

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW082018\
 Data File : VW004786.D
 Acq On : 20 Aug 2018 13:11
 Operator : SY/AP
 Sample : VW0820SBS01
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0820SBS01

Manual Integrations
 APPROVED

apatel
 8/21/2018 11:31:20 AM

Quant Time: Aug 20 14:41:05 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W081918S.M
 Quant Title : SW846 8260
 QLast Update : Sat Aug 18 01:49:53 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	666317	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	980711	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	868060	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	473901	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	282165	43.80	ug/l	0.00
Spiked Amount	50.000		Recovery	=	87.60%	
35) Dibromofluoromethane	7.88	113	305741	48.78	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.56%	
50) Toluene-d8	10.33	98	1246118	50.93	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.86%	
62) 4-Bromofluorobenzene	12.62	95	425334	48.32	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.64%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.01	85	89393	20.25	ug/l	96
3) Chloromethane	2.21	50	113805	19.72	ug/l	98
4) Vinyl Chloride	2.37	62	180861	21.29	ug/l	99
5) Bromomethane	2.78	94	111830	21.32	ug/l	96
6) Chloroethane	2.93	64	107730	21.02	ug/l	100
7) Trichlorofluoromethane	3.26	101	97438	24.35	ug/l	99
8) Diethyl Ether	3.68	74	66985	18.51	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	4.06	101	146791	21.30	ug/l	99
10) Methyl Iodide	4.26	142	218262	20.86	ug/l	100
11) Tert butyl alcohol	5.22	59	29420	81.75	ug/l	97
12) 1,1-Dichloroethene	4.03	96	141087	20.55	ug/l	98
13) Acrolein	3.89	56	43122	89.29	ug/l	97
14) Allyl chloride	4.66	41	204098	19.59	ug/l	99
15) Acrylonitrile	5.38	53	127309	83.90	ug/l	100
16) Acetone	4.14	43	152720	92.87	ug/l	99
17) Carbon Disulfide	4.37	76	470621	20.86	ug/l	99
18) Methyl Acetate	4.68	43	58046	16.47	ug/l	100
19) Methyl tert-butyl Ether	5.43	73	166974	18.73	ug/l	99
20) Methylene Chloride	4.90	84	173899	20.63	ug/l	98
21) trans-1,2-Dichloroethene	5.42	96	145471	19.91	ug/l	97
22) Diisopropyl ether	6.31	45	407602	20.35	ug/l	99
23) Vinyl Acetate	6.26	43	1034980	91.36	ug/l	99
24) 1,1-Dichloroethane	6.21	63	260936	20.05	ug/l	100
25) 2-Butanone	7.18	43	199257	85.04	ug/l	99
26) 2,2-Dichloropropane	7.17	77	168224	22.38	ug/l	98
27) cis-1,2-Dichloroethene	7.17	96	159560	20.29	ug/l	100
28) Bromochloromethane	7.51	49	98283	17.93	ug/l	97
29) Tetrahydrofuran	7.54	42	97949	81.98	ug/l	98
30) Chloroform	7.68	83	254514	19.88	ug/l	97
31) Cyclohexane	7.96	56	259186	20.59	ug/l	96
32) 1,1,1-Trichloroethane	7.87	97	216213	21.31	ug/l	99
36) 1,1-Dichloropropene	8.09	75	210403	20.83	ug/l	99
37) Ethyl Acetate	7.26	43	69383	17.23	ug/l	99
38) Carbon Tetrachloride	8.07	117	201259	21.64	ug/l	97

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Quant Time: Aug 20 14:41:05 2018
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 Quant Title : SW846 8260
 QLast Update : Sat Aug 18 01:49:53 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	270976	21.45	ug/l	98
40) Benzene	8.32	78	604412	20.59	ug/l	99
41) Methacrylonitrile	7.49	41	42546	18.61	ug/l	97
42) 1,2-Dichloroethane	8.40	62	143564	19.07	ug/l	99
43) Isopropyl Acetate	8.43	43	124341	17.19	ug/l	97
44) Trichloroethene	9.09	130	157610	21.15	ug/l	98
45) 1,2-Dichloropropane	9.37	63	143705	20.01	ug/l	99
46) Dibromomethane	9.46	93	66961	18.82	ug/l	98
47) Bromodichloromethane	9.65	83	167959	19.77	ug/l	99
48) Methyl methacrylate	9.44	41	61313	18.06	ug/l	97
49) 1,4-Dioxane	9.48	88	19397	373.14	ug/l #	84
51) 4-Methyl-2-Pentanone	10.21	43	418295	85.56	ug/l	99
52) Toluene	10.39	92	375177	21.31	ug/l	99
53) t-1,3-Dichloropropene	10.61	75	165894	19.38	ug/l	99
54) cis-1,3-Dichloropropene	10.07	75	202555	19.85	ug/l	97
55) 1,1,2-Trichloroethane	10.79	97	98052	19.39	ug/l	97
56) Ethyl methacrylate	10.65	69	107039	18.21	ug/l	99
57) 1,3-Dichloropropane	10.94	76	165705	18.98	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.93	63	271023	97.03	ug/l	99
59) 2-Hexanone	10.98	43	289360	87.35	ug/l	99
60) Dibromochloromethane	11.13	129	108011	19.03	ug/l	100
61) 1,2-Dibromoethane	11.24	107	90682	18.76	ug/l	100
64) Tetrachloroethene	10.87	164	134053	22.60	ug/l	98
65) Chlorobenzene	11.66	112	392849	21.03	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.73	131	132228	20.96	ug/l	97
67) Ethyl Benzene	11.74	91	687918	21.72	ug/l	99
68) m/p-Xylenes	11.85	106	554692	45.01	ug/l	98
69) o-Xylene	12.17	106	249720	21.89	ug/l	96
70) Styrene	12.19	104	414706	21.64	ug/l	99
71) Bromoform	12.35	173	65652	19.72	ug/l #	99
73) Isopropylbenzene	12.47	105	708598	21.98	ug/l	100
74) N-amyl acetate	12.28	43	118011	18.39	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.72	83	112501	18.84	ug/l	100
76) 1,2,3-Trichloropropane	12.77	75	77329m	18.51	ug/l	
77) Bromobenzene	12.75	156	162853	20.87	ug/l	96
78) n-propylbenzene	12.81	91	872784	22.18	ug/l	99
79) 2-Chlorotoluene	12.90	91	493309	21.75	ug/l	99
80) 1,3,5-Trimethylbenzene	12.95	105	613851	22.41	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.52	75	32924	18.32	ug/l	98
82) 4-Chlorotoluene	12.99	91	519798	21.57	ug/l	100
83) tert-Butylbenzene	13.21	119	504912	21.55	ug/l	99
84) 1,2,4-Trimethylbenzene	13.26	105	628923	22.32	ug/l	100
85) sec-Butylbenzene	13.39	105	766822	21.92	ug/l	99
86) p-Isopropyltoluene	13.51	119	678709	22.30	ug/l	100
87) 1,3-Dichlorobenzene	13.51	146	340194	21.43	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	332376	20.95	ug/l	99
89) n-Butylbenzene	13.83	91	629625	21.40	ug/l	100
90) Hexachloroethane	14.10	117	113486	20.46	ug/l	95
91) 1,2-Dichlorobenzene	13.88	146	298024	20.90	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.49	75	16755	17.95	ug/l	99

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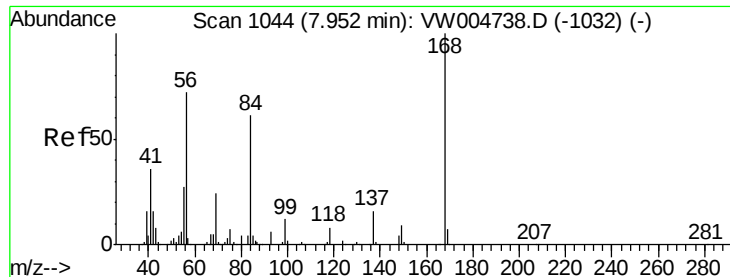
Manual Integrations
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.15	180	209787	20.80	ug/l	98
94) Hexachlorobutadiene	15.24	225	136333	22.03	ug/l	99
95) Naphthalene	15.38	128	324007	18.93	ug/l	99
96) 1,2,3-Trichlorobenzene	15.57	180	182341	20.39	ug/l	100

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



#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.95 min Scan# 1044

Delta R.T. -0.00 min

Lab File: VW004786.D

Acq: 20 Aug 2018 13:11

Instrument :

MSVOA_W

ClientSampleId :

VW0820SBS01

Tot Ion:168 Resp: 666317

Ion Ratio Lower Upper

168 100

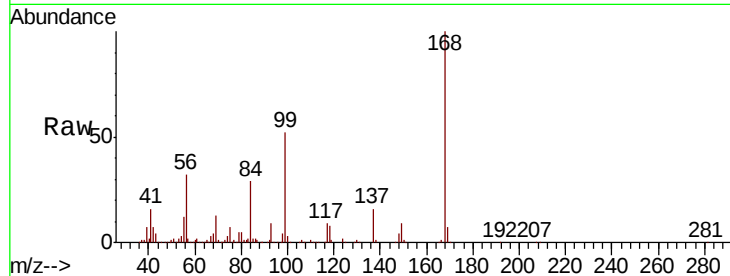
99 51.7 41.0 61.4

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

300000

200000

100000

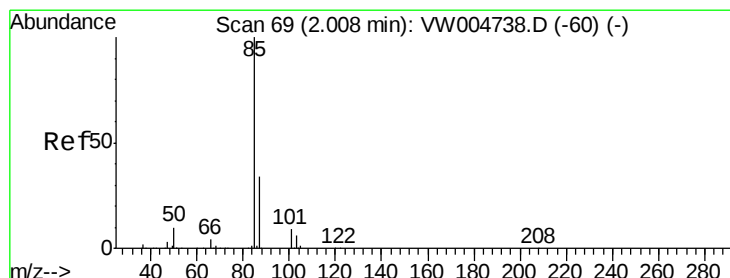
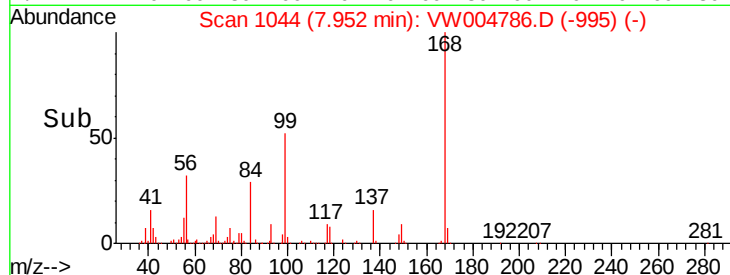
0

7.90

8.00

8.10

Time-->



#2

Dichlorodifluoromethane

Concen: 20.25 ug/l

RT: 2.01 min Scan# 69

Delta R.T. -0.00 min

Lab File: VW004786.D

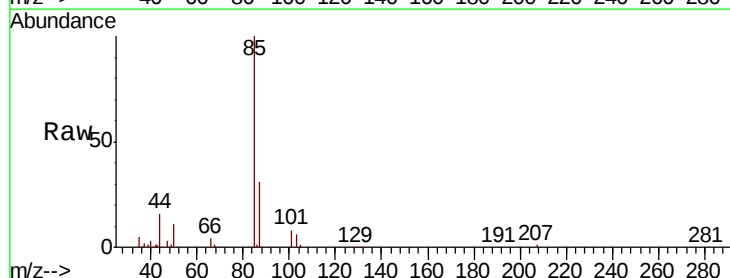
Acq: 20 Aug 2018 13:11

Tgt Ion: 85 Resp: 89393

Ion Ratio Lower Upper

85 100

87 31.2 16.8 50.4



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW

2.01

30000

20000

10000

0

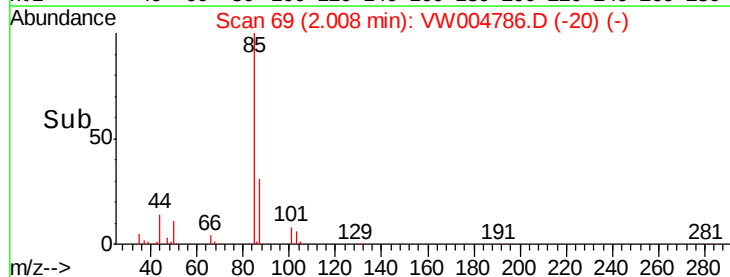
1.90

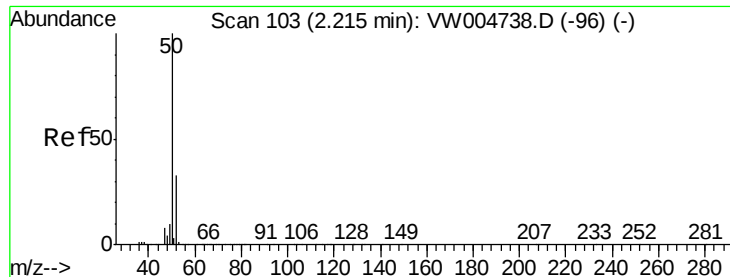
2.00

2.10

2.20

Time-->





#3

Chloromethane

Concen: 19.72 ug/l

RT: 2.21 min Scan# 103

Delta R.T. -0.00 min

Lab File: VW004786.D

Acq: 20 Aug 2018 13:11

Instrument :

MSVOA_W

ClientSampleId :

VW0820SBS01

Tot Ion: 50 Resp: 113805

Ion Ratio Lower Upper

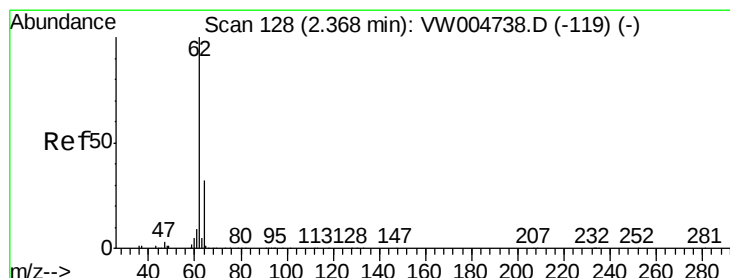
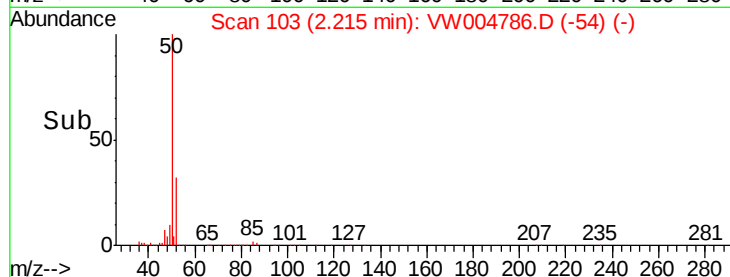
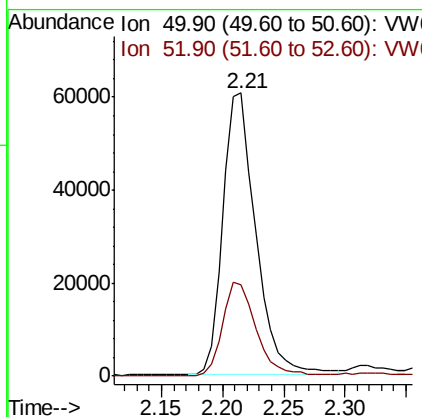
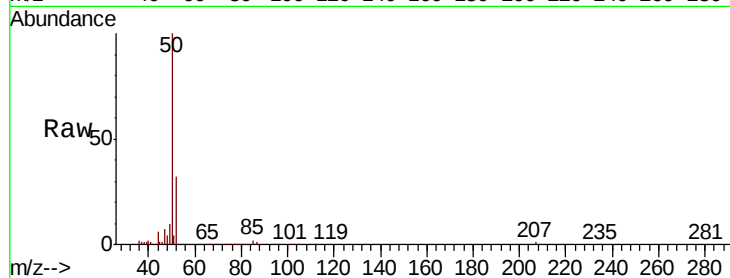
50 100

52 32.2 26.7 40.1

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#4

Vinyl Chloride

Concen: 21.29 ug/l

RT: 2.37 min Scan# 128

Delta R.T. -0.00 min

Lab File: VW004786.D

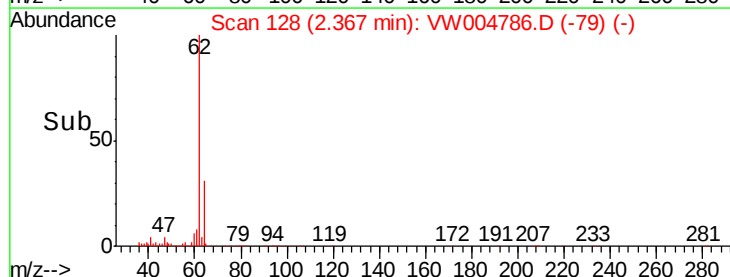
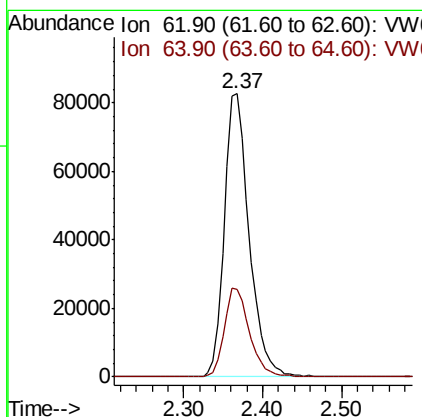
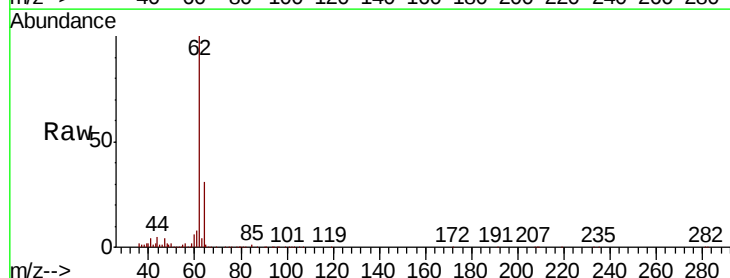
Acq: 20 Aug 2018 13:11

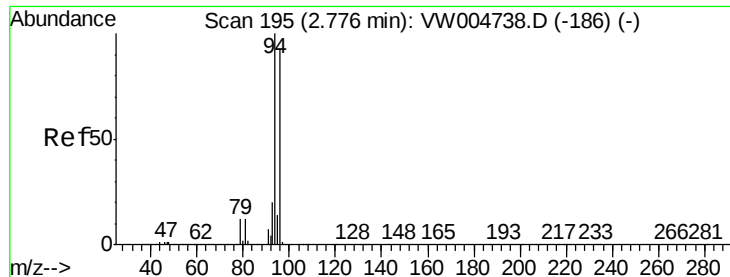
Tgt Ion: 62 Resp: 180861

Ion Ratio Lower Upper

62 100

64 31.1 25.2 37.8





#5

Bromomethane

Concen: 21.32 ug/l

RT: 2.78 min Scan# 196

Delta R.T. 0.01 min

Lab File: VW004786.D

Acq: 20 Aug 2018 13:11

Instrument :

MSVOA_W

ClientSampleId :

VW0820SBS01

Tot Ion: 94 Resp: 111830

Ion Ratio Lower Upper

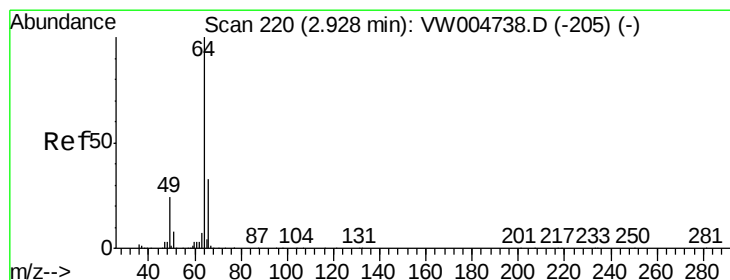
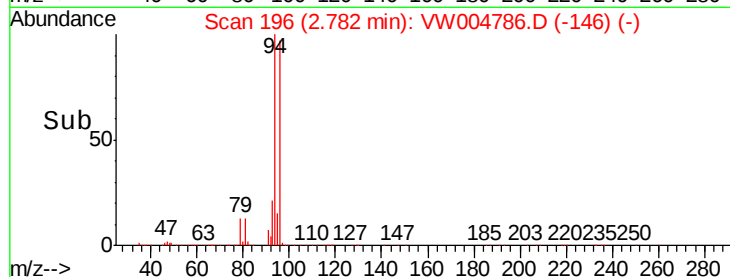
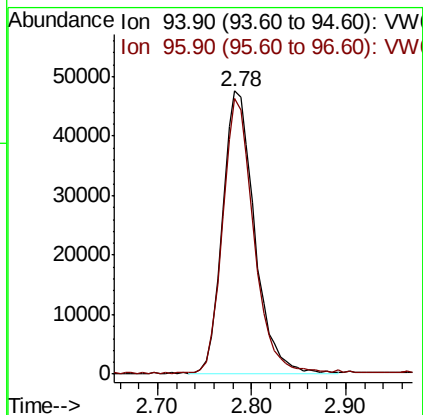
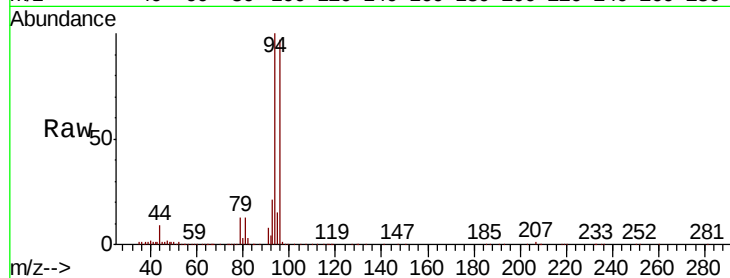
94 100

96 96.9 74.3 111.5

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#6

Chloroethane

Concen: 21.02 ug/l

RT: 2.93 min Scan# 220

Delta R.T. -0.00 min

Lab File: VW004786.D

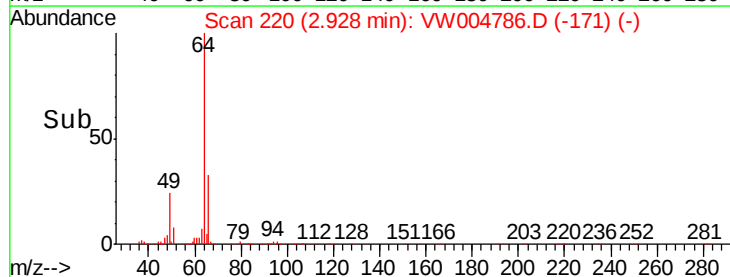
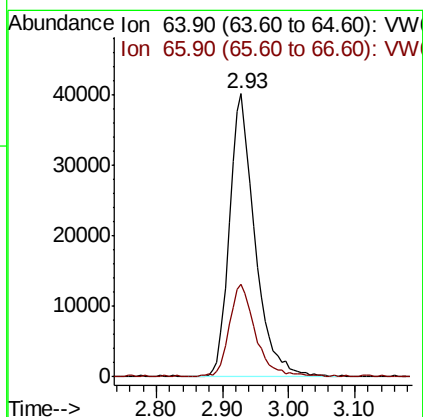
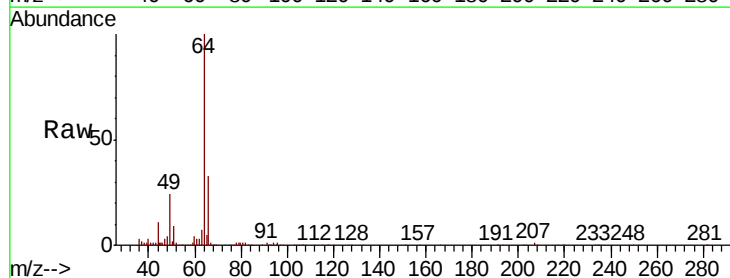
Acq: 20 Aug 2018 13:11

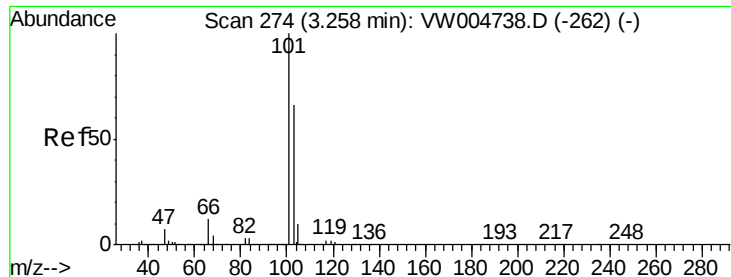
Tgt Ion: 64 Resp: 107730

Ion Ratio Lower Upper

64 100

66 32.4 26.1 39.1





#7

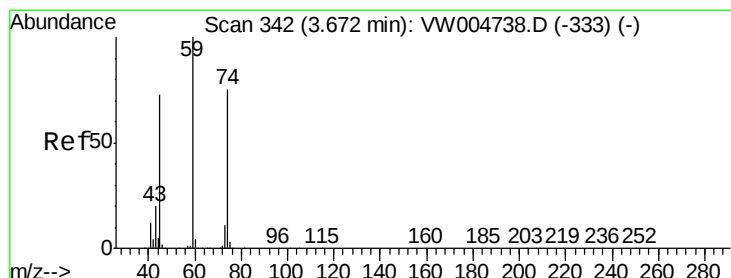
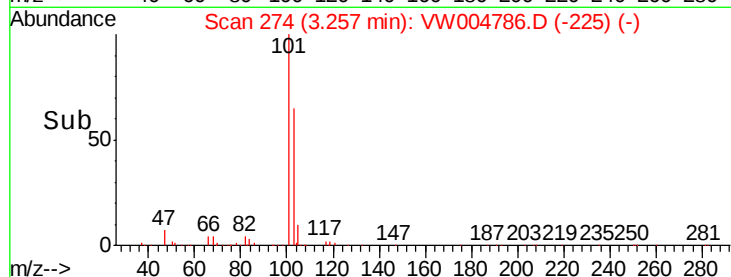
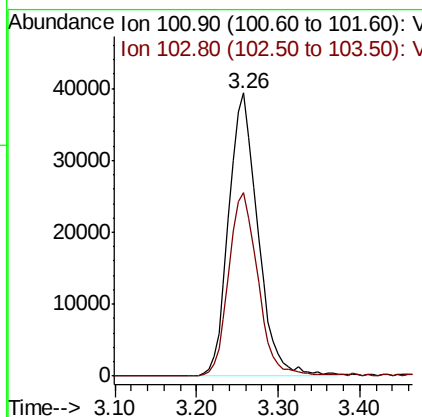
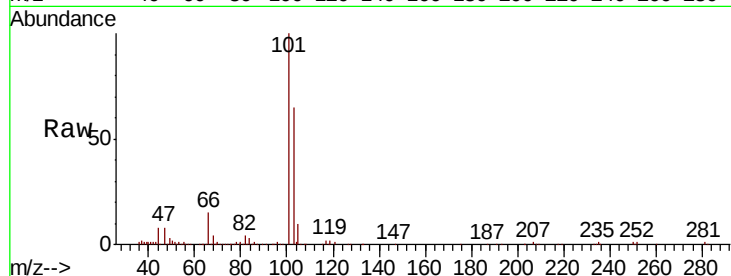
Trichlorofluoromethane
Concen: 24.35 ug/l
RT: 3.26 min Scan# 274
Delta R.T. -0.00 min
Lab File: VW004786.D
Acq: 20 Aug 2018 13:11

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ClientSampleId :
VW0820SBS01

Tot Ion	Ratio	Lower	Upper
101	100		
103	64.9	52.5	78.7

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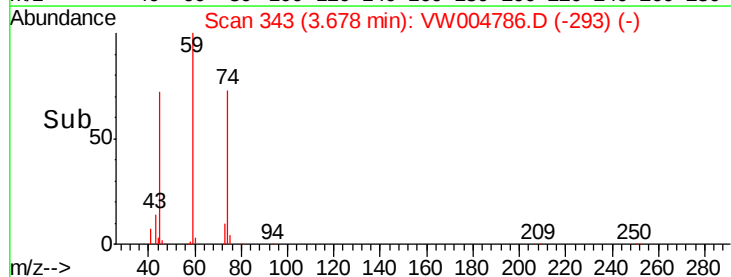
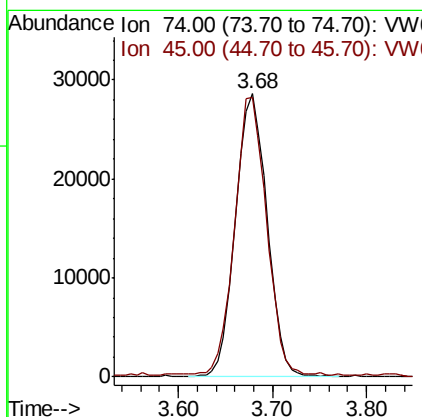
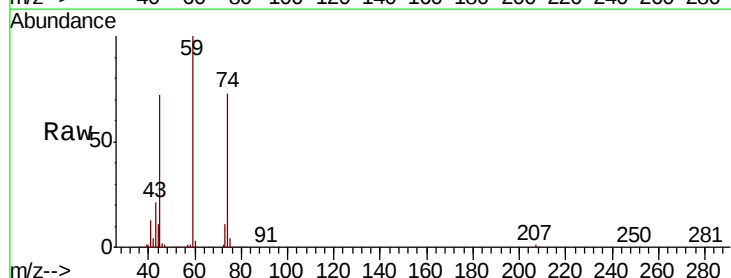
apatel
8/21/2018 11:31:20 AM

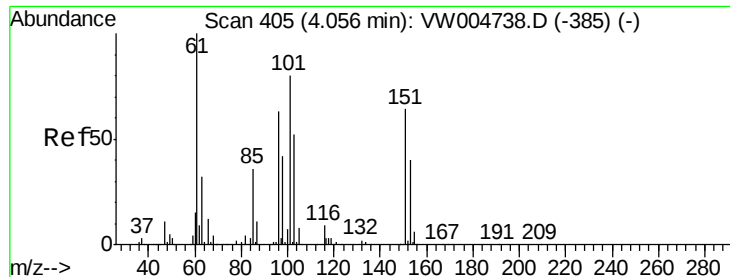


#8

Diethyl Ether
Concen: 18.51 ug/l
RT: 3.68 min Scan# 343
Delta R.T. 0.01 min
Lab File: VW004786.D
Acq: 20 Aug 2018 13:11

Tgt Ion	Ratio	Lower	Upper
74	100		
45	97.4	49.8	149.3





#9

1,1,2-Trichlorotrifluoroethane

Concen: 21.30 ug/l

RT: 4.06 min Scan# 405

Delta R.T. -0.00 min

Lab File: VW004786.D

Acq: 20 Aug 2018 13:11

Instrument :

MSVOA_W

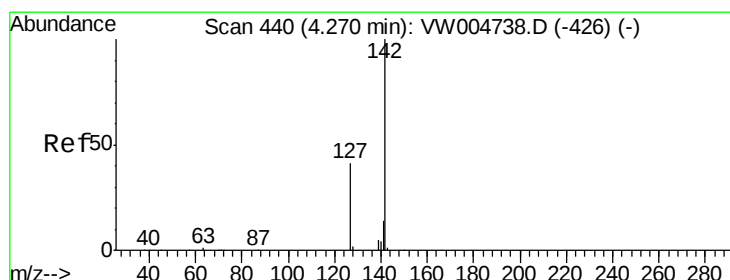
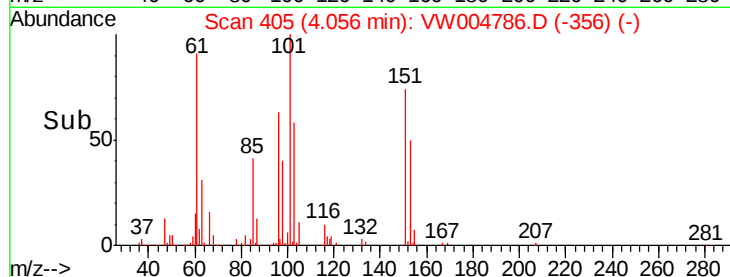
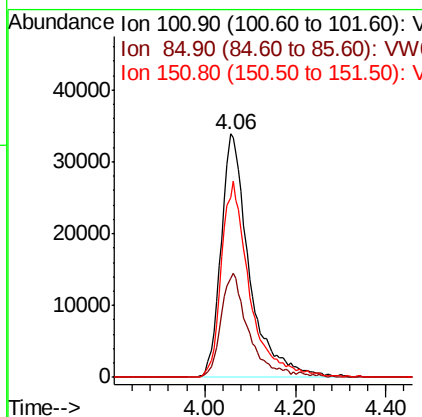
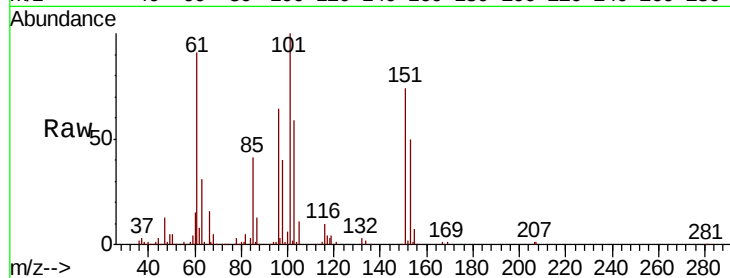
ClientSampleId :

VW0820SBS01

Tot Ion:	101	Resp:	146791
Ion Ratio	Lower	Upper	
101	100		
85	42.4	33.9	50.9
151	80.5	63.4	95.2

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#10

Methyl Iodide

Concen: 20.86 ug/l

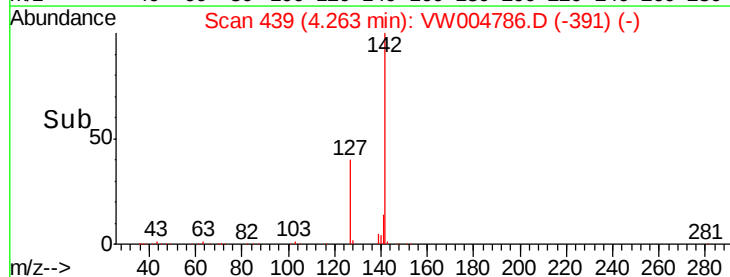
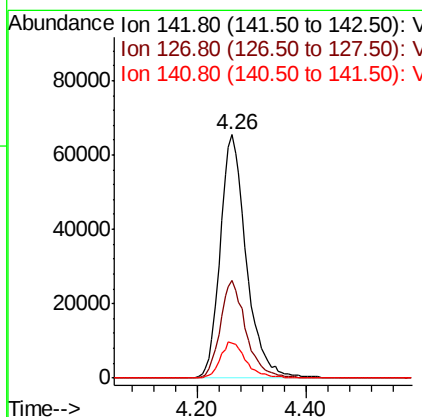
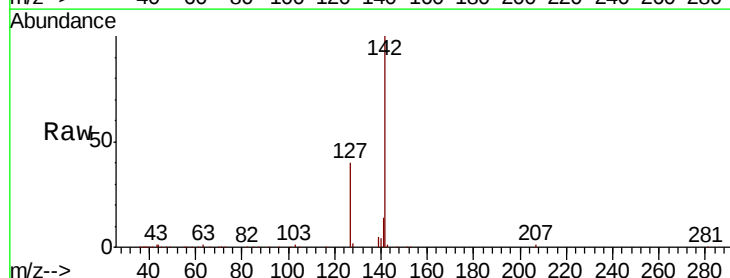
RT: 4.26 min Scan# 439

