

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW091718\
 Data File : VW005426.D
 Acq On : 17 Sep 2018 12:06
 Operator : SY/AP
 Sample : VW0917SBSD01
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0917SBSD01

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 9/18/2018 12:51:57 PM

Quant Time: Sep 18 01:19:06 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W091618S.M
 Quant Title : SW846 8260
 QLast Update : Sat Sep 15 02:32:34 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.96	168	302597	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	442322	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	421671	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	224229	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.32	65	134818	42.92	ug/l	0.00
Spiked Amount	50.000		Recovery	=	85.84%	
35) Dibromofluoromethane	7.90	113	113009	45.57	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.14%	
50) Toluene-d8	10.33	98	546104	48.08	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.16%	
62) 4-Bromofluorobenzene	12.62	95	200295	48.10	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.20%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	2.01	85	64110	22.58	ug/l	97
3) Chloromethane	2.22	50	73792	20.66	ug/l	99
4) Vinyl Chloride	2.37	62	68596	20.50	ug/l	99
5) Bromomethane	2.78	94	43130	17.54	ug/l	97
6) Chloroethane	2.92	64	37613	18.97	ug/l	97
7) Trichlorofluoromethane	3.27	101	86275	19.46	ug/l	95
8) Diethyl Ether	3.70	74	25134	19.08	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	4.07	101	52912	20.47	ug/l	99
10) Methyl Iodide	4.28	142	57428	20.10	ug/l	96
11) Tert butyl alcohol	5.22	59	18158	82.97	ug/l #	94
12) 1,1-Dichloroethene	4.05	96	46865	20.02	ug/l	99
13) Acrolein	3.92	56	16104	116.69	ug/l	97
14) Allyl chloride	4.68	41	87224	20.02	ug/l	97
15) Acrylonitrile	5.39	53	54866	91.05	ug/l	100
16) Acetone	4.15	43	41966	80.71	ug/l	99
17) Carbon Disulfide	4.39	76	158913	19.27	ug/l	97
18) Methyl Acetate	4.70	43	25218	16.71	ug/l	96
19) Methyl tert-butyl Ether	5.44	73	119576	18.81	ug/l	96
20) Methylene Chloride	4.93	84	67110	17.84	ug/l	99
21) trans-1,2-Dichloroethene	5.44	96	53653	19.19	ug/l	97
22) Diisopropyl ether	6.32	45	169803	19.83	ug/l	97
23) Vinyl Acetate	6.27	43	482148	98.81	ug/l	99
24) 1,1-Dichloroethane	6.23	63	98854	19.02	ug/l	98
25) 2-Butanone	7.19	43	70375	93.14	ug/l	98
26) 2,2-Dichloropropane	7.18	77	96594	20.72	ug/l	99
27) cis-1,2-Dichloroethene	7.18	96	58284	19.16	ug/l	98
28) Bromochloromethane	7.52	49	37309	18.46	ug/l #	99
29) Tetrahydrofuran	7.54	42	45378	94.27	ug/l	99
30) Chloroform	7.68	83	99271	18.45	ug/l	97
31) Cyclohexane	7.96	56	106424	21.23	ug/l	98
32) 1,1,1-Trichloroethane	7.88	97	96939	19.37	ug/l	100
36) 1,1-Dichloropropene	8.09	75	83977	20.06	ug/l	98
37) Ethyl Acetate	7.26	43	33055	19.42	ug/l	98
38) Carbon Tetrachloride	8.08	117	86014	19.72	ug/l	100

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Quant Time: Sep 18 01:19:06 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W091618S.M
 Quant Title : SW846 8260
 QLast Update : Sat Sep 15 02:32:34 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	104742	21.53	ug/l	99
40) Benzene	8.34	78	236941	19.54	ug/l	98
41) Methacrylonitrile	7.49	41	21383	20.82	ug/l	96
42) 1,2-Dichloroethane	8.41	62	69759	18.38	ug/l	99
43) Isopropyl Acetate	8.43	43	61793	18.60	ug/l	98
44) Trichloroethene	9.10	130	62409	20.00	ug/l	99
45) 1,2-Dichloropropane	9.38	63	57584	19.88	ug/l	96
46) Dibromomethane	9.46	93	27160	19.06	ug/l	100
47) Bromodichloromethane	9.65	83	75130	19.46	ug/l	99
48) Methyl methacrylate	9.45	41	29900	18.03	ug/l	97
49) 1,4-Dioxane	9.48	88	8918	375.43	ug/l #	100
51) 4-Methyl-2-Pentanone	10.22	43	158739	92.82	ug/l	100
52) Toluene	10.40	92	166912	20.33	ug/l	98
53) t-1,3-Dichloropropene	10.61	75	75616	19.57	ug/l	96
54) cis-1,3-Dichloropropene	10.08	75	88964	20.33	ug/l	97
55) 1,1,2-Trichloroethane	10.79	97	38897	18.36	ug/l	97
56) Ethyl methacrylate	10.65	69	51351	19.15	ug/l	96
57) 1,3-Dichloropropane	10.94	76	69274	18.95	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.93	63	118853	98.01	ug/l	100
59) 2-Hexanone	10.98	43	115928	99.51	ug/l	100
60) Dibromochloromethane	11.13	129	46573	18.27	ug/l	98
61) 1,2-Dibromoethane	11.24	107	35648	18.77	ug/l	99
64) Tetrachloroethene	10.87	164	61528	19.74	ug/l	98
65) Chlorobenzene	11.66	112	176707	19.75	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.74	131	55637	19.45	ug/l	100
67) Ethyl Benzene	11.74	91	323326	20.54	ug/l	100
68) m/p-Xylenes	11.85	106	251184	41.47	ug/l	99
69) o-Xylene	12.17	106	116150	20.59	ug/l	97
70) Styrene	12.19	104	191167	20.54	ug/l	100
71) Bromoform	12.35	173	27443	18.14	ug/l #	99
73) Isopropylbenzene	12.47	105	323681	20.58	ug/l	100
74) N-amyl acetate	12.28	43	62256	18.78	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.72	83	43651	19.02	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	31001m	16.81	ug/l	
77) Bromobenzene	12.76	156	71571	19.24	ug/l	98
78) n-propylbenzene	12.81	91	401086	21.13	ug/l	100
79) 2-Chlorotoluene	12.90	91	229082	20.45	ug/l	100
80) 1,3,5-Trimethylbenzene	12.95	105	280198	20.41	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.52	75	13438	18.90	ug/l	97
82) 4-Chlorotoluene	12.99	91	238923	20.21	ug/l	100
83) tert-Butylbenzene	13.21	119	238154	20.89	ug/l	99
84) 1,2,4-Trimethylbenzene	13.26	105	285776	20.51	ug/l	100
85) sec-Butylbenzene	13.39	105	344667	20.92	ug/l	99
86) p-Isopropyltoluene	13.51	119	305686	20.75	ug/l	100
87) 1,3-Dichlorobenzene	13.51	146	149263	19.79	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	145996	19.66	ug/l	96
89) n-Butylbenzene	13.83	91	292073	21.29	ug/l	100
90) Hexachloroethane	14.10	117	48514	19.22	ug/l	98
91) 1,2-Dichlorobenzene	13.88	146	128781	19.54	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	7463	16.93	ug/l	97

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VW0917SBSD01

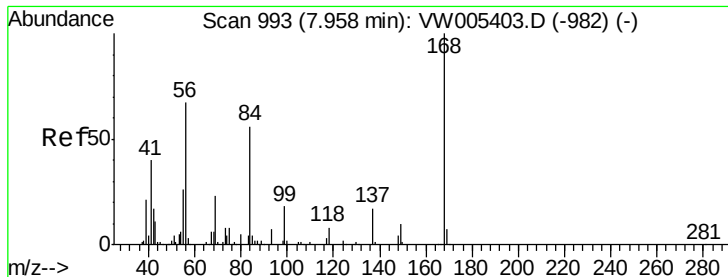
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Quant Time: Sep 18 01:19:06 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W091618S.M
Quant Title : SW846 8260
QLast Update : Sat Sep 15 02:32:34 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.15	180	90898	20.67	ug/l	99
94) Hexachlorobutadiene	15.25	225	60459	21.05	ug/l	100
95) Naphthalene	15.38	128	139763	19.07	ug/l	100
96) 1,2,3-Trichlorobenzene	15.57	180	76441	19.91	ug/l	100

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



#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.96 min Scan# 993

Delta R.T. 0.00 min

Lab File: VW005426.D

Acq: 17 Sep 2018 12:06

Instrument :

MSVOA_W

ClientSampleId :

VW0917SBSD01

Tot Ion:168 Resp: 302597

Ion Ratio Lower Upper

168 100

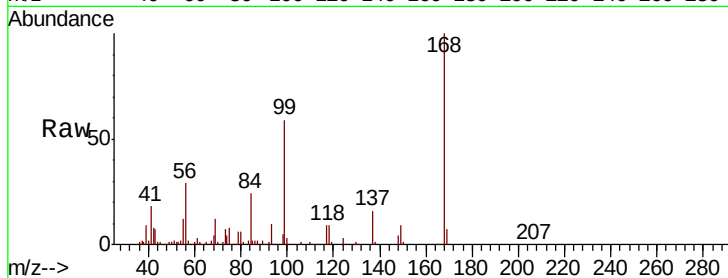
99 58.4 45.0 67.6

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.96

150000

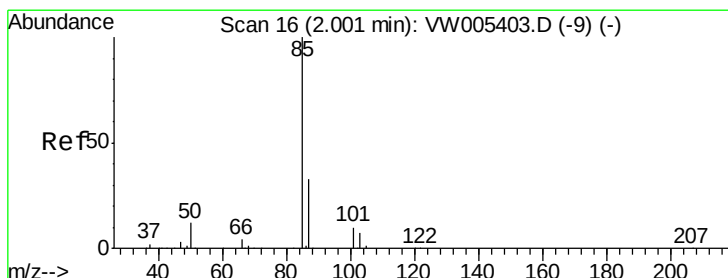
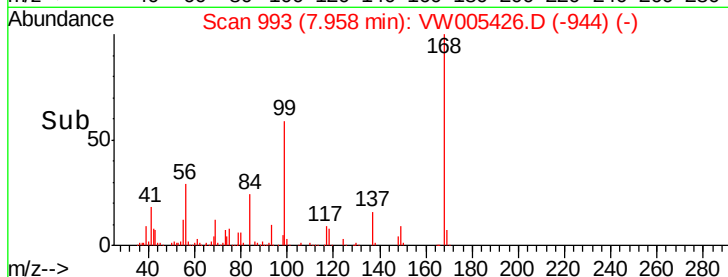
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50000

0

7.90 8.00 8.10

Time-->



#2

Dichlorodifluoromethane

Concen: 22.58 ug/l

RT: 2.01 min Scan# 17

Delta R.T. 0.01 min

Lab File: VW005426.D

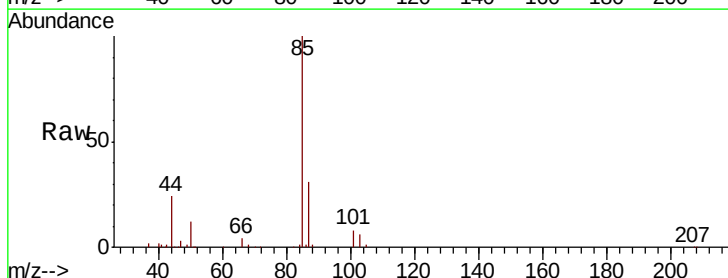
Acq: 17 Sep 2018 12:06

Tgt Ion: 85 Resp: 64110

Ion Ratio Lower Upper

85 100

87 31.0 16.4 49.1



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW

2.01

50000

40000

30000

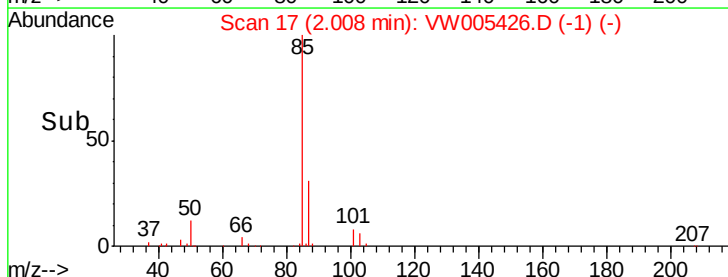
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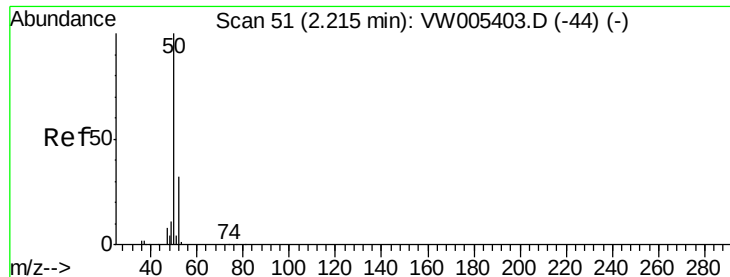
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0

1.90 2.00 2.10

Time-->





#3

Chloromethane

Concen: 20.66 ug/l

RT: 2.22 min Scan# 52

Delta R.T. 0.01 min

Lab File: VW005426.D

Acq: 17 Sep 2018 12:06

Instrument :

MSVOA_W

ClientSampleId :

VW0917SBSD01

Tot Ion: 50 Resp: 73792

Ion Ratio Lower Upper

50 100

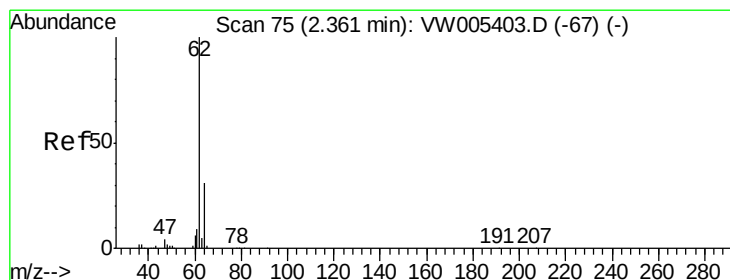
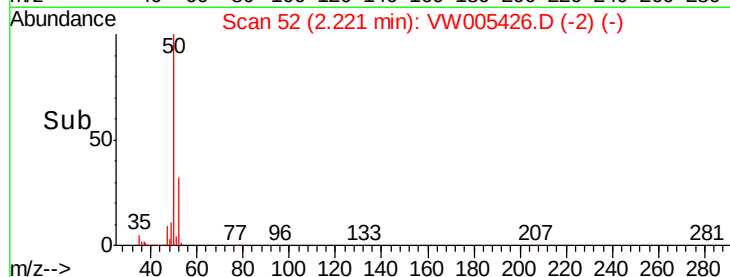
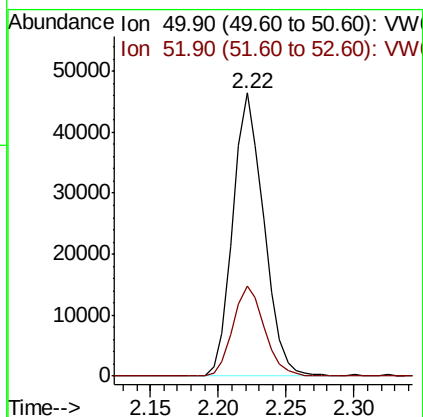
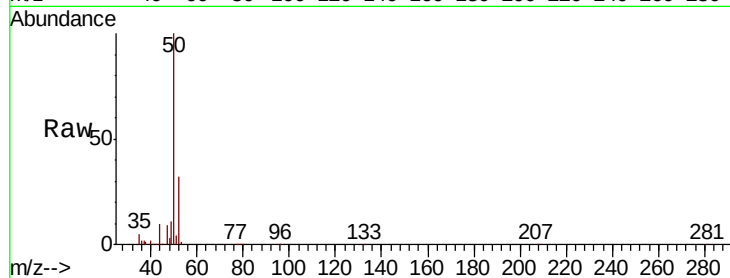
52 31.7 25.8 38.6

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#4

Vinyl Chloride

Concen: 20.50 ug/l

RT: 2.37 min Scan# 76

Delta R.T. 0.01 min

Lab File: VW005426.D

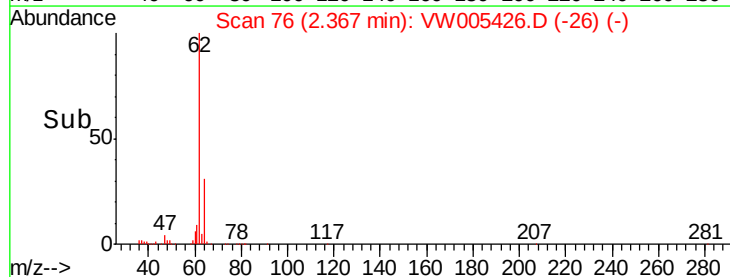
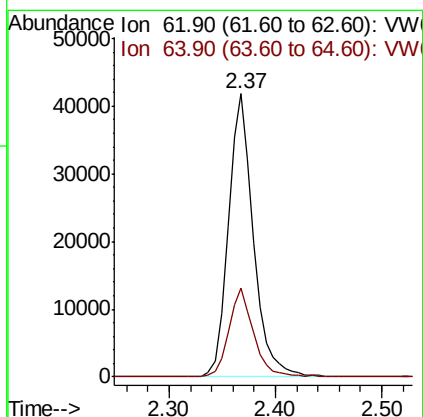
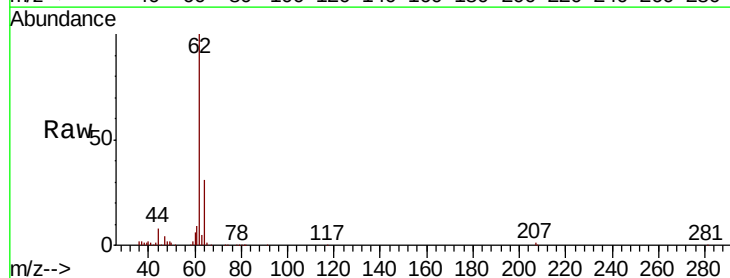
Acq: 17 Sep 2018 12:06

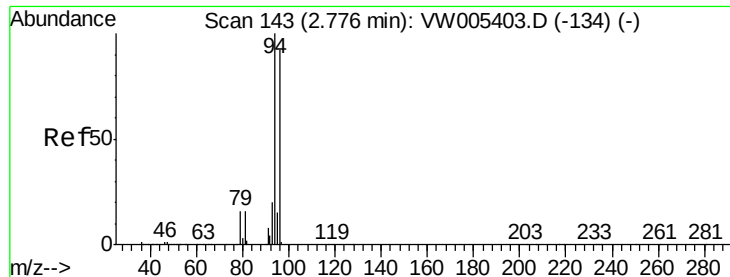
Tgt Ion: 62 Resp: 68596

Ion Ratio Lower Upper

62 100

64 31.3 24.5 36.7





#5

Bromomethane

Concen: 17.54 ug/l

RT: 2.78 min Scan# 144

Delta R.T. 0.01 min

Lab File: VW005426.D

Acq: 17 Sep 2018 12:06

Instrument :

MSVOA_W

ClientSampleId :

VW0917SBS01

Tot Ion: 94 Resp: 43130

Ion Ratio Lower Upper

94 100

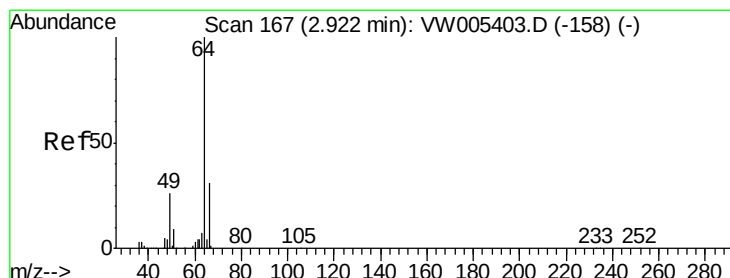
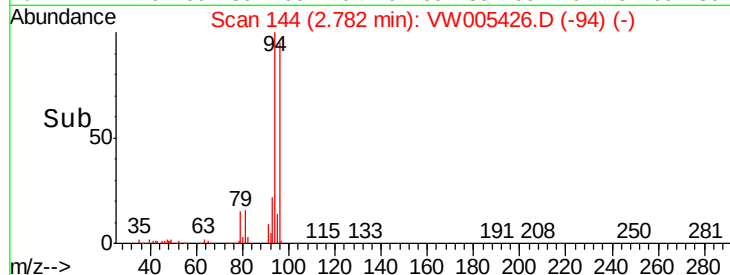
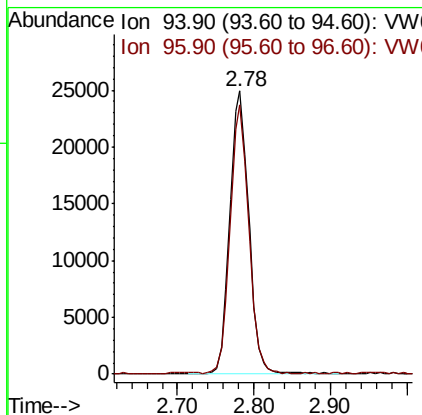
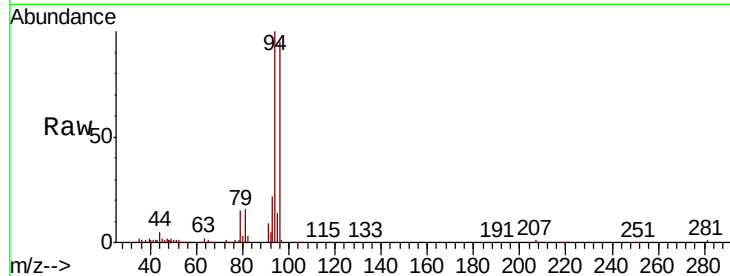
96 94.8 73.7 110.5

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#6

Chloroethane

Concen: 18.97 ug/l

RT: 2.92 min Scan# 167

Delta R.T. 0.00 min

Lab File: VW005426.D

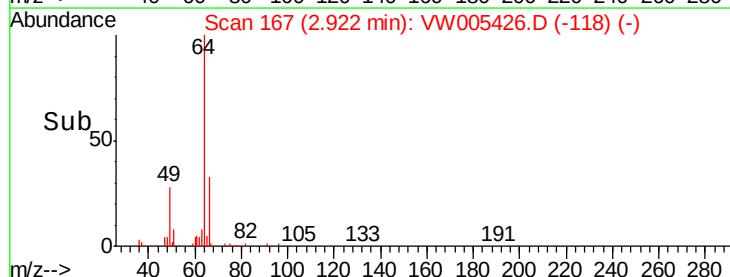
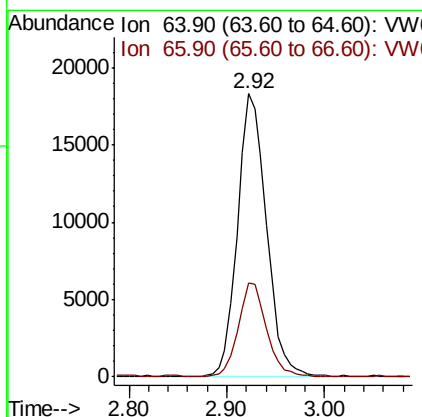
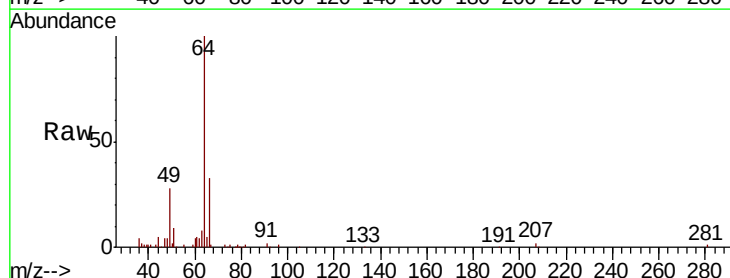
Acq: 17 Sep 2018 12:06

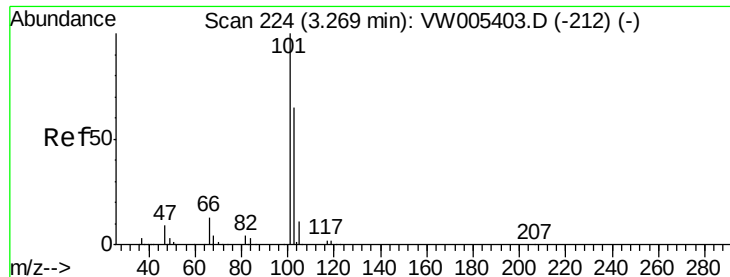
Tgt Ion: 64 Resp: 37613

Ion Ratio Lower Upper

64 100

66 33.1 25.2 37.8





#7

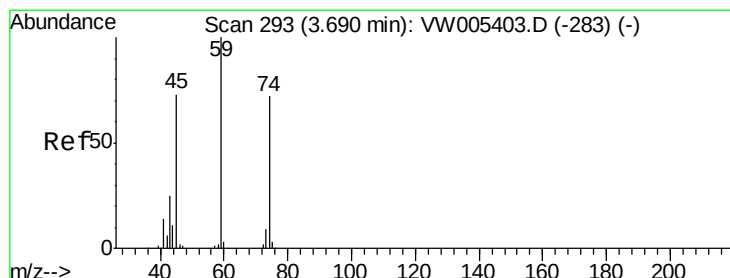
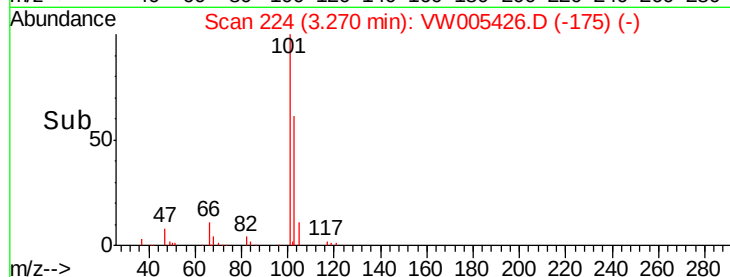
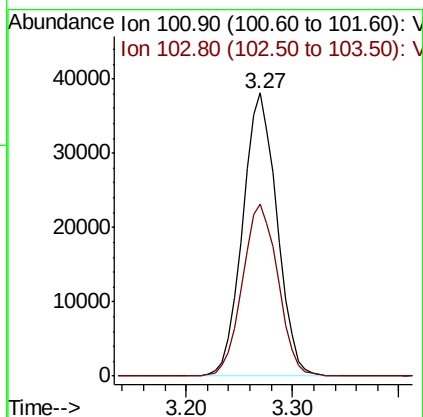
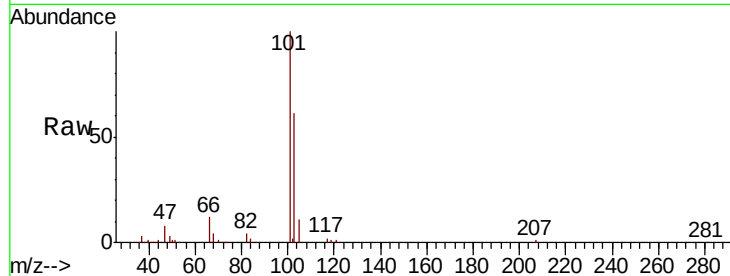
Trichlorofluoromethane
 Concen: 19.46 ug/l
 RT: 3.27 min Scan# 224
 Delta R.T. 0.00 min
 Lab File: VW005426.D
 Acq: 17 Sep 2018 12:06

Instrument :
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 VW0917SBSD01

Tot Ion	Ion	Ratio	Resp	Lower	Upper
101	100		86275		
103	60.8	51.7		77.5	

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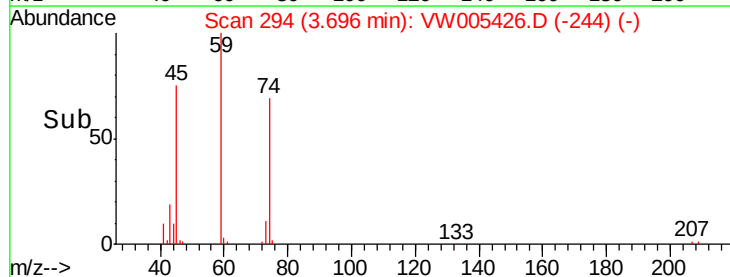
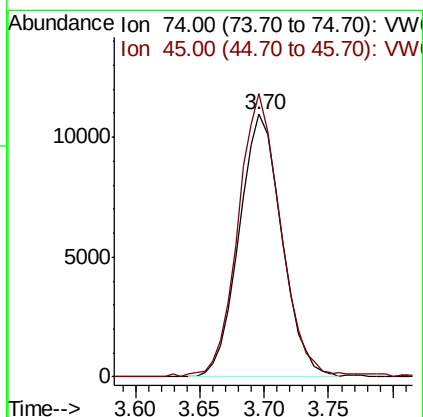
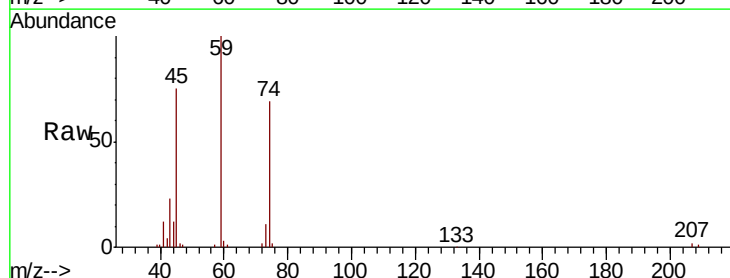
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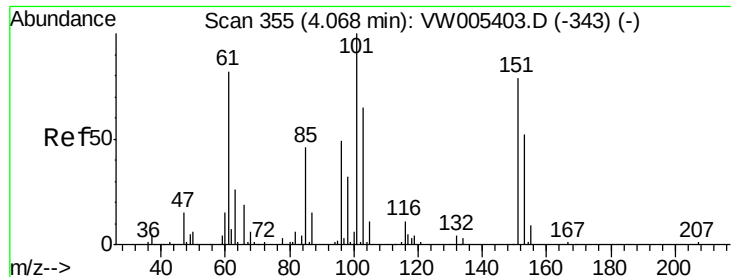


#8

Diethyl Ether
 Concen: 19.08 ug/l
 RT: 3.70 min Scan# 294
 Delta R.T. 0.01 min
 Lab File: VW005426.D
 Acq: 17 Sep 2018 12:06

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
74	100		25134		
45	107.7	53.1		159.3	





#9

1,1,2-Trichlorotrifluoroethane

Concen: 20.47 ug/l

RT: 4.07 min Scan# 355

Delta R.T. 0.01 min

Lab File: VW005426.D

Acq: 17 Sep 2018 12:06

Instrument :

MSVOA_W

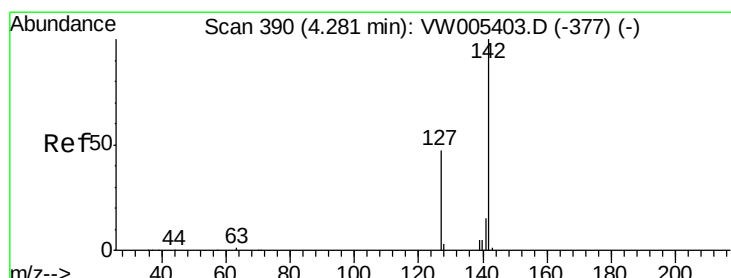
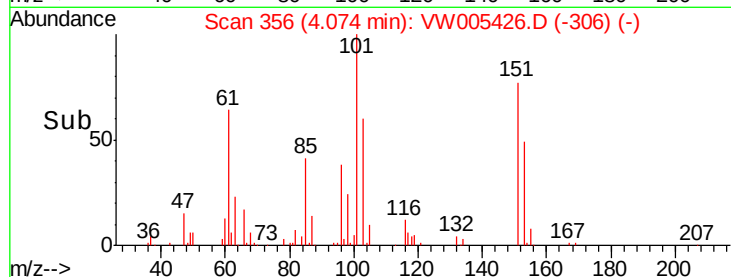
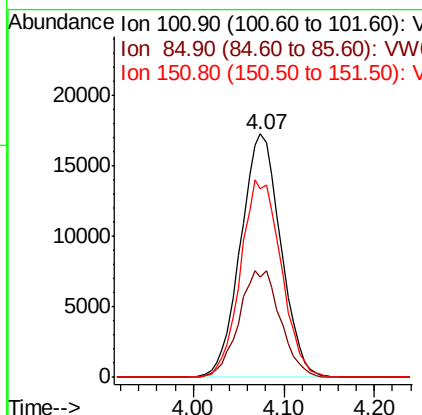
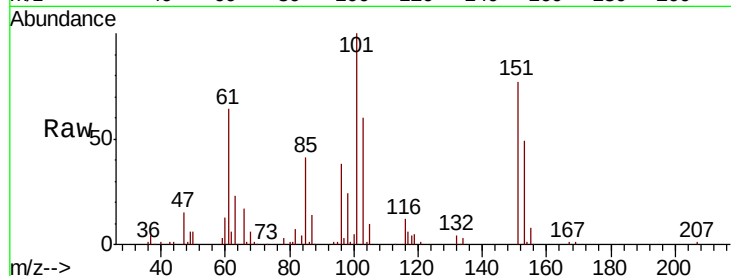
ClientSampleId :

VW0917SBS01

Tot Ion:	101	Resp:	52912
Ion Ratio	Lower	Upper	
101	100		
85	45.2	36.6	54.8
151	81.9	66.3	99.5

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#10

Methyl Iodide

Concen: 20.10 ug/l

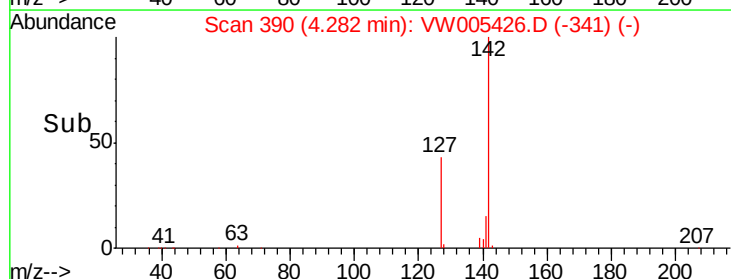
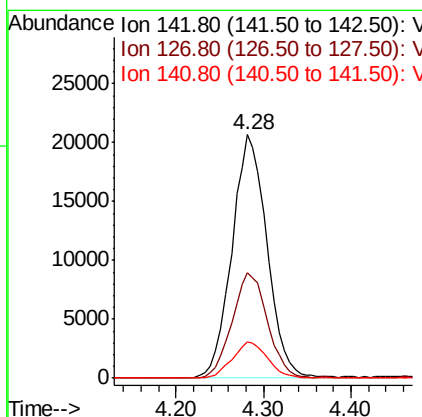
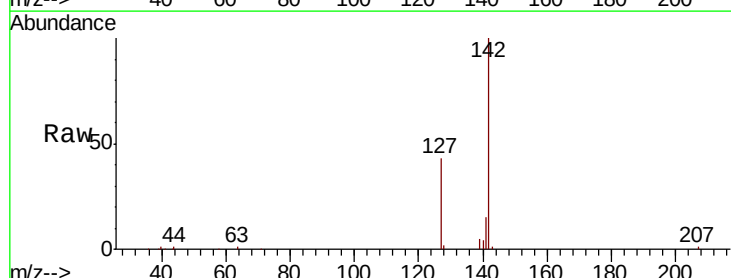
RT: 4.28 min Scan# 390

