

Data File : VW008332.D
Acq On : 17 Jan 2019 17:05
Operator : SY/VA
Sample : VW0117SBSD01
Misc : 5.00G/5ML/MSVOA_W/SOIL
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VW0117SBSD01

Quant Time: Jan 18 01:07:00 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W011719S.M
Quant Title : SW846 8260
QLast Update : Fri Jan 18 00:57:07 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	110347	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	180278	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	167288	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	85393	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.30	65	60015	52.28	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.56%	
35) Dibromofluoromethane	7.88	113	58820	51.11	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.22%	
50) Toluene-d8	10.32	98	238411	52.74	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.48%	
62) 4-Bromofluorobenzene	12.62	95	84525	52.13	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.26%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.01	85	13933	20.039	ug/l	96
3) Chloromethane	2.21	50	18996	18.638	ug/l	99
4) Vinyl Chloride	2.37	62	25880	19.873	ug/l	91
5) Bromomethane	2.78	94	19212	19.467	ug/l	85
6) Chloroethane	2.92	64	16999	19.943	ug/l	92
7) Trichlorofluoromethane	3.26	101	17968	18.791	ug/l	92
8) Diethyl Ether	3.68	74	13116	19.781	ug/l	90
9) 1,1,2-Trichlorotrifluoroet	4.05	101	23003	20.663	ug/l	93
10) Methyl Iodide	4.26	142	33121	18.447	ug/l	99
11) Tert butyl alcohol	5.18	59	8373	108.338	ug/l	100
12) 1,1-Dichloroethene	4.03	96	21643	19.115	ug/l	97
13) Acrolein	3.89	56	5315	72.114	ug/l	97
14) Allyl chloride	4.66	41	36499	19.283	ug/l	99
15) Acrylonitrile	5.36	53	25353	99.538	ug/l	97
16) Acetone	4.12	43	27757	104.124	ug/l	99
17) Carbon Disulfide	4.37	76	61594	17.878	ug/l	99
18) Methyl Acetate	4.67	43	15456	21.705	ug/l	97
19) Methyl tert-butyl Ether	5.43	73	35477	20.469	ug/l	100
20) Methylene Chloride	4.90	84	26080	18.876	ug/l	97
21) trans-1,2-Dichloroethene	5.42	96	24302	19.110	ug/l	86
22) Diisopropyl ether	6.32	45	72464	19.609	ug/l	97
23) Vinyl Acetate	6.25	43	201509	102.010	ug/l	98
24) 1,1-Dichloroethane	6.21	63	43905	19.512	ug/l	99
25) 2-Butanone	7.17	43	35565	104.165	ug/l	97
26) 2,2-Dichloropropane	7.16	77	28646	19.950	ug/l	98
27) cis-1,2-Dichloroethene	7.16	96	26502	19.235	ug/l	96
28) Bromochloromethane	7.51	49	17447	18.820	ug/l #	100
29) Tetrahydrofuran	7.52	42	21977	103.249	ug/l	98
30) Chloroform	7.67	83	44410	19.948	ug/l	99
31) Cyclohexane	7.95	56	40677	18.974	ug/l	95
32) 1,1,1-Trichloroethane	7.87	97	35470	18.984	ug/l	98
36) 1,1-Dichloropropene	8.07	75	35457	19.549	ug/l	99
37) Ethyl Acetate	7.25	43	15016	20.076	ug/l	98
38) Carbon Tetrachloride	8.07	117	33824	18.885	ug/l	93

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Instrument :
MSVOA_W
ClientSampleId :
VW0117SBS01

Quant Time: Jan 18 01:07:00 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W011719S.M
Quant Title : SW846 8260
QLast Update : Fri Jan 18 00:57:07 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.33	83	41243	19.117	ug/l	96
40) Benzene	8.32	78	99676	19.401	ug/l	100
41) Methacrylonitrile	7.48	41	8944	20.542	ug/l	94
42) 1,2-Dichloroethane	8.40	62	29103	20.257	ug/l	97
43) Isopropyl Acetate	8.42	43	29760	21.064	ug/l	98
44) Trichloroethene	9.09	130	26614	18.907	ug/l	91
45) 1,2-Dichloropropane	9.37	63	24433	19.145	ug/l	98
46) Dibromomethane	9.46	93	13271	19.952	ug/l	97
47) Bromodichloromethane	9.64	83	31929	19.461	ug/l	97
48) Methyl methacrylate	9.43	41	14883	22.377	ug/l	92
49) 1,4-Dioxane	9.45	88	4178	390.189	ug/l	95
51) 4-Methyl-2-Pentanone	10.21	43	73988	103.423	ug/l	98
52) Toluene	10.39	92	64145	19.728	ug/l	99
53) t-1,3-Dichloropropene	10.60	75	31963	19.519	ug/l	94
54) cis-1,3-Dichloropropene	10.07	75	37876	19.621	ug/l	96
55) 1,1,2-Trichloroethane	10.79	97	18743	20.316	ug/l	98
56) Ethyl methacrylate	10.65	69	21785	20.107	ug/l	99
57) 1,3-Dichloropropane	10.93	76	32391	20.221	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.93	63	55915	106.990	ug/l	98
59) 2-Hexanone	10.97	43	53861	107.454	ug/l	98
60) Dibromochloromethane	11.13	129	21374	19.412	ug/l	97
61) 1,2-Dibromoethane	11.23	107	18045	20.199	ug/l	100
64) Tetrachloroethene	10.86	164	22730	19.378	ug/l	97
65) Chlorobenzene	11.66	112	71463	19.585	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.73	131	24025	19.130	ug/l	98
67) Ethyl Benzene	11.73	91	121166	19.124	ug/l	100
68) m/p-Xylenes	11.84	106	94265	38.332	ug/l	96
69) o-Xylene	12.17	106	45106	19.632	ug/l	99
70) Styrene	12.18	104	74687	20.238	ug/l	99
71) Bromoform	12.35	173	12572	20.095	ug/l #	96
73) Isopropylbenzene	12.47	105	122996	19.768	ug/l	98
74) N-amyl acetate	12.27	43	26264	19.697	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.71	83	21892	20.686	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	29167	37.507	ug/l #	1
77) Bromobenzene	12.75	156	28047	18.767	ug/l	95
78) n-propylbenzene	12.80	91	147406	19.573	ug/l	100
79) 2-Chlorotoluene	12.90	91	83836	19.484	ug/l	100
80) 1,3,5-Trimethylbenzene	12.94	105	102360	19.715	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.52	75	6567	20.153	ug/l	98
82) 4-Chlorotoluene	12.99	91	88458	19.673	ug/l	99
83) tert-Butylbenzene	13.21	119	90062	19.708	ug/l	99
84) 1,2,4-Trimethylbenzene	13.26	105	102125	19.308	ug/l	100
85) sec-Butylbenzene	13.38	105	125823	19.177	ug/l	99
86) p-Isopropyltoluene	13.50	119	111986	19.542	ug/l	98
87) 1,3-Dichlorobenzene	13.51	146	58001	19.533	ug/l	98
88) 1,4-Dichlorobenzene	13.58	146	57291	19.258	ug/l	97
89) n-Butylbenzene	13.83	91	108992	19.828	ug/l	99
90) Hexachloroethane	14.10	117	19889	18.754	ug/l	98
91) 1,2-Dichlorobenzene	13.88	146	52255	19.932	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.49	75	3542	20.468	ug/l	98

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW011719\
Quantitation Report (Not Reviewed)

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Operator : SY/VA
Sample : VW0117SBSD01
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ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VW0117SBSD01

Quant Time: Jan 18 01:07:00 2019
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Quant Title : SW846 8260
QLast Update : Fri Jan 18 00:57:07 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.14	180	34268	19.309	ug/l	100
94) Hexachlorobutadiene	15.24	225	18937	18.933	ug/l	98
95) Naphthalene	15.38	128	62047	20.377	ug/l	99
96) 1,2,3-Trichlorobenzene	15.56	180	29606	19.152	ug/l	97

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

Data File : VW008332.D

Acq On : 17 Jan 2019 17:05

Operator : SY/VA

Sample : VW0117SBSD01

Misc : 5.00G/5ML/MSVOA W/SOIL

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ALS Vial      : 11      Sample Multiplier: 1
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Instrument :
MSVOA_W
ClientSampleId :
VW0117SBSD01

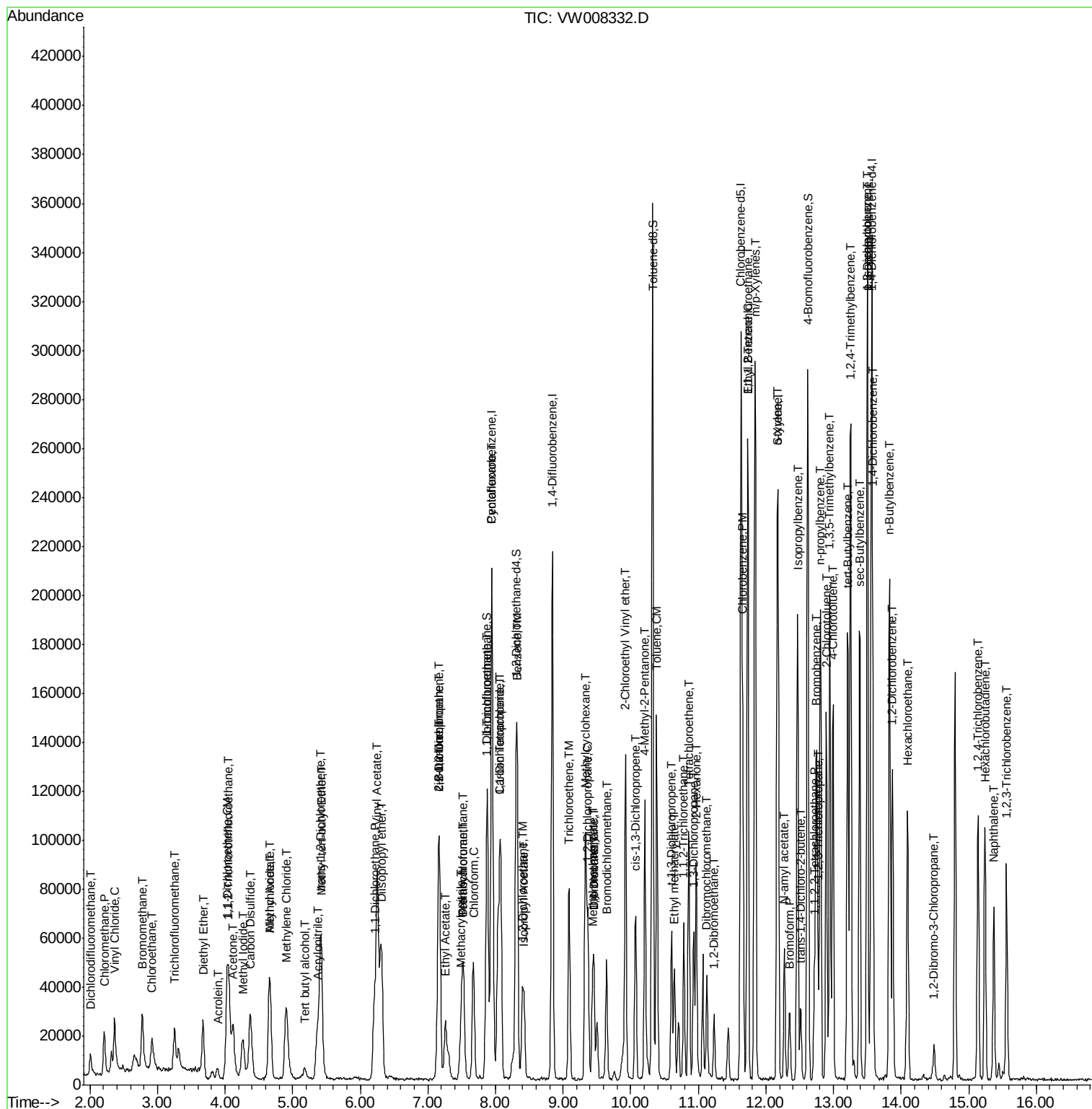
Quant Time: Jan 18 01:07:00 2019

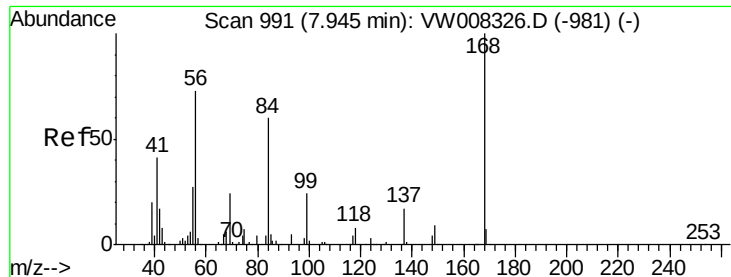
Quant Method : Z:\V0ASRV\HPCHEM1\MSV0A_W\METHOD\82W011719S.M

Quant Title : SW846 8260

QLast Update : Fri Jan 18 00:57:07 2019

Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.00 min

Lab File: VW008332.D

Acq: 17 Jan 2019 17:05

Instrument :

MSVOA_W

ClientSampleId :

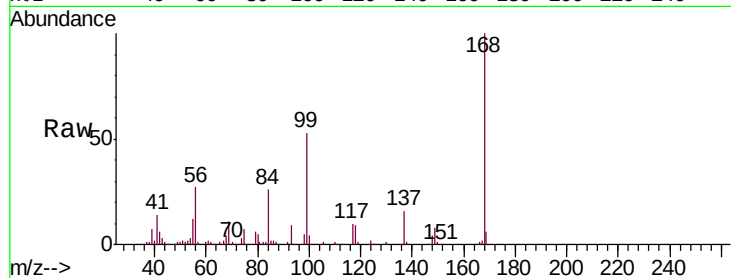
VW0117SBSD01

Tgt Ion:168 Resp: 110347

Ion Ratio Lower Upper

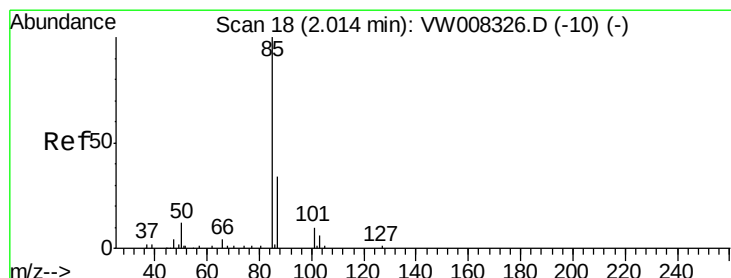
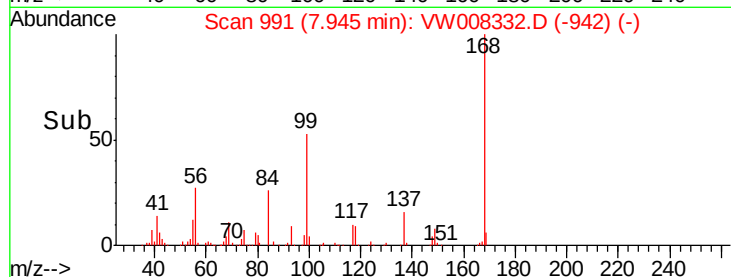
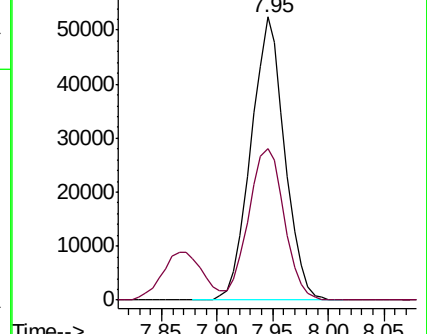
168 100

99 53.4 44.6 66.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#2

Dichlorodifluoromethane

Concen: 20.039 ug/l

RT: 2.01 min Scan# 17

Delta R.T. -0.01 min

Lab File: VW008332.D

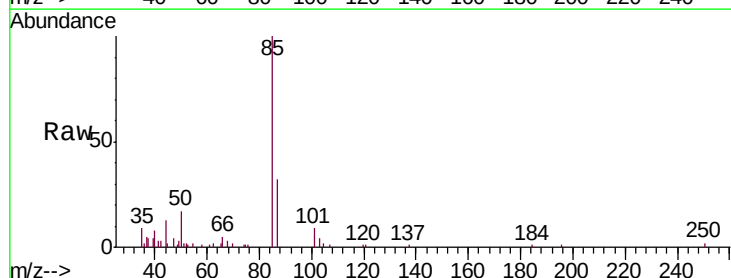
Acq: 17 Jan 2019 17:05

Tgt Ion: 85 Resp: 13933

Ion Ratio Lower Upper

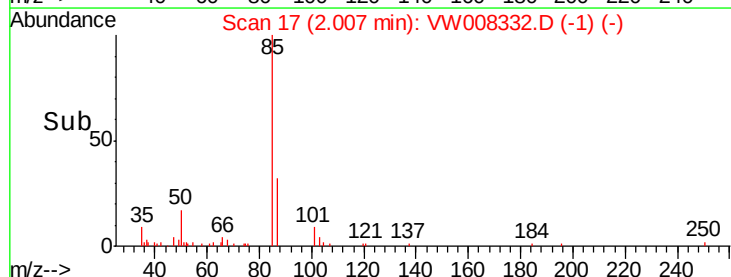
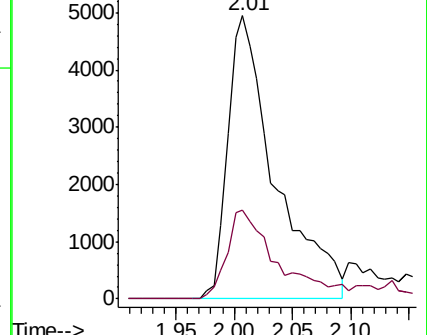
85 100

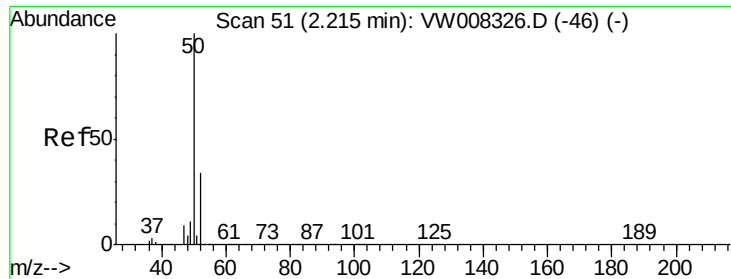
87 31.5 16.9 50.6



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW





#3

Chloromethane

Concen: 18.638 ug/l

RT: 2.21 min Scan# 50

Delta R.T. -0.01 min

Lab File: VW008332.D

Acq: 17 Jan 2019 17:05

Instrument :

MSVOA_W

ClientSampleId :

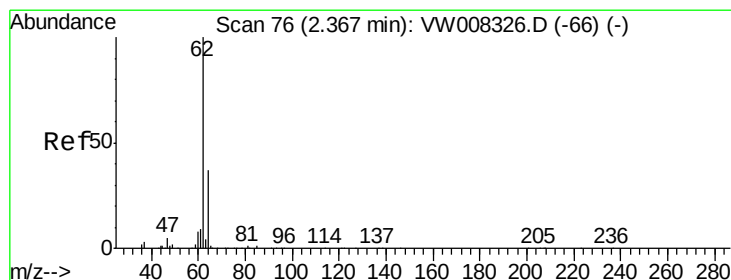
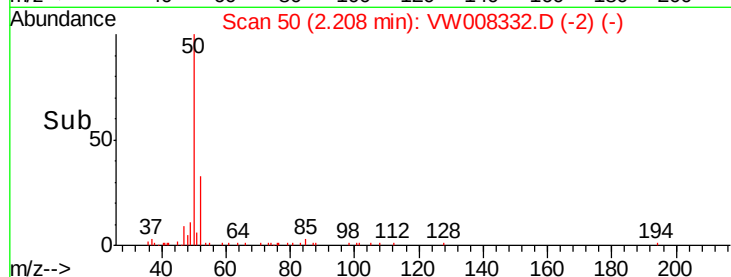
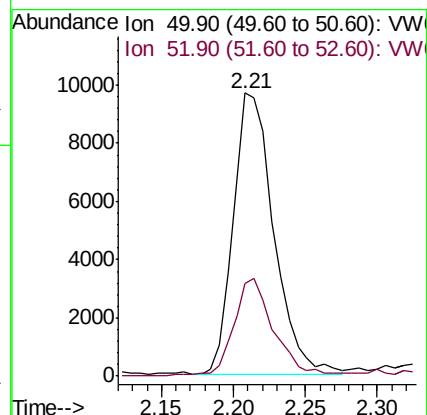
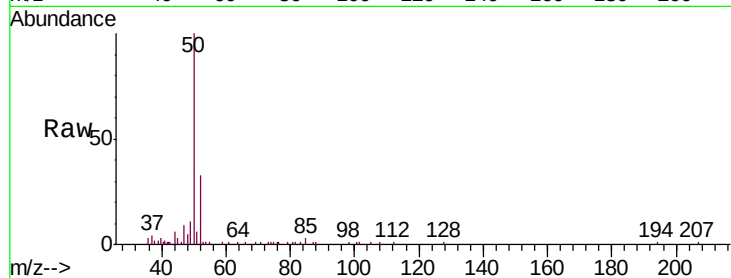
VW0117SBSD01

Tgt Ion: 50 Resp: 18996

Ion Ratio Lower Upper

50 100

52 32.6 26.7 40.1



#4

Vinyl Chloride

Concen: 19.873 ug/l

RT: 2.37 min Scan# 76

Delta R.T. -0.00 min

Lab File: VW008332.D

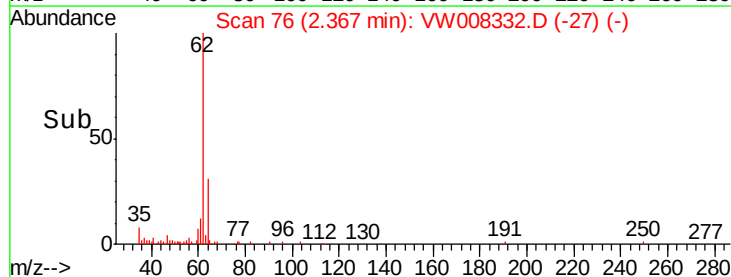
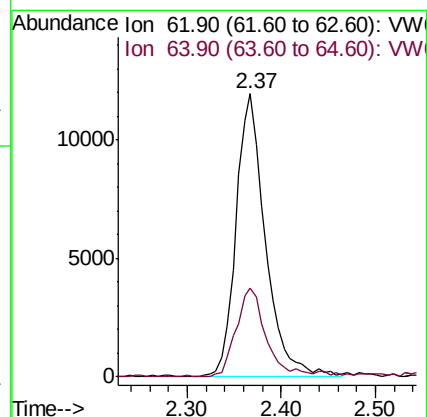
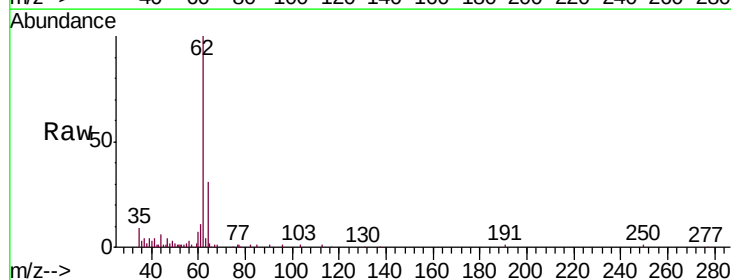
Acq: 17 Jan 2019 17:05

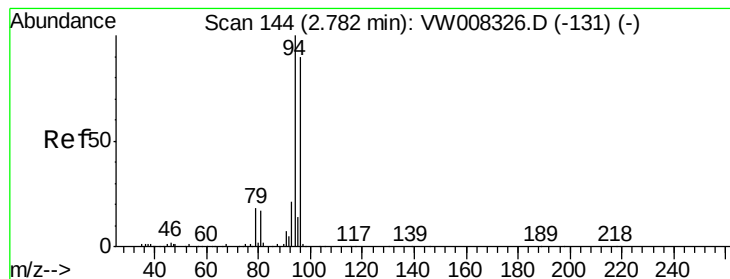
Tgt Ion: 62 Resp: 25880

Ion Ratio Lower Upper

62 100

64 31.3 29.4 44.2





#5

Bromomethane

Concen: 19.467 ug/l

RT: 2.78 min Scan# 143

Delta R.T. -0.01 min

Lab File: VW008332.D

Acq: 17 Jan 2019 17:05

Instrument :

MSVOA_W

ClientSampleId :

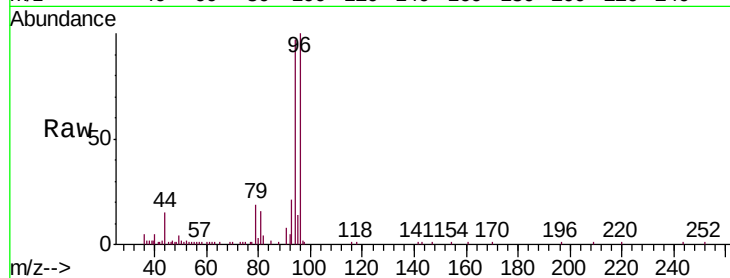
VW0117SBSD01

Tgt Ion: 94 Resp: 19212

Ion Ratio Lower Upper

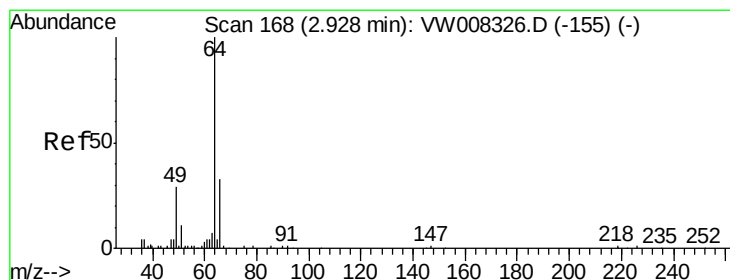
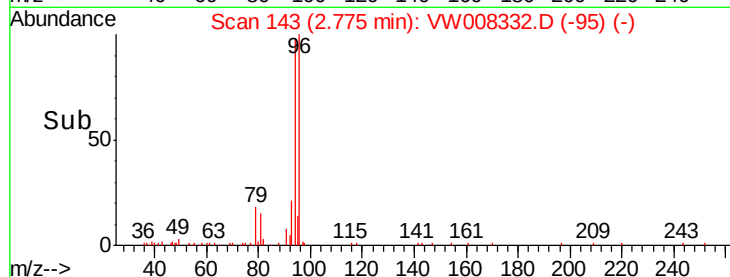
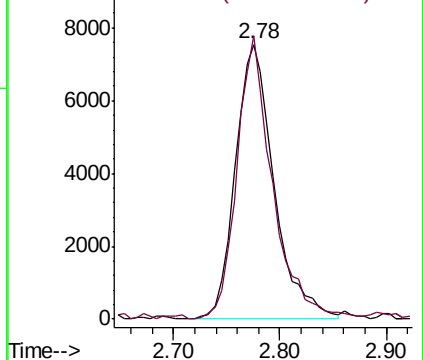
94 100

96 103.1 71.4 107.0



Abundance Ion 93.90 (93.60 to 94.60): VW

Ion 95.90 (95.60 to 96.60): VW



#6

Chloroethane

Concen: 19.943 ug/l

RT: 2.92 min Scan# 167

Delta R.T. -0.01 min

Lab File: VW008332.D

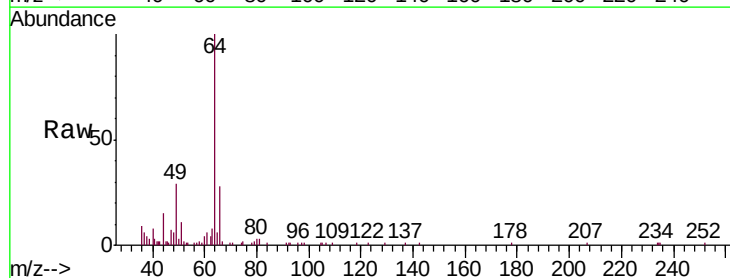
Acq: 17 Jan 2019 17:05

Tgt Ion: 64 Resp: 16999

Ion Ratio Lower Upper

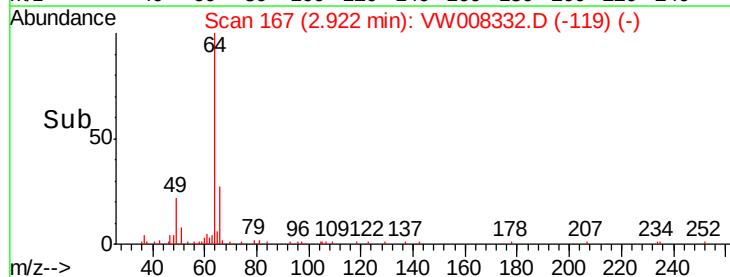
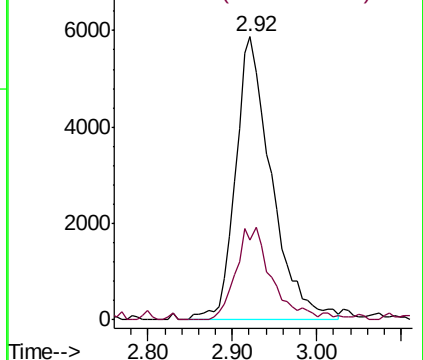
64 100

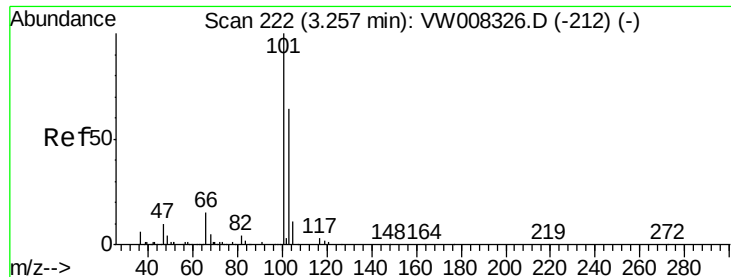
66 28.0 26.2 39.4



Abundance Ion 63.90 (63.60 to 64.60): VW

Ion 65.90 (65.60 to 66.60): VW



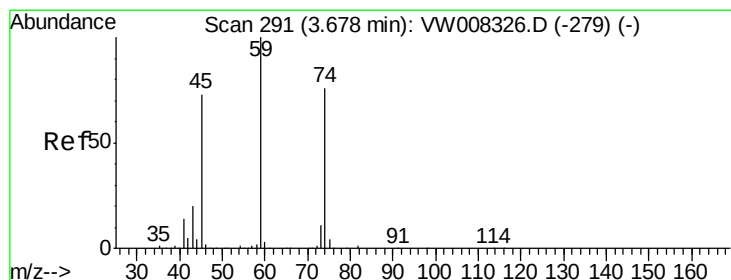
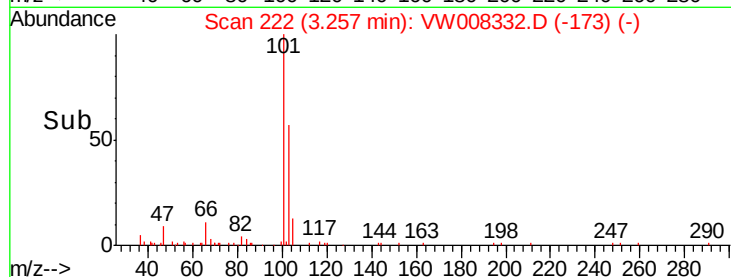
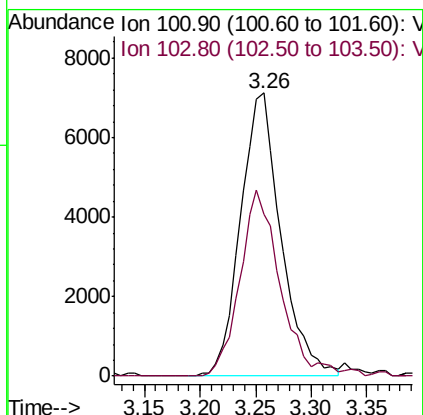
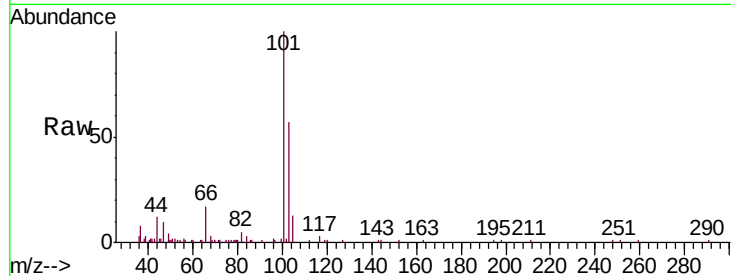


#7

Trichlorofluoromethane
 Concen: 18.791 ug/l
 RT: 3.26 min Scan# 222
 Delta R.T. -0.00 min
 Lab File: VW008332.D
 Acq: 17 Jan 2019 17:05

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0117SBSD01

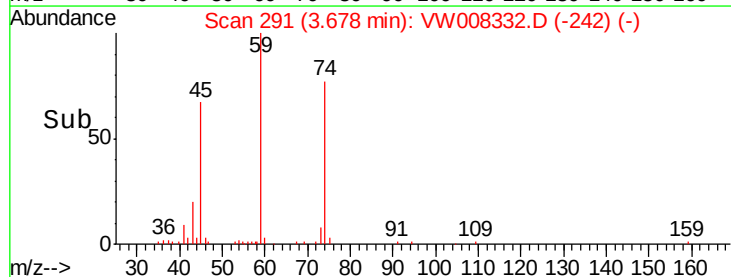
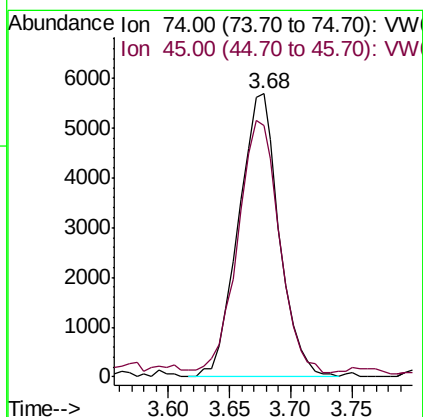
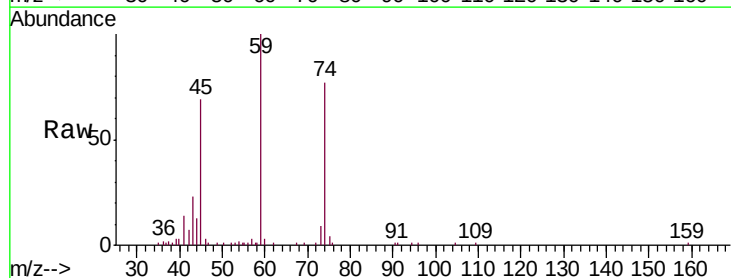
Tgt Ion:101 Resp: 17968
 Ion Ratio Lower Upper
 101 100
 103 57.3 50.9 76.3

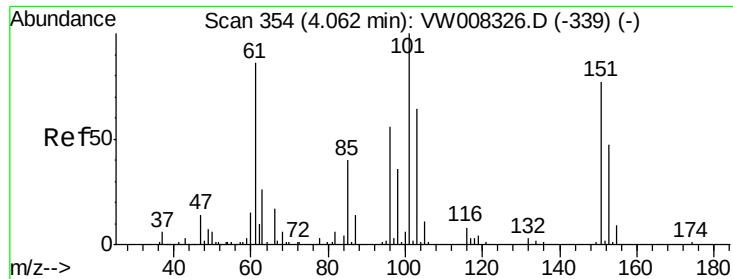


#8

Diethyl Ether
 Concen: 19.781 ug/l
 RT: 3.68 min Scan# 291
 Delta R.T. -0.00 min
 Lab File: VW008332.D
 Acq: 17 Jan 2019 17:05

Tgt Ion: 74 Resp: 13116
 Ion Ratio Lower Upper
 74 100
 45 90.7 50.1 150.3





#9

1,1,2-Trichlorotrifluoroethane

Concen: 20.663 ug/l

RT: 4.05 min Scan# 352

Delta R.T. -0.01 min

Lab File: VW008332.D

Acq: 17 Jan 2019 17:05

Instrument :

MSVOA_W

ClientSampleId :

