

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW071718\
 Data File : VW003979.D
 Acq On : 17 Jul 2018 12:42
 Operator : VA/AP
 Sample : VW0717SBS01
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0717SBS01

Manual Integrations
 APPROVED

apatel
 7/18/2018 11:39:31 AM

Quant Time: Jul 17 14:04:45 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W071618S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 17 11:52:50 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	254539	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	395148	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	368628	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	195788	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	154257	54.22	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.44%	
35) Dibromofluoromethane	7.88	113	134776	53.16	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.32%	
50) Toluene-d8	10.33	98	535266	54.41	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.82%	
62) 4-Bromofluorobenzene	12.62	95	190181	53.61	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.22%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.00	85	29180	20.41	ug/l	99
3) Chloromethane	2.21	50	42738	22.72	ug/l	96
4) Vinyl Chloride	2.36	62	58987	22.79	ug/l	96
5) Bromomethane	2.77	94	36190	22.37	ug/l	100
6) Chloroethane	2.92	64	32271	21.95	ug/l	96
7) Trichlorofluoromethane	3.25	101	25150	23.15	ug/l	97
8) Diethyl Ether	3.68	74	24887	19.73	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	4.05	101	54991	21.93	ug/l	98
10) Methyl Iodide	4.26	142	77070	21.40	ug/l	99
11) Tert butyl alcohol	5.18	59	23632	120.32	ug/l #	81
12) 1,1-Dichloroethene	4.03	96	53467	21.61	ug/l	98
13) Acrolein	3.88	56	20567	101.91	ug/l	99
14) Allyl chloride	4.65	41	88105	21.58	ug/l	98
15) Acrylonitrile	5.37	53	65642	101.58	ug/l	99
16) Acetone	4.12	43	69943	102.30	ug/l	95
17) Carbon Disulfide	4.37	76	169432	21.94	ug/l	98
18) Methyl Acetate	4.67	43	31021	18.90	ug/l	98
19) Methyl tert-butyl Ether	5.43	73	96243	20.30	ug/l	99
20) Methylene Chloride	4.91	84	66945	16.99	ug/l	98
21) trans-1,2-Dichloroethene	5.42	96	57387	21.16	ug/l	94
22) Diisopropyl ether	6.31	45	183370	22.22	ug/l	97
23) Vinyl Acetate	6.26	43	546880	104.59	ug/l	99
24) 1,1-Dichloroethane	6.21	63	107973	21.44	ug/l	100
25) 2-Butanone	7.18	43	92402	100.43	ug/l	97
26) 2,2-Dichloropropane	7.16	77	64169	22.20	ug/l	98
27) cis-1,2-Dichloroethene	7.17	96	61540	20.99	ug/l	99
28) Bromochloromethane	7.51	49	43780	21.25	ug/l	99
29) Tetrahydrofuran	7.53	42	57950	101.11	ug/l	99
30) Chloroform	7.68	83	108032	21.57	ug/l	99
31) Cyclohexane	7.95	56	100674	21.33	ug/l	98
32) 1,1,1-Trichloroethane	7.87	97	85808	21.94	ug/l	100
36) 1,1-Dichloropropene	8.08	75	88033	21.65	ug/l	100
37) Ethyl Acetate	7.26	43	41063	20.94	ug/l	100
38) Carbon Tetrachloride	8.07	117	83144	21.89	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	98734	20.74	ug/l	93
40) Benzene	8.32	78	245303	21.75	ug/l	98
41) Methacrylonitrile	7.48	41	22835	21.02	ug/l	94
42) 1,2-Dichloroethane	8.40	62	74383	21.62	ug/l	98
43) Isopropyl Acetate	8.43	43	74968	20.44	ug/l	99
44) Trichloroethene	9.09	130	62211	21.28	ug/l	98
45) 1,2-Dichloropropane	9.37	63	62377	21.67	ug/l	97
46) Dibromomethane	9.46	93	32224	21.57	ug/l	99
47) Bromodichloromethane	9.65	83	78417	21.29	ug/l	100
48) Methyl methacrylate	9.44	41	35783	20.17	ug/l	99
49) 1,4-Dioxane	9.45	88	9273	403.84	ug/l	92
51) 4-Methyl-2-Pentanone	10.21	43	199307	102.00	ug/l	99
52) Toluene	10.39	92	152850	21.91	ug/l	100
53) t-1,3-Dichloropropene	10.61	75	79020	20.52	ug/l	99
54) cis-1,3-Dichloropropene	10.08	75	92691	21.04	ug/l	98
55) 1,1,2-Trichloroethane	10.79	97	44538	21.20	ug/l	98
56) Ethyl methacrylate	10.65	69	53953	19.84	ug/l	98
57) 1,3-Dichloropropane	10.93	76	77227	21.16	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.93	63	121573	97.54	ug/l	99
59) 2-Hexanone	10.98	43	140723	102.18	ug/l	97
60) Dibromochloromethane	11.13	129	51649	21.11	ug/l	98
61) 1,2-Dibromoethane	11.24	107	42439	21.23	ug/l	100
64) Tetrachloroethene	10.87	164	53946	21.33	ug/l	95
65) Chlorobenzene	11.66	112	166048	21.18	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.74	131	56488	20.74	ug/l	99
67) Ethyl Benzene	11.74	91	288660	20.96	ug/l	100
68) m/p-Xylenes	11.85	106	224512	42.66	ug/l	99
69) o-Xylene	12.17	106	101112	20.71	ug/l	99
70) Styrene	12.19	104	170786	20.94	ug/l	99
71) Bromoform	12.35	173	30619	19.91	ug/l #	99
73) Isopropylbenzene	12.47	105	282215	20.40	ug/l	99
74) N-amyl acetate	12.28	43	71218	19.76	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.72	83	54399	20.33	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	46934m	24.15	ug/l	
77) Bromobenzene	12.75	156	66627	20.13	ug/l	98
78) n-propylbenzene	12.81	91	355533	20.95	ug/l	100
79) 2-Chlorotoluene	12.90	91	200514	20.95	ug/l	99
80) 1,3,5-Trimethylbenzene	12.95	105	242781	20.85	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.52	75	16188	18.42	ug/l	92
82) 4-Chlorotoluene	12.99	91	212834	20.72	ug/l	100
83) tert-Butylbenzene	13.21	119	202448	20.71	ug/l	99
84) 1,2,4-Trimethylbenzene	13.26	105	252984	21.12	ug/l	100
85) sec-Butylbenzene	13.39	105	303966	20.96	ug/l	99
86) p-Isopropyltoluene	13.51	119	267220	21.01	ug/l	100
87) 1,3-Dichlorobenzene	13.51	146	137931	20.86	ug/l	100
88) 1,4-Dichlorobenzene	13.58	146	135724	20.47	ug/l	99
89) n-Butylbenzene	13.83	91	261800	20.93	ug/l	99
90) Hexachloroethane	14.10	117	48144	20.53	ug/l	99
91) 1,2-Dichlorobenzene	13.88	146	123471	20.96	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.49	75	9477	19.92	ug/l	96

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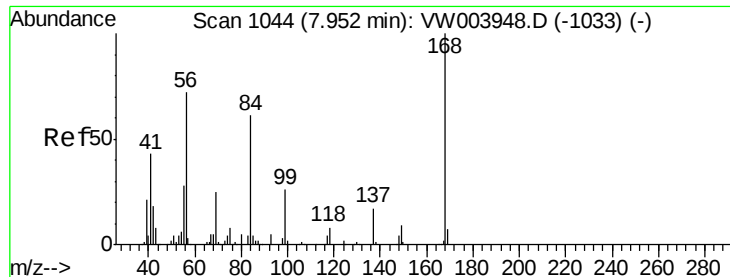
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.15	180	86154	20.82	ug/l	98
94) Hexachlorobutadiene	15.25	225	50795	21.38	ug/l	99
95) Naphthalene	15.38	128	147818	19.36	ug/l	99
96) 1,2,3-Trichlorobenzene	15.57	180	75555	20.63	ug/l	100

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



#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.95 min Scan# 1044

Delta R.T. -0.00 min

Lab File: VW003979.D

Acq: 17 Jul 2018 12:42

Instrument :

MSVOA_W

ClientSampleId :

VW0717SBSD01

Tot Ion:168 Resp: 254539

Ion Ratio Lower Upper

168 100

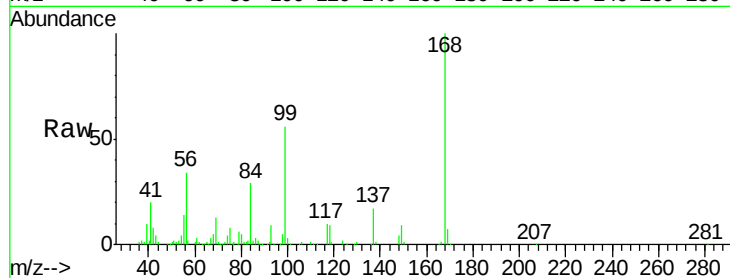
99 56.3 43.8 65.6

Manual Integrations

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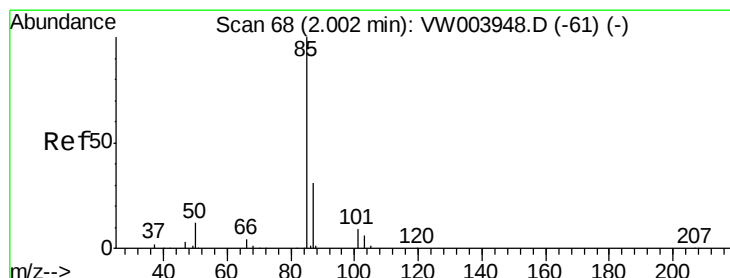
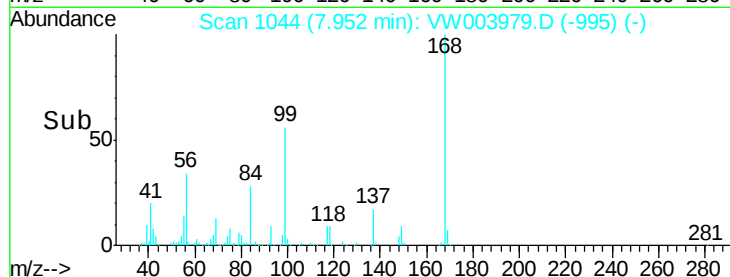
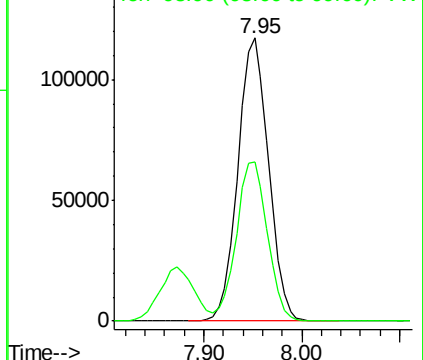
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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#2

Dichlorodifluoromethane

Concen: 20.41 ug/l

RT: 2.00 min Scan# 68

Delta R.T. -0.00 min

Lab File: VW003979.D

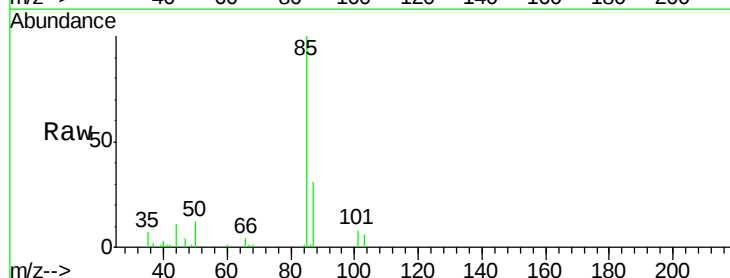
Acq: 17 Jul 2018 12:42

Tgt Ion: 85 Resp: 29180

Ion Ratio Lower Upper

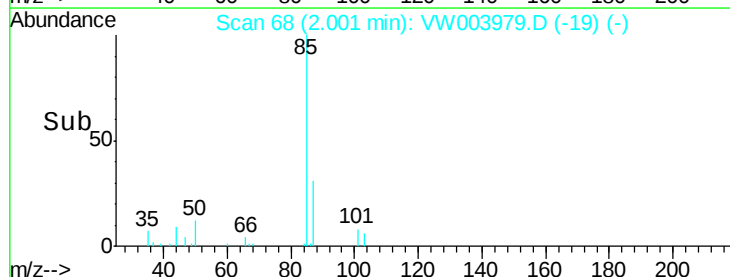
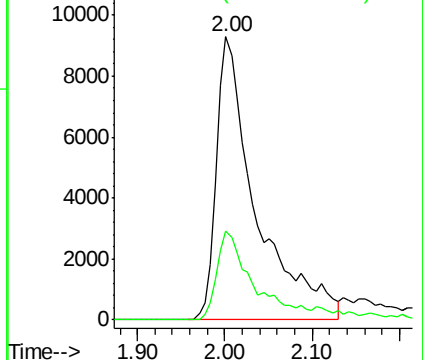
85 100

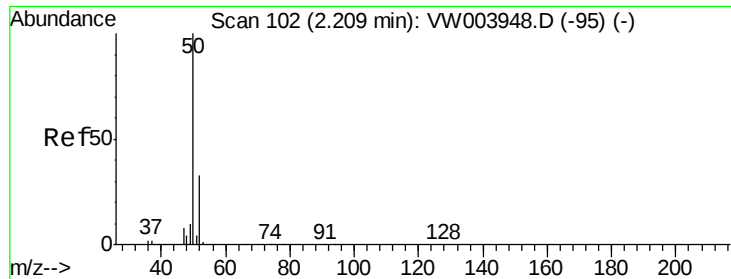
87 31.5 15.4 46.2



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW





#3

Chloromethane

Concen: 22.72 ug/l

RT: 2.21 min Scan# 102

Delta R.T. -0.00 min

Lab File: VW003979.D

Acq: 17 Jul 2018 12:42

Instrument :

MSVOA_W

ClientSampleId :

VW0717SBSD01

Tot Ion: 50 Resp: 42738

Ion Ratio Lower Upper

50 100

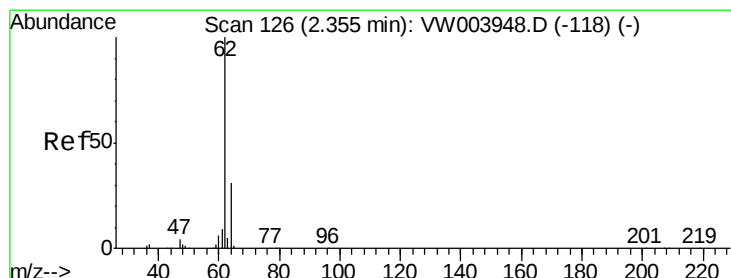
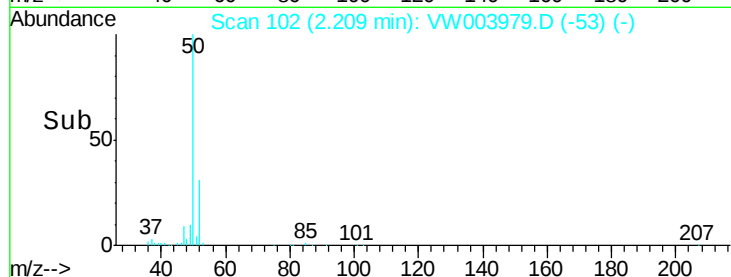
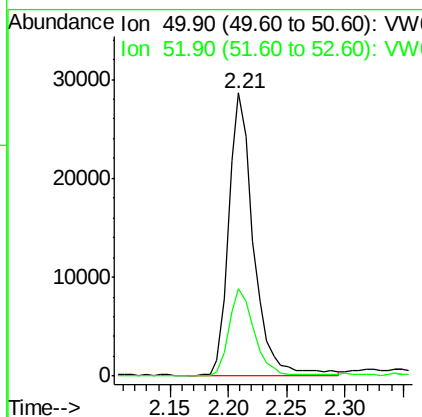
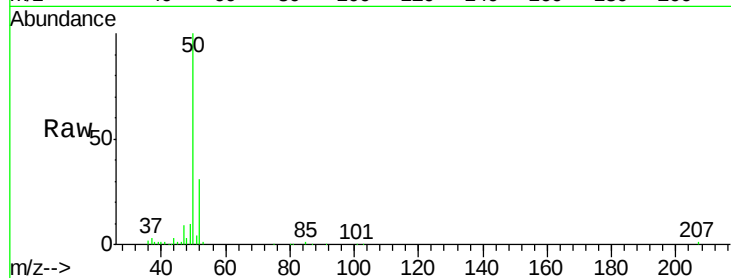
52 30.9 26.3 39.5

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#4

Vinyl Chloride

Concen: 22.79 ug/l

RT: 2.36 min Scan# 126

Delta R.T. -0.00 min

Lab File: VW003979.D

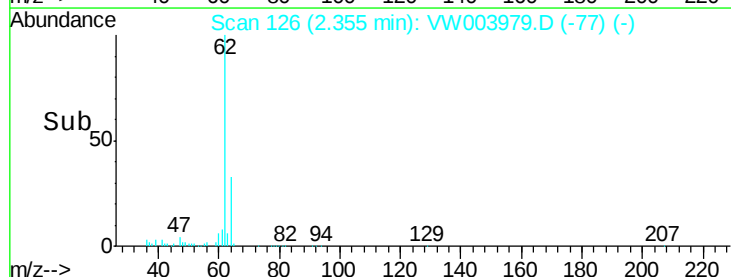
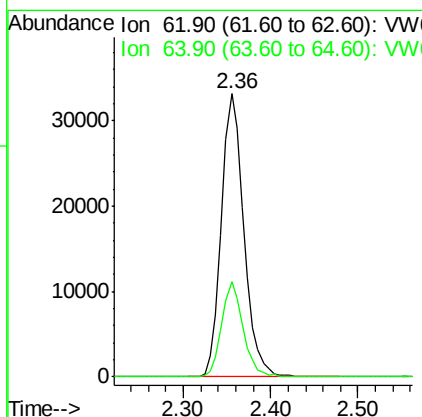
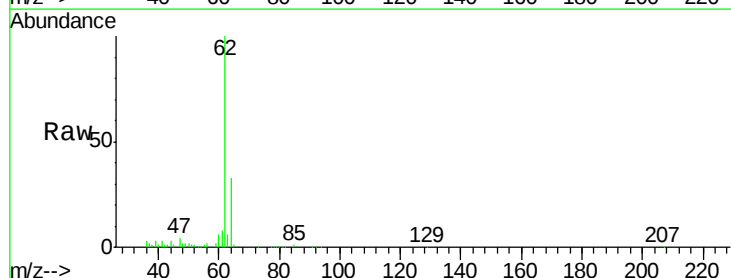
Acq: 17 Jul 2018 12:42

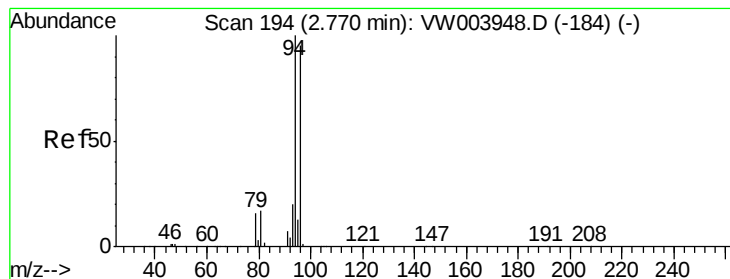
Tgt Ion: 62 Resp: 58987

Ion Ratio Lower Upper

62 100

64 33.4 25.0 37.6





#5

Bromomethane

Concen: 22.37 ug/l

RT: 2.77 min Scan# 194

Delta R.T. -0.00 min

Lab File: VW003979.D

Acq: 17 Jul 2018 12:42

Instrument :

MSVOA_W

ClientSampleId :

VW0717SBSD01

Tot Ion: 94 Resp: 36190

Ion Ratio Lower Upper

94 100

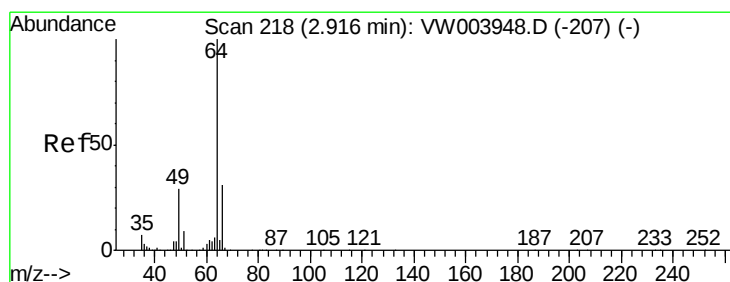
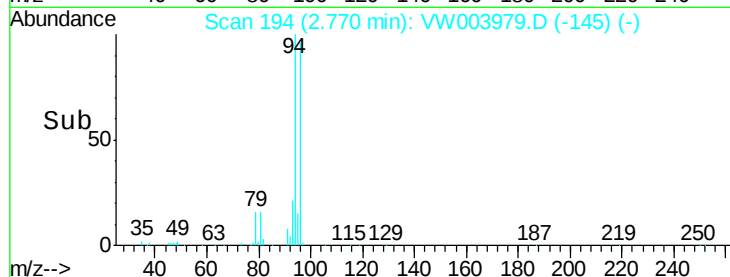
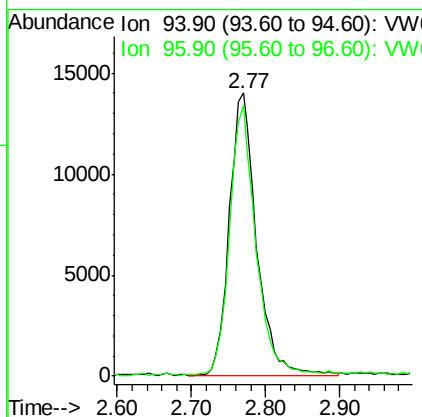
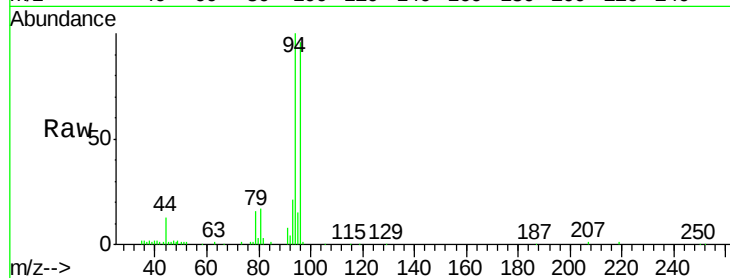
96 94.8 75.8 113.6

Manual Integrations

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#6

Chloroethane

Concen: 21.95 ug/l

RT: 2.92 min Scan# 218

Delta R.T. -0.00 min

Lab File: VW003979.D

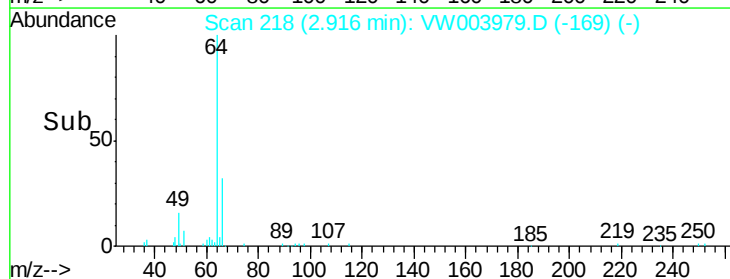
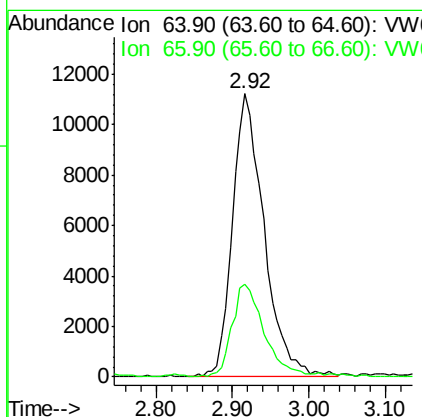
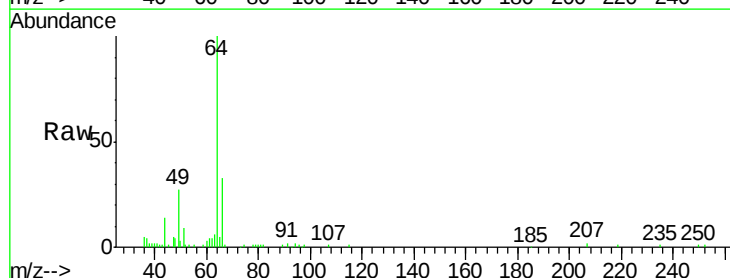
Acq: 17 Jul 2018 12:42

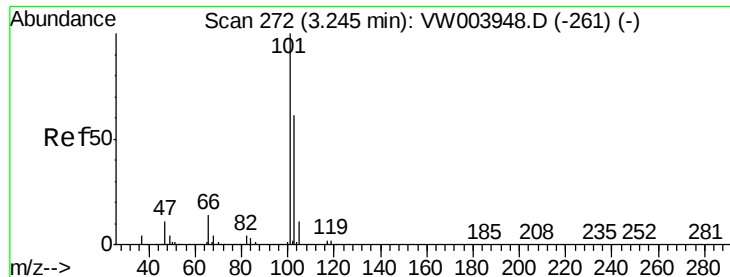
Tgt Ion: 64 Resp: 32271

Ion Ratio Lower Upper

64 100

66 32.9 24.5 36.7





#7

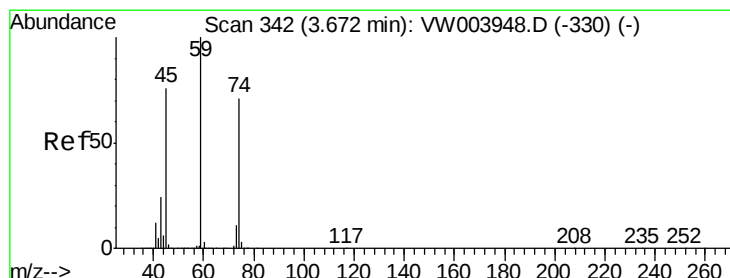
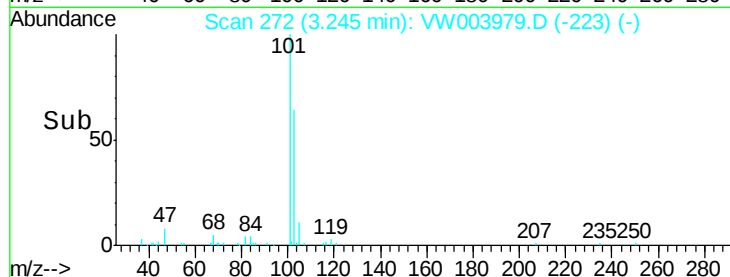
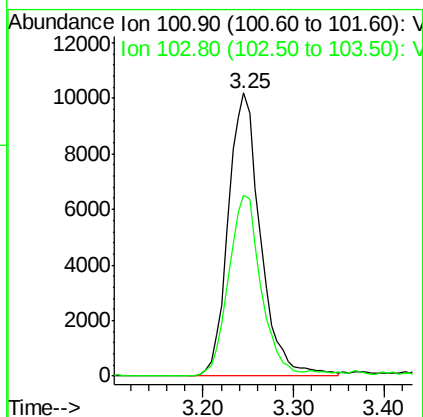
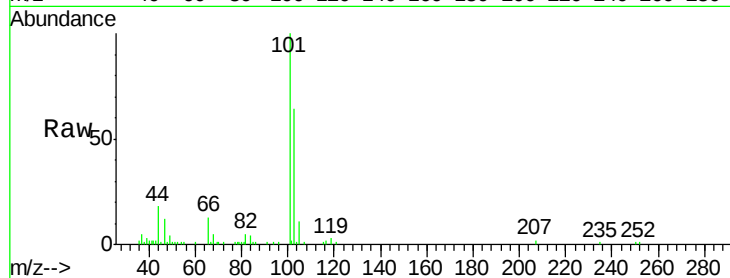
Trichlorofluoromethane
 Concen: 23.15 ug/l
 RT: 3.25 min Scan# 272
 Delta R.T. -0.00 min
 Lab File: VW003979.D
 Acq: 17 Jul 2018 12:42

Instrument :
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 ClientSampleId :
 VW0717SBSD01

Tot Ion	Ratio	Lower	Upper
101	100		
103	64.0	49.0	73.6

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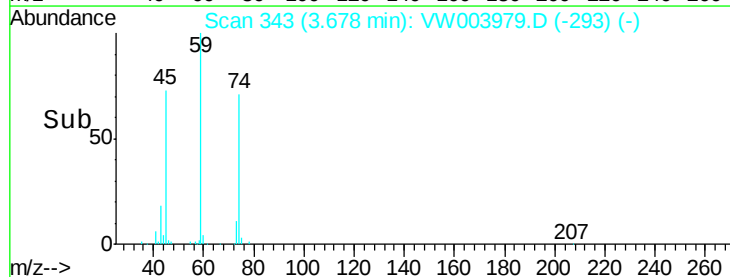
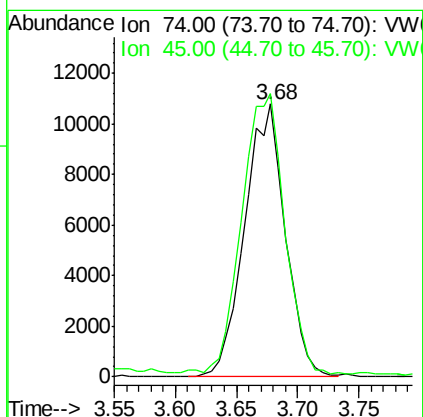
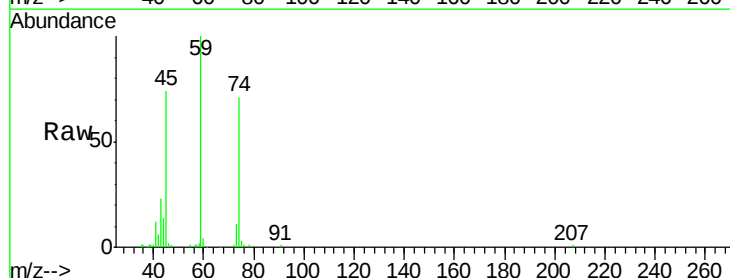
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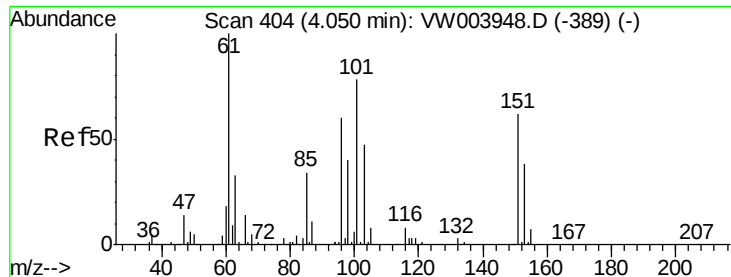


#8

Diethyl Ether
 Concen: 19.73 ug/l
 RT: 3.68 min Scan# 343
 Delta R.T. 0.01 min
 Lab File: VW003979.D
 Acq: 17 Jul 2018 12:42

Tgt Ion	Ratio	Lower	Upper
74	100		
45	108.0	53.8	161.4





#9

1,1,2-Trichlorotrifluoroethane

Concen: 21.93 ug/l

RT: 4.05 min Scan# 404

Delta R.T. -0.00 min

Lab File: VW003979.D

Acq: 17 Jul 2018 12:42

Instrument :

MSVOA_W

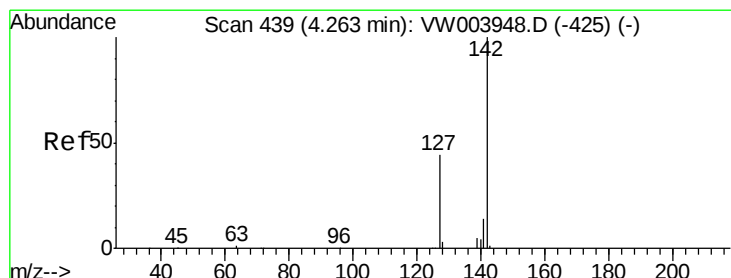
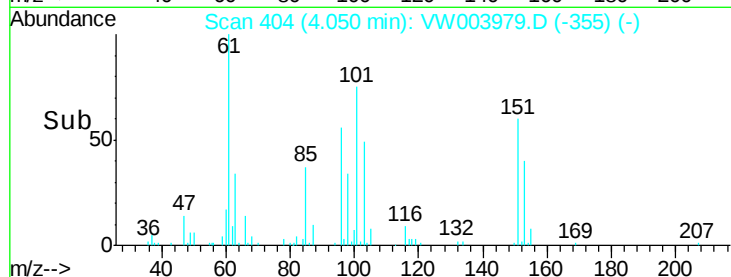
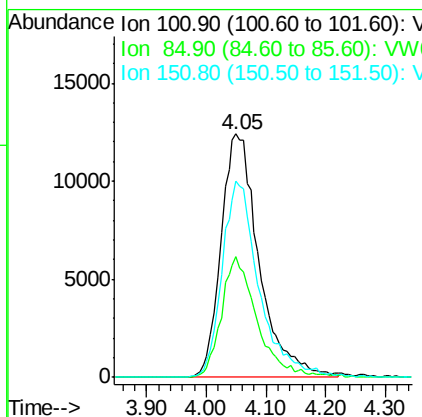
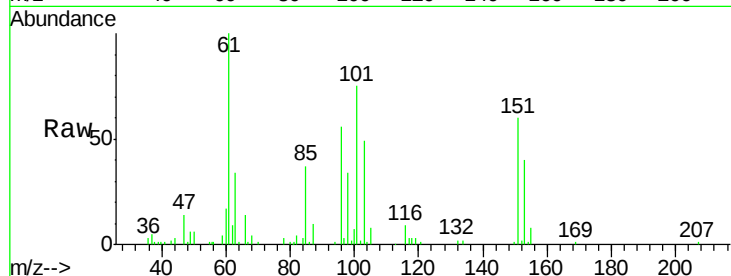
ClientSampleId :

VW0717SBS01

Tot Ion:	101	Resp:	54991
Ion Ratio	Lower	Upper	
101	100		
85	46.2	35.8	53.6
151	78.4	63.6	95.4

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#10

Methyl Iodide

Concen: 21.40 ug/l

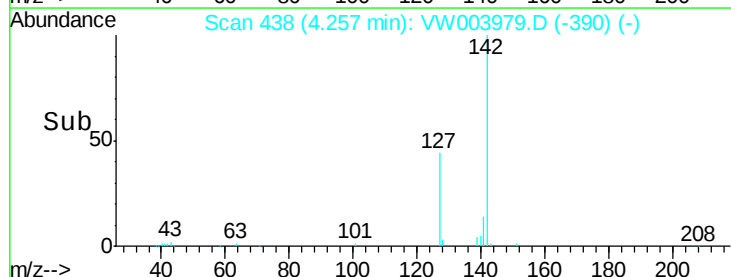
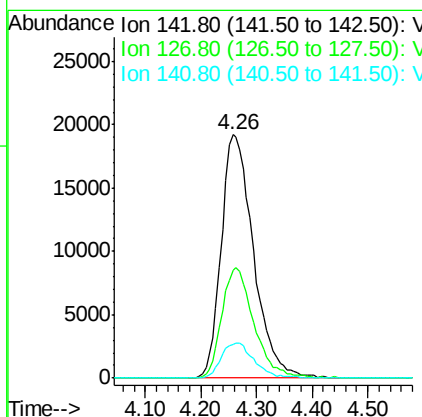
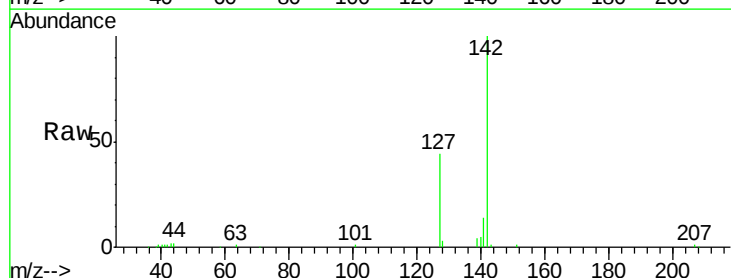
RT: 4.26 min Scan# 438