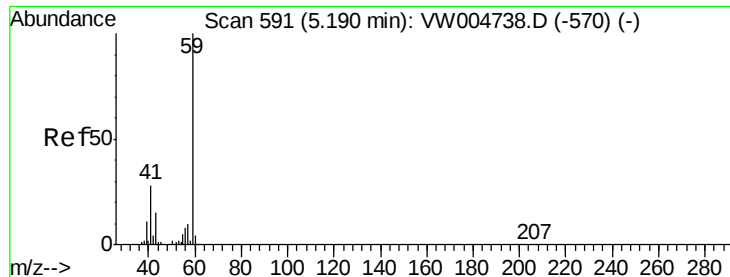
Delta R.T. -0.01 min

Lab File: VW004786.D

Acq: 20 Aug 2018 13:11

Tgt Ion:	142	Resp:	218262
Ion Ratio	Lower	Upper	
142	100		
127	39.7	32.1	48.1
141	14.6	11.7	17.5





#11

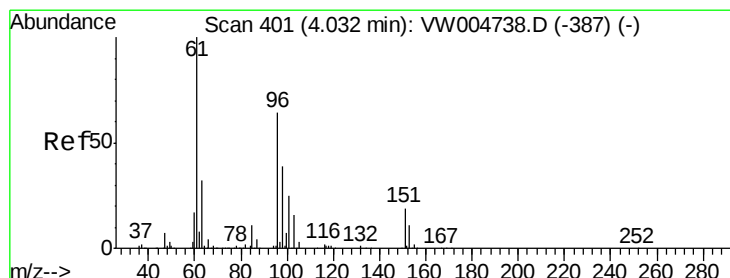
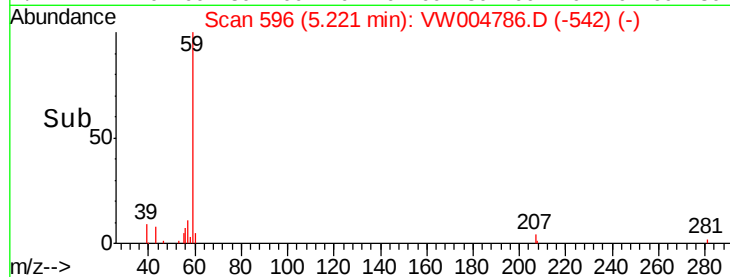
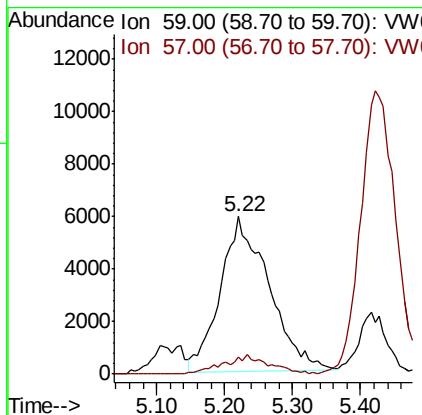
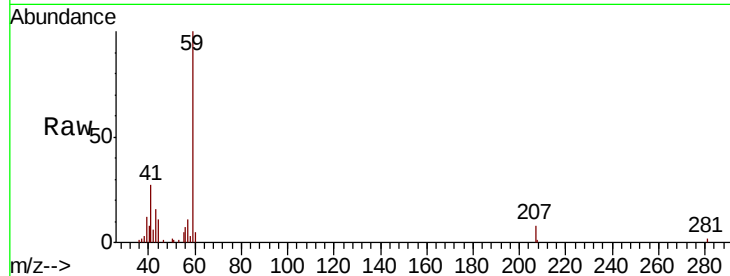
Tert butyl alcohol
Concen: 81.75 ug/l
RT: 5.22 min Scan# 596
Delta R.T. 0.03 min
Lab File: VW004786.D
Acq: 20 Aug 2018 13:11

Instrument :
MSVOA_W
ClientSampleId :
VW0820SBS01

Tot Ion	59	Resp	29420
Ion Ratio	100	Lower	Upper
57	11.7	8.4	12.6

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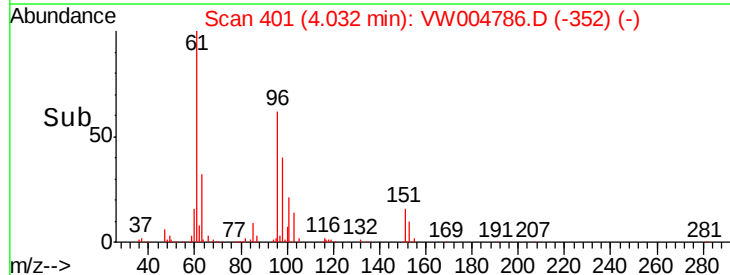
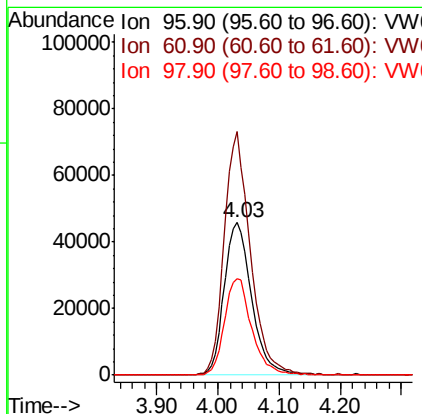
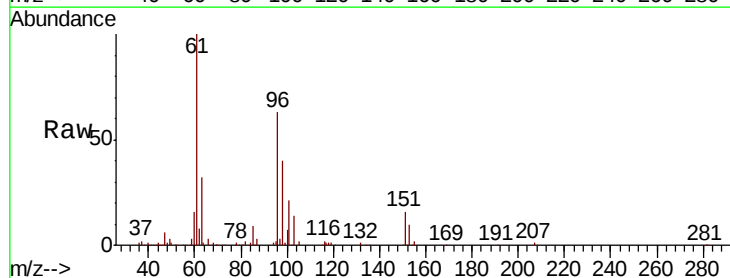
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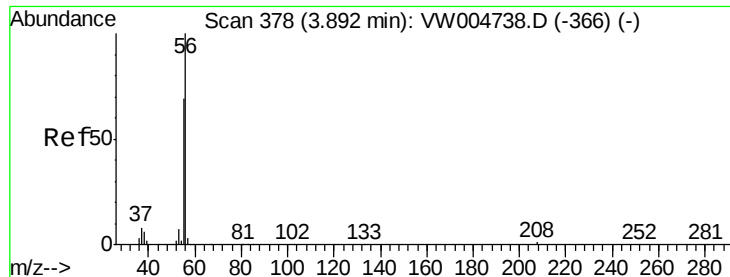


#12

1,1-Dichloroethene
Concen: 20.55 ug/l
RT: 4.03 min Scan# 401
Delta R.T. -0.00 min
Lab File: VW004786.D
Acq: 20 Aug 2018 13:11

Tgt Ion	96	Resp	141087
Ion Ratio	100	Lower	Upper
61	160.0	125.6	188.4
98	63.2	49.4	74.0





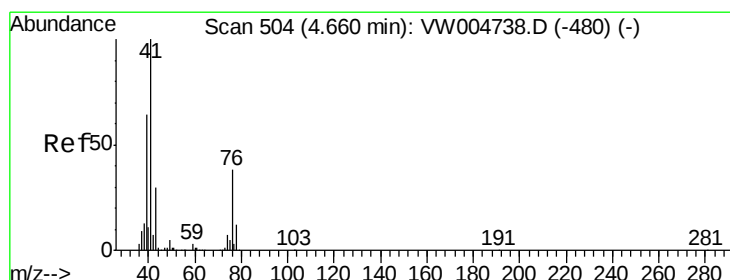
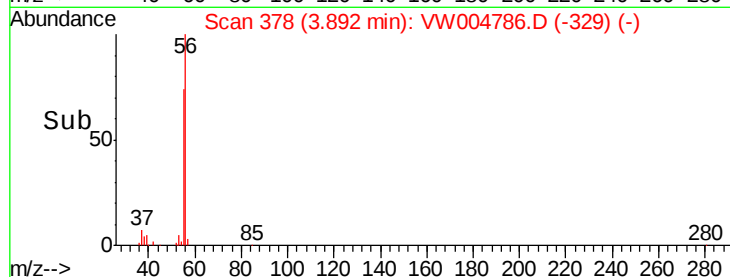
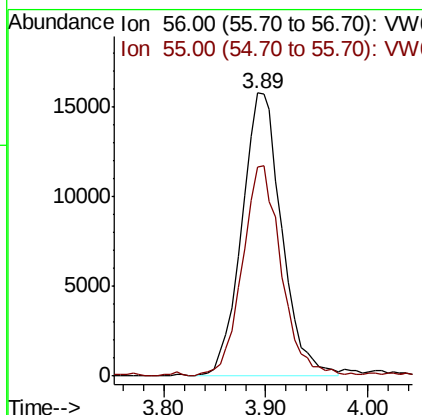
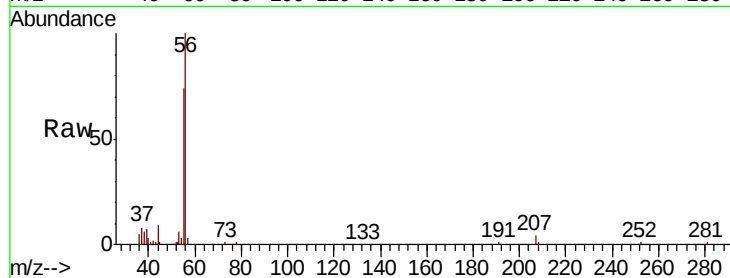
#13
Acrolein
Concen: 89.29 ug/l
RT: 3.89 min Scan# 378
Delta R.T. -0.00 min
Lab File: VW004786.D
Acq: 20 Aug 2018 13:11

Instrument :
MSVOA_W
ClientSampleId :
VW0820SBS01

Tot Ion	56	Resp	43122
Ion Ratio	100	Lower	Upper
55	72.5	56.1	84.1

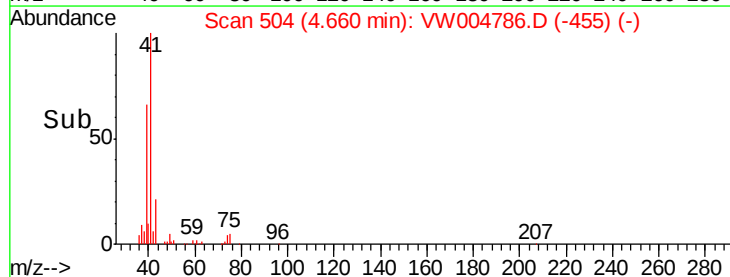
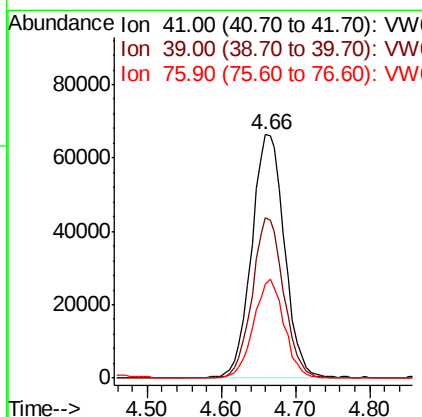
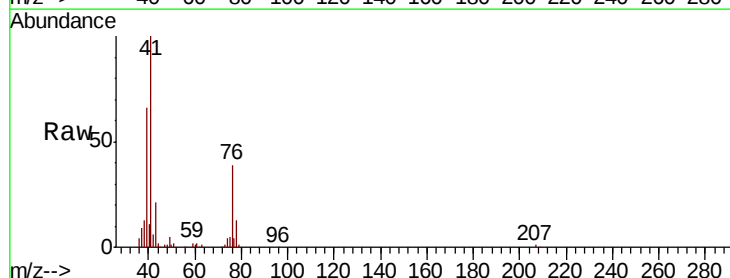
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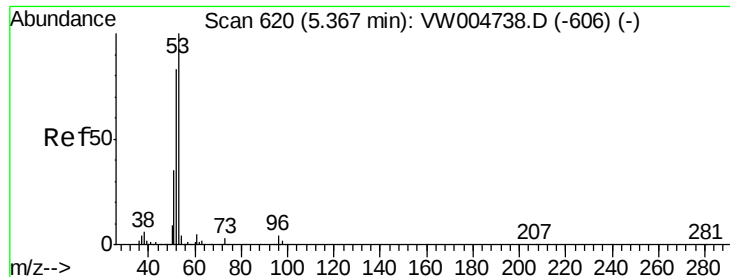
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#14
Allyl chloride
Concen: 19.59 ug/l
RT: 4.66 min Scan# 504
Delta R.T. -0.00 min
Lab File: VW004786.D
Acq: 20 Aug 2018 13:11

Tgt Ion	41	Resp	204098
Ion Ratio	100	Lower	Upper
39	63.6	50.0	75.0
76	38.1	29.8	44.6





#15

Acrylonitrile

Concen: 83.90 ug/l

RT: 5.38 min Scan# 622

Delta R.T. 0.01 min

Lab File: VW004786.D

Acq: 20 Aug 2018 13:11

Instrument :

MSVOA_W

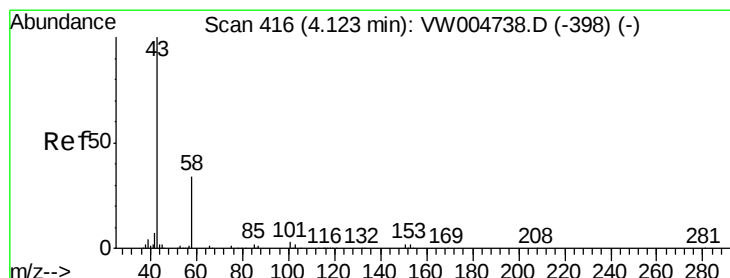
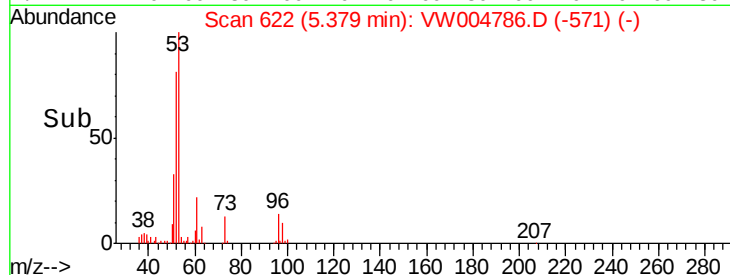
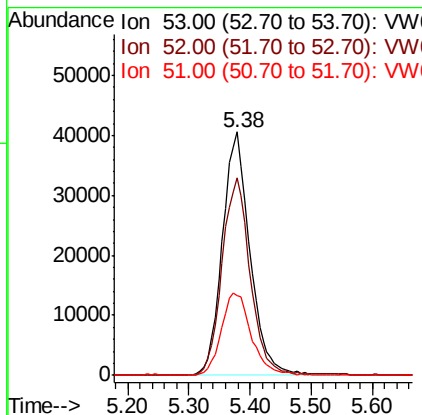
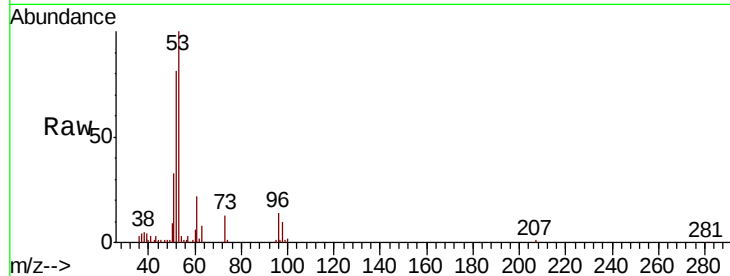
ClientSampleId :

VW0820SBS01

Tot Ion:	53	Resp:	127309
Ion Ratio	Lower	Upper	
53	100		
52	82.1	65.8	98.6
51	36.7	28.7	43.1

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#16

Acetone

Concen: 92.87 ug/l

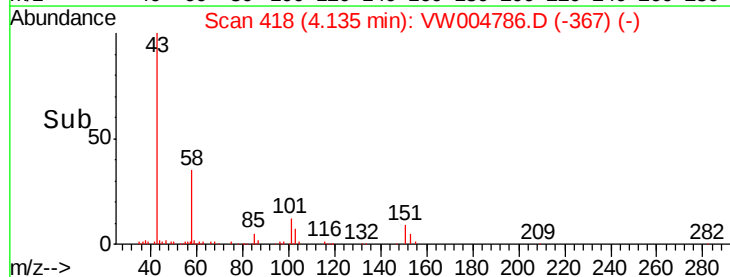
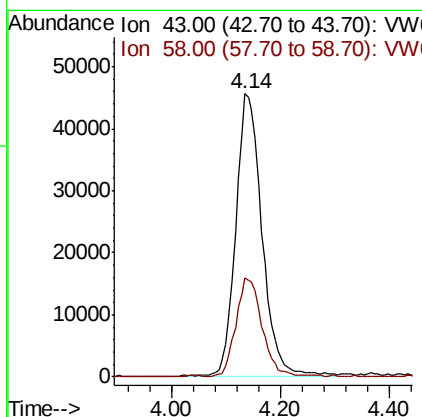
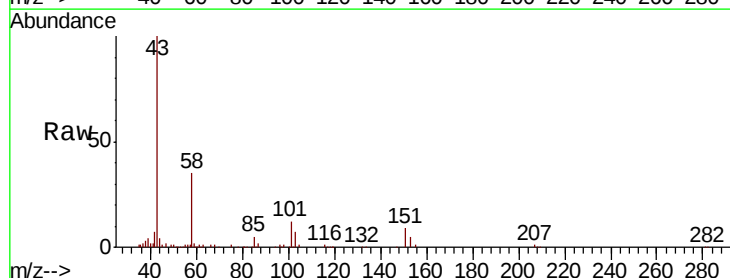
RT: 4.14 min Scan# 418

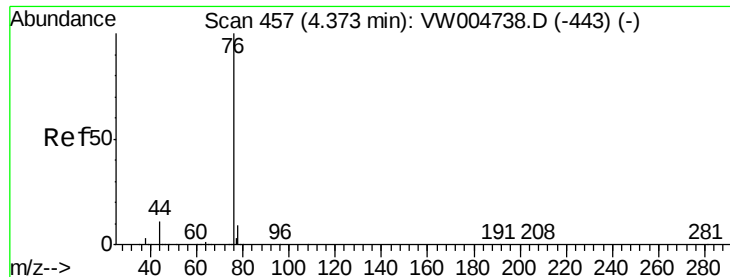
Delta R.T. 0.01 min

Lab File: VW004786.D

Acq: 20 Aug 2018 13:11

Tgt Ion:	43	Resp:	152720
Ion Ratio	Lower	Upper	
43	100		
58	34.8	27.3	40.9





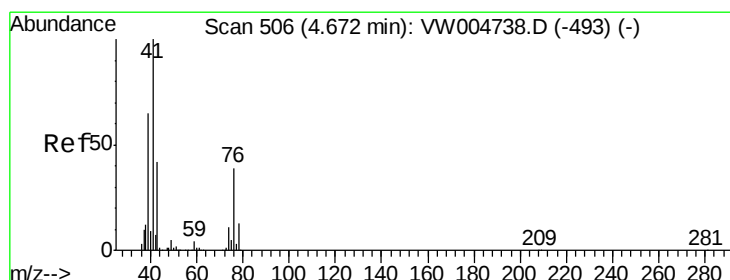
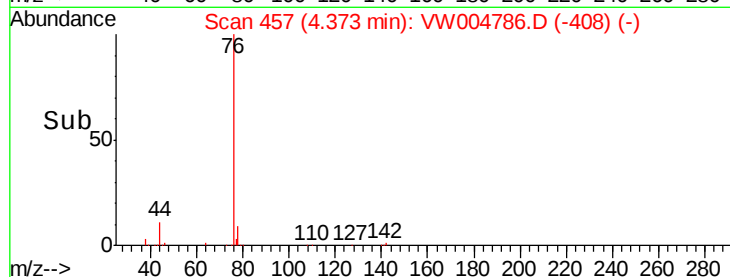
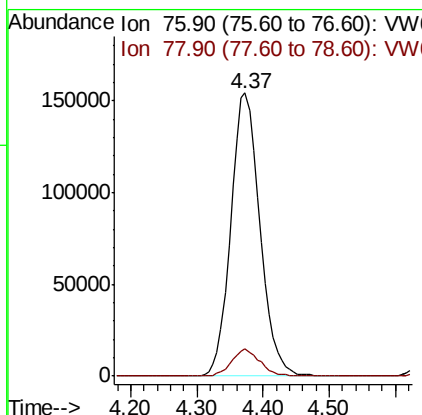
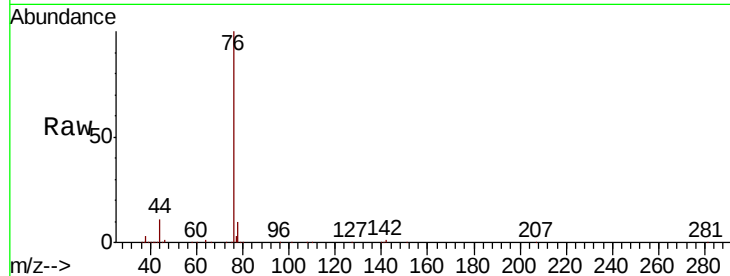
#17
Carbon Disulfide
Concen: 20.86 ug/l
RT: 4.37 min Scan# 457
Delta R.T. -0.00 min
Lab File: VW004786.D
Acq: 20 Aug 2018 13:11

Instrument :
MSVOA_W
ClientSampleId :
VW0820SBS01

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.5	7.4	11.2

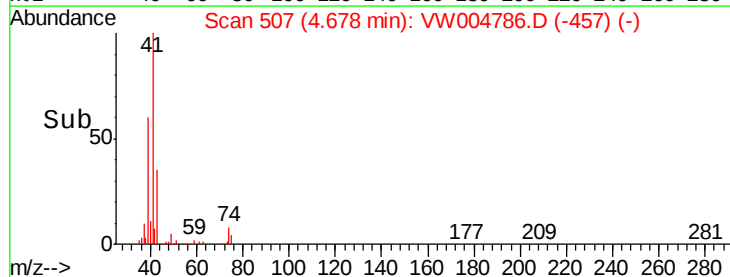
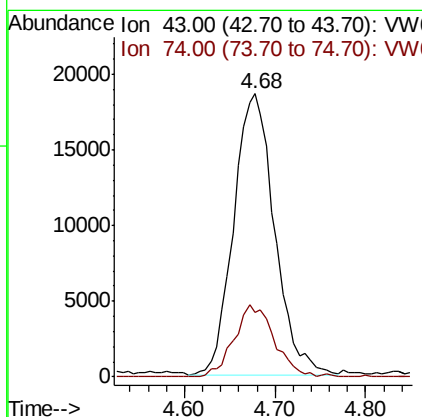
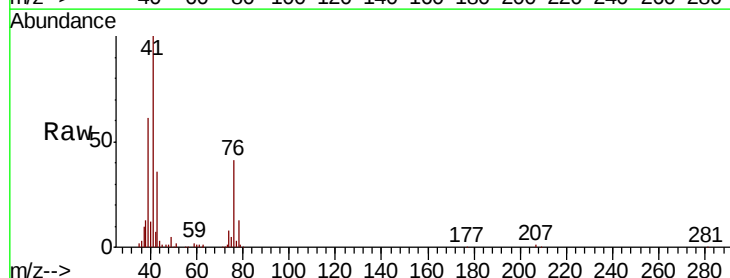
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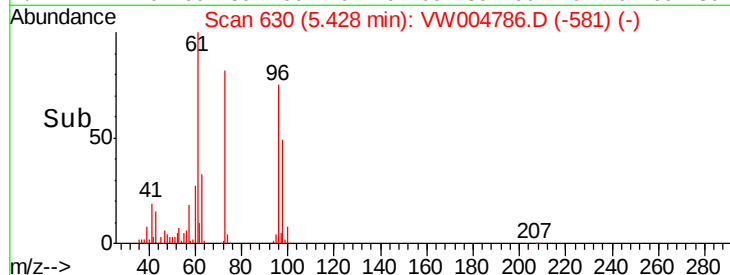
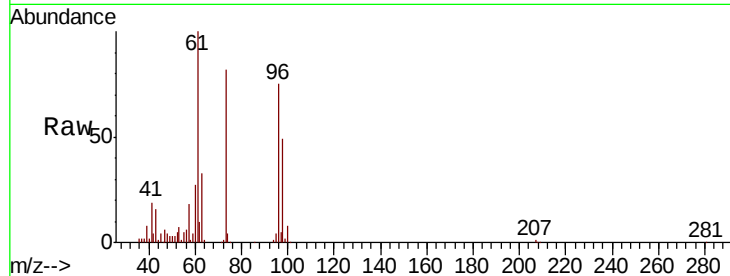
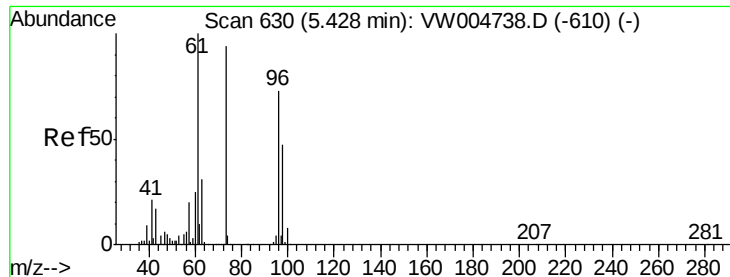
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#18
Methyl Acetate
Concen: 16.47 ug/l
RT: 4.68 min Scan# 507
Delta R.T. 0.01 min
Lab File: VW004786.D
Acq: 20 Aug 2018 13:11

Tgt Ion	Ratio	Lower	Upper
43	100		
74	25.0	19.8	29.8





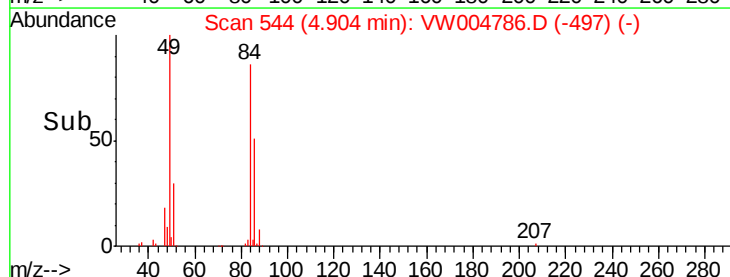
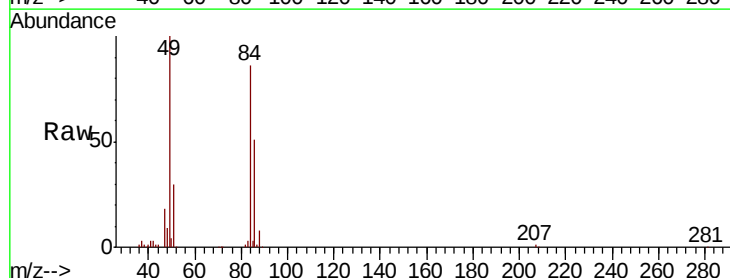
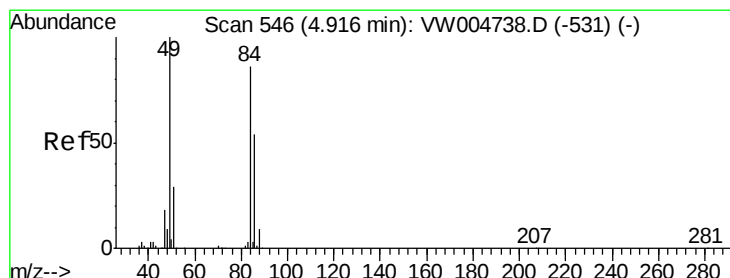
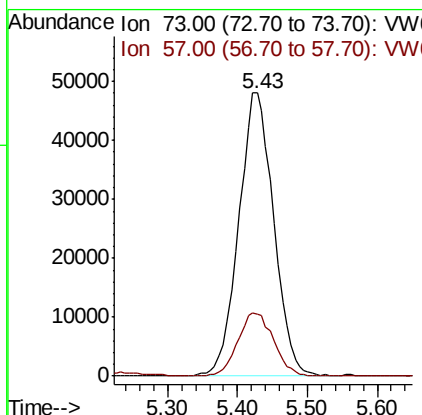
#19
Methvl tert-butvl Ether
Concen: 18.73 ug/l
RT: 5.43 min Scan# 630
Delta R.T. -0.00 min
Lab File: VW004786.D
Acq: 20 Aug 2018 13:11

Tot Ion: 73 Resp: 166974
Ion Ratio Lower Upper
73 100
57 22.0 17.3 25.9

Instrument :
MSVOA_W
ClientSampled :
VW0820SBS01

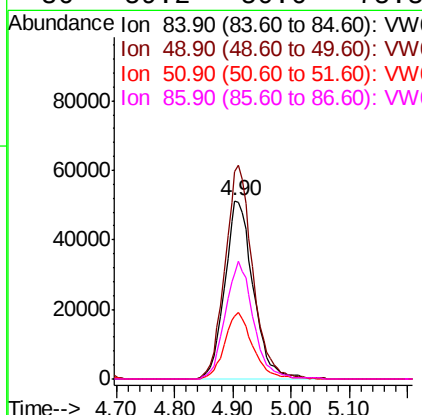
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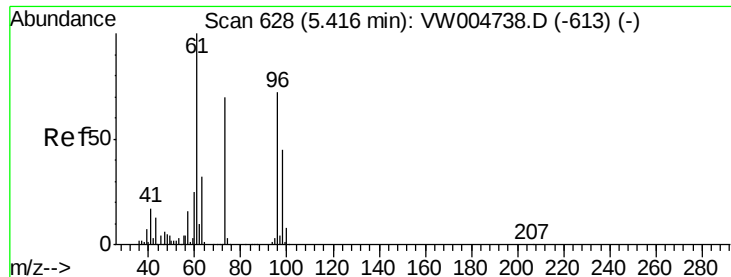
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#20
Methylene Chloride
Concen: 20.63 ug/l
RT: 4.90 min Scan# 544
Delta R.T. -0.01 min
Lab File: VW004786.D
Acq: 20 Aug 2018 13:11

Tgt Ion: 84 Resp: 173899
Ion Ratio Lower Upper
84 100
49 116.7 93.2 139.8
51 35.4 27.4 41.0
86 59.2 50.6 75.8





#21

trans-1,2-Dichloroethene

Concen: 19.91 ug/l

RT: 5.42 min Scan# 629

Delta R.T. 0.01 min

Lab File: VW004786.D

Acq: 20 Aug 2018 13:11

Instrument :

MSVOA_W

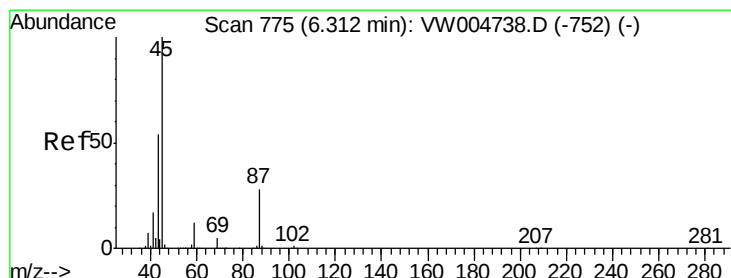
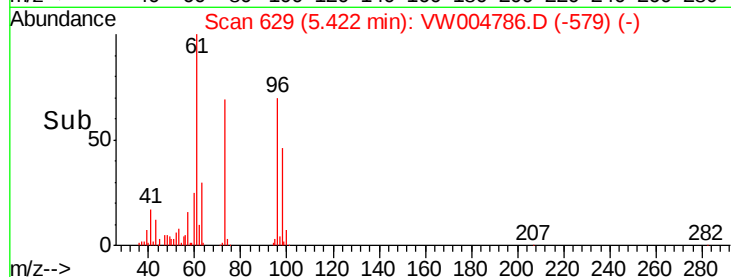
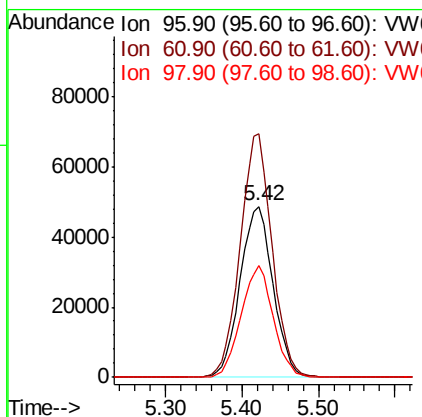
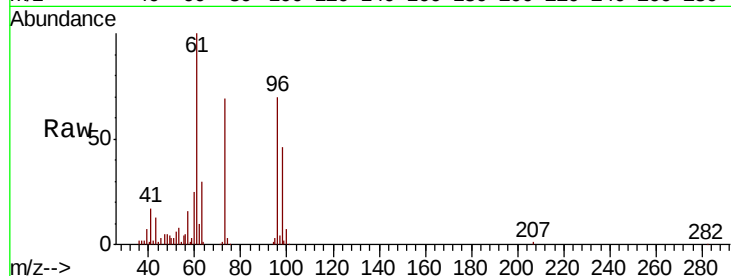
ClientSampleId :

VW0820SBS01

Tot Ion:	96	Resp:	145471
Ion Ratio	Lower	Upper	
96	100		
61	142.7	111.4	167.0
98	65.6	49.7	74.5

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#22

Diisopropyl ether

Concen: 20.35 ug/l

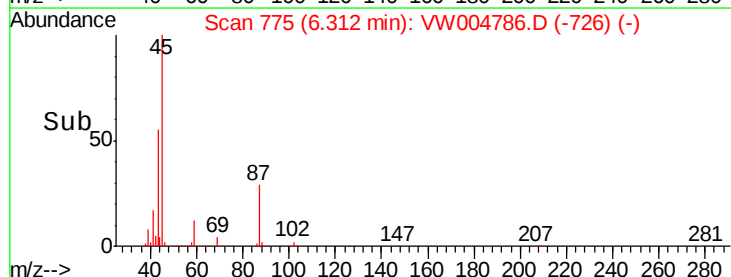
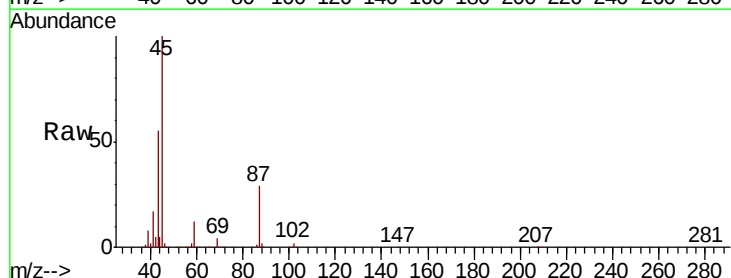
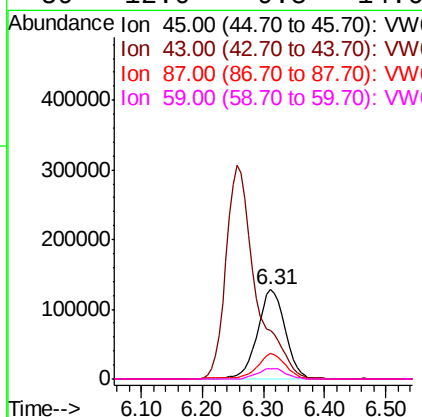
RT: 6.31 min Scan# 775

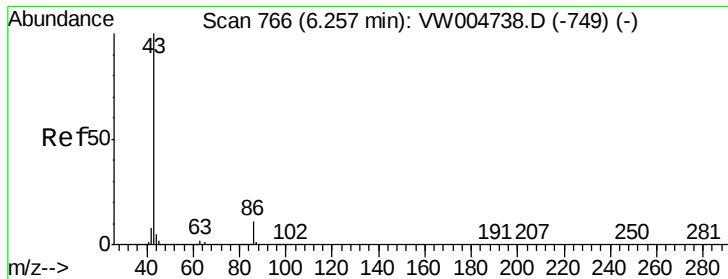
Delta R.T. -0.00 min

Lab File: VW004786.D

Acq: 20 Aug 2018 13:11

Tgt Ion:	45	Resp:	407602
Ion Ratio	Lower	Upper	
45	100		
43	54.5	43.0	64.6
87	29.0	22.2	33.4
59	12.0	9.8	14.6