VW0117SBSD01

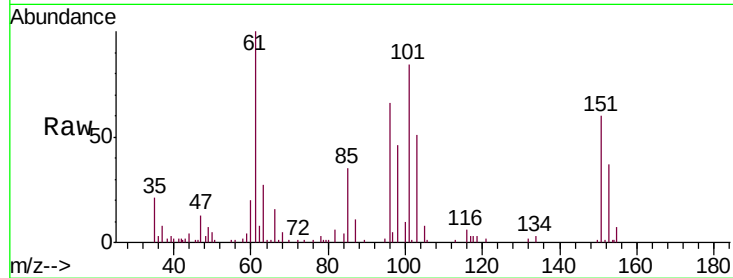
Tgt Ion:101 Resp: 23003

Ion Ratio Lower Upper

101 100

85 40.8 36.0 54.0

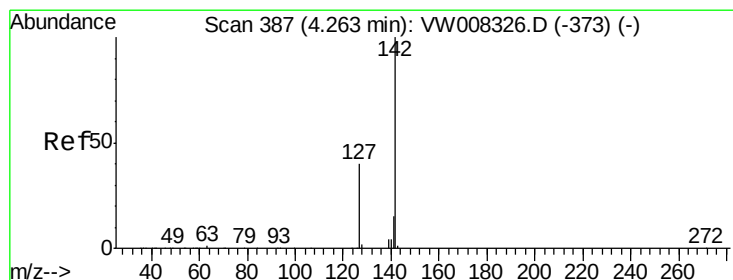
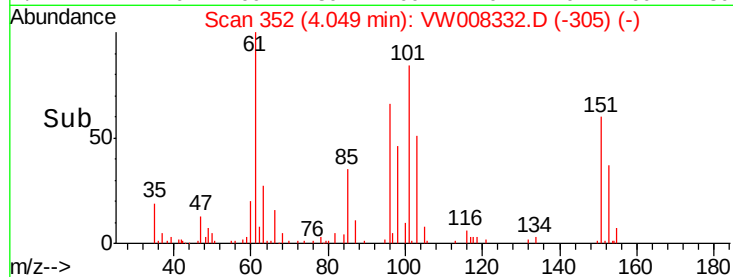
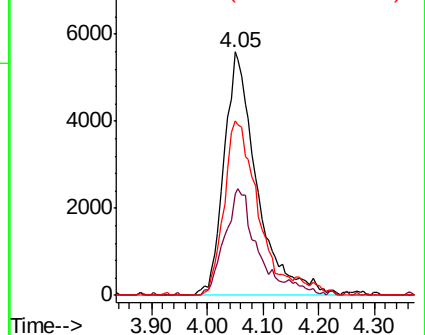
151 71.9 62.3 93.5



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VW

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 18.447 ug/l

RT: 4.26 min Scan# 387

Delta R.T. -0.00 min

Lab File: VW008332.D

Acq: 17 Jan 2019 17:05

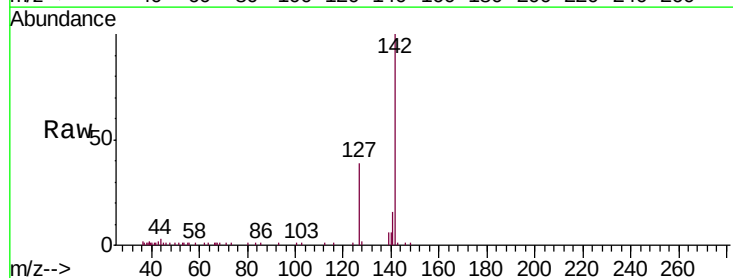
Tgt Ion:142 Resp: 33121

Ion Ratio Lower Upper

142 100

127 43.5 34.3 51.5

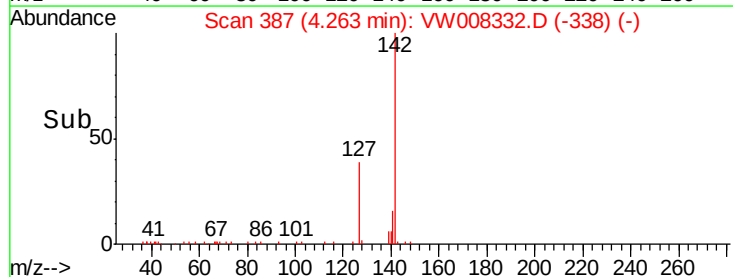
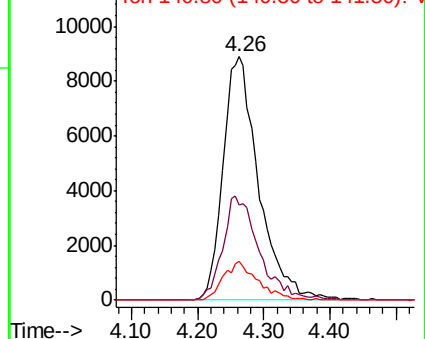
141 15.4 12.2 18.2

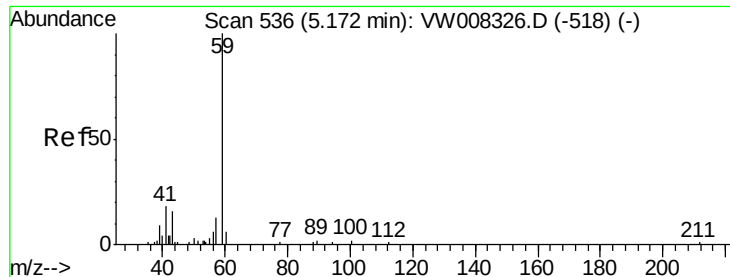


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

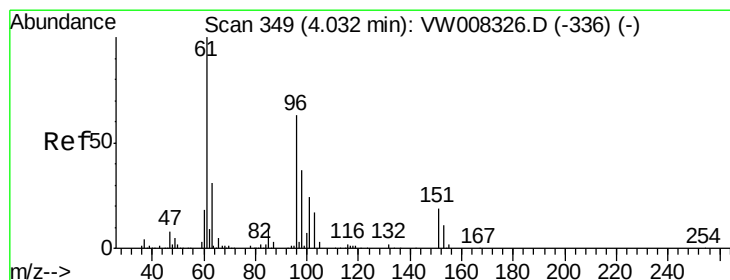
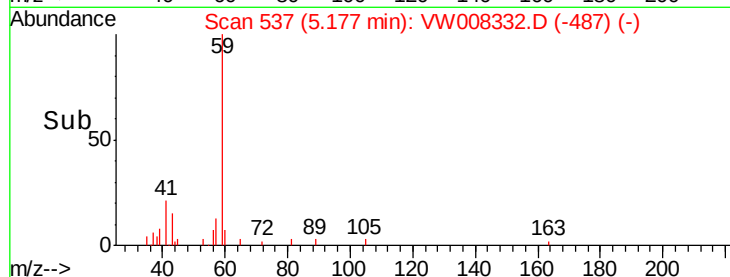
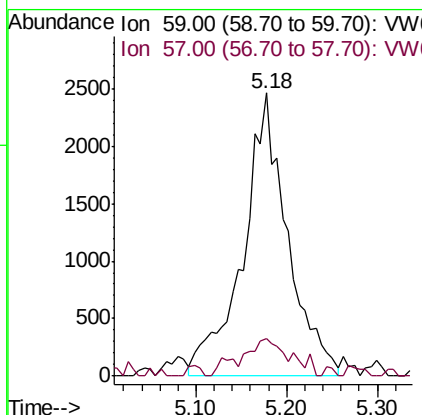
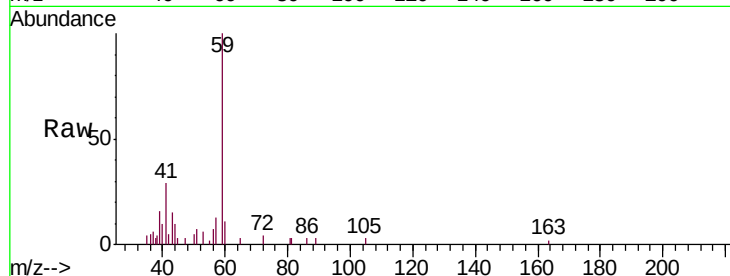




#11
Tert butyl alcohol
Concen: 108.338 ug/l
RT: 5.18 min Scan# 537
Delta R.T. 0.01 min
Lab File: VW008332.D
Acq: 17 Jan 2019 17:05

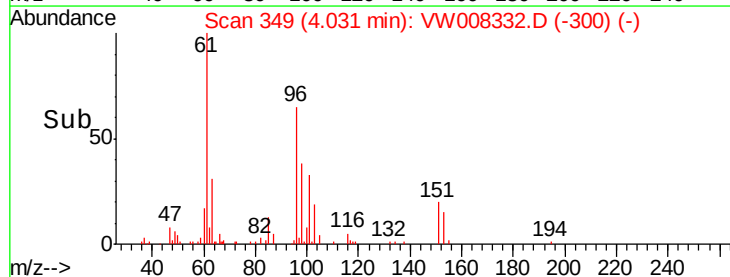
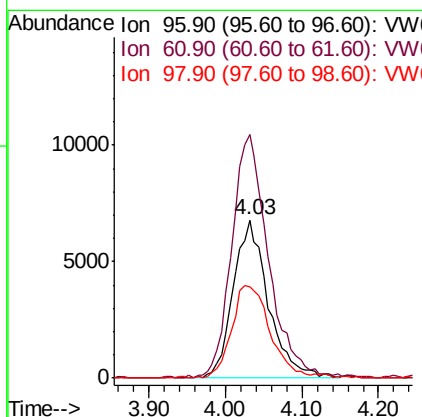
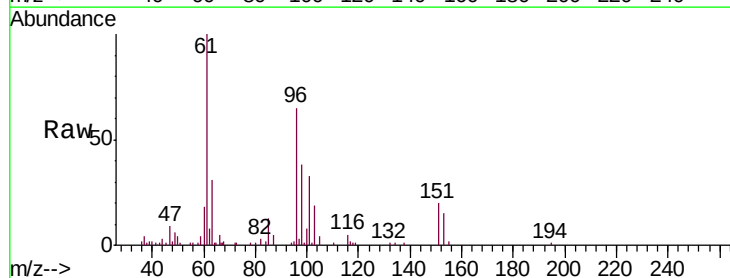
Instrument :
MSVOA_W
ClientSampleId :
VW0117SBSD01

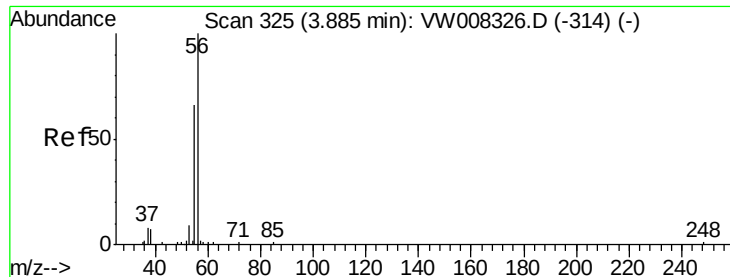
Tgt Ion: 59 Resp: 8373
Ion Ratio Lower Upper
59 100
57 11.8 9.4 14.2



#12
1,1-Dichloroethene
Concen: 19.115 ug/l
RT: 4.03 min Scan# 349
Delta R.T. -0.00 min
Lab File: VW008332.D
Acq: 17 Jan 2019 17:05

Tgt Ion: 96 Resp: 21643
Ion Ratio Lower Upper
96 100
61 152.3 126.4 189.6
98 57.9 46.7 70.1





#13

Acrolein

Concen: 72.114 ug/l

RT: 3.89 min Scan# 326

Delta R.T. 0.01 min

Lab File: VW008332.D

Acq: 17 Jan 2019 17:05

Instrument :

MSVOA_W

ClientSampleId :

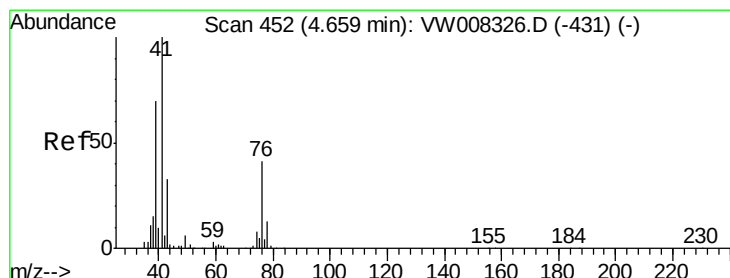
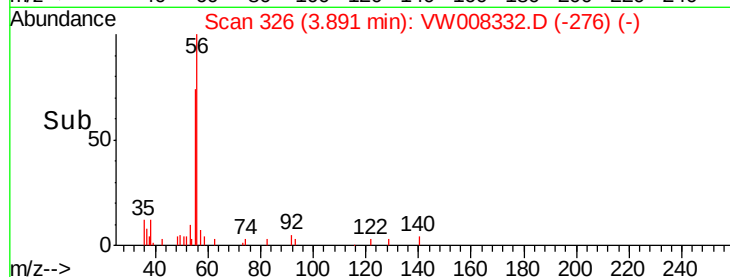
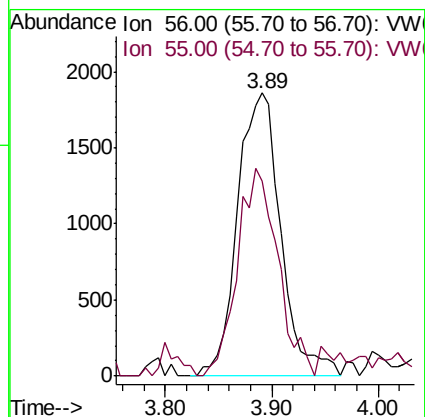
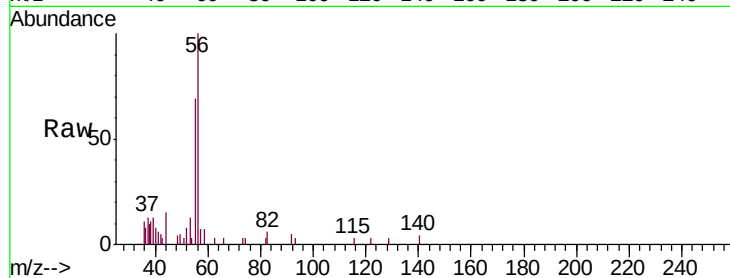
VW0117SBSD01

Tgt Ion: 56 Resp: 5315

Ion Ratio Lower Upper

56 100

55 68.4 52.9 79.3



#14

Allyl chloride

Concen: 19.283 ug/l

RT: 4.66 min Scan# 452

Delta R.T. -0.00 min

Lab File: VW008332.D

Acq: 17 Jan 2019 17:05

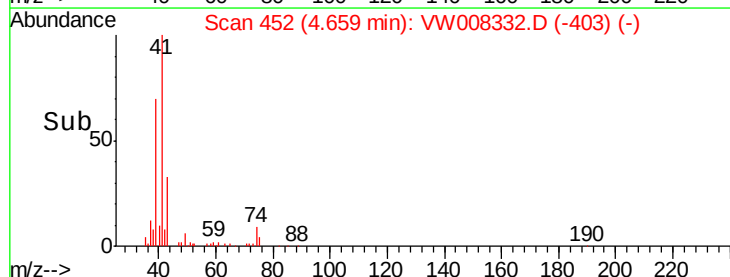
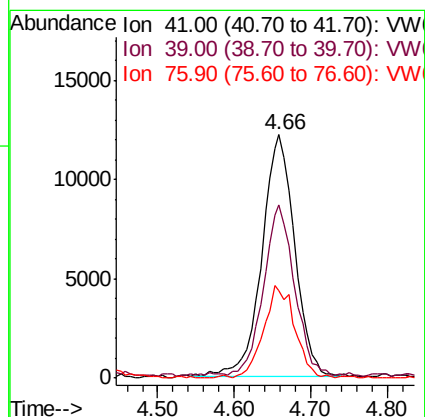
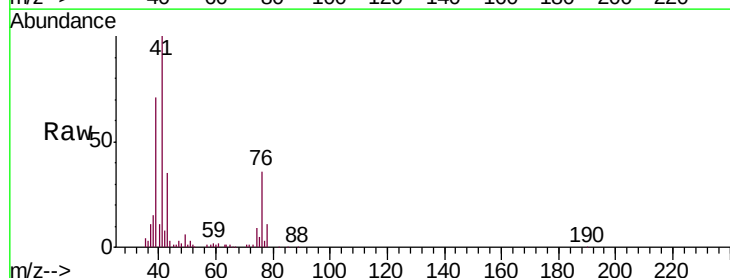
Tgt Ion: 41 Resp: 36499

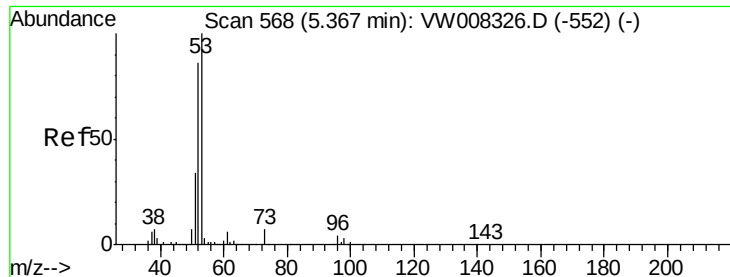
Ion Ratio Lower Upper

41 100

39 66.5 54.1 81.1

76 36.5 29.5 44.3





#15

Acrylonitrile

Concen: 99.538 ug/l

RT: 5.36 min Scan# 567

Delta R.T. -0.01 min

Lab File: VW008332.D

Acq: 17 Jan 2019 17:05

Instrument :

MSVOA_W

ClientSampleId :

VW0117SBSD01

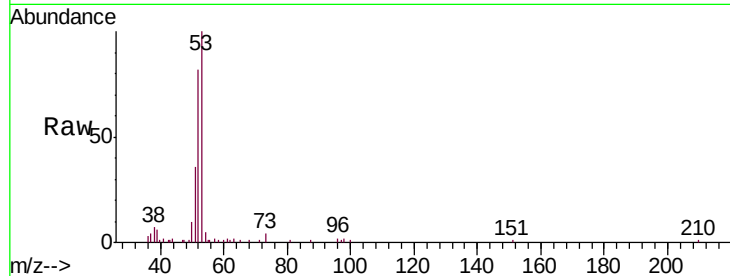
Tgt Ion: 53 Resp: 25353

Ion Ratio Lower Upper

53 100

52 86.5 66.4 99.6

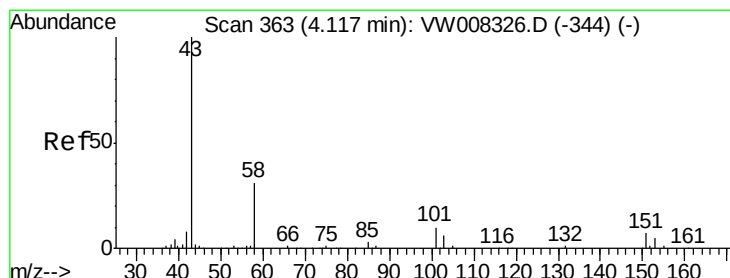
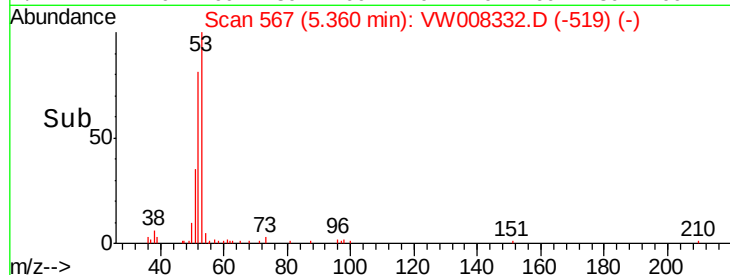
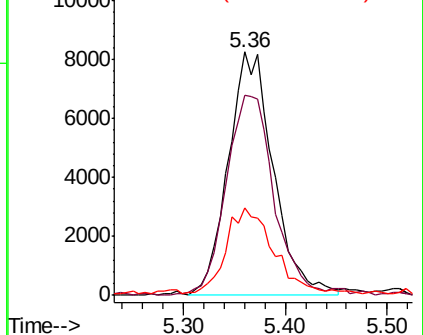
51 37.4 29.6 44.4



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: 104.124 ug/l

RT: 4.12 min Scan# 364

Delta R.T. 0.01 min

Lab File: VW008332.D

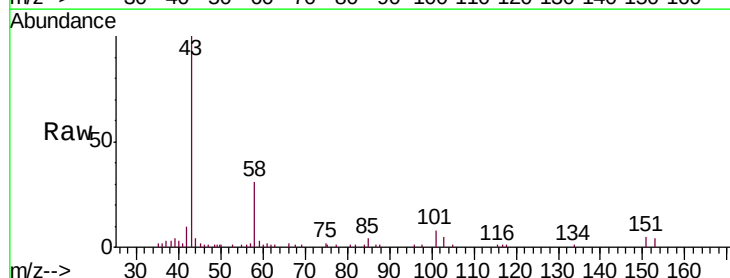
Acq: 17 Jan 2019 17:05

Tgt Ion: 43 Resp: 27757

Ion Ratio Lower Upper

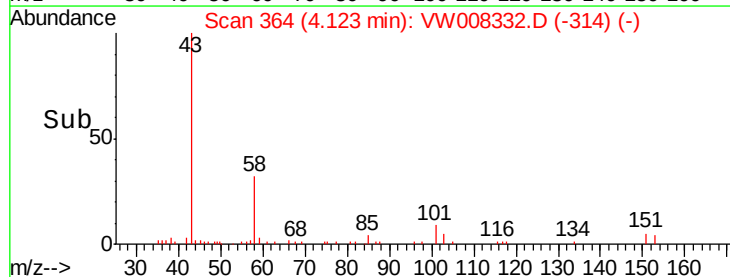
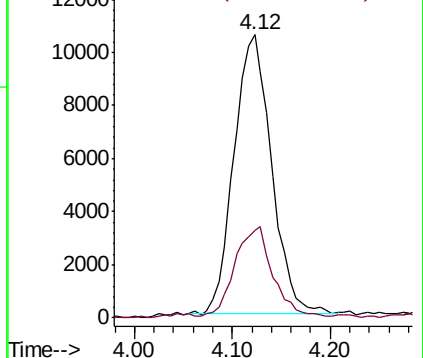
43 100

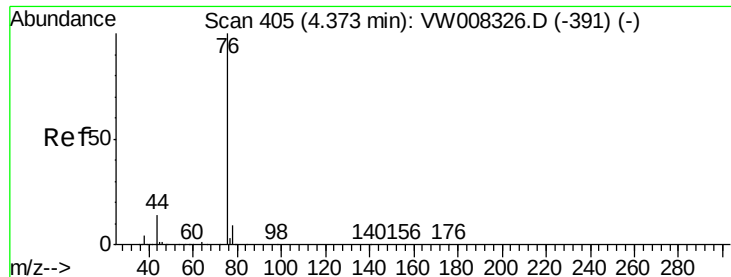
58 30.1 24.7 37.1



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

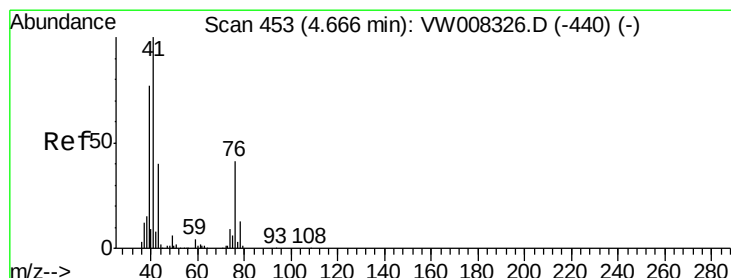
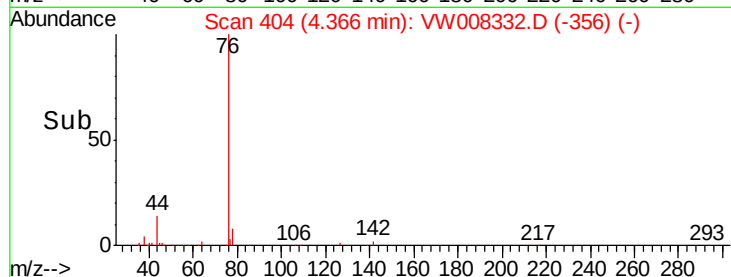
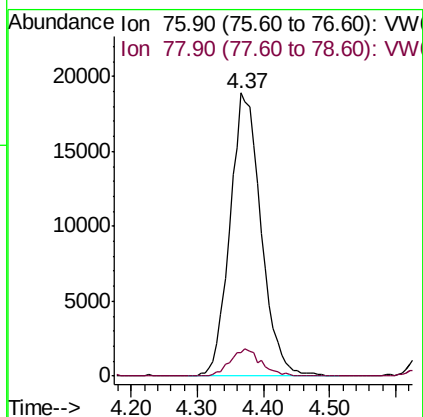
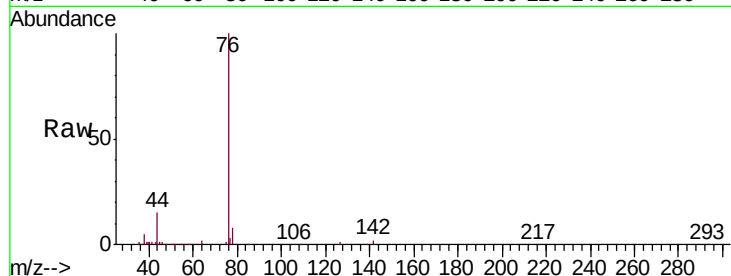




#17
Carbon Disulfide
Concen: 17.878 ug/l
RT: 4.37 min Scan# 404
Delta R.T. -0.01 min
Lab File: VW008332.D
Acq: 17 Jan 2019 17:05

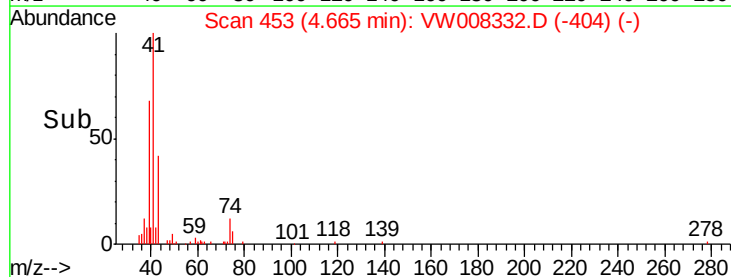
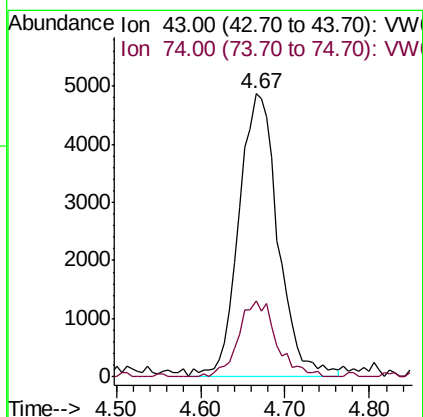
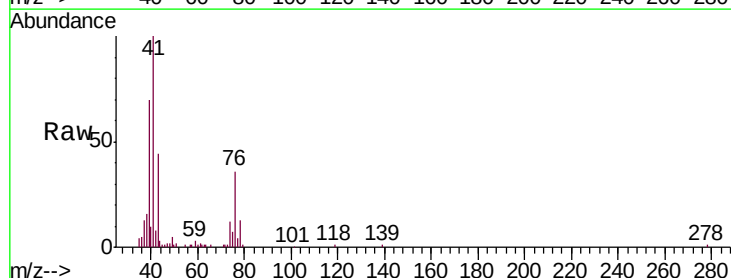
Instrument :
MSVOA_W
ClientSampleId :
VW0117SBSD01

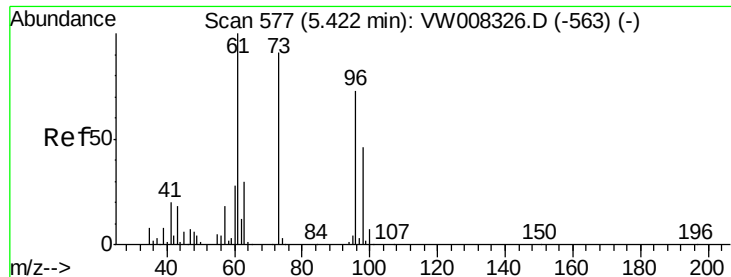
Tgt Ion: 76 Resp: 61594
Ion Ratio Lower Upper
76 100
78 8.2 7.0 10.4



#18
Methyl Acetate
Concen: 21.705 ug/l
RT: 4.67 min Scan# 453
Delta R.T. -0.00 min
Lab File: VW008332.D
Acq: 17 Jan 2019 17:05

Tgt Ion: 43 Resp: 15456
Ion Ratio Lower Upper
43 100
74 25.8 19.4 29.0





#19

Methyl tert-butyl Ether

Concen: 20.469 ug/l

RT: 5.43 min Scan# 578

Delta R.T. 0.01 min

Lab File: VW008332.D

Acq: 17 Jan 2019 17:05

Instrument :

MSVOA_W

ClientSampleId :

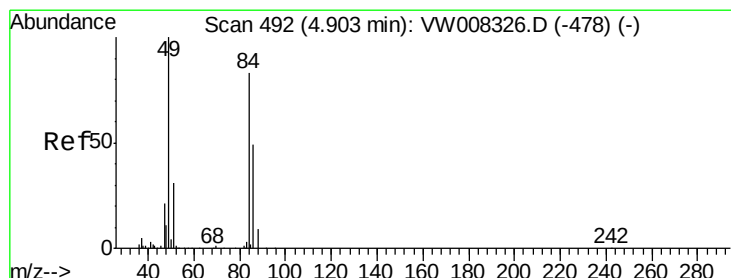
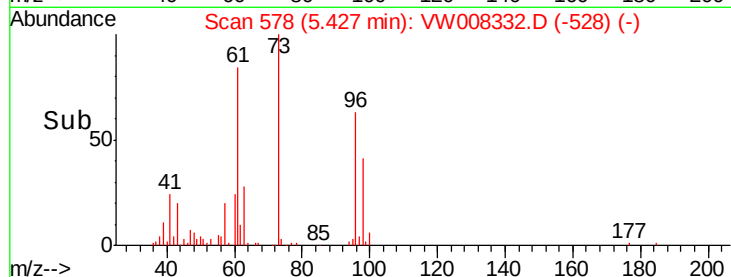
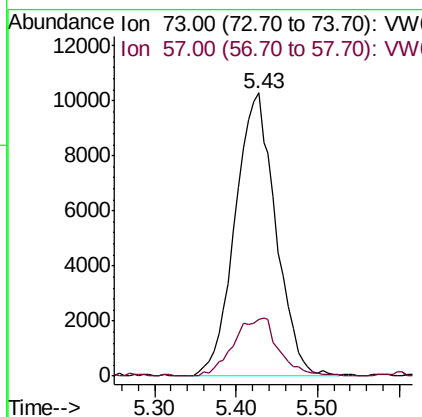
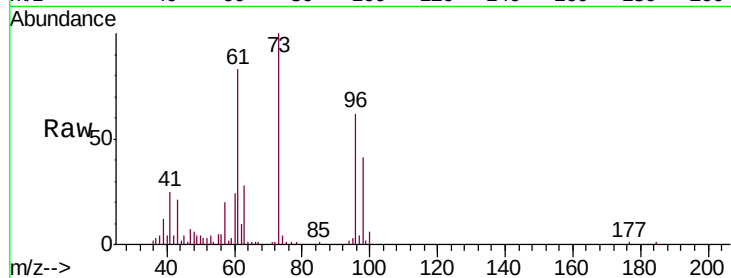
VW0117SBSD01

Tgt Ion: 73 Resp: 35477

Ion Ratio Lower Upper

73 100

57 20.2 16.3 24.5



#20

Methylene Chloride

Concen: 18.876 ug/l

RT: 4.90 min Scan# 492

Delta R.T. -0.00 min

Lab File: VW008332.D

Acq: 17 Jan 2019 17:05

Tgt Ion: 84 Resp: 26080

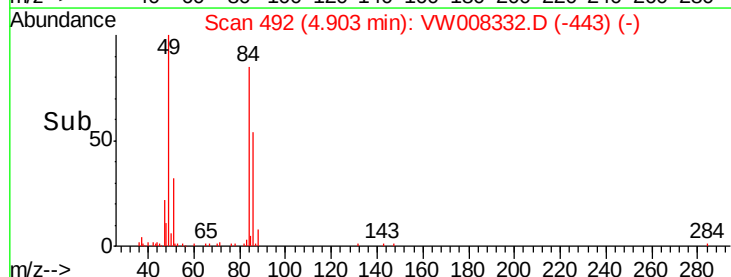
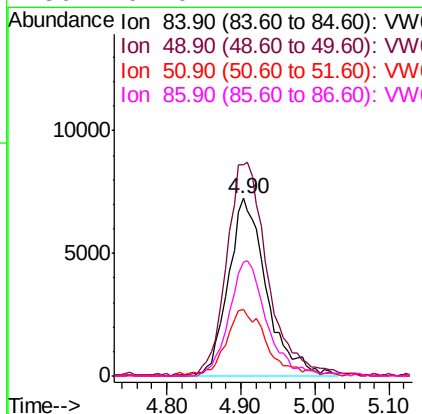
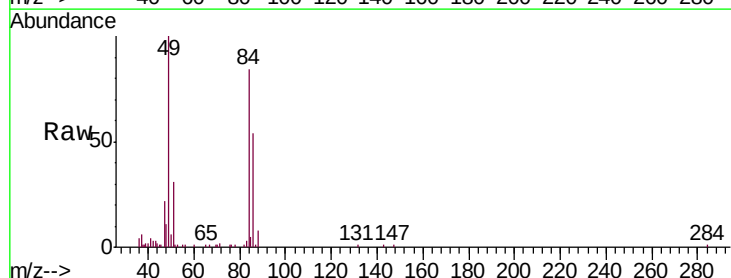
Ion Ratio Lower Upper

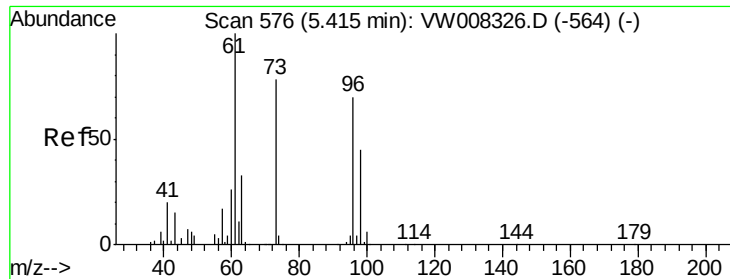
84 100

49 118.1 95.9 143.9

51 36.1 29.3 43.9

86 64.0 47.4 71.2





#21

trans-1,2-Dichloroethene

Concen: 19.110 ug/l

RT: 5.42 min Scan# 577

Delta R.T. 0.01 min

Lab File: VW008332.D

Acq: 17 Jan 2019 17:05

Instrument :

MSVOA_W

ClientSampleId :

VW0117SBSD01

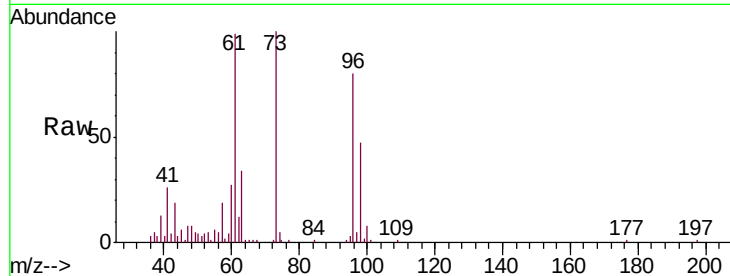
Tgt Ion: 96 Resp: 24302

Ion Ratio Lower Upper

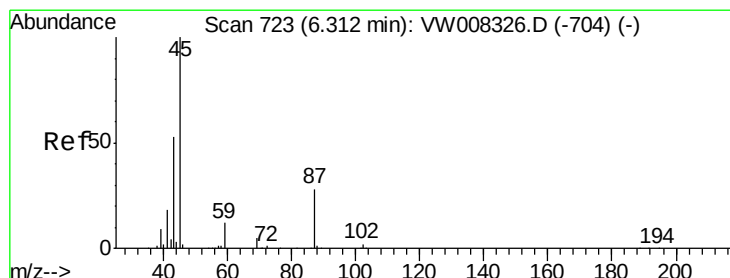
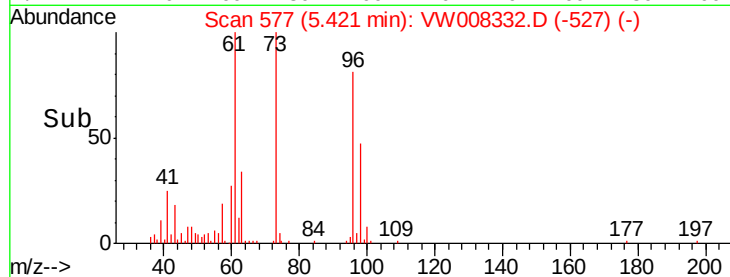
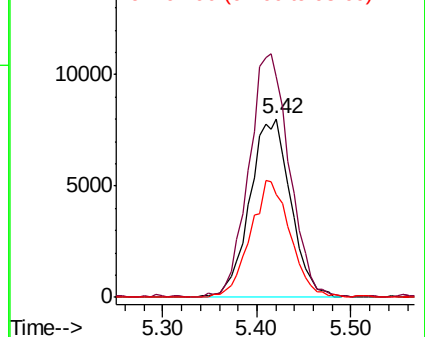
96 100