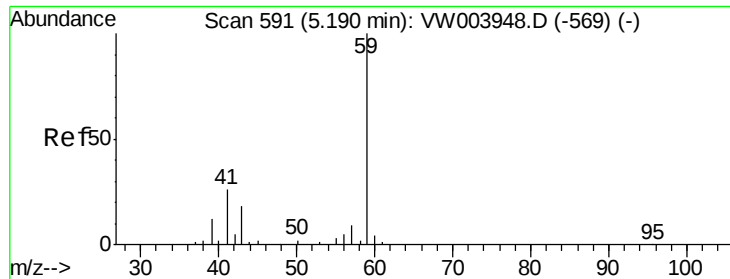
Delta R.T. -0.01 min

Lab File: VW003979.D

Acq: 17 Jul 2018 12:42

Tgt Ion:	142	Resp:	77070
Ion Ratio	Lower	Upper	
142	100		
127	45.2	35.4	53.2
141	14.8	11.7	17.5





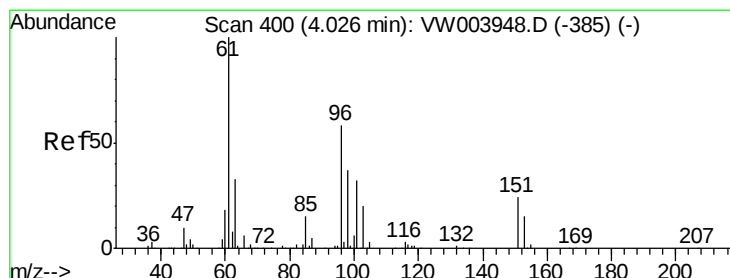
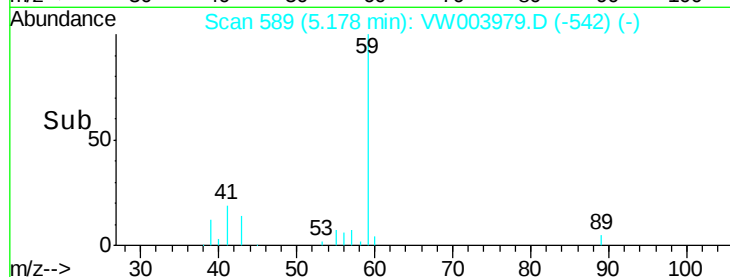
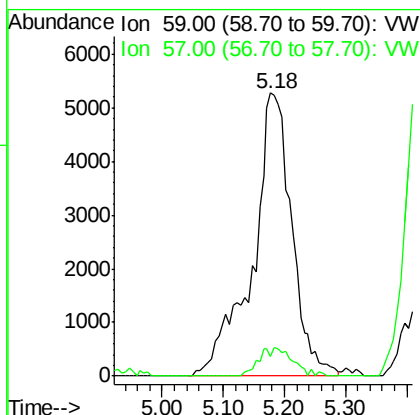
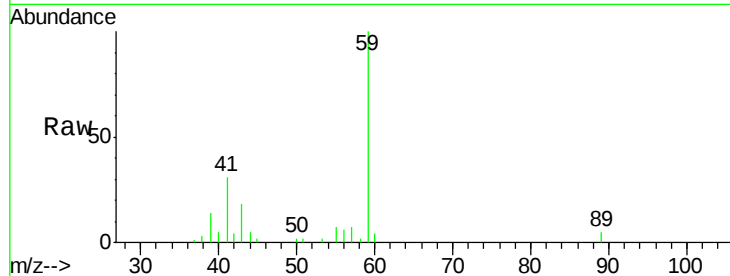
#11
Tert butyl alcohol
Concen: 120.32 ug/l
RT: 5.18 min Scan# 589
Delta R.T. -0.01 min
Lab File: VW003979.D
Acq: 17 Jul 2018 12:42

Instrument :
MSVOA_W
ClientSampleId :
VW0717SBS01

Tot Ion: 59 Resp: 23632
Ion Ratio Lower Upper
59 100
57 3.5 8.5 12.7#

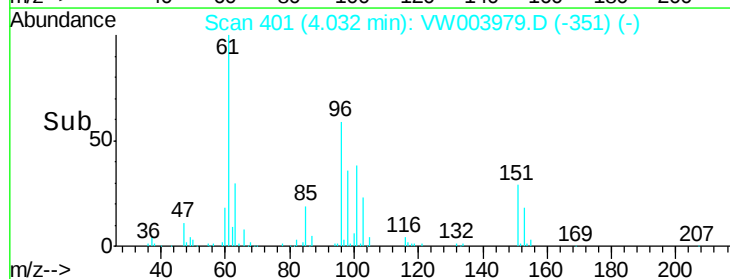
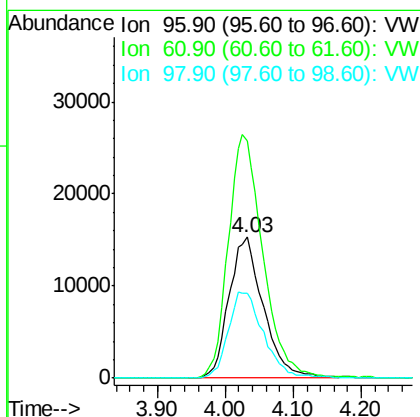
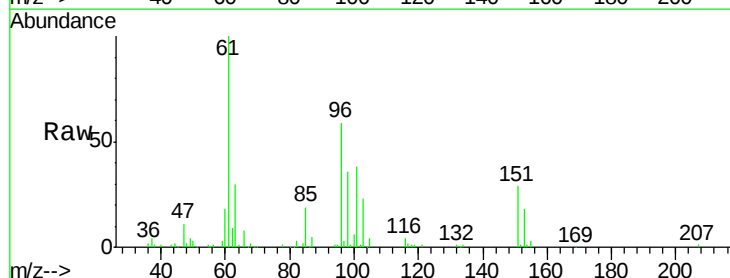
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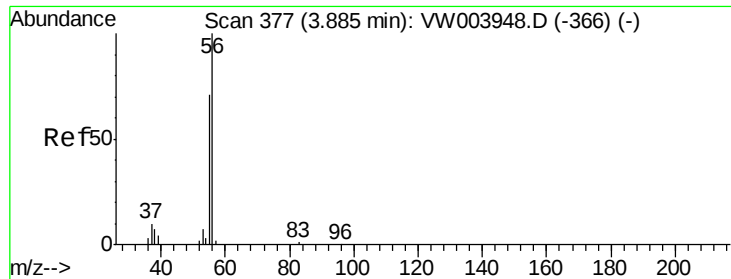
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#12
1,1-Dichloroethene
Concen: 21.61 ug/l
RT: 4.03 min Scan# 401
Delta R.T. 0.01 min
Lab File: VW003979.D
Acq: 17 Jul 2018 12:42

Tgt Ion: 96 Resp: 53467
Ion Ratio Lower Upper
96 100
61 168.6 137.0 205.6
98 60.5 50.2 75.4





#13

Acrolein

Concen: 101.91 ug/l

RT: 3.88 min Scan# 376

Delta R.T. -0.01 min

Lab File: VW003979.D

Acq: 17 Jul 2018 12:42

Instrument :

MSVOA_W

ClientSampleId :

VW0717SBSD01

Tot Ion: 56 Resp: 20567

Ion Ratio Lower Upper

56 100

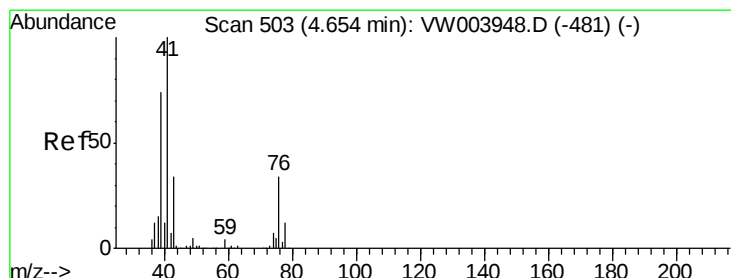
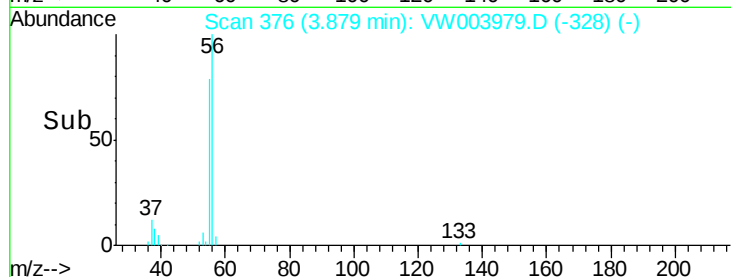
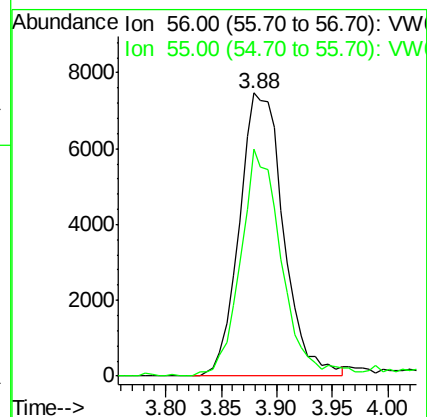
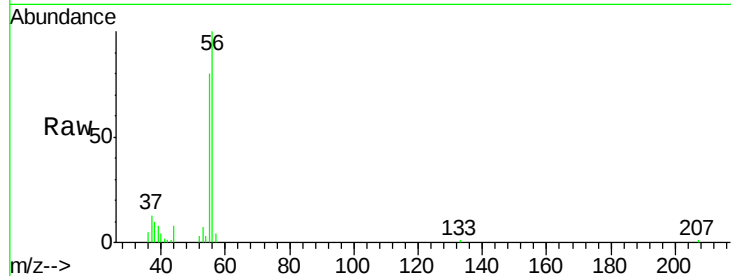
55 72.3 58.2 87.4

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#14

Allyl chloride

Concen: 21.58 ug/l

RT: 4.65 min Scan# 503

Delta R.T. -0.00 min

Lab File: VW003979.D

Acq: 17 Jul 2018 12:42

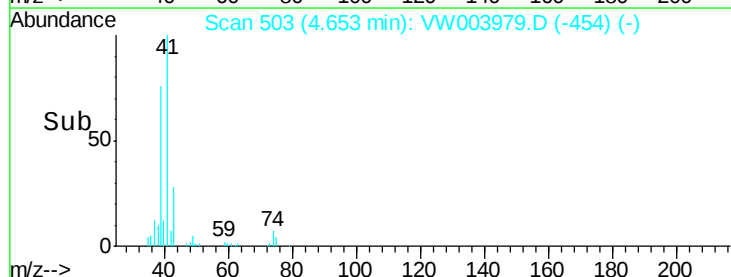
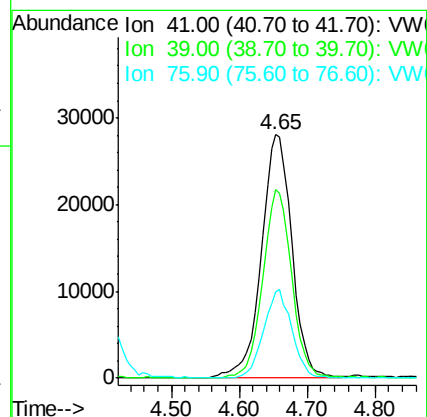
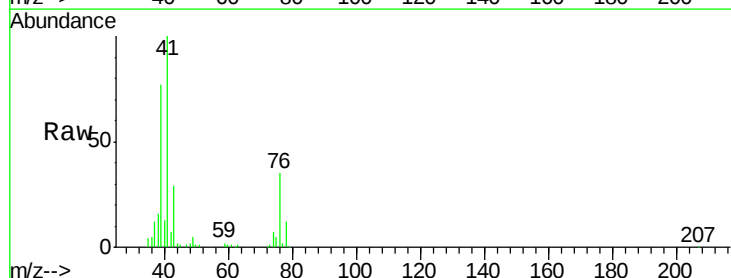
Tgt Ion: 41 Resp: 88105

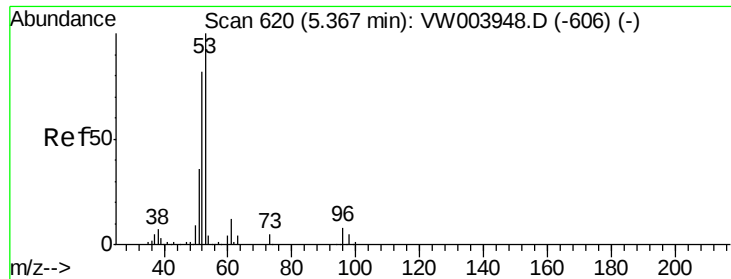
Ion Ratio Lower Upper

41 100

39 73.4 57.0 85.4

76 33.6 26.5 39.7





#15

Acrylonitrile

Concen: 101.58 ug/l

RT: 5.37 min Scan# 620

Delta R.T. -0.00 min

Lab File: VW003979.D

Acq: 17 Jul 2018 12:42

Instrument :

MSVOA_W

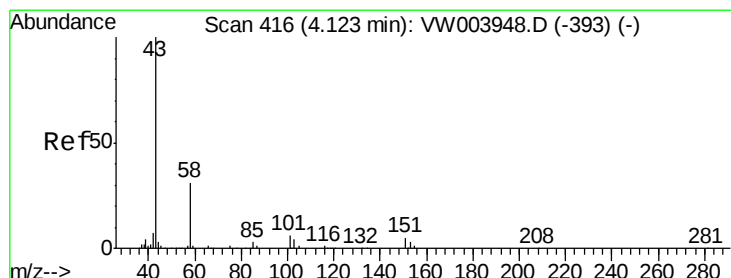
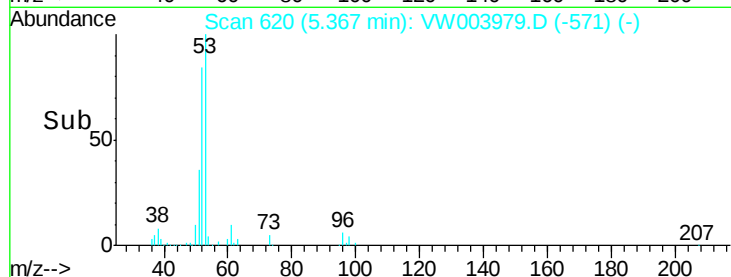
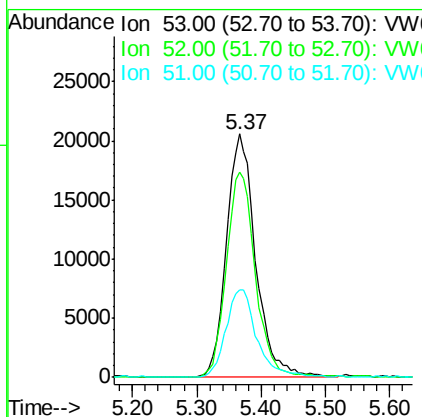
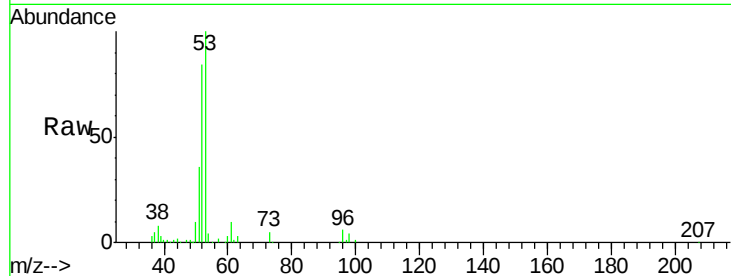
ClientSampleId :

VW0717SBS01

Tot Ion:	53	Resp:	65642
Ion Ratio		Lower	Upper
53	100		
52	83.1	66.1	99.1
51	37.9	29.8	44.6

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#16

Acetone

Concen: 102.30 ug/l

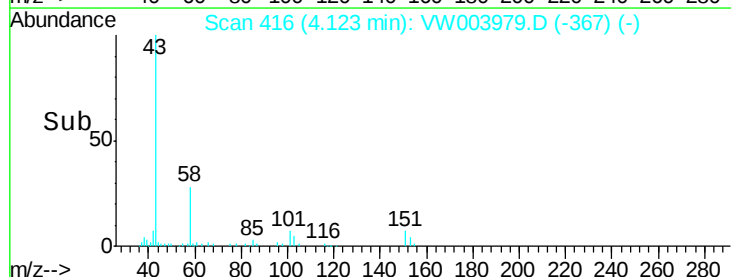
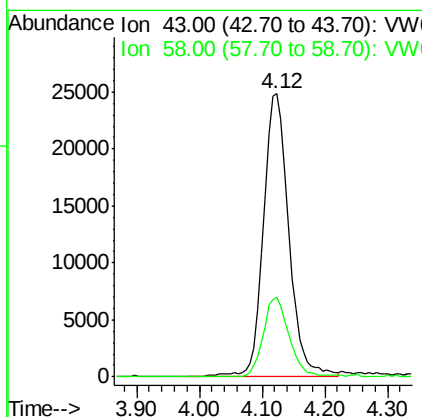
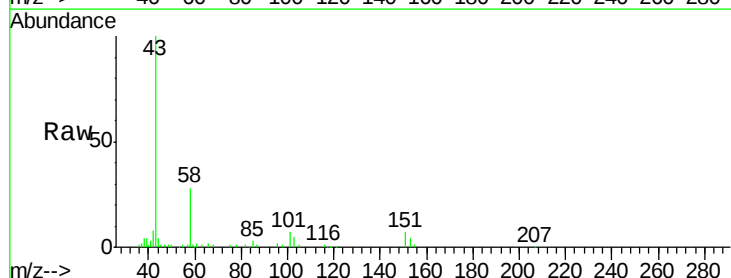
RT: 4.12 min Scan# 416

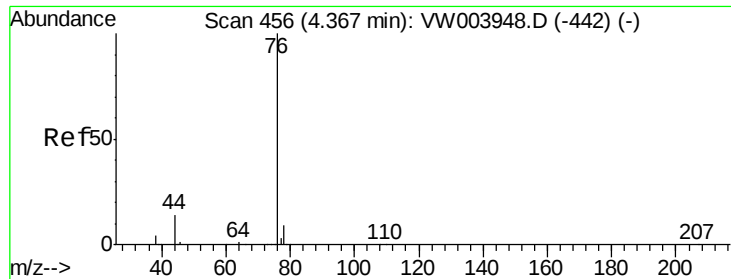
Delta R.T. -0.00 min

Lab File: VW003979.D

Acq: 17 Jul 2018 12:42

Tgt Ion:	43	Resp:	69943
Ion Ratio		Lower	Upper
43	100		
58	28.0	24.5	36.7





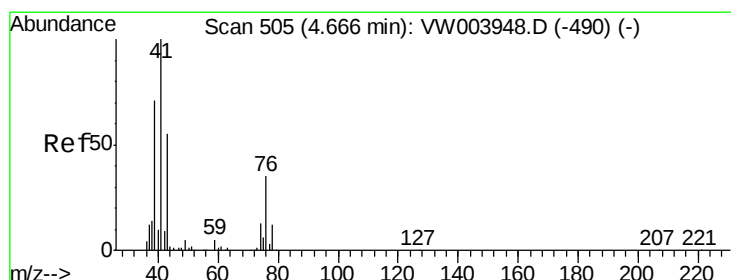
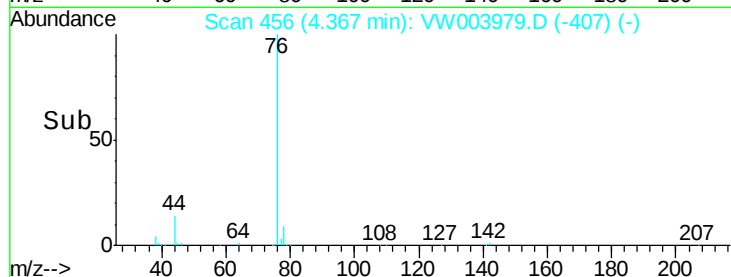
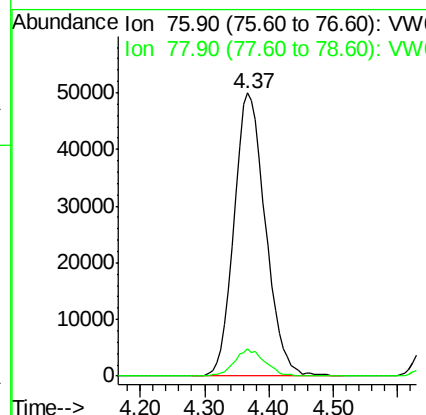
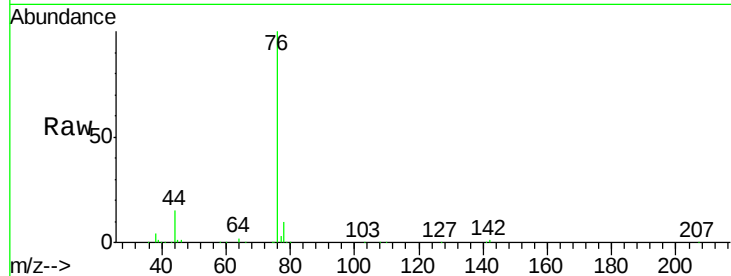
#17
Carbon Disulfide
Concen: 21.94 ug/l
RT: 4.37 min Scan# 456
Delta R.T. -0.00 min
Lab File: VW003979.D
Acq: 17 Jul 2018 12:42

Instrument :
MSVOA_W
ClientSampleId :
VW0717SBSD01

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.7	7.1	10.7

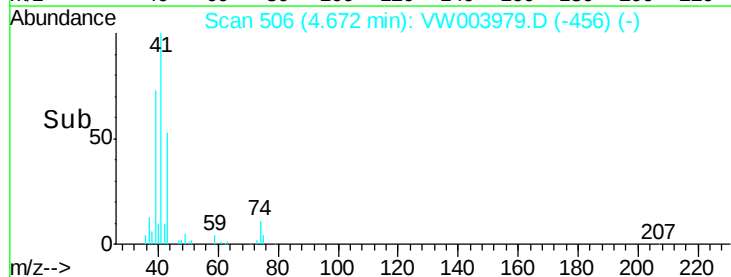
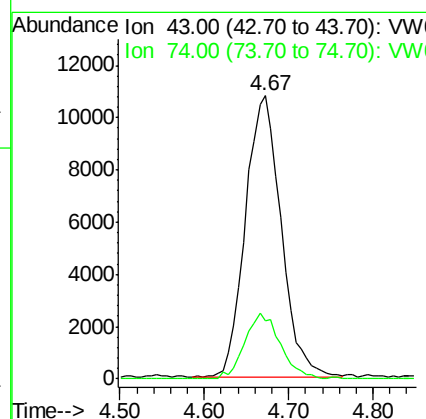
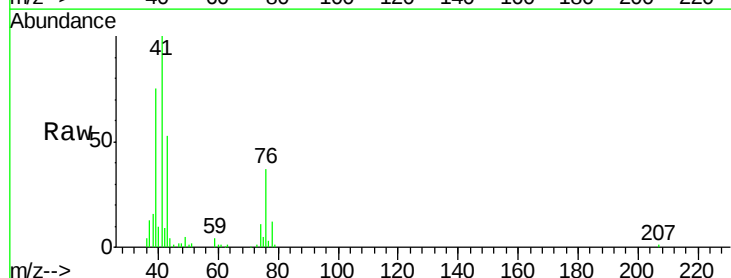
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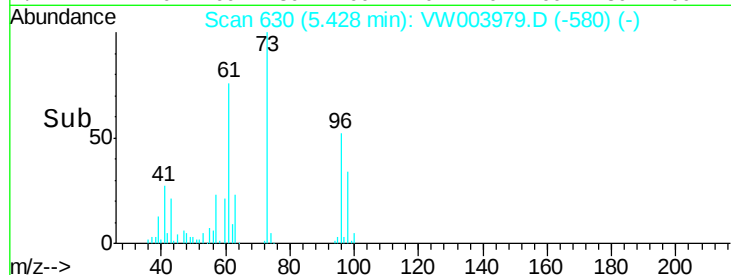
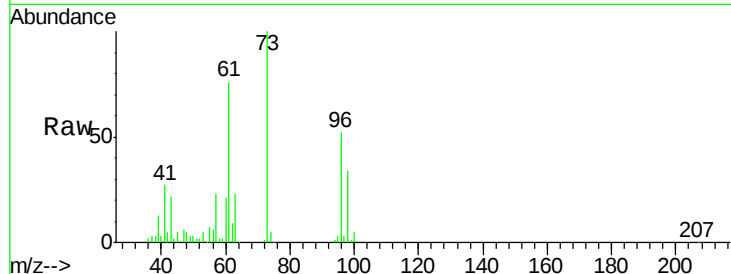
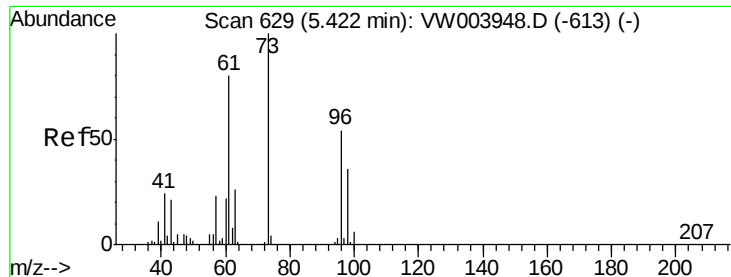
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#18
Methyl Acetate
Concen: 18.90 ug/l
RT: 4.67 min Scan# 506
Delta R.T. 0.01 min
Lab File: VW003979.D
Acq: 17 Jul 2018 12:42

Tgt Ion	Ratio	Lower	Upper
43	100		
74	23.2	17.7	26.5





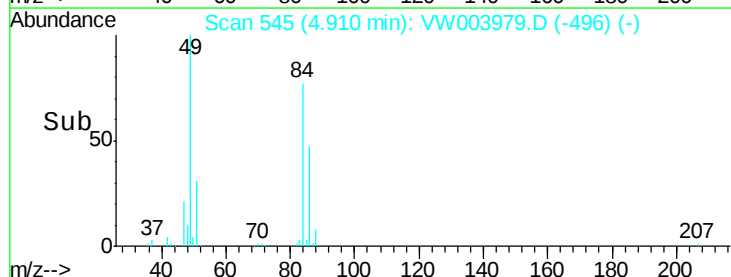
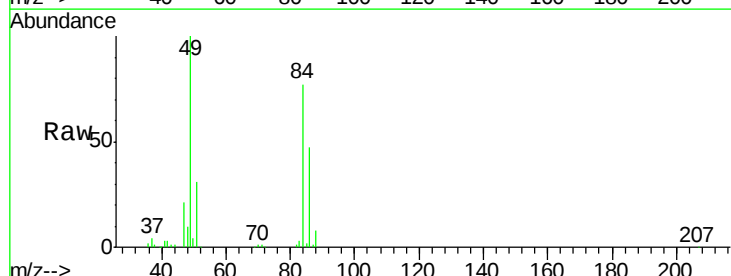
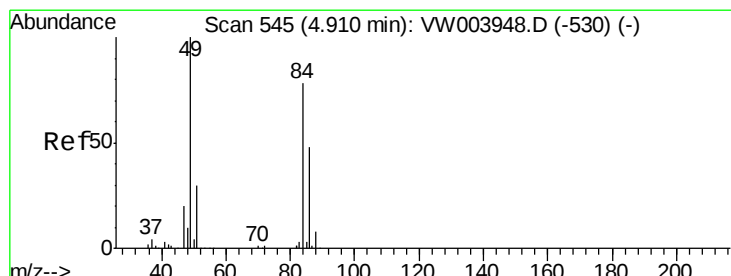
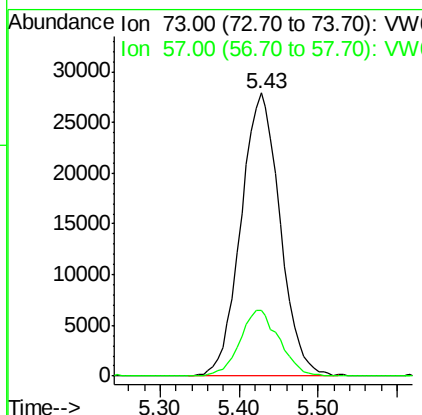
#19
Methvl tert-butvl Ether
Concen: 20.30 ug/l
RT: 5.43 min Scan# 630
Delta R.T. 0.01 min
Lab File: VW003979.D
Acq: 17 Jul 2018 12:42

Tot Ion: 73 Resp: 96243
Ion Ratio Lower Upper
73 100
57 23.4 18.2 27.4

Instrument :
MSVOA_W
ClientSampleId :
VW0717SBS01

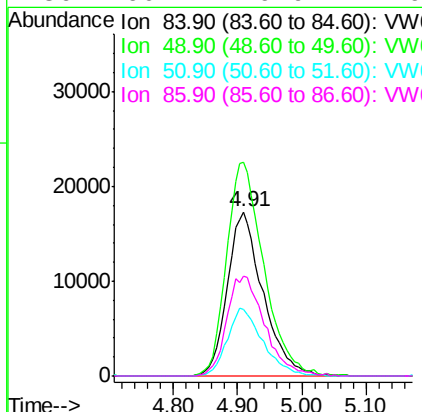
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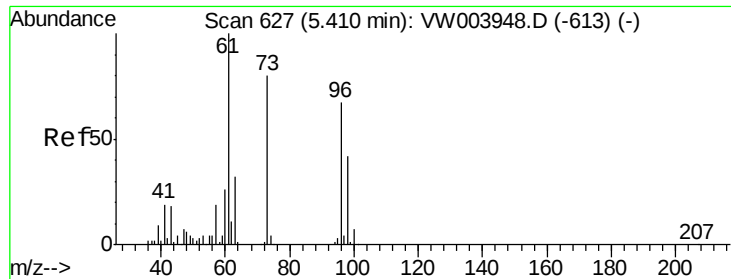
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#20
Methylene Chloride
Concen: 16.99 ug/l
RT: 4.91 min Scan# 545
Delta R.T. 0.00 min
Lab File: VW003979.D
Acq: 17 Jul 2018 12:42

Tgt Ion: 84 Resp: 66945
Ion Ratio Lower Upper
84 100
49 130.4 102.9 154.3
51 40.3 30.9 46.3
86 60.7 49.9 74.9





#21

trans-1,2-Dichloroethene

Concen: 21.16 ug/l

RT: 5.42 min Scan# 628

Delta R.T. 0.01 min

Lab File: VW003979.D

Acq: 17 Jul 2018 12:42

Instrument :

MSVOA_W

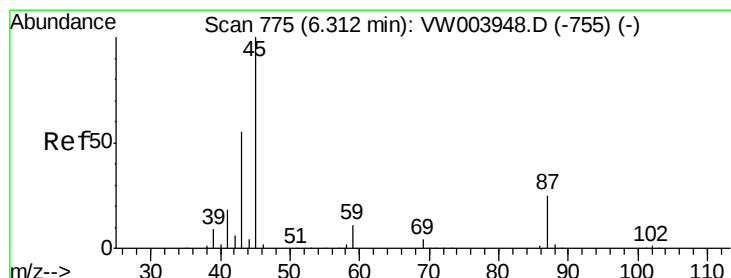
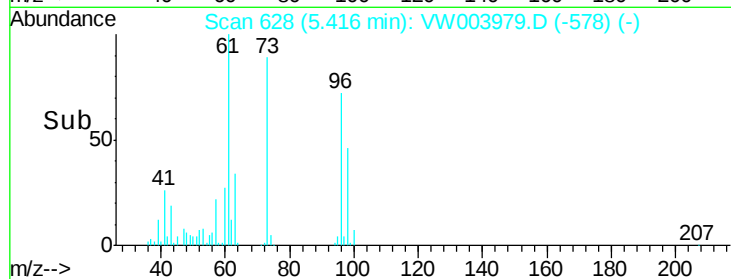
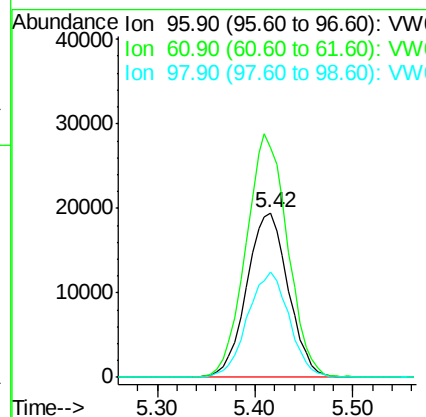
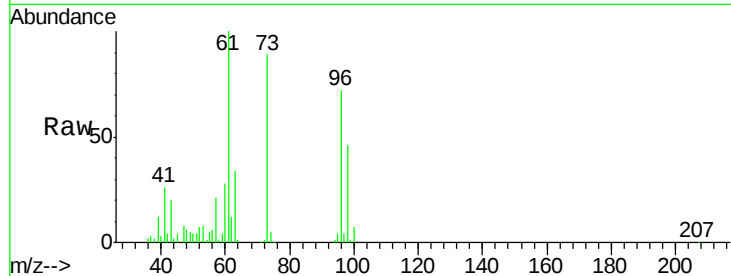
ClientSampleId :

VW0717SBS01

Tot Ion:	96	Resp:	57387
Ion	Ratio	Lower	Upper
96	100		
61	139.7	119.0	178.4
98	64.3	49.9	74.9

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#22

Diisopropyl ether

Concen: 22.22 ug/l

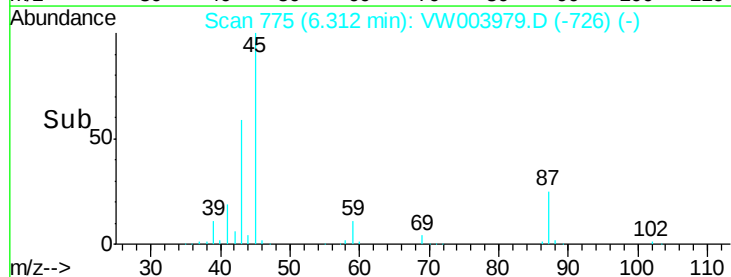
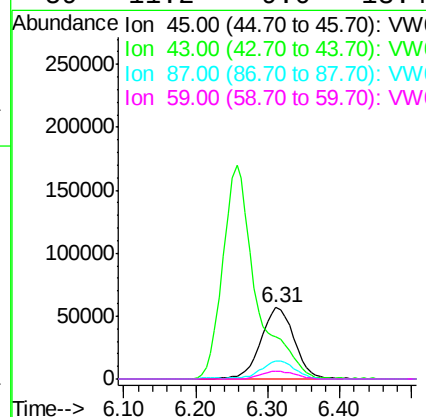
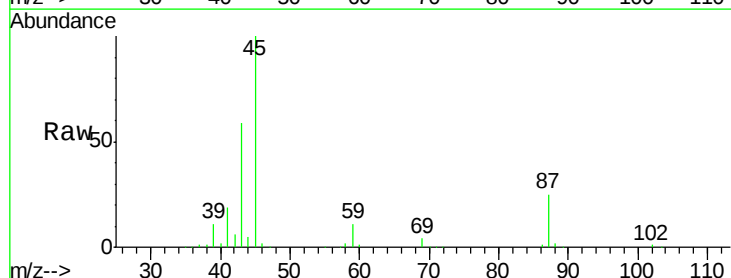
RT: 6.31 min Scan# 775