#23

Vinyl Acetate

Concen: 91.36 ug/l

RT: 6.26 min Scan# 766

Delta R.T. -0.00 min

Lab File: VW004786.D

Acq: 20 Aug 2018 13:11

Tot Ion: 43 Resp: 1034980

Ion Ratio Lower Upper

43 100

86 10.8 8.5 12.7

Instrument :

MSVOA_W

ClientSampleId :

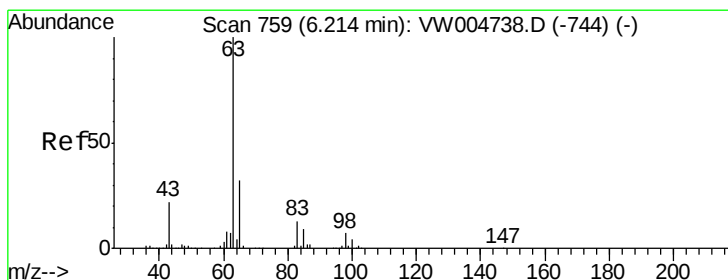
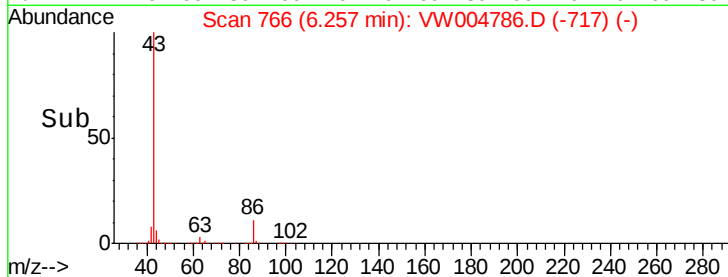
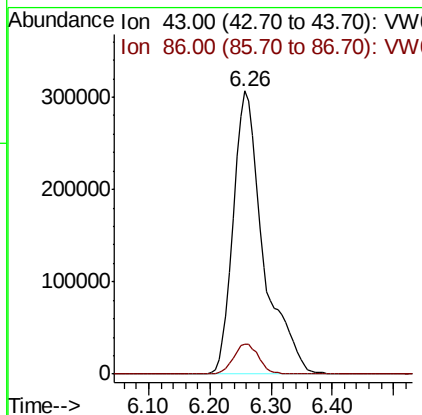
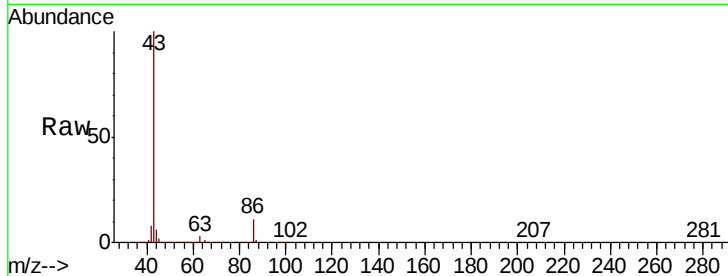
VW0820SBS01

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#24

1,1-Dichloroethane

Concen: 20.05 ug/l

RT: 6.21 min Scan# 759

Delta R.T. -0.00 min

Lab File: VW004786.D

Acq: 20 Aug 2018 13:11

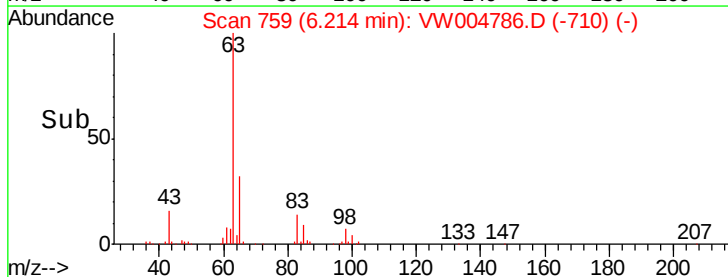
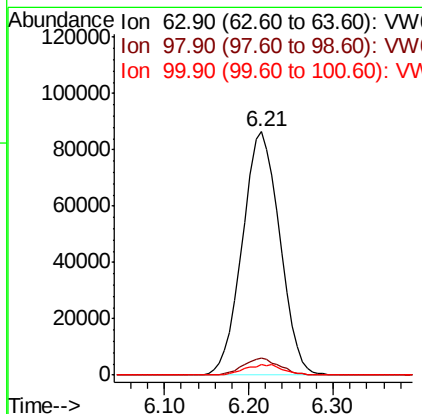
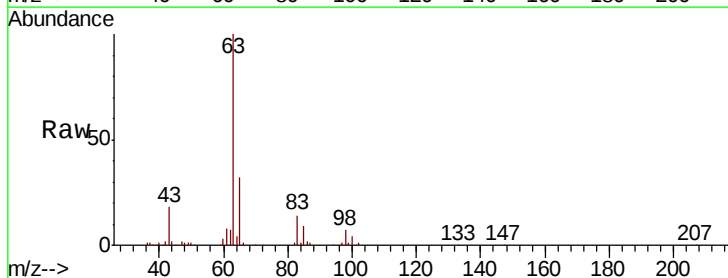
Tgt Ion: 63 Resp: 260936

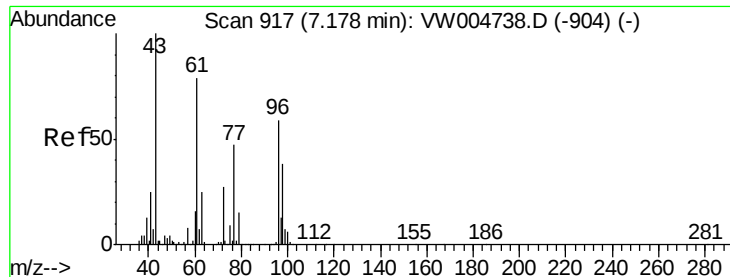
Ion Ratio Lower Upper

63 100

98 6.8 3.5 10.4

100 4.1 2.1 6.3





#25

2-Butanone

Concen: 85.04 ug/l

RT: 7.18 min Scan# 918

Delta R.T. 0.01 min

Lab File: VW004786.D

Acq: 20 Aug 2018 13:11

Instrument :

MSVOA_W

ClientSampled :

VW0820SBS01

Tot Ion: 43 Resp: 199257

Ion Ratio Lower Upper

43 100

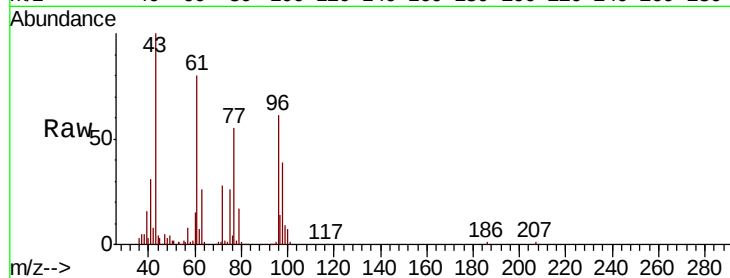
72 27.9 22.0 33.0

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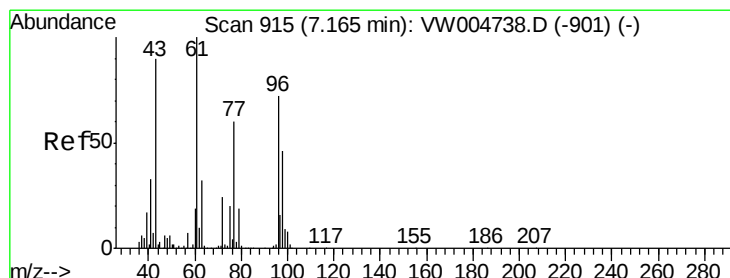
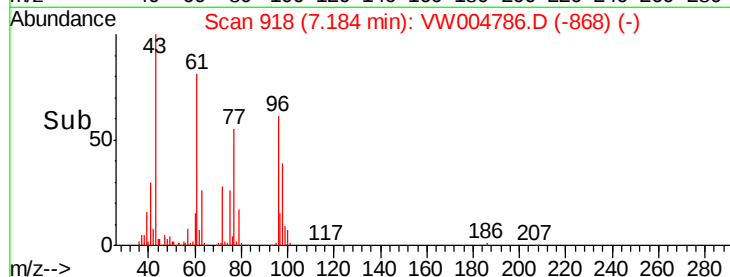
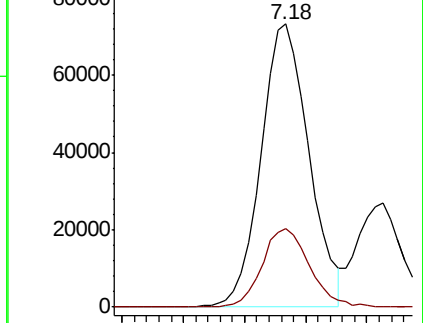
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Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 72.00 (71.70 to 72.70): VW



#26

2,2-Dichloropropane

Concen: 22.38 ug/l

RT: 7.17 min Scan# 916

Delta R.T. 0.01 min

Lab File: VW004786.D

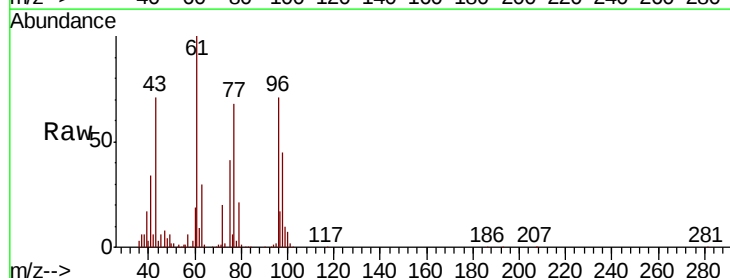
Acq: 20 Aug 2018 13:11

Tgt Ion: 77 Resp: 168224

Ion Ratio Lower Upper

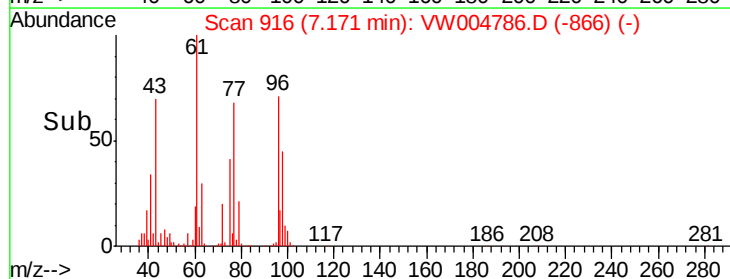
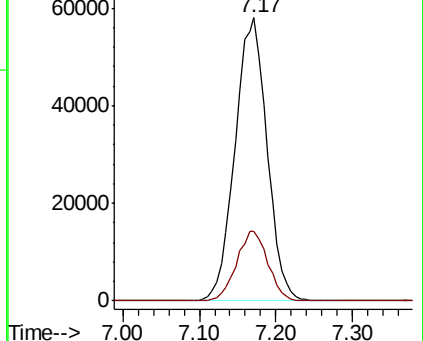
77 100

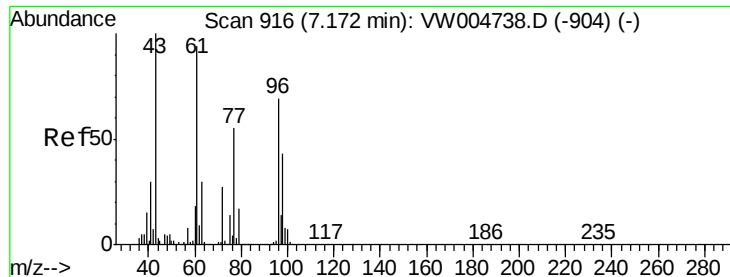
97 24.1 12.6 37.8



Abundance Ion 76.90 (76.60 to 77.60): VW

Ion 96.90 (96.60 to 97.60): VW





#27

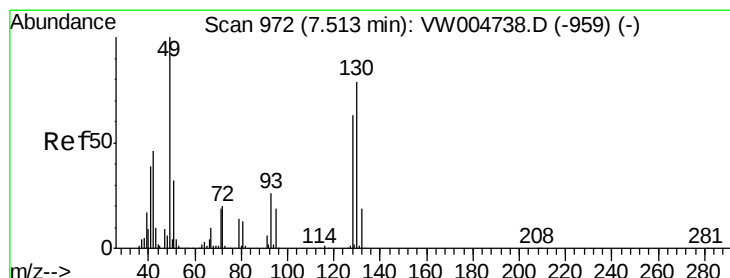
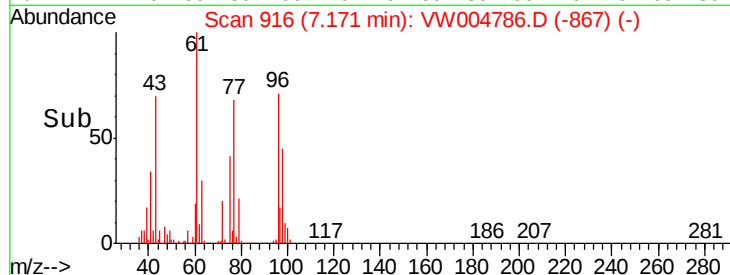
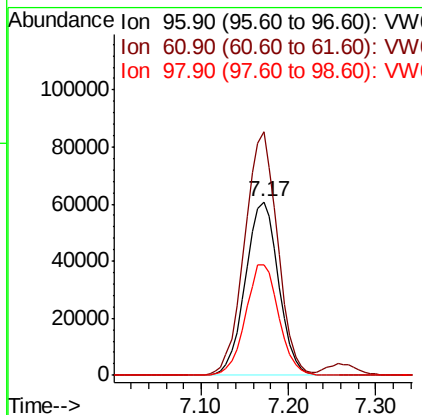
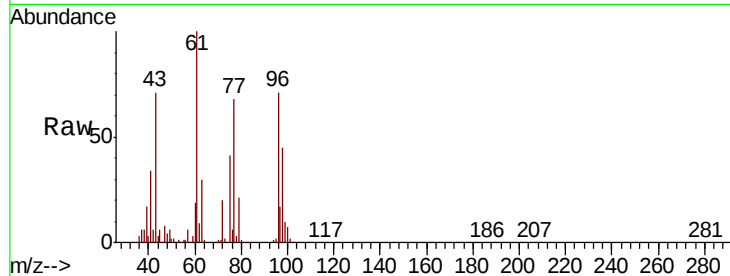
cis-1,2-Dichloroethene
 Concen: 20.29 ug/l
 RT: 7.17 min Scan# 916
 Delta R.T. -0.00 min
 Lab File: VW004786.D
 Acq: 20 Aug 2018 13:11

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0820SBS01

Tot Ion	Ratio	Resp	Lower	Upper
96	100	159560		
61	139.3	0.0	277.6	
98	63.7	0.0	127.4	

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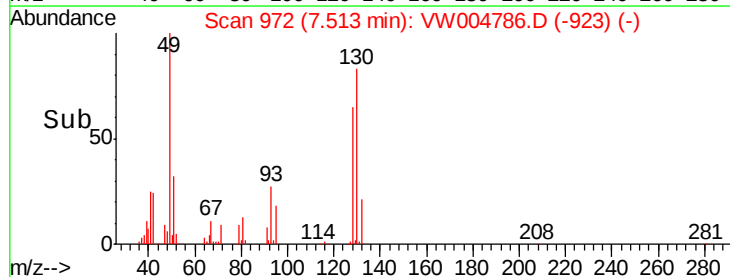
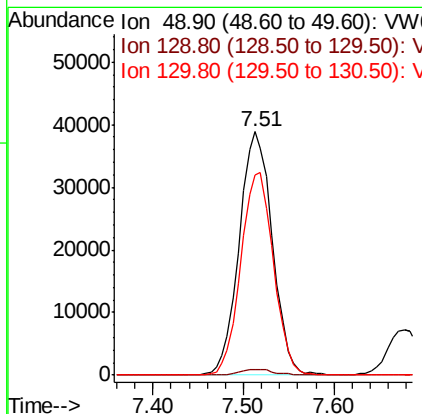
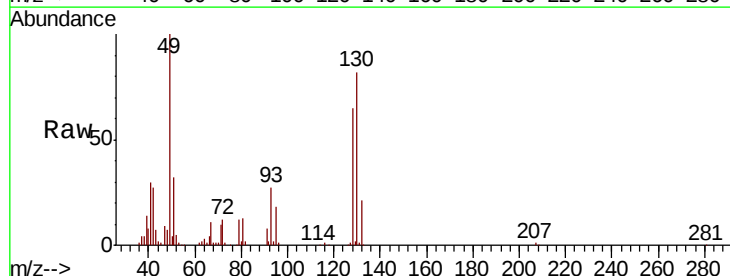
apatel
 8/21/2018 11:31:20 AM

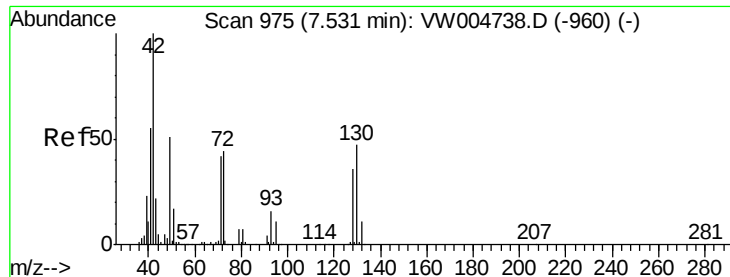


#28

Bromochloromethane
 Concen: 17.93 ug/l
 RT: 7.51 min Scan# 972
 Delta R.T. -0.00 min
 Lab File: VW004786.D
 Acq: 20 Aug 2018 13:11

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	98283		
129	2.4	0.0	4.4	
130	82.0	63.7	95.5	





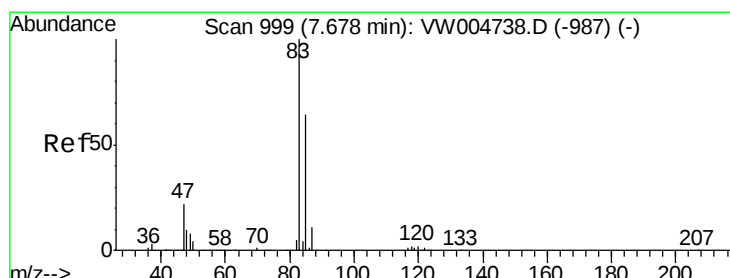
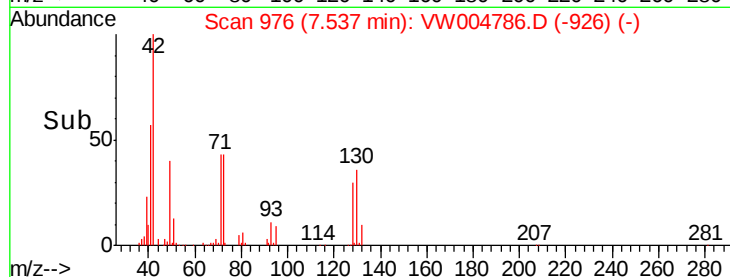
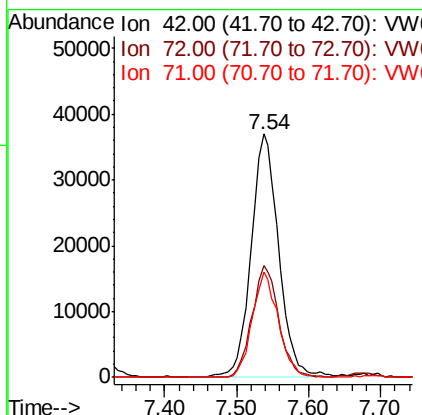
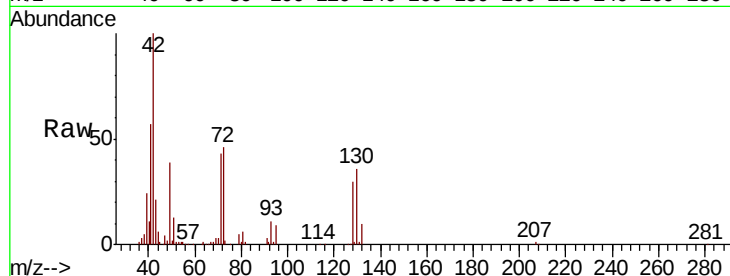
#29
Tetrahydrofuran
Concen: 81.98 ug/l
RT: 7.54 min Scan# 976
Delta R.T. 0.01 min
Lab File: VW004786.D
Acq: 20 Aug 2018 13:11

Instrument :
MSVOA_W
ClientSampleId :
VW0820SBS01

Tot Ion:	42	Resp:	97949
Ion Ratio		Lower	Upper
42	100		
72	44.9	34.9	52.3
71	41.1	33.8	50.6

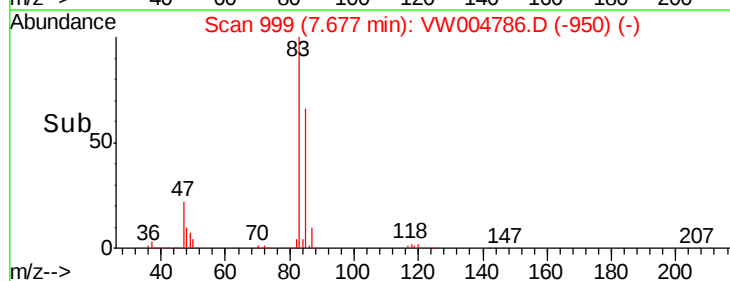
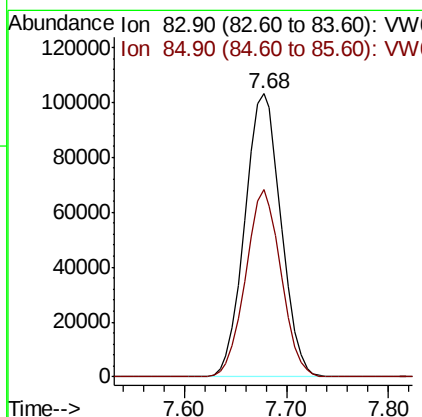
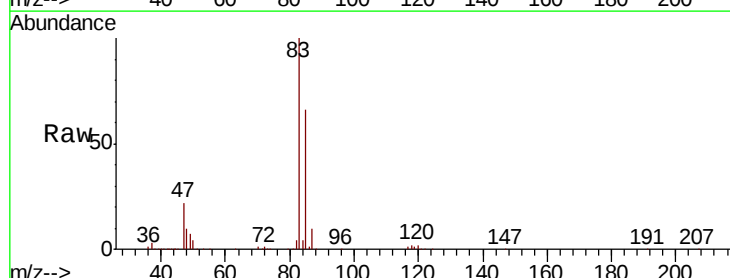
Manual Integrations
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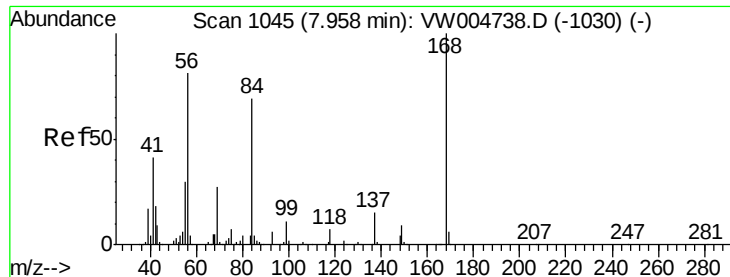
apatel
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#30
Chloroform
Concen: 19.88 ug/l
RT: 7.68 min Scan# 999
Delta R.T. -0.00 min
Lab File: VW004786.D
Acq: 20 Aug 2018 13:11

Tgt Ion:	83	Resp:	254514
Ion Ratio		Lower	Upper
83	100		
85	66.4	51.0	76.6





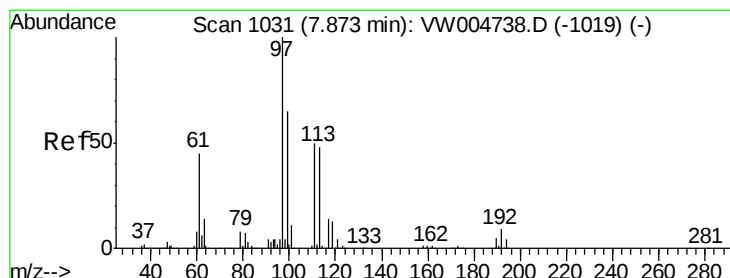
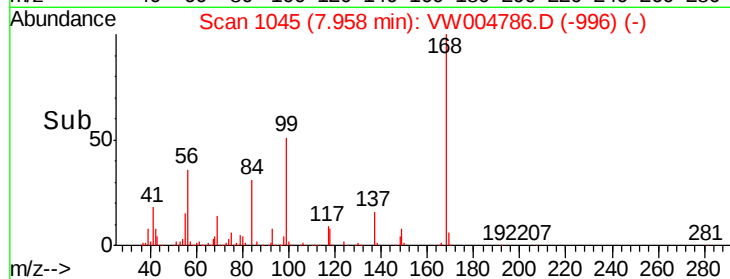
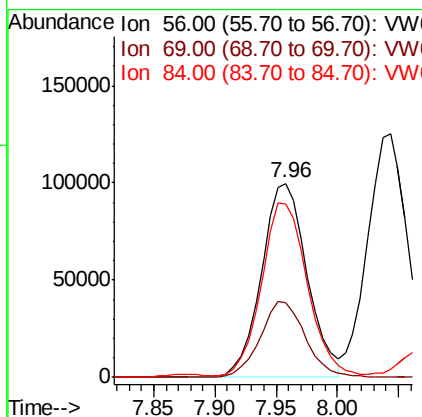
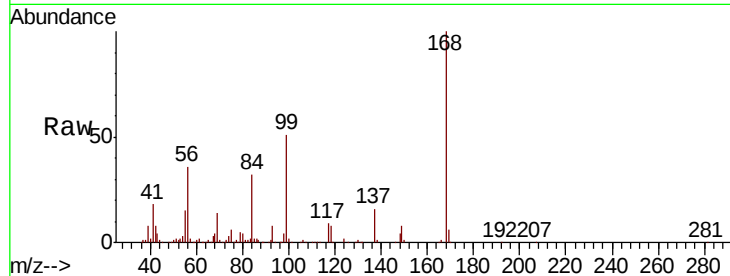
#31
Cyclohexane
Concen: 20.59 ug/l
RT: 7.96 min Scan# 1045
Delta R.T. -0.00 min
Lab File: VW004786.D
Acq: 20 Aug 2018 13:11

Instrument :
MSVOA_W
ClientSampleId :
VW0820SBS01

Tot Ion	Ratio	Lower	Upper
56	100		
69	38.3	27.1	40.7
84	87.6	68.3	102.5

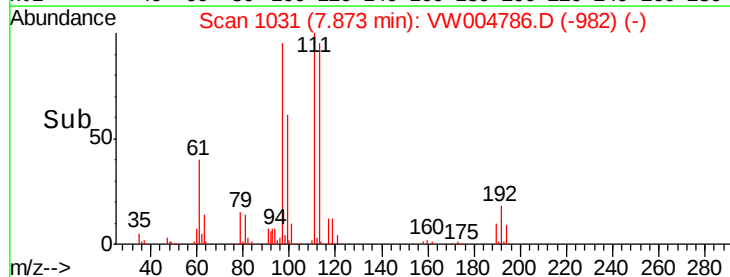
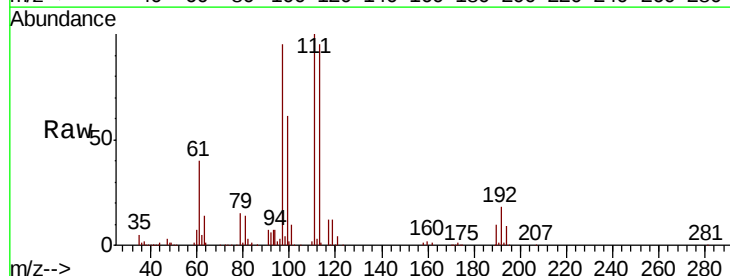
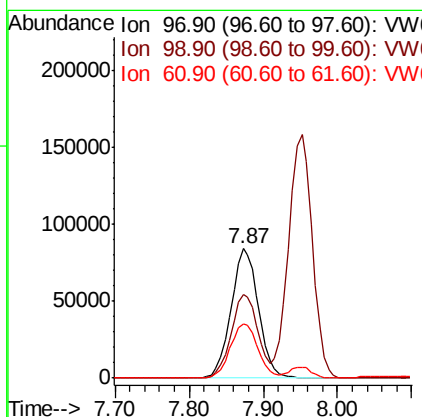
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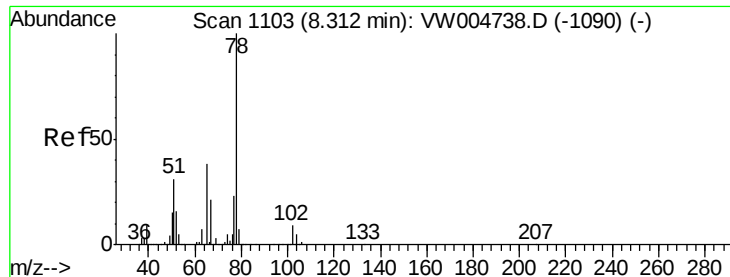
apatel
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#32
1,1,1-Trichloroethane
Concen: 21.31 ug/l
RT: 7.87 min Scan# 1031
Delta R.T. -0.00 min
Lab File: VW004786.D
Acq: 20 Aug 2018 13:11

Tgt Ion	Ratio	Lower	Upper
97	100		
99	63.2	51.7	77.5
61	42.9	34.4	51.6





#33

1,2-Dichloroethane-d4

Concen: 43.80 ug/l

RT: 8.31 min Scan# 1102

Delta R.T. -0.01 min

Lab File: VW004786.D

Acq: 20 Aug 2018 13:11

Instrument :

MSVOA_W

ClientSampled :

VW0820SBS01

Tot Ion: 65 Resp: 282165

Ion Ratio Lower Upper

65 100

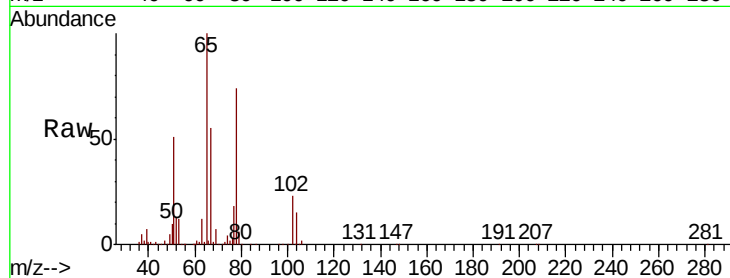
67 55.4 0.0 109.4

Manual Integrations

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Abundance Ion 64.90 (64.60 to 65.60): VW

Ion 66.90 (66.60 to 67.60): VW

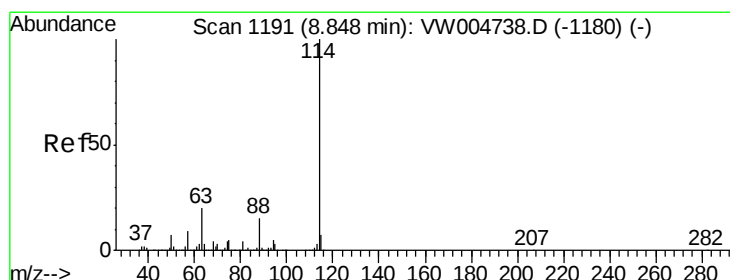
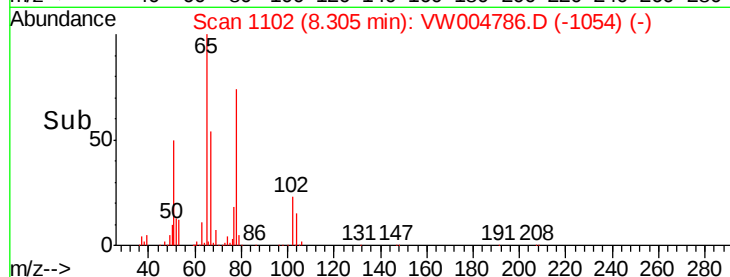
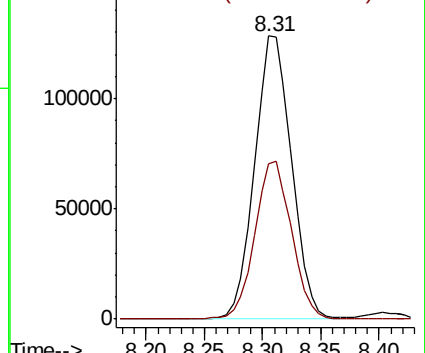
150000

100000

50000

0

8.20 8.25 8.30 8.35 8.40



#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 8.85 min Scan# 1191

Delta R.T. -0.00 min

Lab File: VW004786.D

Acq: 20 Aug 2018 13:11

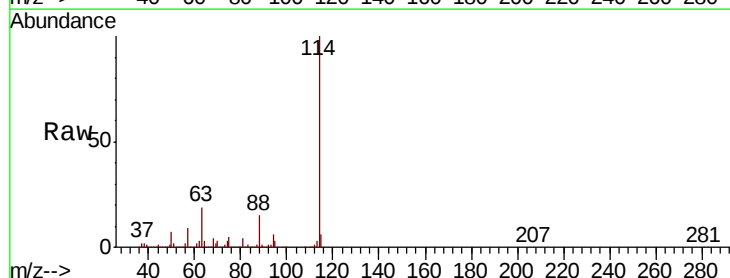
Tgt Ion: 114 Resp: 980711

Ion Ratio Lower Upper

114 100

63 19.1 0.0 39.0

88 15.1 0.0 30.0



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VW

Ion 87.90 (87.60 to 88.60): VW

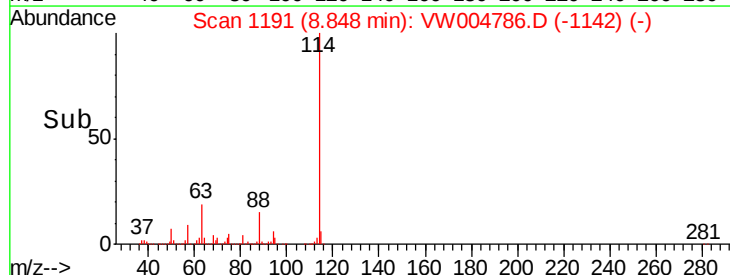
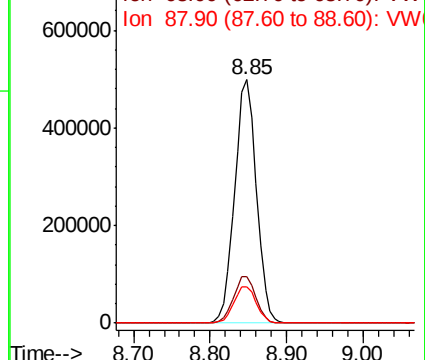
600000

