

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW082018\
 Data File : VW004810.D
 Acq On : 21 Aug 2018 01:10
 Operator : SY/AP
 Sample : VW0820SBS02
 Misc : 5.05G/5ML/MSVOA W/SOIL
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0820SBS02

Manual Integrations
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 8/21/2018 12:47:39 PM

Quant Time: Aug 21 02:04:56 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	565520	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	876442	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	819401	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	439964	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	295125	53.98	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.96%	
35) Dibromofluoromethane	7.89	113	296978	53.02	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.04%	
50) Toluene-d8	10.33	98	1169499	53.48	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.96%	
62) 4-Bromofluorobenzene	12.62	95	419535	53.33	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.66%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.01	85	75432	20.14	ug/l	98
3) Chloromethane	2.22	50	96905	19.79	ug/l	100
4) Vinyl Chloride	2.37	62	158415	21.97	ug/l	99
5) Bromomethane	2.78	94	100278	22.52	ug/l	99
6) Chloroethane	2.93	64	95214	21.89	ug/l	96
7) Trichlorofluoromethane	3.26	101	77293	22.76	ug/l	98
8) Diethyl Ether	3.68	74	68054	22.16	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	4.06	101	123185	21.06	ug/l	99
10) Methyl Iodide	4.26	142	195245	21.98	ug/l	99
11) Tert butyl alcohol	5.21	59	34451	112.79	ug/l	99
12) 1,1-Dichloroethene	4.03	96	122116	20.95	ug/l	99
13) Acrolein	3.90	56	45559	111.15	ug/l	96
14) Allyl chloride	4.67	41	186207	21.05	ug/l	99
15) Acrylonitrile	5.38	53	141643	109.99	ug/l	99
16) Acetone	4.14	43	139329	99.83	ug/l	97
17) Carbon Disulfide	4.37	76	401163	20.95	ug/l	98
18) Methyl Acetate	4.68	43	66418	22.21	ug/l	98
19) Methyl tert-butyl Ether	5.43	73	169535	22.41	ug/l	97
20) Methylene Chloride	4.91	84	158043	22.42	ug/l	94
21) trans-1,2-Dichloroethene	5.42	96	130654	21.07	ug/l	97
22) Diisopropyl ether	6.32	45	394487	23.21	ug/l	97
23) Vinyl Acetate	6.26	43	1030720	107.20	ug/l	100
24) 1,1-Dichloroethane	6.22	63	239987	21.72	ug/l	100
25) 2-Butanone	7.18	43	208809	105.00	ug/l	100
26) 2,2-Dichloropropane	7.17	77	132335	20.74	ug/l	100
27) cis-1,2-Dichloroethene	7.17	96	145190	21.75	ug/l	99
28) Bromochloromethane	7.52	49	101342	21.79	ug/l	98
29) Tetrahydrofuran	7.54	42	109965	108.44	ug/l	100
30) Chloroform	7.68	83	237395	21.85	ug/l	97
31) Cyclohexane	7.96	56	216351	20.25	ug/l	96
32) 1,1,1-Trichloroethane	7.88	97	185357	21.52	ug/l	98
36) 1,1-Dichloropropene	8.09	75	183167	20.29	ug/l	99
37) Ethyl Acetate	7.26	43	78136	21.71	ug/l	97
38) Carbon Tetrachloride	8.07	117	171042	20.58	ug/l	95

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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	219629	19.45	ug/l	99
40) Benzene	8.32	78	553819	21.11	ug/l	100
41) Methacrylonitrile	7.49	41	47723	23.36	ug/l	97
42) 1,2-Dichloroethane	8.40	62	146326	21.75	ug/l	100
43) Isopropyl Acetate	8.43	43	135238	20.92	ug/l	99
44) Trichloroethene	9.09	130	137633	20.66	ug/l	100
45) 1,2-Dichloropropane	9.37	63	135185	21.06	ug/l	98
46) Dibromomethane	9.46	93	67897	21.35	ug/l	100
47) Bromodichloromethane	9.65	83	158374	20.85	ug/l	97
48) Methyl methacrylate	9.44	41	61750	20.36	ug/l	95
49) 1,4-Dioxane	9.48	88	22460	483.46	ug/l #	84
51) 4-Methyl-2-Pentanone	10.21	43	472707	108.19	ug/l	98
52) Toluene	10.39	92	337457	21.44	ug/l	99
53) t-1,3-Dichloropropene	10.61	75	156157	20.41	ug/l	98
54) cis-1,3-Dichloropropene	10.08	75	191685	21.02	ug/l	100
55) 1,1,2-Trichloroethane	10.79	97	99785	22.08	ug/l	98
56) Ethyl methacrylate	10.65	69	110782	20.62	ug/l	99
57) 1,3-Dichloropropane	10.93	76	167370	21.45	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.93	63	274216	109.85	ug/l	99
59) 2-Hexanone	10.98	43	309599	104.58	ug/l	99
60) Dibromochloromethane	11.13	129	105453	20.79	ug/l	100
61) 1,2-Dibromoethane	11.24	107	91977	21.29	ug/l	99
64) Tetrachloroethene	10.87	164	118873	21.23	ug/l	99
65) Chlorobenzene	11.66	112	364207	20.65	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.74	131	119907	20.14	ug/l	98
67) Ethyl Benzene	11.74	91	602215	20.14	ug/l	99
68) m/p-Xylenes	11.85	106	485843	41.77	ug/l	99
69) o-Xylene	12.17	106	223127	20.72	ug/l	98
70) Styrene	12.19	104	382880	21.17	ug/l	99
71) Bromoform	12.35	173	65822	20.94	ug/l	100
73) Isopropylbenzene	12.47	105	626247	20.92	ug/l	100
74) N-amyl acetate	12.28	43	129220	20.97	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.72	83	119632	21.58	ug/l	100
76) 1,2,3-Trichloropropane	12.77	75	80139m	20.66	ug/l	
77) Bromobenzene	12.76	156	154178	21.28	ug/l	99
78) n-propylbenzene	12.81	91	775921	21.24	ug/l	99
79) 2-Chlorotoluene	12.90	91	450369	21.39	ug/l	100
80) 1,3,5-Trimethylbenzene	12.95	105	550687	21.66	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.52	75	31873	19.10	ug/l	95
82) 4-Chlorotoluene	12.99	91	471517	21.08	ug/l	98
83) tert-Butylbenzene	13.21	119	465429	21.40	ug/l	96
84) 1,2,4-Trimethylbenzene	13.26	105	564037	21.56	ug/l	99
85) sec-Butylbenzene	13.39	105	666977	20.54	ug/l	99
86) p-Isopropyltoluene	13.51	119	583053	20.64	ug/l	99
87) 1,3-Dichlorobenzene	13.51	146	306624	20.81	ug/l	98
88) 1,4-Dichlorobenzene	13.58	146	311461	21.14	ug/l	99
89) n-Butylbenzene	13.83	91	555053	20.32	ug/l	99
90) Hexachloroethane	14.10	117	102527	19.91	ug/l	100
91) 1,2-Dichlorobenzene	13.88	146	278588	21.05	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	17467	20.16	ug/l	98