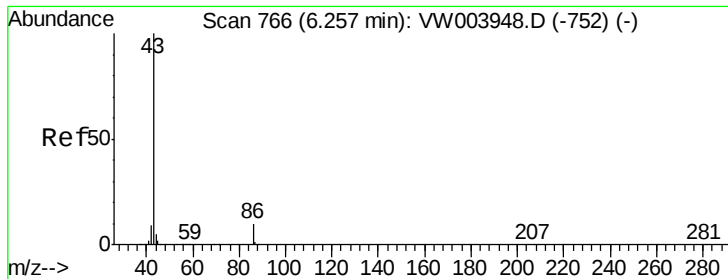
Delta R.T. -0.00 min

Lab File: VW003979.D

Acq: 17 Jul 2018 12:42

Tgt Ion:	45	Resp:	183370
Ion	Ratio	Lower	Upper
45	100		
43	58.5	44.3	66.5
87	24.8	20.2	30.4
59	11.2	9.0	13.4





#23

Vinyl Acetate

Concen: 104.59 ug/l

RT: 6.26 min Scan# 766

Delta R.T. -0.00 min

Lab File: VW003979.D

Acq: 17 Jul 2018 12:42

Instrument :

MSVOA_W

ClientSampleId :

VW0717SBS01

Tot Ion: 43 Resp: 546880

Ion Ratio Lower Upper

43 100

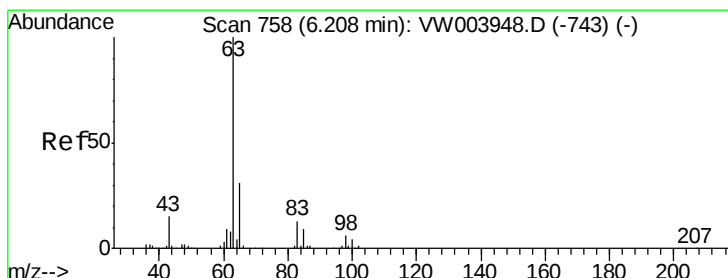
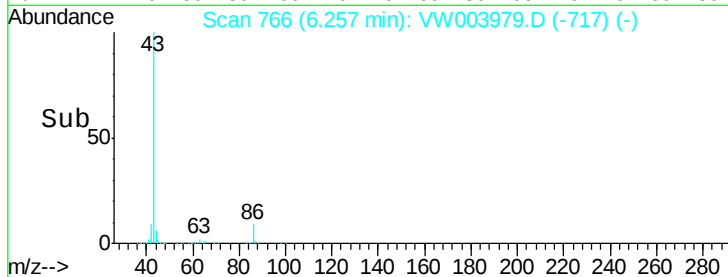
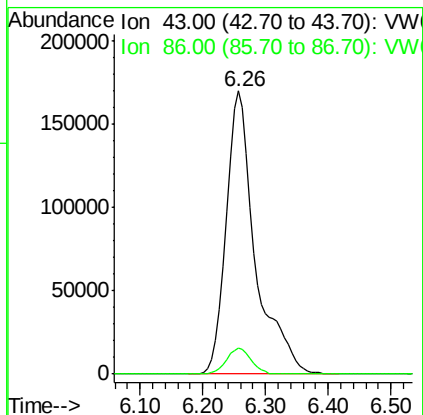
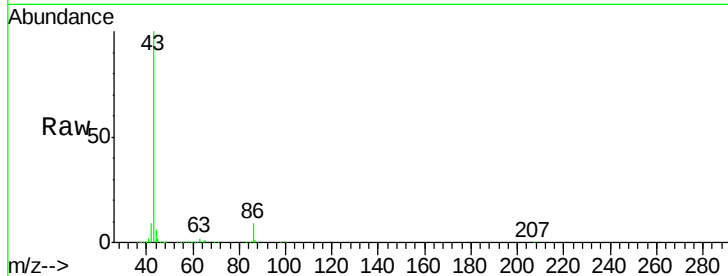
86 9.3 7.6 11.4

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#24

1,1-Dichloroethane

Concen: 21.44 ug/l

RT: 6.21 min Scan# 759

Delta R.T. 0.01 min

Lab File: VW003979.D

Acq: 17 Jul 2018 12:42

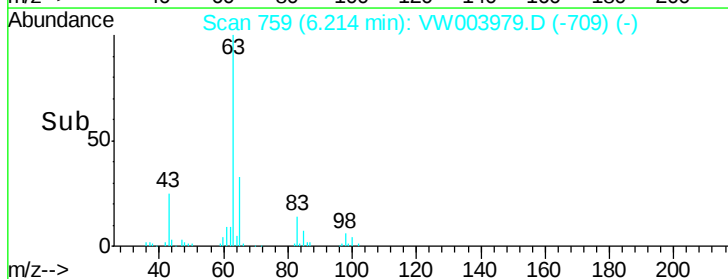
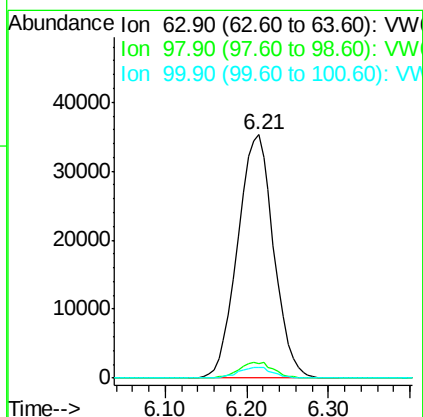
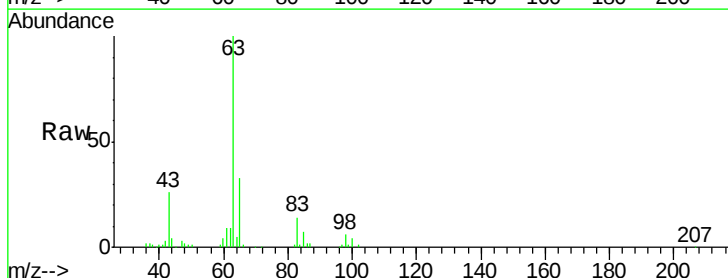
Tgt Ion: 63 Resp: 107973

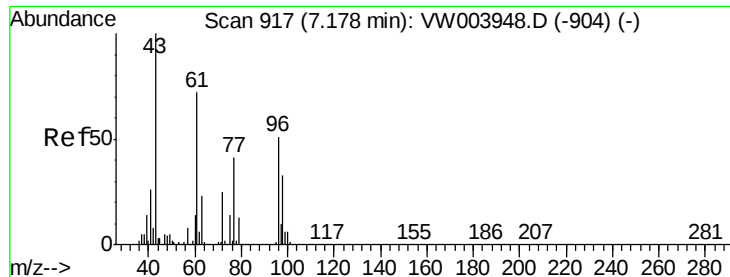
Ion Ratio Lower Upper

63 100

98 6.1 3.1 9.4

100 4.5 2.1 6.5





#25

2-Butanone

Concen: 100.43 ug/l

RT: 7.18 min Scan# 917

Delta R.T. -0.00 min

Lab File: VW003979.D

Acq: 17 Jul 2018 12:42

Instrument :

MSVOA_W

ClientSampled :

VW0717SBS01

Tot Ion: 43 Resp: 92402

Ion Ratio Lower Upper

43 100

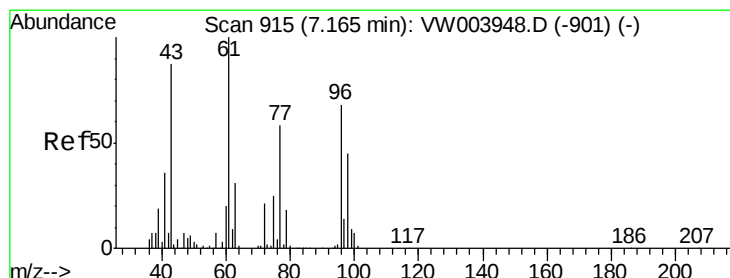
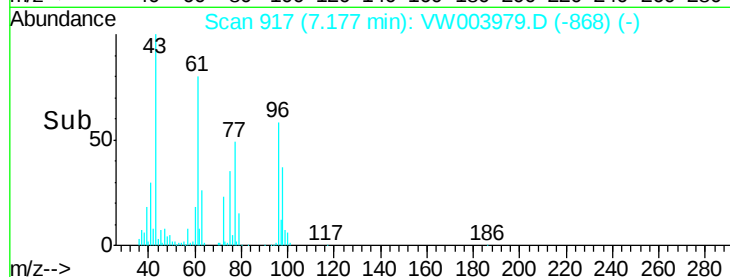
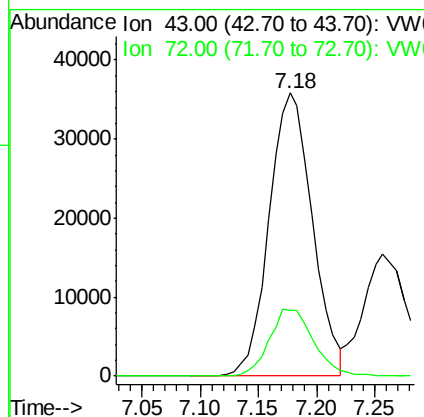
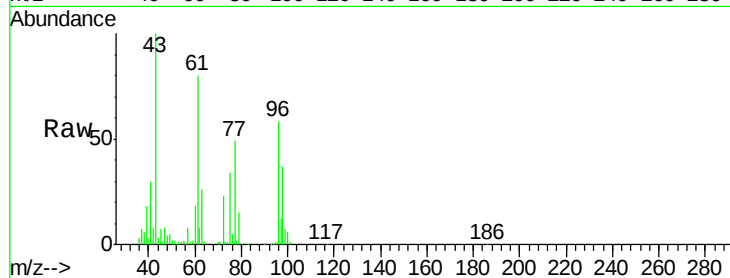
72 23.1 19.8 29.6

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#26

2,2-Dichloropropane

Concen: 22.20 ug/l

RT: 7.16 min Scan# 914

Delta R.T. -0.01 min

Lab File: VW003979.D

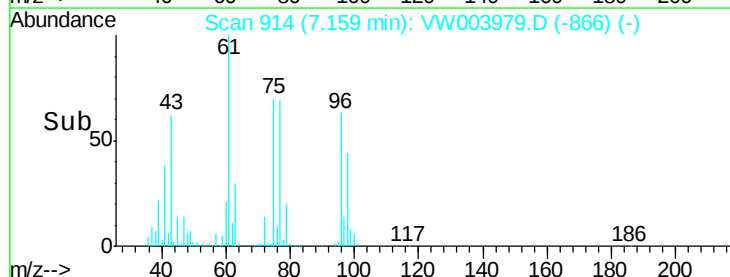
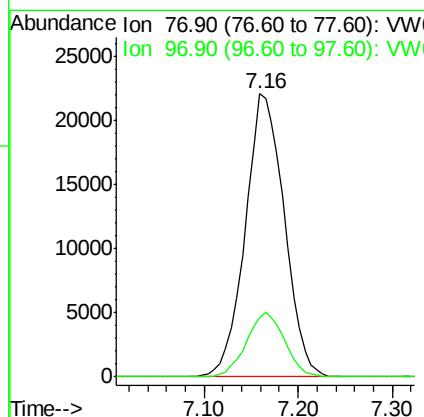
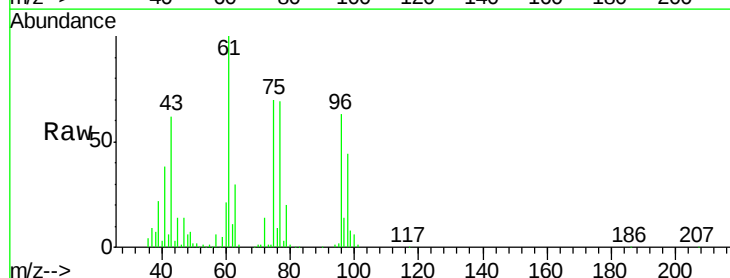
Acq: 17 Jul 2018 12:42

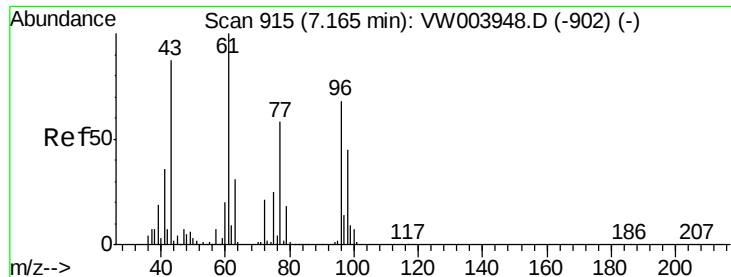
Tgt Ion: 77 Resp: 64169

Ion Ratio Lower Upper

77 100

97 22.3 11.8 35.3





#27

cis-1,2-Dichloroethene

Concen: 20.99 ug/l

RT: 7.17 min Scan# 915

Delta R.T. -0.00 min

Lab File: VW003979.D

Acq: 17 Jul 2018 12:42

Instrument :

MSVOA_W

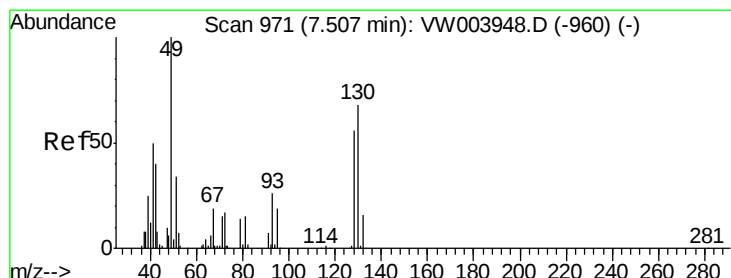
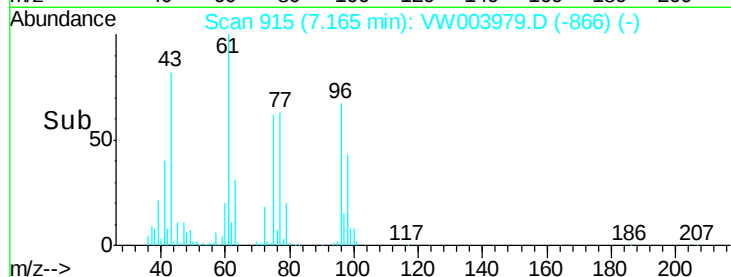
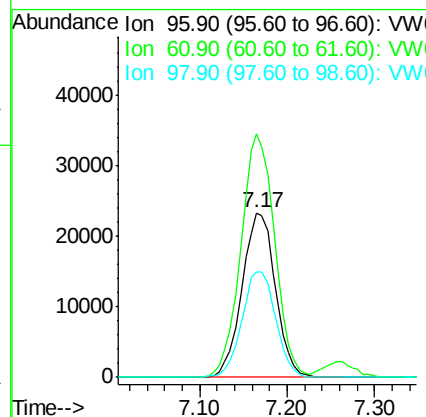
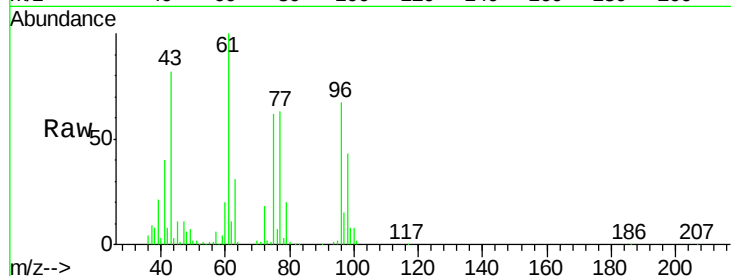
ClientSampleId :

VW0717SBSD01

Tot Ion:	96	Resp:	61540
Ion	Ratio	Lower	Upper
96	100		
61	150.1	0.0	298.6
98	64.8	0.0	130.4

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#28

Bromochloromethane

Concen: 21.25 ug/l

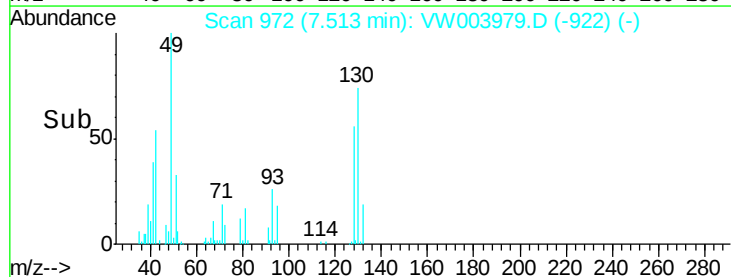
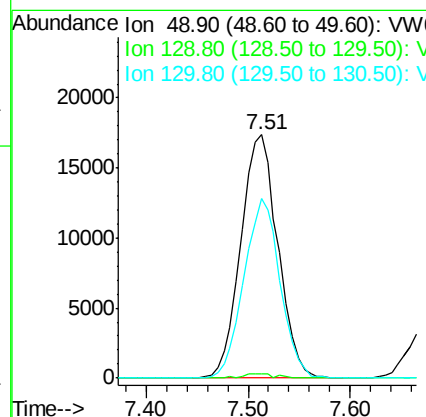
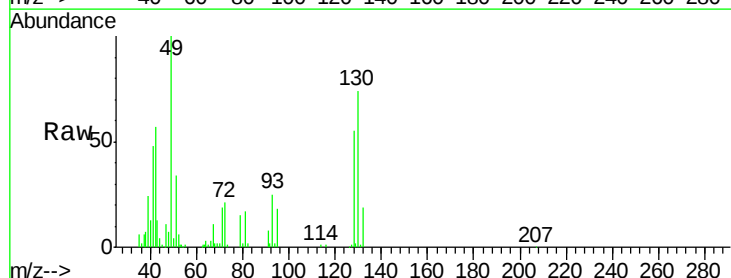
RT: 7.51 min Scan# 972

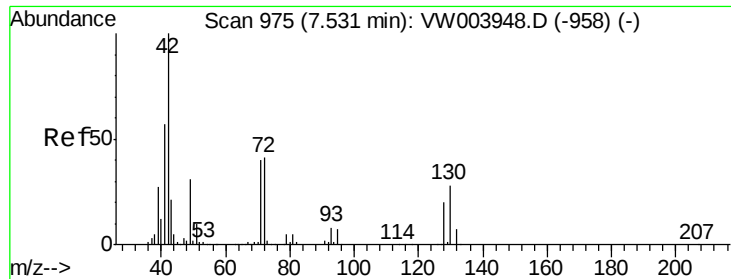
Delta R.T. 0.01 min

Lab File: VW003979.D

Acq: 17 Jul 2018 12:42

Tgt Ion:	49	Resp:	43780
Ion	Ratio	Lower	Upper
49	100		
129	1.4	0.0	2.2
130	72.2	58.3	87.5





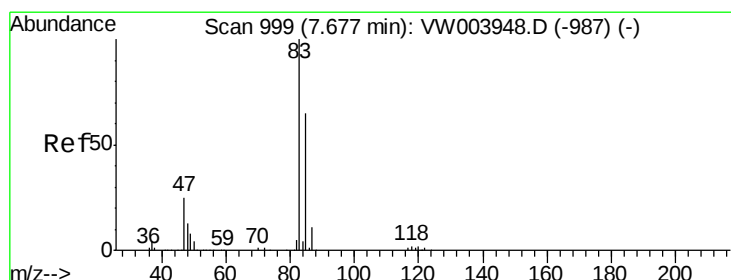
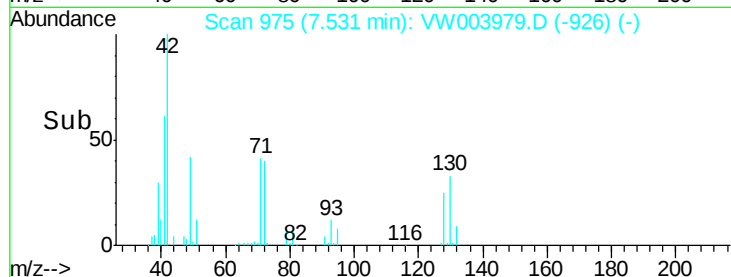
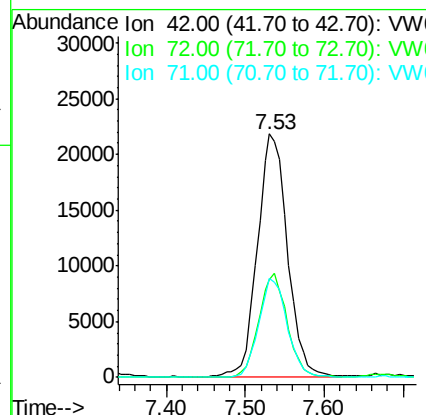
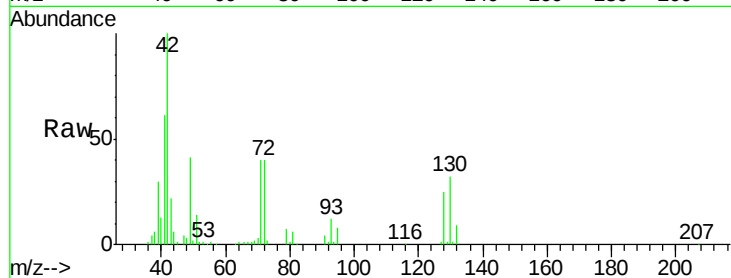
#29
Tetrahydrofuran
Concen: 101.11 ug/l
RT: 7.53 min Scan# 975
Delta R.T. -0.00 min
Lab File: VW003979.D
Acq: 17 Jul 2018 12:42

Instrument :
MSVOA_W
ClientSampleId :
VW0717SBS01

Tot Ion	Ratio	Lower	Upper
42	100		
72	40.0	32.6	48.8
71	38.5	30.5	45.7

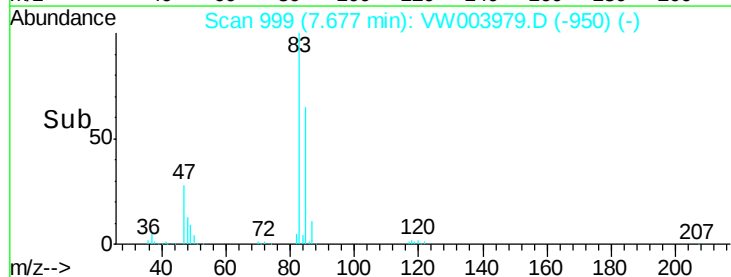
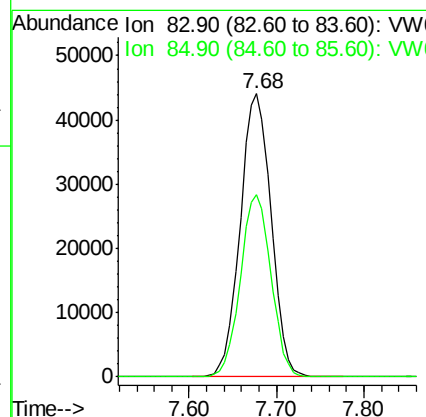
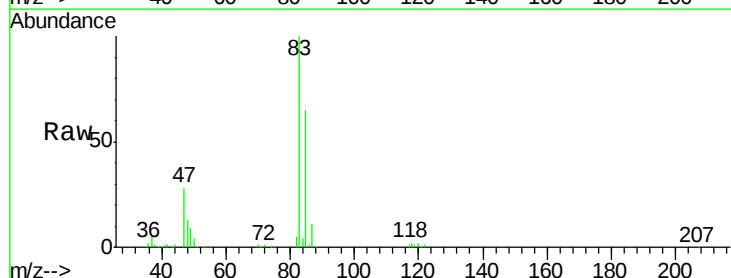
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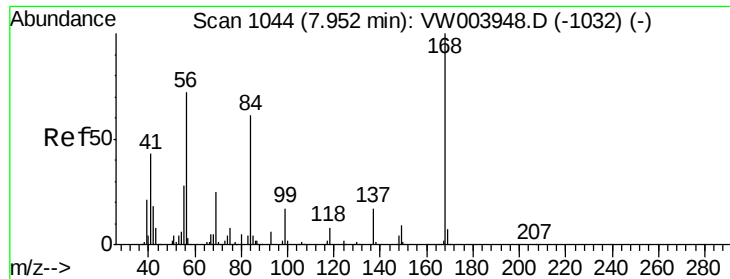
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#30
Chloroform
Concen: 21.57 ug/l
RT: 7.68 min Scan# 999
Delta R.T. -0.00 min
Lab File: VW003979.D
Acq: 17 Jul 2018 12:42

Tgt Ion	Ratio	Lower	Upper
83	100		
85	64.6	52.2	78.4





#31

Cyclohexane

Concen: 21.33 ug/l

RT: 7.95 min Scan# 1044

Delta R.T. -0.00 min

Lab File: VW003979.D

Acq: 17 Jul 2018 12:42

Instrument :

MSVOA_W

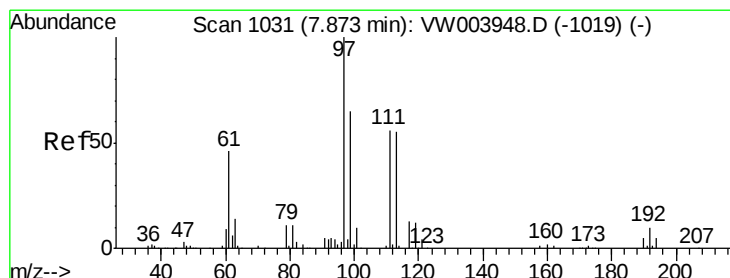
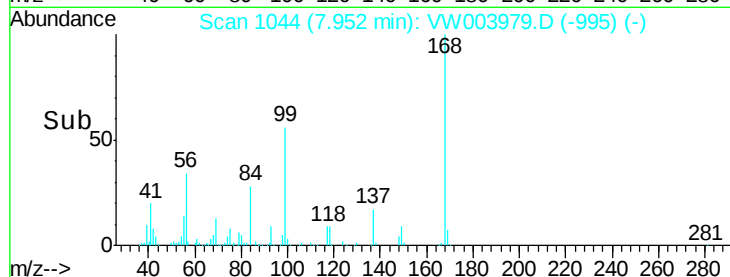
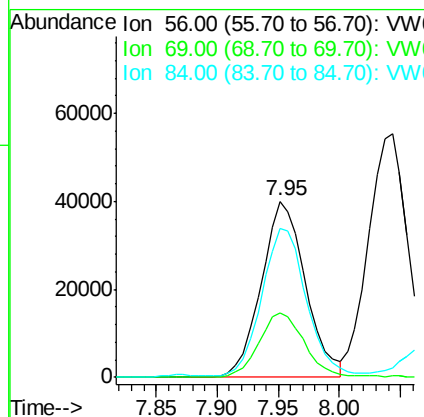
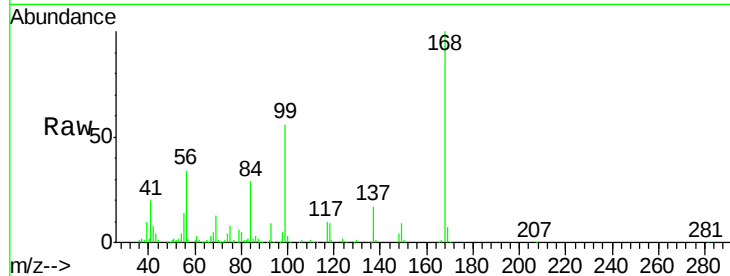
ClientSampled :

VW0717SBS01

Tot Ion:	56	Resp:	100674
Ion	Ratio	Lower	Upper
56	100		
69	36.9	27.8	41.8
84	83.0	67.2	100.8

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#32

1,1,1-Trichloroethane

Concen: 21.94 ug/l

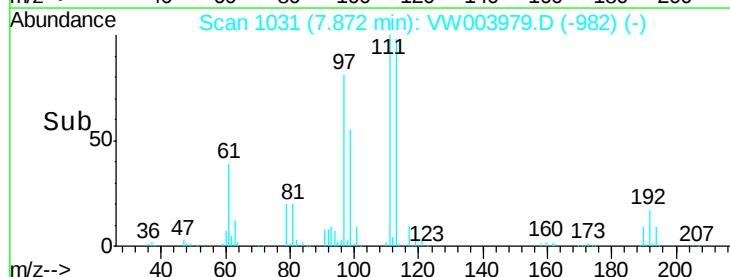
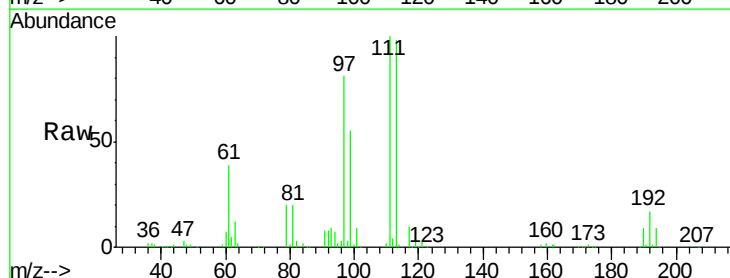
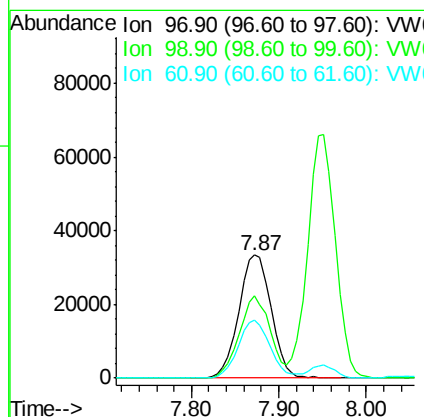
RT: 7.87 min Scan# 1031

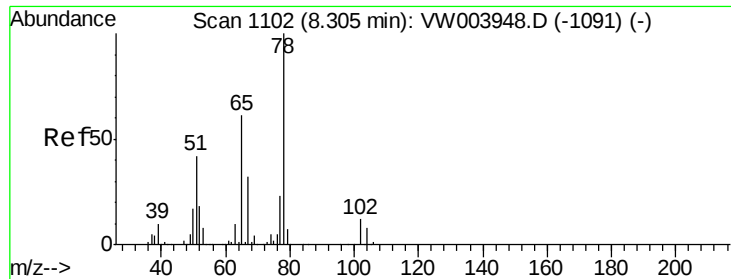
Delta R.T. -0.00 min

Lab File: VW003979.D

Acq: 17 Jul 2018 12:42

Tgt Ion:	97	Resp:	85808
Ion	Ratio	Lower	Upper
97	100		
99	64.6	51.3	76.9
61	46.1	36.8	55.2





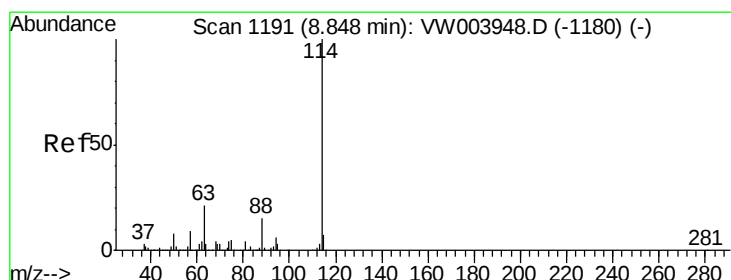
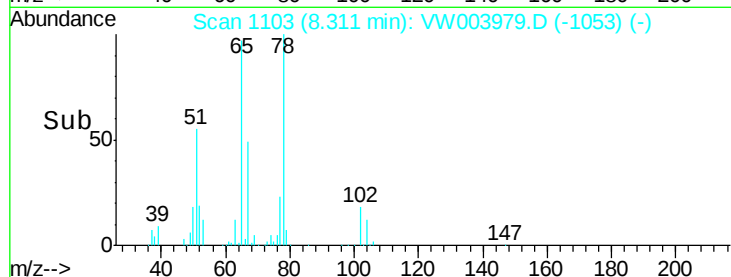
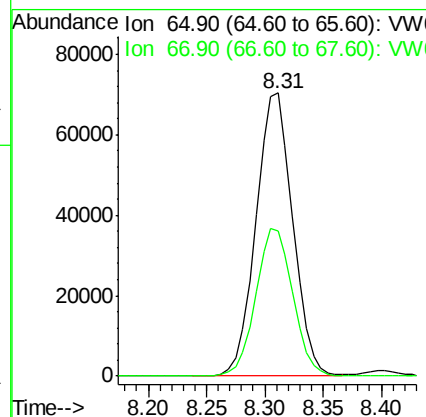
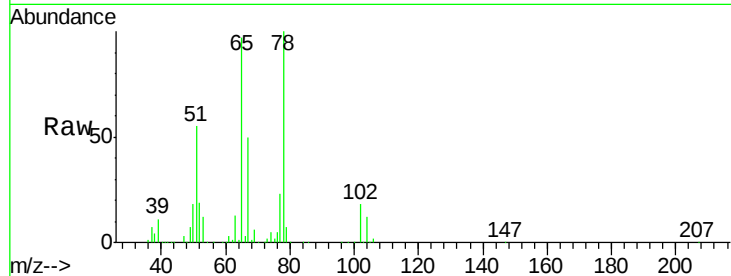
#33
 1,2-Dichloroethane-d4
 Concen: 54.22 ug/l
 RT: 8.31 min Scan# 1103
 Delta R.T. 0.01 min
 Lab File: VW003979.D
 Acq: 17 Jul 2018 12:42

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0717SBS01

Tot Ion	Ratio	Resp	Lower	Upper
65	100	154257		
67	52.5	0.0	105.0	

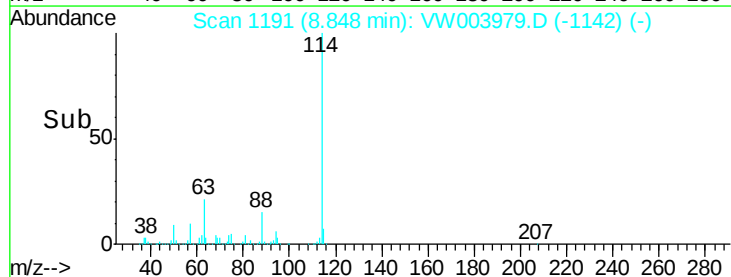
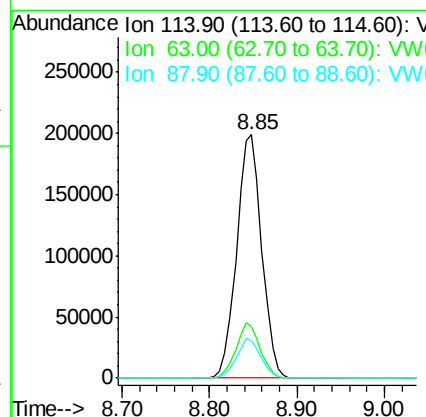
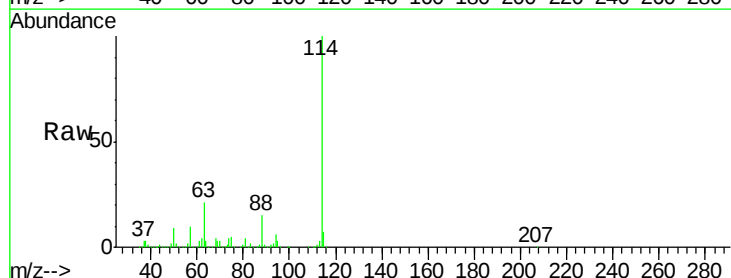
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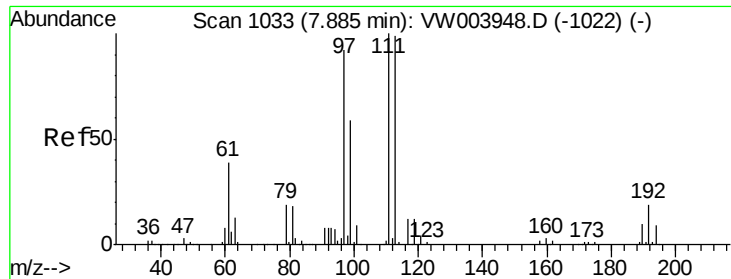
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#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.85 min Scan# 1191
 Delta R.T. -0.00 min
 Lab File: VW003979.D
 Acq: 17 Jul 2018 12:42