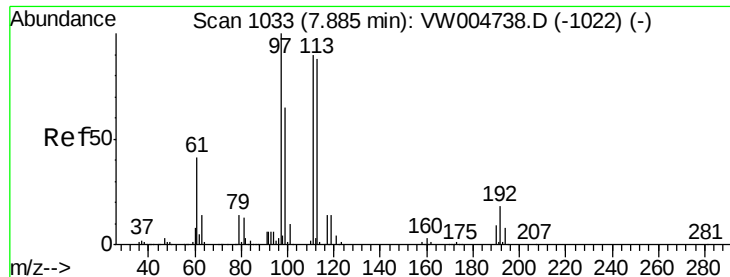
400000

200000

0

8.70 8.80 8.90 9.00





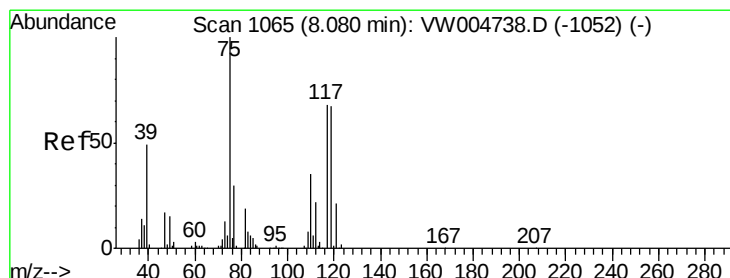
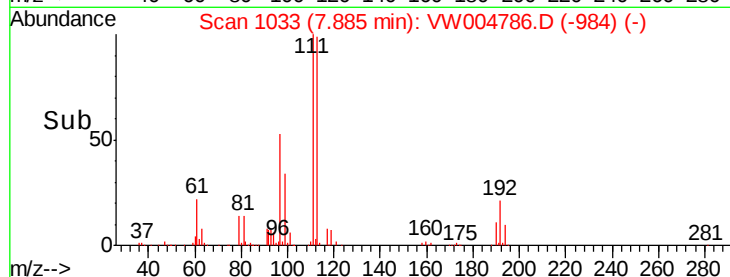
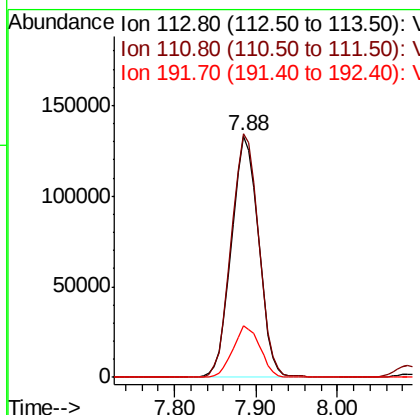
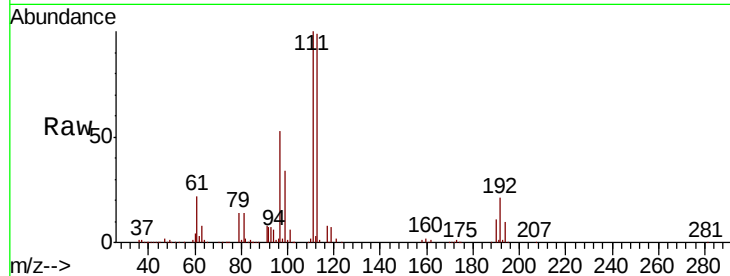
#35
 Dibromofluoromethane
 Concen: 48.78 ug/l
 RT: 7.88 min Scan# 1033
 Delta R.T. -0.00 min
 Lab File: VW004786.D
 Acq: 20 Aug 2018 13:11

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0820SBS01

Tot Ion	Ratio	Resp	Lower	Upper
113	100			
111	102.3	82.4	123.6	
192	21.3	16.7	25.1	

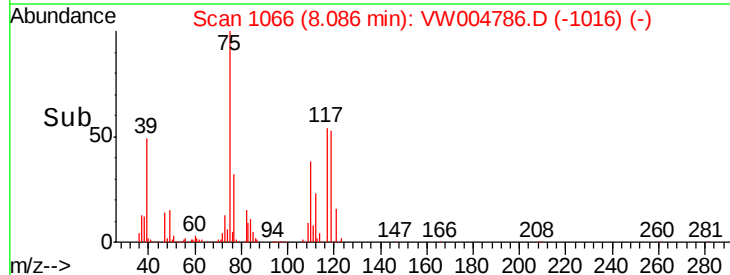
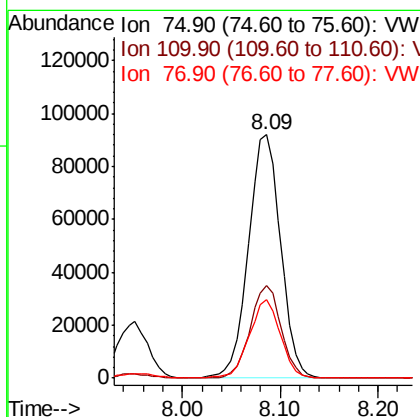
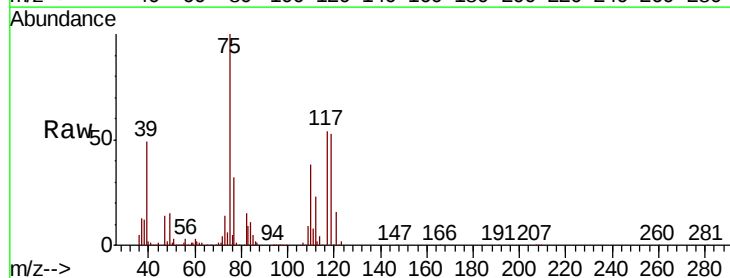
Manual Integrations
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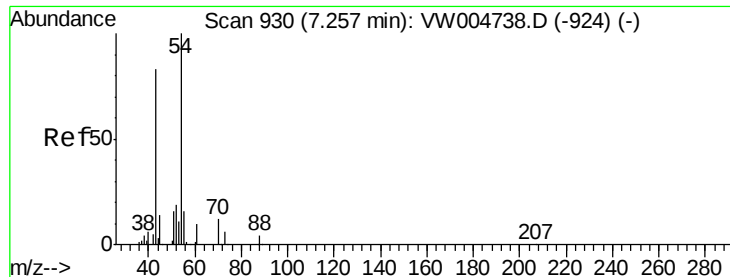
apatel
 8/21/2018 11:31:20 AM



#36
 1,1-Dichloropropene
 Concen: 20.83 ug/l
 RT: 8.09 min Scan# 1066
 Delta R.T. 0.01 min
 Lab File: VW004786.D
 Acq: 20 Aug 2018 13:11

Tgt Ion	Ratio	Resp	Lower	Upper
75	100			
110	36.6	17.8	53.5	
77	31.5	24.9	37.3	





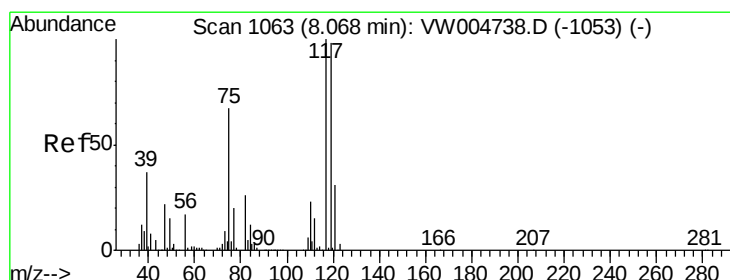
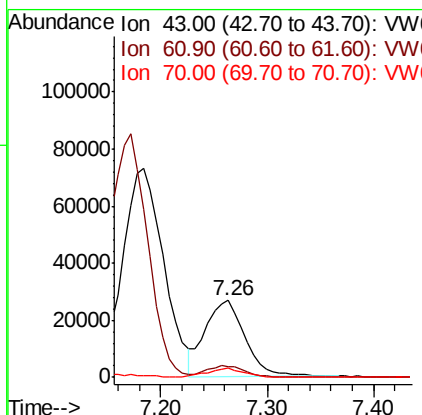
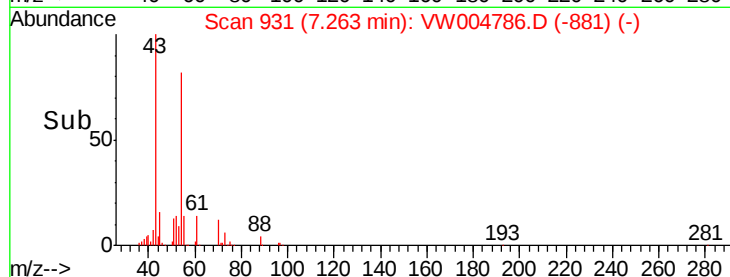
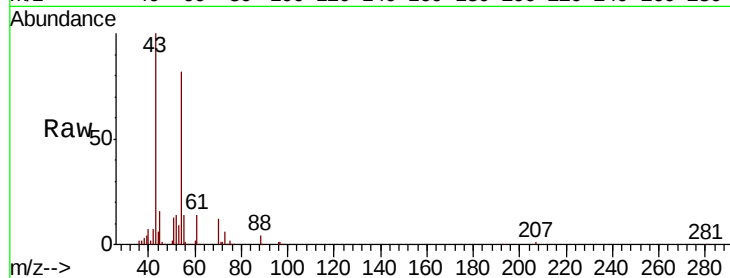
#37
Ethyl Acetate
Concen: 17.23 ug/l
RT: 7.26 min Scan# 931
Delta R.T. 0.01 min
Lab File: VW004786.D
Acq: 20 Aug 2018 13:11

Instrument :
MSVOA_W
ClientSampleId :
VW0820SBS01

Tot Ion	Ratio	Lower	Upper
43	100		
61	15.3	11.6	17.4
70	11.4	9.2	13.8

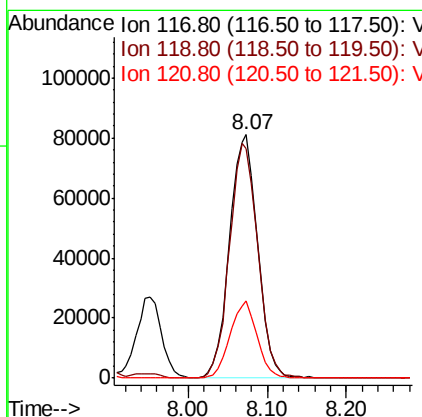
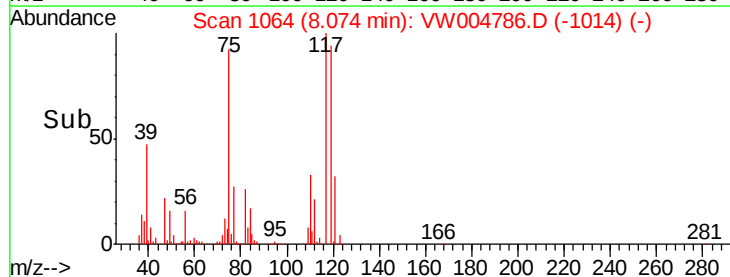
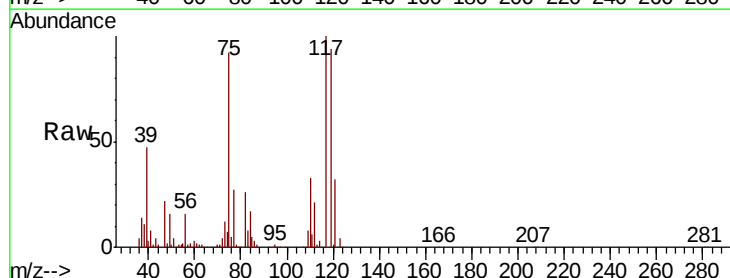
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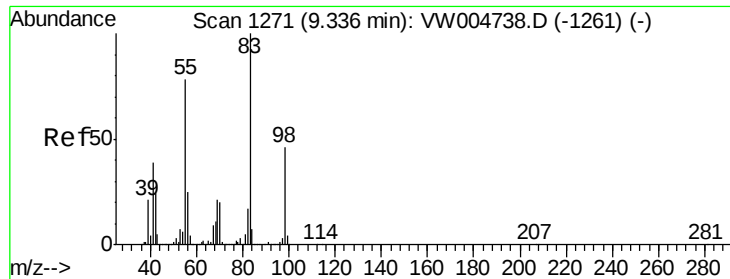
apatel
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#38
Carbon Tetrachloride
Concen: 21.64 ug/l
RT: 8.07 min Scan# 1064
Delta R.T. 0.01 min
Lab File: VW004786.D
Acq: 20 Aug 2018 13:11

Tgt Ion	Ratio	Lower	Upper
117	100		
119	94.2	78.0	117.0
121	31.6	24.8	37.2





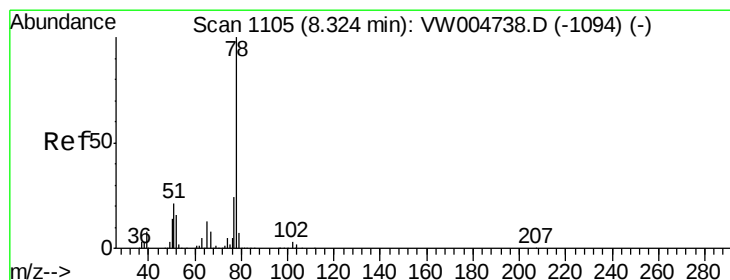
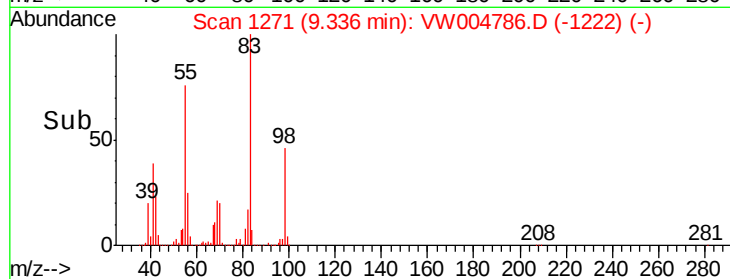
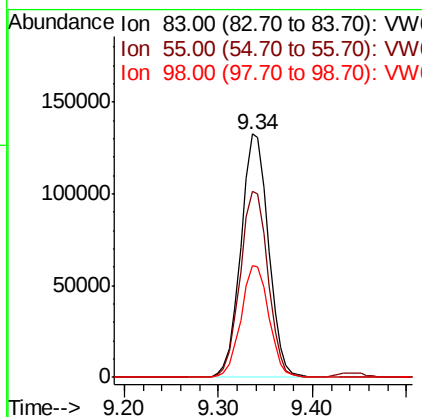
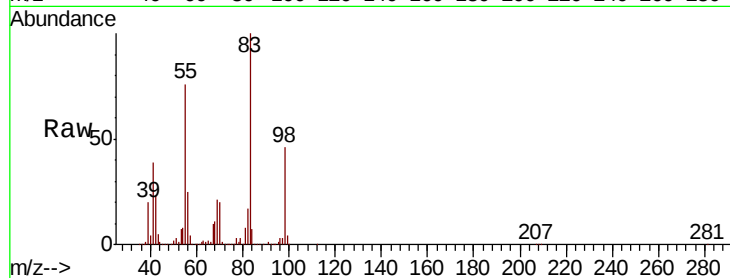
#39
Methvlcvclohexane
Concen: 21.45 ug/l
RT: 9.34 min Scan# 1271
Delta R.T. -0.00 min
Lab File: VW004786.D
Acq: 20 Aug 2018 13:11

Instrument :
MSVOA_W
ClientSampleId :
VW0820SBS01

Tot Ion	Ratio	Resp	Lower	Upper
83	100	270976		
55	76.2		62.4	93.6
98	46.1		36.5	54.7

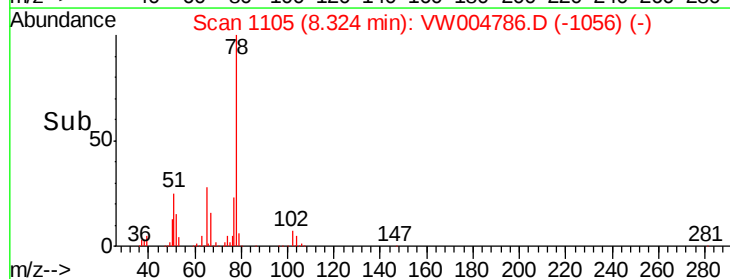
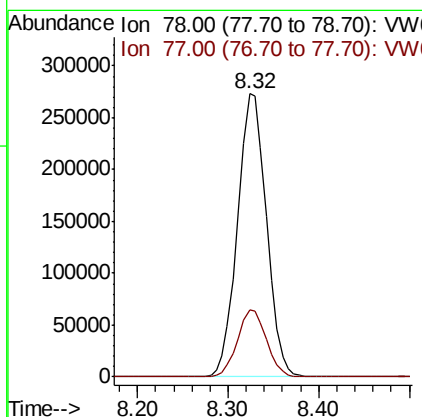
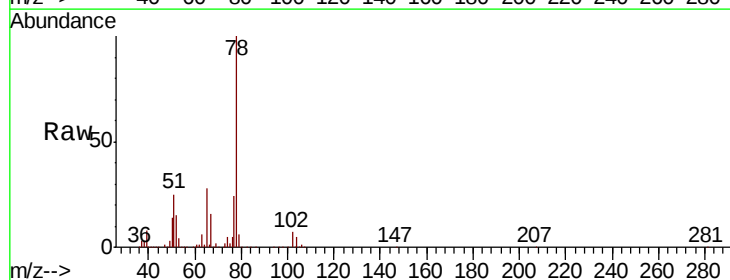
Manual Integrations
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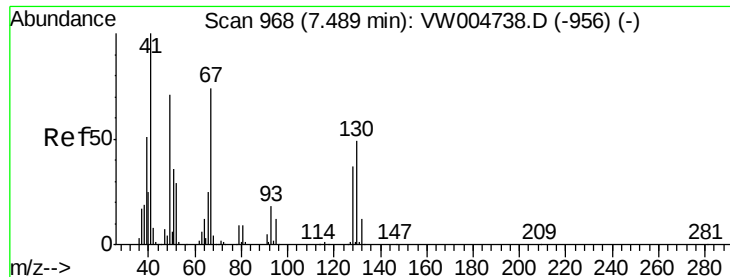
apatel
8/21/2018 11:31:20 AM



#40
Benzene
Concen: 20.59 ug/l
RT: 8.32 min Scan# 1105
Delta R.T. -0.00 min
Lab File: VW004786.D
Acq: 20 Aug 2018 13:11

Tgt Ion	Ratio	Resp	Lower	Upper
78	100	604412		
77	23.5		19.0	28.6





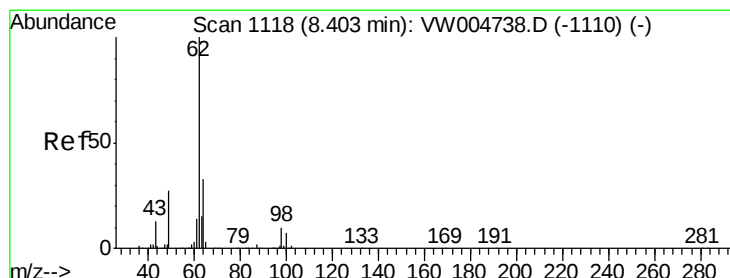
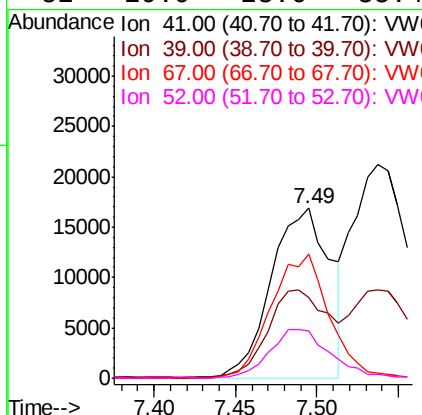
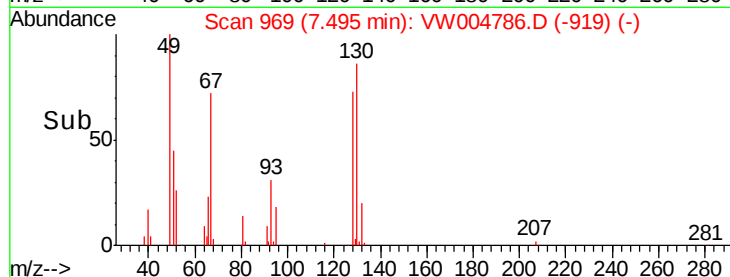
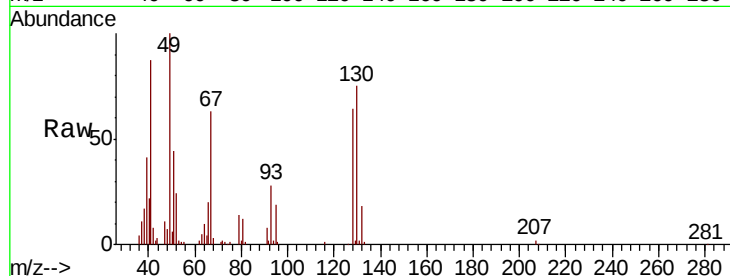
#41
Methacrylonitrile
Concen: 18.61 ug/l
RT: 7.49 min Scan# 969
Delta R.T. 0.01 min
Lab File: VW004786.D
Acq: 20 Aug 2018 13:11

Instrument :
MSVOA_W
ClientSampled :
VW0820SBS01

Tot Ion	Ion	Ratio	Resp	Lower	Upper
41	100		42546		
39	53.7	41.0	61.4		
67	72.0	59.5	89.3		
52	29.9	23.6	35.4		

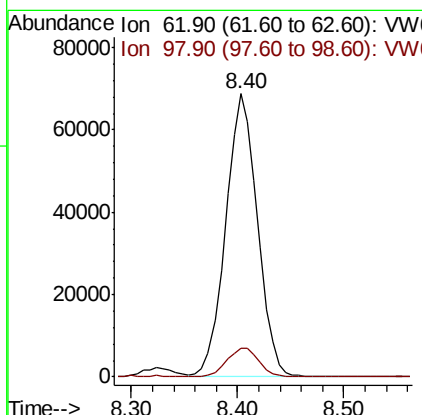
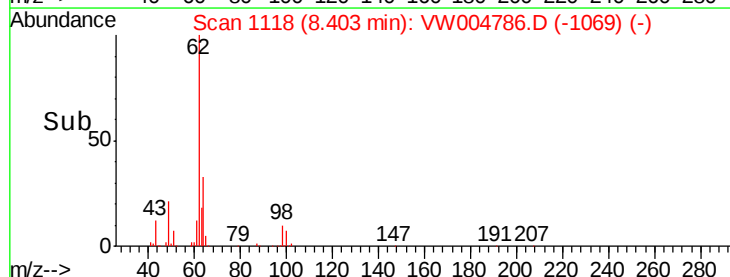
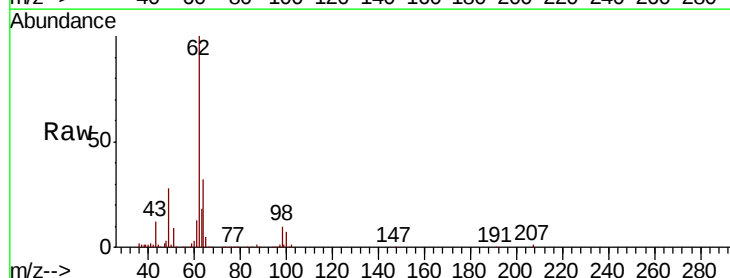
Manual Integrations
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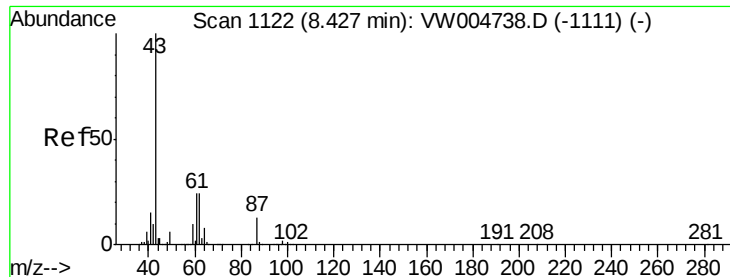
apatel
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#42
1,2-Dichloroethane
Concen: 19.07 ug/l
RT: 8.40 min Scan# 1118
Delta R.T. -0.00 min
Lab File: VW004786.D
Acq: 20 Aug 2018 13:11

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
62	100		143564		
98	10.4	0.0	20.2		





#43

Isopropyl Acetate

Concen: 17.19 ug/l

RT: 8.43 min Scan# 1123

Delta R.T. 0.01 min

Lab File: VW004786.D

Acq: 20 Aug 2018 13:11

Instrument :

MSVOA_W

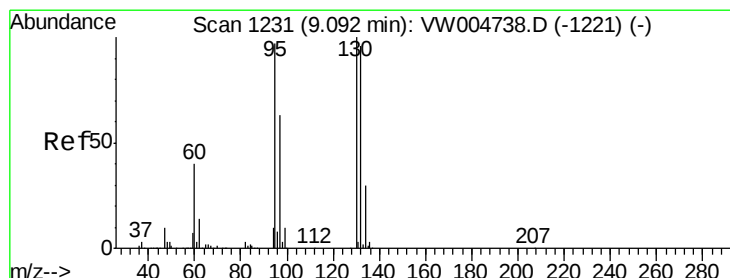
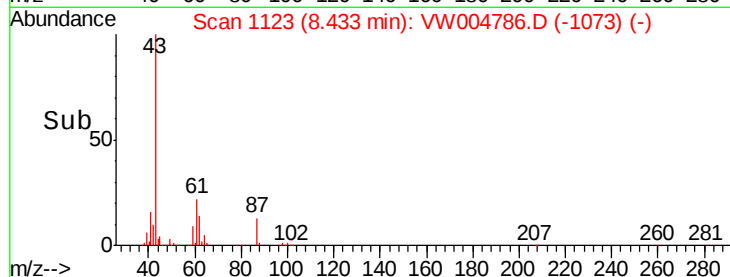
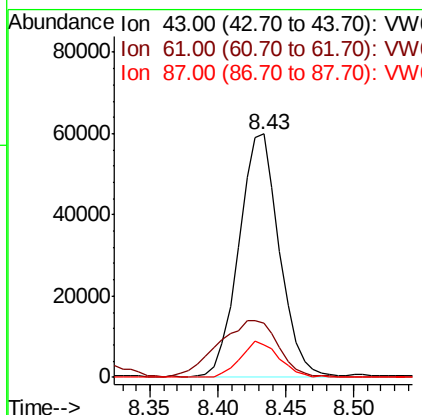
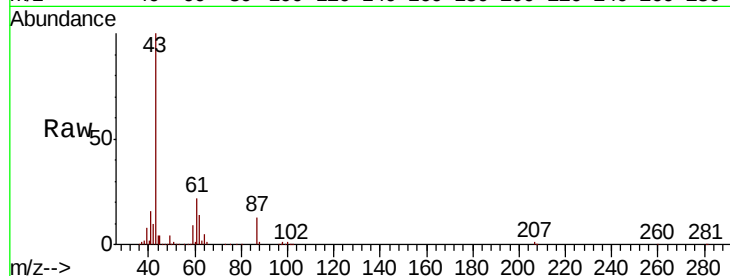
ClientSampleId :

VW0820SBS01

Tot Ion:	43	Resp:	124341
Ion Ratio	Lower	Upper	
43	100		
61	34.7	26.2	39.4
87	14.3	10.9	16.3

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#44

Trichloroethene

Concen: 21.15 ug/l

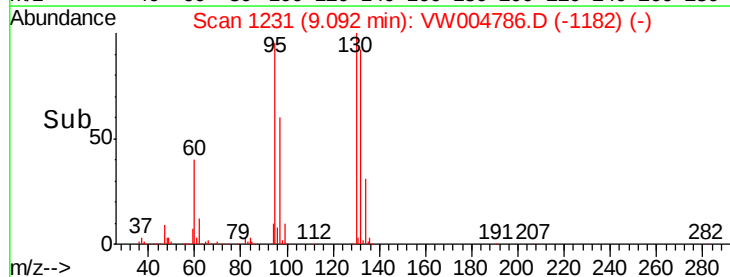
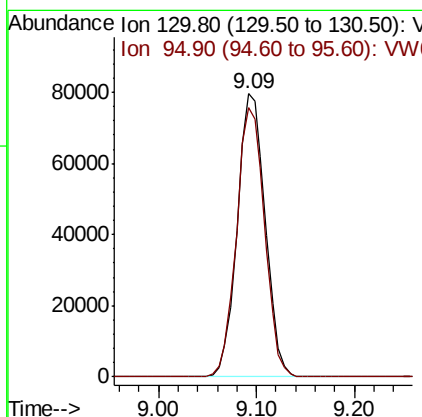
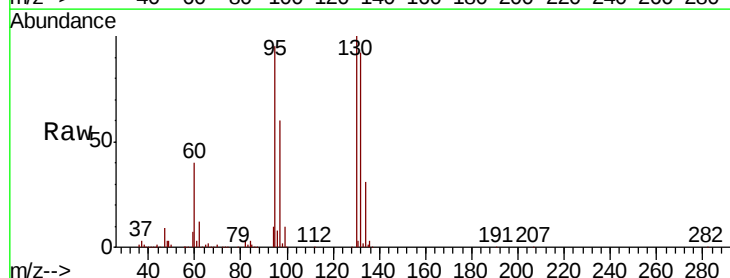
RT: 9.09 min Scan# 1231

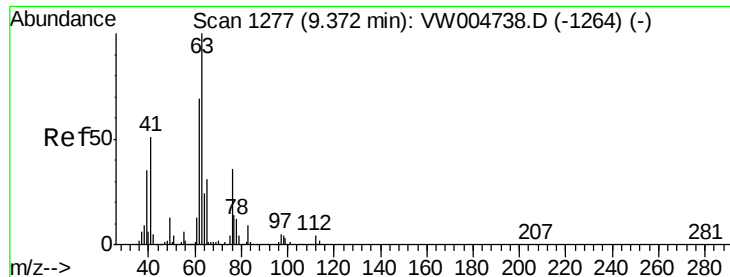
Delta R.T. -0.00 min

Lab File: VW004786.D

Acq: 20 Aug 2018 13:11

Tgt Ion:	130	Resp:	157610
Ion Ratio	Lower	Upper	
130	100		
95	95.2	0.0	194.4





#45

1,2-Dichloropropane

Concen: 20.01 ug/l

RT: 9.37 min Scan# 1277

Delta R.T. -0.00 min

Lab File: VW004786.D

Acq: 20 Aug 2018 13:11

Instrument :

MSVOA_W

ClientSampleId :

VW0820SBS01

Tot Ion: 63 Resp: 143705

Ion Ratio Lower Upper

63 100

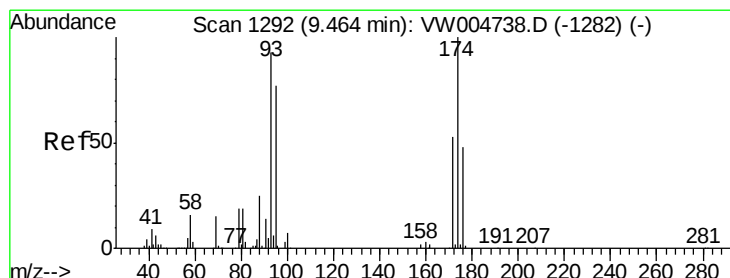
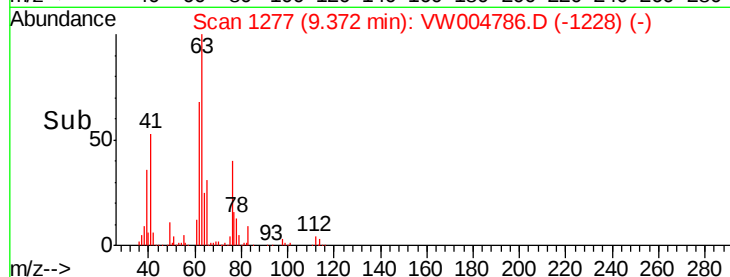
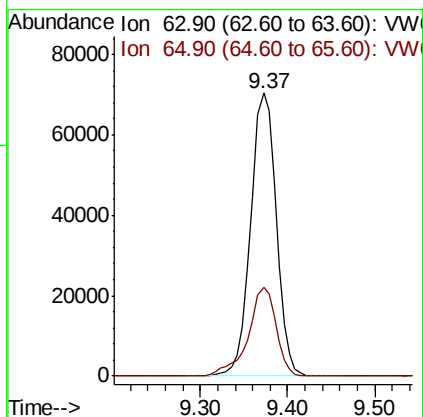
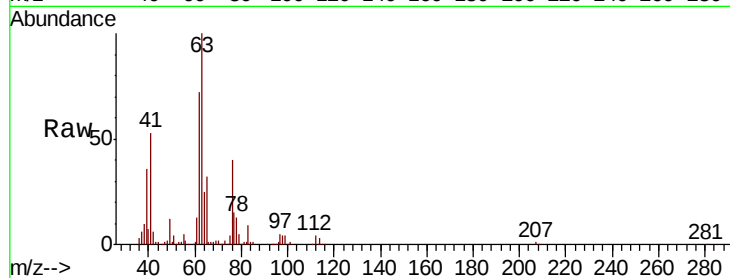
65 31.6 24.6 37.0

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#46

Dibromomethane

Concen: 18.82 ug/l

RT: 9.46 min Scan# 1292

Delta R.T. -0.00 min

Lab File: VW004786.D

Acq: 20 Aug 2018 13:11

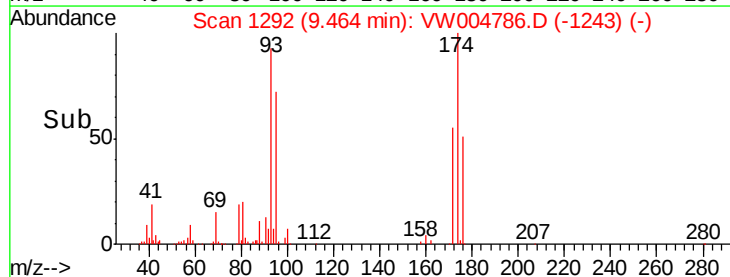
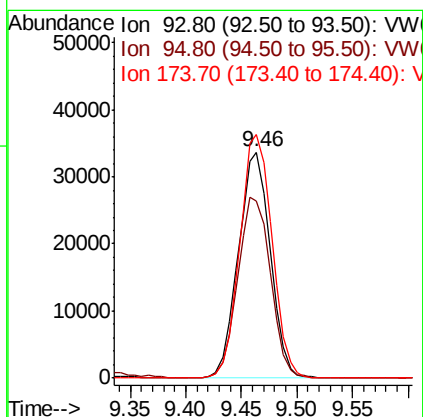
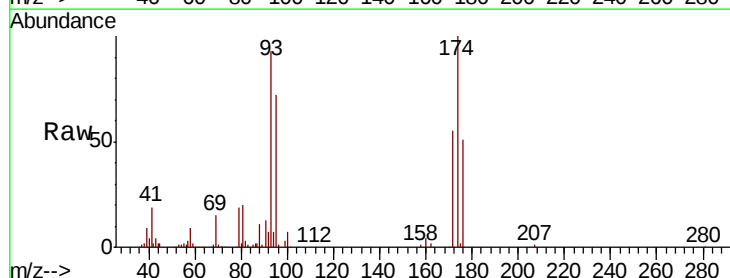
Tgt Ion: 93 Resp: 66961

