

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\WV121718\
 Data File : VW007568.D
 Acq On : 15 Dec 2018 07:32
 Operator : SY/AP
 Sample : J6391-07MS
 Misc : 4.51G/5ML/MSVOA_W/SOIL
 ALS Vial : 50 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 P001-SS016-0006-01MS

Quant Time: Dec 15 19:31:47 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W121118S.M
 Quant Title : SW846 8260
 QLast Update : Tue Dec 11 02:58:16 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	47707	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	76125	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	52203	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	16283	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	32664	61.72	ug/l	0.00
Spiked Amount	50.000		Recovery	=	123.44%	
35) Dibromofluoromethane	7.88	113	28504	61.86	ug/l	0.00
Spiked Amount	50.000		Recovery	=	123.72%	
50) Toluene-d8	10.32	98	87876	50.86	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.72%	
62) 4-Bromofluorobenzene	12.62	95	22653	35.66	ug/l	0.00
Spiked Amount	50.000		Recovery	=	71.32%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.01	85	18469	55.399	ug/l	100
3) Chloromethane	2.21	50	14450	51.754	ug/l	98
4) Vinyl Chloride	2.37	62	18949	57.832	ug/l	96
5) Bromomethane	2.78	94	7931	36.026	ug/l	87
6) Chloroethane	2.93	64	10495	58.188	ug/l	92
7) Trichlorofluoromethane	3.26	101	15696	53.283	ug/l	98
8) Diethyl Ether	3.68	74	15913	69.019	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	4.06	101	25049	51.534	ug/l	98
10) Methyl Iodide	4.27	142	23630	29.353	ug/l	98
11) Tert butyl alcohol	5.18	59	11367	312.713	ug/l	98
12) 1,1-Dichloroethene	4.03	96	26456	56.531	ug/l	93
14) Allyl chloride	4.67	41	30757	44.586	ug/l	100
15) Acrylonitrile	5.36	53	14550	149.699	ug/l	98
16) Acetone	4.12	43	31818	344.172	ug/l	95
17) Carbon Disulfide	4.38	76	70409	49.619	ug/l	99
18) Methyl Acetate	4.67	43	26552	105.821	ug/l	99
19) Methyl tert-butyl Ether	5.43	73	52407	74.231	ug/l	99
20) Methylene Chloride	4.91	84	32841	66.232	ug/l	94
21) trans-1,2-Dichloroethene	5.42	96	29466	56.284	ug/l	99
22) Diisopropyl ether	6.31	45	83799	63.199	ug/l	96
23) Vinyl Acetate	6.31	43	46303	62.432	ug/l #	72
24) 1,1-Dichloroethane	6.21	63	53914	60.161	ug/l	97
25) 2-Butanone	7.17	43	33148	274.652	ug/l	94
26) 2,2-Dichloropropane	7.17	77	32309	54.475	ug/l	99
27) cis-1,2-Dichloroethene	7.17	96	32194	56.162	ug/l	98
28) Bromochloromethane	7.51	49	19878	58.970	ug/l	98
29) Tetrahydrofuran	7.52	42	26691	349.334	ug/l	97
30) Chloroform	7.68	83	56733	58.174	ug/l	97
31) Cyclohexane	7.95	56	33983	41.331	ug/l	92
32) 1,1,1-Trichloroethane	7.87	97	47403	55.428	ug/l	99
36) 1,1-Dichloropropene	8.08	75	35808	51.564	ug/l	100
37) Ethyl Acetate	7.17	43	33148	128.338	ug/l #	1
38) Carbon Tetrachloride	8.07	117	42318	56.005	ug/l	95
39) Methylcyclohexane	9.34	83	32045	38.108	ug/l	93

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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
40) Benzene	8.32	78	112330	58.287	ug/l	98
41) Methacrylonitrile	7.53	41	18730	127.343	ug/l #	45
42) 1,2-Dichloroethane	8.40	62	40493	66.888	ug/l	100
43) Isopropyl Acetate	8.43	43	2221	4.353	ug/l #	59
44) Trichloroethene	9.09	130	28364	51.540	ug/l	96
45) 1,2-Dichloropropane	9.37	63	27443	61.535	ug/l	98
46) Dibromomethane	9.46	93	16865	66.591	ug/l	96
47) Bromodichloromethane	9.65	83	39156	58.942	ug/l	96
48) Methyl methacrylate	9.44	41	9915	37.840	ug/l	98
49) 1,4-Dioxane	9.45	88	5697	1386.351	ug/l	98
51) 4-Methyl-2-Pentanone	10.21	43	62628	259.795	ug/l	99
52) Toluene	10.39	92	63557	50.961	ug/l	99
53) t-1,3-Dichloropropene	10.60	75	26360	40.873	ug/l	96
54) cis-1,3-Dichloropropene	10.07	75	25906	34.747	ug/l	99
55) 1,1,2-Trichloroethane	10.79	97	21757	63.120	ug/l	96
56) Ethyl methacrylate	10.65	69	1280	3.090	ug/l #	70
57) 1,3-Dichloropropane	10.93	76	36135	63.870	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.93	63	39214	205.249	ug/l	99
59) 2-Hexanone	10.97	43	27088	168.517	ug/l	99
60) Dibromochloromethane	11.13	129	24464	56.239	ug/l	98
61) 1,2-Dibromoethane	11.24	107	17582	51.616	ug/l	94
64) Tetrachloroethene	10.87	164	19154	51.022	ug/l	95
65) Chlorobenzene	11.66	112	58658	53.910	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.73	131	24796	64.705	ug/l	99
67) Ethyl Benzene	11.73	91	102764	54.933	ug/l	94
68) m/p-Xylenes	11.84	106	76813	105.621	ug/l	99
69) o-Xylene	12.17	106	36528	53.781	ug/l	97
70) Styrene	12.18	104	51165	46.638	ug/l	98
71) Bromoform	12.35	173	12101	61.693	ug/l #	100
73) Isopropylbenzene	12.47	105	91233	73.123	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.72	83	19223	104.024	ug/l	95
76) 1,2,3-Trichloropropane	12.77	75	23578	175.617	ug/l #	1
77) Bromobenzene	12.75	156	20141	72.827	ug/l	92
78) n-propylbenzene	12.81	91	92347	65.768	ug/l	100
79) 2-Chlorotoluene	12.90	91	53114	62.516	ug/l	97
80) 1,3,5-Trimethylbenzene	12.94	105	68052	64.914	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.51	75	3399	55.925	ug/l	98
82) 4-Chlorotoluene	12.99	91	53808	60.082	ug/l	97
83) tert-Butylbenzene	13.21	119	61641	66.730	ug/l	99
84) 1,2,4-Trimethylbenzene	13.26	105	67243	62.331	ug/l	98
85) sec-Butylbenzene	13.39	105	72871	57.787	ug/l	96
86) p-Isopropyltoluene	13.50	119	63096	55.696	ug/l	99
87) 1,3-Dichlorobenzene	13.50	146	29084	52.746	ug/l	98
88) 1,4-Dichlorobenzene	13.58	146	29616	53.426	ug/l	97
89) n-Butylbenzene	13.83	91	44523	42.394	ug/l	98
90) Hexachloroethane	14.10	117	10544	52.309	ug/l	96
91) 1,2-Dichlorobenzene	13.87	146	26251	53.154	ug/l	97
92) 1,2-Dibromo-3-Chloropropan	14.49	75	3442	92.815	ug/l	95
93) 1,2,4-Trichlorobenzene	15.14	180	9204	27.080	ug/l	96
94) Hexachlorobutadiene	15.24	225	4908	27.216	ug/l	98

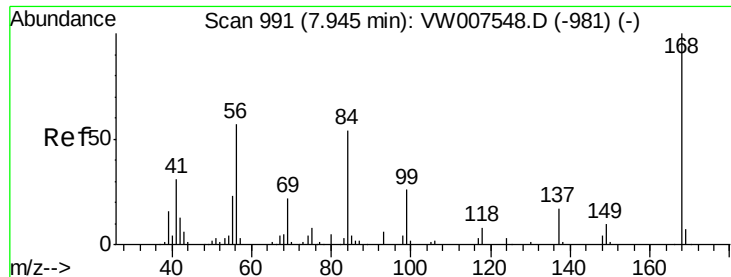
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Quant Title : SW846 8260
QLast Update : Tue Dec 11 02:58:16 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
95) Naphthalene	15.38	128	26035	40.042	ug/l	98
96) 1,2,3-Trichlorobenzene	15.56	180	7154	24.231	ug/l	91

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 992

Delta R.T. 0.00 min

Lab File: VW007568.D

Acq: 15 Dec 2018 07:32

Instrument :

MSVOA_W

ClientSampleId :

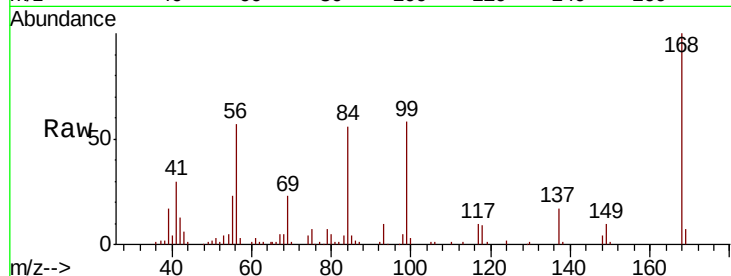
P001-SS016-0006-01MS

Tgt Ion:168 Resp: 47707

Ion Ratio Lower Upper

168 100

99 57.9 48.3 72.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

25000

20000

15000

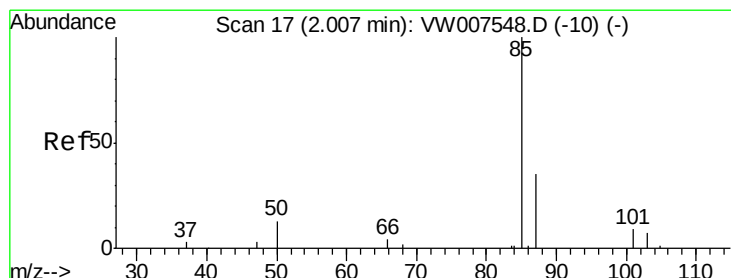
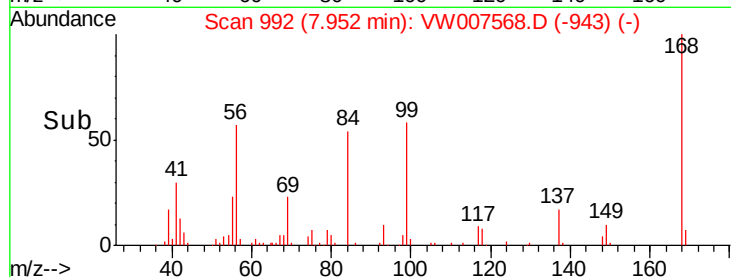
10000

5000

0

Time-->

7.85 7.90 7.95 8.00



#2

Dichlorodifluoromethane

Concen: 55.399 ug/l

RT: 2.01 min Scan# 18

Delta R.T. 0.01 min

Lab File: VW007568.D

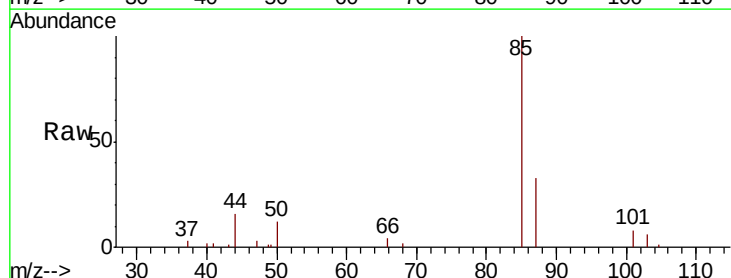
Acq: 15 Dec 2018 07:32

Tgt Ion: 85 Resp: 18469

Ion Ratio Lower Upper

85 100

87 32.9 16.6 49.7



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW

2.01

6000

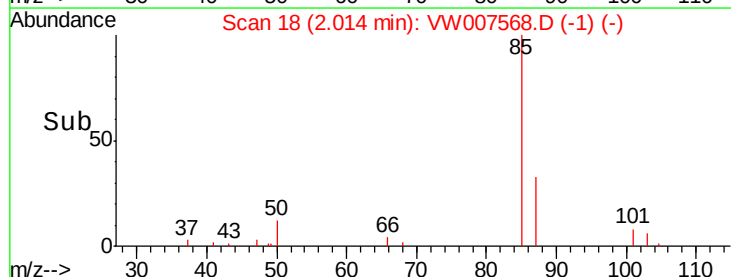
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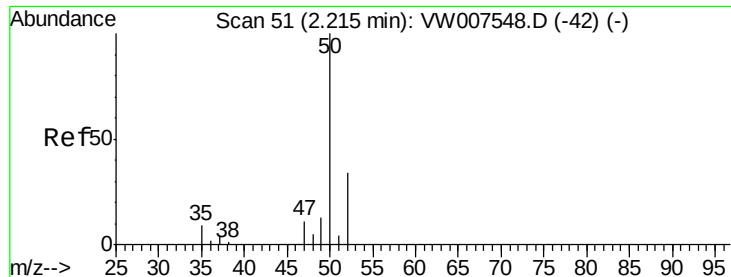
2000

0

Time-->

1.90 2.00 2.10 2.20





#3

Chloromethane

Concen: 51.754 ug/l

RT: 2.21 min Scan# 51

Delta R.T. -0.01 min

Lab File: VW007568.D

Acq: 15 Dec 2018 07:32

Instrument :

MSVOA_W

ClientSampleId :

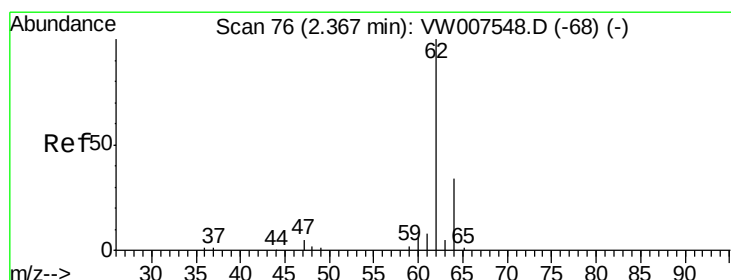
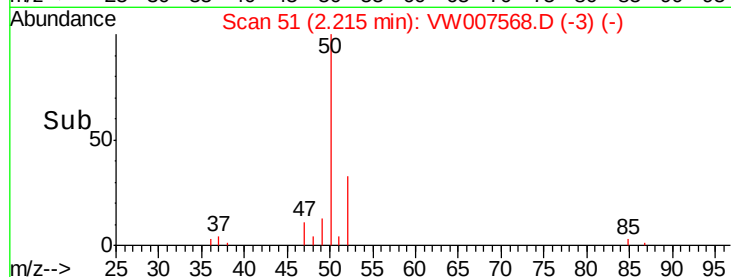
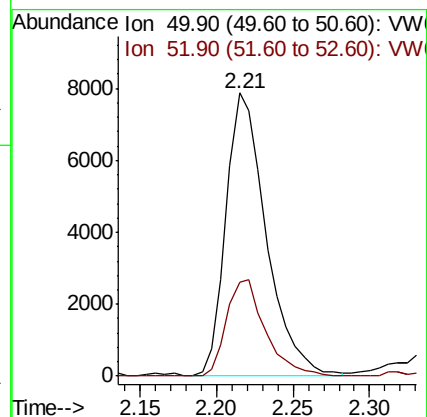
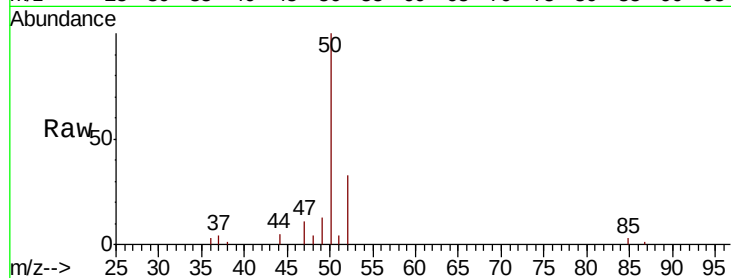
P001-SS016-0006-01MS

Tgt Ion: 50 Resp: 14450

Ion Ratio Lower Upper

50 100

52 33.2 27.4 41.0



#4

Vinyl Chloride

Concen: 57.832 ug/l

RT: 2.37 min Scan# 77

Delta R.T. 0.01 min

Lab File: VW007568.D

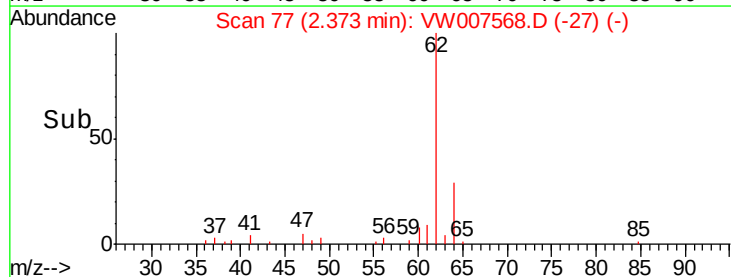
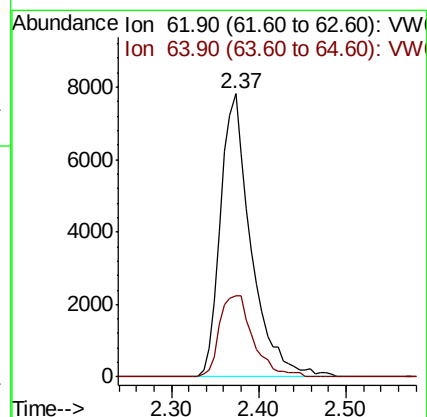
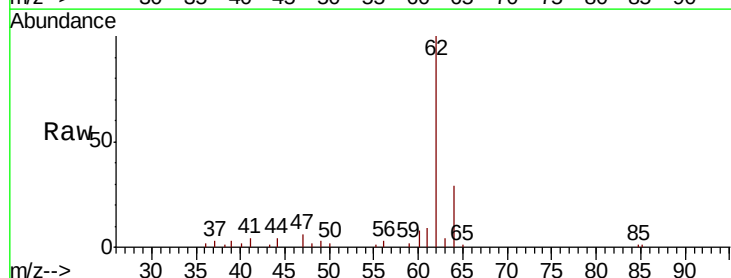
Acq: 15 Dec 2018 07:32

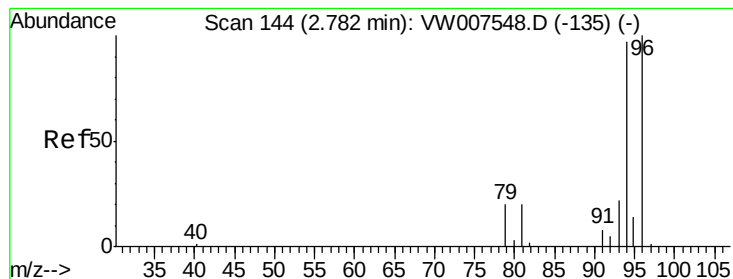
Tgt Ion: 62 Resp: 18949

Ion Ratio Lower Upper

62 100

64 28.7 24.6 37.0





#5

Bromomethane

Concen: 36.026 ug/l

RT: 2.78 min Scan# 144

Delta R.T. 0.01 min

Lab File: VW007568.D

Acq: 15 Dec 2018 07:32

Instrument :

MSVOA_W

ClientSampleId :

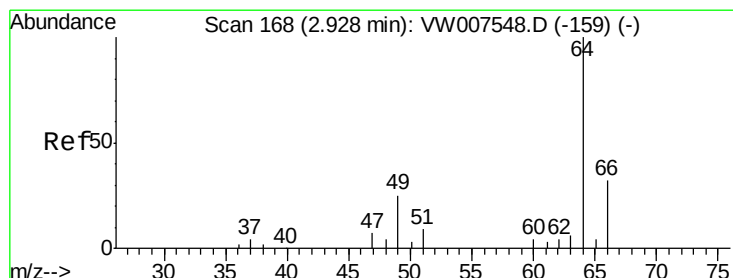
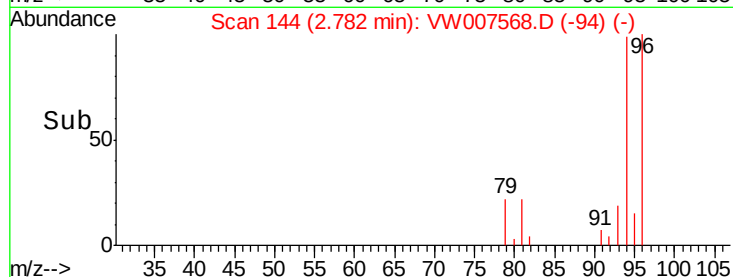
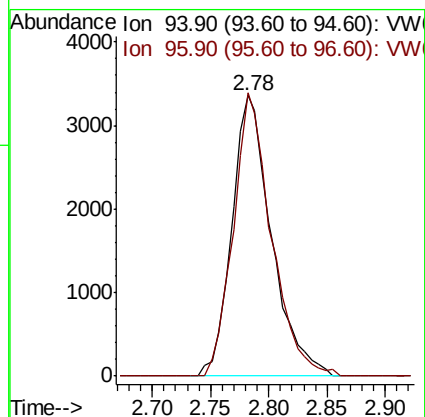
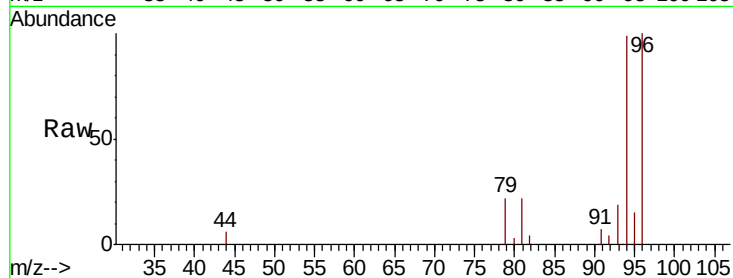
P001-SS016-0006-01MS

Tgt Ion: 94 Resp: 7931

Ion Ratio Lower Upper

94 100

96 101.0 71.0 106.4



#6

Chloroethane

Concen: 58.188 ug/l

RT: 2.93 min Scan# 169

Delta R.T. 0.01 min

Lab File: VW007568.D

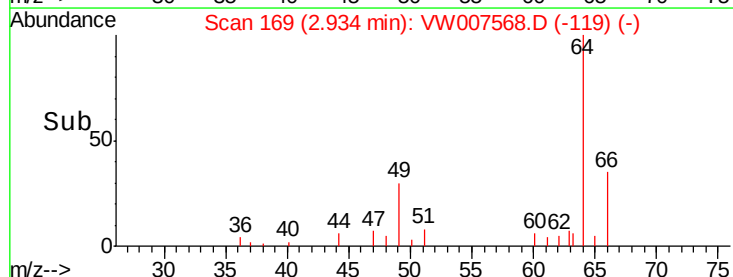
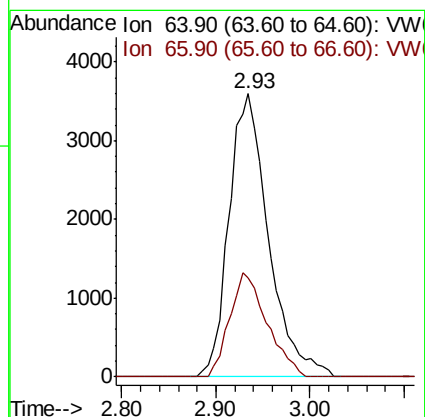
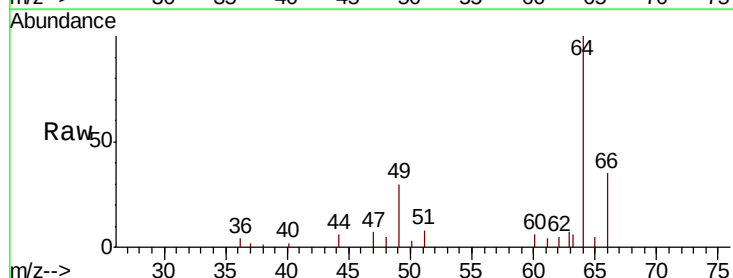
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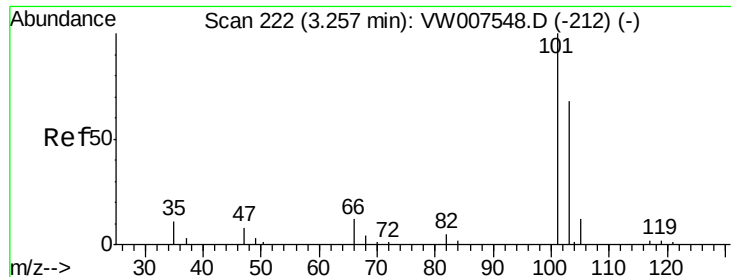
Tgt Ion: 64 Resp: 10495

Ion Ratio Lower Upper

64 100

66 34.9 24.6 37.0



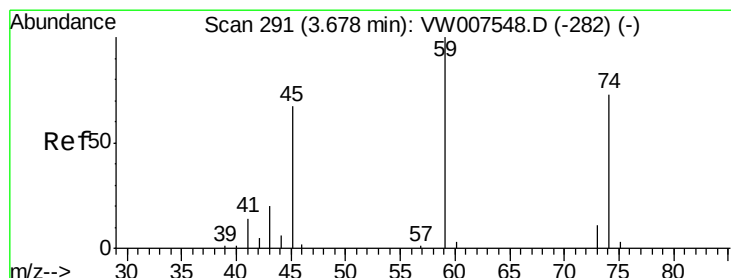
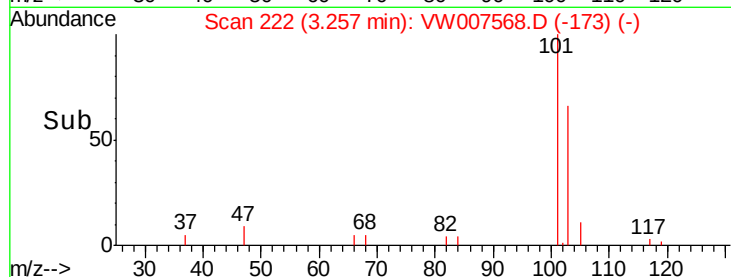
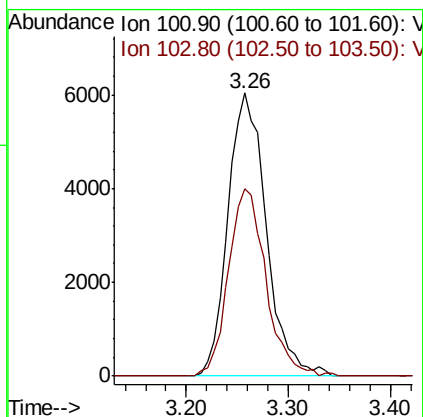
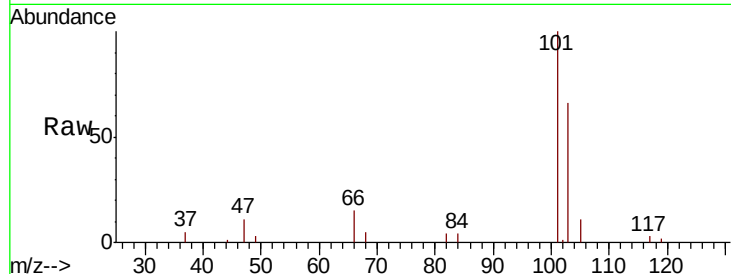


#7

Trichlorofluoromethane
 Concen: 53.283 ug/l
 RT: 3.26 min Scan# 222
 Delta R.T. 0.00 min
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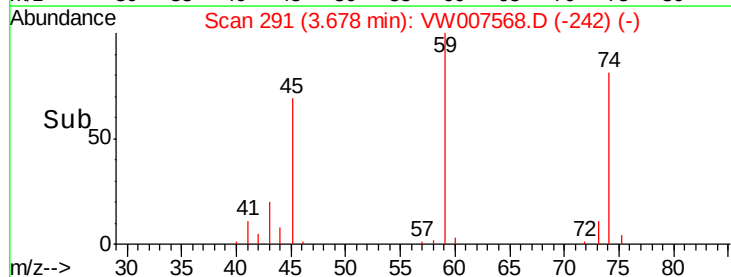
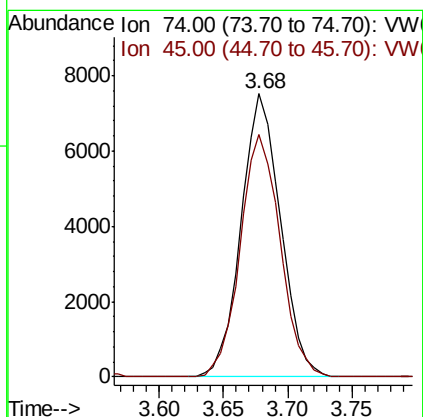
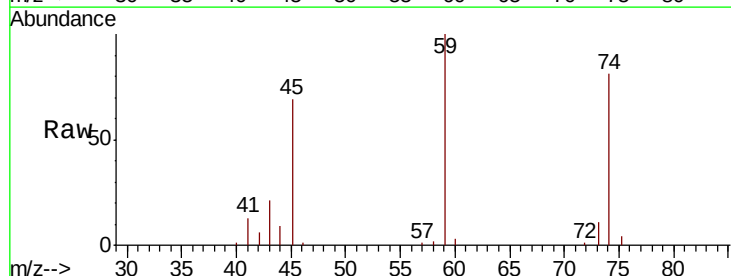
Tgt Ion: 101 Resp: 15696
 Ion Ratio Lower Upper
 101 100
 103 66.0 51.7 77.5

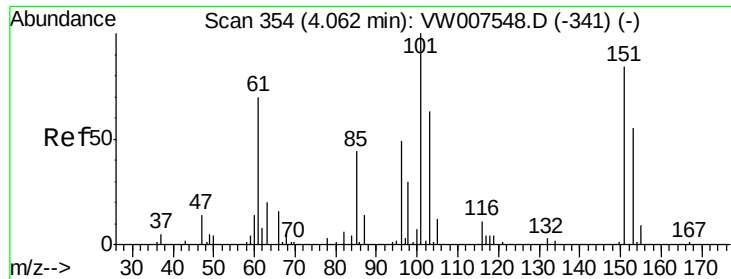


#8

Diethyl Ether
 Concen: 69.019 ug/l
 RT: 3.68 min Scan# 291
 Delta R.T. 0.00 min
 Lab File: VW007568.D
 Acq: 15 Dec 2018 07:32

Tgt Ion: 74 Resp: 15913
 Ion Ratio Lower Upper
 74 100
 45 86.9 43.0 129.0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 51.534 ug/l

RT: 4.06 min Scan# 353

Delta R.T. 0.01 min

Lab File: VW007568.D

Acq: 15 Dec 2018 07:32

Instrument :

MSVOA_W

ClientSampleId :

P001-SS016-0006-01MS

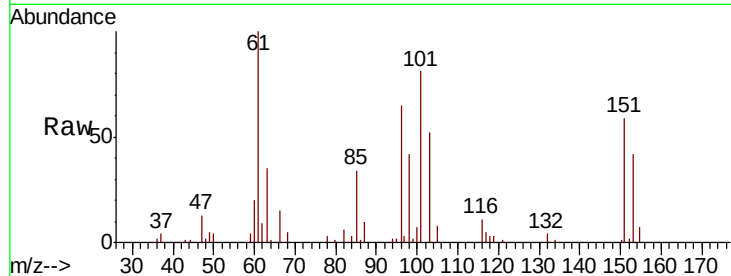
Tgt Ion:101 Resp: 25049

Ion Ratio Lower Upper

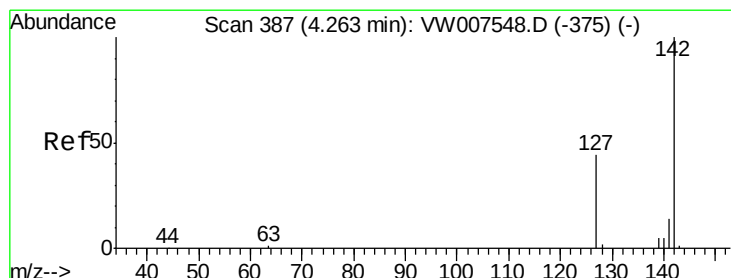
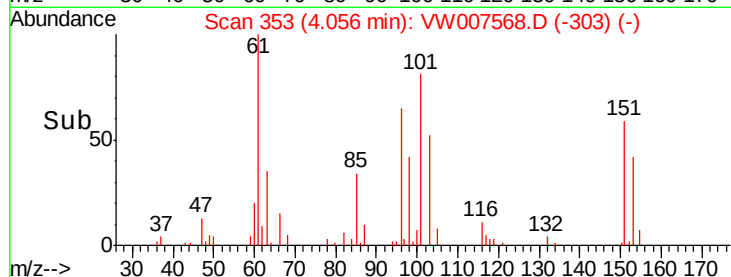
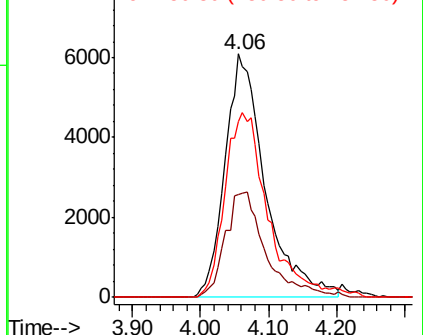
101 100

85 43.8 33.9 50.9

151 81.6 63.7 95.5



Abundance Ion 100.90 (100.60 to 101.60): V
Ion 84.90 (84.60 to 85.60): V
Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 29.353 ug/l

RT: 4.27 min Scan# 388

Delta R.T. 0.01 min

Lab File: VW007568.D

Acq: 15 Dec 2018 07:32

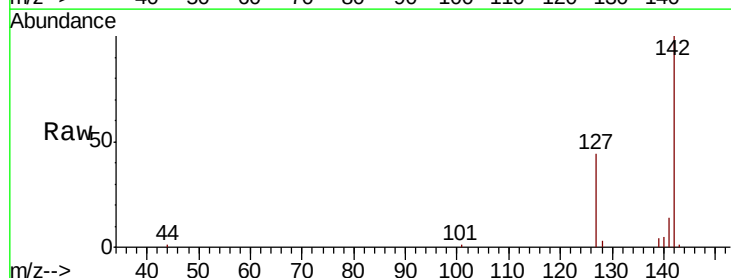
Tgt Ion:142 Resp: 23630

Ion Ratio Lower Upper

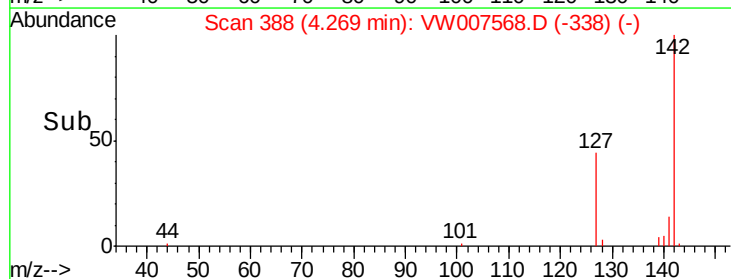
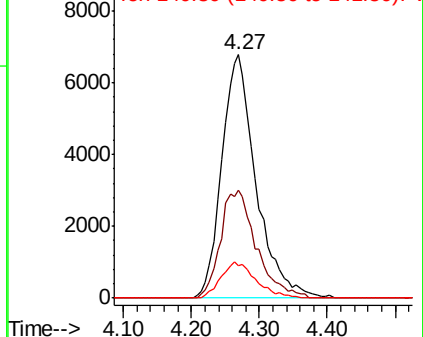
142 100

