

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW081918\
 Data File : VW004761.D
 Acq On : 18 Aug 2018 05:39
 Operator : SY/AP
 Sample : VW0819SBS02
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0819SBS02

Manual Integrations
 APPROVED

apatel
 8/20/2018 9:56:45 AM

Quant Time: Aug 18 06:47:10 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	622485	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	984668	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	929714	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	497993	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	307965	51.17	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.34%	
35) Dibromofluoromethane	7.88	113	306974	48.78	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.56%	
50) Toluene-d8	10.33	98	1210123	49.26	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.52%	
62) 4-Bromofluorobenzene	12.62	95	437004	49.45	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.90%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.01	85	78970	19.15	ug/l	100
3) Chloromethane	2.22	50	112585	20.88	ug/l	99
4) Vinyl Chloride	2.37	62	169954	21.42	ug/l	100
5) Bromomethane	2.78	94	110027	22.45	ug/l	98
6) Chloroethane	2.93	64	103227	21.56	ug/l	96
7) Trichlorofluoromethane	3.26	101	72984	19.52	ug/l	97
8) Diethyl Ether	3.68	74	74406	22.01	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	4.06	101	132984	20.66	ug/l	99
10) Methyl Iodide	4.26	142	213389	21.83	ug/l	100
11) Tert butyl alcohol	5.23	59	34746	103.34	ug/l #	72
12) 1,1-Dichloroethene	4.04	96	133134	20.75	ug/l	98
13) Acrolein	3.89	56	46285	102.58	ug/l	96
14) Allyl chloride	4.67	41	201348	20.68	ug/l	99
15) Acrylonitrile	5.38	53	154016	108.65	ug/l	99
16) Acetone	4.14	43	138679	90.27	ug/l	100
17) Carbon Disulfide	4.38	76	446822	21.20	ug/l	99
18) Methyl Acetate	4.67	43	74890	22.75	ug/l	99
19) Methyl tert-butyl Ether	5.43	73	182762	21.95	ug/l	98
20) Methylene Chloride	4.91	84	185054	24.15	ug/l	97
21) trans-1,2-Dichloroethene	5.42	96	143954	21.09	ug/l	96
22) Diisopropyl ether	6.31	45	427775	22.86	ug/l	98
23) Vinyl Acetate	6.26	43	1101493	104.08	ug/l	100
24) 1,1-Dichloroethane	6.21	63	263379	21.66	ug/l	99
25) 2-Butanone	7.18	43	221325	101.11	ug/l	99
26) 2,2-Dichloropropane	7.17	77	131682	18.75	ug/l	99
27) cis-1,2-Dichloroethene	7.17	96	160227	21.81	ug/l	99
28) Bromochloromethane	7.51	49	105412	20.59	ug/l	99
29) Tetrahydrofuran	7.54	42	118491	106.16	ug/l	100
30) Chloroform	7.68	83	259677	21.71	ug/l	98
31) Cyclohexane	7.96	56	236472	20.11	ug/l #	94
32) 1,1,1-Trichloroethane	7.87	97	203547	21.47	ug/l	99
36) 1,1-Dichloropropene	8.09	75	203989	20.11	ug/l	99
37) Ethyl Acetate	7.26	43	83804	20.72	ug/l	98
38) Carbon Tetrachloride	8.07	117	184295	19.74	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	238041	18.76	ug/l	97
40) Benzene	8.32	78	616574	20.92	ug/l	99
41) Methacrylonitrile	7.49	41	50775	22.13	ug/l	98
42) 1,2-Dichloroethane	8.40	62	159777	21.14	ug/l	100
43) Isopropyl Acetate	8.43	43	149079	20.53	ug/l	100
44) Trichloroethene	9.09	130	150206	20.07	ug/l	99
45) 1,2-Dichloropropane	9.37	63	151499	21.01	ug/l	98
46) Dibromomethane	9.46	93	73754	20.65	ug/l	99
47) Bromodichloromethane	9.65	83	175673	20.59	ug/l	99
48) Methyl methacrylate	9.44	41	68926	20.22	ug/l	98
49) 1,4-Dioxane	9.48	88	22381	428.81	ug/l #	85
51) 4-Methyl-2-Pentanone	10.21	43	510189	103.93	ug/l	99
52) Toluene	10.39	92	370412	20.95	ug/l	99
53) t-1,3-Dichloropropene	10.61	75	168646	19.62	ug/l	99
54) cis-1,3-Dichloropropene	10.07	75	202061	19.72	ug/l	98
55) 1,1,2-Trichloroethane	10.79	97	106178	20.91	ug/l	98
56) Ethyl methacrylate	10.65	69	121345	20.18	ug/l	99
57) 1,3-Dichloropropane	10.94	76	182862	20.86	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.93	63	299049	106.63	ug/l	99
59) 2-Hexanone	10.98	43	334510	100.57	ug/l	100
60) Dibromochloromethane	11.13	129	118720	20.84	ug/l	100
61) 1,2-Dibromoethane	11.24	107	100035	20.61	ug/l	100
64) Tetrachloroethene	10.87	164	137369	21.62	ug/l	99
65) Chlorobenzene	11.66	112	411333	20.56	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.74	131	137434	20.34	ug/l	99
67) Ethyl Benzene	11.74	91	688286	20.29	ug/l	100
68) m/p-Xylenes	11.85	106	543209	41.16	ug/l	99
69) o-Xylene	12.17	106	250474	20.50	ug/l	99
70) Styrene	12.19	104	429552	20.93	ug/l	100
71) Bromoform	12.35	173	71383	20.02	ug/l #	99
73) Isopropylbenzene	12.47	105	685840	20.24	ug/l	99
74) N-amyl acetate	12.28	43	141078	20.37	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.72	83	130681	20.82	ug/l	100
76) 1,2,3-Trichloropropane	12.77	75	84892m	19.34	ug/l	
77) Bromobenzene	12.75	156	169851	20.71	ug/l	98
78) n-propylbenzene	12.81	91	843132	20.39	ug/l	100
79) 2-Chlorotoluene	12.90	91	493938	20.73	ug/l	100
80) 1,3,5-Trimethylbenzene	12.95	105	602306	20.93	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.52	75	33173	17.56	ug/l	95
82) 4-Chlorotoluene	12.99	91	524324	20.71	ug/l	100
83) tert-Butylbenzene	13.21	119	492207	19.99	ug/l	99
84) 1,2,4-Trimethylbenzene	13.26	105	622205	21.01	ug/l	100
85) sec-Butylbenzene	13.39	105	738955	20.10	ug/l	100
86) p-Isopropyltoluene	13.51	119	645869	20.20	ug/l	100
87) 1,3-Dichlorobenzene	13.51	146	342241	20.52	ug/l	99
88) 1,4-Dichlorobenzene	13.59	146	344531	20.66	ug/l	99
89) n-Butylbenzene	13.84	91	597045	19.31	ug/l	99
90) Hexachloroethane	14.10	117	115158	19.75	ug/l	99
91) 1,2-Dichlorobenzene	13.88	146	310348	20.71	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.49	75	20706	21.11	ug/l	95

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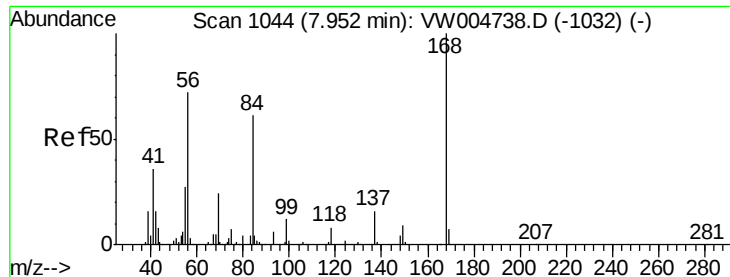
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.15	180	210063	19.82	ug/l	99
94) Hexachlorobutadiene	15.24	225	124197	19.10	ug/l	99
95) Naphthalene	15.38	128	360443	19.83	ug/l	100
96) 1,2,3-Trichlorobenzene	15.57	180	190862	20.31	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

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VW0819SBS02

Tot Ion:168 Resp: 622485

Ion Ratio Lower Upper

168 100

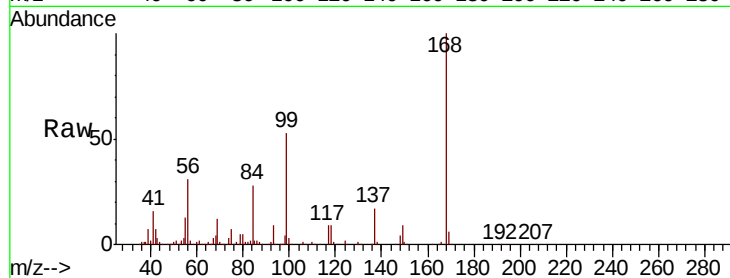
99 52.5 41.0 61.4

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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

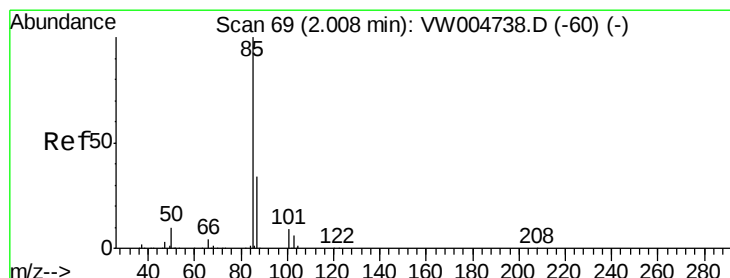
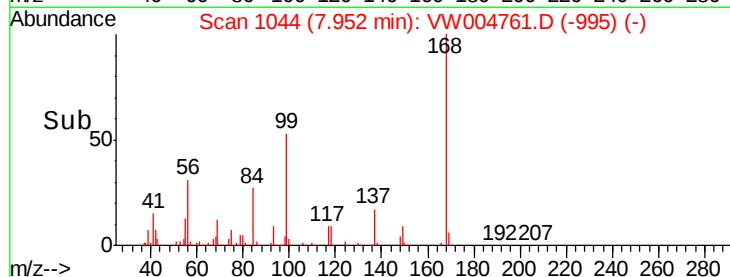
300000

200000

100000

0

Time--> 7.80 7.90 8.00



#2

Dichlorodifluoromethane

Concen: 19.15 ug/l

RT: 2.01 min Scan# 69

Delta R.T. 0.00 min

Lab File: VW004761.D

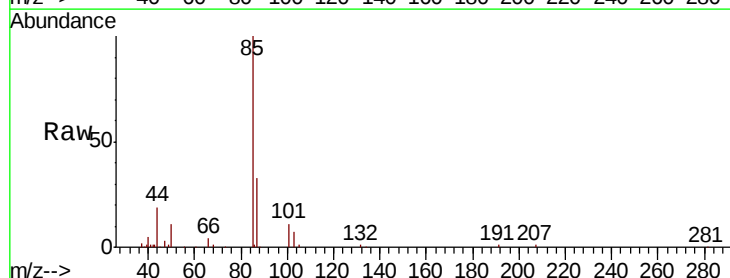
Acq: 18 Aug 2018 05:39

Tgt Ion: 85 Resp: 78970

Ion Ratio Lower Upper

85 100

87 33.5 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

25000

20000

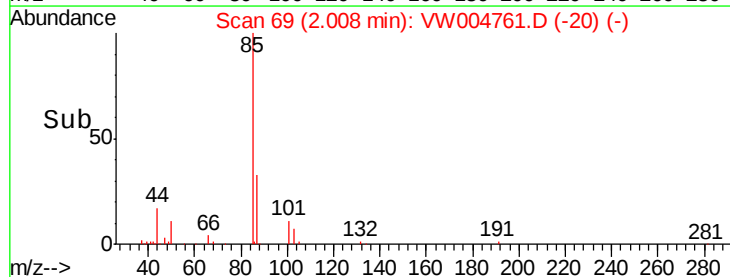
15000

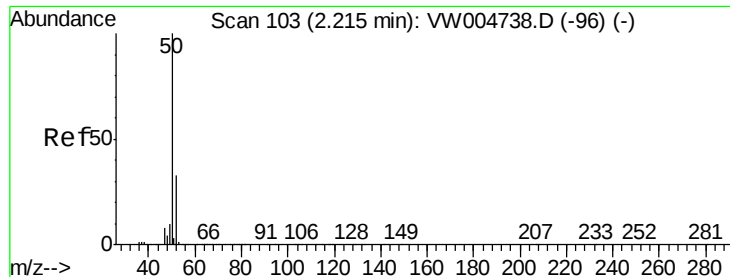
10000

5000

0

Time--> 1.90 2.00 2.10 2.20





#3

Chloromethane

Concen: 20.88 ug/l

RT: 2.22 min Scan# 103

Delta R.T. 0.00 min

Lab File: VW004761.D

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Instrument :

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ClientSampleId :

VW0819SBS02

Tot Ion: 50 Resp: 112585

Ion Ratio Lower Upper

50 100

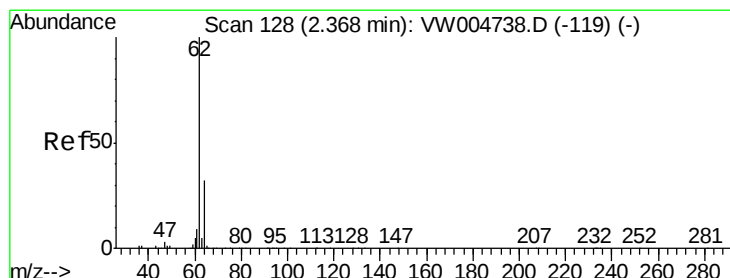
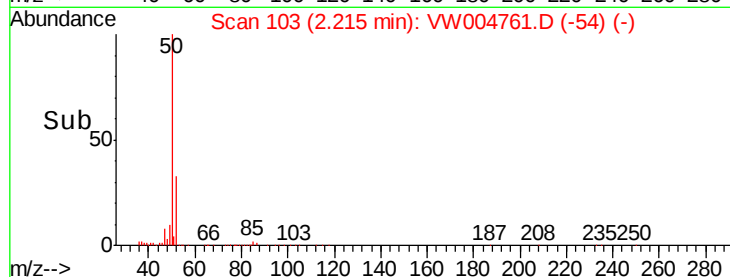
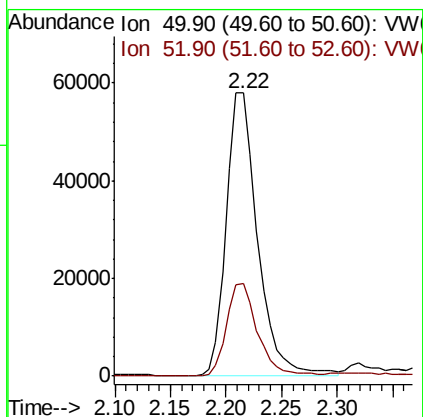
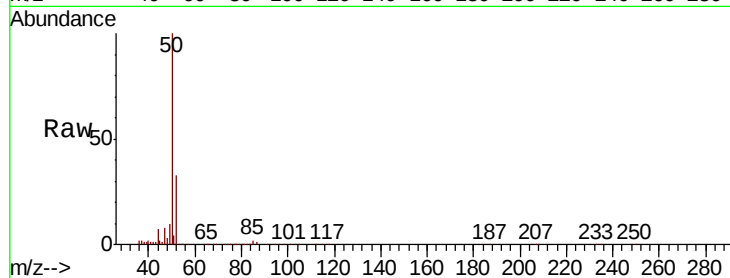
52 32.8 26.7 40.1

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#4

Vinyl Chloride

Concen: 21.42 ug/l

RT: 2.37 min Scan# 128

Delta R.T. 0.00 min

Lab File: VW004761.D

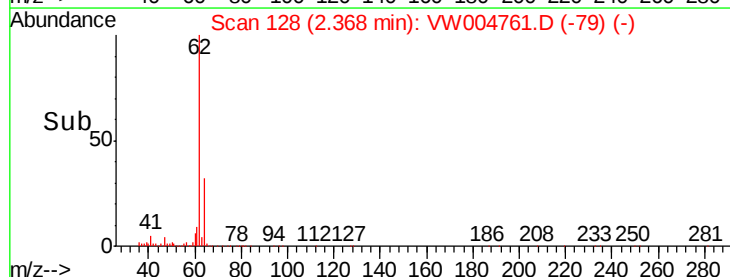
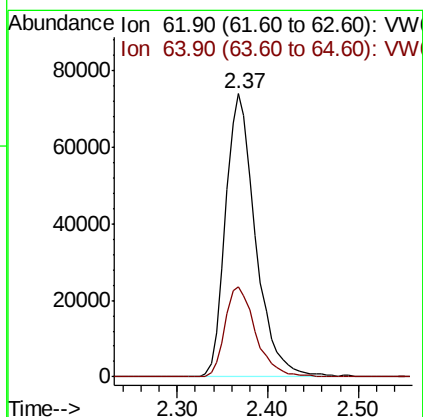
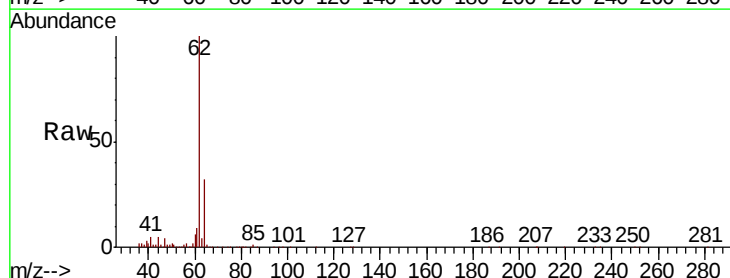
Acq: 18 Aug 2018 05:39

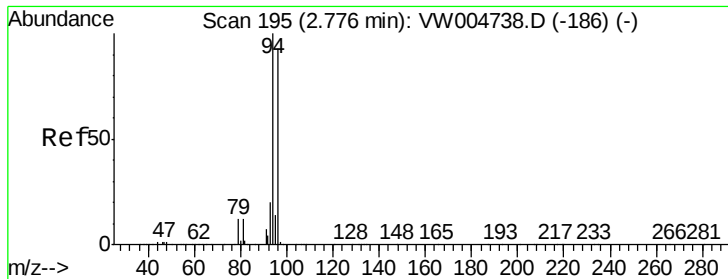
Tgt Ion: 62 Resp: 169954

Ion Ratio Lower Upper

62 100

64 31.6 25.2 37.8





#5

Bromomethane

Concen: 22.45 ug/l

RT: 2.78 min Scan# 196

Delta R.T. 0.01 min

Lab File: VW004761.D

Acq: 18 Aug 2018 05:39

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Tot Ion: 94 Resp: 110027

Ion Ratio Lower Upper

94 100

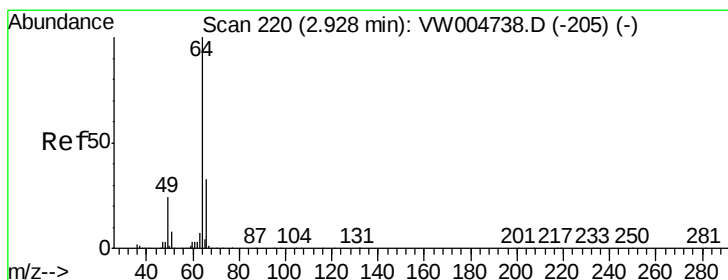
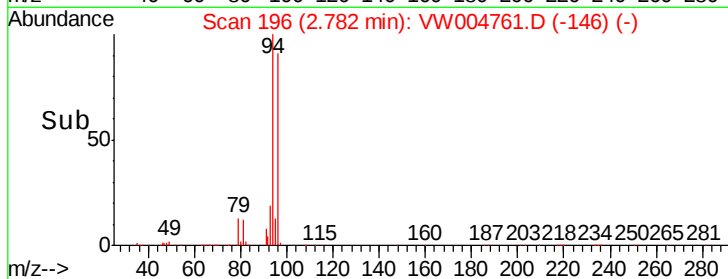
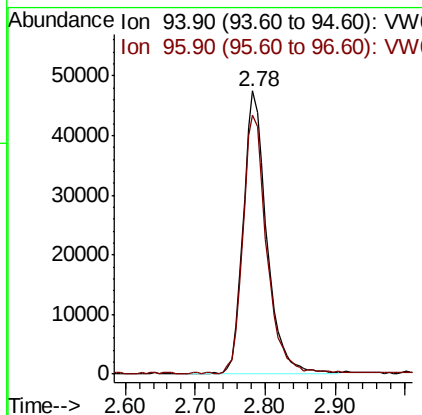
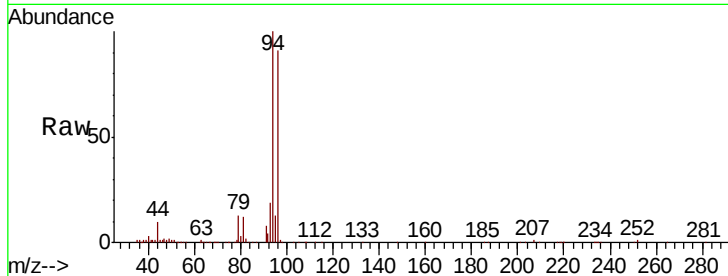
96 91.3 74.3 111.5

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#6

Chloroethane

Concen: 21.56 ug/l

RT: 2.93 min Scan# 220

Delta R.T. 0.00 min

Lab File: VW004761.D

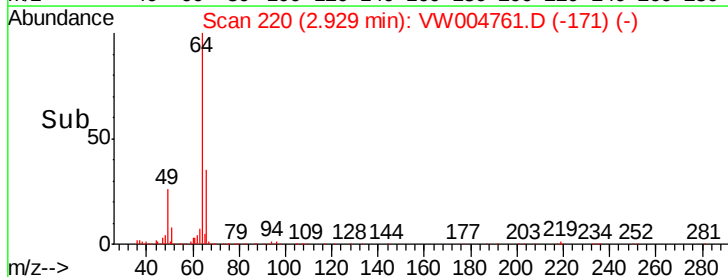
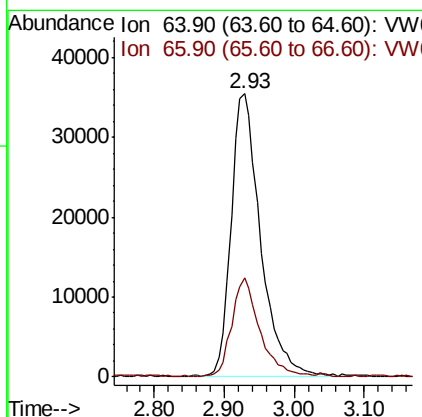
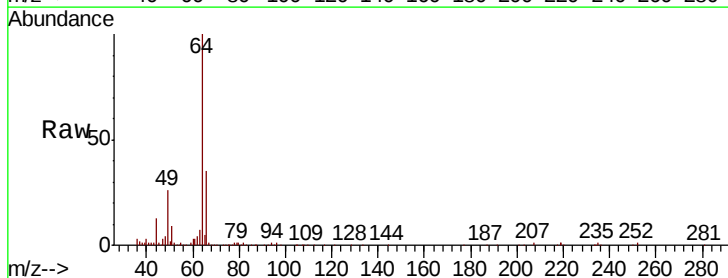
Acq: 18 Aug 2018 05:39

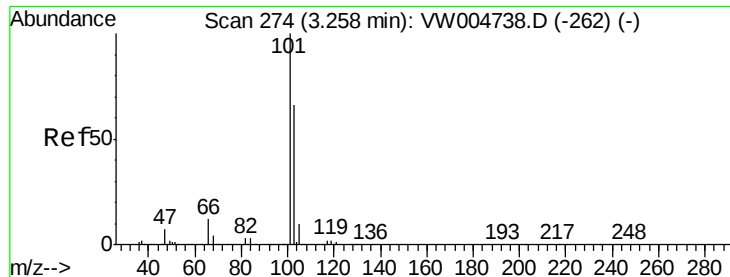
Tgt Ion: 64 Resp: 103227

Ion Ratio Lower Upper

64 100

66 34.9 26.1 39.1





#7

Trichlorofluoromethane

Concen: 19.52 ug/l

RT: 3.26 min Scan# 274

Delta R.T. 0.00 min

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Tot Ion:101 Resp: 72984

Ion Ratio Lower Upper

101 100

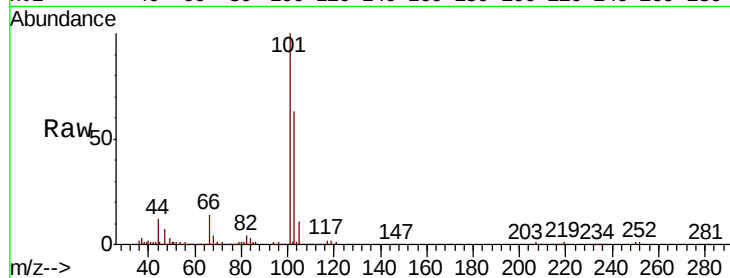
103 63.1 52.5 78.7

Manual Integrations

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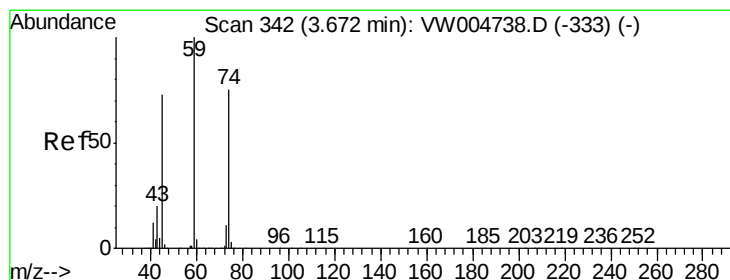
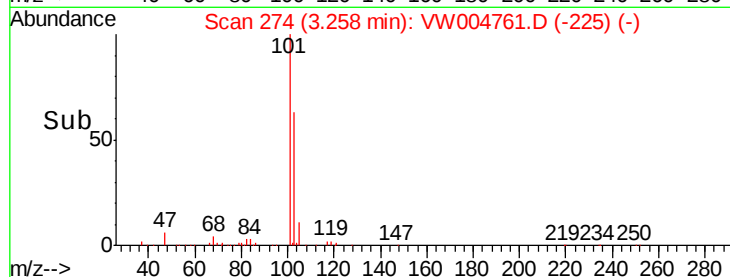
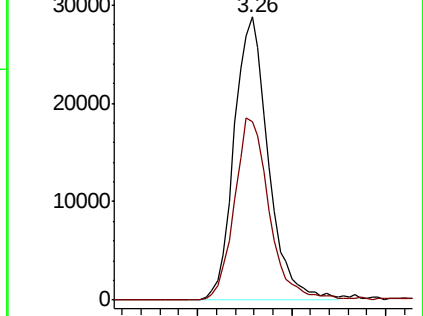
apatel

8/20/2018 9:56:45 AM



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 102.80 (102.50 to 103.50): V



#8

Diethyl Ether

Concen: 22.01 ug/l

RT: 3.68 min Scan# 343

Delta R.T. 0.01 min

Lab File: VW004761.D

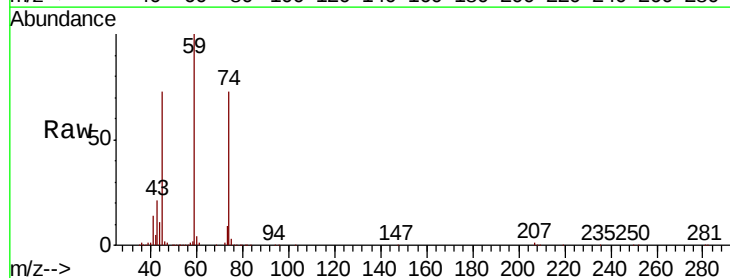
Acq: 18 Aug 2018 05:39

Tgt Ion: 74 Resp: 74406

Ion Ratio Lower Upper

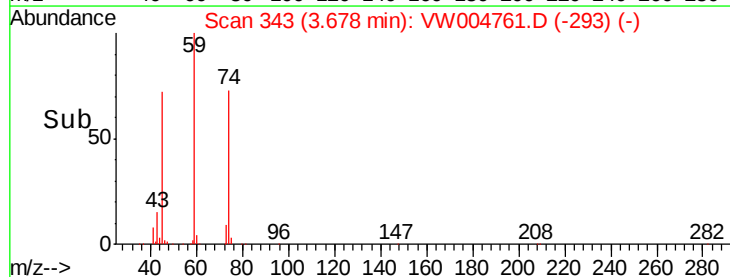
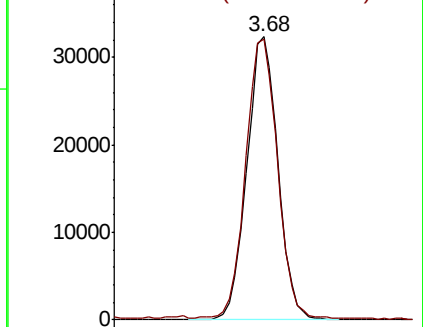
74 100

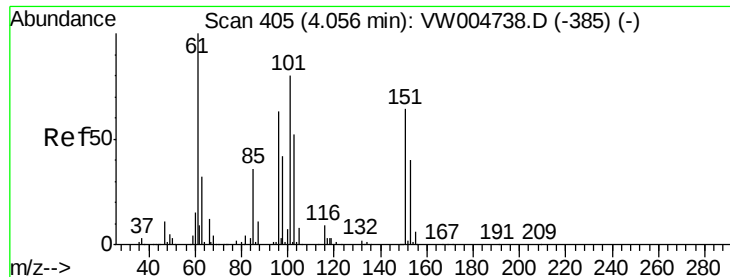
45 100.6 49.8 149.3



Abundance Ion 74.00 (73.70 to 74.70): VW

Ion 45.00 (44.70 to 45.70): VW





#9

1,1,2-Trichlorotrifluoroethane

Concen: 20.66 ug/l

RT: 4.06 min Scan# 406

Delta R.T. 0.01 min

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MSVOA_W

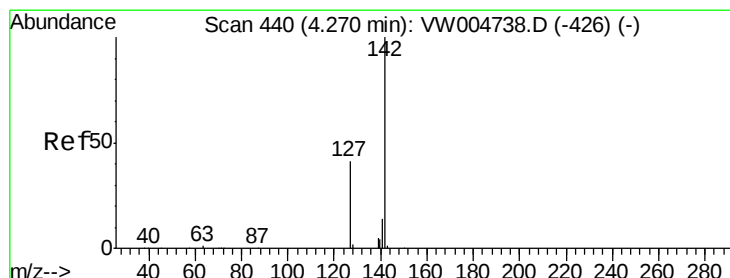
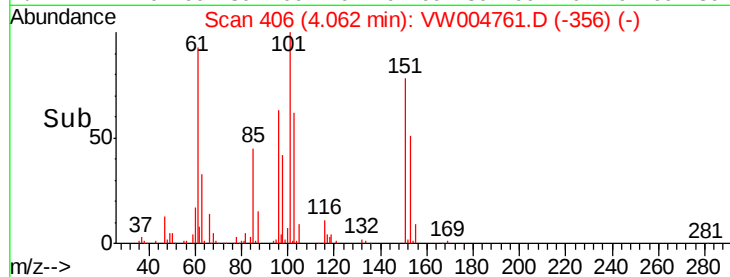
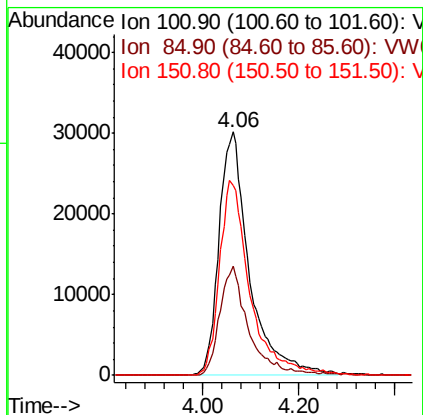
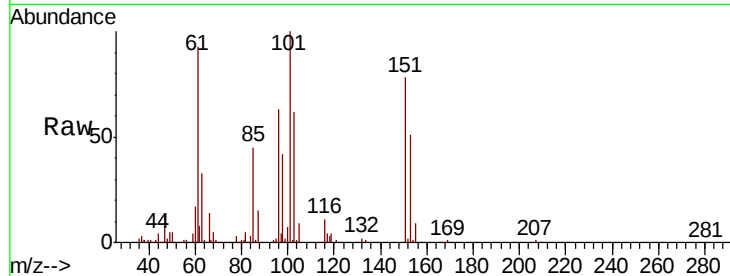
ClientSampleId :

VW0819SBS02

Tot Ion:	101	Resp:	132984
Ion Ratio	Lower	Upper	
101	100		
85	42.5	33.9	50.9
151	79.9	63.4	95.2

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#10

Methyl Iodide

Concen: 21.83 ug/l

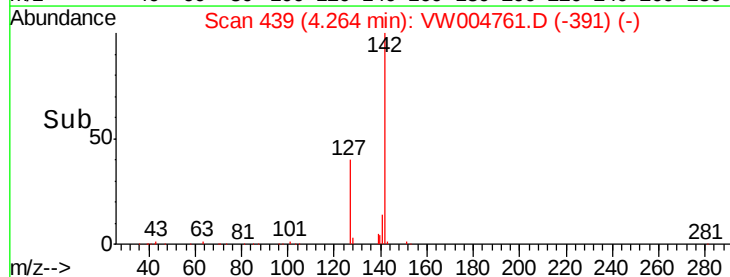
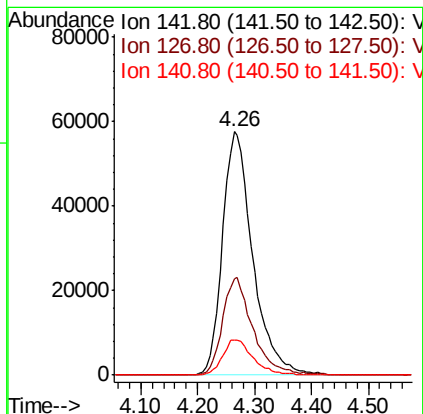
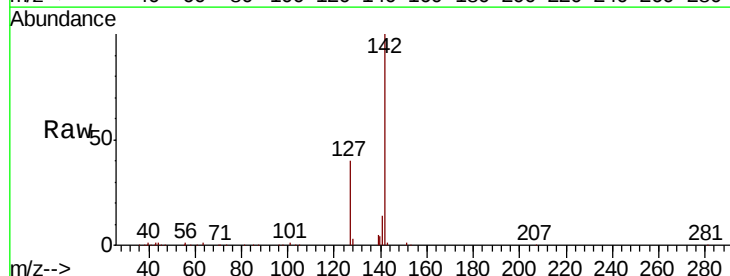
RT: 4.26 min Scan# 439

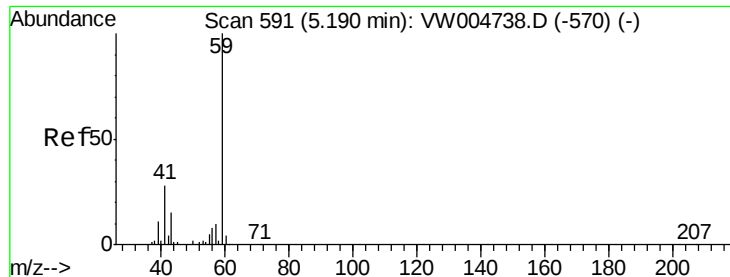
Delta R.T. -0.01 min

Lab File: VW004761.D

Acq: 18 Aug 2018 05:39

Tgt Ion:	142	Resp:	213389
Ion Ratio	Lower	Upper	
142	100		
127	40.3	32.1	48.1
141	14.7	11.7	17.5