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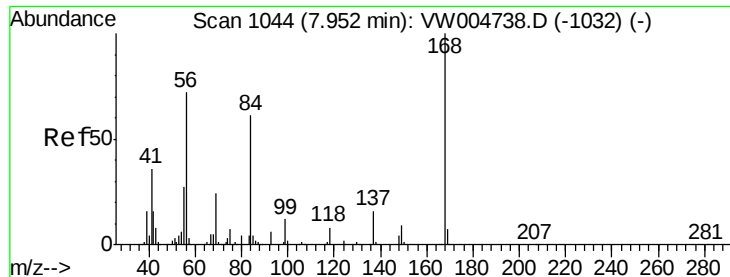
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.14	180	198658	21.22	ug/l	99
94) Hexachlorobutadiene	15.24	225	118212	20.57	ug/l	98
95) Naphthalene	15.38	128	328032	20.32	ug/l	99
96) 1,2,3-Trichlorobenzene	15.57	180	176117	21.21	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.95 min Scan# 1044

Delta R.T. -0.00 min

Lab File: VW004810.D

Acq: 21 Aug 2018 01:10

Instrument :

MSVOA_W

ClientSampleId :

VW0820SBSD02

Tot Ion:168 Resp: 565520

Ion Ratio Lower Upper

168 100

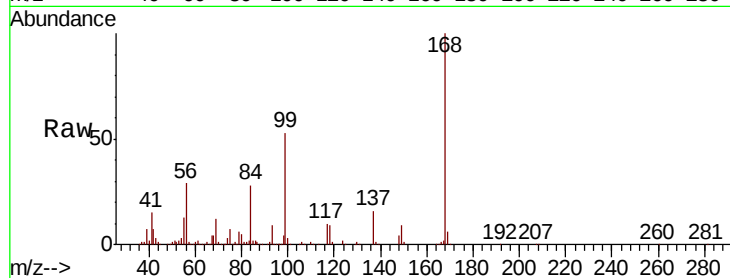
99 53.3 41.0 61.4

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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

250000

200000

150000

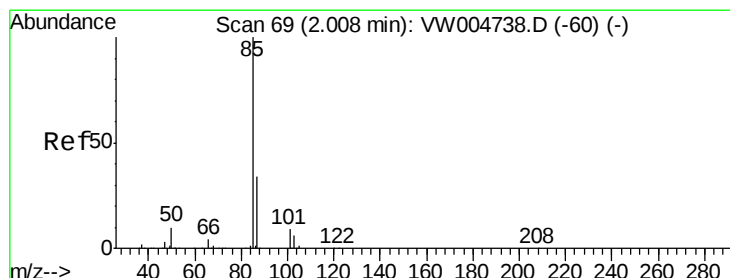
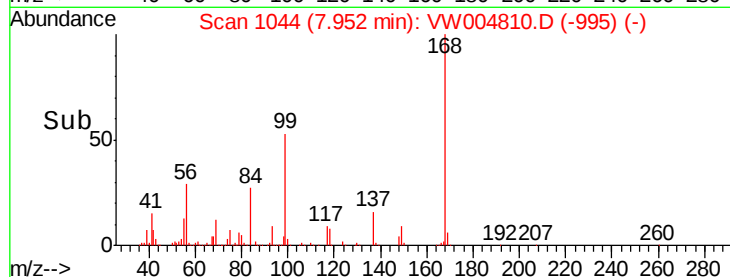
100000

50000

0

Time-->

7.80 7.90 8.00 8.10



#2

Dichlorodifluoromethane

Concen: 20.14 ug/l

RT: 2.01 min Scan# 69

Delta R.T. -0.00 min

Lab File: VW004810.D

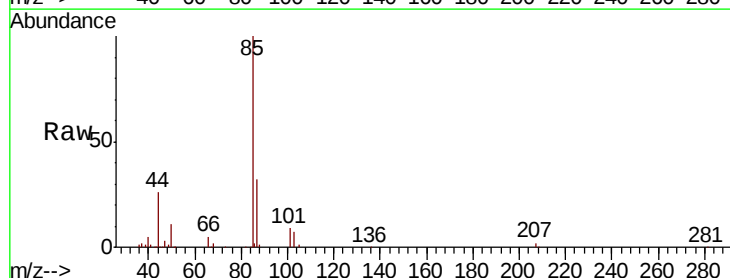
Acq: 21 Aug 2018 01:10

Tgt Ion: 85 Resp: 75432

Ion Ratio Lower Upper

85 100

87 32.3 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

20000

15000

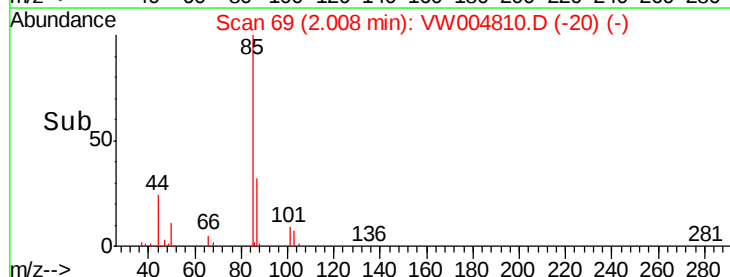
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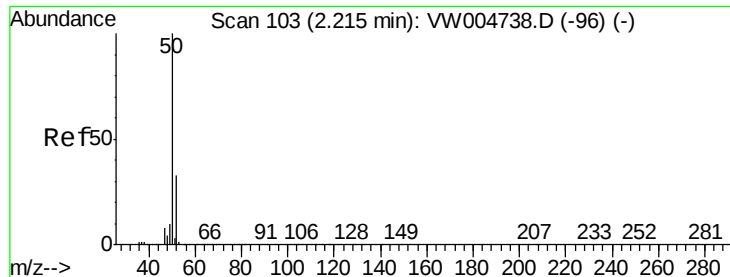
5000

0

Time-->

1.90 2.00 2.10 2.20 2.30





#3

Chloromethane

Concen: 19.79 ug/l

RT: 2.22 min Scan# 103

Delta R.T. -0.00 min

Lab File: VW004810.D

Acq: 21 Aug 2018 01:10

Instrument :

MSVOA_W

ClientSampleId :