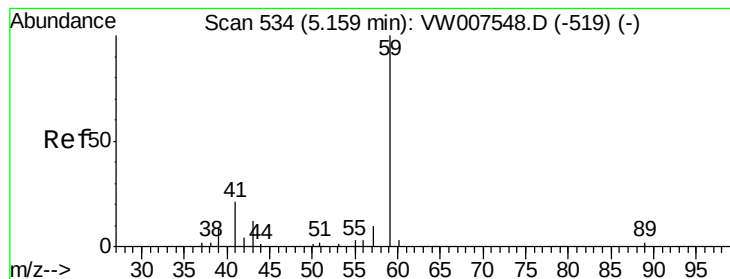
127 46.1 35.8 53.6

141 15.2 11.1 16.7



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



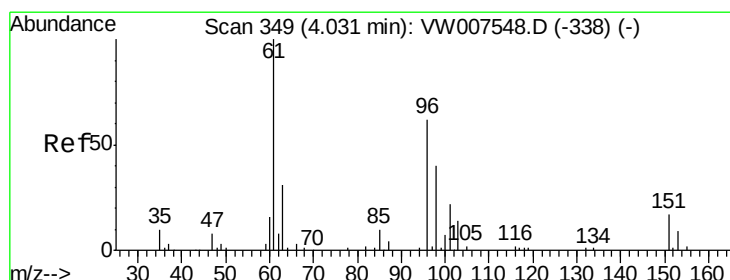
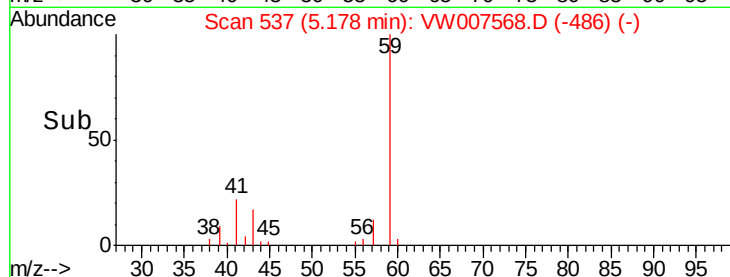
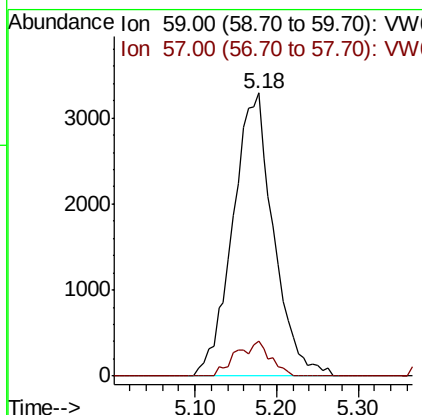
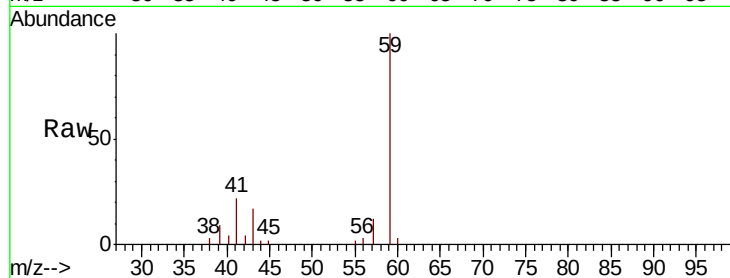


#11

Tert butyl alcohol
 Concen: 312.713 ug/l
 RT: 5.18 min Scan# 537
 Delta R.T. 0.01 min
 Lab File: VW007568.D
 Acq: 15 Dec 2018 07:32

Instrument :
 MSVOA_W
 ClientSampleId :
 P001-SS016-0006-01MS

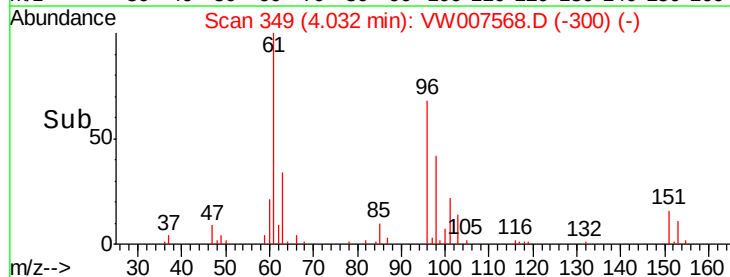
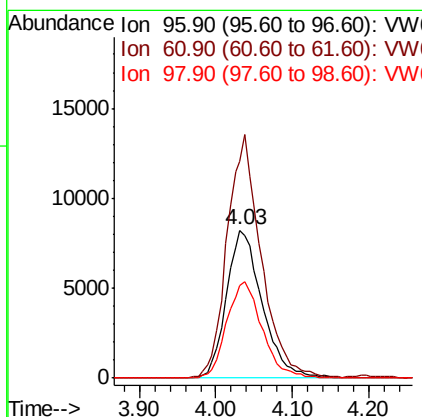
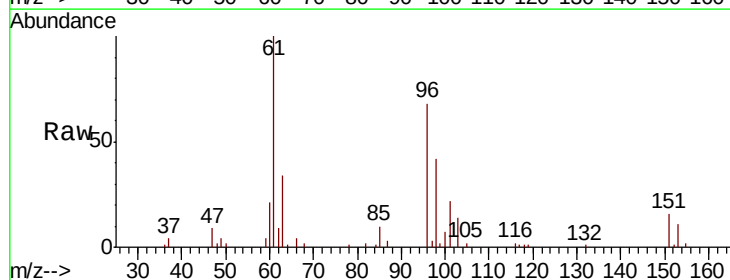
Tgt Ion: 59 Resp: 11367
 Ion Ratio Lower Upper
 59 100
 57 10.3 7.6 11.4

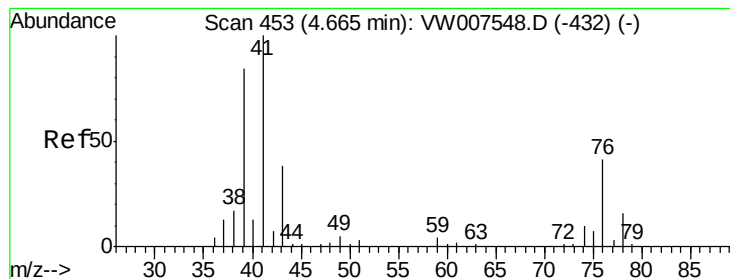


#12

1,1-Dichloroethene
 Concen: 56.531 ug/l
 RT: 4.03 min Scan# 349
 Delta R.T. 0.00 min
 Lab File: VW007568.D
 Acq: 15 Dec 2018 07:32

Tgt Ion: 96 Resp: 26456
 Ion Ratio Lower Upper
 96 100
 61 146.7 126.2 189.2
 98 62.2 48.3 72.5





#14

Allyl chloride

Concen: 44.586 ug/l

RT: 4.67 min Scan# 453

Delta R.T. 0.01 min

Lab File: VW007568.D

Acq: 15 Dec 2018 07:32

Instrument :

MSVOA_W

ClientSampleId :

P001-SS016-0006-01MS

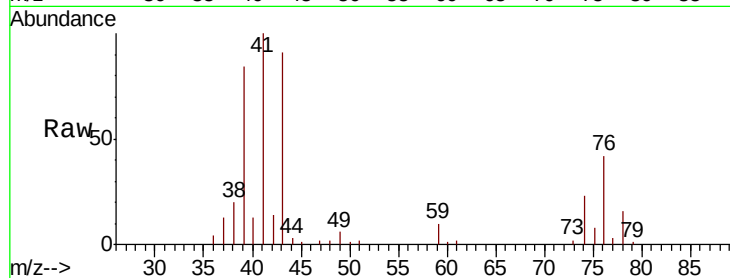
Tgt Ion: 41 Resp: 30757

Ion Ratio Lower Upper

41 100

39 79.5 63.4 95.2

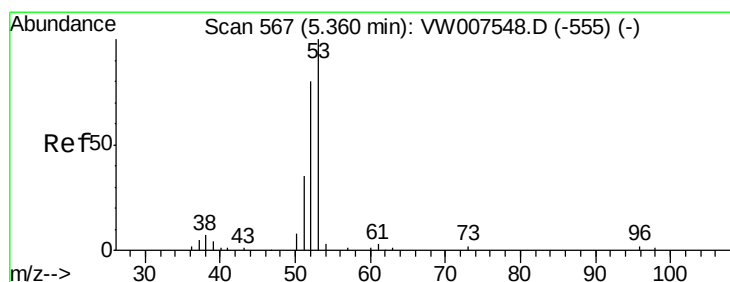
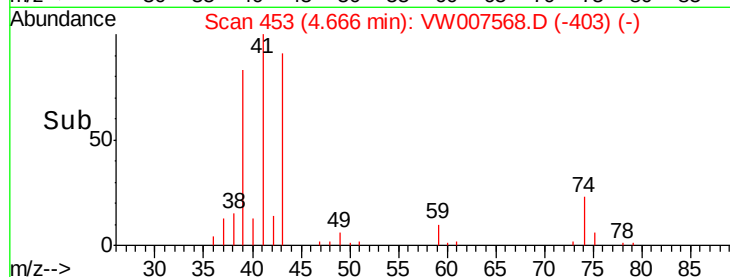
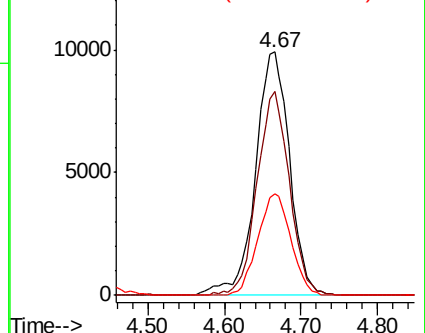
76 40.3 32.1 48.1



Abundance Ion 41.00 (40.70 to 41.70): VW

Ion 39.00 (38.70 to 39.70): VW

Ion 75.90 (75.60 to 76.60): VW



#15

Acrylonitrile

Concen: 149.699 ug/l

RT: 5.36 min Scan# 567

Delta R.T. -0.01 min

Lab File: VW007568.D

Acq: 15 Dec 2018 07:32

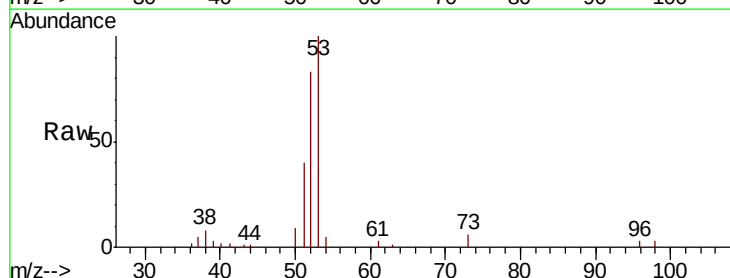
Tgt Ion: 53 Resp: 14550

Ion Ratio Lower Upper

53 100

52 85.5 67.4 101.2

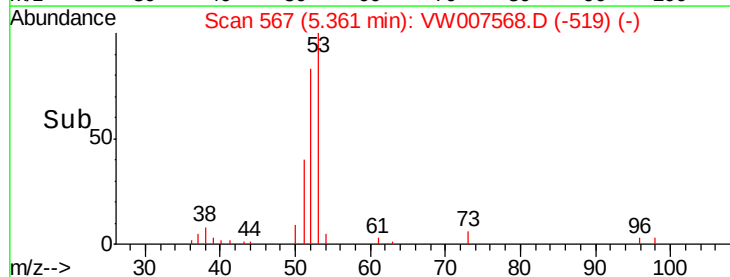
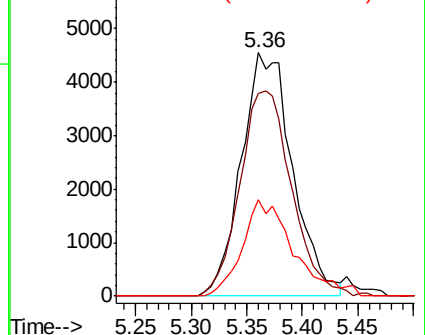
51 39.6 30.2 45.2

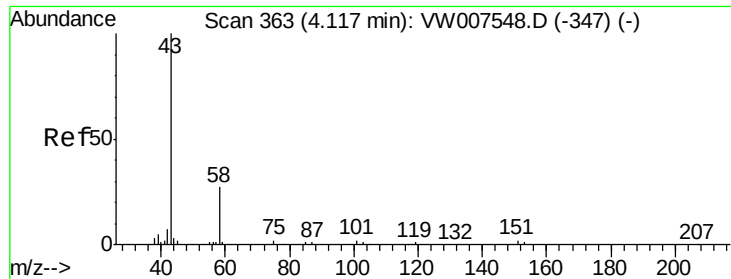


Abundance Ion 53.00 (52.70 to 53.70): VW

Ion 52.00 (51.70 to 52.70): VW

Ion 51.00 (50.70 to 51.70): VW





#16

Acetone

Concen: 344.172 ug/l

RT: 4.12 min Scan# 363

Delta R.T. 0.00 min

Lab File: VW007568.D

Acq: 15 Dec 2018 07:32

Instrument :

MSVOA_W

ClientSampleId :

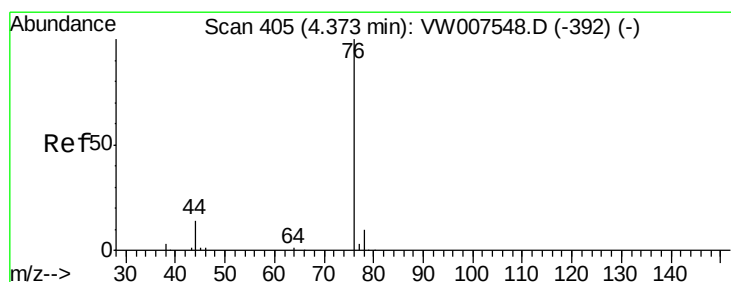
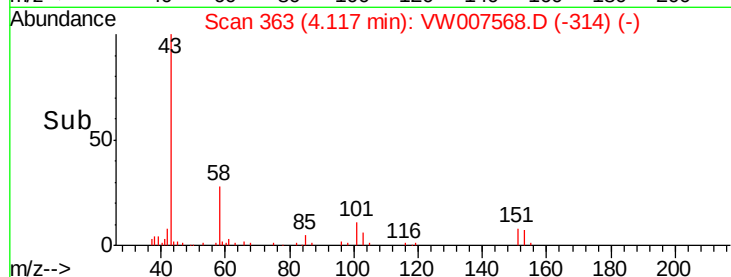
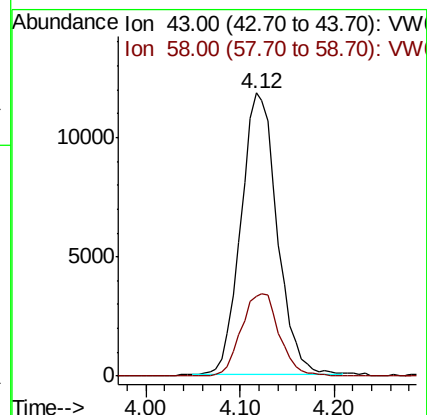
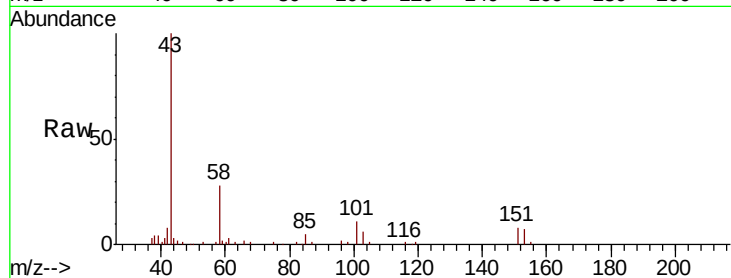
P001-SS016-0006-01MS

Tgt Ion: 43 Resp: 31818

Ion Ratio Lower Upper

43 100

58 28.2 24.9 37.3



#17

Carbon Disulfide

Concen: 49.619 ug/l

RT: 4.38 min Scan# 406

Delta R.T. 0.00 min

Lab File: VW007568.D

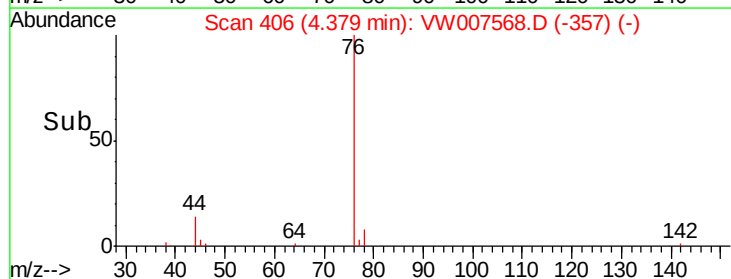
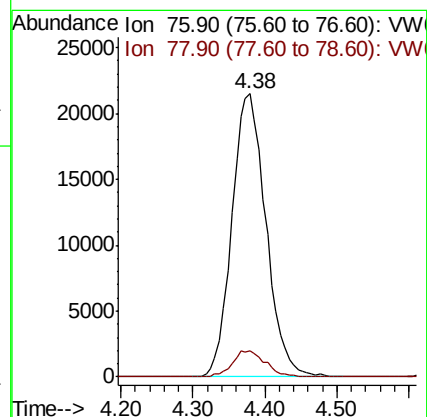
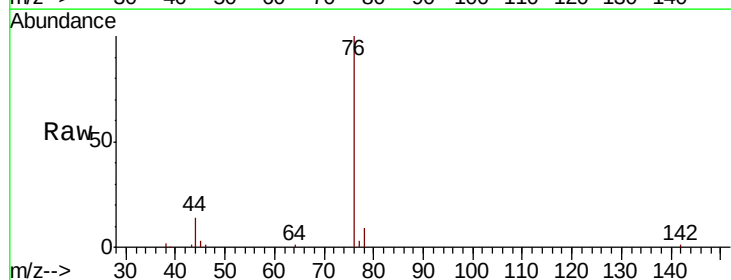
Acq: 15 Dec 2018 07:32

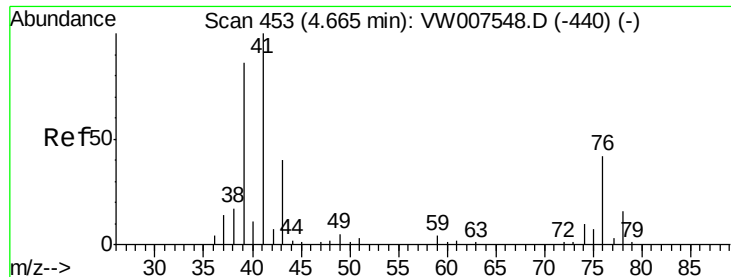
Tgt Ion: 76 Resp: 70409

Ion Ratio Lower Upper

76 100

78 9.3 7.1 10.7

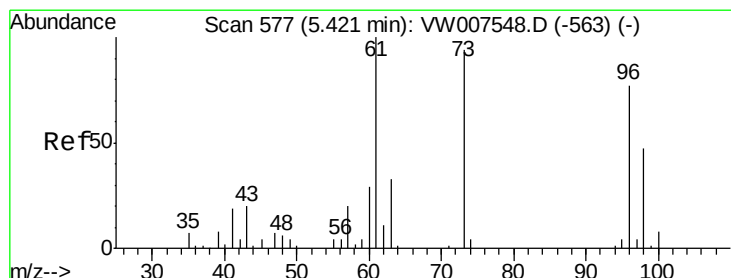
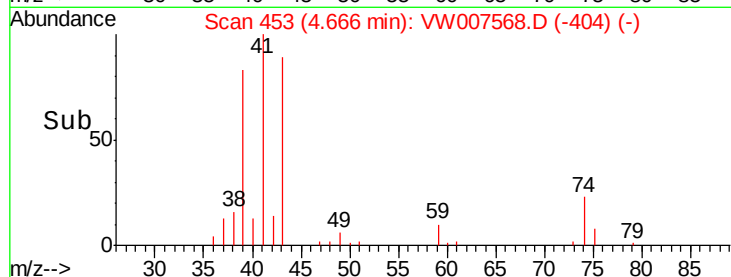
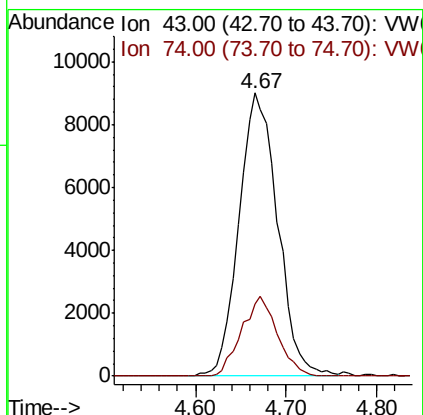
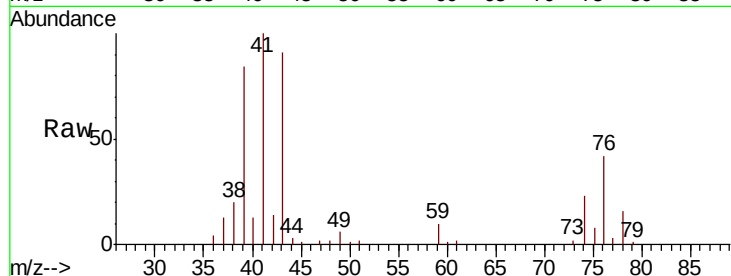




#18
Methyl Acetate
Concen: 105.821 ug/l
RT: 4.67 min Scan# 453
Delta R.T. 0.00 min
Lab File: VW007568.D
Acq: 15 Dec 2018 07:32

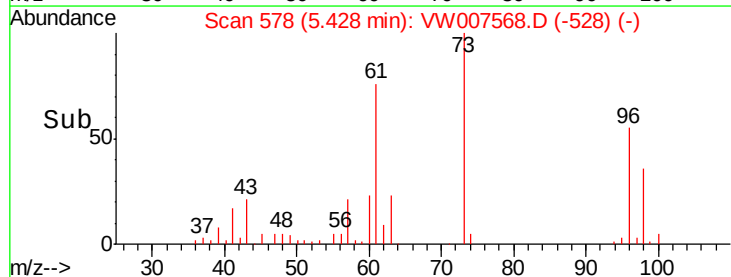
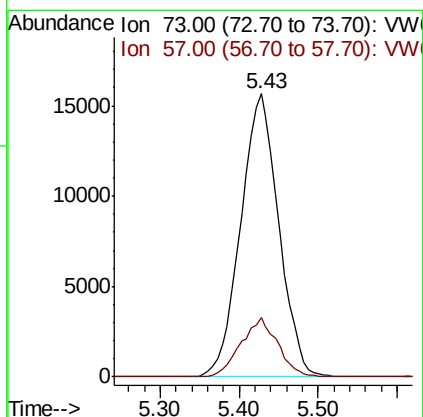
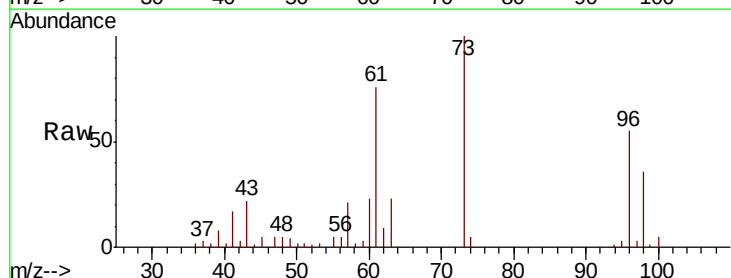
Instrument :
MSVOA_W
ClientSampleId :
P001-SS016-0006-01MS

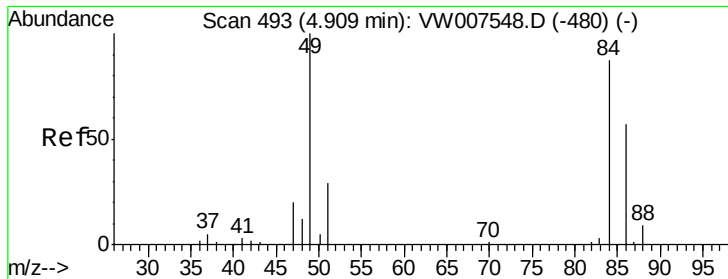
Tgt Ion: 43 Resp: 26552
Ion Ratio Lower Upper
43 100
74 26.1 21.1 31.7



#19
Methyl tert-butyl Ether
Concen: 74.231 ug/l
RT: 5.43 min Scan# 578
Delta R.T. 0.01 min
Lab File: VW007568.D
Acq: 15 Dec 2018 07:32

Tgt Ion: 73 Resp: 52407
Ion Ratio Lower Upper
73 100
57 20.8 16.4 24.6

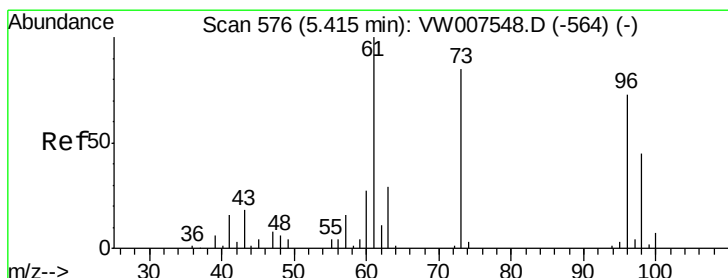
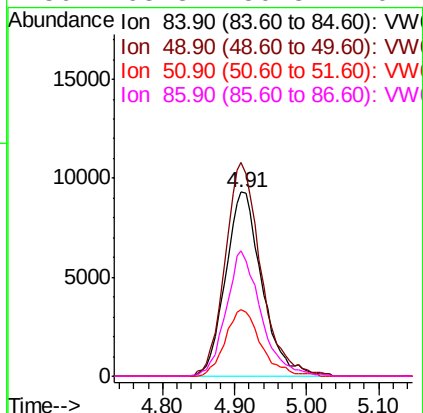
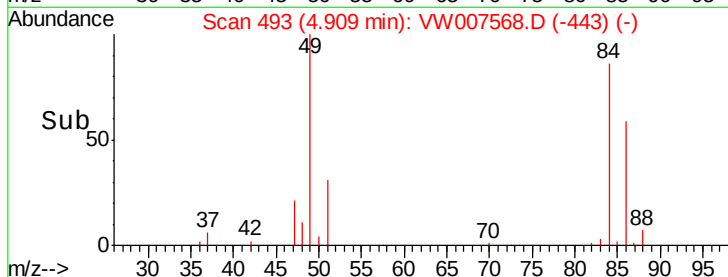
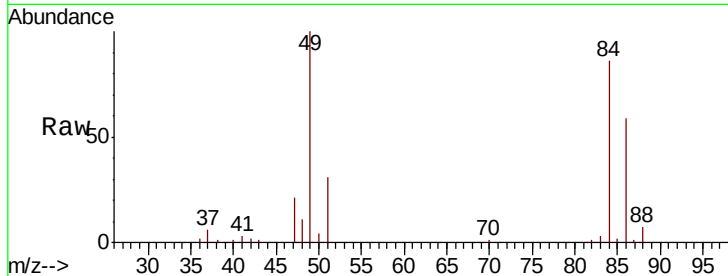




#20
Methylene Chloride
Concen: 66.232 ug/l
RT: 4.91 min Scan# 493
Delta R.T. 0.01 min
Lab File: VW007568.D
Acq: 15 Dec 2018 07:32

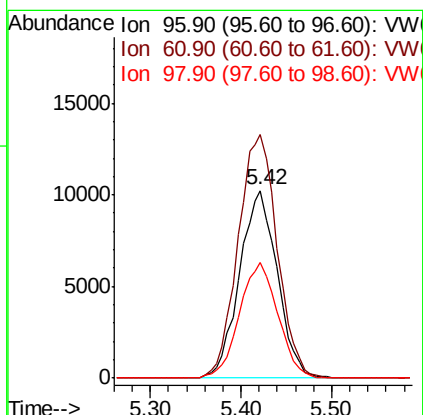
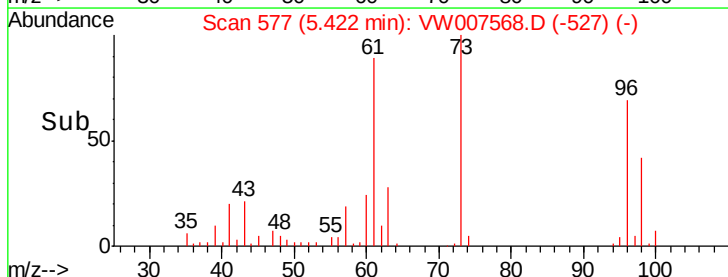
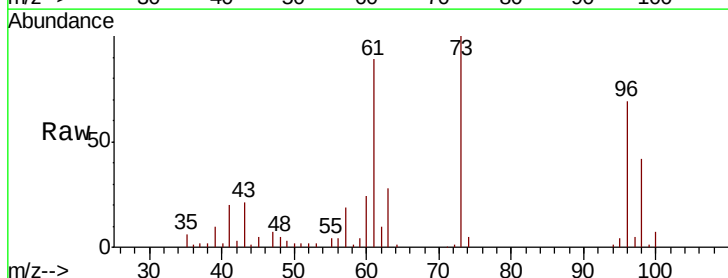
Instrument :
MSVOA_W
ClientSampleId :
P001-SS016-0006-01MS

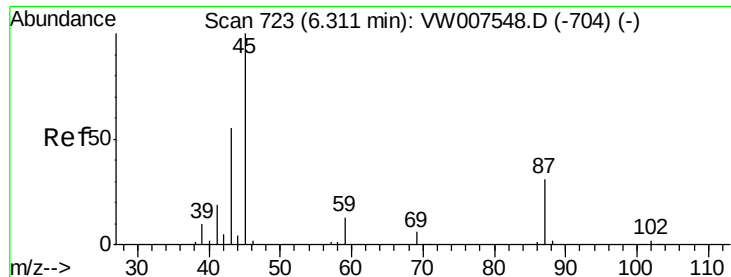
Tgt Ion:	84	Resp:	32841
Ion	Ratio	Lower	Upper
84	100		
49	116.0	87.1	130.7
51	36.3	28.2	42.2
86	68.3	50.8	76.2



#21
trans-1,2-Dichloroethene
Concen: 56.284 ug/l
RT: 5.42 min Scan# 577
Delta R.T. 0.01 min
Lab File: VW007568.D
Acq: 15 Dec 2018 07:32

Tgt Ion:	96	Resp:	29466
Ion	Ratio	Lower	Upper
96	100		
61	129.9	105.0	157.6
98	61.3	49.7	74.5





#22

Diisopropyl ether

Concen: 63.199 ug/l

RT: 6.31 min Scan# 723

Delta R.T. 0.00 min

Lab File: VW007568.D

Acq: 15 Dec 2018 07:32

Instrument :

MSVOA_W

ClientSampleId :

P001-SS016-0006-01MS

Tgt Ion: 45 Resp: 83799

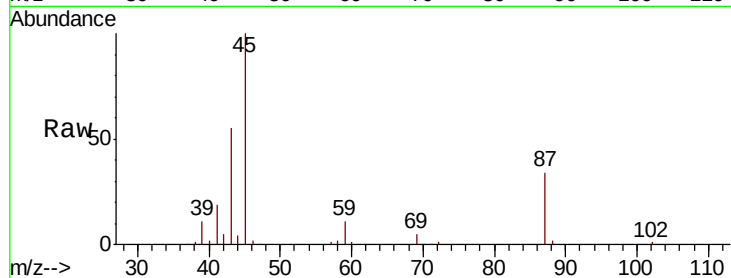
Ion Ratio Lower Upper

45 100

43 54.9 41.6 62.4

87 33.7 24.3 36.5

59 10.9 9.4 14.0



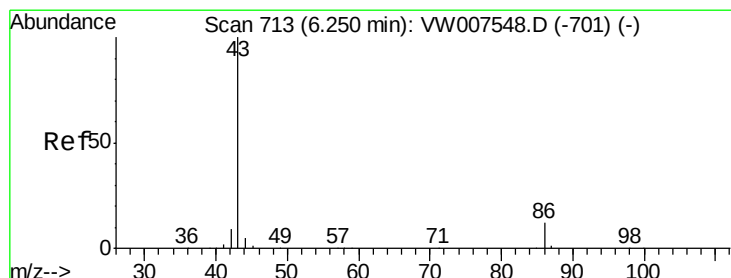
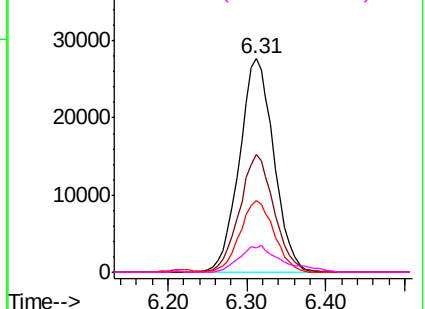
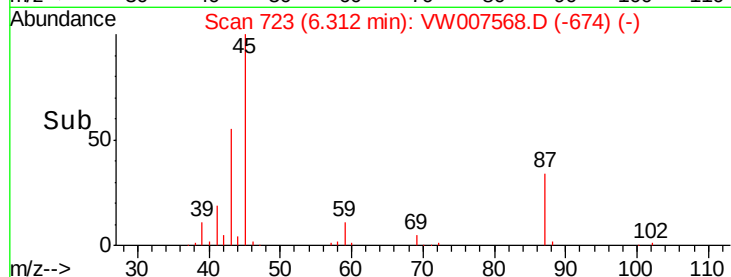
Abundance

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: 62.432 ug/l

RT: 6.31 min Scan# 723

Delta R.T. 0.06 min

Lab File: VW007568.D

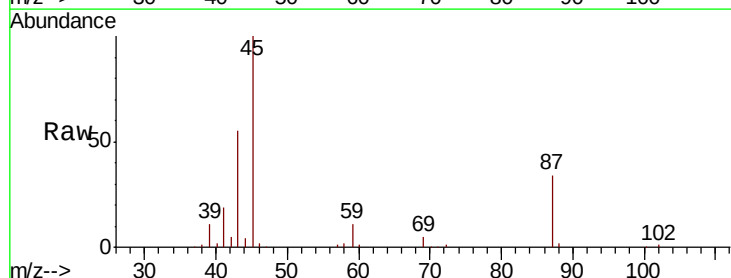
Acq: 15 Dec 2018 07:32

Tgt Ion: 43 Resp: 46303

Ion Ratio Lower Upper

43 100

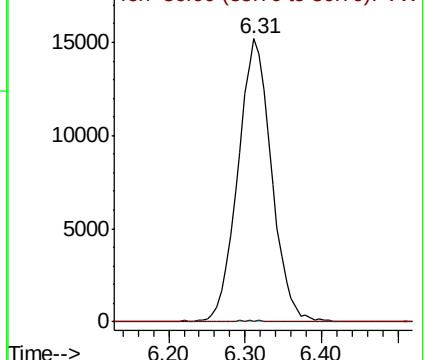
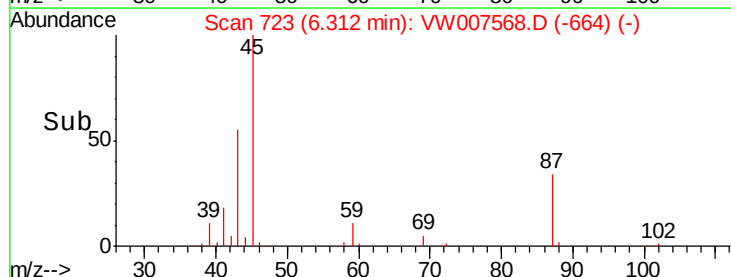
86 0.0 8.6 12.8#