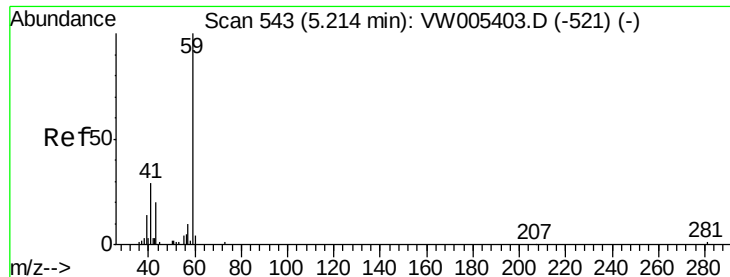
Delta R.T. 0.00 min

Lab File: VW005426.D

Acq: 17 Sep 2018 12:06

Tgt Ion:	142	Resp:	57428
Ion Ratio	Lower	Upper	
142	100		
127	43.6	37.5	56.3
141	14.8	12.4	18.6





#11

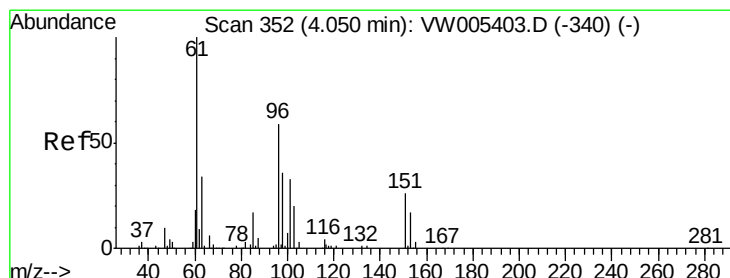
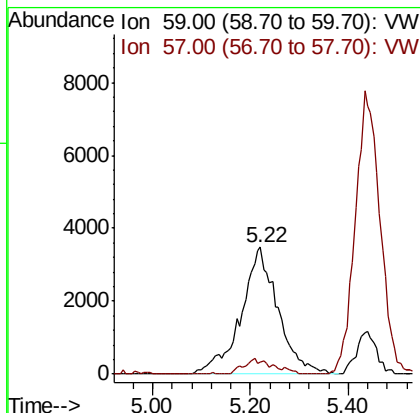
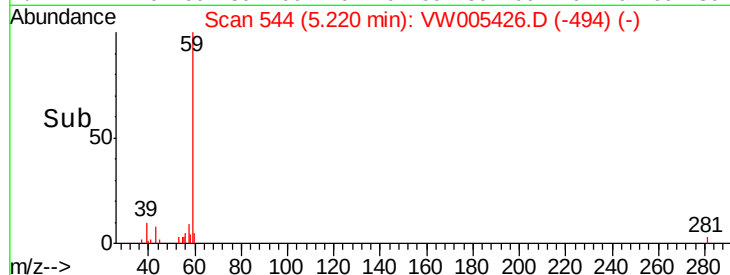
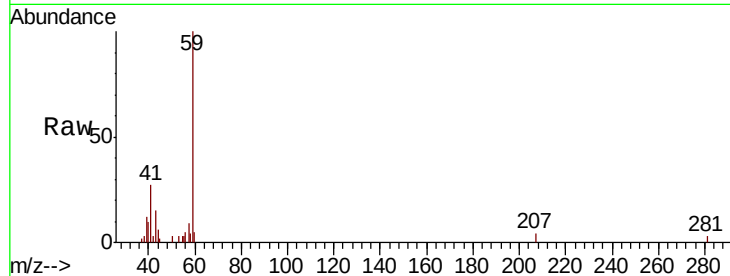
Tert butyl alcohol
 Concen: 82.97 ug/l
 RT: 5.22 min Scan# 544
 Delta R.T. 0.01 min
 Lab File: VW005426.D
 Acq: 17 Sep 2018 12:06

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0917SBS01

Tot Ion	Ratio	Lower	Upper
59	100		
57	8.6	8.6	13.0#

Manual Integrations
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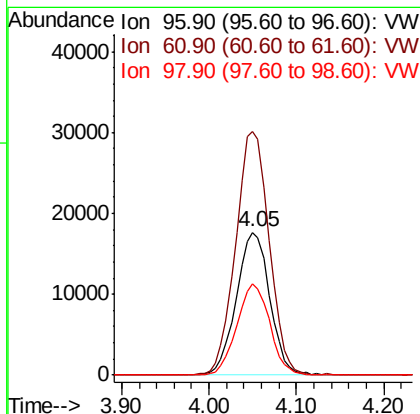
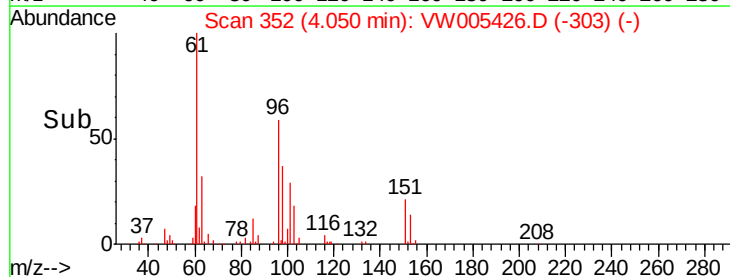
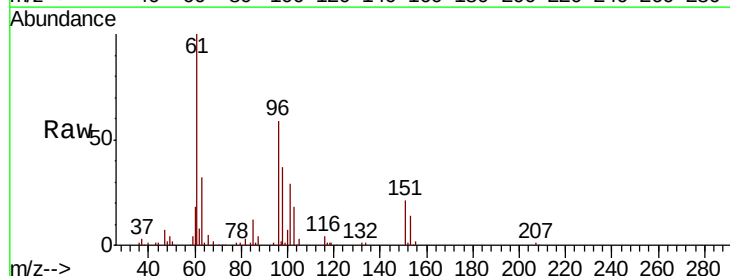
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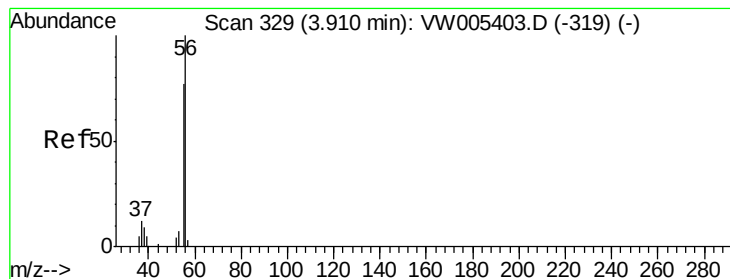


#12

1,1-Dichloroethene
 Concen: 20.02 ug/l
 RT: 4.05 min Scan# 352
 Delta R.T. 0.00 min
 Lab File: VW005426.D
 Acq: 17 Sep 2018 12:06

Tgt Ion	Ratio	Lower	Upper
96	100		
61	170.2	135.7	203.5
98	63.4	48.6	73.0





#13

Acrolein

Concen: 116.69 ug/l

RT: 3.92 min Scan# 330

Delta R.T. 0.01 min

Lab File: VW005426.D

Acq: 17 Sep 2018 12:06

Instrument :

MSVOA_W

ClientSampleId :

VW0917SBS01

Tot Ion: 56 Resp: 16104

Ion Ratio Lower Upper

56 100

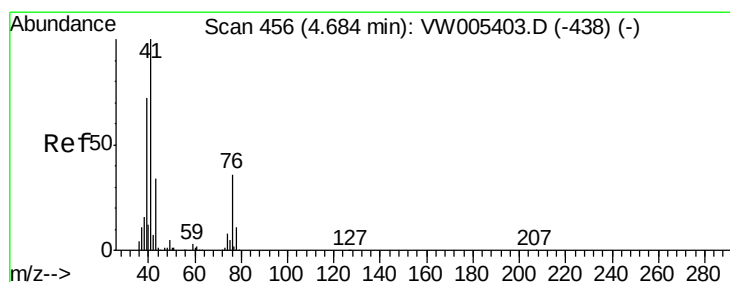
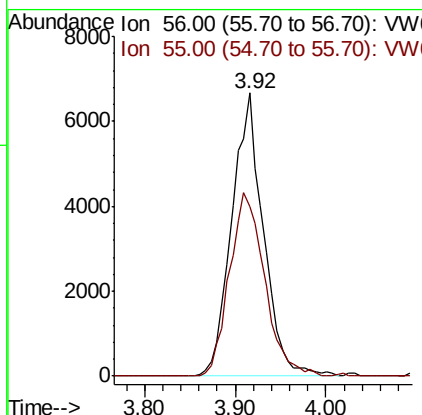
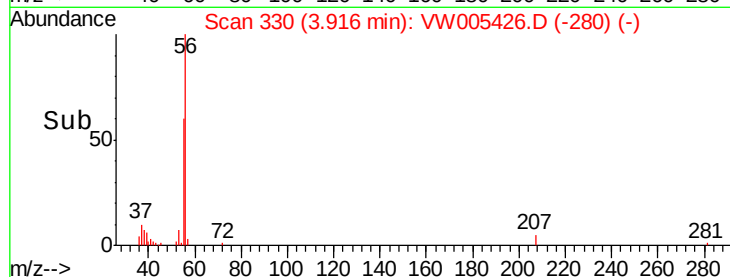
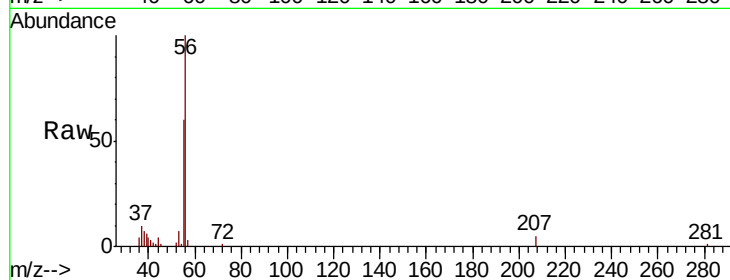
55 72.2 59.8 89.8

Manual Integrations

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#14

Allyl chloride

Concen: 20.02 ug/l

RT: 4.68 min Scan# 456

Delta R.T. 0.00 min

Lab File: VW005426.D

Acq: 17 Sep 2018 12:06

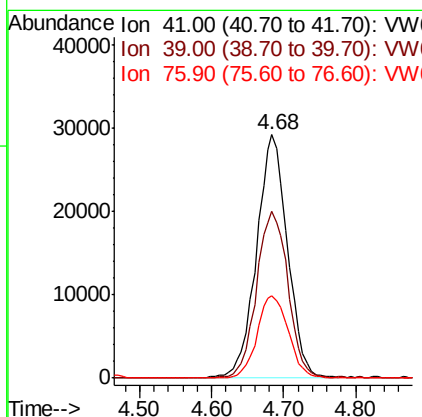
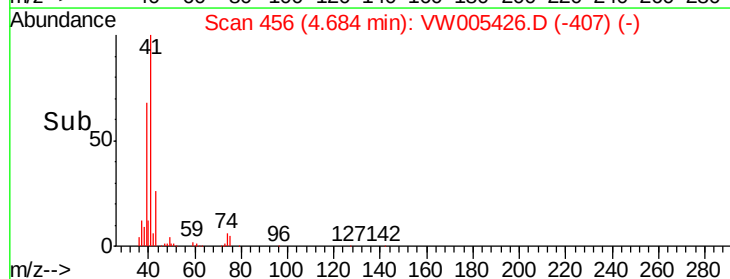
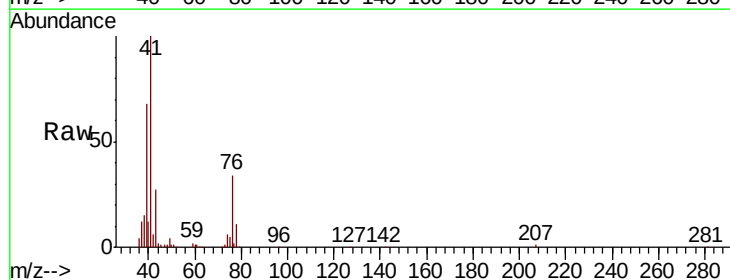
Tgt Ion: 41 Resp: 87224

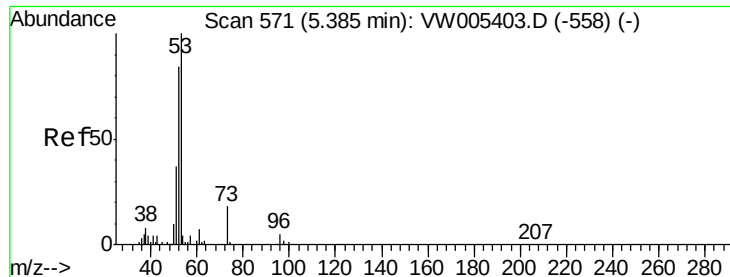
Ion Ratio Lower Upper

41 100

39 69.6 58.6 88.0

76 34.0 27.4 41.0





#15

Acrylonitrile

Concen: 91.05 ug/l

RT: 5.39 min Scan# 571

Delta R.T. 0.00 min

Lab File: VW005426.D

Acq: 17 Sep 2018 12:06

Instrument :

MSVOA_W

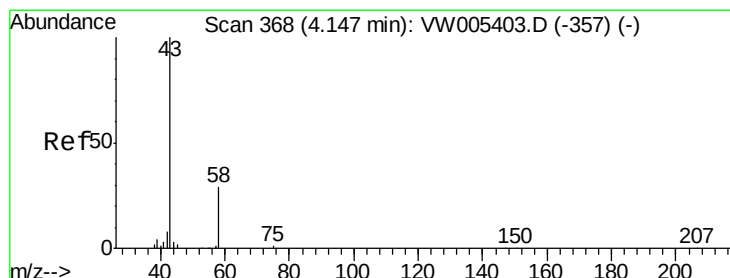
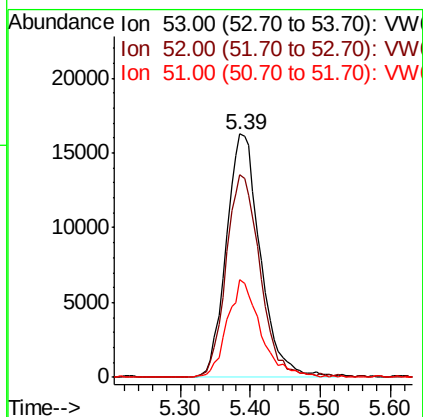
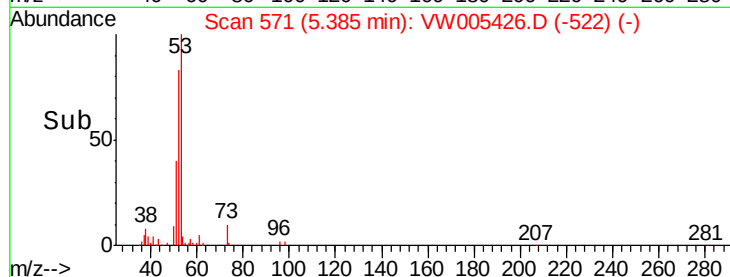
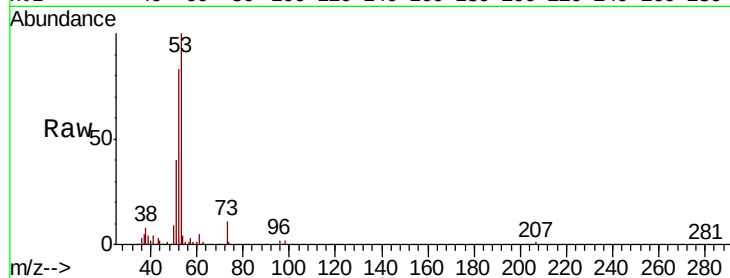
ClientSampleId :

VW0917SBS01

Tot Ion:	53	Resp:	54866
Ion Ratio	Lower	Upper	
53	100		
52	82.9	66.6	99.8
51	39.4	31.1	46.7

Manual Integrations
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#16

Acetone

Concen: 80.71 ug/l

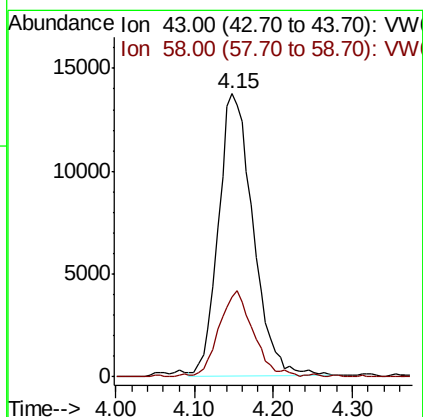
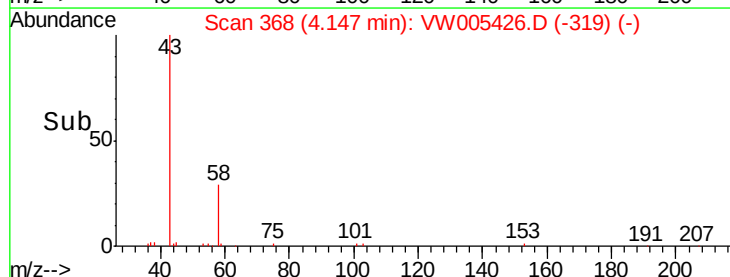
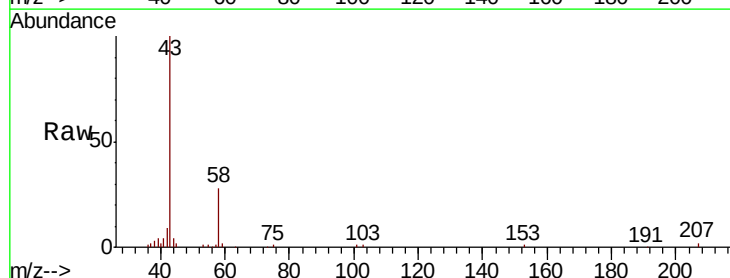
RT: 4.15 min Scan# 368

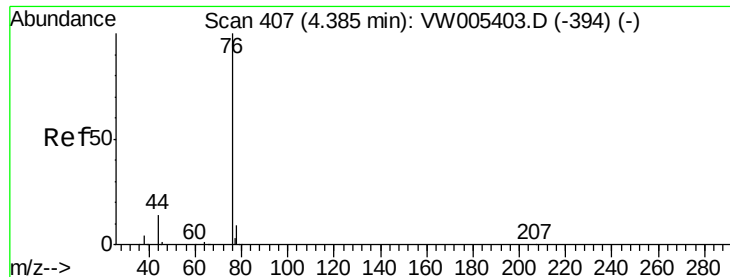
Delta R.T. 0.00 min

Lab File: VW005426.D

Acq: 17 Sep 2018 12:06

Tgt Ion:	43	Resp:	41966
Ion Ratio	Lower	Upper	
43	100		
58	28.0	22.8	34.2





#17

Carbon Disulfide

Concen: 19.27 ug/l

RT: 4.39 min Scan# 408

Delta R.T. 0.01 min

Lab File: VW005426.D

Acq: 17 Sep 2018 12:06

Instrument :

MSVOA_W

ClientSampleId :

VW0917SBSD01

Tot Ion: 76 Resp: 158913

Ion Ratio Lower Upper

76 100

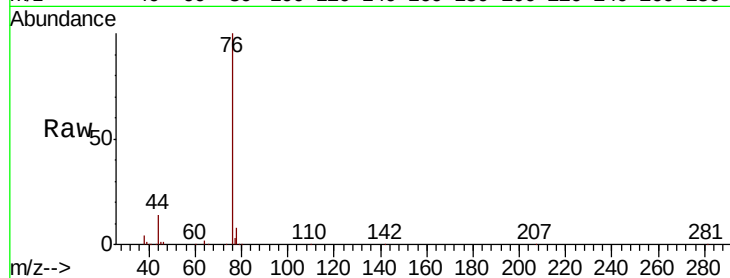
78 8.3 7.4 11.0

Manual Integrations

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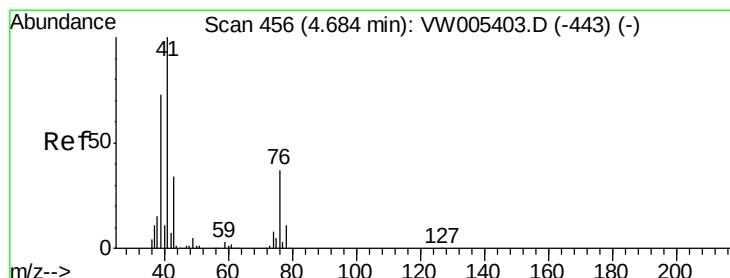
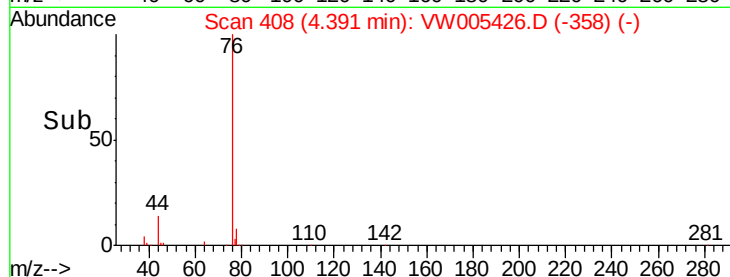
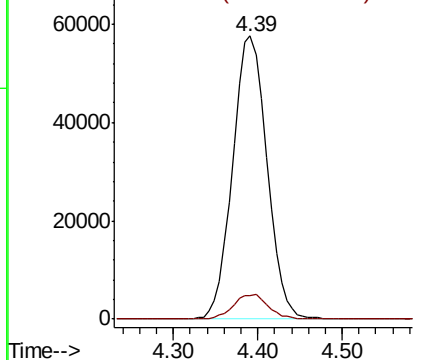
apatel

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Abundance Ion 75.90 (75.60 to 76.60): VW

Ion 77.90 (77.60 to 78.60): VW



#18

Methyl Acetate

Concen: 16.71 ug/l

RT: 4.70 min Scan# 458

Delta R.T. 0.01 min

Lab File: VW005426.D

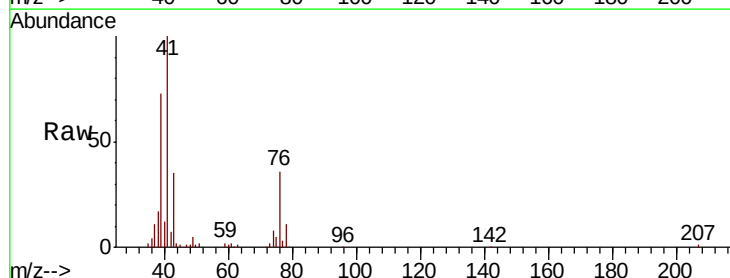
Acq: 17 Sep 2018 12:06

Tgt Ion: 43 Resp: 25218

Ion Ratio Lower Upper

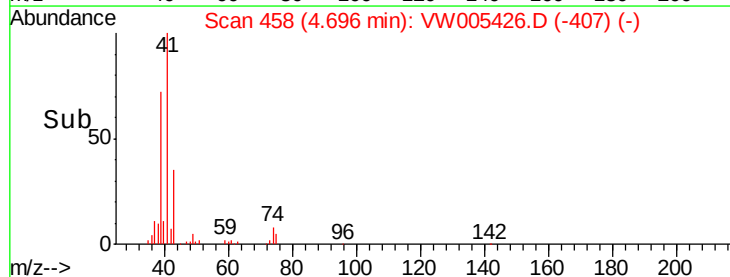
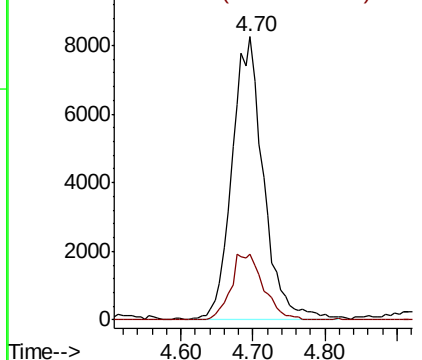
43 100

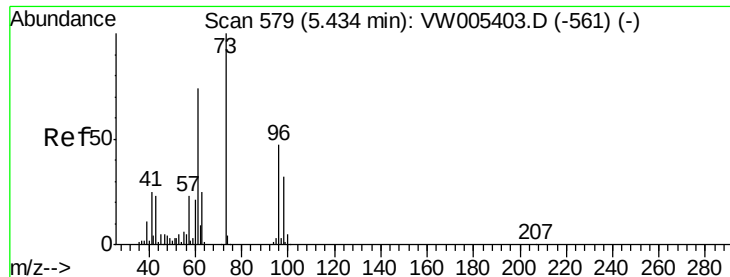
74 24.0 17.7 26.5



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 74.00 (73.70 to 74.70): VW





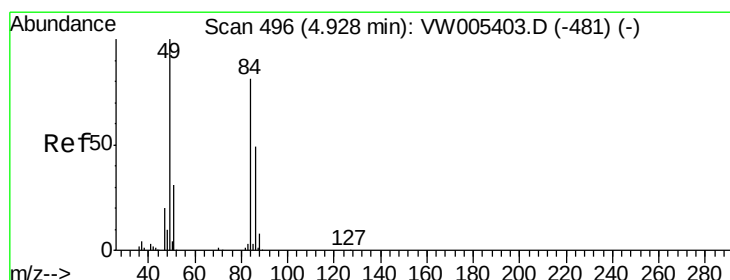
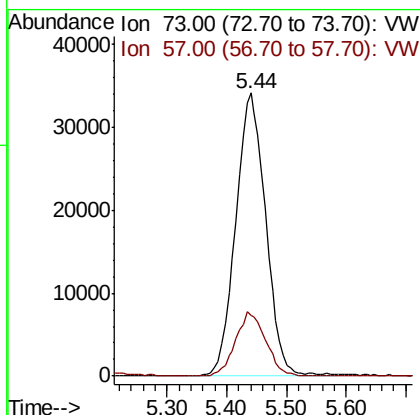
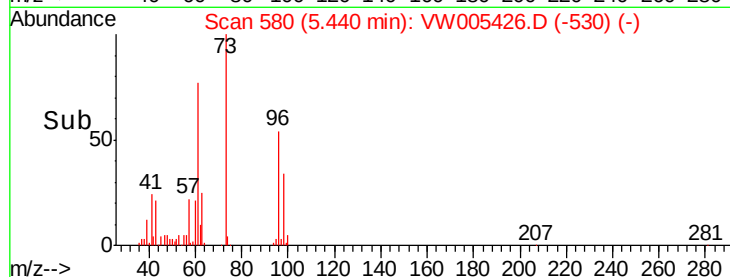
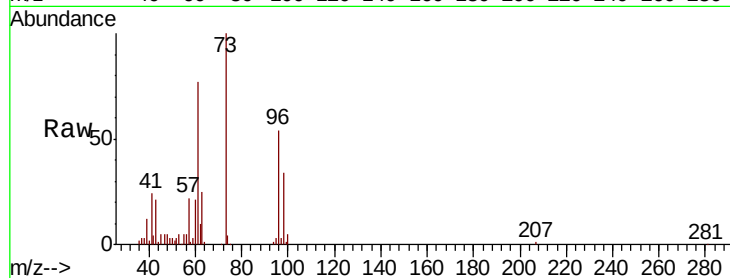
#19
Methyl tert-butyl Ether
Concen: 18.81 ug/l
RT: 5.44 min Scan# 580
Delta R.T. 0.01 min
Lab File: VW005426.D
Acq: 17 Sep 2018 12:06

Instrument :
MSVOA_W
ClientSampleId :
VW0917SBS01

Tot Ion: 73 Resp: 119576
Ion Ratio Lower Upper
73 100
57 21.5 18.6 28.0

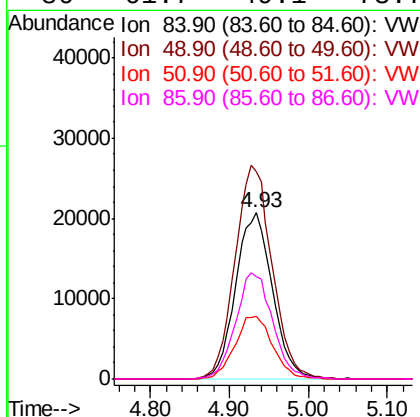
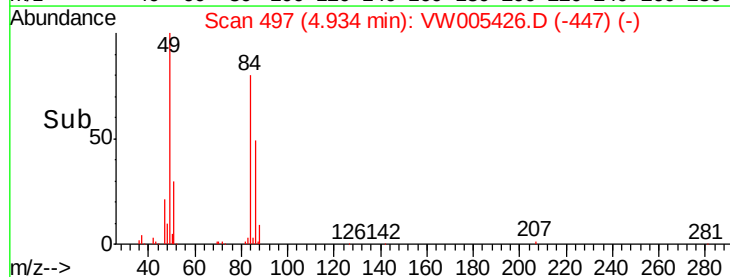
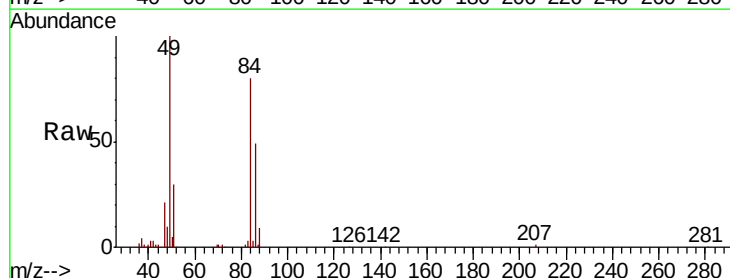
Manual Integrations
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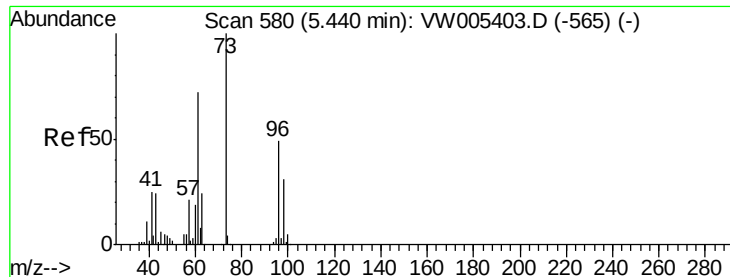
apatel
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#20
Methylene Chloride
Concen: 17.84 ug/l
RT: 4.93 min Scan# 497
Delta R.T. 0.01 min
Lab File: VW005426.D
Acq: 17 Sep 2018 12:06

Tgt Ion: 84 Resp: 67110
Ion Ratio Lower Upper
84 100
49 124.7 99.3 148.9
51 37.8 31.1 46.7
86 61.7 49.1 73.7





#21

trans-1,2-Dichloroethene

Concen: 19.19 ug/l

RT: 5.44 min Scan# 580

Delta R.T. 0.00 min

Lab File: VW005426.D

Acq: 17 Sep 2018 12:06

Instrument :

MSVOA_W

ClientSampled :

VW0917SBS01

Tot Ion: 96 Resp: 53653

Ion Ratio Lower Upper

96 100

61 141.6 116.7 175.1

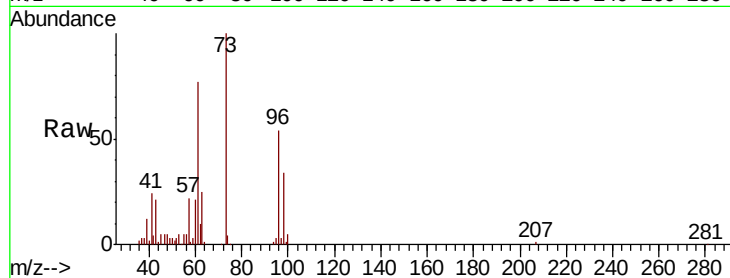
98 62.5 51.0 76.6

Manual Integrations

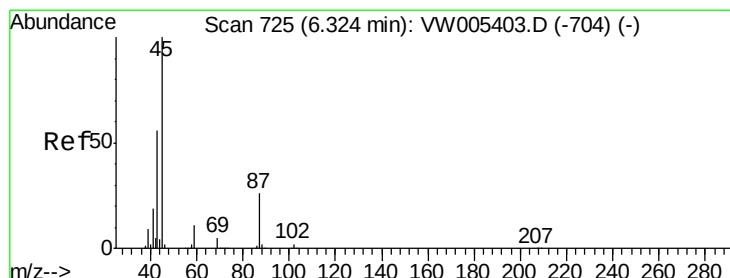
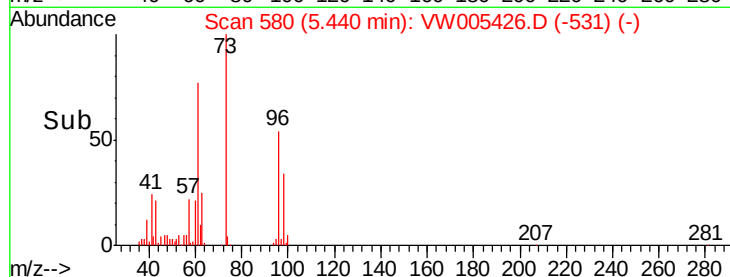
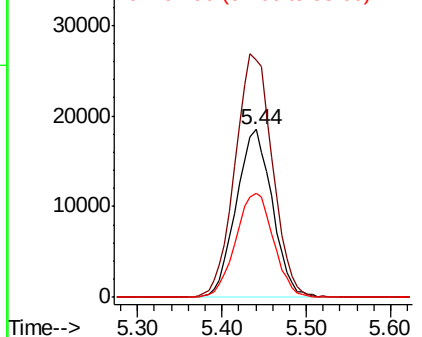
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Abundance Ion 95.90 (95.60 to 96.60): VW
Ion 60.90 (60.60 to 61.60): VW
Ion 97.90 (97.60 to 98.60): VW



#22

Diisopropyl ether

Concen: 19.83 ug/l

RT: 6.32 min Scan# 725

Delta R.T. 0.00 min

Lab File: VW005426.D

Acq: 17 Sep 2018 12:06

Tgt Ion: 45 Resp: 169803

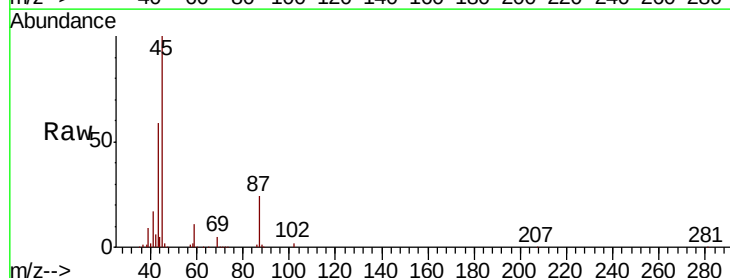
Ion Ratio Lower Upper

45 100

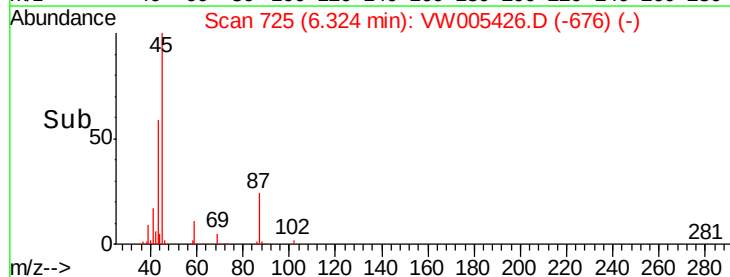
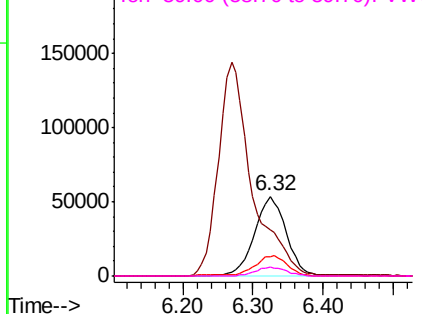
43 57.9 44.6 67.0