61 123.4 114.5 171.7

98 57.9 52.0 78.0



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: 19.609 ug/l

RT: 6.32 min Scan# 724

Delta R.T. 0.01 min

Lab File: VW008332.D

Acq: 17 Jan 2019 17:05

Tgt Ion: 45 Resp: 72464

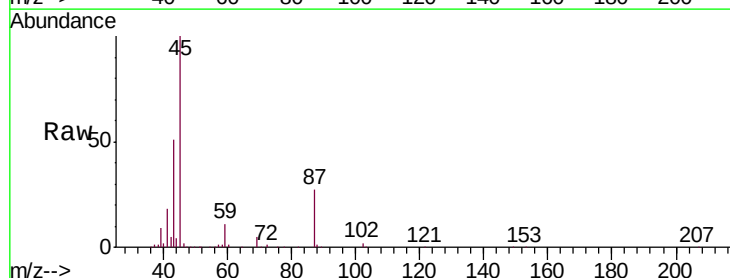
Ion Ratio Lower Upper

45 100

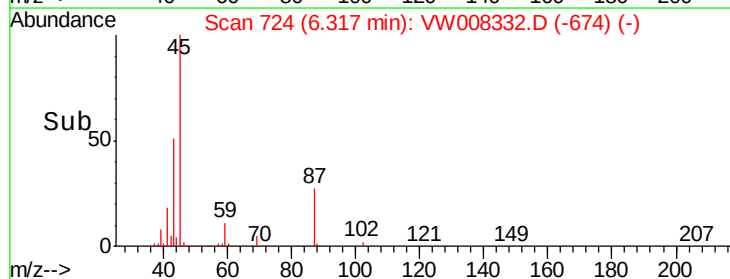
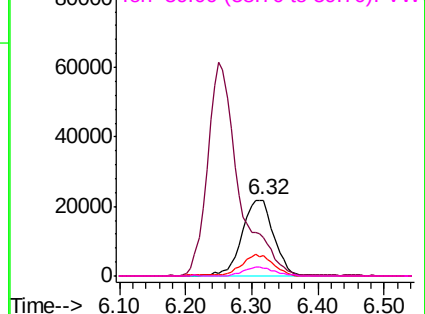
43 50.5 42.5 63.7

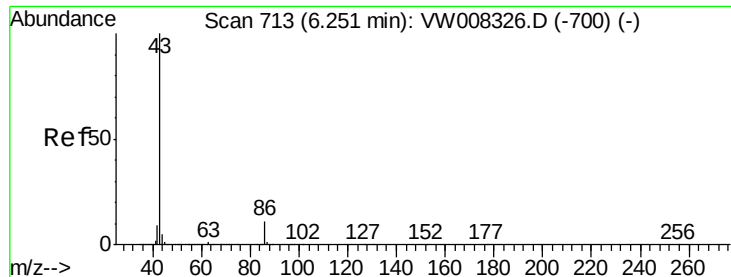
87 27.1 22.2 33.2

59 10.5 9.7 14.5



Abundance Ion 45.00 (44.70 to 45.70): VW
Ion 43.00 (42.70 to 43.70): VW
Ion 87.00 (86.70 to 87.70): VW
Ion 59.00 (58.70 to 59.70): VW

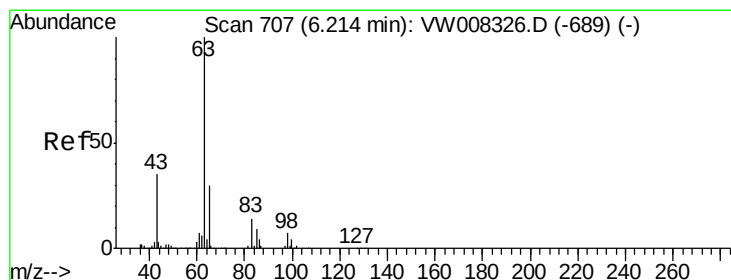
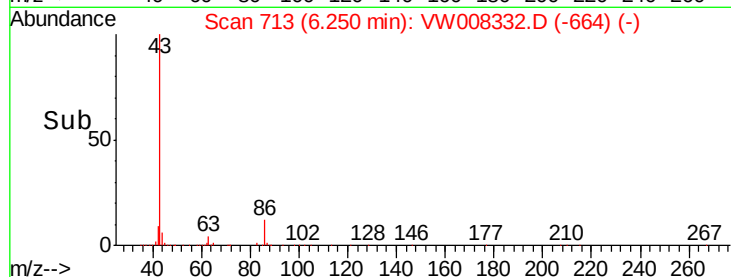
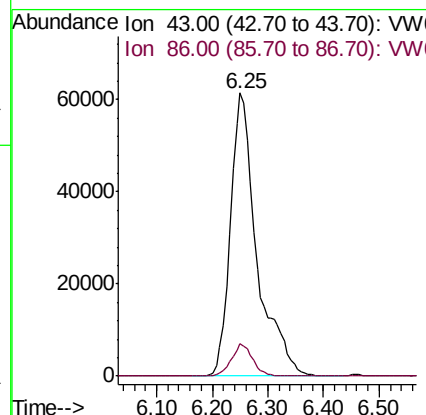
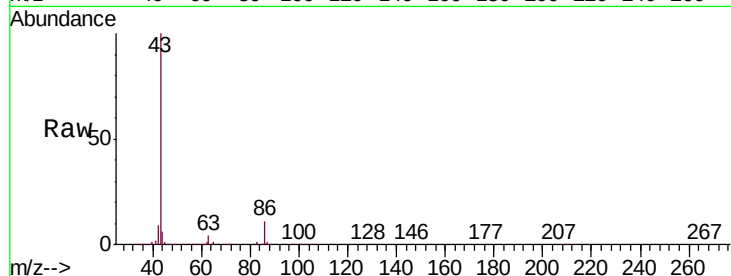




#23
 Vinyl Acetate
 Concen: 102.010 ug/l
 RT: 6.25 min Scan# 713
 Delta R.T. -0.00 min
 Lab File: VW008332.D
 Acq: 17 Jan 2019 17:05

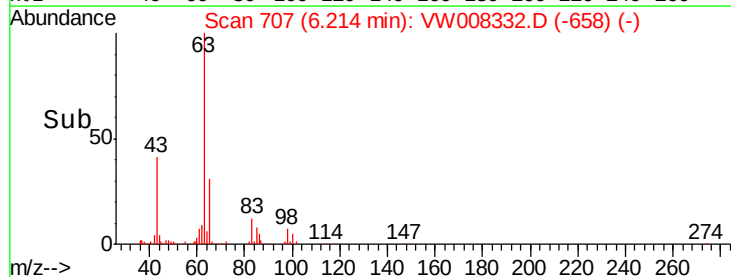
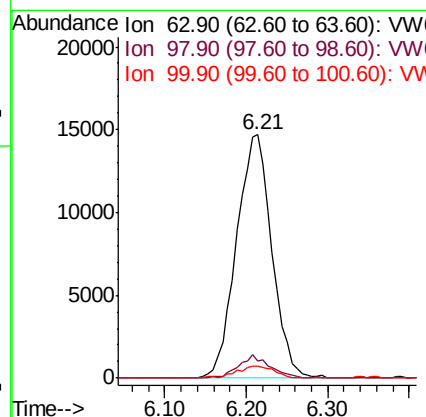
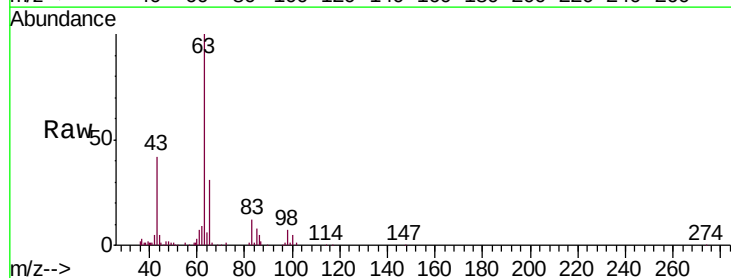
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0117SBSD01

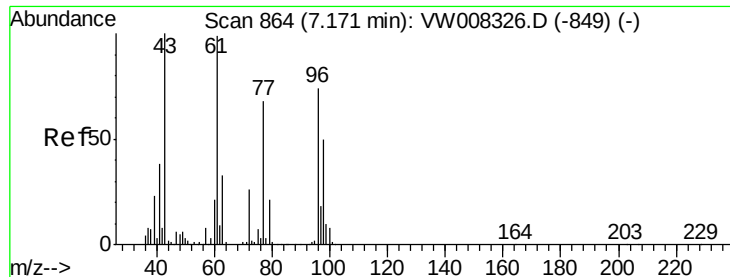
Tgt Ion: 43 Resp: 201509
 Ion Ratio Lower Upper
 43 100
 86 11.5 8.6 13.0



#24
 1,1-Dichloroethane
 Concen: 19.512 ug/l
 RT: 6.21 min Scan# 707
 Delta R.T. -0.00 min
 Lab File: VW008332.D
 Acq: 17 Jan 2019 17:05

Tgt Ion: 63 Resp: 43905
 Ion Ratio Lower Upper
 63 100
 98 7.1 3.5 10.6
 100 4.7 2.1 6.3





#25

2-Butanone

Concen: 104.165 ug/l

RT: 7.17 min Scan# 864

Delta R.T. -0.00 min

Lab File: VW008332.D

Acq: 17 Jan 2019 17:05

Instrument :

MSVOA_W

ClientSampleId :

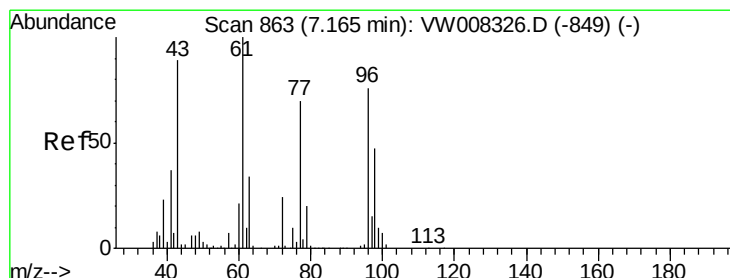
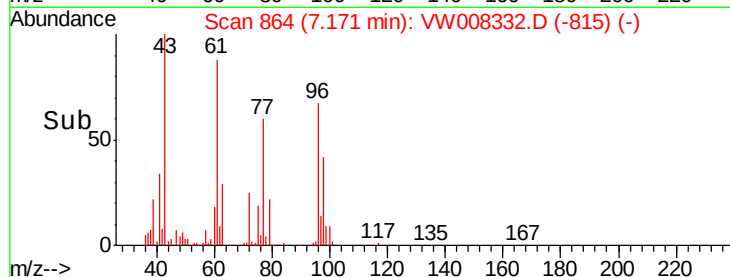
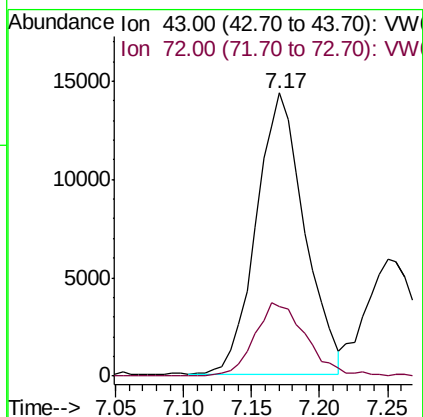
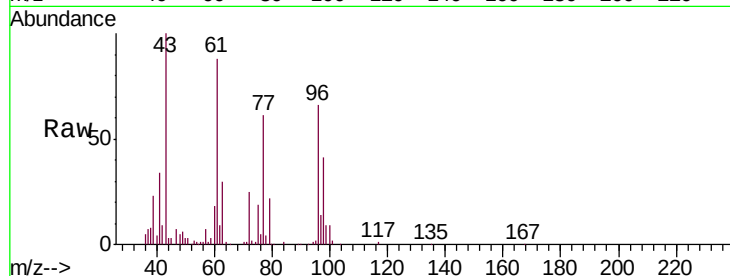
VW0117SBSD01

Tgt Ion: 43 Resp: 35565

Ion Ratio Lower Upper

43 100

72 24.9 21.2 31.8



#26

2,2-Dichloropropane

Concen: 19.950 ug/l

RT: 7.16 min Scan# 862

Delta R.T. -0.01 min

Lab File: VW008332.D

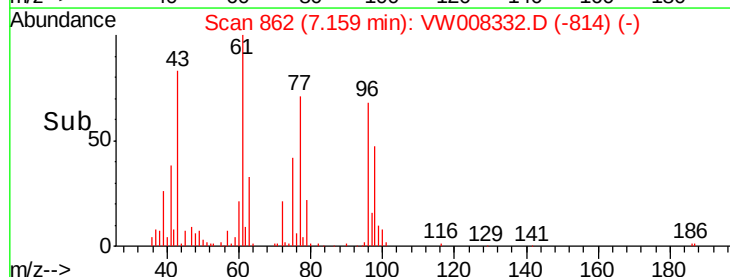
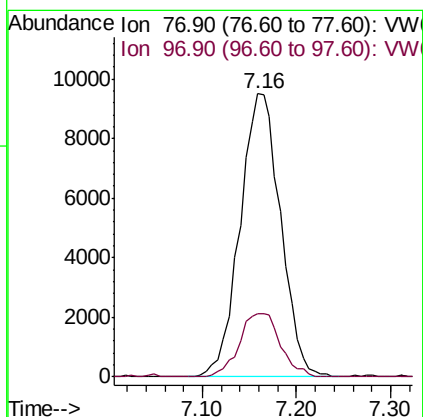
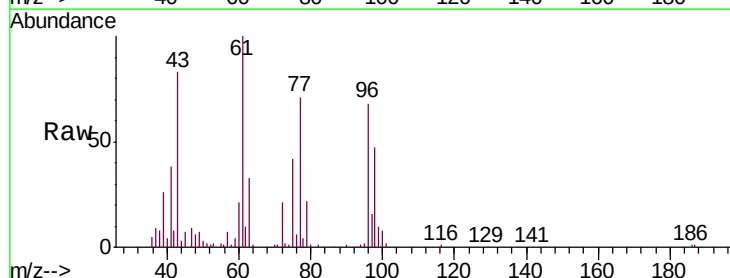
Acq: 17 Jan 2019 17:05

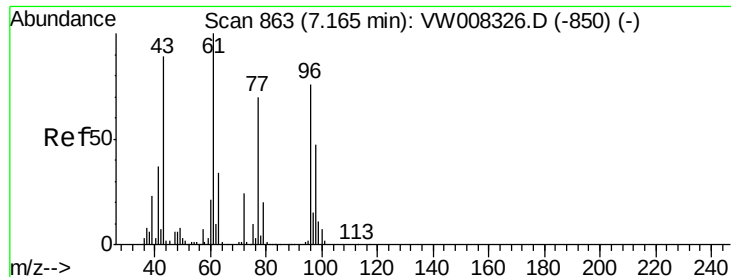
Tgt Ion: 77 Resp: 28646

Ion Ratio Lower Upper

77 100

97 22.6 11.7 35.1



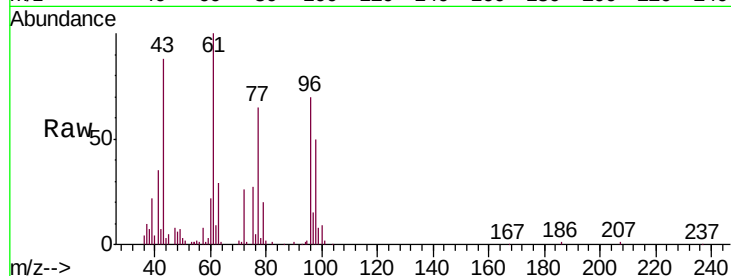


#27

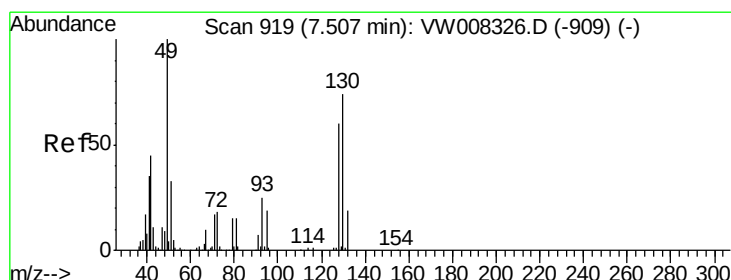
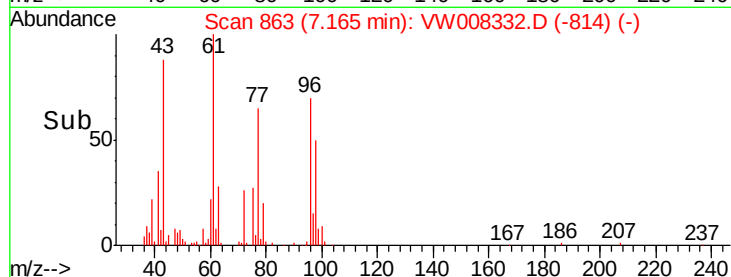
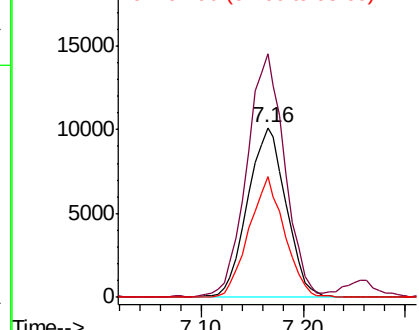
cis-1,2-Dichloroethene
Concen: 19.235 ug/l
RT: 7.16 min Scan# 863
Delta R.T. -0.00 min
Lab File: VW008332.D
Acq: 17 Jan 2019 17:05

Instrument :
MSVOA_W
ClientSampleId :
VW0117SBSD01

Tgt Ion: 96 Resp: 26502
Ion Ratio Lower Upper
96 100
61 142.3 0.0 272.2
98 66.3 0.0 129.4



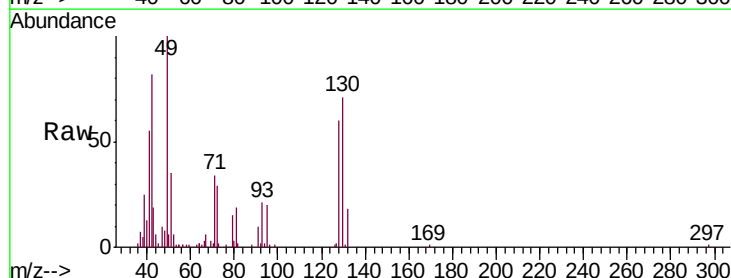
Abundance Ion 95.90 (95.60 to 96.60): VW
Ion 60.90 (60.60 to 61.60): VW
Ion 97.90 (97.60 to 98.60): VW



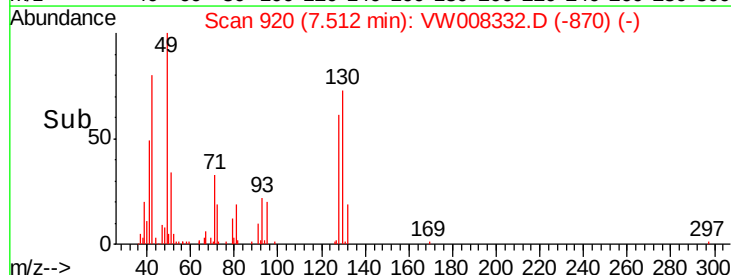
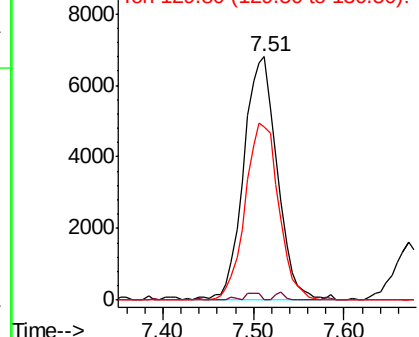
#28

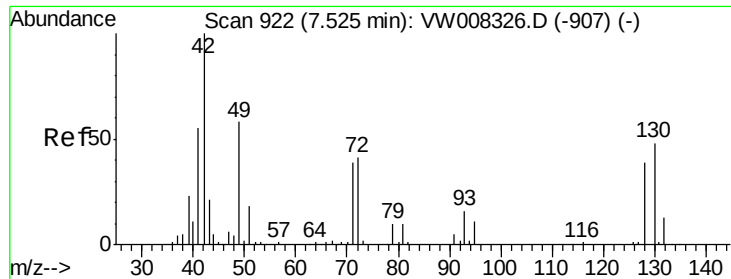
Bromochloromethane
Concen: 18.820 ug/l
RT: 7.51 min Scan# 920
Delta R.T. 0.01 min
Lab File: VW008332.D
Acq: 17 Jan 2019 17:05

Tgt Ion: 49 Resp: 17447
Ion Ratio Lower Upper
49 100
129 1.4 0.0 2.6
130 72.6 0.0 0.0#



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

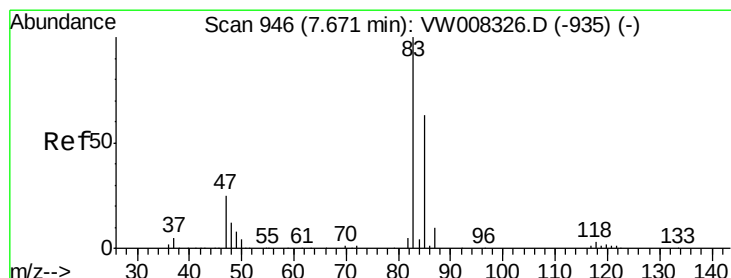
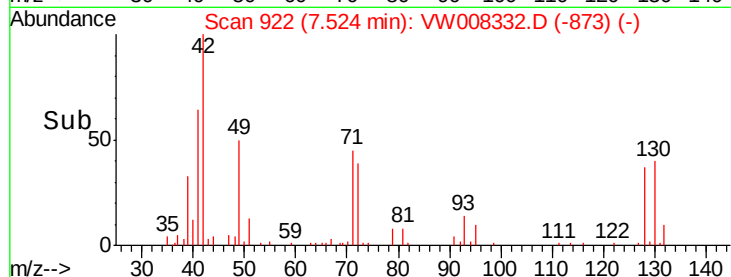
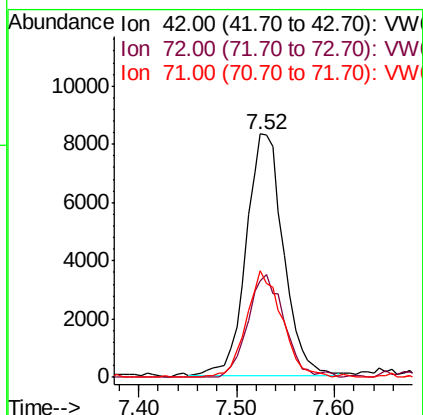
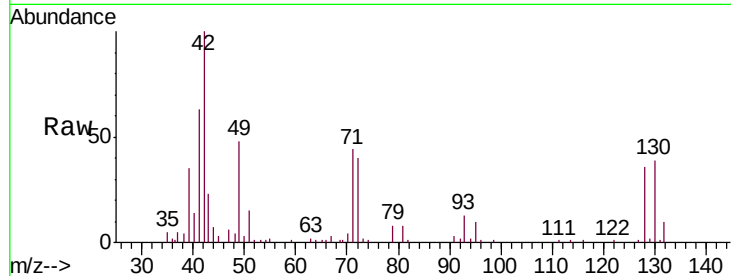




#29
Tetrahydrofuran
Concen: 103.249 ug/l
RT: 7.52 min Scan# 922
Delta R.T. -0.00 min
Lab File: VW008332.D
Acq: 17 Jan 2019 17:05

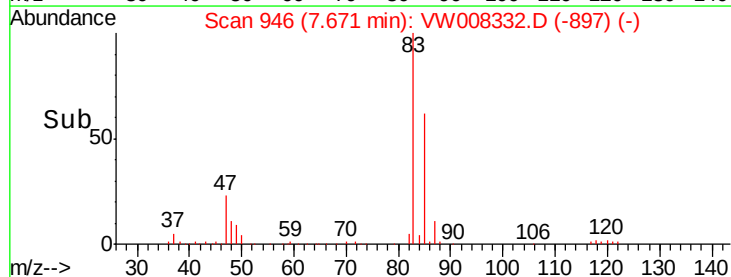
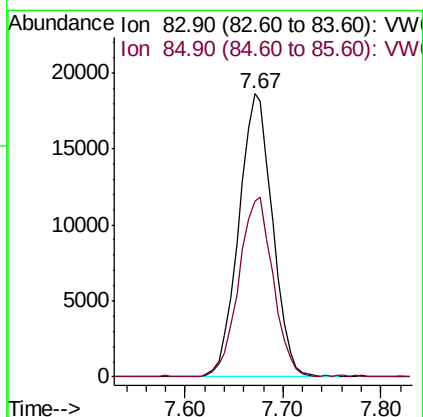
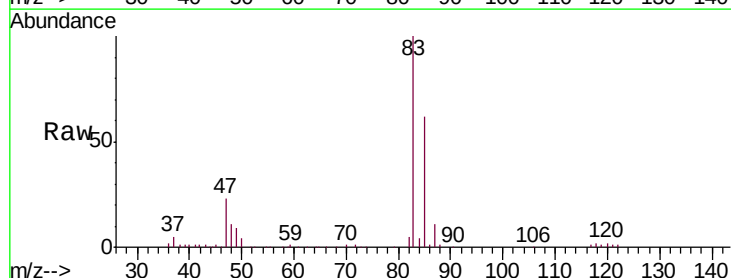
Instrument :
MSVOA_W
ClientSampleId :
VW0117SBSD01

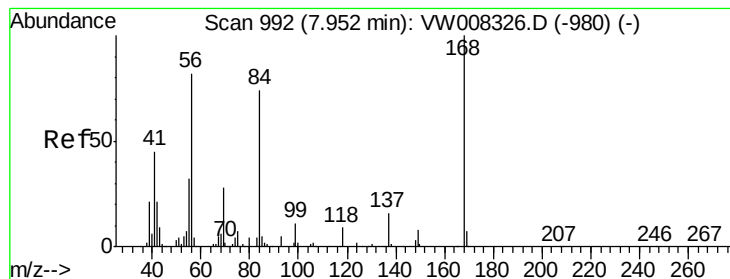
Tgt Ion: 42 Resp: 21977
Ion Ratio Lower Upper
42 100
72 41.8 34.0 51.0
71 42.4 32.0 48.0



#30
Chloroform
Concen: 19.948 ug/l
RT: 7.67 min Scan# 946
Delta R.T. -0.00 min
Lab File: VW008332.D
Acq: 17 Jan 2019 17:05

Tgt Ion: 83 Resp: 44410
Ion Ratio Lower Upper
83 100
85 62.0 50.2 75.2





#31

Cyclohexane

Concen: 18.974 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.00 min

Lab File: VW008332.D

Acq: 17 Jan 2019 17:05

Instrument :

MSVOA_W

ClientSampleId :

VW0117SBSD01

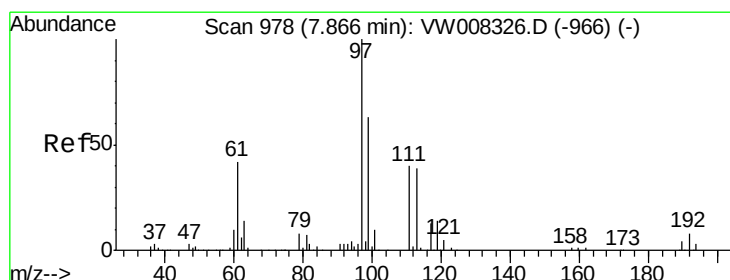
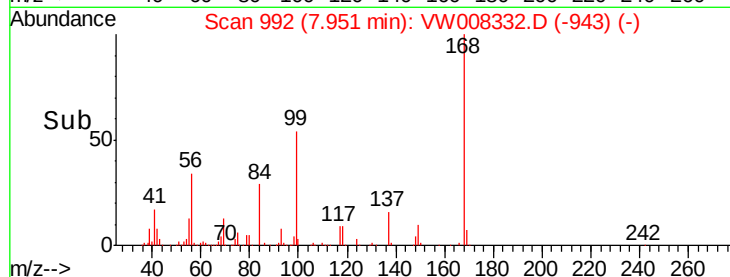
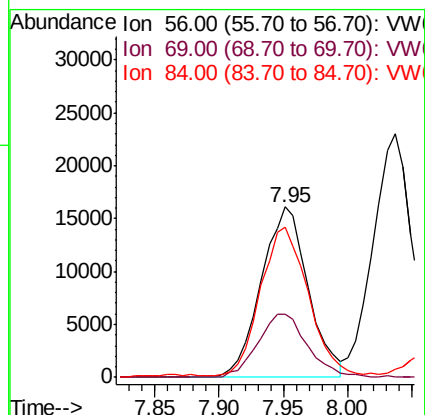
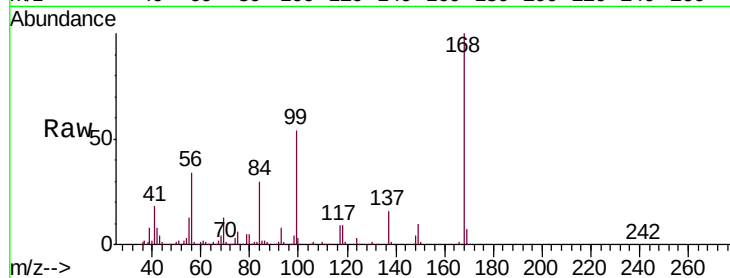
Tgt Ion: 56 Resp: 40677

Ion Ratio Lower Upper

56 100

69 37.4 27.0 40.6

84 86.5 72.5 108.7



#32

1,1,1-Trichloroethane

Concen: 18.984 ug/l

RT: 7.87 min Scan# 978

Delta R.T. -0.00 min

Lab File: VW008332.D

Acq: 17 Jan 2019 17:05

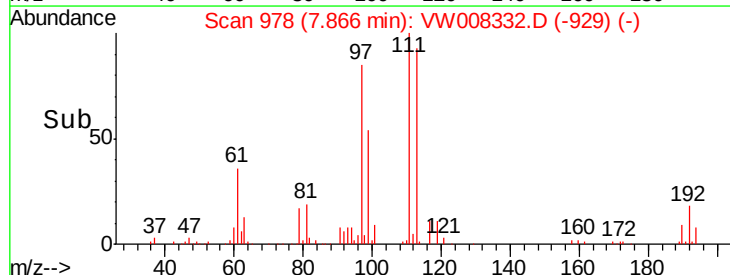
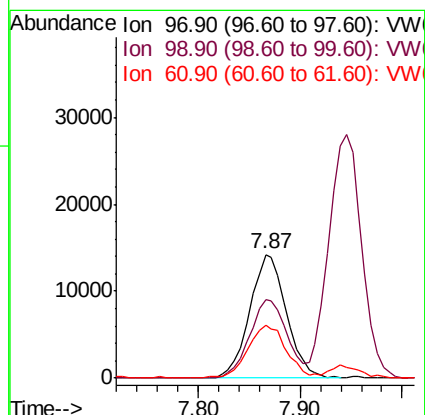
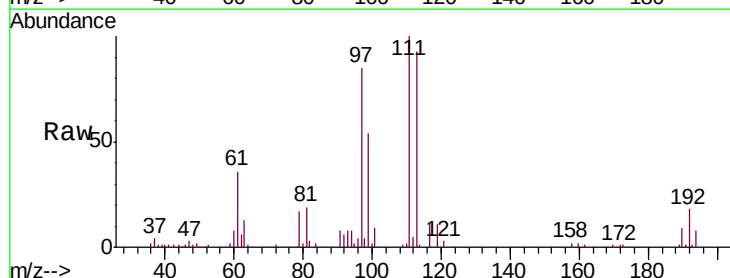
Tgt Ion: 97 Resp: 35470

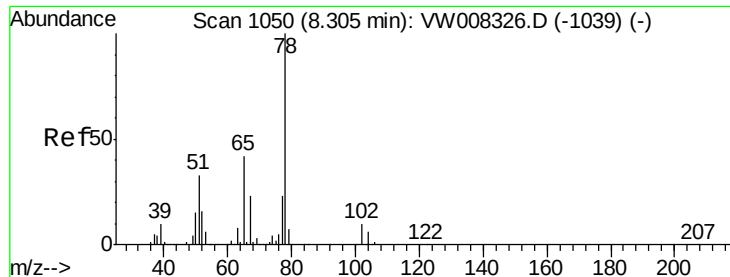
Ion Ratio Lower Upper

97 100

99 64.3 51.1 76.7

61 45.3 34.0 51.0

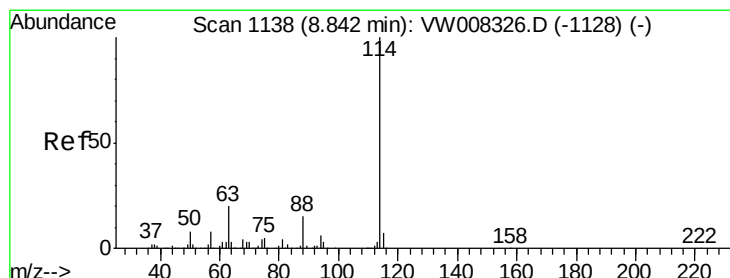
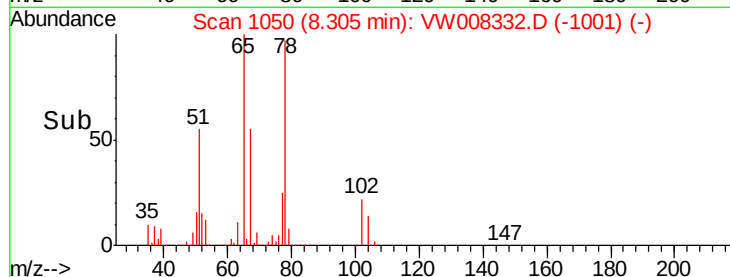
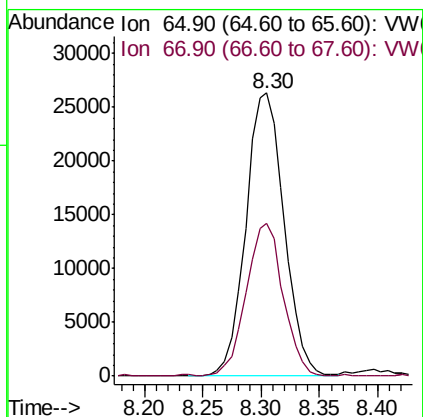
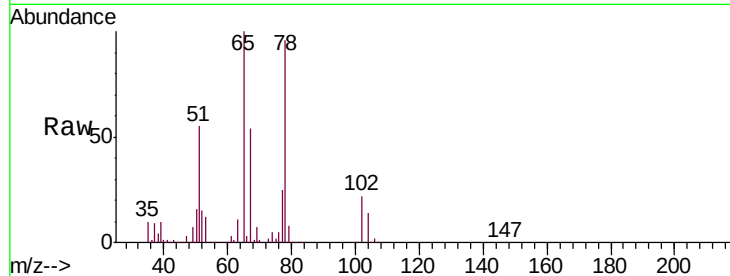




#33
 1,2-Dichloroethane-d4
 Concen: 52.284 ug/l
 RT: 8.30 min Scan# 1050
 Delta R.T. -0.00 min
 Lab File: VW008332.D
 Acq: 17 Jan 2019 17:05