VW0820SBSD02

Tot Ion: 50 Resp: 96905

Ion Ratio Lower Upper

50 100

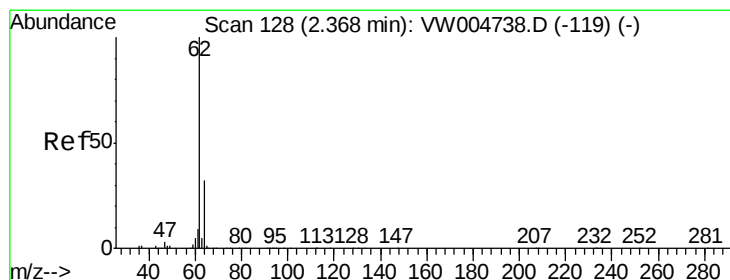
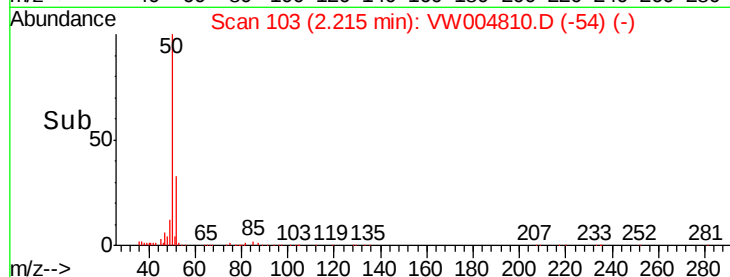
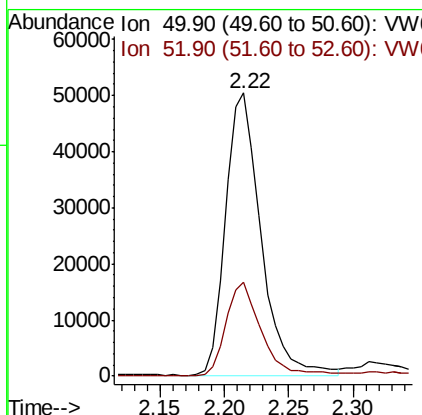
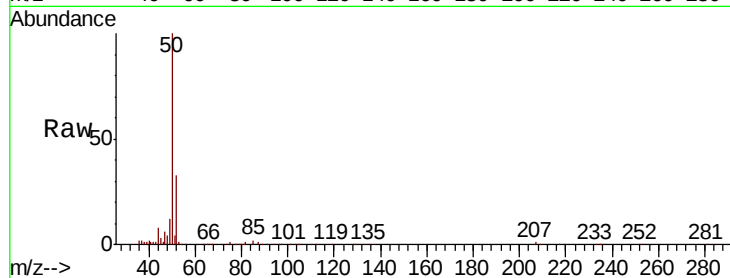
52 33.3 26.7 40.1

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#4

Vinyl Chloride

Concen: 21.97 ug/l

RT: 2.37 min Scan# 128

Delta R.T. -0.00 min

Lab File: VW004810.D

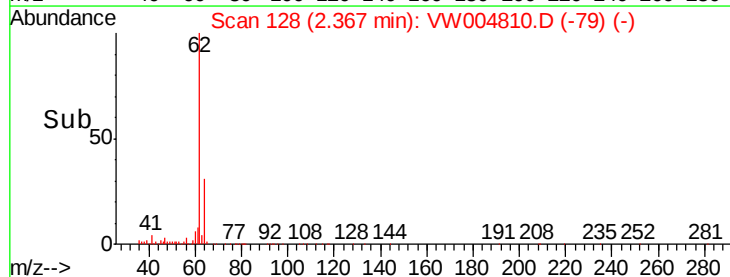
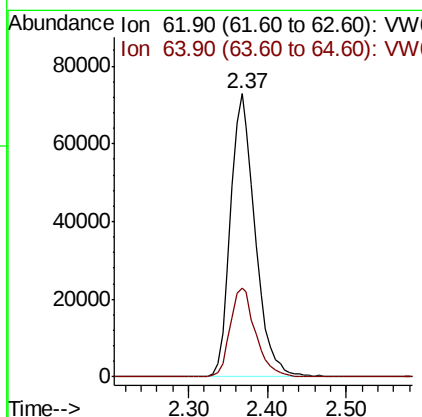
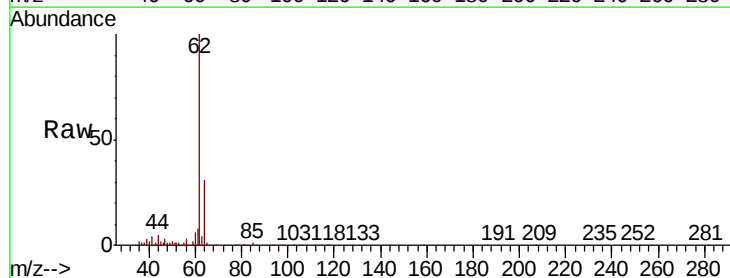
Acq: 21 Aug 2018 01:10

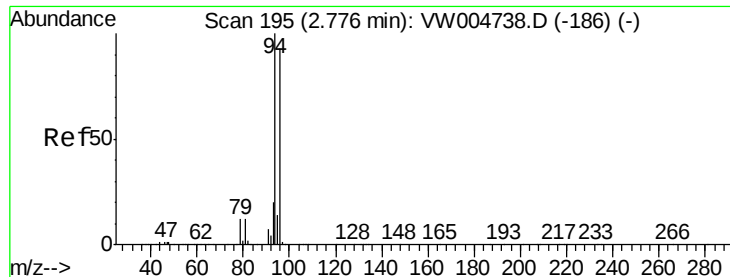
Tgt Ion: 62 Resp: 158415

Ion Ratio Lower Upper

62 100

64 31.1 25.2 37.8





#5

Bromomethane

Concen: 22.52 ug/l

RT: 2.78 min Scan# 196

Delta R.T. 0.01 min

Lab File: VW004810.D

Acq: 21 Aug 2018 01:10

Instrument :

MSVOA_W

ClientSampleId :

VW0820SBS02

Tot Ion: 94 Resp: 100278

Ion Ratio Lower Upper

94 100

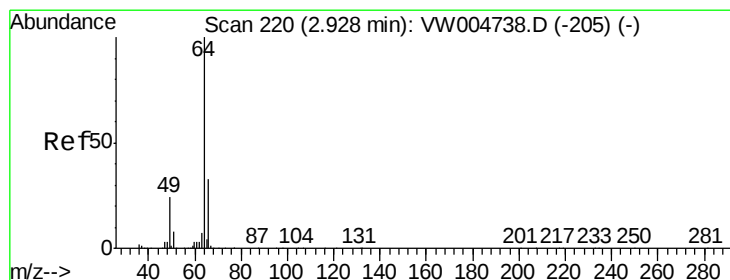
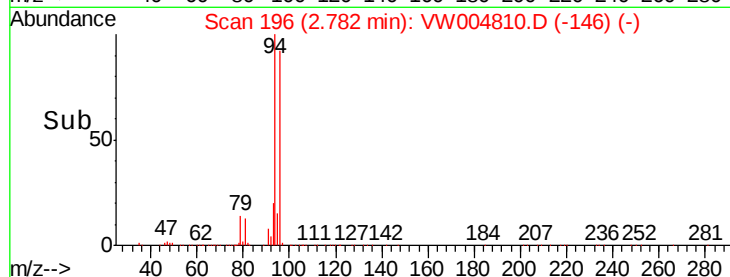
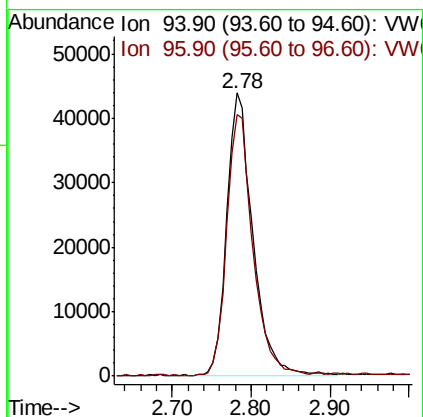
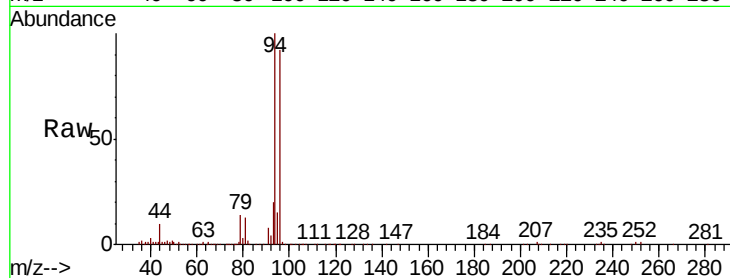
96 92.3 74.3 111.5