#11

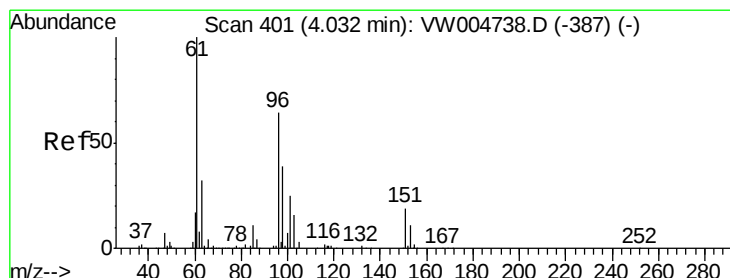
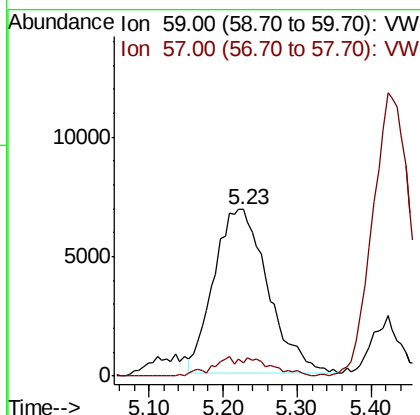
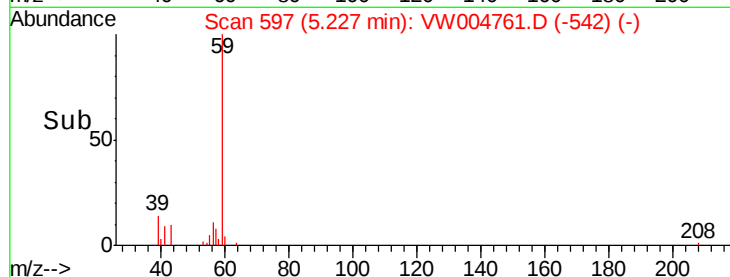
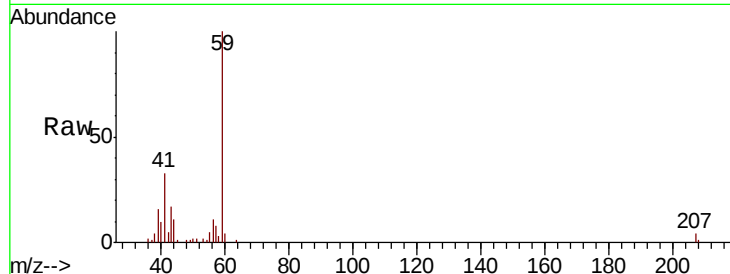
Tert butyl alcohol
Concen: 103.34 ug/l
RT: 5.23 min Scan# 597
Delta R.T. 0.04 min
Lab File: VW004761.D
Acq: 18 Aug 2018 05:39

Instrument :
MSVOA_W
ClientSampled :
VW0819SBS02

Tot Ion	Ratio	Lower	Upper
59	100		
57	0.0	8.4	12.6#

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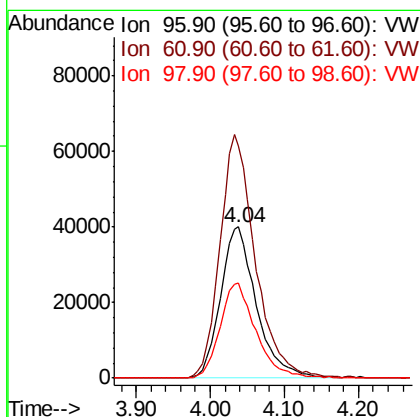
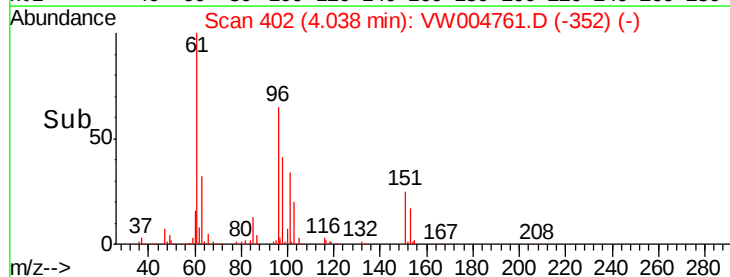
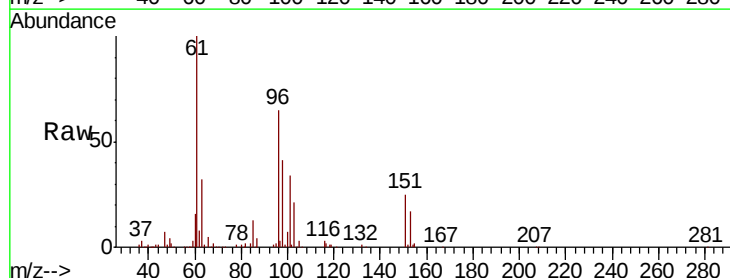
apatel
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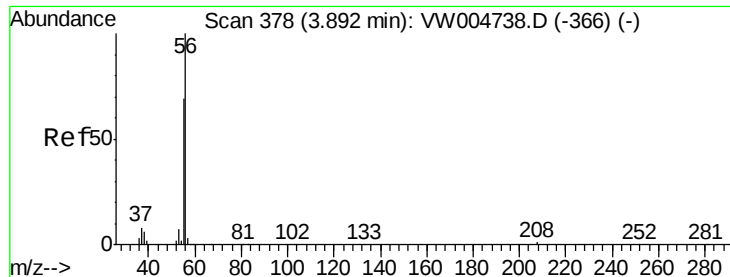


#12

1,1-Dichloroethene
Concen: 20.75 ug/l
RT: 4.04 min Scan# 402
Delta R.T. 0.01 min
Lab File: VW004761.D
Acq: 18 Aug 2018 05:39

Tgt Ion	Ratio	Lower	Upper
96	100		
61	153.6	125.6	188.4
98	62.5	49.4	74.0





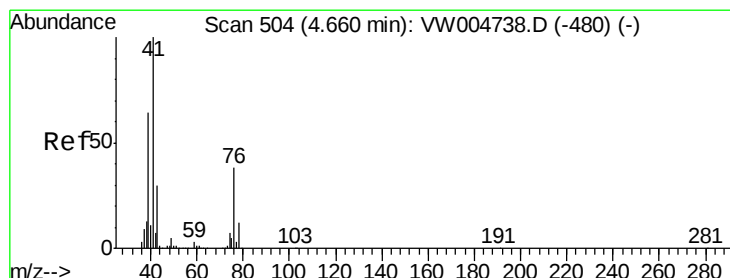
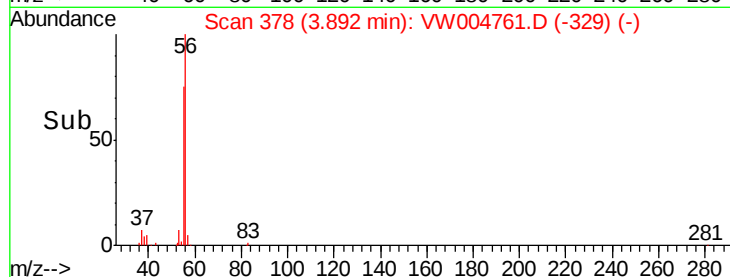
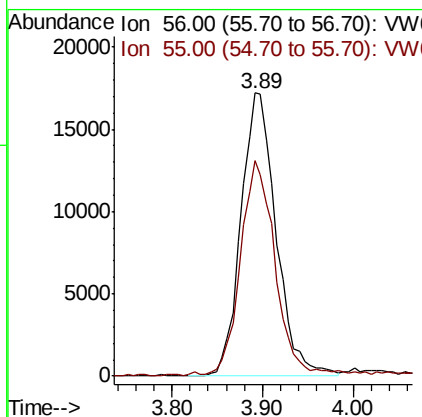
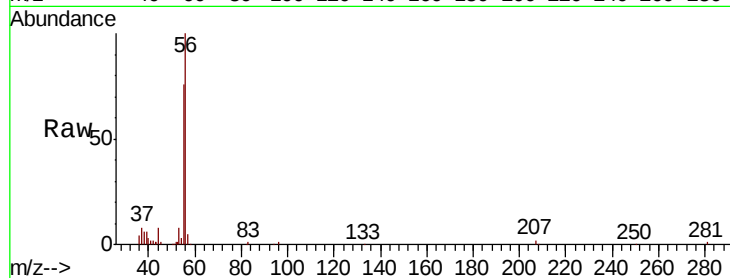
#13
Acrolein
Concen: 102.58 ug/l
RT: 3.89 min Scan# 378
Delta R.T. 0.00 min
Lab File: VW004761.D
Acq: 18 Aug 2018 05:39

Instrument :
MSVOA_W
ClientSampleId :
VW0819SBS02

Tot Ion	Ratio	Lower	Upper
56	100		
55	73.1	56.1	84.1

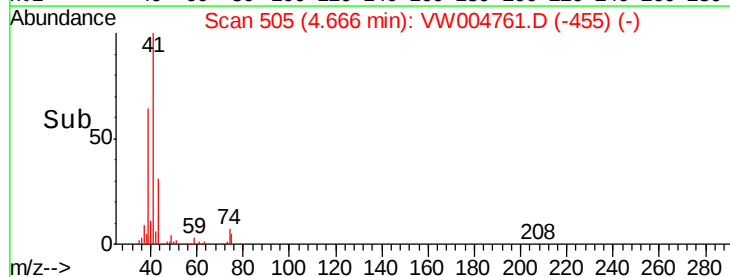
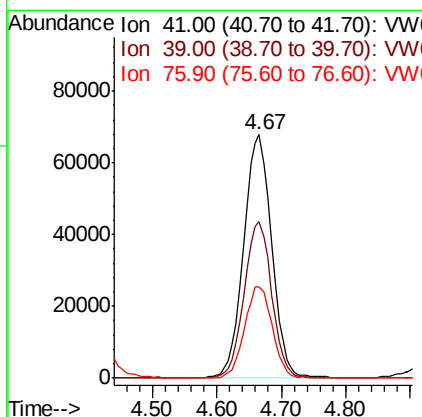
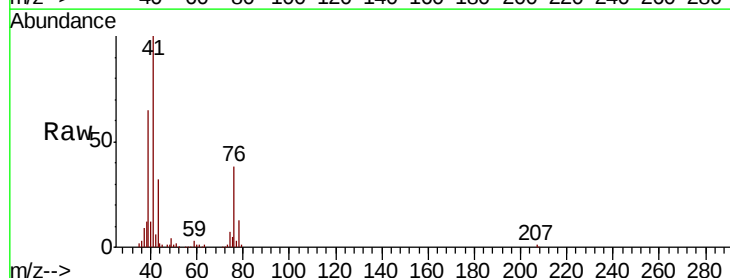
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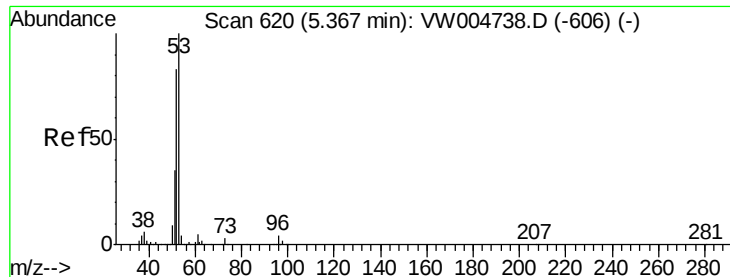
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#14
Allyl chloride
Concen: 20.68 ug/l
RT: 4.67 min Scan# 505
Delta R.T. 0.01 min
Lab File: VW004761.D
Acq: 18 Aug 2018 05:39

Tgt Ion	Ratio	Lower	Upper
41	100		
39	63.6	50.0	75.0
76	37.2	29.8	44.6





#15

Acrylonitrile

Concen: 108.65 ug/l

RT: 5.38 min Scan# 622

Delta R.T. 0.01 min

Lab File: VW004761.D

Acq: 18 Aug 2018 05:39

Instrument :

MSVOA_W

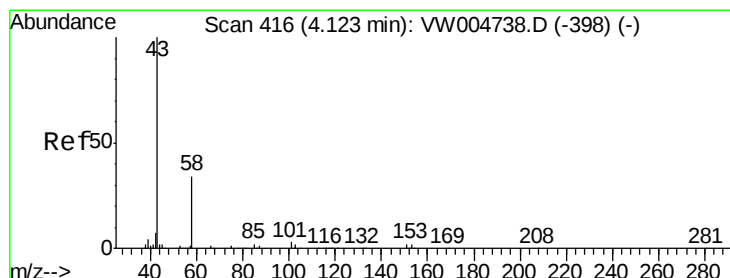
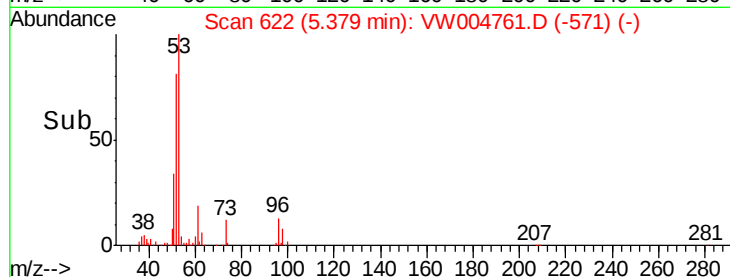
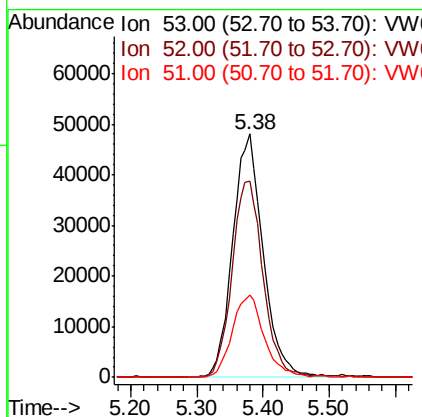
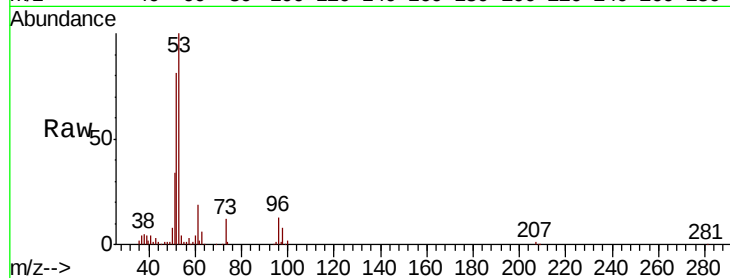
ClientSampleId :

VW0819SBS02

Tot Ion:	53	Resp:	154016
Ion Ratio		Lower	Upper
53	100		
52	81.5	65.8	98.6
51	35.3	28.7	43.1

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#16

Acetone

Concen: 90.27 ug/l

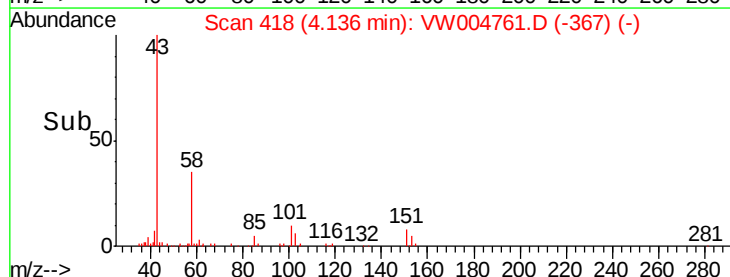
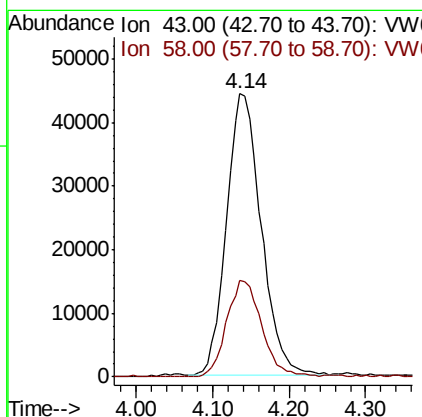
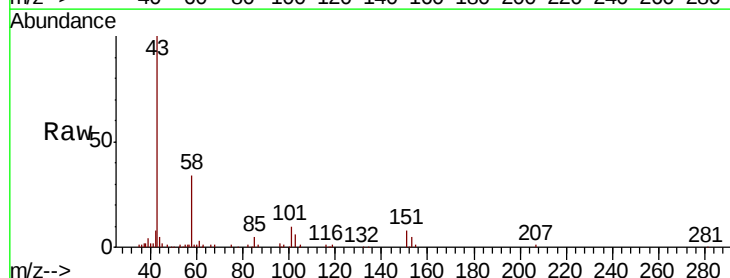
RT: 4.14 min Scan# 418

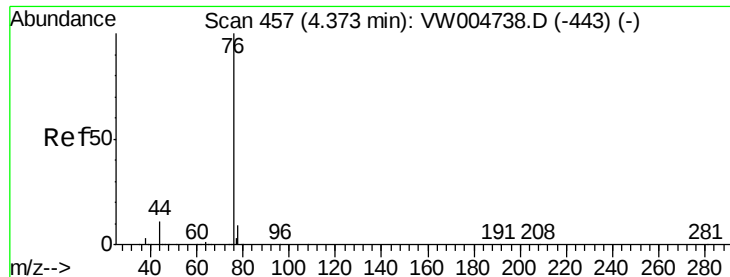
Delta R.T. 0.01 min

Lab File: VW004761.D

Acq: 18 Aug 2018 05:39

Tgt Ion:	43	Resp:	138679
Ion Ratio		Lower	Upper
43	100		
58	34.1	27.3	40.9





#17

Carbon Disulfide

Concen: 21.20 ug/l

RT: 4.38 min Scan# 458

Delta R.T. 0.01 min

Lab File: VW004761.D

Acq: 18 Aug 2018 05:39

Instrument :

MSVOA_W

ClientSampleId :

VW0819SBS02

Tot Ion: 76 Resp: 446822

Ion Ratio Lower Upper

76 100

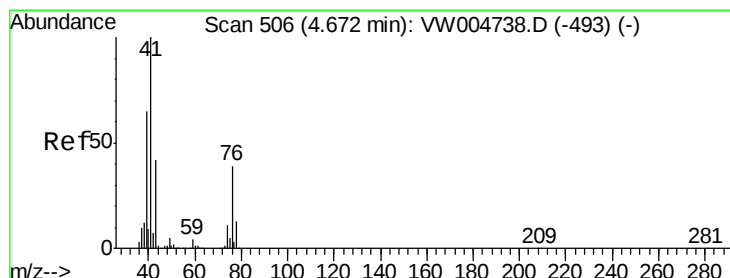
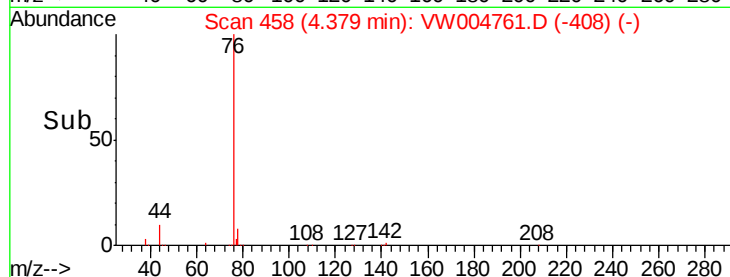
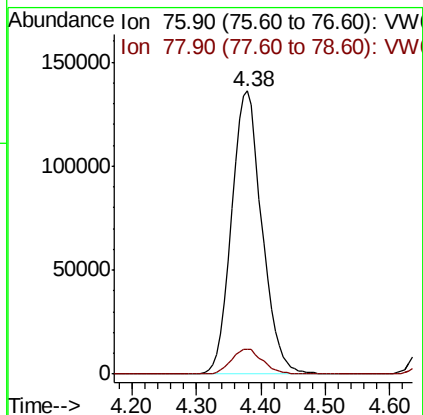
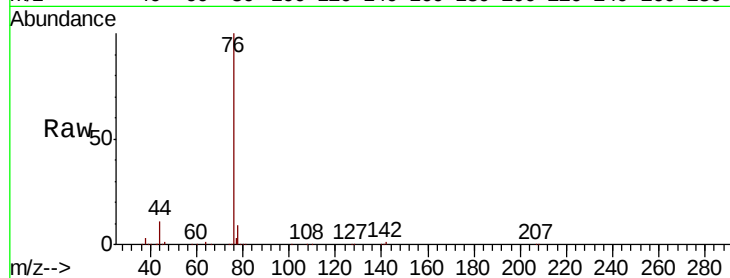
78 8.8 7.4 11.2

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#18

Methyl Acetate

Concen: 22.75 ug/l

RT: 4.67 min Scan# 506

Delta R.T. 0.00 min

Lab File: VW004761.D

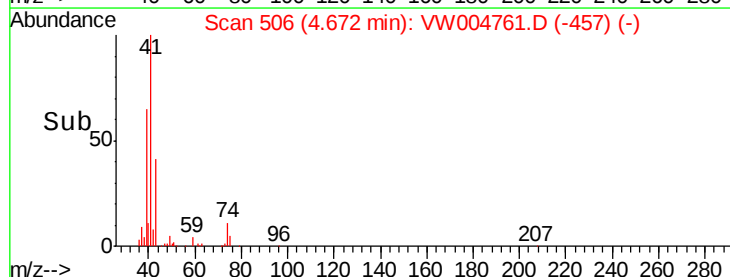
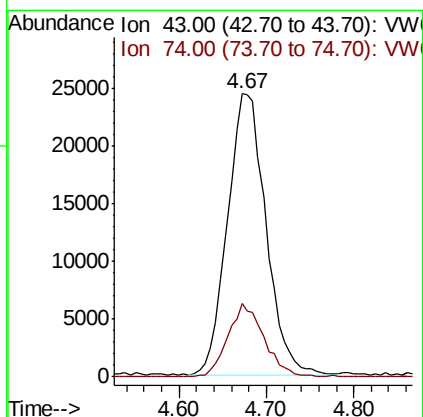
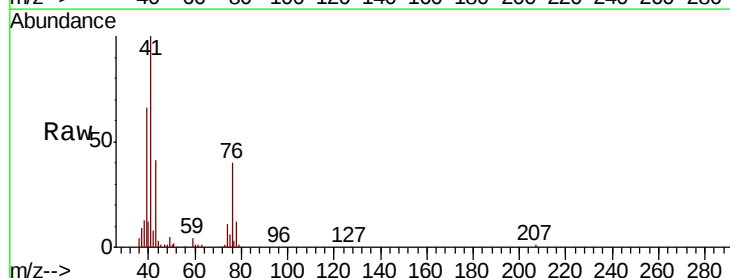
Acq: 18 Aug 2018 05:39

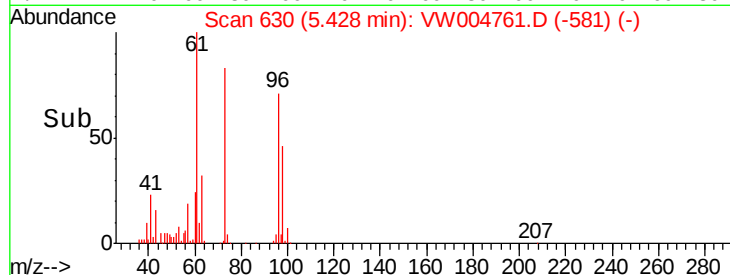
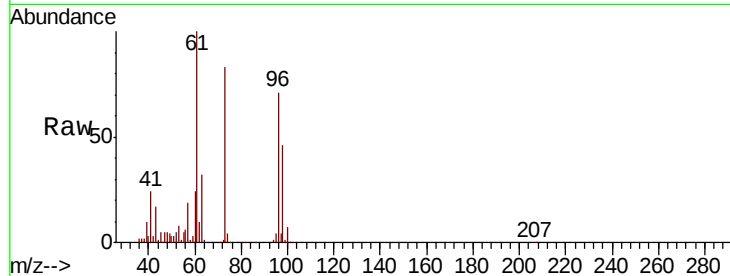
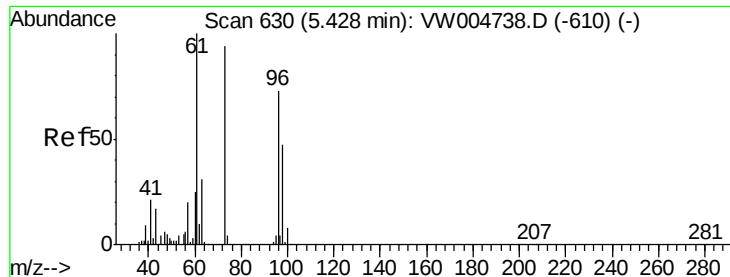
Tgt Ion: 43 Resp: 74890

Ion Ratio Lower Upper

43 100

74 24.3 19.8 29.8





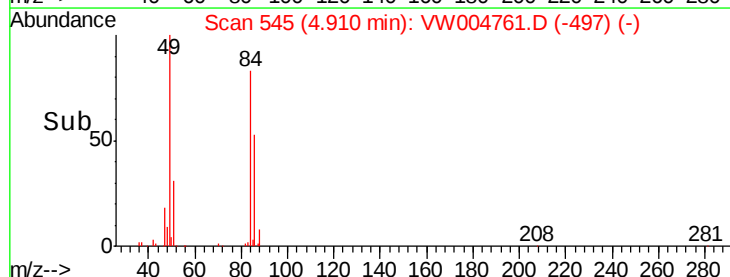
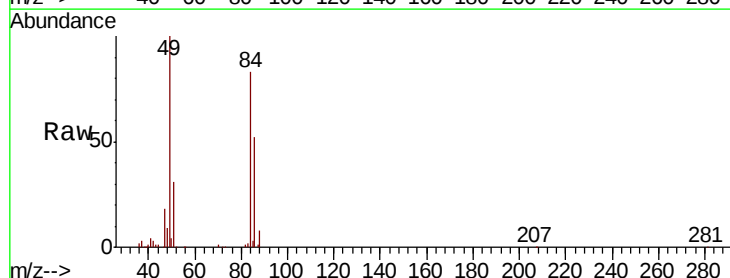
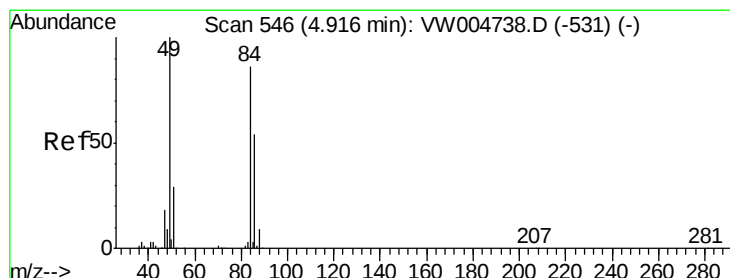
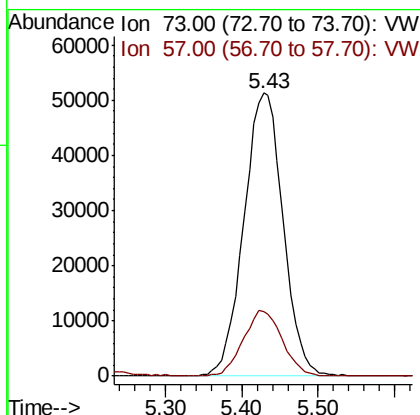
#19
Methyl tert-butyl Ether
Concen: 21.95 ug/l
RT: 5.43 min Scan# 630
Delta R.T. 0.00 min
Lab File: VW004761.D
Acq: 18 Aug 2018 05:39

Tot Ion: 73 Resp: 182762
Ion Ratio Lower Upper
73 100
57 22.6 17.3 25.9

Instrument :
MSVOA_W
ClientSampleId :
VW0819SBS02

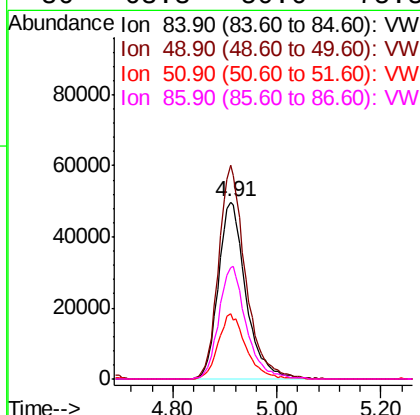
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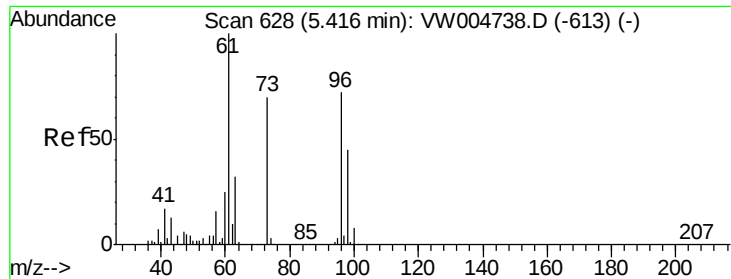
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#20
Methylene Chloride
Concen: 24.15 ug/l
RT: 4.91 min Scan# 545
Delta R.T. -0.01 min
Lab File: VW004761.D
Acq: 18 Aug 2018 05:39

Tgt Ion: 84 Resp: 185054
Ion Ratio Lower Upper
84 100
49 120.7 93.2 139.8
51 36.9 27.4 41.0
86 63.3 50.6 75.8





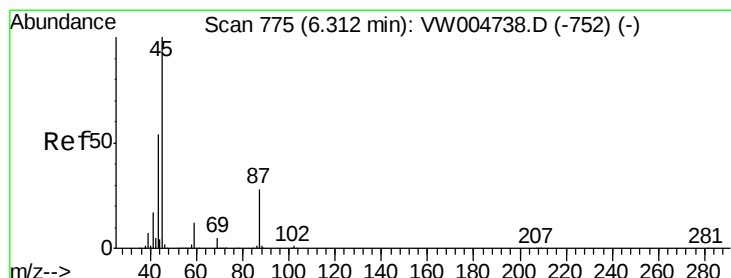
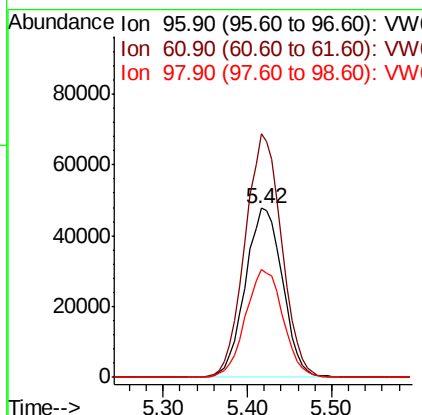
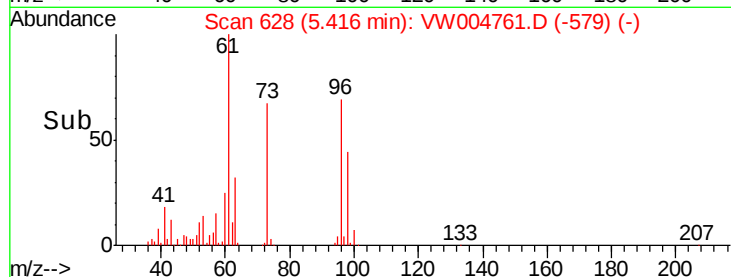
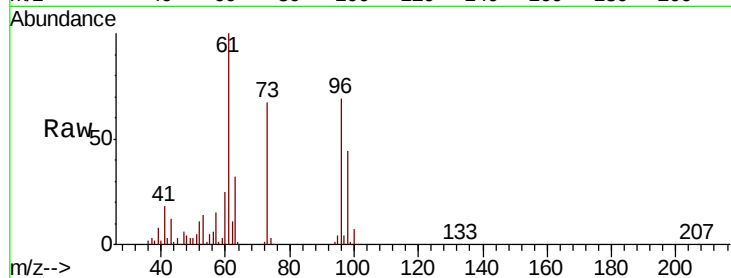
#21
trans-1,2-Dichloroethene
Concen: 21.09 ug/l
RT: 5.42 min Scan# 628
Delta R.T. 0.00 min
Lab File: VW004761.D
Acq: 18 Aug 2018 05:39

Instrument :
MSVOA_W
ClientSampleId :
VW0819SBS02

Tot Ion	Ratio	Lower	Upper
96	100		
61	144.2	111.4	167.0
98	63.9	49.7	74.5

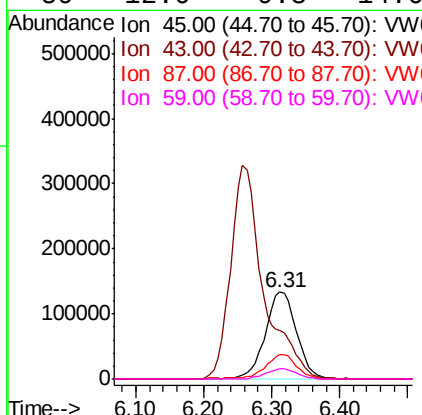
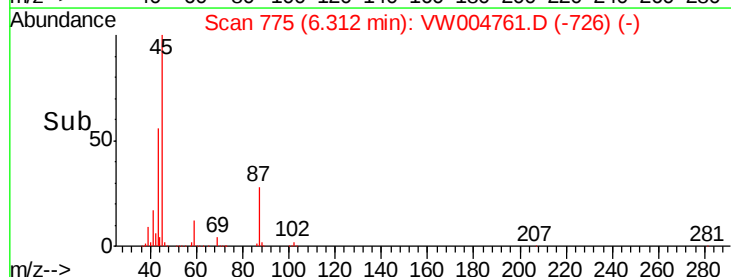
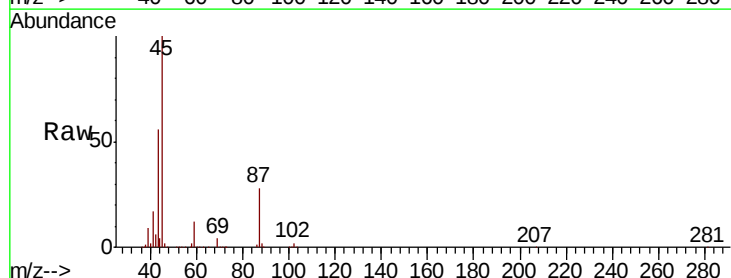
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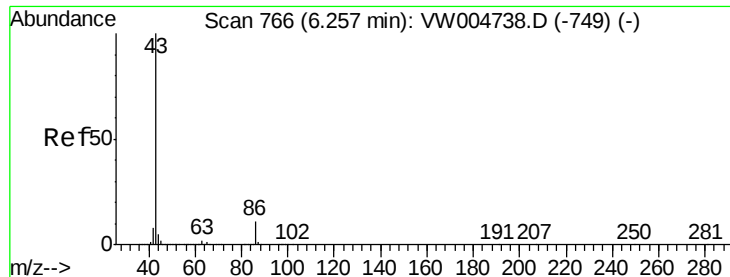
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#22
Diisopropyl ether
Concen: 22.86 ug/l
RT: 6.31 min Scan# 775
Delta R.T. 0.00 min
Lab File: VW004761.D
Acq: 18 Aug 2018 05:39

Tgt Ion	Ratio	Lower	Upper
45	100		
43	55.7	43.0	64.6
87	28.0	22.2	33.4
59	12.0	9.8	14.6