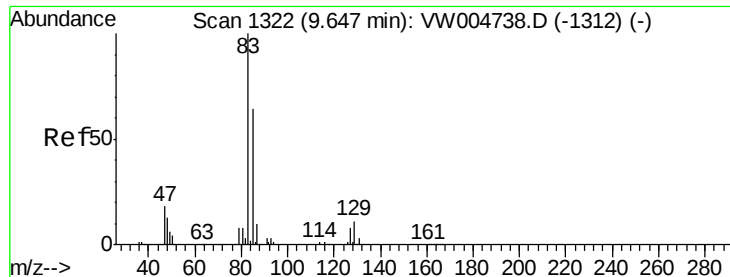
Ion Ratio Lower Upper

93 100

95 82.1 66.6 99.8

174 109.1 85.3 127.9





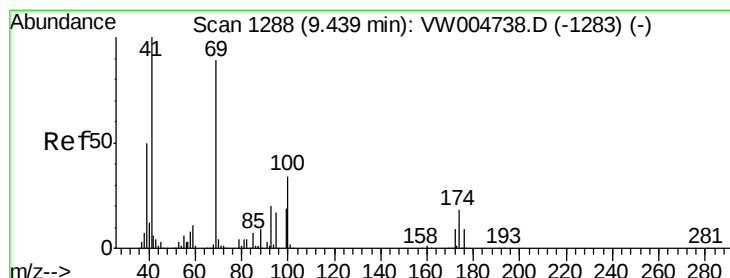
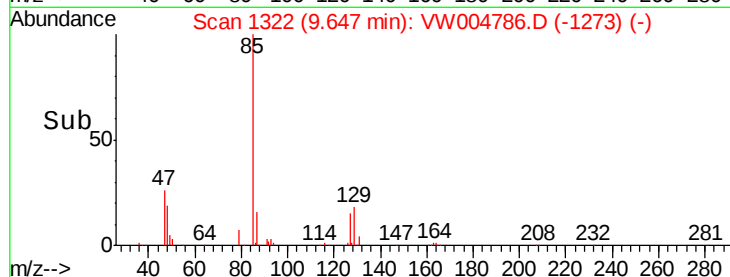
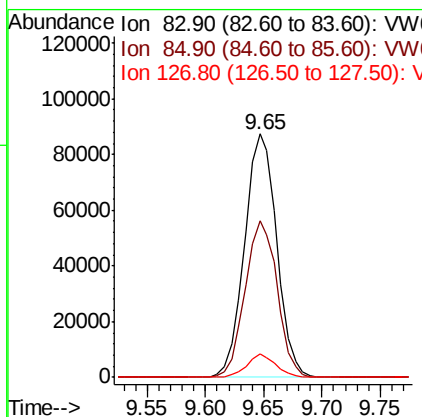
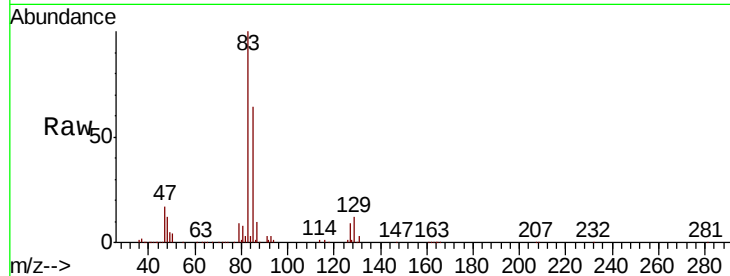
#47
Bromodichloromethane
Concen: 19.77 ug/l
RT: 9.65 min Scan# 1322
Delta R.T. -0.00 min
Lab File: VW004786.D
Acq: 20 Aug 2018 13:11

Instrument :
MSVOA_W
ClientSampleId :
VW0820SBS01

Tot Ion:	83	Resp:	167959
Ion Ratio	Lower	Upper	
83	100		
85	64.4	51.2	76.8
127	9.4	6.7	10.1

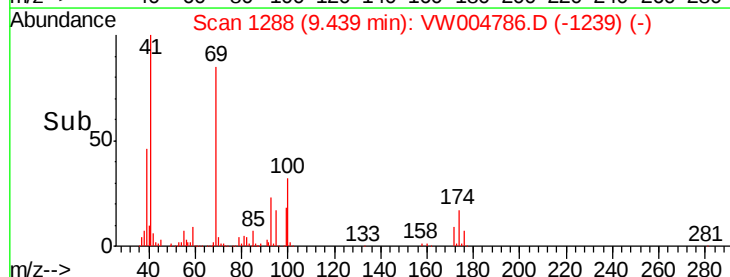
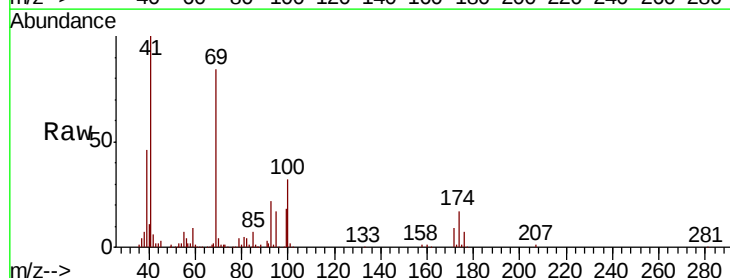
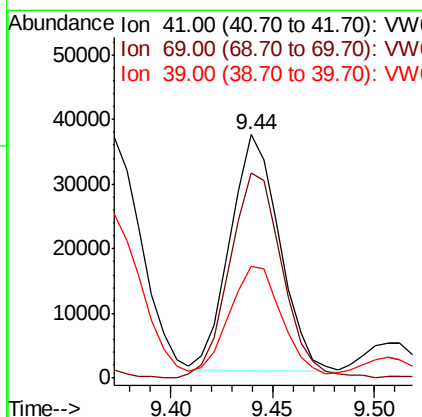
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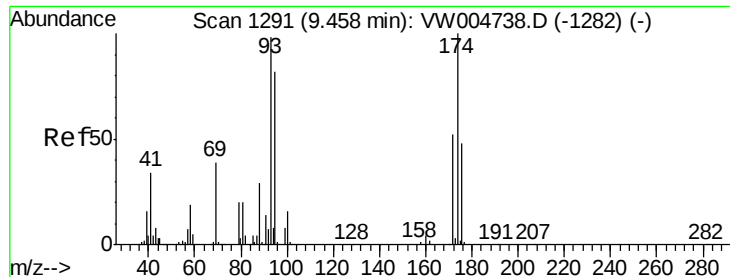
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#48
Methyl methacrylate
Concen: 18.06 ug/l
RT: 9.44 min Scan# 1288
Delta R.T. -0.00 min
Lab File: VW004786.D
Acq: 20 Aug 2018 13:11

Tgt Ion:	41	Resp:	61313
Ion Ratio	Lower	Upper	
41	100		
69	91.7	75.2	112.8
39	47.5	39.8	59.6





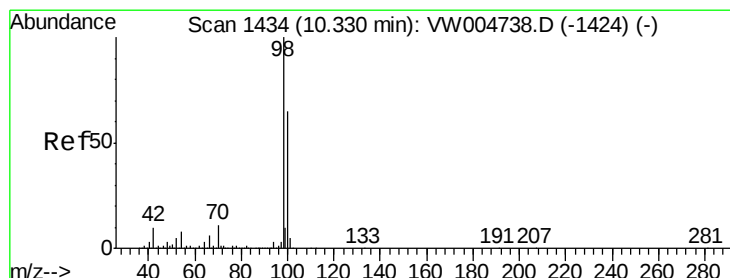
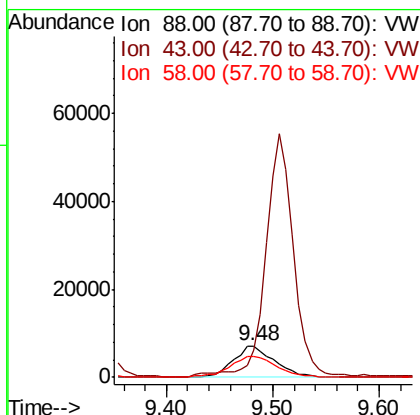
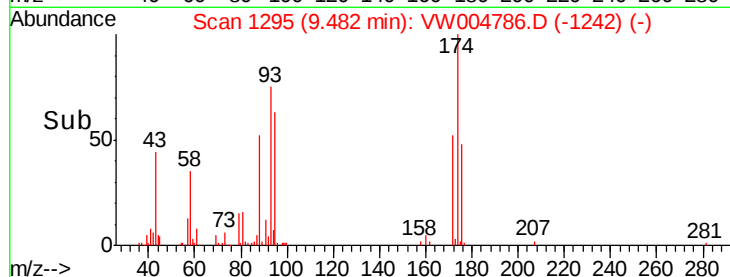
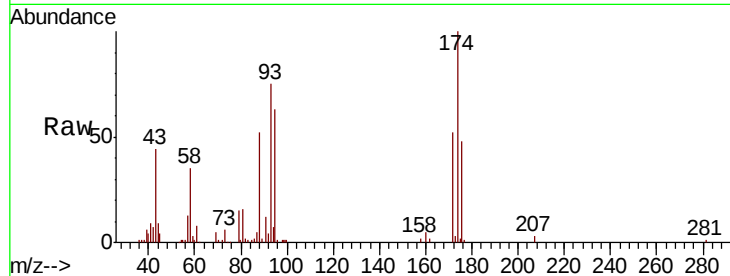
#49
1,4-Dioxane
Concen: 373.14 ug/l
RT: 9.48 min Scan# 1295
Delta R.T. 0.02 min
Lab File: VW004786.D
Acq: 20 Aug 2018 13:11

Instrument :
MSVOA_W
ClientSampleId :
VW0820SBS01

Tot Ion	Ratio	Lower	Upper
88	100		
43	0.0	22.9	34.3#
58	76.2	60.0	90.0

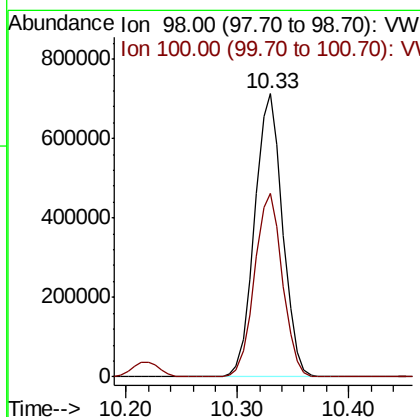
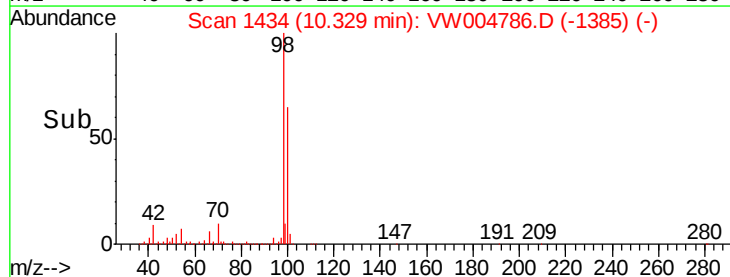
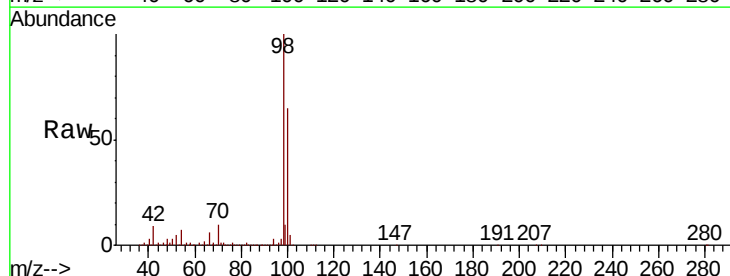
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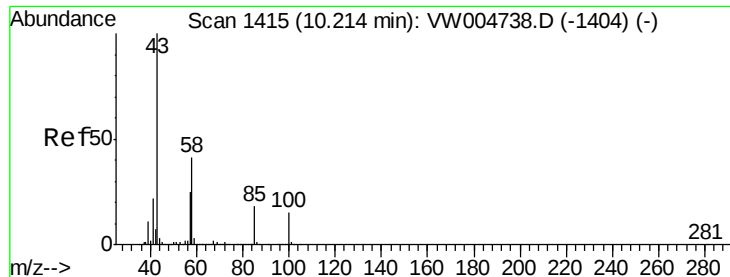
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#50
Toluene-d8
Concen: 50.93 ug/l
RT: 10.33 min Scan# 1434
Delta R.T. -0.00 min
Lab File: VW004786.D
Acq: 20 Aug 2018 13:11

Tgt Ion	Ratio	Lower	Upper
98	100		
100	64.7	51.8	77.8





#51

4-Methyl-2-Pentanone

Concen: 85.56 ug/l

RT: 10.21 min Scan# 1415

Delta R.T. -0.00 min

Lab File: VW004786.D

Acq: 20 Aug 2018 13:11

Instrument :

MSVOA_W

ClientSampled :

VW0820SBS01

Tot Ion: 43 Resp: 418295

Ion Ratio Lower Upper

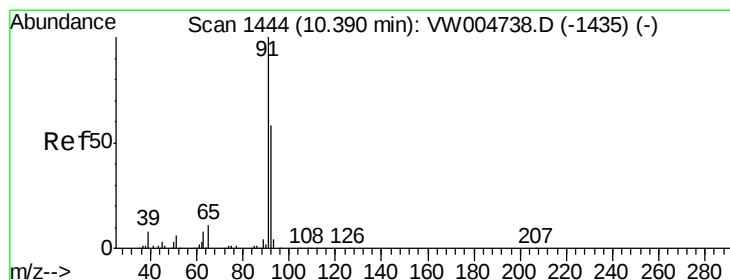
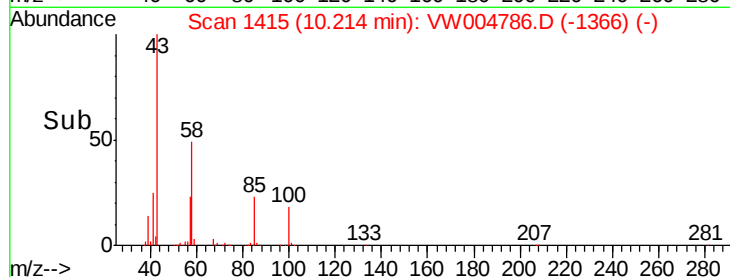
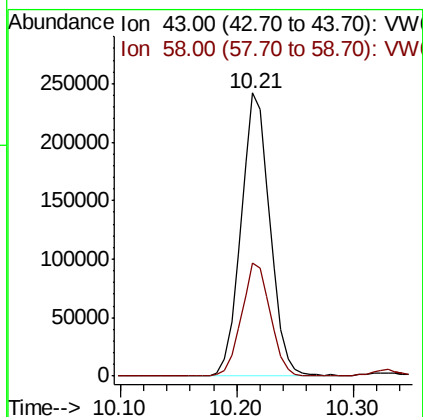
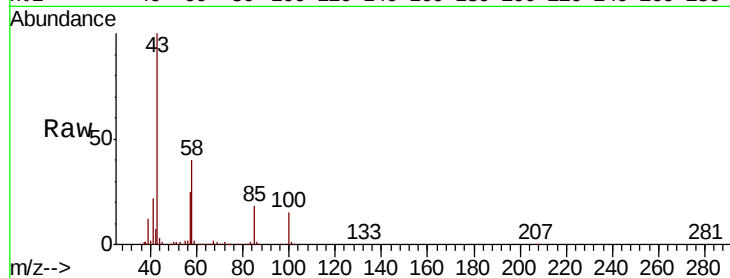
43 100

58 40.2 32.7 49.1

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#52

Toluene

Concen: 21.31 ug/l

RT: 10.39 min Scan# 1444

Delta R.T. -0.00 min

Lab File: VW004786.D

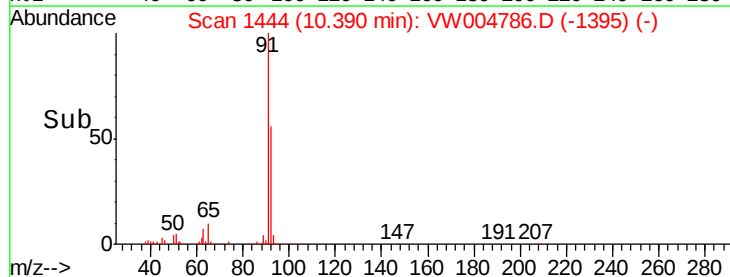
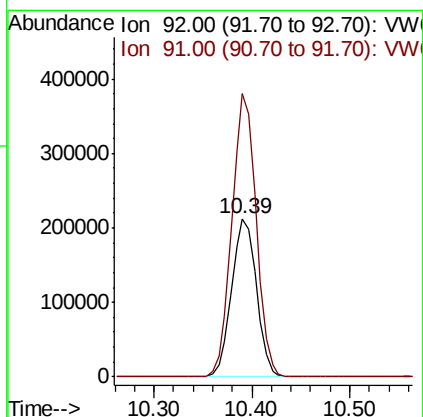
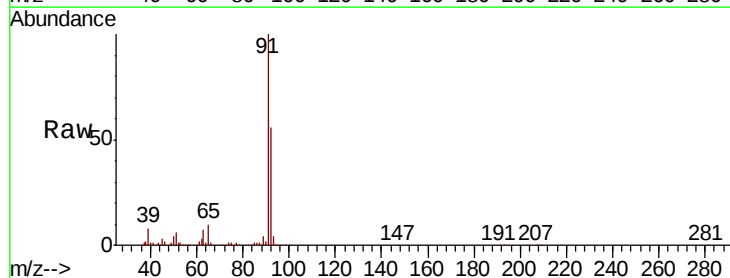
Acq: 20 Aug 2018 13:11

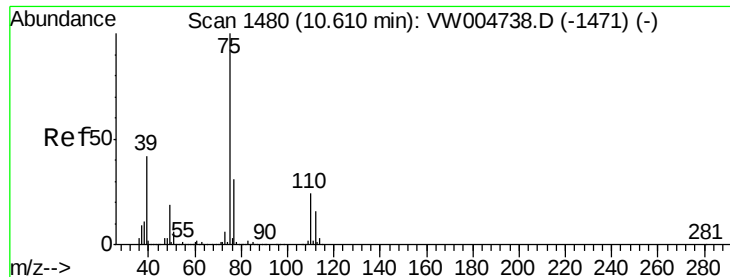
Tgt Ion: 92 Resp: 375177

Ion Ratio Lower Upper

92 100

91 174.5 138.3 207.5





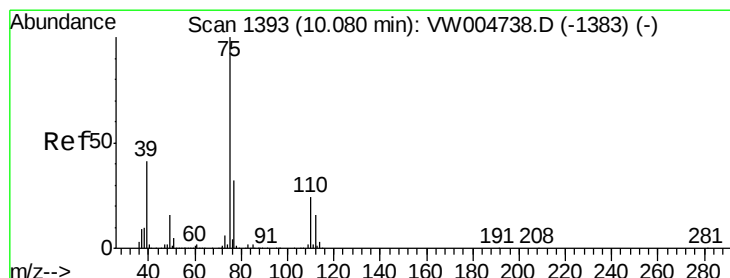
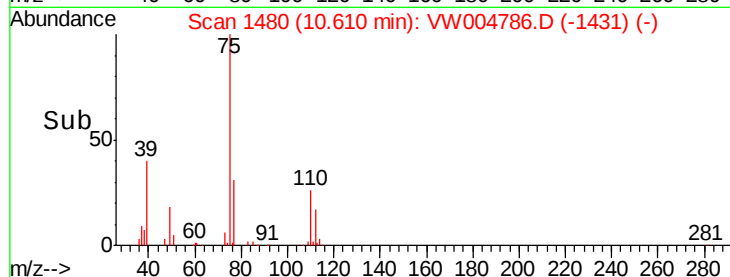
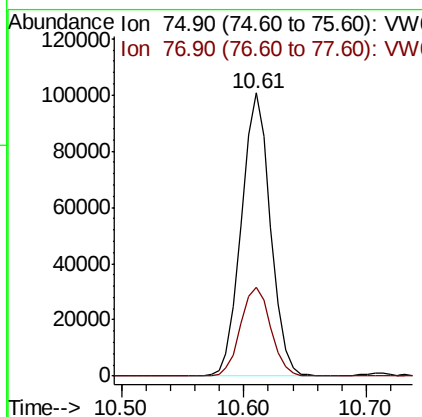
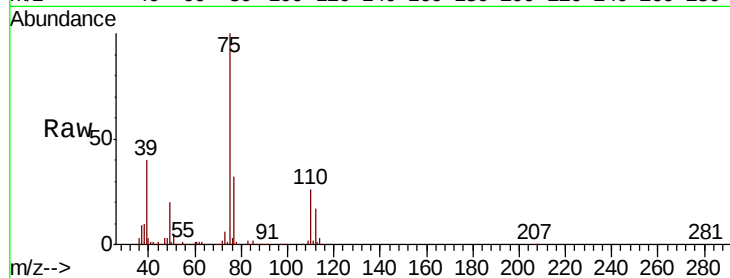
#53
t-1,3-Dichloropropene
Concen: 19.38 ug/l
RT: 10.61 min Scan# 1480
Delta R.T. -0.00 min
Lab File: VW004786.D
Acq: 20 Aug 2018 13:11

Instrument :
MSVOA_W
ClientSampleId :
VW0820SBS01

Tot Ion	Ratio	Lower	Upper
75	100		
77	31.5	24.8	37.2

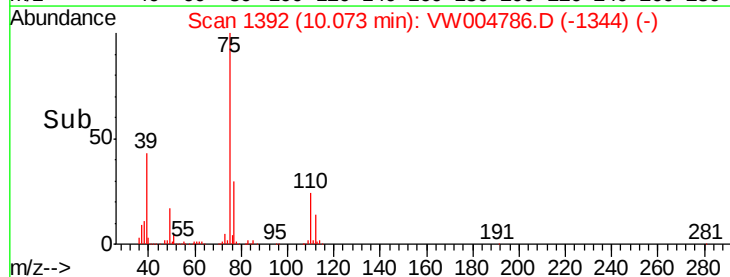
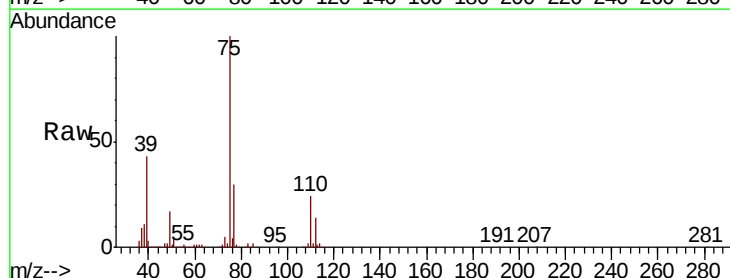
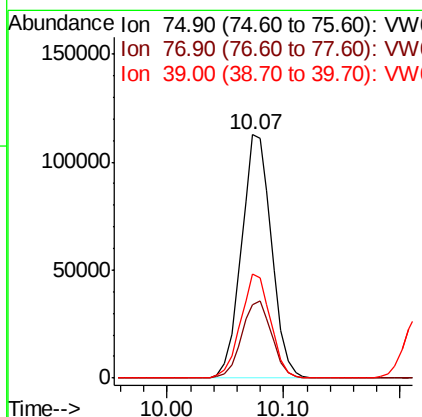
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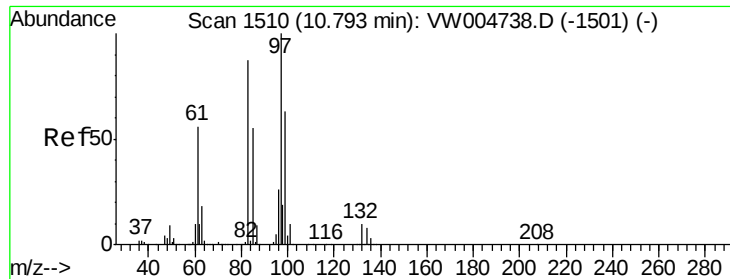
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#54
cis-1,3-Dichloropropene
Concen: 19.85 ug/l
RT: 10.07 min Scan# 1392
Delta R.T. -0.01 min
Lab File: VW004786.D
Acq: 20 Aug 2018 13:11

Tgt Ion	Ratio	Lower	Upper
75	100		
77	30.2	25.6	38.4
39	42.4	33.0	49.4





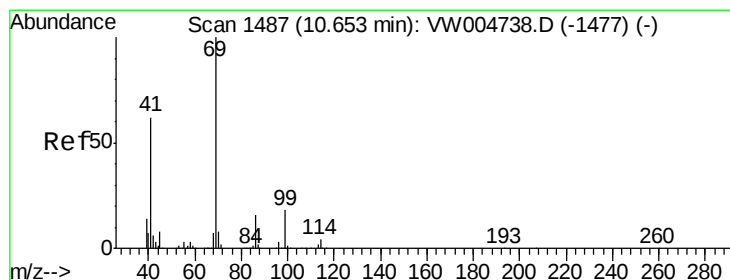
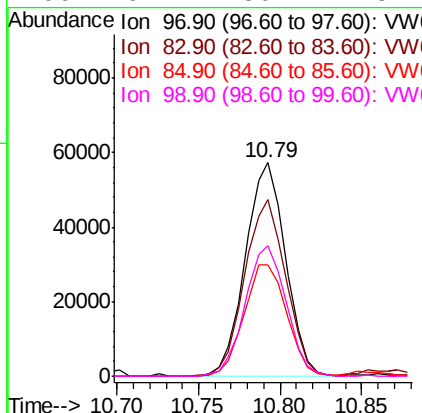
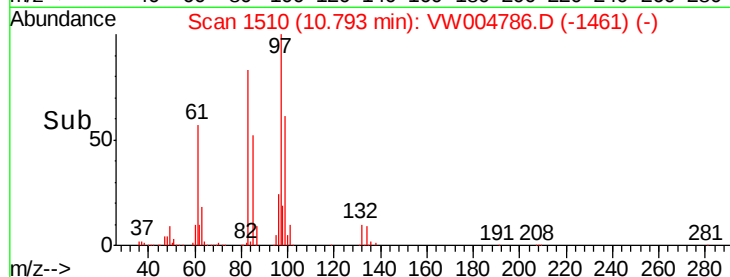
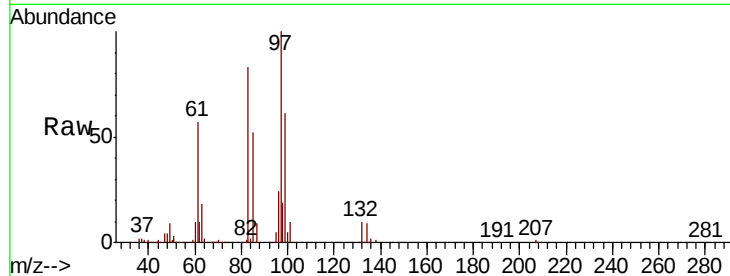
#55
 1,1,2-Trichloroethane
 Concen: 19.39 ug/l
 RT: 10.79 min Scan# 1510
 Delta R.T. -0.00 min
 Lab File: VW004786.D
 Acq: 20 Aug 2018 13:11

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0820SBS01

Tot Ion	Ion	Ratio	Resp	Lower	Upper
97	100		98052		
83	82.9	69.4	104.2		
85	52.5	44.3	66.5		
99	61.2	50.2	75.2		

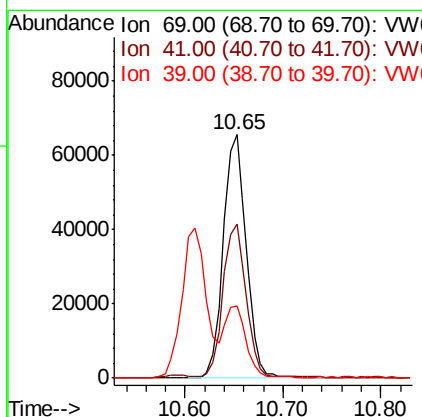
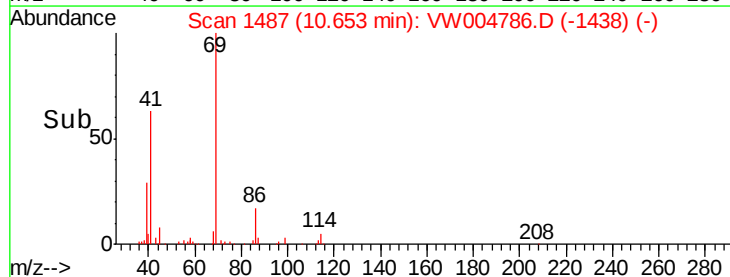
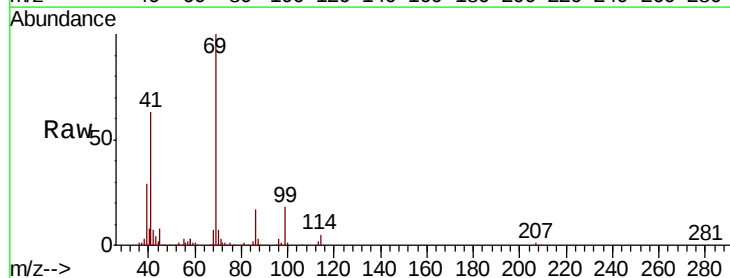
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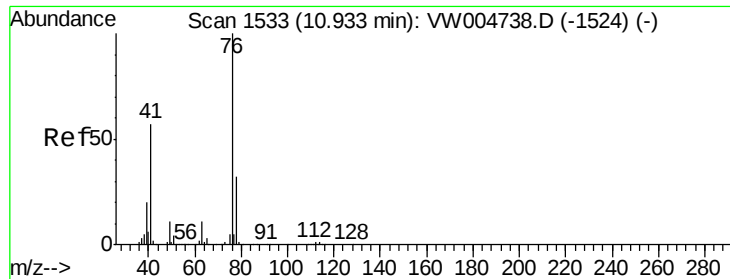
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#56
 Ethyl methacrylate
 Concen: 18.21 ug/l
 RT: 10.65 min Scan# 1487
 Delta R.T. 0.00 min
 Lab File: VW004786.D
 Acq: 20 Aug 2018 13:11

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
69	100		107039		
41	62.9	50.7	76.1		
39	27.1	21.4	32.2		





#57

1,3-Dichloropropane

Concen: 18.98 ug/l

RT: 10.94 min Scan# 1534

Delta R.T. 0.01 min

Lab File: VW004786.D

Acq: 20 Aug 2018 13:11

Instrument :

MSVOA_W

ClientSampled :

VW0820SBS01

Tot Ion: 76 Resp: 165705

Ion Ratio Lower Upper

76 100

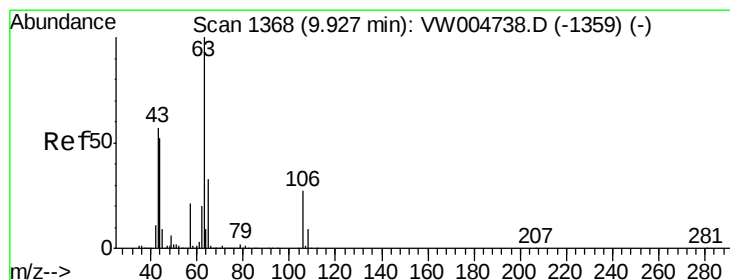
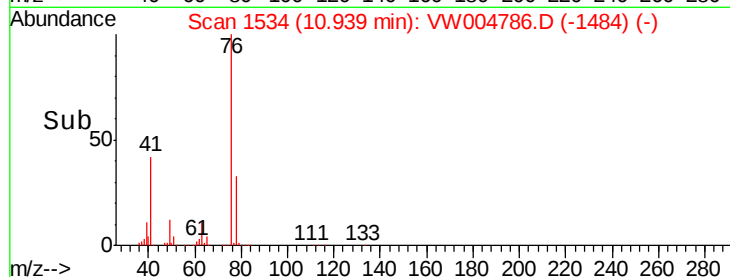
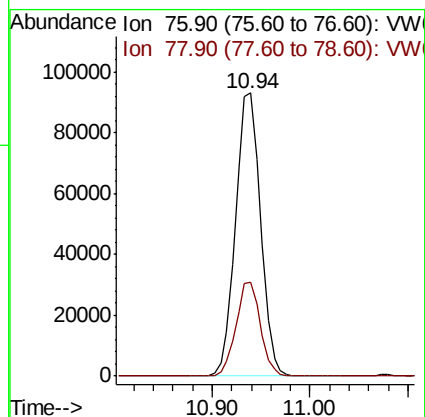
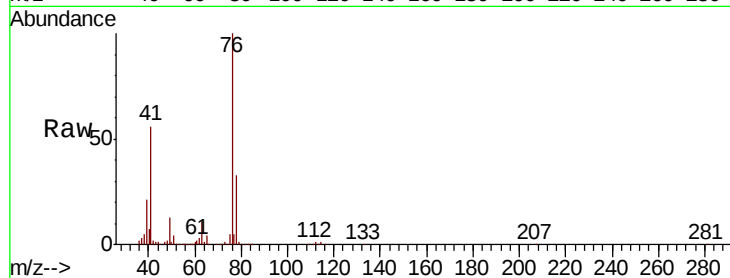
78 32.4 25.9 38.9

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#58

2-Chloroethyl Vinyl ether

Concen: 97.03 ug/l

RT: 9.93 min Scan# 1368

Delta R.T. -0.00 min

Lab File: VW004786.D

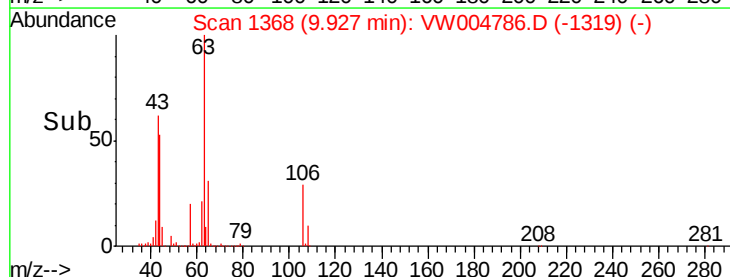
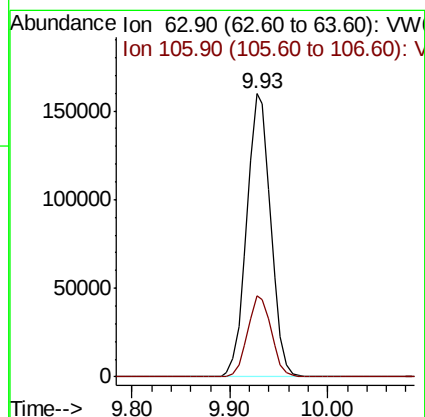
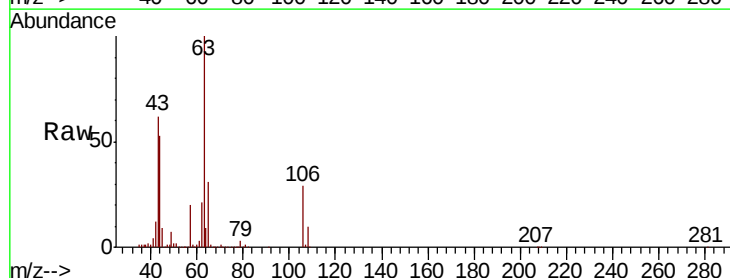
Acq: 20 Aug 2018 13:11