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	395148		
63	21.0	0.0	42.8	
88	15.3	0.0	30.4	





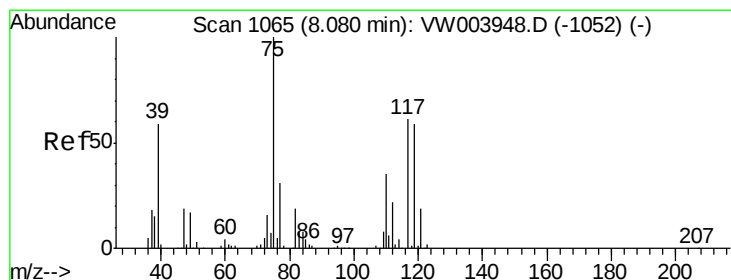
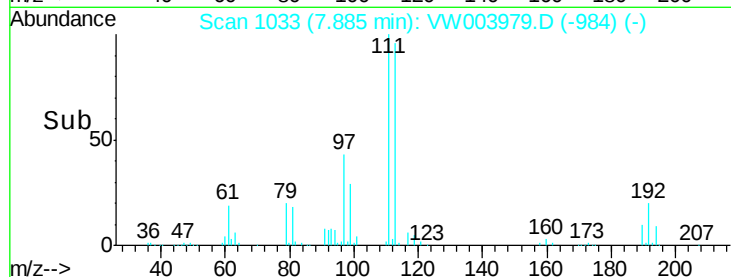
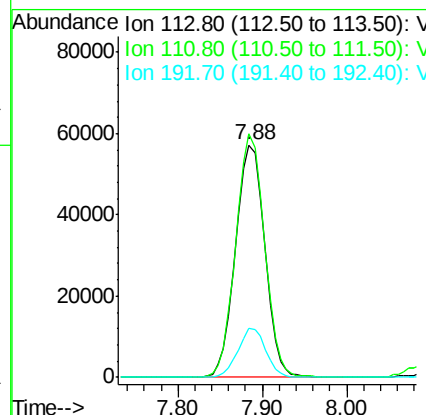
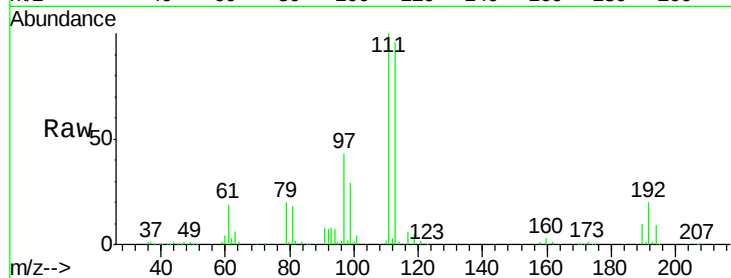
#35
 Dibromofluoromethane
 Concen: 53.16 ug/l
 RT: 7.88 min Scan# 1033
 Delta R.T. -0.00 min
 Lab File: VW003979.D
 Acq: 17 Jul 2018 12:42

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0717SBSD01

Tot Ion	Ratio	Resp	Lower	Upper
113	100	134776		
111	102.6	81.3	121.9	
192	20.0	15.8	23.6	

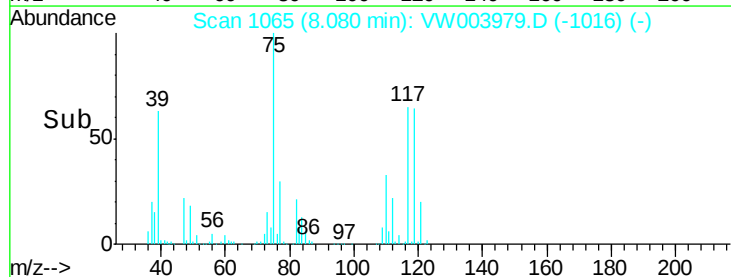
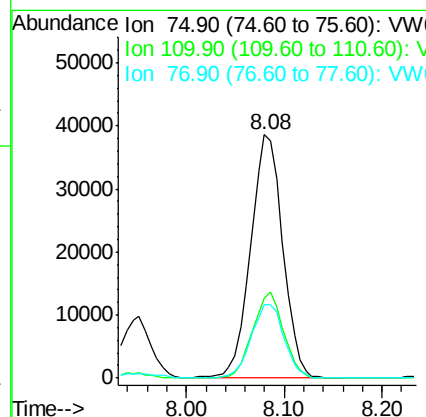
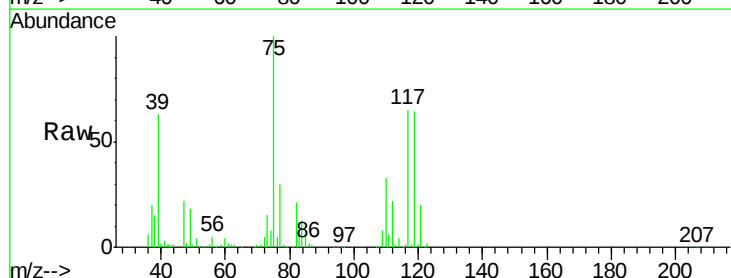
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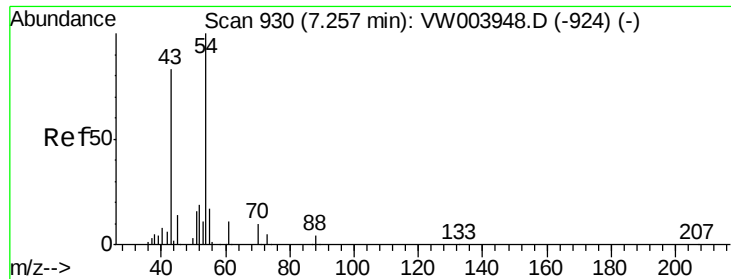
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#36
 1,1-Dichloropropene
 Concen: 21.65 ug/l
 RT: 8.08 min Scan# 1065
 Delta R.T. -0.00 min
 Lab File: VW003979.D
 Acq: 17 Jul 2018 12:42

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	88033		
110	34.0	17.0	51.0	
77	31.3	24.9	37.3	





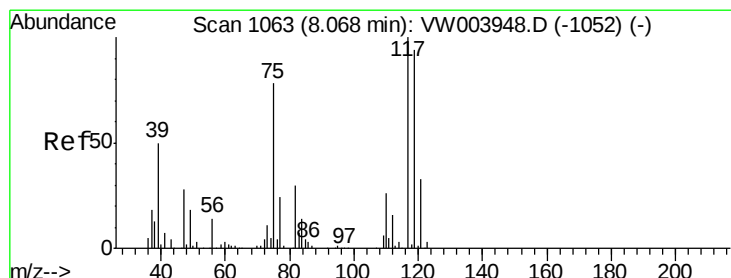
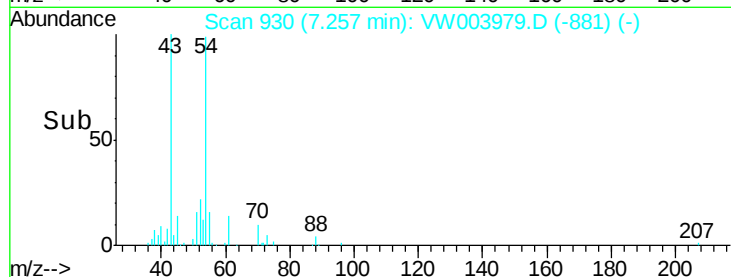
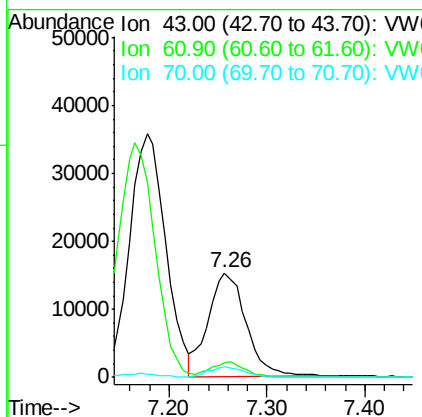
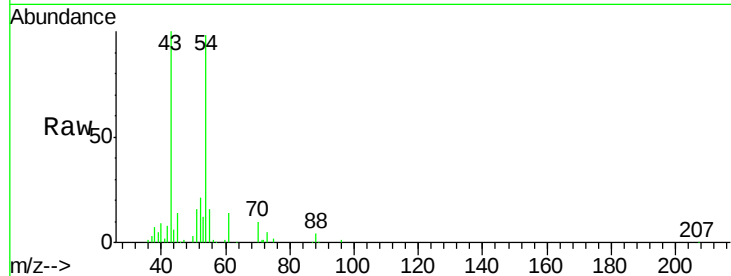
#37
Ethyl Acetate
Concen: 20.94 ug/l
RT: 7.26 min Scan# 930
Delta R.T. -0.00 min
Lab File: VW003979.D
Acq: 17 Jul 2018 12:42

Instrument :
MSVOA_W
ClientSampleId :
VW0717SBS01

Tot Ion	43	Resp	41063
Ion Ratio	100	Lower	Upper
43	100		
61	13.4	10.7	16.1
70	9.6	7.7	11.5

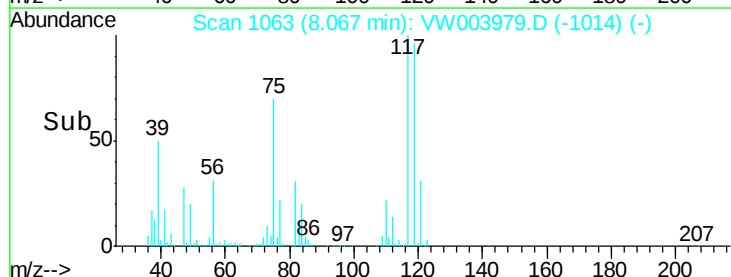
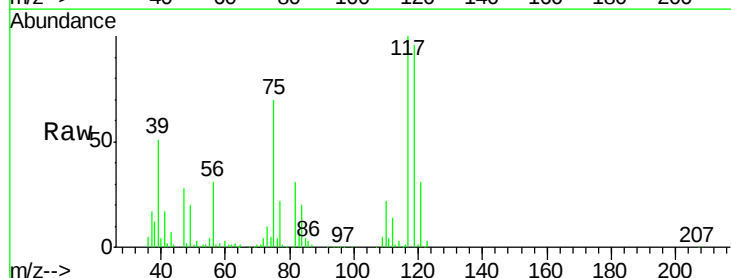
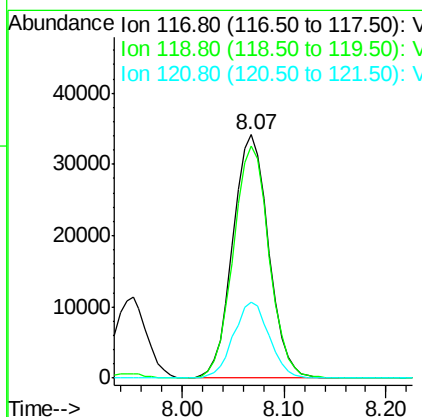
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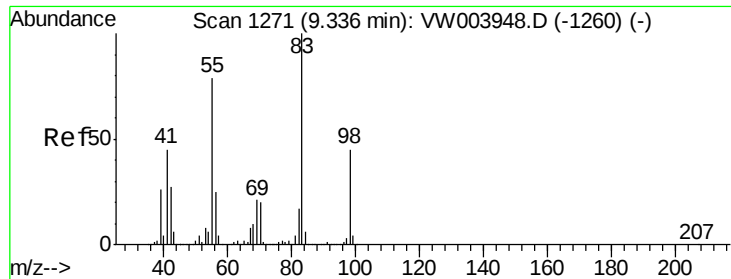
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#38
Carbon Tetrachloride
Concen: 21.89 ug/l
RT: 8.07 min Scan# 1063
Delta R.T. -0.00 min
Lab File: VW003979.D
Acq: 17 Jul 2018 12:42

Tgt Ion	117	Resp	83144
Ion Ratio	100	Lower	Upper
117	100		
119	95.5	75.3	112.9
121	31.1	26.0	39.0





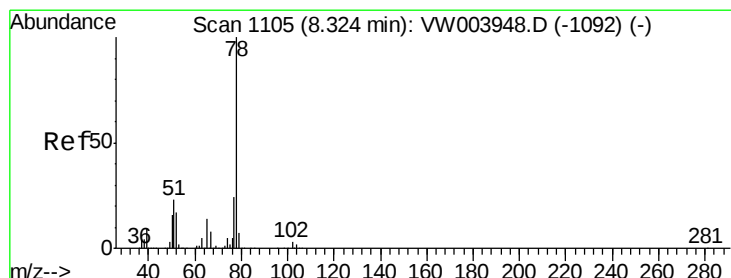
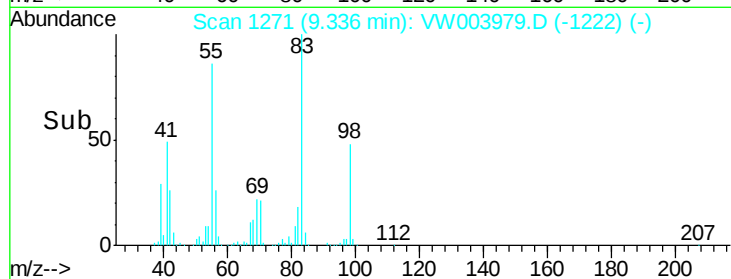
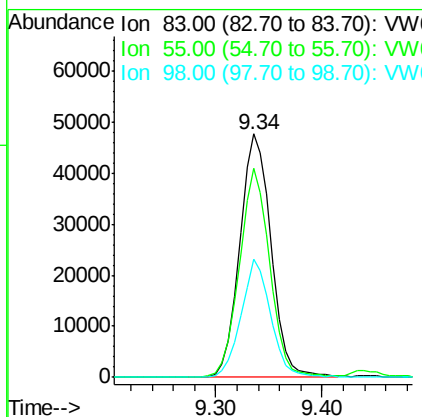
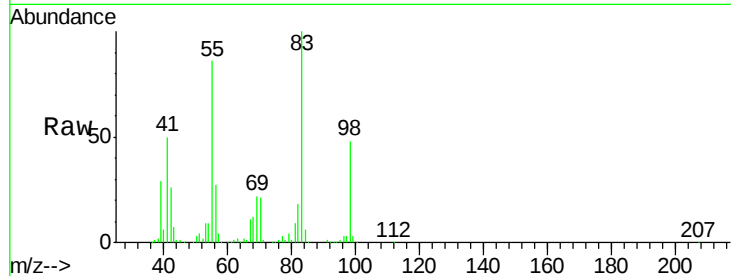
#39
Methvlcvclohexane
Concen: 20.74 ug/l
RT: 9.34 min Scan# 1271
Delta R.T. -0.00 min
Lab File: VW003979.D
Acq: 17 Jul 2018 12:42

Instrument :
MSVOA_W
ClientSampleId :
VW0717SBSD01

Tot Ion	83	Resp	98734
Ion Ratio	Lower	Upper	
83	100		
55	85.7	62.8	94.2
98	48.4	36.2	54.4

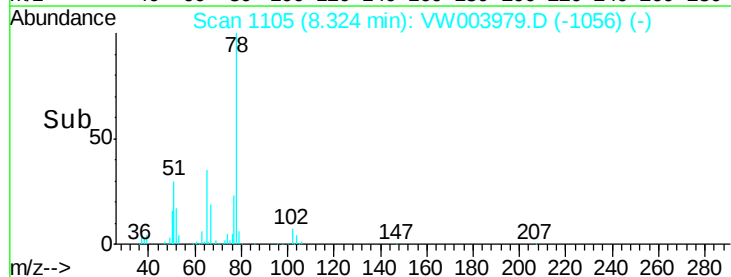
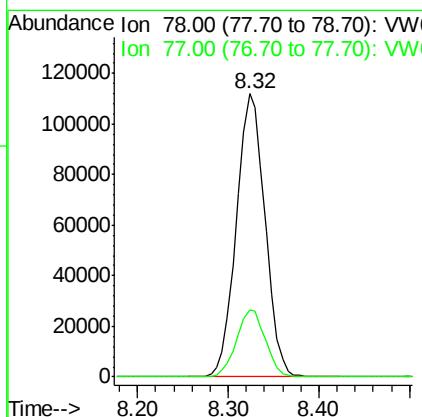
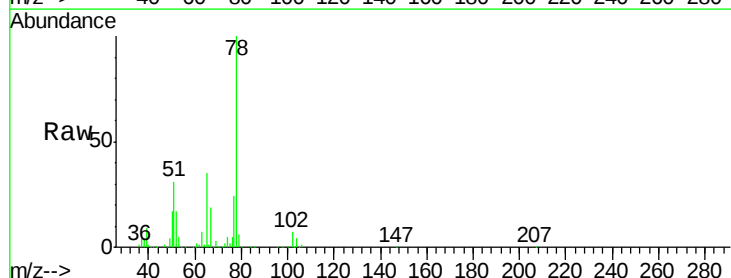
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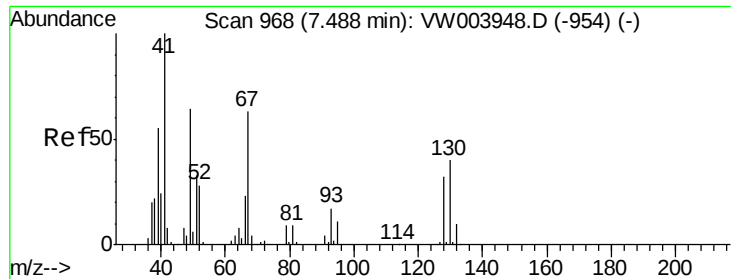
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#40
Benzene
Concen: 21.75 ug/l
RT: 8.32 min Scan# 1105
Delta R.T. -0.00 min
Lab File: VW003979.D
Acq: 17 Jul 2018 12:42

Tgt Ion	78	Resp	245303
Ion Ratio	Lower	Upper	
78	100		
77	23.6	19.5	29.3





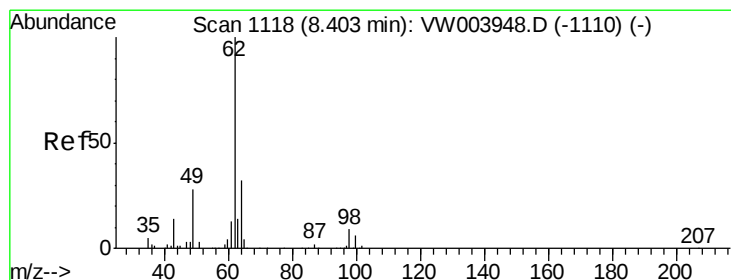
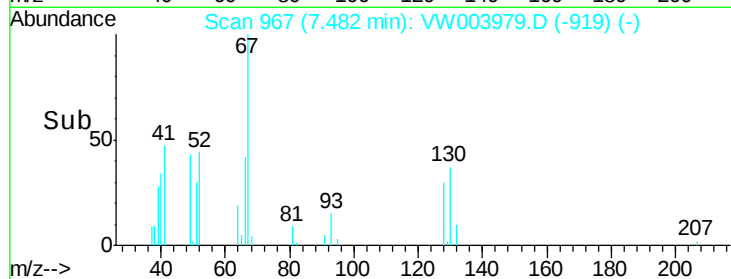
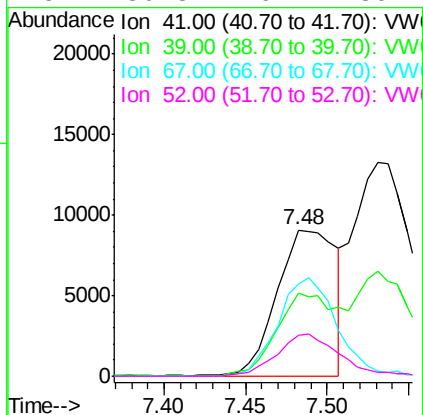
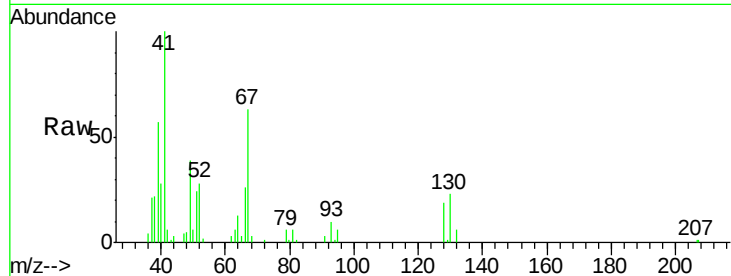
#41
Methacrylonitrile
Concen: 21.02 ug/l
RT: 7.48 min Scan# 967
Delta R.T. -0.01 min
Lab File: VW003979.D
Acq: 17 Jul 2018 12:42

Instrument :
MSVOA_W
ClientSampleId :
VW0717SBS01

Tot Ion	41	Resp	22835
Ion Ratio	Lower	Upper	
41	100		
39	61.8	50.0	75.0
67	66.9	60.8	91.2
52	30.8	26.2	39.4

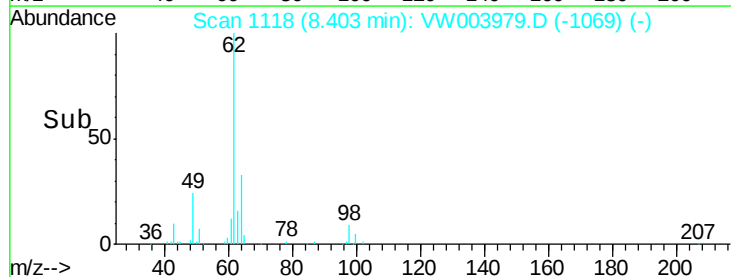
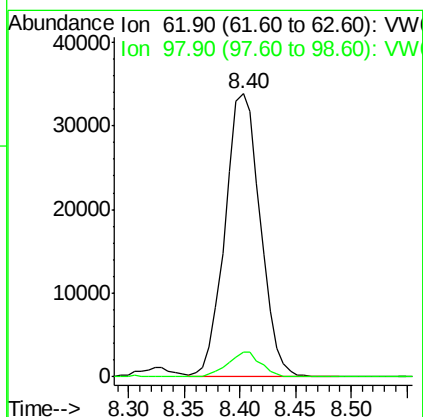
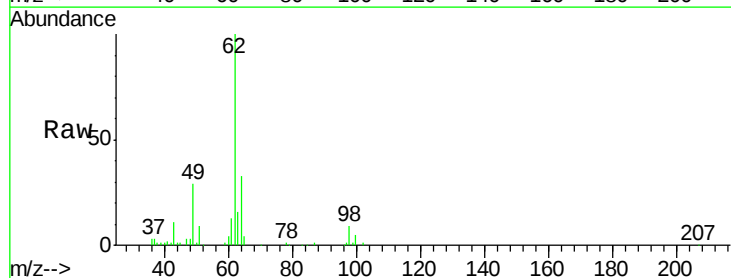
Manual Integrations
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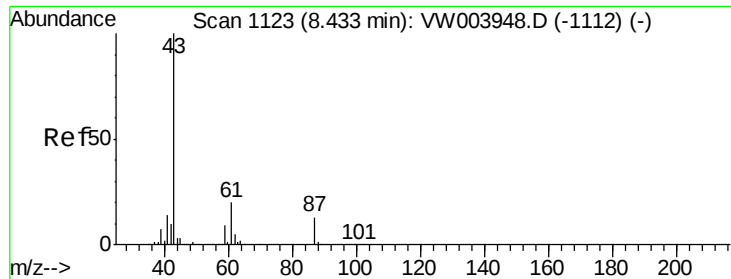
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#42
1,2-Dichloroethane
Concen: 21.62 ug/l
RT: 8.40 min Scan# 1118
Delta R.T. -0.00 min
Lab File: VW003979.D
Acq: 17 Jul 2018 12:42

Tgt Ion	62	Resp	74383
Ion Ratio	Lower	Upper	
62	100		
98	8.1	0.0	17.4





#43

Isopropyl Acetate

Concen: 20.44 ug/l

RT: 8.43 min Scan# 1123

Delta R.T. -0.00 min

Lab File: VW003979.D

Acq: 17 Jul 2018 12:42

Instrument :

MSVOA_W

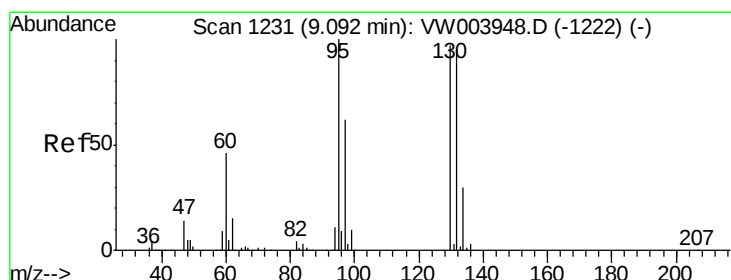
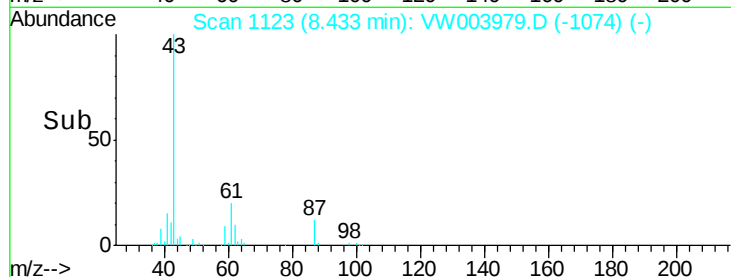
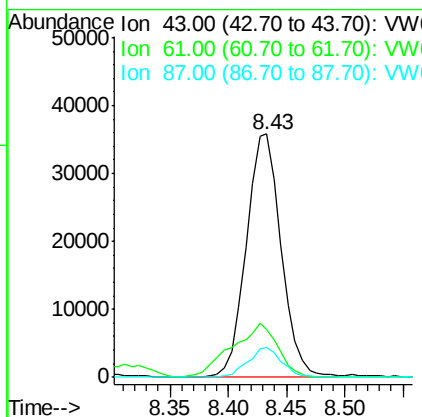
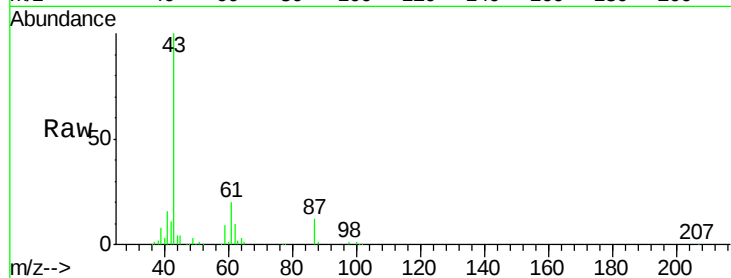
ClientSampleId :

VW0717SBS01

Tot Ion:	43	Resp:	74968
Ion	Ratio	Lower	Upper
43	100		
61	29.1	23.0	34.6
87	11.8	9.9	14.9

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#44

Trichloroethene

Concen: 21.28 ug/l

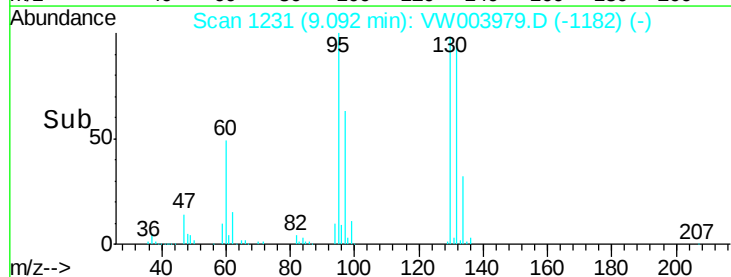
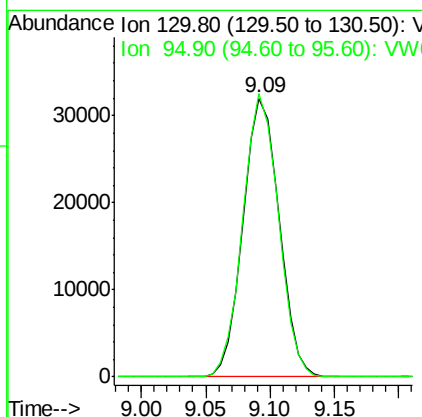
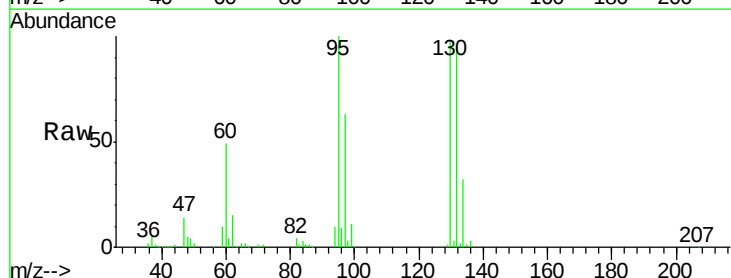
RT: 9.09 min Scan# 1231

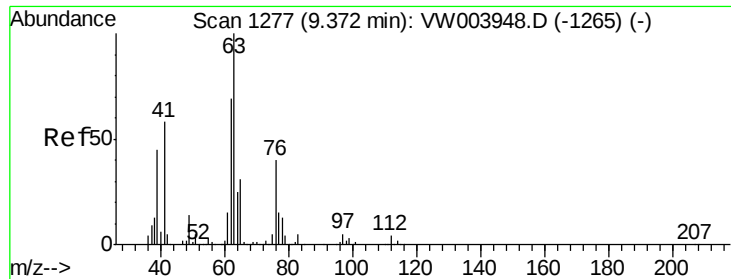
Delta R.T. -0.00 min

Lab File: VW003979.D

Acq: 17 Jul 2018 12:42

Tgt Ion:	130	Resp:	62211
Ion	Ratio	Lower	Upper
130	100		
95	101.5	0.0	206.8





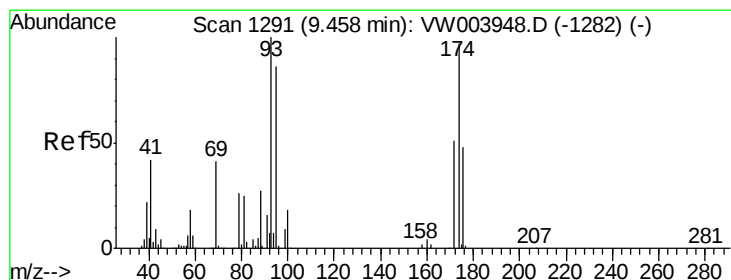
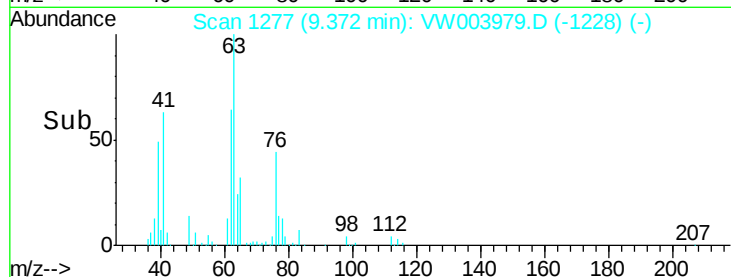
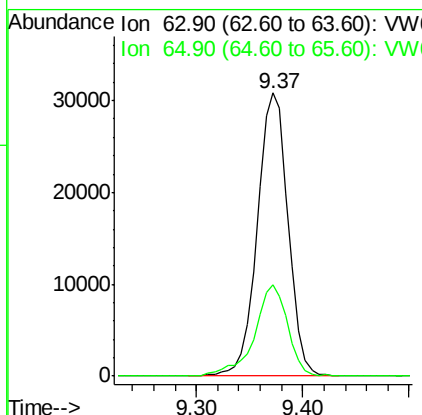
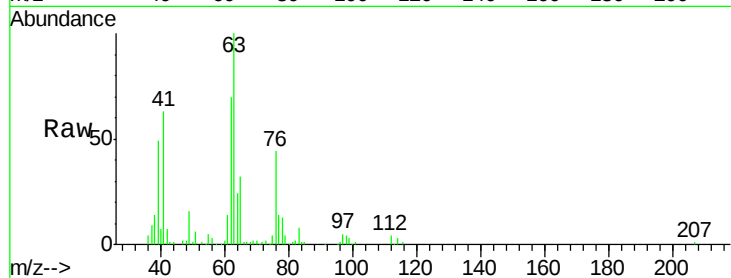
#45
 1,2-Dichloropropane
 Concen: 21.67 ug/l
 RT: 9.37 min Scan# 1277
 Delta R.T. -0.00 min
 Lab File: VW003979.D
 Acq: 17 Jul 2018 12:42

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0717SBSD01

Tot Ion	Ratio	Lower	Upper
63	100		
65	32.5	24.8	37.2

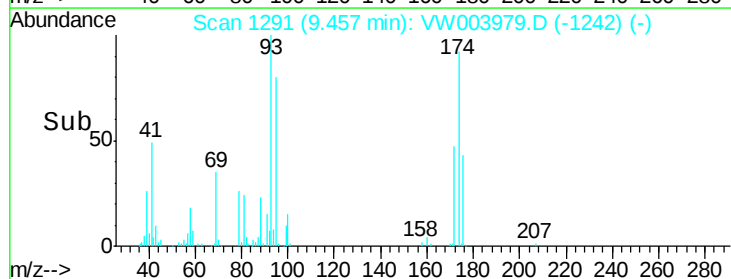
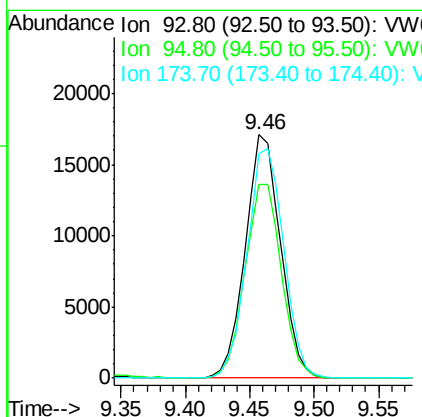
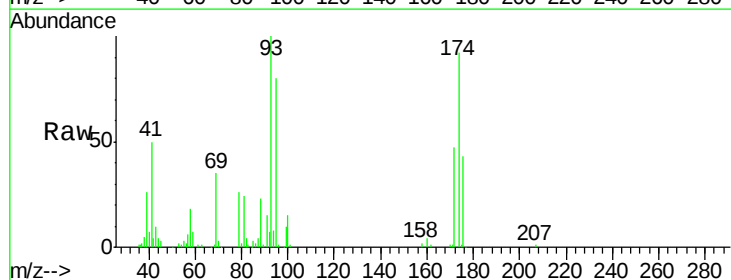
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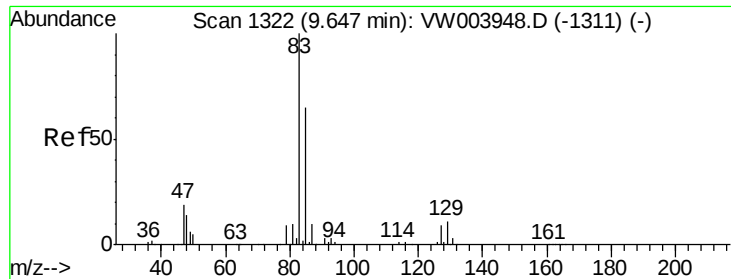
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#46
 Dibromomethane
 Concen: 21.57 ug/l
 RT: 9.46 min Scan# 1291
 Delta R.T. -0.00 min
 Lab File: VW003979.D
 Acq: 17 Jul 2018 12:42