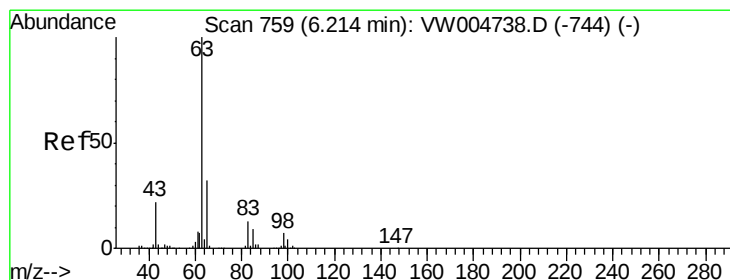
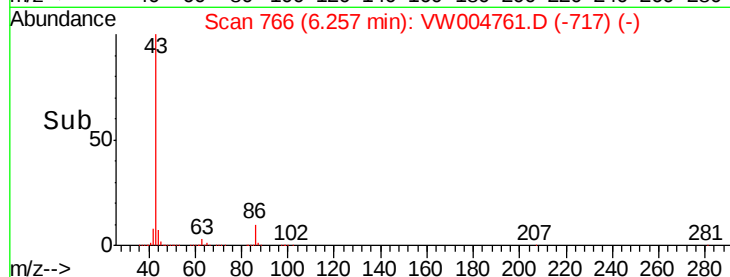
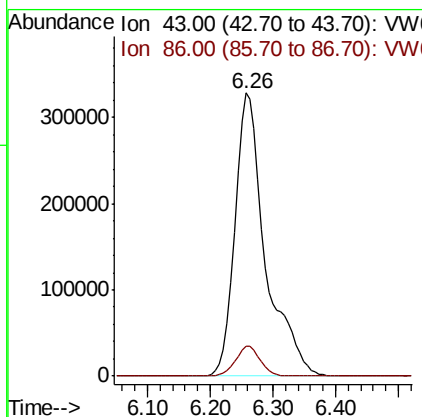
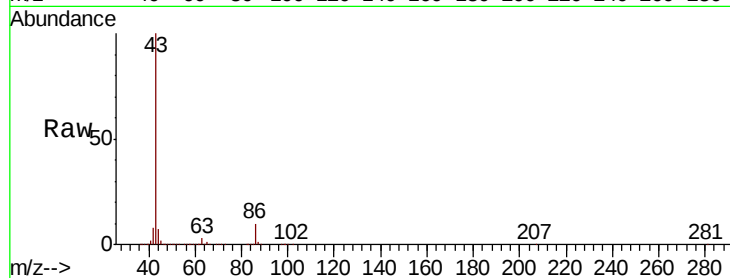
#23
 Vinyl Acetate
 Concen: 104.08 ug/l
 RT: 6.26 min Scan# 766
 Delta R.T. 0.00 min
 Lab File: VW004761.D
 Acq: 18 Aug 2018 05:39

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0819SBS02

Tot Ion: 43 Resp: 1101493
 Ion Ratio Lower Upper
 43 100
 86 10.4 8.5 12.7

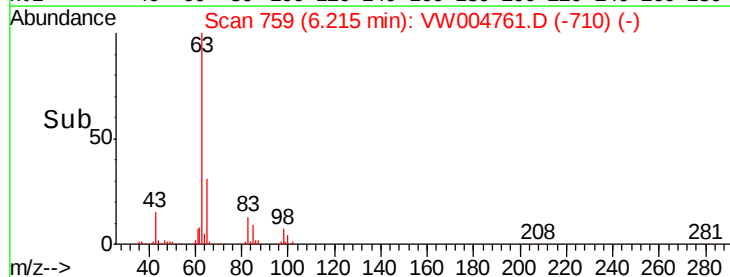
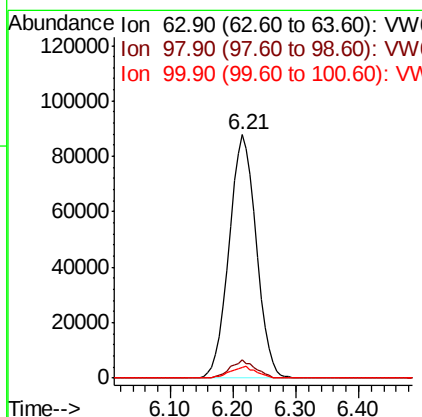
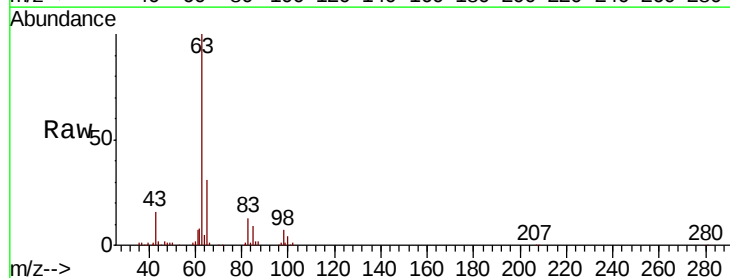
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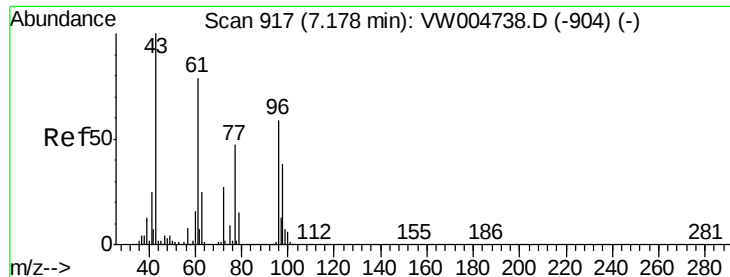
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#24
 1,1-Dichloroethane
 Concen: 21.66 ug/l
 RT: 6.21 min Scan# 759
 Delta R.T. 0.00 min
 Lab File: VW004761.D
 Acq: 18 Aug 2018 05:39

Tgt Ion: 63 Resp: 263379
 Ion Ratio Lower Upper
 63 100
 98 7.4 3.5 10.4
 100 4.2 2.1 6.3





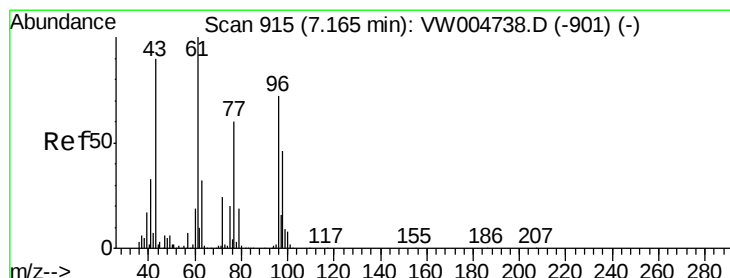
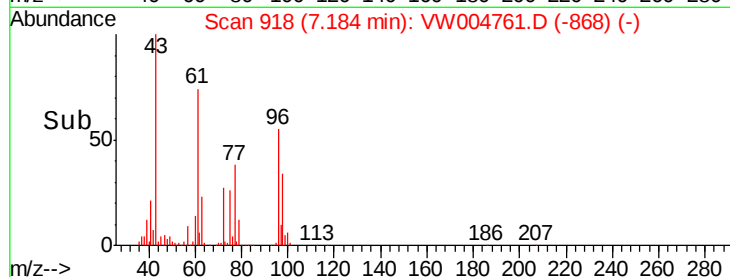
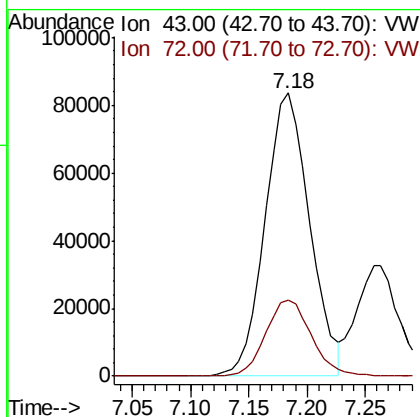
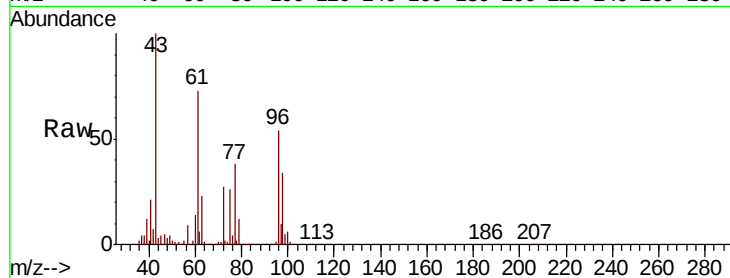
#25
2-Butanone
Concen: 101.11 ug/l
RT: 7.18 min Scan# 918
Delta R.T. 0.01 min
Lab File: VW004761.D
Acq: 18 Aug 2018 05:39

Instrument :
MSVOA_W
ClientSampleId :
VW0819SBS02

Tot Ion: 43 Resp: 221325
Ion Ratio Lower Upper
43 100
72 27.0 22.0 33.0

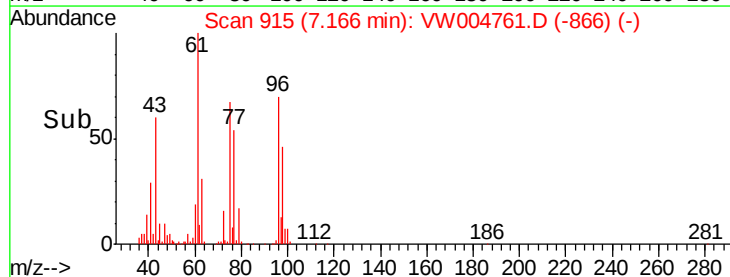
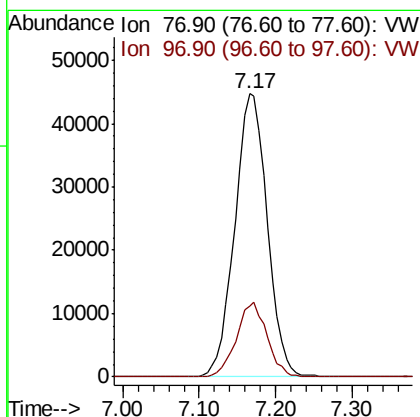
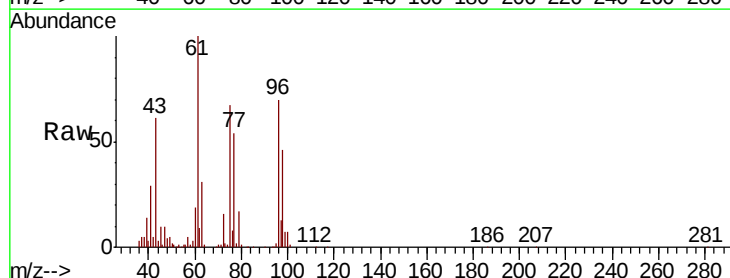
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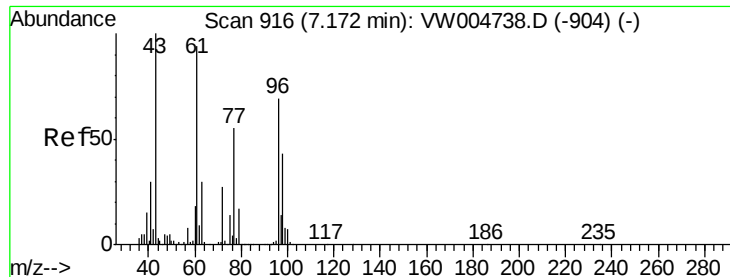
apatel
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#26
2,2-Dichloropropane
Concen: 18.75 ug/l
RT: 7.17 min Scan# 915
Delta R.T. 0.00 min
Lab File: VW004761.D
Acq: 18 Aug 2018 05:39

Tgt Ion: 77 Resp: 131682
Ion Ratio Lower Upper
77 100
97 24.9 12.6 37.8





#27

cis-1,2-Dichloroethene

Concen: 21.81 ug/l

RT: 7.17 min Scan# 916

Delta R.T. 0.00 min

Lab File: VW004761.D

Acq: 18 Aug 2018 05:39

Instrument :

MSVOA_W

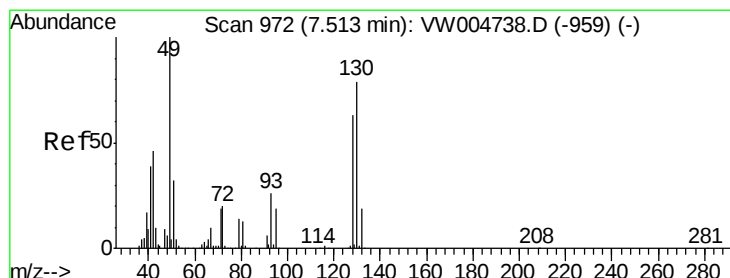
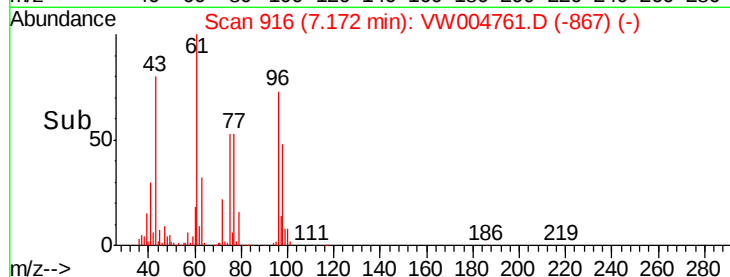
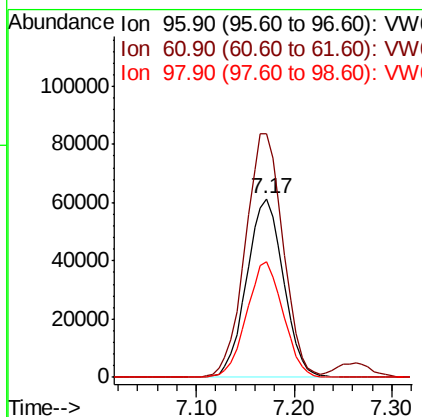
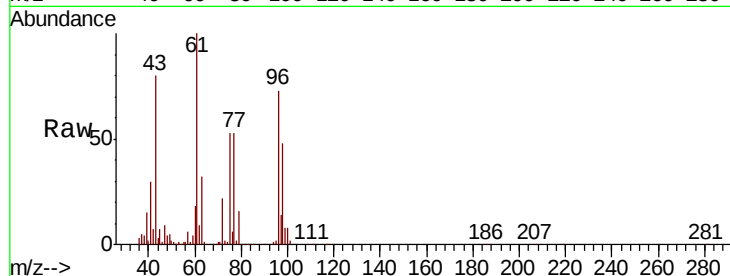
ClientSampleId :

VW0819SBS02

Tot Ion:	96	Resp:	160227
Ion Ratio	Lower	Upper	
96	100		
61	139.9	0.0	277.6
98	64.1	0.0	127.4

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#28

Bromochloromethane

Concen: 20.59 ug/l

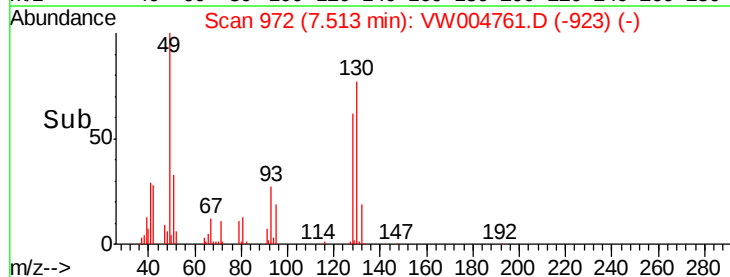
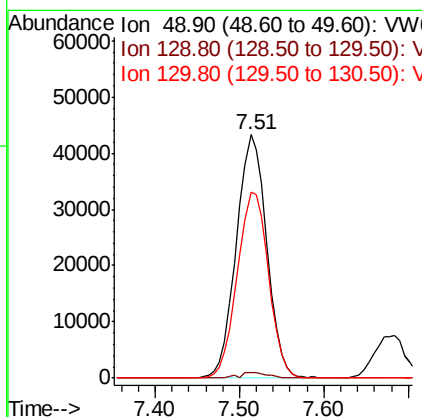
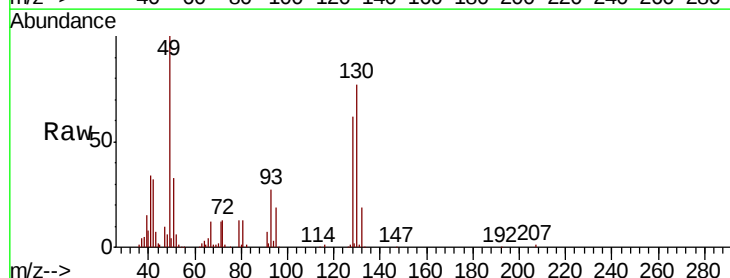
RT: 7.51 min Scan# 972

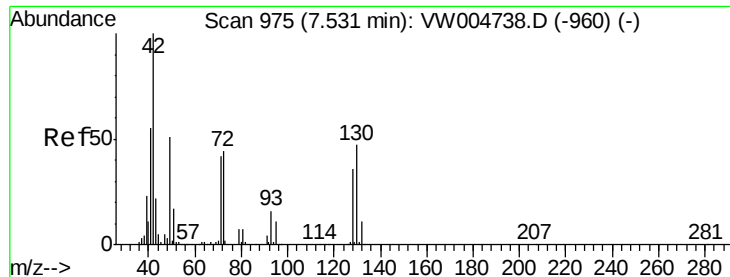
Delta R.T. 0.00 min

Lab File: VW004761.D

Acq: 18 Aug 2018 05:39

Tgt Ion:	49	Resp:	105412
Ion Ratio	Lower	Upper	
49	100		
129	2.0	0.0	4.4
130	78.8	63.7	95.5





#29

Tetrahydrofuran

Concen: 106.16 ug/l

RT: 7.54 min Scan# 976

Delta R.T. 0.01 min

Lab File: VW004761.D

Acq: 18 Aug 2018 05:39

Instrument :

MSVOA_W

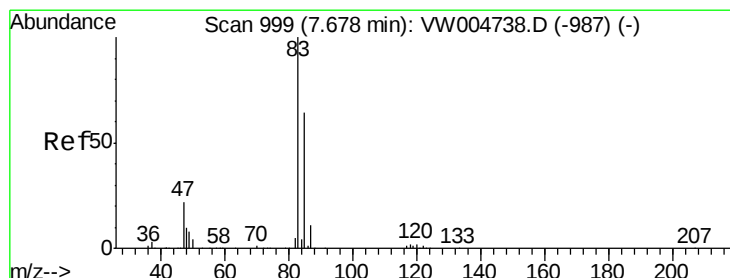
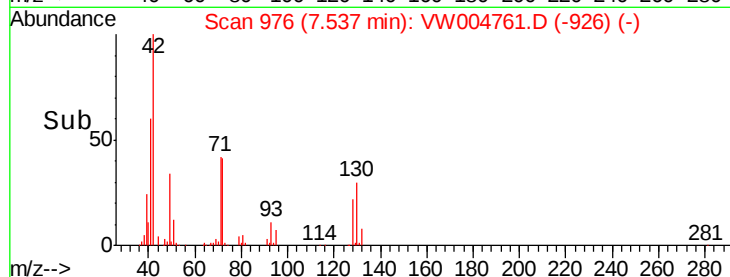
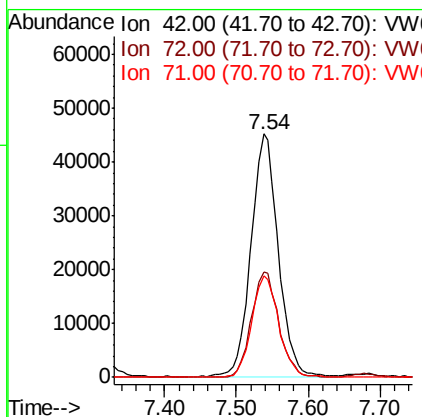
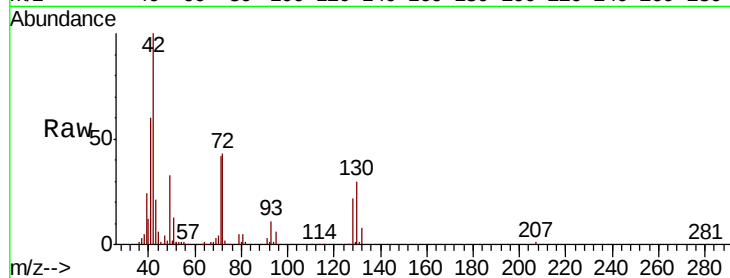
ClientSampleId :

VW0819SBS02

Tot Ion:	42	Resp:	118491
Ion Ratio		Lower	Upper
42	100		
72	43.5	34.9	52.3
71	41.8	33.8	50.6

Manual Integrations
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#30

Chloroform

Concen: 21.71 ug/l

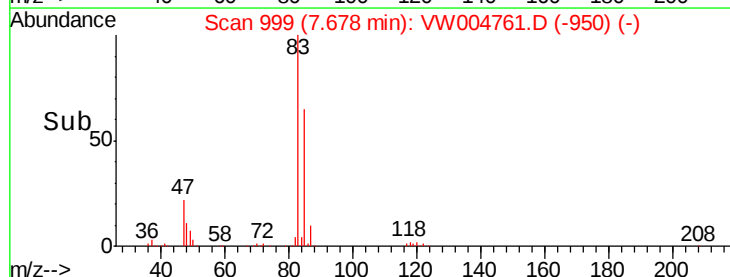
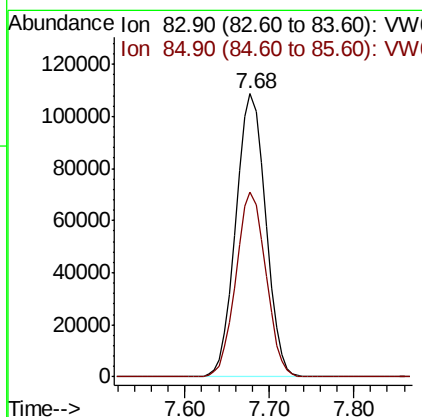
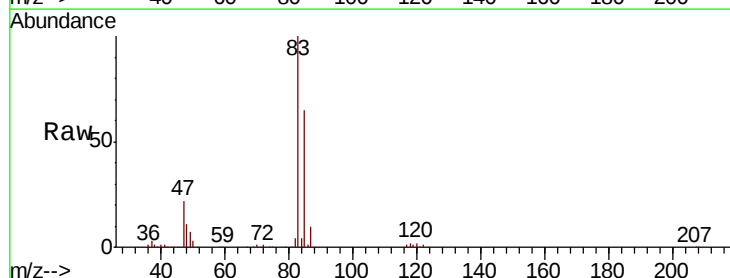
RT: 7.68 min Scan# 999

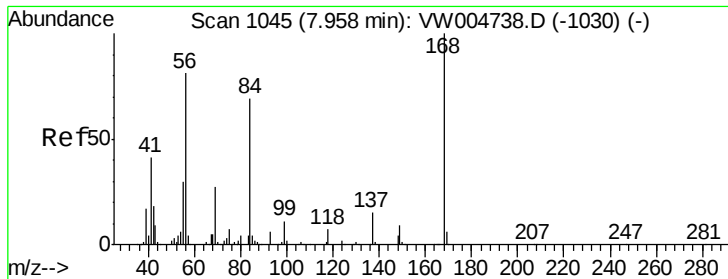
Delta R.T. 0.00 min

Lab File: VW004761.D

Acq: 18 Aug 2018 05:39

Tgt Ion:	83	Resp:	259677
Ion Ratio		Lower	Upper
83	100		
85	65.3	51.0	76.6





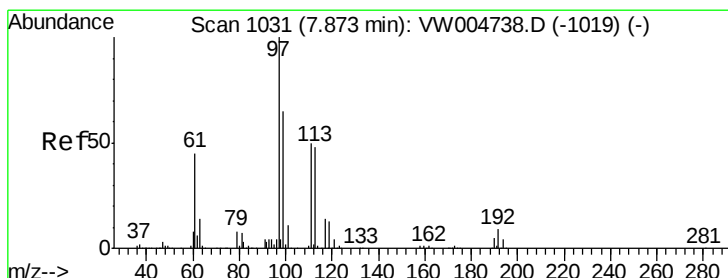
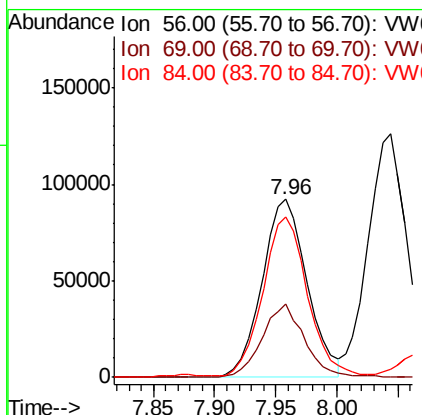
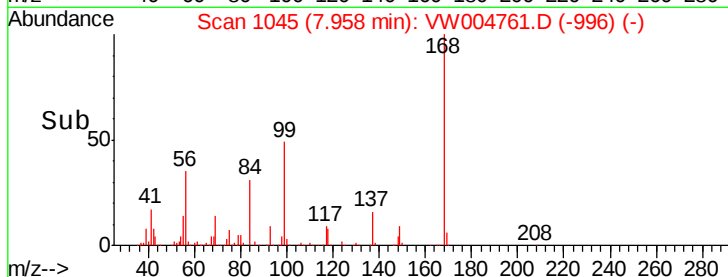
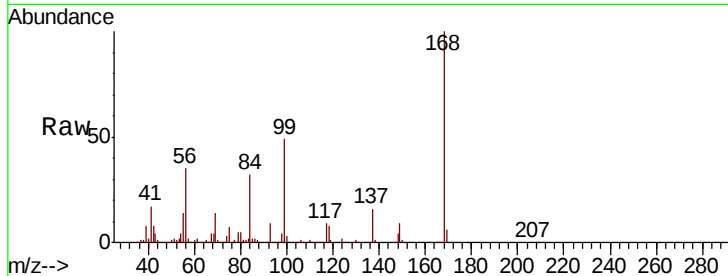
#31
Cyclohexane
Concen: 20.11 ug/l
RT: 7.96 min Scan# 1045
Delta R.T. 0.00 min
Lab File: VW004761.D
Acq: 18 Aug 2018 05:39

Instrument :
MSVOA_W
ClientSampleId :
VW0819SBS02

Tot Ion	Ion	Ratio	Lower	Upper
56	100			
69	40.7	27.1	40.7#	
84	88.9	68.3	102.5	

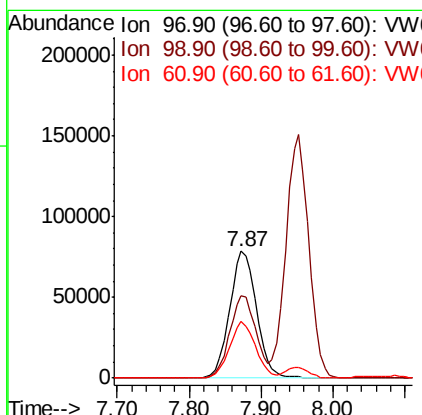
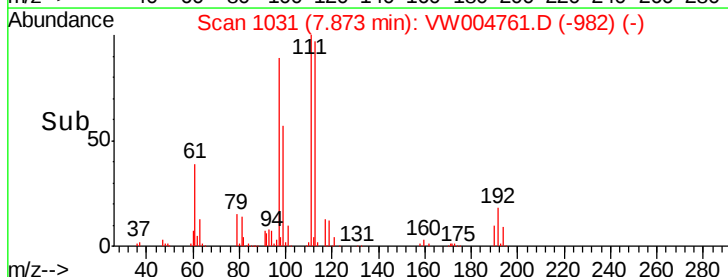
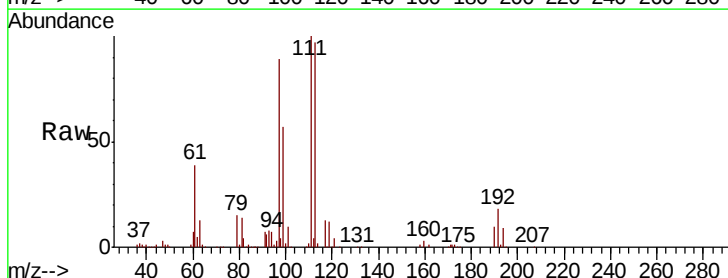
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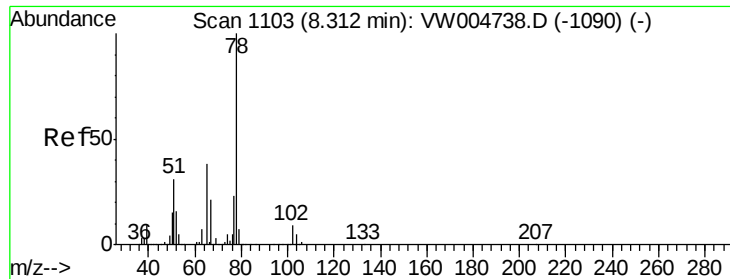
apatel
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#32
1,1,1-Trichloroethane
Concen: 21.47 ug/l
RT: 7.87 min Scan# 1031
Delta R.T. 0.00 min
Lab File: VW004761.D
Acq: 18 Aug 2018 05:39

Tgt Ion	Ion	Ratio	Lower	Upper
97	100			
99	63.2	51.7	77.5	
61	43.4	34.4	51.6	





#33

1,2-Dichloroethane-d4

Concen: 51.17 ug/l

RT: 8.31 min Scan# 1103

Delta R.T. 0.00 min

Lab File: VW004761.D

Acq: 18 Aug 2018 05:39

Instrument :

MSVOA_W

ClientSampleId :

VW0819SBS02

Tot Ion: 65 Resp: 307965

Ion Ratio Lower Upper

65 100

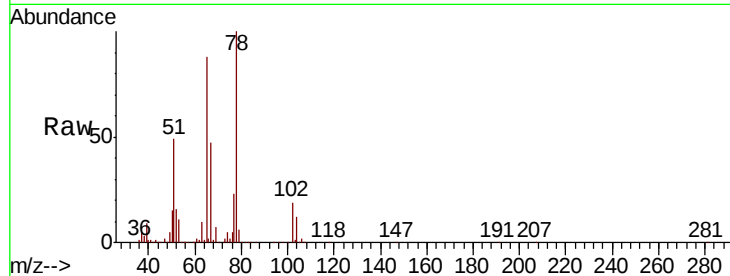
67 54.7 0.0 109.4

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

8.31

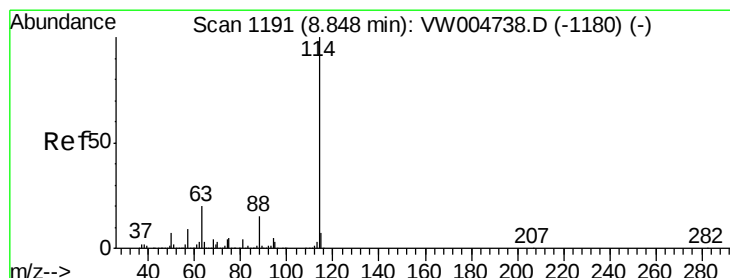
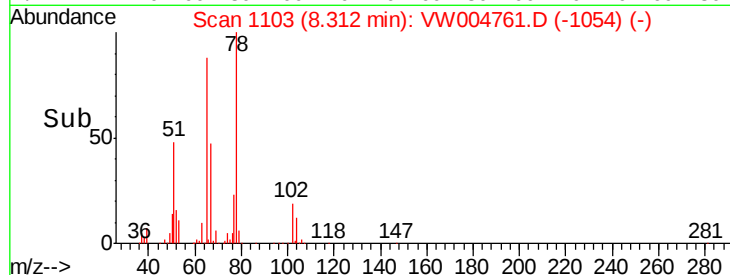
150000

100000

50000

0

Time-->



#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 8.85 min Scan# 1191

Delta R.T. 0.00 min

Lab File: VW004761.D

Acq: 18 Aug 2018 05:39

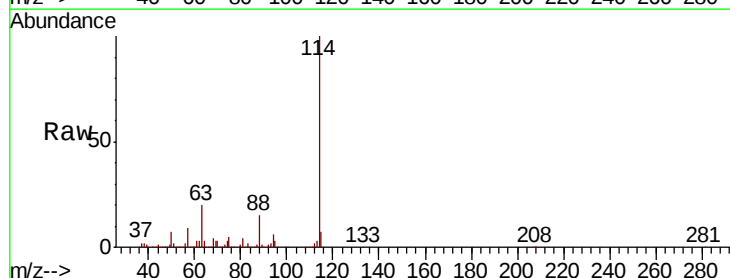
Tgt Ion: 114 Resp: 984668

Ion Ratio Lower Upper

114 100

63 19.6 0.0 39.0

88 15.4 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

8.85

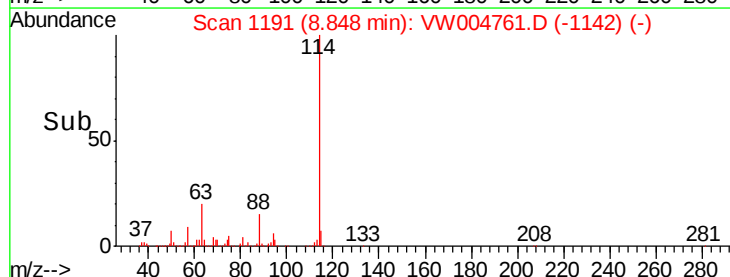
600000

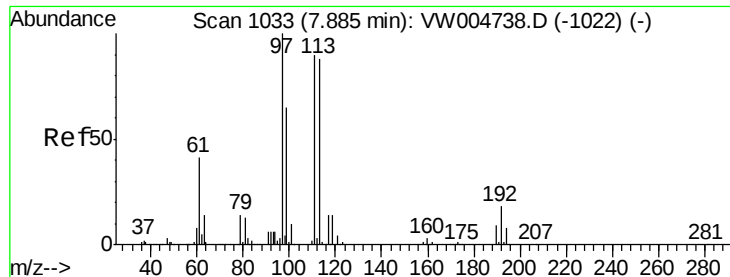
400000

200000

0

Time-->





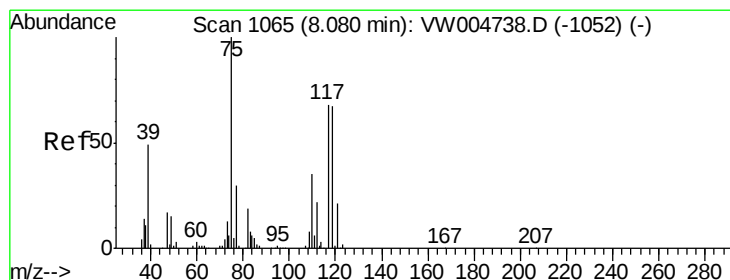
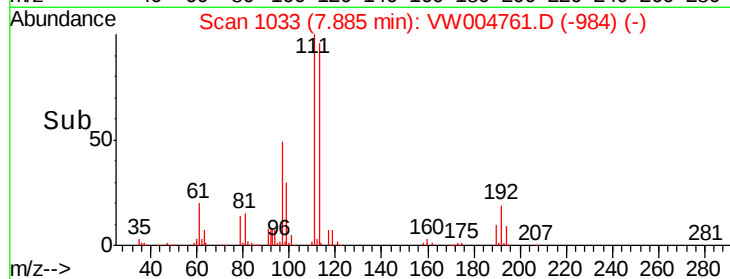
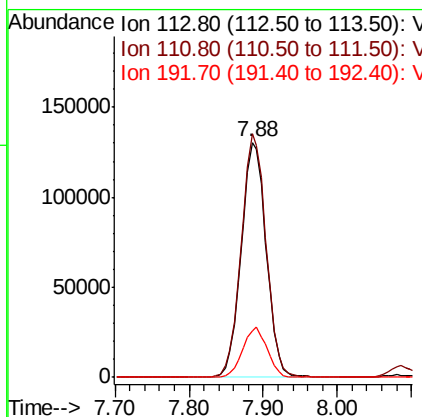
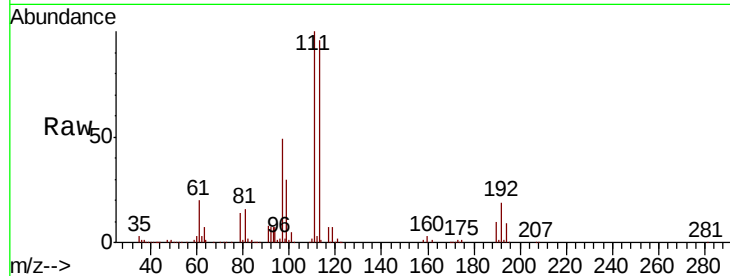
#35
 Dibromofluoromethane
 Concen: 48.78 ug/l
 RT: 7.88 min Scan# 1033
 Delta R.T. 0.00 min
 Lab File: VW004761.D
 Acq: 18 Aug 2018 05:39