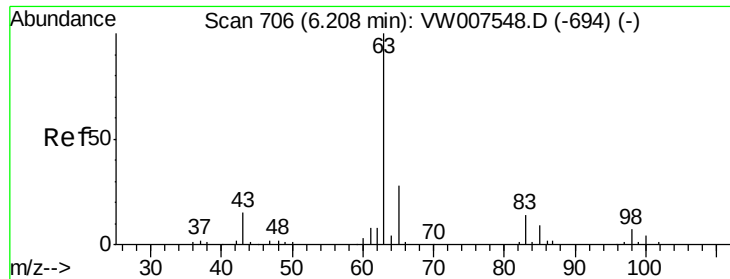


Abundance

Ion 43.00 (42.70 to 43.70): VW

Ion 86.00 (85.70 to 86.70): VW

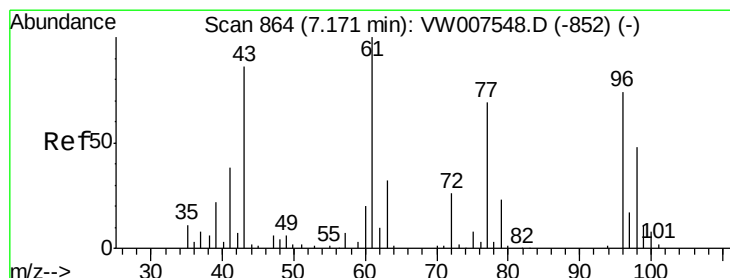
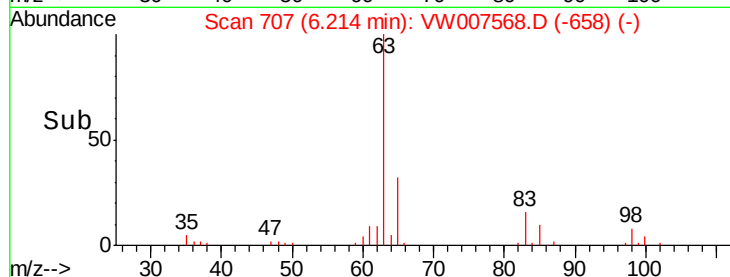
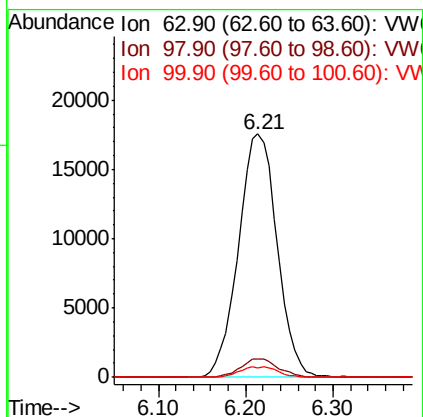
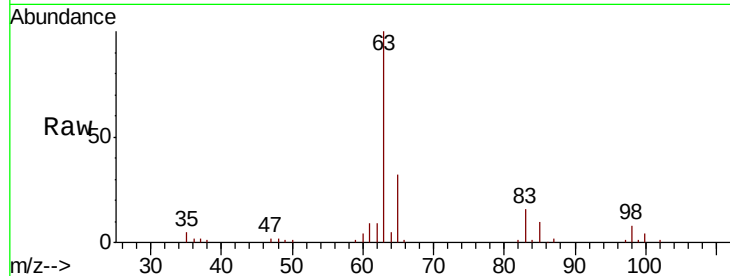




#24
1,1-Dichloroethane
Concen: 60.161 ug/l
RT: 6.21 min Scan# 707
Delta R.T. 0.00 min
Lab File: VW007568.D
Acq: 15 Dec 2018 07:32

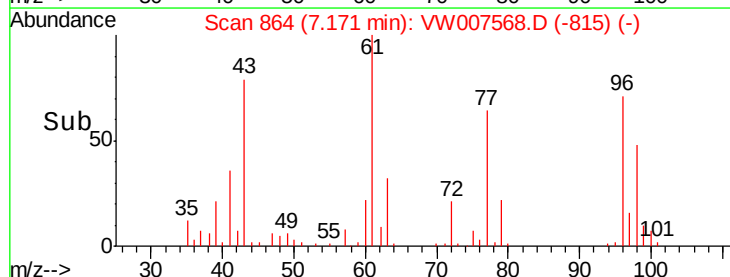
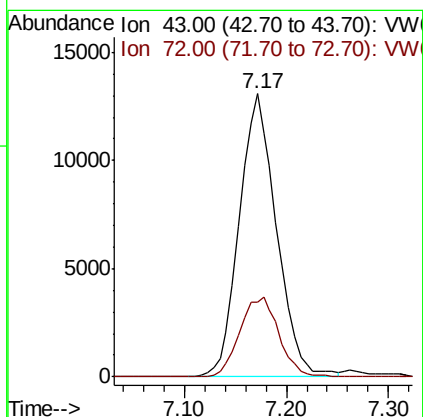
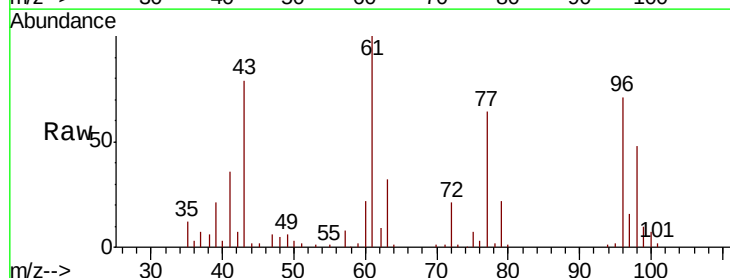
Instrument :
MSVOA_W
ClientSampleId :
P001-SS016-0006-01MS

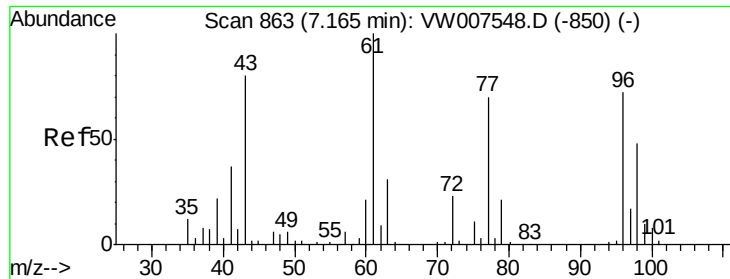
Tgt Ion: 63 Resp: 53914
Ion Ratio Lower Upper
63 100
98 7.7 3.5 10.4
100 3.9 2.5 7.5



#25
2-Butanone
Concen: 274.652 ug/l
RT: 7.17 min Scan# 864
Delta R.T. 0.00 min
Lab File: VW007568.D
Acq: 15 Dec 2018 07:32

Tgt Ion: 43 Resp: 33148
Ion Ratio Lower Upper
43 100
72 26.2 23.4 35.2





#26

2,2-Dichloropropane

Concen: 54.475 ug/l

RT: 7.17 min Scan# 863

Delta R.T. 0.00 min

Lab File: VW007568.D

Acq: 15 Dec 2018 07:32

Instrument :

MSVOA_W

ClientSampleId :

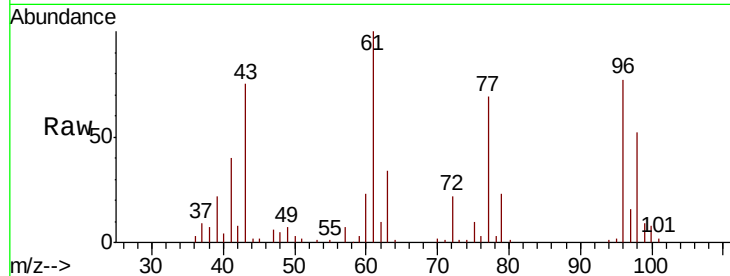
P001-SS016-0006-01MS

Tgt Ion: 77 Resp: 32309

Ion Ratio Lower Upper

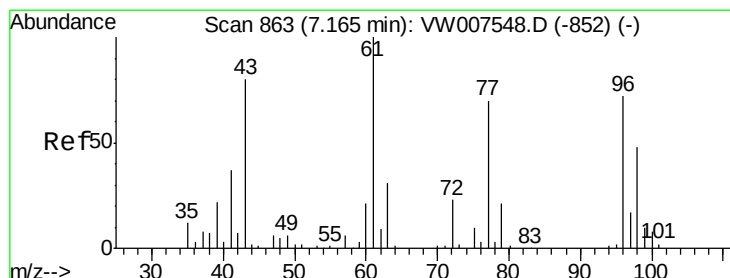
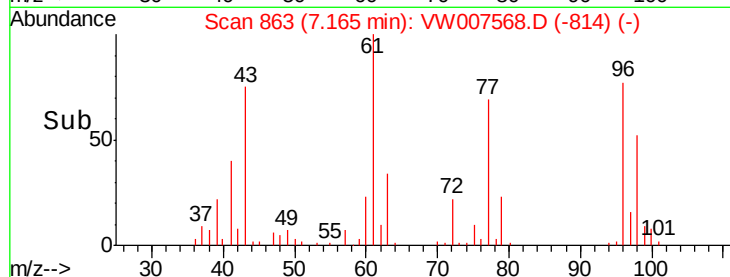
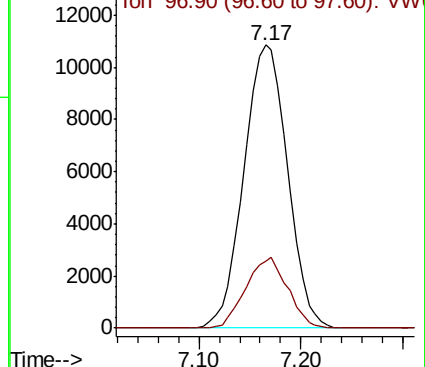
77 100

97 23.8 11.6 34.8



Abundance Ion 76.90 (76.60 to 77.60): VW

Ion 96.90 (96.60 to 97.60): VW



#27

cis-1,2-Dichloroethene

Concen: 56.162 ug/l

RT: 7.17 min Scan# 863

Delta R.T. 0.00 min

Lab File: VW007568.D

Acq: 15 Dec 2018 07:32

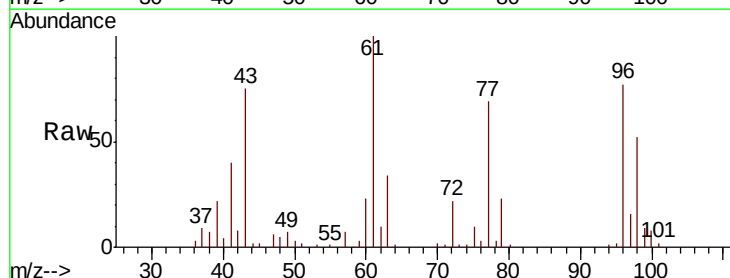
Tgt Ion: 96 Resp: 32194

Ion Ratio Lower Upper

96 100

61 136.2 0.0 268.4

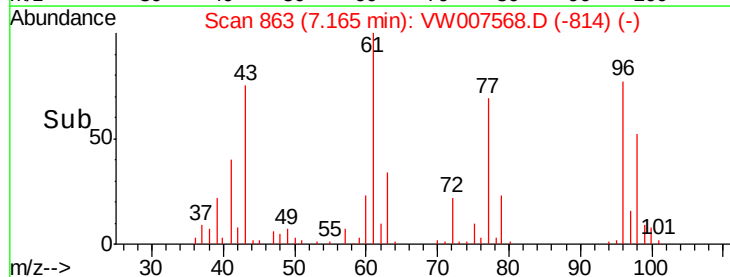
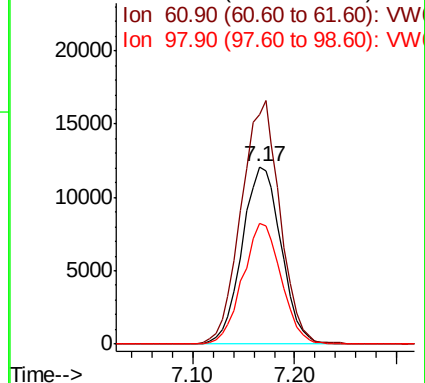
98 66.8 0.0 127.8

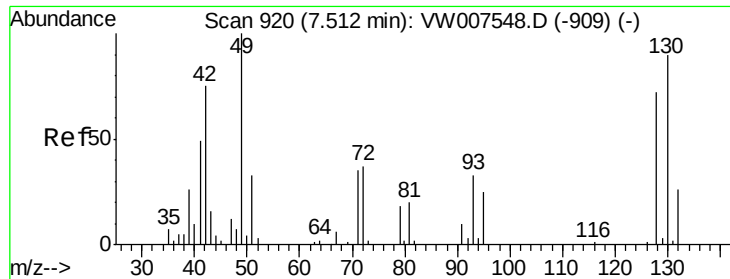


Abundance Ion 95.90 (95.60 to 96.60): VW

Ion 60.90 (60.60 to 61.60): VW

Ion 97.90 (97.60 to 98.60): VW





#28

Bromochloromethane

Concen: 58.970 ug/l

RT: 7.51 min Scan# 920

Delta R.T. 0.01 min

Lab File: VW007568.D

Acq: 15 Dec 2018 07:32

Instrument :

MSVOA_W

ClientSampleId :

P001-SS016-0006-01MS

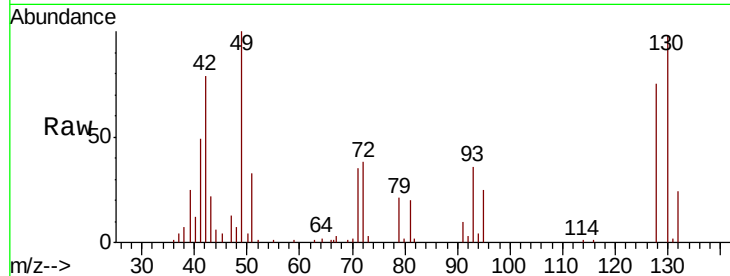
Tgt Ion: 49 Resp: 19878

Ion Ratio Lower Upper

49 100

129 0.7 0.0 2.6

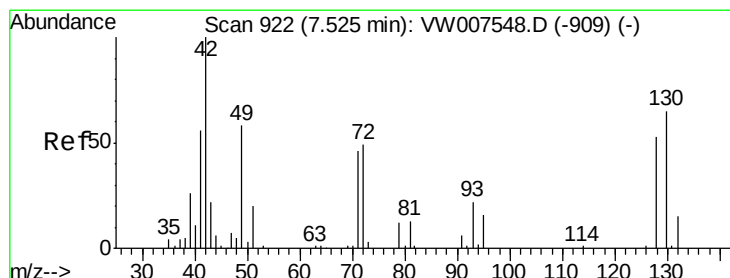
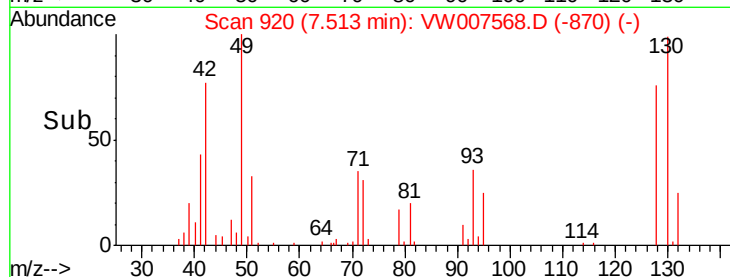
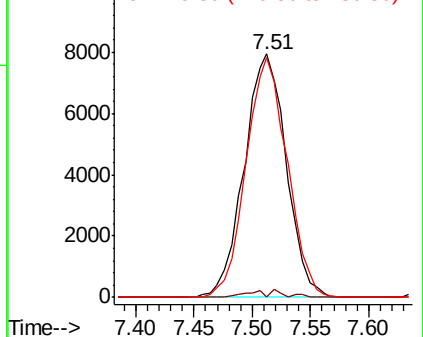
130 96.4 75.9 113.9



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: 349.334 ug/l

RT: 7.52 min Scan# 922

Delta R.T. -0.01 min

Lab File: VW007568.D

Acq: 15 Dec 2018 07:32

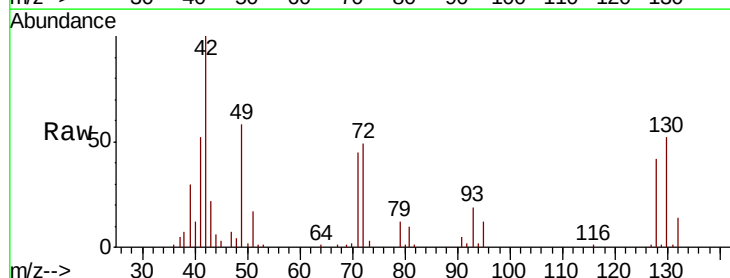
Tgt Ion: 42 Resp: 26691

Ion Ratio Lower Upper

42 100

72 49.2 38.2 57.4

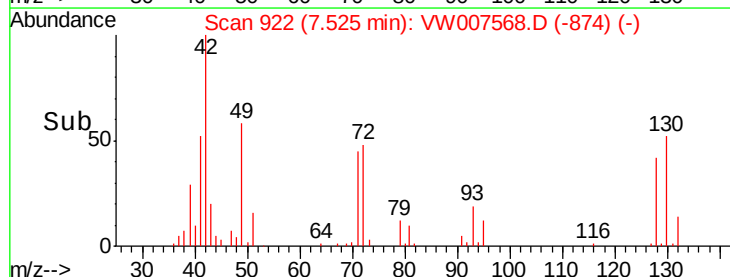
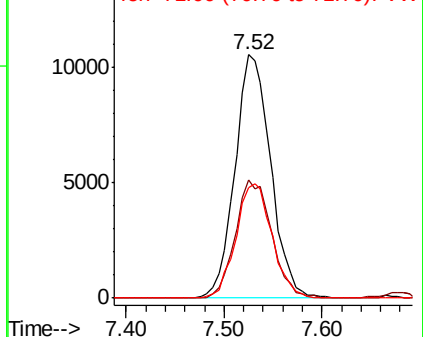
71 47.5 35.5 53.3

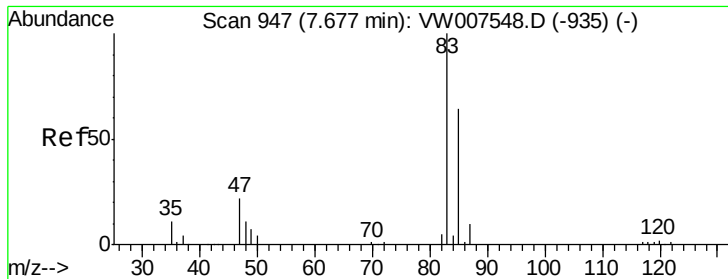


Abundance Ion 42.00 (41.70 to 42.70): VW

Ion 72.00 (71.70 to 72.70): VW

Ion 71.00 (70.70 to 71.70): VW

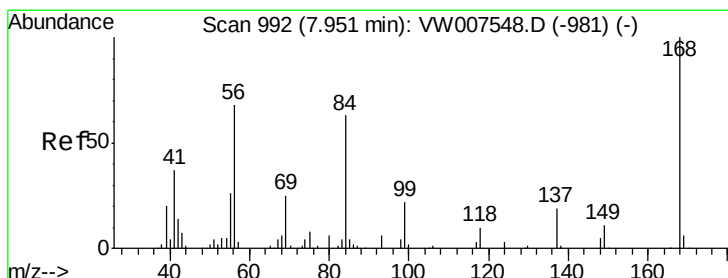
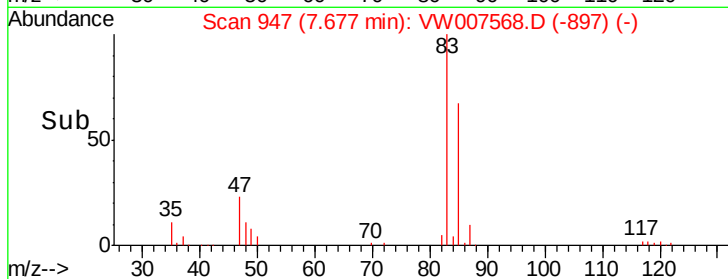
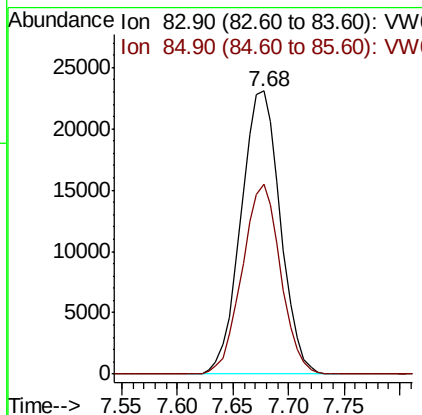
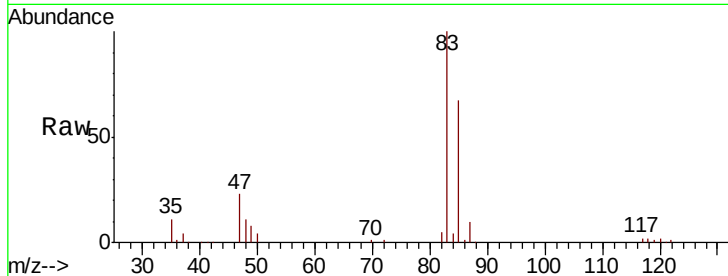




#30
Chloroform
Concen: 58.174 ug/l
RT: 7.68 min Scan# 947
Delta R.T. 0.01 min
Lab File: VW007568.D
Acq: 15 Dec 2018 07:32

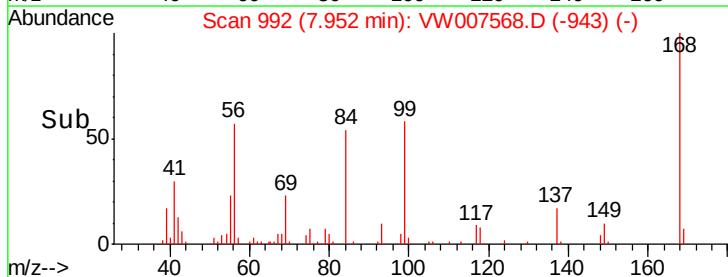
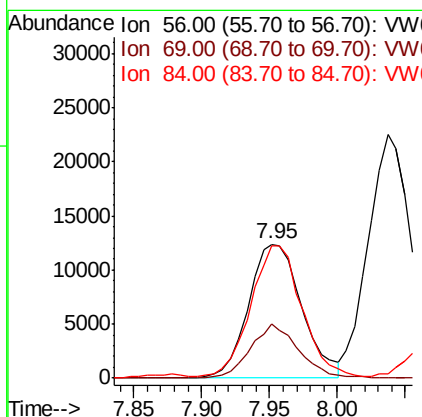
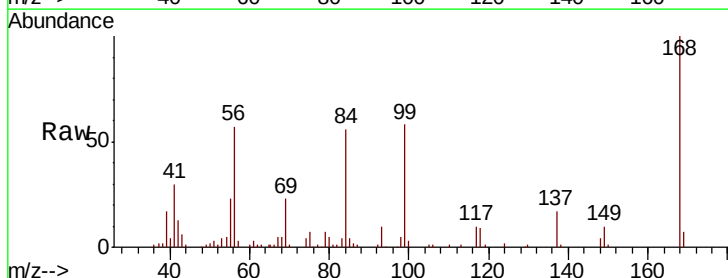
Instrument :
MSVOA_W
ClientSampleId :
P001-SS016-0006-01MS

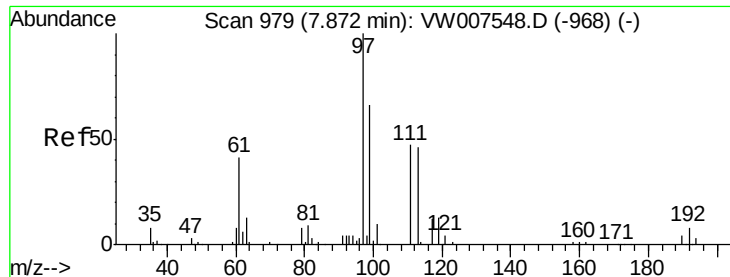
Tgt Ion: 83 Resp: 56733
Ion Ratio Lower Upper
83 100
85 67.2 51.8 77.8



#31
Cyclohexane
Concen: 41.331 ug/l
RT: 7.95 min Scan# 992
Delta R.T. 0.00 min
Lab File: VW007568.D
Acq: 15 Dec 2018 07:32

Tgt Ion: 56 Resp: 33983
Ion Ratio Lower Upper
56 100
69 40.5 28.9 43.3
84 97.0 71.8 107.6





#32

1,1,1-Trichloroethane

Concen: 55.428 ug/l

RT: 7.87 min Scan# 979

Delta R.T. 0.01 min

Lab File: VW007568.D

Acq: 15 Dec 2018 07:32

Instrument :

MSVOA_W

ClientSampleId :

P001-SS016-0006-01MS

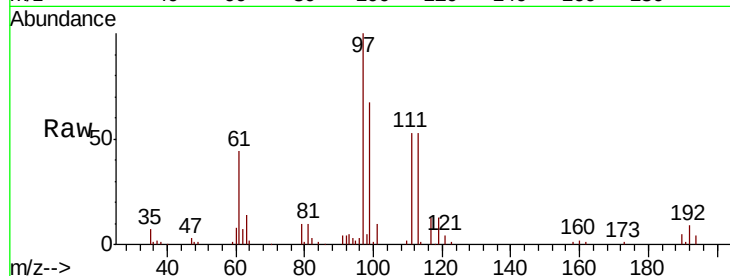
Tgt Ion: 97 Resp: 47403

Ion Ratio Lower Upper

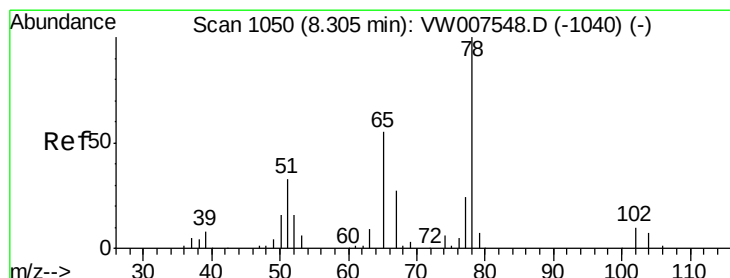
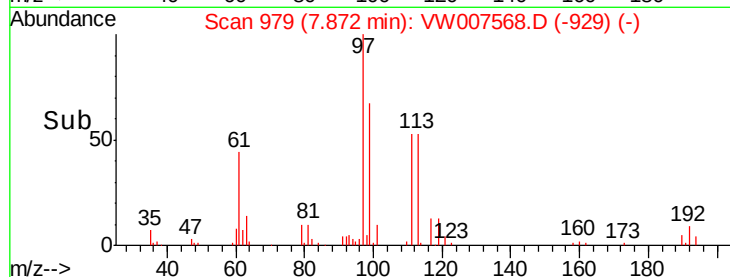
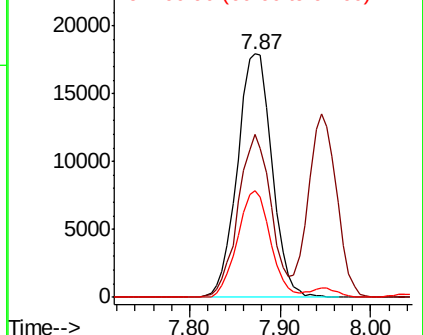
97 100

99 63.4 51.1 76.7

61 41.7 33.2 49.8



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



#33

1,2-Dichloroethane-d4

Concen: 61.715 ug/l

RT: 8.31 min Scan# 1050

Delta R.T. 0.00 min

Lab File: VW007568.D

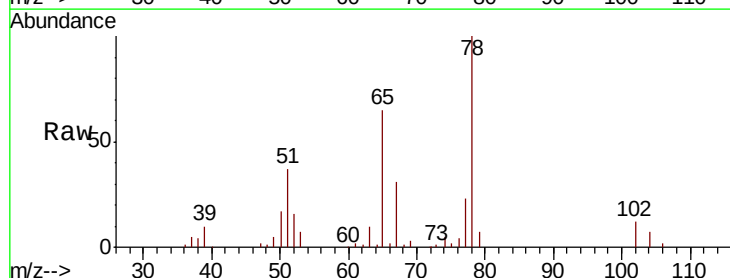
Acq: 15 Dec 2018 07:32

Tgt Ion: 65 Resp: 32664

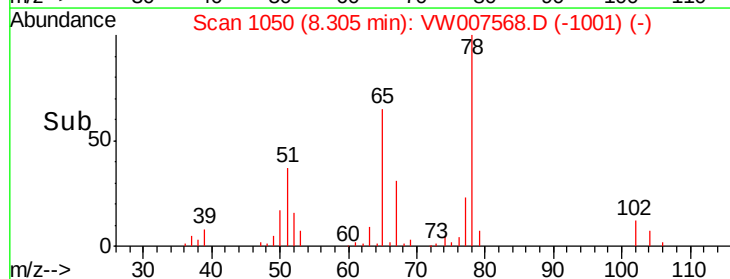
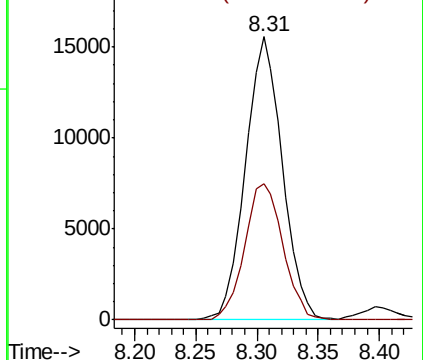
Ion Ratio Lower Upper

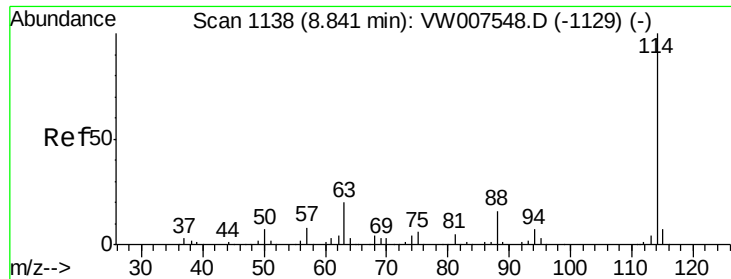
65 100

67 50.0 0.0 101.6



Abundance Ion 64.90 (64.60 to 65.60): VW
Ion 66.90 (66.60 to 67.60): VW

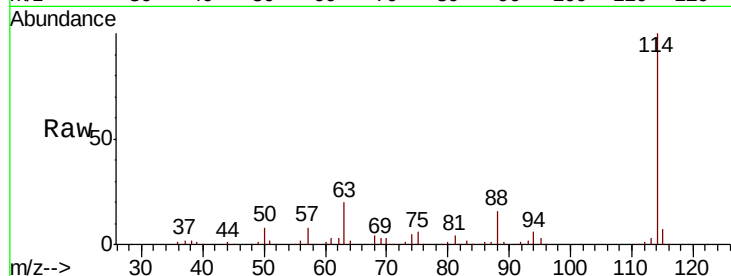




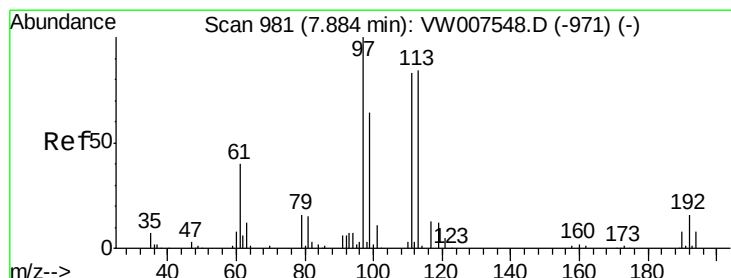
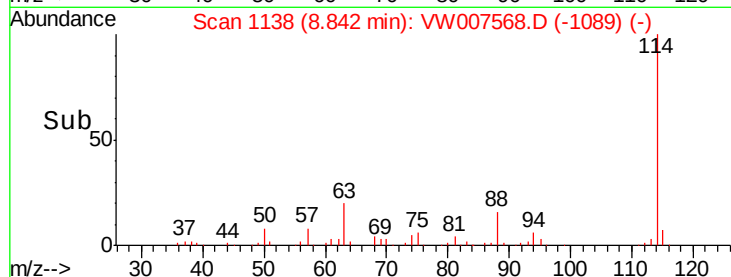
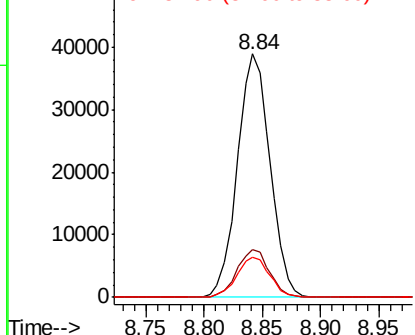
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.84 min Scan# 1138
Delta R.T. 0.00 min
Lab File: VW007568.D
Acq: 15 Dec 2018 07:32

Instrument :
MSVOA_W
ClientSampleId :
P001-SS016-0006-01MS

Tgt Ion:114 Resp: 76125
Ion Ratio Lower Upper
114 100
63 19.8 0.0 39.6
88 16.3 0.0 31.4

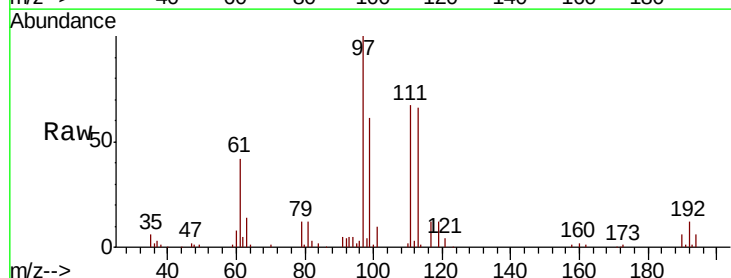


Abundance Ion 113.90 (113.60 to 114.60): V
Ion 63.00 (62.70 to 63.70): VW
Ion 87.90 (87.60 to 88.60): VW

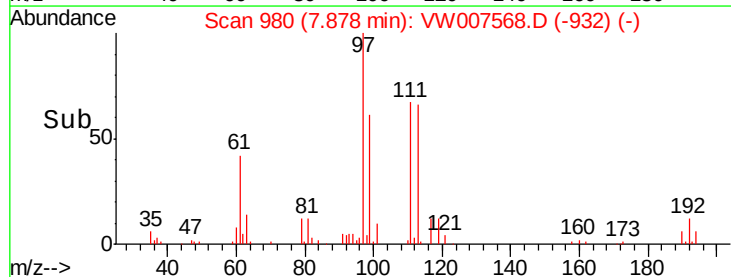
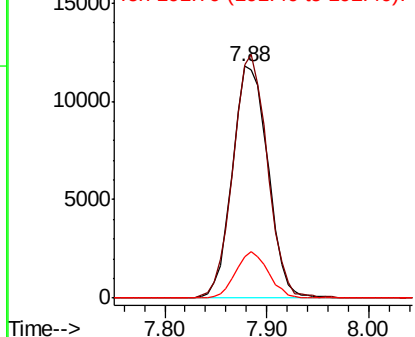