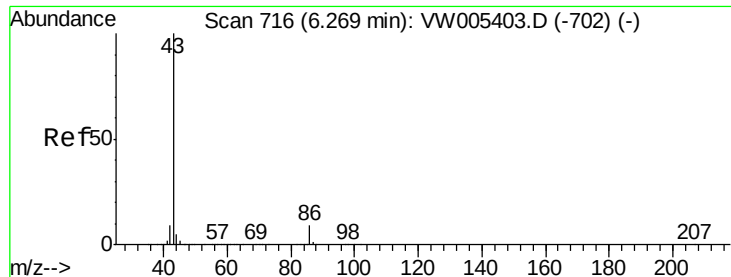
87 23.8 20.6 31.0

59 10.4 8.9 13.3



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





#23

Vinyl Acetate

Concen: 98.81 ug/l

RT: 6.27 min Scan# 716

Delta R.T. 0.00 min

Lab File: VW005426.D

Acq: 17 Sep 2018 12:06

Instrument :

MSVOA_W

ClientSampleId :

VW0917SBS01

Tot Ion: 43 Resp: 482148

Ion Ratio Lower Upper

43 100

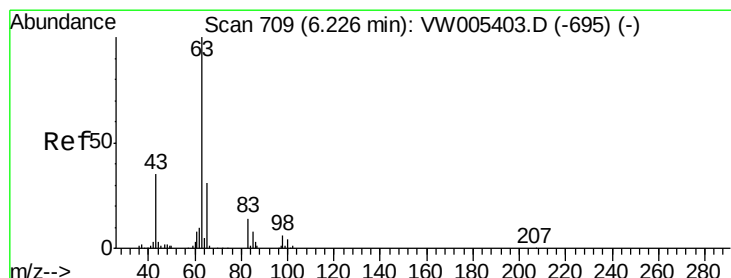
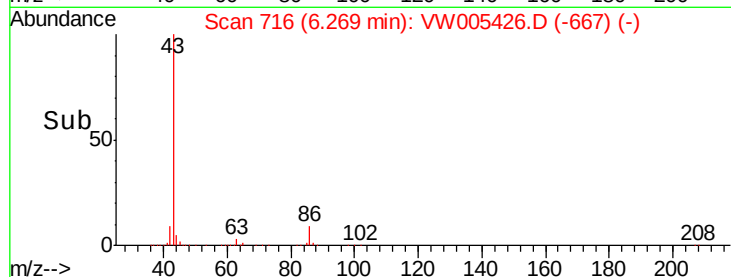
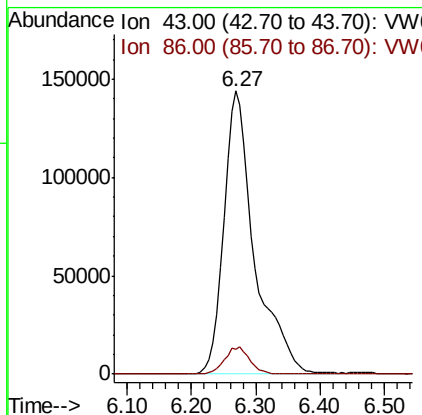
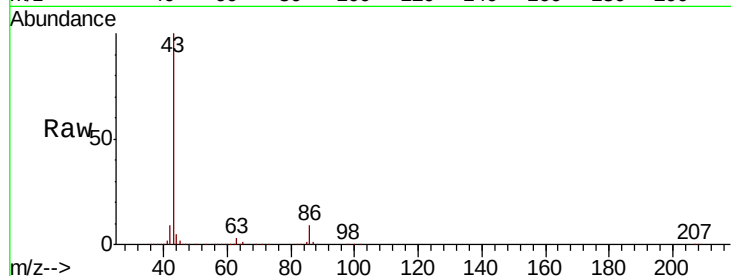
86 9.0 7.5 11.3

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#24

1,1-Dichloroethane

Concen: 19.02 ug/l

RT: 6.23 min Scan# 709

Delta R.T. 0.00 min

Lab File: VW005426.D

Acq: 17 Sep 2018 12:06

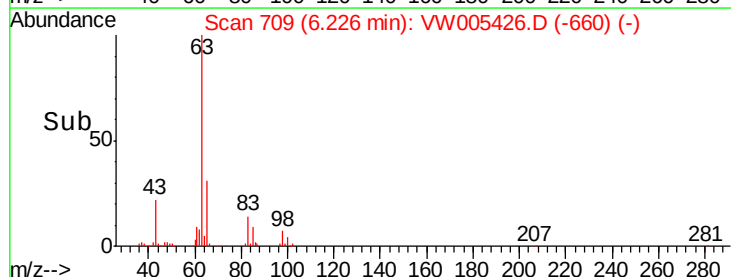
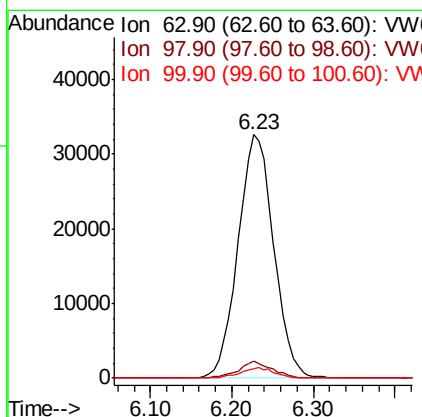
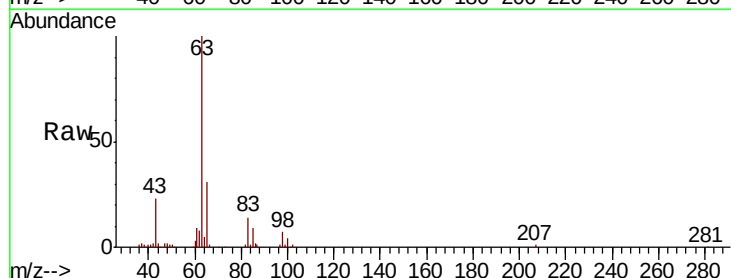
Tgt Ion: 63 Resp: 98854

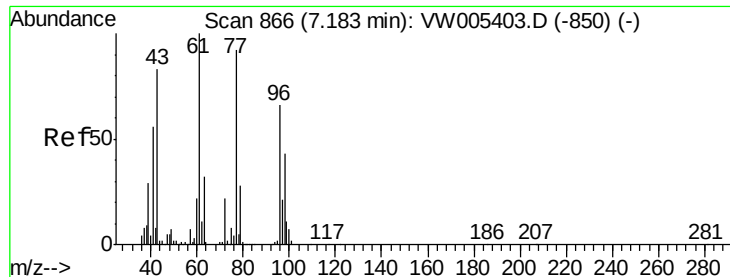
Ion Ratio Lower Upper

63 100

98 6.7 2.9 8.8

100 3.7 2.3 6.8





#25

2-Butanone

Concen: 93.14 ug/l

RT: 7.19 min Scan# 867

Delta R.T. 0.01 min

Lab File: VW005426.D

Acq: 17 Sep 2018 12:06

Instrument :

MSVOA_W

ClientSampleId :

VW0917SBS01

Tot Ion: 43 Resp: 70375

Ion Ratio Lower Upper

43 100

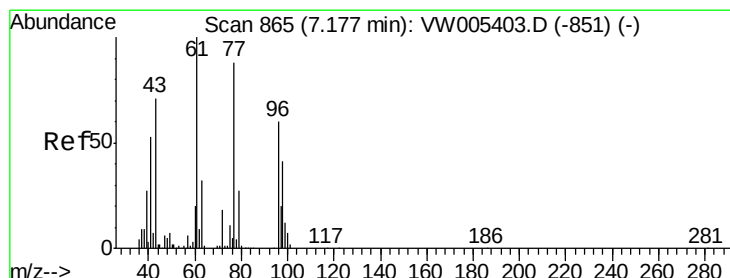
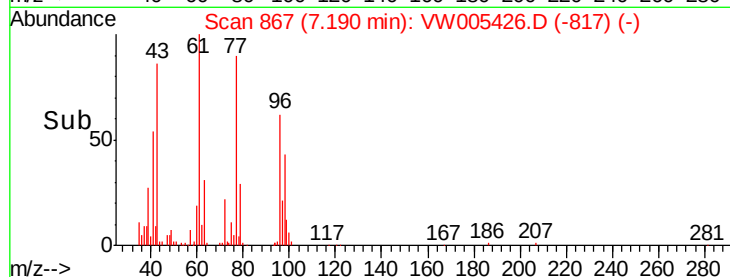
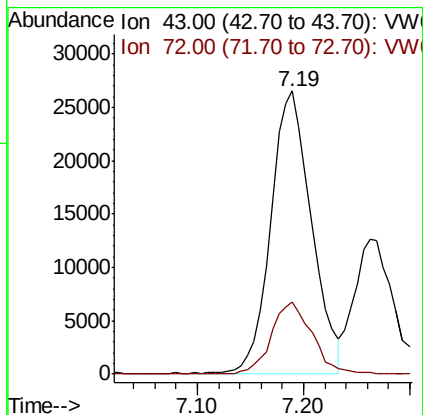
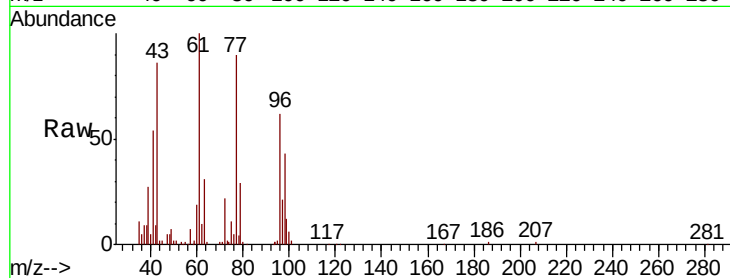
72 25.3 21.1 31.7

Manual Integrations

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#26

2,2-Dichloropropane

Concen: 20.72 ug/l

RT: 7.18 min Scan# 865

Delta R.T. 0.00 min

Lab File: VW005426.D

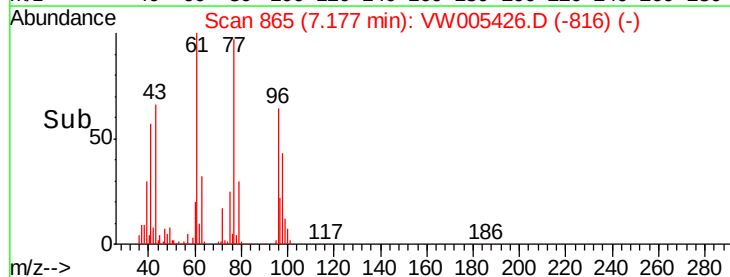
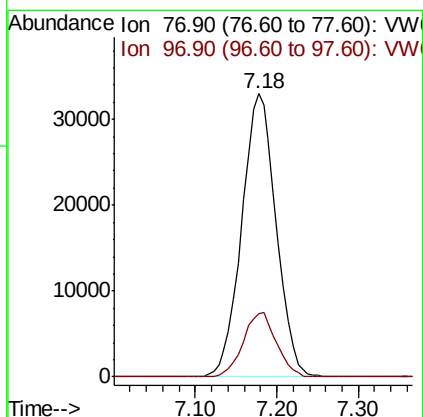
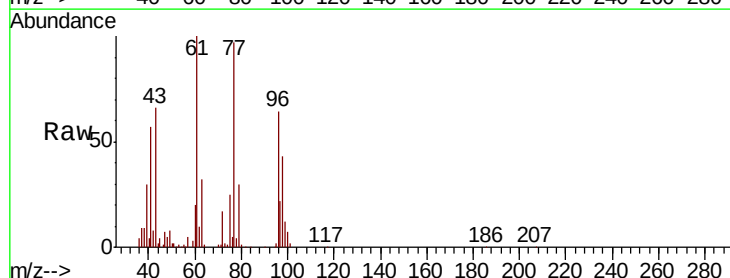
Acq: 17 Sep 2018 12:06

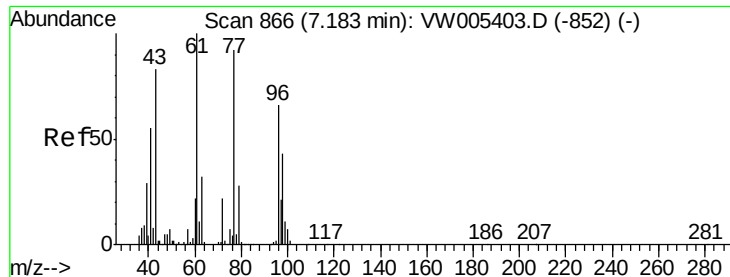
Tgt Ion: 77 Resp: 96594

Ion Ratio Lower Upper

77 100

97 21.9 10.7 32.1





#27

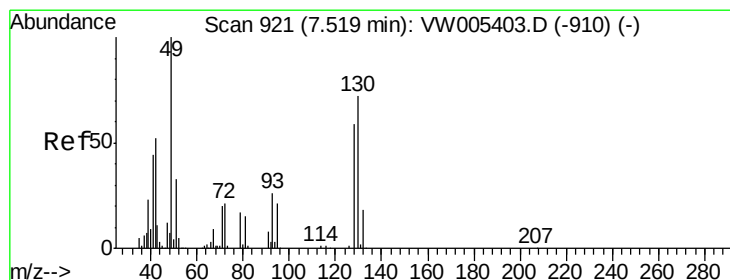
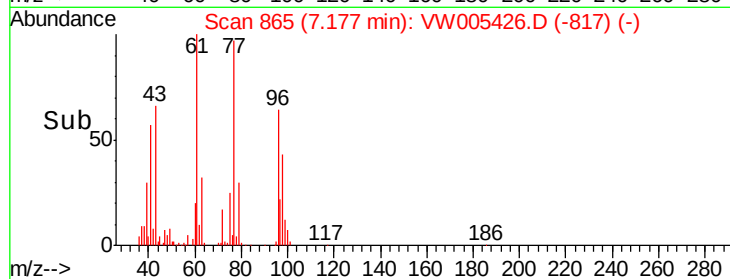
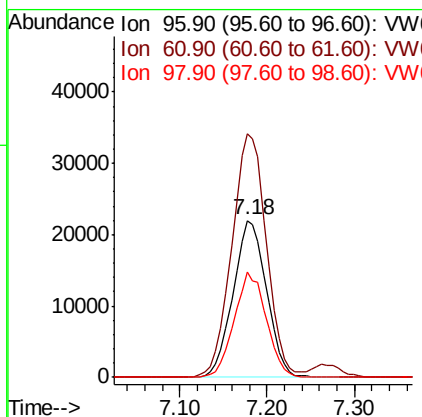
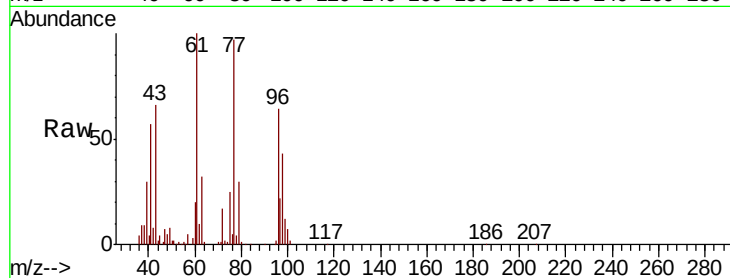
cis-1,2-Dichloroethene
 Concen: 19.16 ug/l
 RT: 7.18 min Scan# 865
 Delta R.T. -0.01 min
 Lab File: VW005426.D
 Acq: 17 Sep 2018 12:06

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0917SBS01

Tot Ion	Ratio	Lower	Upper
96	100		
61	160.5	0.0	316.0
98	64.4	0.0	130.8

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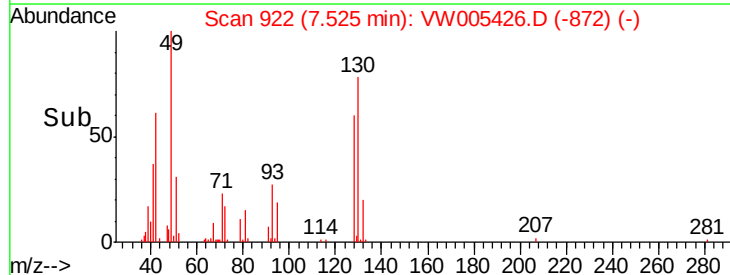
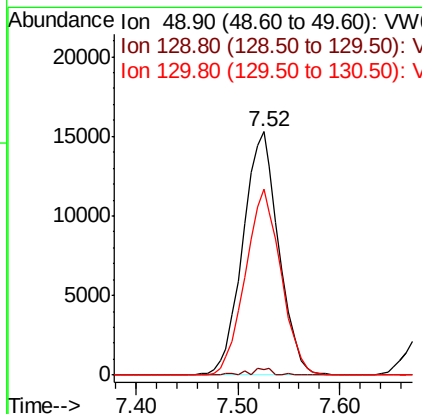
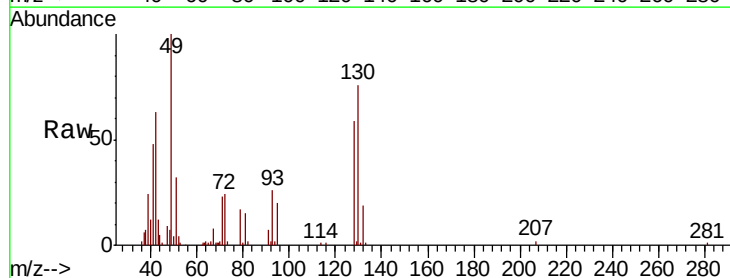
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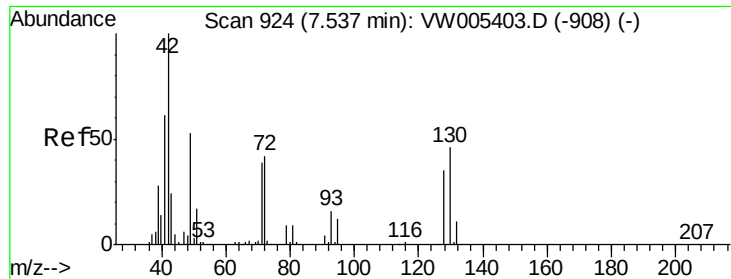


#28

Bromochloromethane
 Concen: 18.46 ug/l
 RT: 7.52 min Scan# 922
 Delta R.T. 0.01 min
 Lab File: VW005426.D
 Acq: 17 Sep 2018 12:06

Tgt Ion	Ratio	Lower	Upper
49	100		
129	1.6	0.0	1.0#
130	75.9	61.4	92.2





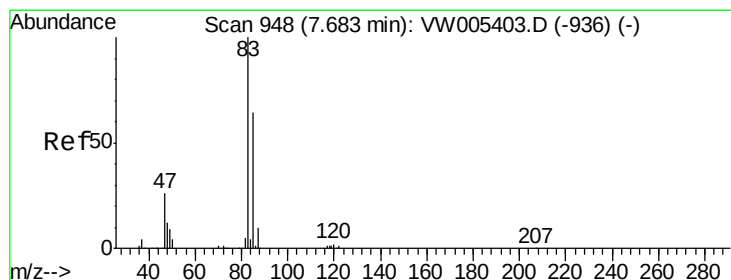
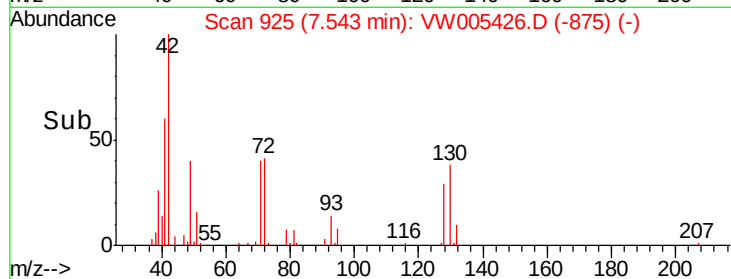
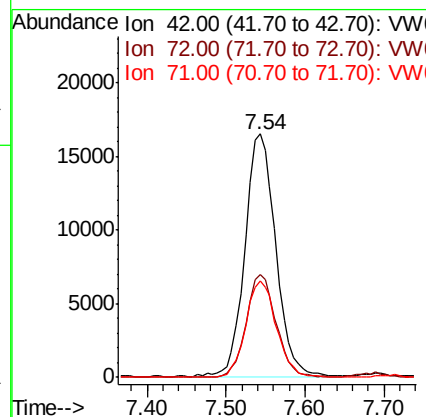
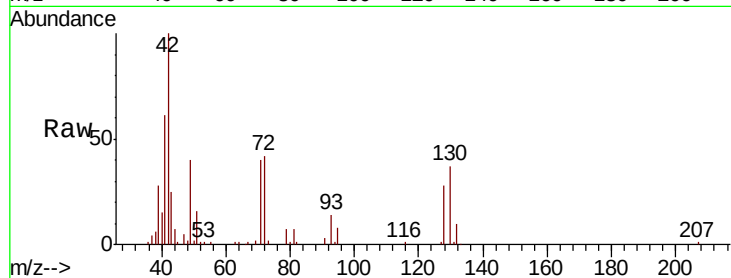
#29
Tetrahydrofuran
Concen: 94.27 ug/l
RT: 7.54 min Scan# 925
Delta R.T. 0.01 min
Lab File: VW005426.D
Acq: 17 Sep 2018 12:06

Instrument :
MSVOA_W
ClientSampleId :
VW0917SBS01

Tot Ion:	42	Resp:	45378
Ion	Ratio	Lower	Upper
42	100		
72	40.7	33.2	49.8
71	39.0	31.0	46.6

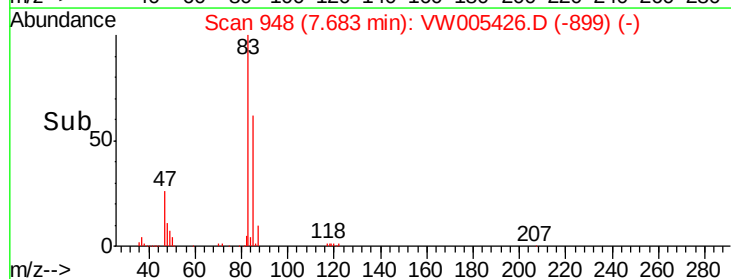
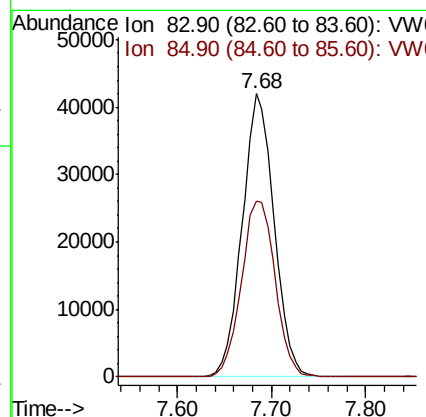
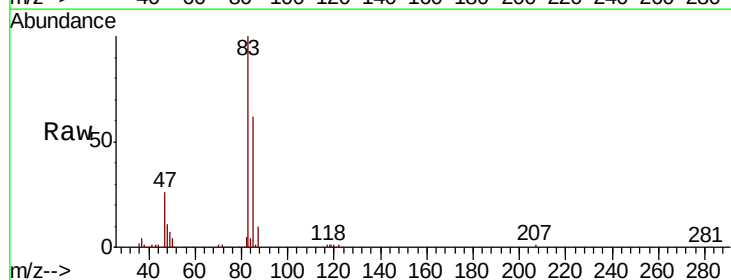
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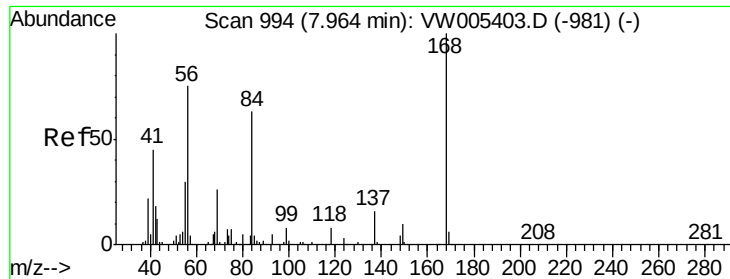
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#30
Chloroform
Concen: 18.45 ug/l
RT: 7.68 min Scan# 948
Delta R.T. 0.00 min
Lab File: VW005426.D
Acq: 17 Sep 2018 12:06

Tgt Ion:	83	Resp:	99271
Ion	Ratio	Lower	Upper
83	100		
85	62.0	51.5	77.3





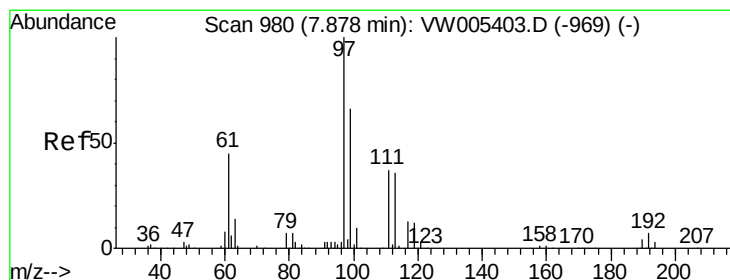
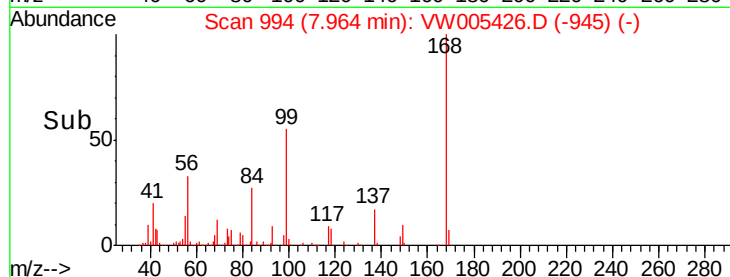
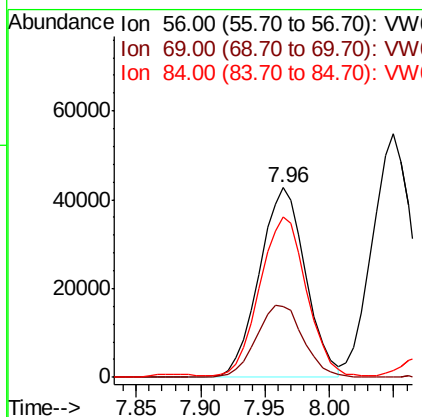
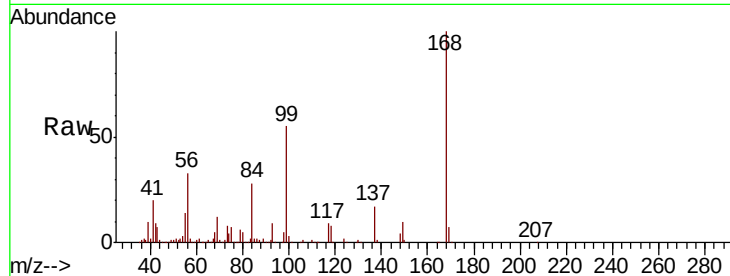
#31
Cyclohexane
Concen: 21.23 ug/l
RT: 7.96 min Scan# 994
Delta R.T. 0.00 min
Lab File: VW005426.D
Acq: 17 Sep 2018 12:06

Instrument :
MSVOA_W
ClientSampleId :
VW0917SBSD01

Tot Ion	Ratio	Lower	Upper
56	100		
69	37.5	27.2	40.8
84	82.9	66.7	100.1

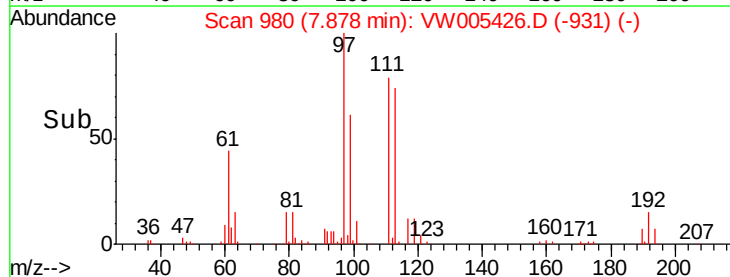
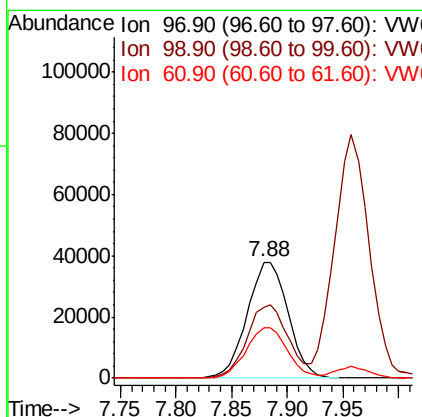
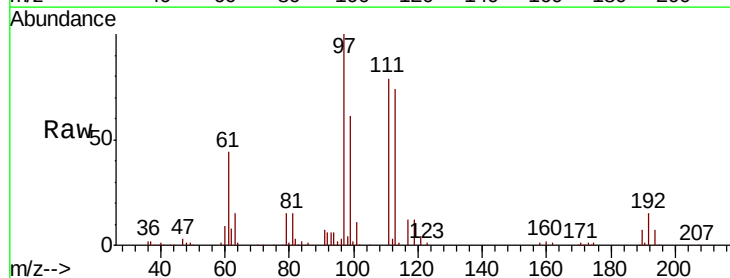
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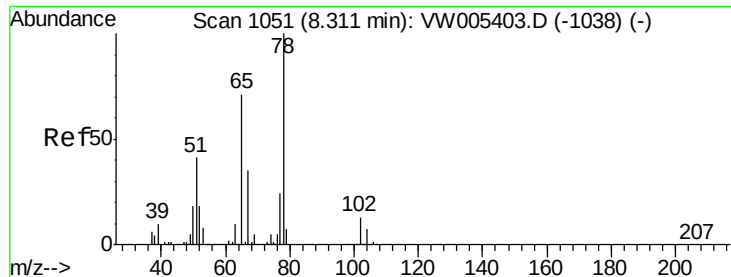
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#32
1,1,1-Trichloroethane
Concen: 19.37 ug/l
RT: 7.88 min Scan# 980
Delta R.T. 0.00 min
Lab File: VW005426.D
Acq: 17 Sep 2018 12:06

Tgt Ion	Ratio	Lower	Upper
97	100		
99	64.3	51.5	77.3
61	44.6	35.8	53.6





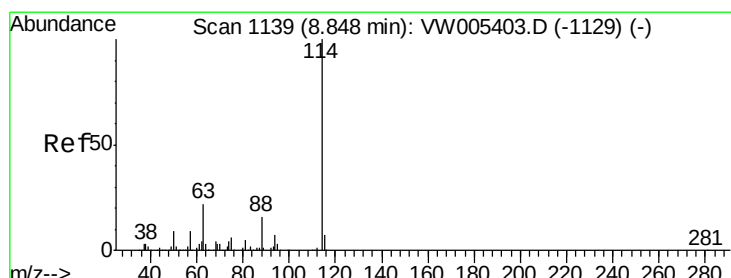
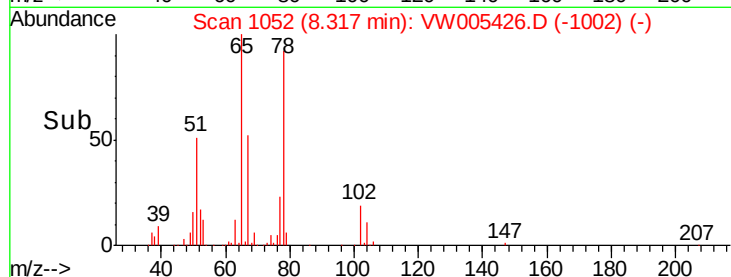
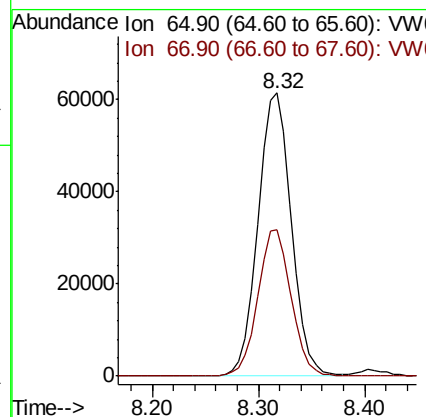
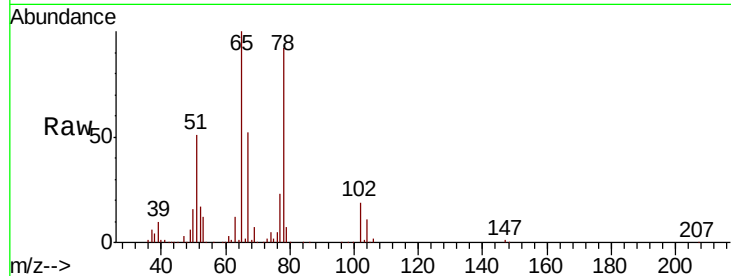
#33
 1,2-Dichloroethane-d4
 Concen: 42.92 ug/l
 RT: 8.32 min Scan# 1052
 Delta R.T. 0.01 min
 Lab File: VW005426.D
 Acq: 17 Sep 2018 12:06

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0917SBSD01

Tot Ion	Ratio	Resp	Lower	Upper
65	100	134818		
67	51.9	0.0	100.6	

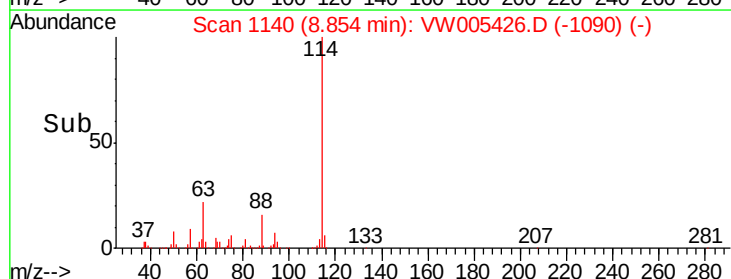
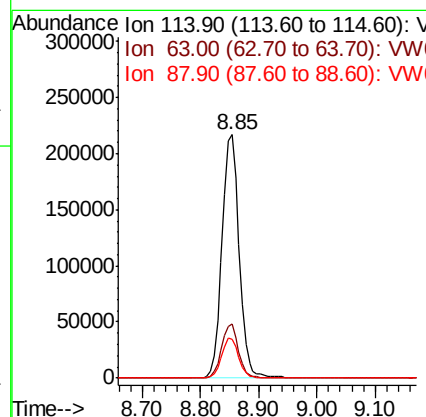
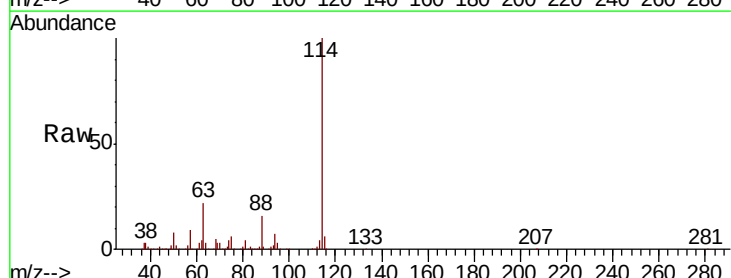
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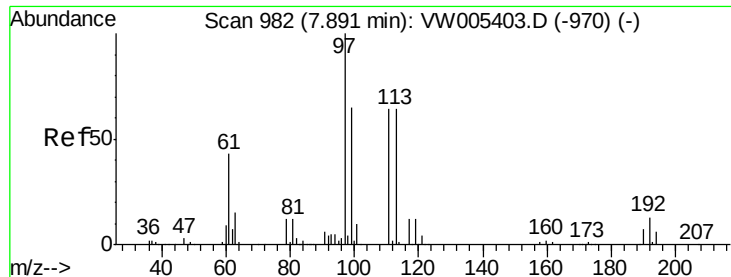
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#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.85 min Scan# 1140
 Delta R.T. 0.01 min
 Lab File: VW005426.D
 Acq: 17 Sep 2018 12:06

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	442322		
63	22.0	0.0	43.4	
88	16.1	0.0	31.8	