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0819SBS02

Tot Ion	Ratio	Resp	Lower	Upper
113	100	306974		
111	103.1	82.4	123.6	
192	20.9	16.7	25.1	

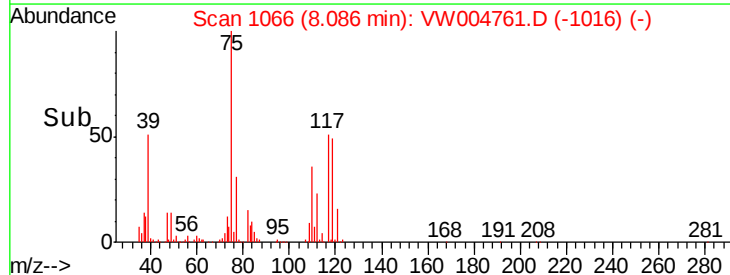
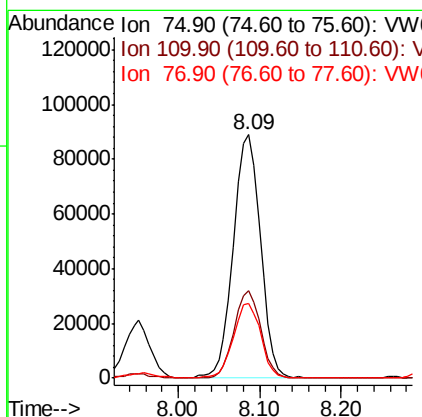
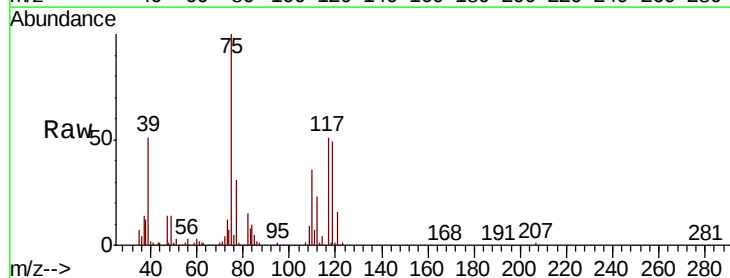
Manual Integrations
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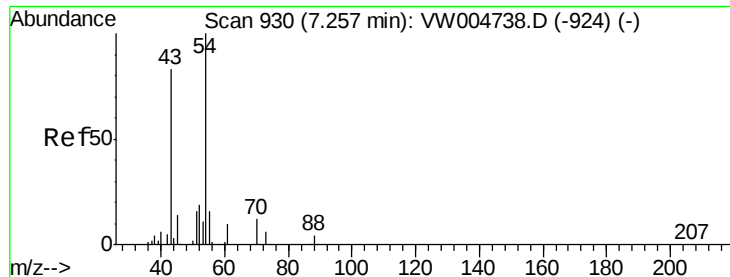
apatel
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#36
 1,1-Dichloropropene
 Concen: 20.11 ug/l
 RT: 8.09 min Scan# 1066
 Delta R.T. 0.01 min
 Lab File: VW004761.D
 Acq: 18 Aug 2018 05:39

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	203989		
110	35.2	17.8	53.5	
77	31.0	24.9	37.3	





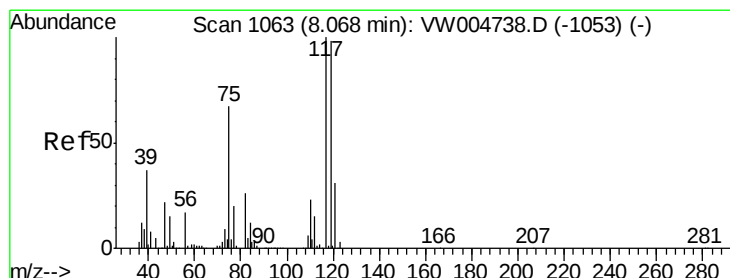
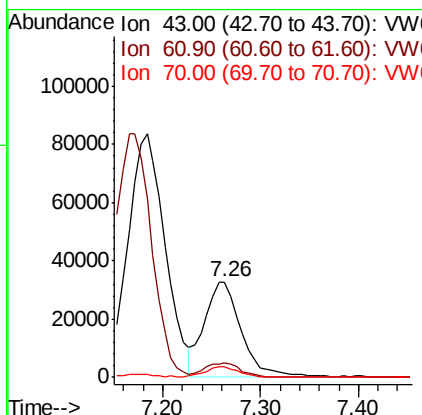
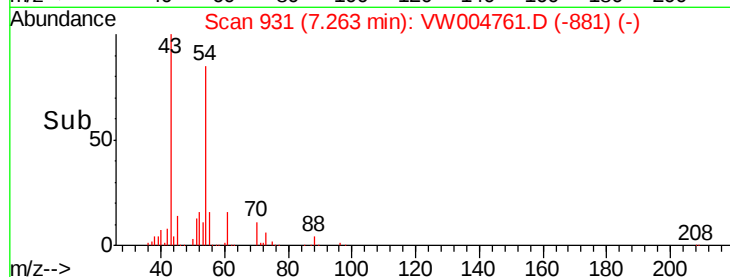
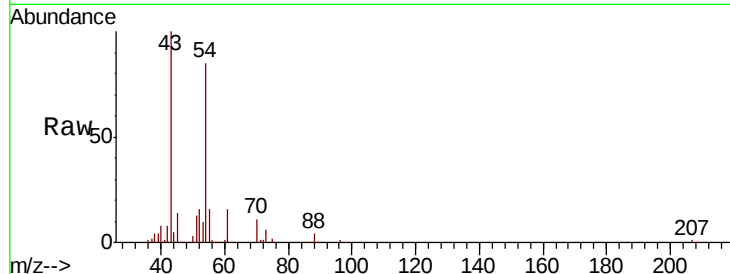
#37
Ethyl Acetate
Concen: 20.72 ug/l
RT: 7.26 min Scan# 931
Delta R.T. 0.01 min
Lab File: VW004761.D
Acq: 18 Aug 2018 05:39

Instrument :
MSVOA_W
ClientSampleId :
VW0819SBS02

Tot Ion	Ratio	Lower	Upper
43	100		
61	15.6	11.6	17.4
70	10.7	9.2	13.8

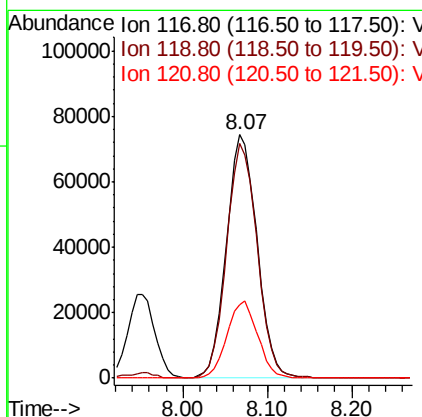
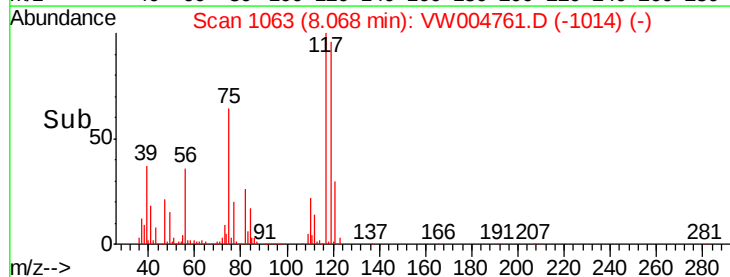
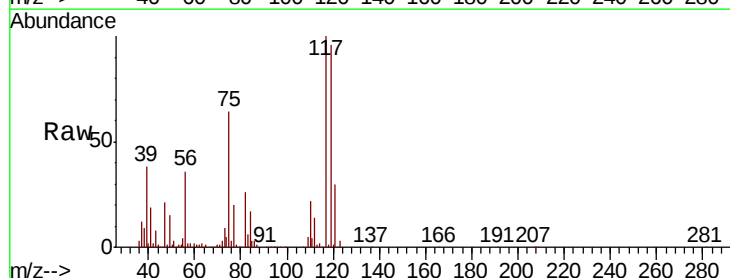
Manual Integrations
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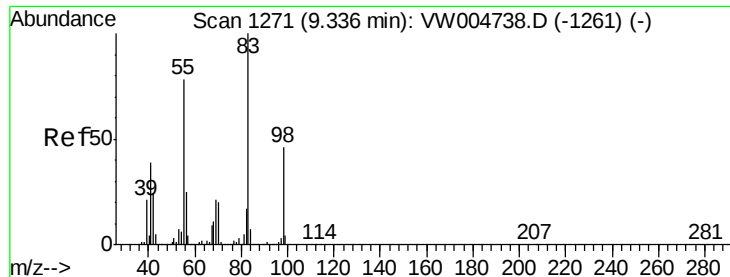
apatel
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#38
Carbon Tetrachloride
Concen: 19.74 ug/l
RT: 8.07 min Scan# 1063
Delta R.T. 0.00 min
Lab File: VW004761.D
Acq: 18 Aug 2018 05:39

Tgt Ion	Ratio	Lower	Upper
117	100		
119	96.4	78.0	117.0
121	29.9	24.8	37.2





#39

Methvlcvclohexane

Concen: 18.76 ug/l

RT: 9.34 min Scan# 1272

Delta R.T. 0.01 min

Lab File: VW004761.D

Acq: 18 Aug 2018 05:39

Instrument :

MSVOA_W

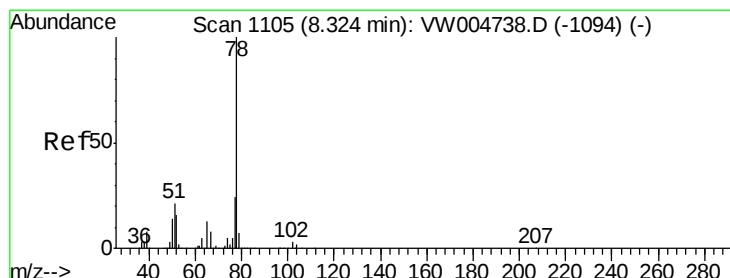
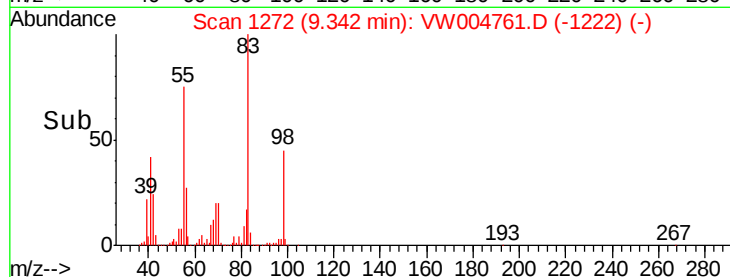
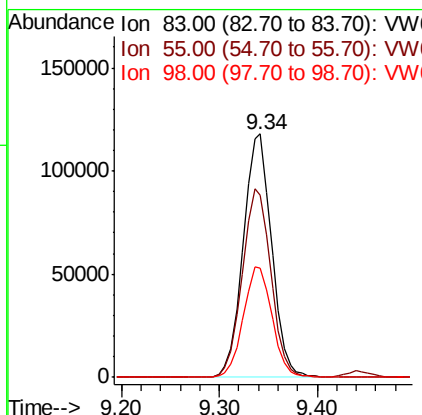
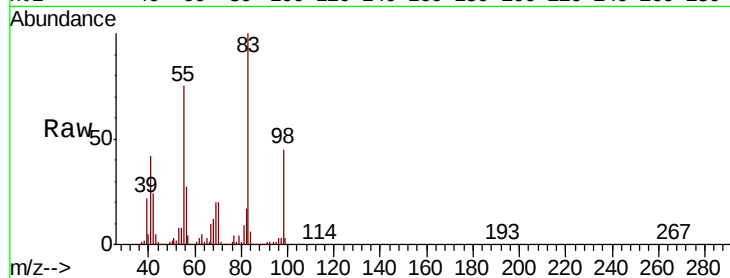
ClientSampleId :

VW0819SBS02

Tot Ion:	83	Resp:	238041
Ion Ratio	Lower	Upper	
83	100		
55	74.6	62.4	93.6
98	44.8	36.5	54.7

Manual Integrations
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#40

Benzene

Concen: 20.92 ug/l

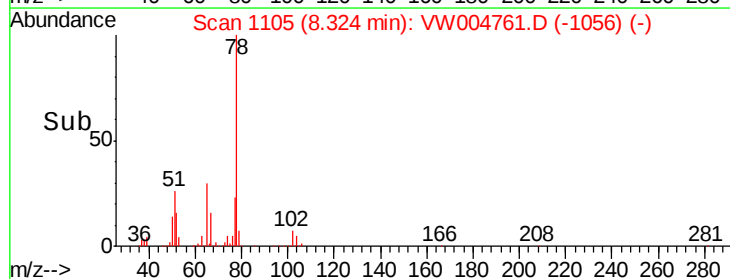
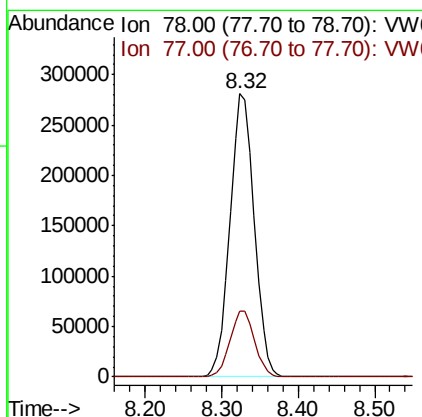
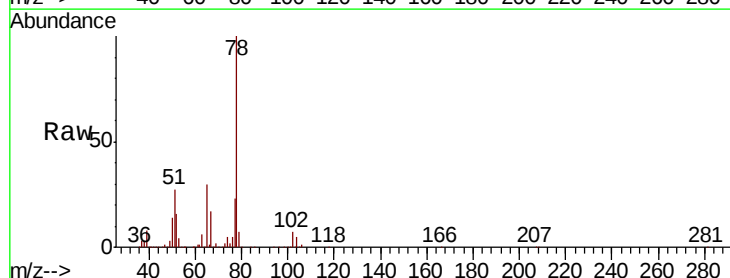
RT: 8.32 min Scan# 1105

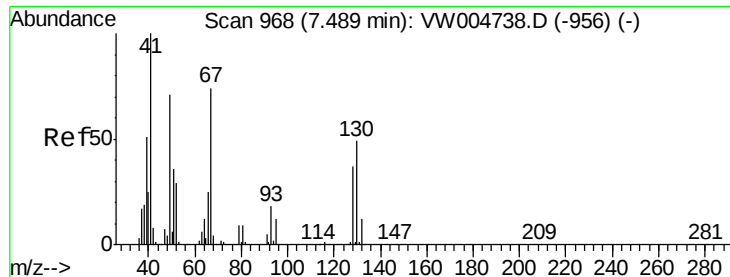
Delta R.T. 0.00 min

Lab File: VW004761.D

Acq: 18 Aug 2018 05:39

Tgt Ion:	78	Resp:	616574
Ion Ratio	Lower	Upper	
78	100		
77	23.2	19.0	28.6





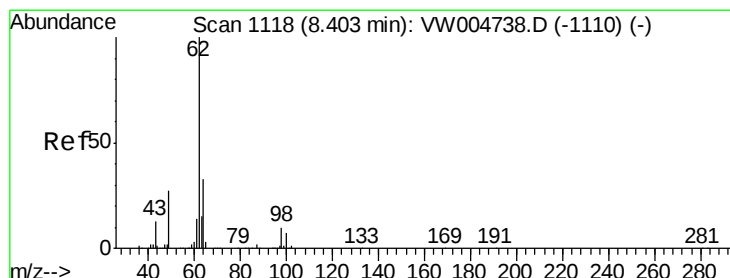
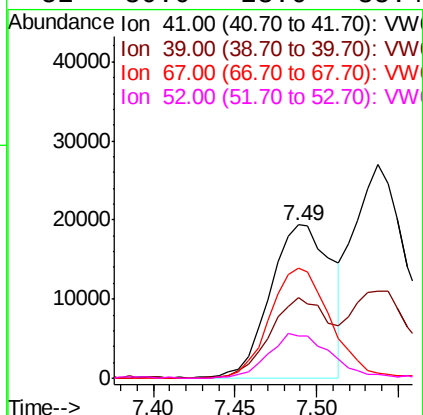
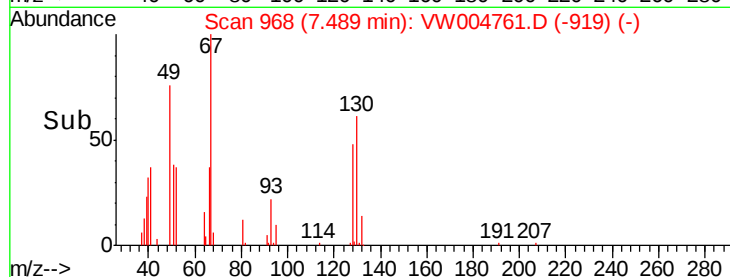
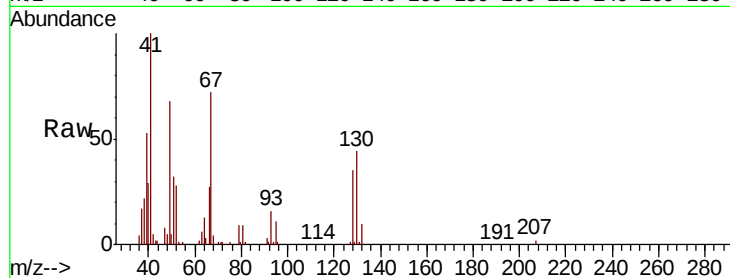
#41
Methacrylonitrile
Concen: 22.13 ug/l
RT: 7.49 min Scan# 968
Delta R.T. 0.00 min
Lab File: VW004761.D
Acq: 18 Aug 2018 05:39

Instrument :
MSVOA_W
ClientSampleId :
VW0819SBS02

Tot Ion	Ion	Ratio	Resp	Lower	Upper
41	100				
39	51.2	41.0	61.4		
67	71.7	59.5	89.3		
52	30.0	23.6	35.4		

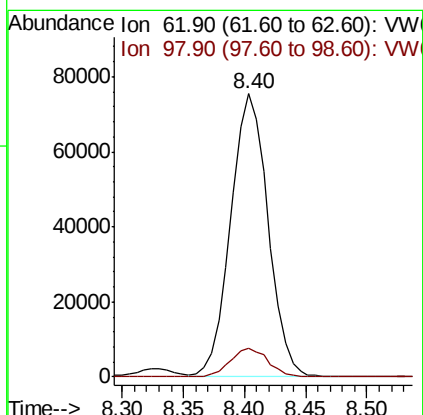
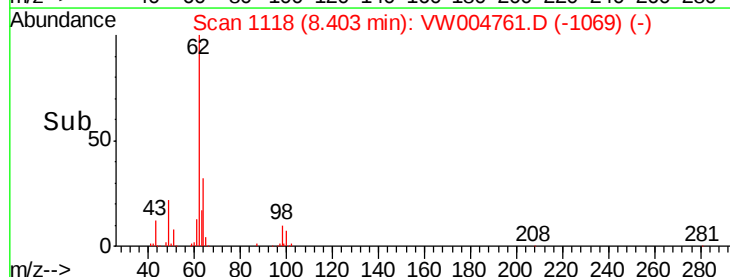
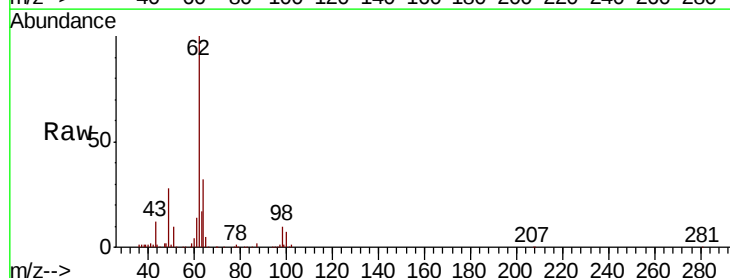
Manual Integrations
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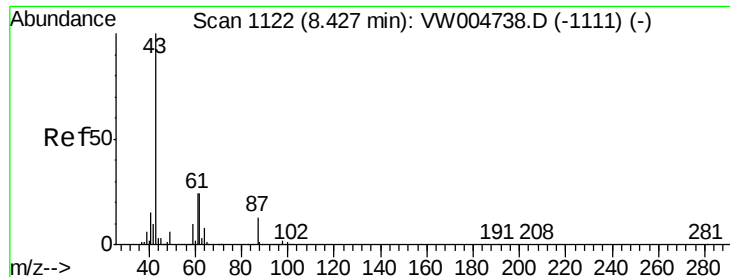
apatel
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#42
1,2-Dichloroethane
Concen: 21.14 ug/l
RT: 8.40 min Scan# 1118
Delta R.T. 0.00 min
Lab File: VW004761.D
Acq: 18 Aug 2018 05:39

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
62	100				
98	10.3	0.0	20.2		





#43

Isopropyl Acetate

Concen: 20.53 ug/l

RT: 8.43 min Scan# 1122

Delta R.T. 0.00 min

Lab File: VW004761.D

Acq: 18 Aug 2018 05:39

Instrument :

MSVOA_W

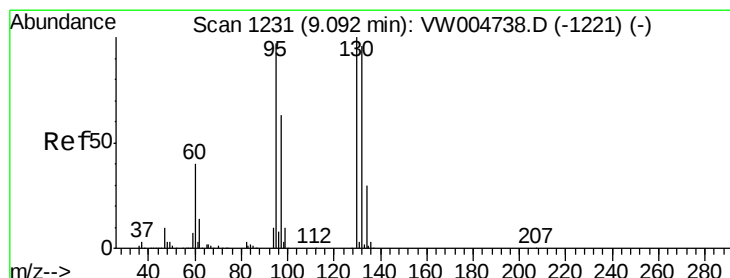
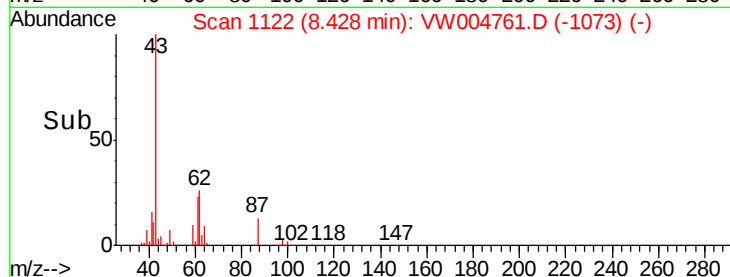
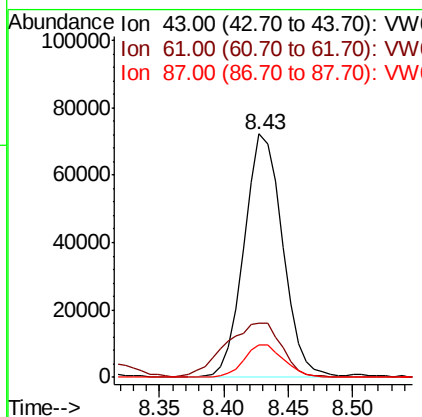
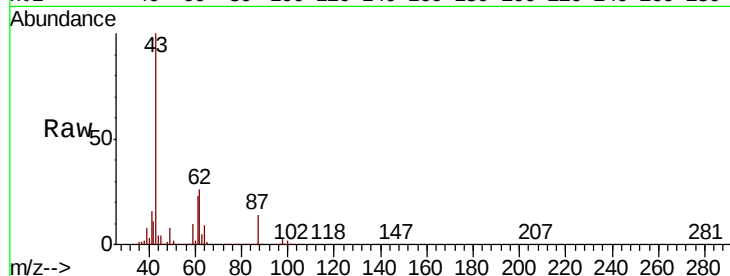
ClientSampleId :

VW0819SBS02

Tot Ion:	43	Resp:	149079
Ion	Ratio	Lower	Upper
43	100		
61	32.8	26.2	39.4
87	13.9	10.9	16.3

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#44

Trichloroethene

Concen: 20.07 ug/l

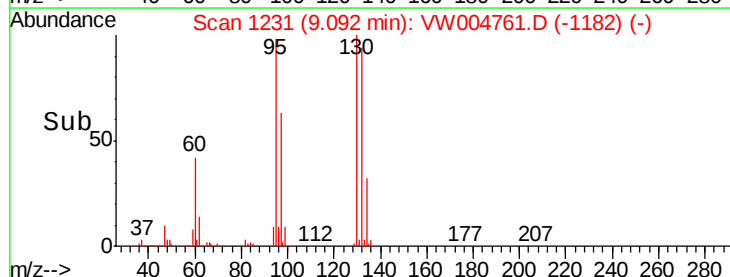
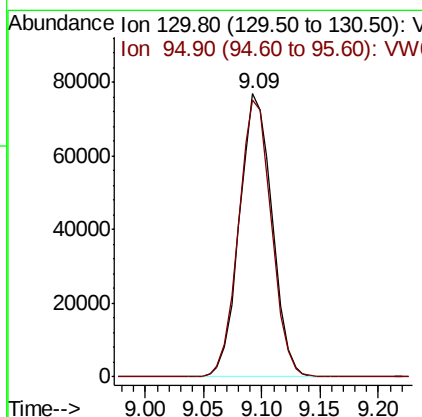
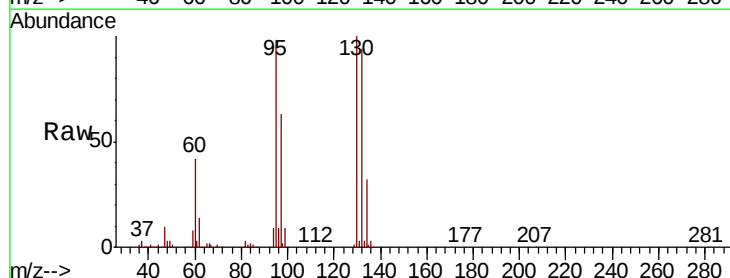
RT: 9.09 min Scan# 1231

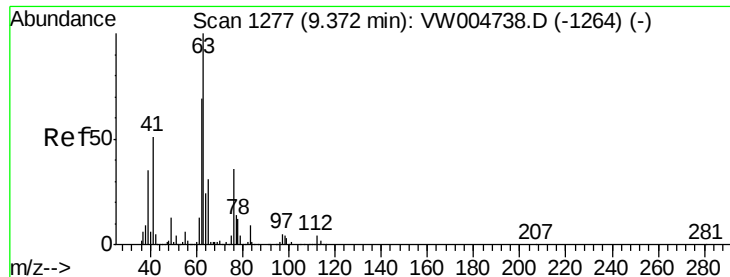
Delta R.T. 0.00 min

Lab File: VW004761.D

Acq: 18 Aug 2018 05:39

Tgt Ion:	130	Resp:	150206
Ion	Ratio	Lower	Upper
130	100		
95	97.9	0.0	194.4





#45

1,2-Dichloropropane

Concen: 21.01 ug/l

RT: 9.37 min Scan# 1277

Delta R.T. 0.00 min

Lab File: VW004761.D

Acq: 18 Aug 2018 05:39

Instrument :

MSVOA_W

ClientSampleId :

VW0819SBS02

Tot Ion: 63 Resp: 151499

Ion Ratio Lower Upper

63 100

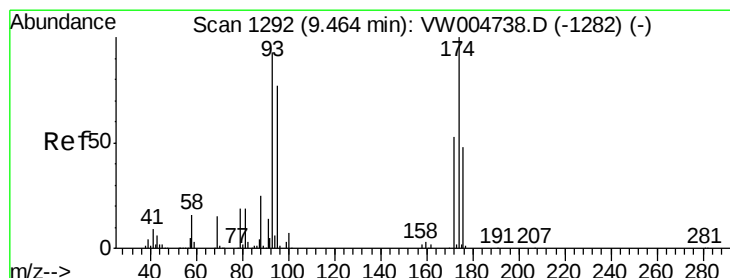
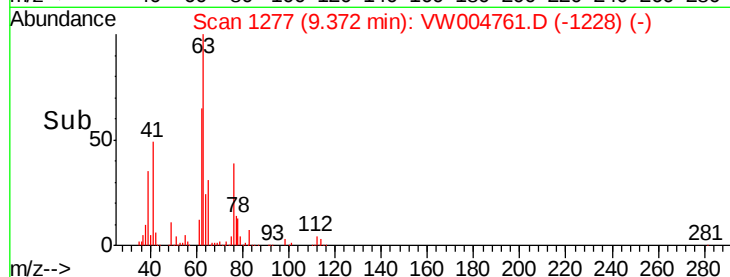
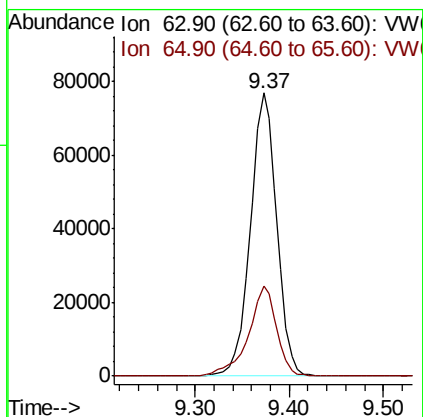
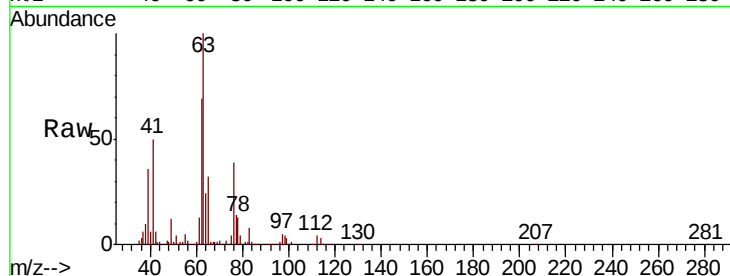
65 31.6 24.6 37.0

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#46

Dibromomethane

Concen: 20.65 ug/l

RT: 9.46 min Scan# 1292

Delta R.T. 0.00 min

Lab File: VW004761.D

Acq: 18 Aug 2018 05:39

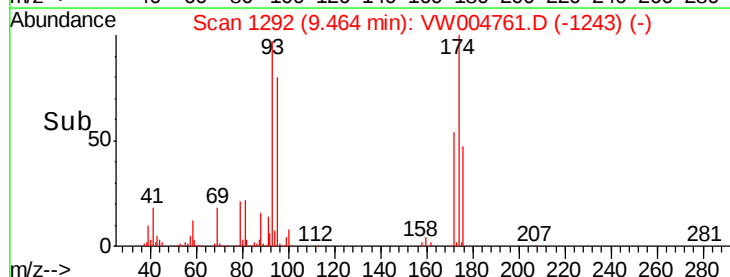
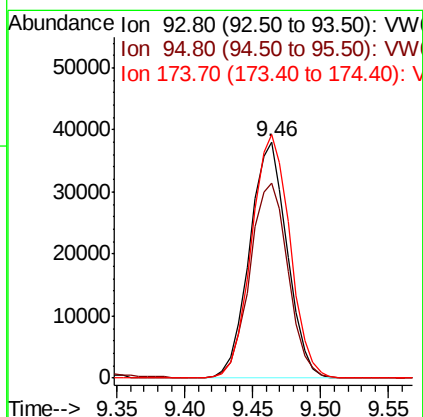
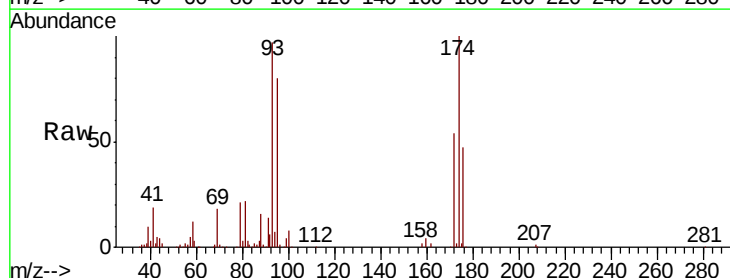
Tgt Ion: 93 Resp: 73754

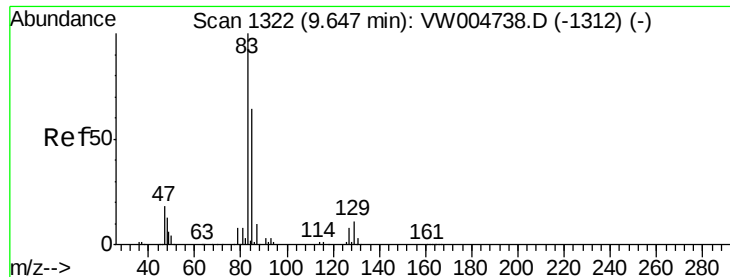
Ion Ratio Lower Upper

93 100

95 84.1 66.6 99.8

174 105.6 85.3 127.9





#47

Bromodichloromethane

Concen: 20.59 ug/l

RT: 9.65 min Scan# 1322

Delta R.T. 0.00 min

Lab File: VW004761.D

Acq: 18 Aug 2018 05:39

Instrument :

MSVOA_W

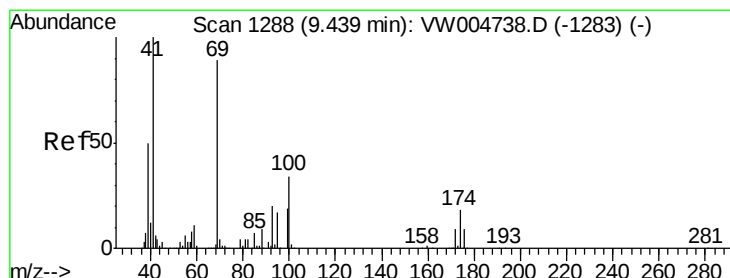
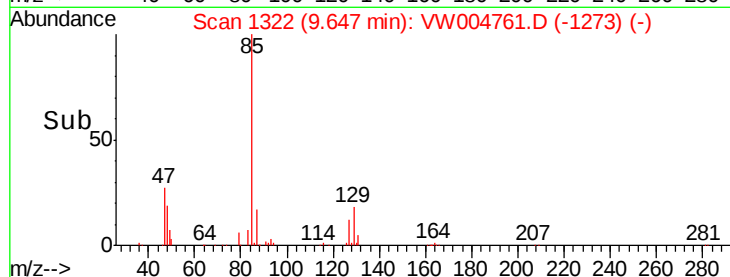
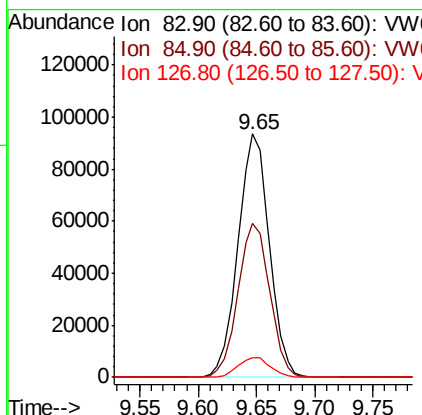
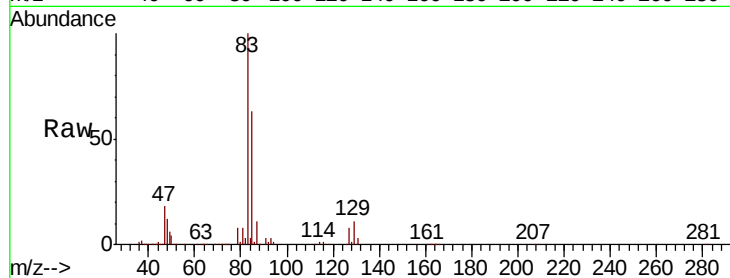
ClientSampleId :