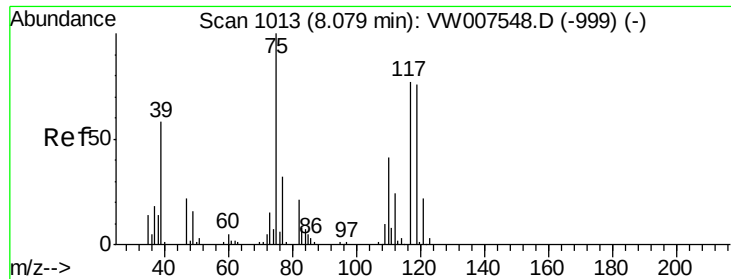
#35
Dibromofluoromethane
Concen: 61.856 ug/l
RT: 7.88 min Scan# 980
Delta R.T. -0.01 min
Lab File: VW007568.D
Acq: 15 Dec 2018 07:32

Tgt Ion:113 Resp: 28504
Ion Ratio Lower Upper
113 100
111 101.1 81.1 121.7
192 18.3 14.6 21.8



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

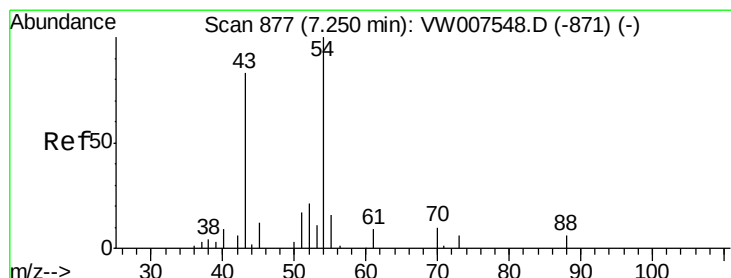
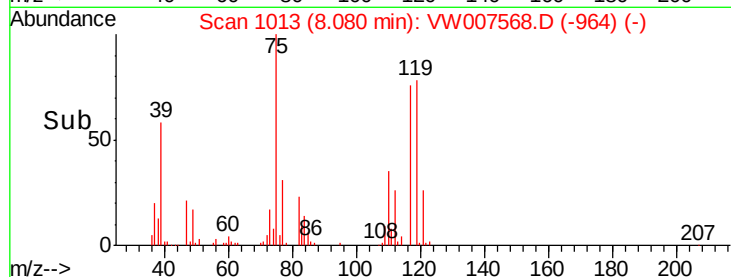
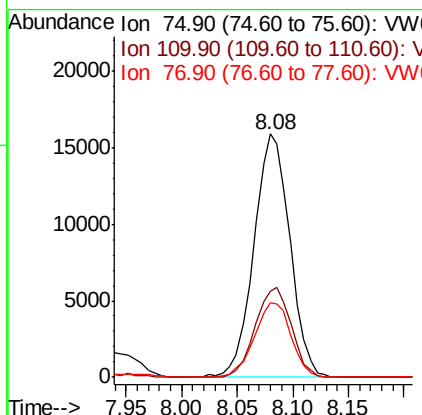
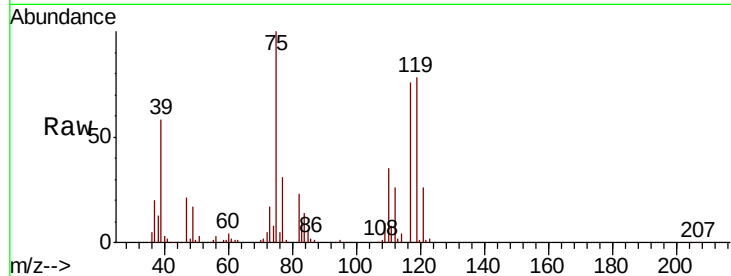




#36
 1,1-Dichloropropene
 Concen: 51.564 ug/l
 RT: 8.08 min Scan# 1013
 Delta R.T. 0.00 min
 Lab File: VW007568.D
 Acq: 15 Dec 2018 07:32

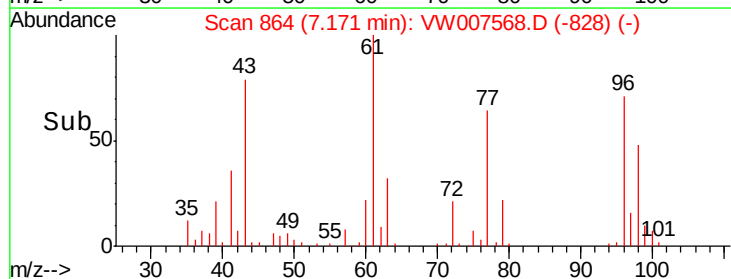
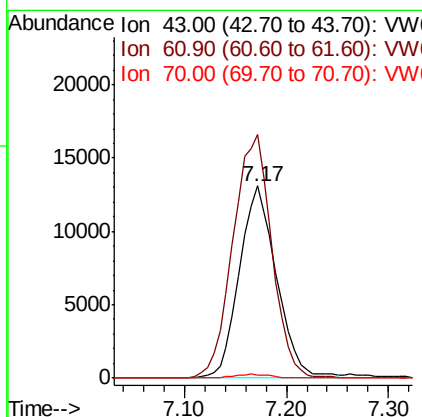
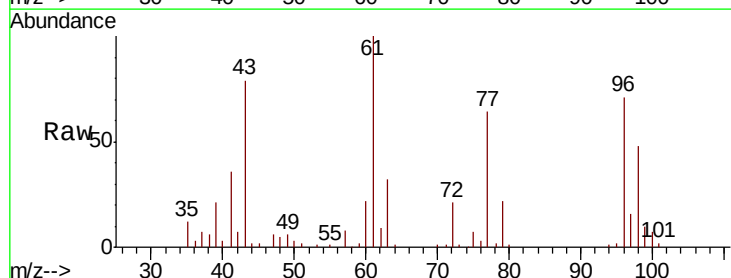
Instrument :
 MSVOA_W
 ClientSampleId :
 P001-SS016-0006-01MS

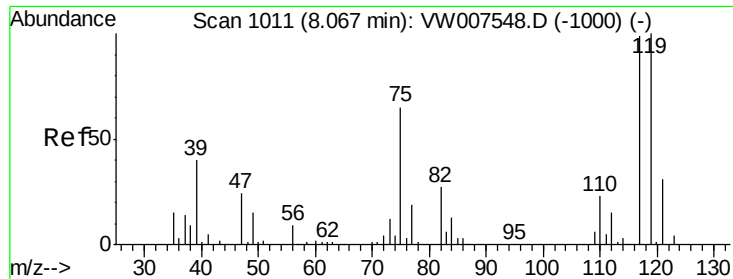
Tgt Ion	Ratio	Lower	Upper
75	100		
110	36.9	18.5	55.5
77	31.5	25.6	38.4



#37
 Ethyl Acetate
 Concen: 128.338 ug/l
 RT: 7.17 min Scan# 864
 Delta R.T. -0.08 min
 Lab File: VW007568.D
 Acq: 15 Dec 2018 07:32

Tgt Ion	Ratio	Lower	Upper
43	100		
61	132.3	12.1	18.1#
70	1.9	10.0	15.0#

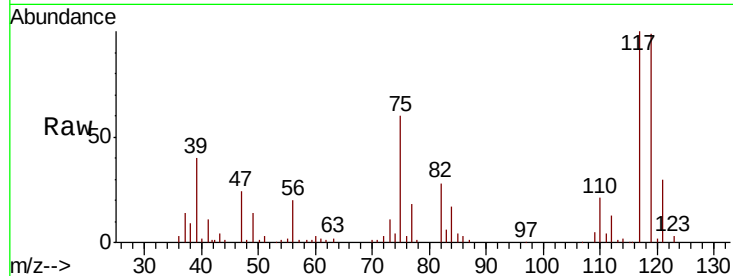




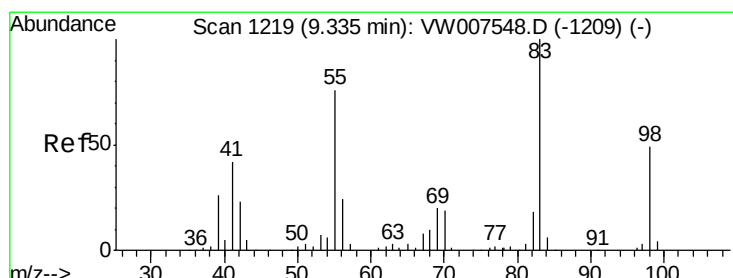
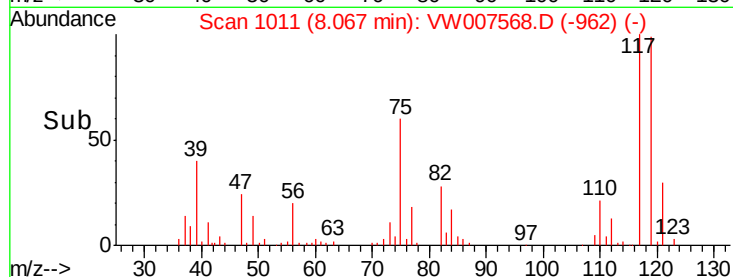
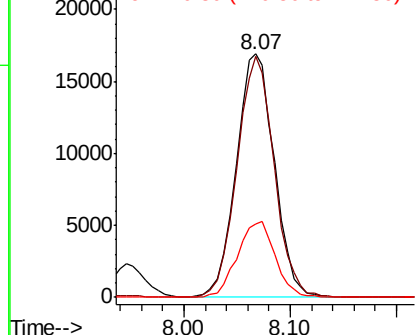
#38
Carbon Tetrachloride
Concen: 56.005 ug/l
RT: 8.07 min Scan# 1011
Delta R.T. 0.00 min
Lab File: VW007568.D
Acq: 15 Dec 2018 07:32

Instrument :
MSVOA_W
ClientSampleId :
P001-SS016-0006-01MS

Tgt Ion: 117 Resp: 42318
Ion Ratio Lower Upper
117 100
119 99.1 74.3 111.5
121 30.3 24.3 36.5

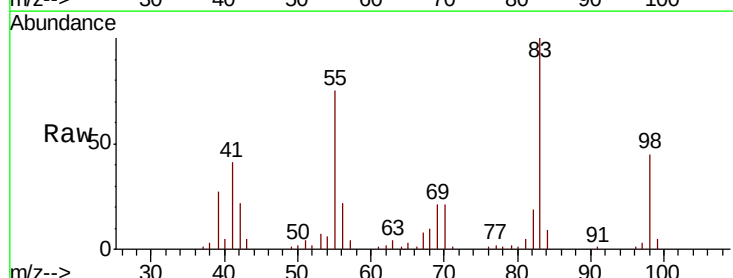


Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

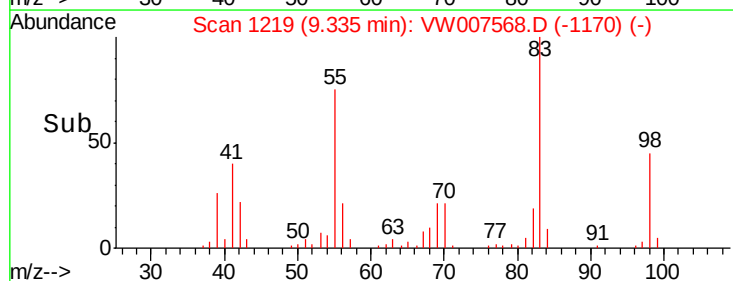
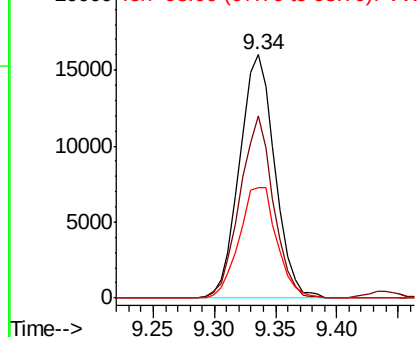


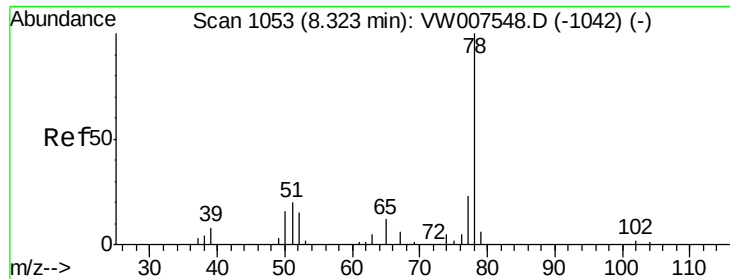
#39
Methylcyclohexane
Concen: 38.108 ug/l
RT: 9.34 min Scan# 1219
Delta R.T. 0.00 min
Lab File: VW007568.D
Acq: 15 Dec 2018 07:32

Tgt Ion: 83 Resp: 32045
Ion Ratio Lower Upper
83 100
55 74.6 62.8 94.2
98 45.2 42.2 63.2



Abundance Ion 83.00 (82.70 to 83.70): VW
Ion 55.00 (54.70 to 55.70): VW
Ion 98.00 (97.70 to 98.70): VW





#40

Benzene

Concen: 58.287 ug/l

RT: 8.32 min Scan# 1053

Delta R.T. 0.00 min

Lab File: VW007568.D

Acq: 15 Dec 2018 07:32

Instrument :

MSVOA_W

ClientSampleId :

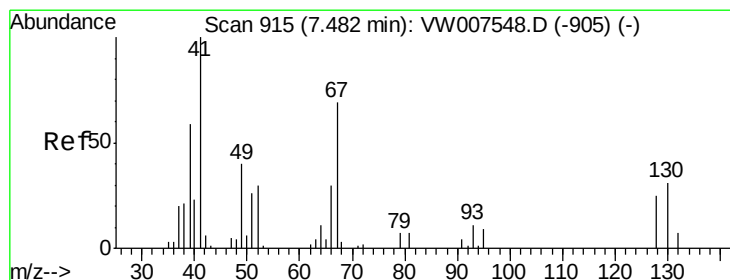
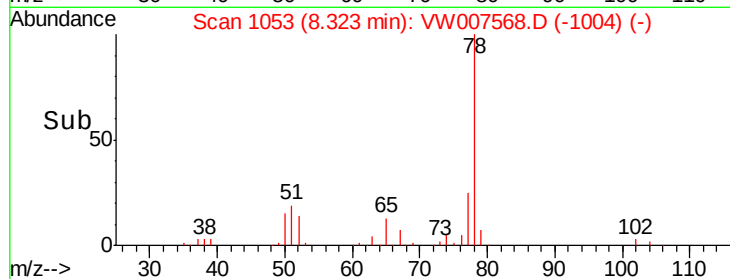
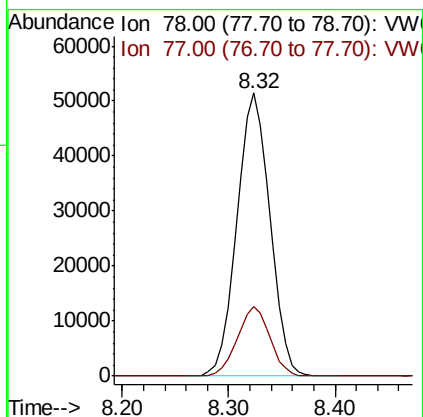
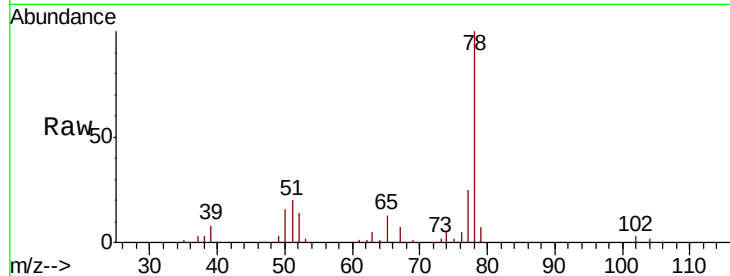
P001-SS016-0006-01MS

Tgt Ion: 78 Resp: 112330

Ion Ratio Lower Upper

78 100

77 24.6 18.8 28.2



#41

Methacrylonitrile

Concen: 127.343 ug/l

RT: 7.53 min Scan# 923

Delta R.T. 0.05 min

Lab File: VW007568.D

Acq: 15 Dec 2018 07:32

Tgt Ion: 41 Resp: 18730

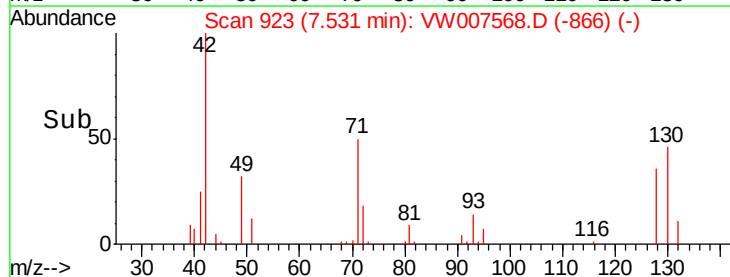
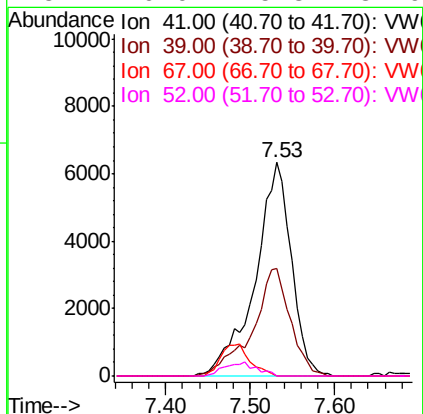
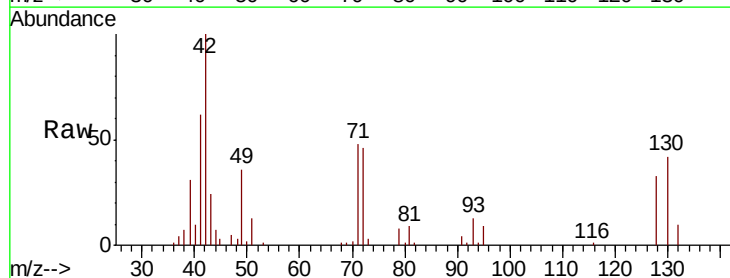
Ion Ratio Lower Upper

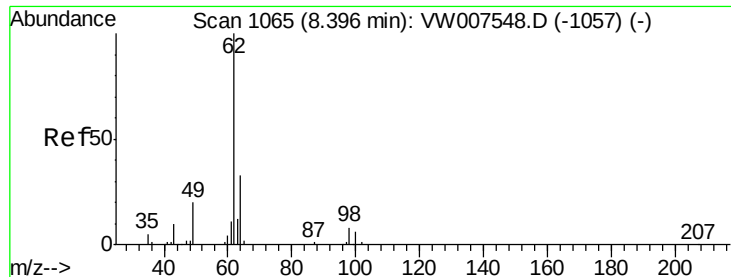
41 100

39 52.4 52.2 78.2

67 0.0 60.5 90.7#

52 0.0 25.3 37.9#

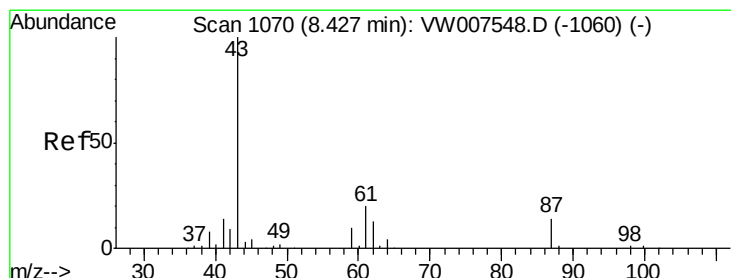
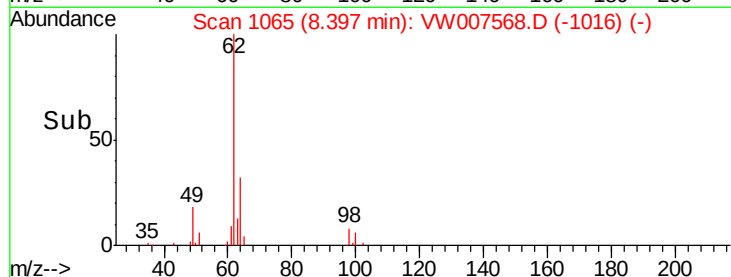
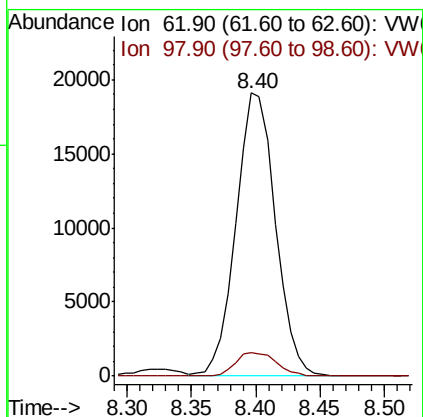
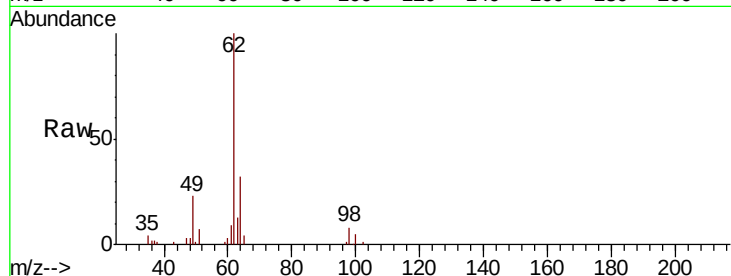




#42
 1,2-Dichloroethane
 Concen: 66.888 ug/l
 RT: 8.40 min Scan# 1065
 Delta R.T. 0.00 min
 Lab File: VW007568.D
 Acq: 15 Dec 2018 07:32

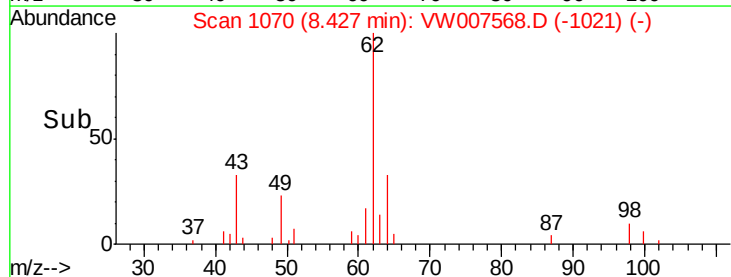
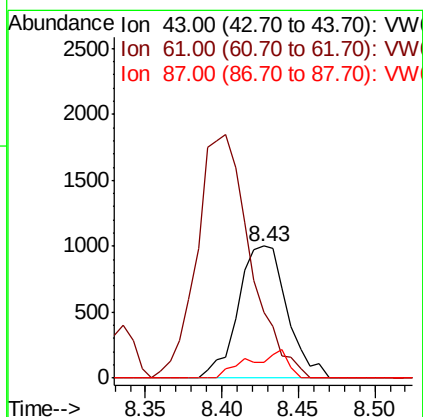
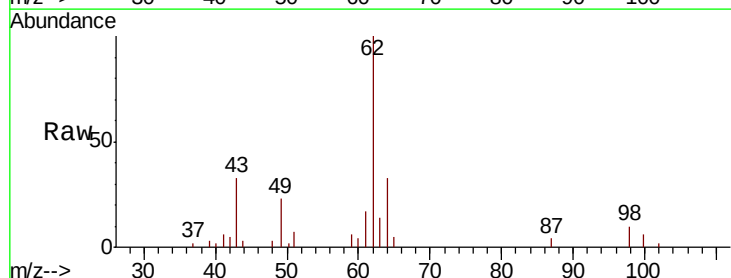
Instrument :
 MSVOA_W
 ClientSampleId :
 P001-SS016-0006-01MS

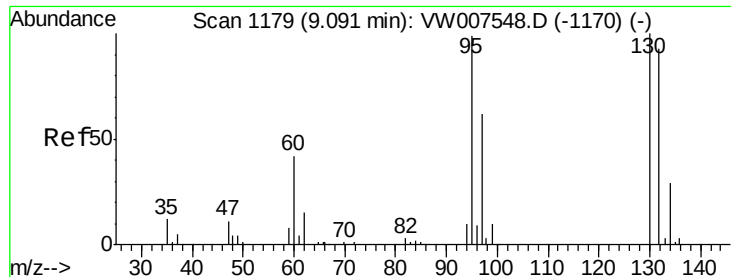
Tgt Ion: 62 Resp: 40493
 Ion Ratio Lower Upper
 62 100
 98 8.7 0.0 17.6



#43
 Isopropyl Acetate
 Concen: 4.353 ug/l
 RT: 8.43 min Scan# 1070
 Delta R.T. 0.00 min
 Lab File: VW007568.D
 Acq: 15 Dec 2018 07:32

Tgt Ion: 43 Resp: 2221
 Ion Ratio Lower Upper
 43 100
 61 0.0 25.3 37.9#
 87 17.0 11.8 17.8





#44

Trichloroethene

Concen: 51.540 ug/l

RT: 9.09 min Scan# 1179

Delta R.T. 0.00 min

Lab File: VW007568.D

Acq: 15 Dec 2018 07:32

Instrument :

MSVOA_W

ClientSampleId :

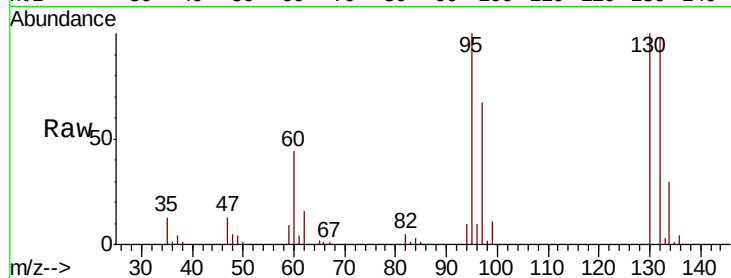
P001-SS016-0006-01MS

Tgt Ion:130 Resp: 28364

Ion Ratio Lower Upper

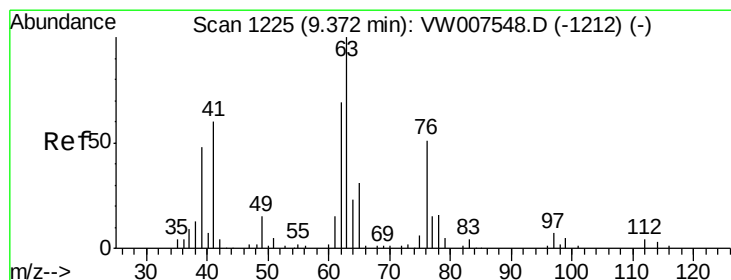
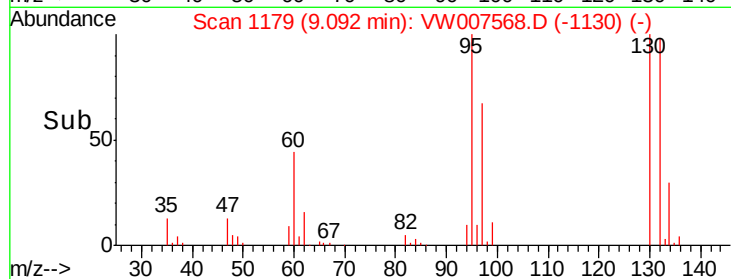
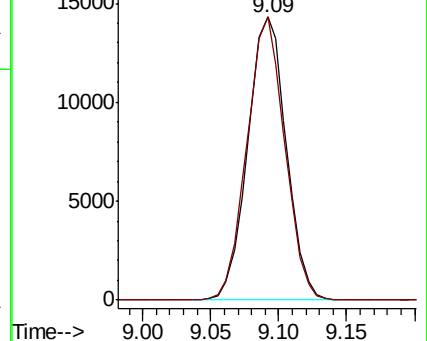
130 100

95 100.1 0.0 193.2



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VW



#45

1,2-Dichloropropane

Concen: 61.535 ug/l

RT: 9.37 min Scan# 1225

Delta R.T. 0.01 min

Lab File: VW007568.D

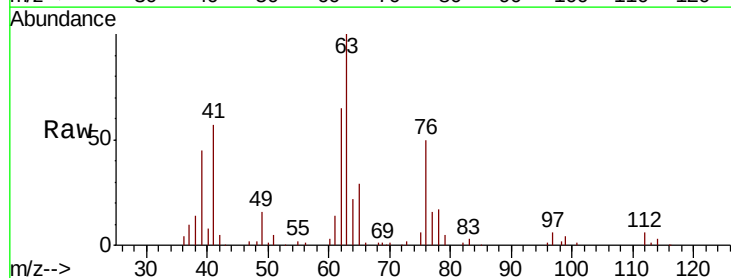
Acq: 15 Dec 2018 07:32

Tgt Ion: 63 Resp: 27443

Ion Ratio Lower Upper

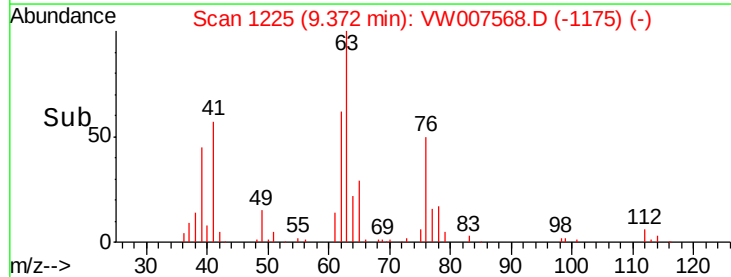
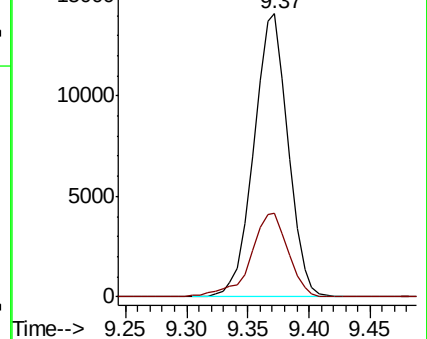
63 100

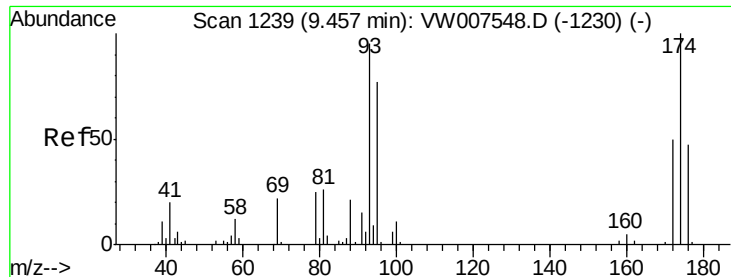
65 29.5 24.4 36.6



Abundance Ion 62.90 (62.60 to 63.60): VW

Ion 64.90 (64.60 to 65.60): VW

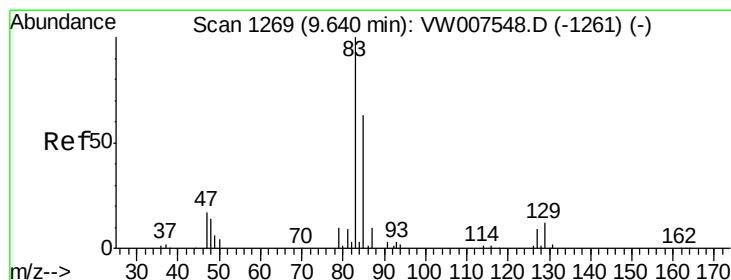
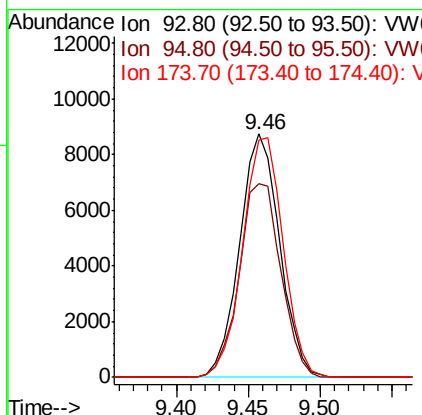
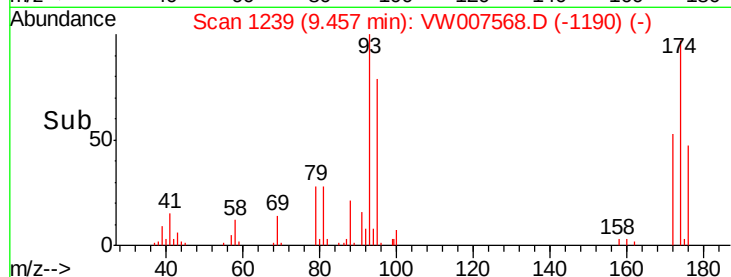
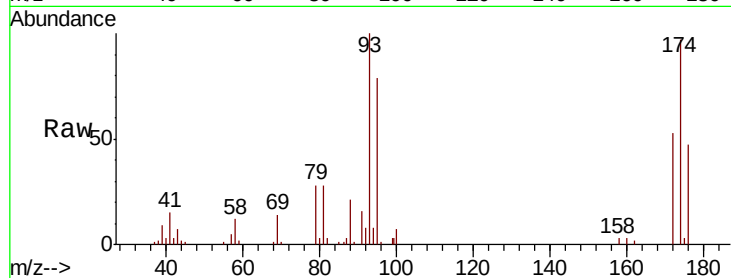




#46
Dibromomethane
Concen: 66.591 ug/l
RT: 9.46 min Scan# 1239
Delta R.T. 0.00 min
Lab File: VW007568.D
Acq: 15 Dec 2018 07:32

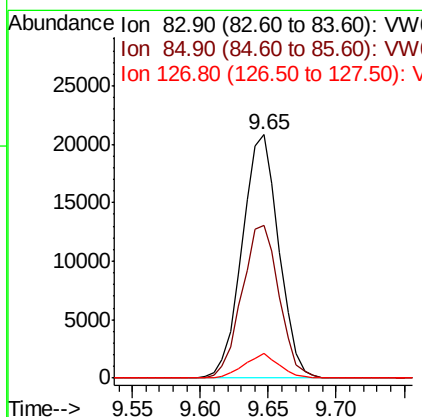
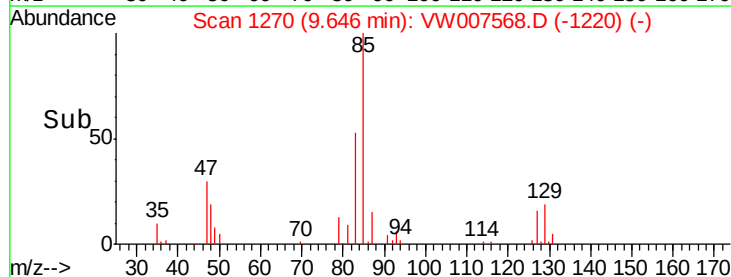
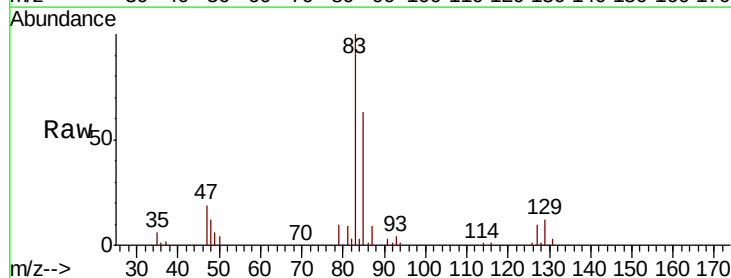
Instrument :
MSVOA_W
ClientSampleId :
P001-SS016-0006-01MS