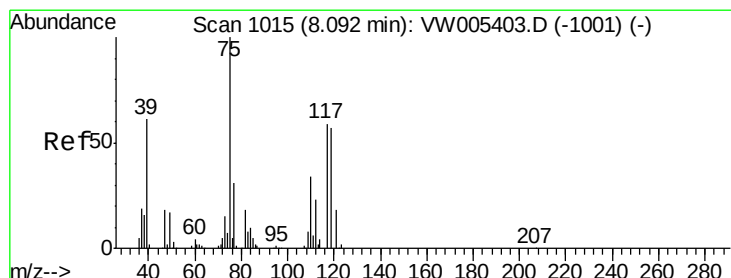
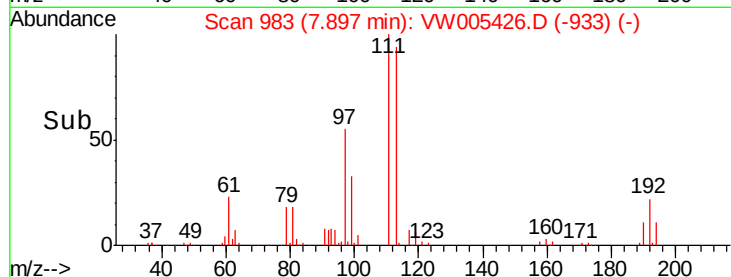
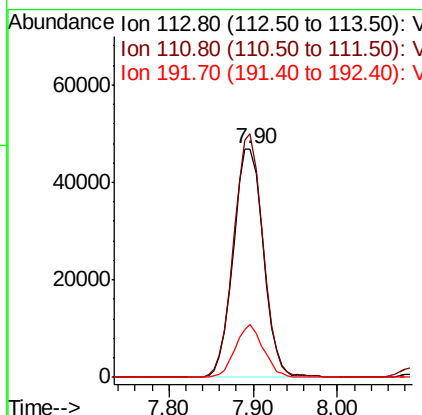
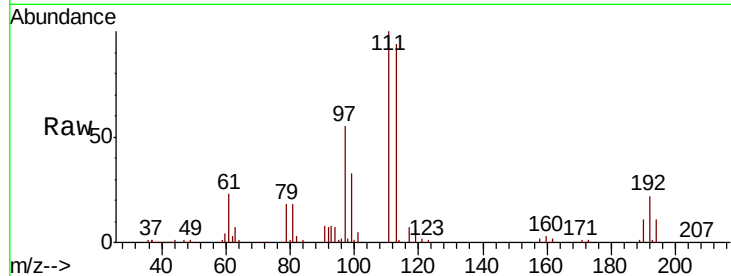
#35
 Dibromofluoromethane
 Concen: 45.57 ug/l
 RT: 7.90 min Scan# 983
 Delta R.T. 0.01 min
 Lab File: VW005426.D
 Acq: 17 Sep 2018 12:06

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0917SBSD01

Tot Ion	Ratio	Resp	Lower	Upper
113	100	113009		
111	103.3	82.3	123.5	
192	21.3	16.5	24.7	

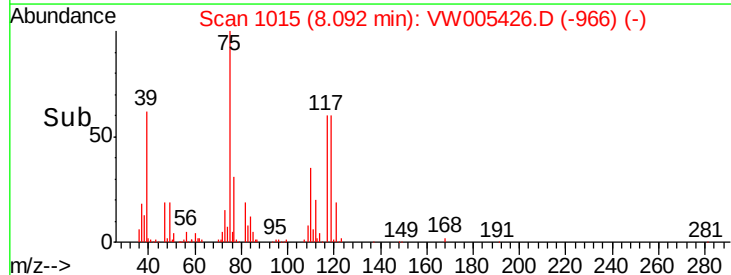
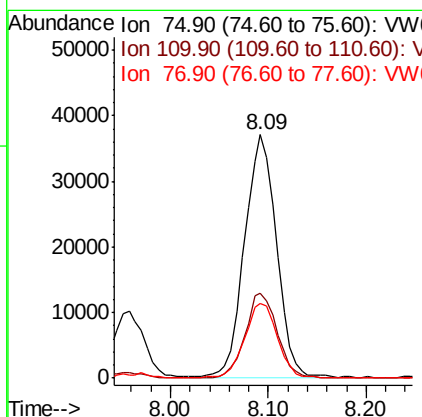
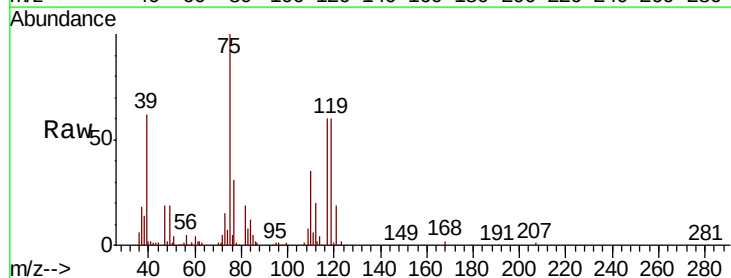
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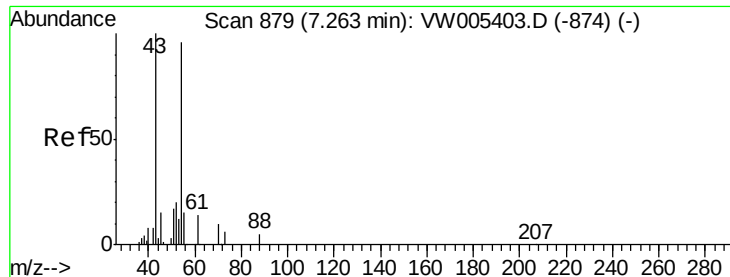
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#36
 1,1-Dichloropropene
 Concen: 20.06 ug/l
 RT: 8.09 min Scan# 1015
 Delta R.T. 0.00 min
 Lab File: VW005426.D
 Acq: 17 Sep 2018 12:06

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	83977		
110	34.8	16.8	50.4	
77	31.8	24.2	36.4	





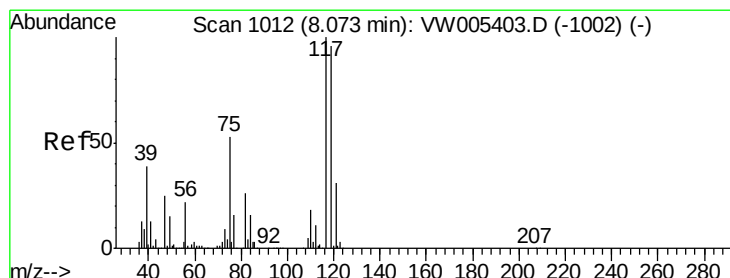
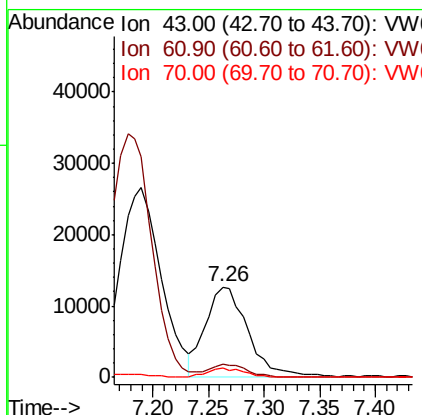
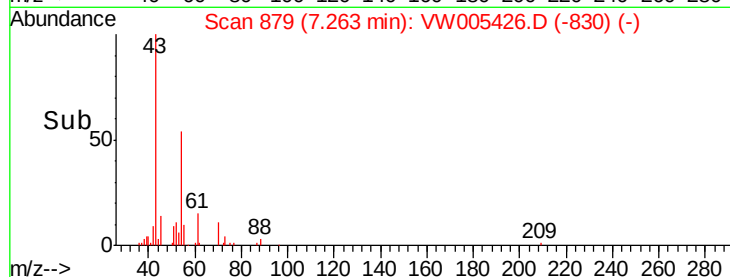
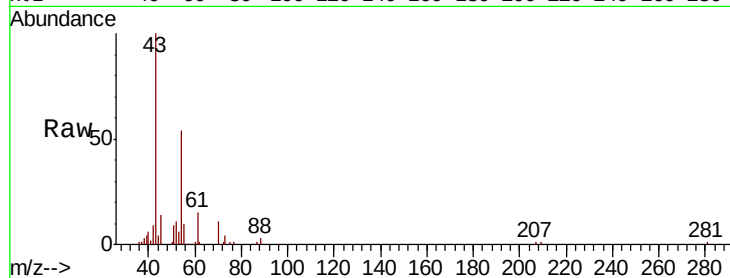
#37
Ethyl Acetate
Concen: 19.42 ug/l
RT: 7.26 min Scan# 879
Delta R.T. 0.00 min
Lab File: VW005426.D
Acq: 17 Sep 2018 12:06

Instrument :
MSVOA_W
ClientSampleId :
VW0917SBS01

Tot Ion	Ratio	Lower	Upper
43	100		
61	13.2	11.3	16.9
70	9.4	8.2	12.4

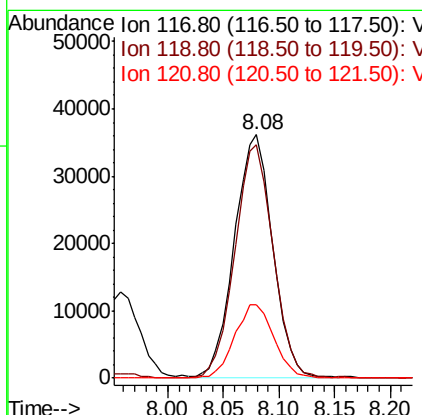
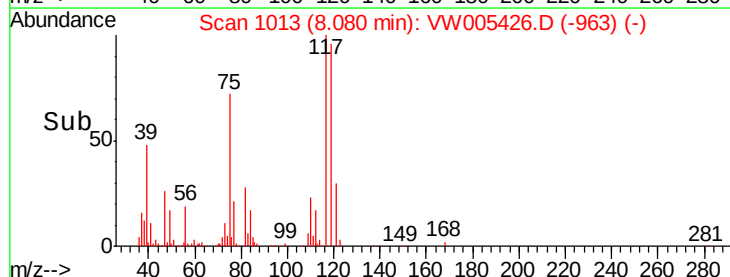
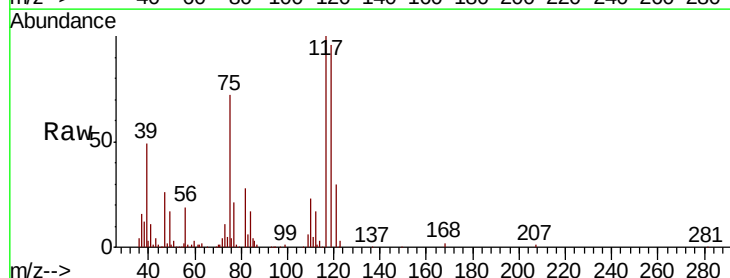
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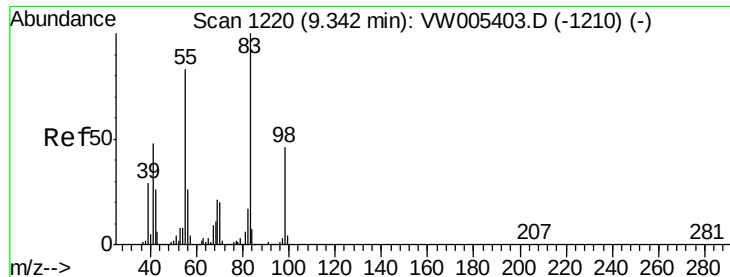
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#38
Carbon Tetrachloride
Concen: 19.72 ug/l
RT: 8.08 min Scan# 1013
Delta R.T. 0.01 min
Lab File: VW005426.D
Acq: 17 Sep 2018 12:06

Tgt Ion	Ratio	Lower	Upper
117	100		
119	95.9	76.8	115.2
121	30.2	24.7	37.1





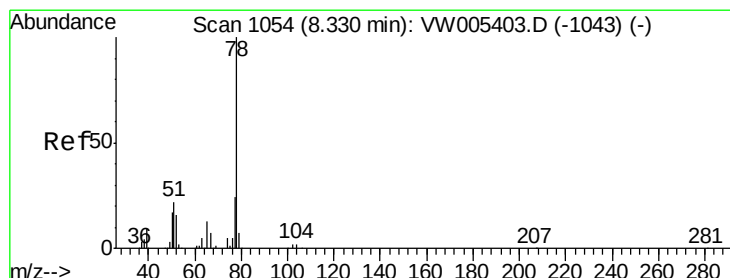
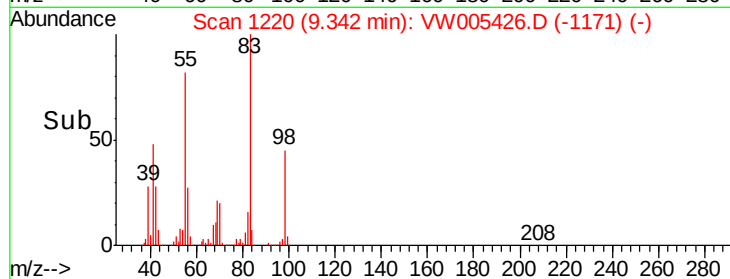
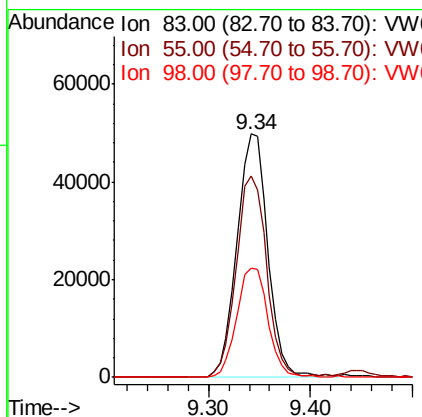
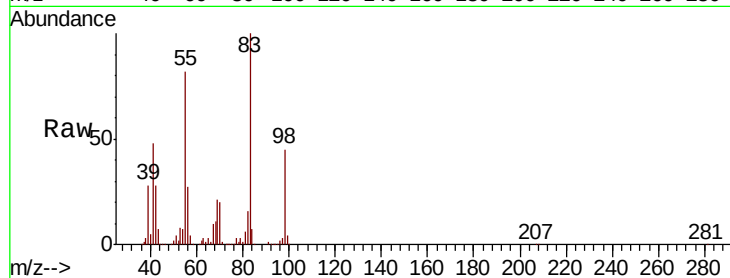
#39
Methylvlcyclohexane
Concen: 21.53 ug/l
RT: 9.34 min Scan# 1220
Delta R.T. 0.00 min
Lab File: VW005426.D
Acq: 17 Sep 2018 12:06

Instrument :
MSVOA_W
ClientSampleId :
VW0917SBSD01

Tot Ion	Ratio	Resp	Lower	Upper
83	100			
55	82.5	66.1	99.1	
98	44.8	36.7	55.1	

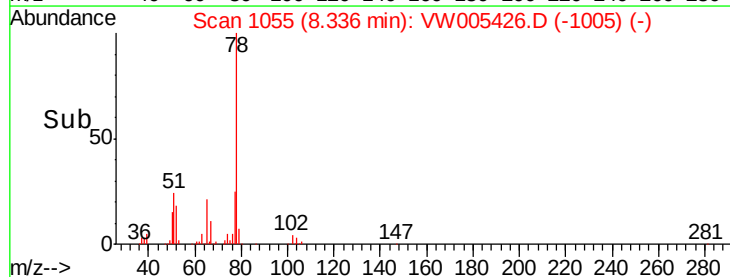
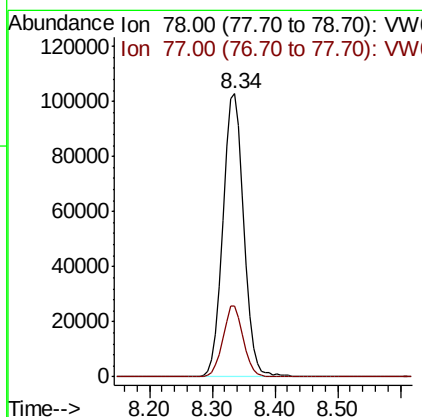
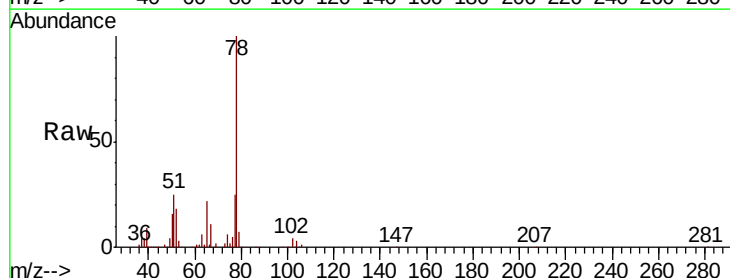
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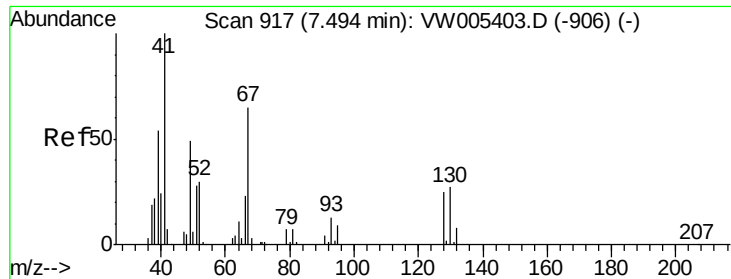
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#40
Benzene
Concen: 19.54 ug/l
RT: 8.34 min Scan# 1055
Delta R.T. 0.01 min
Lab File: VW005426.D
Acq: 17 Sep 2018 12:06

Tgt Ion	Ratio	Resp	Lower	Upper
78	100			
77	25.1	19.3	28.9	





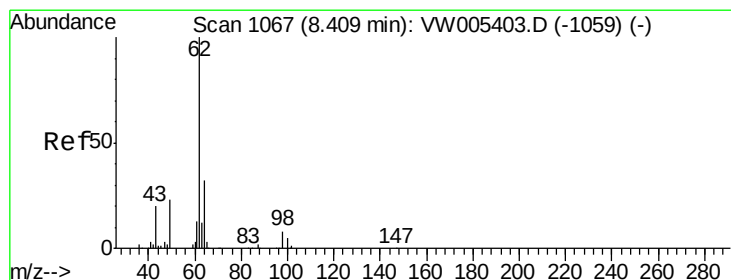
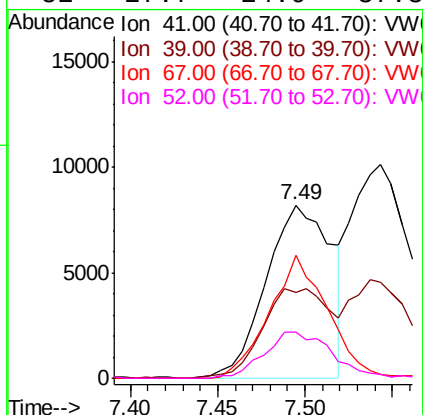
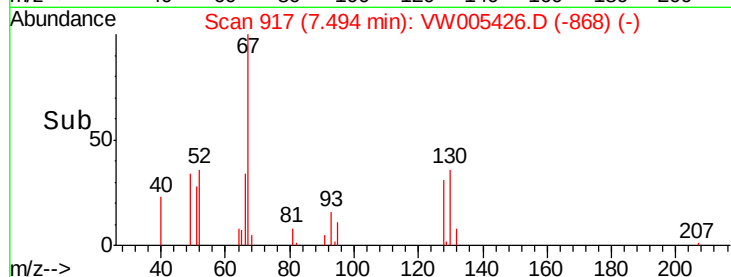
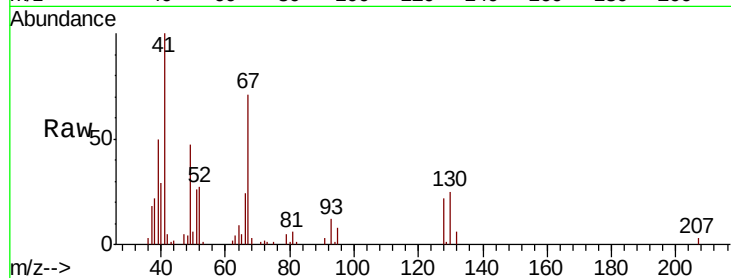
#41
Methacrylonitrile
Concen: 20.82 ug/l
RT: 7.49 min Scan# 917
Delta R.T. 0.00 min
Lab File: VW005426.D
Acq: 17 Sep 2018 12:06

Instrument :
MSVOA_W
ClientSampleId :
VW0917SBSD01

Tot Ion	41	Resp	21383
Ion Ratio	Lower	Upper	
41	100		
39	53.8	44.6	67.0
67	64.1	53.6	80.4
52	27.7	24.9	37.3

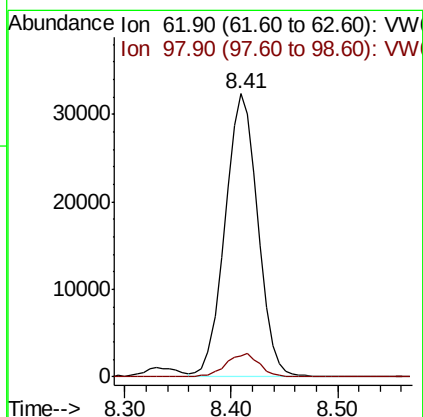
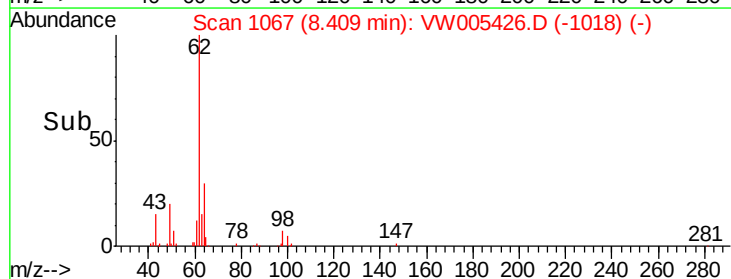
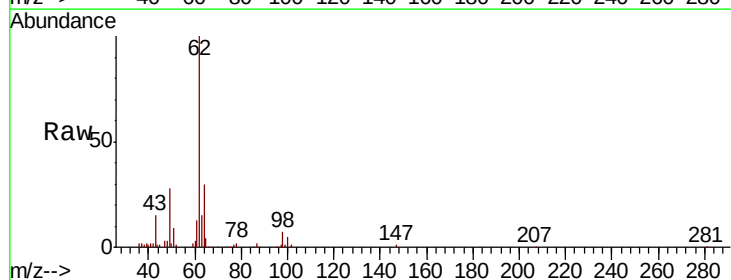
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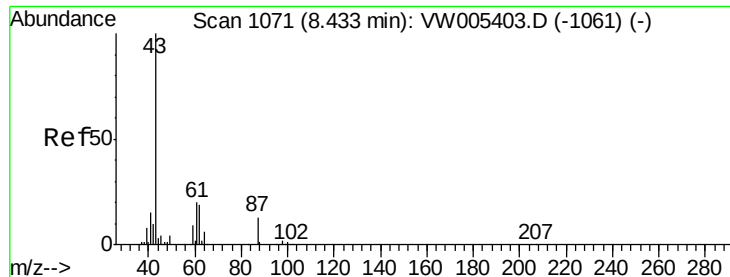
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#42
1,2-Dichloroethane
Concen: 18.38 ug/l
RT: 8.41 min Scan# 1067
Delta R.T. 0.00 min
Lab File: VW005426.D
Acq: 17 Sep 2018 12:06

Tgt Ion	62	Resp	69759
Ion Ratio	Lower	Upper	
62	100		
98	8.3	0.0	15.6





#43

Isopropyl Acetate

Concen: 18.60 ug/l

RT: 8.43 min Scan# 1071

Delta R.T. 0.00 min

Lab File: VW005426.D

Acq: 17 Sep 2018 12:06

Instrument :

MSVOA_W

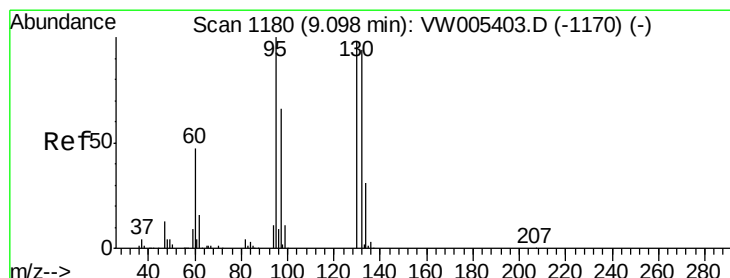
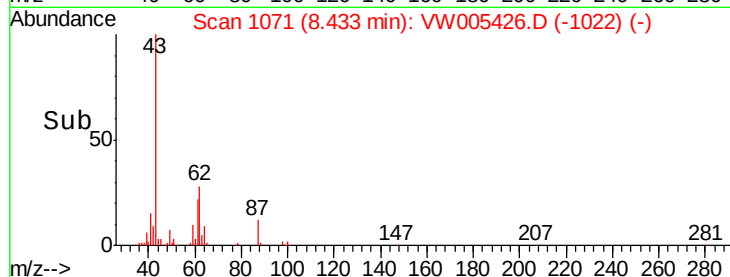
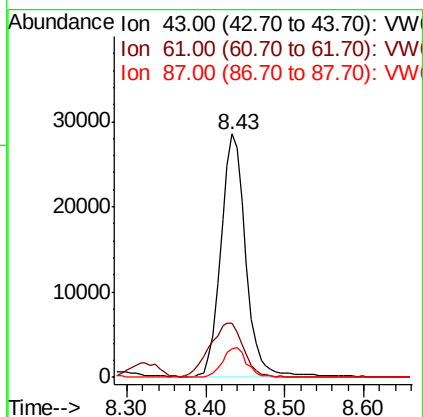
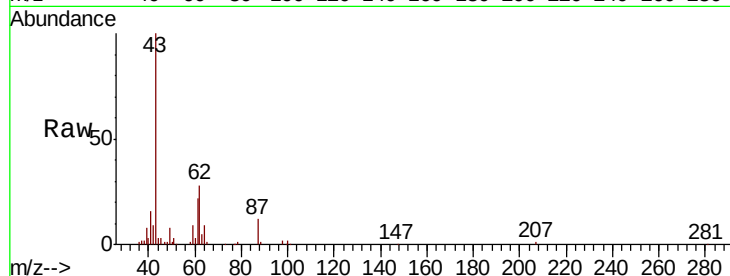
ClientSampleId :

VW0917SBS01

Tot Ion:	43	Resp:	61793
Ion	Ratio	Lower	Upper
43	100		
61	30.9	23.8	35.6
87	12.1	10.1	15.1

Manual Integrations
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#44

Trichloroethene

Concen: 20.00 ug/l

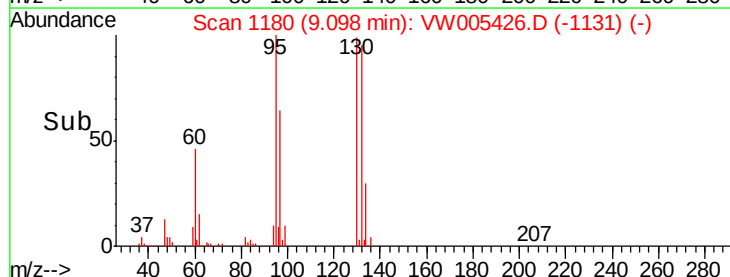
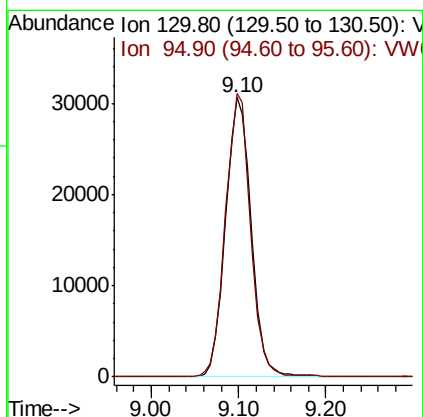
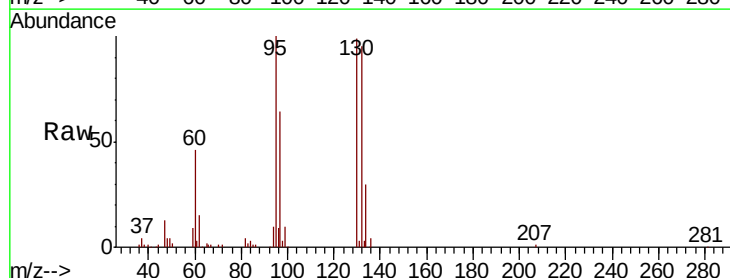
RT: 9.10 min Scan# 1180

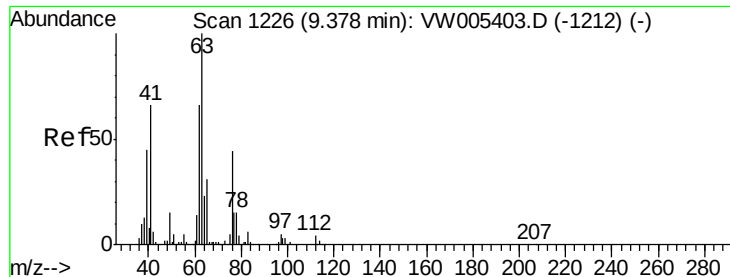
Delta R.T. 0.00 min

Lab File: VW005426.D

Acq: 17 Sep 2018 12:06

Tgt Ion:	130	Resp:	62409
Ion	Ratio	Lower	Upper
130	100		
95	101.4	0.0	204.6





#45

1,2-Dichloropropane

Concen: 19.88 ug/l

RT: 9.38 min Scan# 1226

Delta R.T. 0.00 min

Lab File: VW005426.D

Acq: 17 Sep 2018 12:06

Instrument :

MSVOA_W

ClientSampleId :

VW0917SBS01

Tot Ion: 63 Resp: 57584

Ion Ratio Lower Upper

63 100

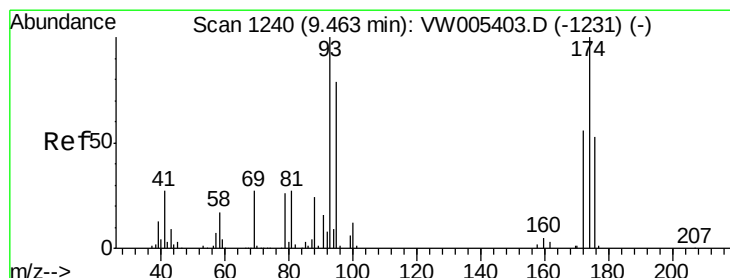
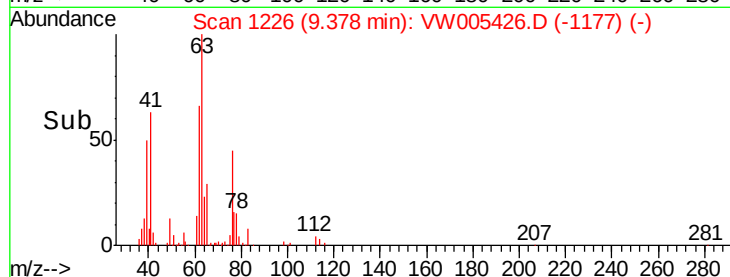
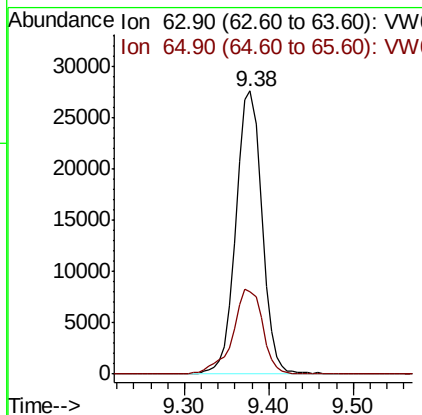
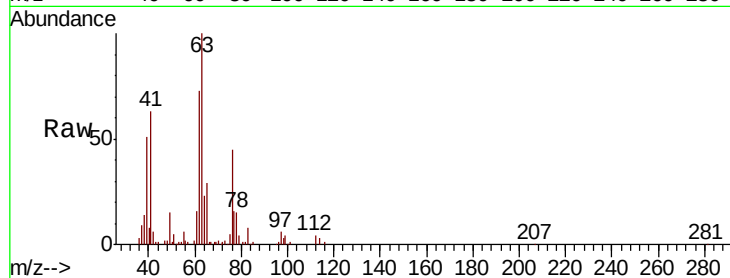
65 29.0 25.0 37.6

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#46

Dibromomethane

Concen: 19.06 ug/l

RT: 9.46 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VW005426.D

Acq: 17 Sep 2018 12:06

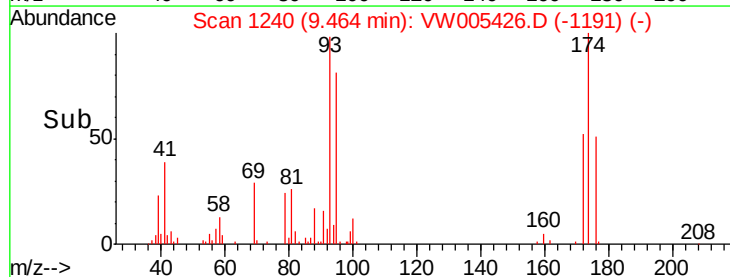
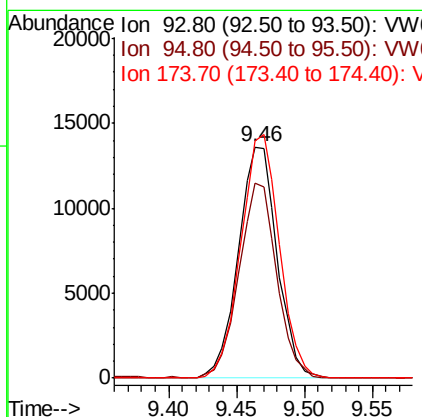
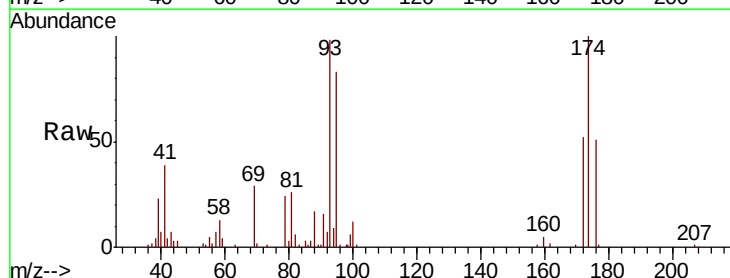
Tgt Ion: 93 Resp: 27160