VW0819SBS02

Tot Ion:	83	Resp:	175673
Ion	Ratio	Lower	Upper
83	100		
85	63.5	51.2	76.8
127	7.9	6.7	10.1

Manual Integrations
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#48

Methyl methacrylate

Concen: 20.22 ug/l

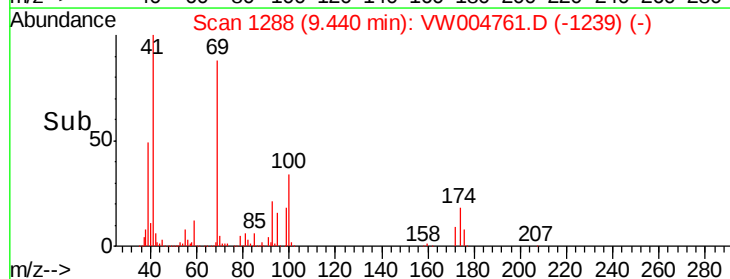
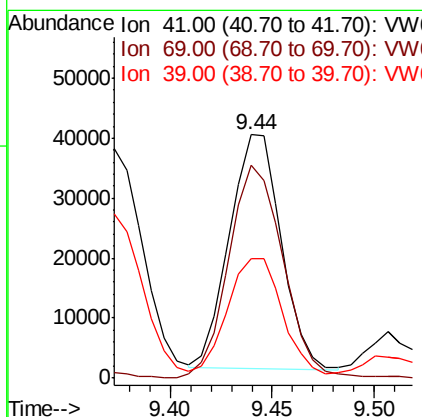
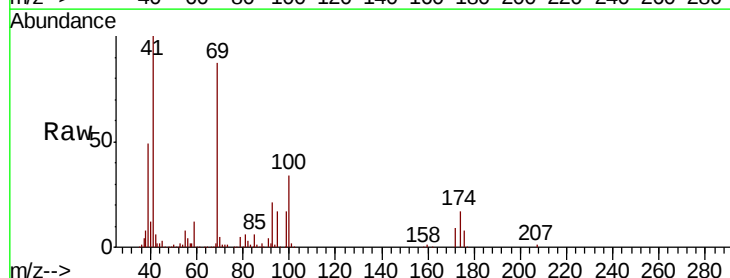
RT: 9.44 min Scan# 1288

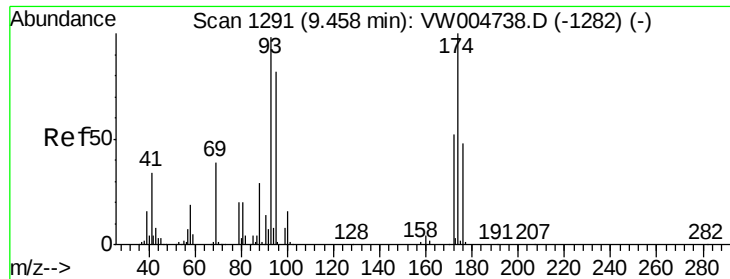
Delta R.T. 0.00 min

Lab File: VW004761.D

Acq: 18 Aug 2018 05:39

Tgt Ion:	41	Resp:	68926
Ion	Ratio	Lower	Upper
41	100		
69	95.8	75.2	112.8
39	51.5	39.8	59.6





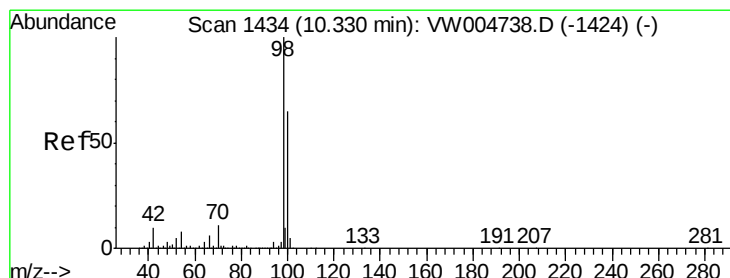
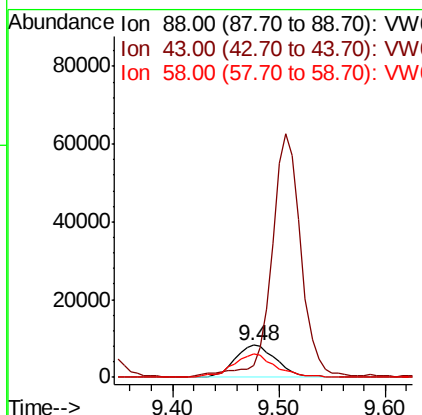
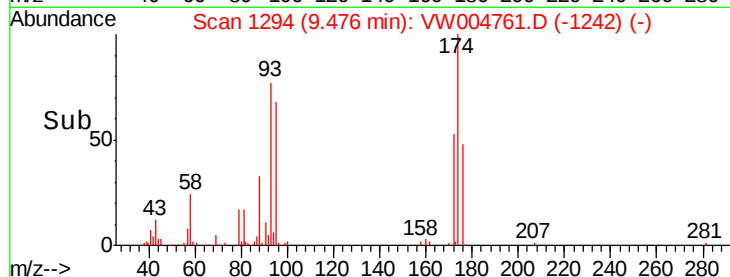
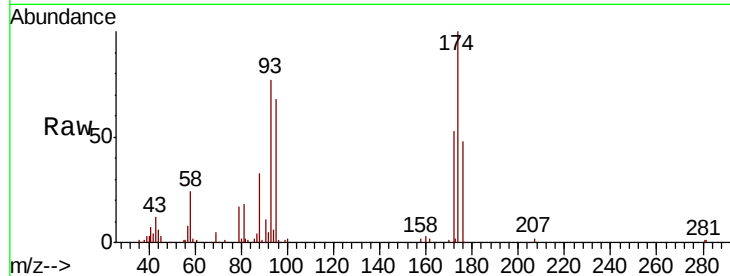
#49
1,4-Dioxane
Concen: 428.81 ug/l
RT: 9.48 min Scan# 1294
Delta R.T. 0.02 min
Lab File: VW004761.D
Acq: 18 Aug 2018 05:39

Instrument :
MSVOA_W
ClientSampleId :
VW0819SBS02

Tot Ion	Ratio	Lower	Upper
88	100		
43	0.0	22.9	34.3#
58	75.7	60.0	90.0

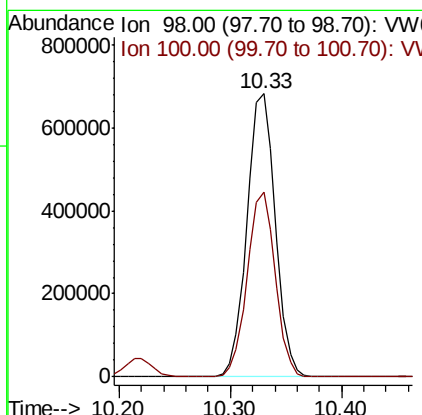
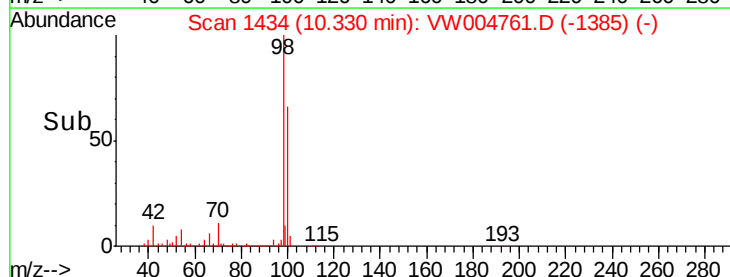
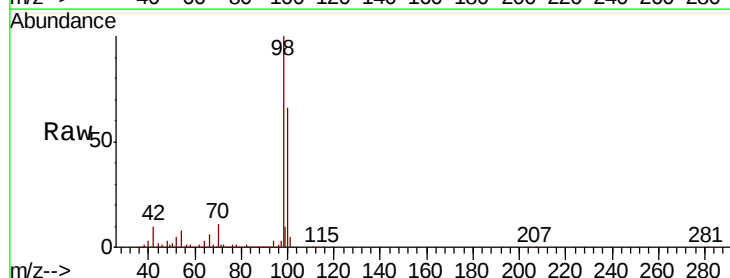
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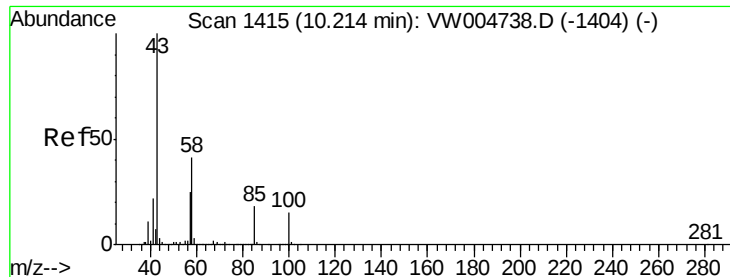
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#50
Toluene-d8
Concen: 49.26 ug/l
RT: 10.33 min Scan# 1434
Delta R.T. 0.00 min
Lab File: VW004761.D
Acq: 18 Aug 2018 05:39

Tgt Ion	Ratio	Lower	Upper
98	100		
100	64.7	51.8	77.8





#51

4-Methyl-2-Pentanone

Concen: 103.93 ug/l

RT: 10.21 min Scan# 1415

Delta R.T. 0.00 min

Lab File: VW004761.D

Acq: 18 Aug 2018 05:39

Instrument :

MSVOA_W

ClientSampleId :

VW0819SBS02

Tot Ion: 43 Resp: 510189

Ion Ratio Lower Upper

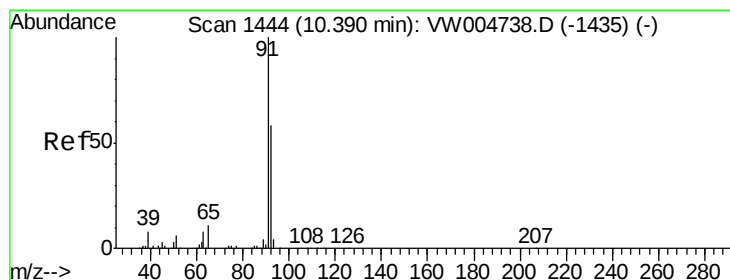
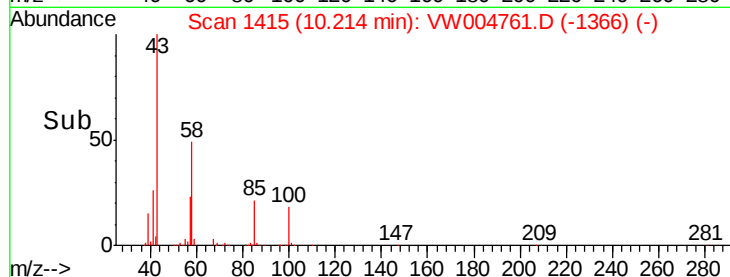
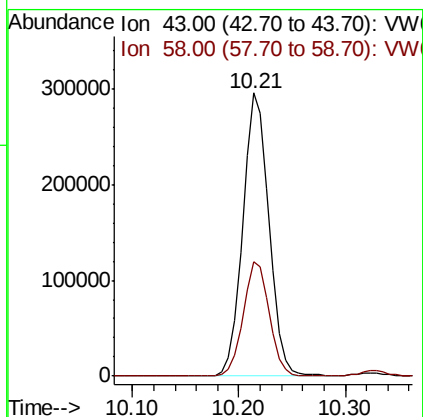
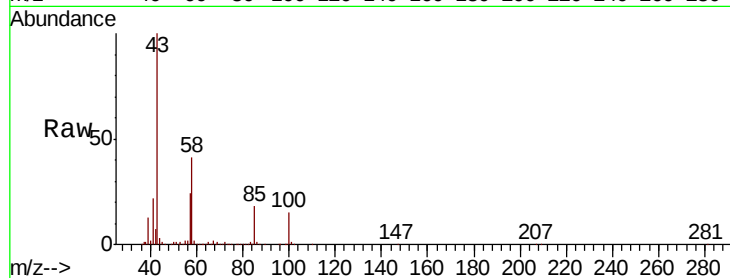
43 100

58 40.5 32.7 49.1

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#52

Toluene

Concen: 20.95 ug/l

RT: 10.39 min Scan# 1444

Delta R.T. 0.00 min

Lab File: VW004761.D

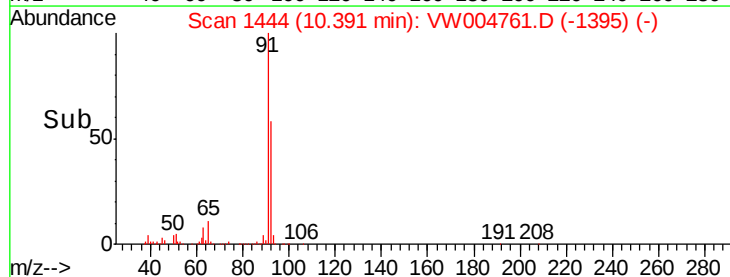
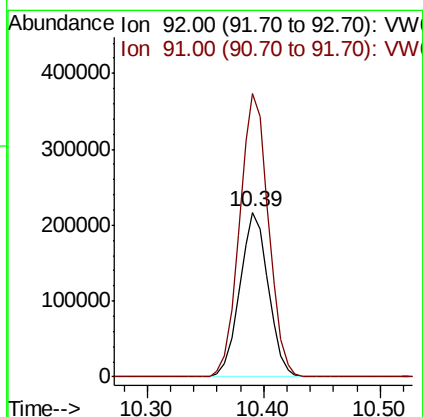
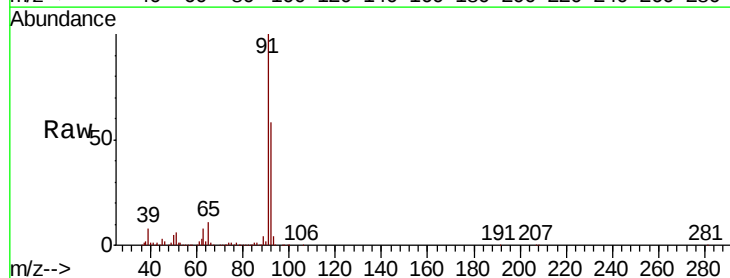
Acq: 18 Aug 2018 05:39

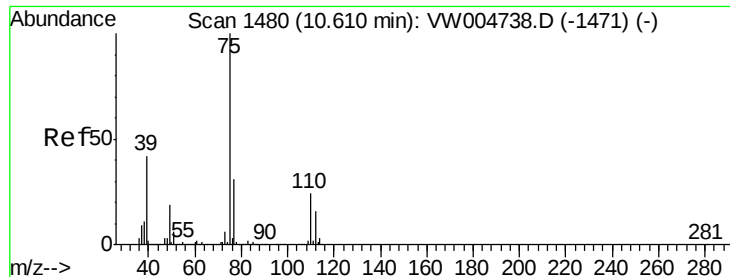
Tgt Ion: 92 Resp: 370412

Ion Ratio Lower Upper

92 100

91 174.5 138.3 207.5





#53

t-1,3-Dichloropropene

Concen: 19.62 ug/l

RT: 10.61 min Scan# 1480

Delta R.T. 0.00 min

Lab File: VW004761.D

Acq: 18 Aug 2018 05:39

Instrument :

MSVOA_W

ClientSampleId :

VW0819SBS02

Tot Ion: 75 Resp: 168646

Ion Ratio Lower Upper

75 100

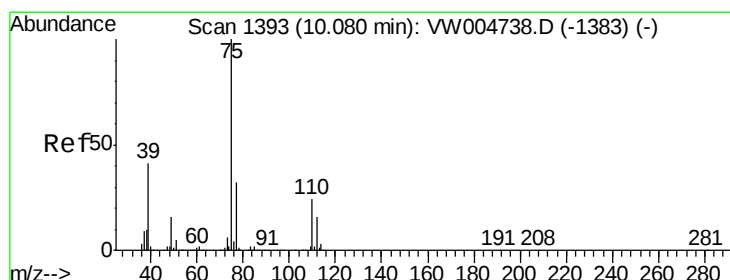
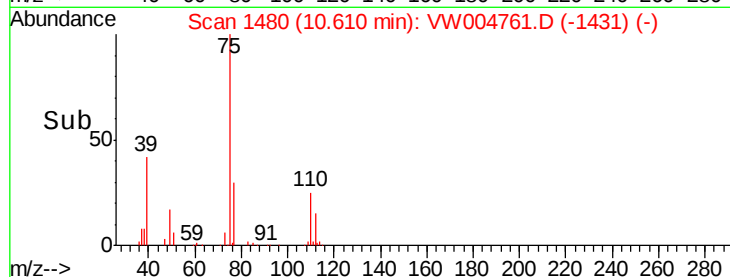
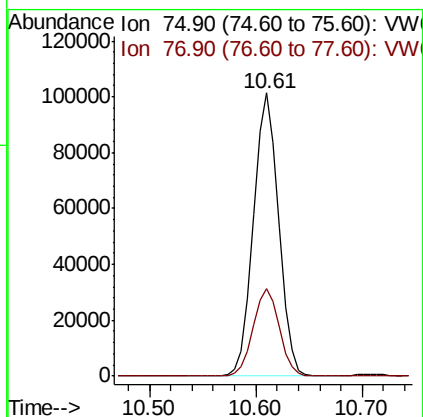
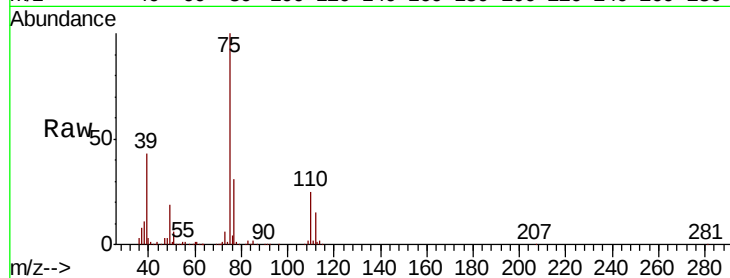
77 30.5 24.8 37.2

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#54

cis-1,3-Dichloropropene

Concen: 19.72 ug/l

RT: 10.07 min Scan# 1392

Delta R.T. -0.01 min

Lab File: VW004761.D

Acq: 18 Aug 2018 05:39

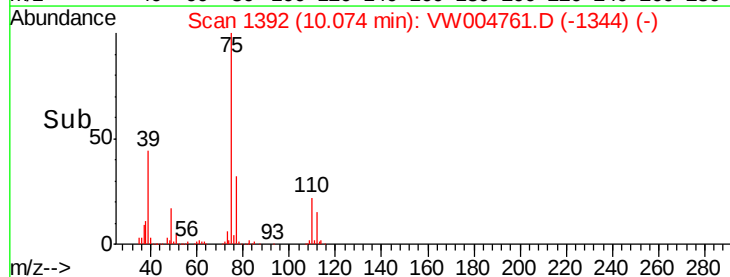
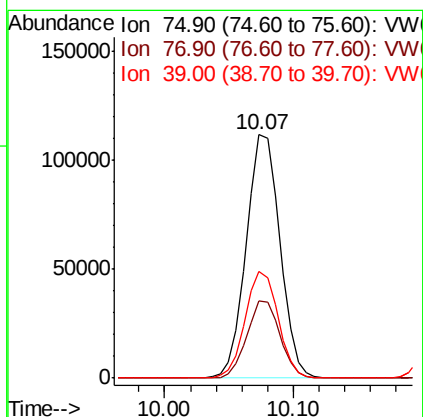
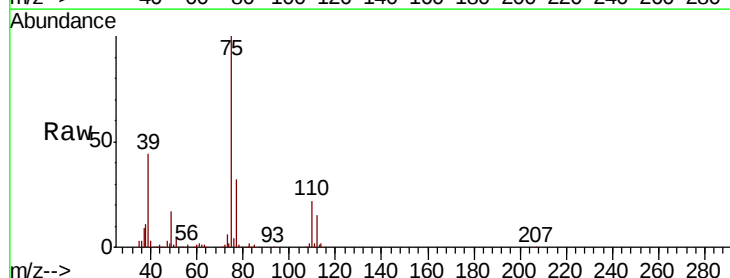
Tgt Ion: 75 Resp: 202061

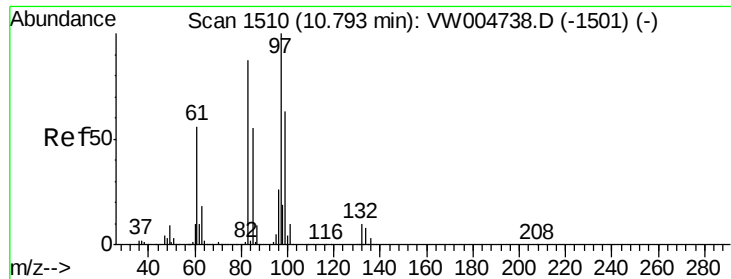
Ion Ratio Lower Upper

75 100

77 31.7 25.6 38.4

39 43.5 33.0 49.4





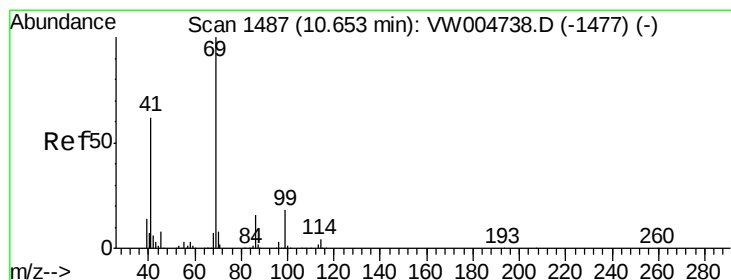
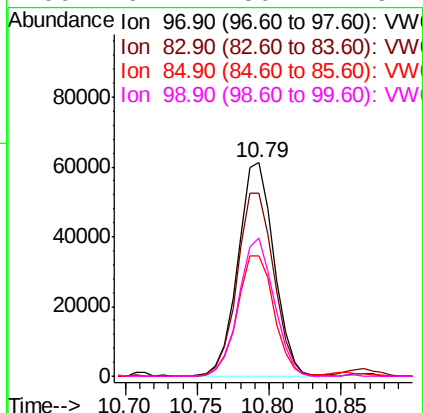
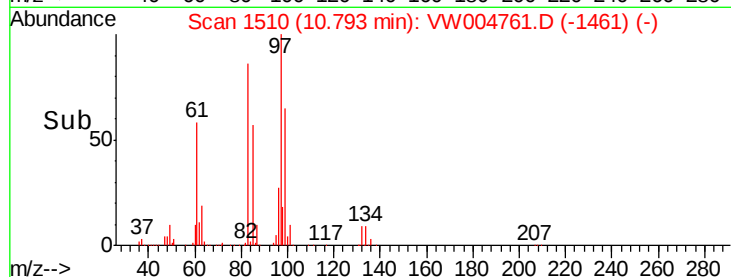
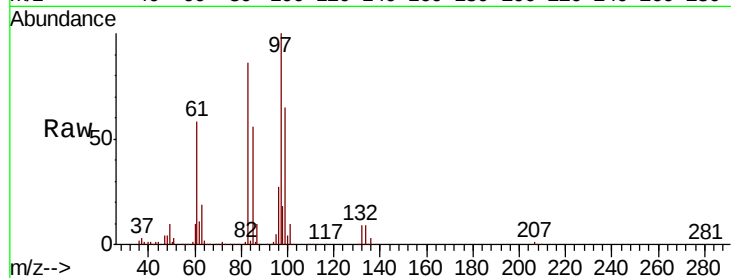
#55
 1,1,2-Trichloroethane
 Concen: 20.91 ug/l
 RT: 10.79 min Scan# 1510
 Delta R.T. 0.00 min
 Lab File: VW004761.D
 Acq: 18 Aug 2018 05:39

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0819SBS02

Tot Ion	Ratio	Lower	Upper
97	100		
83	85.7	69.4	104.2
85	56.5	44.3	66.5
99	64.4	50.2	75.2

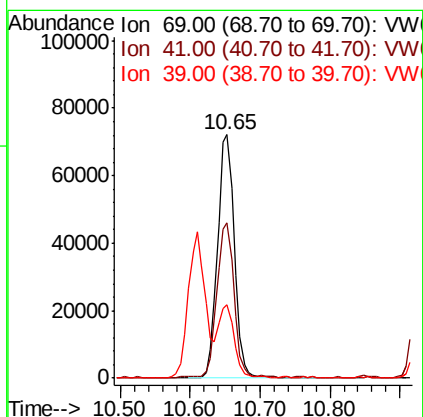
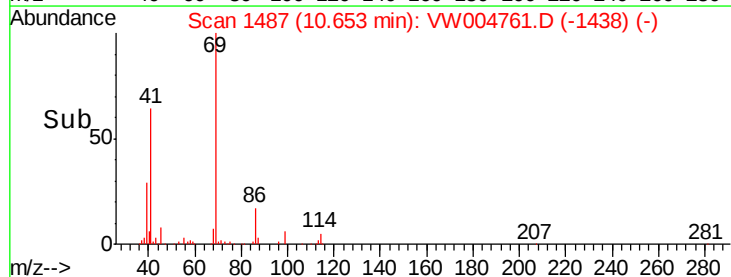
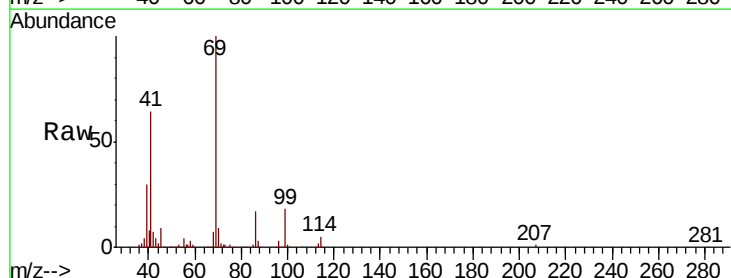
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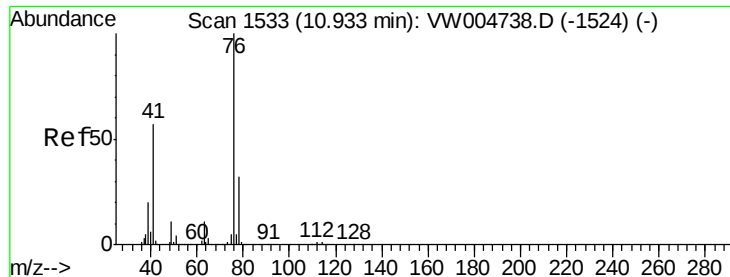
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#56
 Ethyl methacrylate
 Concen: 20.18 ug/l
 RT: 10.65 min Scan# 1487
 Delta R.T. 0.00 min
 Lab File: VW004761.D
 Acq: 18 Aug 2018 05:39

Tgt Ion	Ratio	Lower	Upper
69	100		
41	64.4	50.7	76.1
39	26.9	21.4	32.2





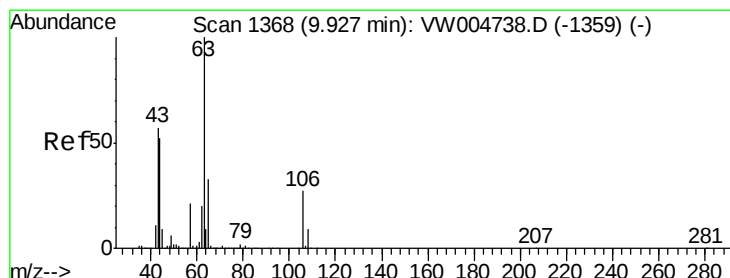
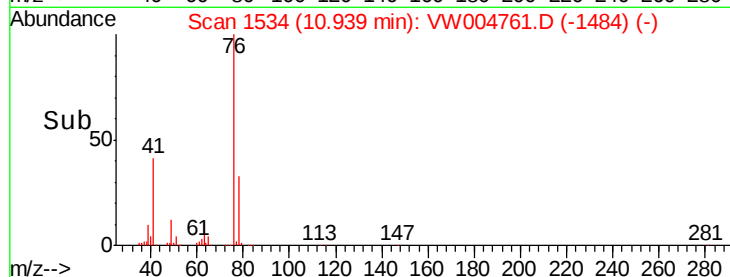
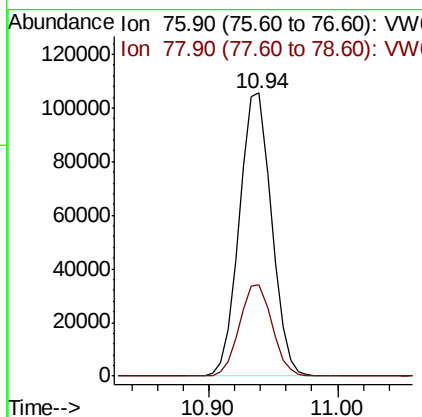
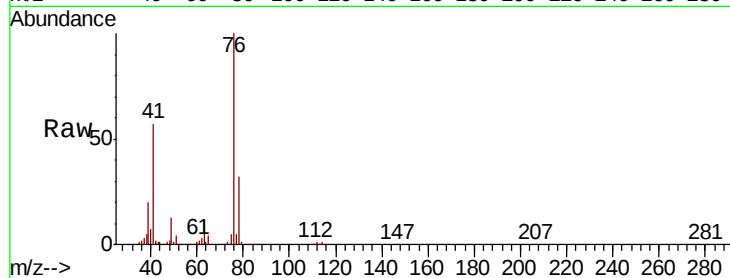
#57
 1,3-Dichloropropane
 Concen: 20.86 ug/l
 RT: 10.94 min Scan# 1534
 Delta R.T. 0.01 min
 Lab File: VW004761.D
 Acq: 18 Aug 2018 05:39

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0819SBS02

Tot Ion	Ratio	Lower	Upper
76	100		
78	32.9	25.9	38.9

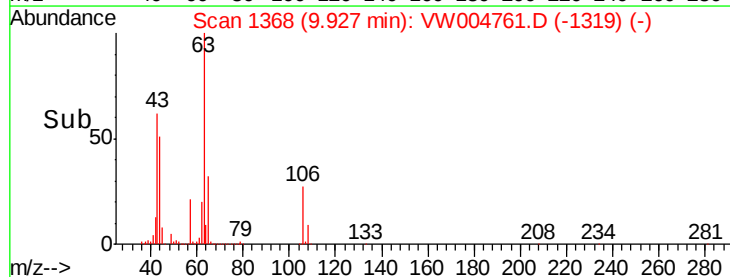
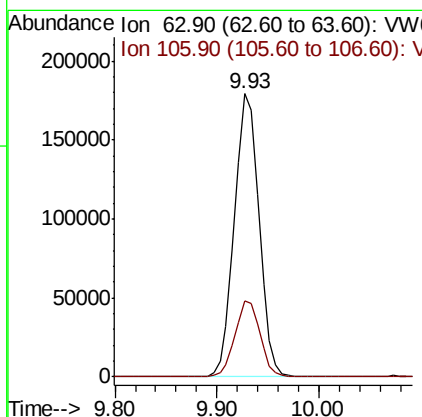
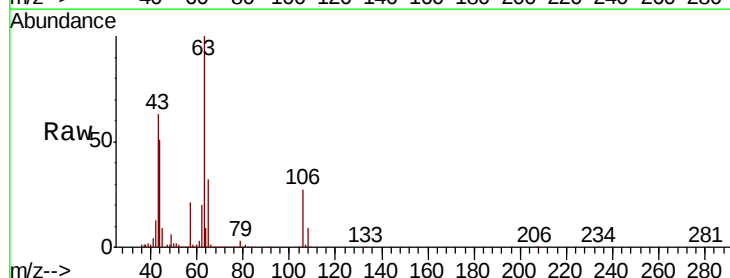
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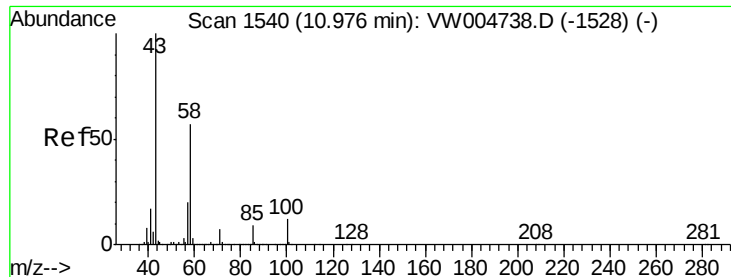
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#58
 2-Chloroethyl Vinyl ether
 Concen: 106.63 ug/l
 RT: 9.93 min Scan# 1368
 Delta R.T. 0.00 min
 Lab File: VW004761.D
 Acq: 18 Aug 2018 05:39

Tgt Ion	Ratio	Lower	Upper
63	100		
106	27.2	22.1	33.1





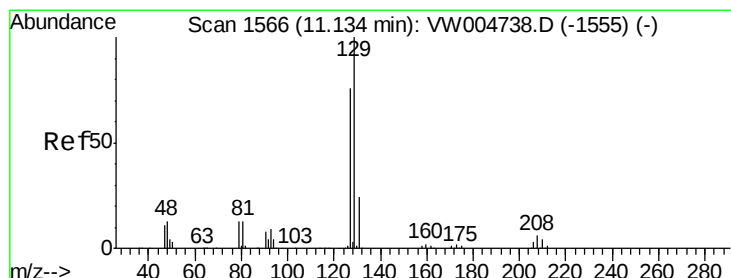
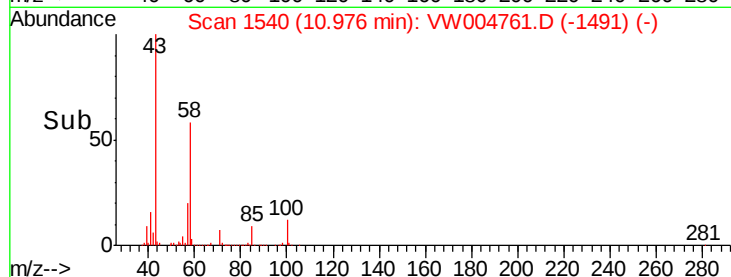
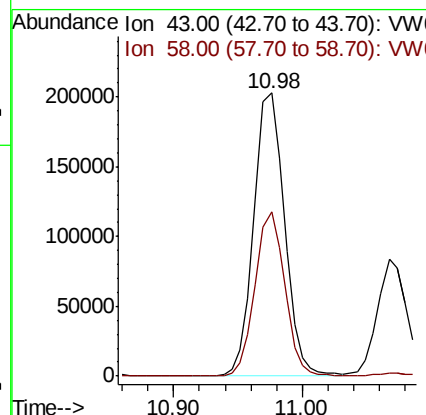
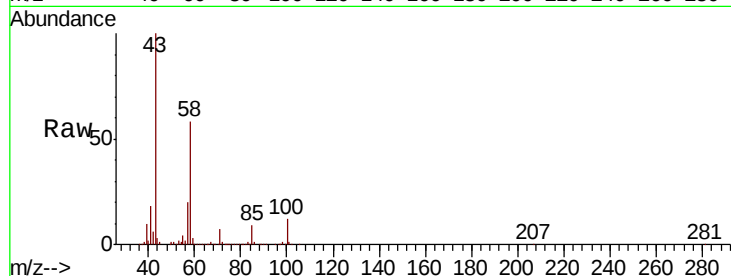
#59
2-Hexanone
Concen: 100.57 ug/l
RT: 10.98 min Scan# 1540
Delta R.T. 0.00 min
Lab File: VW004761.D
Acq: 18 Aug 2018 05:39