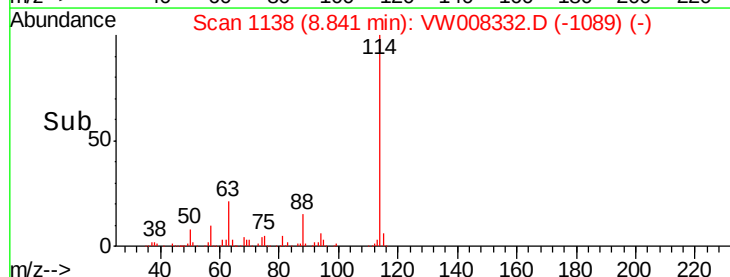
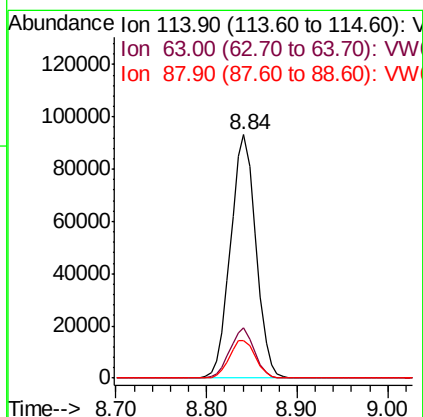
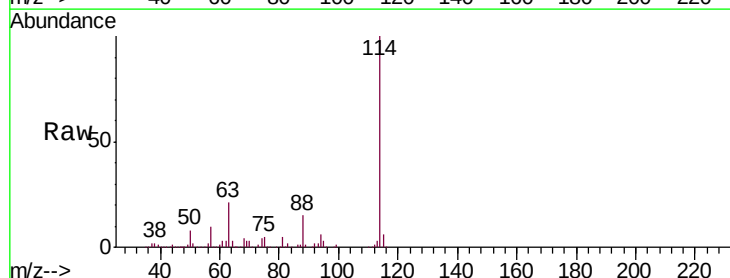
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0117SBSD01

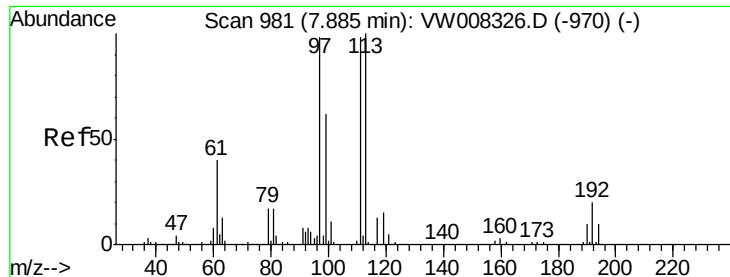
Tgt Ion: 65 Resp: 60015
 Ion Ratio Lower Upper
 65 100
 67 52.4 0.0 106.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VW008332.D
 Acq: 17 Jan 2019 17:05

Tgt Ion: 114 Resp: 180278
 Ion Ratio Lower Upper
 114 100
 63 20.8 0.0 40.8
 88 15.4 0.0 30.4





#35

Dibromofluoromethane

Concen: 51.113 ug/l

RT: 7.88 min Scan# 981

Delta R.T. -0.00 min

Lab File: VW008332.D

Acq: 17 Jan 2019 17:05

Instrument :

MSVOA_W

ClientSampled :

VW0117SBSD01

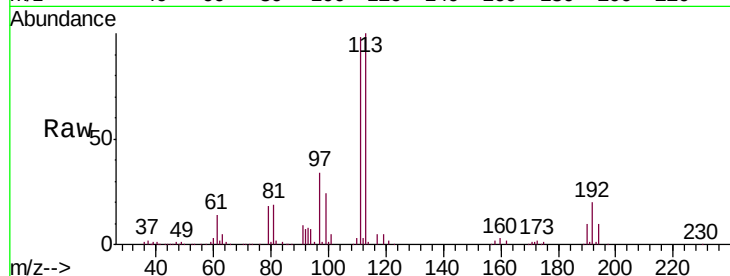
Tgt Ion:113 Resp: 58820

Ion Ratio Lower Upper

113 100

111 102.3 81.8 122.8

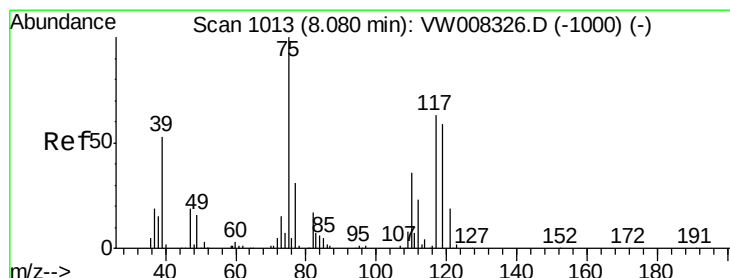
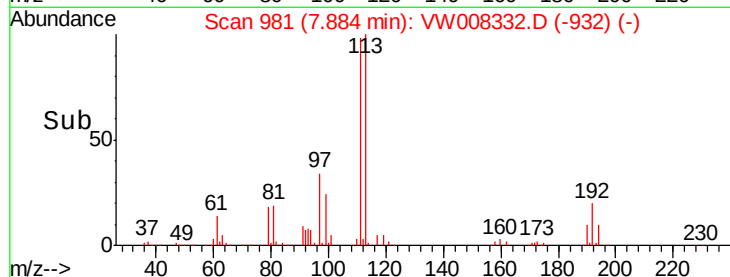
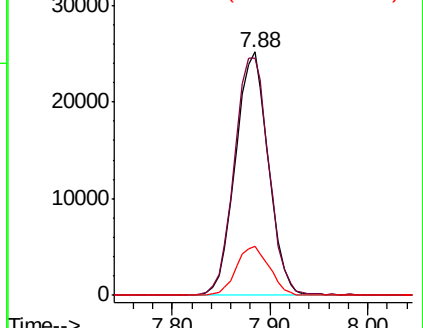
192 20.2 16.3 24.5



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 19.549 ug/l

RT: 8.07 min Scan# 1012

Delta R.T. -0.01 min

Lab File: VW008332.D

Acq: 17 Jan 2019 17:05

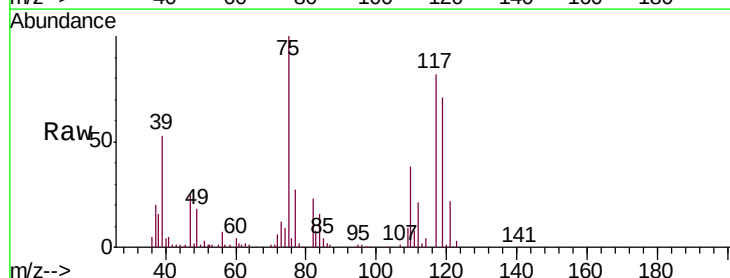
Tgt Ion: 75 Resp: 35457

Ion Ratio Lower Upper

75 100

110 35.8 17.5 52.6

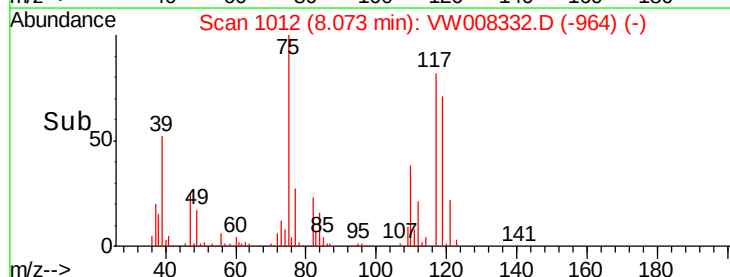
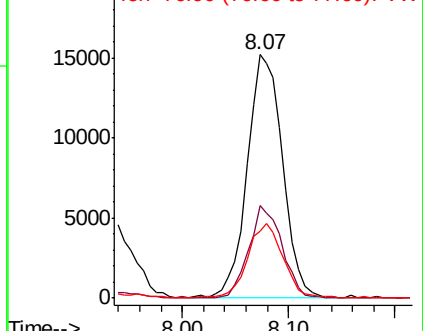
77 30.7 25.0 37.6

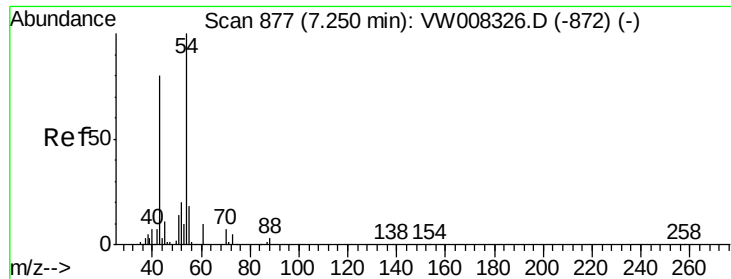


Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VW

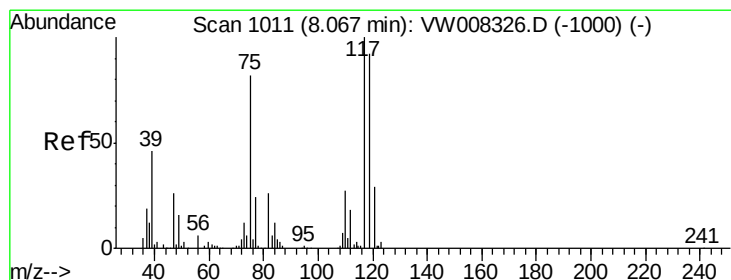
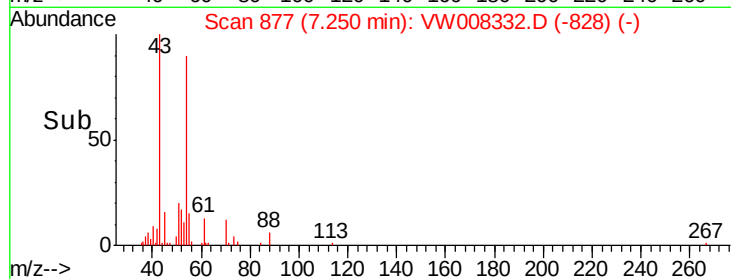
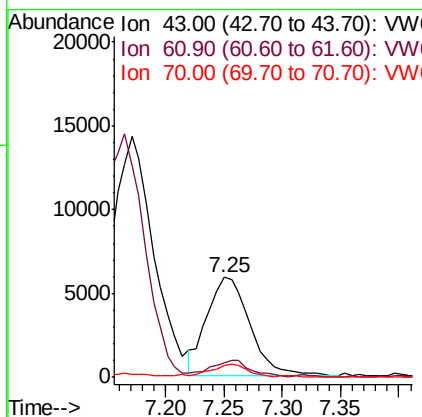
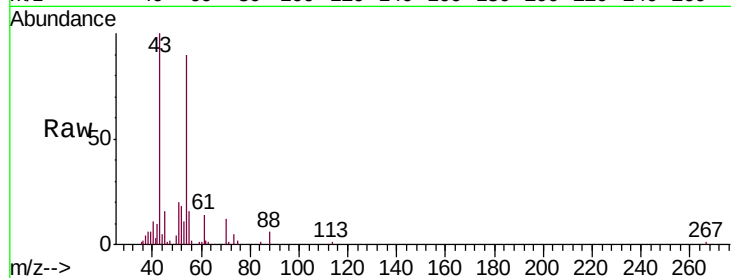




#37
Ethyl Acetate
Concen: 20.076 ug/l
RT: 7.25 min Scan# 877
Delta R.T. -0.00 min
Lab File: VW008332.D
Acq: 17 Jan 2019 17:05

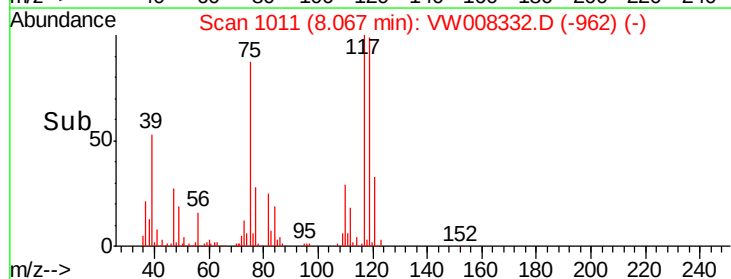
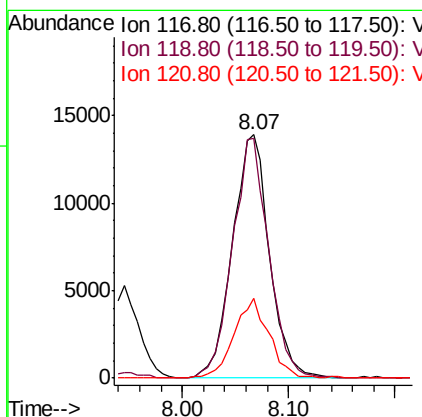
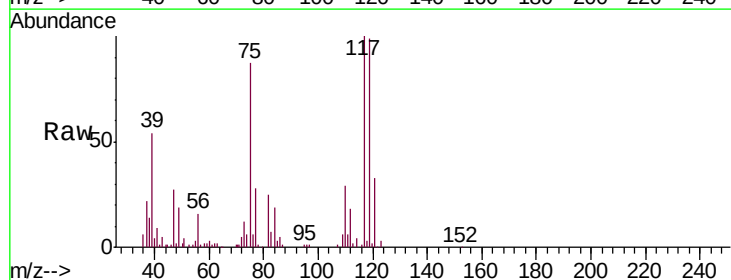
Instrument :
MSVOA_W
ClientSampleId :
VW0117SBSD01

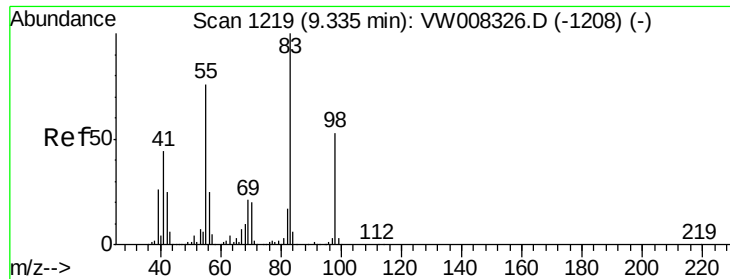
Tgt Ion: 43 Resp: 15016
Ion Ratio Lower Upper
43 100
61 14.7 11.5 17.3
70 12.2 8.8 13.2



#38
Carbon Tetrachloride
Concen: 18.885 ug/l
RT: 8.07 min Scan# 1011
Delta R.T. -0.00 min
Lab File: VW008332.D
Acq: 17 Jan 2019 17:05

Tgt Ion: 117 Resp: 33824
Ion Ratio Lower Upper
117 100
119 98.6 73.8 110.6
121 32.5 23.4 35.0

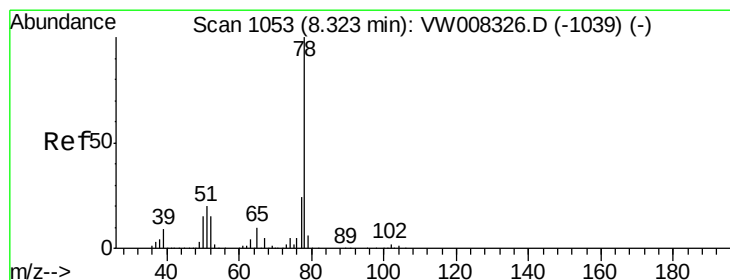
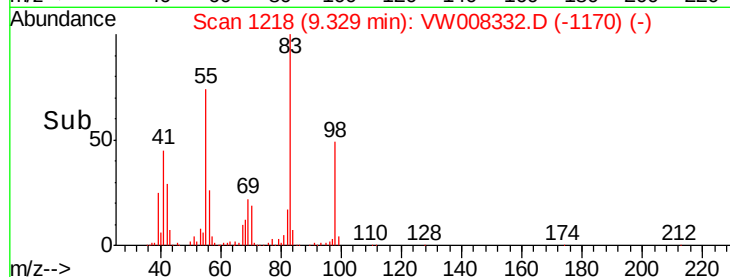
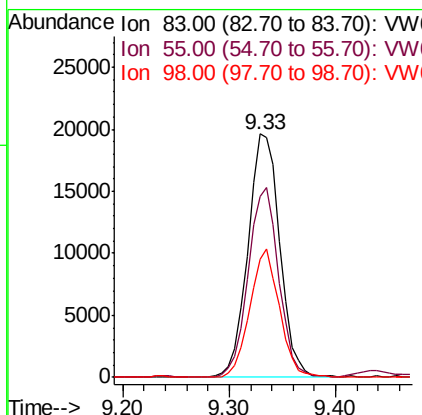
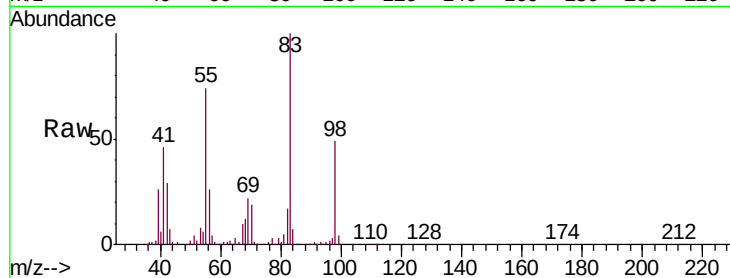




#39
Methylcyclohexane
Concen: 19.117 ug/l
RT: 9.33 min Scan# 1219
Delta R.T. -0.01 min
Lab File: VW008332.D
Acq: 17 Jan 2019 17:05

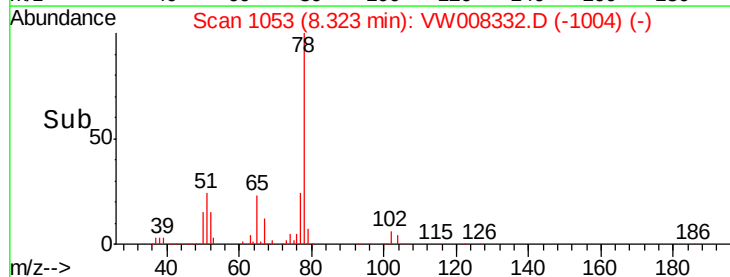
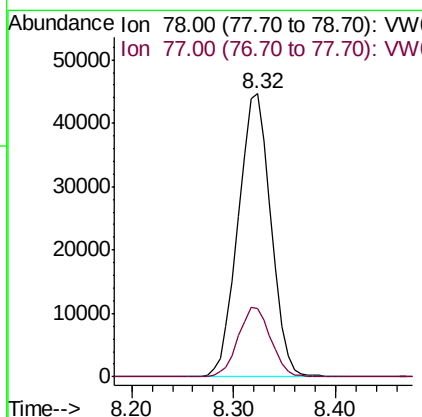
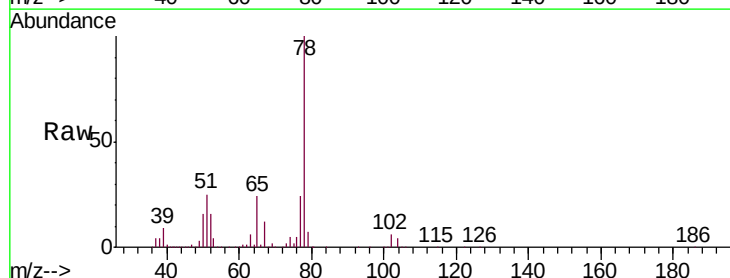
Instrument :
MSVOA_W
ClientSampleId :
VW0117SBSD01

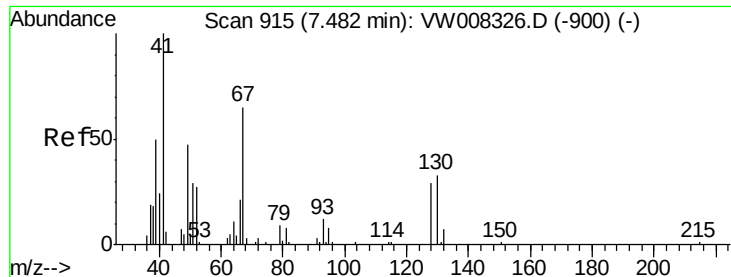
Tgt Ion: 83 Resp: 41243
Ion Ratio Lower Upper
83 100
55 74.2 61.1 91.7
98 48.6 42.5 63.7



#40
Benzene
Concen: 19.401 ug/l
RT: 8.32 min Scan# 1053
Delta R.T. -0.00 min
Lab File: VW008332.D
Acq: 17 Jan 2019 17:05

Tgt Ion: 78 Resp: 99676
Ion Ratio Lower Upper
78 100
77 24.3 19.4 29.0

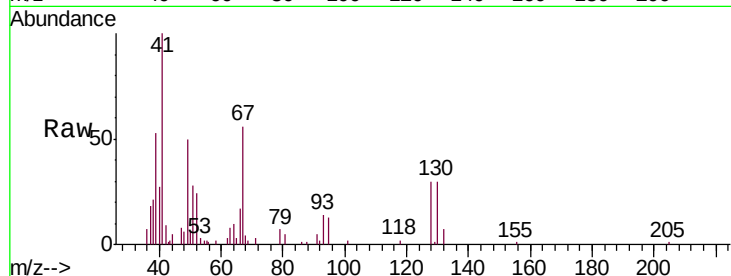




#41
Methacrylonitrile
Concen: 20.542 ug/l
RT: 7.48 min Scan# 915
Delta R.T. -0.00 min
Lab File: VW008332.D
Acq: 17 Jan 2019 17:05

Instrument :
MSVOA_W
ClientSampleId :
VW0117SBSD01

Tgt Ion:	41	Resp:	8944
Ion	Ratio	Lower	Upper
41	100		
39	50.3	44.9	67.3
67	76.7	56.9	85.3
52	31.4	24.4	36.6



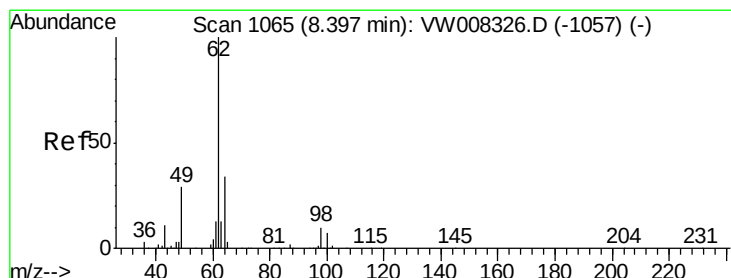
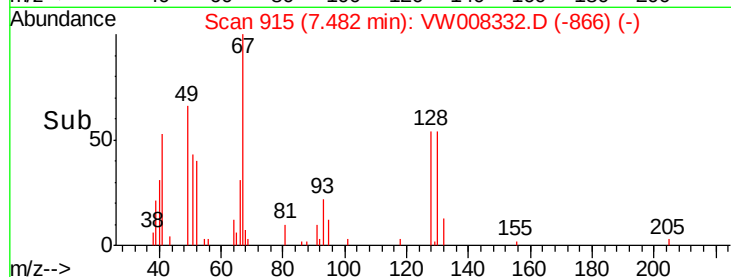
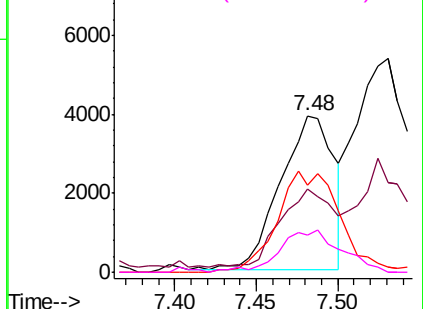
Abundance

Ion 41.00 (40.70 to 41.70): VW

Ion 39.00 (38.70 to 39.70): VW

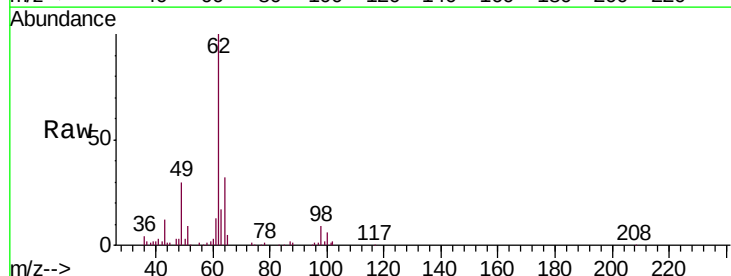
Ion 67.00 (66.70 to 67.70): VW

Ion 52.00 (51.70 to 52.70): VW



#42
1,2-Dichloroethane
Concen: 20.257 ug/l
RT: 8.40 min Scan# 1065
Delta R.T. -0.00 min
Lab File: VW008332.D
Acq: 17 Jan 2019 17:05

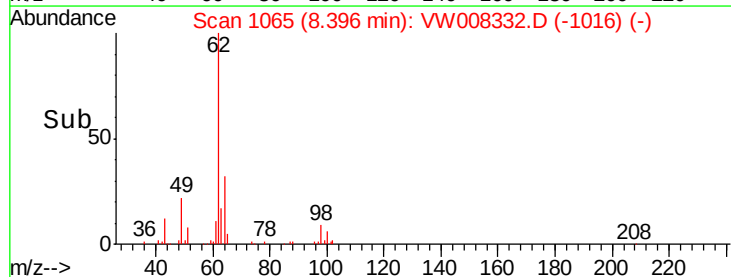
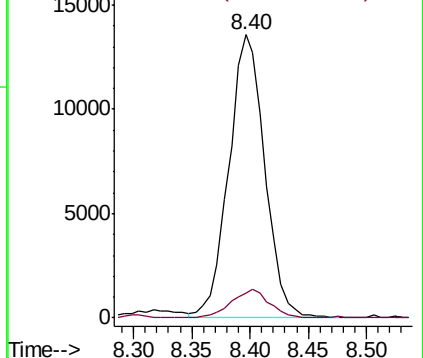
Tgt Ion:	62	Resp:	29103
Ion	Ratio	Lower	Upper
62	100		
98	10.4	0.0	19.0

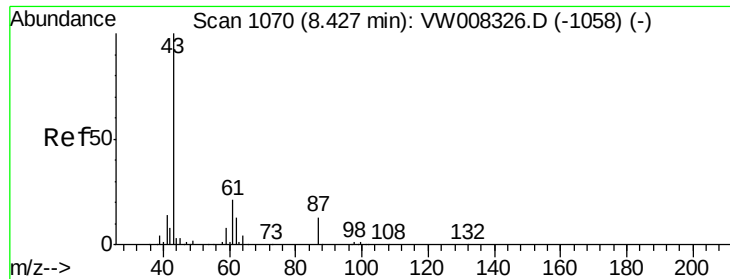


Abundance

Ion 61.90 (61.60 to 62.60): VW

Ion 97.90 (97.60 to 98.60): VW





#43

Isopropyl Acetate

Concen: 21.064 ug/l

RT: 8.42 min Scan# 1069

Delta R.T. -0.01 min

Lab File: VW008332.D

Acq: 17 Jan 2019 17:05

Instrument :

MSVOA_W

ClientSampleId :

VW0117SBS01

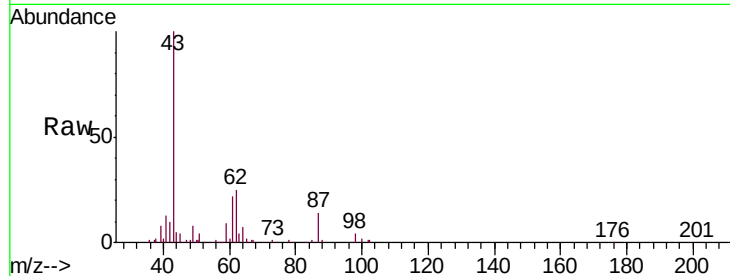
Tgt Ion: 43 Resp: 29760

Ion Ratio Lower Upper

43 100

61 30.0 24.8 37.2

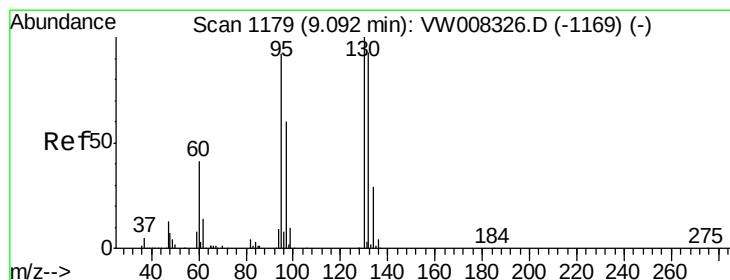
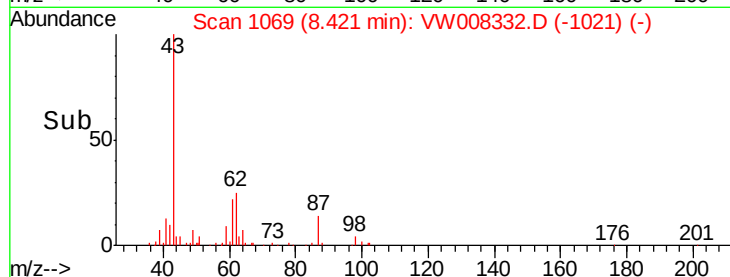
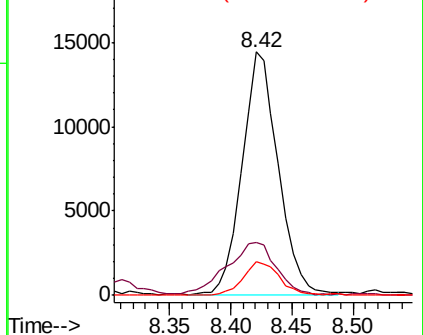
87 13.7 10.7 16.1



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 61.00 (60.70 to 61.70): VW

Ion 87.00 (86.70 to 87.70): VW



#44

Trichloroethene

Concen: 18.907 ug/l

RT: 9.09 min Scan# 1179

Delta R.T. -0.00 min

Lab File: VW008332.D

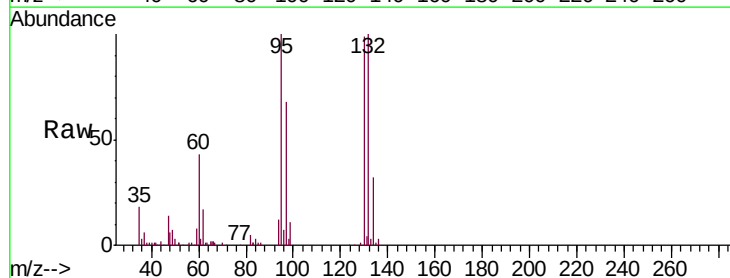
Acq: 17 Jan 2019 17:05

Tgt Ion: 130 Resp: 26614

Ion Ratio Lower Upper

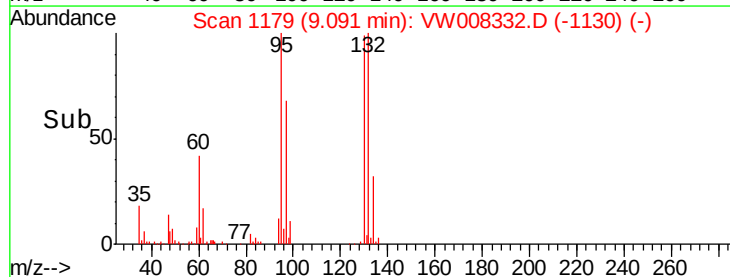
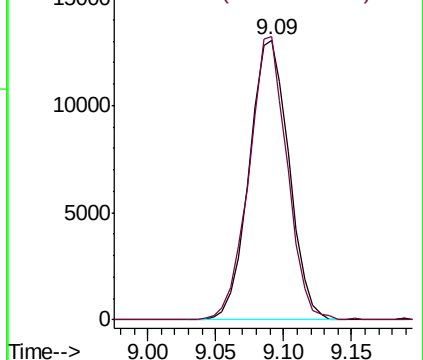
130 100

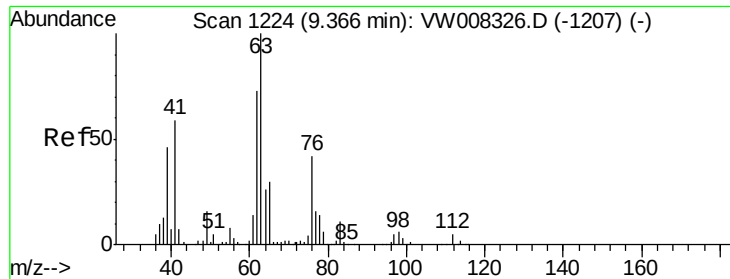
95 101.2 0.0 184.8



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VW

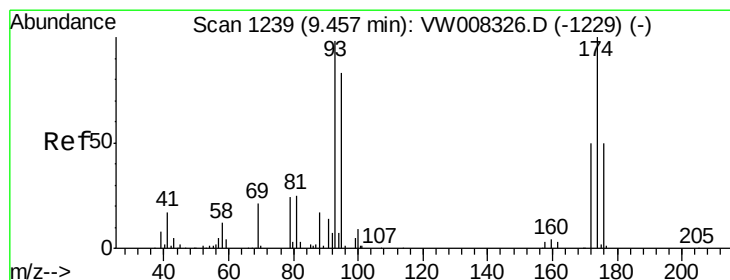
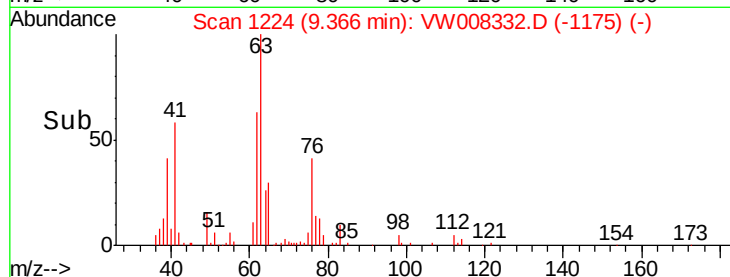
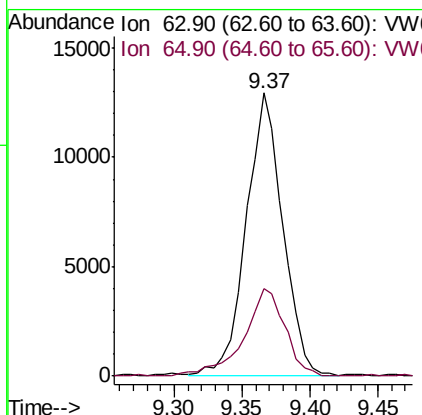
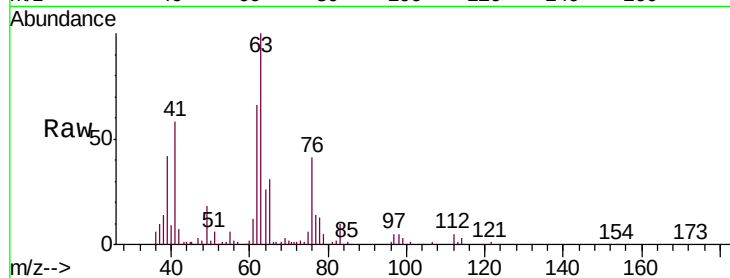




#45
 1,2-Dichloropropane
 Concen: 19.145 ug/l
 RT: 9.37 min Scan# 1224
 Delta R.T. -0.00 min
 Lab File: VW008332.D
 Acq: 17 Jan 2019 17:05

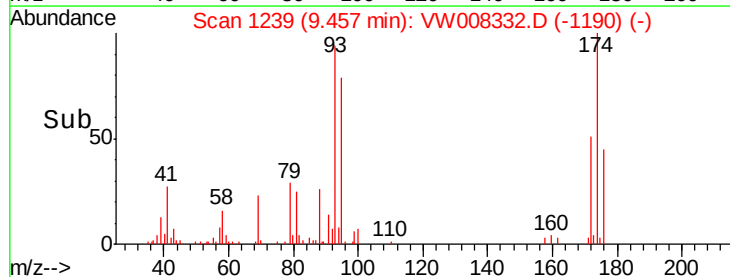
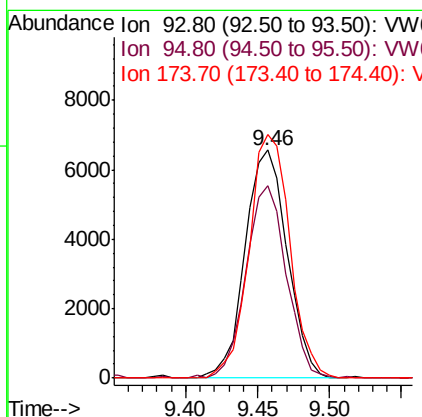
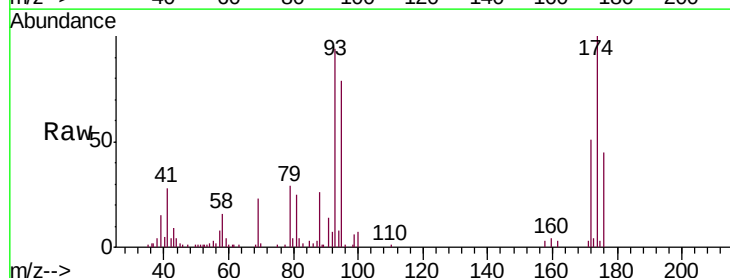
Instrument :
 MSVOA_W
 ClientSampled :
 VW0117SBSD01