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#6

Chloroethane

Concen: 21.89 ug/l

RT: 2.93 min Scan# 220

Delta R.T. -0.00 min

Lab File: VW004810.D

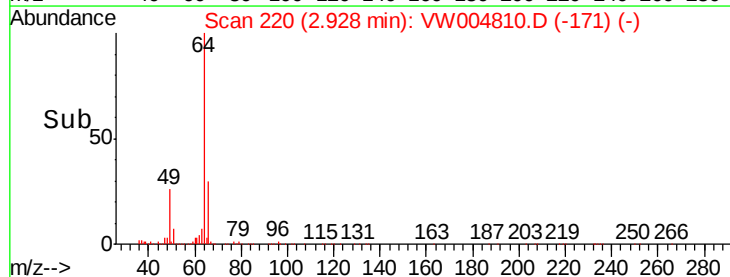
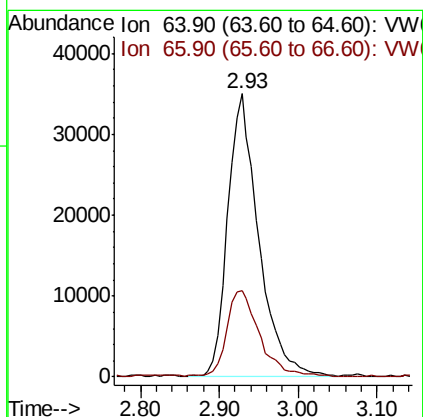
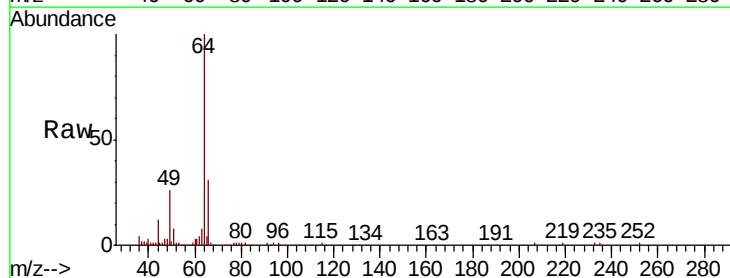
Acq: 21 Aug 2018 01:10

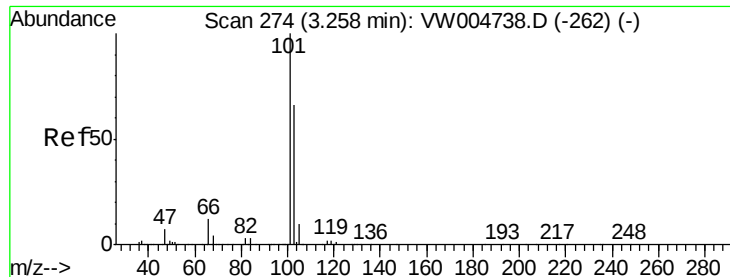
Tgt Ion: 64 Resp: 95214

Ion Ratio Lower Upper

64 100

66 30.4 26.1 39.1





#7

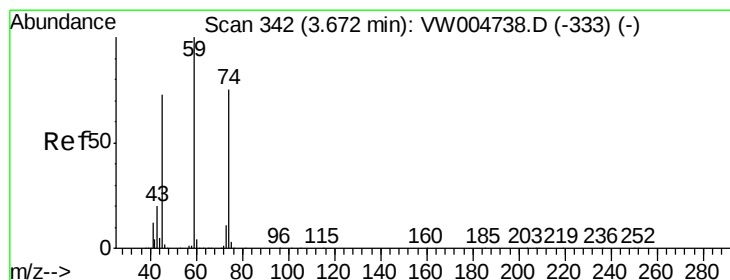
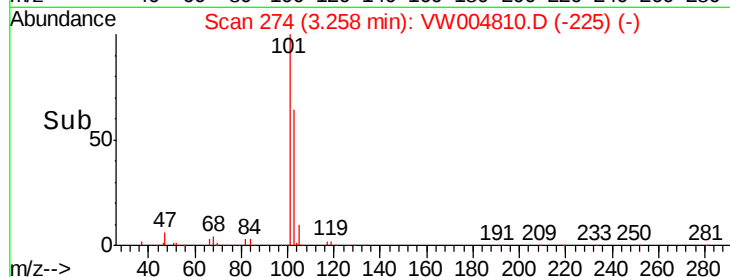
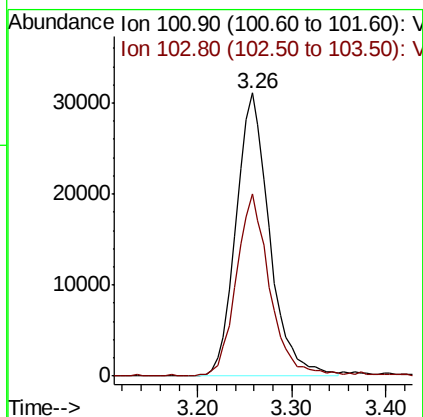
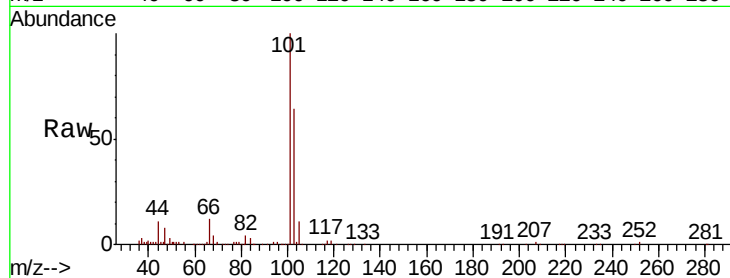
Trichlorofluoromethane
 Concen: 22.76 ug/l
 RT: 3.26 min Scan# 274
 Delta R.T. -0.00 min
 Lab File: VW004810.D
 Acq: 21 Aug 2018 01:10