Instrument :
MSVOA_W
ClientSampleId :
VW0819SBS02

Tot Ion	Ratio	Lower	Upper
43	100		
58	56.2	28.1	84.4

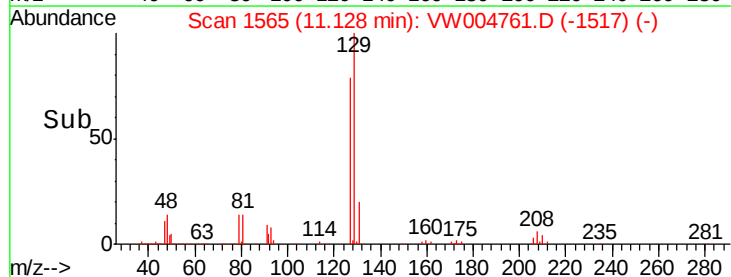
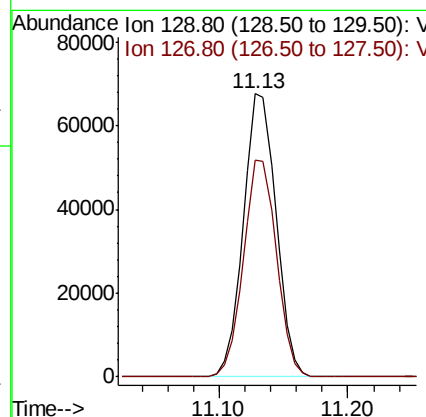
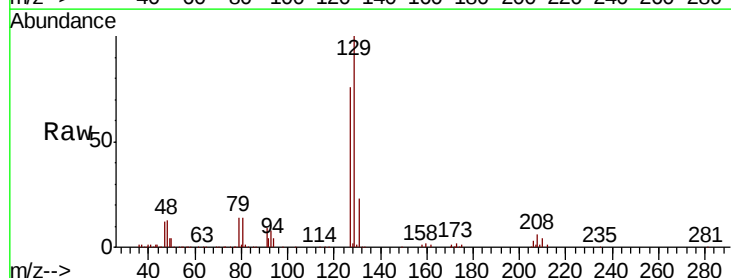
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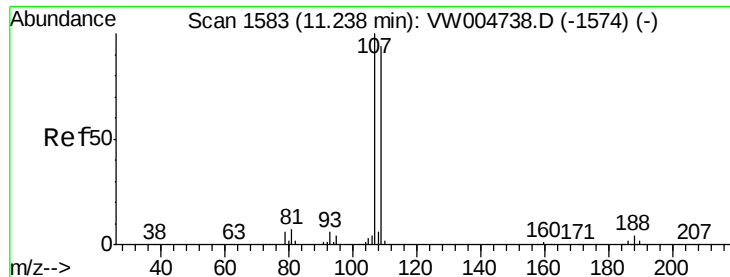
apatel
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#60
Dibromochloromethane
Concen: 20.84 ug/l
RT: 11.13 min Scan# 1565
Delta R.T. -0.01 min
Lab File: VW004761.D
Acq: 18 Aug 2018 05:39

Tgt Ion	Ratio	Lower	Upper
129	100		
127	77.3	38.5	115.5





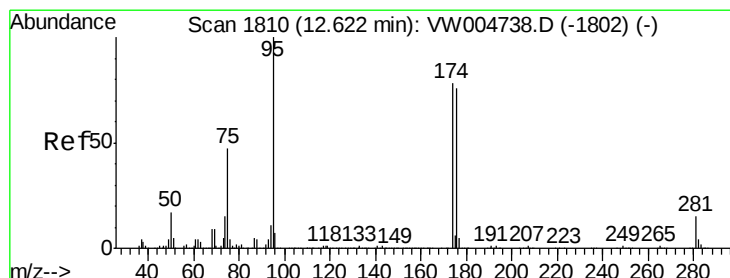
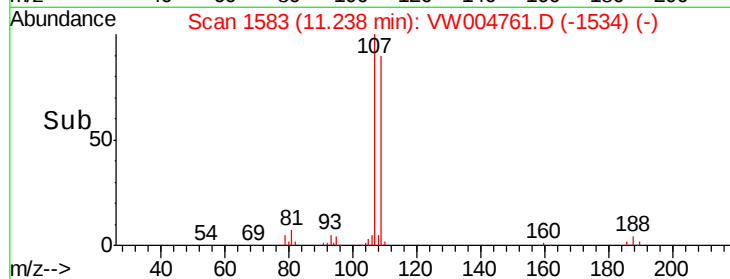
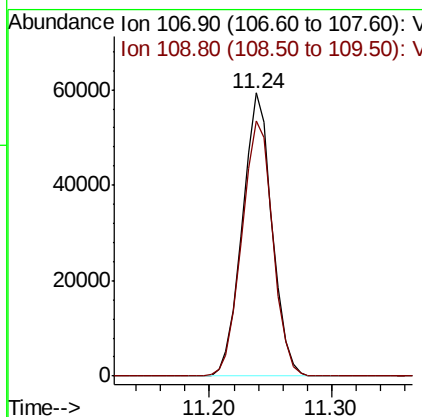
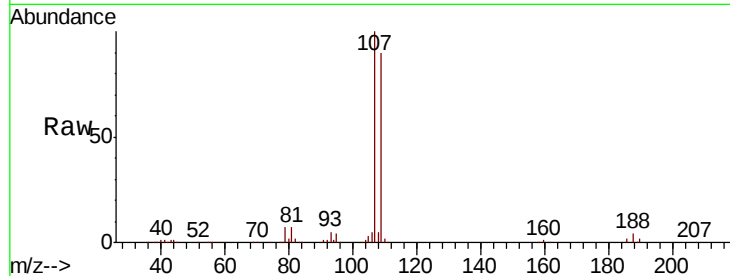
#61
 1,2-Dibromoethane
 Concen: 20.61 ug/l
 RT: 11.24 min Scan# 1583
 Delta R.T. 0.00 min
 Lab File: VW004761.D
 Acq: 18 Aug 2018 05:39

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0819SBS02

Tot Ion	Ratio	Lower	Upper
107	100		
109	94.0	75.5	113.3

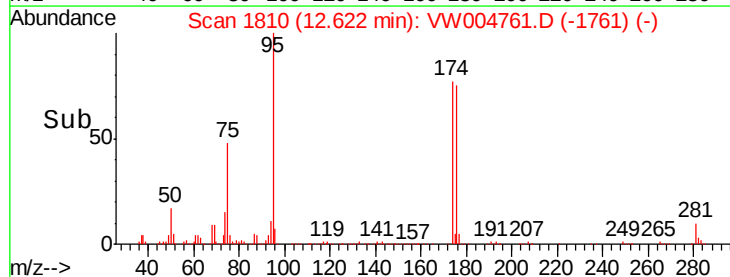
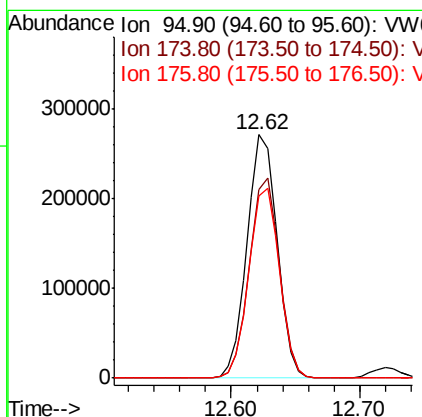
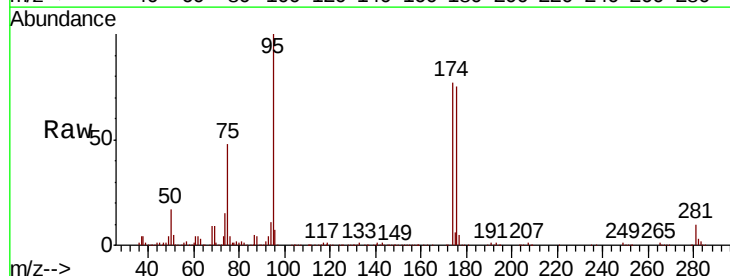
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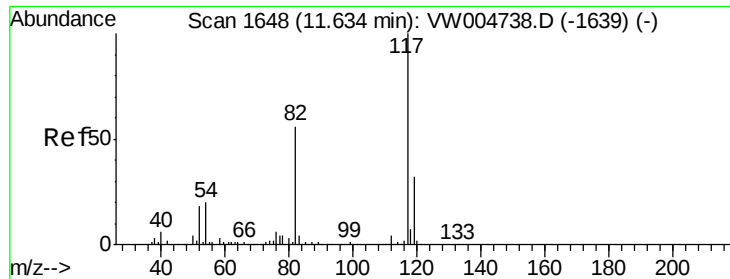
apatel
 8/20/2018 9:56:45 AM



#62
 4-Bromofluorobenzene
 Concen: 49.45 ug/l
 RT: 12.62 min Scan# 1810
 Delta R.T. 0.00 min
 Lab File: VW004761.D
 Acq: 18 Aug 2018 05:39

Tgt Ion	Ratio	Lower	Upper
95	100		
174	82.0	0.0	165.8
176	79.3	0.0	159.8





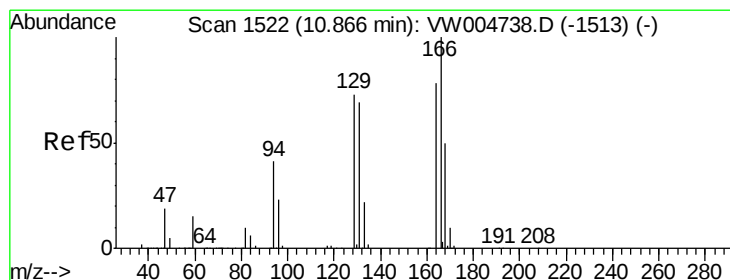
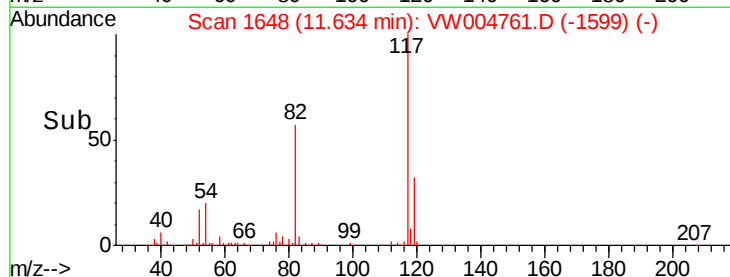
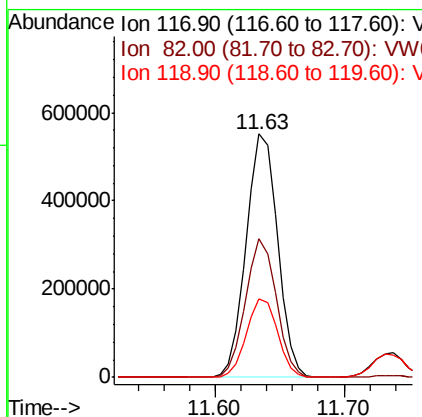
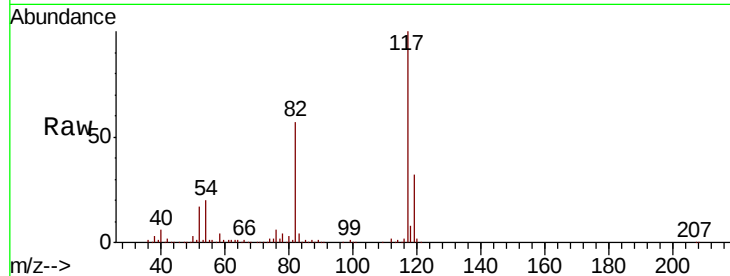
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.63 min Scan# 1648
Delta R.T. 0.00 min
Lab File: VW004761.D
Acq: 18 Aug 2018 05:39

Instrument :
MSVOA_W
ClientSampleId :
VW0819SBS02

Tot Ion	Ratio	Resp	Lower	Upper
117	100	929714		
82	56.9		44.6	67.0
119	32.3		25.6	38.4

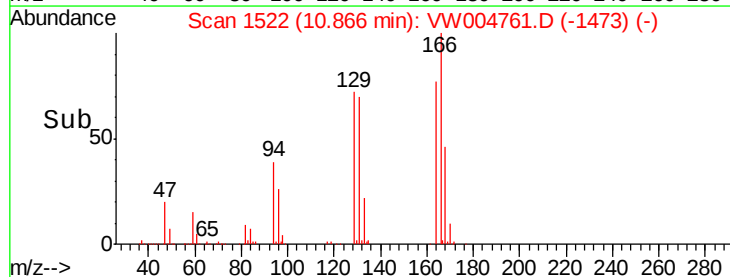
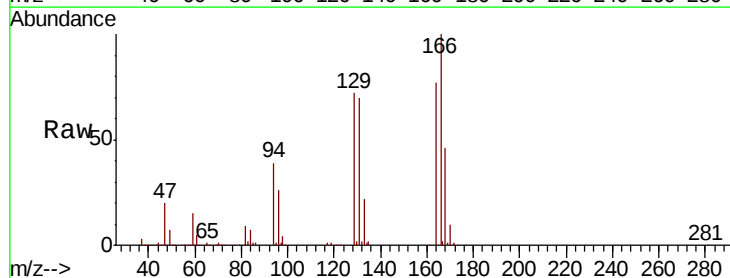
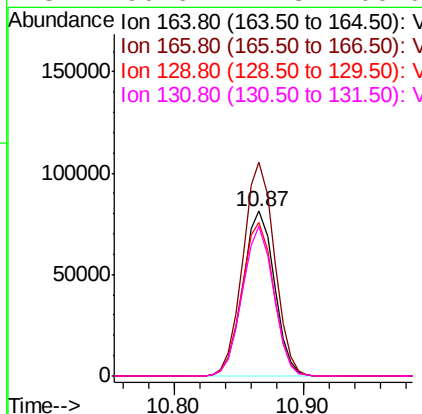
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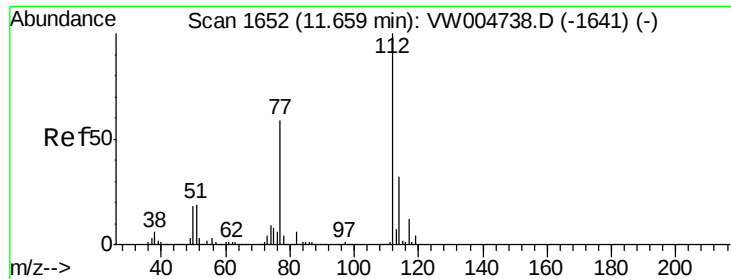
apatel
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#64
Tetrachloroethene
Concen: 21.62 ug/l
RT: 10.87 min Scan# 1522
Delta R.T. 0.00 min
Lab File: VW004761.D
Acq: 18 Aug 2018 05:39

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	137369		
166	129.5		102.5	153.7
129	93.1		75.1	112.7
131	90.6		71.3	106.9





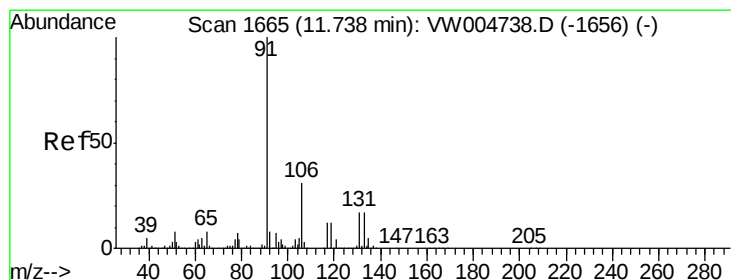
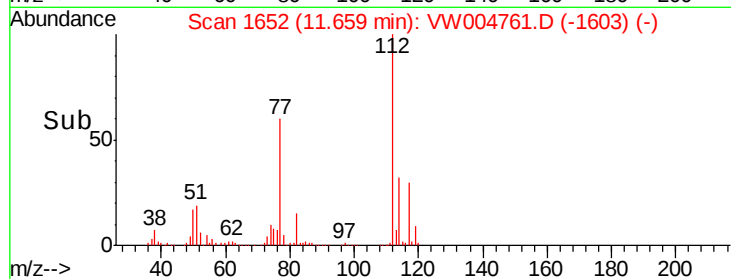
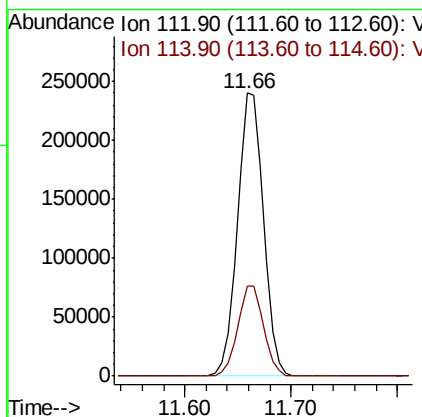
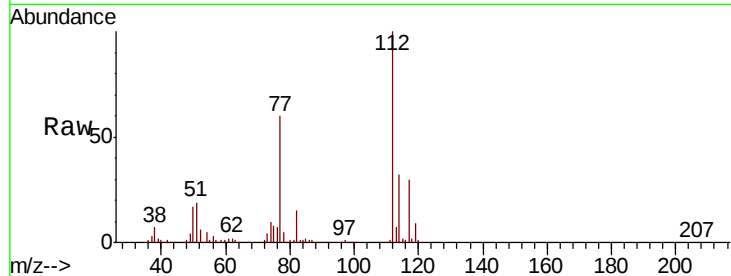
#65
Chlorobenzene
Concen: 20.56 ug/l
RT: 11.66 min Scan# 1652
Delta R.T. 0.00 min
Lab File: VW004761.D
Acq: 18 Aug 2018 05:39

Instrument :
MSVOA_W
ClientSampled :
VW0819SBS02

Tot Ion	Ratio	Lower	Upper
112	100		
114	31.8	25.4	38.2

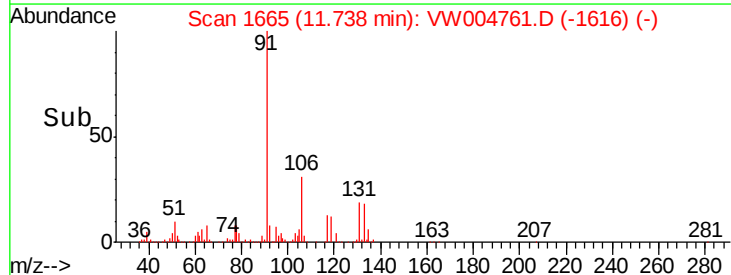
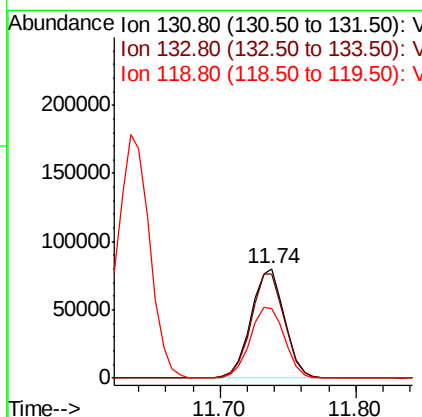
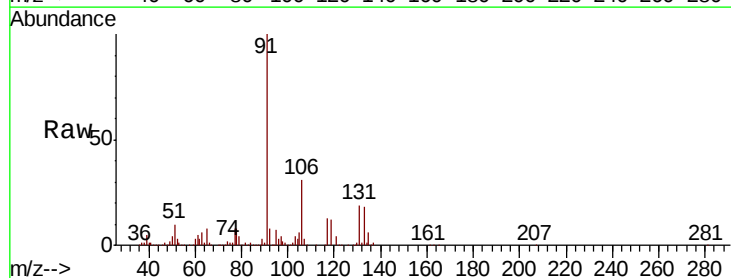
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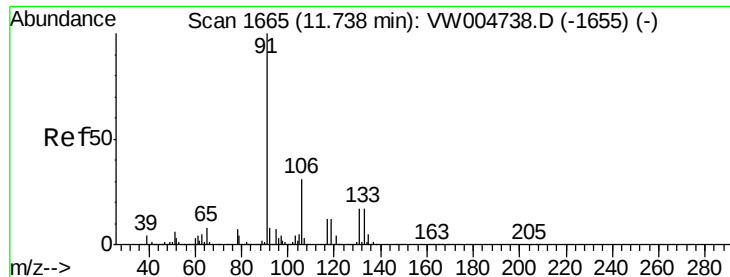
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#66
1,1,1,2-Tetrachloroethane
Concen: 20.34 ug/l
RT: 11.74 min Scan# 1665
Delta R.T. 0.00 min
Lab File: VW004761.D
Acq: 18 Aug 2018 05:39

Tgt Ion	Ratio	Lower	Upper
131	100		
133	96.0	48.2	144.6
119	67.1	34.0	102.0





#67

Ethyl Benzene

Concen: 20.29 ug/l

RT: 11.74 min Scan# 1665

Delta R.T. 0.00 min

Lab File: VW004761.D

Acq: 18 Aug 2018 05:39

Instrument :

MSVOA_W

ClientSampled :

VW0819SBS02

Tot Ion: 91 Resp: 688286

Ion Ratio Lower Upper

91 100

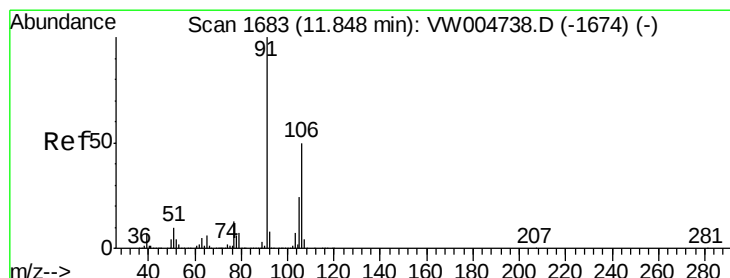
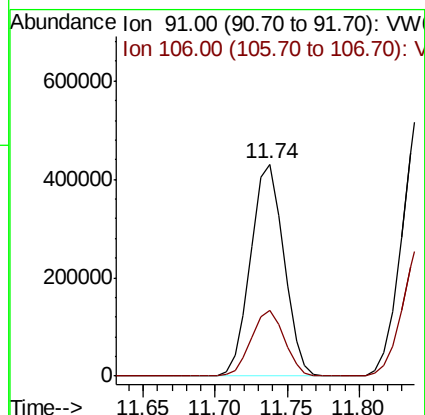
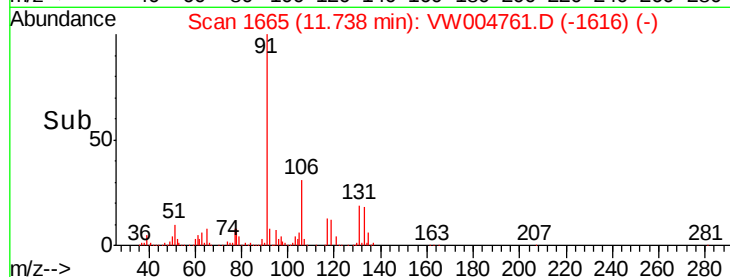
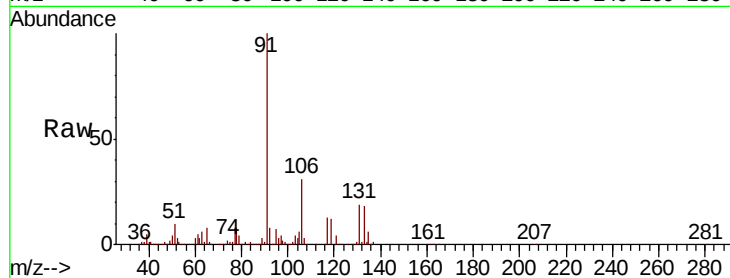
106 31.1 24.9 37.3

Manual Integrations

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#68

m/p-Xylenes

Concen: 41.16 ug/l

RT: 11.85 min Scan# 1683

Delta R.T. 0.00 min

Lab File: VW004761.D

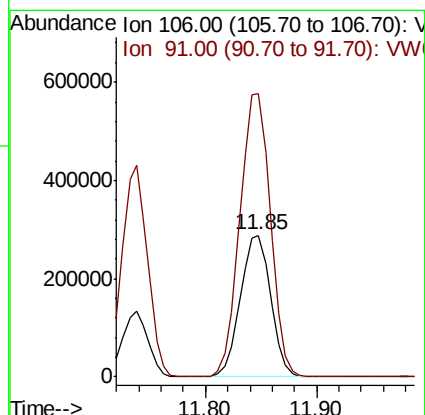
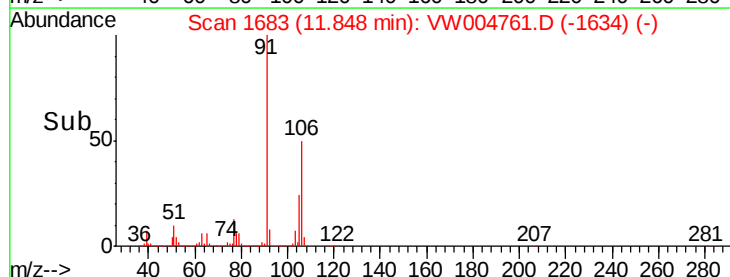
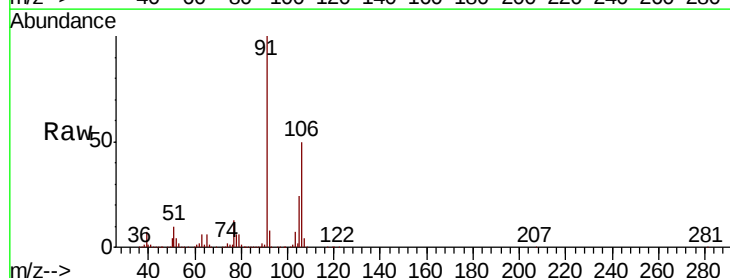
Acq: 18 Aug 2018 05:39

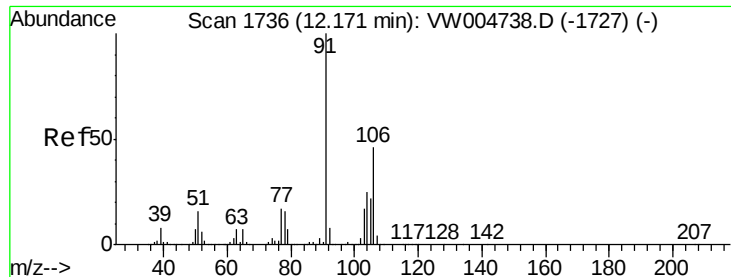
Tgt Ion: 106 Resp: 543209

Ion Ratio Lower Upper

106 100

91 201.9 159.9 239.9





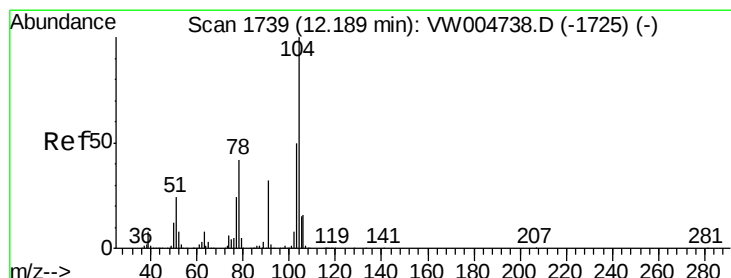
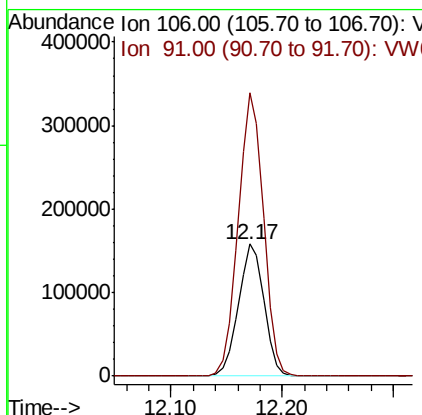
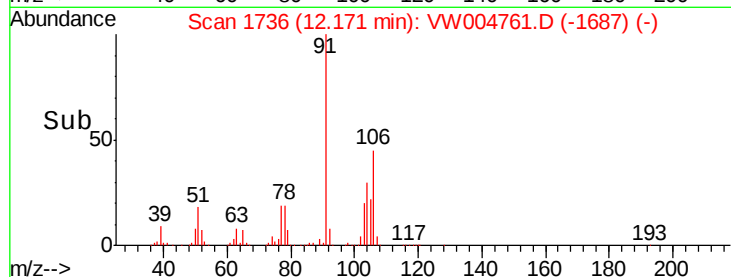
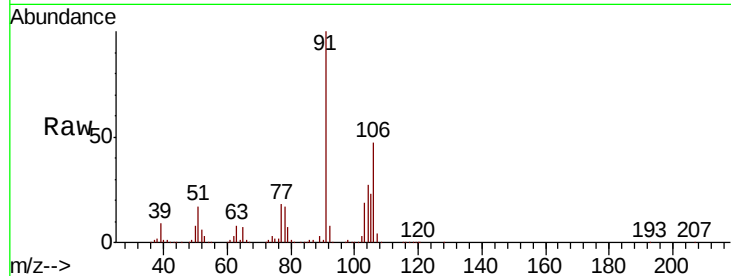
#69
o-Xylene
Concen: 20.50 ug/l
RT: 12.17 min Scan# 1736
Delta R.T. 0.00 min
Lab File: VW004761.D
Acq: 18 Aug 2018 05:39

Instrument :
MSVOA_W
ClientSampleId :
VW0819SBS02

Tot Ion	Ion	Ratio	Resp	Lower	Upper
106	106	100	250474		
91	91	212.7	107.3	321.8	

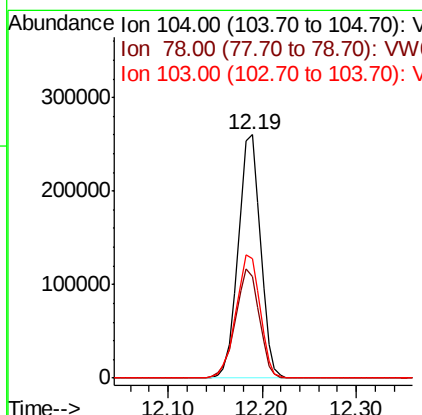
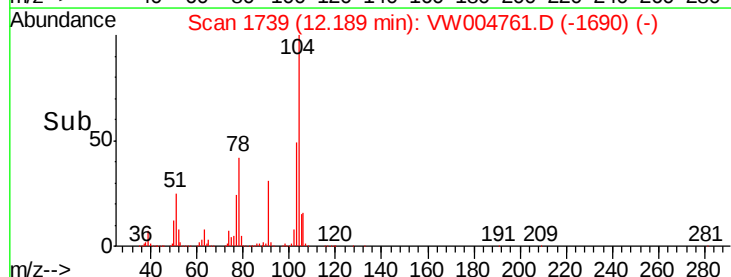
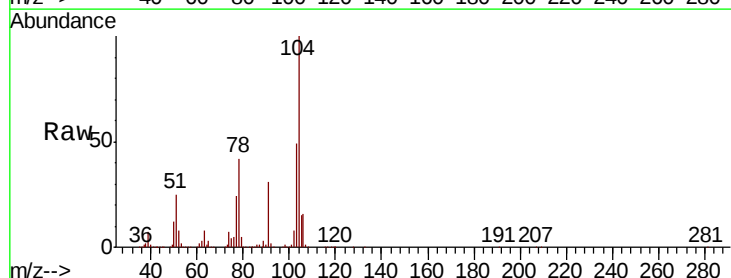
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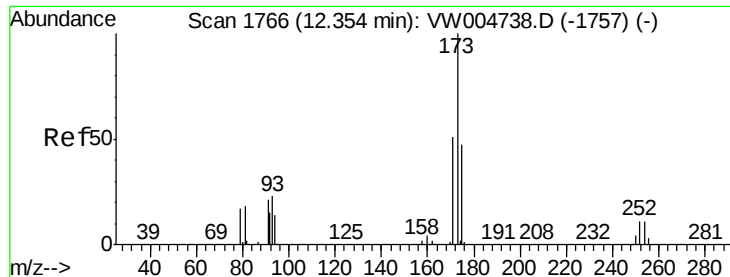
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#70
Styrene
Concen: 20.93 ug/l
RT: 12.19 min Scan# 1739
Delta R.T. 0.00 min
Lab File: VW004761.D
Acq: 18 Aug 2018 05:39

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
104	104	100	429552		
78	78	48.1	38.4	57.6	
103	103	54.9	44.1	66.1	





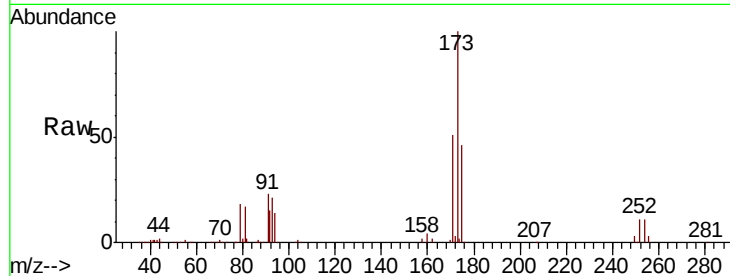
#71
Bromoform
Concen: 20.02 ug/l
RT: 12.35 min Scan# 1766
Delta R.T. 0.00 min
Lab File: VW004761.D
Acq: 18 Aug 2018 05:39

Instrument :
MSVOA_W
ClientSampleId :
VW0819SBS02

Tot Ion	Ratio	Lower	Upper
173	100		
175	48.5	23.8	71.4
254	0.0	0.1	0.1#

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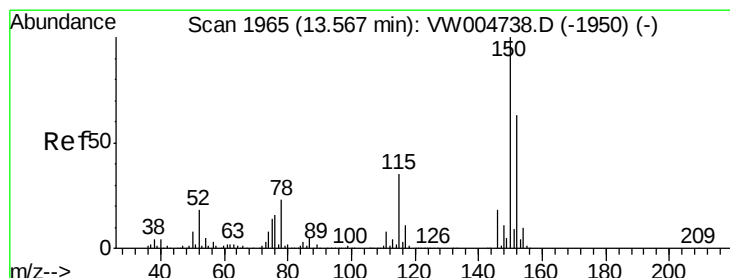
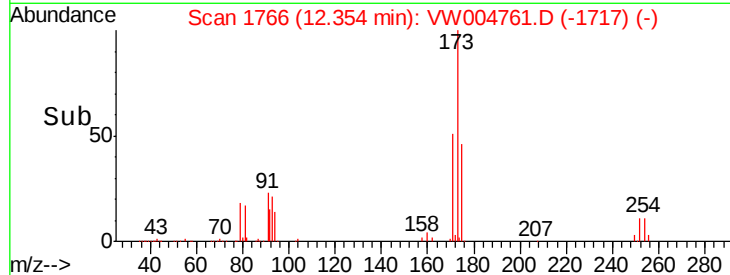
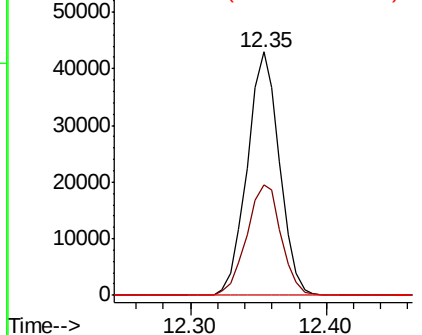