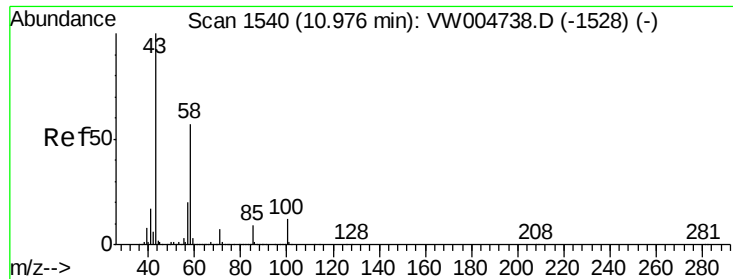
Tgt Ion: 63 Resp: 271023

Ion Ratio Lower Upper

63 100

106 28.3 22.1 33.1





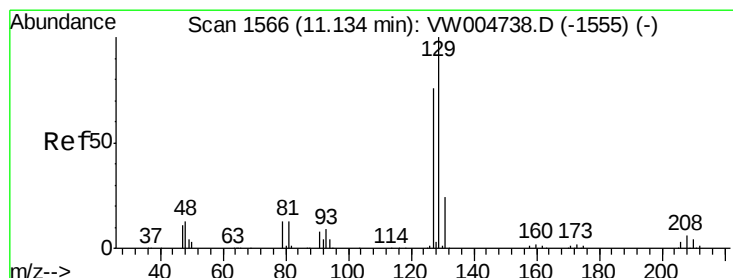
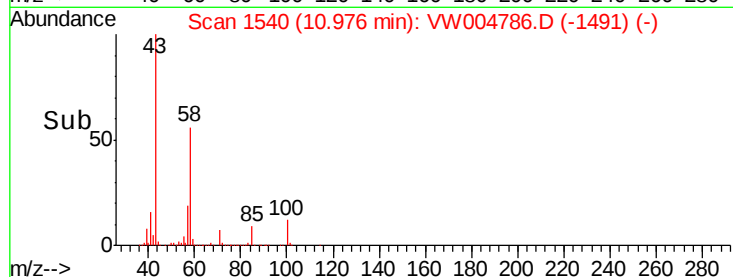
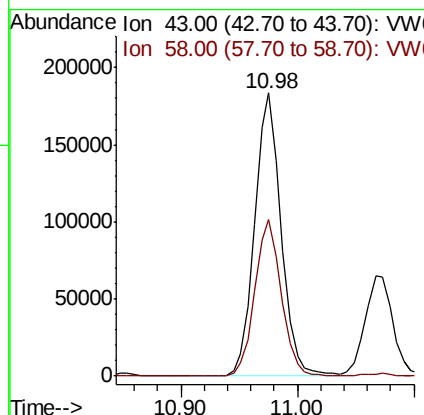
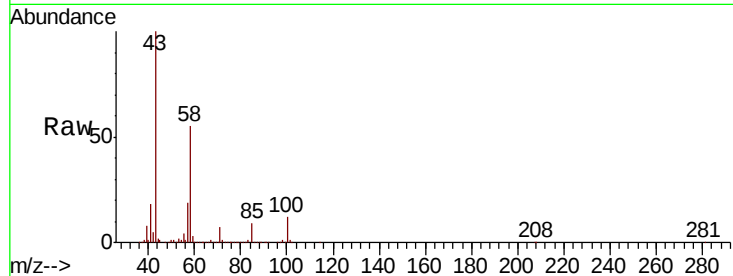
#59
2-Hexanone
Concen: 87.35 ug/l
RT: 10.98 min Scan# 1540
Delta R.T. -0.00 min
Lab File: VW004786.D
Acq: 20 Aug 2018 13:11

Instrument :
MSVOA_W
ClientSampleId :
VW0820SBS01

Tot Ion	Ratio	Lower	Upper
43	100		
58	55.6	28.1	84.4

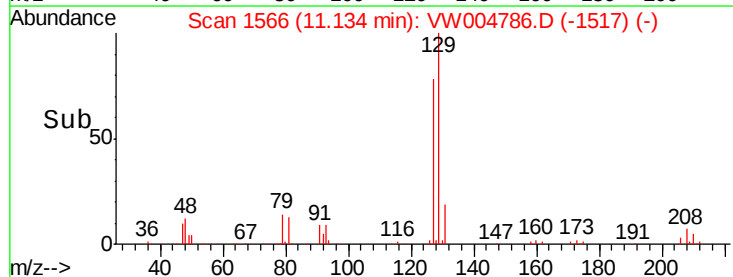
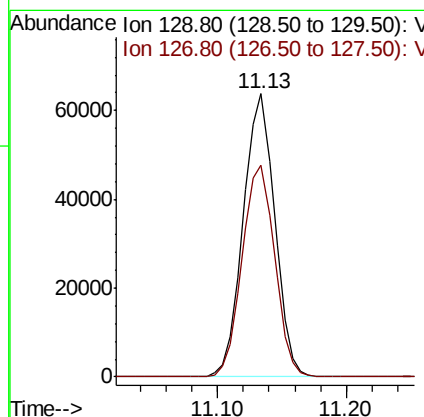
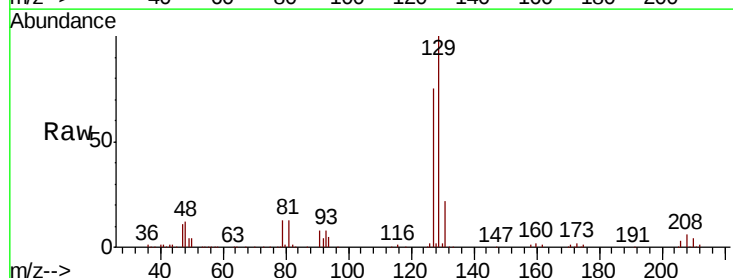
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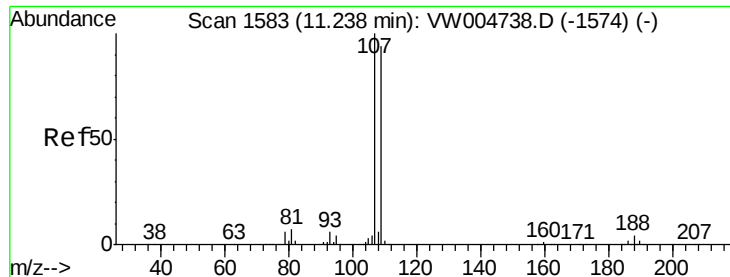
apatel
8/21/2018 11:31:20 AM



#60
Dibromochloromethane
Concen: 19.03 ug/l
RT: 11.13 min Scan# 1566
Delta R.T. -0.00 min
Lab File: VW004786.D
Acq: 20 Aug 2018 13:11

Tgt Ion	Ratio	Lower	Upper
129	100		
127	77.1	38.5	115.5





#61

1,2-Dibromoethane

Concen: 18.76 ug/l

RT: 11.24 min Scan# 1583

Delta R.T. -0.00 min

Lab File: VW004786.D

Acq: 20 Aug 2018 13:11

Instrument :

MSVOA_W

ClientSampleId :

VW0820SBS01

Tot Ion: 107 Resp: 90682

Ion Ratio Lower Upper

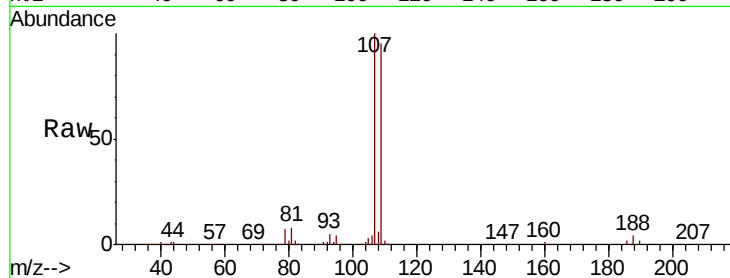
107 100

109 94.4 75.5 113.3

Manual Integrations
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Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

11.24

60000

50000

40000

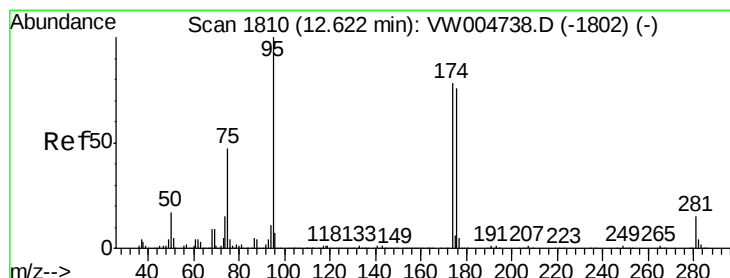
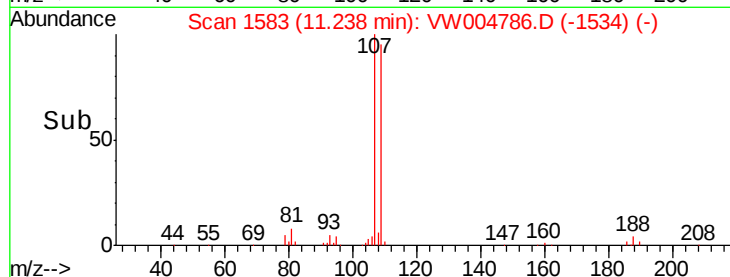
30000

20000

10000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 48.32 ug/l

RT: 12.62 min Scan# 1810

Delta R.T. -0.00 min

Lab File: VW004786.D

Acq: 20 Aug 2018 13:11

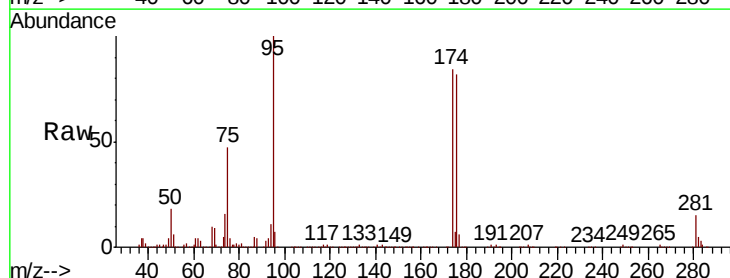
Tgt Ion: 95 Resp: 425334

Ion Ratio Lower Upper

95 100

174 86.5 0.0 165.8

176 83.9 0.0 159.8



Abundance Ion 94.90 (94.60 to 95.60): VW

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

12.62

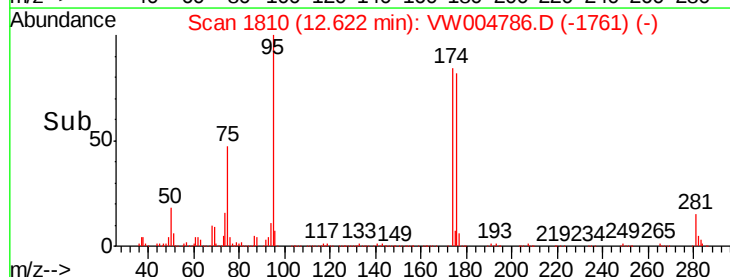
300000

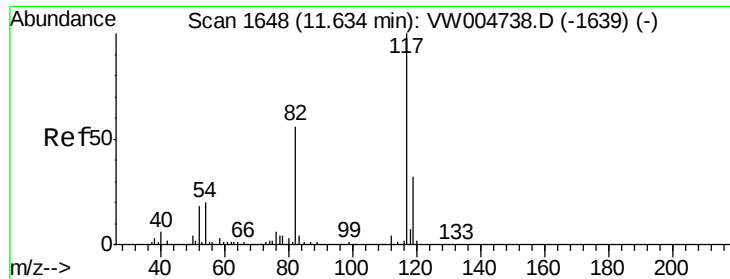
200000

100000

0

Time-->





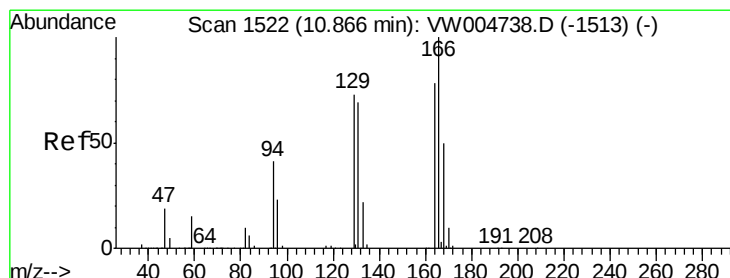
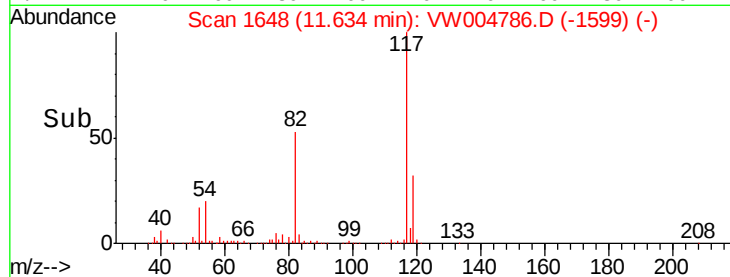
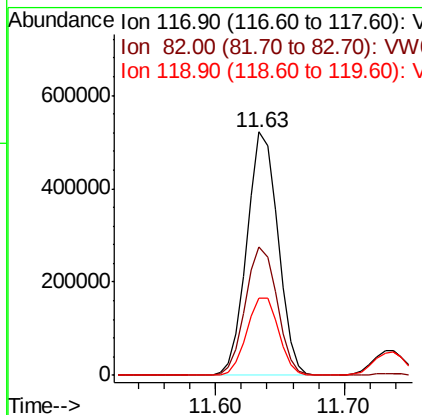
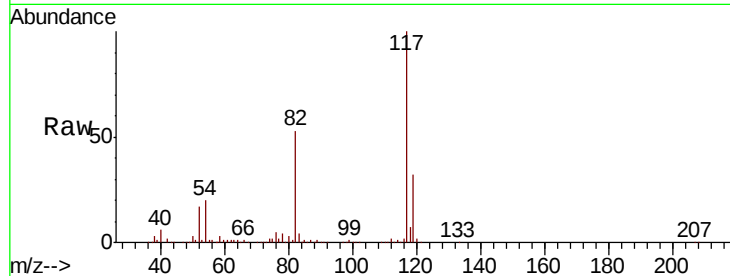
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.63 min Scan# 1648
Delta R.T. -0.00 min
Lab File: VW004786.D
Acq: 20 Aug 2018 13:11

Instrument :
MSVOA_W
ClientSampleId :
VW0820SBS01

Tot Ion	Ratio	Resp	Lower	Upper
117	100	868060		
82	52.6		44.6	67.0
119	31.8		25.6	38.4

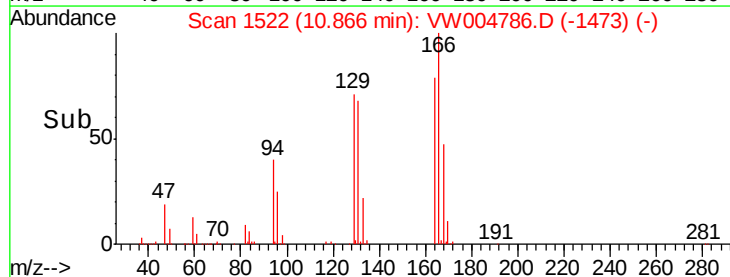
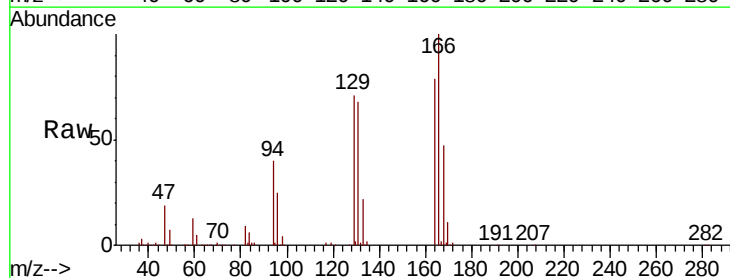
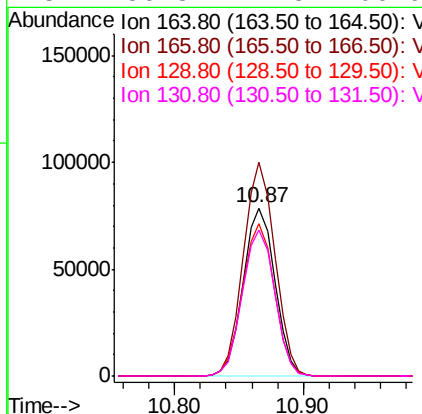
Manual Integrations
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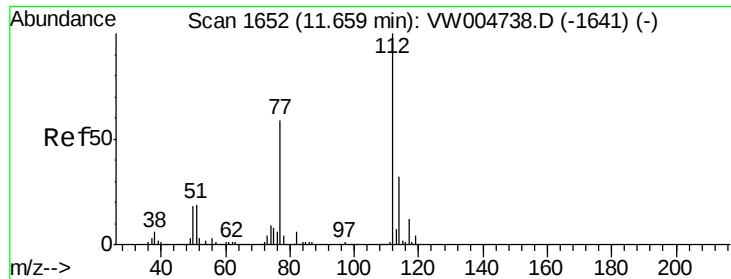
apatel
8/21/2018 11:31:20 AM



#64
Tetrachloroethene
Concen: 22.60 ug/l
RT: 10.87 min Scan# 1522
Delta R.T. -0.00 min
Lab File: VW004786.D
Acq: 20 Aug 2018 13:11

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	134053		
166	127.1		102.5	153.7
129	90.3		75.1	112.7
131	86.8		71.3	106.9





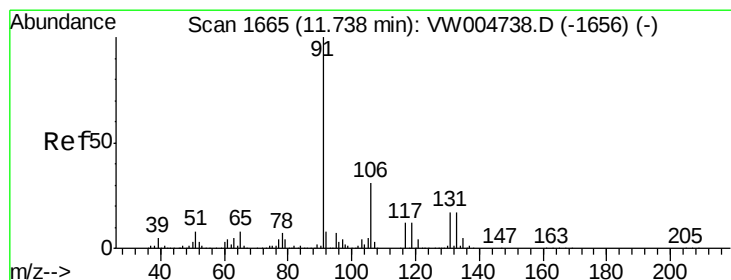
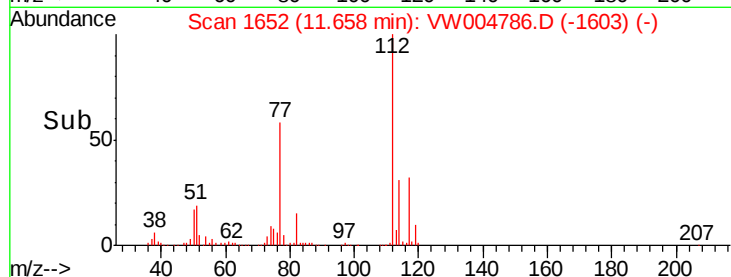
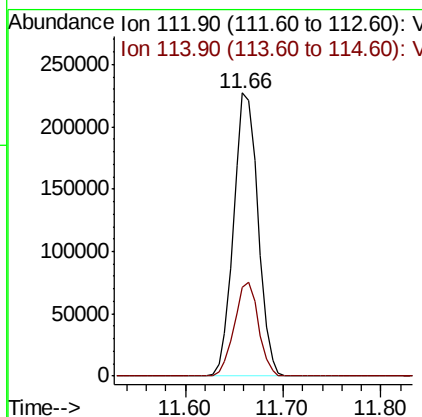
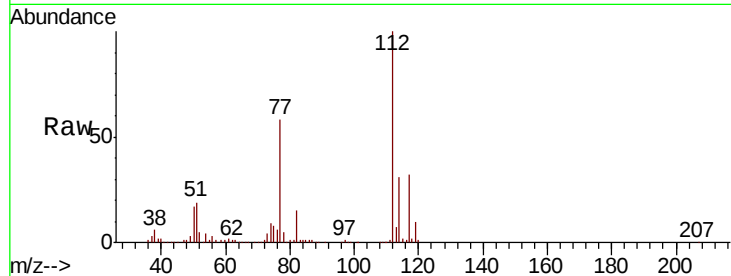
#65
Chlorobenzene
Concen: 21.03 ug/l
RT: 11.66 min Scan# 1652
Delta R.T. -0.00 min
Lab File: VW004786.D
Acq: 20 Aug 2018 13:11

Instrument :
MSVOA_W
ClientSampleId :
VW0820SBS01

Tot Ion	Ratio	Lower	Upper
112	100		
114	31.3	25.4	38.2

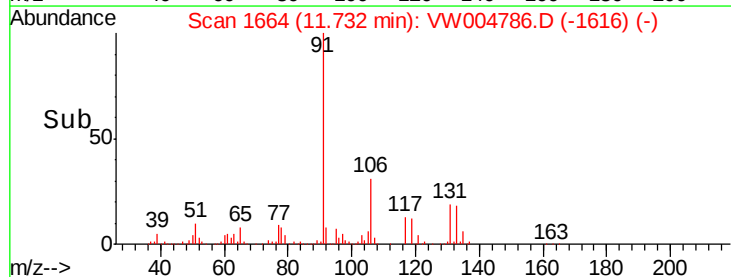
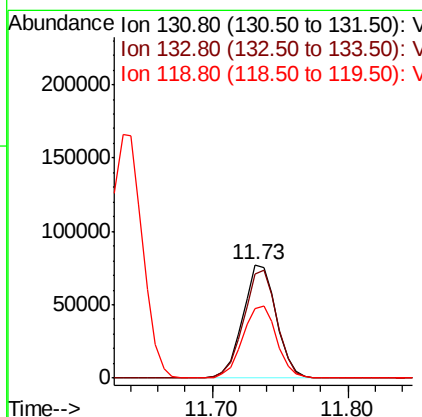
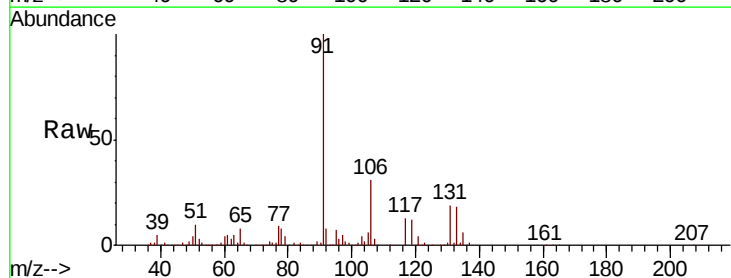
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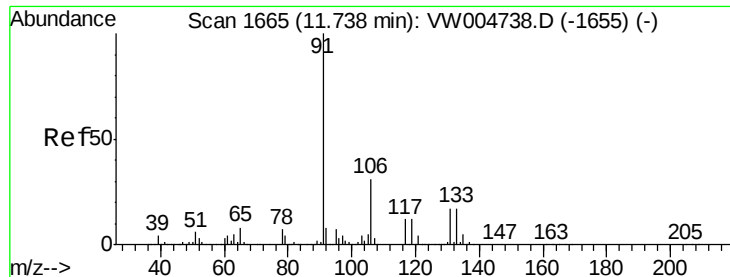
apatel
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#66
1,1,1,2-Tetrachloroethane
Concen: 20.96 ug/l
RT: 11.73 min Scan# 1664
Delta R.T. -0.01 min
Lab File: VW004786.D
Acq: 20 Aug 2018 13:11

Tgt Ion	Ratio	Lower	Upper
131	100		
133	94.7	48.2	144.6
119	65.0	34.0	102.0





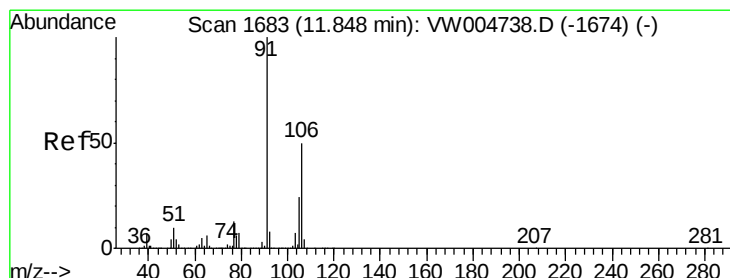
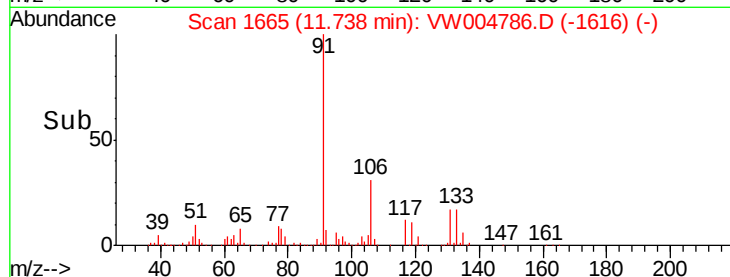
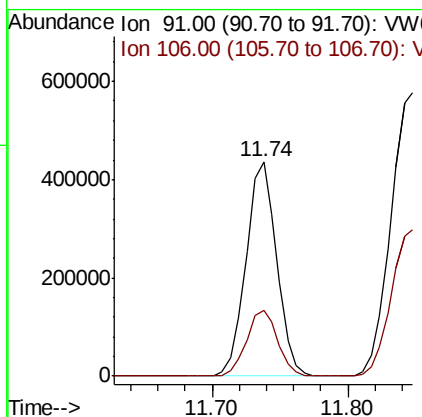
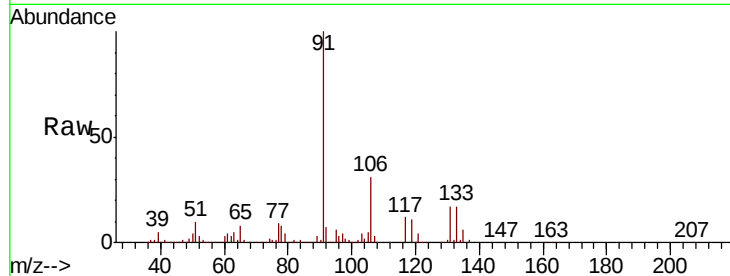
#67
Ethyl Benzene
Concen: 21.72 ug/l
RT: 11.74 min Scan# 1665
Delta R.T. -0.00 min
Lab File: VW004786.D
Acq: 20 Aug 2018 13:11

Instrument :
MSVOA_W
ClientSampled :
VW0820SBS01

Tot Ion: 91 Resp: 687918
Ion Ratio Lower Upper
91 100
106 30.6 24.9 37.3

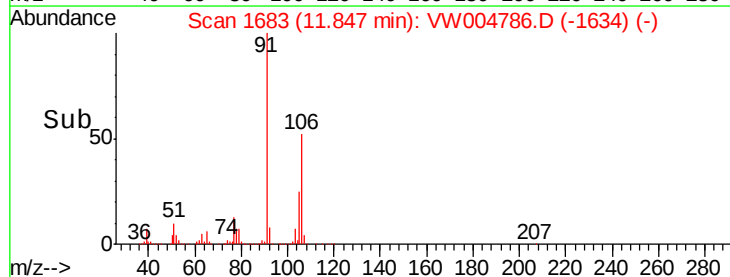
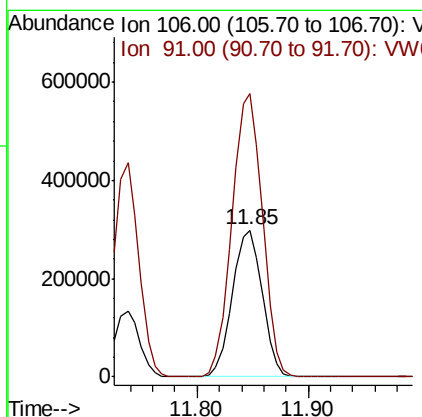
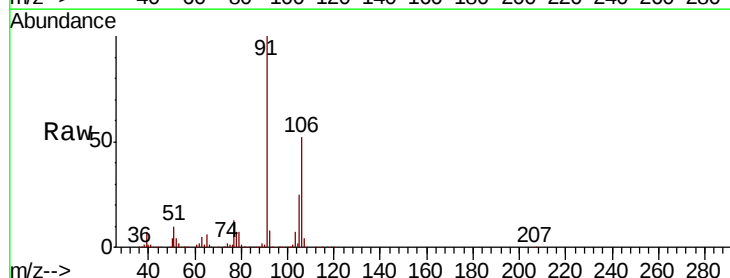
Manual Integrations
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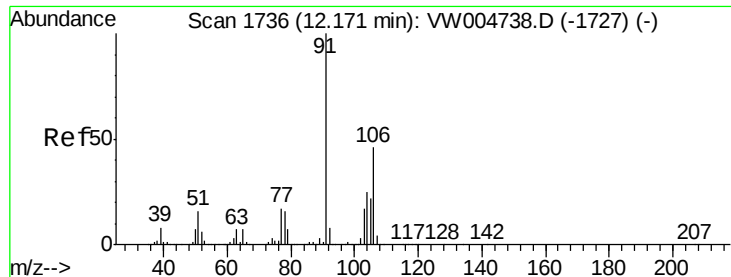
apatel
8/21/2018 11:31:20 AM



#68
m/p-Xylenes
Concen: 45.01 ug/l
RT: 11.85 min Scan# 1683
Delta R.T. -0.00 min
Lab File: VW004786.D
Acq: 20 Aug 2018 13:11

Tgt Ion: 106 Resp: 554692
Ion Ratio Lower Upper
106 100
91 196.3 159.9 239.9





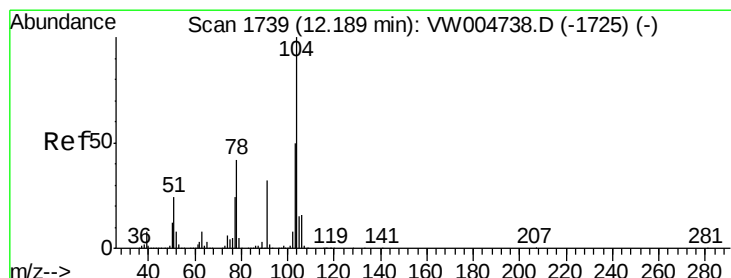
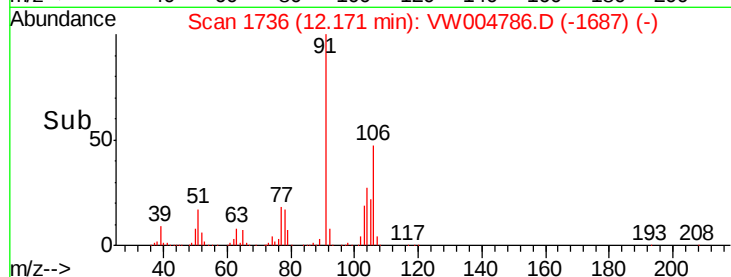
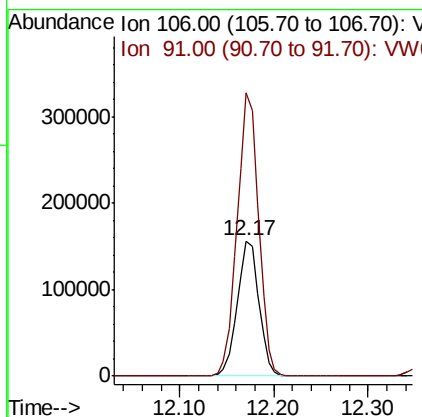
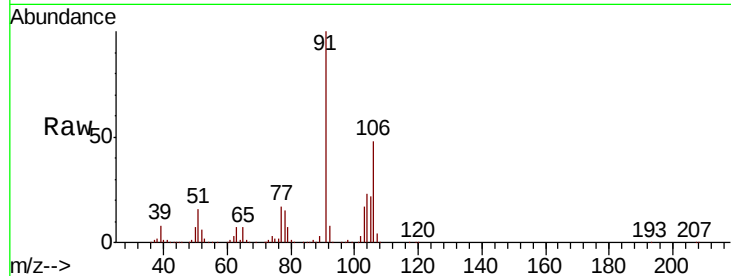
#69
o-Xylene
Concen: 21.89 ug/l
RT: 12.17 min Scan# 1736
Delta R.T. -0.00 min
Lab File: VW004786.D
Acq: 20 Aug 2018 13:11

Instrument :
MSVOA_W
ClientSampled :
VW0820SBS01

Tot Ion	Ratio	Lower	Upper
106	100		
91	208.5	107.3	321.8

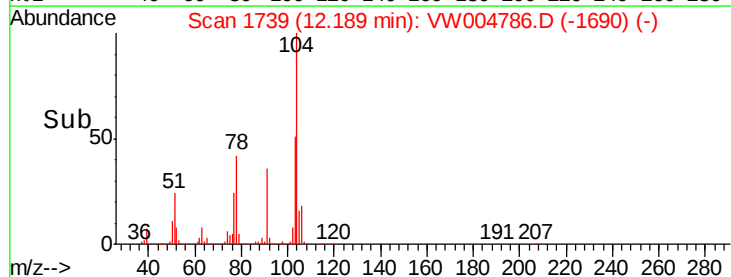
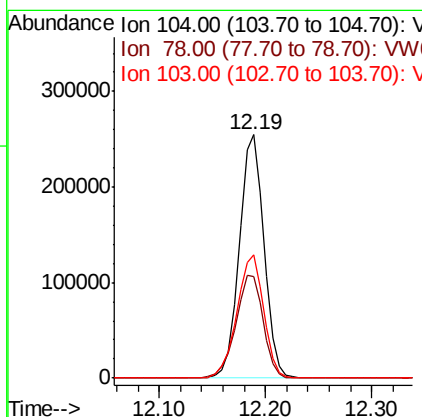
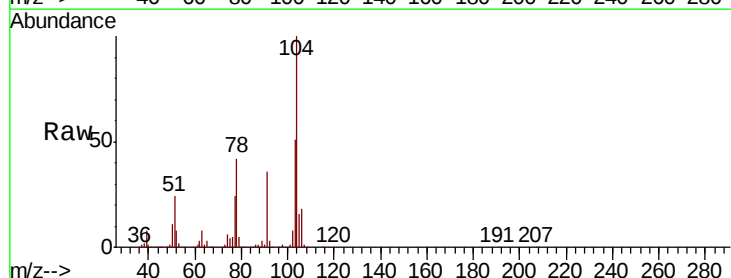
Manual Integrations
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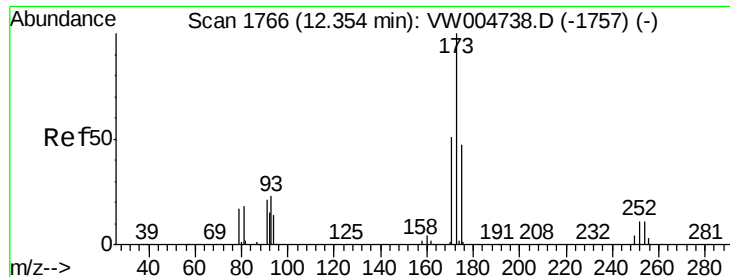
apatel
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#70
Styrene
Concen: 21.64 ug/l
RT: 12.19 min Scan# 1739
Delta R.T. -0.00 min
Lab File: VW004786.D
Acq: 20 Aug 2018 13:11

Tgt Ion	Ratio	Lower	Upper
104	100		
78	47.2	38.4	57.6
103	55.0	44.1	66.1





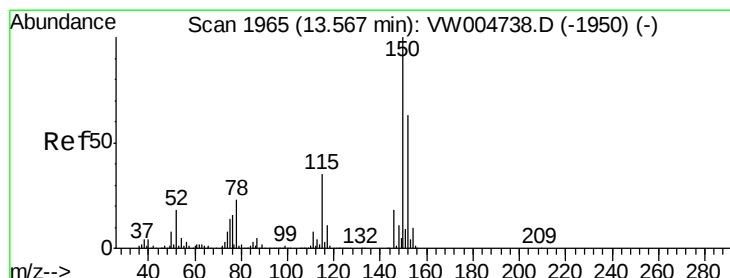
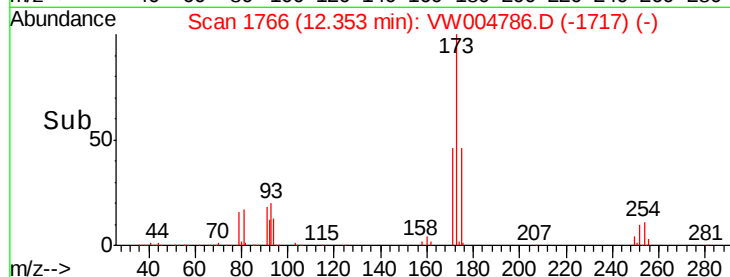
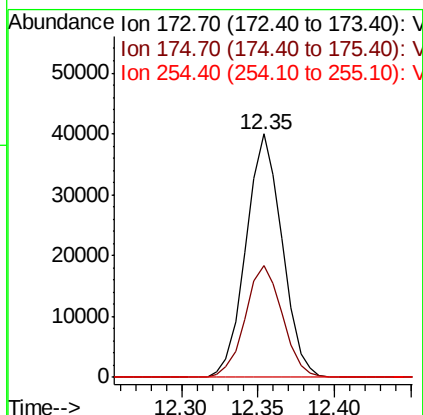
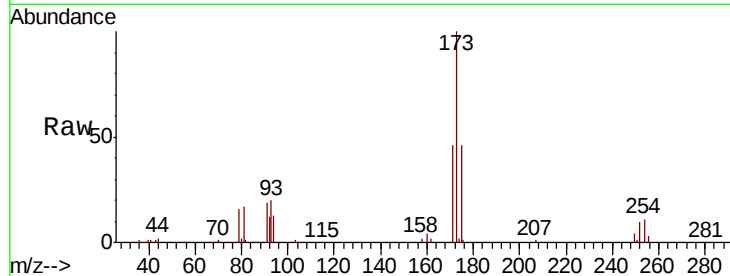
#71
Bromoform
Concen: 19.72 ug/l
RT: 12.35 min Scan# 1766
Delta R.T. -0.00 min
Lab File: VW004786.D
Acq: 20 Aug 2018 13:11