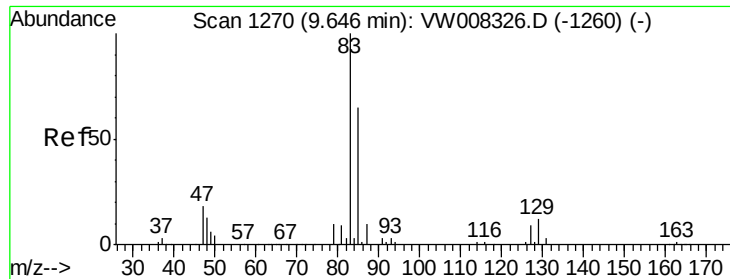
Tgt Ion: 63 Resp: 24433
 Ion Ratio Lower Upper
 63 100
 65 31.0 23.9 35.9



#46
 Dibromomethane
 Concen: 19.952 ug/l
 RT: 9.46 min Scan# 1239
 Delta R.T. -0.00 min
 Lab File: VW008332.D
 Acq: 17 Jan 2019 17:05

Tgt Ion: 93 Resp: 13271
 Ion Ratio Lower Upper
 93 100
 95 80.9 67.8 101.8
 174 103.3 84.4 126.6

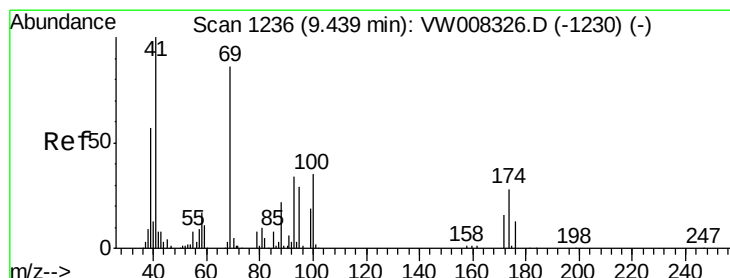
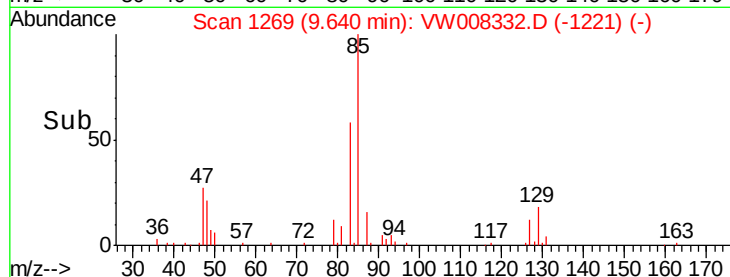
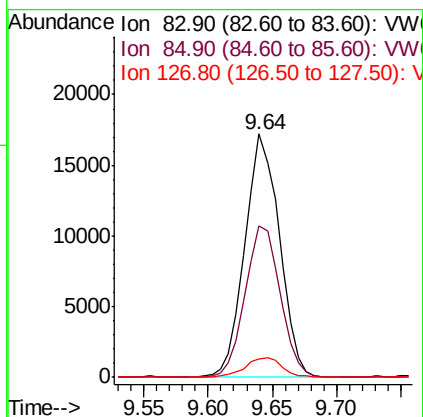
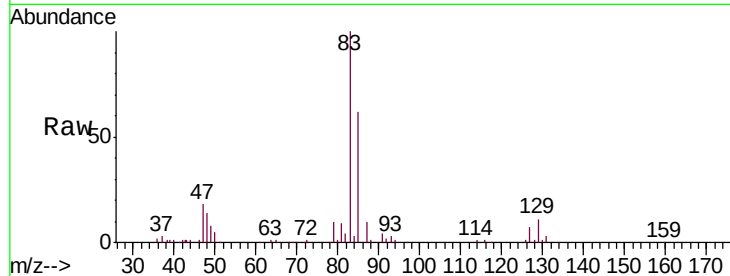




#47
Bromodichloromethane
Concen: 19.461 ug/l
RT: 9.64 min Scan# 1269
Delta R.T. -0.01 min
Lab File: VW008332.D
Acq: 17 Jan 2019 17:05

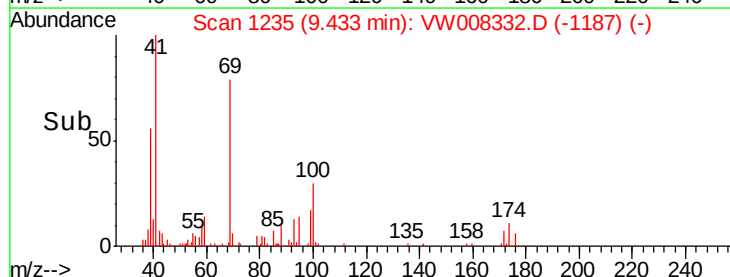
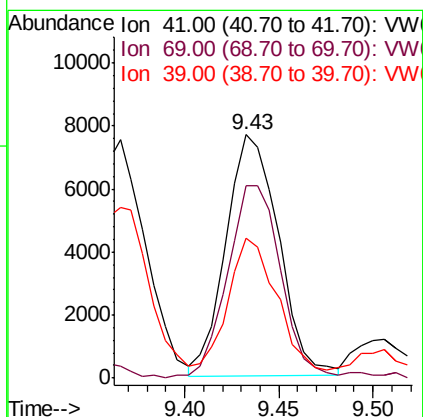
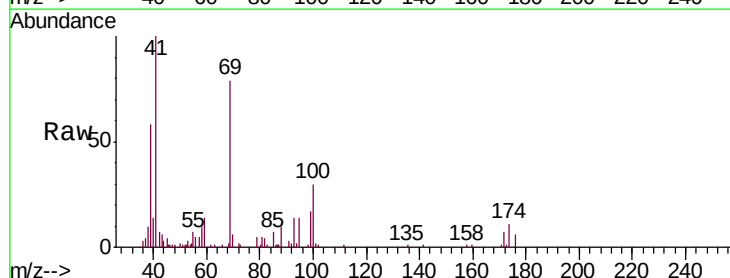
Instrument :
MSVOA_W
ClientSampleId :
VW0117SBSD01

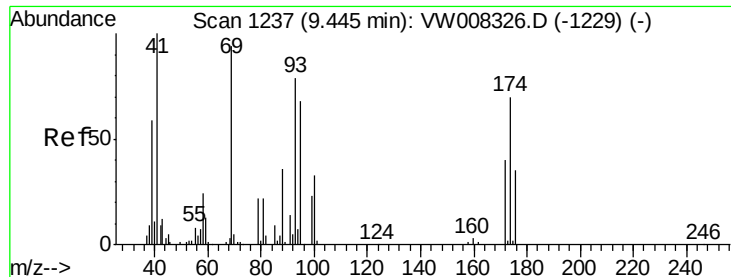
Tgt Ion: 83 Resp: 31929
Ion Ratio Lower Upper
83 100
85 62.2 51.6 77.4
127 7.4 6.8 10.2



#48
Methyl methacrylate
Concen: 22.377 ug/l
RT: 9.43 min Scan# 1235
Delta R.T. -0.01 min
Lab File: VW008332.D
Acq: 17 Jan 2019 17:05

Tgt Ion: 41 Resp: 14883
Ion Ratio Lower Upper
41 100
69 80.4 68.2 102.4
39 48.8 46.0 69.0

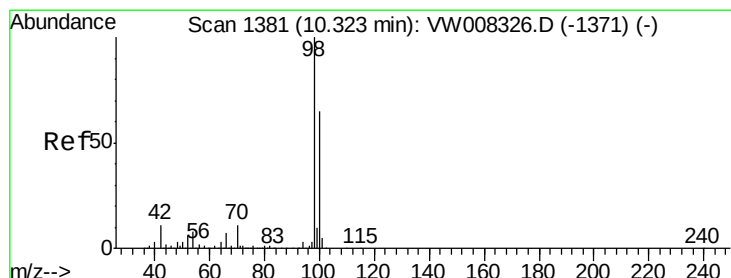
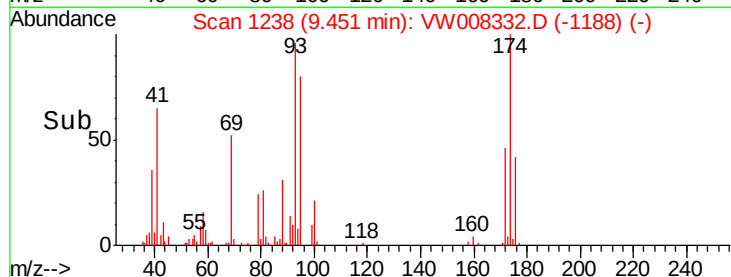
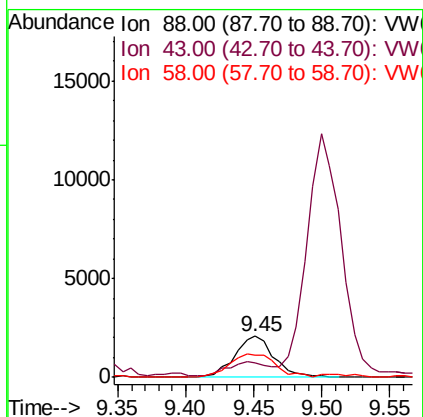
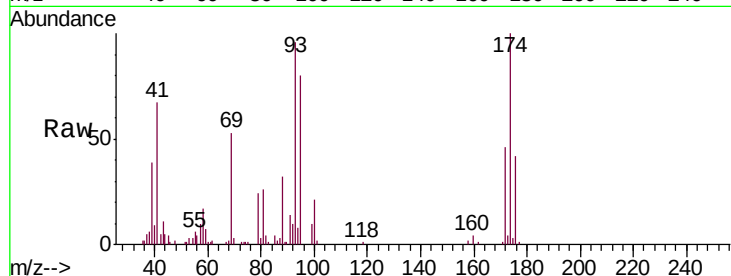




#49
1,4-Dioxane
Concen: 390.189 ug/l
RT: 9.45 min Scan# 1238
Delta R.T. 0.01 min
Lab File: VW008332.D
Acq: 17 Jan 2019 17:05

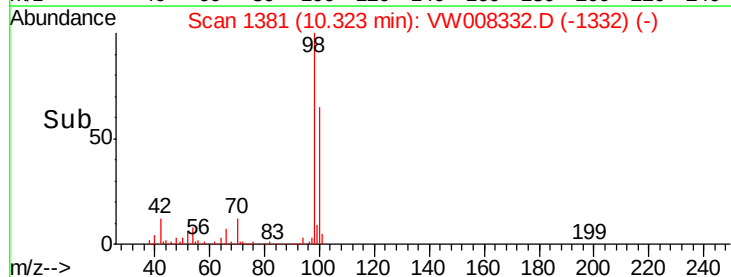
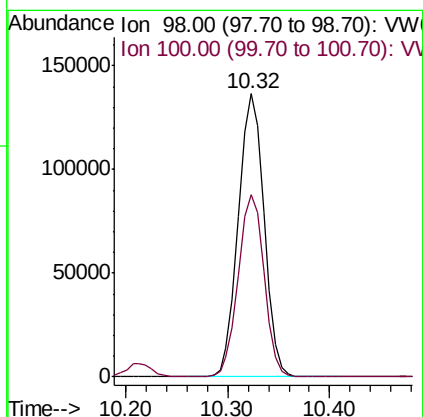
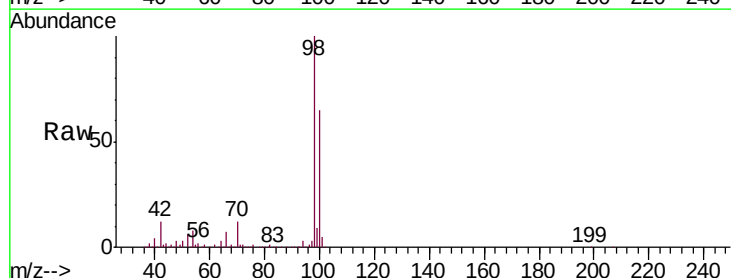
Instrument :
MSVOA_W
ClientSampleId :
VW0117SBSD01

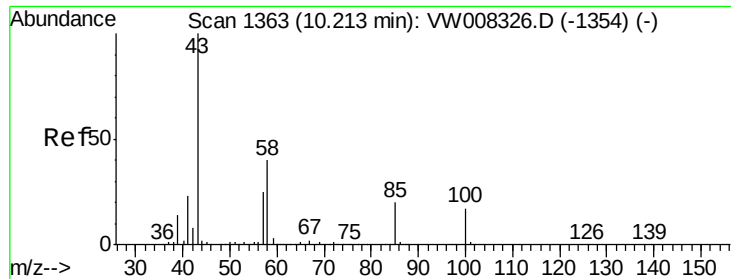
Tgt Ion: 88 Resp: 4178
Ion Ratio Lower Upper
88 100
43 32.2 27.1 40.7
58 67.1 57.9 86.9



#50
Toluene-d8
Concen: 52.736 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. -0.00 min
Lab File: VW008332.D
Acq: 17 Jan 2019 17:05

Tgt Ion: 98 Resp: 238411
Ion Ratio Lower Upper
98 100
100 64.7 51.8 77.8

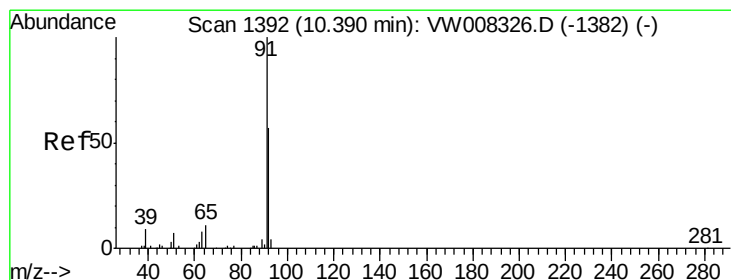
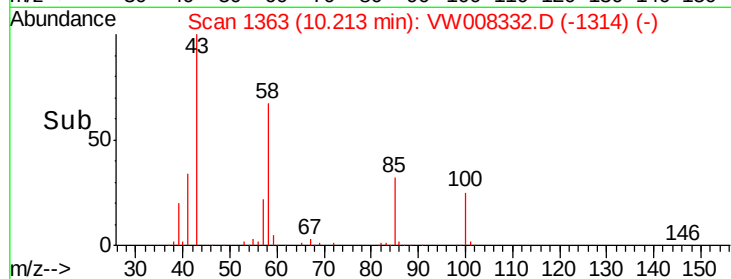
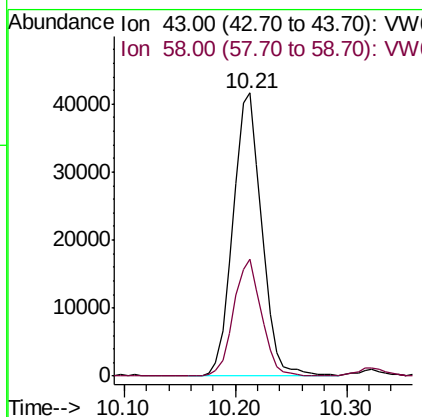
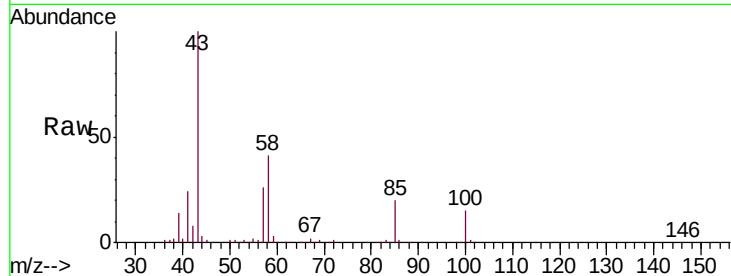




#51
4-Methyl-2-Pentanone
Concen: 103.423 ug/l
RT: 10.21 min Scan# 1363
Delta R.T. -0.00 min
Lab File: VW008332.D
Acq: 17 Jan 2019 17:05

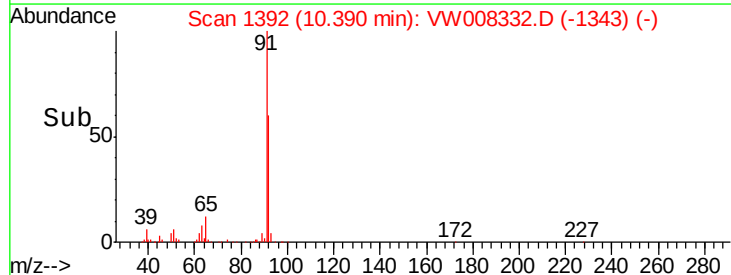
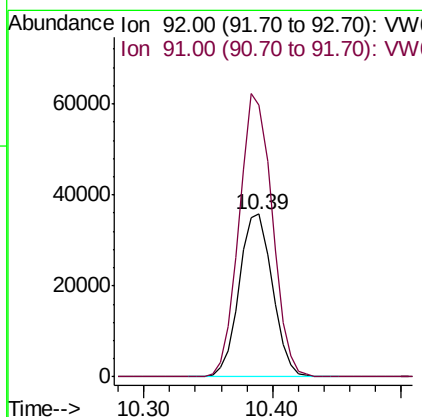
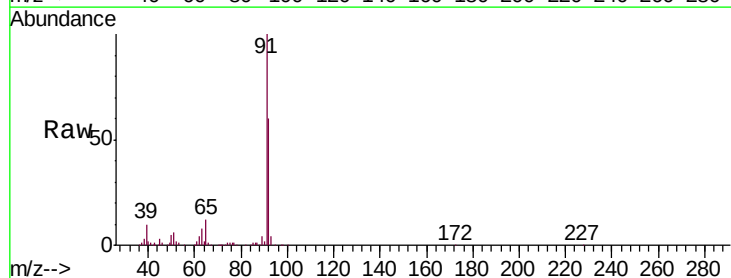
Instrument :
MSVOA_W
ClientSampleId :
VW0117SBSD01

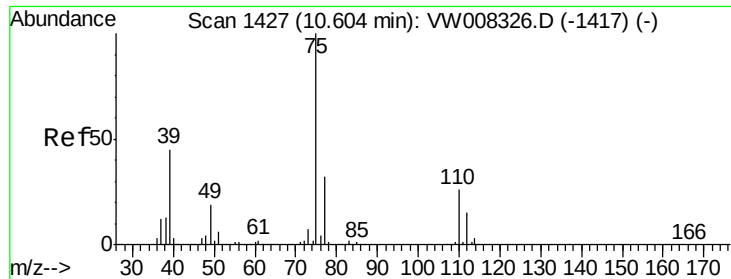
Tgt Ion: 43 Resp: 73988
Ion Ratio Lower Upper
43 100
58 40.6 31.4 47.0



#52
Toluene
Concen: 19.728 ug/l
RT: 10.39 min Scan# 1392
Delta R.T. -0.00 min
Lab File: VW008332.D
Acq: 17 Jan 2019 17:05

Tgt Ion: 92 Resp: 64145
Ion Ratio Lower Upper
92 100
91 173.2 140.2 210.2





#53

t-1,3-Dichloropropene

Concen: 19.519 ug/l

RT: 10.60 min Scan# 1427

Delta R.T. -0.00 min

Lab File: VW008332.D

Acq: 17 Jan 2019 17:05

Instrument :

MSVOA_W

ClientSampleId :

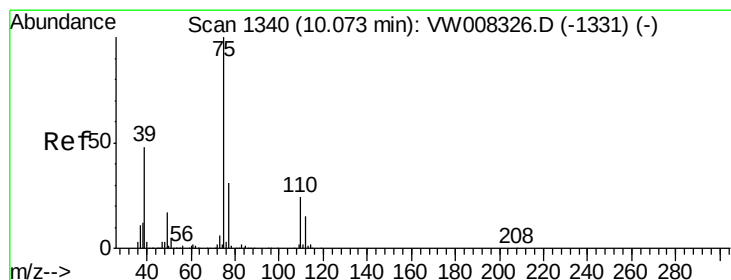
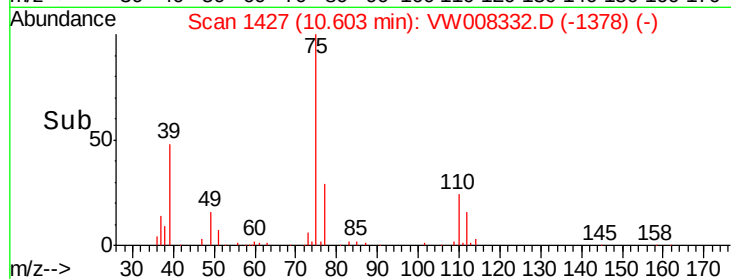
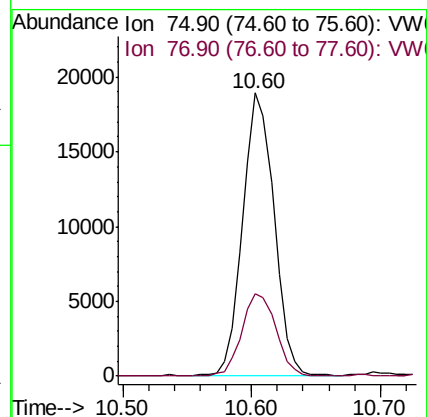
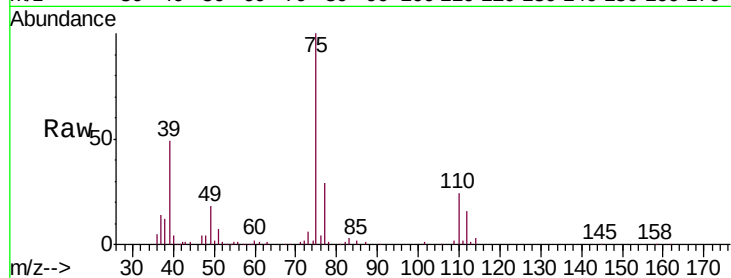
VW0117SBSD01

Tgt Ion: 75 Resp: 31963

Ion Ratio Lower Upper

75 100

77 28.8 25.8 38.8



#54

cis-1,3-Dichloropropene

Concen: 19.621 ug/l

RT: 10.07 min Scan# 1340

Delta R.T. -0.00 min

Lab File: VW008332.D

Acq: 17 Jan 2019 17:05

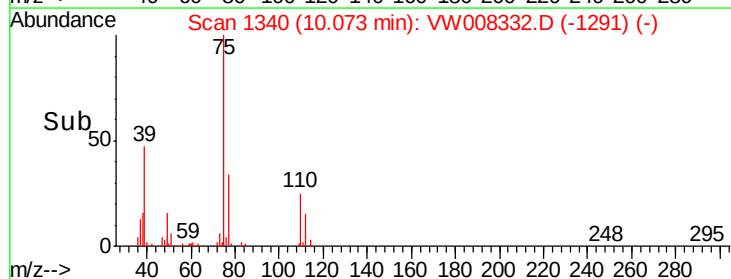
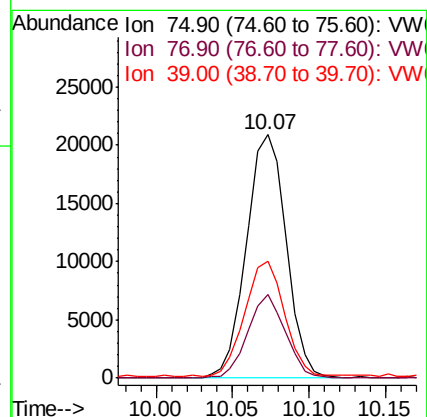
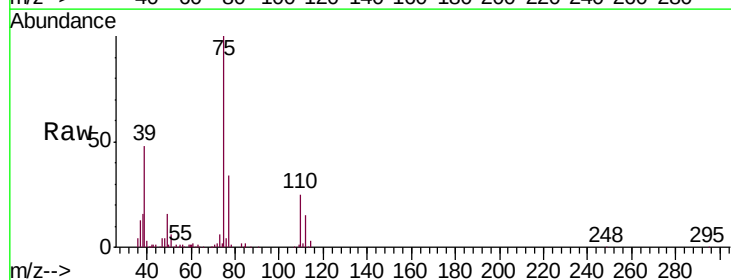
Tgt Ion: 75 Resp: 37876

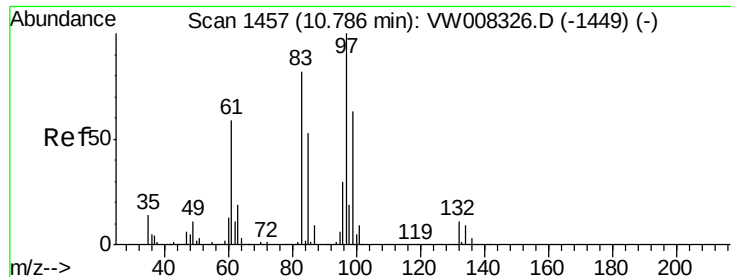
Ion Ratio Lower Upper

75 100

77 34.3 24.4 36.6

39 46.8 38.6 57.8

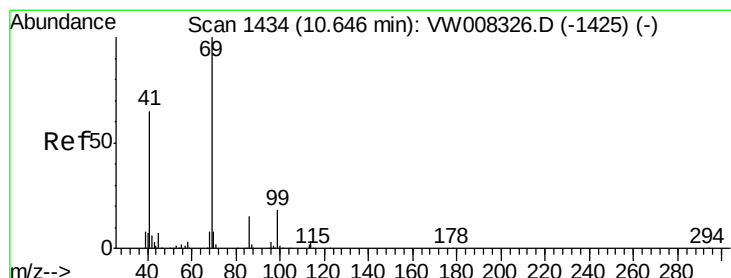
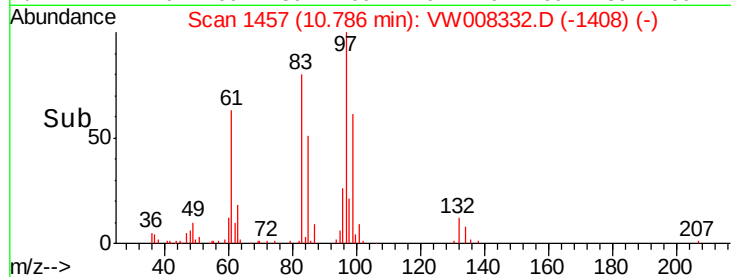
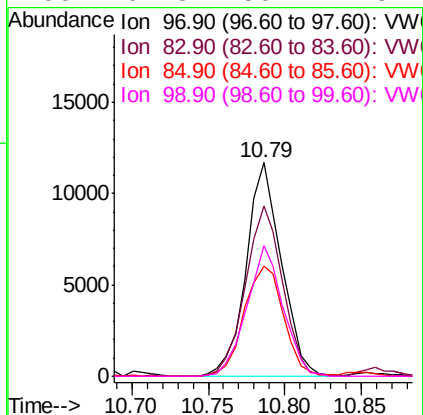
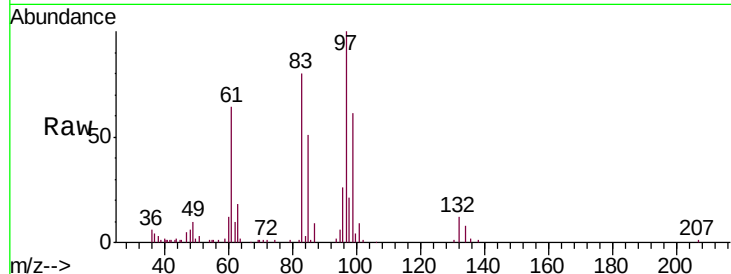




#55
 1,1,2-Trichloroethane
 Concen: 20.316 ug/l
 RT: 10.79 min Scan# 1457
 Delta R.T. -0.00 min
 Lab File: VW008332.D
 Acq: 17 Jan 2019 17:05

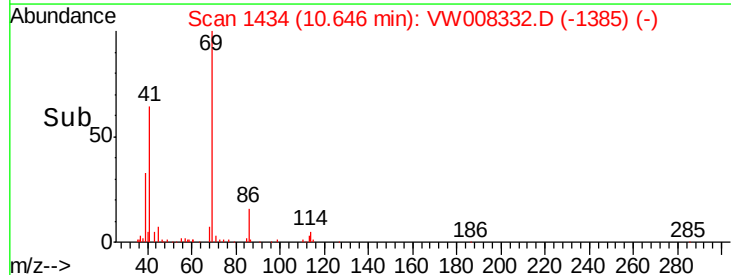
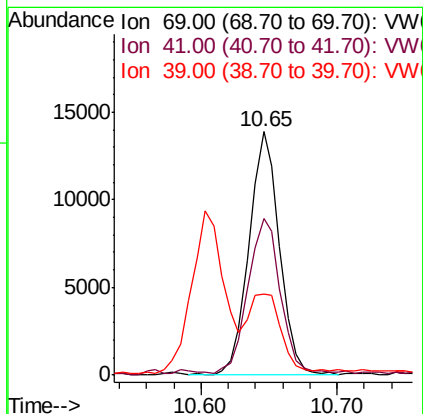
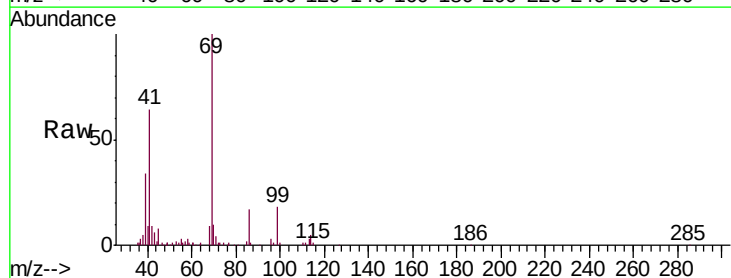
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0117SBS01

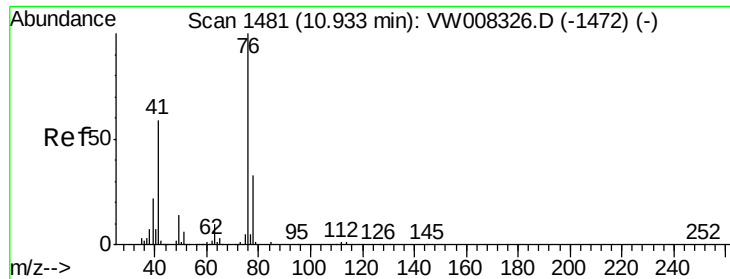
Tgt Ion:	97	Resp:	18743
Ion	Ratio	Lower	Upper
97	100		
83	79.7	65.3	97.9
85	51.3	42.6	64.0
99	61.3	50.2	75.2



#56
 Ethyl methacrylate
 Concen: 20.107 ug/l
 RT: 10.65 min Scan# 1434
 Delta R.T. -0.00 min
 Lab File: VW008332.D
 Acq: 17 Jan 2019 17:05

Tgt Ion:	69	Resp:	21785
Ion	Ratio	Lower	Upper
69	100		
41	66.9	52.9	79.3
39	35.0	28.4	42.6

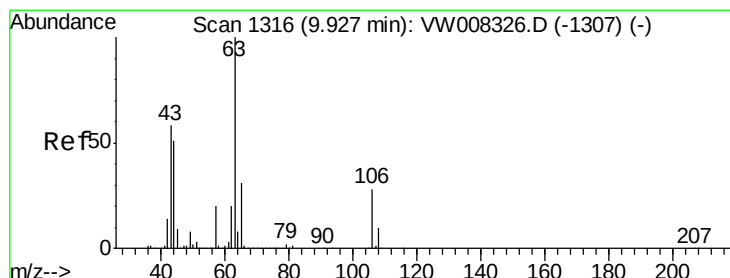
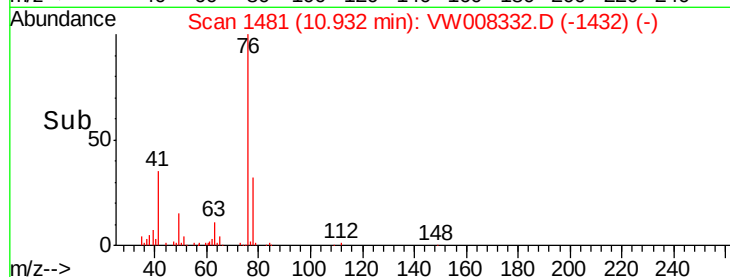
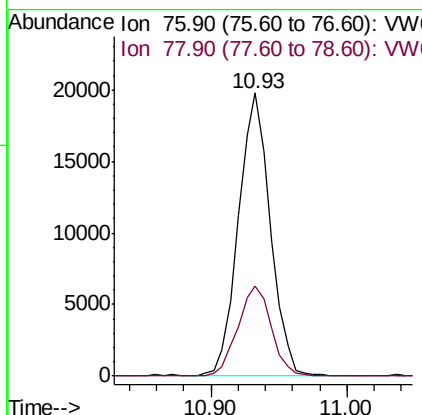
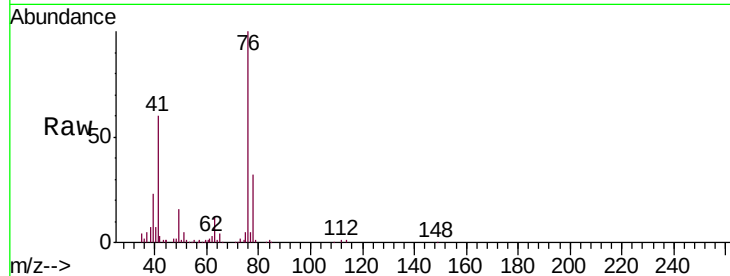




#57
 1,3-Dichloropropane
 Concen: 20.221 ug/l
 RT: 10.93 min Scan# 1481
 Delta R.T. -0.00 min
 Lab File: VW008332.D
 Acq: 17 Jan 2019 17:05

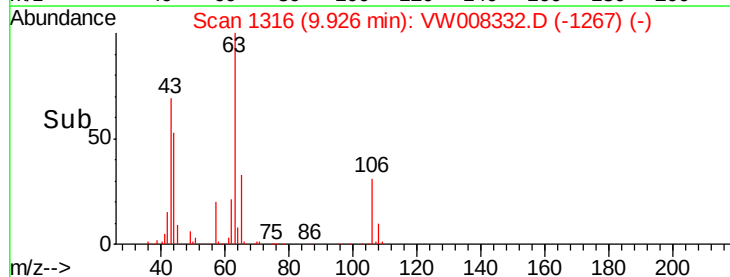
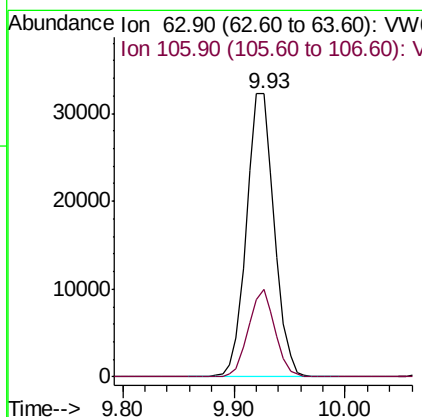
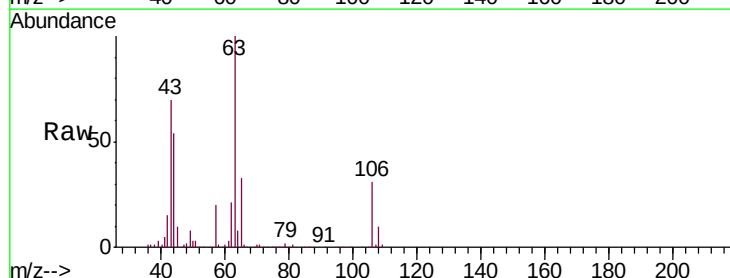
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0117SBSD01