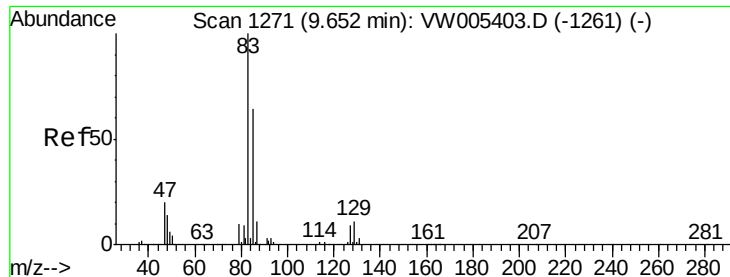
Ion Ratio Lower Upper

93 100

95 81.9 65.4 98.0

174 104.7 83.4 125.2





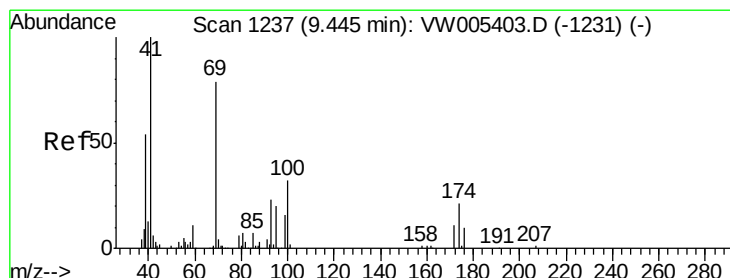
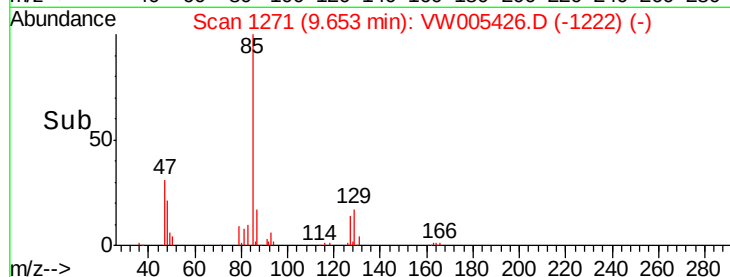
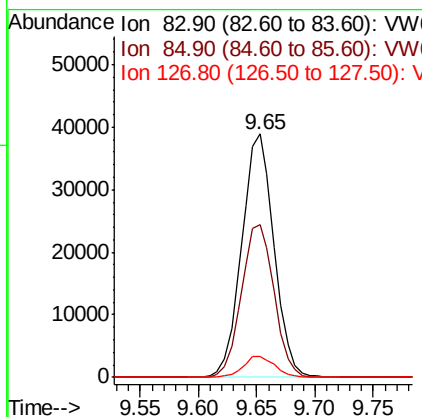
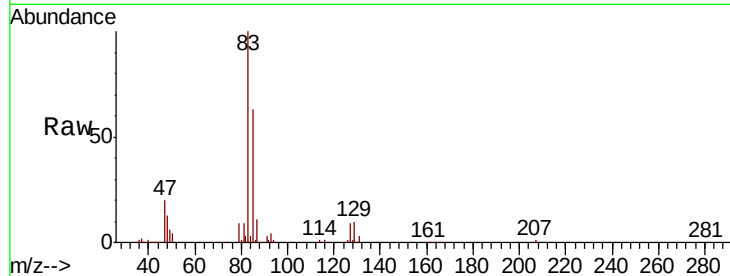
#47
Bromodichloromethane
Concen: 19.46 ug/l
RT: 9.65 min Scan# 1271
Delta R.T. 0.00 min
Lab File: VW005426.D
Acq: 17 Sep 2018 12:06

Instrument :
MSVOA_W
ClientSampleId :
VW0917SBSD01

Tot Ion	Ratio	Lower	Upper
83	100		
85	62.7	50.9	76.3
127	8.6	7.0	10.4

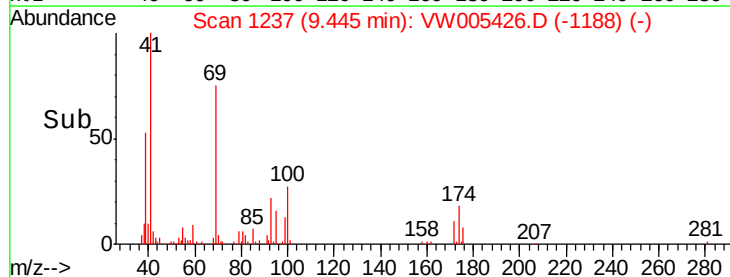
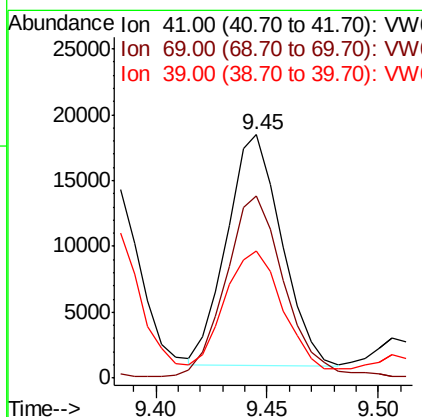
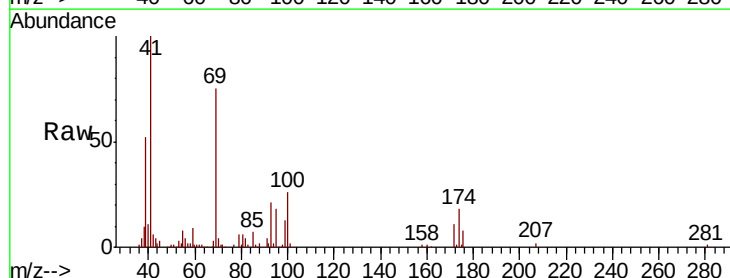
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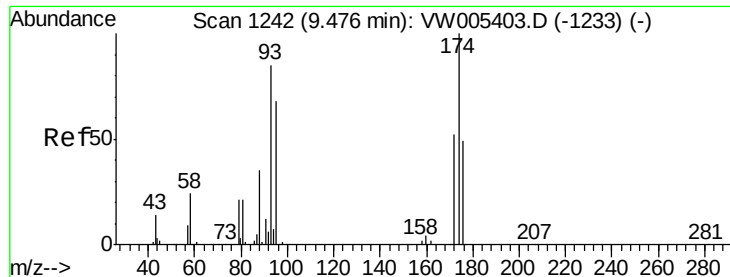
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#48
Methyl methacrylate
Concen: 18.03 ug/l
RT: 9.45 min Scan# 1237
Delta R.T. 0.00 min
Lab File: VW005426.D
Acq: 17 Sep 2018 12:06

Tgt Ion	Ratio	Lower	Upper
41	100		
69	86.9	67.5	101.3
39	53.9	45.5	68.3





#49

1,4-Dioxane

Concen: 375.43 ug/l

RT: 9.48 min Scan# 1242

Delta R.T. 0.00 min

Lab File: VW005426.D

Acq: 17 Sep 2018 12:06

Instrument :

MSVOA_W

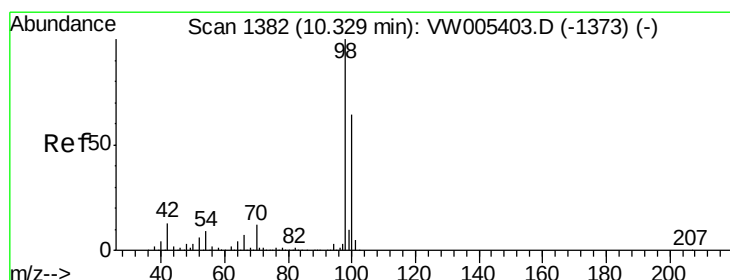
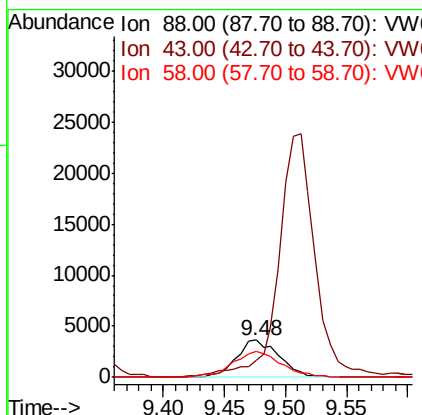
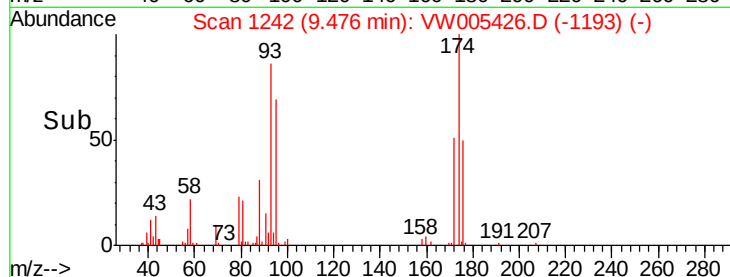
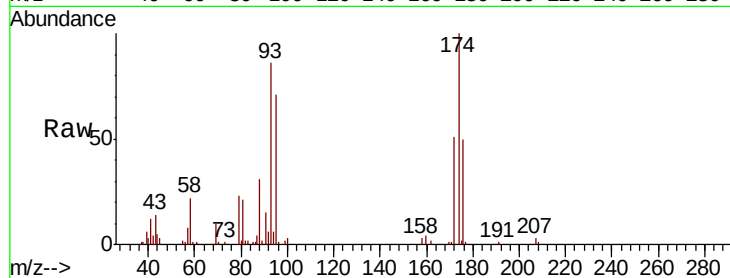
ClientSampleId :

VW0917SBS01

Tot Ion:	88	Resp:	8918
Ion	Ratio	Lower	Upper
88	100		
43	0.0	0.0	0.0
58	78.2	62.4	93.6

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#50

Toluene-d8

Concen: 48.08 ug/l

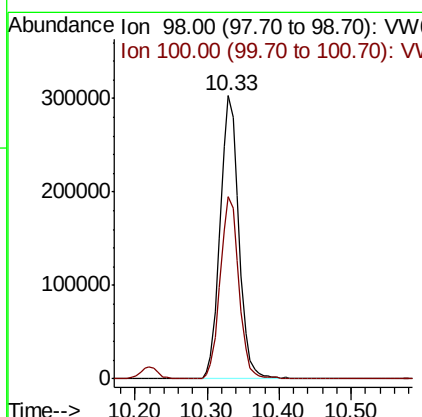
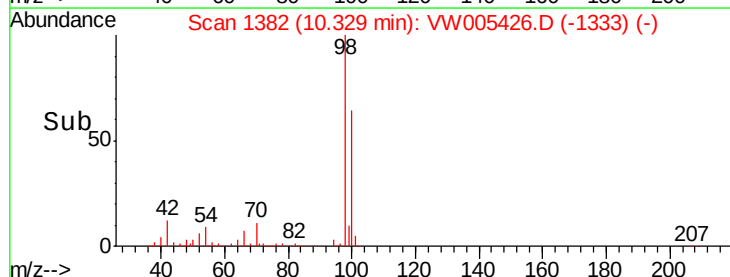
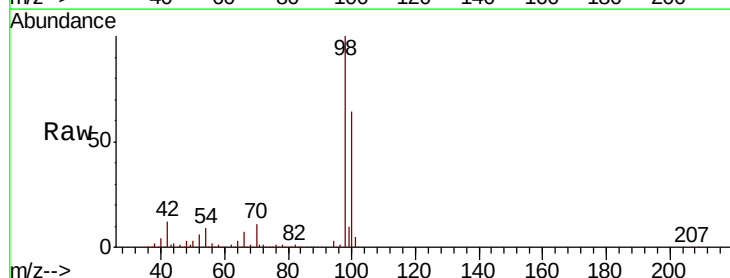
RT: 10.33 min Scan# 1382

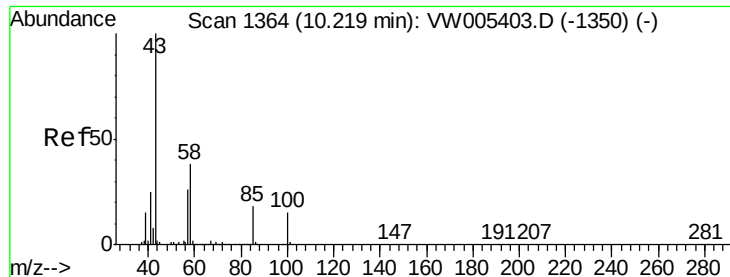
Delta R.T. 0.00 min

Lab File: VW005426.D

Acq: 17 Sep 2018 12:06

Tgt Ion:	98	Resp:	546104
Ion	Ratio	Lower	Upper
98	100		
100	64.6	51.4	77.0





#51

4-Methyl-2-Pentanone

Concen: 92.82 ug/l

RT: 10.22 min Scan# 1364

Delta R.T. 0.00 min

Lab File: VW005426.D

Acq: 17 Sep 2018 12:06

Instrument :

MSVOA_W

ClientSampled :

VW0917SBS01

Tot Ion: 43 Resp: 158739

Ion Ratio Lower Upper

43 100

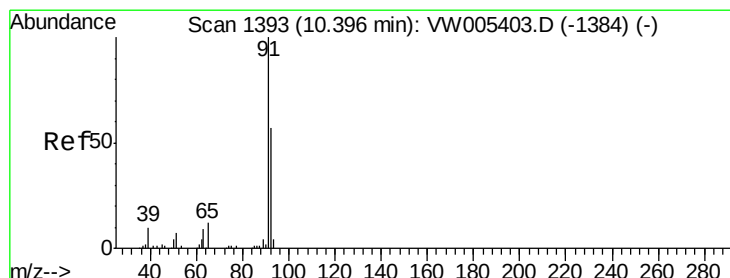
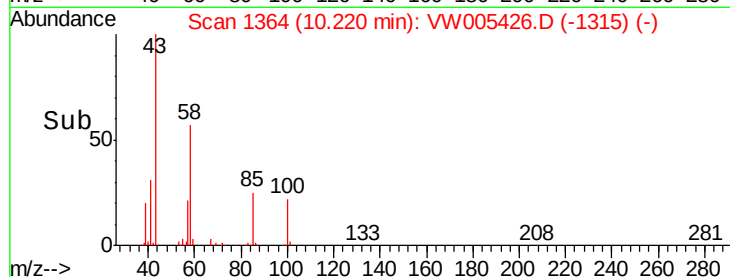
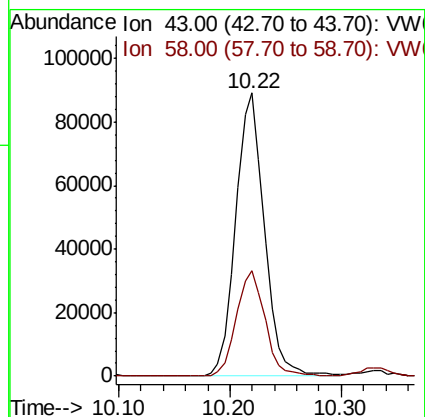
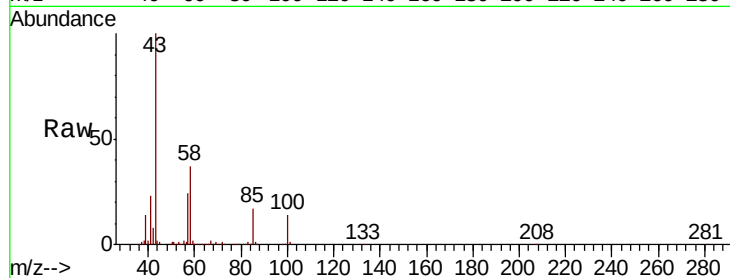
58 37.4 29.9 44.9

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#52

Toluene

Concen: 20.33 ug/l

RT: 10.40 min Scan# 1393

Delta R.T. 0.00 min

Lab File: VW005426.D

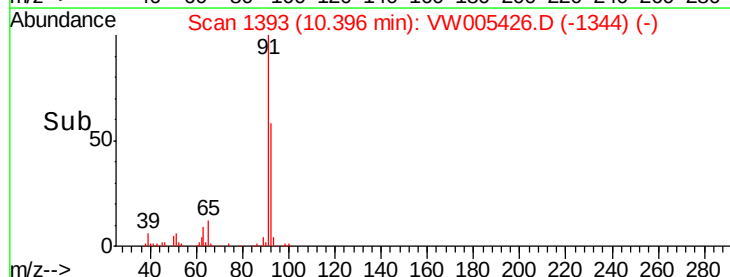
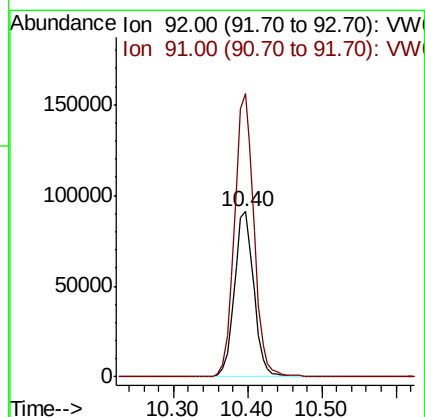
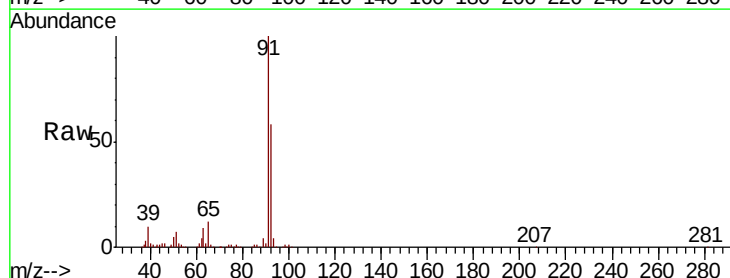
Acq: 17 Sep 2018 12:06

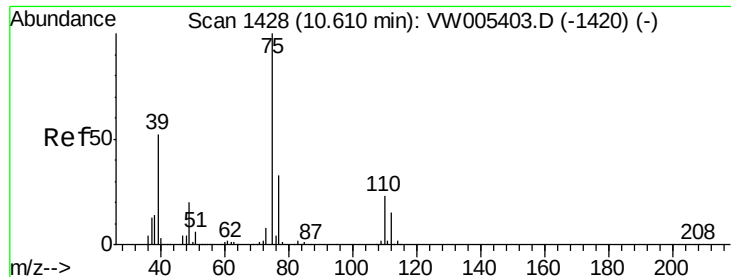
Tgt Ion: 92 Resp: 166912

Ion Ratio Lower Upper

92 100

91 171.7 139.1 208.7





#53

t-1,3-Dichloropropene

Concen: 19.57 ug/l

RT: 10.61 min Scan# 1428

Delta R.T. 0.00 min

Lab File: VW005426.D

Acq: 17 Sep 2018 12:06

Instrument :

MSVOA_W

ClientSampleId :

VW0917SBS01

Tot Ion: 75 Resp: 75616

Ion Ratio Lower Upper

75 100

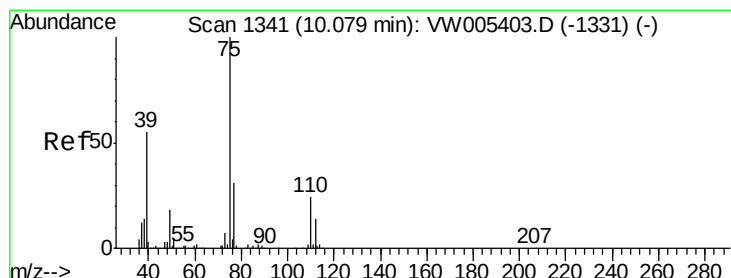
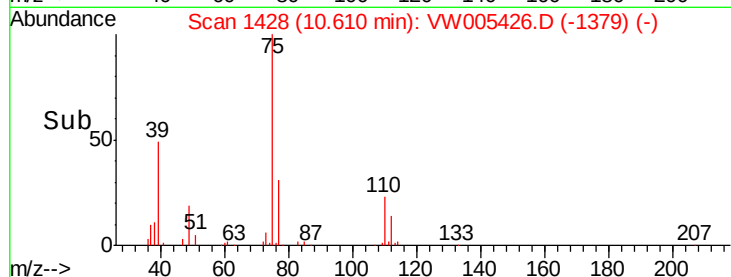
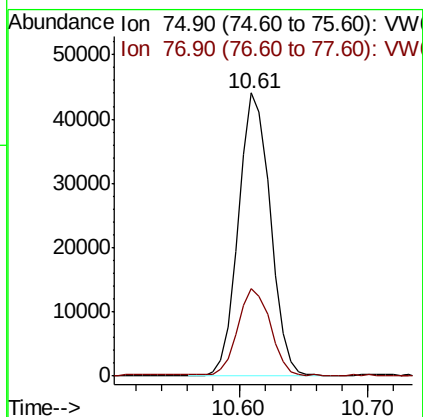
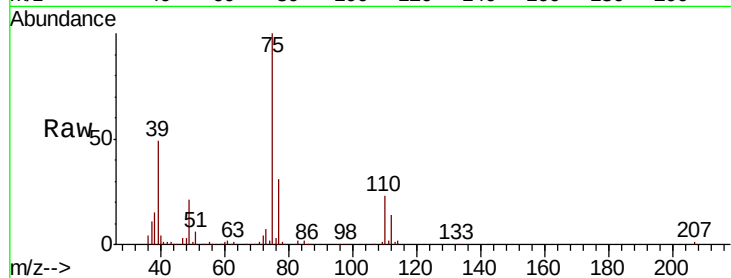
77 30.9 26.5 39.7

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#54

cis-1,3-Dichloropropene

Concen: 20.33 ug/l

RT: 10.08 min Scan# 1341

Delta R.T. 0.00 min

Lab File: VW005426.D

Acq: 17 Sep 2018 12:06

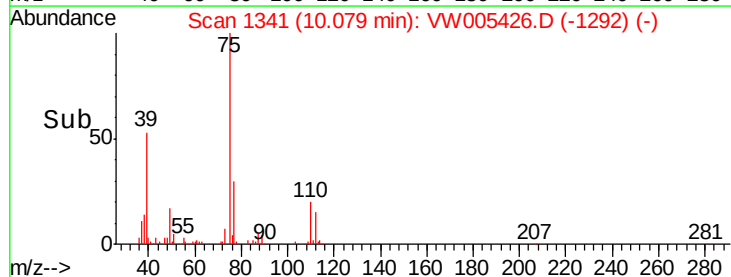
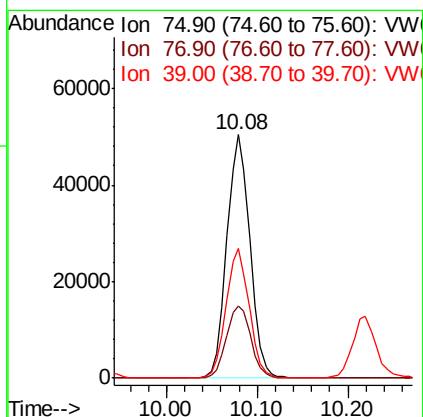
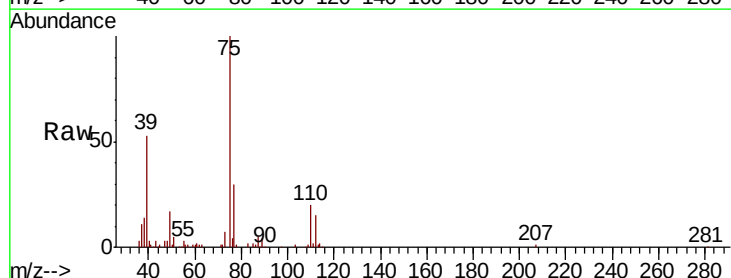
Tgt Ion: 75 Resp: 88964

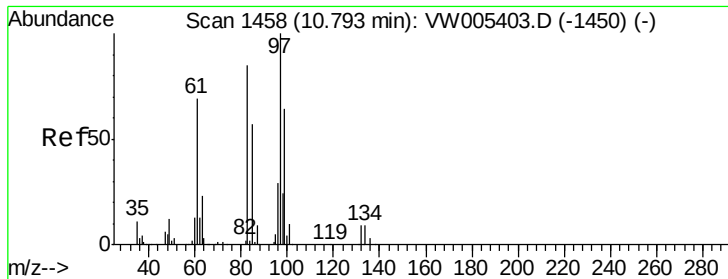
Ion Ratio Lower Upper

75 100

77 29.6 25.0 37.4

39 53.1 44.2 66.2





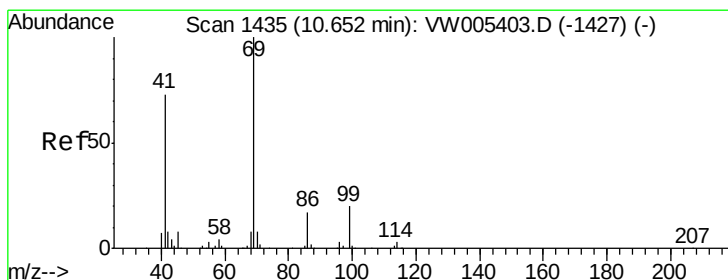
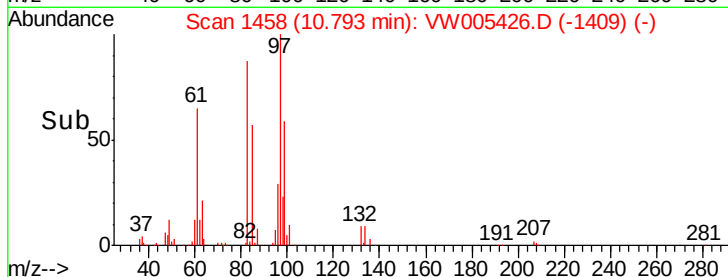
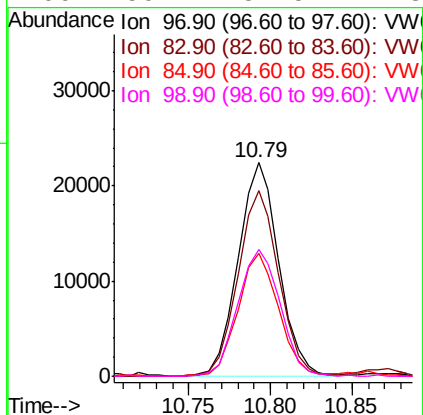
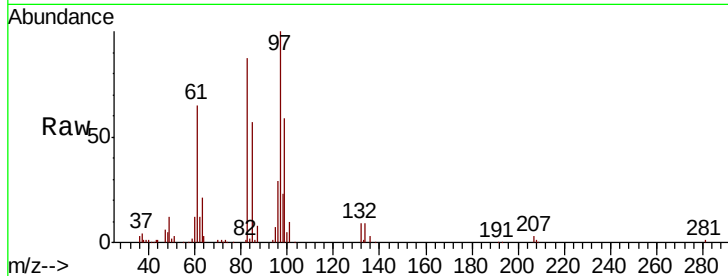
#55
 1,1,2-Trichloroethane
 Concen: 18.36 ug/l
 RT: 10.79 min Scan# 1458
 Delta R.T. 0.00 min
 Lab File: VW005426.D
 Acq: 17 Sep 2018 12:06

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0917SBSD01

Tot Ion	Ratio	Lower	Upper
97	100		
83	86.4	67.8	101.8
85	57.0	45.4	68.0
99	59.4	51.5	77.3

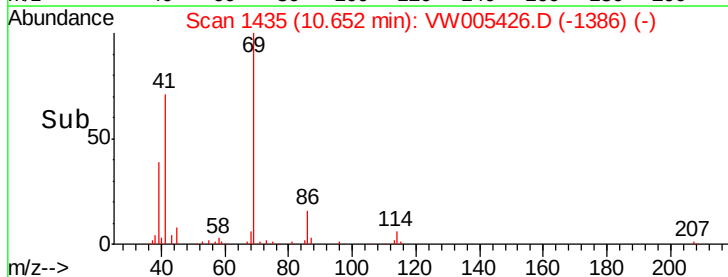
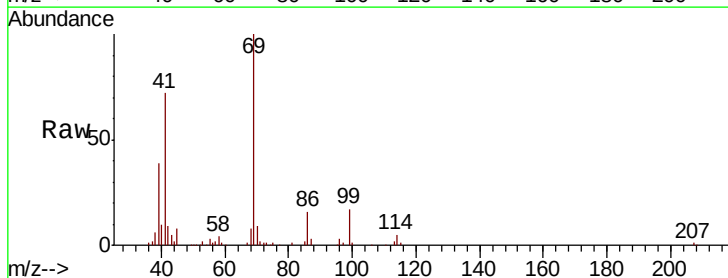
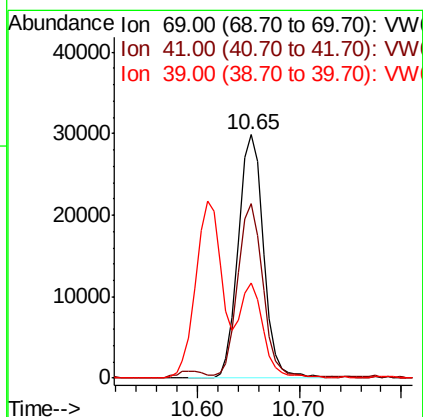
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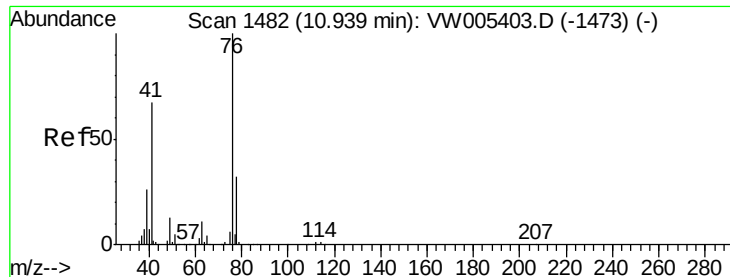
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#56
 Ethyl methacrylate
 Concen: 19.15 ug/l
 RT: 10.65 min Scan# 1435
 Delta R.T. 0.00 min
 Lab File: VW005426.D
 Acq: 17 Sep 2018 12:06

Tgt Ion	Ratio	Lower	Upper
69	100		
41	70.2	59.3	88.9
39	35.7	30.2	45.4





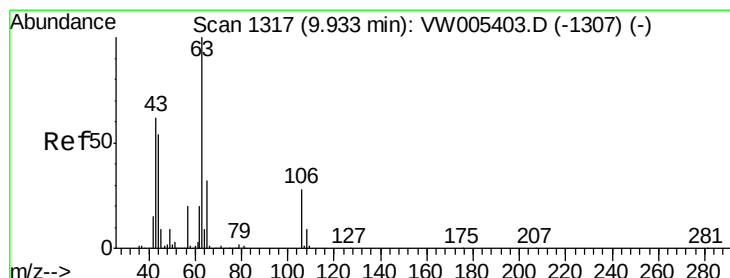
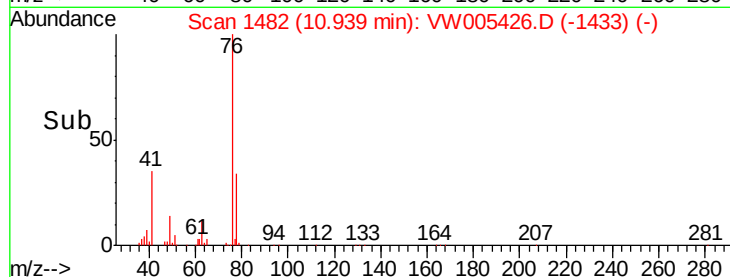
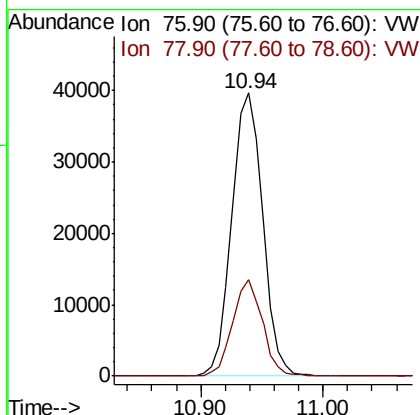
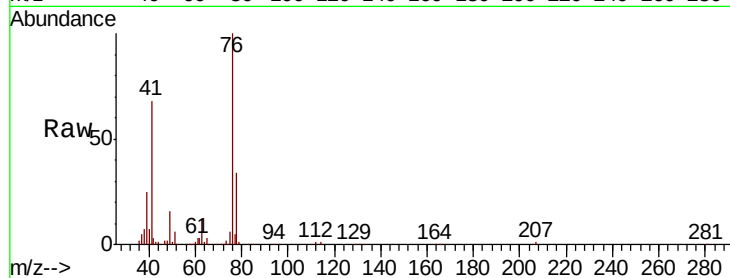
#57
 1,3-Dichloropropane
 Concen: 18.95 ug/l
 RT: 10.94 min Scan# 1482
 Delta R.T. 0.00 min
 Lab File: VW005426.D
 Acq: 17 Sep 2018 12:06

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0917SBS01

Tot Ion: 76 Resp: 69274
 Ion Ratio Lower Upper
 76 100
 78 32.9 25.6 38.4

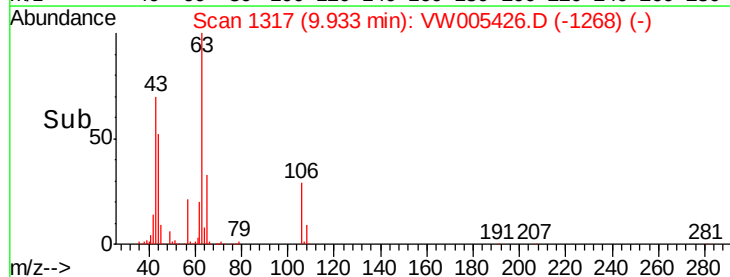
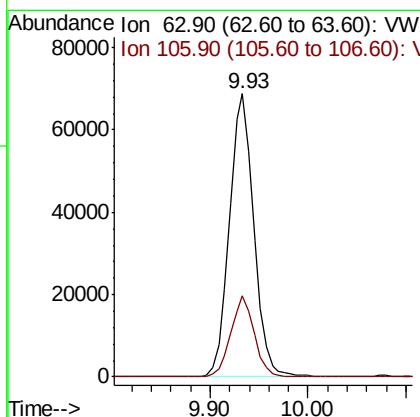
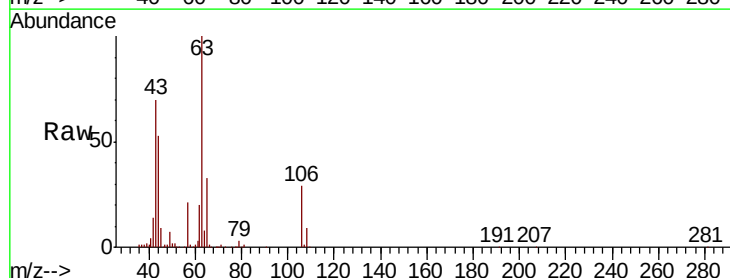
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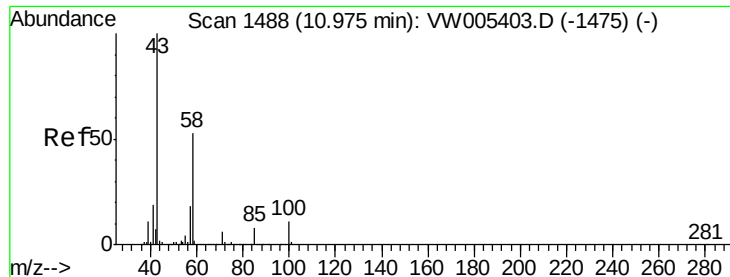
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#58
 2-Chloroethyl Vinyl ether
 Concen: 98.01 ug/l
 RT: 9.93 min Scan# 1317
 Delta R.T. 0.00 min
 Lab File: VW005426.D
 Acq: 17 Sep 2018 12:06