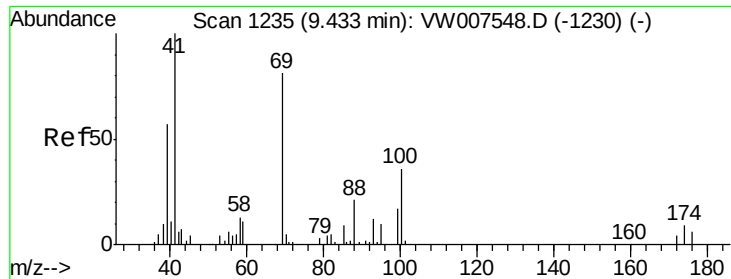
Tgt Ion: 93 Resp: 16865
Ion Ratio Lower Upper
93 100
95 82.5 68.0 102.0
174 99.3 83.2 124.8



#47
Bromodichloromethane
Concen: 58.942 ug/l
RT: 9.65 min Scan# 1270
Delta R.T. 0.01 min
Lab File: VW007568.D
Acq: 15 Dec 2018 07:32

Tgt Ion: 83 Resp: 39156
Ion Ratio Lower Upper
83 100
85 62.7 47.6 71.4
127 10.0 6.7 10.1

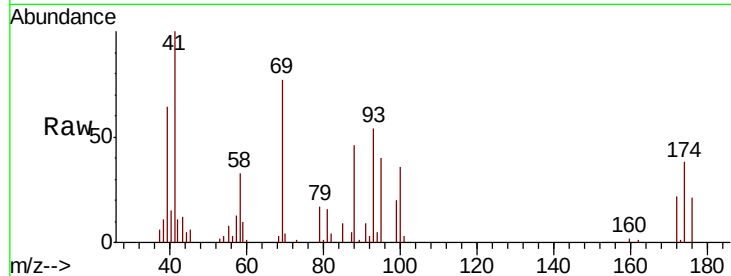




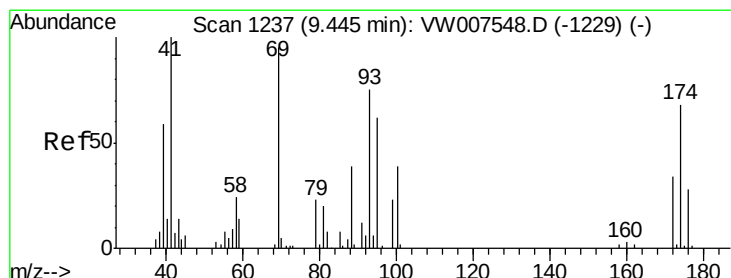
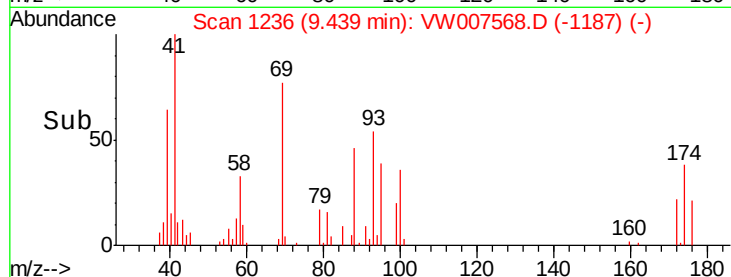
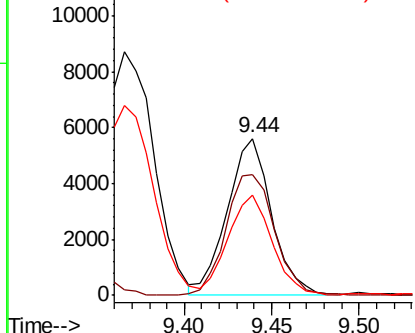
#48
Methyl methacrylate
Concen: 37.840 ug/l
RT: 9.44 min Scan# 1236
Delta R.T. 0.00 min
Lab File: VW007568.D
Acq: 15 Dec 2018 07:32

Instrument :
MSVOA_W
ClientSampleId :
P001-SS016-0006-01MS

Tgt Ion: 41 Resp: 9915
Ion Ratio Lower Upper
41 100
69 84.4 69.8 104.8
39 63.3 50.9 76.3

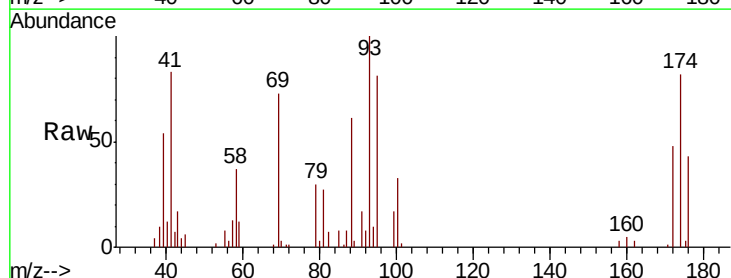


Abundance Ion 41.00 (40.70 to 41.70): VW
Ion 69.00 (68.70 to 69.70): VW
Ion 39.00 (38.70 to 39.70): VW

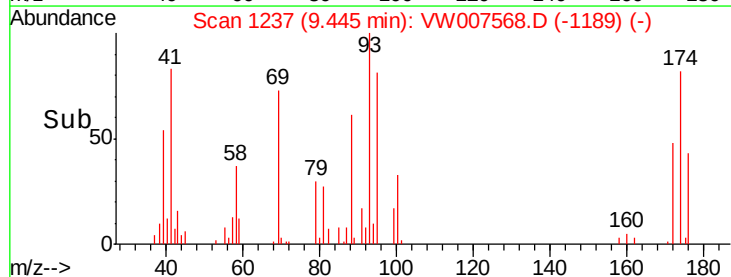
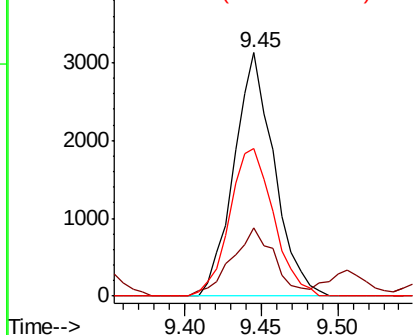


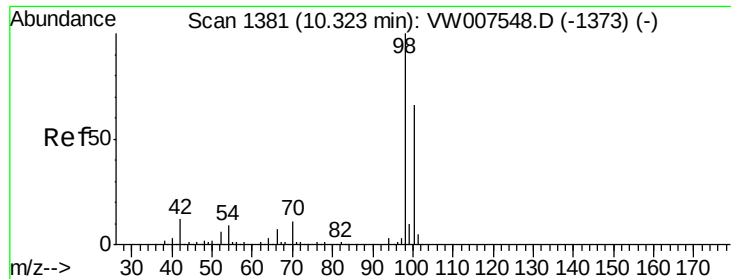
#49
1,4-Dioxane
Concen: 1386.351 ug/l
RT: 9.45 min Scan# 1237
Delta R.T. -0.01 min
Lab File: VW007568.D
Acq: 15 Dec 2018 07:32

Tgt Ion: 88 Resp: 5697
Ion Ratio Lower Upper
88 100
43 30.1 25.0 37.4
58 66.4 51.4 77.2



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





#50

Toluene-d8

Concen: 50.860 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. 0.00 min

Lab File: VW007568.D

Acq: 15 Dec 2018 07:32

Instrument :

MSVOA_W

ClientSampleId :

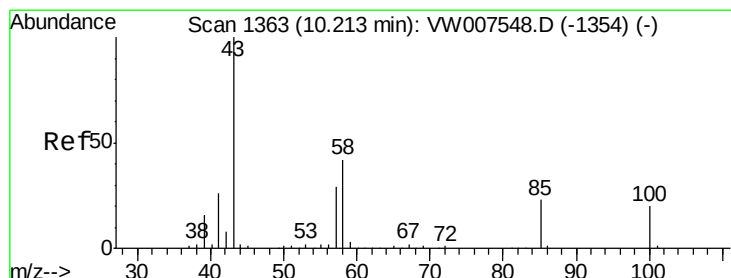
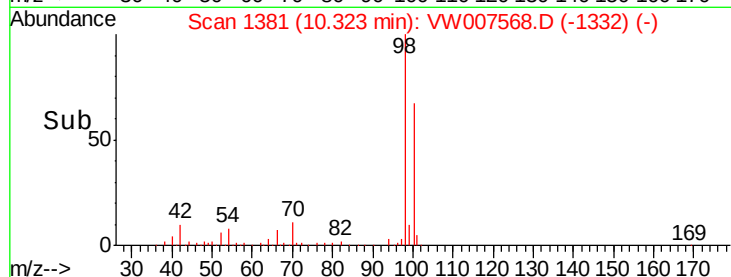
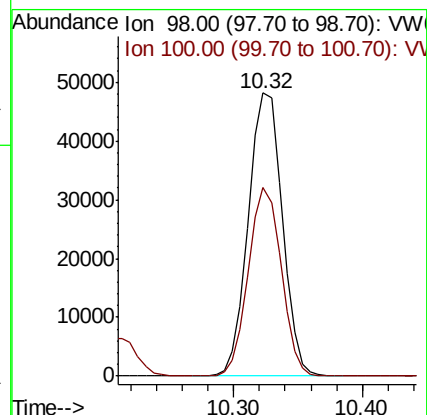
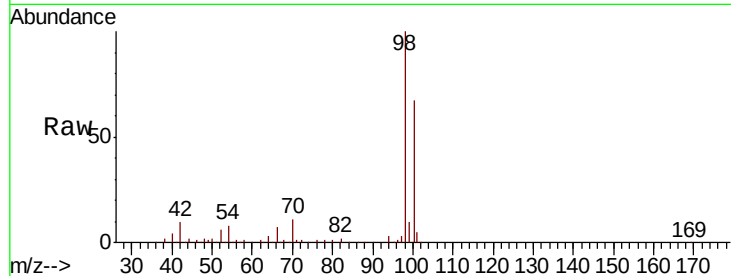
P001-SS016-0006-01MS

Tgt Ion: 98 Resp: 87876

Ion Ratio Lower Upper

98 100

100 64.5 51.8 77.8



#51

4-Methyl-2-Pentanone

Concen: 259.795 ug/l

RT: 10.21 min Scan# 1363

Delta R.T. 0.01 min

Lab File: VW007568.D

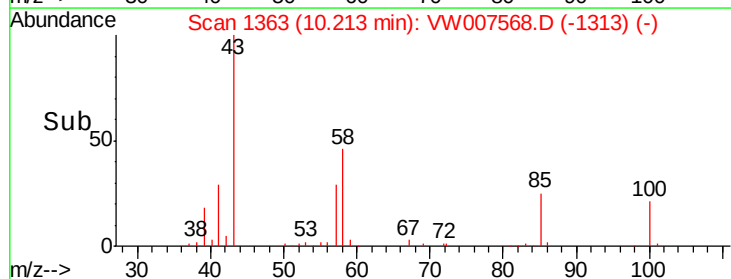
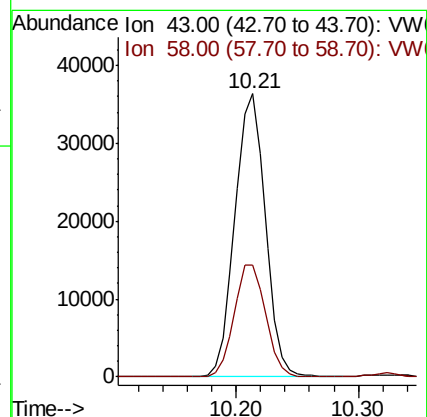
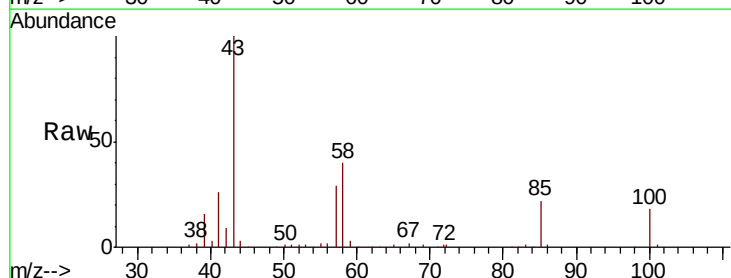
Acq: 15 Dec 2018 07:32

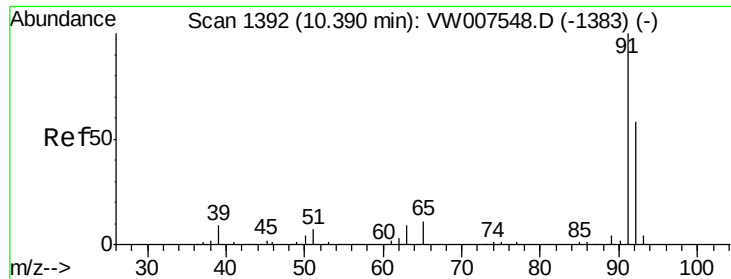
Tgt Ion: 43 Resp: 62628

Ion Ratio Lower Upper

43 100

58 40.8 33.1 49.7





#52

Toluene

Concen: 50.961 ug/l

RT: 10.39 min Scan# 1392

Delta R.T. 0.00 min

Lab File: VW007568.D

Acq: 15 Dec 2018 07:32

Instrument :

MSVOA_W

ClientSampleId :

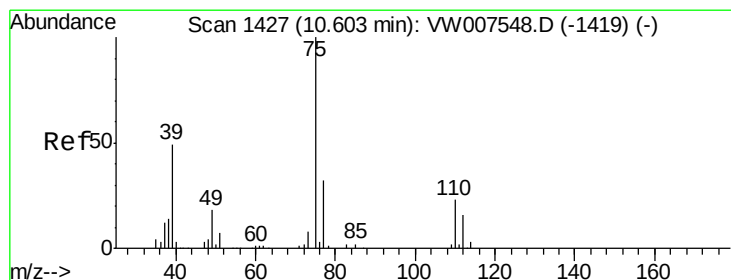
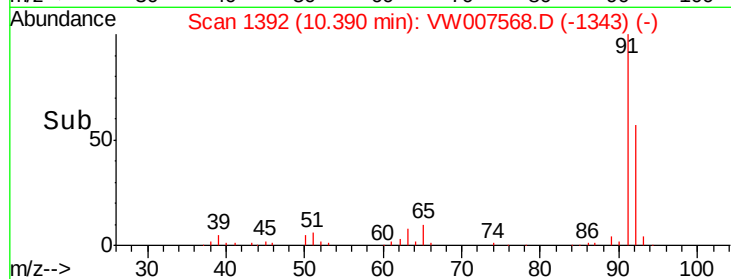
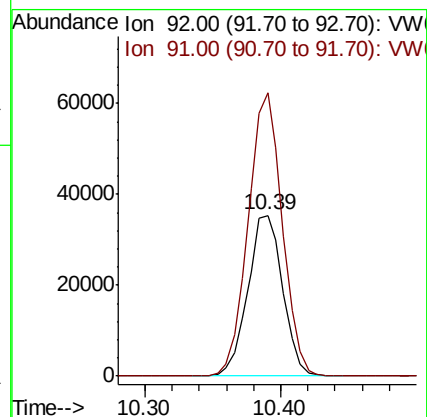
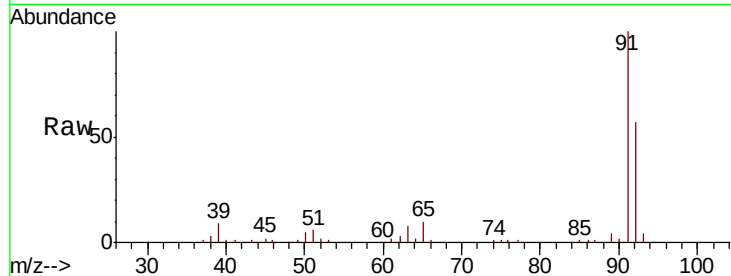
P001-SS016-0006-01MS

Tgt Ion: 92 Resp: 63557

Ion Ratio Lower Upper

92 100

91 171.9 136.2 204.2



#53

t-1,3-Dichloropropene

Concen: 40.873 ug/l

RT: 10.60 min Scan# 1427

Delta R.T. 0.00 min

Lab File: VW007568.D

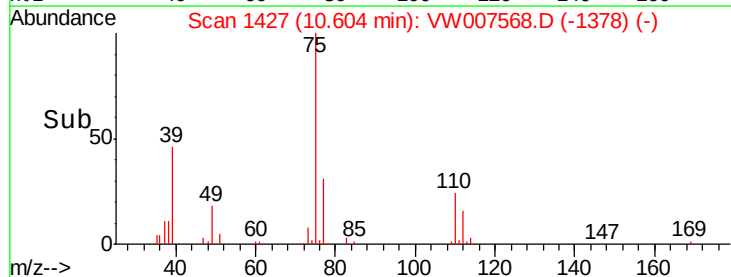
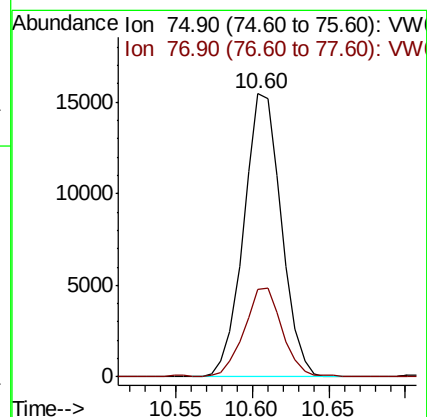
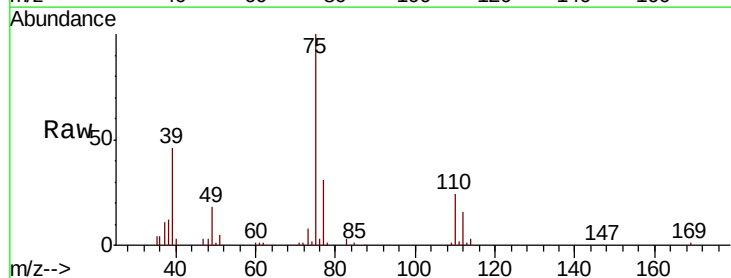
Acq: 15 Dec 2018 07:32

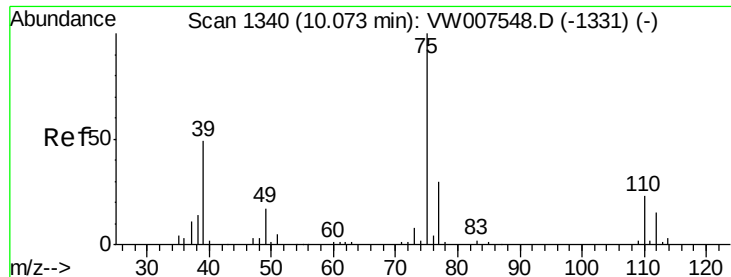
Tgt Ion: 75 Resp: 26360

Ion Ratio Lower Upper

75 100

77 30.7 26.2 39.4





#54

cis-1,3-Dichloropropene

Concen: 34.747 ug/l

RT: 10.07 min Scan# 1340

Delta R.T. 0.00 min

Lab File: VW007568.D

Acq: 15 Dec 2018 07:32

Instrument :

MSVOA_W

ClientSampleId :

P001-SS016-0006-01MS

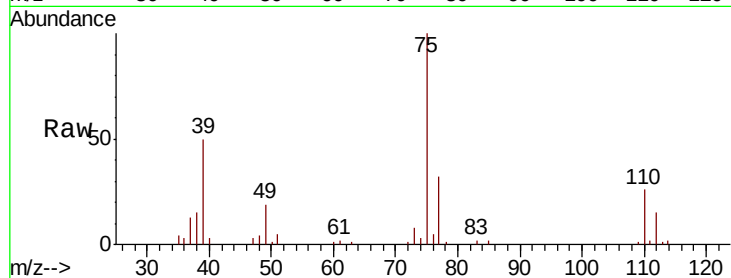
Tgt Ion: 75 Resp: 25906

Ion Ratio Lower Upper

75 100

77 31.7 24.8 37.2

39 50.4 40.9 61.3

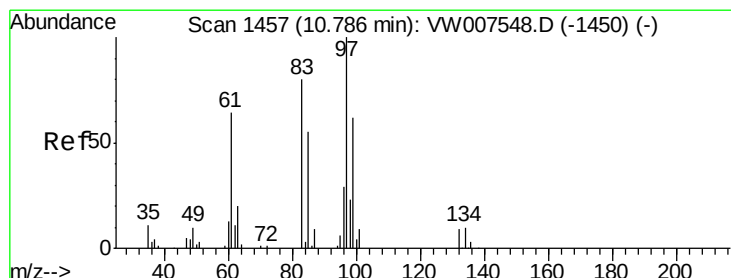
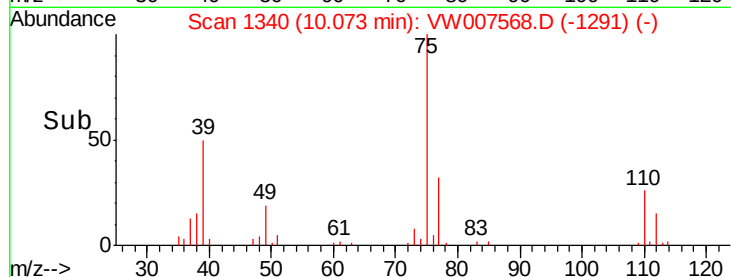
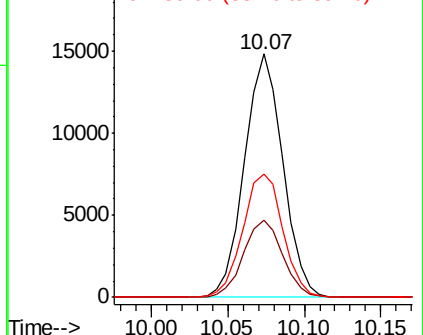


Abundance

Ion 74.90 (74.60 to 75.60): VW

Ion 76.90 (76.60 to 77.60): VW

Ion 39.00 (38.70 to 39.70): VW



#55

1,1,2-Trichloroethane

Concen: 63.120 ug/l

RT: 10.79 min Scan# 1457

Delta R.T. -0.01 min

Lab File: VW007568.D

Acq: 15 Dec 2018 07:32

Tgt Ion: 97 Resp: 21757

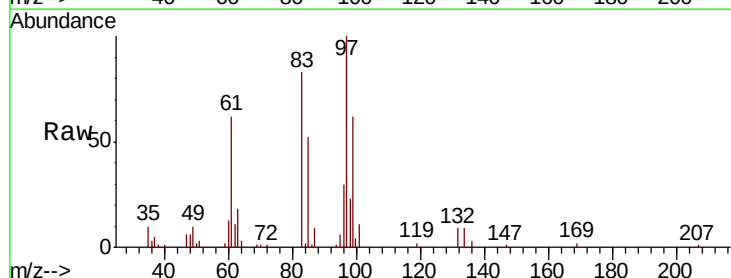
Ion Ratio Lower Upper

97 100

83 82.9 62.1 93.1

85 51.6 44.2 66.4

99 62.5 50.2 75.4



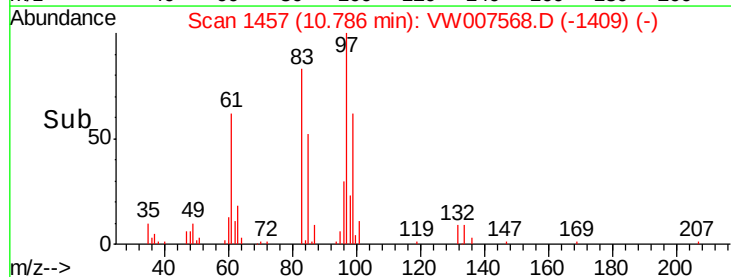
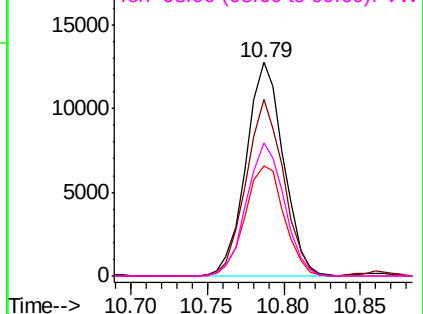
Abundance

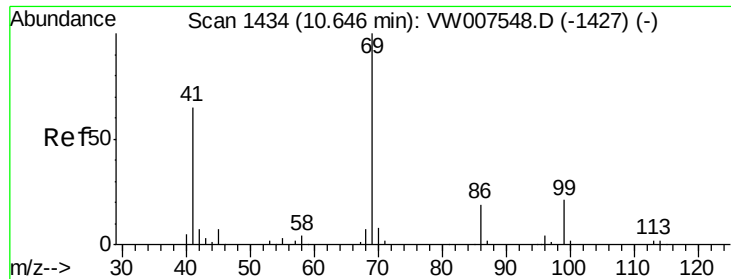
Ion 96.90 (96.60 to 97.60): VW

Ion 82.90 (82.60 to 83.60): VW

Ion 84.90 (84.60 to 85.60): VW

Ion 98.90 (98.60 to 99.60): VW

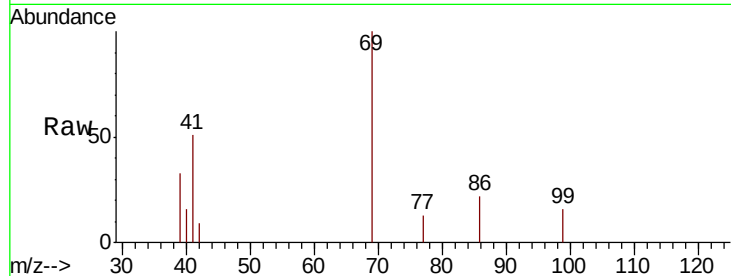




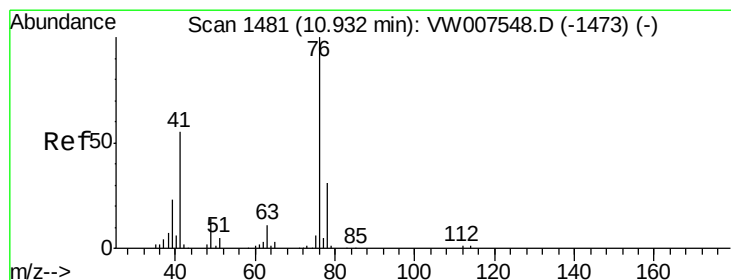
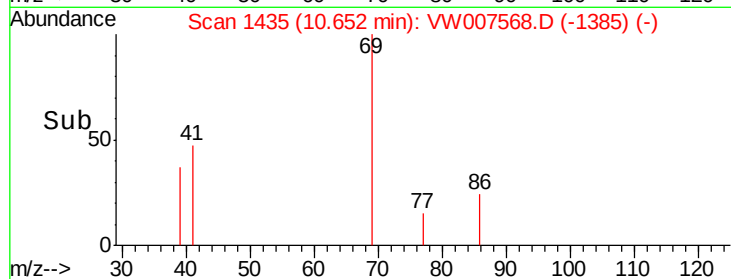
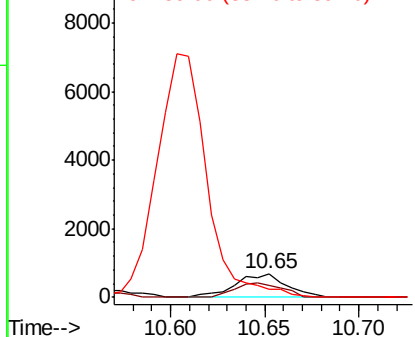
#56
Ethyl methacrylate
Concen: 3.090 ug/l
RT: 10.65 min Scan# 1435
Delta R.T. 0.01 min
Lab File: VW007568.D
Acq: 15 Dec 2018 07:32

Instrument :
MSVOA_W
ClientSampleId :
P001-SS016-0006-01MS

Tgt Ion: 69 Resp: 1280
Ion Ratio Lower Upper
69 100
41 55.9 51.0 76.6
39 0.0 30.8 46.2#

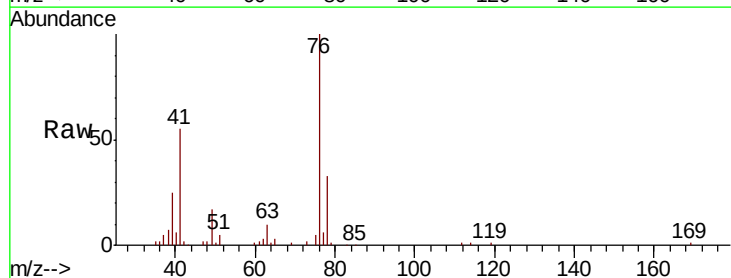


Abundance Ion 69.00 (68.70 to 69.70): VW
Ion 41.00 (40.70 to 41.70): VW
Ion 39.00 (38.70 to 39.70): VW

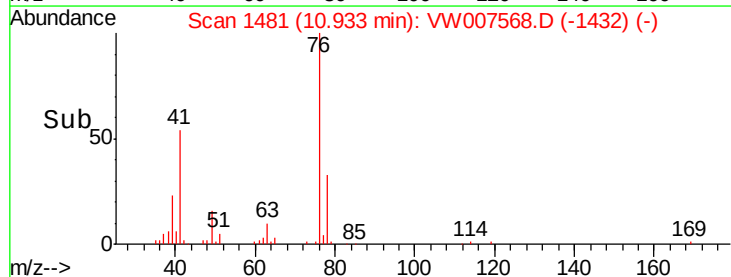
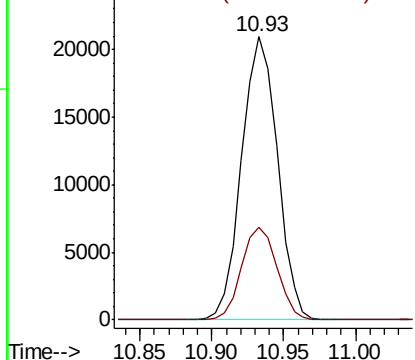


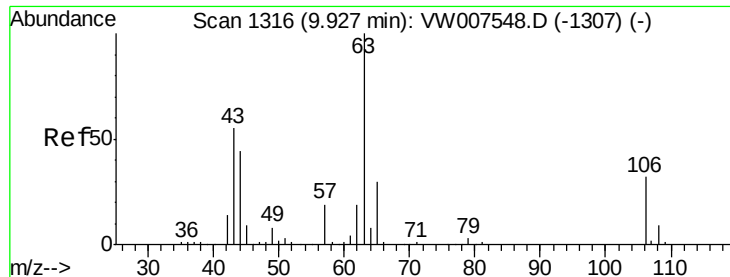
#57
1,3-Dichloropropane
Concen: 63.870 ug/l
RT: 10.93 min Scan# 1481
Delta R.T. 0.00 min
Lab File: VW007568.D
Acq: 15 Dec 2018 07:32

Tgt Ion: 76 Resp: 36135
Ion Ratio Lower Upper
76 100
78 32.4 26.2 39.4



Abundance Ion 75.90 (75.60 to 76.60): VW
Ion 77.90 (77.60 to 78.60): VW

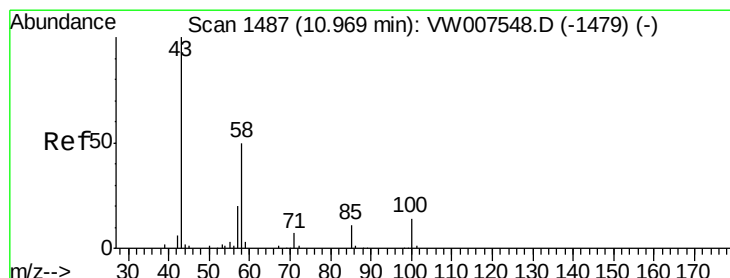
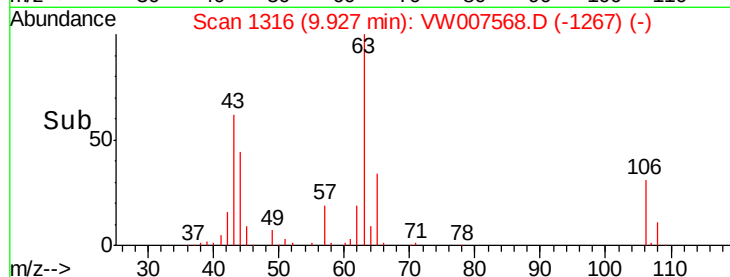
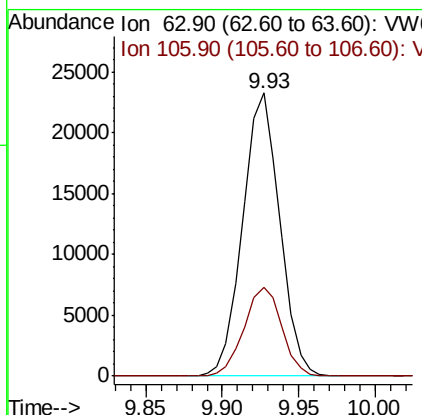
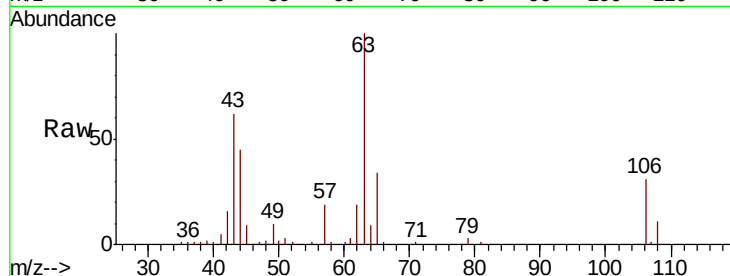




#58
 2-Chloroethyl Vinyl ether
 Concen: 205.249 ug/l
 RT: 9.93 min Scan# 1316
 Delta R.T. 0.00 min
 Lab File: VW007568.D
 Acq: 15 Dec 2018 07:32

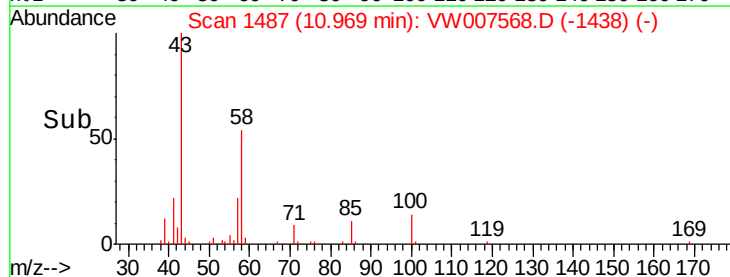
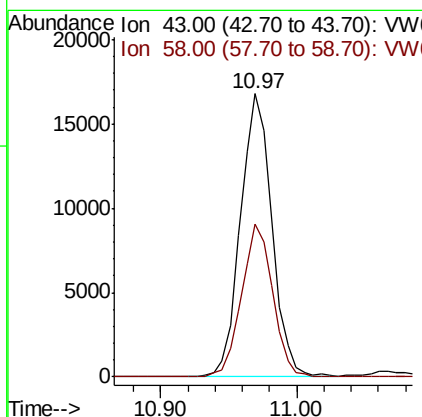
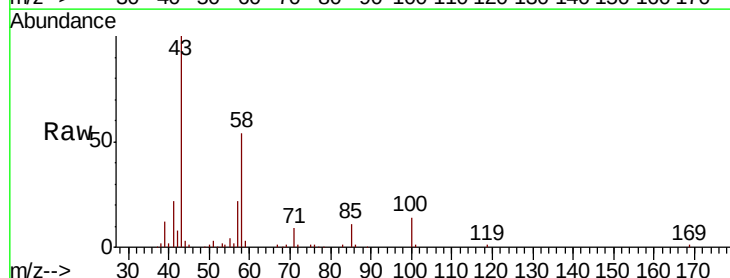
Instrument :
 MSVOA_W
 ClientSampleId :
 P001-SS016-0006-01MS