Abundance

Ion 172.70 (172.40 to 173.40): V

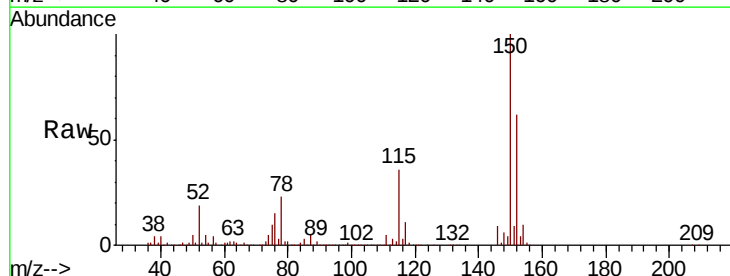
Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.57 min Scan# 1965
Delta R.T. 0.00 min
Lab File: VW004761.D
Acq: 18 Aug 2018 05:39

Tgt Ion	Ratio	Lower	Upper
152	100		
115	57.8	28.5	85.5
150	164.5	0.0	344.8

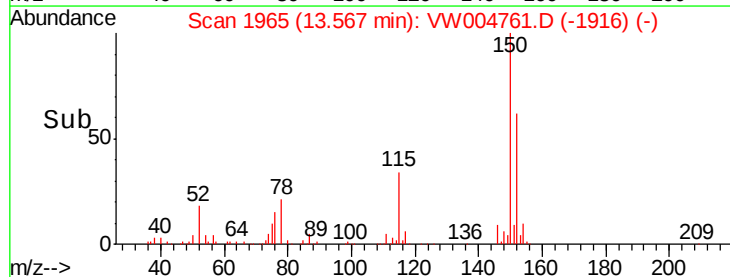
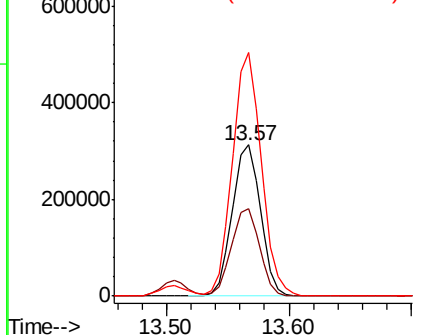


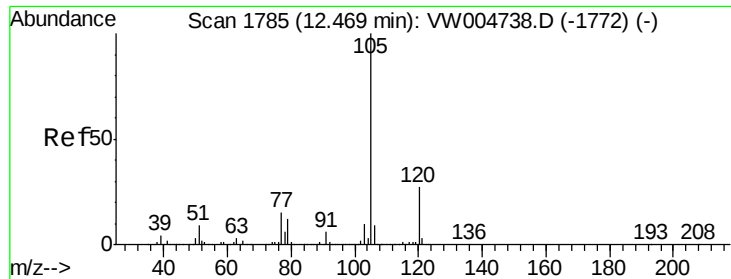
Abundance

Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





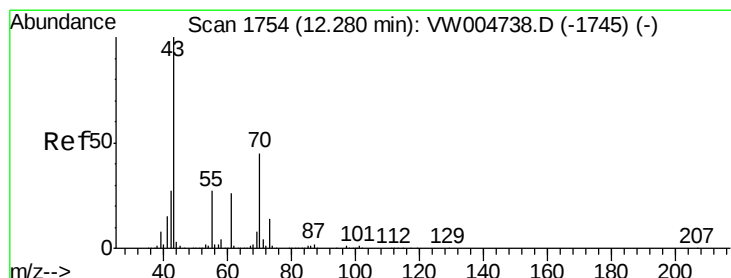
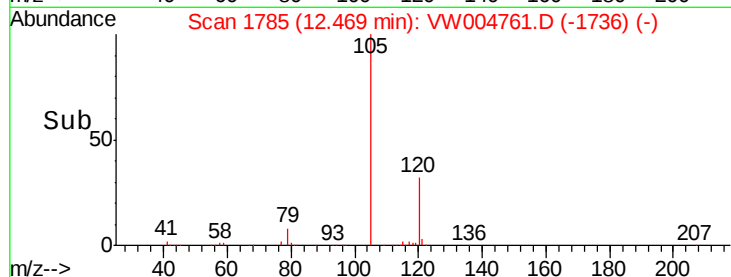
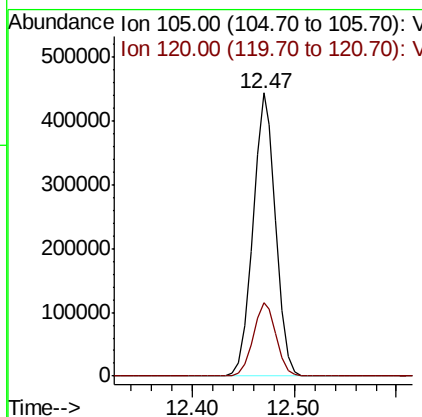
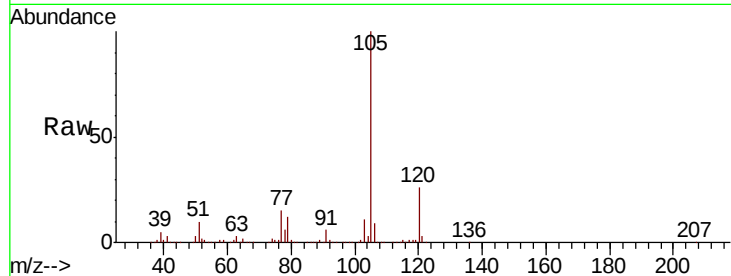
#73
Isopropylbenzene
Concen: 20.24 ug/l
RT: 12.47 min Scan# 1785
Delta R.T. 0.00 min
Lab File: VW004761.D
Acq: 18 Aug 2018 05:39

Instrument :
MSVOA_W
ClientSampleId :
VW0819SBS02

Tot Ion	Ratio	Lower	Upper
105	100		
120	26.3	13.3	39.9

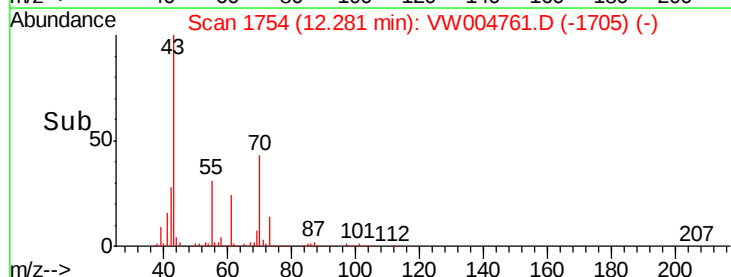
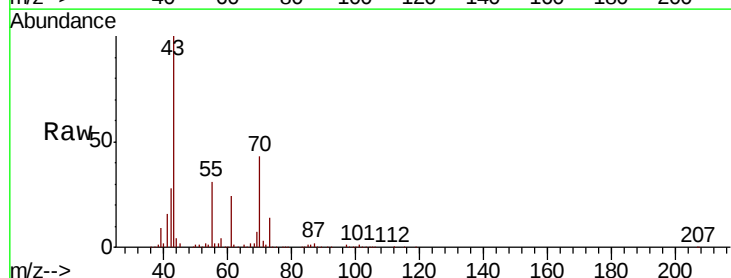
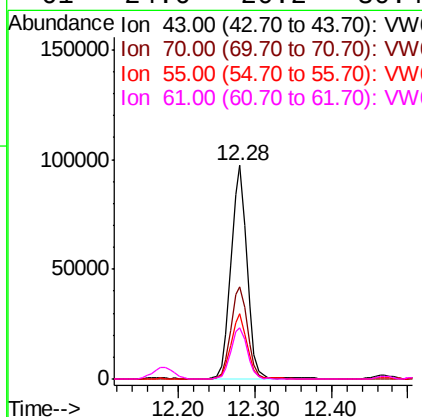
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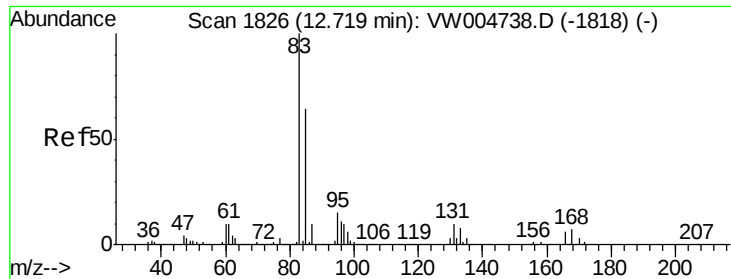
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#74
N-ethyl acetate
Concen: 20.37 ug/l
RT: 12.28 min Scan# 1754
Delta R.T. 0.00 min
Lab File: VW004761.D
Acq: 18 Aug 2018 05:39

Tgt Ion	Ratio	Lower	Upper
43	100		
70	44.7	36.3	54.5
55	31.0	22.6	33.8
61	24.6	20.2	30.4





#75

1,1,2,2-Tetrachloroethane

Concen: 20.82 ug/l

RT: 12.72 min Scan# 1826

Delta R.T. 0.00 min

Lab File: VW004761.D

Acq: 18 Aug 2018 05:39

Instrument :

MSVOA_W

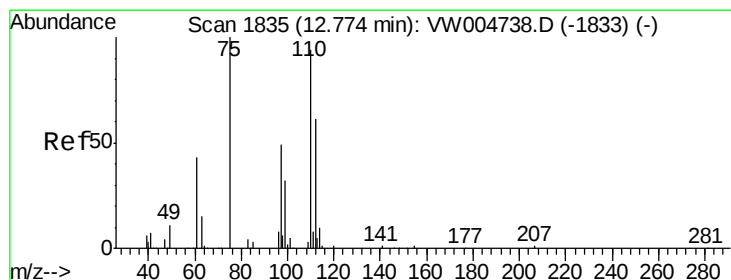
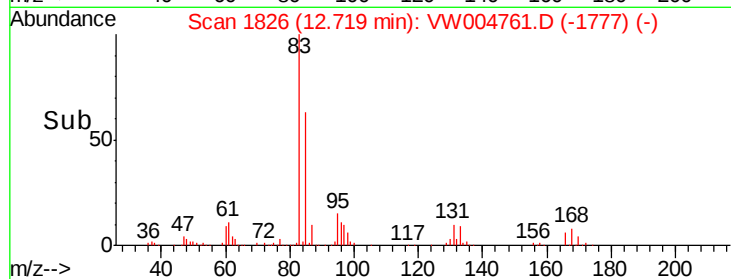
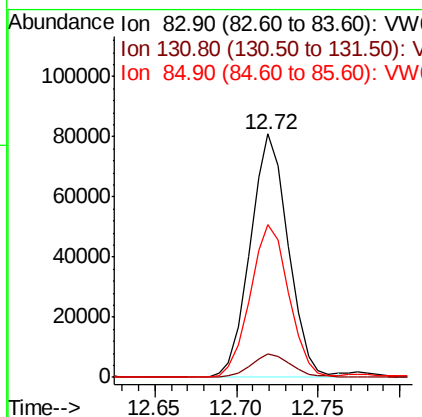
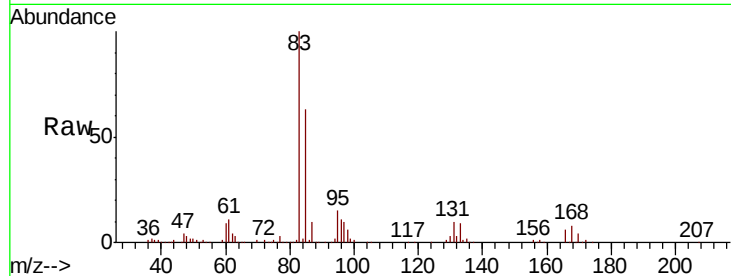
ClientSampleId :

VW0819SBS02

Tot Ion:	83	Resp:	130681
Ion Ratio	Lower	Upper	
83	100		
131	10.3	5.3	15.8
85	63.8	31.9	95.9

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#76

1,2,3-Trichloropropane

Concen: 19.34 ug/l m

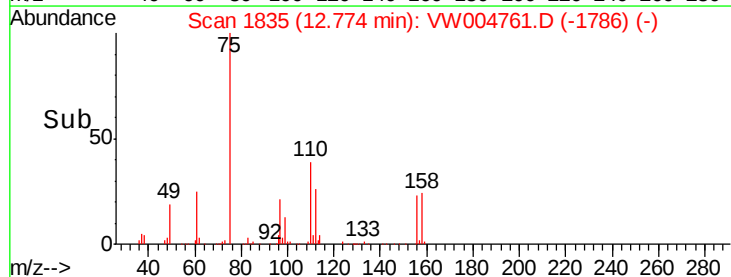
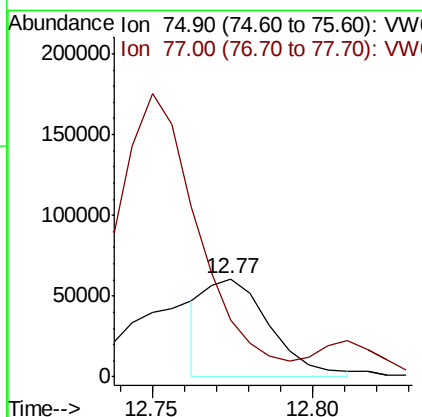
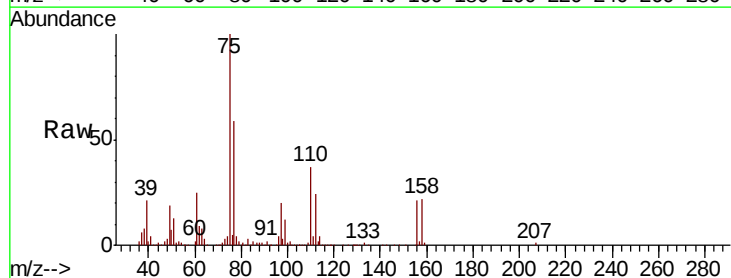
RT: 12.77 min Scan# 1835

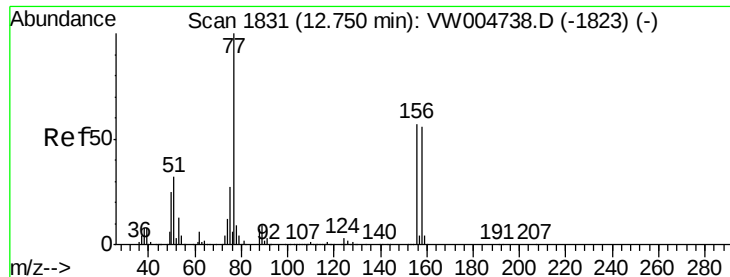
Delta R.T. 0.00 min

Lab File: VW004761.D

Acq: 18 Aug 2018 05:39

Tgt Ion:	75	Resp:	84892
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





#77

Bromobenzene

Concen: 20.71 ug/l

RT: 12.75 min Scan# 1831

Delta R.T. 0.00 min

Lab File: VW004761.D

Acq: 18 Aug 2018 05:39

Instrument :

MSVOA_W

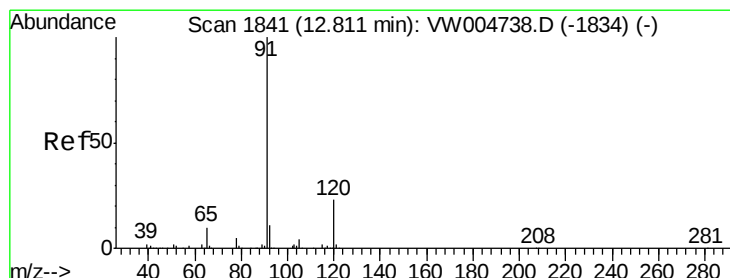
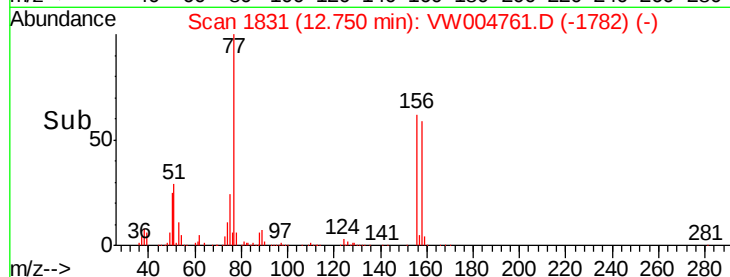
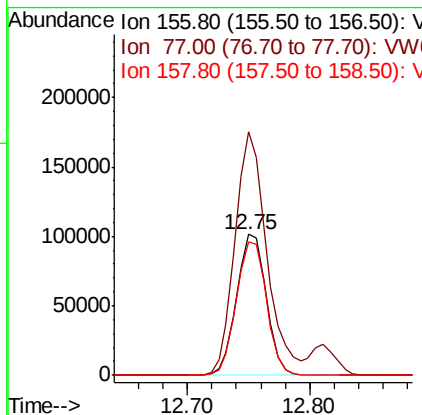
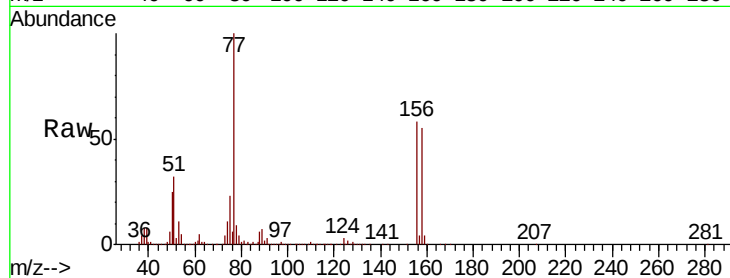
ClientSampleId :

VW0819SBS02

Tot Ion:	156	Resp:	169851
Ion Ratio	Lower	Upper	
156	100		
77	185.3	94.2	282.4
158	96.2	48.6	145.9

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#78

n-propylbenzene

Concen: 20.39 ug/l

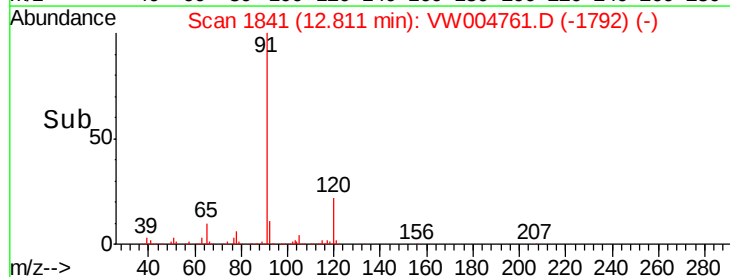
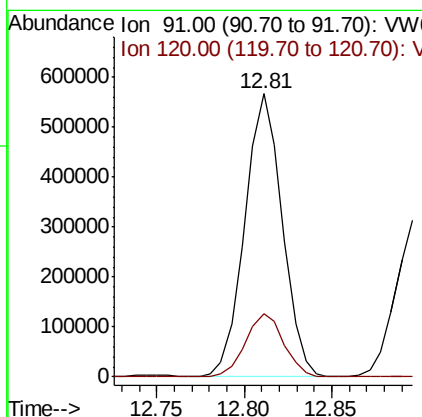
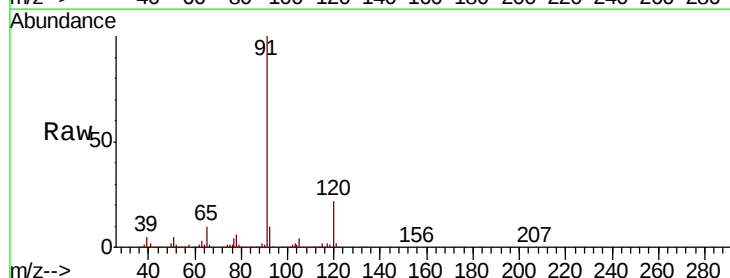
RT: 12.81 min Scan# 1841

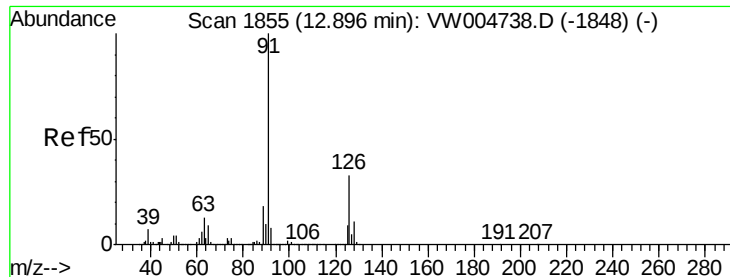
Delta R.T. 0.00 min

Lab File: VW004761.D

Acq: 18 Aug 2018 05:39

Tgt Ion:	91	Resp:	843132
Ion Ratio	Lower	Upper	
91	100		
120	22.9	11.4	34.2





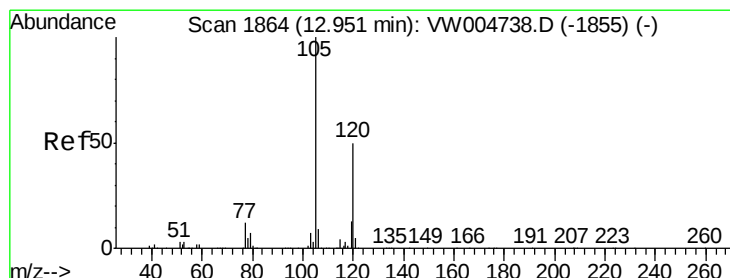
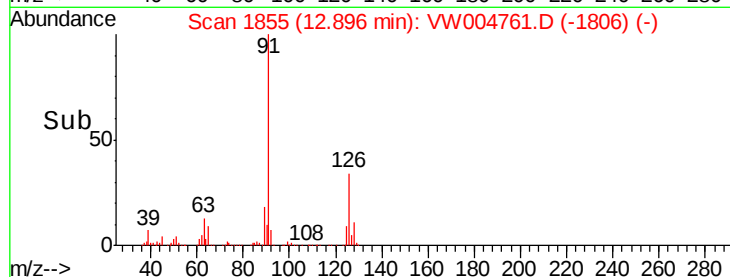
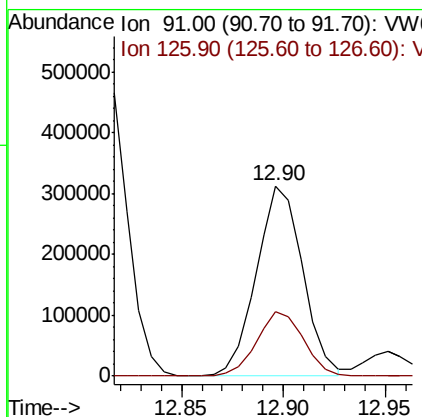
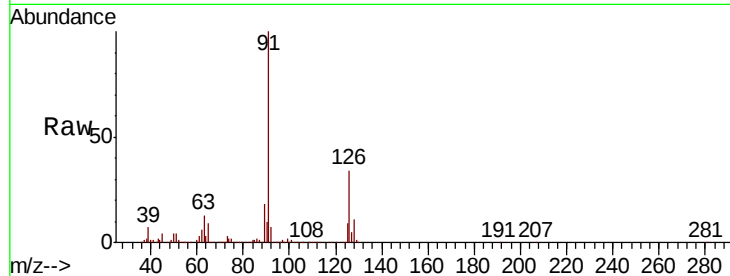
#79
 2-Chlorotoluene
 Concen: 20.73 ug/l
 RT: 12.90 min Scan# 1855
 Delta R.T. 0.00 min
 Lab File: VW004761.D
 Acq: 18 Aug 2018 05:39

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0819SBS02

Tot Ion: 91 Resp: 493938
 Ion Ratio Lower Upper
 91 100
 126 34.0 17.0 51.0

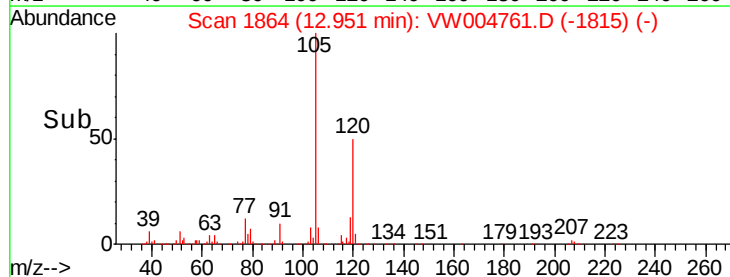
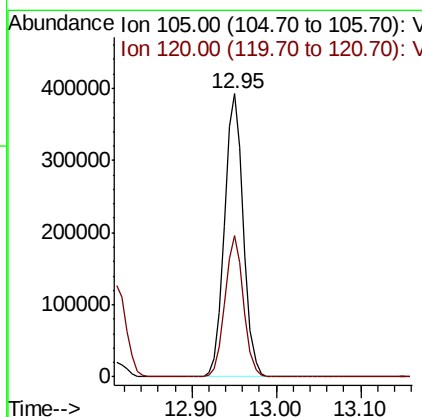
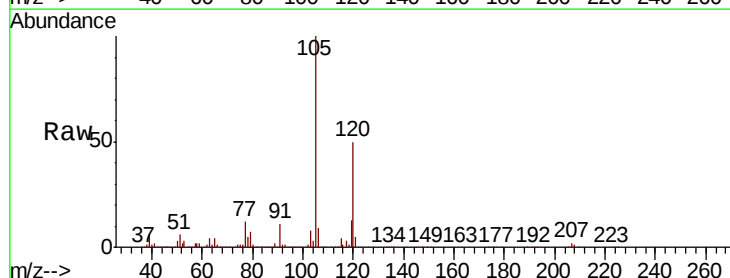
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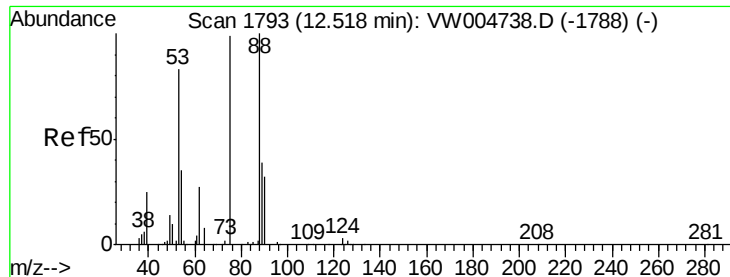
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#80
 1,3,5-Trimethylbenzene
 Concen: 20.93 ug/l
 RT: 12.95 min Scan# 1864
 Delta R.T. 0.00 min
 Lab File: VW004761.D
 Acq: 18 Aug 2018 05:39

Tgt Ion: 105 Resp: 602306
 Ion Ratio Lower Upper
 105 100
 120 49.0 24.7 74.1





#81

trans-1,4-Dichloro-2-butene

Concen: 17.56 ug/l

RT: 12.52 min Scan# 1793

Delta R.T. 0.00 min

Lab File: VW004761.D

Acq: 18 Aug 2018 05:39

Instrument :

MSVOA_W

ClientSampleId :

VW0819SBS02

Tot Ion: 75 Resp: 33173

Ion Ratio Lower Upper

75 100

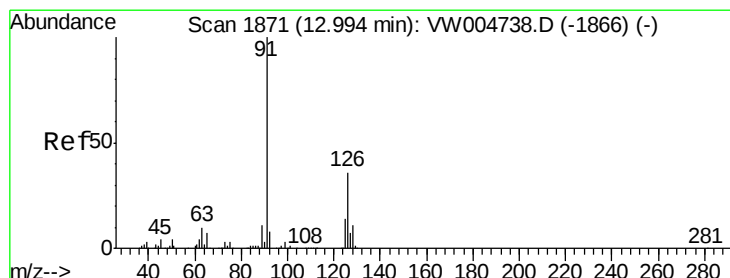
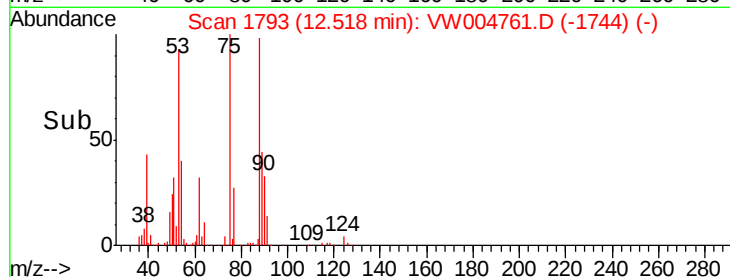
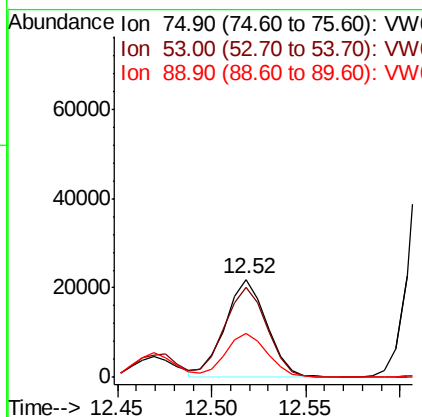
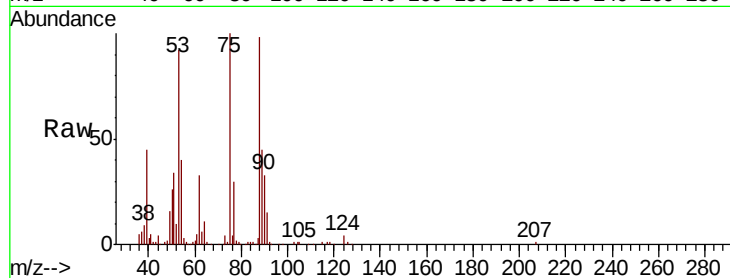
53 96.8 72.2 108.4

89 45.3 35.2 52.8

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#82

4-Chlorotoluene

Concen: 20.71 ug/l

RT: 12.99 min Scan# 1871

Delta R.T. 0.00 min

Lab File: VW004761.D

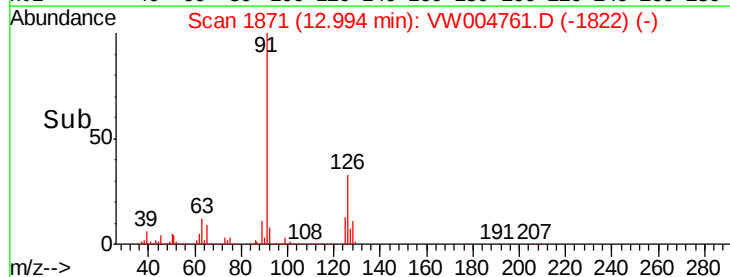
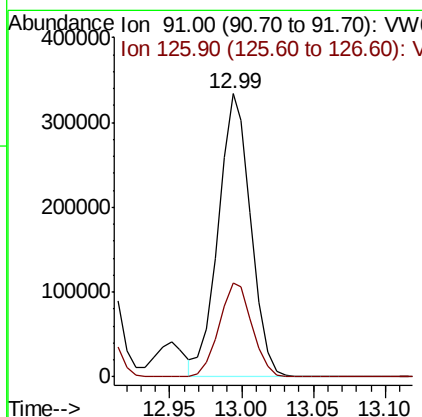
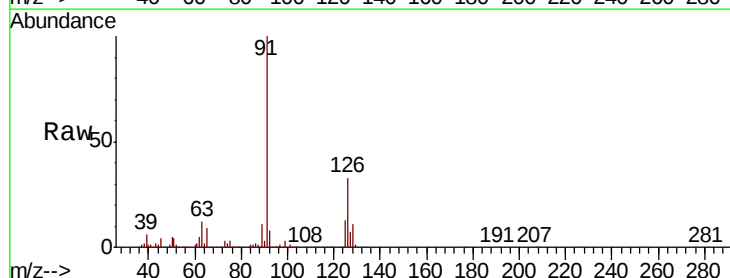
Acq: 18 Aug 2018 05:39

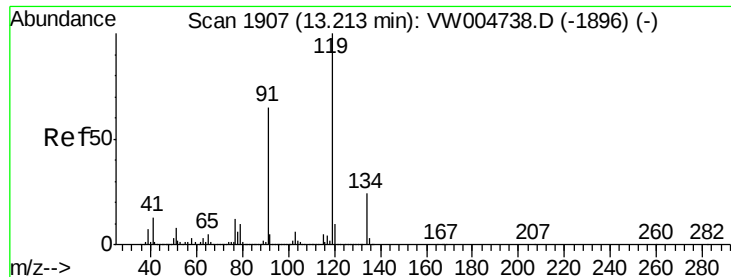
Tgt Ion: 91 Resp: 524324

Ion Ratio Lower Upper

91 100

126 33.9 16.9 50.7





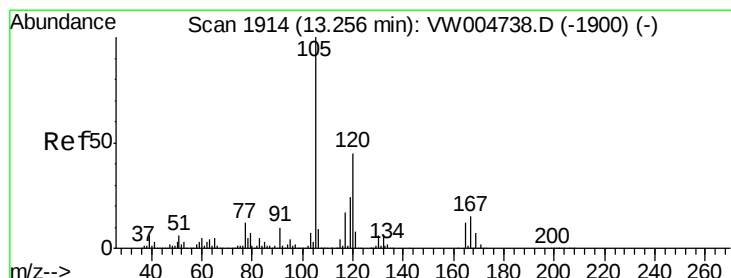
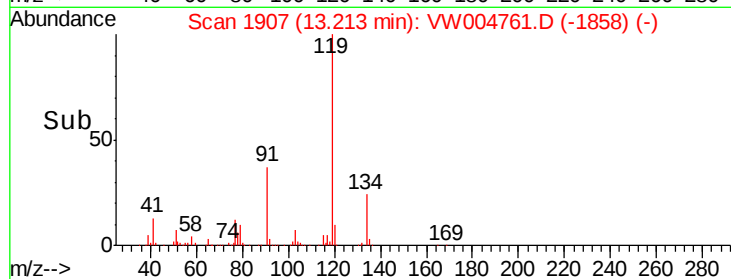
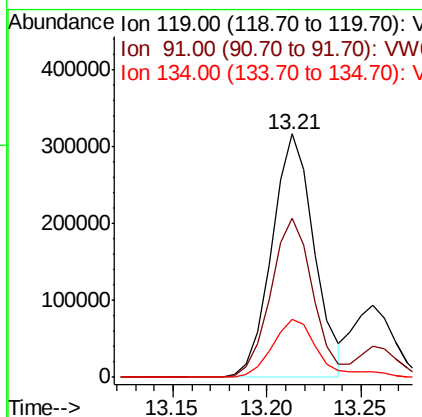
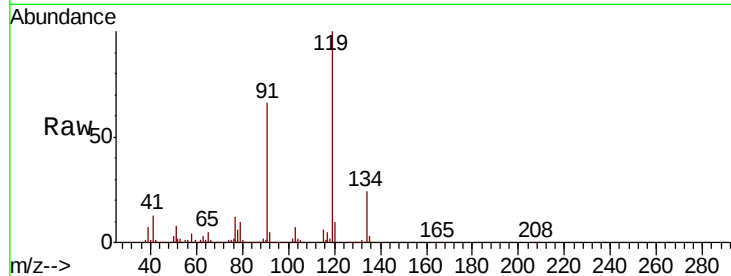
#83
tert-Butylbenzene
Concen: 19.99 ug/l
RT: 13.21 min Scan# 1907
Delta R.T. 0.00 min
Lab File: VW004761.D
Acq: 18 Aug 2018 05:39