Tgt Ion	Ratio	Lower	Upper
93	100		
95	82.6	66.9	100.3
174	98.6	80.2	120.2





#47

Bromodichloromethane

Concen: 21.29 ug/l

RT: 9.65 min Scan# 1322

Delta R.T. -0.00 min

Lab File: VW003979.D

Acq: 17 Jul 2018 12:42

Instrument :

MSVOA_W

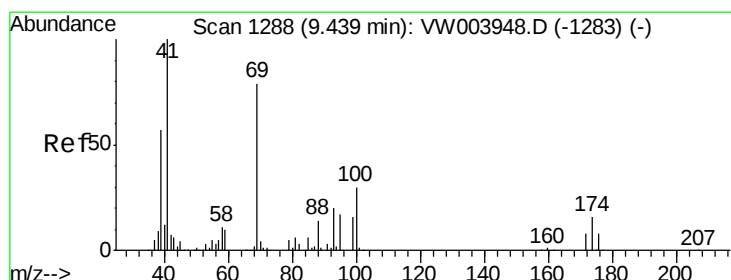
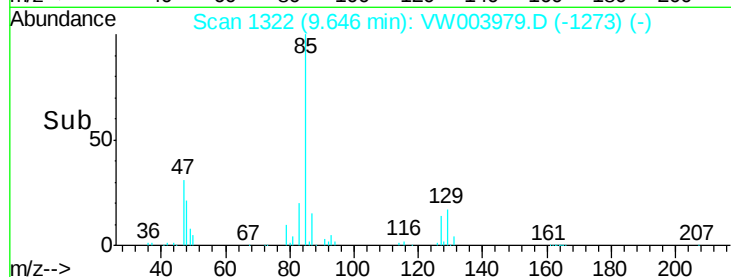
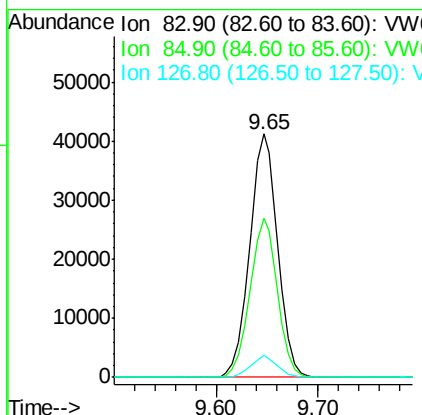
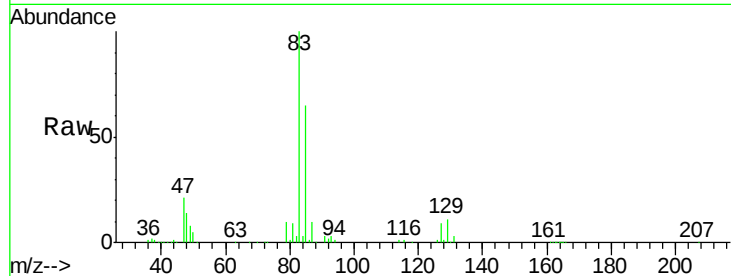
ClientSampleId :

VW0717SBS01

Tot Ion:	83	Resp:	78417
Ion	Ratio	Lower	Upper
83	100		
85	65.3	52.2	78.2
127	8.9	7.0	10.4

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#48

Methyl methacrylate

Concen: 20.17 ug/l

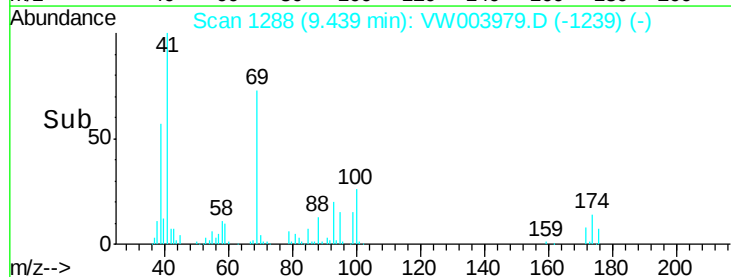
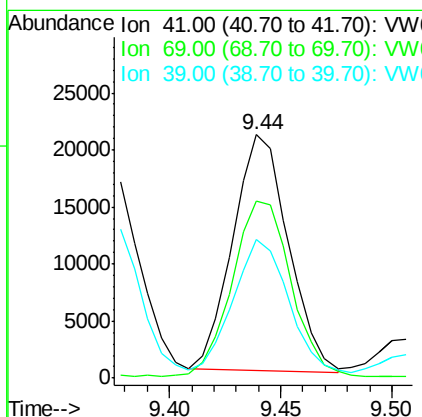
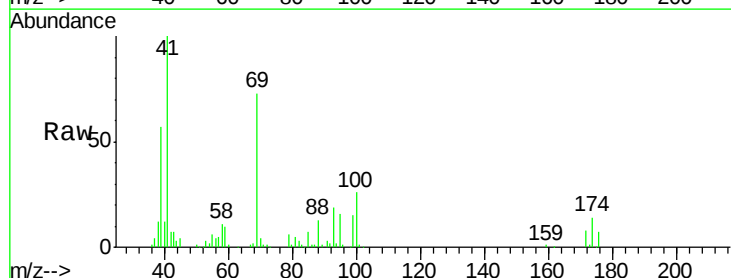
RT: 9.44 min Scan# 1288

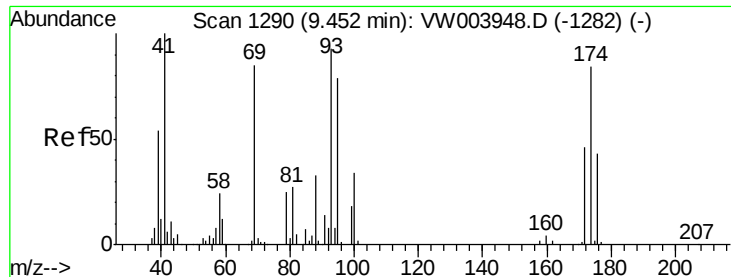
Delta R.T. -0.00 min

Lab File: VW003979.D

Acq: 17 Jul 2018 12:42

Tgt Ion:	41	Resp:	35783
Ion	Ratio	Lower	Upper
41	100		
69	82.2	67.0	100.6
39	61.5	48.8	73.2





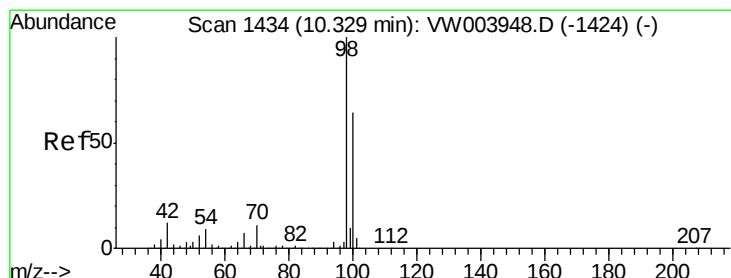
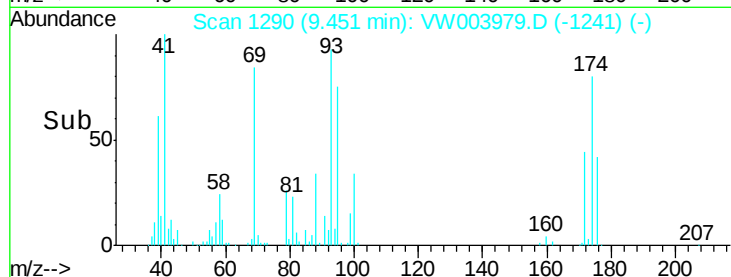
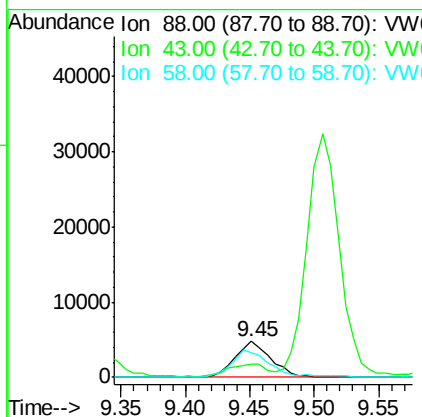
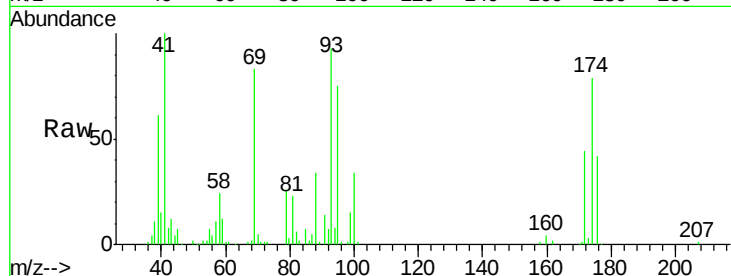
#49
1,4-Dioxane
Concen: 403.84 ug/l
RT: 9.45 min Scan# 1290
Delta R.T. -0.00 min
Lab File: VW003979.D
Acq: 17 Jul 2018 12:42

Instrument :
MSVOA_W
ClientSampleId :
VW0717SBSD01

Tot Ion	88	Resp	9273
Ion	Ratio	Lower	Upper
88	100		
43	37.6	27.3	40.9
58	84.5	61.1	91.7

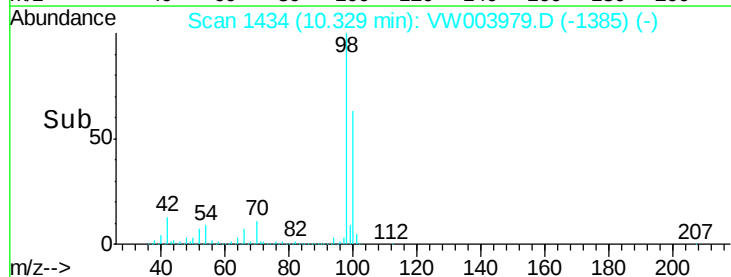
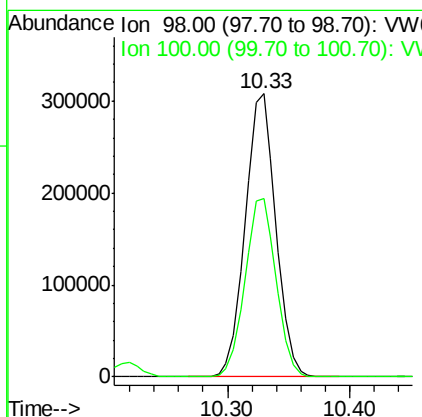
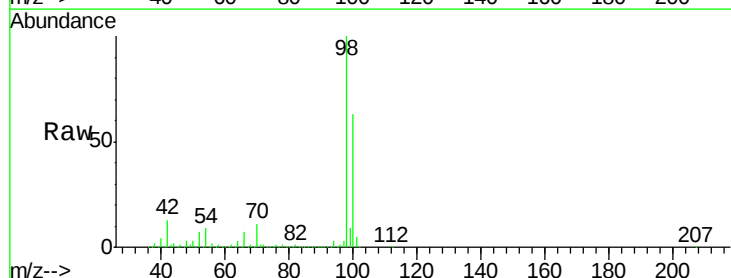
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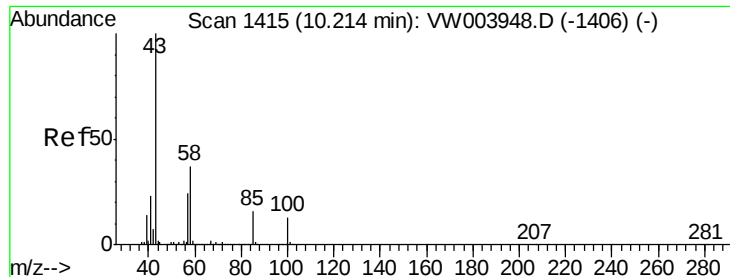
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#50
Toluene-d8
Concen: 54.41 ug/l
RT: 10.33 min Scan# 1434
Delta R.T. -0.00 min
Lab File: VW003979.D
Acq: 17 Jul 2018 12:42

Tgt Ion	98	Resp	535266
Ion	Ratio	Lower	Upper
98	100		
100	64.1	51.2	76.8





#51

4-Methyl-2-Pentanone

Concen: 102.00 ug/l

RT: 10.21 min Scan# 1415

Delta R.T. -0.00 min

Lab File: VW003979.D

Acq: 17 Jul 2018 12:42

Instrument :

MSVOA_W

ClientSampleID :

VW0717SBS01

Tot Ion: 43 Resp: 199307

Ion Ratio Lower Upper

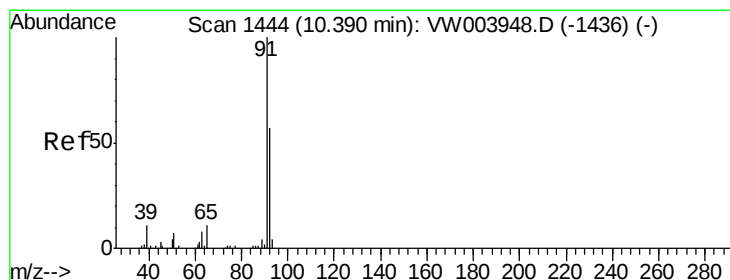
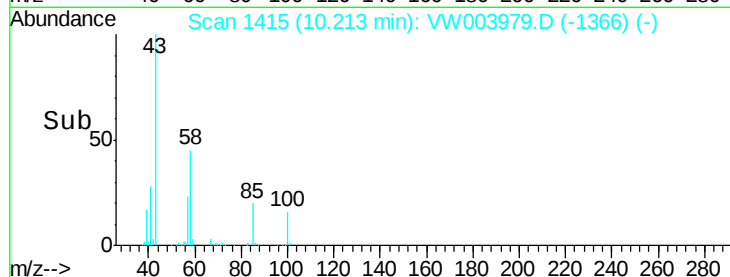
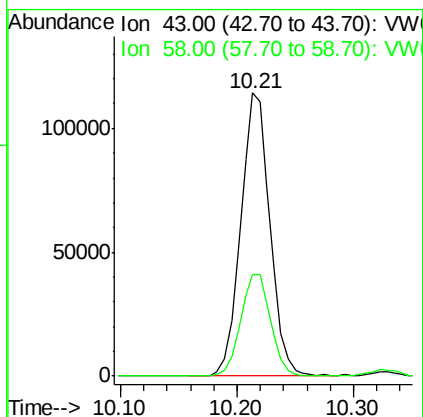
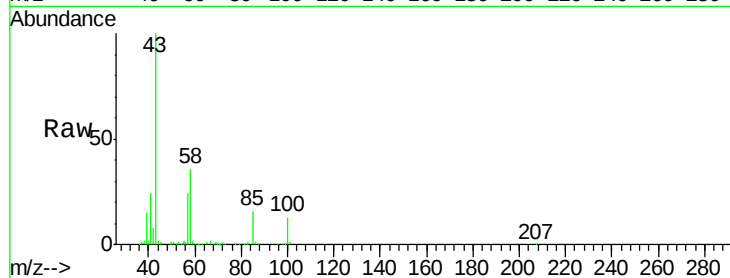
43 100

58 36.9 29.9 44.9

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#52

Toluene

Concen: 21.91 ug/l

RT: 10.39 min Scan# 1444

Delta R.T. -0.00 min

Lab File: VW003979.D

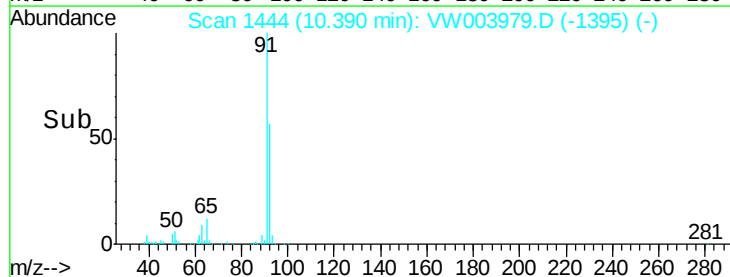
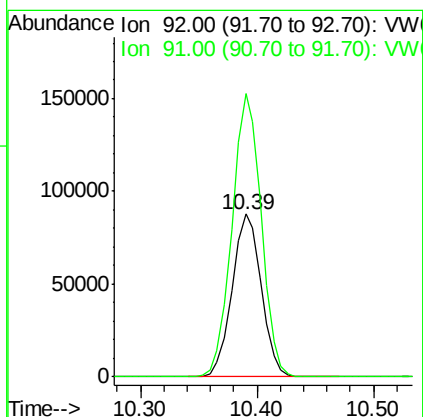
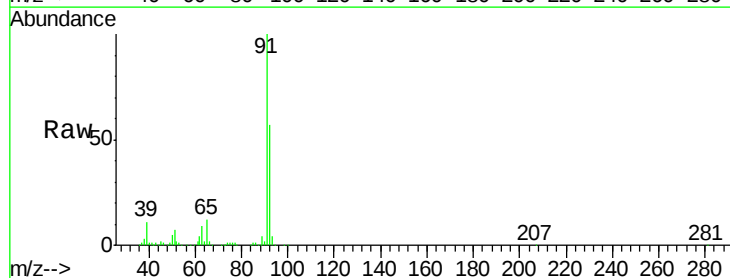
Acq: 17 Jul 2018 12:42

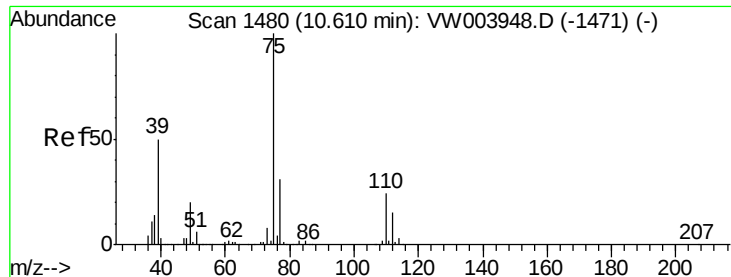
Tgt Ion: 92 Resp: 152850

Ion Ratio Lower Upper

92 100

91 174.0 139.6 209.4





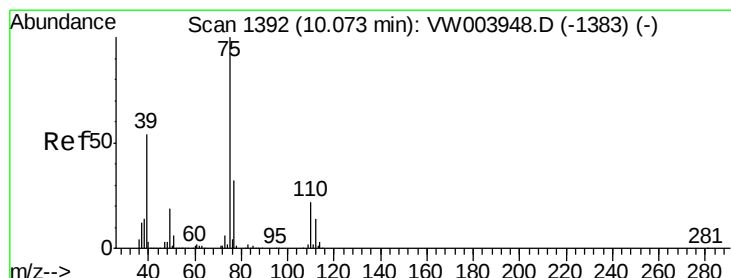
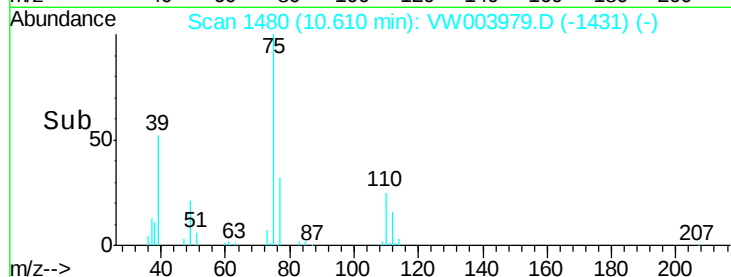
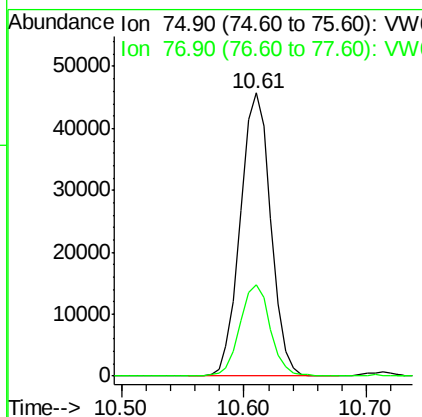
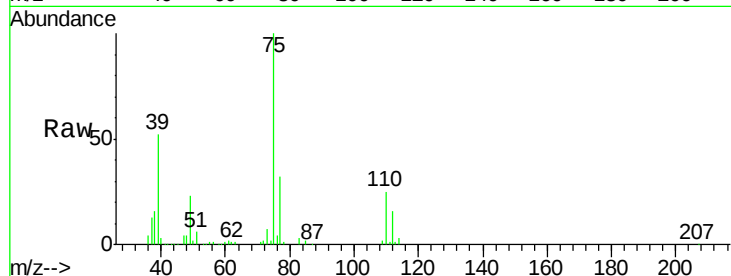
#53
t-1,3-Dichloropropene
Concen: 20.52 ug/l
RT: 10.61 min Scan# 1480
Delta R.T. -0.00 min
Lab File: VW003979.D
Acq: 17 Jul 2018 12:42

Instrument :
MSVOA_W
ClientSampleId :
VW0717SBSD01

Tot Ion: 75 Resp: 79020
Ion Ratio Lower Upper
75 100
77 31.9 25.2 37.8

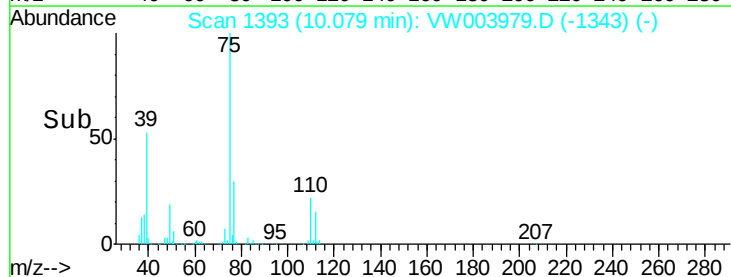
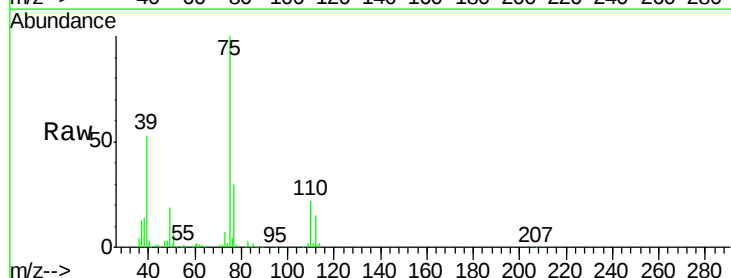
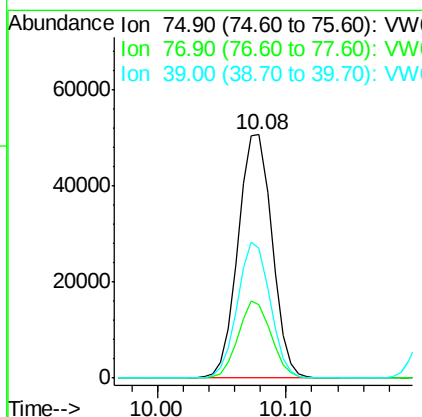
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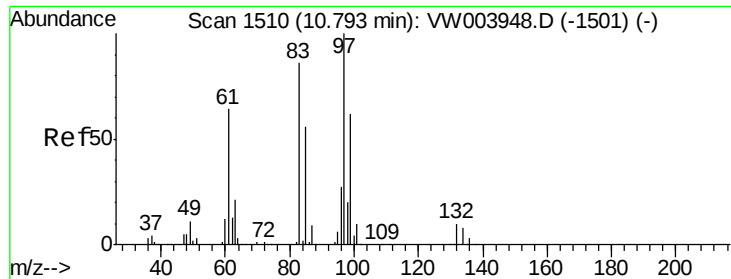
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#54
cis-1,3-Dichloropropene
Concen: 21.04 ug/l
RT: 10.08 min Scan# 1393
Delta R.T. 0.01 min
Lab File: VW003979.D
Acq: 17 Jul 2018 12:42

Tgt Ion: 75 Resp: 92691
Ion Ratio Lower Upper
75 100
77 30.2 25.4 38.2
39 53.2 43.0 64.6





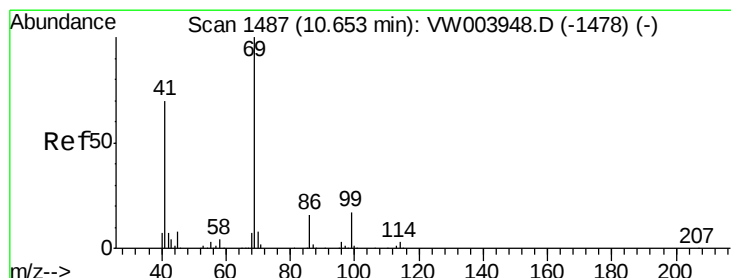
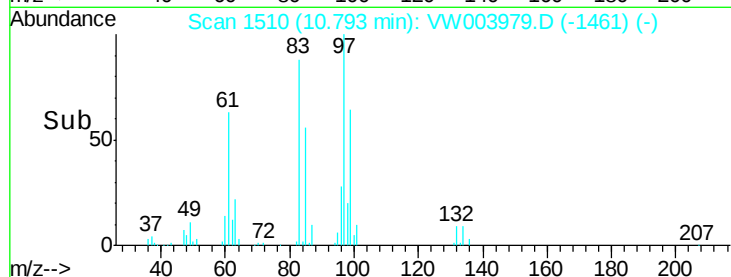
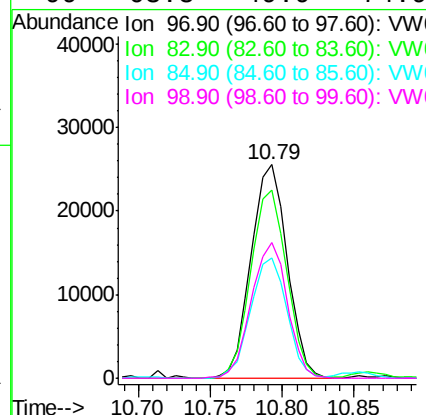
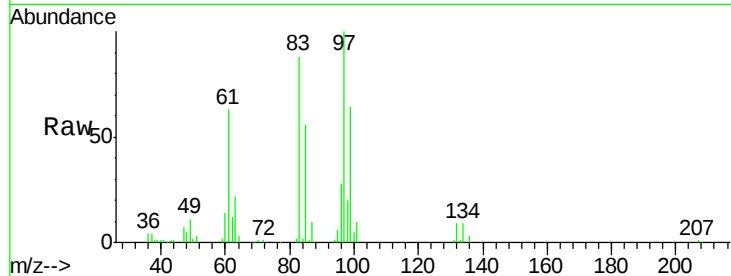
#55
 1,1,2-Trichloroethane
 Concen: 21.20 ug/l
 RT: 10.79 min Scan# 1510
 Delta R.T. -0.00 min
 Lab File: VW003979.D
 Acq: 17 Jul 2018 12:42

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0717SBSD01

Tot Ion	Ratio	Lower	Upper
97	100		
83	88.4	69.0	103.4
85	56.2	45.0	67.6
99	63.8	49.9	74.9

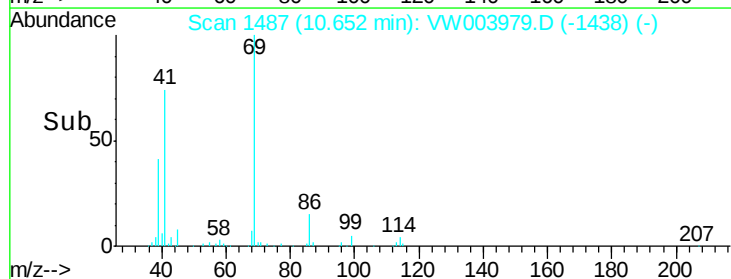
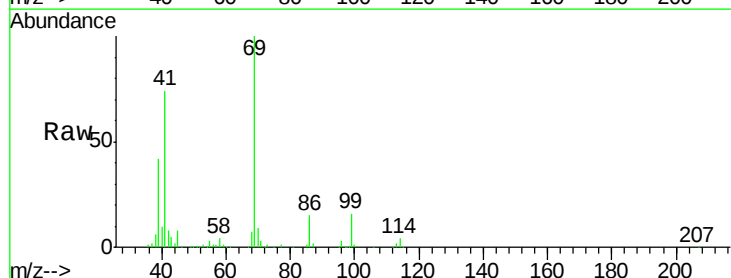
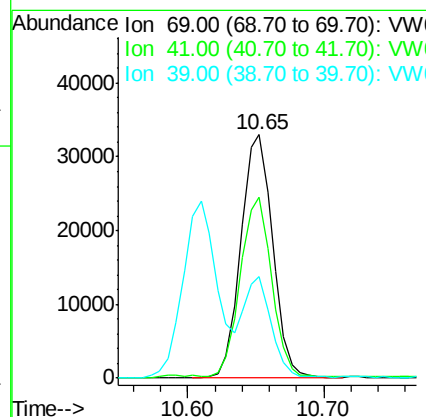
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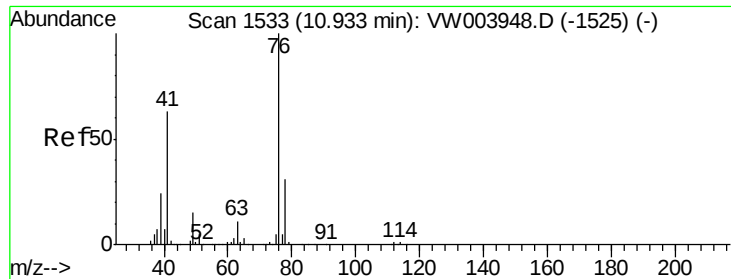
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#56
 Ethyl methacrylate
 Concen: 19.84 ug/l
 RT: 10.65 min Scan# 1487
 Delta R.T. 0.00 min
 Lab File: VW003979.D
 Acq: 17 Jul 2018 12:42

Tgt Ion	Ratio	Lower	Upper
69	100		
41	72.2	56.5	84.7
39	35.7	30.2	45.4





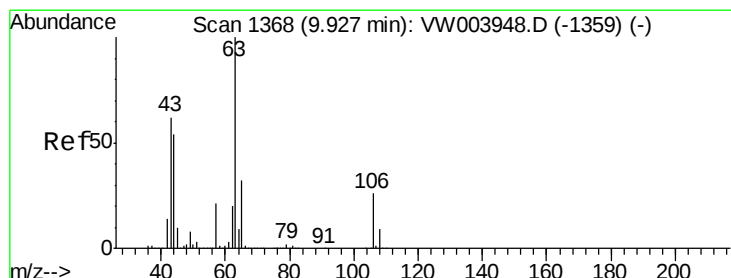
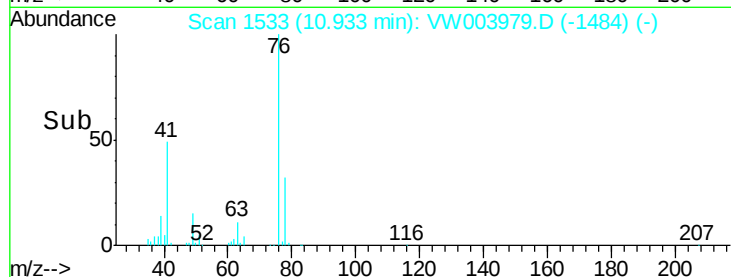
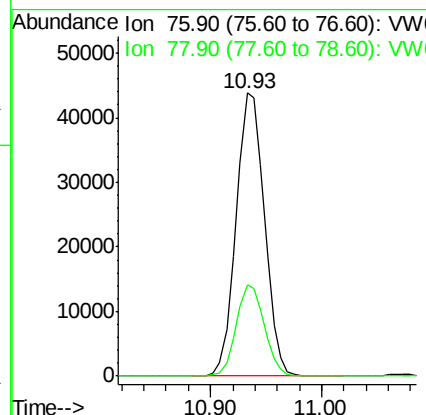
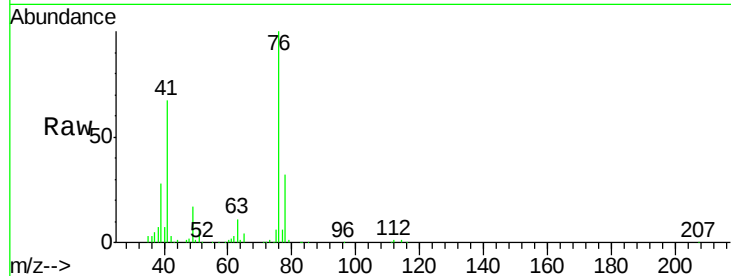
#57
 1,3-Dichloropropane
 Concen: 21.16 ug/l
 RT: 10.93 min Scan# 1533
 Delta R.T. -0.00 min
 Lab File: VW003979.D
 Acq: 17 Jul 2018 12:42

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0717SBSD01

Tot Ion: 76 Resp: 77227
 Ion Ratio Lower Upper
 76 100
 78 32.0 25.2 37.8

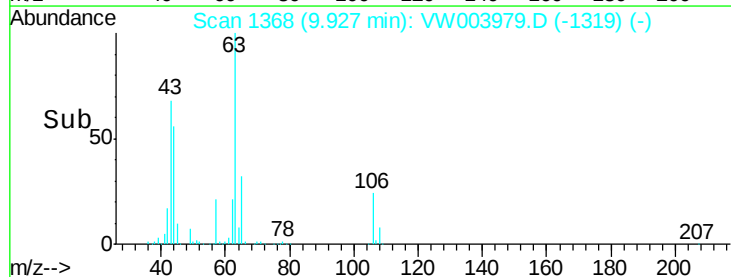
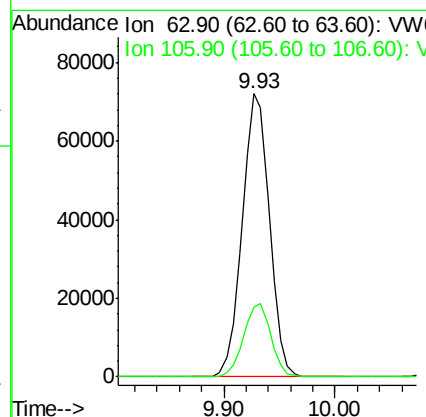
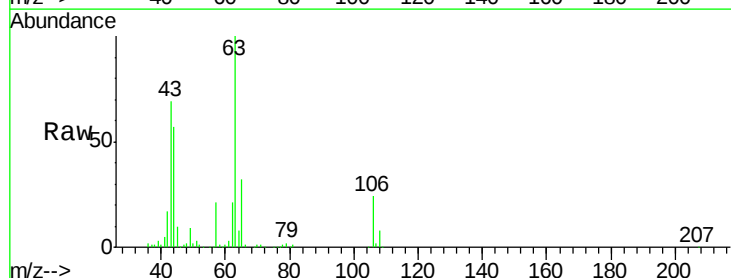
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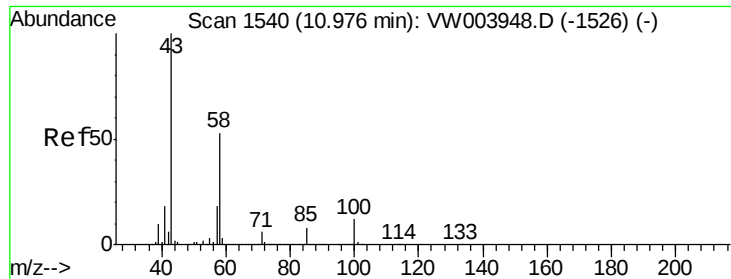
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#58
 2-Chloroethyl Vinyl ether
 Concen: 97.54 ug/l
 RT: 9.93 min Scan# 1368
 Delta R.T. -0.00 min
 Lab File: VW003979.D
 Acq: 17 Jul 2018 12:42