Instrument :
MSVOA_W
ClientSampleId :
VW0820SBS01

Tot Ion	Ratio	Lower	Upper
173	100		
175	47.1	23.8	71.4
254	0.2	0.1	0.1#

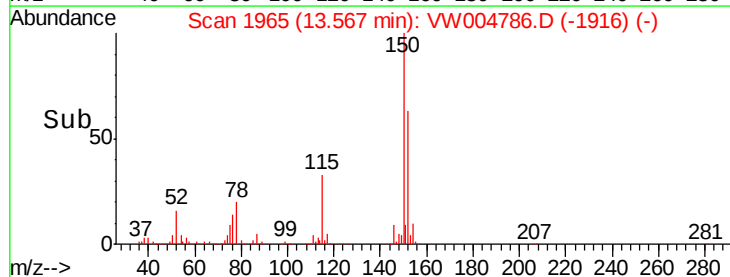
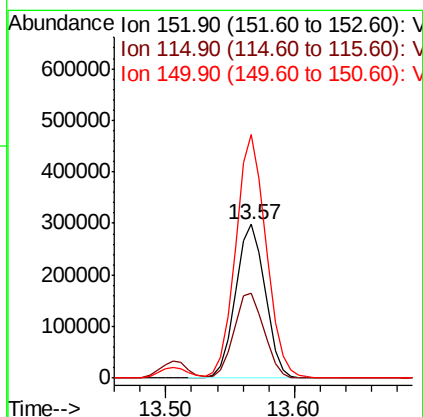
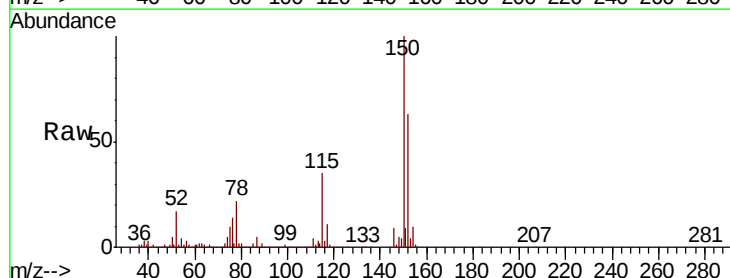
Manual Integrations
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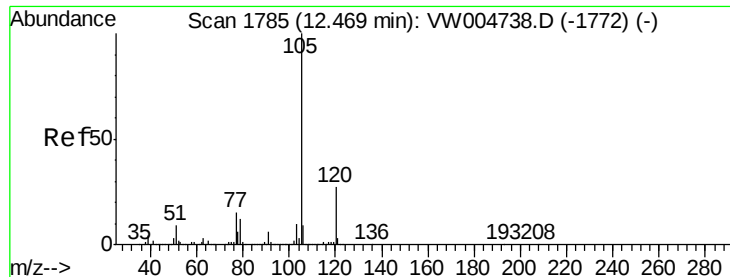
apatel
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#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.57 min Scan# 1965
Delta R.T. -0.00 min
Lab File: VW004786.D
Acq: 20 Aug 2018 13:11

Tgt Ion	Ratio	Lower	Upper
152	100		
115	56.4	28.5	85.5
150	162.9	0.0	344.8





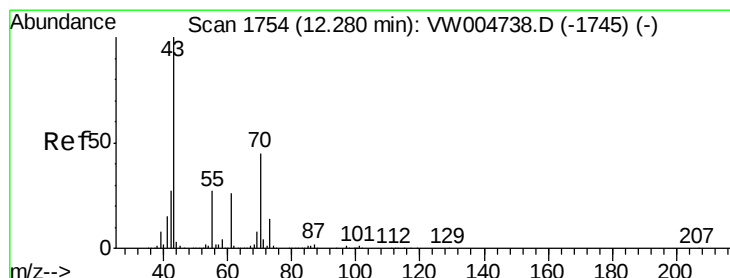
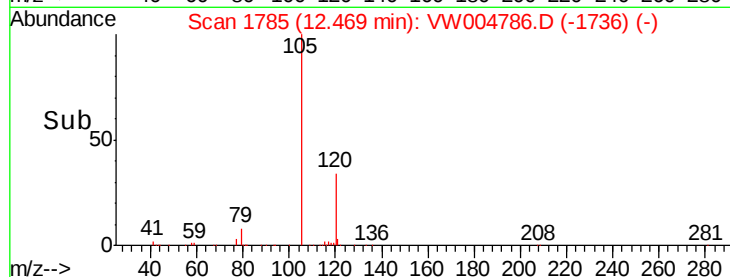
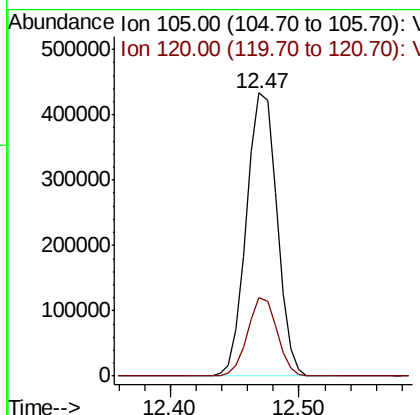
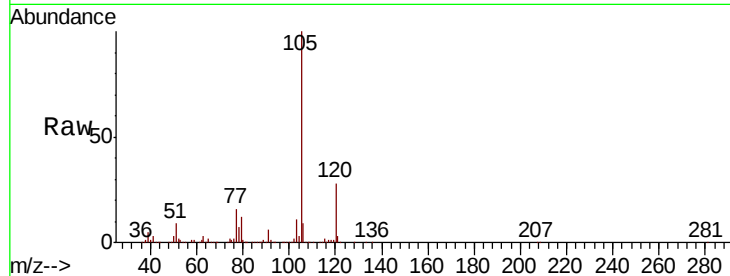
#73
Isopropylbenzene
Concen: 21.98 ug/l
RT: 12.47 min Scan# 1785
Delta R.T. -0.00 min
Lab File: VW004786.D
Acq: 20 Aug 2018 13:11

Instrument :
MSVOA_W
ClientSampleId :
VW0820SBS01

Tot Ion	Ratio	Lower	Upper
105	100		
120	26.6	13.3	39.9

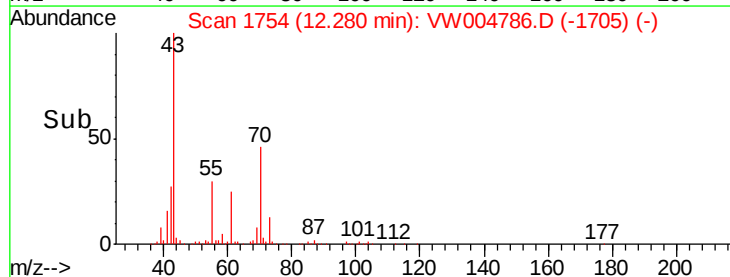
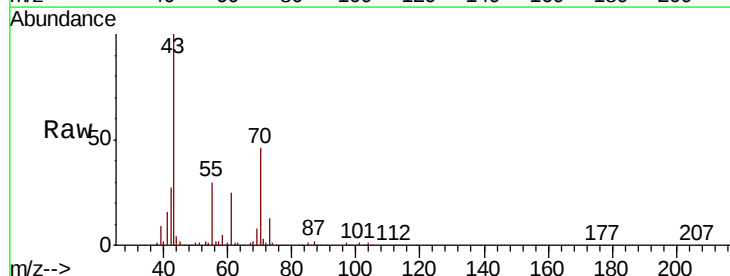
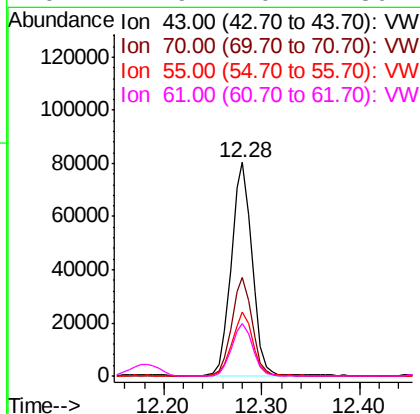
Manual Integrations
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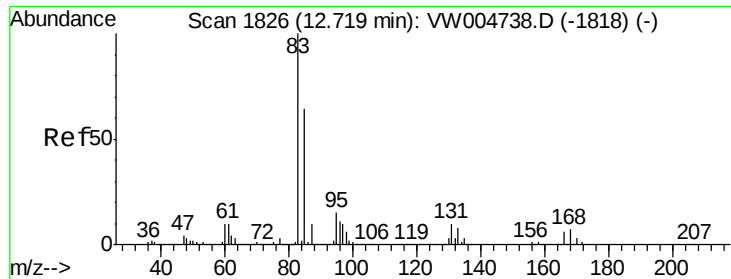
apatel
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#74
N-ethyl acetate
Concen: 18.39 ug/l
RT: 12.28 min Scan# 1754
Delta R.T. 0.00 min
Lab File: VW004786.D
Acq: 20 Aug 2018 13:11

Tgt Ion	Ratio	Lower	Upper
43	100		
70	45.5	36.3	54.5
55	30.3	22.6	33.8
61	24.9	20.2	30.4





#75

1,1,2,2-Tetrachloroethane

Concen: 18.84 ug/l

RT: 12.72 min Scan# 1826

Delta R.T. -0.00 min

Lab File: VW004786.D

Acq: 20 Aug 2018 13:11

Instrument :

MSVOA_W

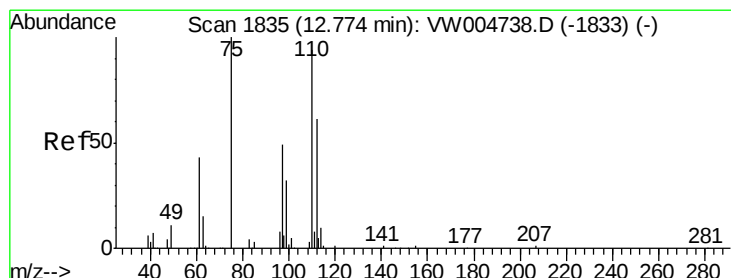
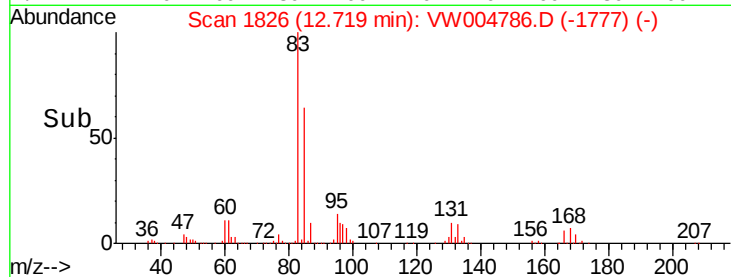
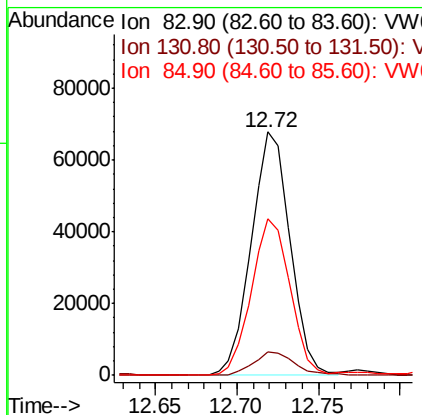
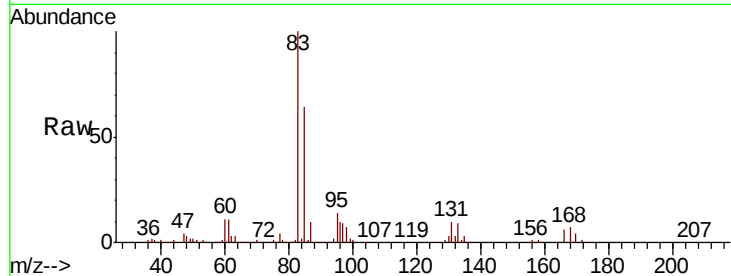
ClientSampled :

VW0820SBS01

Tot Ion:	83	Resp:	112501
Ion Ratio	Lower	Upper	
83	100		
131	10.2	5.3	15.8
85	64.2	31.9	95.9

Manual Integrations
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#76

1,2,3-Trichloropropane

Concen: 18.51 ug/l m

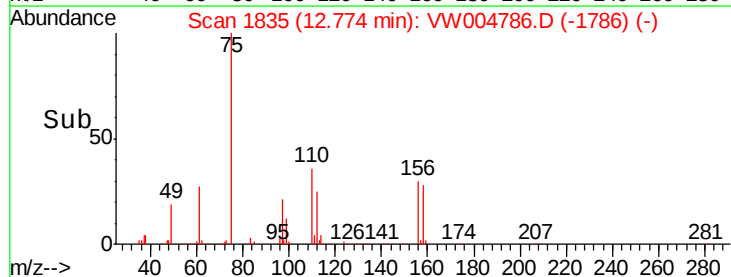
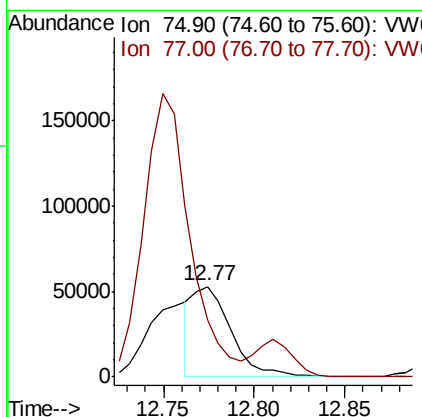
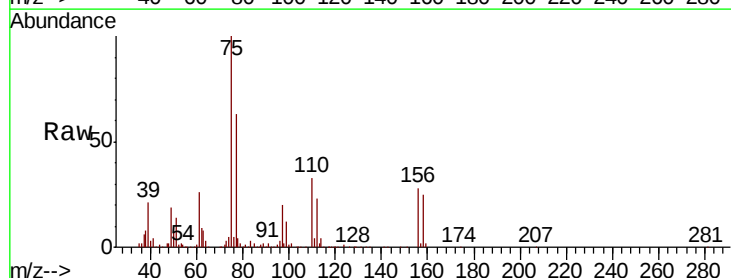
RT: 12.77 min Scan# 1835

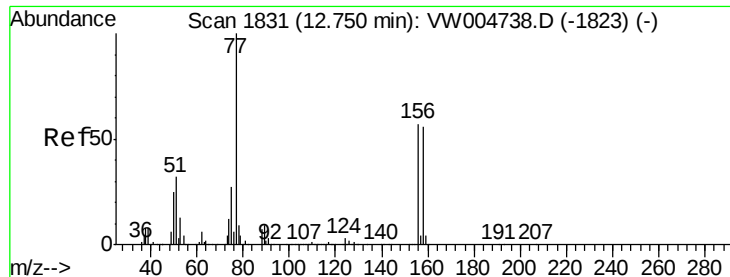
Delta R.T. -0.00 min

Lab File: VW004786.D

Acq: 20 Aug 2018 13:11

Tgt Ion:	75	Resp:	77329
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





#77

Bromobenzene

Concen: 20.87 ug/l

RT: 12.75 min Scan# 1831

Delta R.T. -0.00 min

Lab File: VW004786.D

Acq: 20 Aug 2018 13:11

Instrument :

MSVOA_W

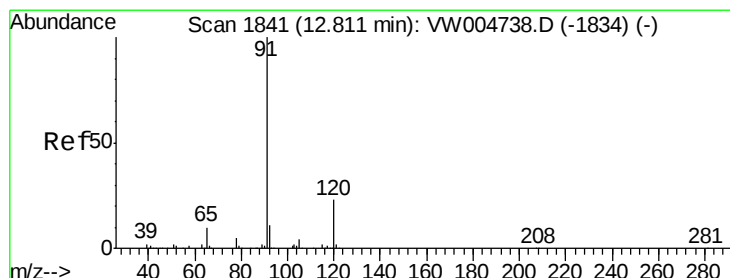
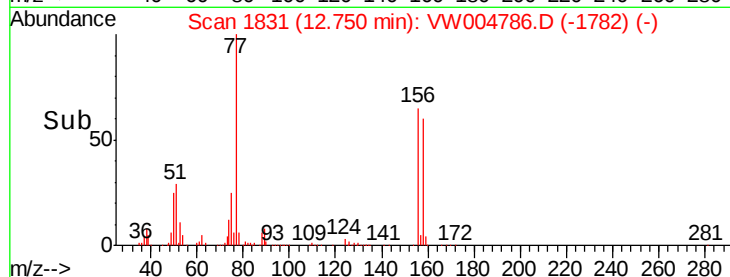
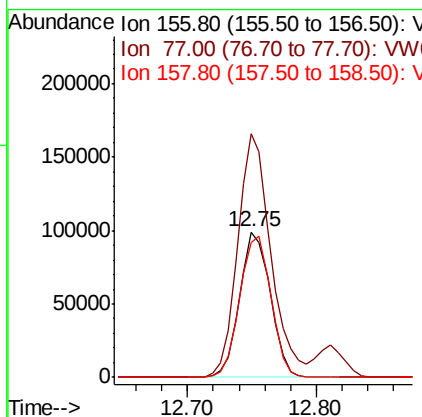
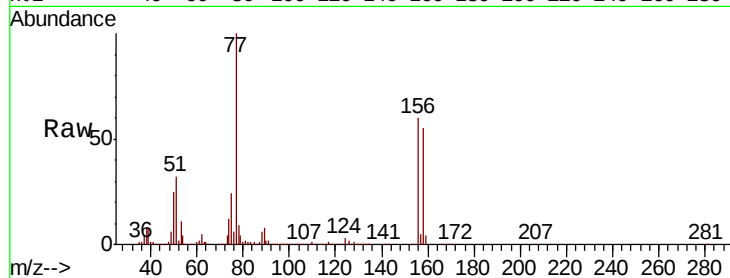
ClientSampled :

VW0820SBS01

Tot Ion:	156	Resp:	162853
Ion Ratio	Lower	Upper	
156	100		
77	181.1	94.2	282.4
158	98.9	48.6	145.9

Manual Integrations
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#78

n-propylbenzene

Concen: 22.18 ug/l

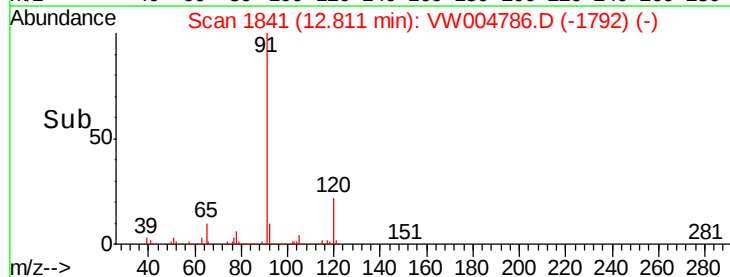
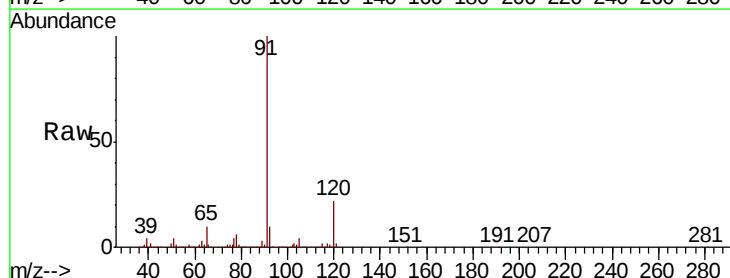
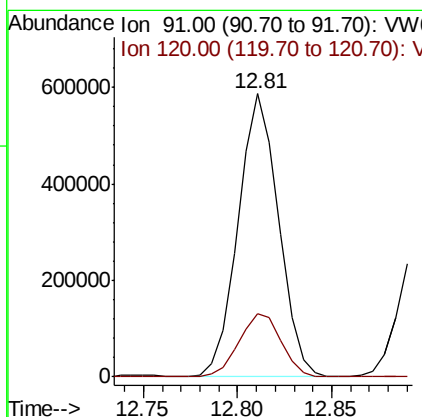
RT: 12.81 min Scan# 1841

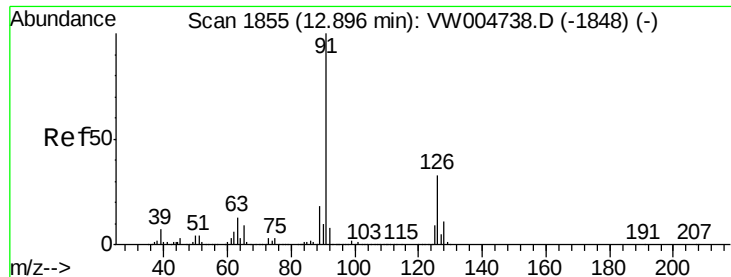
Delta R.T. -0.00 min

Lab File: VW004786.D

Acq: 20 Aug 2018 13:11

Tgt Ion:	91	Resp:	872784
Ion Ratio	Lower	Upper	
91	100		
120	23.2	11.4	34.2





#79

2-Chlorotoluene

Concen: 21.75 ug/l

RT: 12.90 min Scan# 1855

Delta R.T. -0.00 min

Lab File: VW004786.D

Acq: 20 Aug 2018 13:11

Instrument :

MSVOA_W

ClientSampleId :

VW0820SBS01

Tot Ion: 91 Resp: 493309

Ion Ratio Lower Upper

91 100

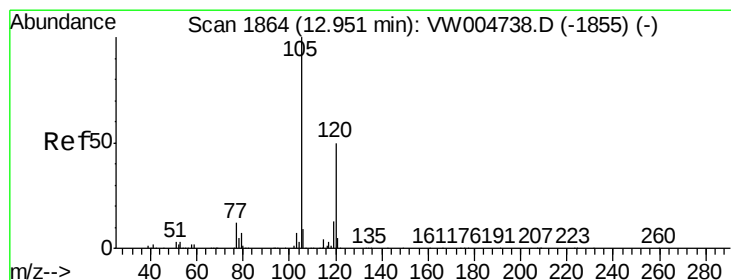
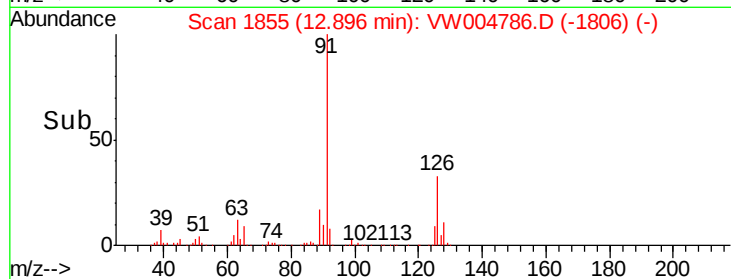
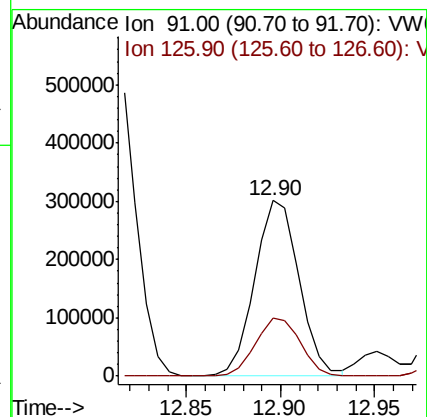
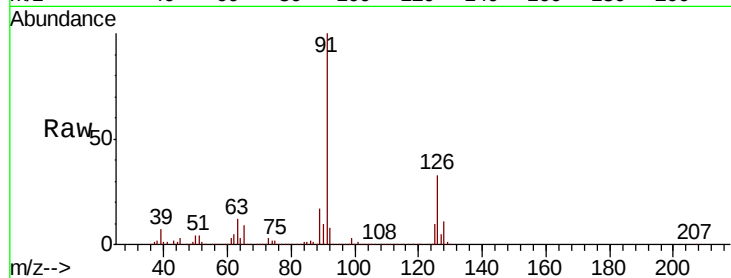
126 33.6 17.0 51.0

Manual Integrations

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#80

1,3,5-Trimethylbenzene

Concen: 22.41 ug/l

RT: 12.95 min Scan# 1864

Delta R.T. -0.00 min

Lab File: VW004786.D

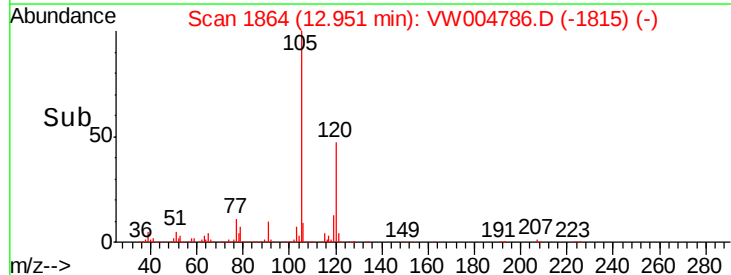
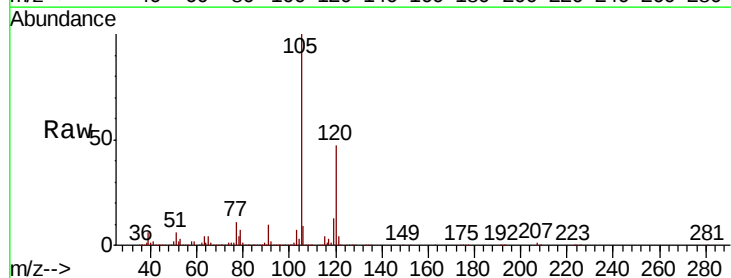
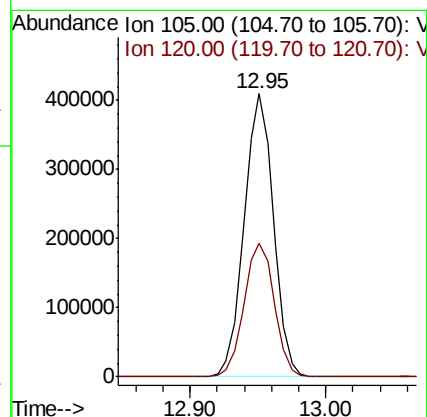
Acq: 20 Aug 2018 13:11

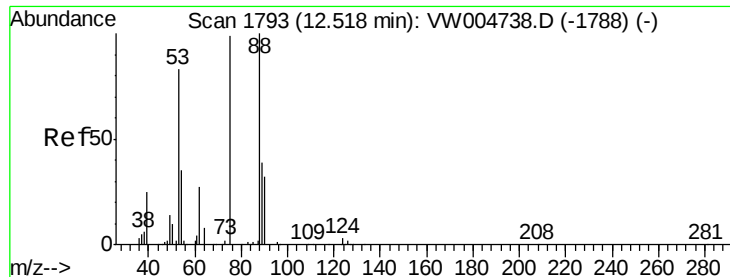
Tgt Ion:105 Resp: 613851

Ion Ratio Lower Upper

105 100

120 48.8 24.7 74.1





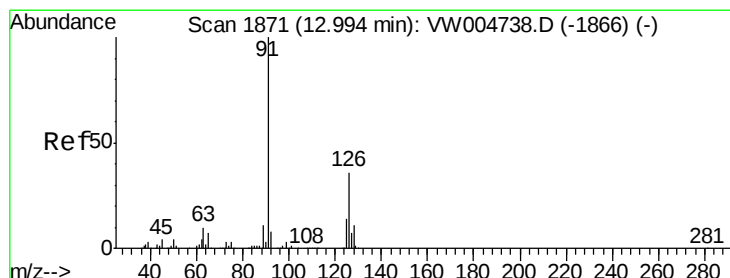
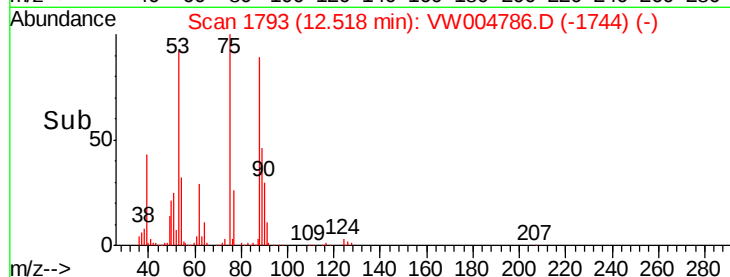
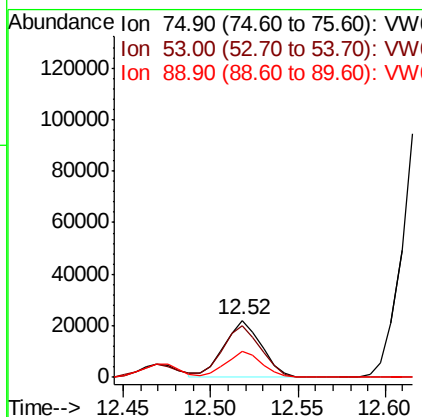
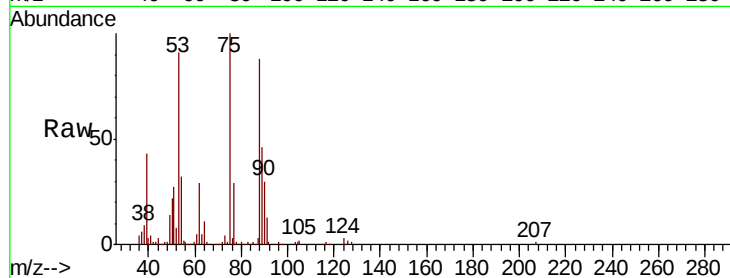
#81
trans-1,4-Dichloro-2-butene
Concen: 18.32 ug/l
RT: 12.52 min Scan# 1793
Delta R.T. -0.00 min
Lab File: VW004786.D
Acq: 20 Aug 2018 13:11

Instrument :
MSVOA_W
ClientSampleId :
VW0820SBS01

Tot Ion	Ratio	Lower	Upper
75	100		
53	92.9	72.2	108.4
89	43.2	35.2	52.8

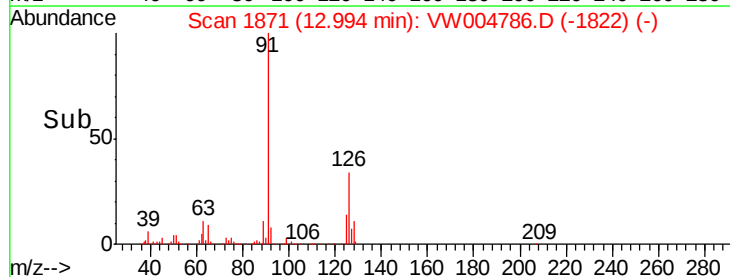
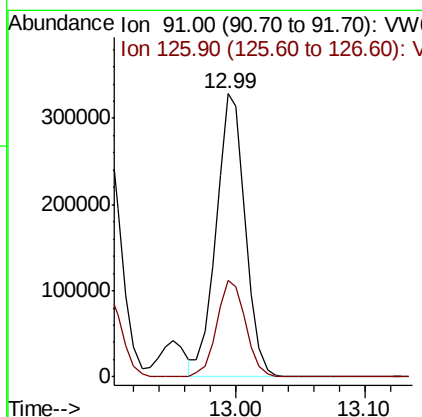
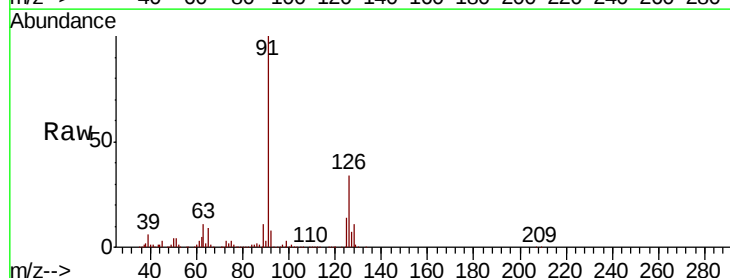
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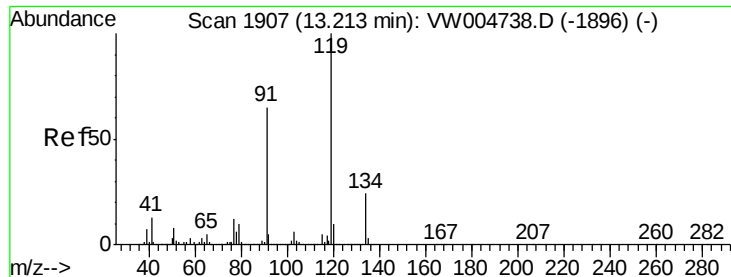
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#82
4-Chlorotoluene
Concen: 21.57 ug/l
RT: 12.99 min Scan# 1871
Delta R.T. -0.00 min
Lab File: VW004786.D
Acq: 20 Aug 2018 13:11

Tgt Ion	Ratio	Lower	Upper
91	100		
126	34.0	16.9	50.7





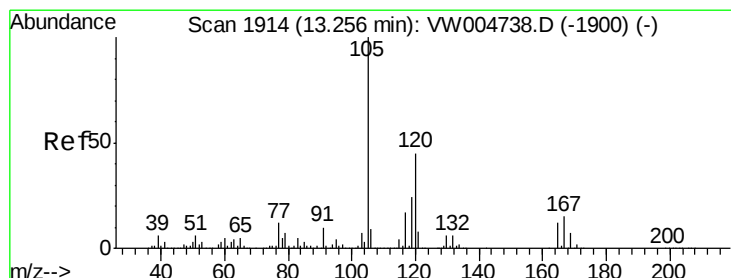
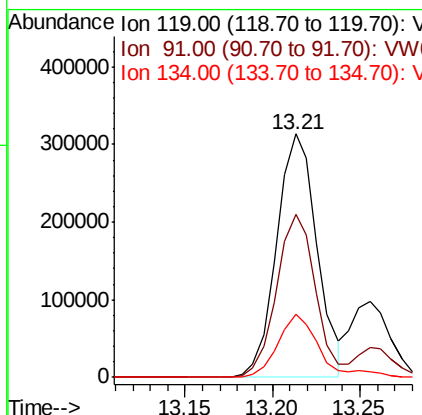
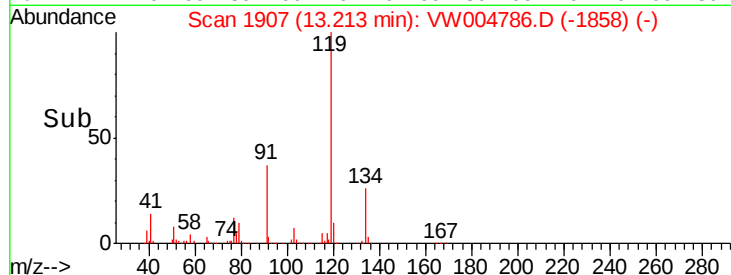
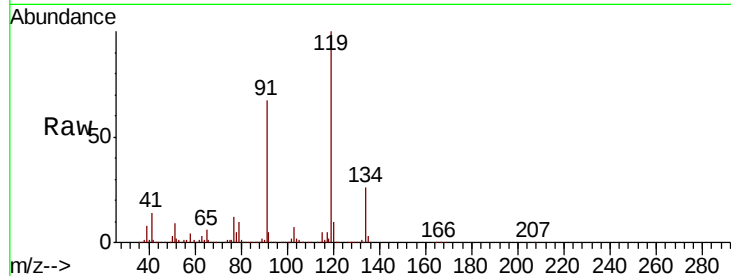
#83
tert-Butylbenzene
Concen: 21.55 ug/l
RT: 13.21 min Scan# 1907
Delta R.T. -0.00 min
Lab File: VW004786.D
Acq: 20 Aug 2018 13:11