Instrument :
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 VW0820SBSD02

Tot Ion	Ion	Ratio	Lower	Upper
101	100			
103	64.3	52.5	78.7	

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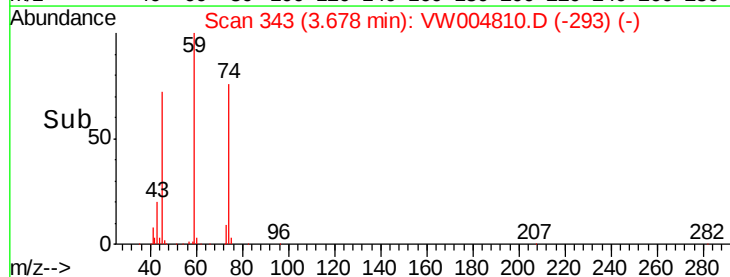
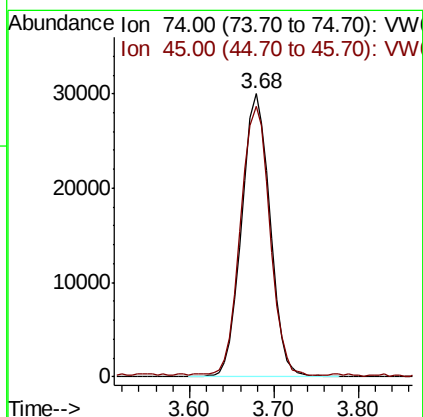
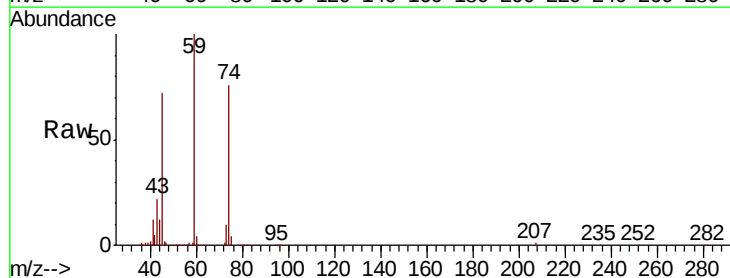
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 8/21/2018 12:47:39 PM

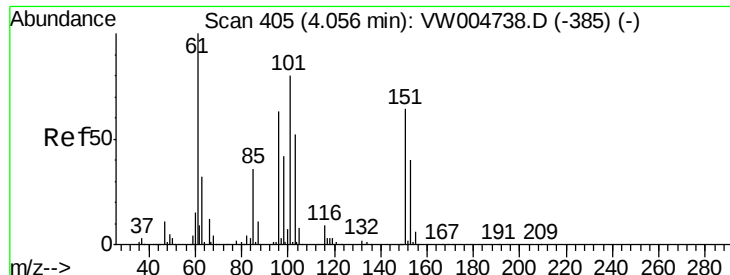


#8

Diethyl Ether
 Concen: 22.16 ug/l
 RT: 3.68 min Scan# 343
 Delta R.T. 0.01 min
 Lab File: VW004810.D
 Acq: 21 Aug 2018 01:10

Tgt Ion	Ion	Ratio	Lower	Upper
74	100			
45	98.5	49.8	149.3	





#9

1,1,2-Trichlorotrifluoroethane

Concen: 21.06 ug/l

RT: 4.06 min Scan# 405

Delta R.T. -0.00 min

Lab File: VW004810.D

Acq: 21 Aug 2018 01:10

Instrument :

MSVOA_W

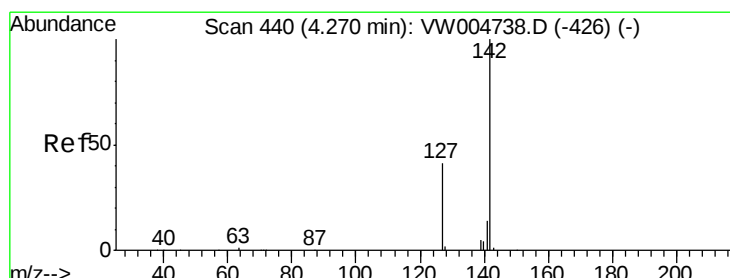
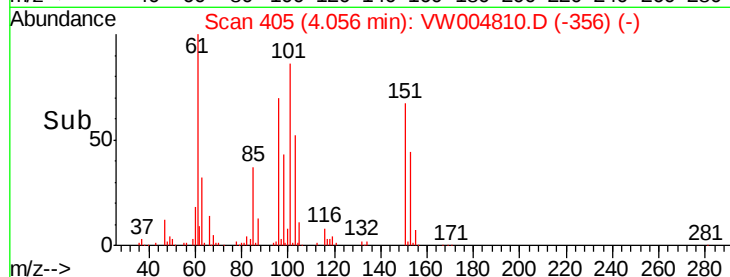
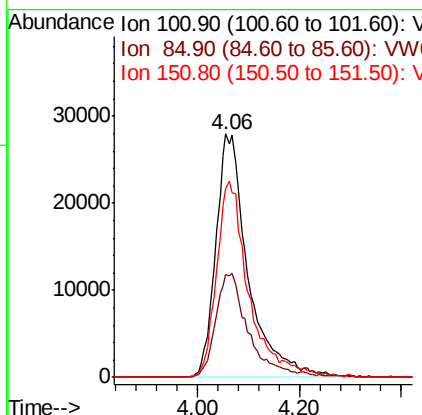
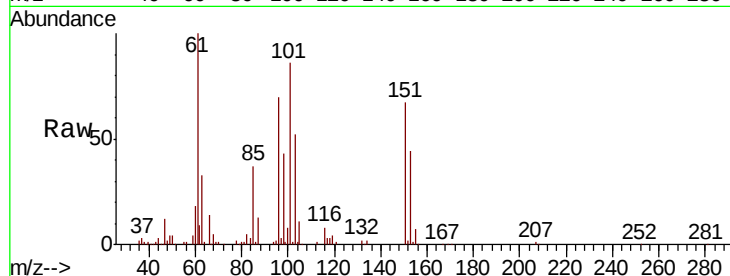
ClientSampleId :

VW0820SBSD02

Tot Ion:	101	Resp:	123185
Ion Ratio	Lower	Upper	
101	100		
85	42.5	33.9	50.9
151	80.2	63.4	95.2

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#10

Methyl Iodide

Concen: 21.98 ug/l

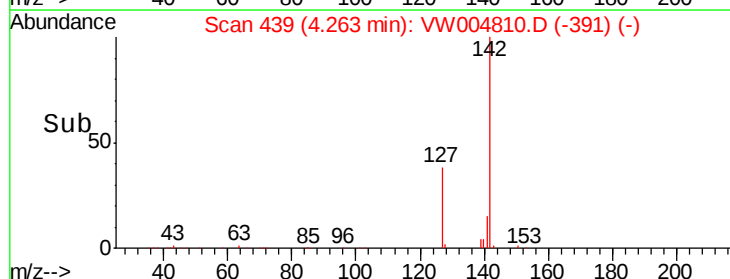
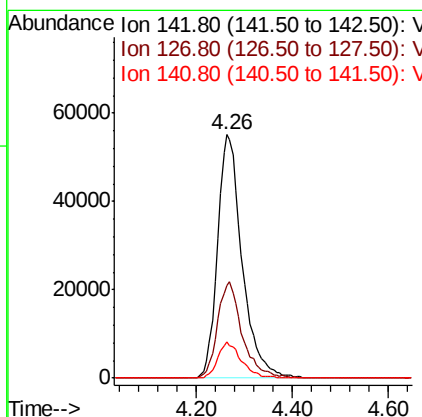
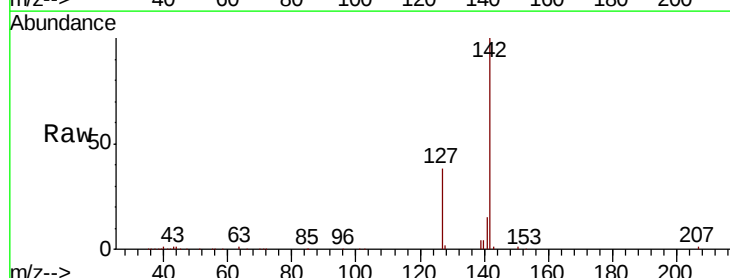
RT: 4.26 min Scan# 439