Tgt Ion: 63 Resp: 118853
 Ion Ratio Lower Upper
 63 100
 106 27.4 22.0 33.0





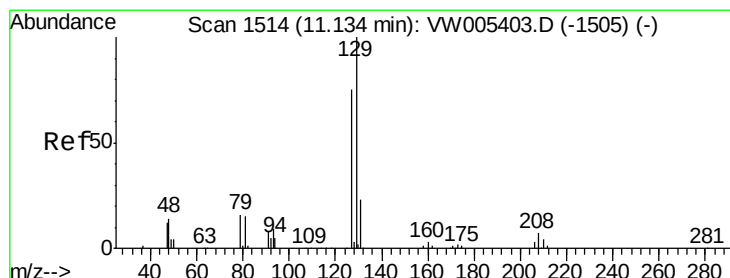
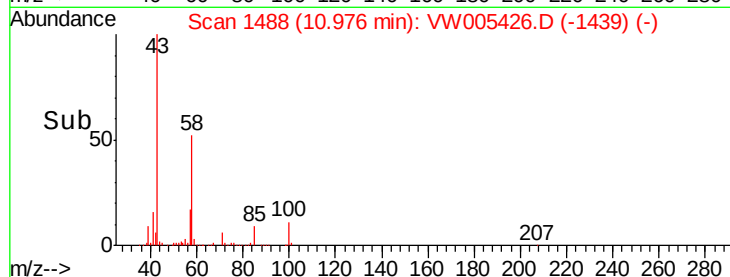
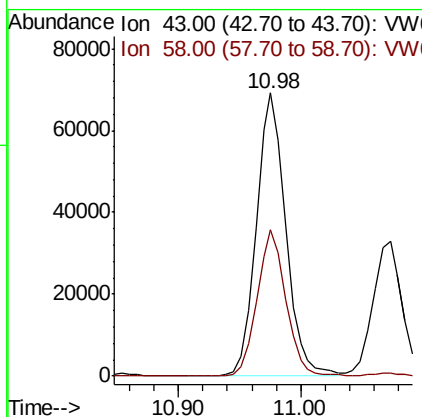
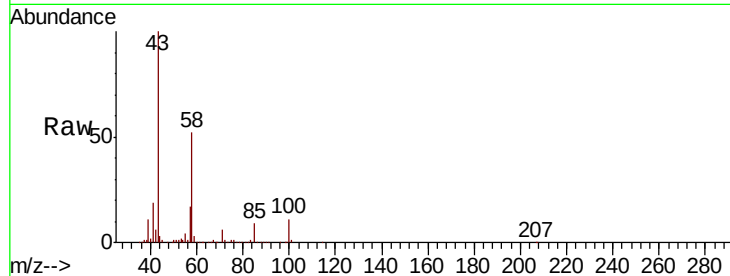
#59
2-Hexanone
Concen: 99.51 ug/l
RT: 10.98 min Scan# 1488
Delta R.T. 0.00 min
Lab File: VW005426.D
Acq: 17 Sep 2018 12:06

Instrument :
MSVOA_W
ClientSampleId :
VW0917SBSD01

Tot Ion	Ratio	Lower	Upper
43	100		
58	50.7	25.5	76.5

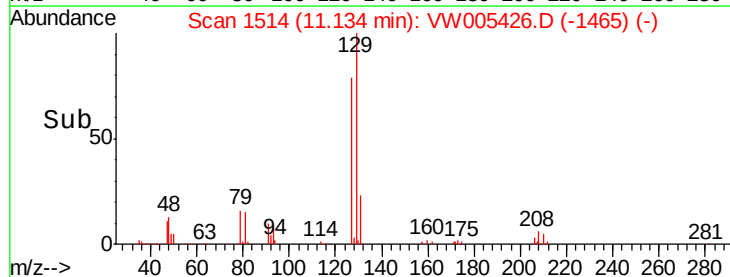
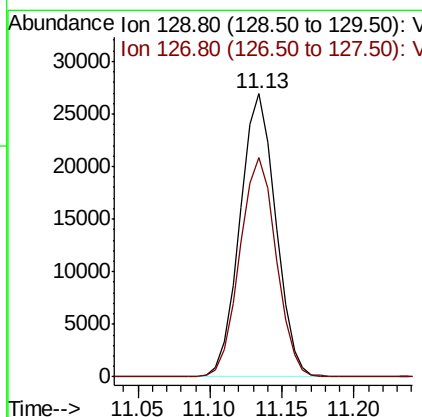
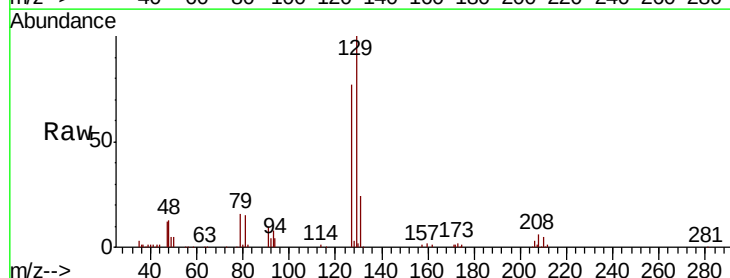
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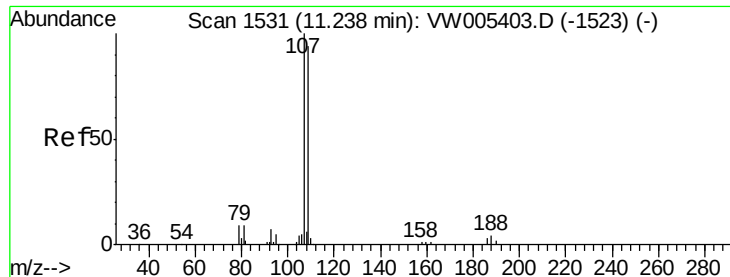
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#60
Dibromochloromethane
Concen: 18.27 ug/l
RT: 11.13 min Scan# 1514
Delta R.T. 0.00 min
Lab File: VW005426.D
Acq: 17 Sep 2018 12:06

Tgt Ion	Ratio	Lower	Upper
129	100		
127	78.5	38.5	115.3





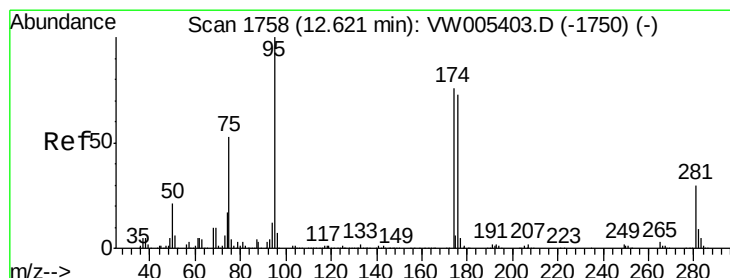
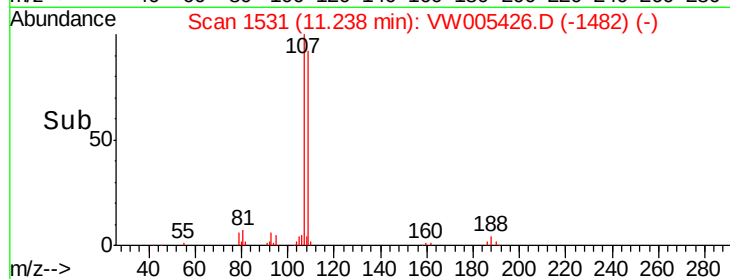
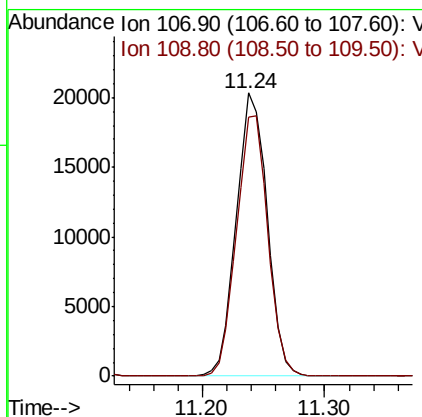
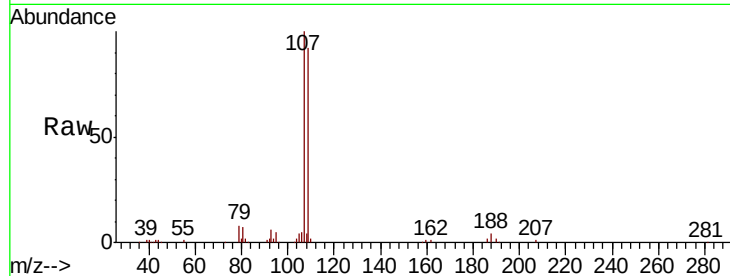
#61
 1,2-Dibromoethane
 Concen: 18.77 ug/l
 RT: 11.24 min Scan# 1531
 Delta R.T. 0.00 min
 Lab File: VW005426.D
 Acq: 17 Sep 2018 12:06

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0917SBSD01

Tot Ion	Ratio	Lower	Upper
107	100		
109	93.0	75.0	112.6

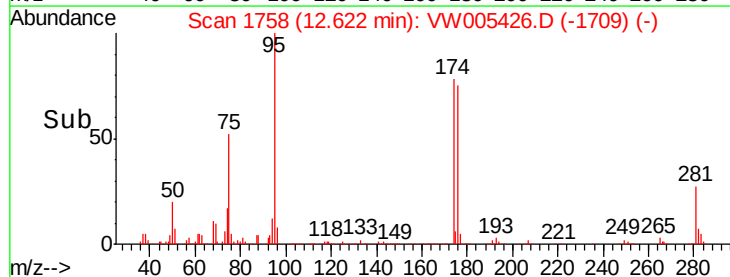
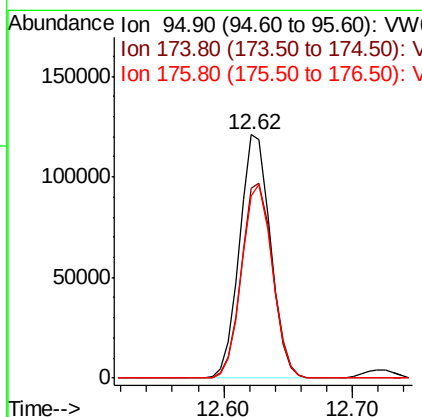
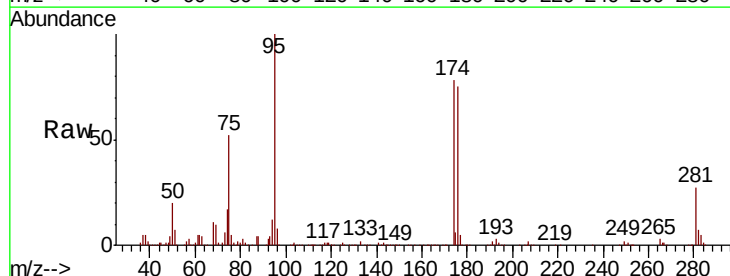
Manual Integrations
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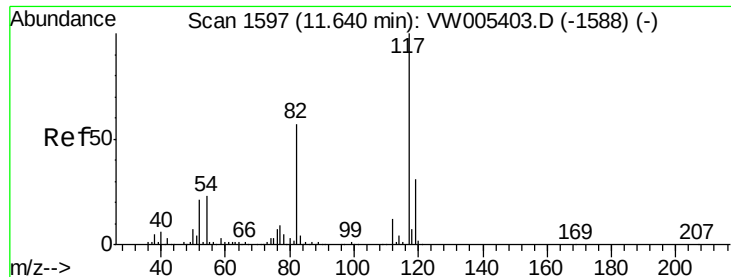
apatel
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#62
 4-Bromofluorobenzene
 Concen: 48.10 ug/l
 RT: 12.62 min Scan# 1758
 Delta R.T. 0.00 min
 Lab File: VW005426.D
 Acq: 17 Sep 2018 12:06

Tgt Ion	Ratio	Lower	Upper
95	100		
174	81.1	0.0	161.2
176	78.8	0.0	156.6





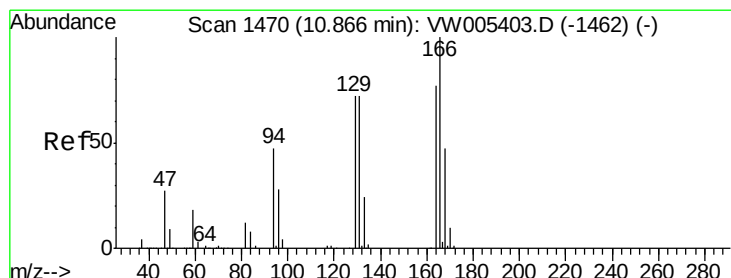
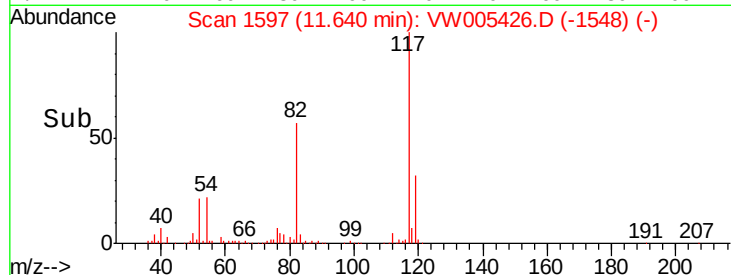
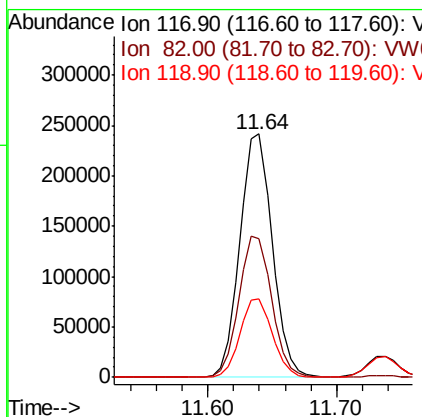
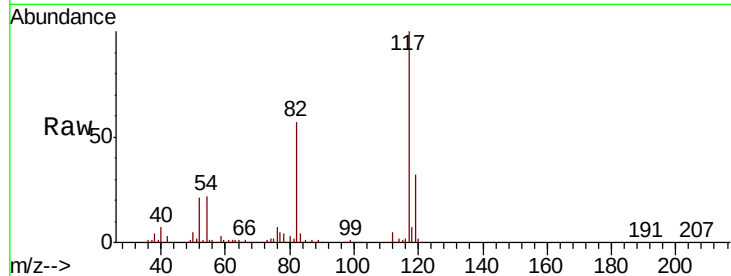
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.64 min Scan# 1597
Delta R.T. 0.00 min
Lab File: VW005426.D
Acq: 17 Sep 2018 12:06

Instrument :
MSVOA_W
ClientSampleId :
VW0917SBS01

Tot Ion	Ratio	Lower	Upper
117	100		
82	56.7	45.9	68.9
119	32.2	24.8	37.2

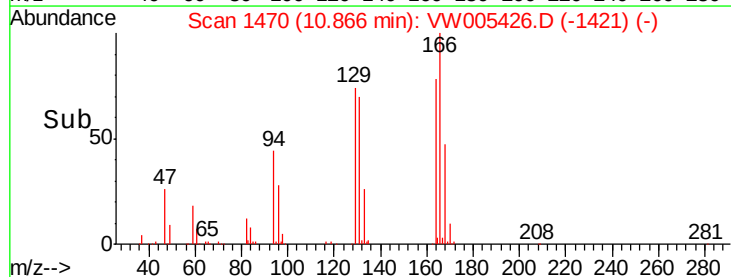
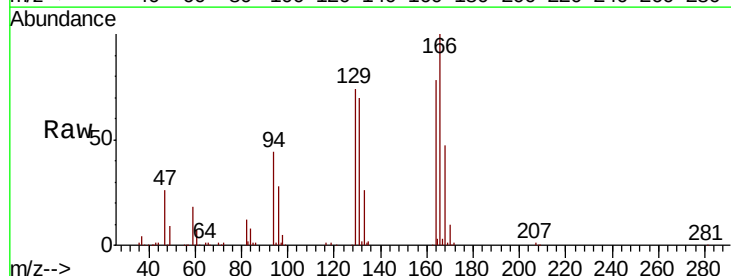
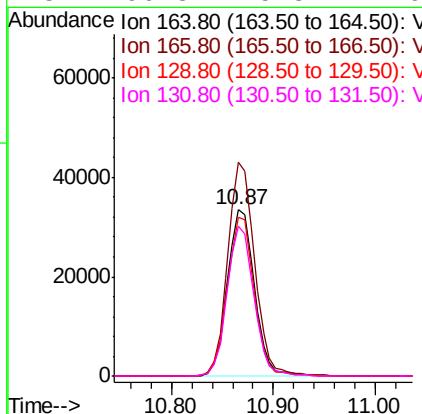
Manual Integrations
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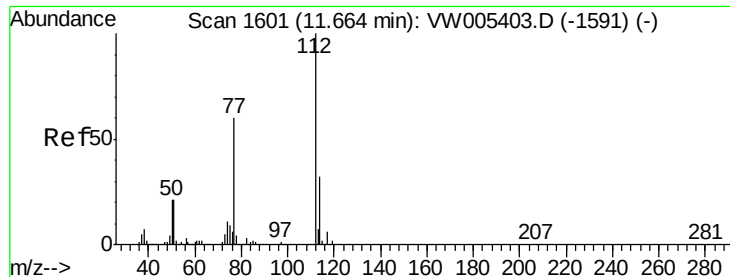
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#64
Tetrachloroethene
Concen: 19.74 ug/l
RT: 10.87 min Scan# 1470
Delta R.T. 0.00 min
Lab File: VW005426.D
Acq: 17 Sep 2018 12:06

Tgt Ion	Ratio	Lower	Upper
164	100		
166	128.7	104.0	156.0
129	95.6	74.9	112.3
131	90.3	75.3	112.9





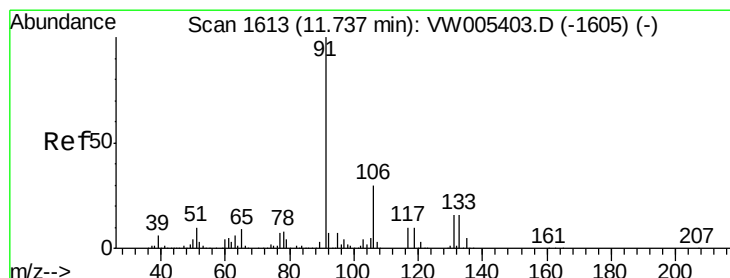
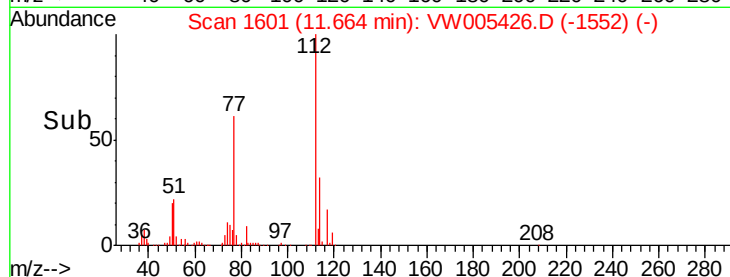
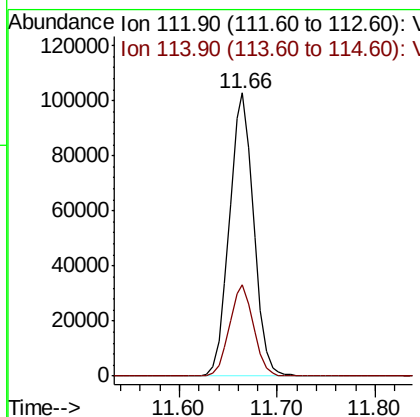
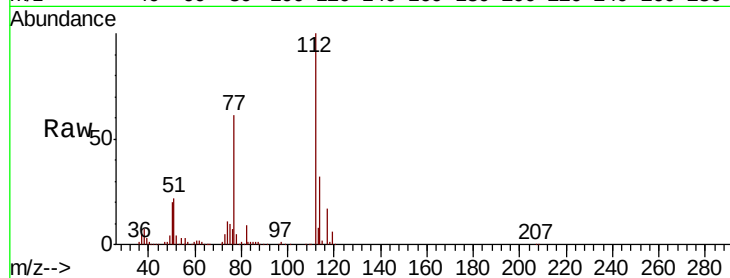
#65
Chlorobenzene
Concen: 19.75 ug/l
RT: 11.66 min Scan# 1601
Delta R.T. 0.00 min
Lab File: VW005426.D
Acq: 17 Sep 2018 12:06

Instrument :
MSVOA_W
ClientSampleId :
VW0917SBS01

Tot Ion:112 Resp: 176707
Ion Ratio Lower Upper
112 100
114 32.3 25.3 37.9

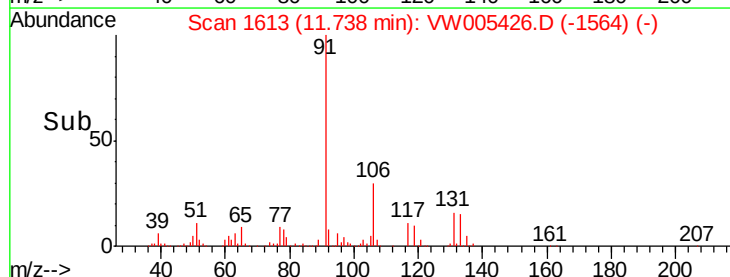
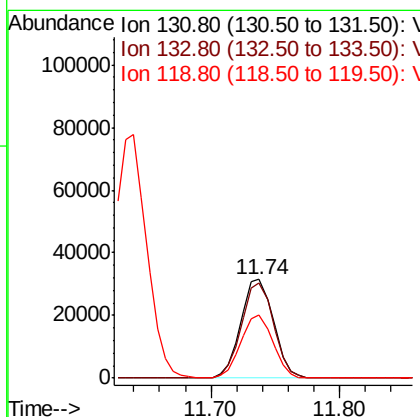
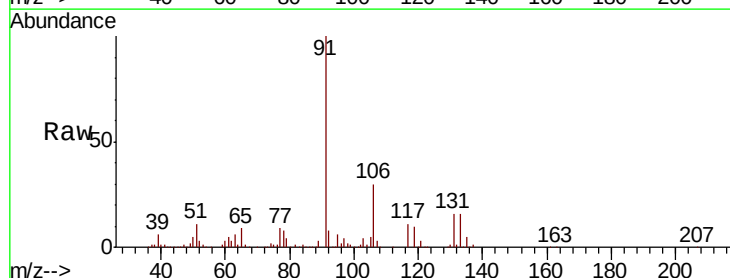
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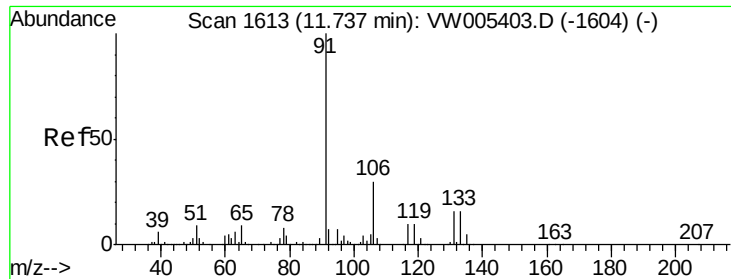
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#66
1,1,1,2-Tetrachloroethane
Concen: 19.45 ug/l
RT: 11.74 min Scan# 1613
Delta R.T. 0.00 min
Lab File: VW005426.D
Acq: 17 Sep 2018 12:06

Tgt Ion:131 Resp: 55637
Ion Ratio Lower Upper
131 100
133 94.6 47.3 141.9
119 62.5 31.1 93.5





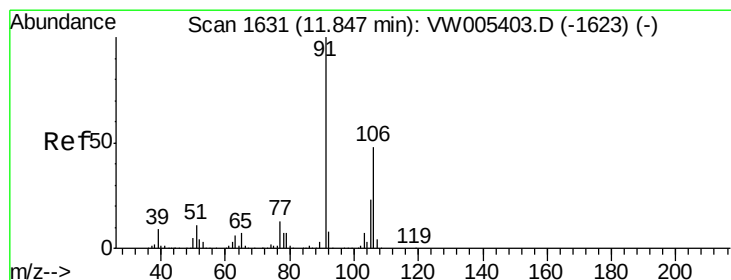
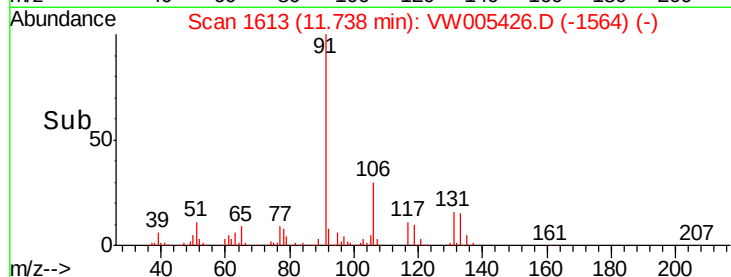
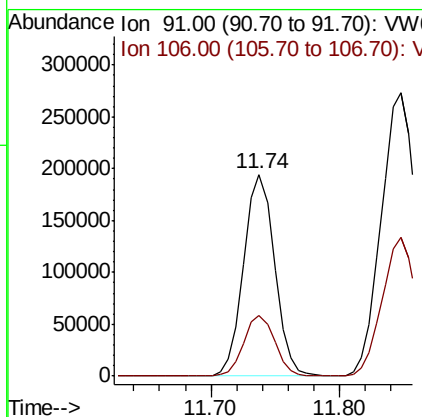
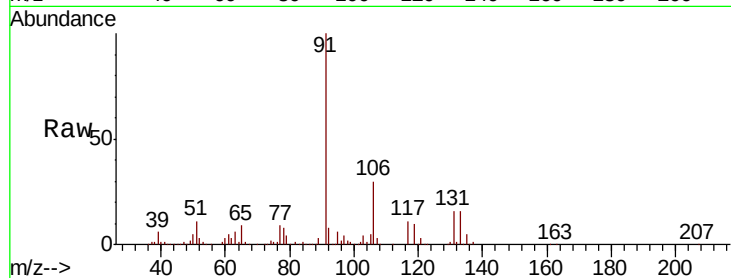
#67
Ethyl Benzene
Concen: 20.54 ug/l
RT: 11.74 min Scan# 1613
Delta R.T. 0.00 min
Lab File: VW005426.D
Acq: 17 Sep 2018 12:06

Instrument :
MSVOA_W
ClientSampleId :
VW0917SBS01

Tot Ion	Ratio	Lower	Upper
91	100		
106	30.3	24.2	36.4

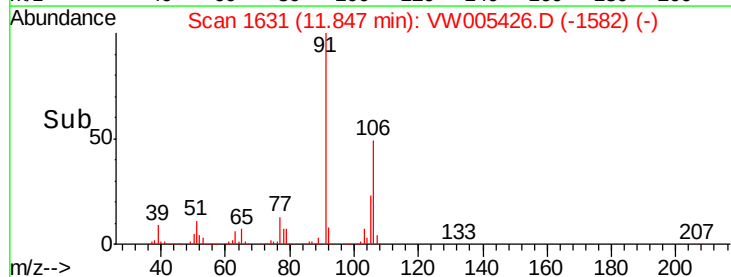
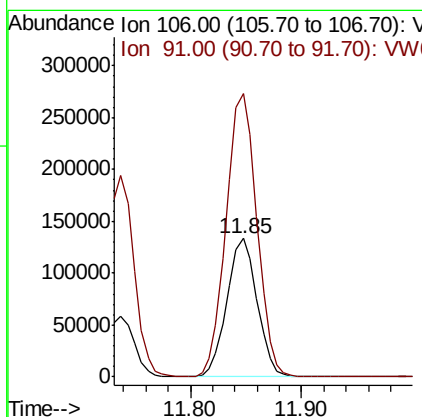
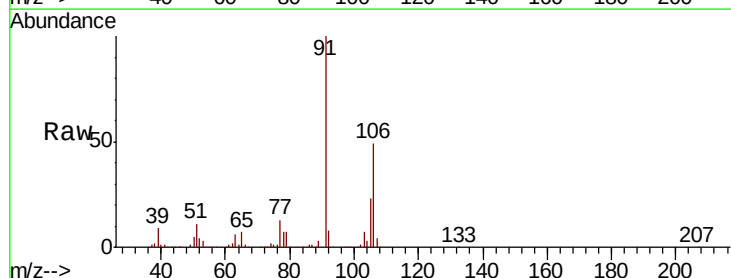
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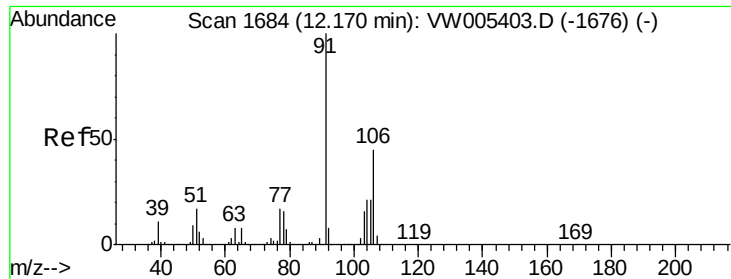
apatel
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#68
m/p-Xylenes
Concen: 41.47 ug/l
RT: 11.85 min Scan# 1631
Delta R.T. 0.00 min
Lab File: VW005426.D
Acq: 17 Sep 2018 12:06

Tgt Ion	Ratio	Lower	Upper
106	100		
91	208.4	167.9	251.9





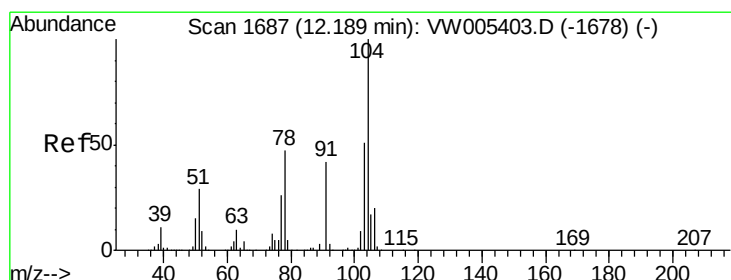
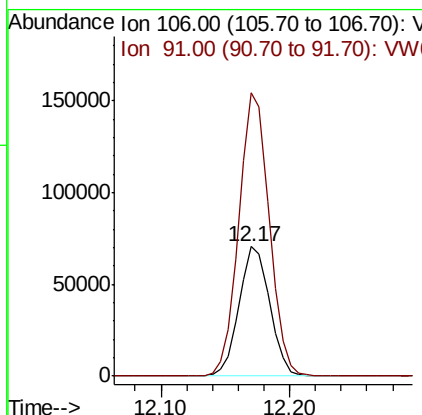
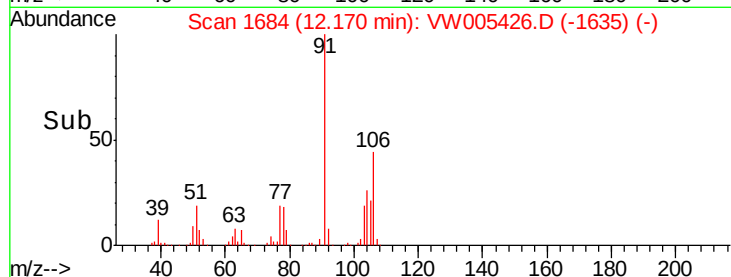
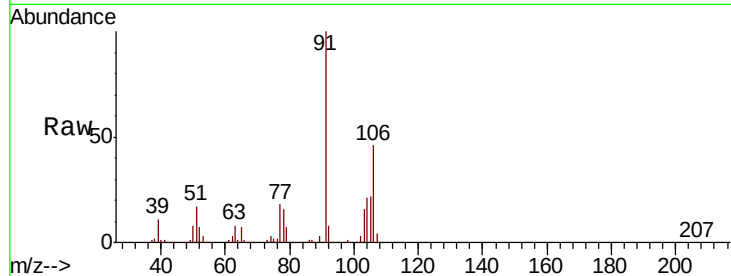
#69
o-Xylene
Concen: 20.59 ug/l
RT: 12.17 min Scan# 1684
Delta R.T. 0.00 min
Lab File: VW005426.D
Acq: 17 Sep 2018 12:06

Instrument :
MSVOA_W
ClientSampled :
VW0917SBSD01

Tot Ion	Ion	Ratio	Resp	Lower	Upper
106	106	100	116150		
91	91	217.0	110.6	331.6	

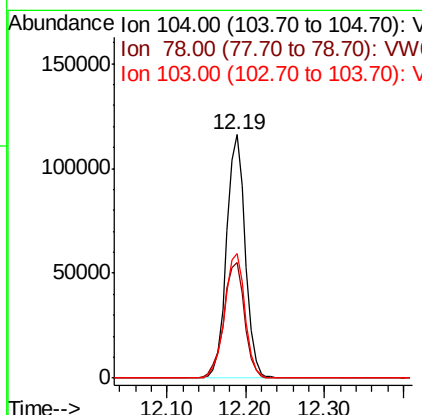
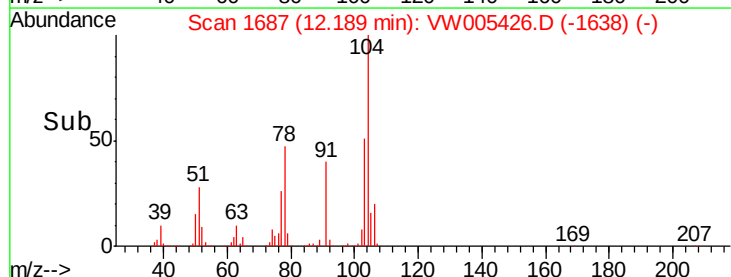
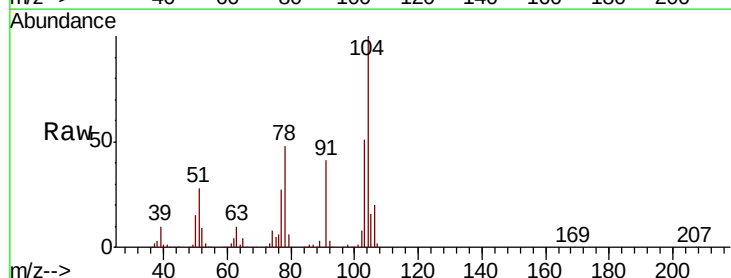
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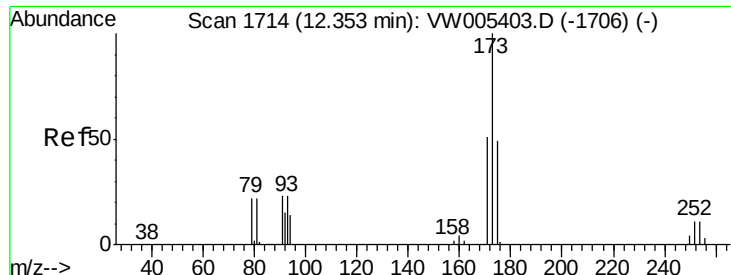
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#70
Styrene
Concen: 20.54 ug/l
RT: 12.19 min Scan# 1687
Delta R.T. 0.00 min
Lab File: VW005426.D
Acq: 17 Sep 2018 12:06

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
104	104	100	191167		
78	78	52.7	42.4	63.6	
103	103	55.8	44.8	67.2	





#71

Bromoform

Concen: 18.14 ug/l

RT: 12.35 min Scan# 1714

Delta R.T. 0.00 min

Lab File: VW005426.D

Acq: 17 Sep 2018 12:06

Instrument :

MSVOA_W

ClientSampleId :

VW0917SBS01

Tot Ion:173 Resp: 27443

Ion Ratio Lower Upper

173 100

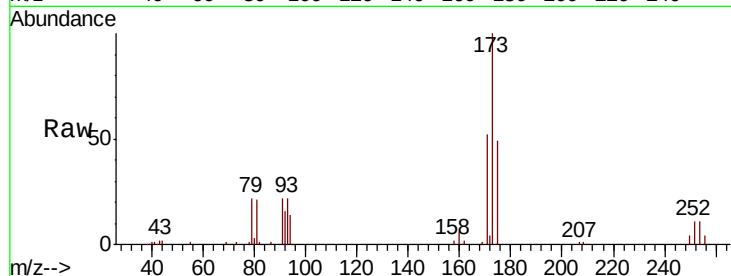
175 49.2 24.2 72.6

254 0.1 0.0 0.0#

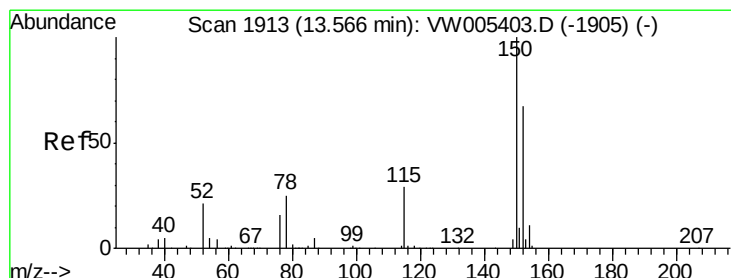
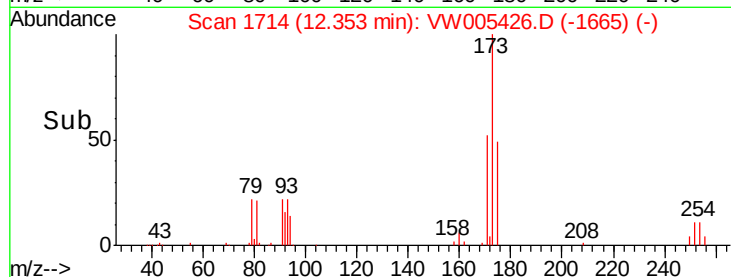
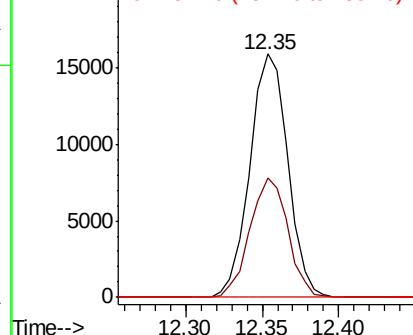
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Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 13.57 min Scan# 1913