Instrument :
MSVOA_W
ClientSampleId :
VW0820SBS01

Tot Ion	Ratio	Resp	Lower	Upper
119	100	504912		
91	65.6	32.6	97.8	
134	26.8	13.1	39.3	

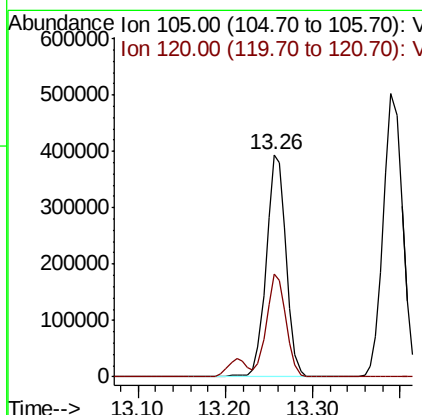
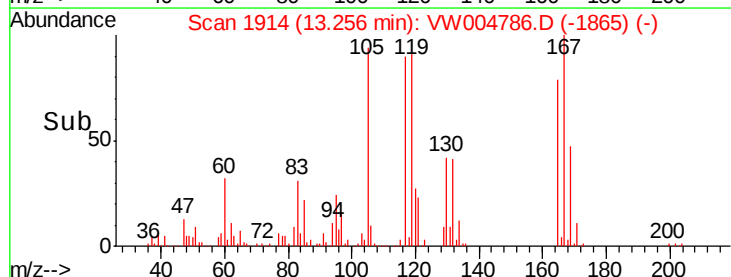
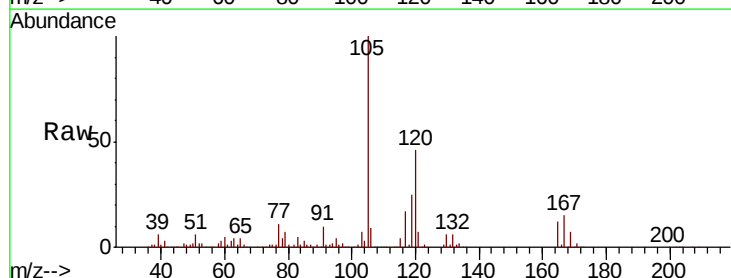
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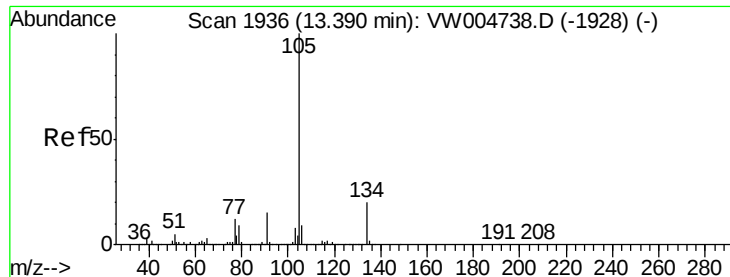
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#84
1,2,4-Trimethylbenzene
Concen: 22.32 ug/l
RT: 13.26 min Scan# 1914
Delta R.T. -0.00 min
Lab File: VW004786.D
Acq: 20 Aug 2018 13:11

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	628923		
120	45.3	22.8	68.3	





#85

sec-Butylbenzene

Concen: 21.92 ug/l

RT: 13.39 min Scan# 1936

Delta R.T. -0.00 min

Lab File: VW004786.D

Acq: 20 Aug 2018 13:11

Instrument :

MSVOA_W

ClientSampleId :

VW0820SBS01

Tot Ion:105 Resp: 766822

Ion Ratio Lower Upper

105 100

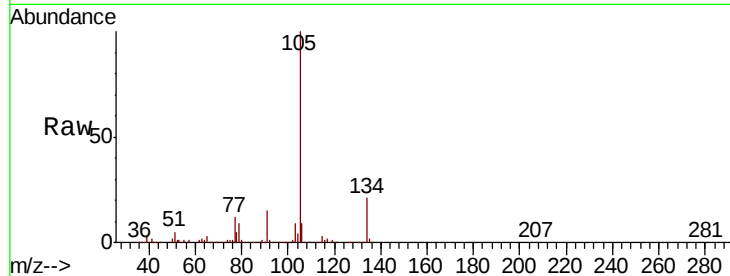
134 20.4 10.0 29.8

Manual Integrations

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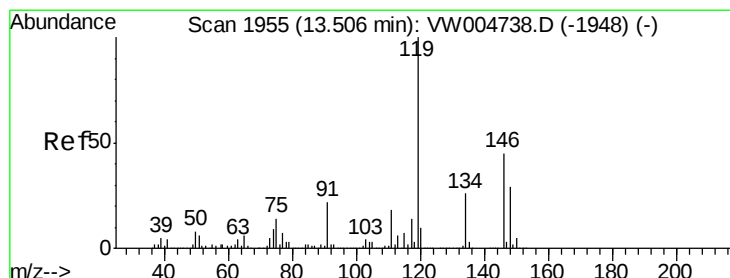
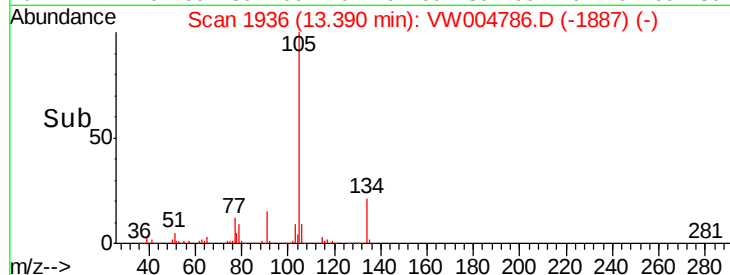
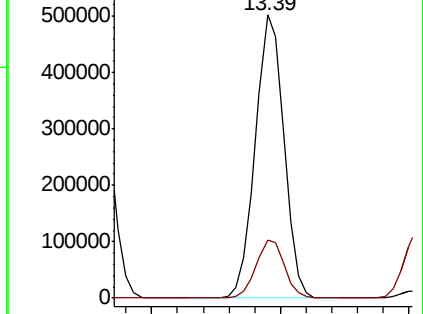
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 22.30 ug/l

RT: 13.51 min Scan# 1955

Delta R.T. -0.00 min

Lab File: VW004786.D

Acq: 20 Aug 2018 13:11

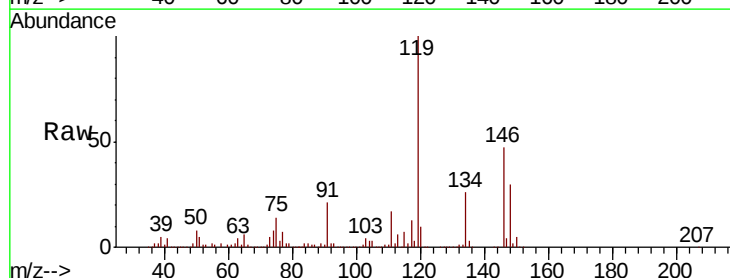
Tgt Ion:119 Resp: 678709

Ion Ratio Lower Upper

119 100

134 26.2 13.1 39.3

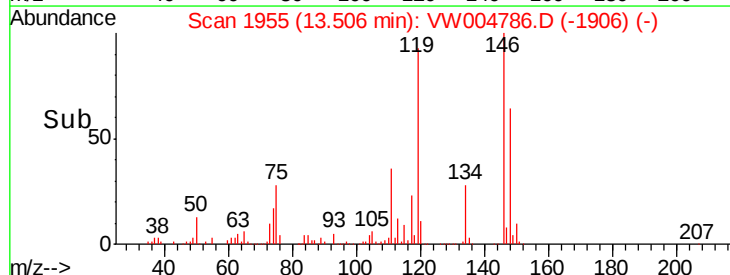
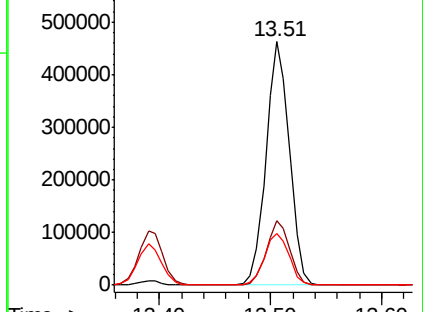
91 22.1 11.2 33.5

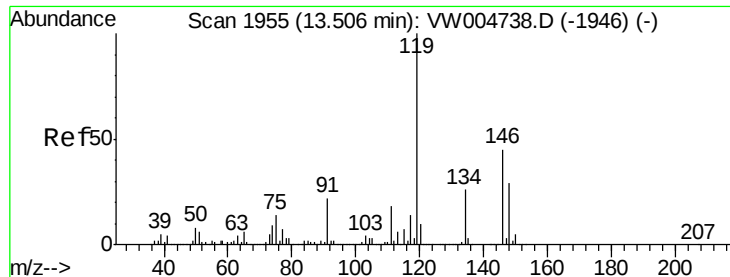


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V





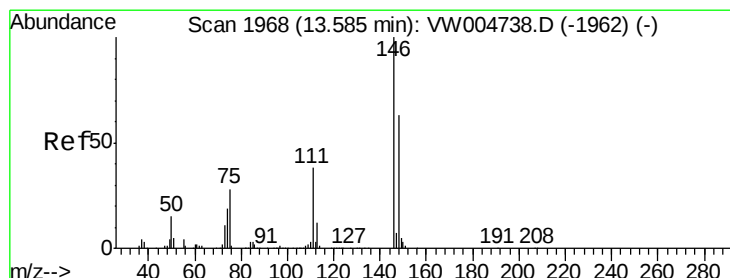
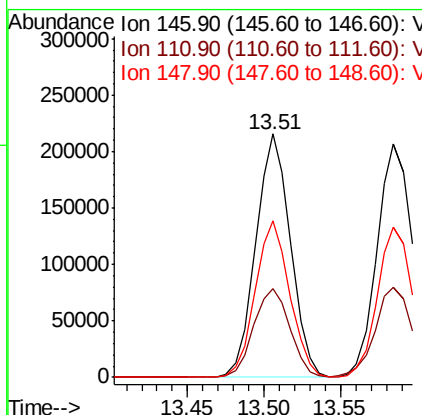
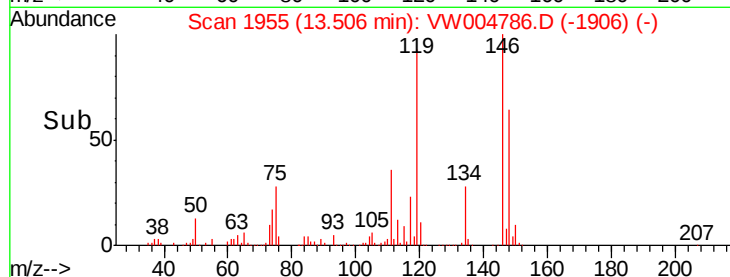
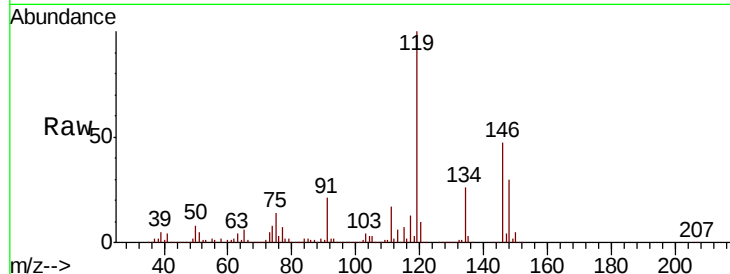
#87
 1,3-Dichlorobenzene
 Concen: 21.43 ug/l
 RT: 13.51 min Scan# 1955
 Delta R.T. -0.00 min
 Lab File: VW004786.D
 Acq: 20 Aug 2018 13:11

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0820SBS01

Tot Ion	Ratio	Resp	Lower	Upper
146	100	340194		
111	38.2	19.8	59.4	
148	64.1	31.9	95.9	

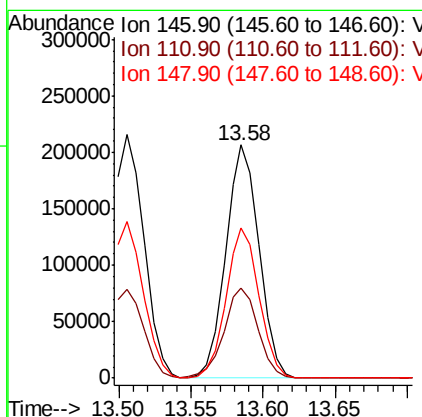
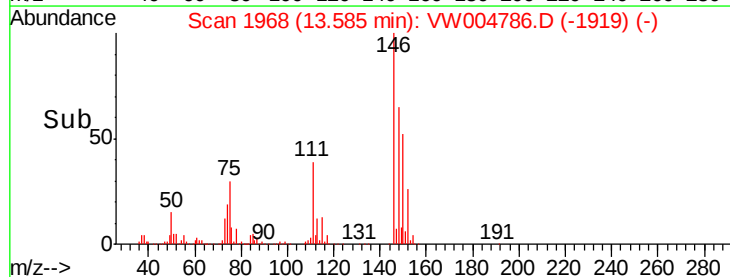
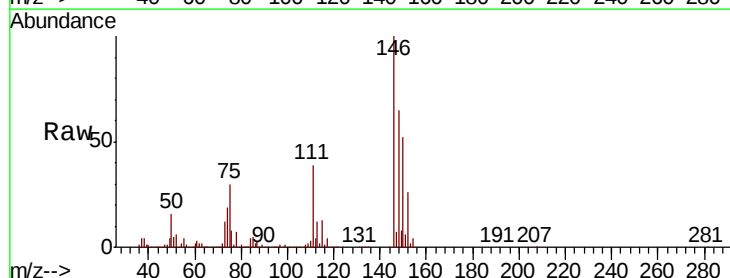
Manual Integrations
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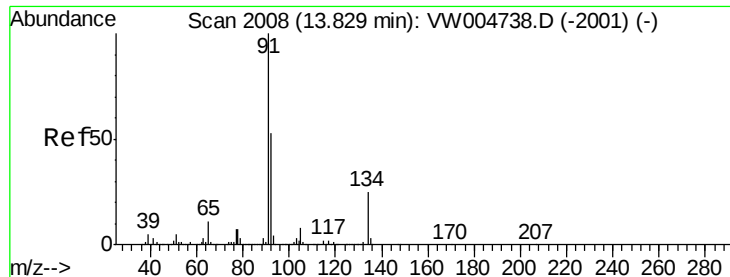
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#88
 1,4-Dichlorobenzene
 Concen: 20.95 ug/l
 RT: 13.58 min Scan# 1968
 Delta R.T. -0.00 min
 Lab File: VW004786.D
 Acq: 20 Aug 2018 13:11

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	332376		
111	39.9	19.3	57.8	
148	64.0	31.8	95.3	





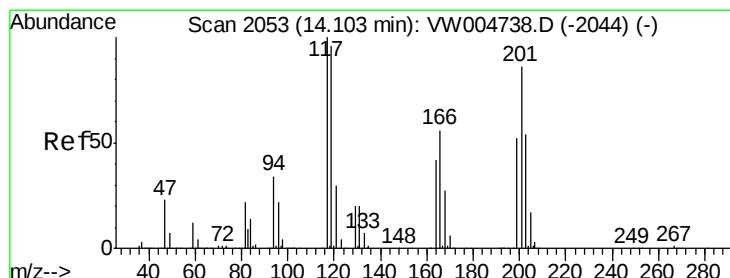
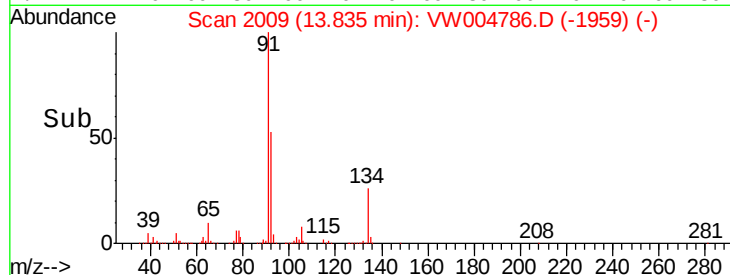
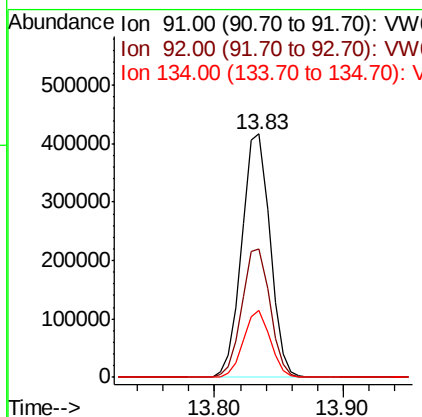
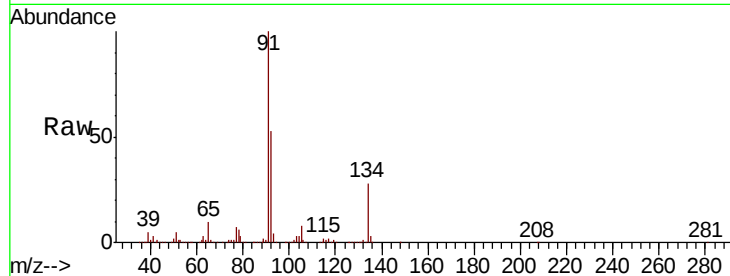
#89
n-Butylbenzene
Concen: 21.40 ug/l
RT: 13.83 min Scan# 2009
Delta R.T. 0.01 min
Lab File: VW004786.D
Acq: 20 Aug 2018 13:11

Instrument :
MSVOA_W
ClientSampled :
VW0820SBS01

Tot Ion	Ratio	Lower	Upper
91	100		
92	52.6	26.4	79.2
134	26.0	12.8	38.3

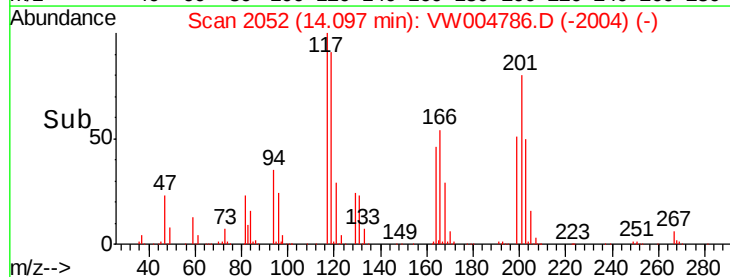
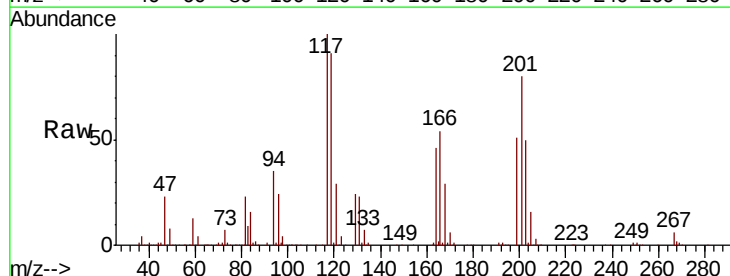
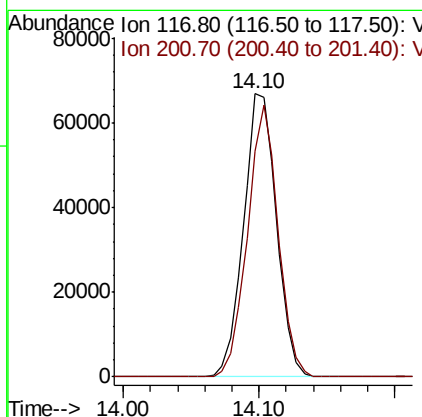
Manual Integrations
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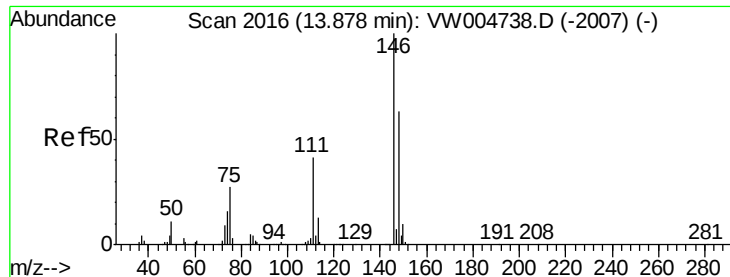
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#90
Hexachloroethane
Concen: 20.46 ug/l
RT: 14.10 min Scan# 2052
Delta R.T. -0.01 min
Lab File: VW004786.D
Acq: 20 Aug 2018 13:11

Tgt Ion	Ratio	Lower	Upper
117	100		
201	89.3	42.4	127.2





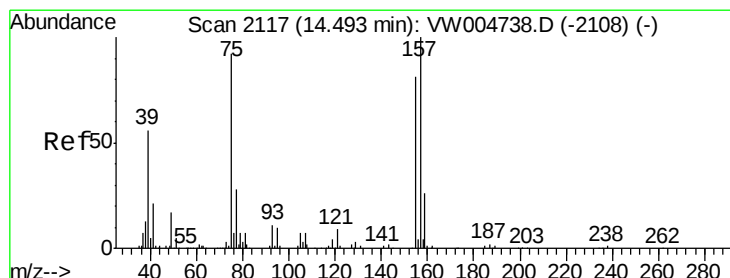
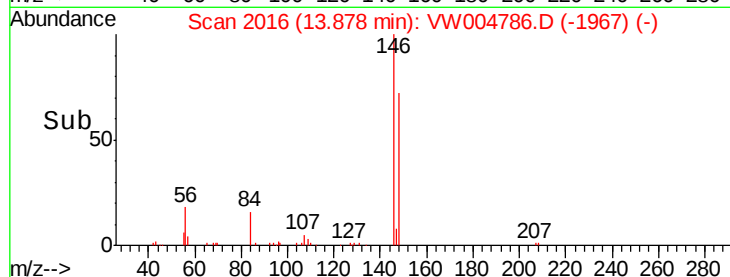
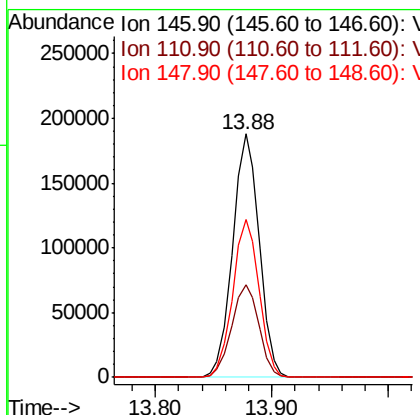
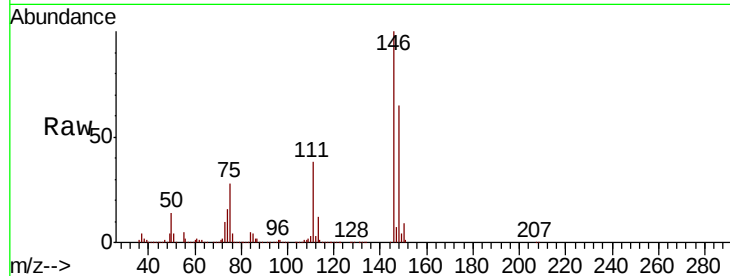
#91
 1,2-Dichlorobenzene
 Concen: 20.90 ug/l
 RT: 13.88 min Scan# 2016
 Delta R.T. -0.00 min
 Lab File: VW004786.D
 Acq: 20 Aug 2018 13:11

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0820SBS01

Tot Ion	Ratio	Resp	Lower	Upper
146	100	298024		
111	39.2	20.4	61.3	
148	64.4	31.6	95.0	

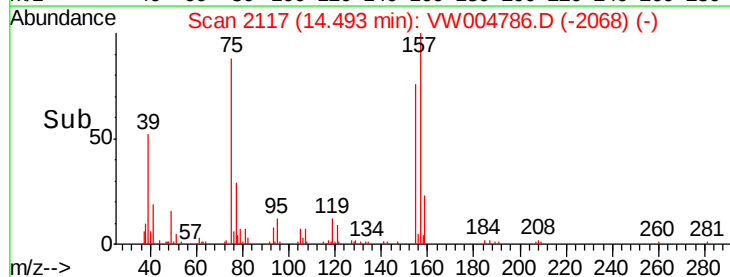
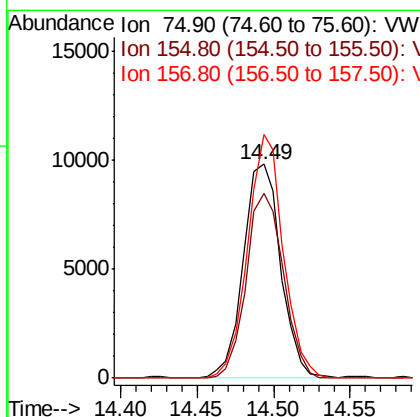
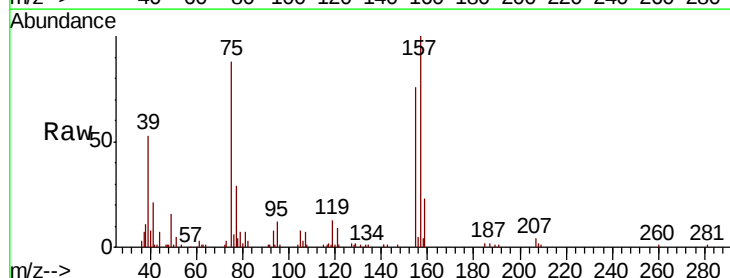
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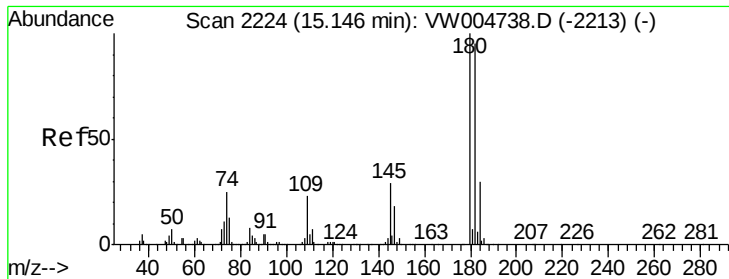
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 17.95 ug/l
 RT: 14.49 min Scan# 2117
 Delta R.T. -0.00 min
 Lab File: VW004786.D
 Acq: 20 Aug 2018 13:11

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	16755		
155	85.7	43.3	129.9	
157	107.9	54.5	163.6	





#93

1,2,4-Trichlorobenzene

Concen: 20.80 ug/l

RT: 15.15 min Scan# 2224

Delta R.T. -0.00 min

Lab File: VW004786.D

Acq: 20 Aug 2018 13:11

Instrument :

MSVOA_W

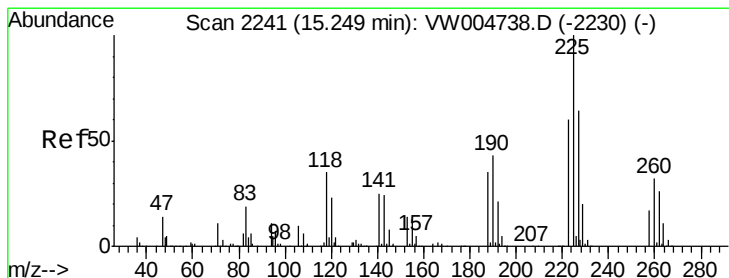
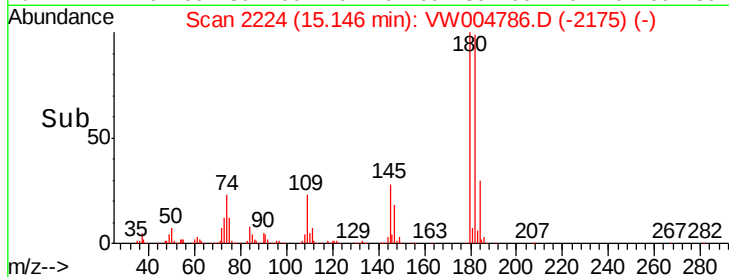
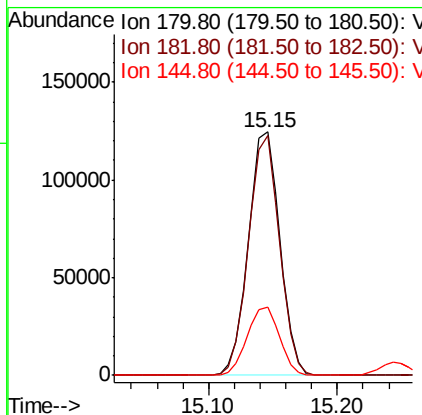
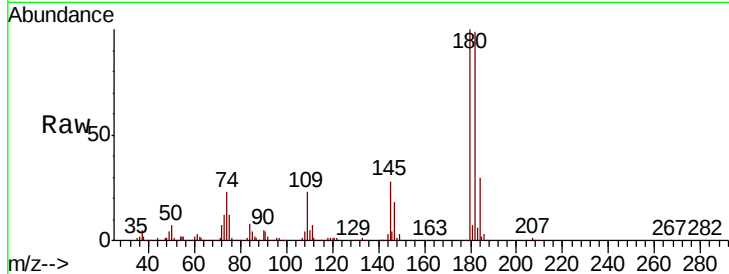
ClientSampleId :

VW0820SBS01

Tot Ion:	180	Resp:	209787
Ion Ratio	Lower	Upper	
180	100		
182	96.6	47.3	141.8
145	28.8	14.6	43.8

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#94

Hexachlorobutadiene

Concen: 22.03 ug/l

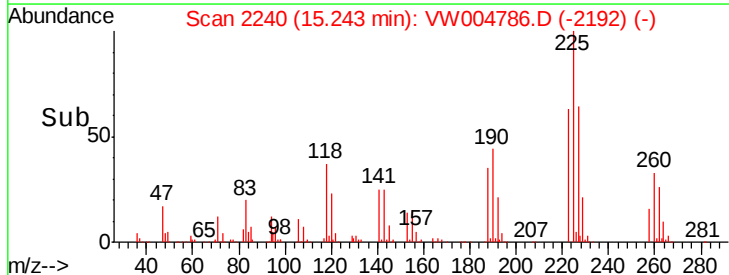
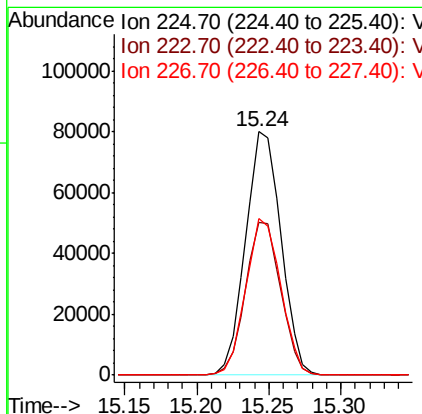
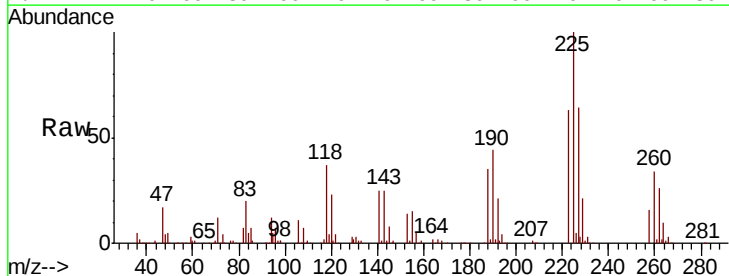
RT: 15.24 min Scan# 2240

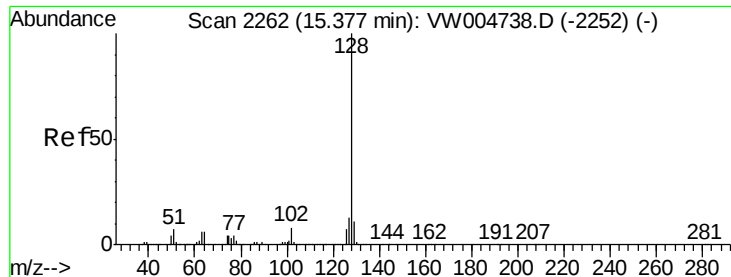
Delta R.T. -0.01 min

Lab File: VW004786.D

Acq: 20 Aug 2018 13:11

Tgt Ion:	225	Resp:	136333
Ion Ratio	Lower	Upper	
225	100		
223	62.4	30.9	92.5
227	63.3	32.0	96.0





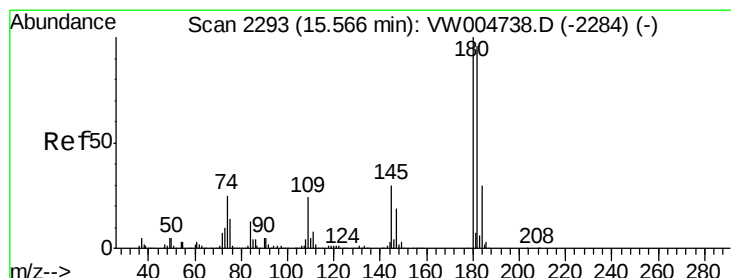
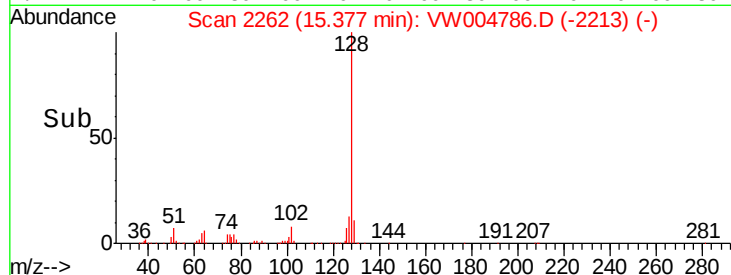
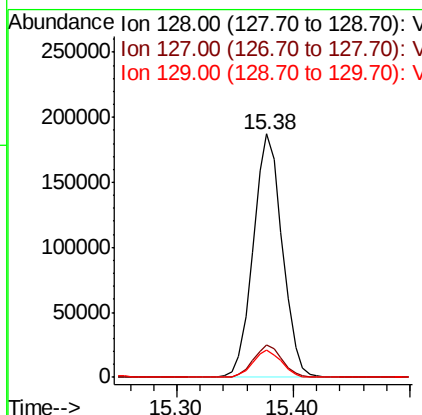
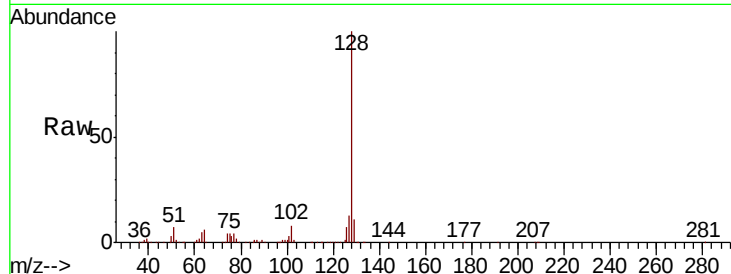
#95
Naphthalene
Concen: 18.93 ug/l
RT: 15.38 min Scan# 2262
Delta R.T. 0.00 min
Lab File: VW004786.D
Acq: 20 Aug 2018 13:11

Instrument :
MSVOA_W
ClientSampleId :
VW0820SBS01

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.2	10.4	15.6
129	11.1	8.6	13.0

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#96
1,2,3-Trichlorobenzene
Concen: 20.39 ug/l
RT: 15.57 min Scan# 2293
Delta R.T. -0.00 min
Lab File: VW004786.D
Acq: 20 Aug 2018 13:11

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.4	47.3	142.0
145	30.7	15.4	46.1