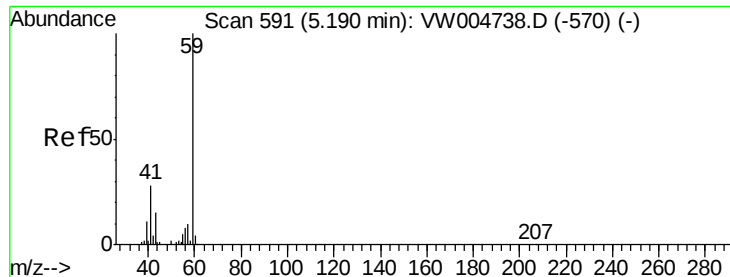
Delta R.T. -0.01 min

Lab File: VW004810.D

Acq: 21 Aug 2018 01:10

Tgt Ion:	142	Resp:	195245
Ion Ratio	Lower	Upper	
142	100		
127	39.8	32.1	48.1
141	14.1	11.7	17.5





#11

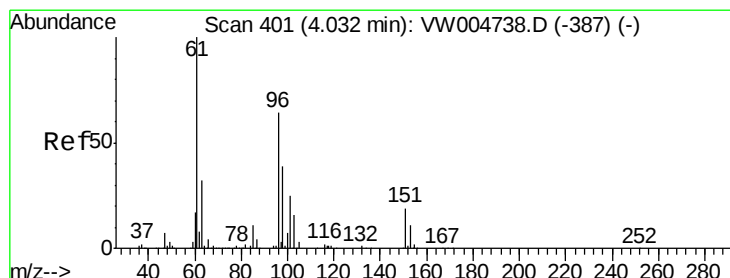
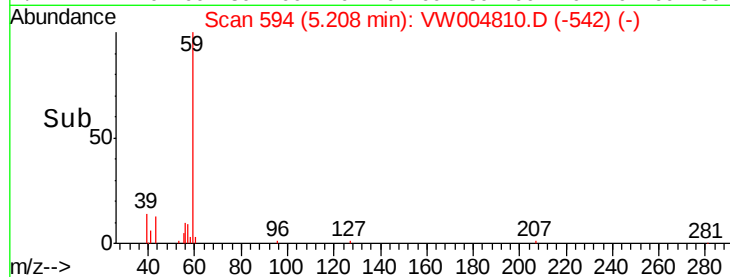
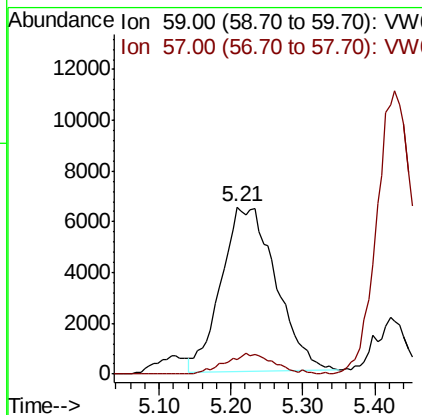
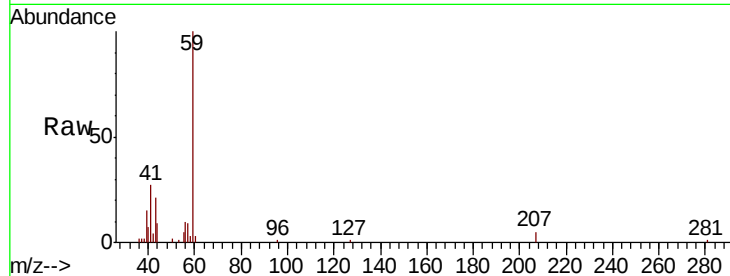
Tert butyl alcohol
 Concen: 112.79 ug/l
 RT: 5.21 min Scan# 594
 Delta R.T. 0.02 min
 Lab File: VW004810.D
 Acq: 21 Aug 2018 01:10

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0820SBS02

Tot Ion	Ion	Ratio	Resp	Lower	Upper
59	59	100			
57	57	10.8		8.4	12.6

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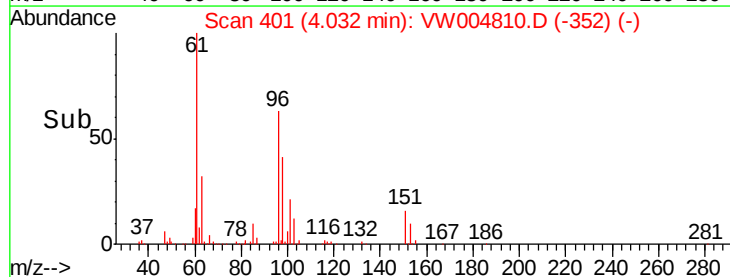
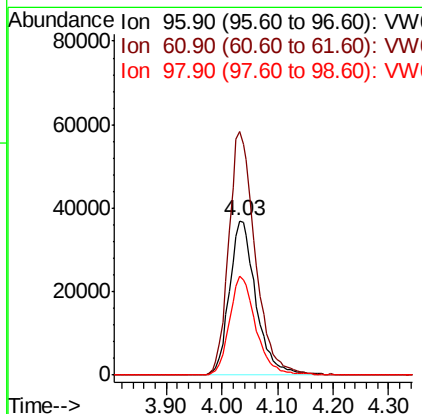
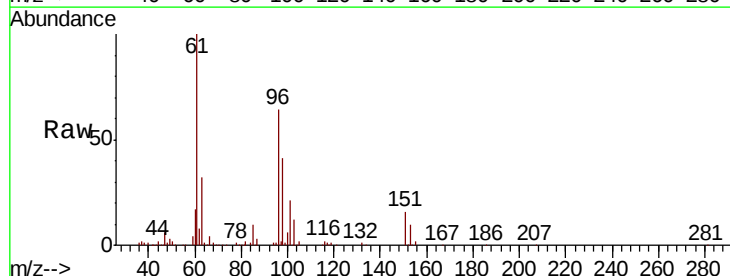
apatel
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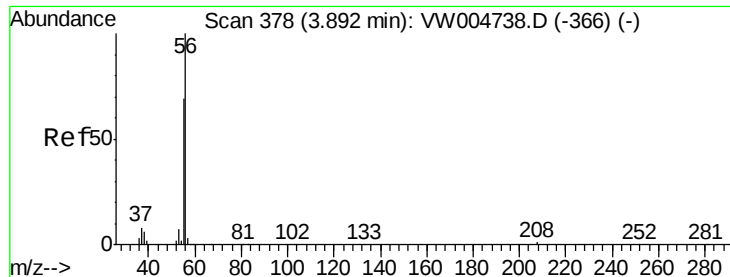


