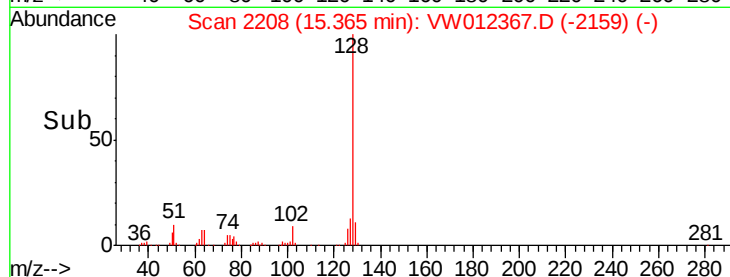
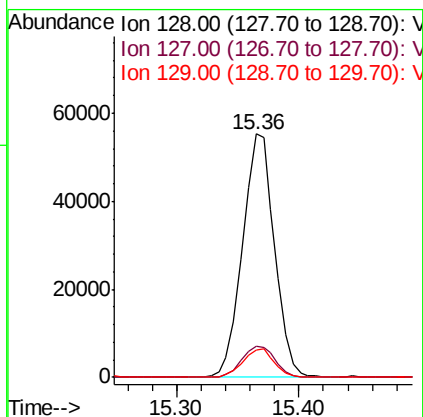
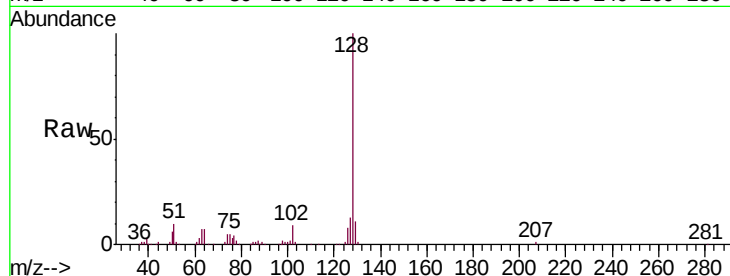




#95
Naphthalene
Concen: 24.270 ug/l
RT: 15.36 min Scan# 2208
Delta R.T. 0.00 min
Lab File: VW012367.D
Acq: 30 Aug 2019 23:54

Instrument :
MSVOA_W
ClientSampleId :
VW0830SBSD02

Tgt Ion:128 Resp: 100224
Ion Ratio Lower Upper
128 100
127 13.3 10.7 16.1
129 11.3 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 23.649 ug/l
RT: 15.55 min Scan# 2239
Delta R.T. -0.01 min
Lab File: VW012367.D
Acq: 30 Aug 2019 23:54

Tgt Ion:180 Resp: 48262
Ion Ratio Lower Upper
180 100
182 94.6 47.1 141.3
145 31.8 16.2 48.5