Delta R.T. 0.00 min

Lab File: VW005426.D

Acq: 17 Sep 2018 12:06

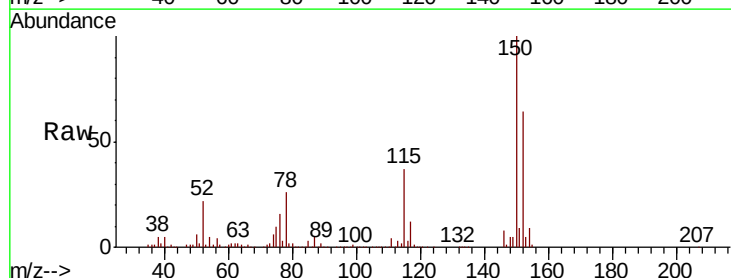
Tgt Ion:152 Resp: 224229

Ion Ratio Lower Upper

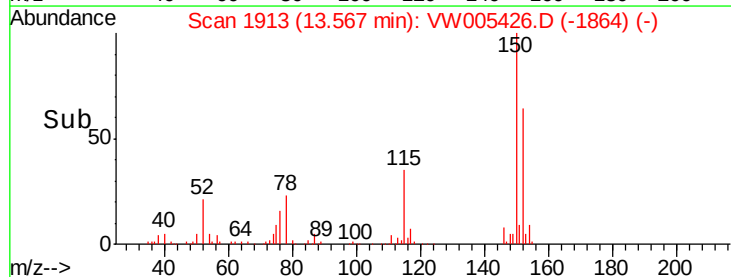
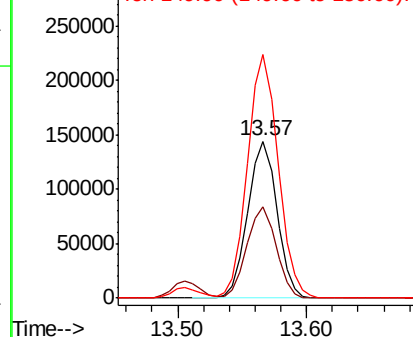
152 100

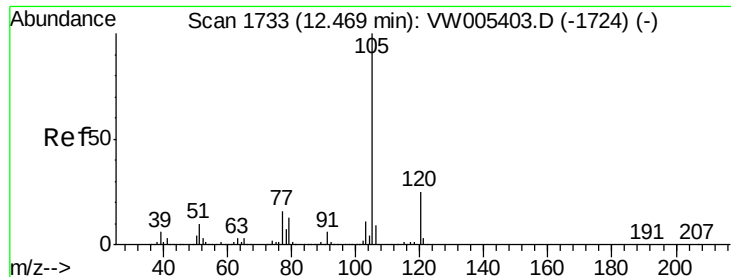
115 58.7 29.5 88.5

150 163.3 0.0 345.6



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





#73

Isopropylbenzene

Concen: 20.58 ug/l

RT: 12.47 min Scan# 1733

Delta R.T. 0.00 min

Lab File: VW005426.D

Acq: 17 Sep 2018 12:06

Instrument :

MSVOA_W

ClientSampleId :

VW0917SBS01

Tot Ion: 105 Resp: 323681

Ion Ratio Lower Upper

105 100

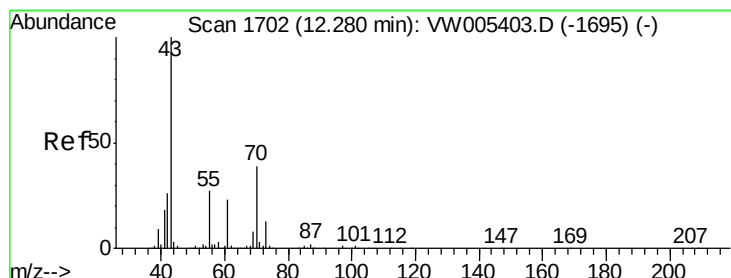
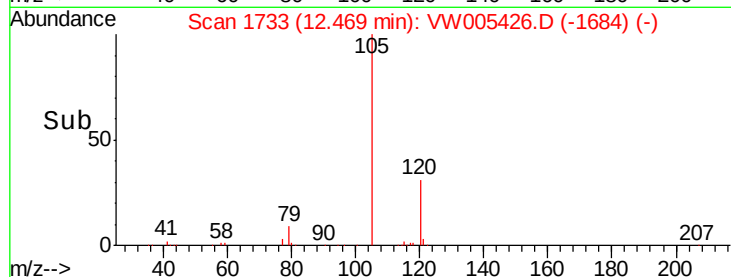
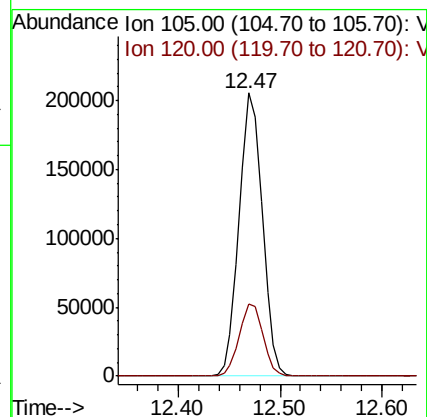
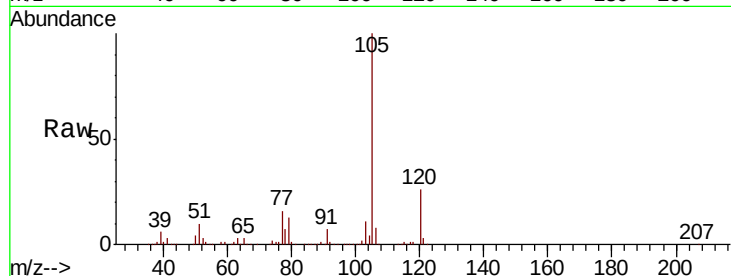
120 25.9 12.9 38.6

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#74

N-ethyl acetate

Concen: 18.78 ug/l

RT: 12.28 min Scan# 1702

Delta R.T. 0.00 min

Lab File: VW005426.D

Acq: 17 Sep 2018 12:06

Tgt Ion: 43 Resp: 62256

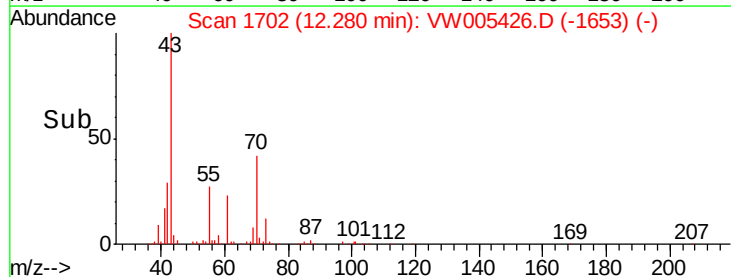
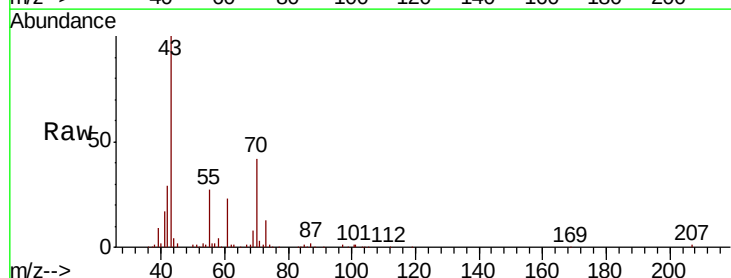
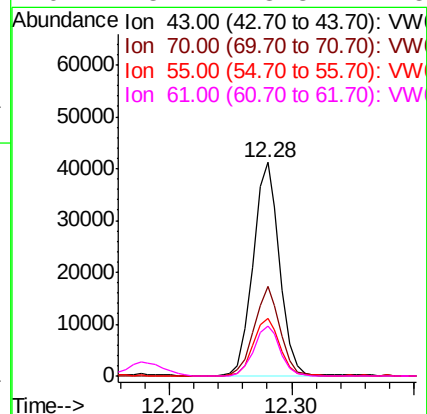
Ion Ratio Lower Upper

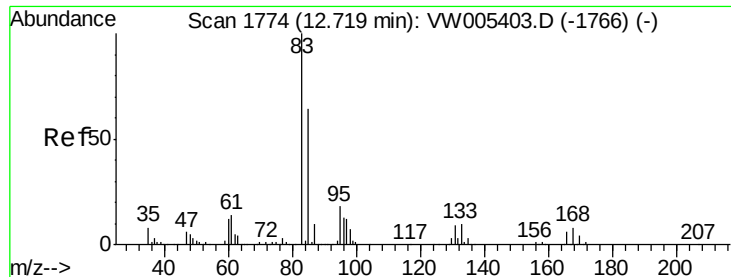
43 100

70 41.0 31.9 47.9

55 27.2 21.4 32.0

61 23.2 18.3 27.5





#75

1,1,2,2-Tetrachloroethane

Concen: 19.02 ug/l

RT: 12.72 min Scan# 1774

Delta R.T. 0.00 min

Lab File: VW005426.D

Acq: 17 Sep 2018 12:06

Instrument :

MSVOA_W

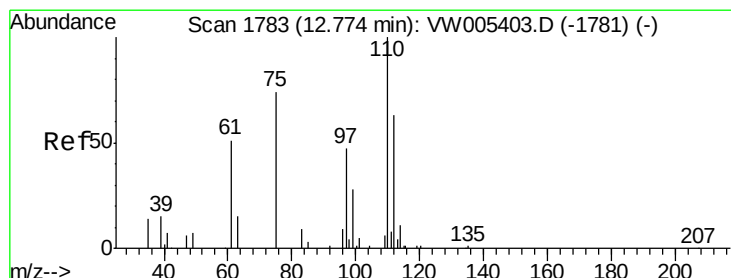
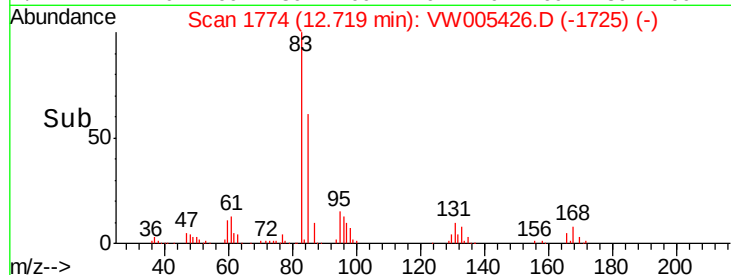
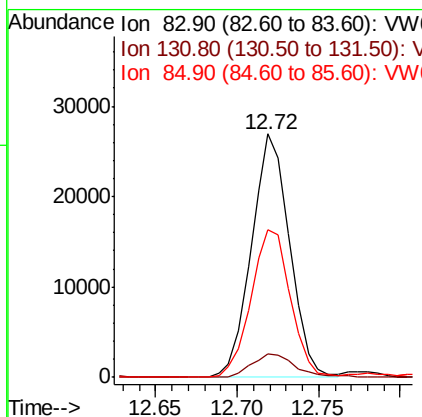
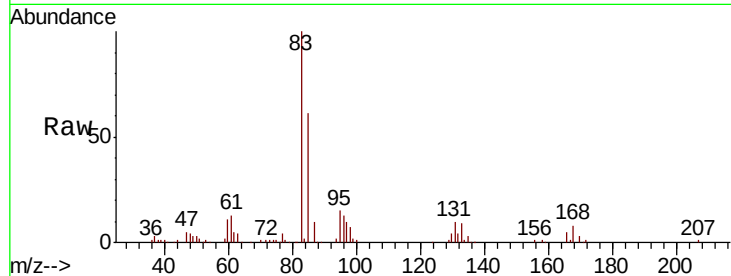
ClientSampleId :

VW0917SBSD01

Tot Ion:	83	Resp:	43651
Ion Ratio	Lower	Upper	
83	100		
131	10.9	5.7	17.1
85	62.5	31.6	95.0

Manual Integrations
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#76

1,2,3-Trichloropropane

Concen: 16.81 ug/l m

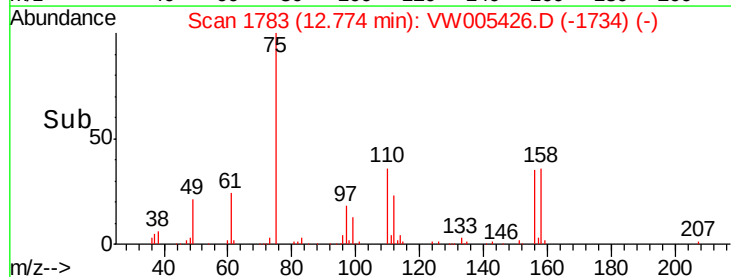
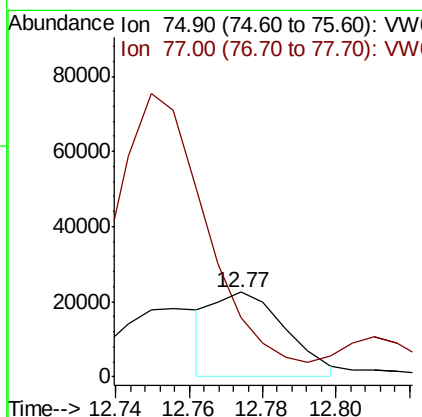
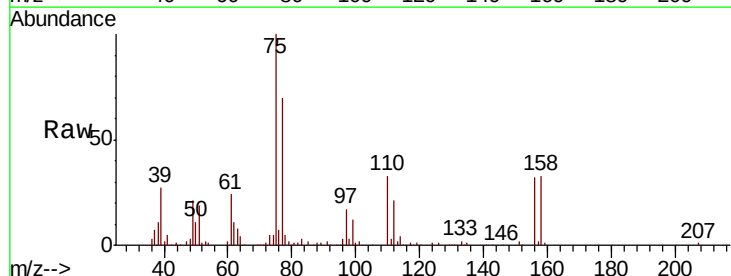
RT: 12.77 min Scan# 1783

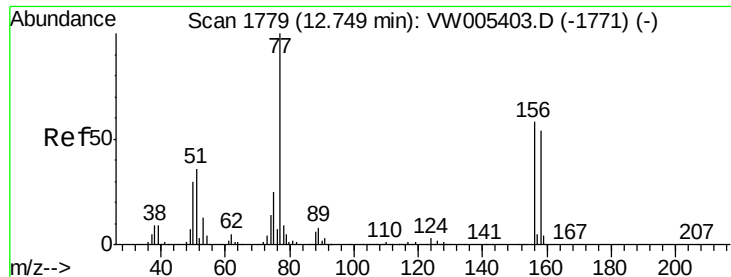
Delta R.T. 0.00 min

Lab File: VW005426.D

Acq: 17 Sep 2018 12:06

Tgt Ion:	75	Resp:	31001
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





#77

Bromobenzene

Concen: 19.24 ug/l

RT: 12.76 min Scan# 1780

Delta R.T. 0.01 min

Lab File: VW005426.D

Acq: 17 Sep 2018 12:06

Instrument :

MSVOA_W

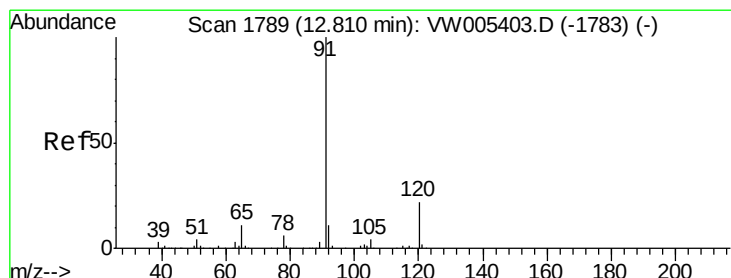
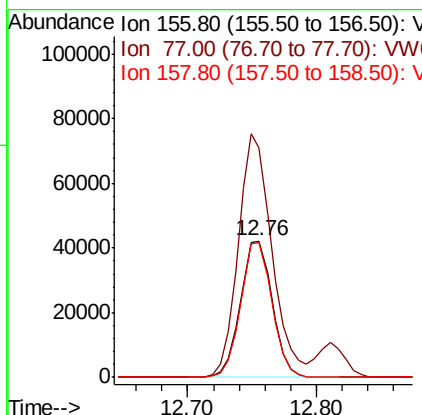
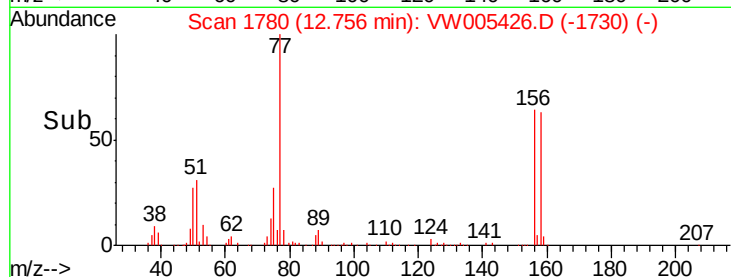
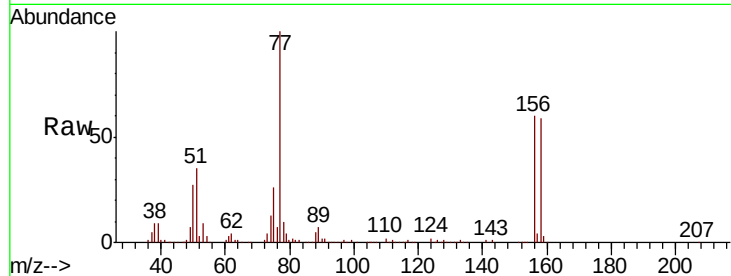
ClientSampled :

VW0917SBS01

Tot Ion	Ion	Ratio	Lower	Upper
156	100			
77	189.7	92.8	278.3	
158	97.5	48.2	144.6	

Manual Integrations
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#78

n-propylbenzene

Concen: 21.13 ug/l

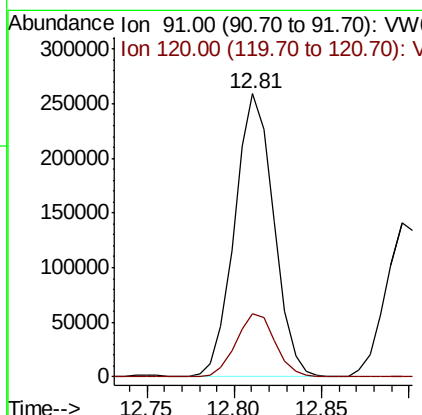
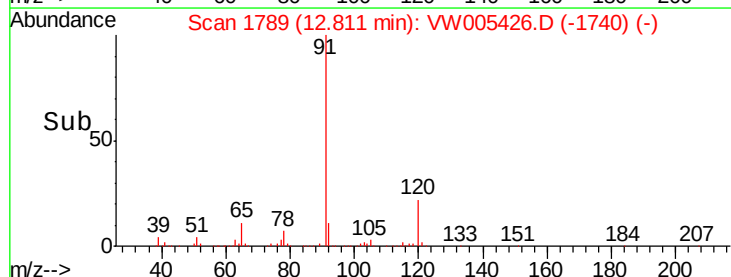
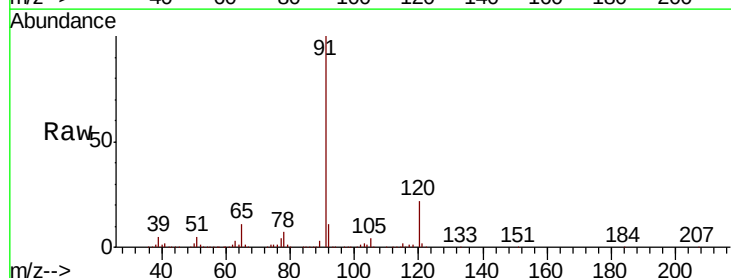
RT: 12.81 min Scan# 1789

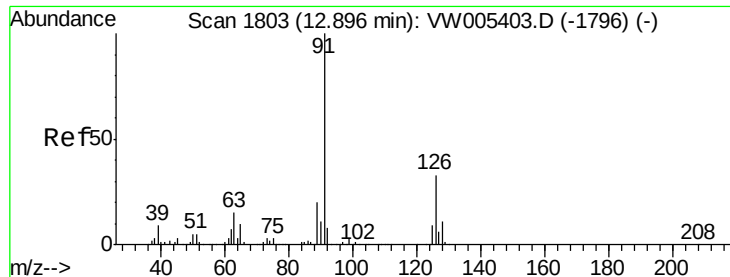
Delta R.T. 0.00 min

Lab File: VW005426.D

Acq: 17 Sep 2018 12:06

Tgt Ion	Ion	Ratio	Lower	Upper
91	100			
120	22.3	11.3	33.8	





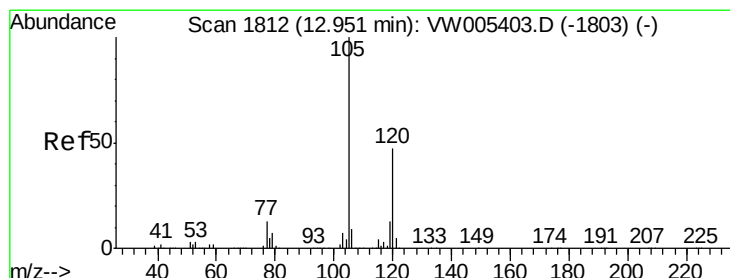
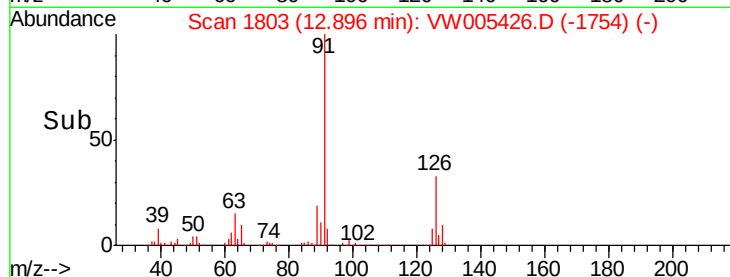
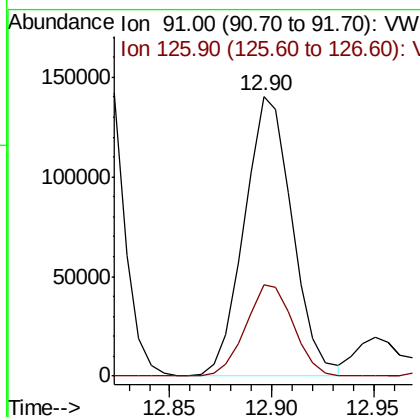
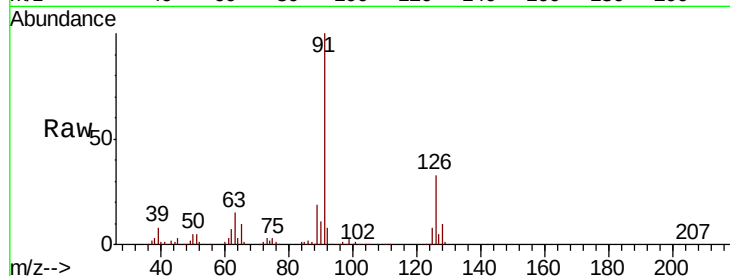
#79
 2-Chlorotoluene
 Concen: 20.45 ug/l
 RT: 12.90 min Scan# 1803
 Delta R.T. 0.00 min
 Lab File: VW005426.D
 Acq: 17 Sep 2018 12:06

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0917SBSD01

Tot Ion: 91 Resp: 229082
 Ion Ratio Lower Upper
 91 100
 126 32.5 16.4 49.1

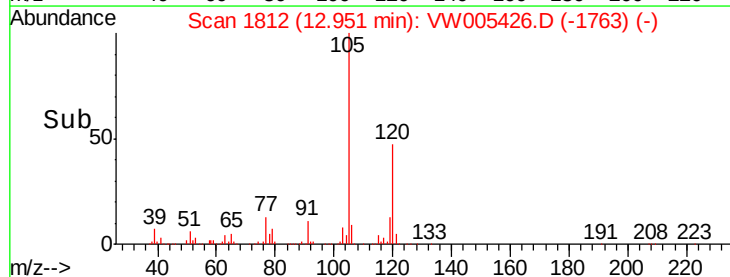
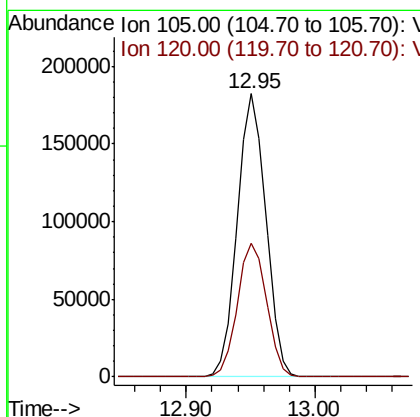
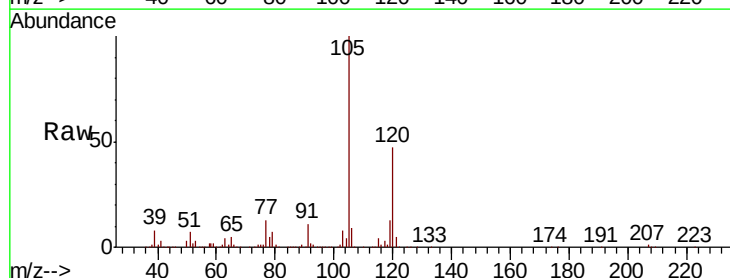
Manual Integrations
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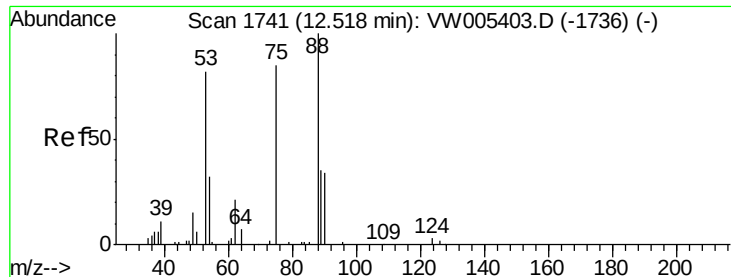
apatel
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#80
 1,3,5-Trimethylbenzene
 Concen: 20.41 ug/l
 RT: 12.95 min Scan# 1812
 Delta R.T. 0.00 min
 Lab File: VW005426.D
 Acq: 17 Sep 2018 12:06

Tgt Ion: 105 Resp: 280198
 Ion Ratio Lower Upper
 105 100
 120 48.1 23.5 70.5





#81

trans-1,4-Dichloro-2-butene

Concen: 18.90 ug/l

RT: 12.52 min Scan# 1741

Delta R.T. 0.00 min

Lab File: VW005426.D

Acq: 17 Sep 2018 12:06

Instrument :

MSVOA_W

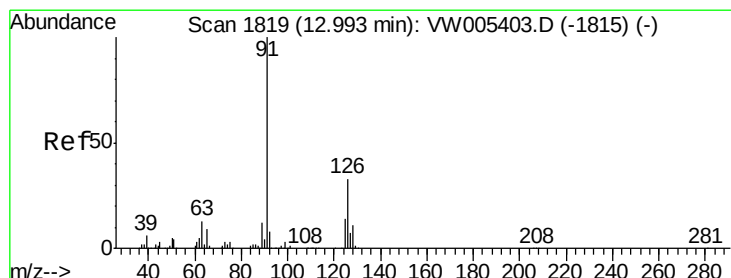
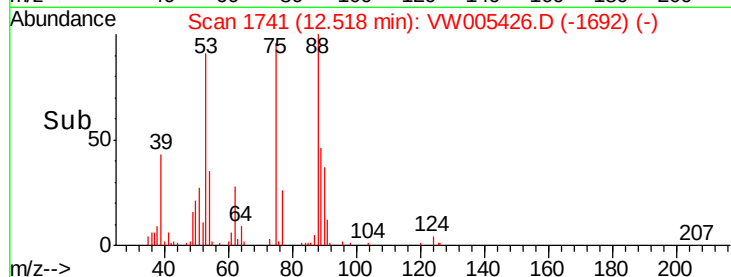
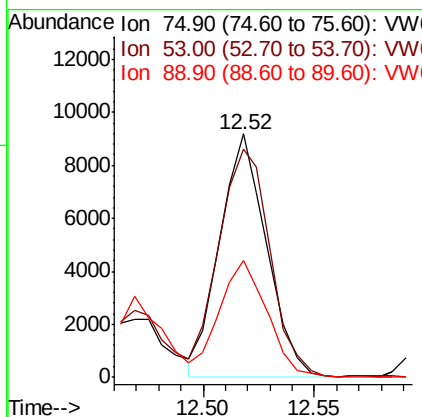
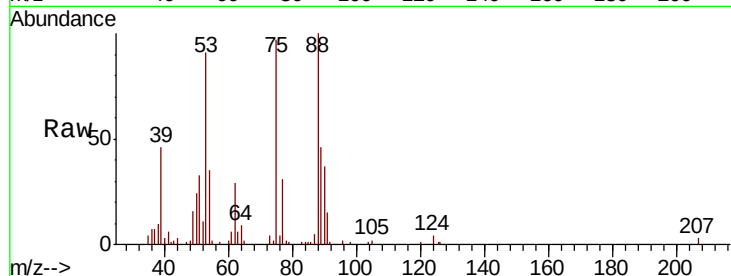
ClientSampleId :

VW0917SBS01

Tot Ion:	75	Resp:	13438
Ion	Ratio	Lower	Upper
75	100		
53	102.2	83.2	124.8
89	49.2	36.6	54.8

Manual Integrations
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#82

4-Chlorotoluene

Concen: 20.21 ug/l

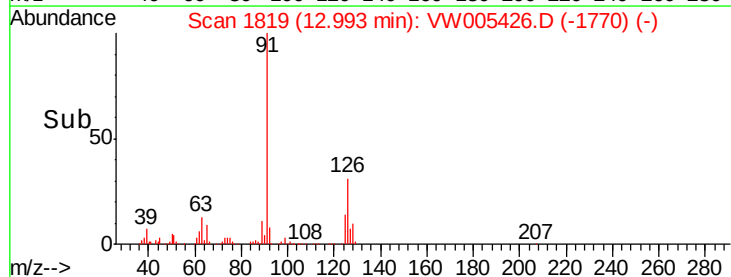
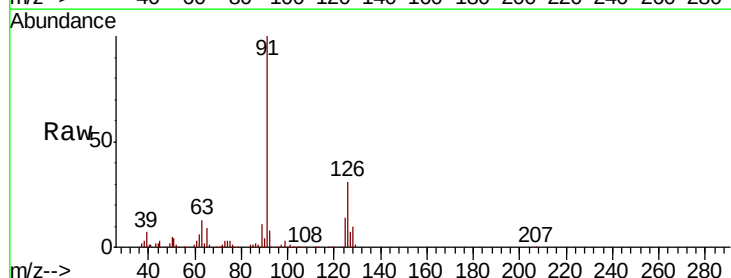
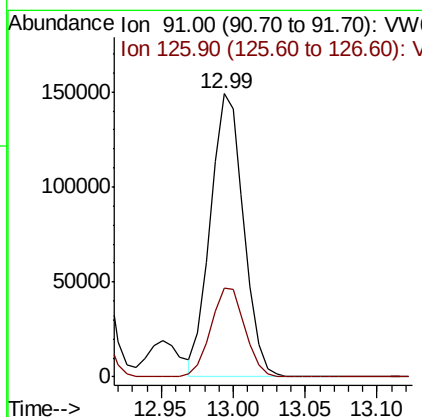
RT: 12.99 min Scan# 1819

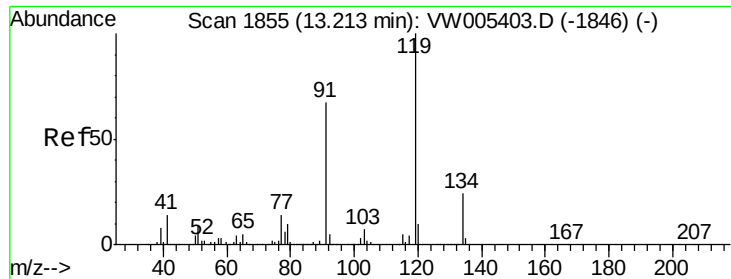
Delta R.T. 0.00 min

Lab File: VW005426.D

Acq: 17 Sep 2018 12:06

Tgt Ion:	91	Resp:	238923
Ion	Ratio	Lower	Upper
91	100		
126	32.4	16.4	49.1





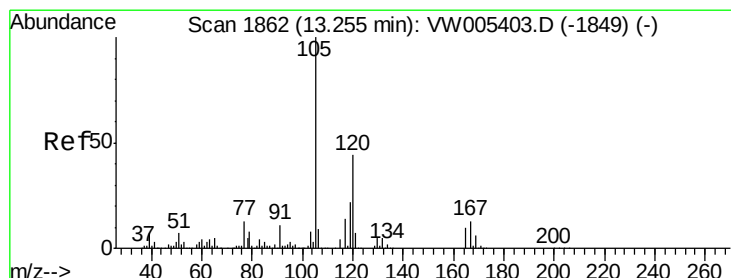
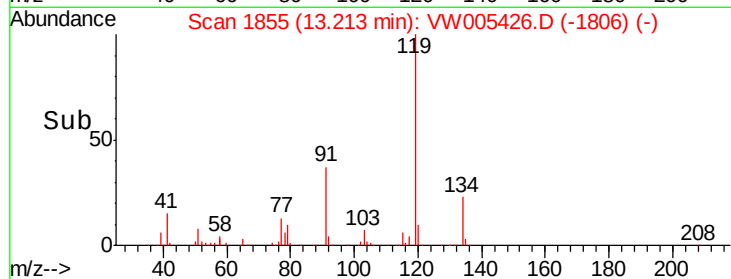
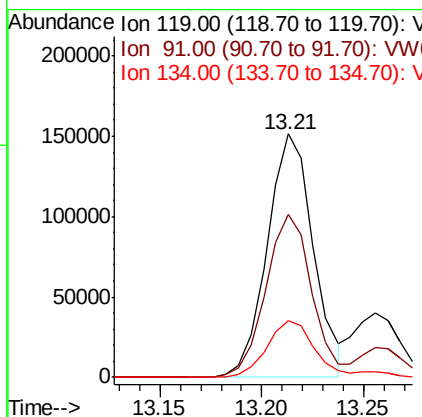
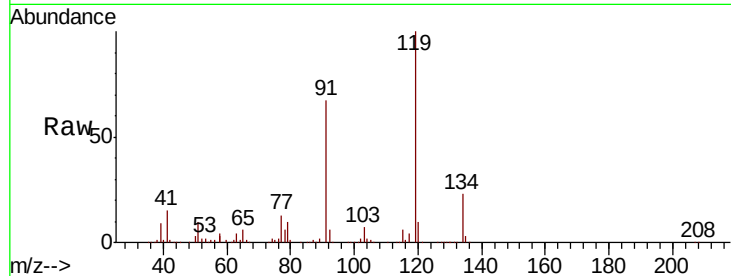
#83
 tert-Butylbenzene
 Concen: 20.89 ug/l
 RT: 13.21 min Scan# 1855
 Delta R.T. 0.00 min
 Lab File: VW005426.D
 Acq: 17 Sep 2018 12:06