#12

1,1-Dichloroethene
 Concen: 20.95 ug/l
 RT: 4.03 min Scan# 401
 Delta R.T. -0.00 min
 Lab File: VW004810.D
 Acq: 21 Aug 2018 01:10

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
96	96	100			
61	61	157.4		125.6	188.4
98	98	63.9		49.4	74.0





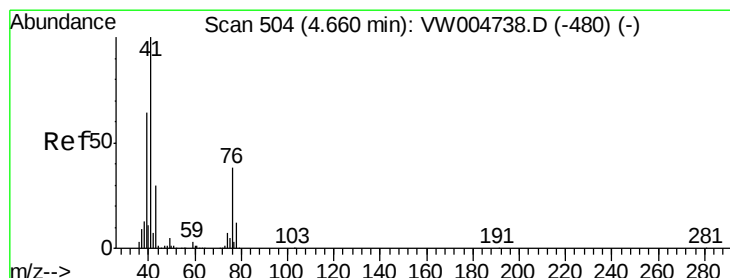
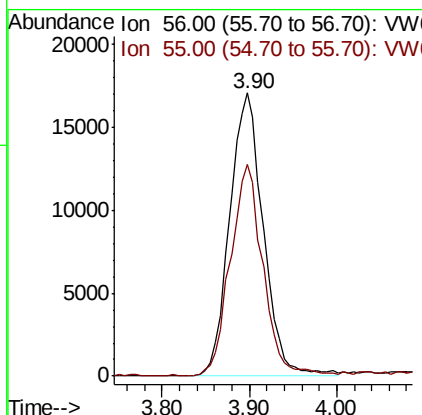
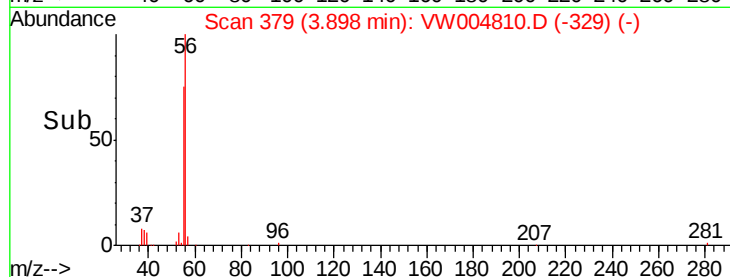
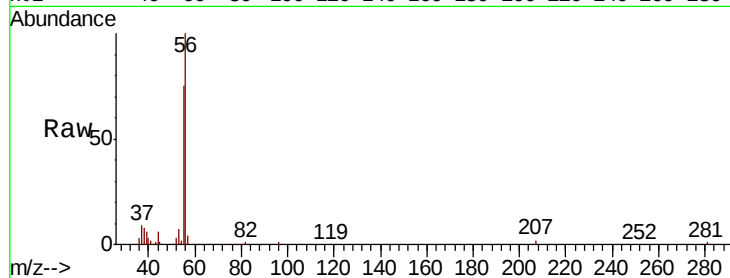
#13
Acrolein
Concen: 111.15 ug/l
RT: 3.90 min Scan# 379
Delta R.T. 0.01 min
Lab File: VW004810.D
Acq: 21 Aug 2018 01:10

Instrument :
MSVOA_W
ClientSampleId :
VW0820SBS02

Tot Ion	56	Resp	45559
Ion Ratio	100	Lower	Upper
55	73.0	56.1	84.1

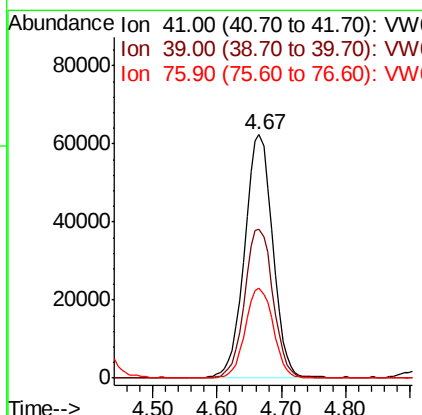
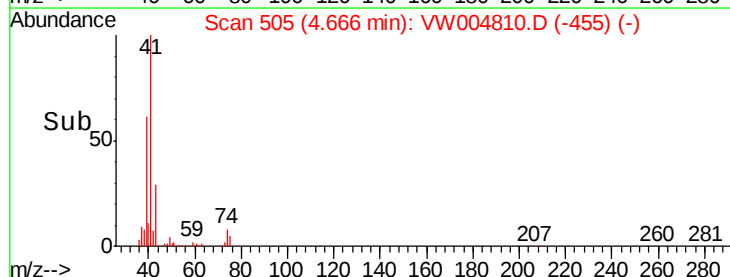
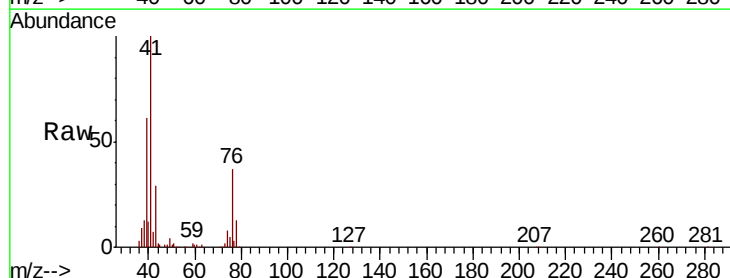
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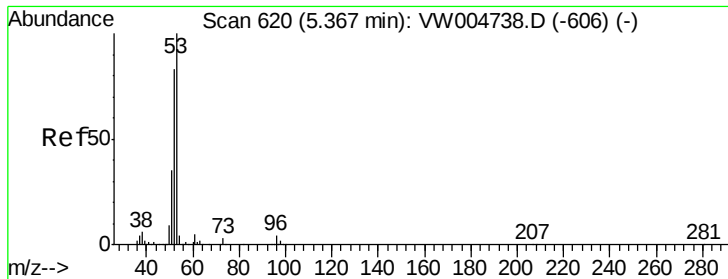
apatel
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#14
Allyl chloride
Concen: 21.05 ug/l
RT: 4.67 min Scan# 505
Delta R.T. 0.01 min
Lab File: VW004810.D
Acq: 21 Aug 2018 01:10

Tgt Ion	41	Resp	186207
Ion Ratio	100	Lower	Upper
39	61.9	50.0	75.0
76	36.8	29.8	44.6





#15

Acrylonitrile

Concen: 109.99 ug/l

RT: 5.38 min Scan# 622

Delta R.T. 0.01 min

Lab File: VW004810.D

Acq: 21 Aug 2018 01:10

Instrument :