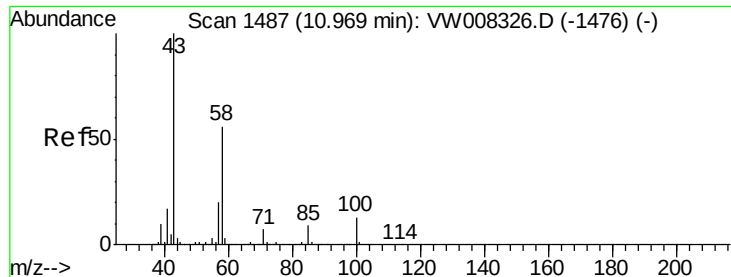
Tgt Ion: 76 Resp: 32391
 Ion Ratio Lower Upper
 76 100
 78 33.2 26.1 39.1



#58
 2-Chloroethyl Vinyl ether
 Concen: 106.990 ug/l
 RT: 9.93 min Scan# 1316
 Delta R.T. -0.00 min
 Lab File: VW008332.D
 Acq: 17 Jan 2019 17:05

Tgt Ion: 63 Resp: 55915
 Ion Ratio Lower Upper
 63 100
 106 29.5 22.9 34.3

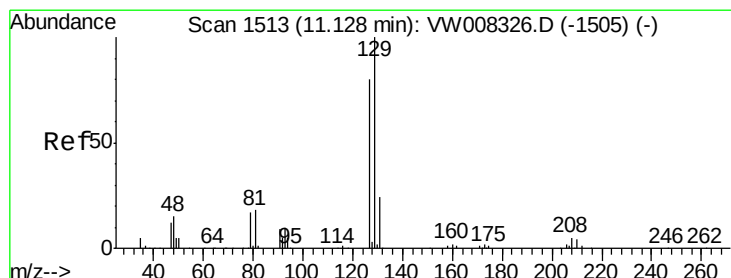
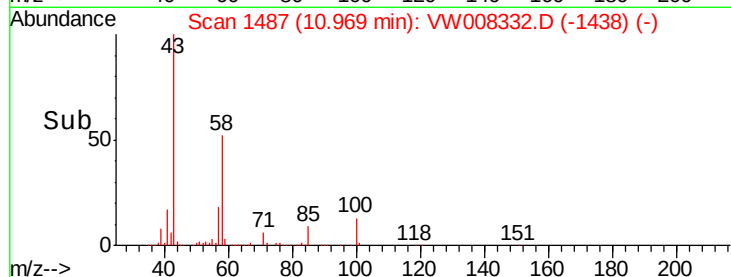
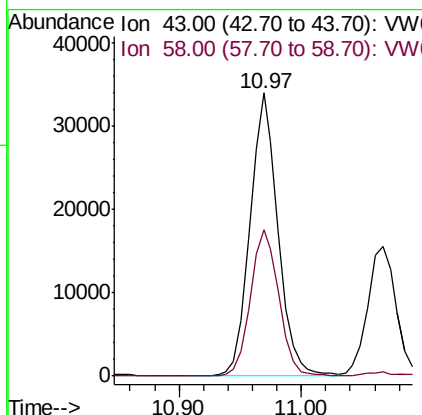
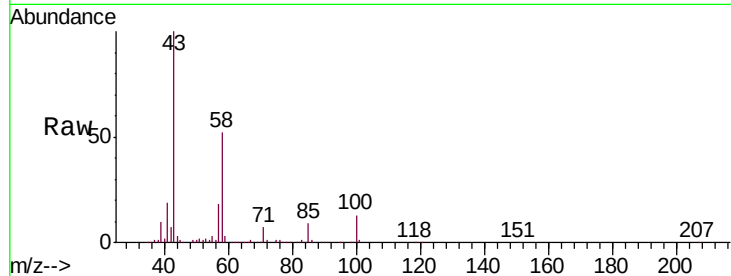




#59
2-Hexanone
Concen: 107.454 ug/l
RT: 10.97 min Scan# 1487
Delta R.T. -0.00 min
Lab File: VW008332.D
Acq: 17 Jan 2019 17:05

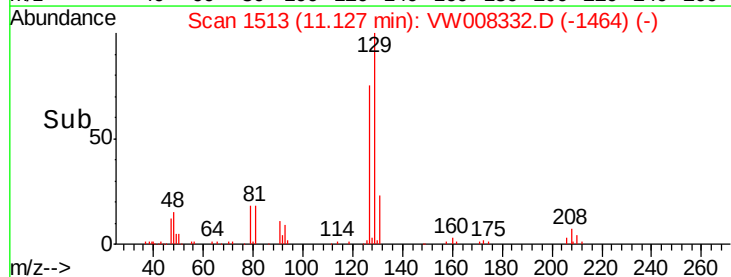
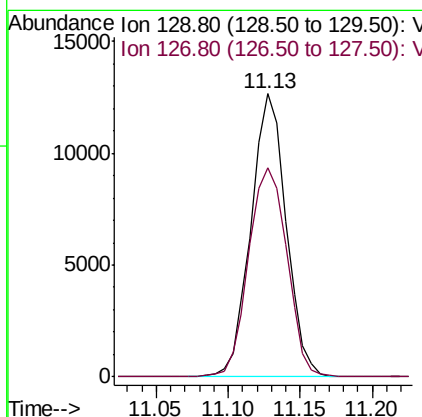
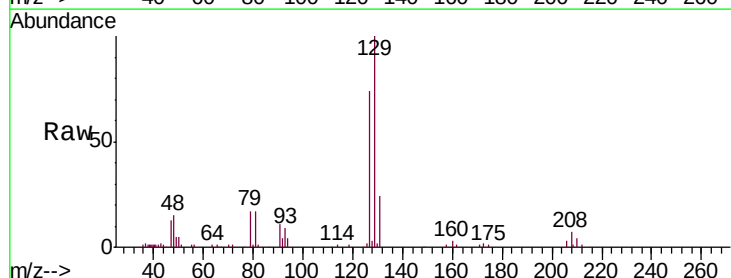
Instrument :
MSVOA_W
ClientSampleId :
VW0117SBSD01

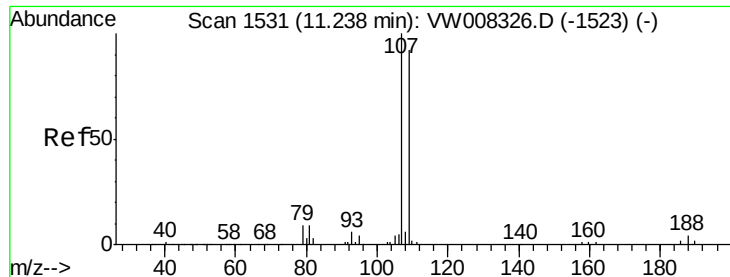
Tgt Ion: 43 Resp: 53861
Ion Ratio Lower Upper
43 100
58 53.3 27.5 82.5



#60
Dibromochloromethane
Concen: 19.412 ug/l
RT: 11.13 min Scan# 1513
Delta R.T. -0.00 min
Lab File: VW008332.D
Acq: 17 Jan 2019 17:05

Tgt Ion: 129 Resp: 21374
Ion Ratio Lower Upper
129 100
127 80.6 39.1 117.2

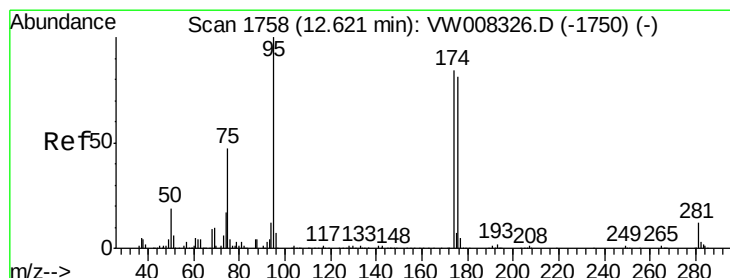
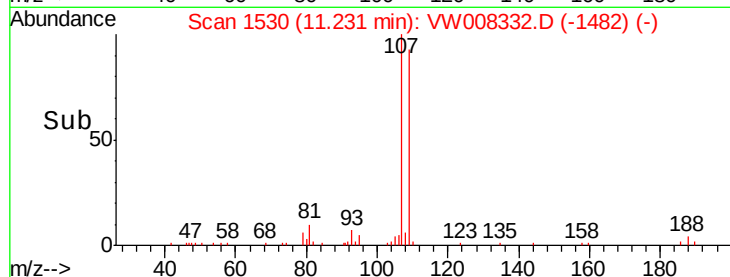
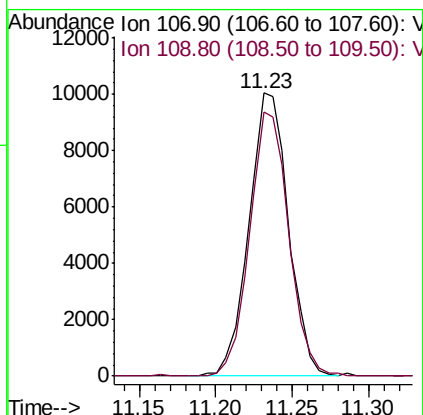
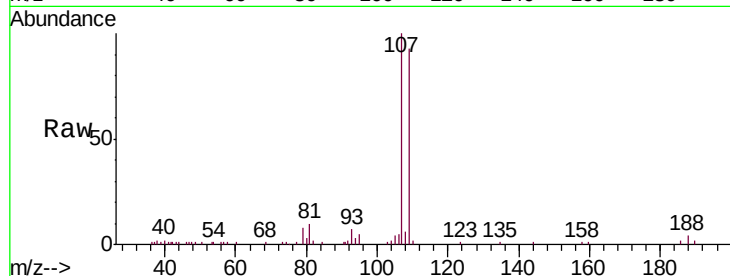




#61
 1,2-Dibromoethane
 Concen: 20.199 ug/l
 RT: 11.23 min Scan# 1530
 Delta R.T. -0.01 min
 Lab File: VW008332.D
 Acq: 17 Jan 2019 17:05

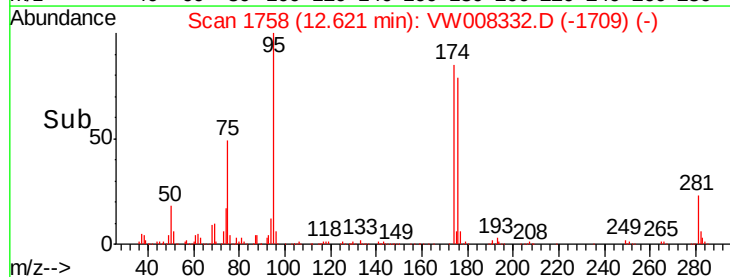
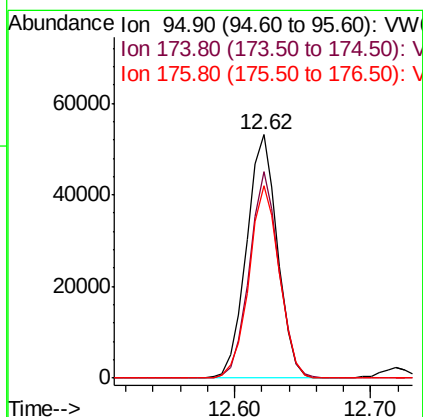
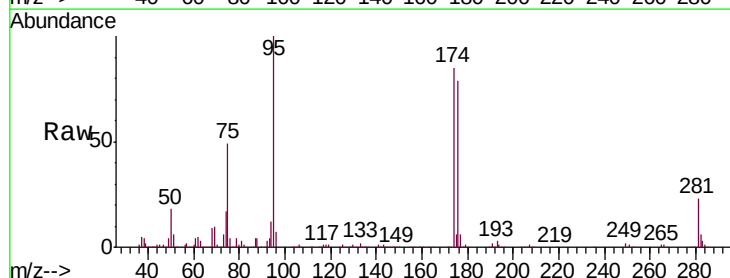
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0117SBSD01

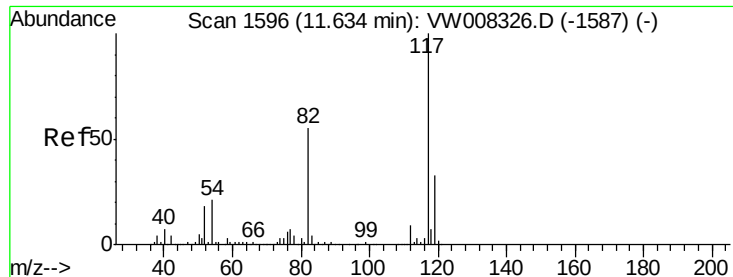
Tgt Ion: 107 Resp: 18045
 Ion Ratio Lower Upper
 107 100
 109 92.6 74.0 111.0



#62
 4-Bromofluorobenzene
 Concen: 52.130 ug/l
 RT: 12.62 min Scan# 1758
 Delta R.T. -0.00 min
 Lab File: VW008332.D
 Acq: 17 Jan 2019 17:05

Tgt Ion: 95 Resp: 84525
 Ion Ratio Lower Upper
 95 100
 174 80.9 0.0 166.0
 176 77.7 0.0 160.0

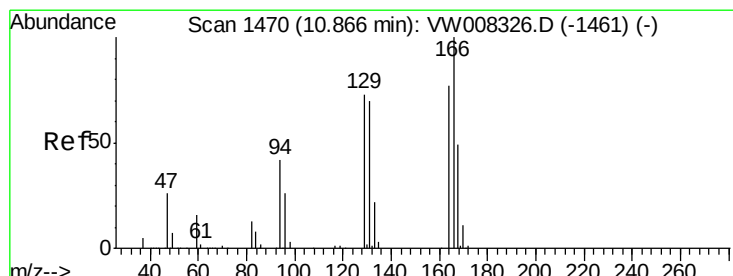
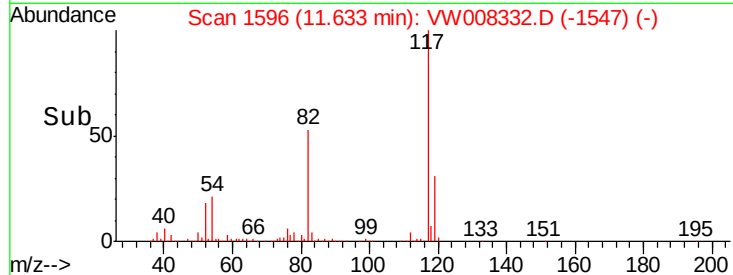
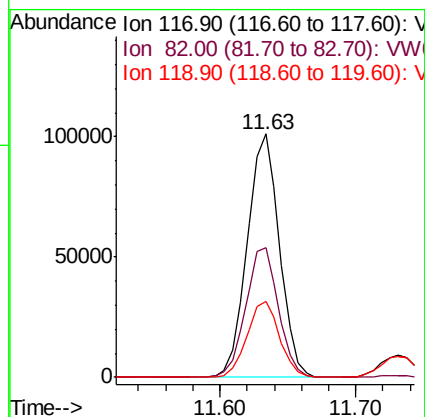
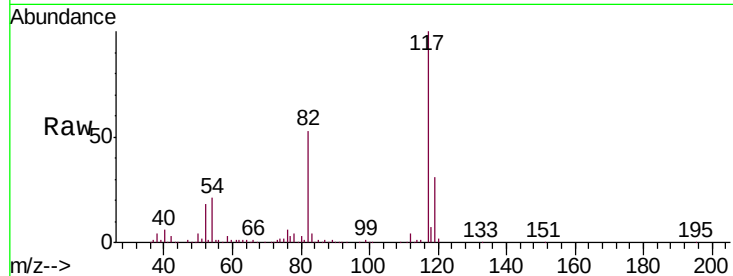




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW008332.D
Acq: 17 Jan 2019 17:05

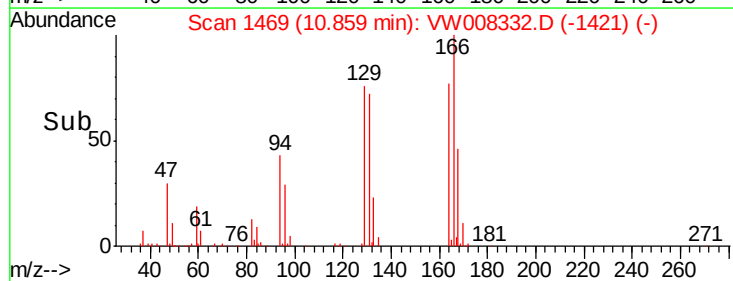
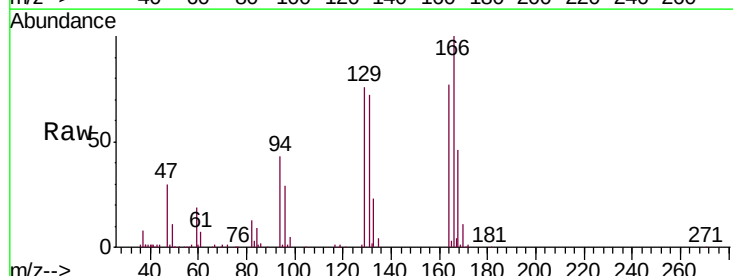
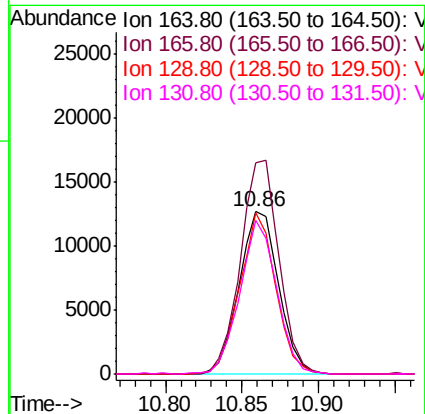
Instrument :
MSVOA_W
ClientSampleId :
VW0117SBS01

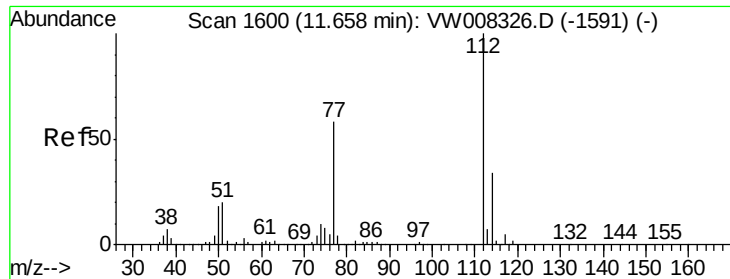
Tgt Ion:117 Resp: 167288
Ion Ratio Lower Upper
117 100
82 53.4 44.3 66.5
119 31.2 26.3 39.5



#64
Tetrachloroethene
Concen: 19.378 ug/l
RT: 10.86 min Scan# 1469
Delta R.T. -0.01 min
Lab File: VW008332.D
Acq: 17 Jan 2019 17:05

Tgt Ion:164 Resp: 22730
Ion Ratio Lower Upper
164 100
166 130.6 103.4 155.2
129 99.2 75.0 112.6
131 94.5 72.9 109.3

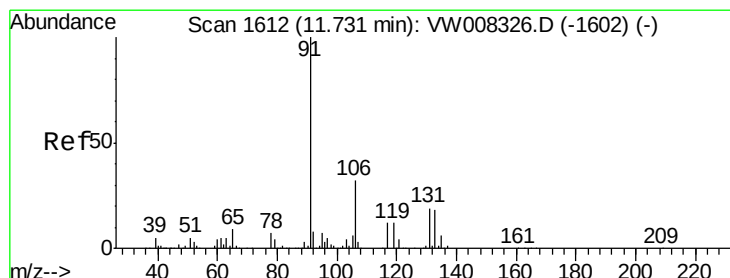
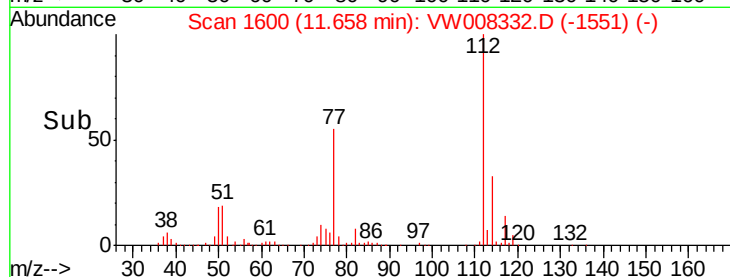
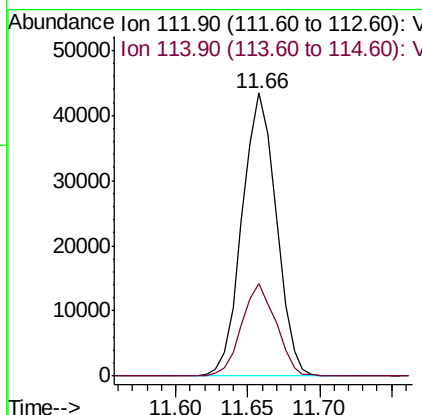
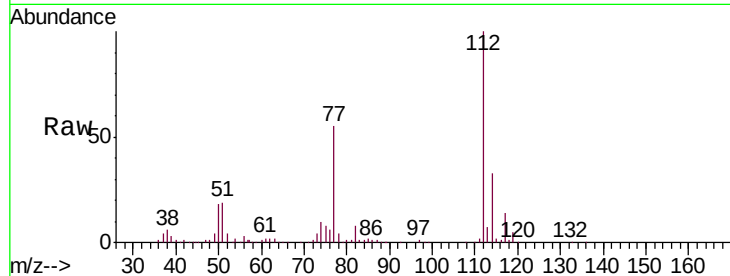




#65
Chlorobenzene
Concen: 19.585 ug/l
RT: 11.66 min Scan# 1600
Delta R.T. -0.00 min
Lab File: VW008332.D
Acq: 17 Jan 2019 17:05

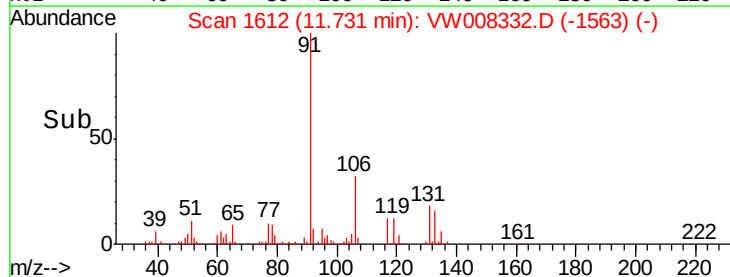
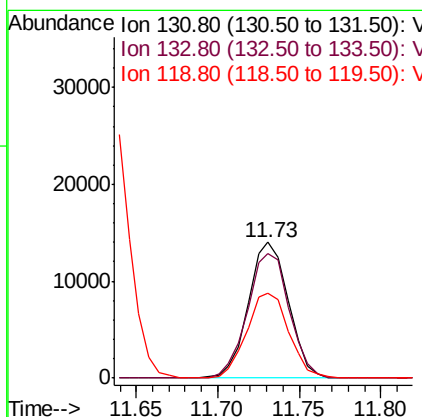
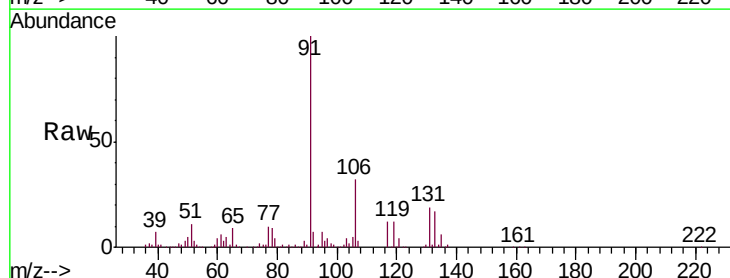
Instrument :
MSVOA_W
ClientSampleId :
VW0117SBSD01

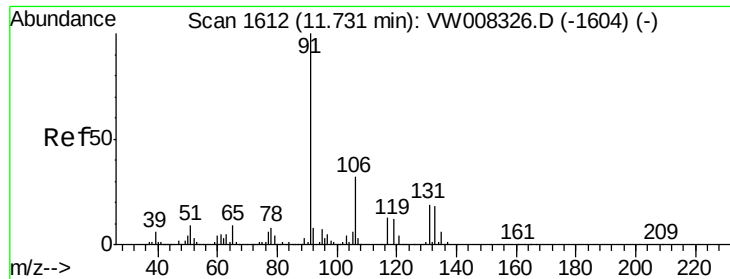
Tgt Ion:112 Resp: 71463
Ion Ratio Lower Upper
112 100
114 32.6 26.9 40.3



#66
1,1,1,2-Tetrachloroethane
Concen: 19.130 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. -0.00 min
Lab File: VW008332.D
Acq: 17 Jan 2019 17:05

Tgt Ion:131 Resp: 24025
Ion Ratio Lower Upper
131 100
133 95.8 48.2 144.6
119 65.7 31.6 94.7

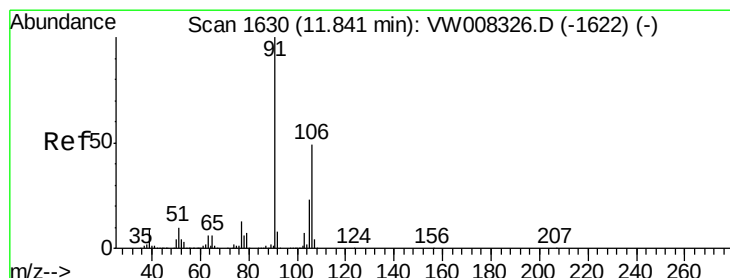
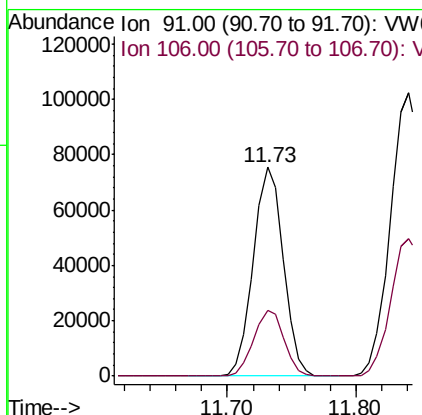
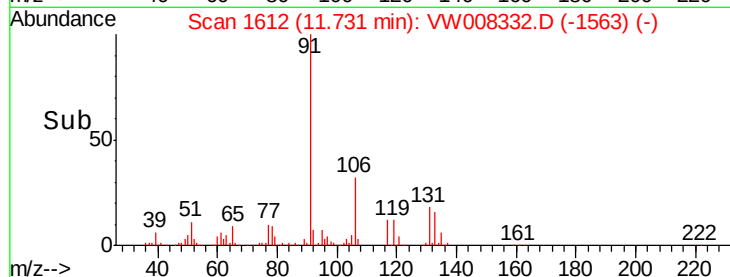
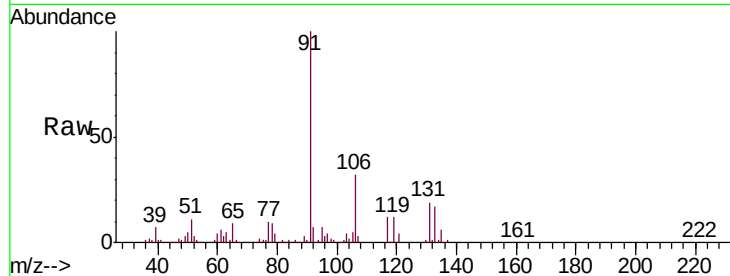




#67
Ethyl Benzene
Concen: 19.124 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. -0.00 min
Lab File: VW008332.D
Acq: 17 Jan 2019 17:05

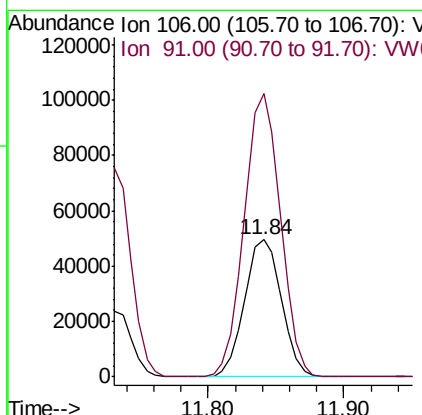
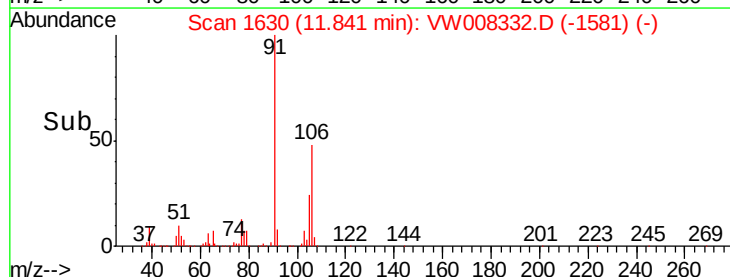
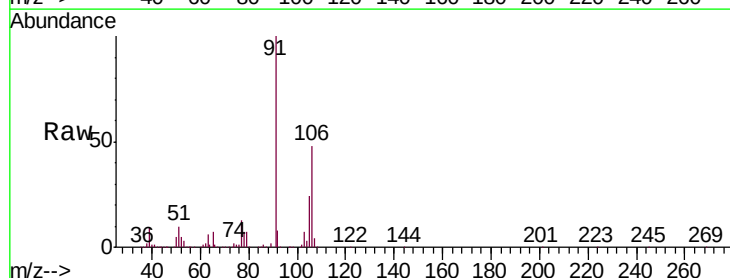
Instrument :
MSVOA_W
ClientSampleId :
VW0117SBSD01

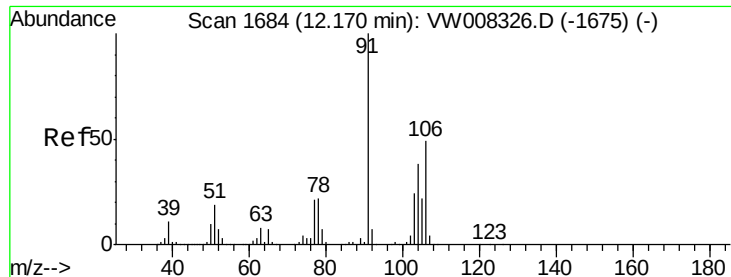
Tgt Ion: 91 Resp: 121166
Ion Ratio Lower Upper
91 100
106 31.5 25.4 38.2



#68
m/p-Xylenes
Concen: 38.332 ug/l
RT: 11.84 min Scan# 1630
Delta R.T. -0.00 min
Lab File: VW008332.D
Acq: 17 Jan 2019 17:05

Tgt Ion: 106 Resp: 94265
Ion Ratio Lower Upper
106 100
91 203.8 158.4 237.6

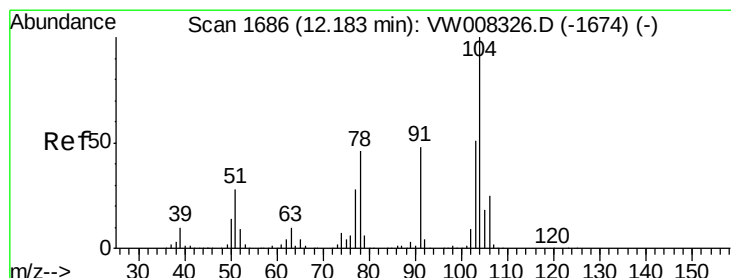
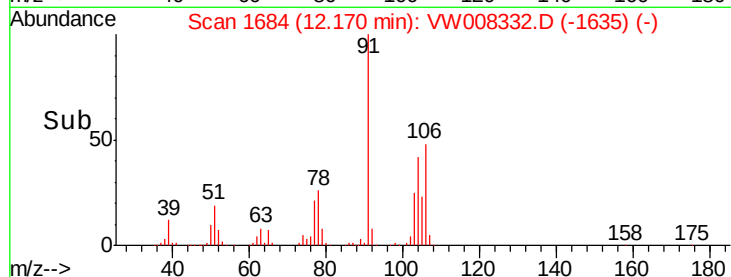
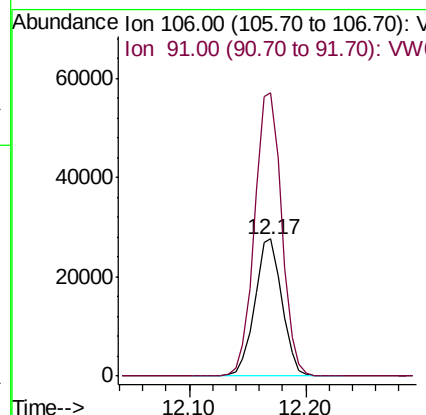
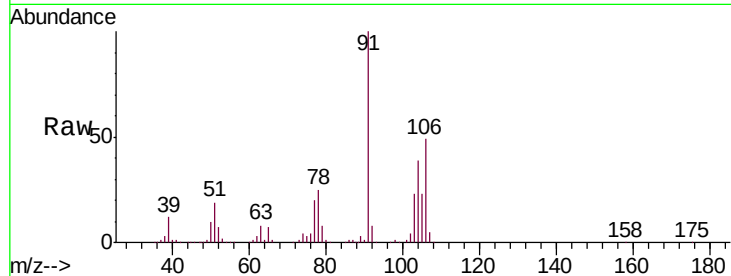




#69
o-Xylene
Concen: 19.632 ug/l
RT: 12.17 min Scan# 1684
Delta R.T. -0.00 min
Lab File: VW008332.D
Acq: 17 Jan 2019 17:05

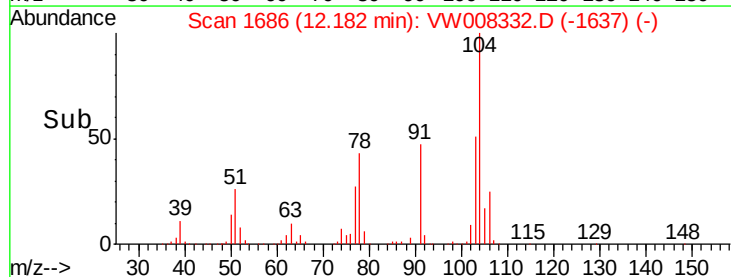
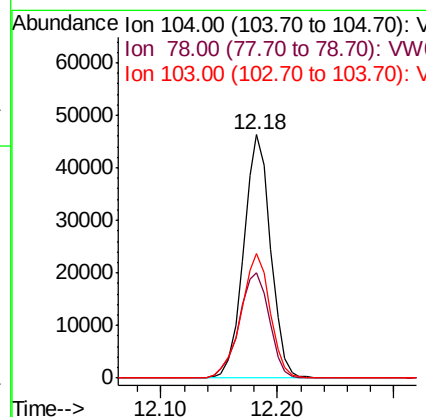
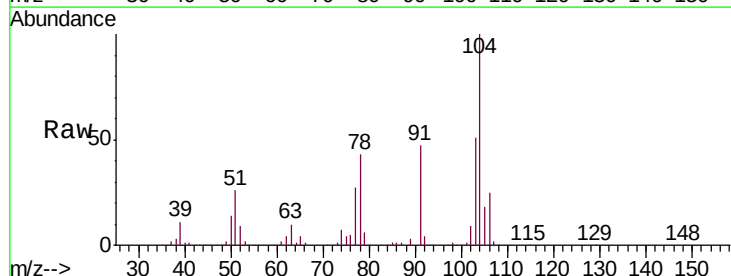
Instrument :
MSVOA_W
ClientSampleId :
VW0117SBSD01

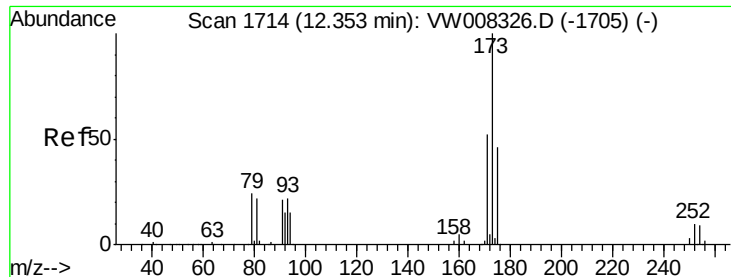
Tgt Ion:106 Resp: 45106
Ion Ratio Lower Upper
106 100
91 206.1 104.1 312.3



#70
Styrene
Concen: 20.238 ug/l
RT: 12.18 min Scan# 1686
Delta R.T. -0.00 min
Lab File: VW008332.D
Acq: 17 Jan 2019 17:05

Tgt Ion:104 Resp: 74687
Ion Ratio Lower Upper
104 100
78 48.5 39.8 59.6
103 55.1 44.0 66.0





#71

Bromoform

Concen: 20.095 ug/l

RT: 12.35 min Scan# 1713

Delta R.T. -0.01 min

Lab File: VW008332.D

Acq: 17 Jan 2019 17:05

Instrument :

MSVOA_W

ClientSampleId :