Tgt Ion: 63 Resp: 121573
 Ion Ratio Lower Upper
 63 100
 106 26.0 21.2 31.8





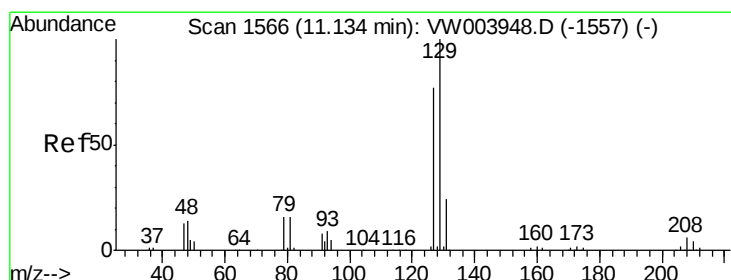
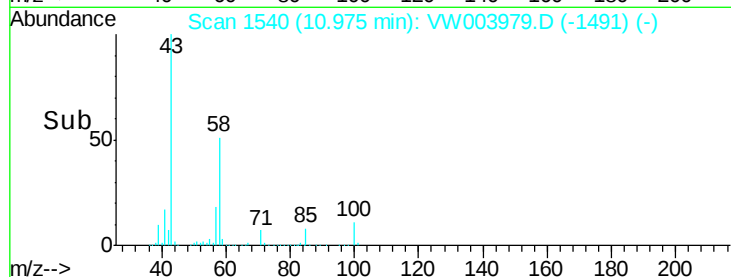
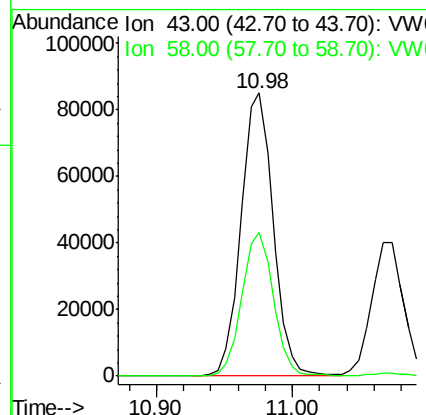
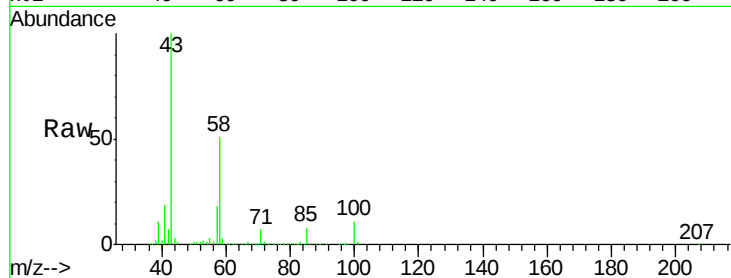
#59
2-Hexanone
Concen: 102.18 ug/l
RT: 10.98 min Scan# 1540
Delta R.T. -0.00 min
Lab File: VW003979.D
Acq: 17 Jul 2018 12:42

Instrument :
MSVOA_W
ClientSampleId :
VW0717SBSD01

Tot Ion: 43 Resp: 140723
Ion Ratio Lower Upper
43 100
58 50.1 26.0 78.0

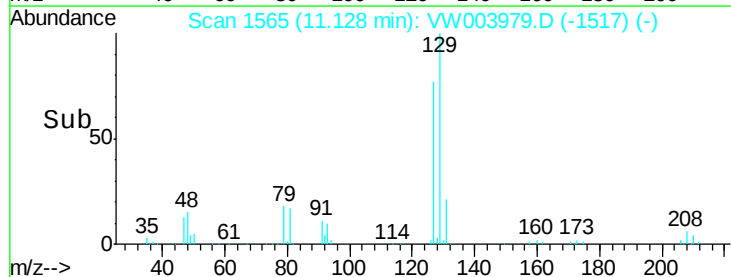
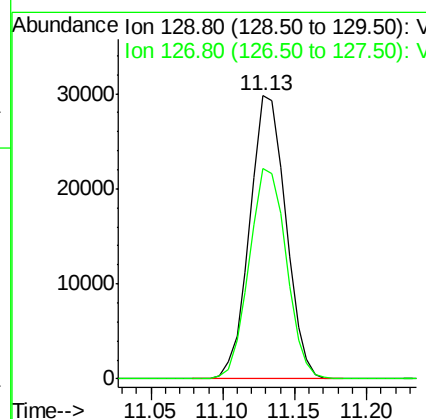
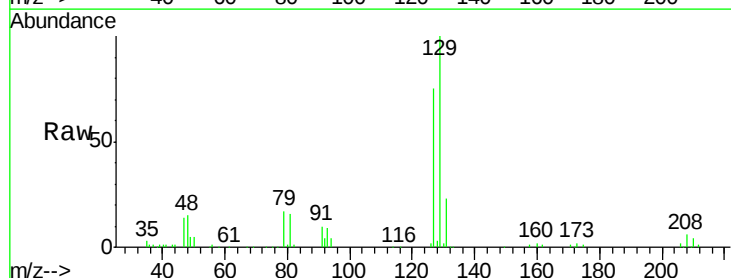
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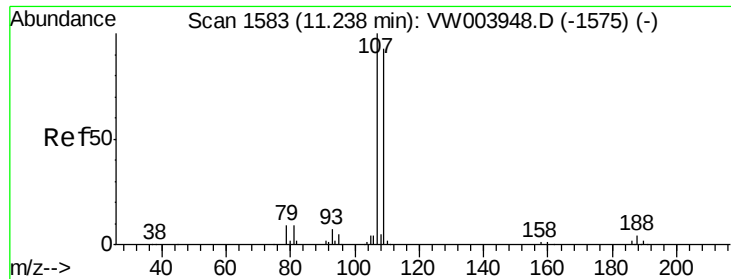
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#60
Dibromochloromethane
Concen: 21.11 ug/l
RT: 11.13 min Scan# 1565
Delta R.T. -0.01 min
Lab File: VW003979.D
Acq: 17 Jul 2018 12:42

Tgt Ion: 129 Resp: 51649
Ion Ratio Lower Upper
129 100
127 76.4 39.1 117.3





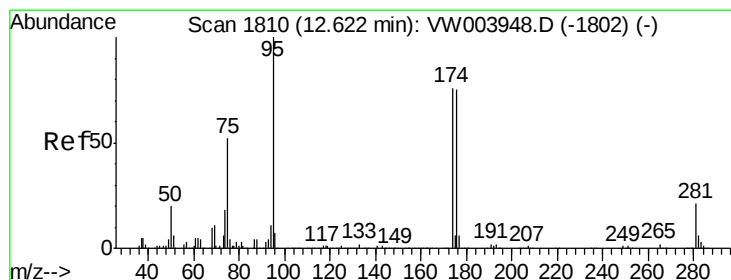
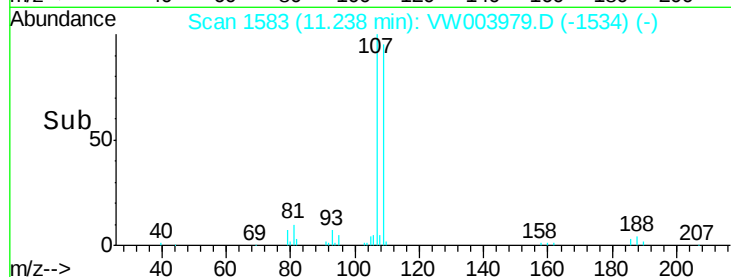
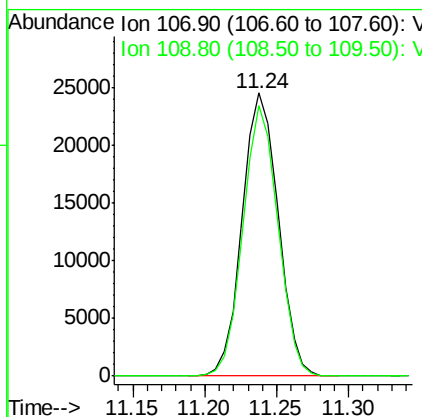
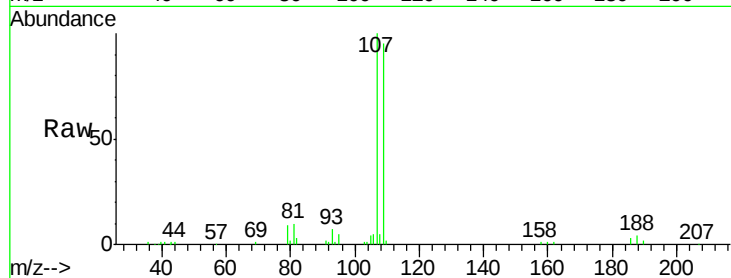
#61
 1,2-Dibromoethane
 Concen: 21.23 ug/l
 RT: 11.24 min Scan# 1583
 Delta R.T. -0.00 min
 Lab File: VW003979.D
 Acq: 17 Jul 2018 12:42

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0717SBSD01

Tot Ion: 107 Resp: 42439
 Ion Ratio Lower Upper
 107 100
 109 92.8 74.3 111.5

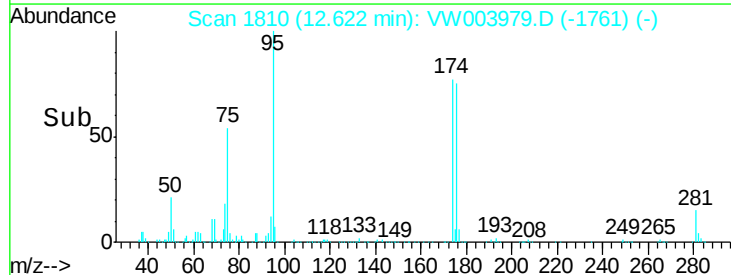
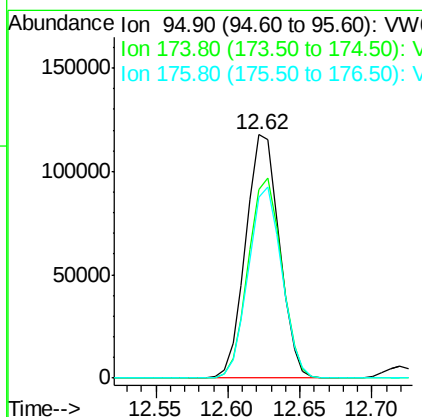
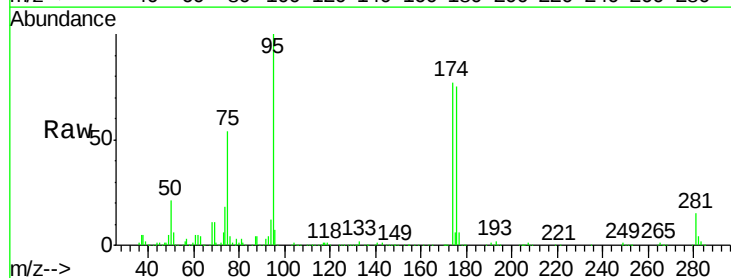
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#62
 4-Bromofluorobenzene
 Concen: 53.61 ug/l
 RT: 12.62 min Scan# 1810
 Delta R.T. -0.00 min
 Lab File: VW003979.D
 Acq: 17 Jul 2018 12:42

Tgt Ion: 95 Resp: 190181
 Ion Ratio Lower Upper
 95 100
 174 81.5 0.0 160.2
 176 78.1 0.0 155.8





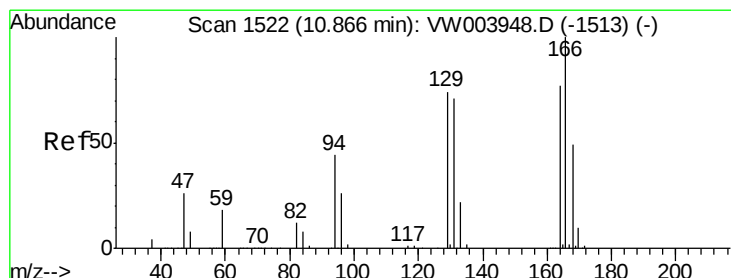
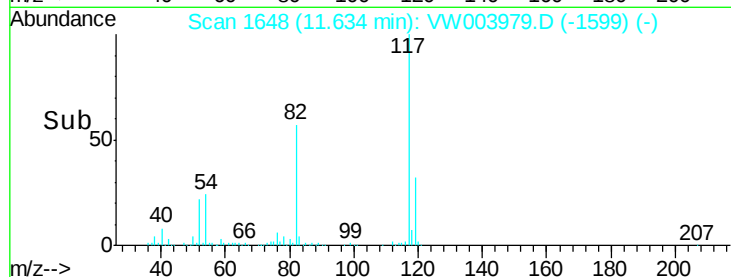
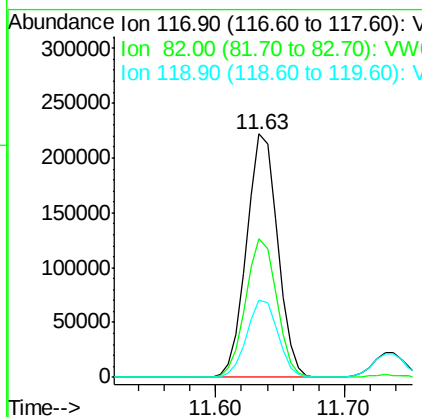
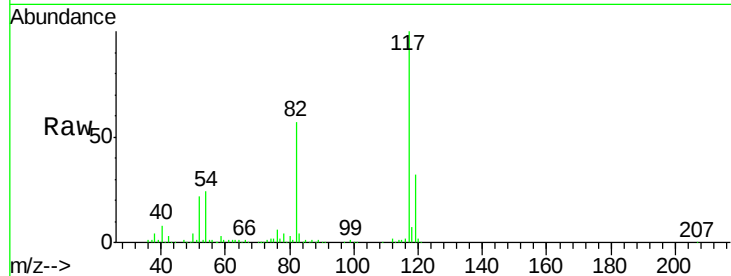
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.63 min Scan# 1648
Delta R.T. -0.00 min
Lab File: VW003979.D
Acq: 17 Jul 2018 12:42

Instrument :
MSVOA_W
ClientSampleId :
VW0717SBSD01

Tot Ion	Ratio	Resp	Lower	Upper
117	100	368628		
82	57.1	46.5	69.7	
119	31.8	26.2	39.2	

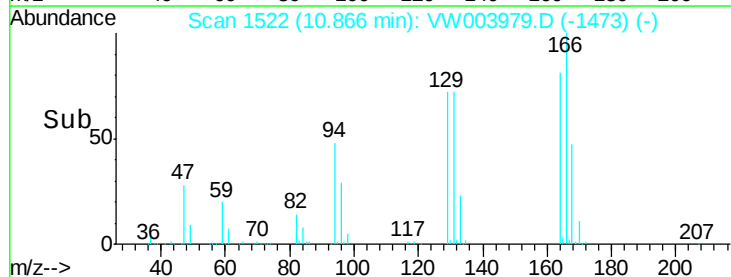
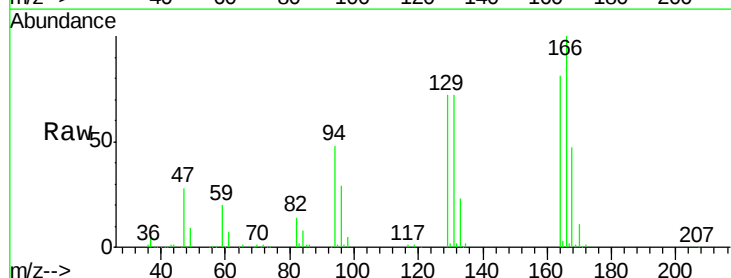
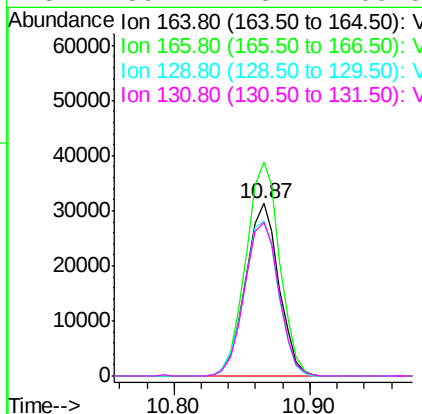
Manual Integrations
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#64
Tetrachloroethene
Concen: 21.33 ug/l
RT: 10.87 min Scan# 1522
Delta R.T. -0.00 min
Lab File: VW003979.D
Acq: 17 Jul 2018 12:42

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	53946		
166	123.9	103.5	155.3	
129	89.5	76.8	115.2	
131	89.4	73.2	109.8	





#65

Chlorobenzene

Concen: 21.18 ug/l

RT: 11.66 min Scan# 1653

Delta R.T. 0.01 min

Lab File: VW003979.D

Acq: 17 Jul 2018 12:42

Instrument :

MSVOA_W

ClientSampleId :

VW0717SBSD01

Tot Ion:112 Resp: 166048

Ion Ratio Lower Upper

112 100

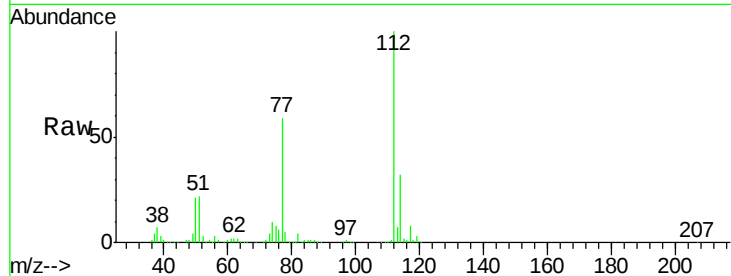
114 31.7 25.2 37.8

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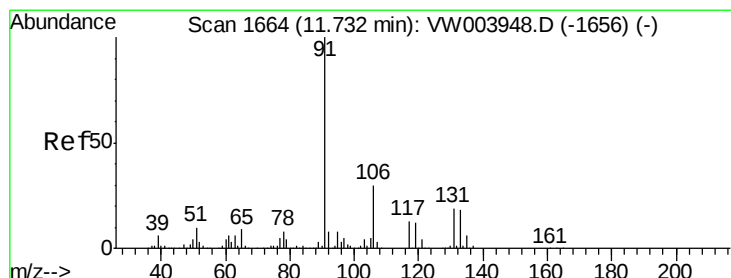
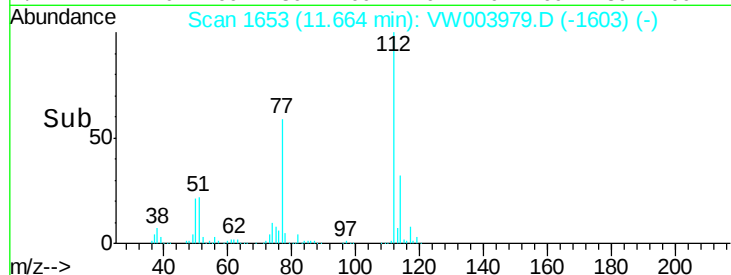
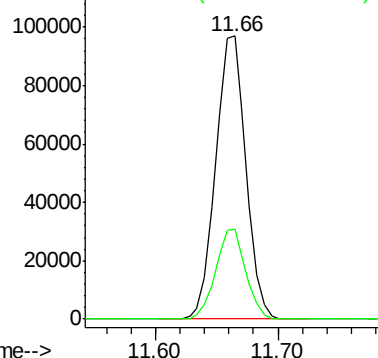
apatel

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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: 20.74 ug/l

RT: 11.74 min Scan# 1665

Delta R.T. 0.01 min

Lab File: VW003979.D

Acq: 17 Jul 2018 12:42

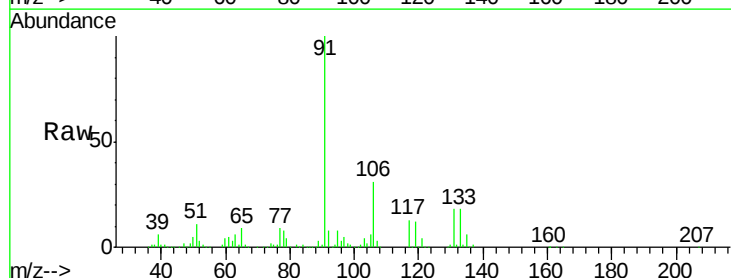
Tgt Ion:131 Resp: 56488

Ion Ratio Lower Upper

131 100

133 95.8 47.9 143.8

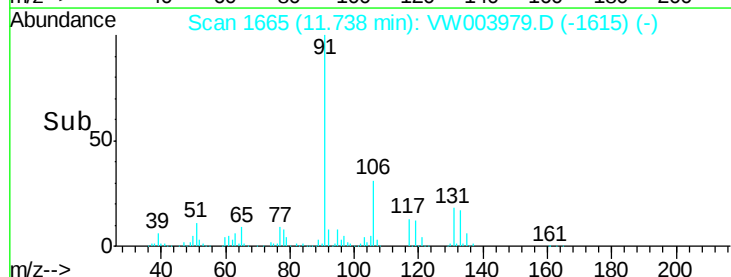
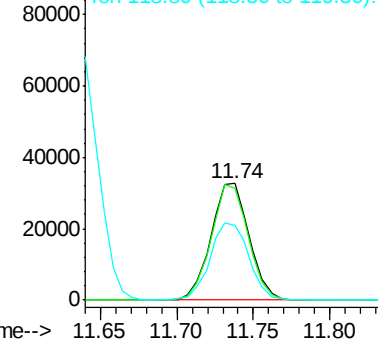
119 67.0 32.5 97.5

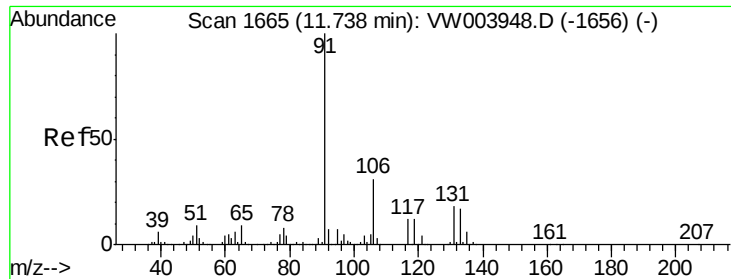


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V





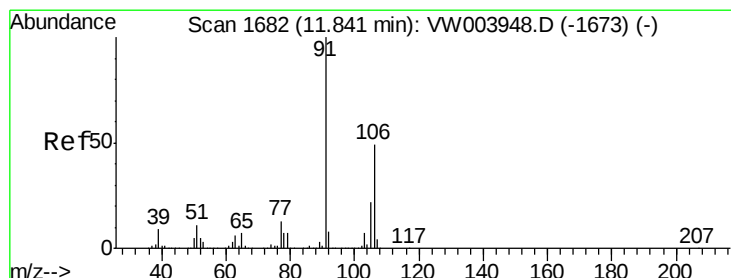
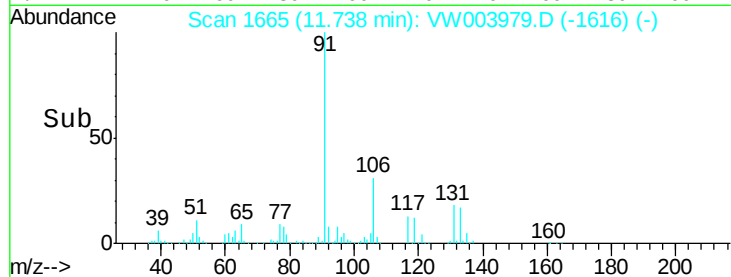
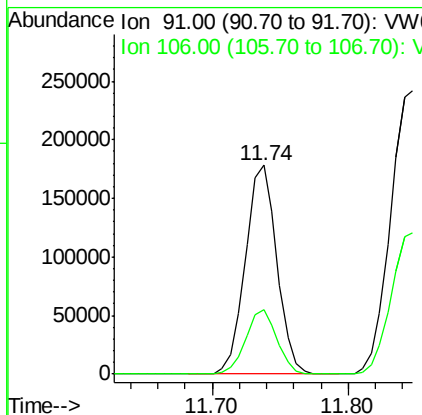
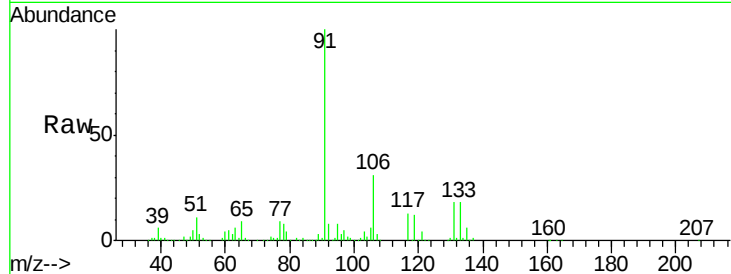
#67
Ethyl Benzene
Concen: 20.96 ug/l
RT: 11.74 min Scan# 1665
Delta R.T. -0.00 min
Lab File: VW003979.D
Acq: 17 Jul 2018 12:42

Instrument :
MSVOA_W
ClientSampleId :
VW0717SBS01

Tot Ion: 91 Resp: 288660
Ion Ratio Lower Upper
91 100
106 31.0 25.0 37.4

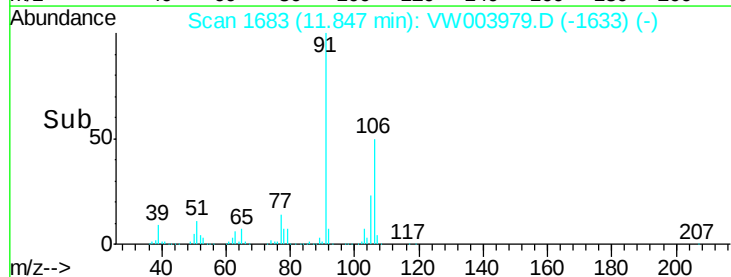
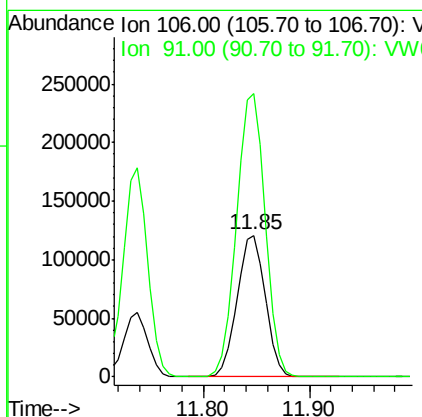
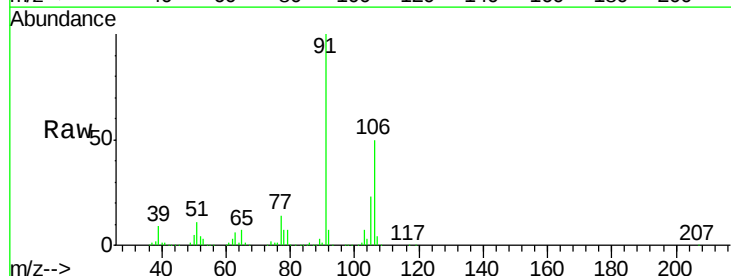
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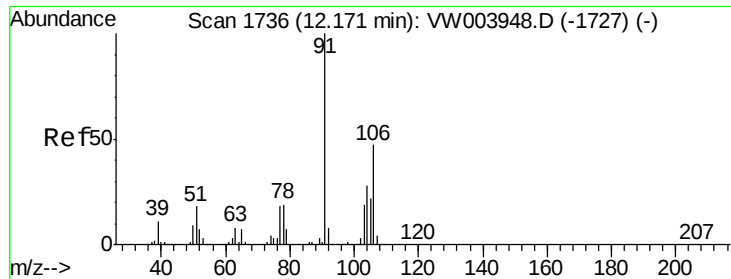
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#68
m/p-Xylenes
Concen: 42.66 ug/l
RT: 11.85 min Scan# 1683
Delta R.T. 0.01 min
Lab File: VW003979.D
Acq: 17 Jul 2018 12:42

Tgt Ion: 106 Resp: 224512
Ion Ratio Lower Upper
106 100
91 203.4 164.2 246.2





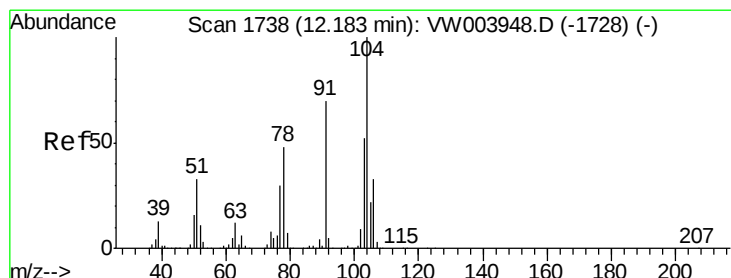
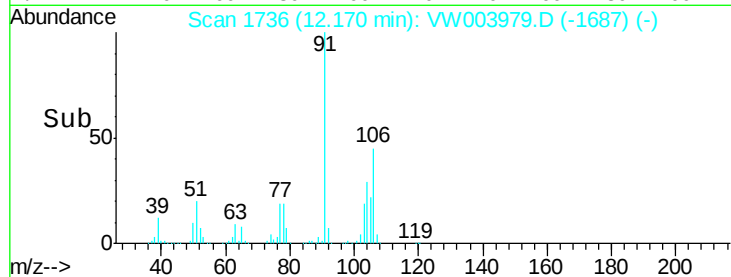
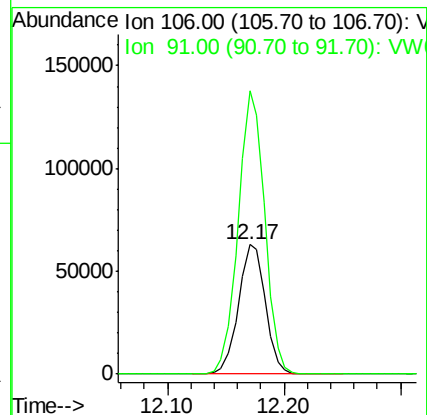
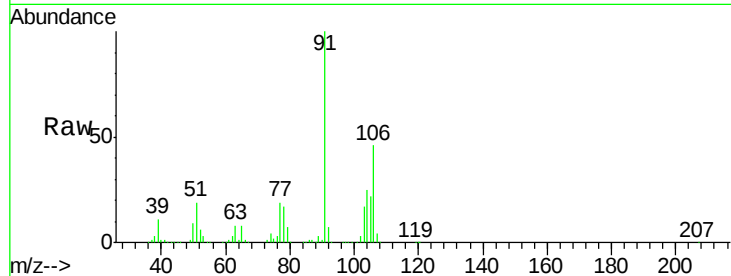
#69
o-Xylene
Concen: 20.71 ug/l
RT: 12.17 min Scan# 1736
Delta R.T. -0.00 min
Lab File: VW003979.D
Acq: 17 Jul 2018 12:42

Instrument :
MSVOA_W
ClientSampleId :
VW0717SBSD01

Tot Ion	Ion	Ratio	Resp	Lower	Upper
106	106	100	101112		
91	91	216.4	107.5	322.6	

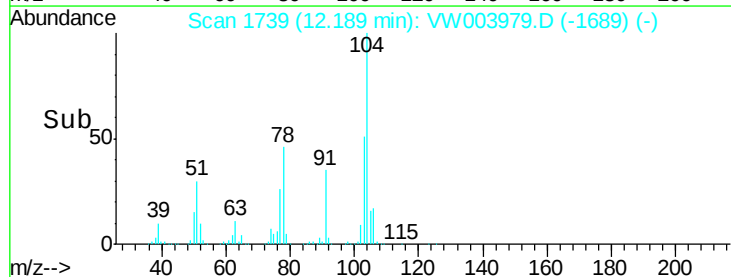
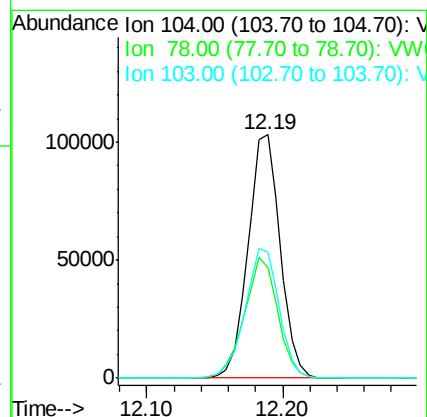
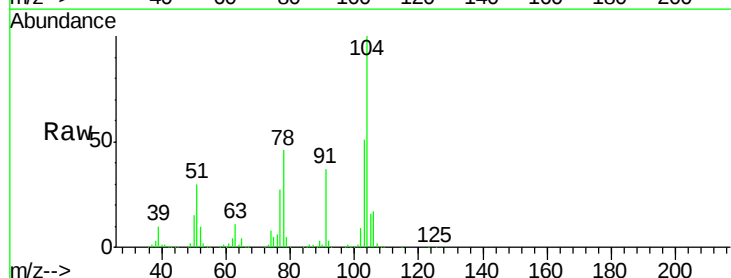
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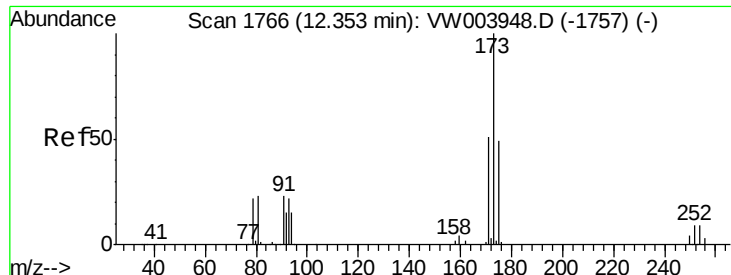
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#70
Styrene
Concen: 20.94 ug/l
RT: 12.19 min Scan# 1739
Delta R.T. 0.01 min
Lab File: VW003979.D
Acq: 17 Jul 2018 12:42

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
104	104	100	170786		
78	78	51.7	41.0	61.4	
103	103	56.3	44.6	67.0	





#71

Bromoform

Concen: 19.91 ug/l

RT: 12.35 min Scan# 1766

Delta R.T. -0.00 min

Lab File: VW003979.D

Acq: 17 Jul 2018 12:42

Instrument :

MSVOA_W

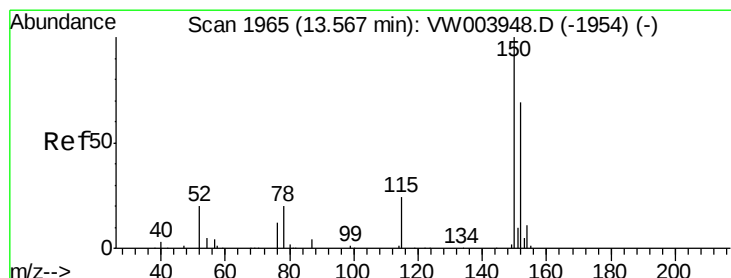
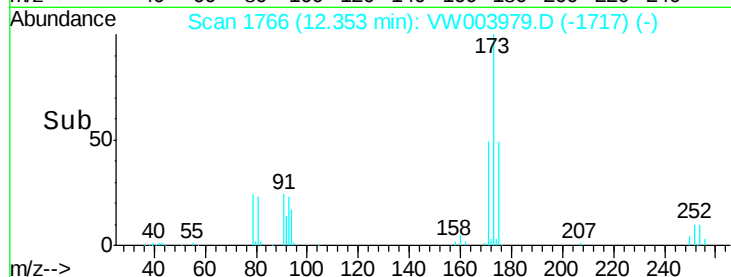
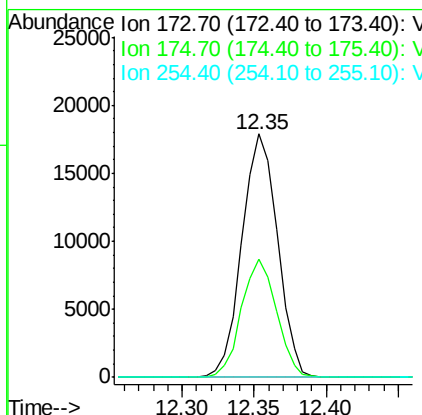
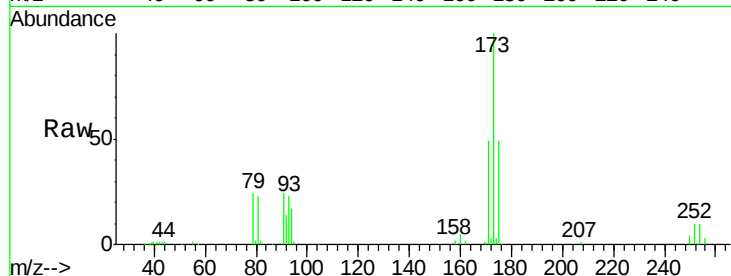
ClientSampleId :