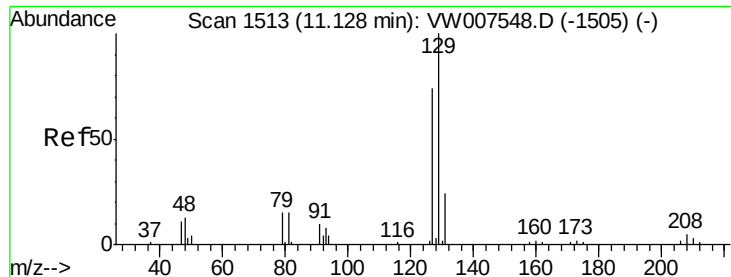
Tgt Ion: 63 Resp: 39214
 Ion Ratio Lower Upper
 63 100
 106 31.9 25.0 37.6



#59
 2-Hexanone
 Concen: 168.517 ug/l
 RT: 10.97 min Scan# 1487
 Delta R.T. 0.00 min
 Lab File: VW007568.D
 Acq: 15 Dec 2018 07:32

Tgt Ion: 43 Resp: 27088
 Ion Ratio Lower Upper
 43 100
 58 53.4 27.1 81.3





#60

Dibromochloromethane

Concen: 56.239 ug/l

RT: 11.13 min Scan# 1513

Delta R.T. 0.00 min

Lab File: VW007568.D

Acq: 15 Dec 2018 07:32

Instrument :

MSVOA_W

ClientSampleId :

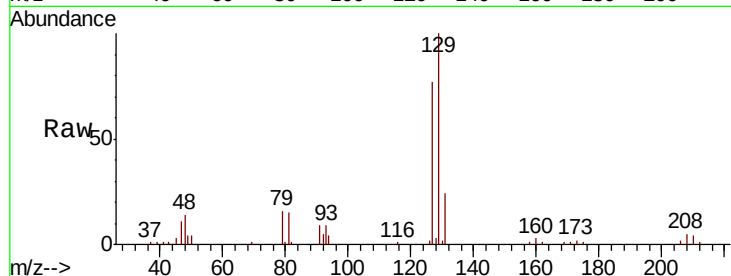
P001-SS016-0006-01MS

Tgt Ion:129 Resp: 24464

Ion Ratio Lower Upper

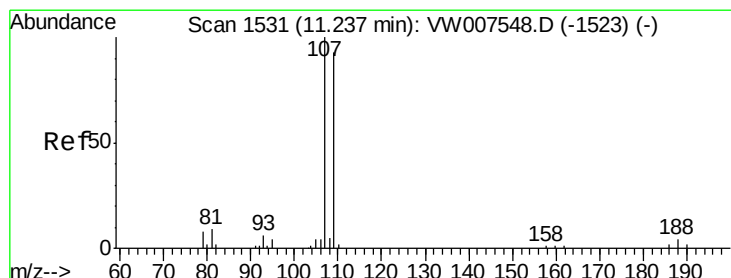
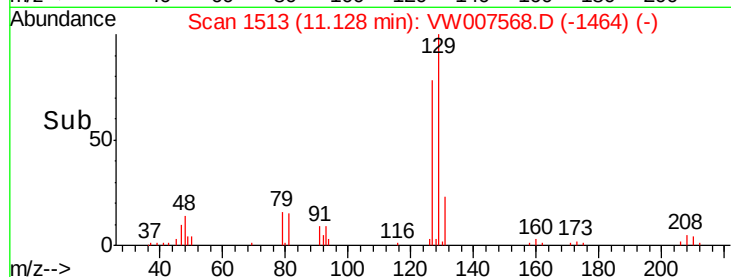
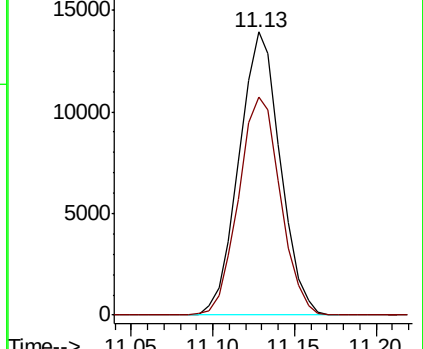
129 100

127 78.0 38.1 114.3



Abundance Ion 128.80 (128.50 to 129.50): V

Ion 126.80 (126.50 to 127.50): V



#61

1,2-Dibromoethane

Concen: 51.616 ug/l

RT: 11.24 min Scan# 1531

Delta R.T. 0.00 min

Lab File: VW007568.D

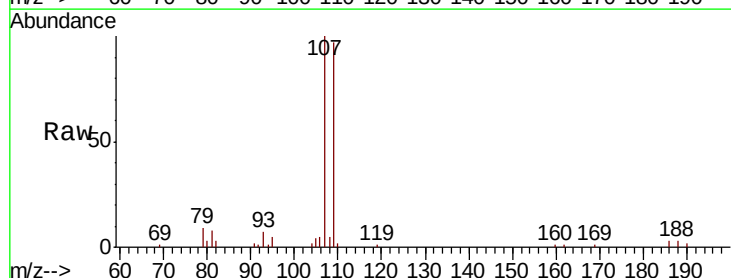
Acq: 15 Dec 2018 07:32

Tgt Ion:107 Resp: 17582

Ion Ratio Lower Upper

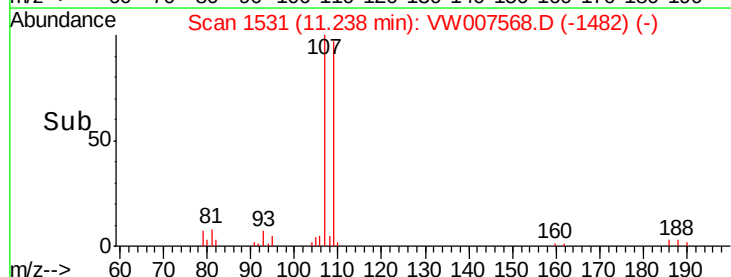
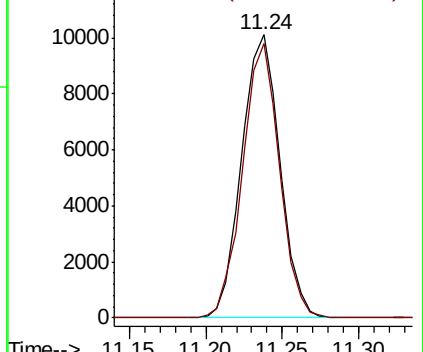
107 100

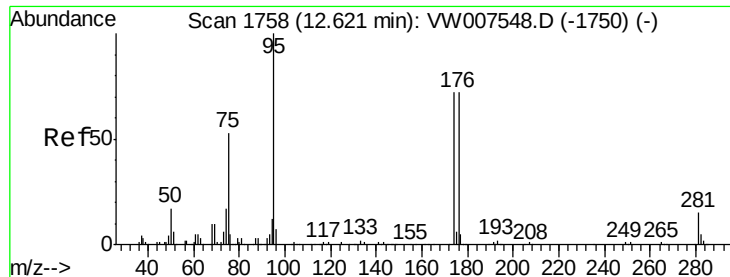
109 93.3 79.1 118.7



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

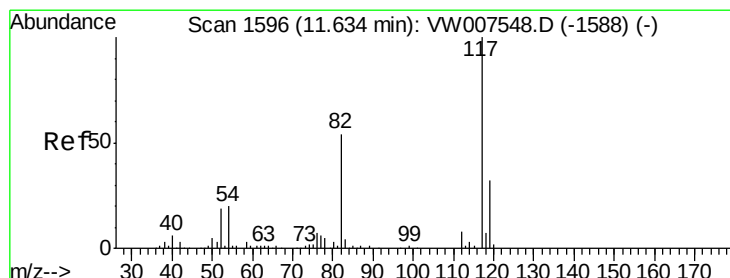
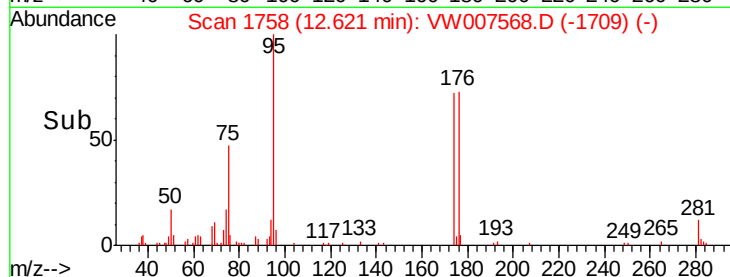
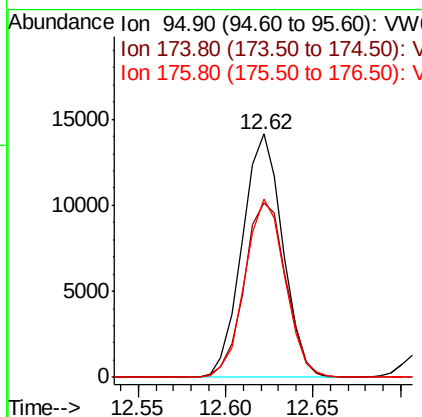
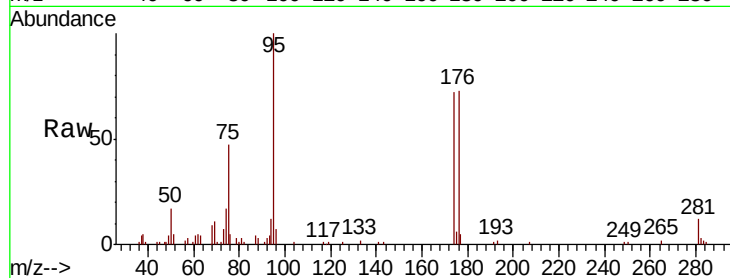




#62
4-Bromofluorobenzene
Concen: 35.659 ug/l
RT: 12.62 min Scan# 1758
Delta R.T. 0.00 min
Lab File: VW007568.D
Acq: 15 Dec 2018 07:32

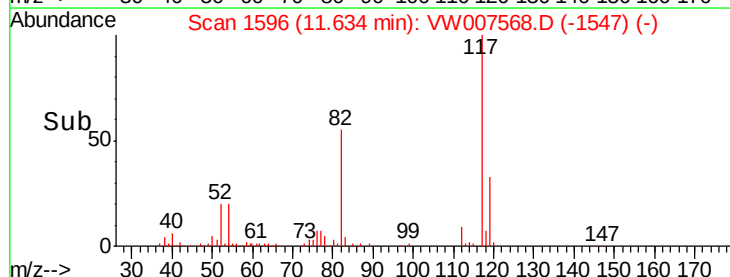
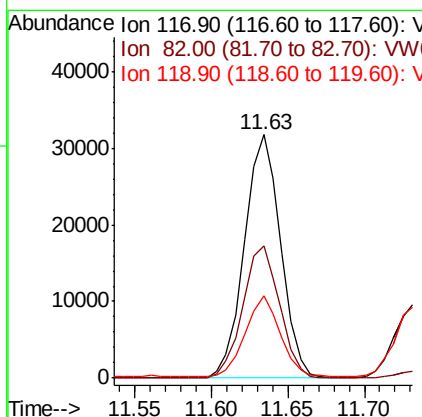
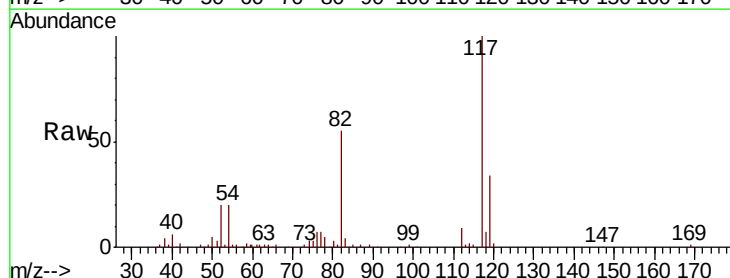
Instrument :
MSVOA_W
ClientSampleId :
P001-SS016-0006-01MS

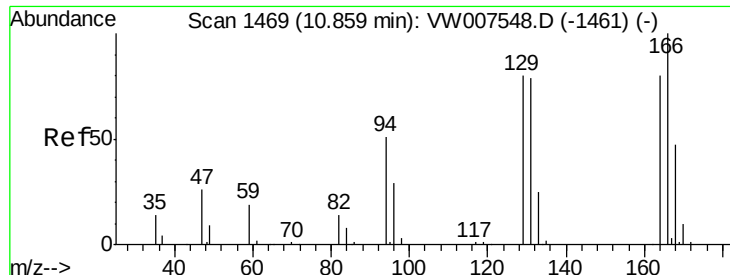
Tgt Ion: 95 Resp: 22653
Ion Ratio Lower Upper
95 100
174 74.7 0.0 147.2
176 73.0 0.0 138.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.00 min
Lab File: VW007568.D
Acq: 15 Dec 2018 07:32

Tgt Ion: 117 Resp: 52203
Ion Ratio Lower Upper
117 100
82 54.5 42.3 63.5
119 33.2 23.0 34.6





#64

Tetrachloroethene

Concen: 51.022 ug/l

RT: 10.87 min Scan# 1470

Delta R.T. 0.00 min

Lab File: VW007568.D

Acq: 15 Dec 2018 07:32

Instrument :

MSVOA_W

ClientSampleId :

P001-SS016-0006-01MS

Tgt Ion:164 Resp: 19154

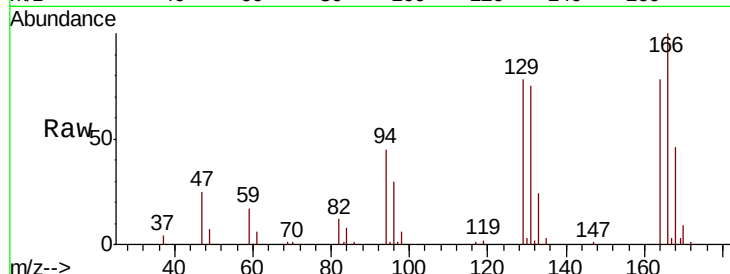
Ion Ratio Lower Upper

164 100

166 127.5 107.9 161.9

129 99.1 73.4 110.2

131 96.1 75.8 113.6

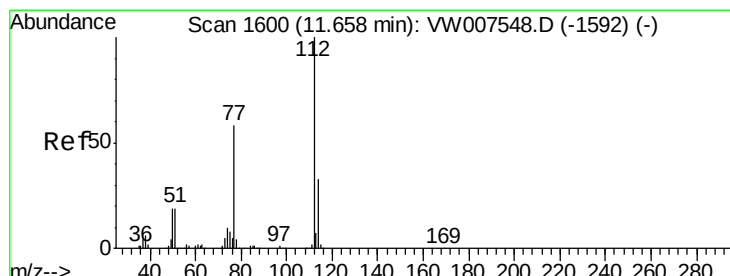
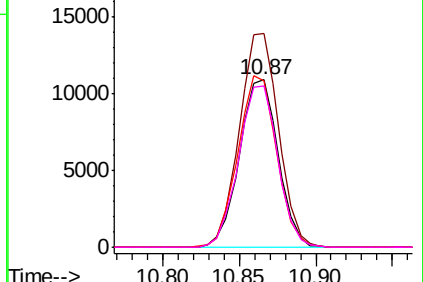
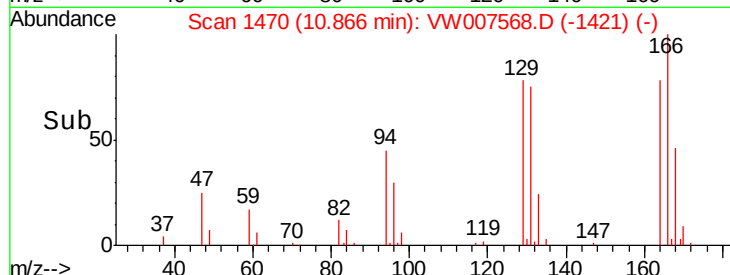


Abundance Ion 163.80 (163.50 to 164.50): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.80 (128.50 to 129.50): V

Ion 130.80 (130.50 to 131.50): V



#65

Chlorobenzene

Concen: 53.910 ug/l

RT: 11.66 min Scan# 1600

Delta R.T. 0.00 min

Lab File: VW007568.D

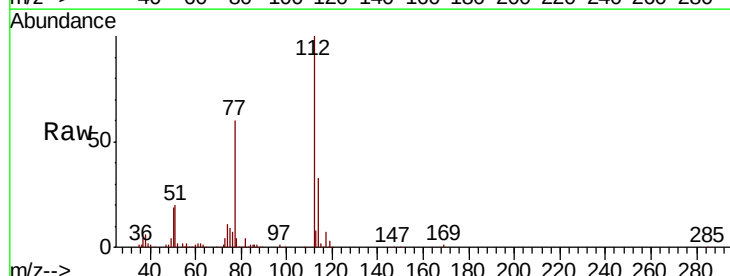
Acq: 15 Dec 2018 07:32

Tgt Ion:112 Resp: 58658

Ion Ratio Lower Upper

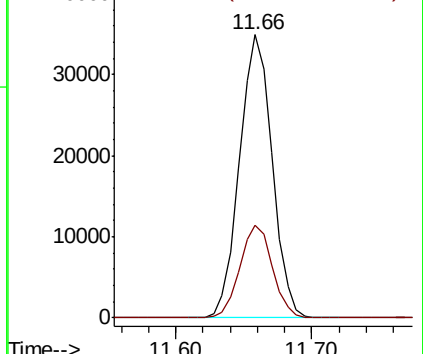
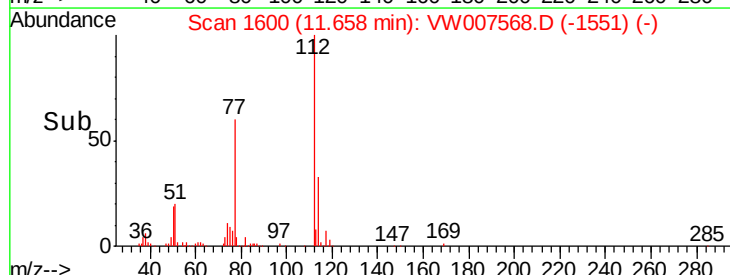
112 100

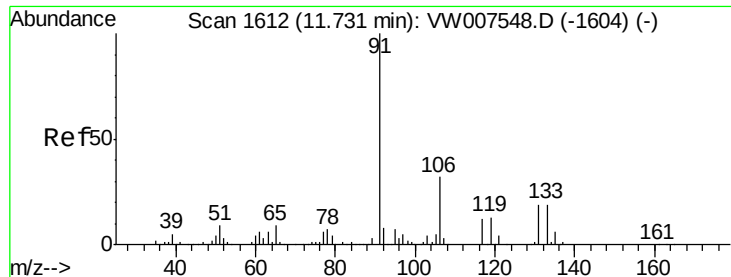
114 32.9 27.8 41.8



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V





#66

1,1,1,2-Tetrachloroethane

Concen: 64.705 ug/l

RT: 11.73 min Scan# 1612

Delta R.T. 0.00 min

Lab File: VW007568.D

Acq: 15 Dec 2018 07:32

Instrument :

MSVOA_W

ClientSampleId :

P001-SS016-0006-01MS

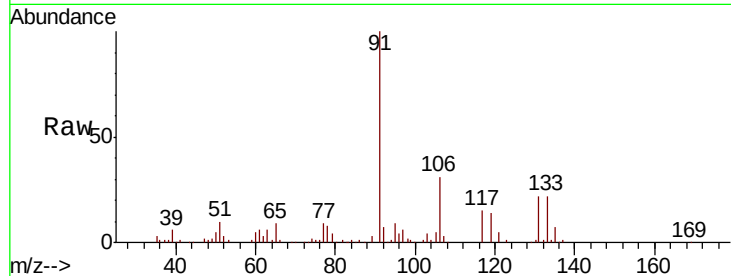
Tgt Ion:131 Resp: 24796

Ion Ratio Lower Upper

131 100

133 94.7 47.1 141.4

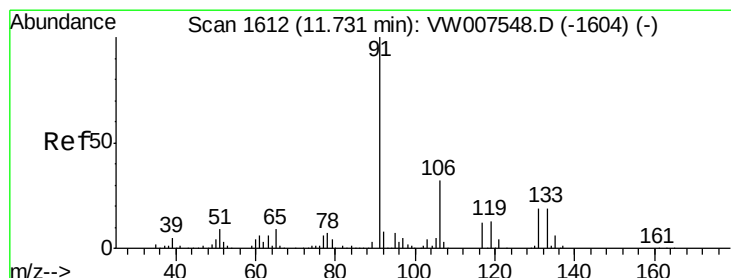
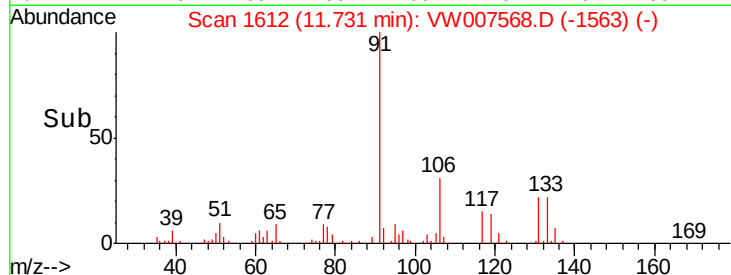
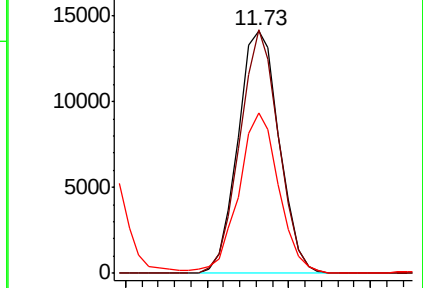
119 64.9 31.3 93.9



Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V



#67

Ethyl Benzene

Concen: 54.933 ug/l

RT: 11.73 min Scan# 1612

Delta R.T. 0.00 min

Lab File: VW007568.D

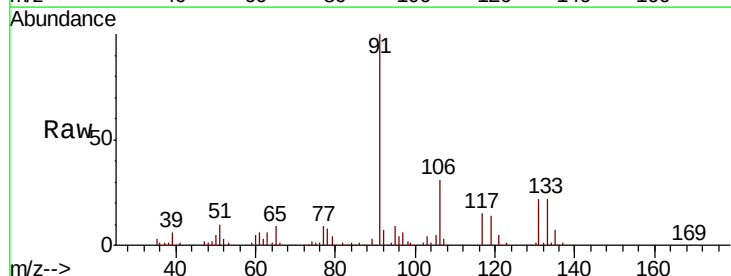
Acq: 15 Dec 2018 07:32

Tgt Ion: 91 Resp: 102764

Ion Ratio Lower Upper

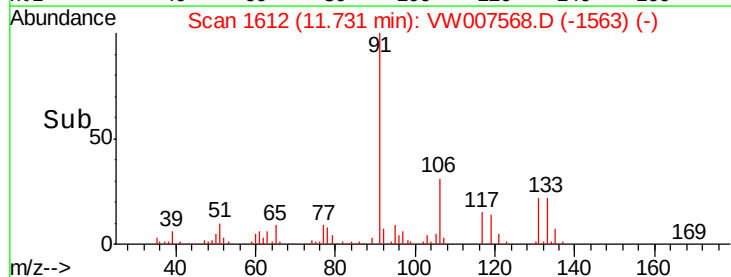
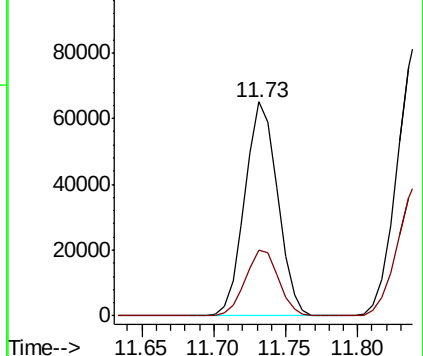
91 100

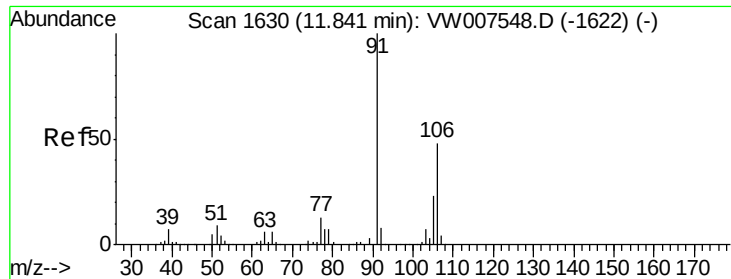
106 30.6 21.8 32.8



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 106.00 (105.70 to 106.70): V

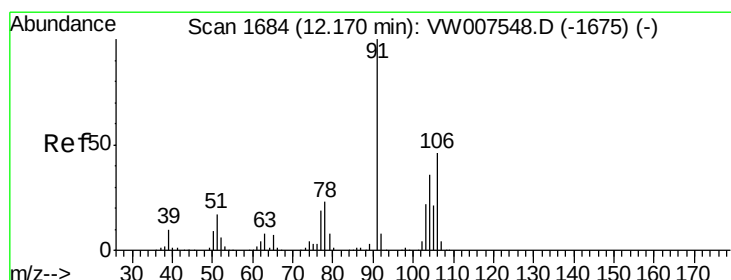
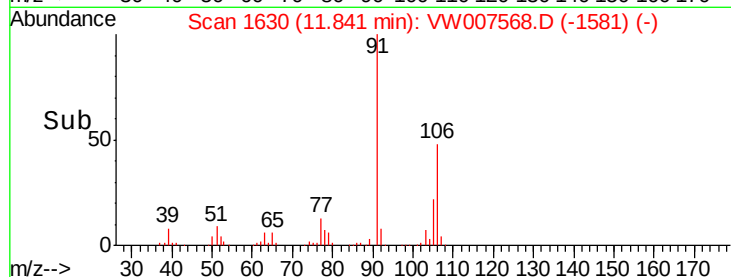
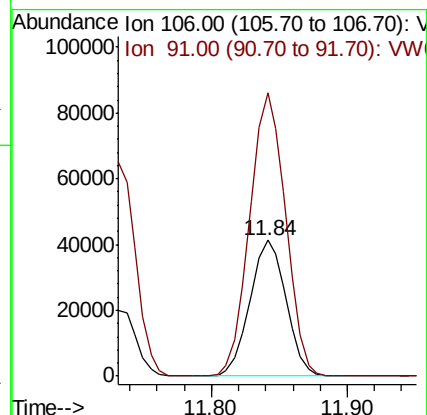
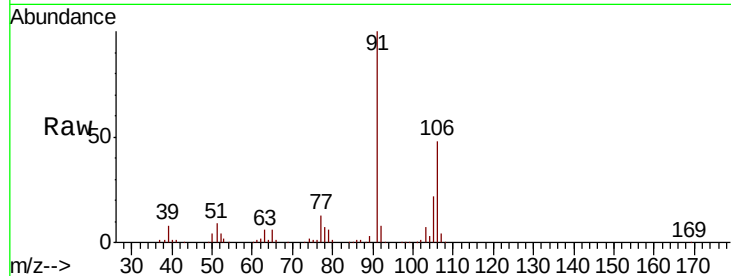




#68
m/p-Xylenes
Concen: 105.621 ug/l
RT: 11.84 min Scan# 1630
Delta R.T. 0.00 min
Lab File: VW007568.D
Acq: 15 Dec 2018 07:32

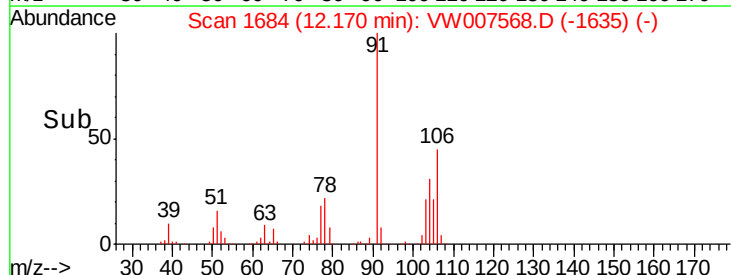
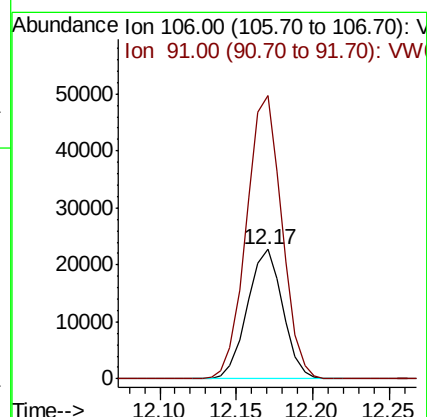
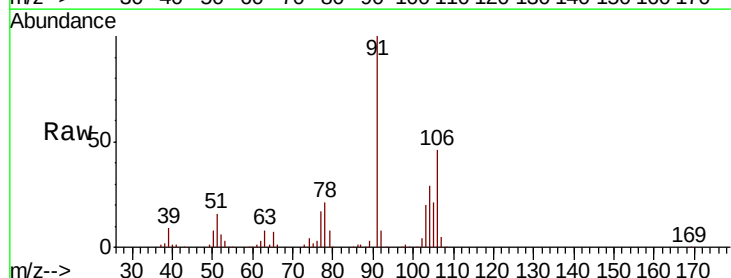
Instrument :
MSVOA_W
ClientSampleId :
P001-SS016-0006-01MS

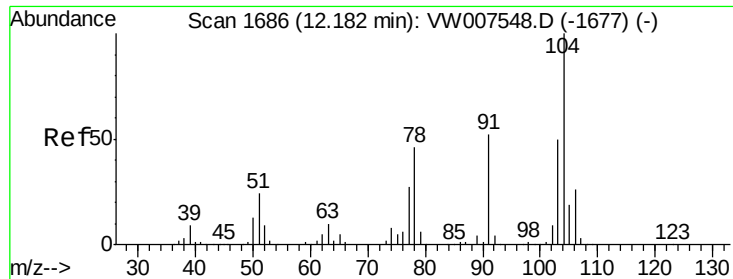
Tgt Ion:106 Resp: 76813
Ion Ratio Lower Upper
106 100
91 207.7 165.3 247.9



#69
o-Xylene
Concen: 53.781 ug/l
RT: 12.17 min Scan# 1684
Delta R.T. 0.00 min
Lab File: VW007568.D
Acq: 15 Dec 2018 07:32

Tgt Ion:106 Resp: 36528
Ion Ratio Lower Upper
106 100
91 218.7 106.6 319.8

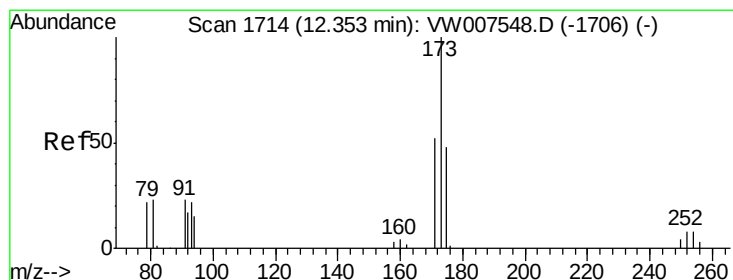
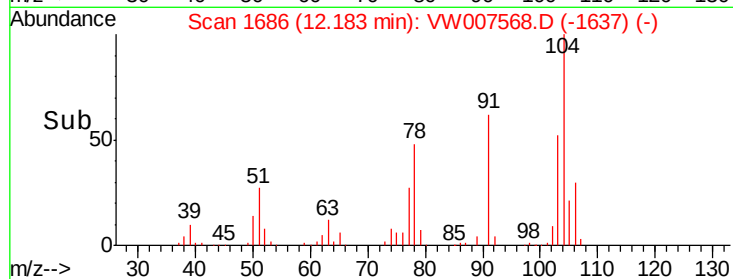
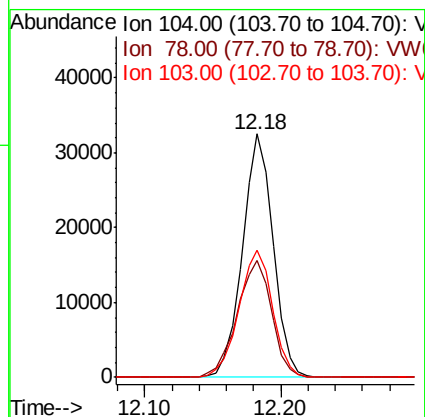
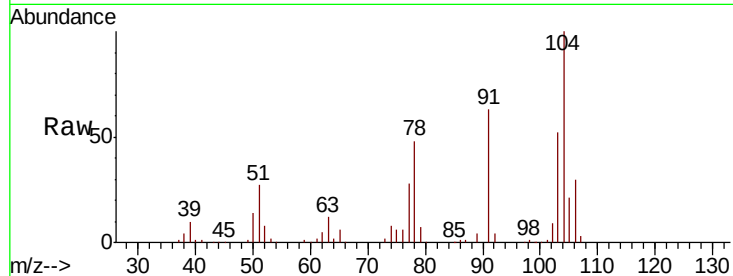




#70
Styrene
Concen: 46.638 ug/l
RT: 12.18 min Scan# 1686
Delta R.T. 0.00 min
Lab File: VW007568.D
Acq: 15 Dec 2018 07:32

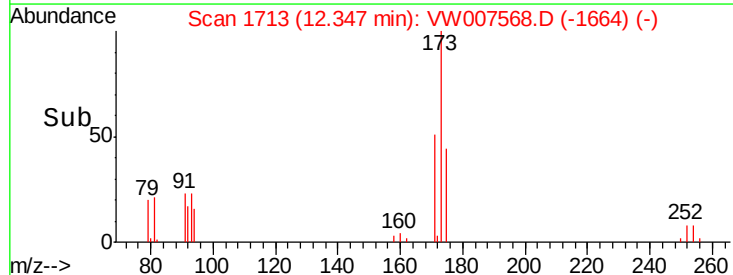
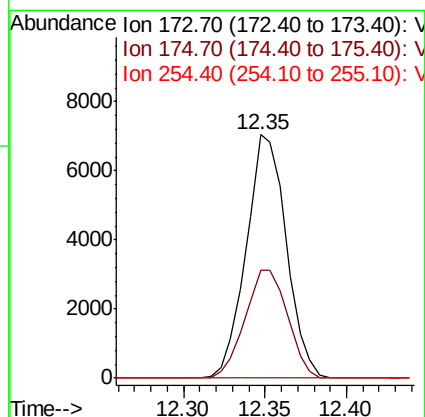
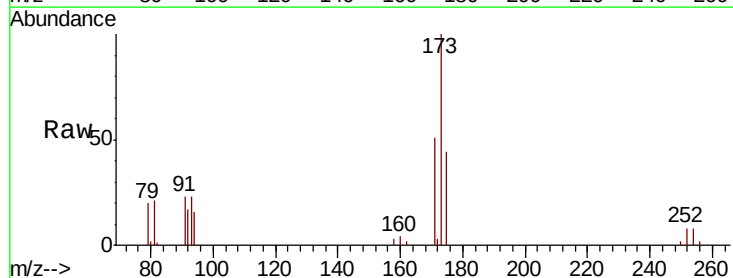
Instrument :
MSVOA_W
ClientSampleId :
P001-SS016-0006-01MS