VW0117SBSD01

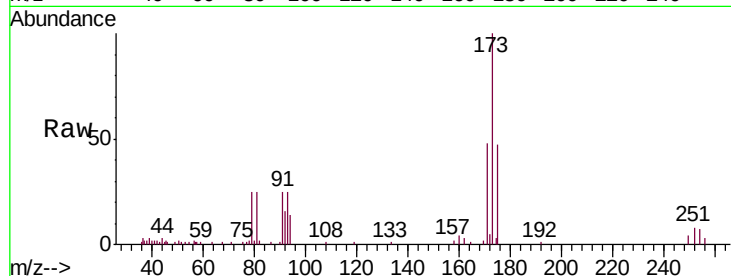
Tgt Ion:173 Resp: 12572

Ion Ratio Lower Upper

173 100

175 49.6 23.6 70.8

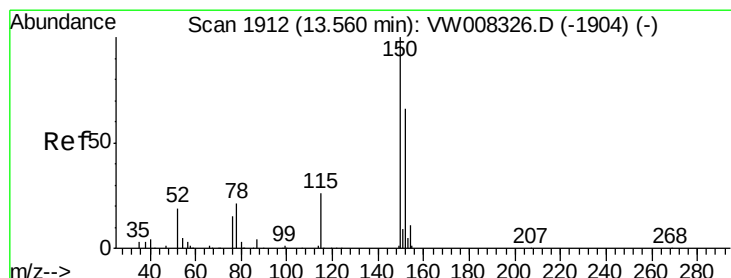
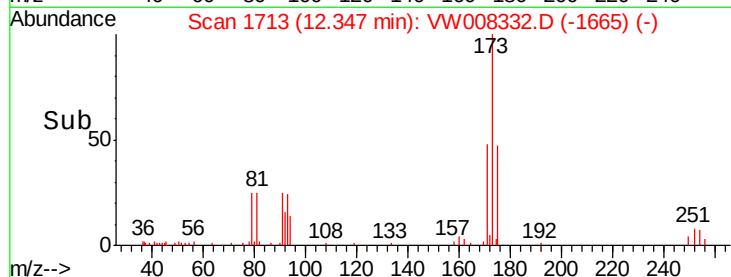
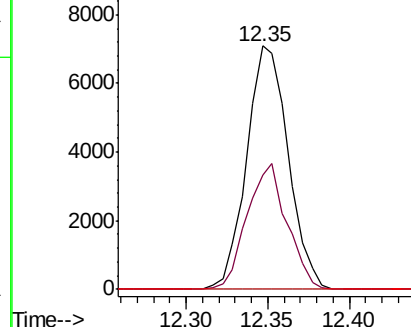
254 0.0 0.2 0.2#



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: VW008332.D

Acq: 17 Jan 2019 17:05

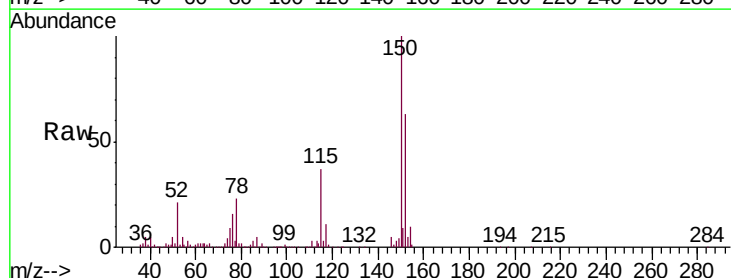
Tgt Ion:152 Resp: 85393

Ion Ratio Lower Upper

152 100

115 56.3 28.8 86.4

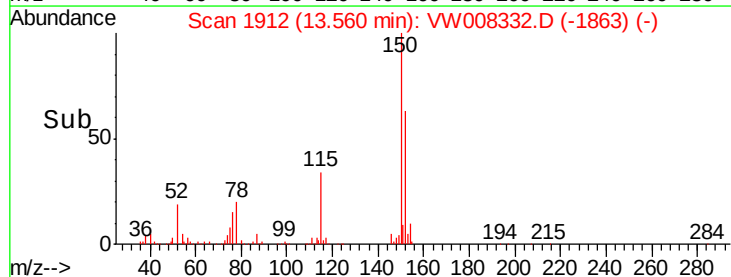
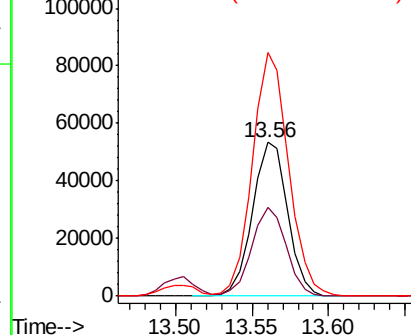
150 162.5 0.0 351.4

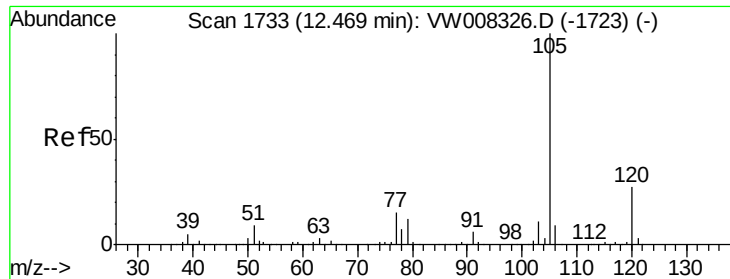


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 19.768 ug/l

RT: 12.47 min Scan# 1733

Delta R.T. -0.00 min

Lab File: VW008332.D

Acq: 17 Jan 2019 17:05

Instrument :

MSVOA_W

ClientSampleId :

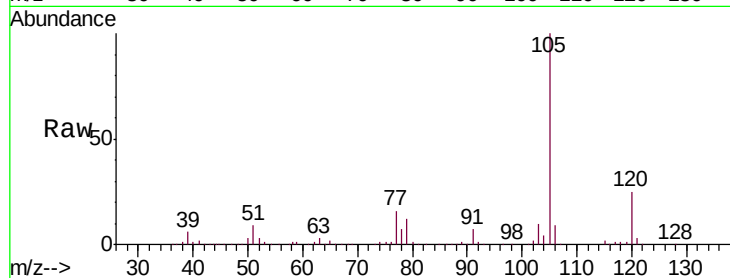
VW0117SBSD01

Tgt Ion: 105 Resp: 122996

Ion Ratio Lower Upper

105 100

120 26.1 13.6 40.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

80000

60000

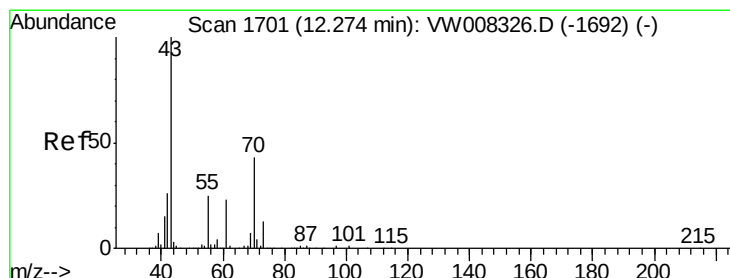
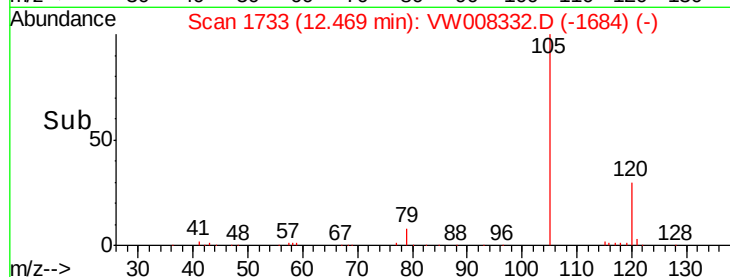
40000

20000

0

12.40 12.45 12.50 12.55

Time-->



#74

N-ethyl acetate

Concen: 19.697 ug/l

RT: 12.27 min Scan# 1701

Delta R.T. -0.00 min

Lab File: VW008332.D

Acq: 17 Jan 2019 17:05

Tgt Ion: 43 Resp: 26264

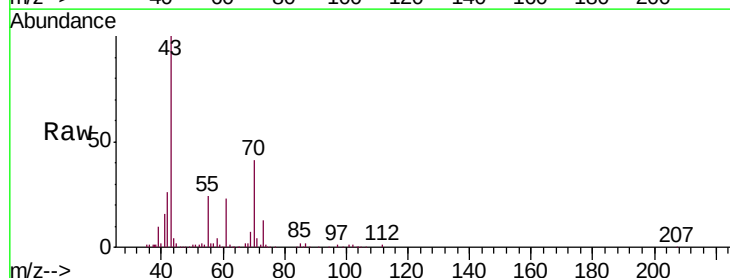
Ion Ratio Lower Upper

43 100

70 44.0 34.6 52.0

55 26.0 20.0 30.0

61 24.3 19.6 29.4



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 70.00 (69.70 to 70.70): VW

Ion 55.00 (54.70 to 55.70): VW

Ion 61.00 (60.70 to 61.70): VW

25000

20000

15000

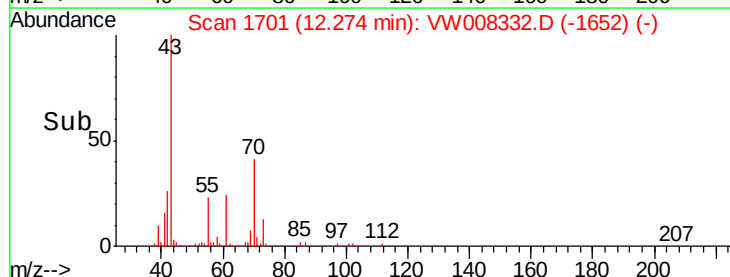
10000

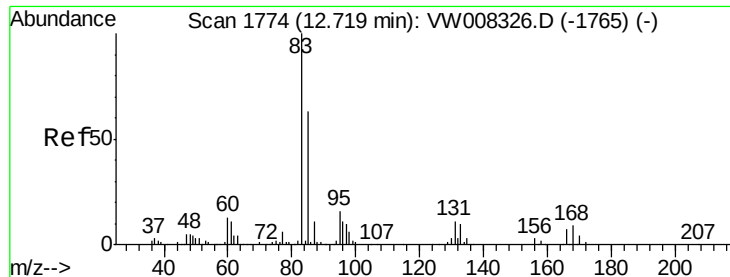
5000

0

12.20 12.30

Time-->





#75

1,1,2,2-Tetrachloroethane

Concen: 20.686 ug/l

RT: 12.71 min Scan# 1773

Delta R.T. -0.01 min

Lab File: VW008332.D

Acq: 17 Jan 2019 17:05

Instrument :

MSVOA_W

ClientSampled :

VW0117SBSD01

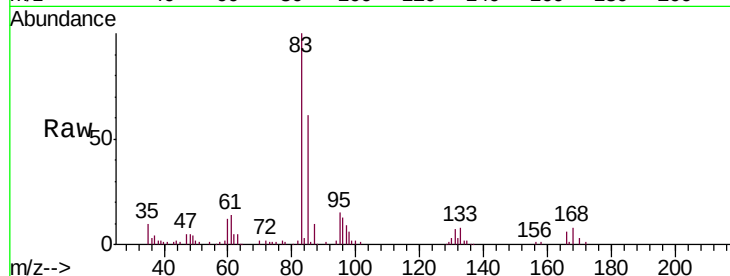
Tgt Ion: 83 Resp: 21892

Ion Ratio Lower Upper

83 100

131 10.9 5.5 16.5

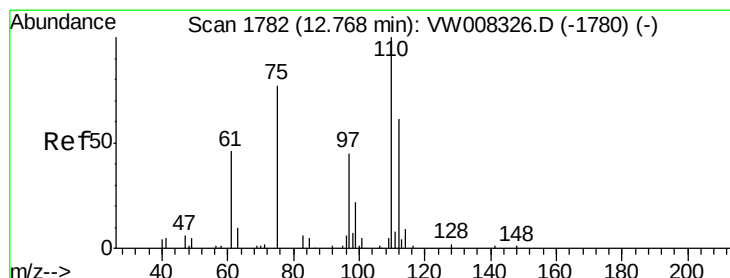
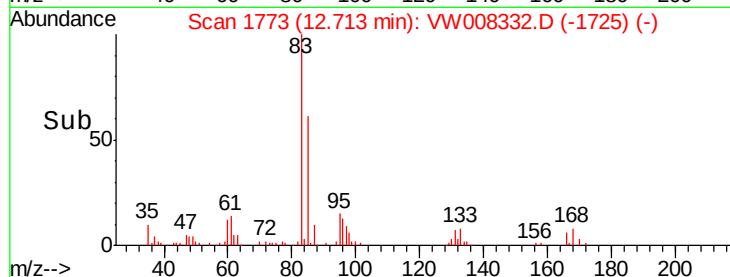
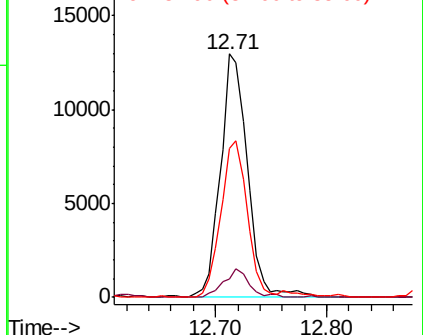
85 62.5 31.6 94.7



Abundance Ion 82.90 (82.60 to 83.60): VW

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VW



#76

1,2,3-Trichloropropane

Concen: 37.507 ug/l

RT: 12.77 min Scan# 1783

Delta R.T. 0.01 min

Lab File: VW008332.D

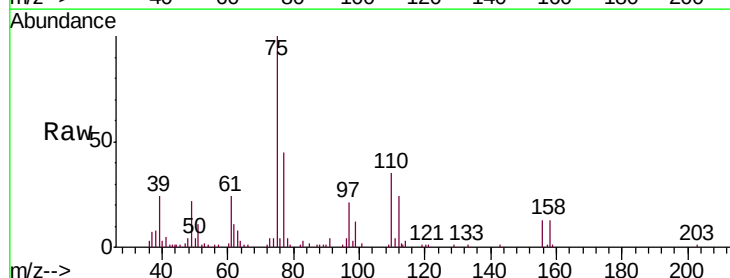
Acq: 17 Jan 2019 17:05

Tgt Ion: 75 Resp: 29167

Ion Ratio Lower Upper

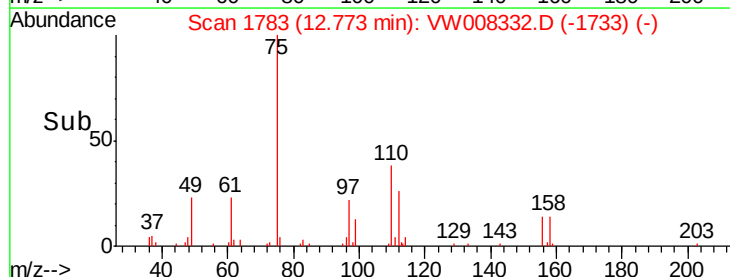
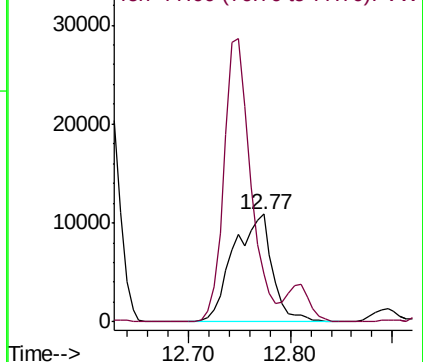
75 100

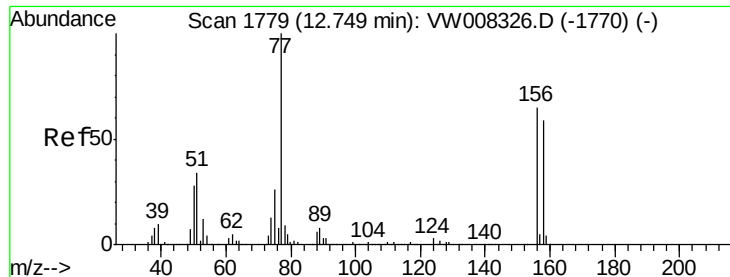
77 0.0 175.3 526.1#



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 77.00 (76.70 to 77.70): VW





#77

Bromobenzene

Concen: 18.767 ug/l

RT: 12.75 min Scan# 1779

Delta R.T. -0.00 min

Lab File: VW008332.D

Acq: 17 Jan 2019 17:05

Instrument :

MSVOA_W

ClientSampleId :

VW0117SBSD01

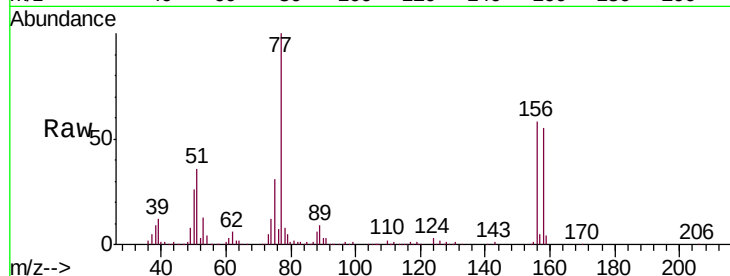
Tgt Ion:156 Resp: 28047

Ion Ratio Lower Upper

156 100

77 185.8 88.3 264.9

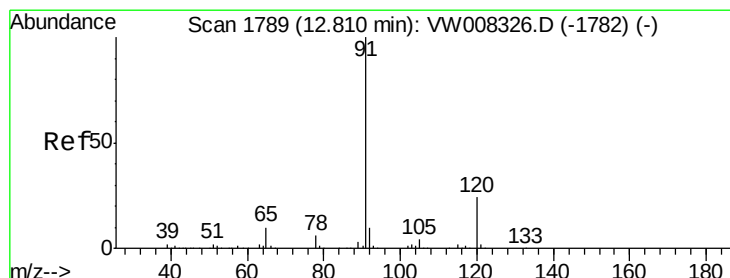
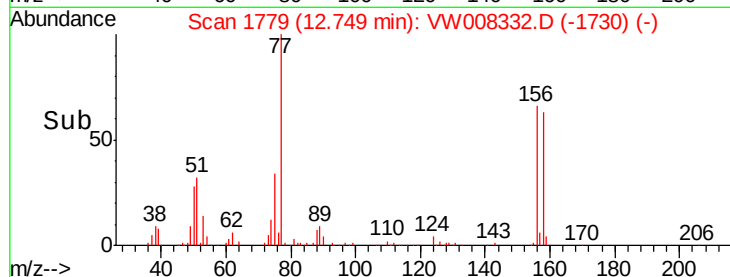
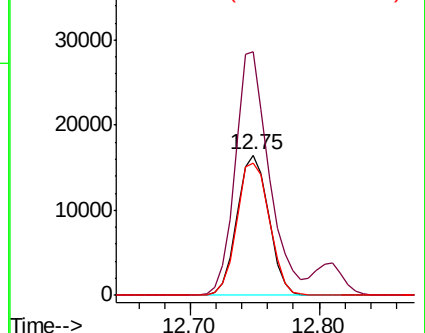
158 97.7 47.6 142.8



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: 19.573 ug/l

RT: 12.80 min Scan# 1788

Delta R.T. -0.01 min

Lab File: VW008332.D

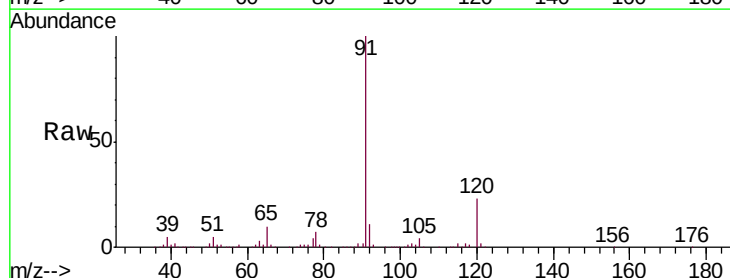
Acq: 17 Jan 2019 17:05

Tgt Ion: 91 Resp: 147406

Ion Ratio Lower Upper

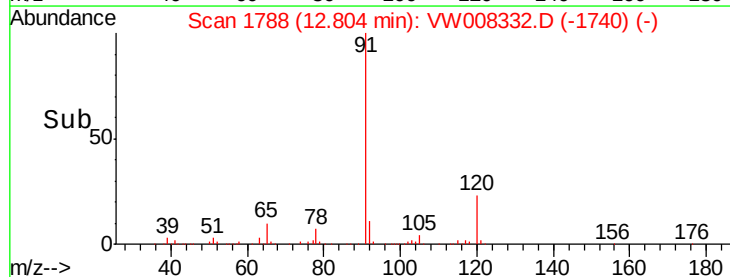
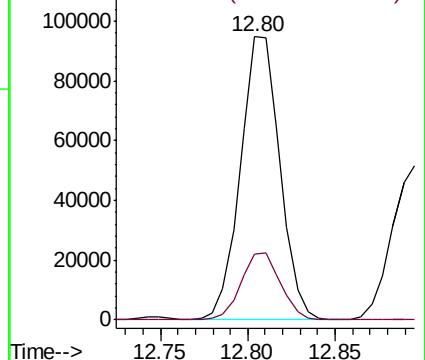
91 100

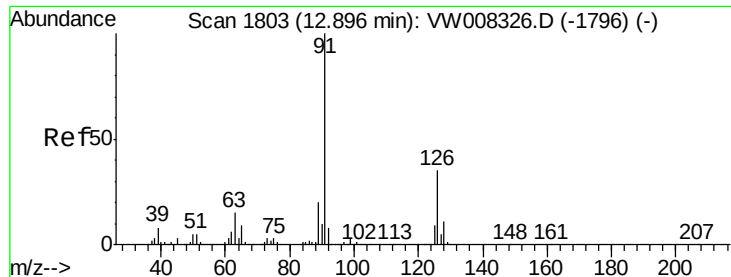
120 23.9 11.9 35.7



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 120.00 (119.70 to 120.70): V

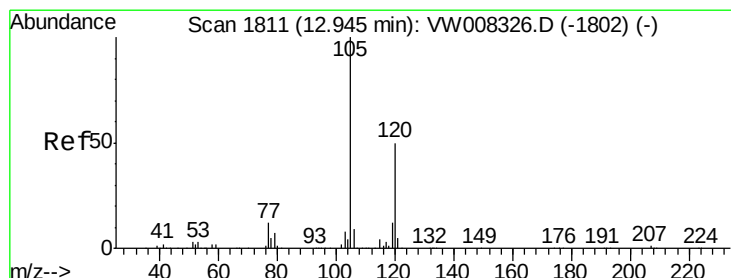
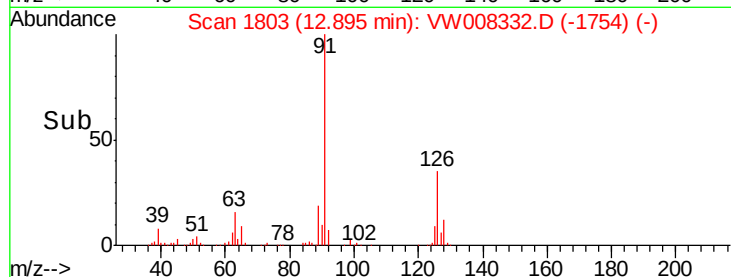
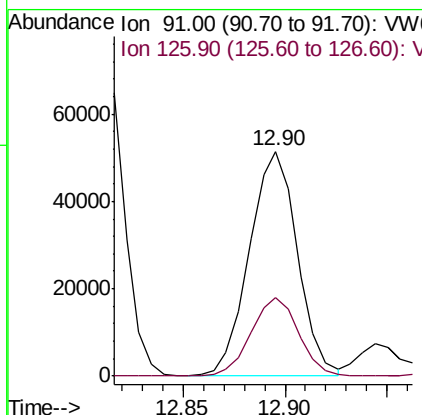
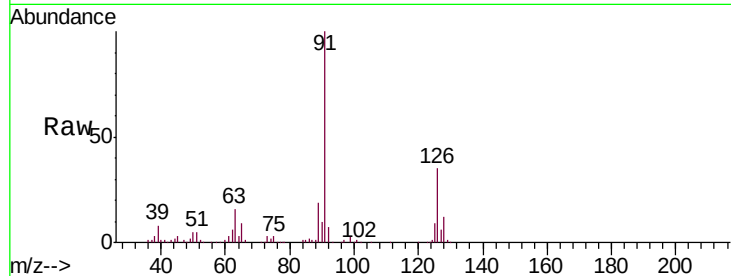




#79
 2-Chlorotoluene
 Concen: 19.484 ug/l
 RT: 12.90 min Scan# 1803
 Delta R.T. -0.00 min
 Lab File: VW008332.D
 Acq: 17 Jan 2019 17:05

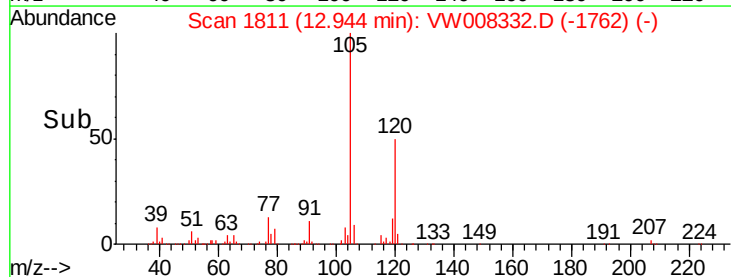
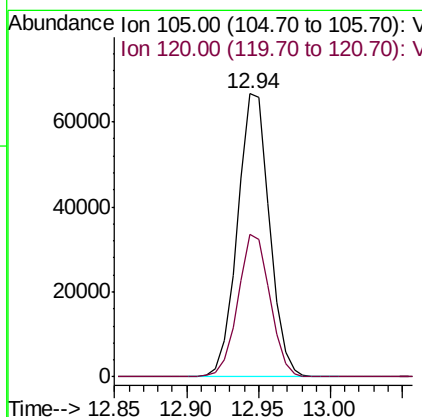
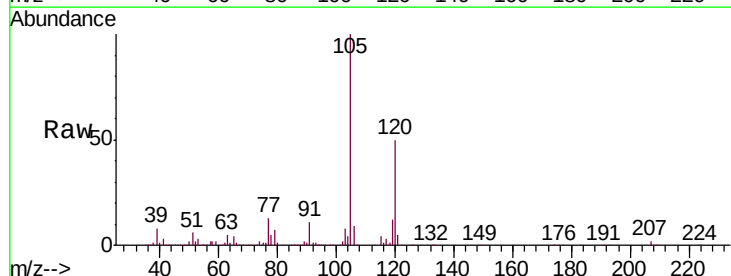
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0117SBSD01

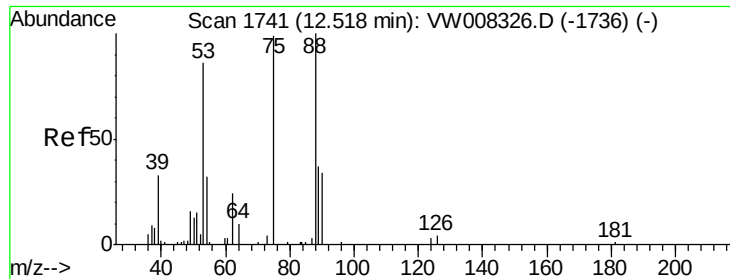
Tgt Ion: 91 Resp: 83836
 Ion Ratio Lower Upper
 91 100
 126 34.8 17.5 52.6



#80
 1,3,5-Trimethylbenzene
 Concen: 19.715 ug/l
 RT: 12.94 min Scan# 1811
 Delta R.T. -0.00 min
 Lab File: VW008332.D
 Acq: 17 Jan 2019 17:05

Tgt Ion: 105 Resp: 102360
 Ion Ratio Lower Upper
 105 100
 120 50.7 25.6 76.8





#81

trans-1,4-Dichloro-2-butene

Concen: 20.153 ug/l

RT: 12.52 min Scan# 1741

Delta R.T. -0.00 min

Lab File: VW008332.D

Acq: 17 Jan 2019 17:05

Instrument :

MSVOA_W

ClientSampleId :

VW0117SBSD01

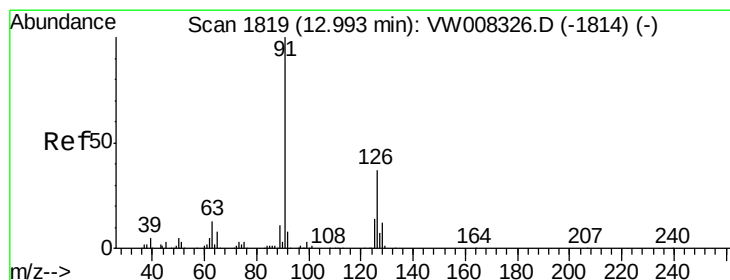
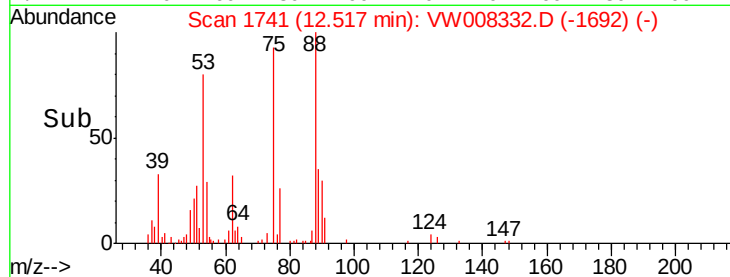
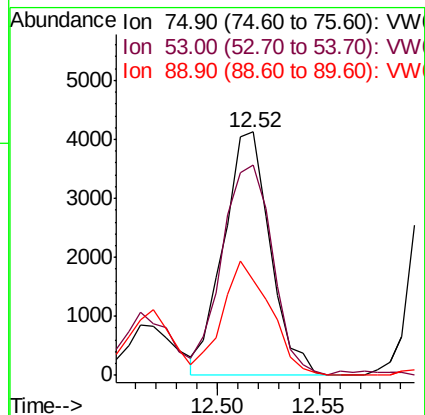
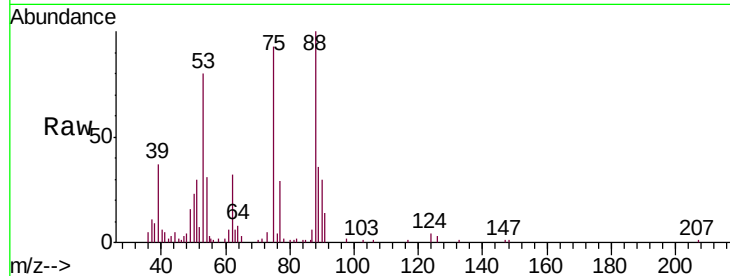
Tgt Ion: 75 Resp: 6567

Ion Ratio Lower Upper

75 100

53 93.5 76.2 114.4

89 48.5 36.7 55.1



#82

4-Chlorotoluene

Concen: 19.673 ug/l

RT: 12.99 min Scan# 1819

Delta R.T. -0.00 min

Lab File: VW008332.D

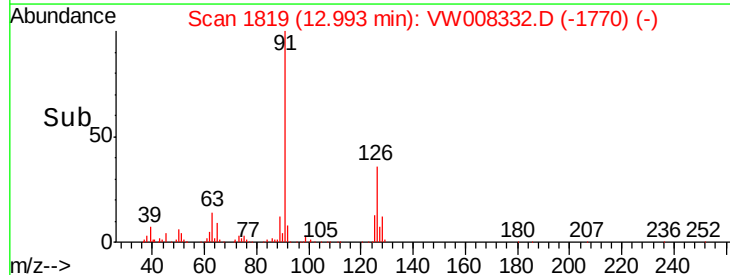
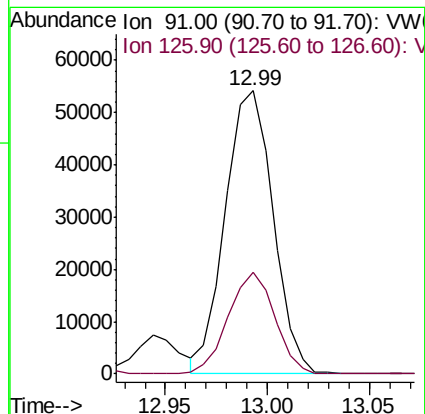
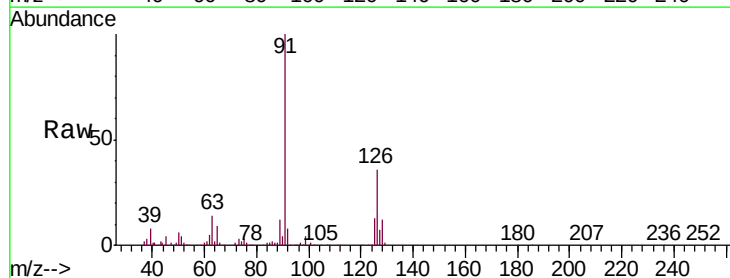
Acq: 17 Jan 2019 17:05

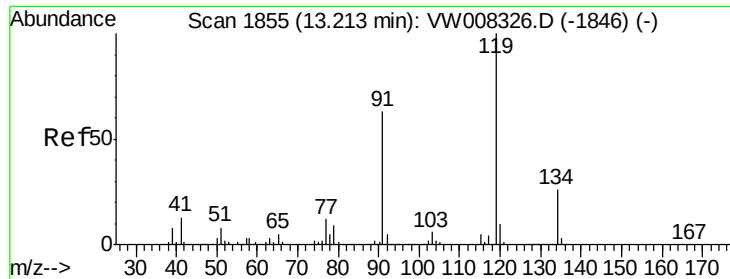
Tgt Ion: 91 Resp: 88458

Ion Ratio Lower Upper

91 100

126 34.8 17.8 53.3

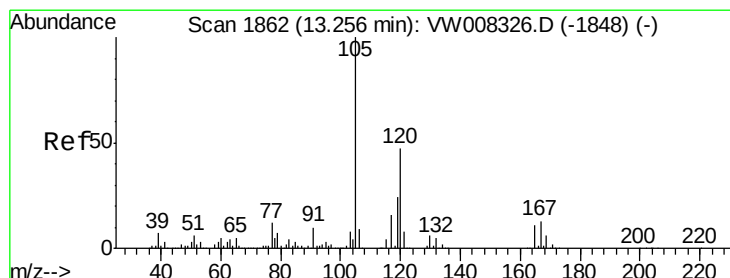
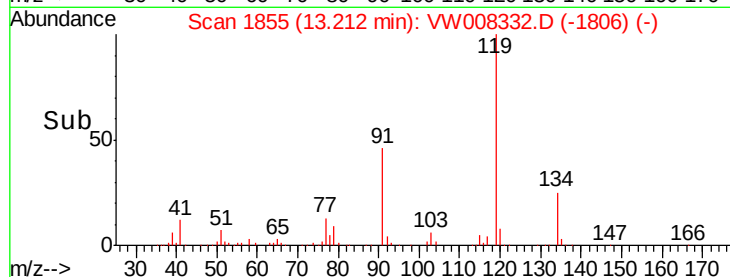
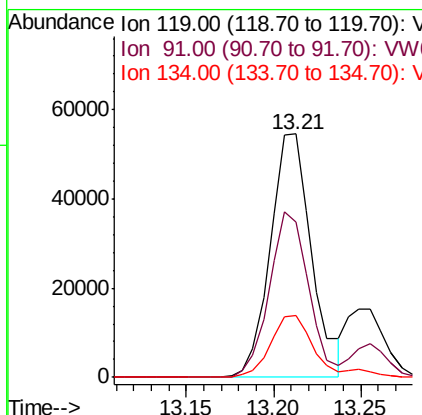
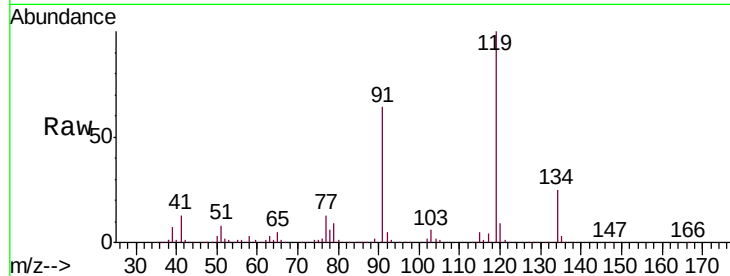




#83
 tert-Butylbenzene
 Concen: 19.708 ug/l
 RT: 13.21 min Scan# 1855
 Delta R.T. -0.00 min
 Lab File: VW008332.D
 Acq: 17 Jan 2019 17:05