VW0717SBS01

Tot Ion	Ratio	Lower	Upper
173	100		
175	47.9	24.4	73.2
254	0.0	0.1	0.1#

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#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

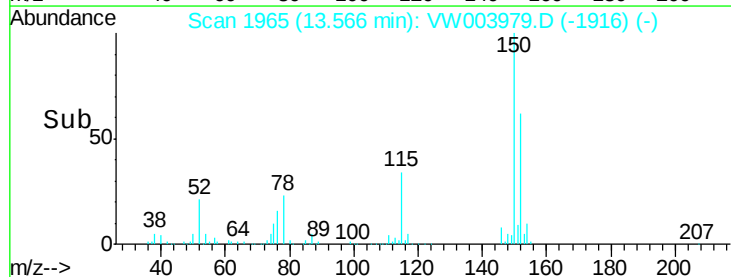
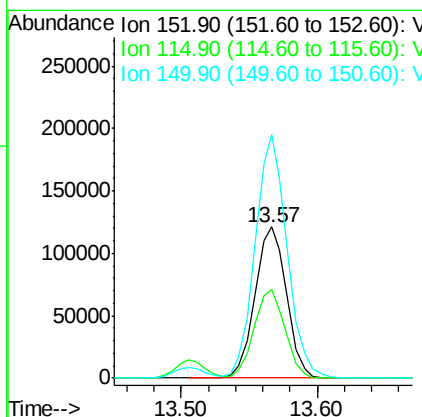
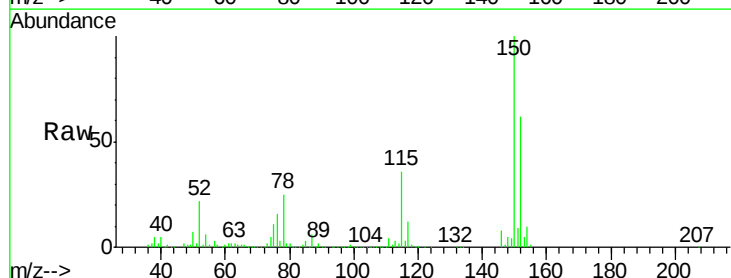
RT: 13.57 min Scan# 1965

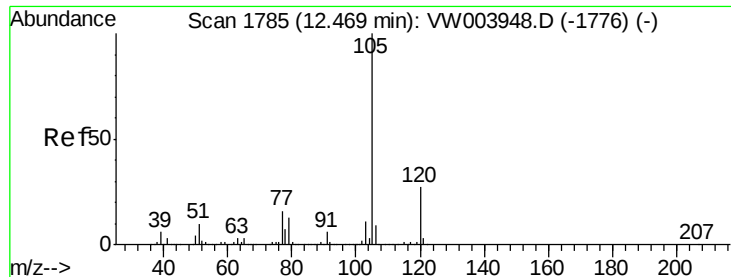
Delta R.T. -0.00 min

Lab File: VW003979.D

Acq: 17 Jul 2018 12:42

Tgt Ion	Ratio	Lower	Upper
152	100		
115	58.3	29.2	87.6
150	163.5	0.0	345.2





#73

Isopropylbenzene

Concen: 20.40 ug/l

RT: 12.47 min Scan# 1785

Delta R.T. -0.00 min

Lab File: VW003979.D

Acq: 17 Jul 2018 12:42

Instrument :

MSVOA_W

ClientSampleId :

VW0717SBS01

Tot Ion: 105 Resp: 282215

Ion Ratio Lower Upper

105 100

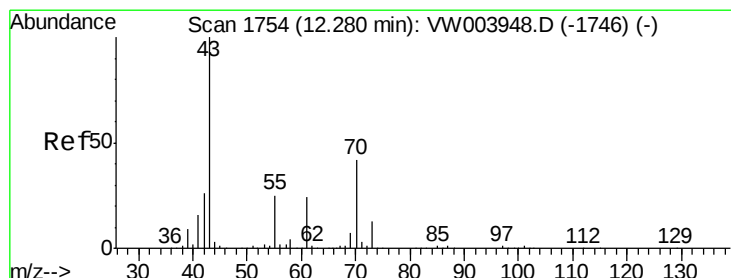
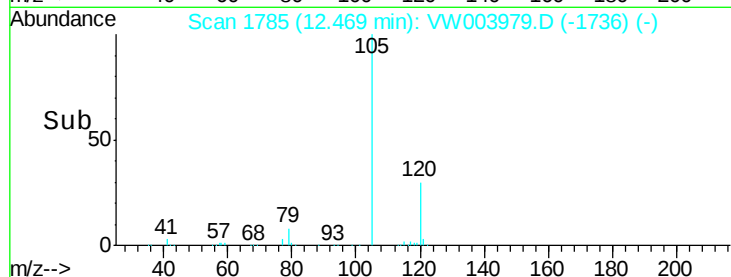
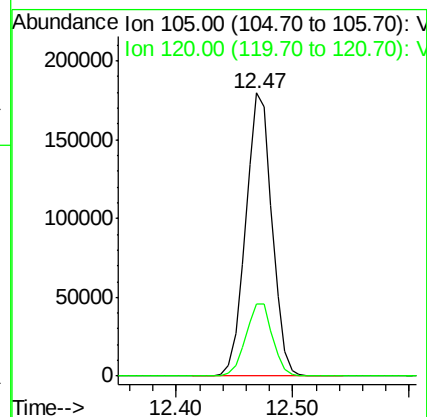
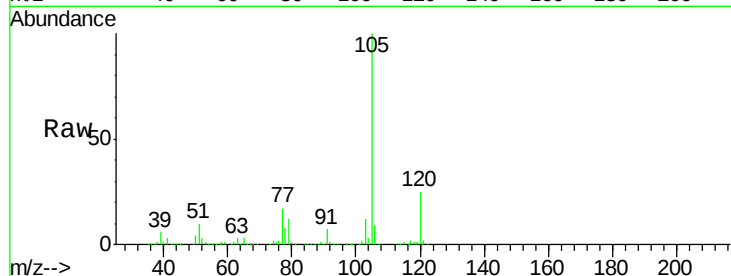
120 26.0 13.2 39.6

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#74

N-ethyl acetate

Concen: 19.76 ug/l

RT: 12.28 min Scan# 1754

Delta R.T. -0.00 min

Lab File: VW003979.D

Acq: 17 Jul 2018 12:42

Tgt Ion: 43 Resp: 71218

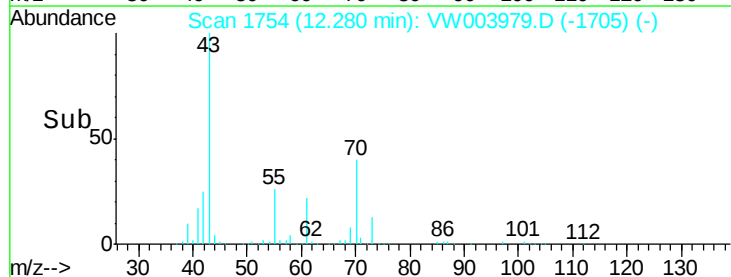
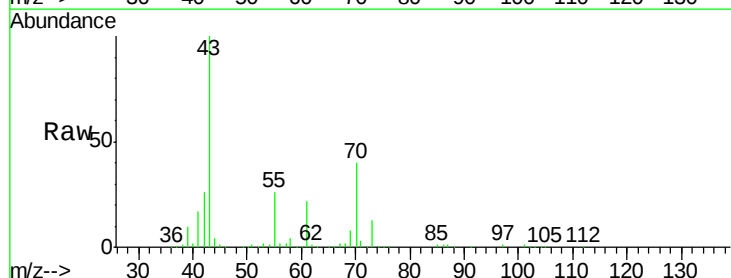
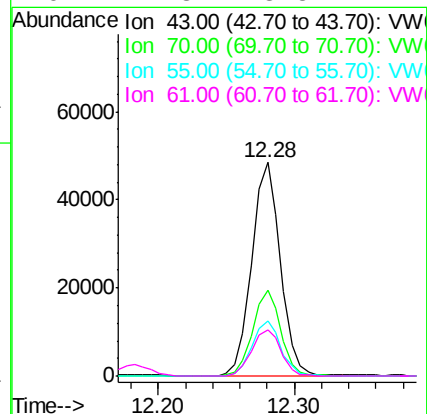
Ion Ratio Lower Upper

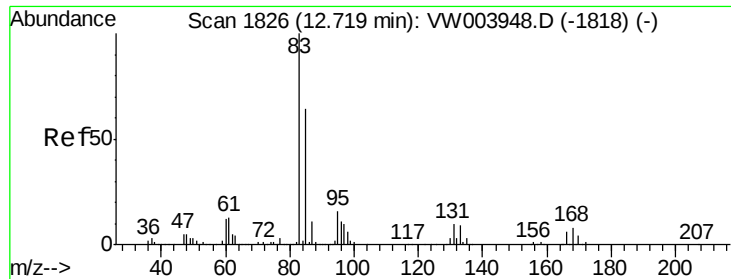
43 100

70 39.7 31.6 47.4

55 26.3 20.0 30.0

61 22.3 18.5 27.7





#75

1,1,2,2-Tetrachloroethane

Concen: 20.33 ug/l

RT: 12.72 min Scan# 1826

Delta R.T. -0.00 min

Lab File: VW003979.D

Acq: 17 Jul 2018 12:42

Instrument :

MSVOA_W

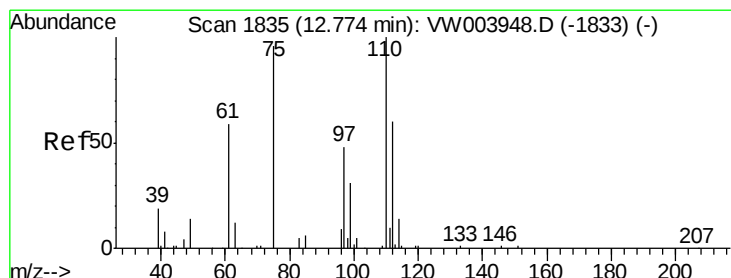
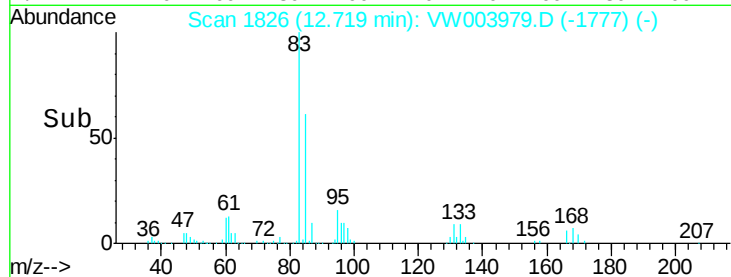
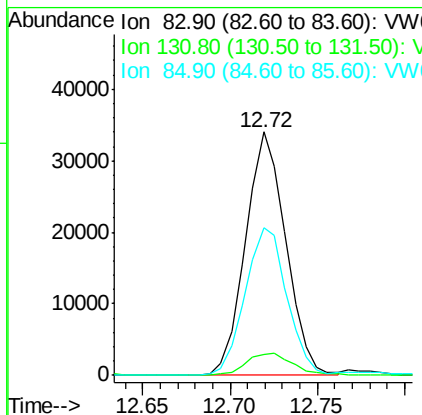
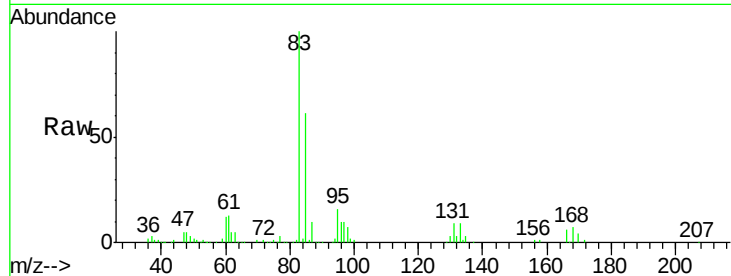
ClientSampleId :

VW0717SBS01

Tot Ion:	83	Resp:	54399
Ion Ratio	Lower	Upper	
83	100		
131	10.7	5.3	15.8
85	63.6	32.2	96.6

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#76

1,2,3-Trichloropropane

Concen: 24.15 ug/l m

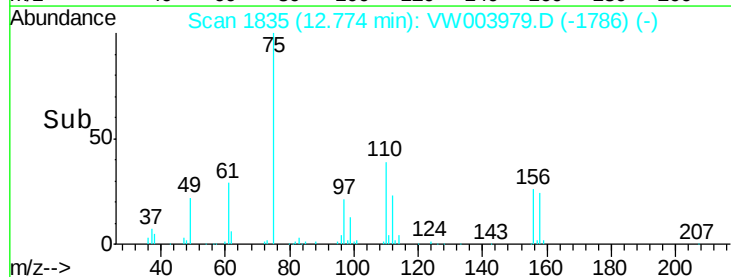
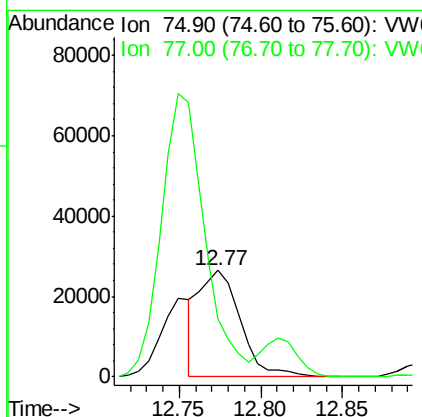
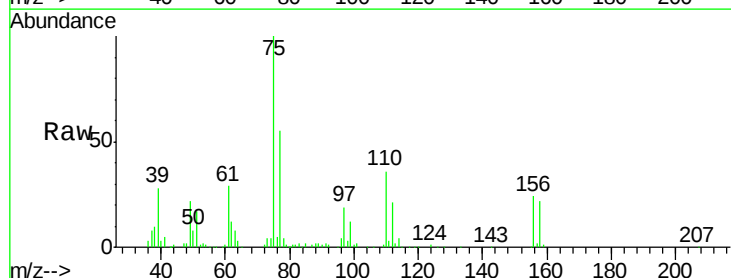
RT: 12.77 min Scan# 1835

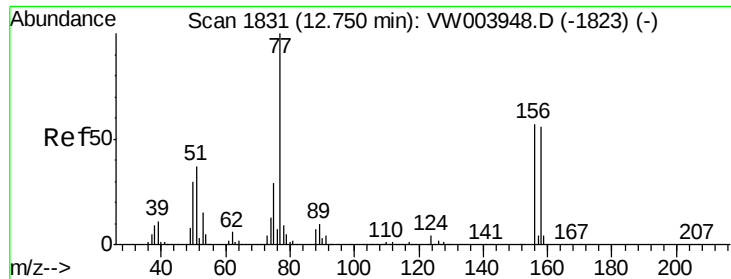
Delta R.T. -0.00 min

Lab File: VW003979.D

Acq: 17 Jul 2018 12:42

Tgt Ion:	75	Resp:	46934
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





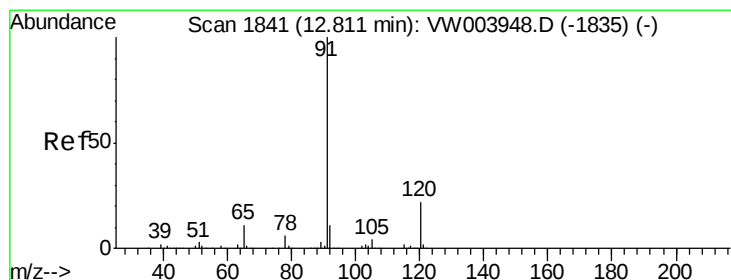
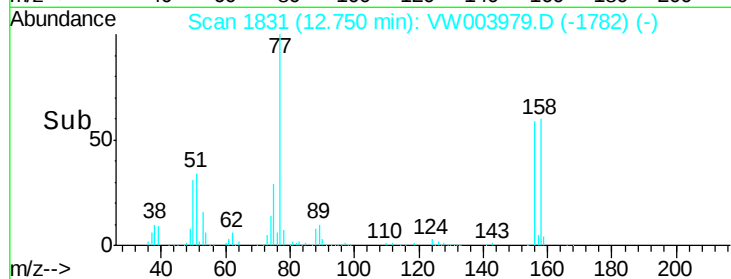
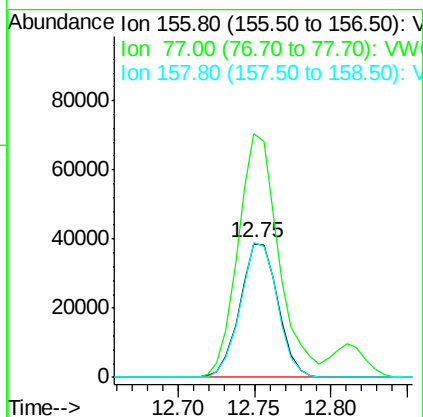
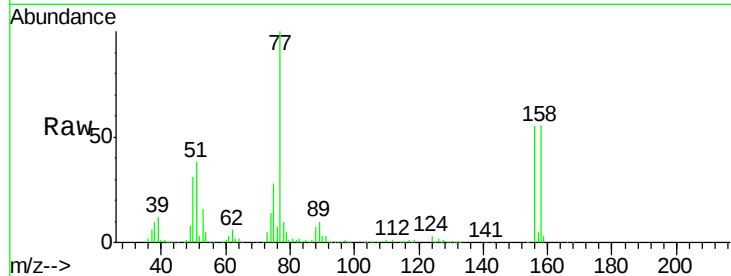
#77
Bromobenzene
Concen: 20.13 ug/l
RT: 12.75 min Scan# 1831
Delta R.T. -0.00 min
Lab File: VW003979.D
Acq: 17 Jul 2018 12:42

Instrument :
MSVOA_W
ClientSampleId :
VW0717SBSD01

Tot Ion	Ratio	Lower	Upper
156	100		
77	195.1	96.2	288.6
158	97.8	48.5	145.5

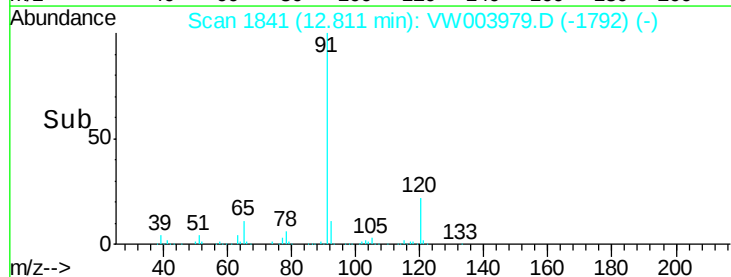
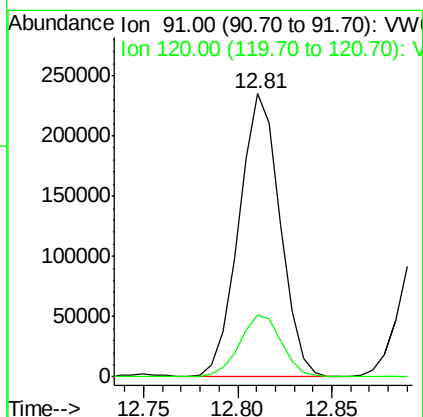
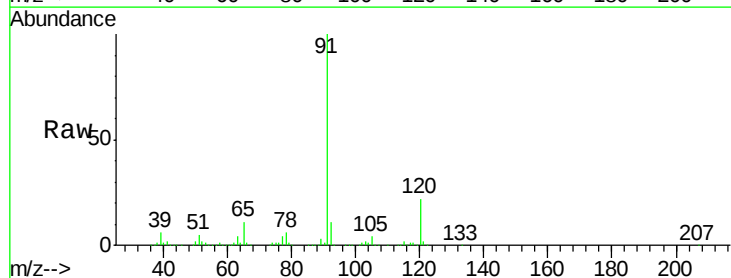
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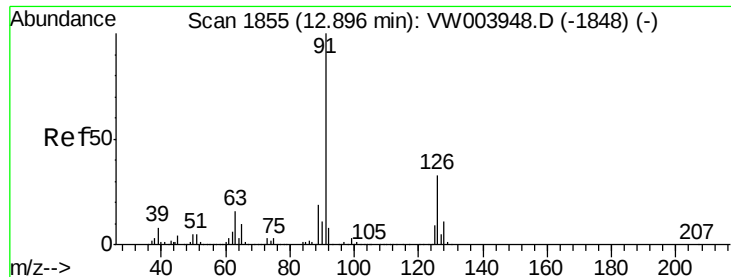
apatel
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#78
n-propylbenzene
Concen: 20.95 ug/l
RT: 12.81 min Scan# 1841
Delta R.T. -0.00 min
Lab File: VW003979.D
Acq: 17 Jul 2018 12:42

Tgt Ion	Ratio	Lower	Upper
91	100		
120	22.3	11.2	33.6





#79

2-Chlorotoluene

Concen: 20.95 ug/l

RT: 12.90 min Scan# 1855

Delta R.T. -0.00 min

Lab File: VW003979.D

Acq: 17 Jul 2018 12:42

Instrument :

MSVOA_W

ClientSampleId :

VW0717SBSD01

Tot Ion: 91 Resp: 200514

Ion Ratio Lower Upper

91 100

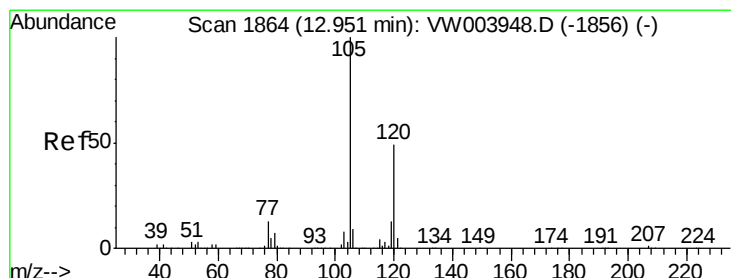
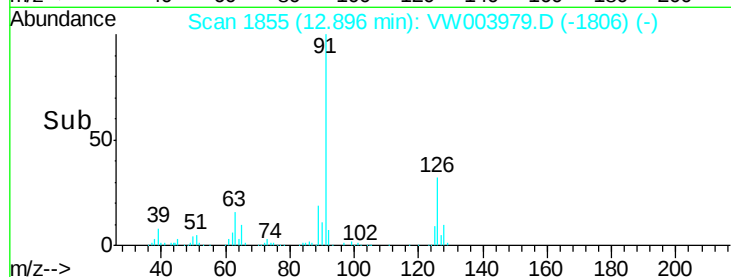
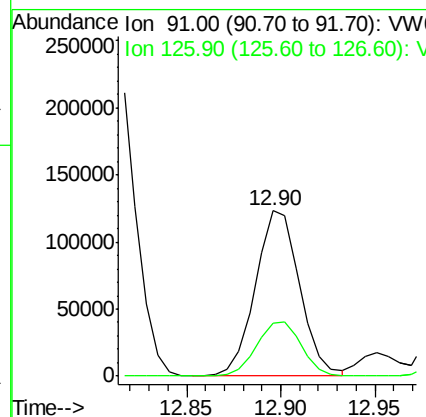
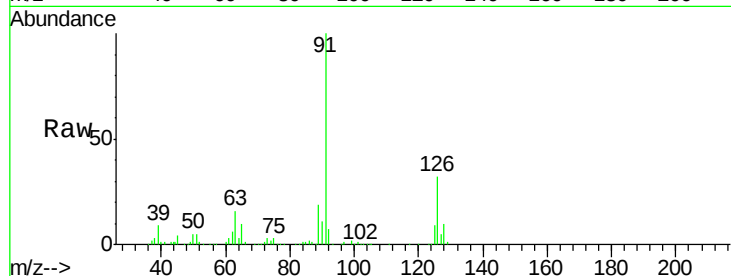
126 33.2 17.0 51.0

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#80

1,3,5-Trimethylbenzene

Concen: 20.85 ug/l

RT: 12.95 min Scan# 1864

Delta R.T. -0.00 min

Lab File: VW003979.D

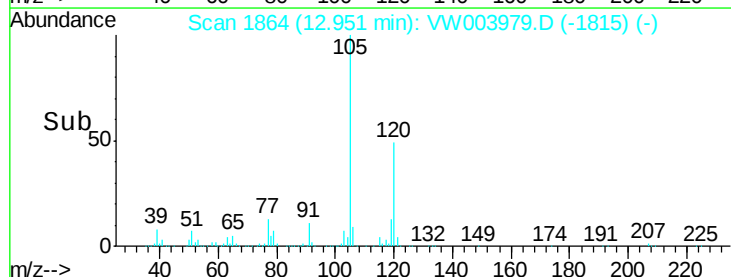
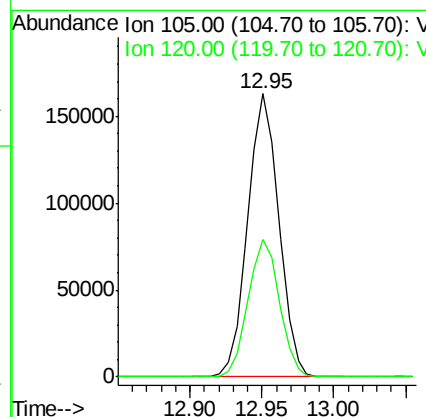
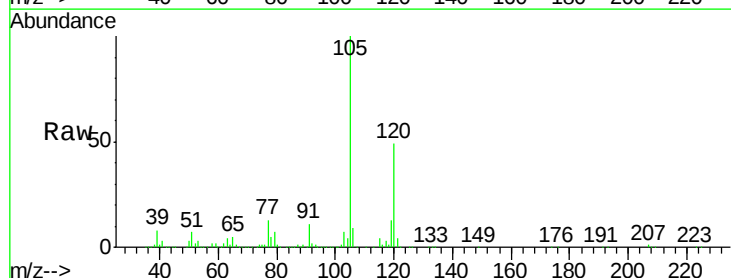
Acq: 17 Jul 2018 12:42

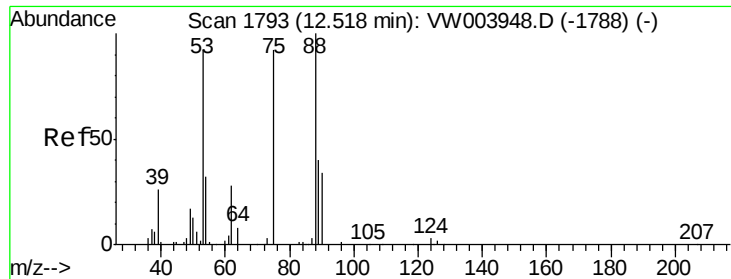
Tgt Ion:105 Resp: 242781

Ion Ratio Lower Upper

105 100

120 48.9 24.4 73.2





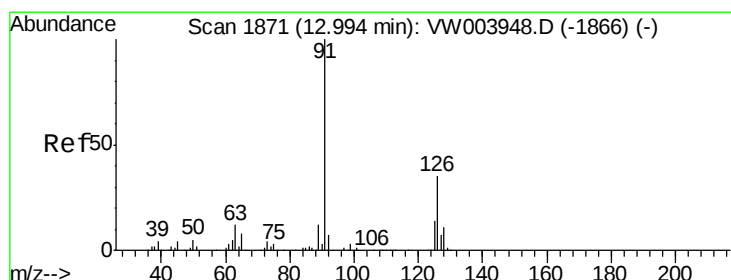
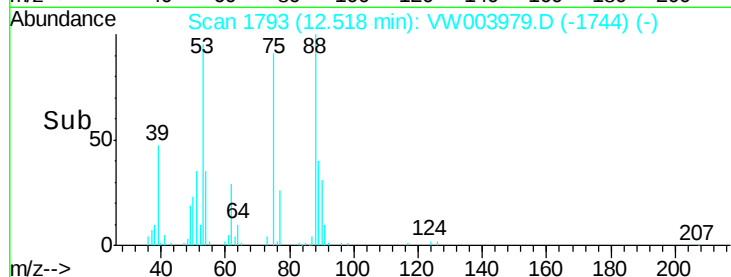
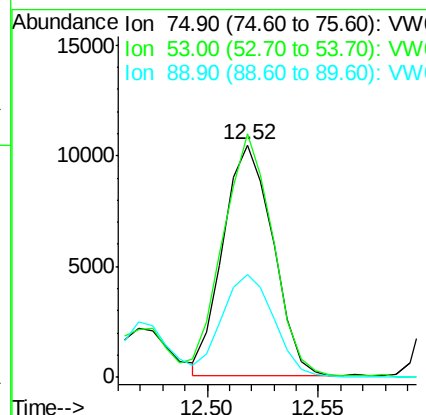
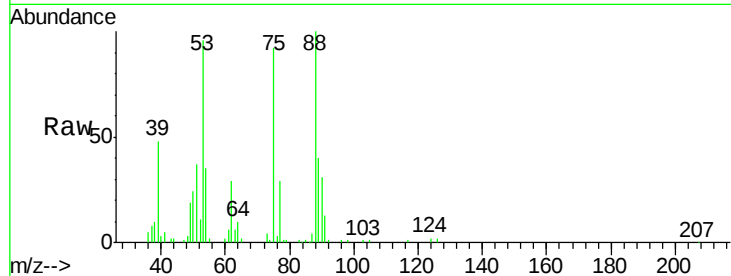
#81
trans-1,4-Dichloro-2-butene
Concen: 18.42 ug/l
RT: 12.52 min Scan# 1793
Delta R.T. -0.00 min
Lab File: VW003979.D
Acq: 17 Jul 2018 12:42

Instrument :
MSVOA_W
ClientSampleId :
VW0717SBSD01

Tot Ion	Ratio	Lower	Upper
75	100		
53	108.3	77.6	116.4
89	46.8	36.6	54.8

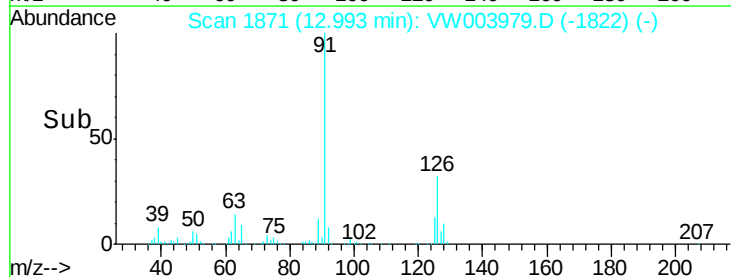
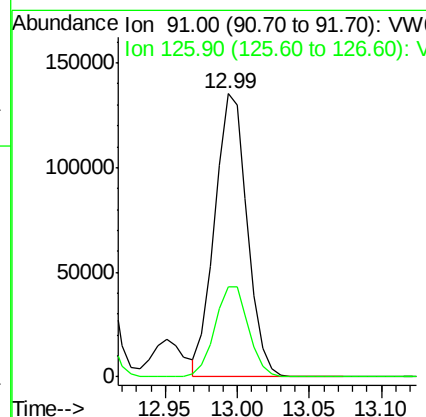
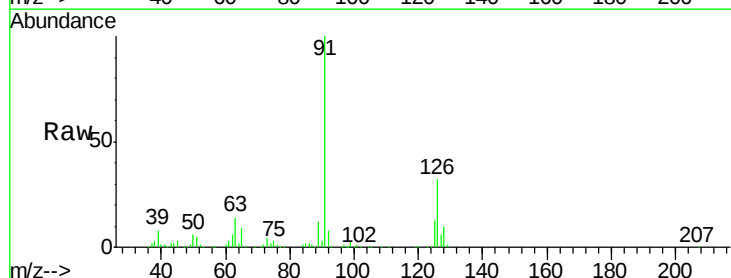
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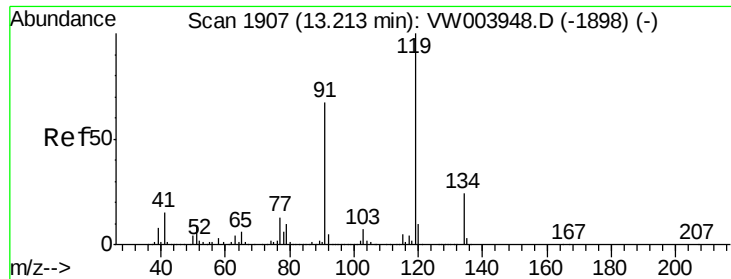
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#82
4-Chlorotoluene
Concen: 20.72 ug/l
RT: 12.99 min Scan# 1871
Delta R.T. -0.00 min
Lab File: VW003979.D
Acq: 17 Jul 2018 12:42

Tgt Ion	Ratio	Lower	Upper
91	100		
126	33.3	16.7	50.0





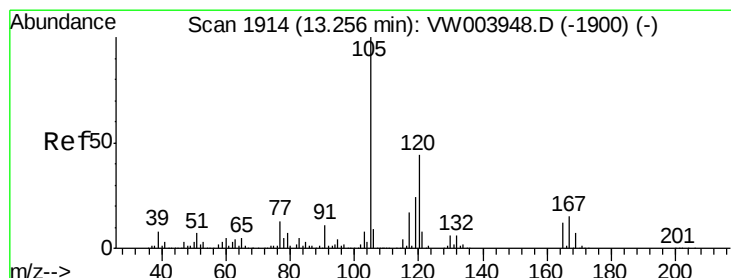
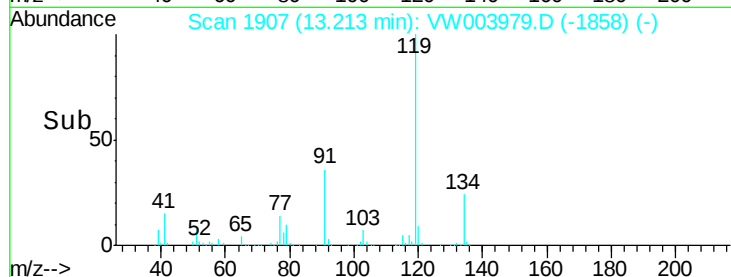
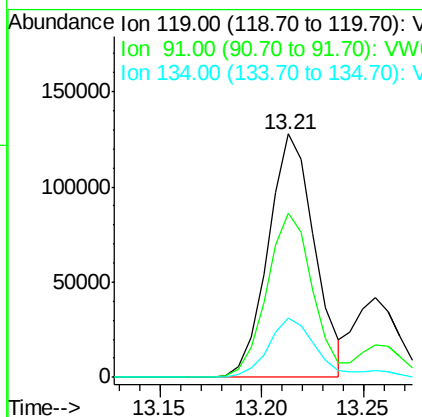
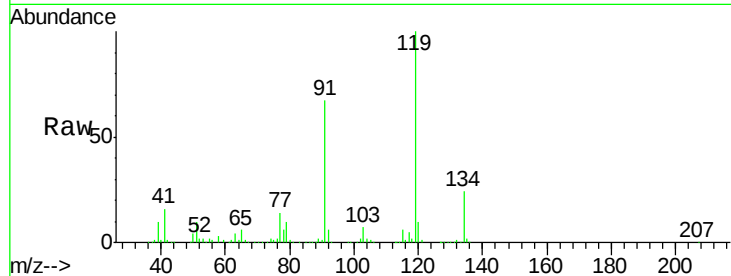
#83
tert-Butylbenzene
Concen: 20.71 ug/l
RT: 13.21 min Scan# 1907
Delta R.T. -0.00 min
Lab File: VW003979.D
Acq: 17 Jul 2018 12:42