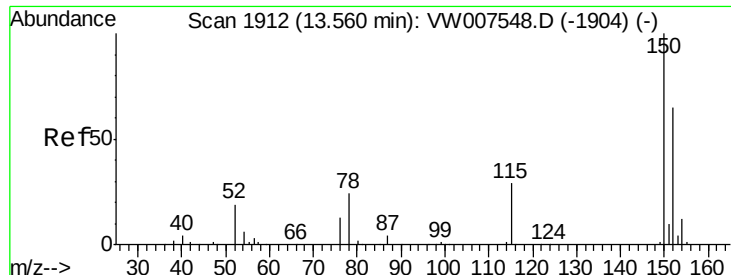
Tgt Ion:104 Resp: 51165
Ion Ratio Lower Upper
104 100
78 54.0 41.8 62.8
103 57.2 46.6 69.8



#71
Bromoform
Concen: 61.693 ug/l
RT: 12.35 min Scan# 1713
Delta R.T. 0.00 min
Lab File: VW007568.D
Acq: 15 Dec 2018 07:32

Tgt Ion:173 Resp: 12101
Ion Ratio Lower Upper
173 100
175 47.0 23.6 70.8
254 0.0 0.0 0.0

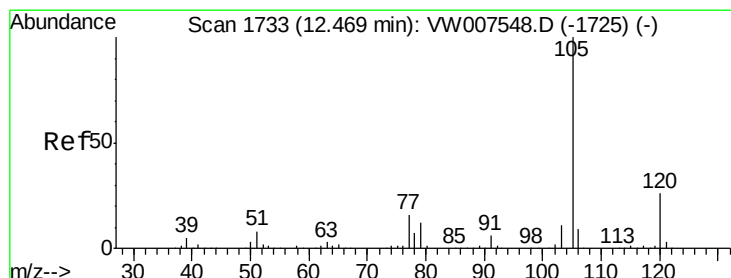
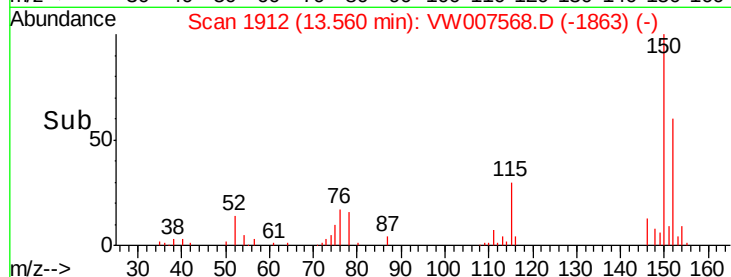
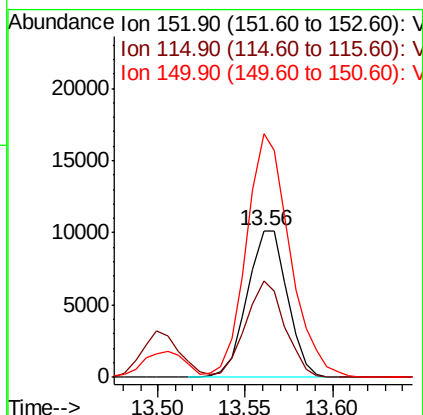
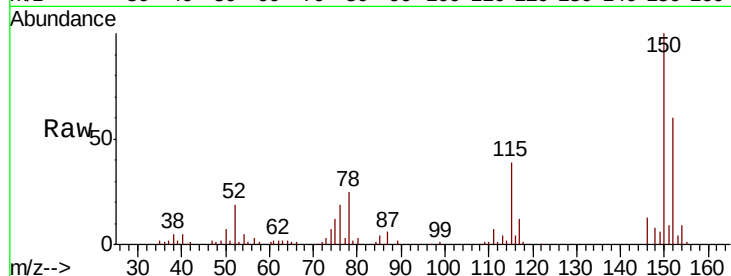




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.56 min Scan# 1912
 Delta R.T. 0.00 min
 Lab File: VW007568.D
 Acq: 15 Dec 2018 07:32

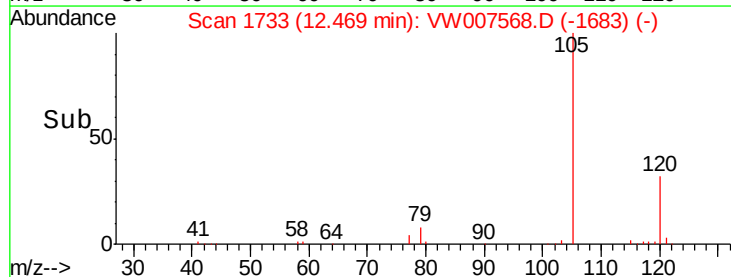
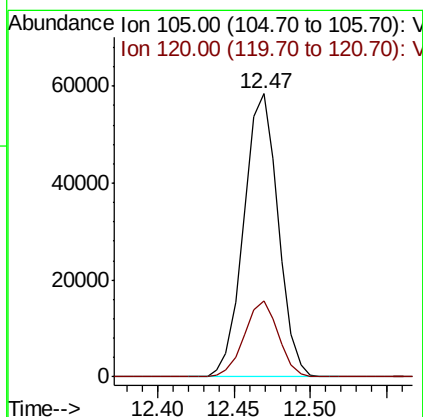
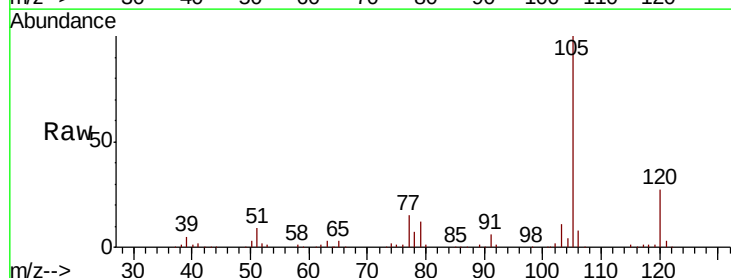
Instrument :
 MSVOA_W
 ClientSampleId :
 P001-SS016-0006-01MS

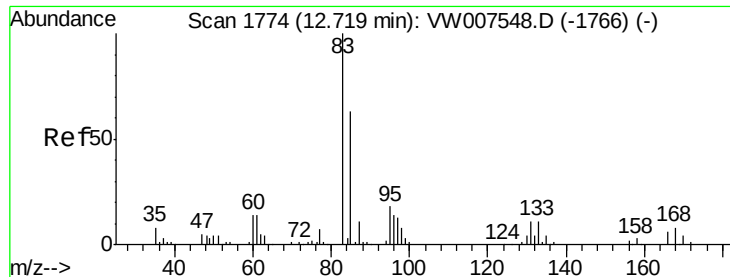
Tgt Ion:152 Resp: 16283
 Ion Ratio Lower Upper
 152 100
 115 64.2 31.4 94.2
 150 179.8 0.0 358.4



#73
 Isopropylbenzene
 Concen: 73.123 ug/l
 RT: 12.47 min Scan# 1733
 Delta R.T. 0.01 min
 Lab File: VW007568.D
 Acq: 15 Dec 2018 07:32

Tgt Ion:105 Resp: 91233
 Ion Ratio Lower Upper
 105 100
 120 26.6 12.8 38.4

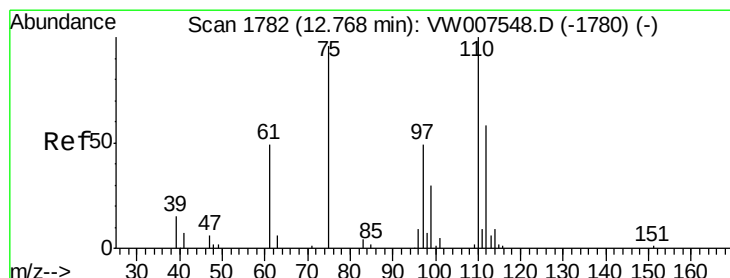
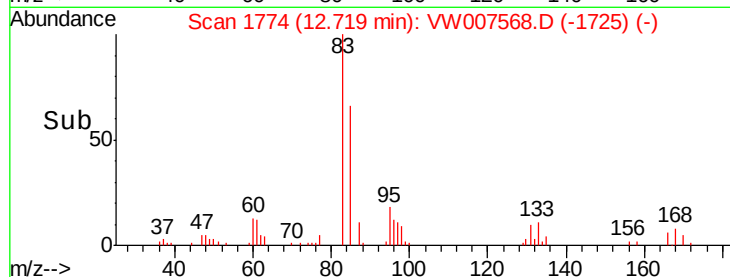
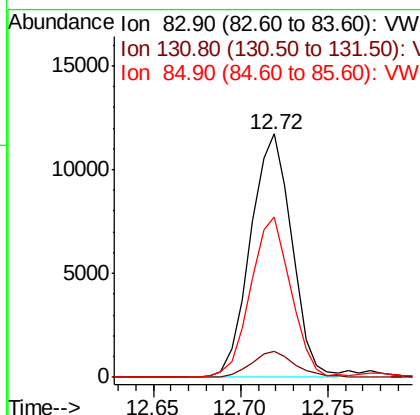
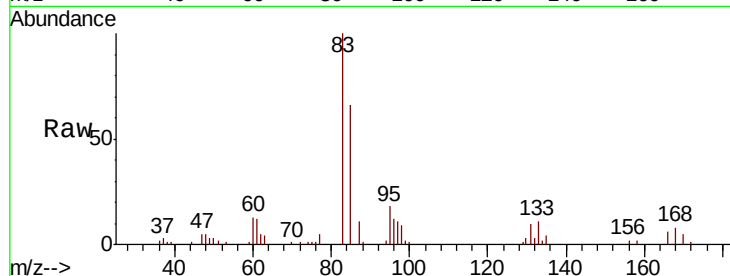




#75
 1,1,2,2-Tetrachloroethane
 Concen: 104.024 ug/l
 RT: 12.72 min Scan# 1774
 Delta R.T. 0.00 min
 Lab File: VW007568.D
 Acq: 15 Dec 2018 07:32

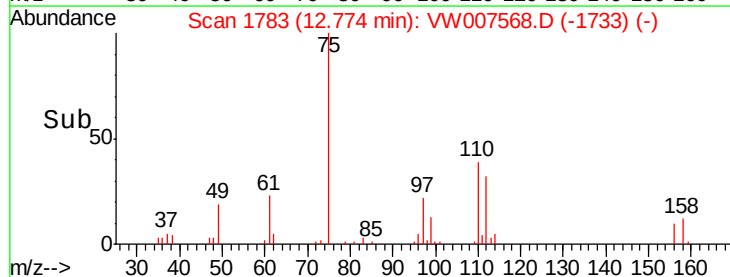
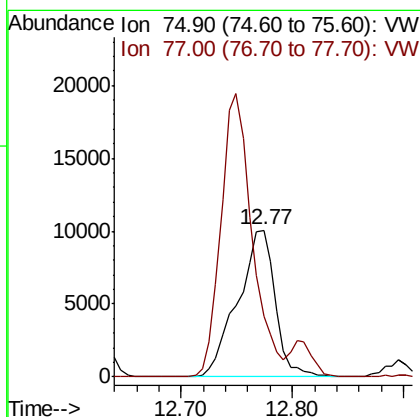
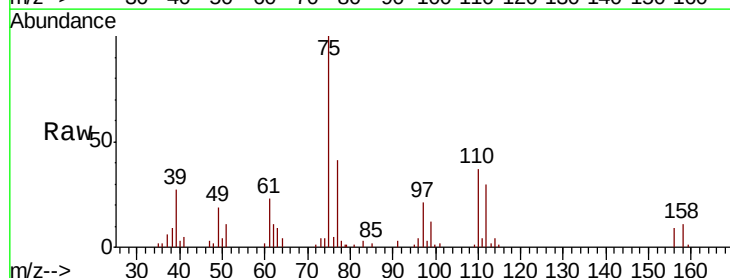
Instrument :
 MSVOA_W
 ClientSampleId :
 P001-SS016-0006-01MS

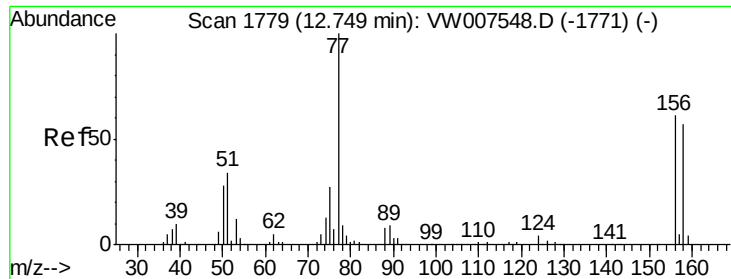
Tgt Ion: 83 Resp: 19223
 Ion Ratio Lower Upper
 83 100
 131 11.2 5.9 17.8
 85 64.5 30.0 90.0



#76
 1,2,3-Trichloropropane
 Concen: 175.617 ug/l
 RT: 12.77 min Scan# 1783
 Delta R.T. 0.01 min
 Lab File: VW007568.D
 Acq: 15 Dec 2018 07:32

Tgt Ion: 75 Resp: 23578
 Ion Ratio Lower Upper
 75 100
 77 0.0 166.9 500.8#





#77

Bromobenzene

Concen: 72.827 ug/l

RT: 12.75 min Scan# 1779

Delta R.T. 0.00 min

Lab File: VW007568.D

Acq: 15 Dec 2018 07:32

Instrument :

MSVOA_W

ClientSampleId :

P001-SS016-0006-01MS

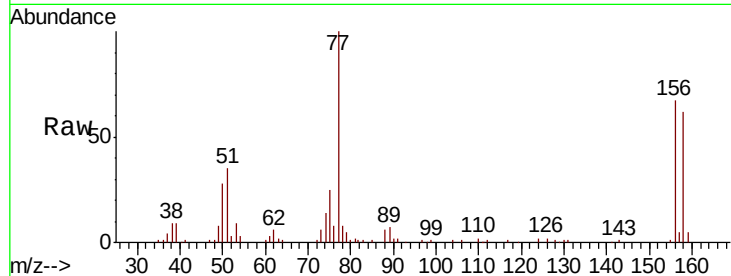
Tgt Ion: 156 Resp: 20141

Ion Ratio Lower Upper

156 100

77 188.2 88.1 264.4

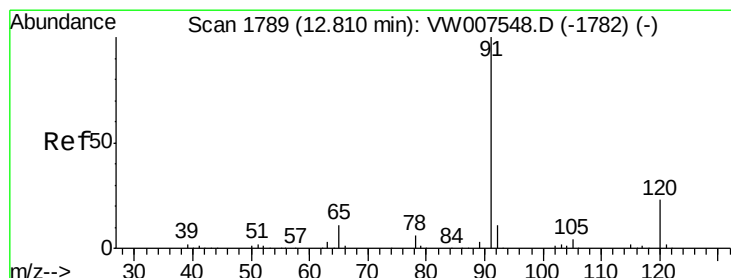
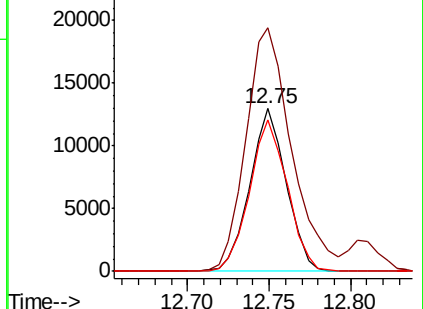
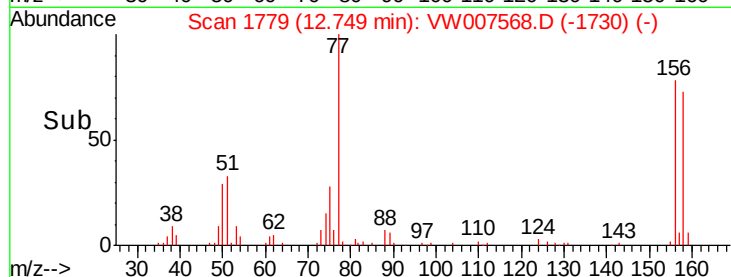
158 96.5 45.6 136.7



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: 65.768 ug/l

RT: 12.81 min Scan# 1789

Delta R.T. 0.01 min

Lab File: VW007568.D

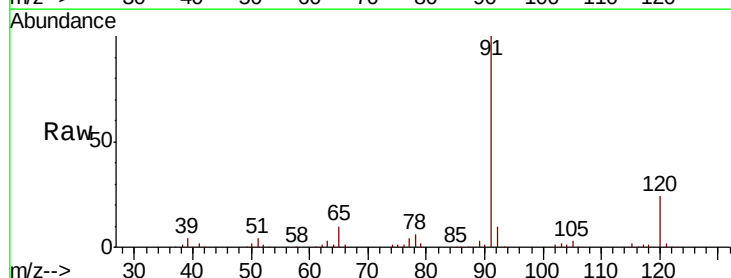
Acq: 15 Dec 2018 07:32

Tgt Ion: 91 Resp: 92347

Ion Ratio Lower Upper

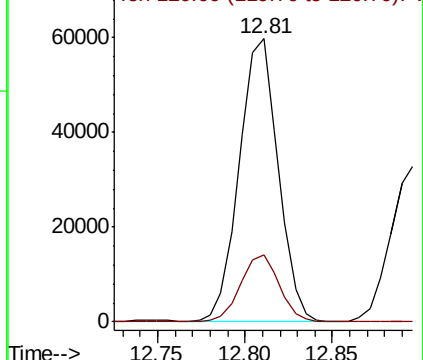
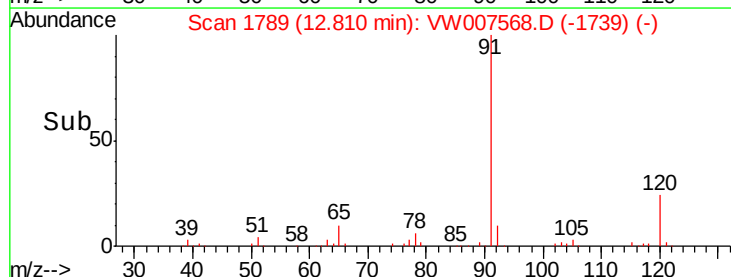
91 100

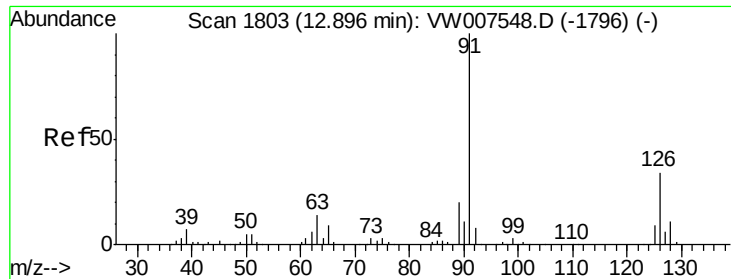
120 23.7 11.9 35.5



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 120.00 (119.70 to 120.70): V

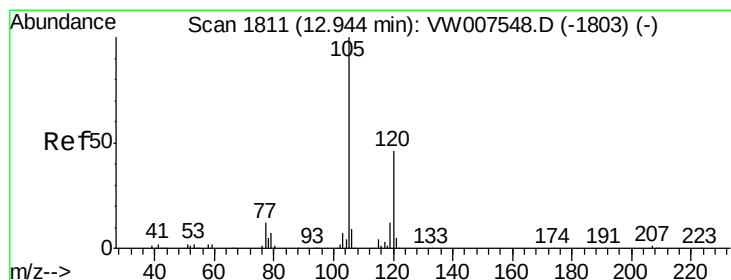
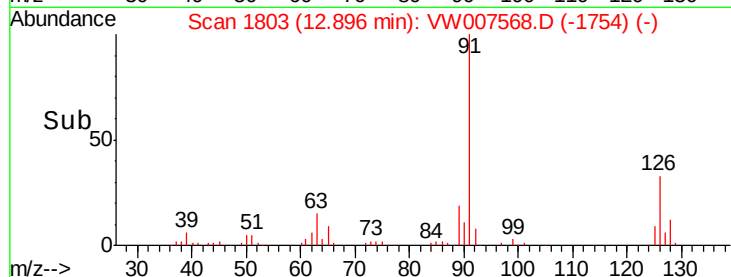
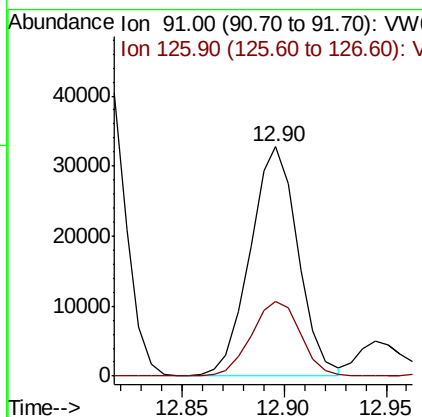
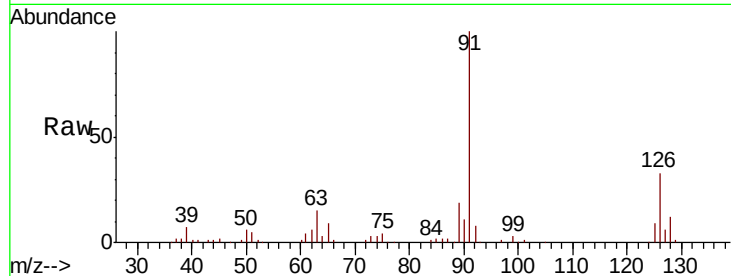




#79
 2-Chlorotoluene
 Concen: 62.516 ug/l
 RT: 12.90 min Scan# 1803
 Delta R.T. 0.00 min
 Lab File: VW007568.D
 Acq: 15 Dec 2018 07:32

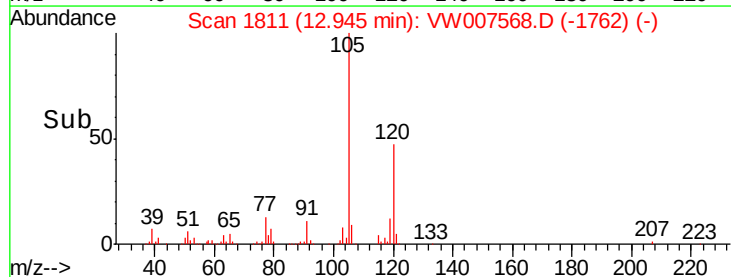
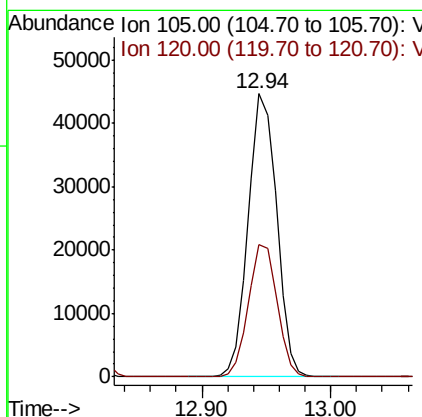
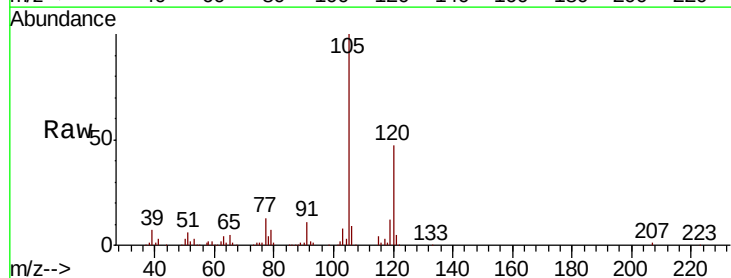
Instrument :
 MSVOA_W
 ClientSampleId :
 P001-SS016-0006-01MS

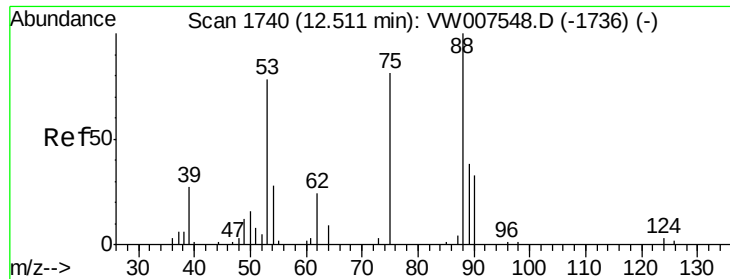
Tgt Ion: 91 Resp: 53114
 Ion Ratio Lower Upper
 91 100
 126 33.6 15.9 47.6



#80
 1,3,5-Trimethylbenzene
 Concen: 64.914 ug/l
 RT: 12.94 min Scan# 1811
 Delta R.T. 0.00 min
 Lab File: VW007568.D
 Acq: 15 Dec 2018 07:32

Tgt Ion: 105 Resp: 68052
 Ion Ratio Lower Upper
 105 100
 120 47.3 23.8 71.4





#81

trans-1,4-Dichloro-2-butene

Concen: 55.925 ug/l

RT: 12.51 min Scan# 1740

Delta R.T. -0.01 min

Lab File: VW007568.D

Acq: 15 Dec 2018 07:32

Instrument :

MSVOA_W

ClientSampleId :

P001-SS016-0006-01MS

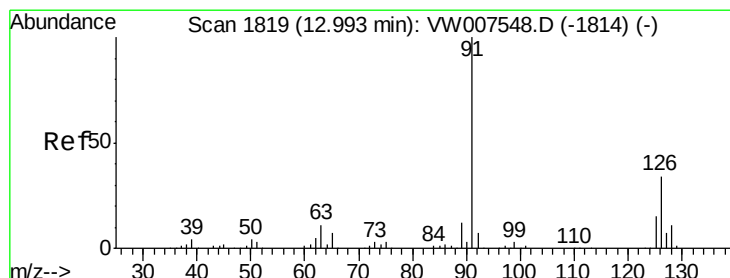
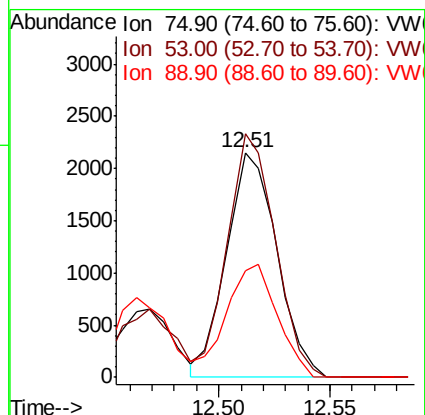
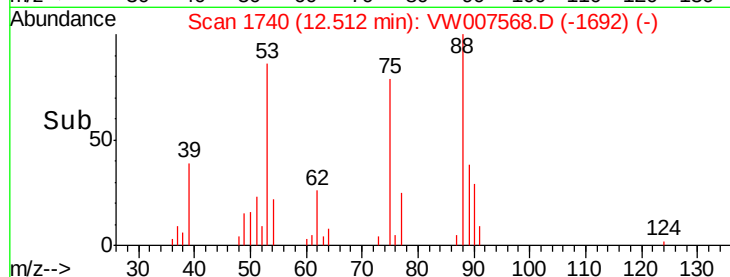
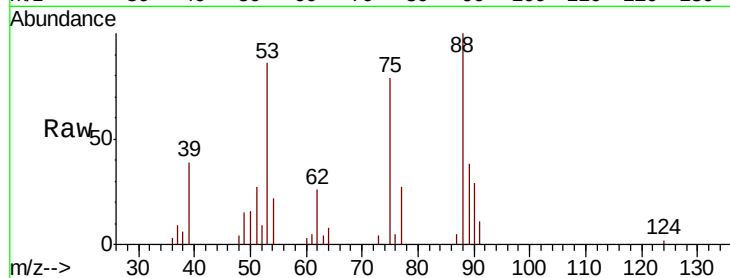
Tgt Ion: 75 Resp: 3399

Ion Ratio Lower Upper

75 100

53 103.3 84.9 127.3

89 51.0 40.3 60.5



#82

4-Chlorotoluene

Concen: 60.082 ug/l

RT: 12.99 min Scan# 1819

Delta R.T. 0.00 min

Lab File: VW007568.D

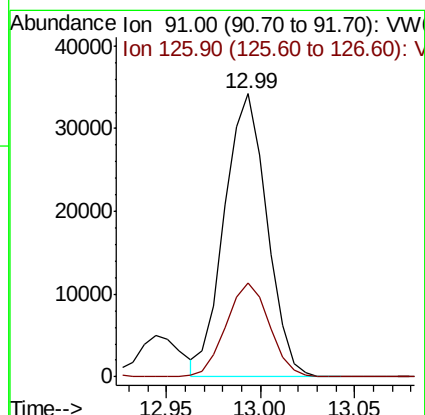
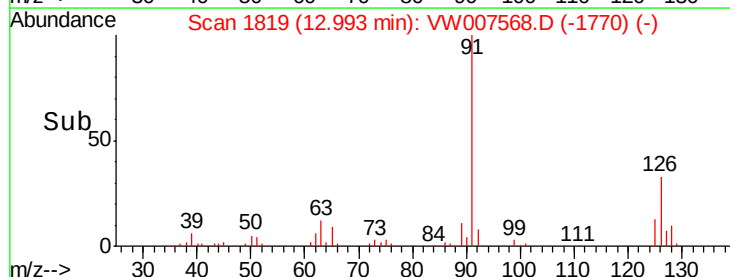
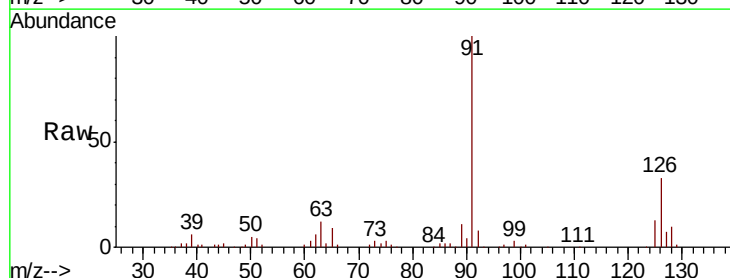
Acq: 15 Dec 2018 07:32

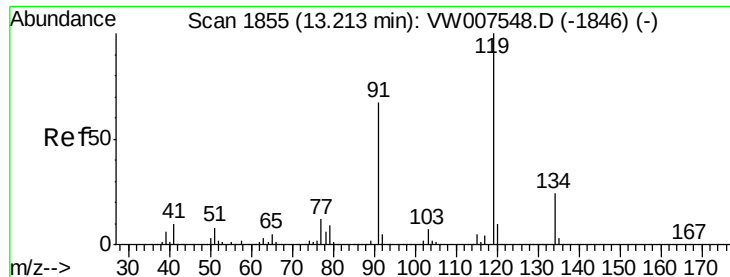
Tgt Ion: 91 Resp: 53808

Ion Ratio Lower Upper

91 100

126 33.6 16.0 48.0

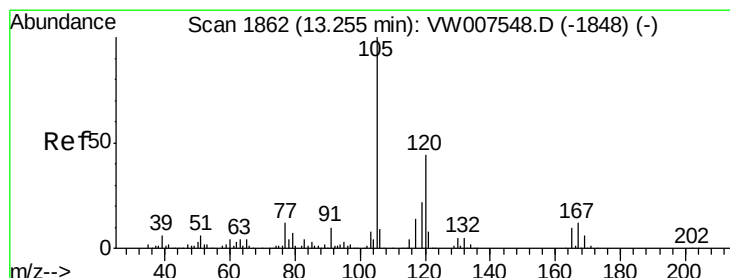
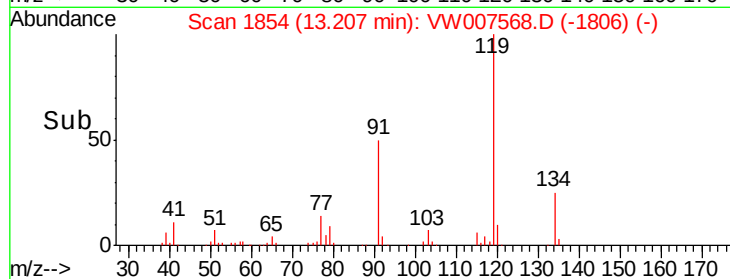
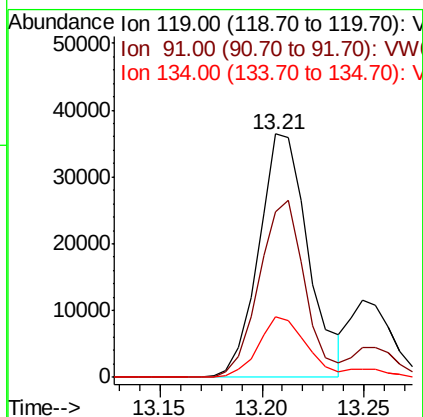
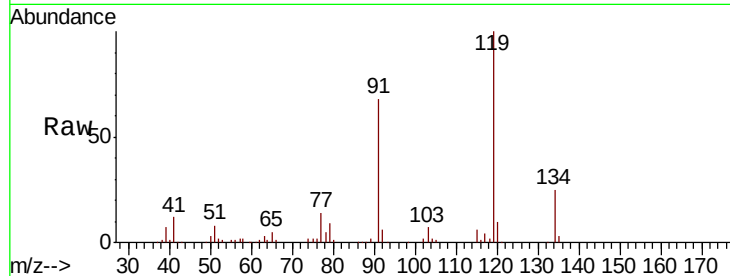




#83
 tert-Butylbenzene
 Concen: 66.730 ug/l
 RT: 13.21 min Scan# 1854
 Delta R.T. -0.01 min
 Lab File: VW007568.D
 Acq: 15 Dec 2018 07:32

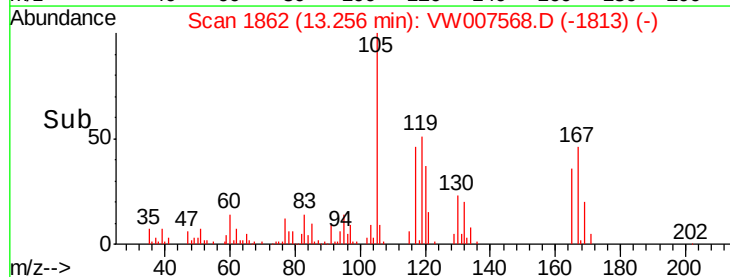
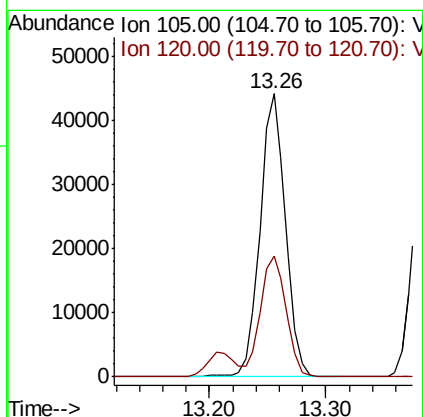
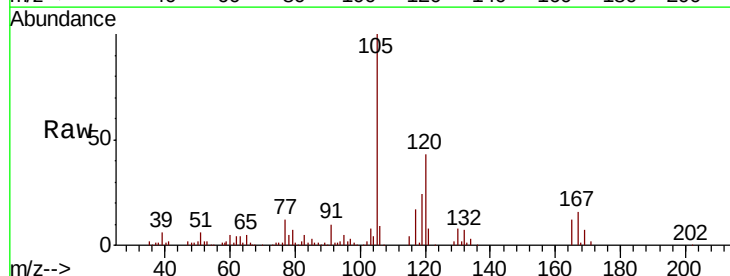
Instrument :
 MSVOA_W
 ClientSampleId :
 P001-SS016-0006-01MS