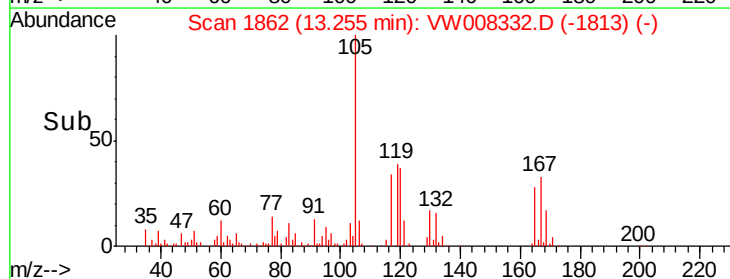
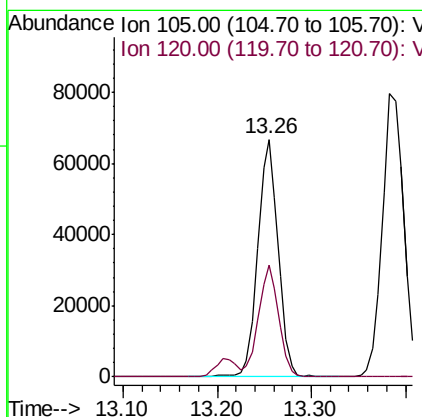
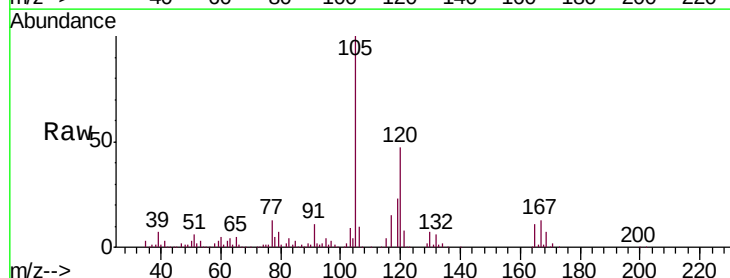
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0117SBSD01

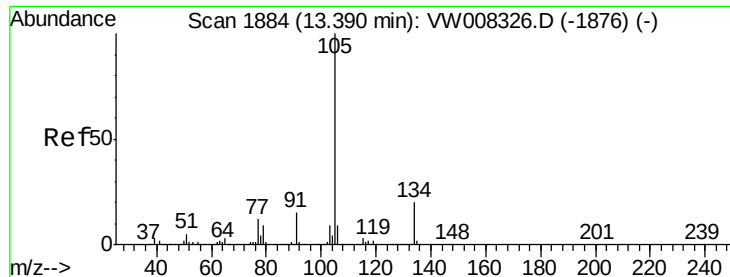
Tgt Ion:119 Resp: 90062
 Ion Ratio Lower Upper
 119 100
 91 65.0 32.4 97.0
 134 25.9 13.9 41.7



#84
 1,2,4-Trimethylbenzene
 Concen: 19.308 ug/l
 RT: 13.26 min Scan# 1862
 Delta R.T. -0.00 min
 Lab File: VW008332.D
 Acq: 17 Jan 2019 17:05

Tgt Ion:105 Resp: 102125
 Ion Ratio Lower Upper
 105 100
 120 46.9 23.5 70.6





#85

sec-Butylbenzene

Concen: 19.177 ug/l

RT: 13.38 min Scan# 1883

Delta R.T. -0.01 min

Lab File: VW008332.D

Acq: 17 Jan 2019 17:05

Instrument :

MSVOA_W

ClientSampleId :

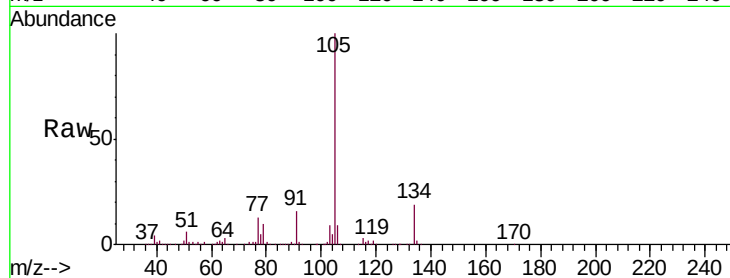
VW0117SBSD01

Tgt Ion:105 Resp: 125823

Ion Ratio Lower Upper

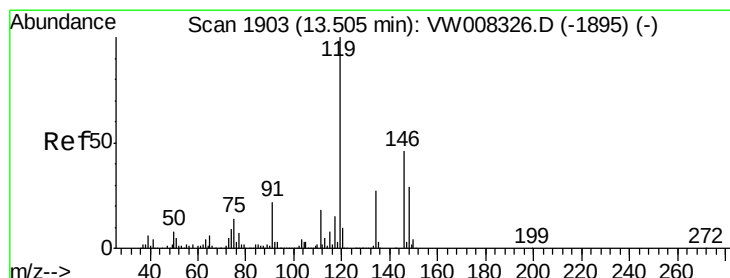
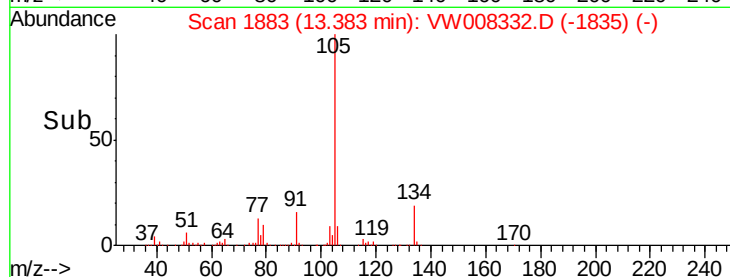
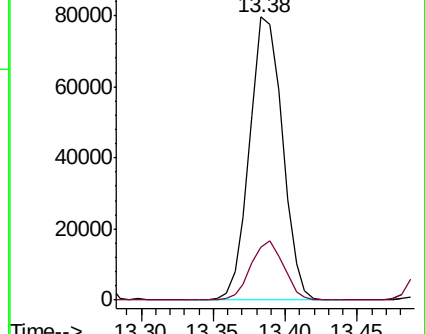
105 100

134 20.7 10.1 30.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 19.542 ug/l

RT: 13.50 min Scan# 1902

Delta R.T. -0.01 min

Lab File: VW008332.D

Acq: 17 Jan 2019 17:05

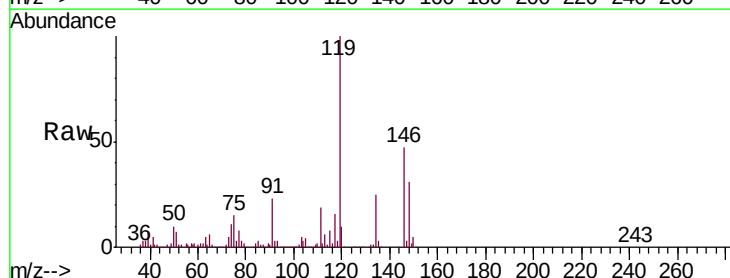
Tgt Ion:119 Resp: 111986

Ion Ratio Lower Upper

119 100

134 26.5 13.7 41.0

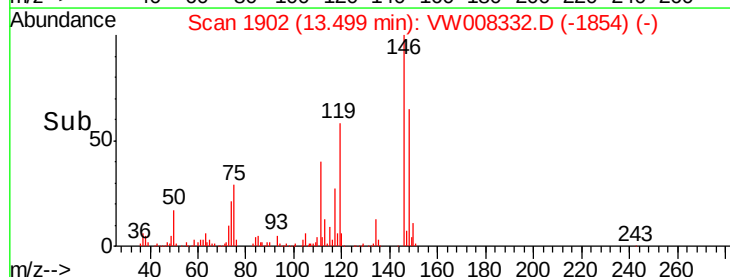
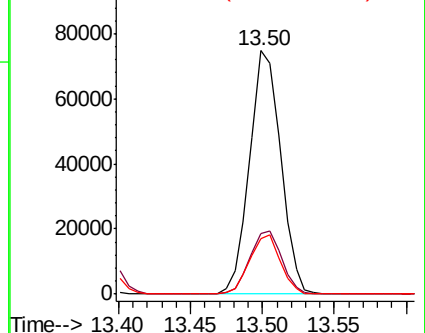
91 24.2 11.4 34.2

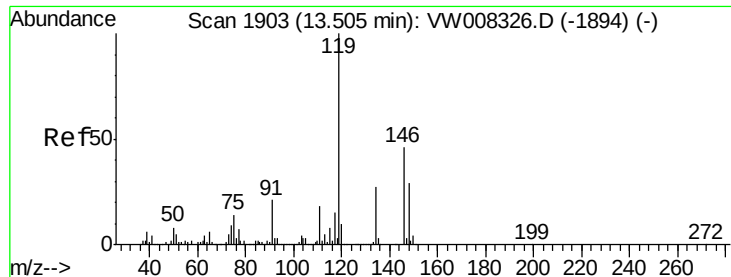


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

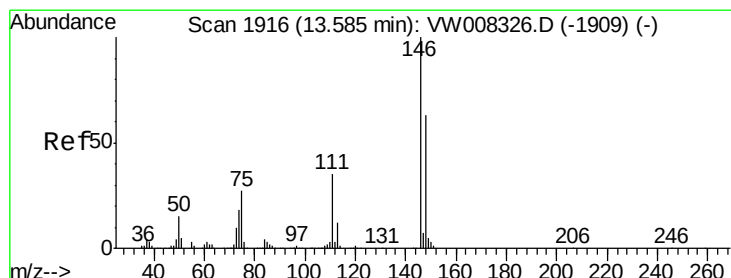
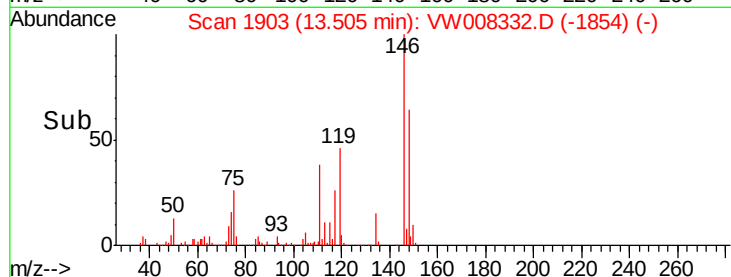
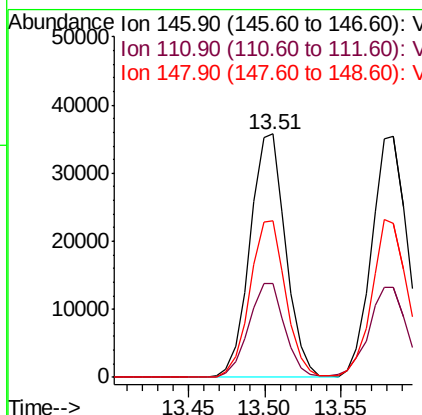
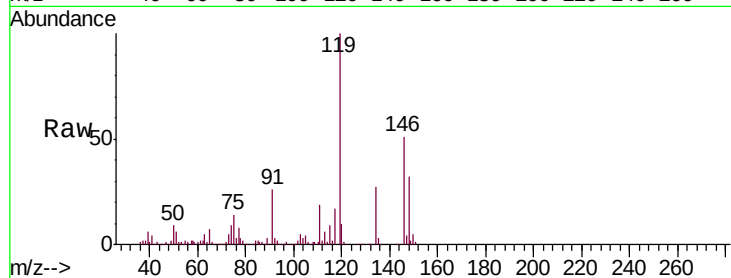




#87
 1,3-Dichlorobenzene
 Concen: 19.533 ug/l
 RT: 13.51 min Scan# 1903
 Delta R.T. -0.00 min
 Lab File: VW008332.D
 Acq: 17 Jan 2019 17:05

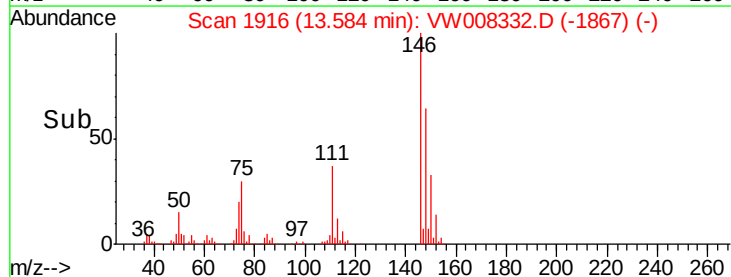
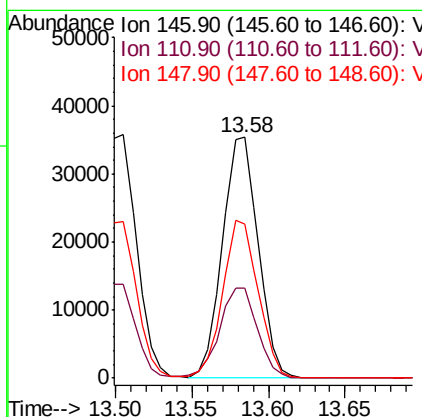
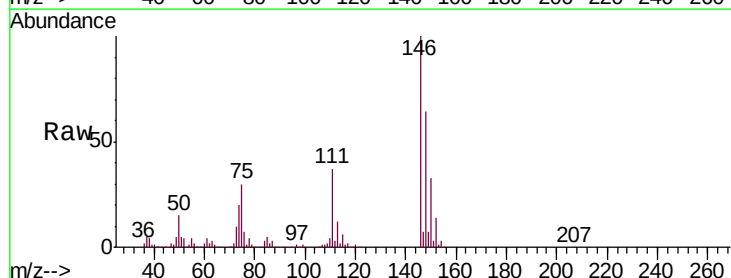
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0117SBSD01

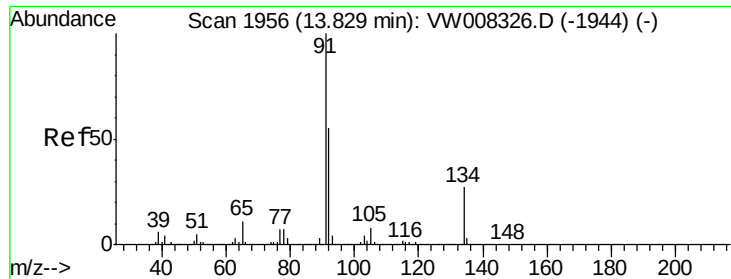
Tgt Ion:146 Resp: 58001
 Ion Ratio Lower Upper
 146 100
 111 38.9 19.9 59.7
 148 64.7 31.4 94.3



#88
 1,4-Dichlorobenzene
 Concen: 19.258 ug/l
 RT: 13.58 min Scan# 1916
 Delta R.T. -0.00 min
 Lab File: VW008332.D
 Acq: 17 Jan 2019 17:05

Tgt Ion:146 Resp: 57291
 Ion Ratio Lower Upper
 146 100
 111 40.0 18.9 56.5
 148 64.9 31.6 94.8





#89

n-Butylbenzene

Concen: 19.828 ug/l

RT: 13.83 min Scan# 1956

Delta R.T. -0.00 min

Lab File: VW008332.D

Acq: 17 Jan 2019 17:05

Instrument :

MSVOA_W

ClientSampleId :

VW0117SBSD01

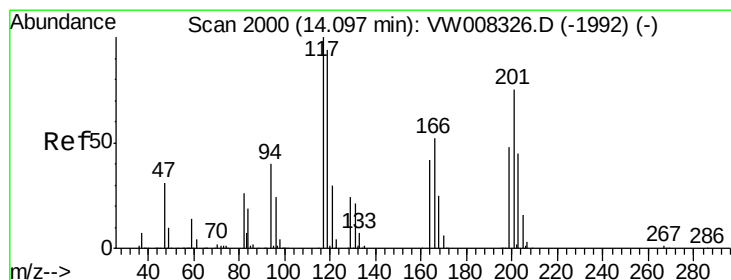
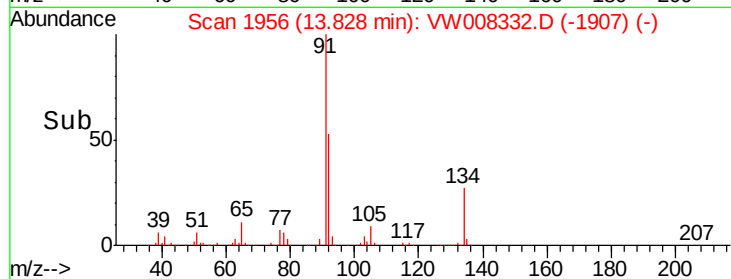
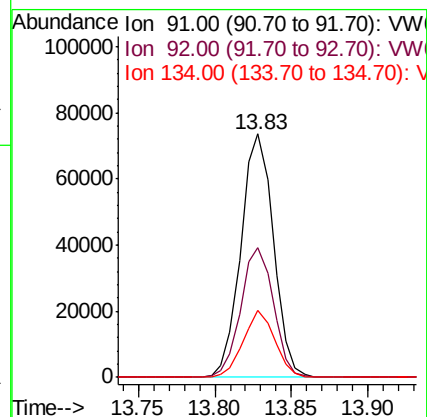
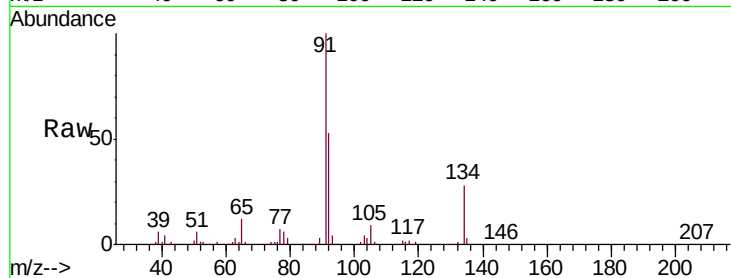
Tgt Ion: 91 Resp: 108992

Ion Ratio Lower Upper

91 100

92 53.4 27.2 81.6

134 26.6 13.4 40.1



#90

Hexachloroethane

Concen: 18.754 ug/l

RT: 14.10 min Scan# 2000

Delta R.T. -0.00 min

Lab File: VW008332.D

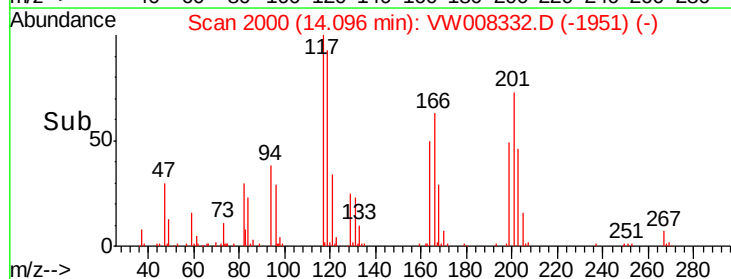
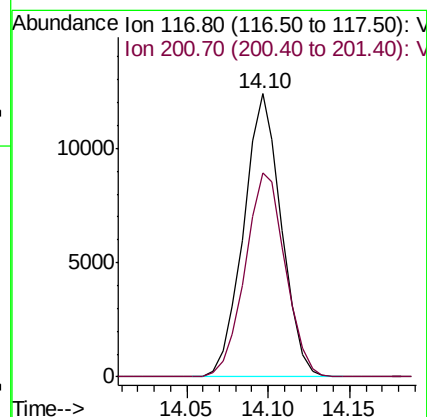
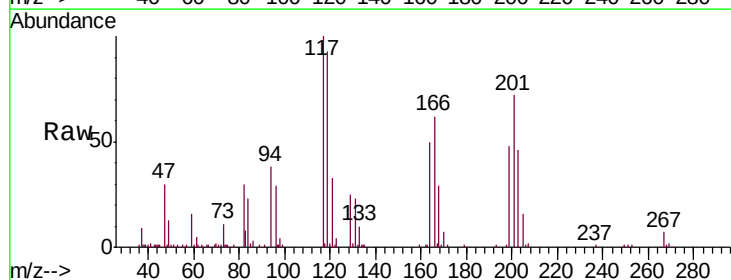
Acq: 17 Jan 2019 17:05

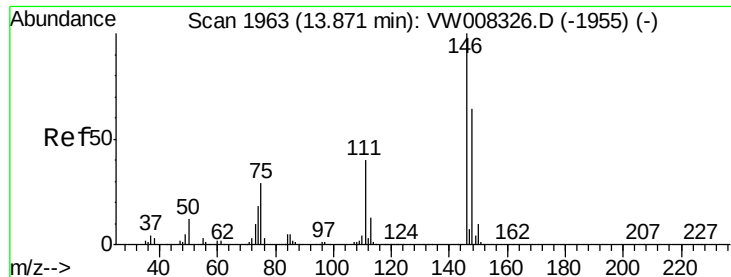
Tgt Ion: 117 Resp: 19889

Ion Ratio Lower Upper

117 100

201 76.7 39.3 117.9

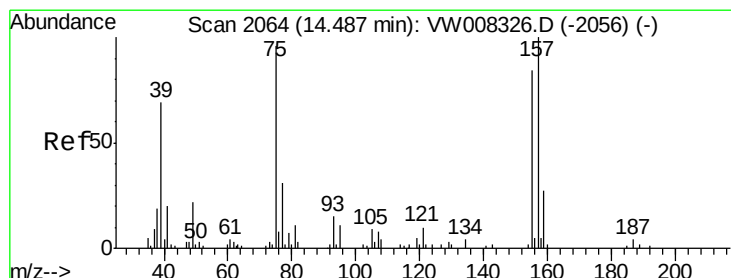
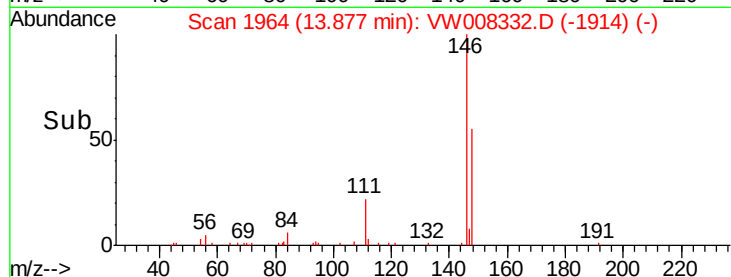
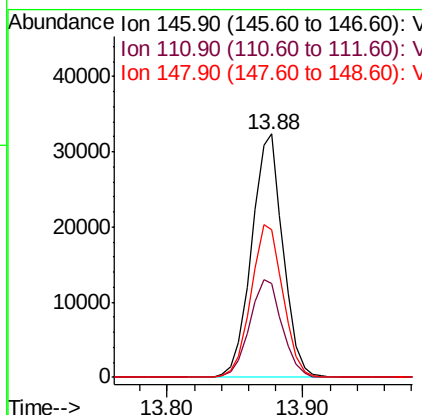
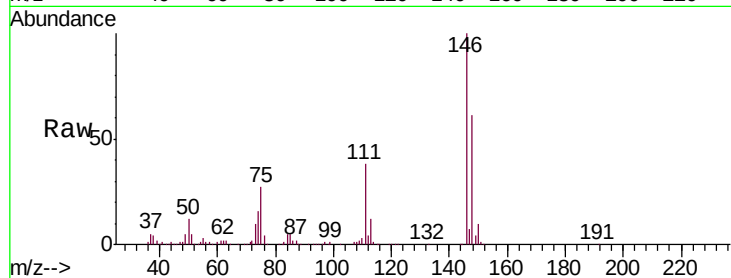




#91
 1,2-Dichlorobenzene
 Concen: 19.932 ug/l
 RT: 13.88 min Scan# 1964
 Delta R.T. 0.01 min
 Lab File: VW008332.D
 Acq: 17 Jan 2019 17:05

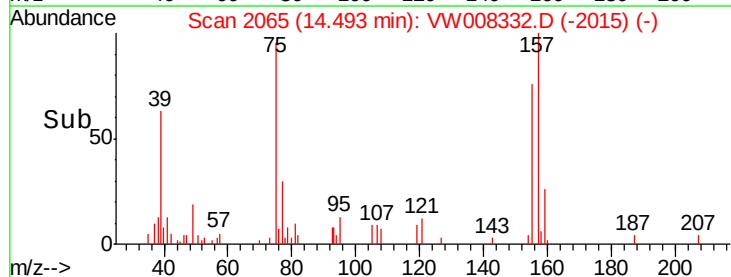
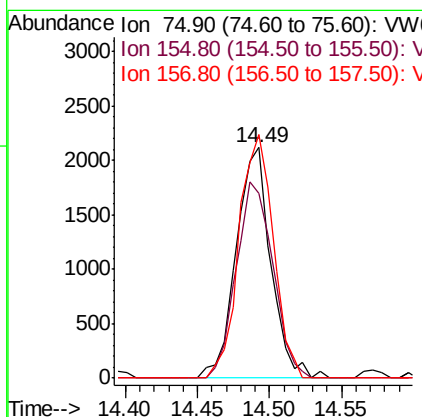
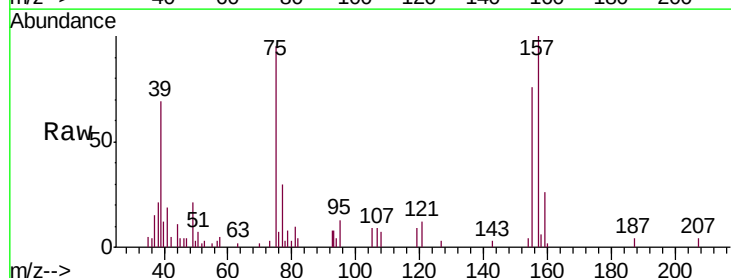
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0117SBSD01

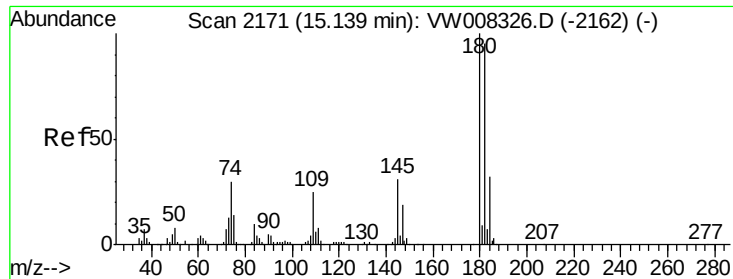
Tgt Ion:146 Resp: 52255
 Ion Ratio Lower Upper
 146 100
 111 41.5 19.6 58.8
 148 63.9 31.7 95.1



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 20.468 ug/l
 RT: 14.49 min Scan# 2065
 Delta R.T. 0.01 min
 Lab File: VW008332.D
 Acq: 17 Jan 2019 17:05

Tgt Ion: 75 Resp: 3542
 Ion Ratio Lower Upper
 75 100
 155 90.5 44.7 134.1
 157 104.5 53.9 161.8

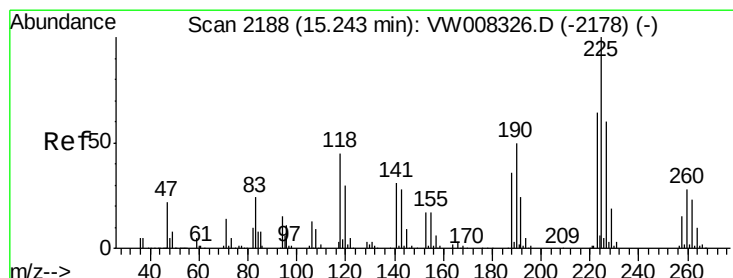
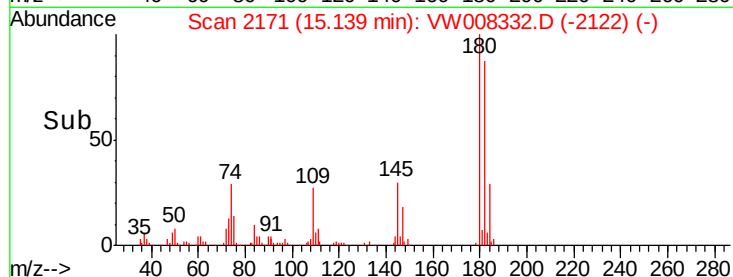
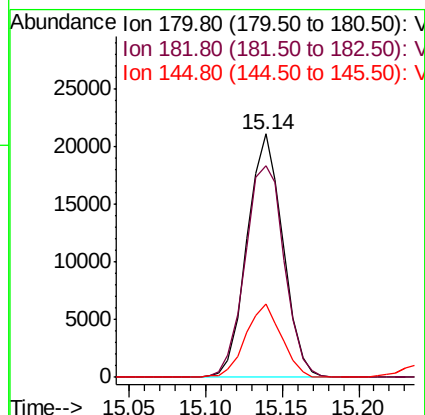
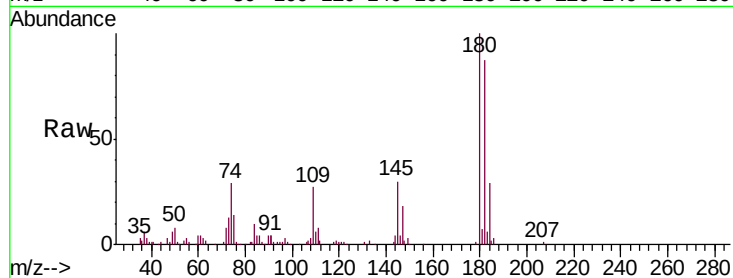




#93
1,2,4-Trichlorobenzene
Concen: 19.309 ug/l
RT: 15.14 min Scan# 2171
Delta R.T. -0.00 min
Lab File: VW008332.D
Acq: 17 Jan 2019 17:05

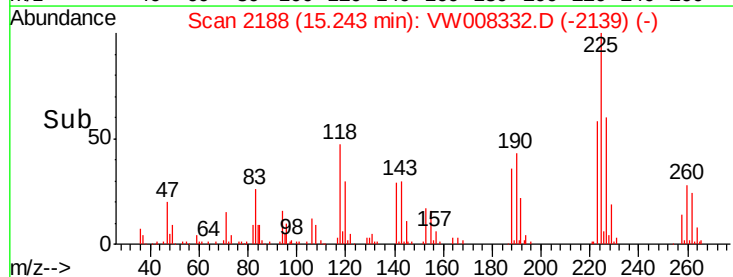
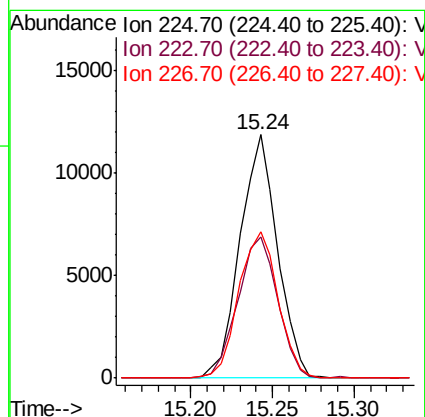
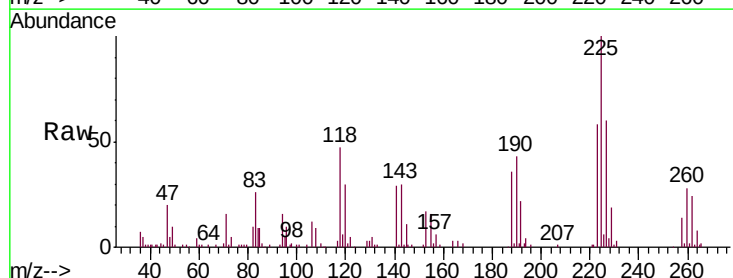
Instrument :
MSVOA_W
ClientSampleId :
VW0117SBSD01

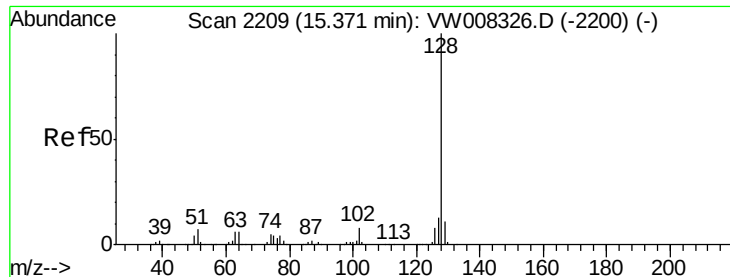
Tgt Ion:180 Resp: 34268
Ion Ratio Lower Upper
180 100
182 95.5 47.6 142.8
145 30.2 14.8 44.4



#94
Hexachlorobutadiene
Concen: 18.933 ug/l
RT: 15.24 min Scan# 2188
Delta R.T. -0.00 min
Lab File: VW008332.D
Acq: 17 Jan 2019 17:05

Tgt Ion:225 Resp: 18937
Ion Ratio Lower Upper
225 100
223 61.8 31.1 93.3
227 63.4 30.3 90.8

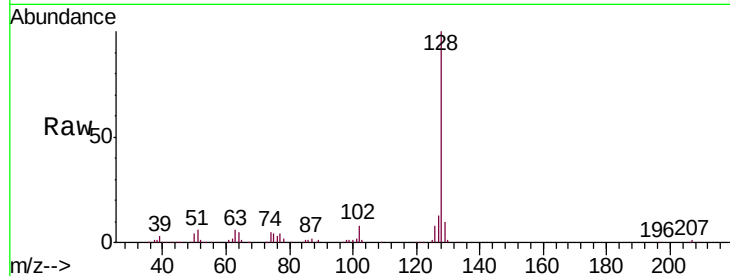




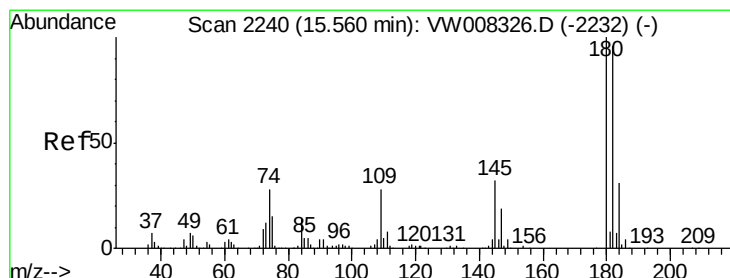
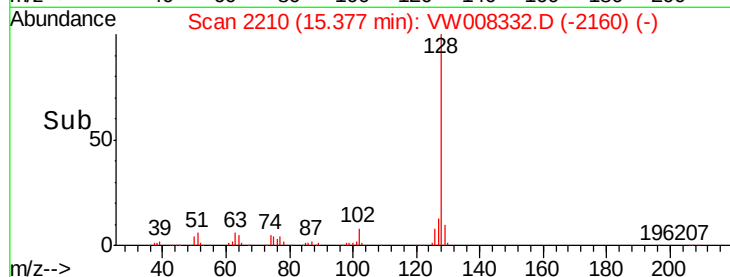
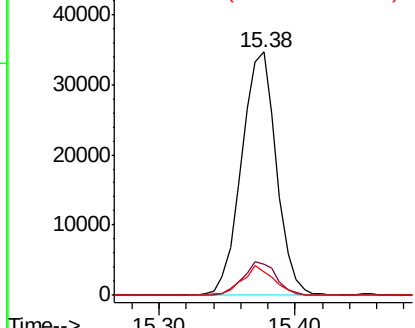
#95
Naphthalene
Concen: 20.377 ug/l
RT: 15.38 min Scan# 2210
Delta R.T. 0.01 min
Lab File: VW008332.D
Acq: 17 Jan 2019 17:05

Instrument :
MSVOA_W
ClientSampleId :
VW0117SBSD01

Tgt Ion:128 Resp: 62047
Ion Ratio Lower Upper
128 100
127 13.5 10.5 15.7
129 10.8 8.8 13.2

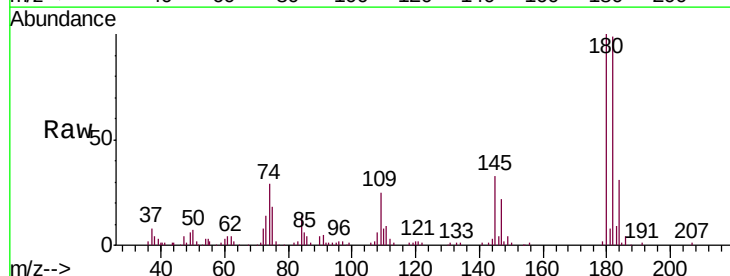


Abundance Ion 128.00 (127.70 to 128.70): V
Ion 127.00 (126.70 to 127.70): V
Ion 129.00 (128.70 to 129.70): V



#96
1,2,3-Trichlorobenzene
Concen: 19.152 ug/l
RT: 15.56 min Scan# 2240
Delta R.T. -0.00 min
Lab File: VW008332.D
Acq: 17 Jan 2019 17:05

Tgt Ion:180 Resp: 29606
Ion Ratio Lower Upper
180 100
182 98.4 47.3 141.9
145 32.2 16.2 48.6



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