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0917SBSD01

Tot Ion	Ratio	Resp	Lower	Upper
119	100	238154		
91	67.8	34.4	103.2	
134	25.4	12.7	38.0	

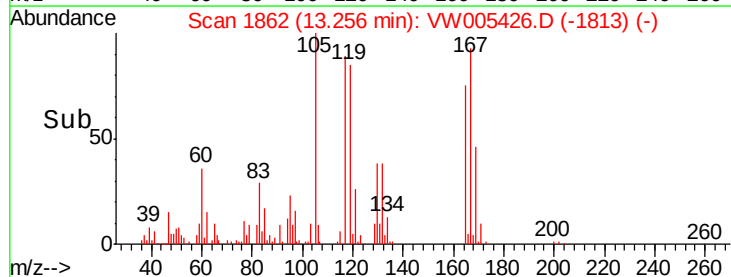
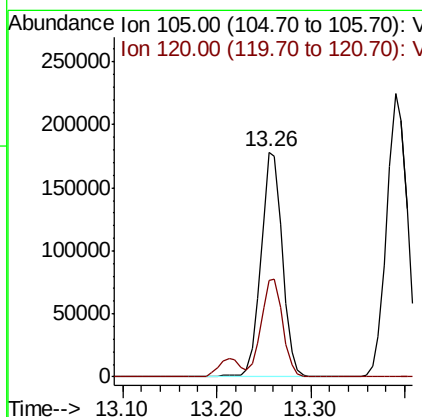
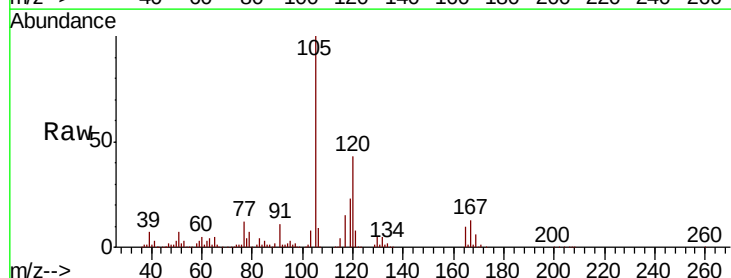
Manual Integrations
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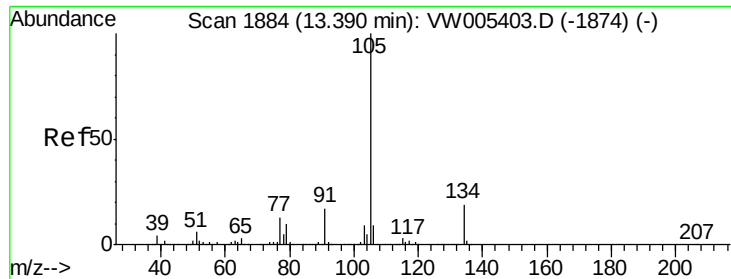
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#84
 1,2,4-Trimethylbenzene
 Concen: 20.51 ug/l
 RT: 13.26 min Scan# 1862
 Delta R.T. 0.00 min
 Lab File: VW005426.D
 Acq: 17 Sep 2018 12:06

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	285776		
120	43.7	21.8	65.3	





#85

sec-Butylbenzene

Concen: 20.92 ug/l

RT: 13.39 min Scan# 1884

Delta R.T. 0.00 min

Lab File: VW005426.D

Acq: 17 Sep 2018 12:06

Instrument :

MSVOA_W

ClientSampleId :

VW0917SBS01

Tot Ion:105 Resp: 344667

Ion Ratio Lower Upper

105 100

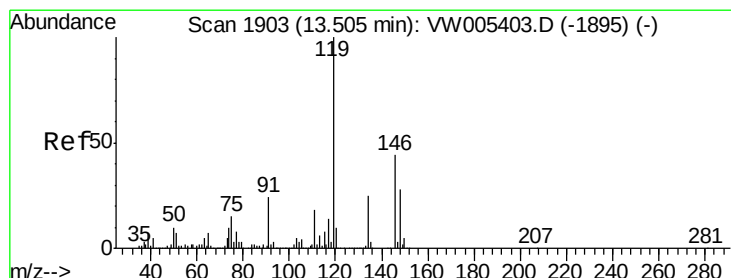
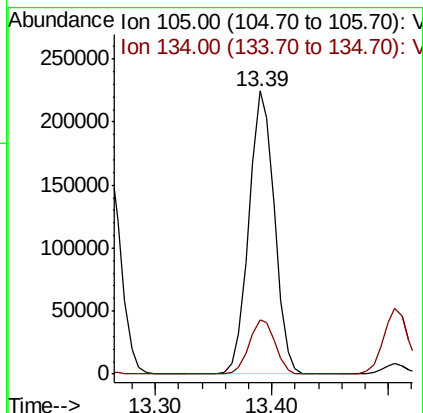
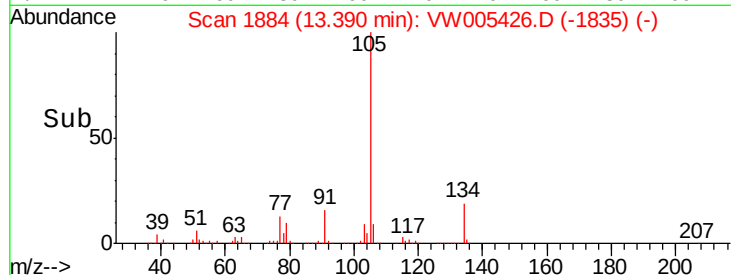
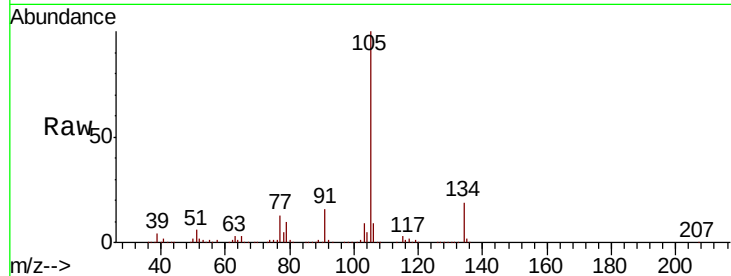
134 19.4 9.8 29.5

Manual Integrations

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#86

p-Isopropyltoluene

Concen: 20.75 ug/l

RT: 13.51 min Scan# 1903

Delta R.T. 0.00 min

Lab File: VW005426.D

Acq: 17 Sep 2018 12:06

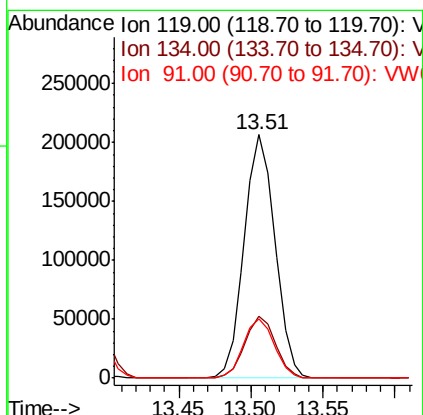
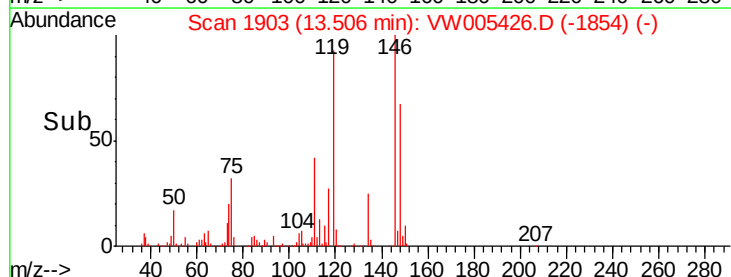
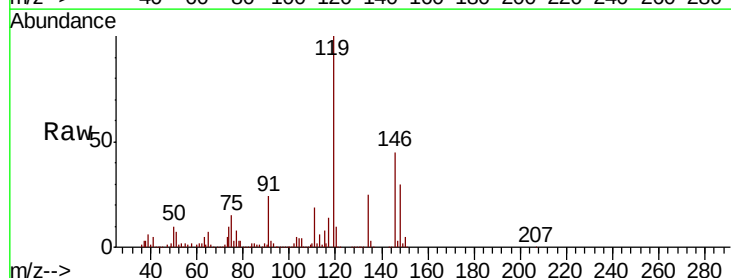
Tgt Ion:119 Resp: 305686

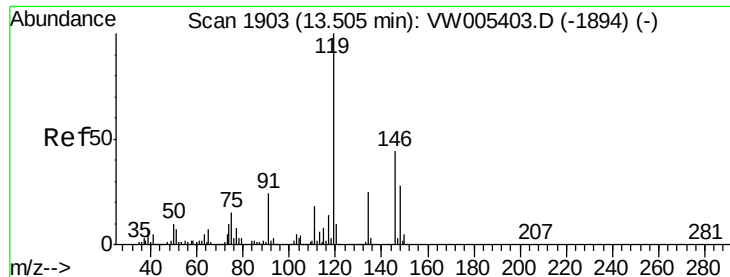
Ion Ratio Lower Upper

119 100

134 25.3 12.6 37.8

91 24.3 12.0 36.0





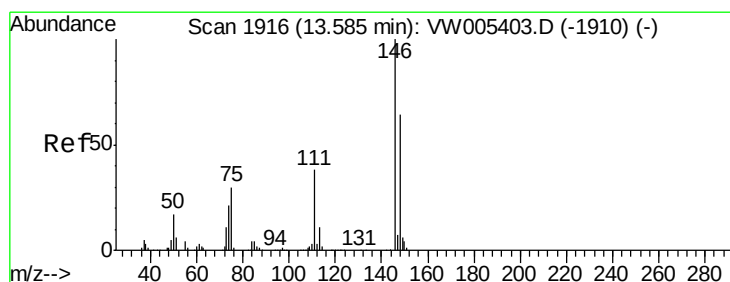
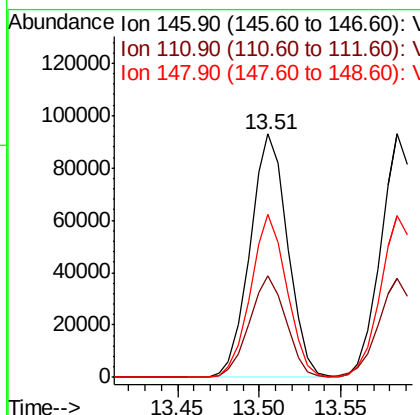
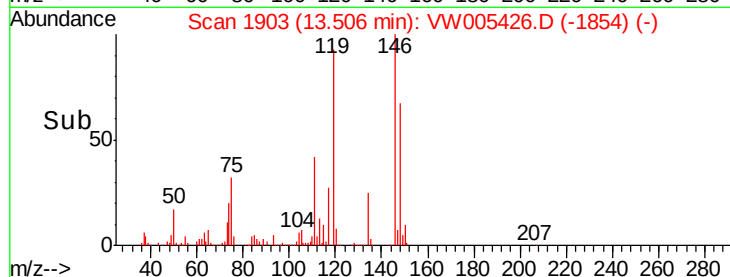
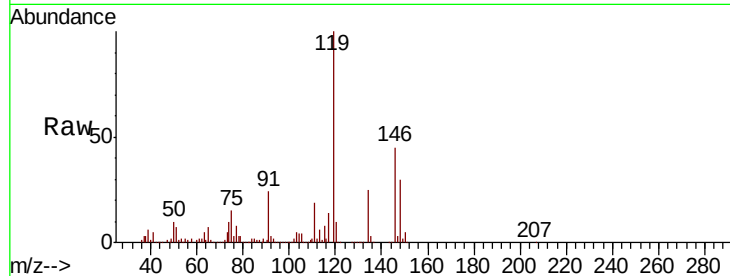
#87
 1,3-Dichlorobenzene
 Concen: 19.79 ug/l
 RT: 13.51 min Scan# 1903
 Delta R.T. 0.00 min
 Lab File: VW005426.D
 Acq: 17 Sep 2018 12:06

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0917SBSD01

Tot Ion	Ratio	Resp	Lower	Upper
146	100	149263		
111	40.6	20.4	61.2	
148	64.5	32.0	96.0	

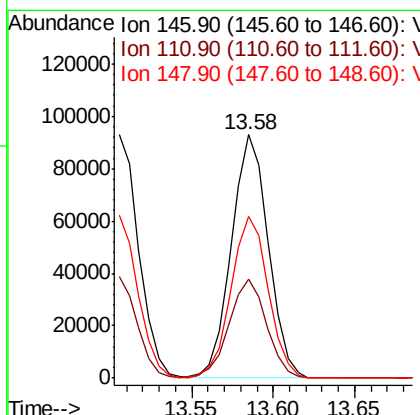
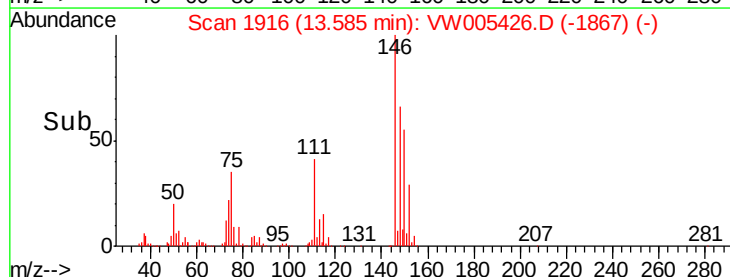
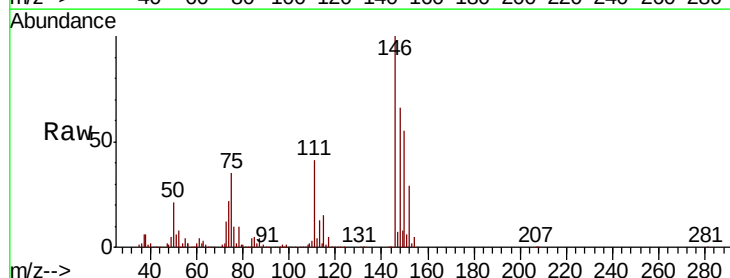
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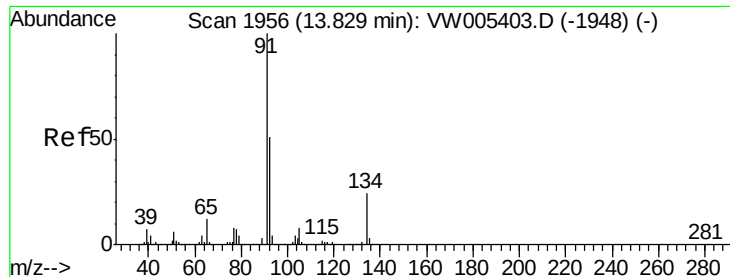
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#88
 1,4-Dichlorobenzene
 Concen: 19.66 ug/l
 RT: 13.58 min Scan# 1916
 Delta R.T. 0.00 min
 Lab File: VW005426.D
 Acq: 17 Sep 2018 12:06

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	145996		
111	41.5	19.6	58.8	
148	66.8	31.8	95.4	





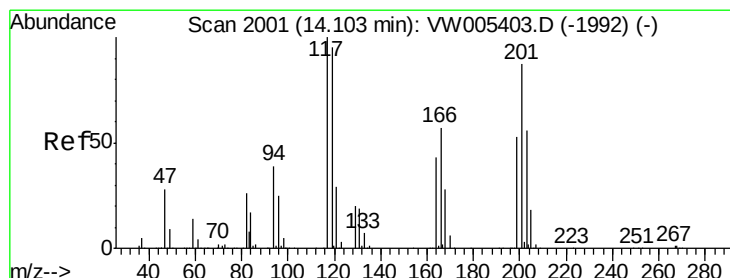
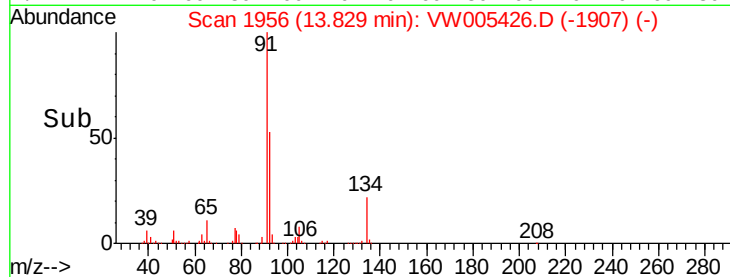
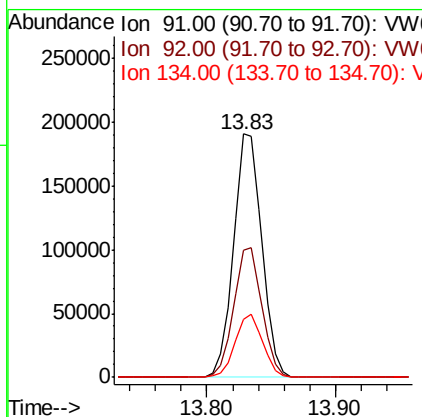
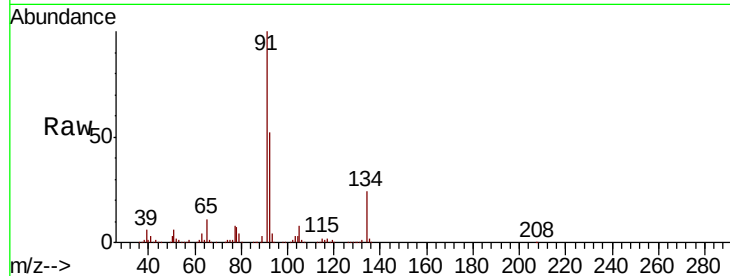
#89
n-Butylbenzene
Concen: 21.29 ug/l
RT: 13.83 min Scan# 1956
Delta R.T. 0.00 min
Lab File: VW005426.D
Acq: 17 Sep 2018 12:06

Instrument :
MSVOA_W
ClientSampled :
VW0917SBS01

Tot Ion	Ratio	Lower	Upper
91	100		
92	52.7	26.2	78.6
134	25.2	12.7	38.1

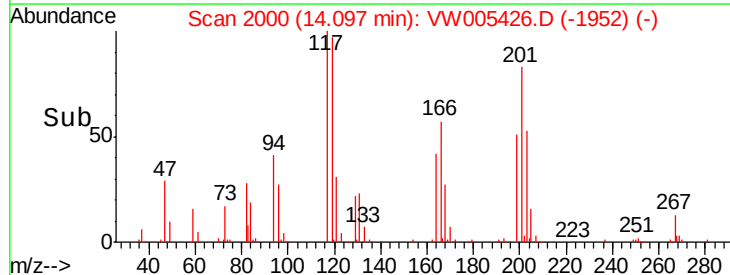
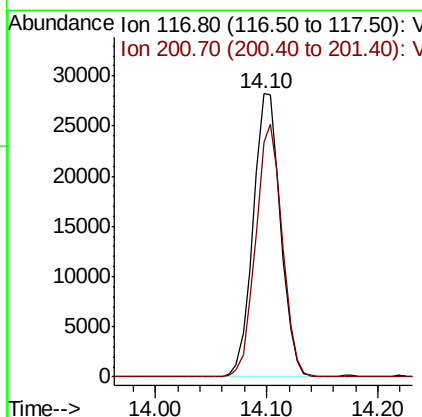
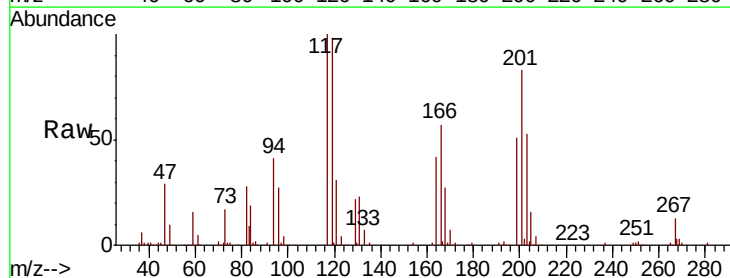
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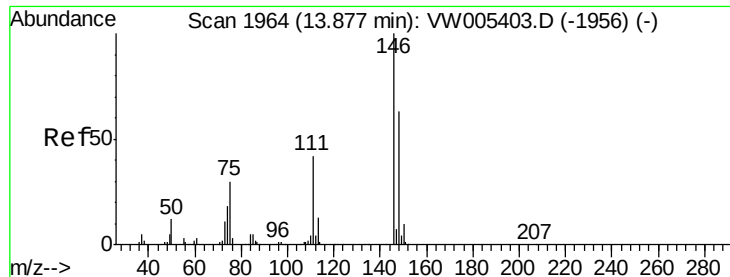
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#90
Hexachloroethane
Concen: 19.22 ug/l
RT: 14.10 min Scan# 2000
Delta R.T. -0.01 min
Lab File: VW005426.D
Acq: 17 Sep 2018 12:06

Tgt Ion	Ratio	Lower	Upper
117	100		
201	86.4	42.5	127.5





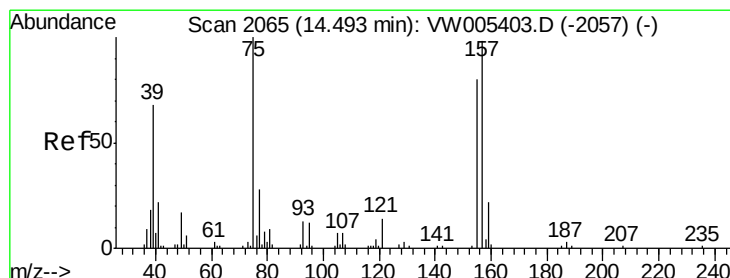
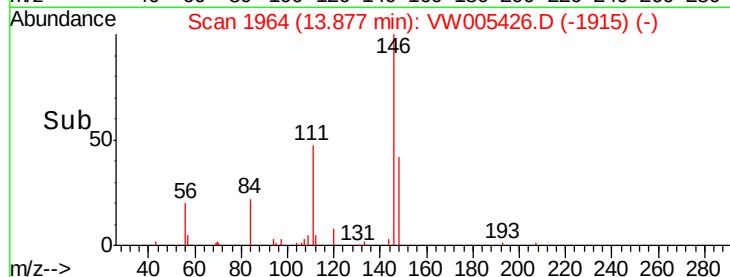
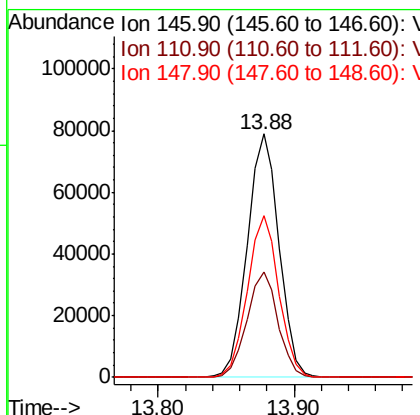
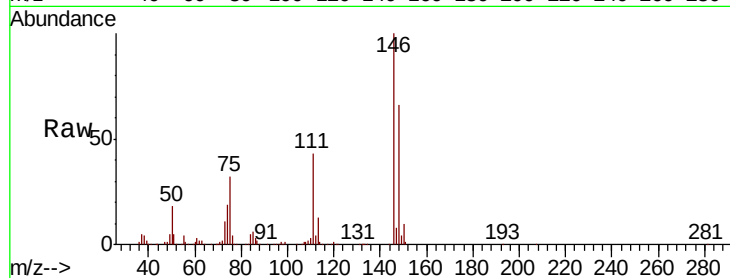
#91
 1,2-Dichlorobenzene
 Concen: 19.54 ug/l
 RT: 13.88 min Scan# 1964
 Delta R.T. 0.00 min
 Lab File: VW005426.D
 Acq: 17 Sep 2018 12:06

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0917SBSD01

Tot Ion	Ratio	Lower	Upper
146	100		
111	42.3	21.0	63.0
148	65.4	31.9	95.9

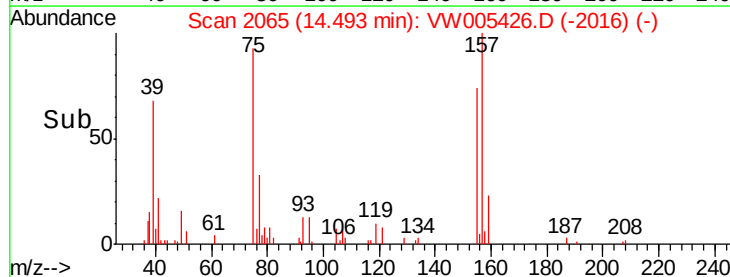
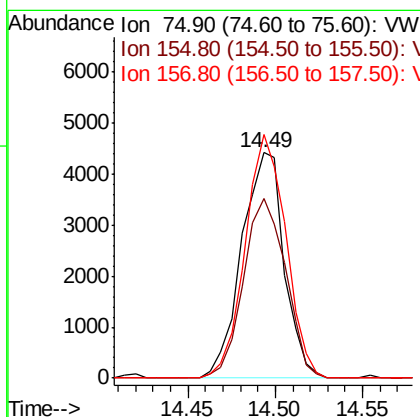
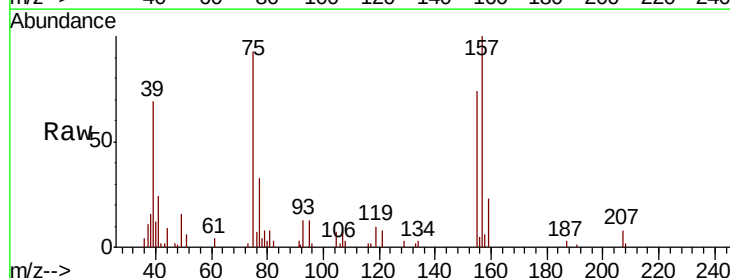
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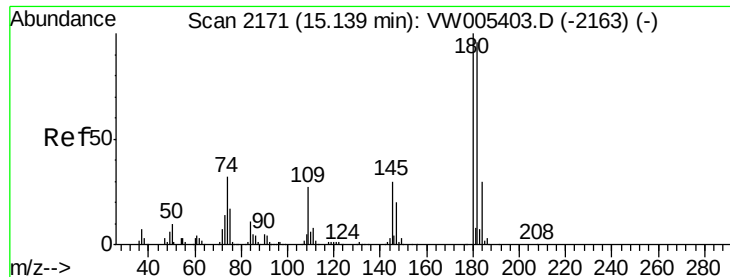
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 16.93 ug/l
 RT: 14.49 min Scan# 2065
 Delta R.T. 0.00 min
 Lab File: VW005426.D
 Acq: 17 Sep 2018 12:06

Tgt Ion	Ratio	Lower	Upper
75	100		
155	79.2	39.0	117.0
157	103.3	49.9	149.6





#93

1,2,4-Trichlorobenzene

Concen: 20.67 ug/l

RT: 15.15 min Scan# 2172

Delta R.T. 0.01 min

Lab File: VW005426.D

Acq: 17 Sep 2018 12:06

Instrument :

MSVOA_W

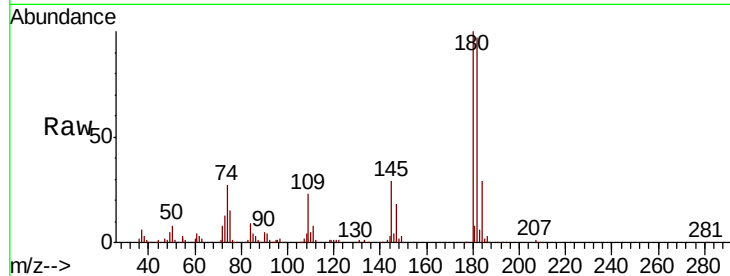
ClientSampleId :

VW0917SBSD01

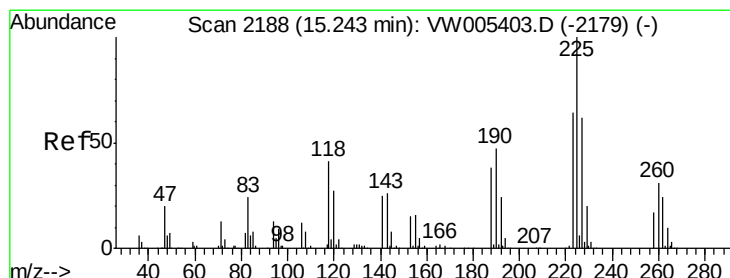
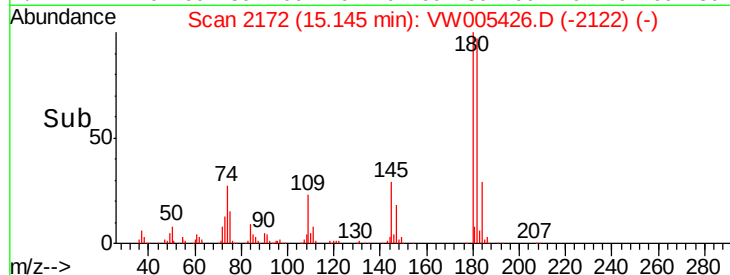
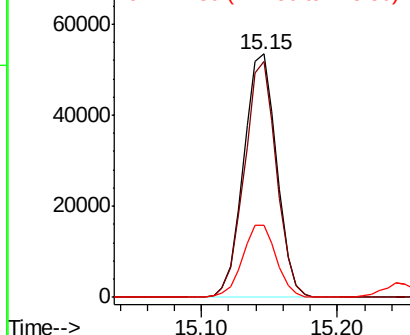
Tot Ion:	180	Resp:	90898
Ion Ratio	Lower	Upper	
180	100		
182	94.4	47.3	141.9
145	30.4	14.8	44.3

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



#94

Hexachlorobutadiene

Concen: 21.05 ug/l

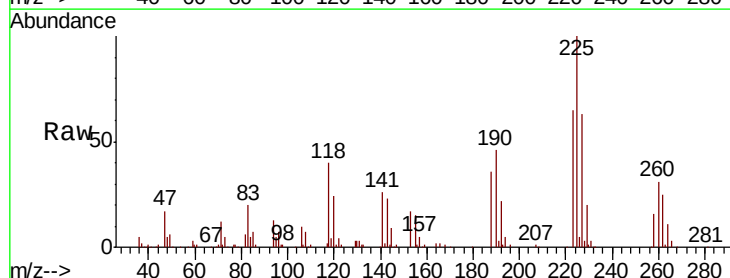
RT: 15.25 min Scan# 2189

Delta R.T. 0.01 min

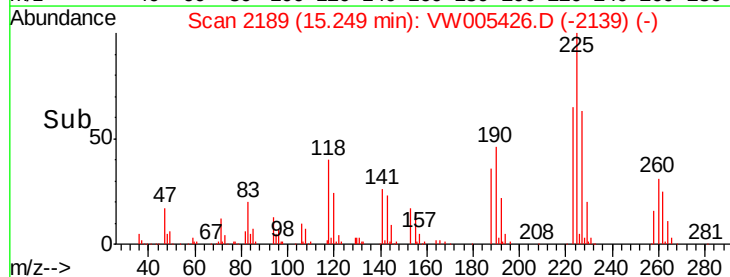
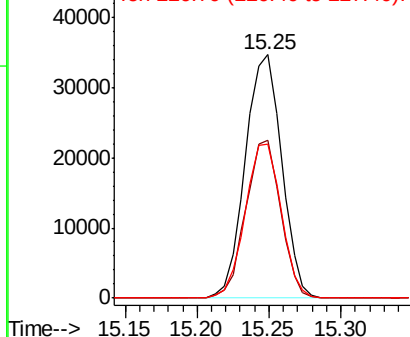
Lab File: VW005426.D

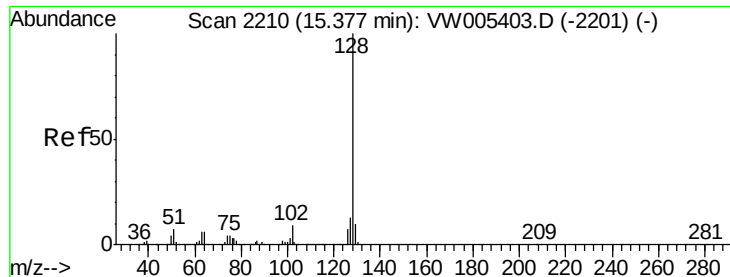
Acq: 17 Sep 2018 12:06

Tgt Ion:	225	Resp:	60459
Ion Ratio	Lower	Upper	
225	100		
223	62.3	31.2	93.6
227	62.8	31.6	95.0



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





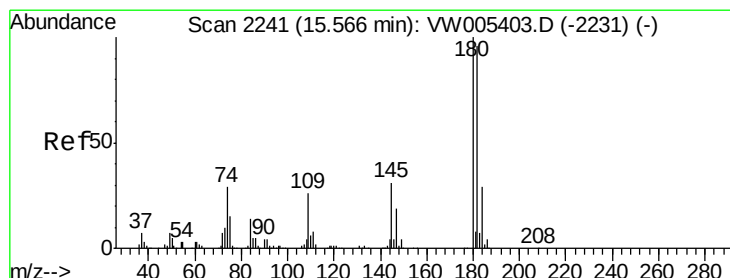
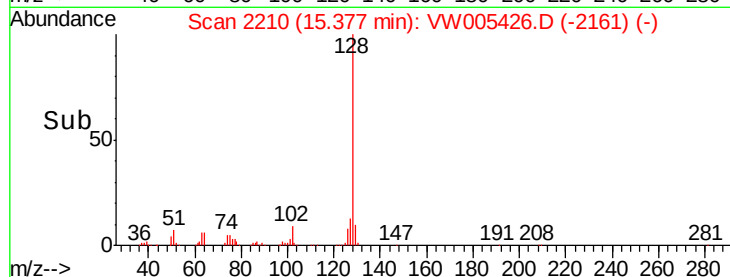
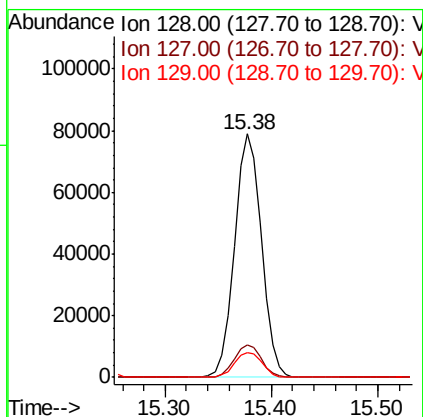
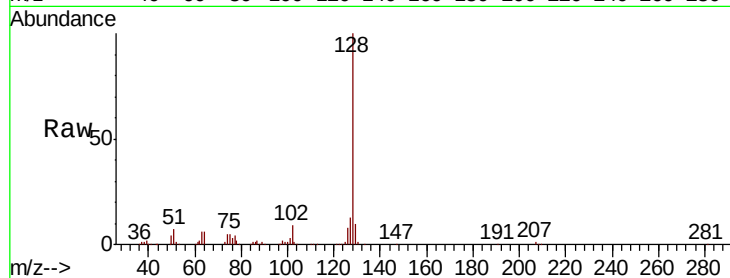
#95
Naphthalene
Concen: 19.07 ug/l
RT: 15.38 min Scan# 2210
Delta R.T. 0.00 min
Lab File: VW005426.D
Acq: 17 Sep 2018 12:06

Instrument :
MSVOA_W
ClientSampleId :
VW0917SBSD01

Tot Ion	Ratio	Resp	Lower	Upper
128	100	139763		
127	13.7		11.0	16.4
129	10.6		8.7	13.1

Manual Integrations
APPROVED

apatel
9/18/2018 12:51:57 PM



#96
1,2,3-Trichlorobenzene
Concen: 19.91 ug/l
RT: 15.57 min Scan# 2241
Delta R.T. 0.00 min
Lab File: VW005426.D
Acq: 17 Sep 2018 12:06

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	76441		
182	96.4		48.1	144.4
145	31.8		15.9	47.7