Instrument :
MSVOA_W
ClientSampleId :
VW0717SBSD01

Tot Ion	Ratio	Lower	Upper
119	100		
91	67.4	33.2	99.6
134	26.2	13.0	38.9

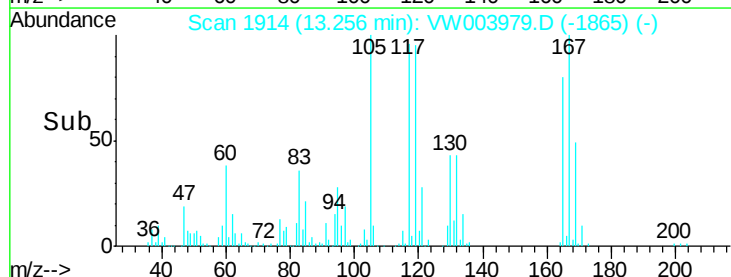
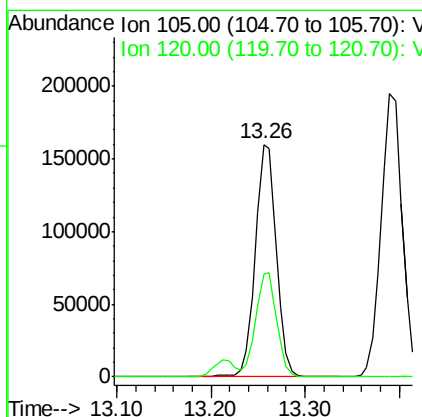
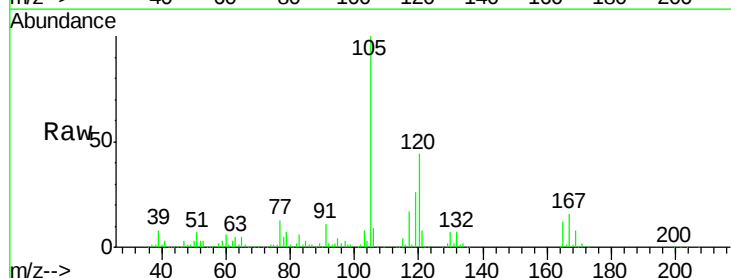
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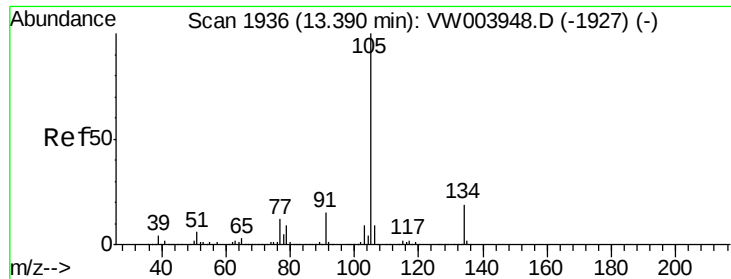
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#84
1,2,4-Trimethylbenzene
Concen: 21.12 ug/l
RT: 13.26 min Scan# 1914
Delta R.T. -0.00 min
Lab File: VW003979.D
Acq: 17 Jul 2018 12:42

Tgt Ion	Ratio	Lower	Upper
105	100		
120	44.4	22.1	66.1





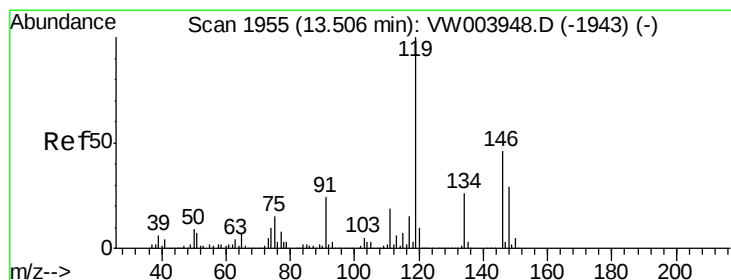
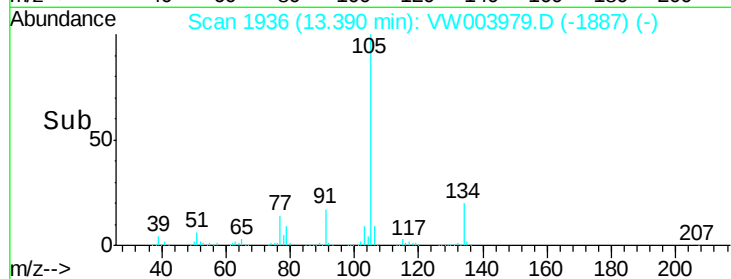
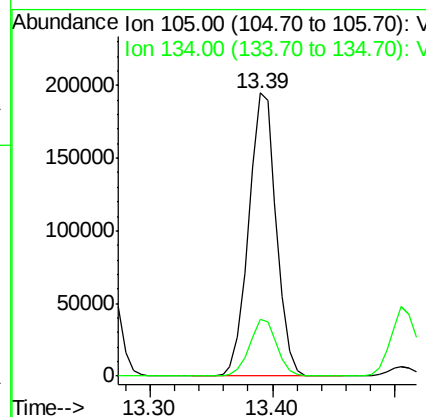
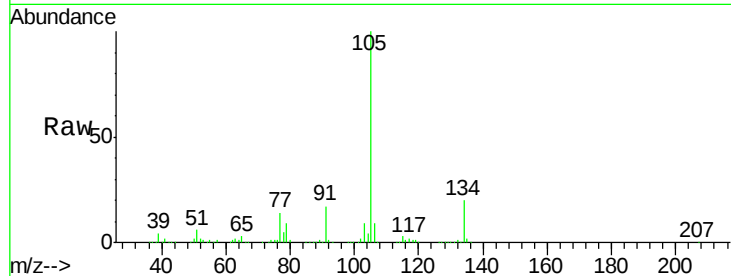
#85
 sec-Butylbenzene
 Concen: 20.96 ug/l
 RT: 13.39 min Scan# 1936
 Delta R.T. -0.00 min
 Lab File: VW003979.D
 Acq: 17 Jul 2018 12:42

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0717SBS01

Tot Ion	Ratio	Lower	Upper
105	100		
134	20.0	9.8	29.4

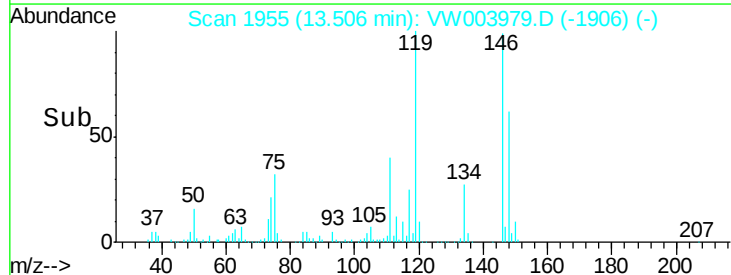
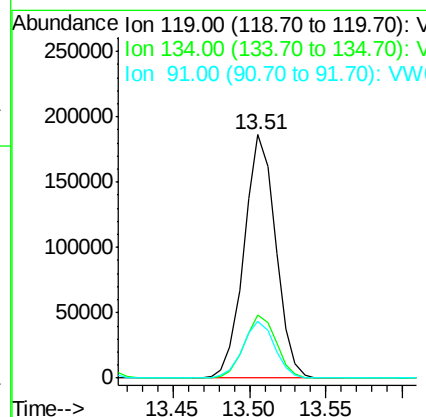
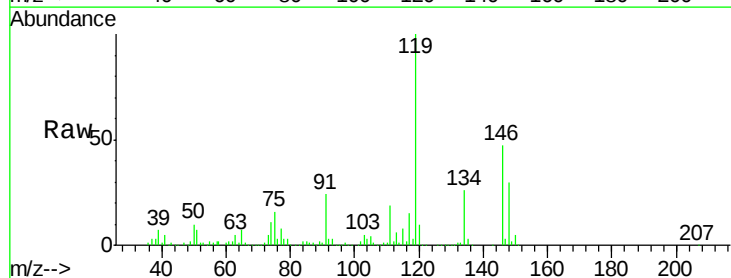
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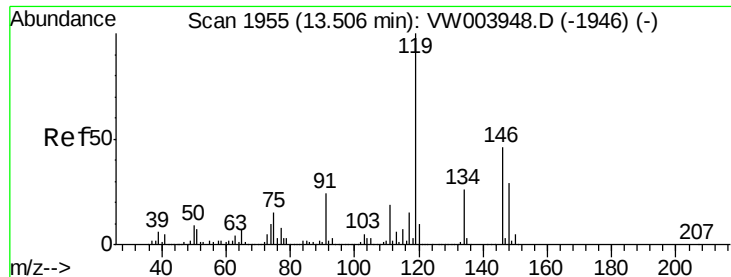
apatel
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#86
 p-Isopropyltoluene
 Concen: 21.01 ug/l
 RT: 13.51 min Scan# 1955
 Delta R.T. -0.00 min
 Lab File: VW003979.D
 Acq: 17 Jul 2018 12:42

Tgt Ion	Ratio	Lower	Upper
119	100		
134	26.2	13.0	38.9
91	23.6	11.8	35.3





#87

1,3-Dichlorobenzene

Concen: 20.86 ug/l

RT: 13.51 min Scan# 1955

Delta R.T. -0.00 min

Lab File: VW003979.D

Acq: 17 Jul 2018 12:42

Instrument :

MSVOA_W

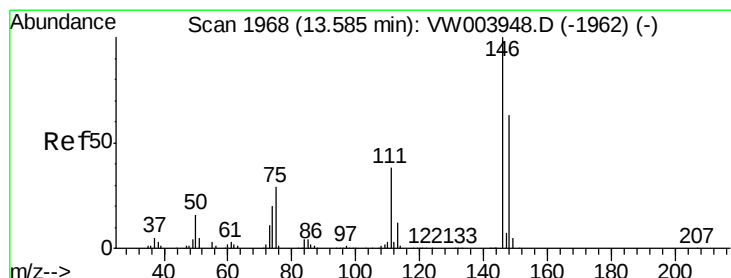
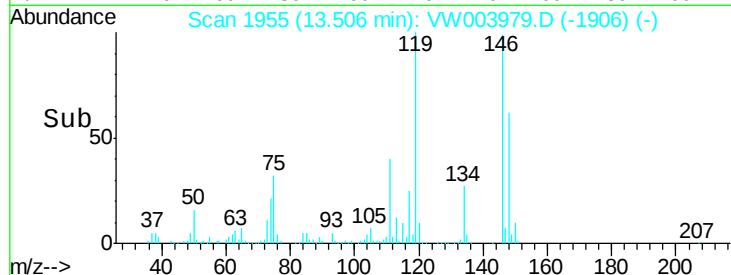
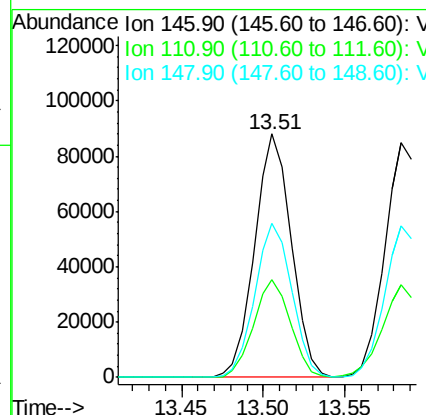
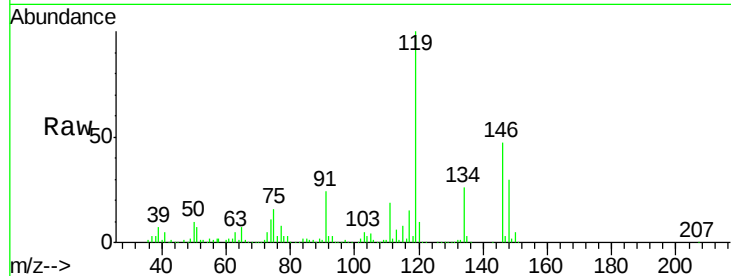
ClientSampleId :

VW0717SBSD01

Tot Ion:	146	Resp:	137931
Ion Ratio	Lower	Upper	
146	100		
111	40.3	19.9	59.6
148	63.7	31.9	95.5

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#88

1,4-Dichlorobenzene

Concen: 20.47 ug/l

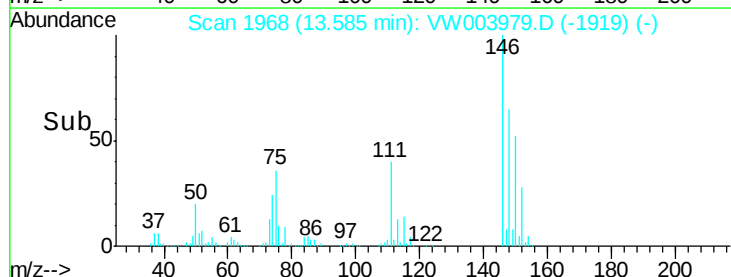
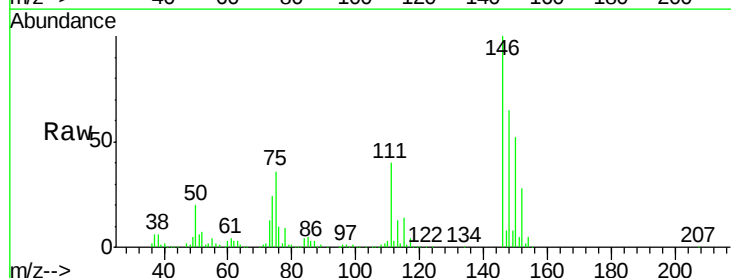
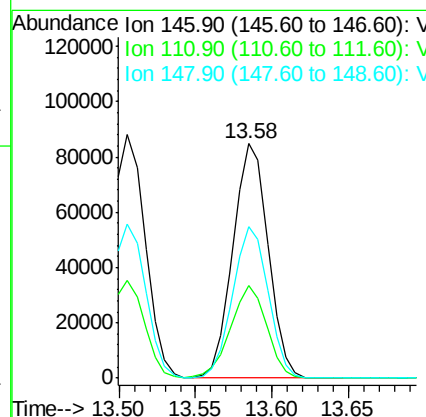
RT: 13.58 min Scan# 1968

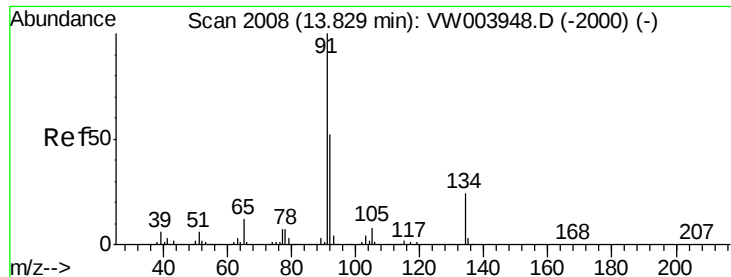
Delta R.T. -0.00 min

Lab File: VW003979.D

Acq: 17 Jul 2018 12:42

Tgt Ion:	146	Resp:	135724
Ion Ratio	Lower	Upper	
146	100		
111	40.4	19.6	58.7
148	65.1	32.3	96.8





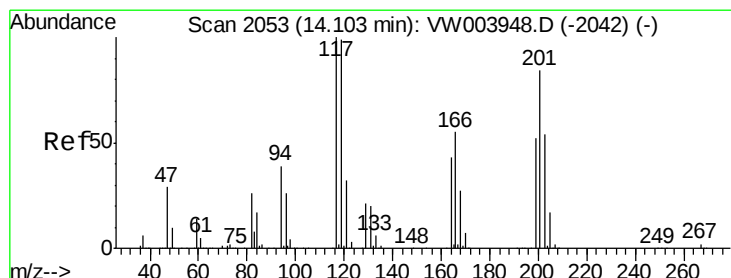
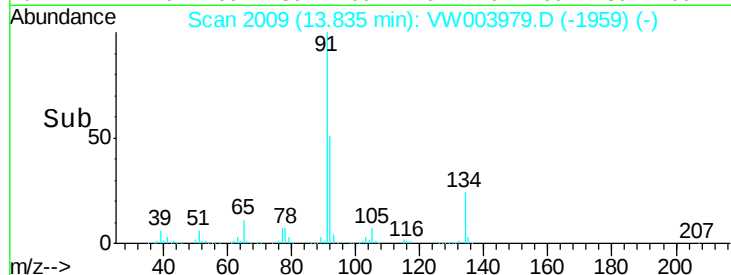
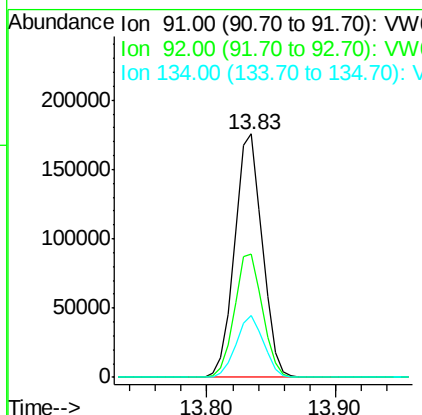
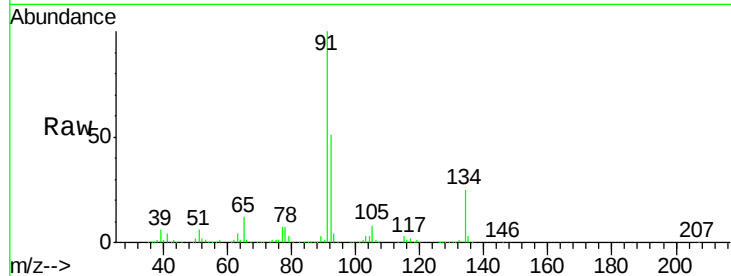
#89
n-Butylbenzene
Concen: 20.93 ug/l
RT: 13.83 min Scan# 2009
Delta R.T. 0.01 min
Lab File: VW003979.D
Acq: 17 Jul 2018 12:42

Instrument :
MSVOA_W
ClientSampleId :
VW0717SBS01

Tot Ion	Ratio	Lower	Upper
91	100		
92	51.4	26.1	78.3
134	25.1	12.4	37.4

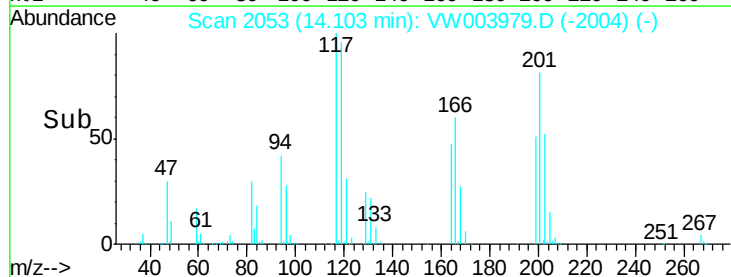
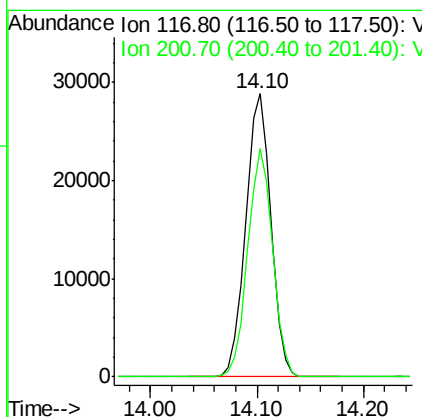
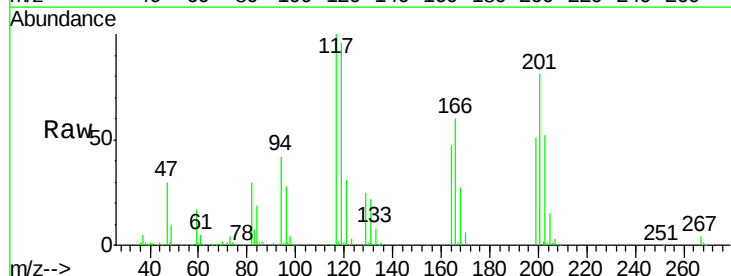
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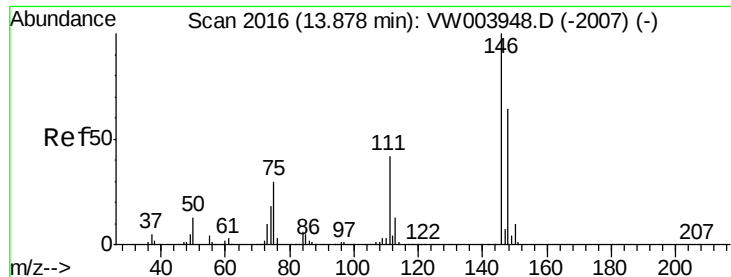
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#90
Hexachloroethane
Concen: 20.53 ug/l
RT: 14.10 min Scan# 2053
Delta R.T. -0.00 min
Lab File: VW003979.D
Acq: 17 Jul 2018 12:42

Tgt Ion	Ratio	Lower	Upper
117	100		
201	79.7	40.3	120.9





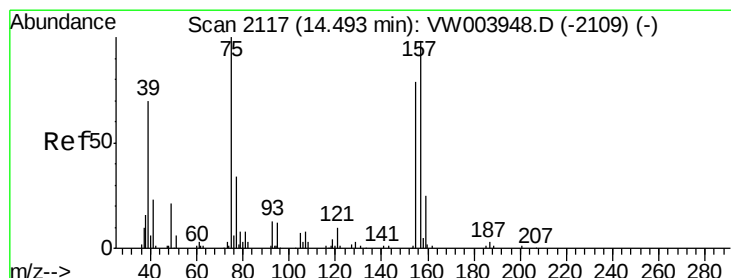
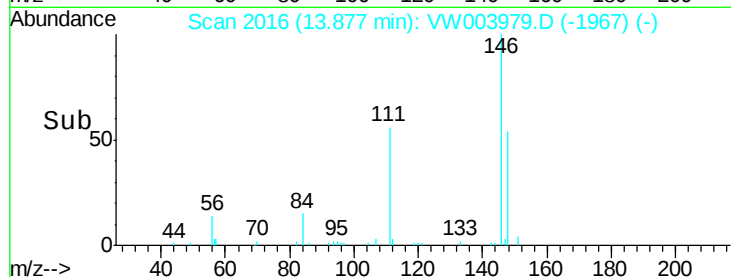
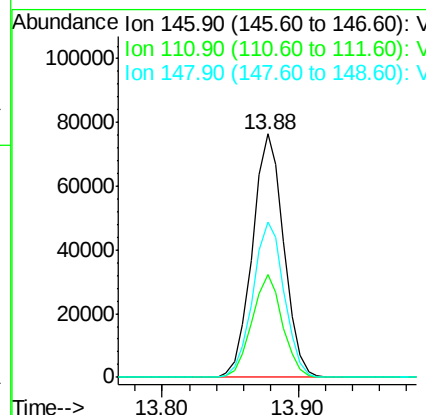
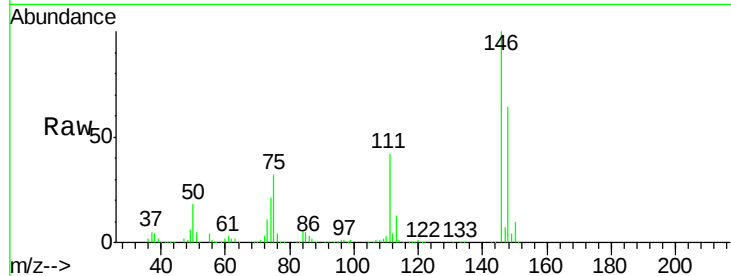
#91
 1,2-Dichlorobenzene
 Concen: 20.96 ug/l
 RT: 13.88 min Scan# 2016
 Delta R.T. -0.00 min
 Lab File: VW003979.D
 Acq: 17 Jul 2018 12:42

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0717SBSD01

Tot Ion	Ratio	Lower	Upper
146	100		
111	41.1	20.7	62.1
148	63.8	32.0	96.2

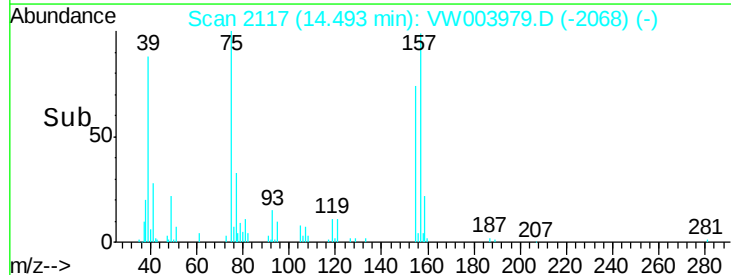
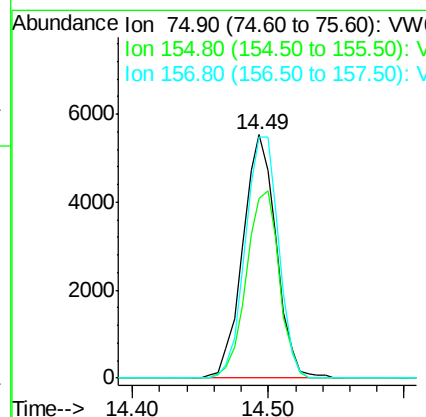
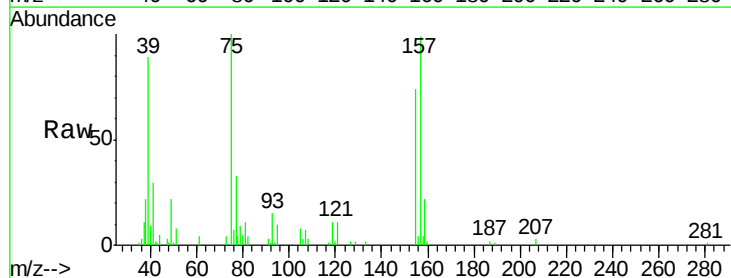
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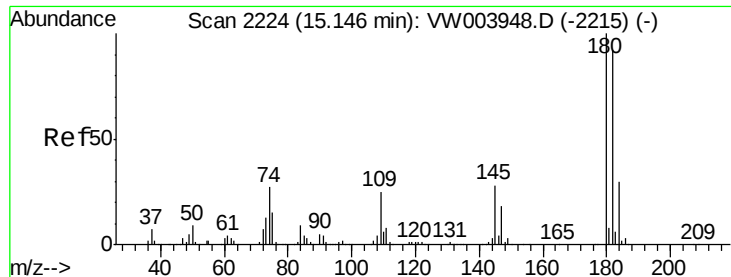
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 19.92 ug/l
 RT: 14.49 min Scan# 2117
 Delta R.T. -0.00 min
 Lab File: VW003979.D
 Acq: 17 Jul 2018 12:42

Tgt Ion	Ratio	Lower	Upper
75	100		
155	75.7	39.4	118.1
157	99.0	51.8	155.4





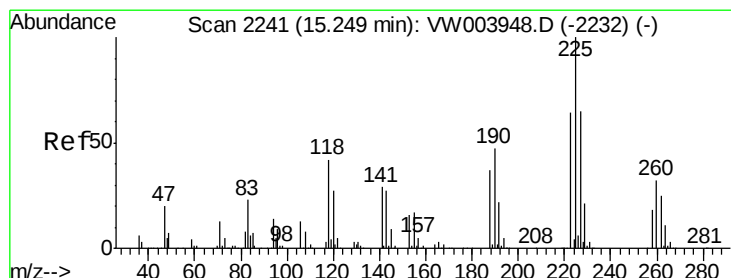
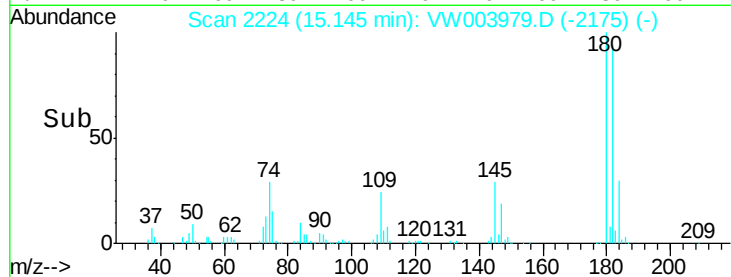
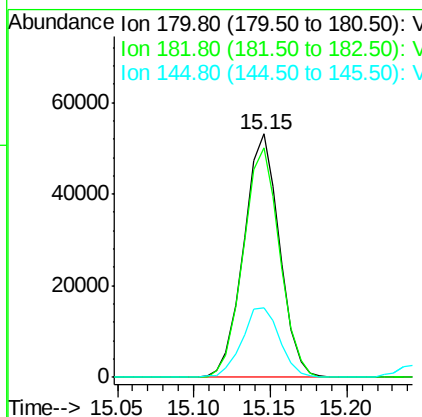
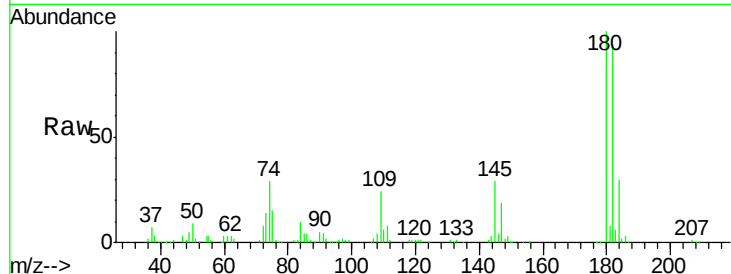
#93
1,2,4-Trichlorobenzene
Concen: 20.82 ug/l
RT: 15.15 min Scan# 2224
Delta R.T. -0.00 min
Lab File: VW003979.D
Acq: 17 Jul 2018 12:42

Instrument :
MSVOA_W
ClientSampleId :
VW0717SBSD01

Tot Ion	Ratio	Lower	Upper
180	100		
182	96.0	46.9	140.8
145	30.2	15.0	45.0

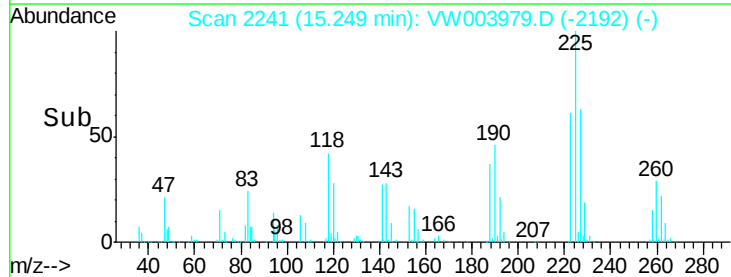
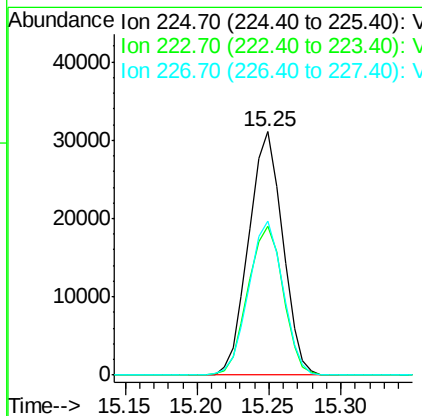
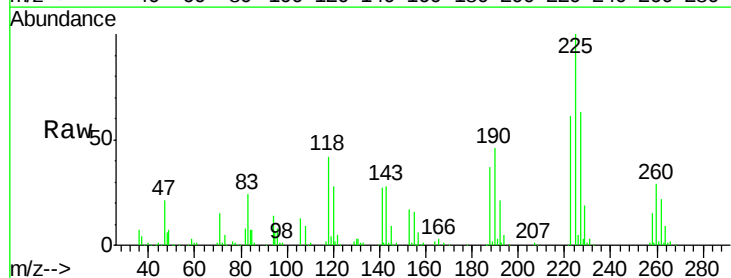
Manual Integrations
APPROVED

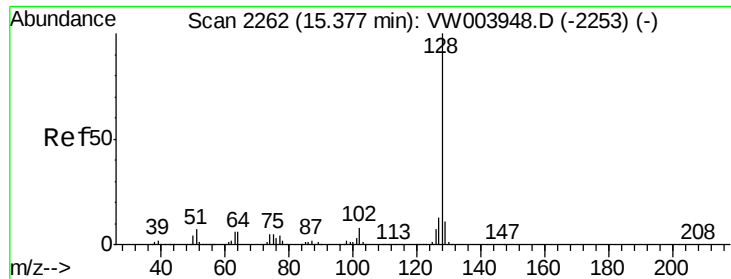
apatel
7/18/2018 11:39:31 AM



#94
Hexachlorobutadiene
Concen: 21.38 ug/l
RT: 15.25 min Scan# 2241
Delta R.T. -0.00 min
Lab File: VW003979.D
Acq: 17 Jul 2018 12:42

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.2	32.0	96.2
227	64.3	32.3	96.9





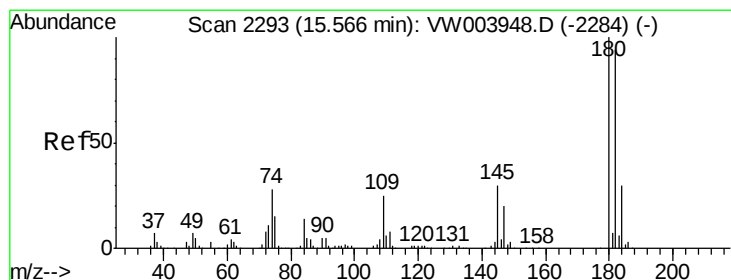
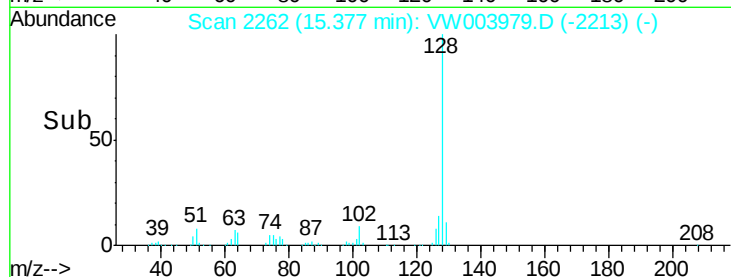
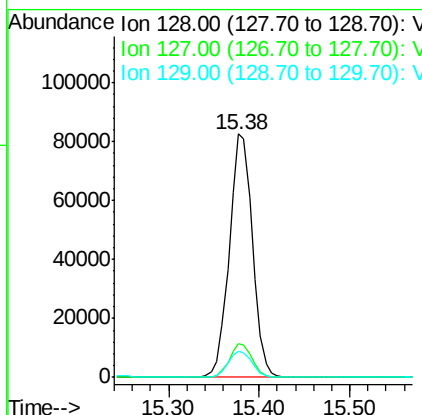
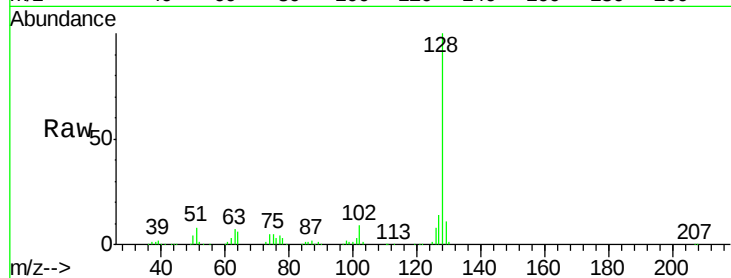
#95
Naphthalene
Concen: 19.36 ug/l
RT: 15.38 min Scan# 2262
Delta R.T. -0.00 min
Lab File: VW003979.D
Acq: 17 Jul 2018 12:42

Instrument :
MSVOA_W
ClientSampleId :
VW0717SBSD01

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.7	10.7	16.1
129	11.1	8.7	13.1

Manual Integrations
APPROVED

apatel
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#96
1,2,3-Trichlorobenzene
Concen: 20.63 ug/l
RT: 15.57 min Scan# 2294
Delta R.T. 0.01 min
Lab File: VW003979.D
Acq: 17 Jul 2018 12:42

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.0	47.5	142.6
145	31.6	15.8	47.4