Instrument :
MSVOA_W
ClientSampleId :
VW0819SBS02

Tot Ion	Ratio	Lower	Upper
119	100		
91	64.6	32.6	97.8
134	26.3	13.1	39.3

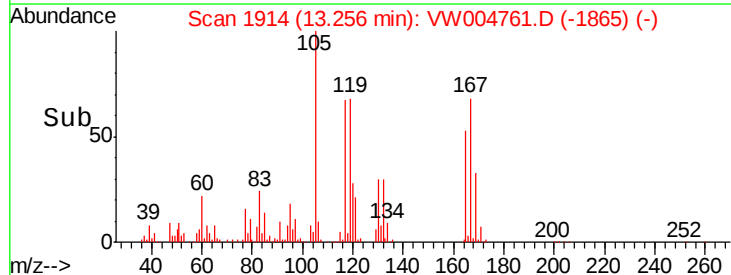
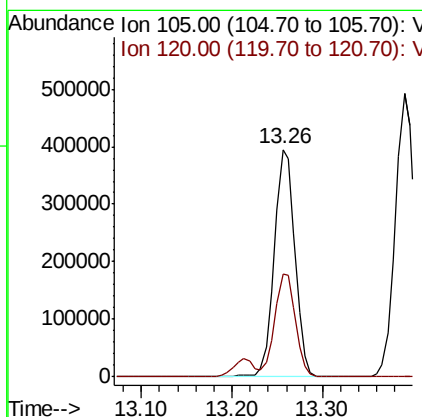
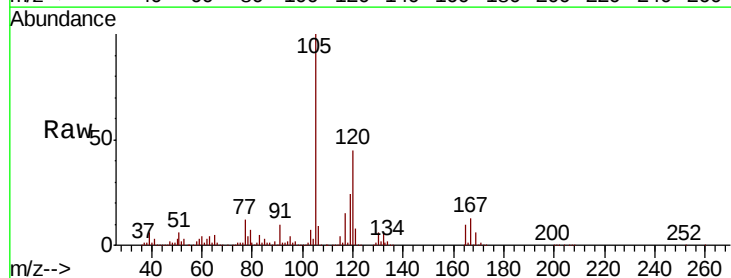
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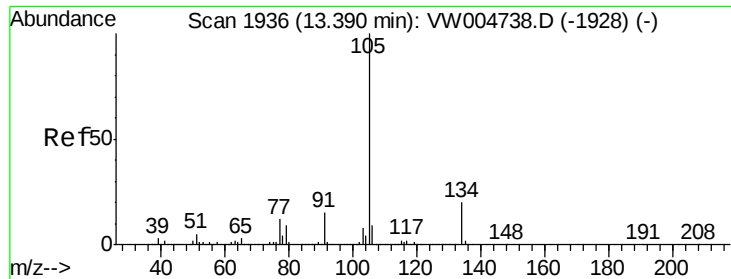
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#84
1,2,4-Trimethylbenzene
Concen: 21.01 ug/l
RT: 13.26 min Scan# 1914
Delta R.T. 0.00 min
Lab File: VW004761.D
Acq: 18 Aug 2018 05:39

Tgt Ion	Ratio	Lower	Upper
105	100		
120	45.2	22.8	68.3





#85

sec-Butylbenzene

Concen: 20.10 ug/l

RT: 13.39 min Scan# 1936

Delta R.T. 0.00 min

Lab File: VW004761.D

Acq: 18 Aug 2018 05:39

Instrument :

MSVOA_W

ClientSampled :

VW0819SBS02

Tot Ion:105 Resp: 738955

Ion Ratio Lower Upper

105 100

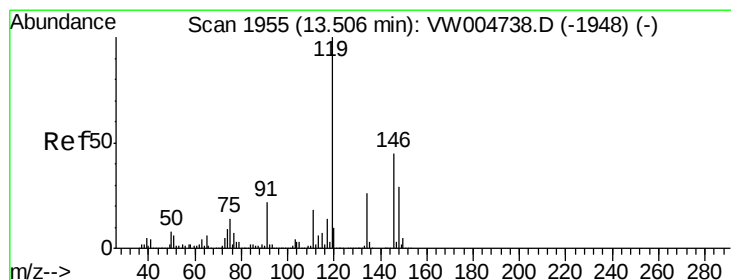
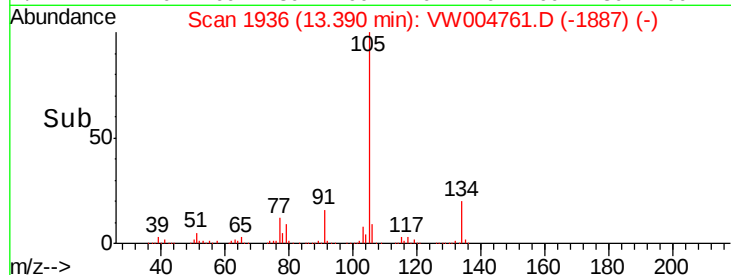
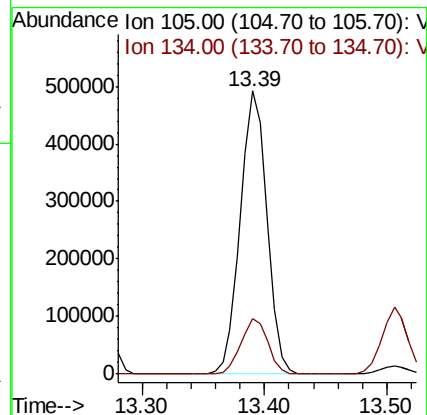
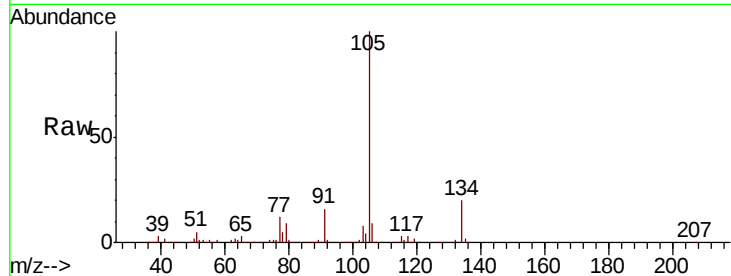
134 19.8 10.0 29.8

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#86

p-Isopropyltoluene

Concen: 20.20 ug/l

RT: 13.51 min Scan# 1955

Delta R.T. 0.00 min

Lab File: VW004761.D

Acq: 18 Aug 2018 05:39

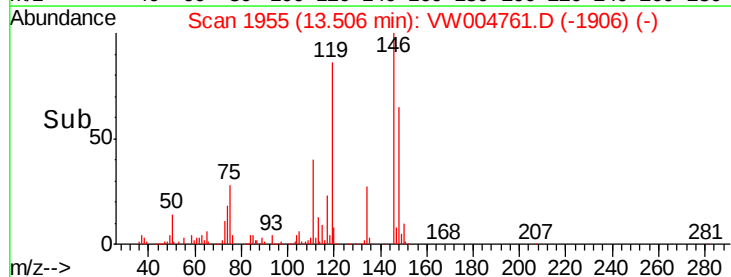
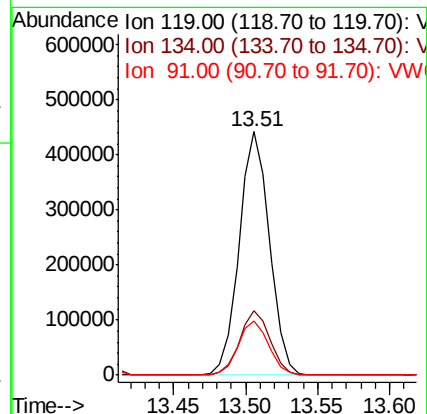
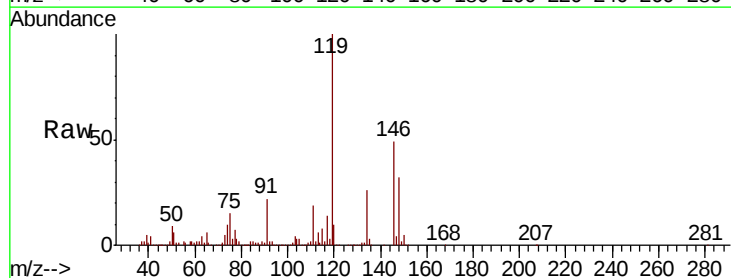
Tgt Ion:119 Resp: 645869

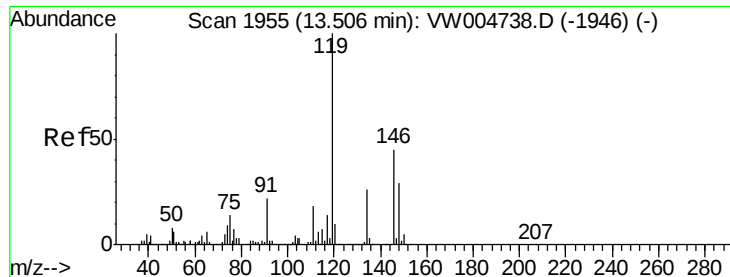
Ion Ratio Lower Upper

119 100

134 26.3 13.1 39.3

91 22.5 11.2 33.5





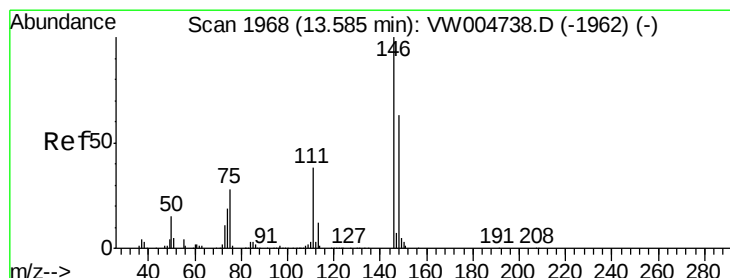
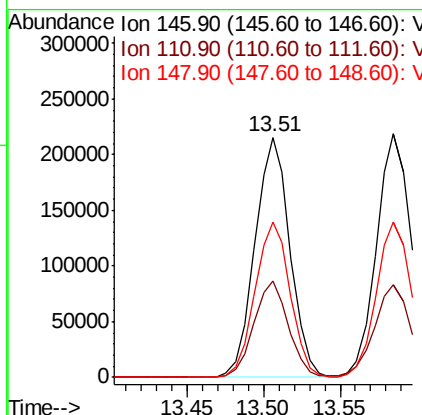
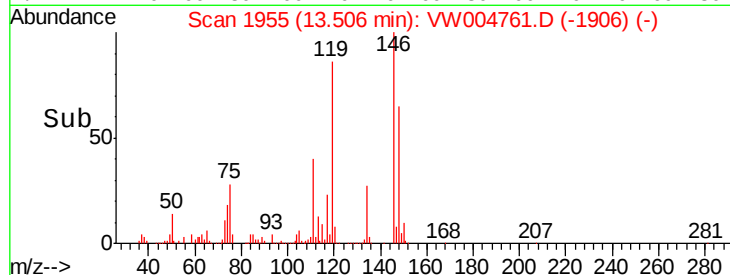
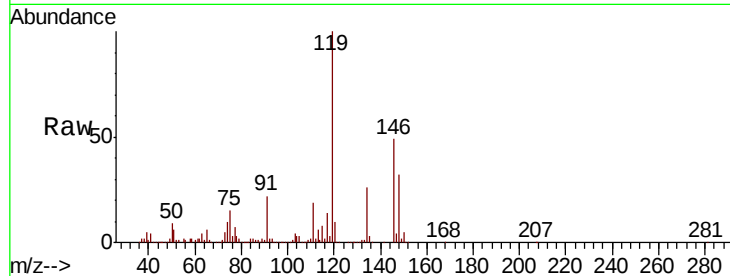
#87
 1,3-Dichlorobenzene
 Concen: 20.52 ug/l
 RT: 13.51 min Scan# 1955
 Delta R.T. 0.00 min
 Lab File: VW004761.D
 Acq: 18 Aug 2018 05:39

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0819SBS02

Tot Ion	Ratio	Lower	Upper
146	100		
111	39.6	19.8	59.4
148	65.0	31.9	95.9

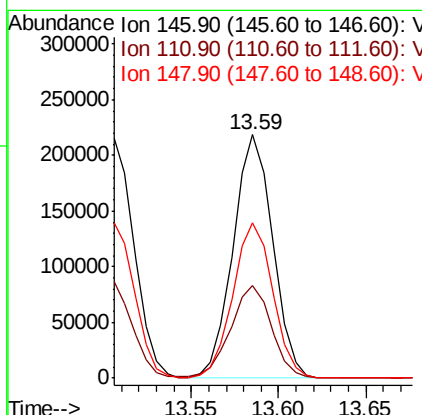
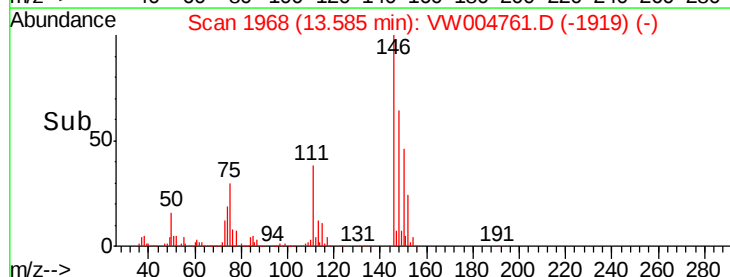
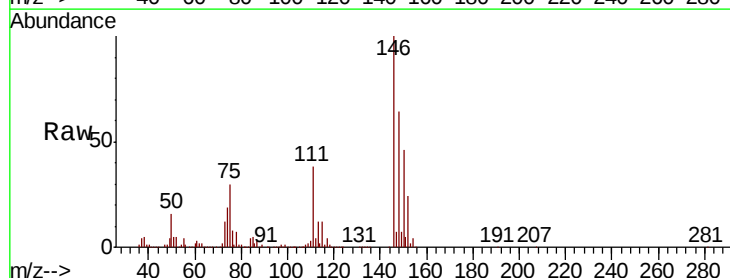
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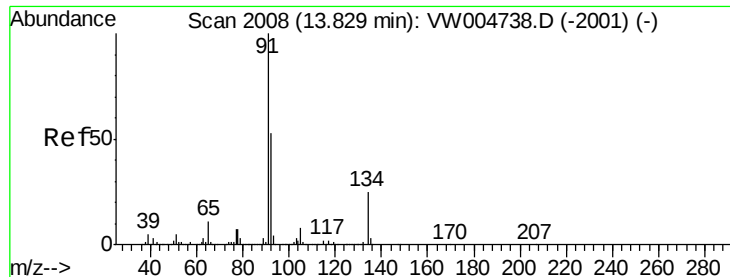
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#88
 1,4-Dichlorobenzene
 Concen: 20.66 ug/l
 RT: 13.59 min Scan# 1968
 Delta R.T. 0.00 min
 Lab File: VW004761.D
 Acq: 18 Aug 2018 05:39

Tgt Ion	Ratio	Lower	Upper
146	100		
111	39.2	19.3	57.8
148	64.1	31.8	95.3





#89

n-Butylbenzene

Concen: 19.31 ug/l

RT: 13.84 min Scan# 2009

Delta R.T. 0.01 min

Lab File: VW004761.D

Acq: 18 Aug 2018 05:39

Instrument :

MSVOA_W

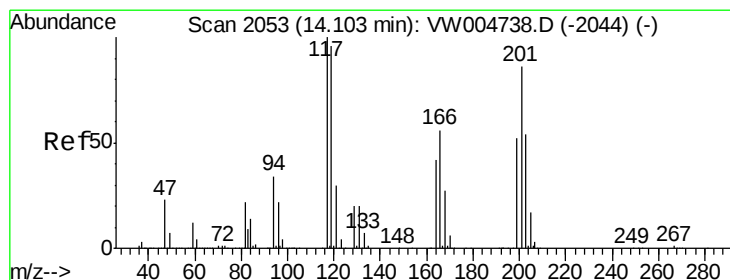
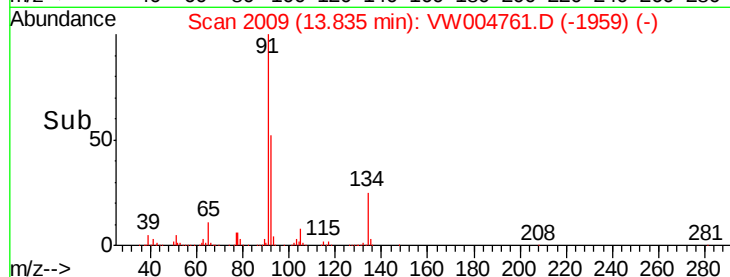
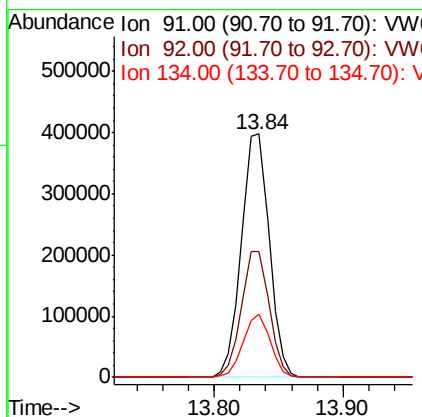
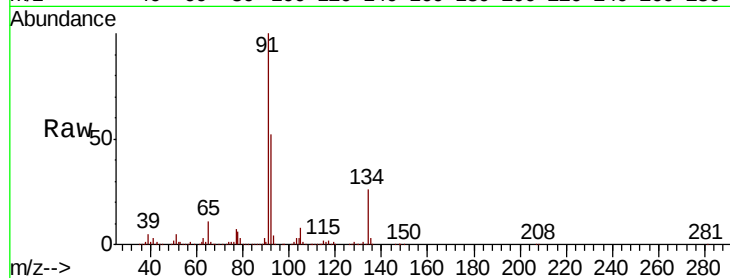
ClientSampleId :

VW0819SBS02

Tot Ion:	91	Resp:	597045
Ion Ratio	Lower	Upper	
91	100		
92	52.0	26.4	79.2
134	25.2	12.8	38.3

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#90

Hexachloroethane

Concen: 19.75 ug/l

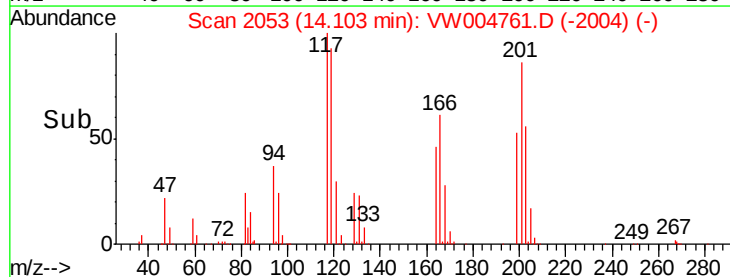
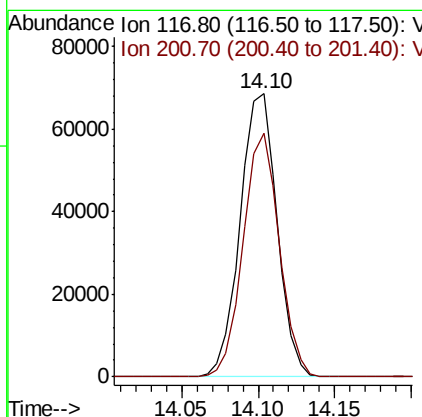
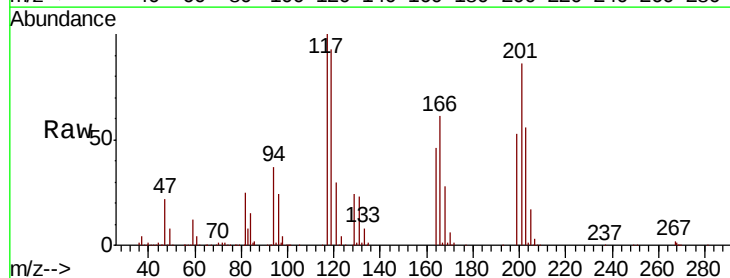
RT: 14.10 min Scan# 2053

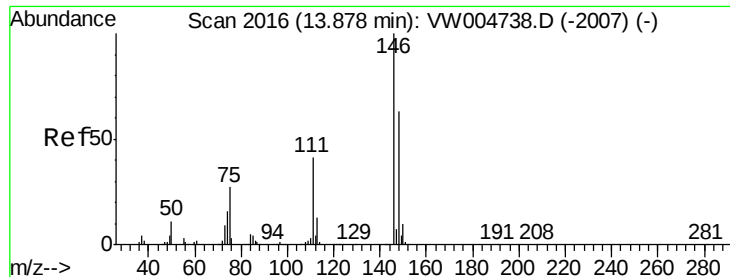
Delta R.T. 0.00 min

Lab File: VW004761.D

Acq: 18 Aug 2018 05:39

Tgt Ion:	117	Resp:	115158
Ion Ratio	Lower	Upper	
117	100		
201	84.1	42.4	127.2





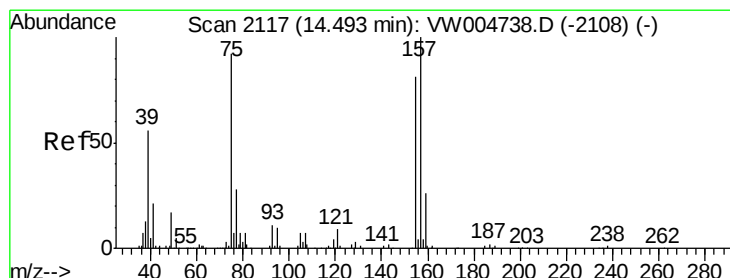
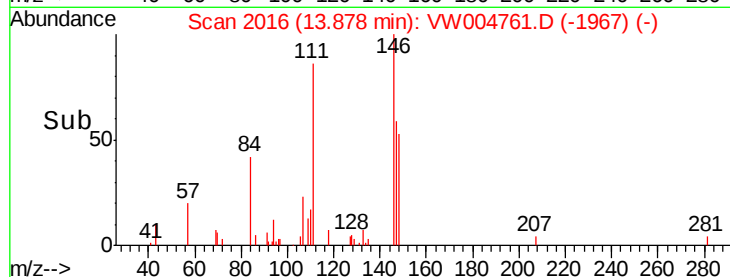
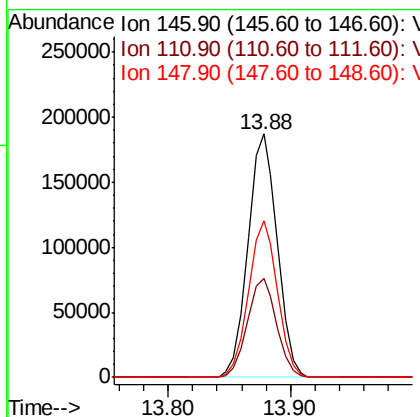
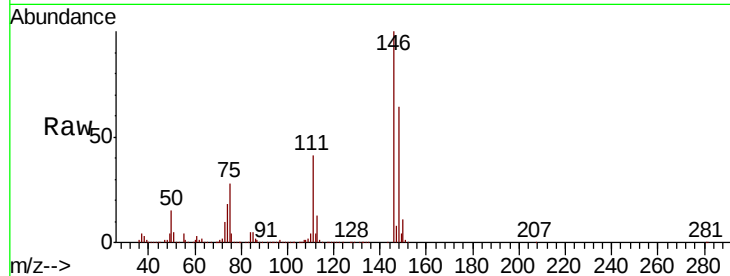
#91
 1,2-Dichlorobenzene
 Concen: 20.71 ug/l
 RT: 13.88 min Scan# 2016
 Delta R.T. 0.00 min
 Lab File: VW004761.D
 Acq: 18 Aug 2018 05:39

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0819SBS02

Tot Ion	Ratio	Lower	Upper
146	100		
111	40.8	20.4	61.3
148	63.8	31.6	95.0

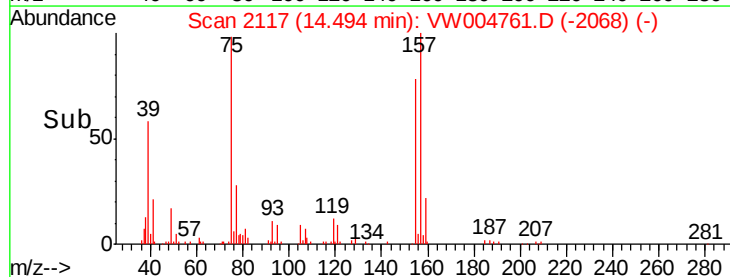
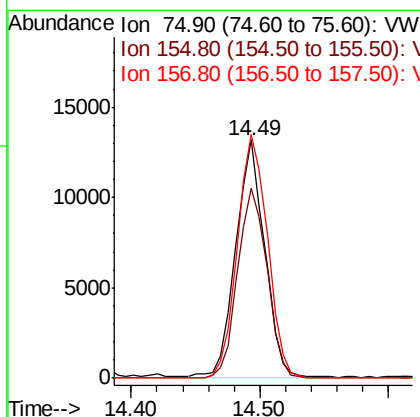
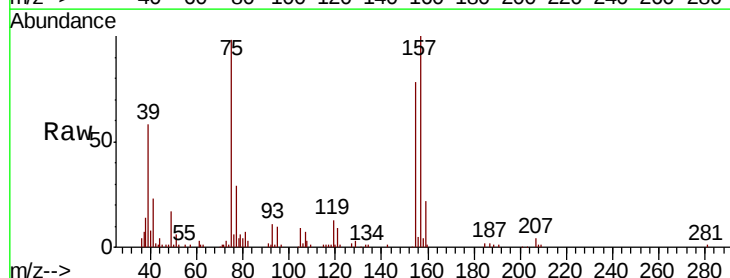
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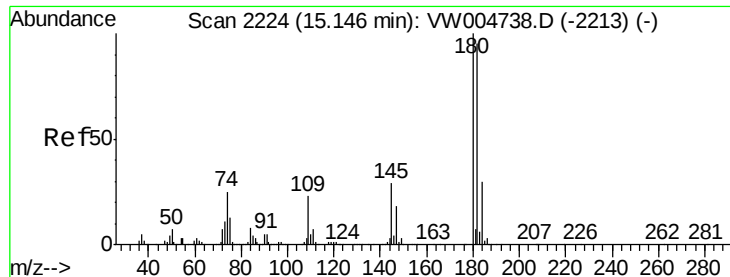
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 21.11 ug/l
 RT: 14.49 min Scan# 2117
 Delta R.T. 0.00 min
 Lab File: VW004761.D
 Acq: 18 Aug 2018 05:39

Tgt Ion	Ratio	Lower	Upper
75	100		
155	79.9	43.3	129.9
157	105.1	54.5	163.6





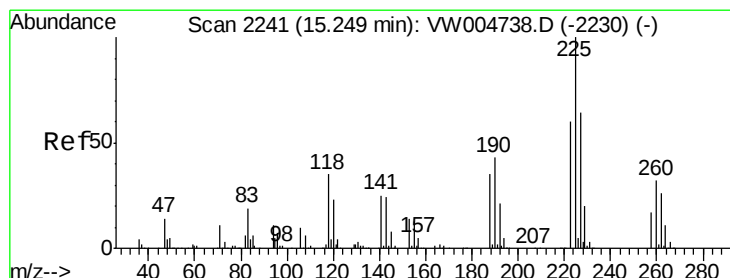
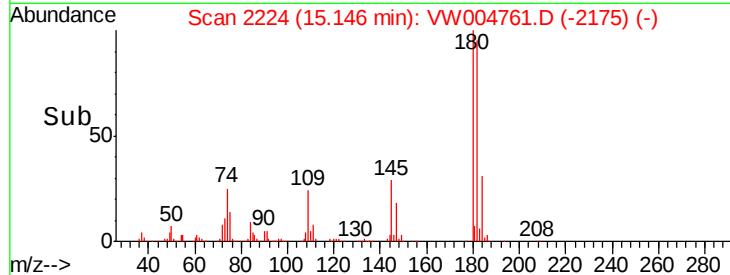
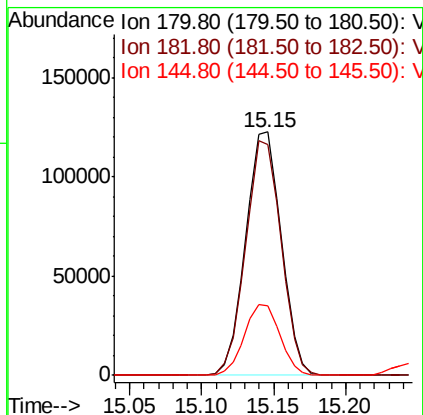
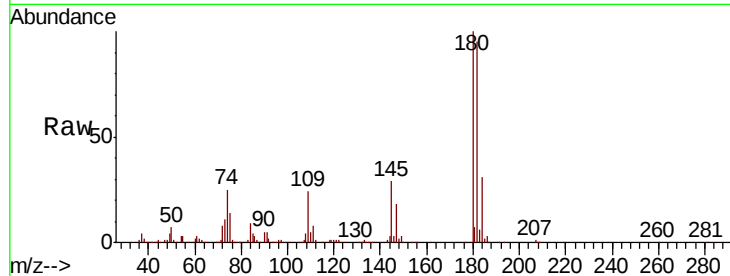
#93
 1,2,4-Trichlorobenzene
 Concen: 19.82 ug/l
 RT: 15.15 min Scan# 2224
 Delta R.T. 0.00 min
 Lab File: VW004761.D
 Acq: 18 Aug 2018 05:39

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0819SBS02

Tot Ion	Ratio	Resp	Lower	Upper
180	100	210063		
182	95.7	47.3	141.8	
145	29.2	14.6	43.8	

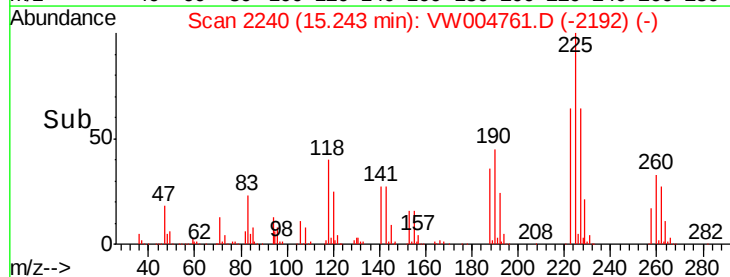
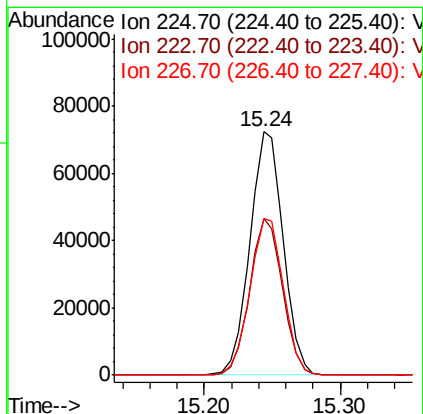
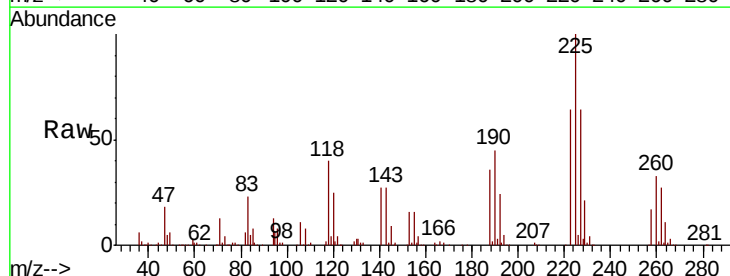
Manual Integrations
 APPROVED

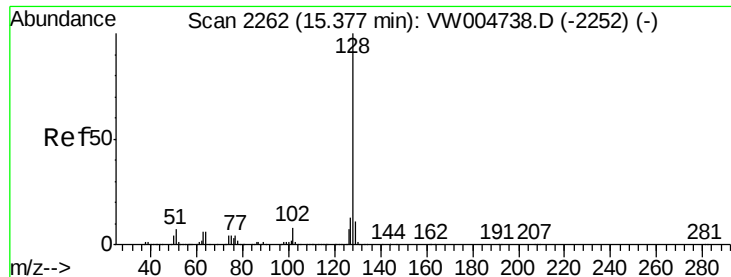
apatel
 8/20/2018 9:56:45 AM



#94
 Hexachlorobutadiene
 Concen: 19.10 ug/l
 RT: 15.24 min Scan# 2240
 Delta R.T. -0.01 min
 Lab File: VW004761.D
 Acq: 18 Aug 2018 05:39

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	124197		
223	63.1	30.9	92.5	
227	64.6	32.0	96.0	





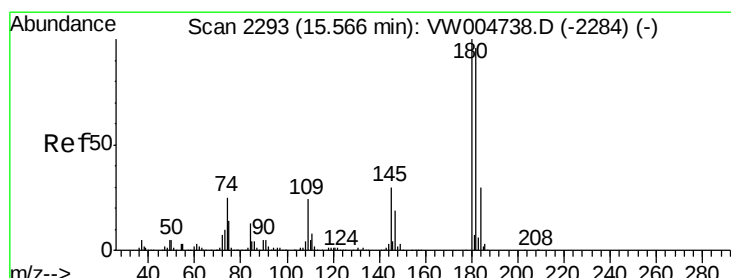
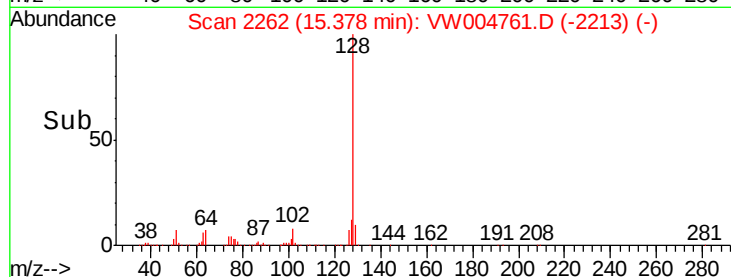
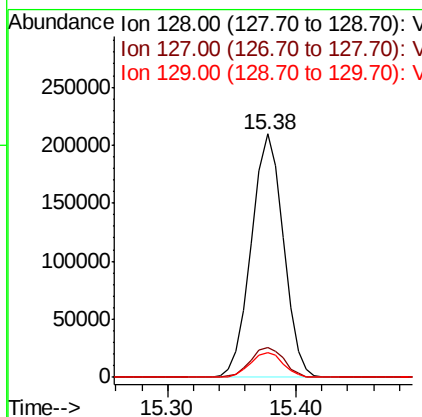
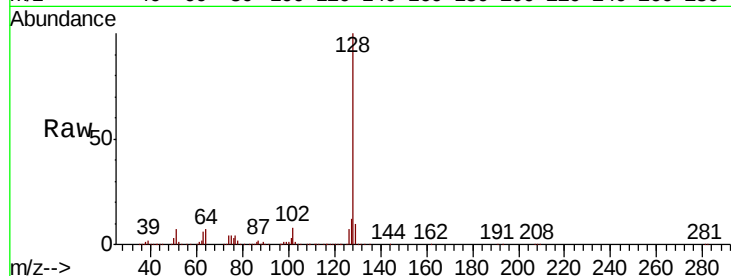
#95
Naphthalene
Concen: 19.83 ug/l
RT: 15.38 min Scan# 2262
Delta R.T. 0.00 min
Lab File: VW004761.D
Acq: 18 Aug 2018 05:39

Instrument :
MSVOA_W
ClientSampleId :
VW0819SBS02

Tot Ion	Ratio	Lower	Upper
128	100		
127	12.9	10.4	15.6
129	10.6	8.6	13.0

Manual Integrations
APPROVED

apatel
8/20/2018 9:56:45 AM



#96
1,2,3-Trichlorobenzene
Concen: 20.31 ug/l
RT: 15.57 min Scan# 2293
Delta R.T. 0.00 min
Lab File: VW004761.D
Acq: 18 Aug 2018 05:39

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.0	47.3	142.0
145	30.8	15.4	46.1