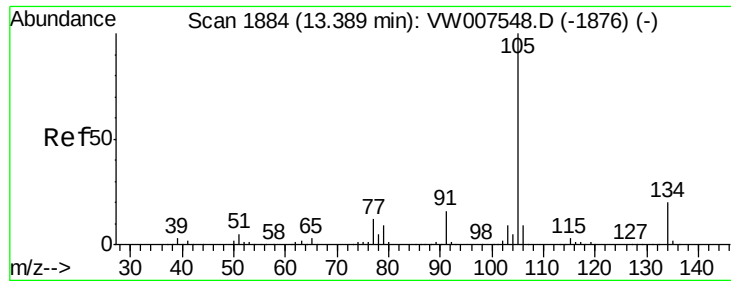
Tgt Ion:119 Resp: 61641
 Ion Ratio Lower Upper
 119 100
 91 67.0 33.1 99.2
 134 23.8 12.5 37.5



#84
 1,2,4-Trimethylbenzene
 Concen: 62.331 ug/l
 RT: 13.26 min Scan# 1862
 Delta R.T. 0.00 min
 Lab File: VW007568.D
 Acq: 15 Dec 2018 07:32

Tgt Ion:105 Resp: 67243
 Ion Ratio Lower Upper
 105 100
 120 43.7 22.6 67.7

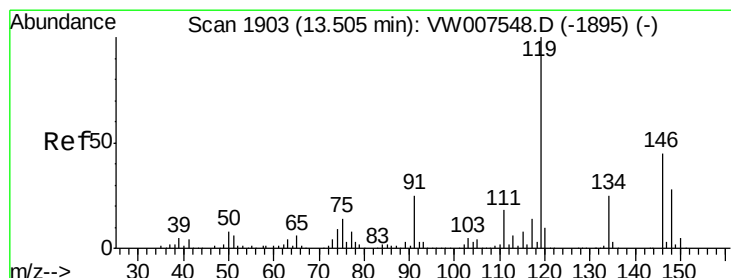
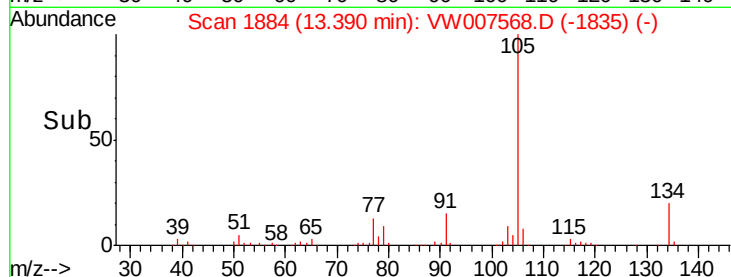
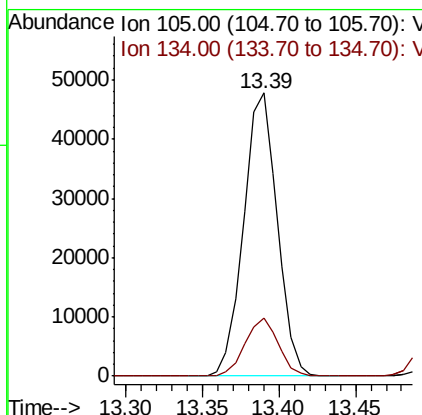
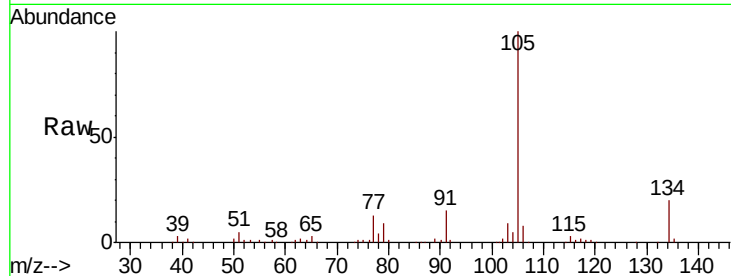




#85
 sec-Butylbenzene
 Concen: 57.787 ug/l
 RT: 13.39 min Scan# 1884
 Delta R.T. 0.00 min
 Lab File: VW007568.D
 Acq: 15 Dec 2018 07:32

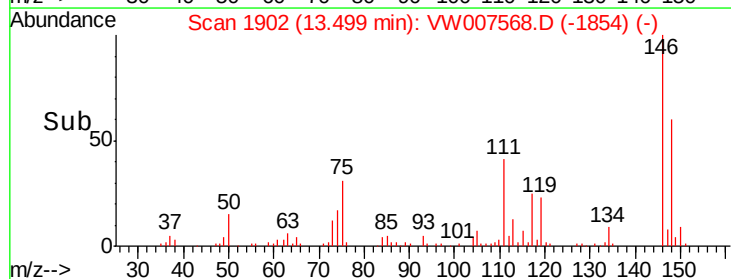
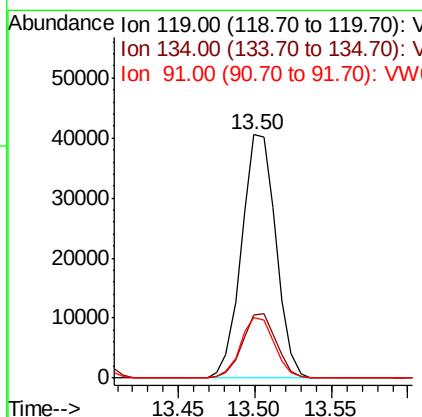
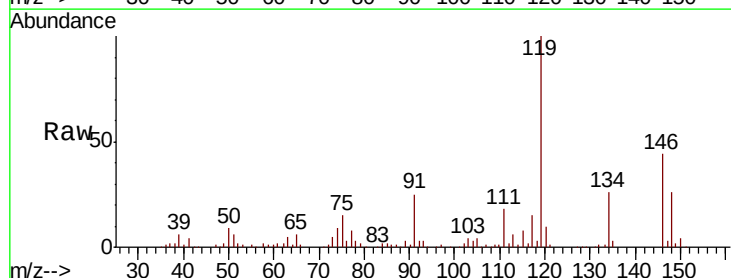
Instrument :
 MSVOA_W
 ClientSampleId :
 P001-SS016-0006-01MS

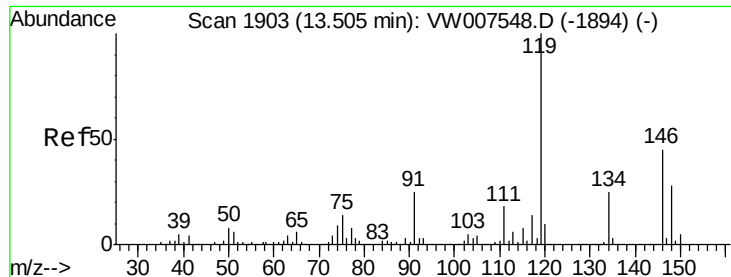
Tgt Ion:105 Resp: 72871
 Ion Ratio Lower Upper
 105 100
 134 20.2 11.1 33.3



#86
 p-Isopropyltoluene
 Concen: 55.696 ug/l
 RT: 13.50 min Scan# 1902
 Delta R.T. -0.01 min
 Lab File: VW007568.D
 Acq: 15 Dec 2018 07:32

Tgt Ion:119 Resp: 63096
 Ion Ratio Lower Upper
 119 100
 134 26.4 12.9 38.7
 91 24.4 11.9 35.9

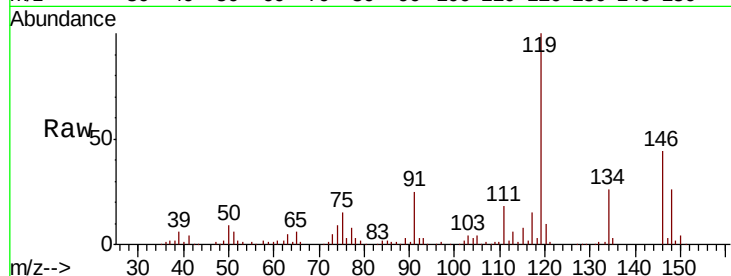




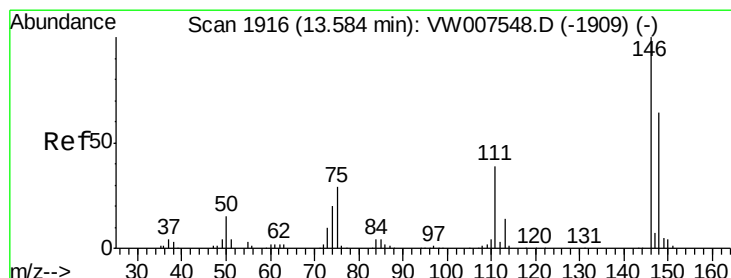
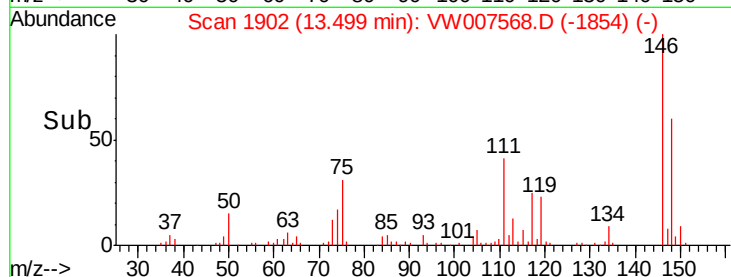
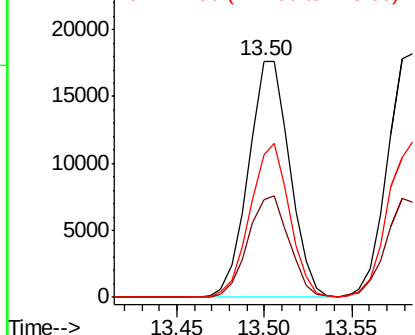
#87
 1,3-Dichlorobenzene
 Concen: 52.746 ug/l
 RT: 13.50 min Scan# 1902
 Delta R.T. -0.01 min
 Lab File: VW007568.D
 Acq: 15 Dec 2018 07:32

Instrument :
 MSVOA_W
 ClientSampleId :
 P001-SS016-0006-01MS

Tgt Ion:146 Resp: 29084
 Ion Ratio Lower Upper
 146 100
 111 42.6 20.1 60.3
 148 62.0 31.4 94.0

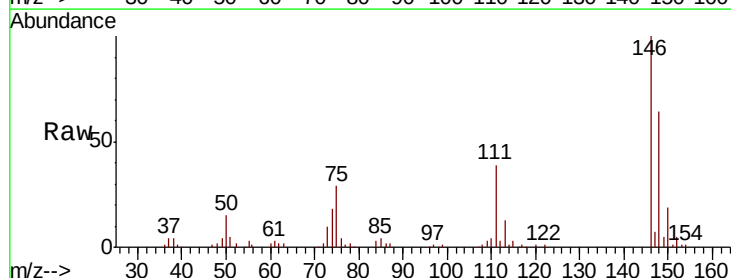


Abundance Ion 145.90 (145.60 to 146.60): V
 Ion 110.90 (110.60 to 111.60): V
 Ion 147.90 (147.60 to 148.60): V

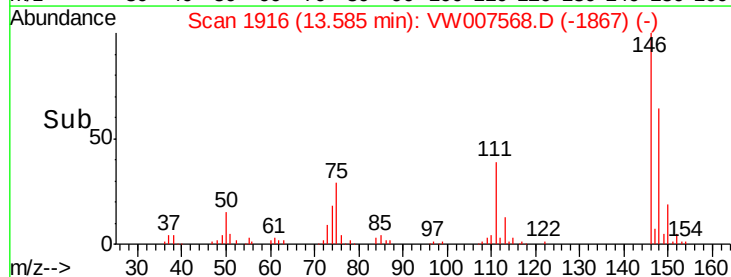
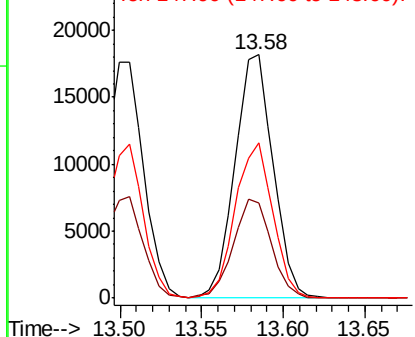


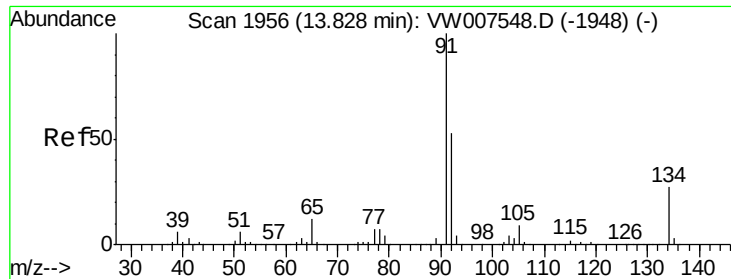
#88
 1,4-Dichlorobenzene
 Concen: 53.426 ug/l
 RT: 13.58 min Scan# 1916
 Delta R.T. 0.00 min
 Lab File: VW007568.D
 Acq: 15 Dec 2018 07:32

Tgt Ion:146 Resp: 29616
 Ion Ratio Lower Upper
 146 100
 111 40.6 20.3 61.0
 148 62.8 33.5 100.5



Abundance Ion 145.90 (145.60 to 146.60): V
 Ion 110.90 (110.60 to 111.60): V
 Ion 147.90 (147.60 to 148.60): V





#89

n-Butylbenzene

Concen: 42.394 ug/l

RT: 13.83 min Scan# 1956

Delta R.T. 0.00 min

Lab File: VW007568.D

Acq: 15 Dec 2018 07:32

Instrument :

MSVOA_W

ClientSampleId :

P001-SS016-0006-01MS

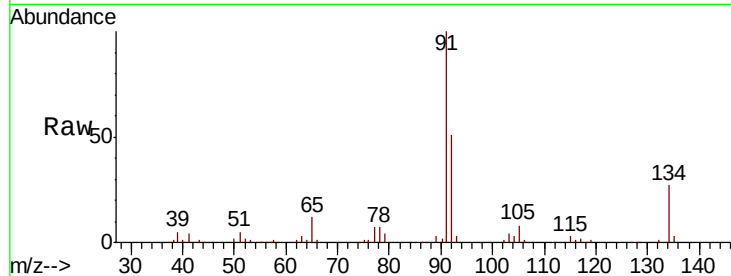
Tgt Ion: 91 Resp: 44523

Ion Ratio Lower Upper

91 100

92 52.8 25.7 77.1

134 26.3 13.4 40.2

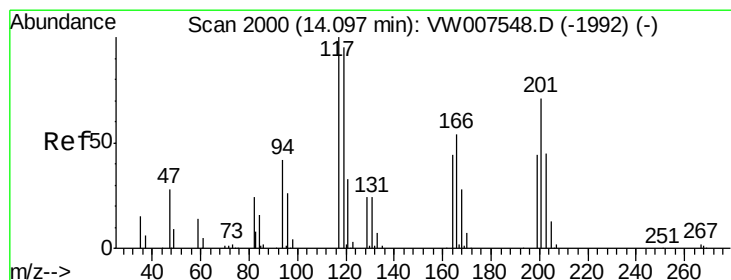
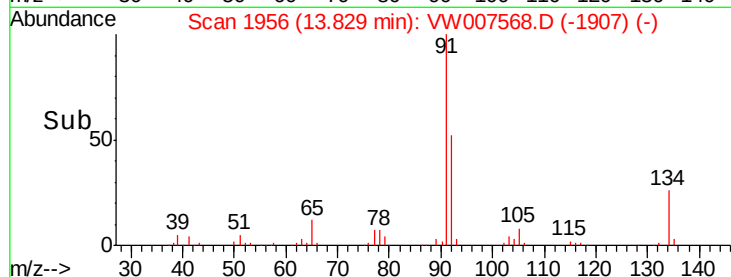
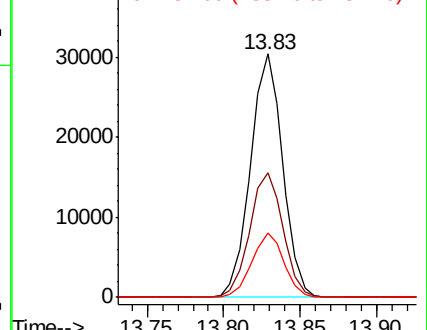


Abundance

Ion 91.00 (90.70 to 91.70): VW

Ion 92.00 (91.70 to 92.70): VW

Ion 134.00 (133.70 to 134.70): VW



#90

Hexachloroethane

Concen: 52.309 ug/l

RT: 14.10 min Scan# 2000

Delta R.T. 0.00 min

Lab File: VW007568.D

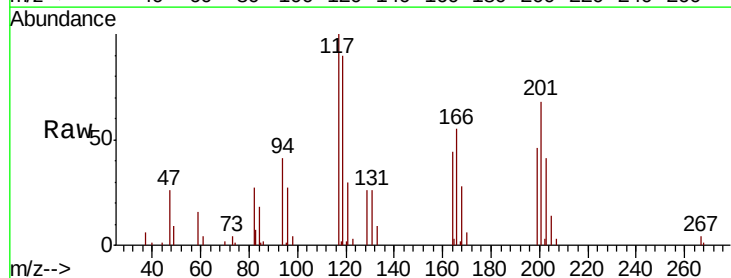
Acq: 15 Dec 2018 07:32

Tgt Ion: 117 Resp: 10544

Ion Ratio Lower Upper

117 100

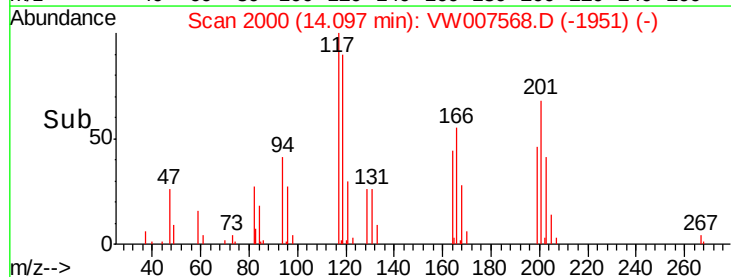
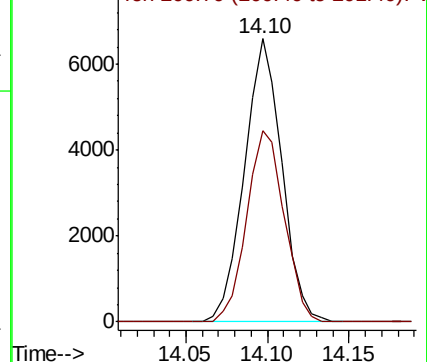
201 67.5 35.3 105.9

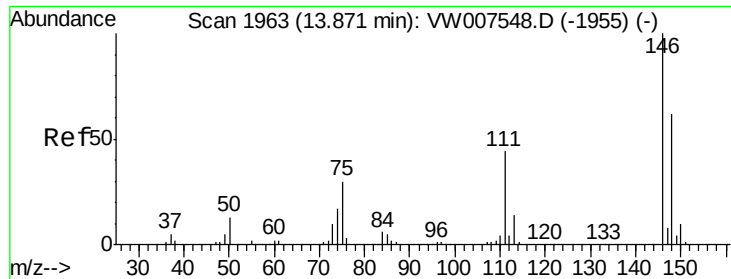


Abundance

Ion 116.80 (116.50 to 117.50): VW

Ion 200.70 (200.40 to 201.40): VW

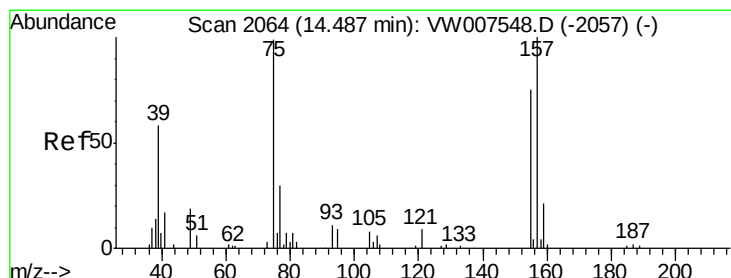
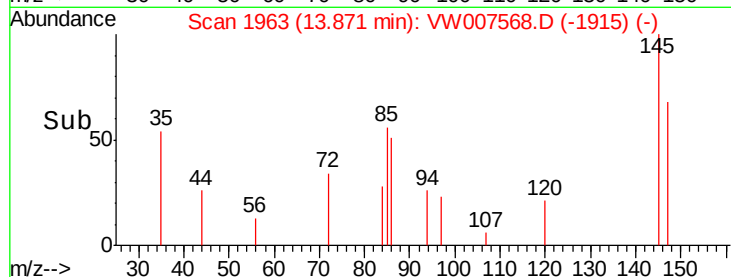
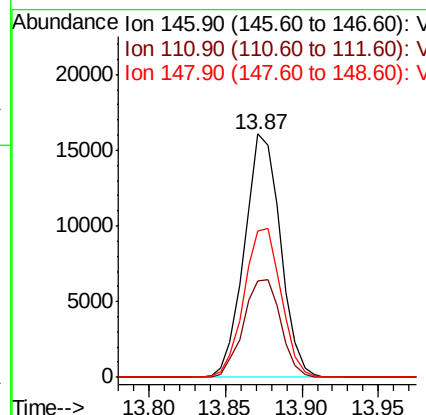
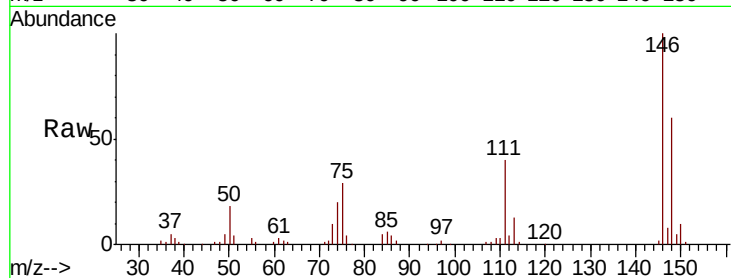




#91
 1,2-Dichlorobenzene
 Concen: 53.154 ug/l
 RT: 13.87 min Scan# 1963
 Delta R.T. -0.01 min
 Lab File: VW007568.D
 Acq: 15 Dec 2018 07:32

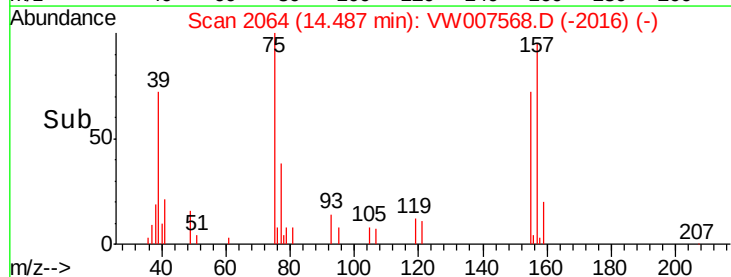
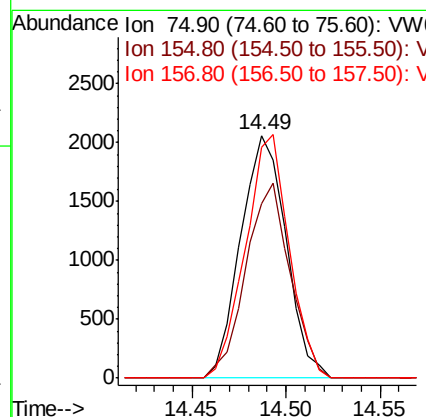
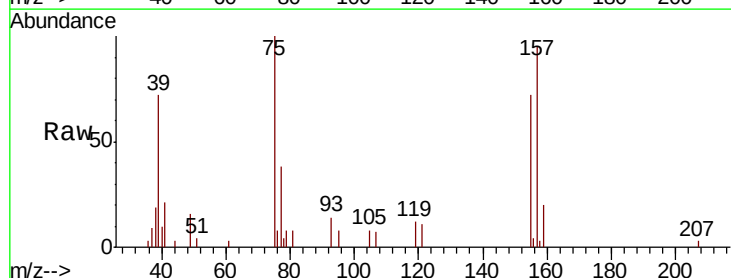
Instrument :
 MSVOA_W
 ClientSampleId :
 P001-SS016-0006-01MS

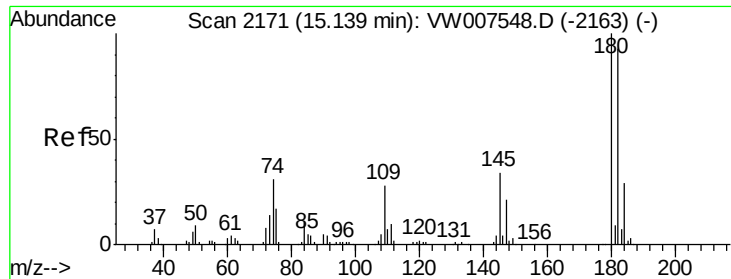
Tgt Ion: 146 Resp: 26251
 Ion Ratio Lower Upper
 146 100
 111 41.6 22.4 67.2
 148 63.1 32.4 97.2



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 92.815 ug/l
 RT: 14.49 min Scan# 2064
 Delta R.T. -0.01 min
 Lab File: VW007568.D
 Acq: 15 Dec 2018 07:32

Tgt Ion: 75 Resp: 3442
 Ion Ratio Lower Upper
 75 100
 155 78.6 40.8 122.2
 157 96.2 51.1 153.4

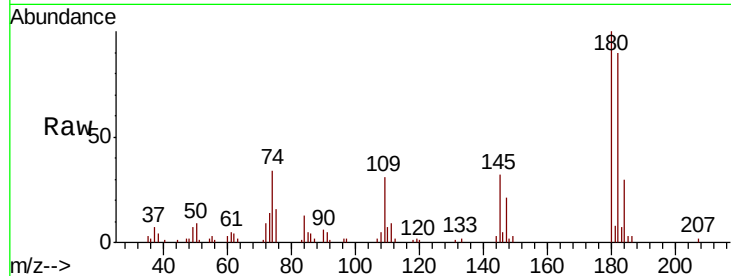




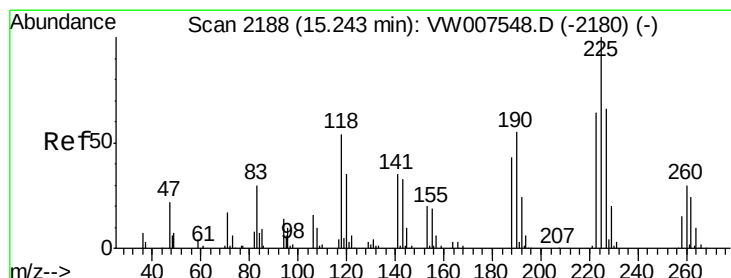
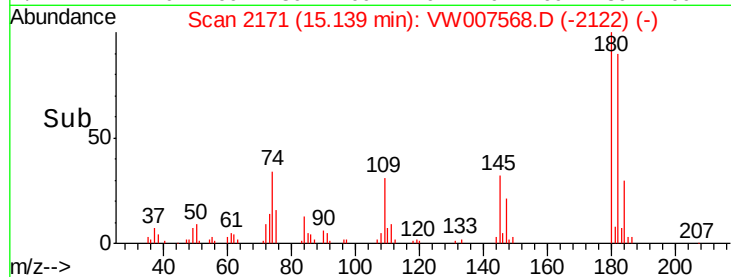
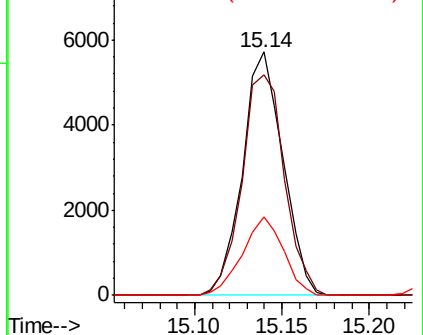
#93
 1,2,4-Trichlorobenzene
 Concen: 27.080 ug/l
 RT: 15.14 min Scan# 2171
 Delta R.T. 0.00 min
 Lab File: VW007568.D
 Acq: 15 Dec 2018 07:32

Instrument :
 MSVOA_W
 ClientSampleId :
 P001-SS016-0006-01MS

Tgt Ion:180 Resp: 9204
 Ion Ratio Lower Upper
 180 100
 182 95.5 49.9 149.6
 145 32.6 17.8 53.4

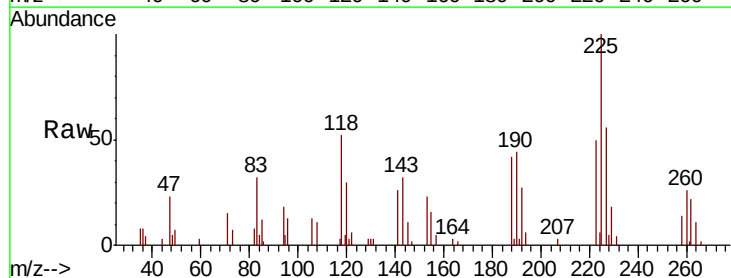


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

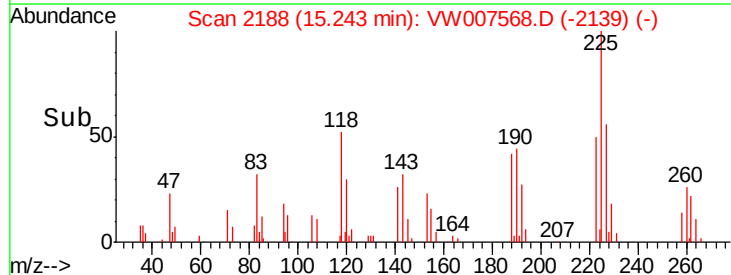
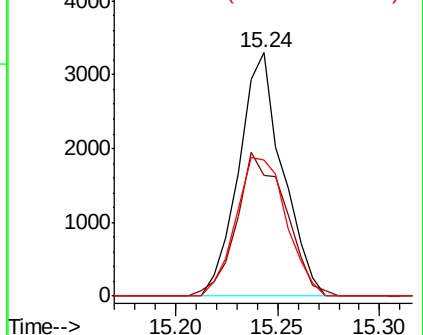


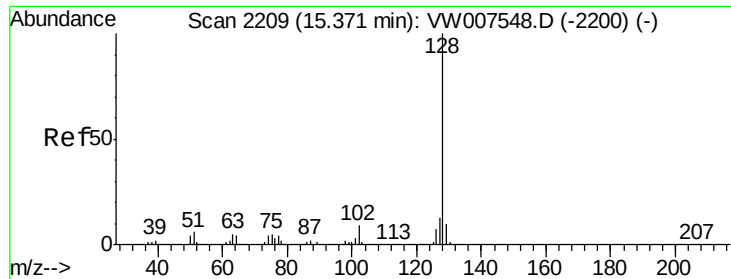
#94
 Hexachlorobutadiene
 Concen: 27.216 ug/l
 RT: 15.24 min Scan# 2188
 Delta R.T. 0.00 min
 Lab File: VW007568.D
 Acq: 15 Dec 2018 07:32

Tgt Ion:225 Resp: 4908
 Ion Ratio Lower Upper
 225 100
 223 66.0 32.1 96.3
 227 65.8 31.9 95.9



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

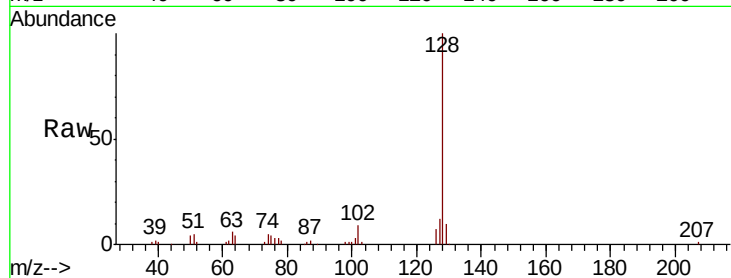




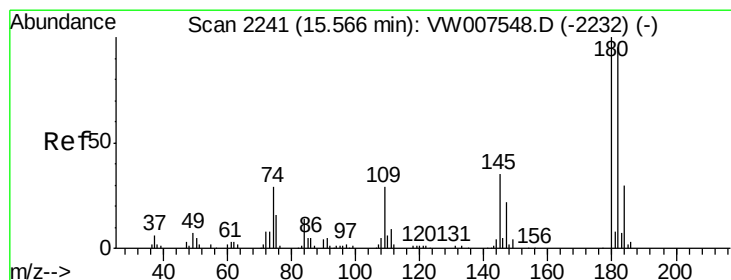
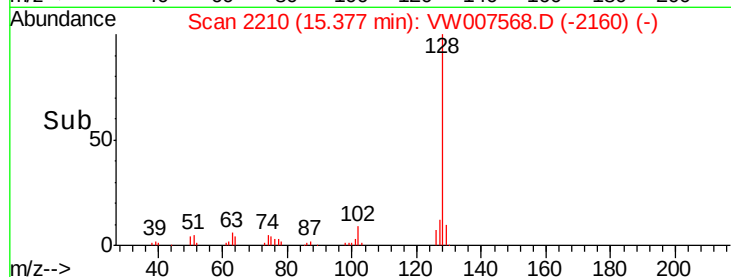
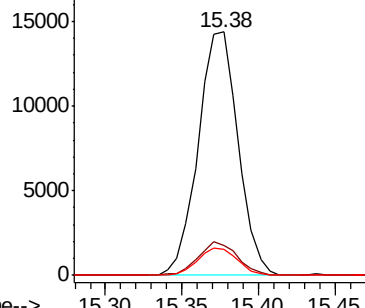
#95
Naphthalene
Concen: 40.042 ug/l
RT: 15.38 min Scan# 2210
Delta R.T. 0.01 min
Lab File: VW007568.D
Acq: 15 Dec 2018 07:32

Instrument :
MSVOA_W
ClientSampleId :
P001-SS016-0006-01MS

Tgt Ion:128 Resp: 26035
Ion Ratio Lower Upper
128 100
127 13.3 10.2 15.4
129 11.1 8.3 12.5

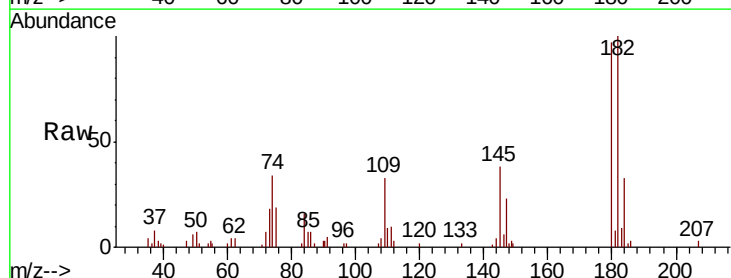


Abundance Ion 128.00 (127.70 to 128.70): V
Ion 127.00 (126.70 to 127.70): V
Ion 129.00 (128.70 to 129.70): V



#96
1,2,3-Trichlorobenzene
Concen: 24.231 ug/l
RT: 15.56 min Scan# 2240
Delta R.T. 0.00 min
Lab File: VW007568.D
Acq: 15 Dec 2018 07:32

Tgt Ion:180 Resp: 7154
Ion Ratio Lower Upper
180 100
182 100.7 45.6 136.7
145 38.1 17.5 52.5



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