MSVOA_W

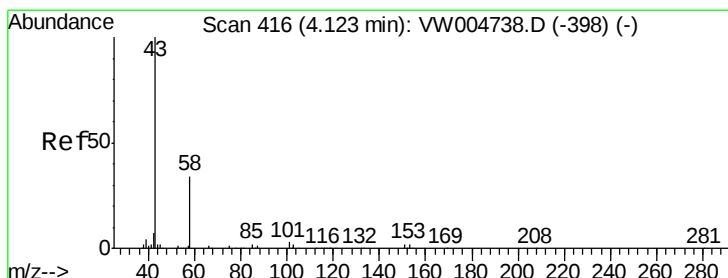
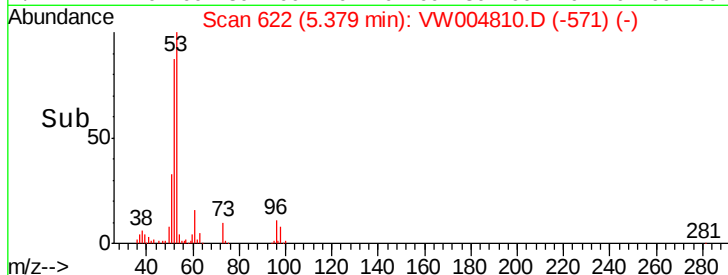
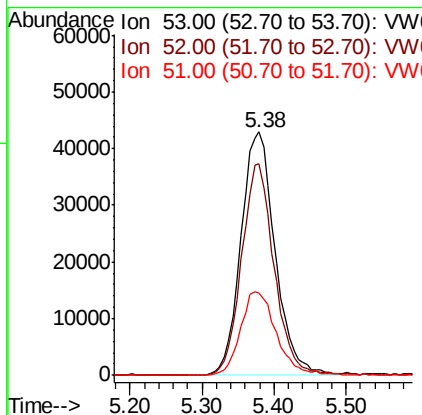
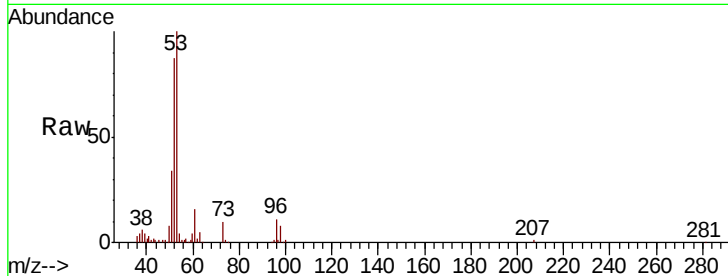
ClientSampleId :

VW0820SBSD02

Tot Ion:	53	Resp:	141643
Ion Ratio	Lower	Upper	
53	100		
52	83.1	65.8	98.6
51	36.0	28.7	43.1

Manual Integrations
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#16

Acetone

Concen: 99.83 ug/l

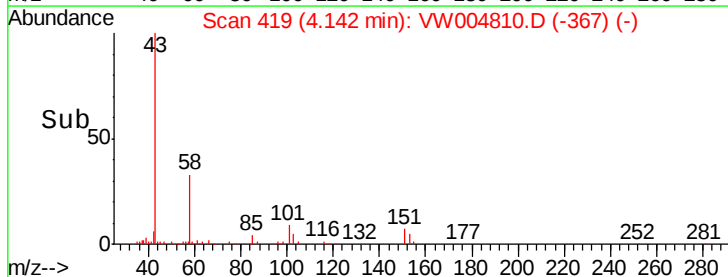
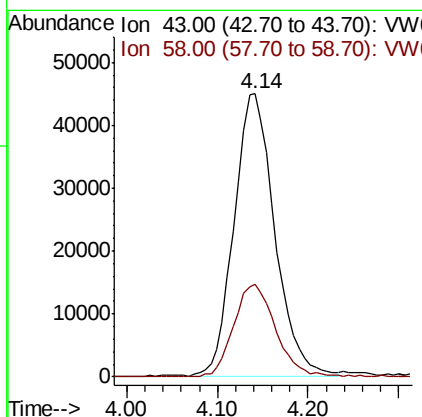
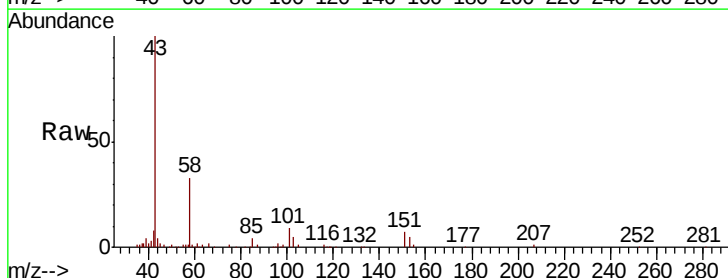
RT: 4.14 min Scan# 419

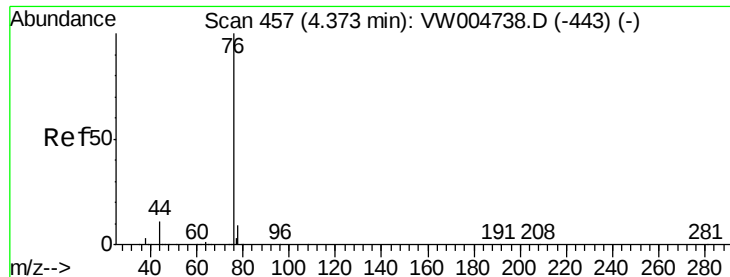
Delta R.T. 0.02 min

Lab File: VW004810.D

Acq: 21 Aug 2018 01:10

Tgt Ion:	43	Resp:	139329
Ion Ratio	Lower	Upper	
43	100		
58	32.5	27.3	40.9





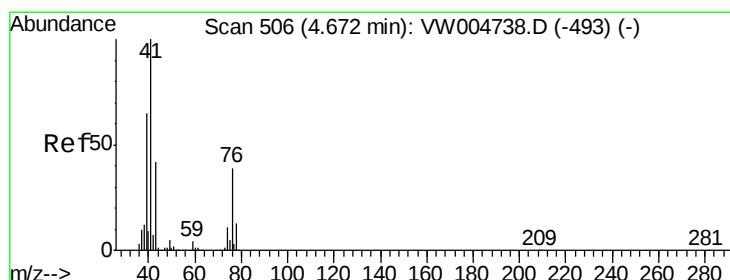
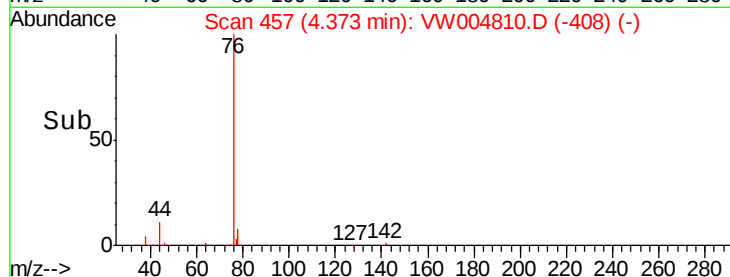
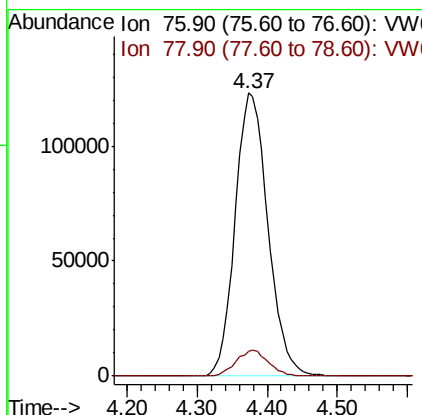
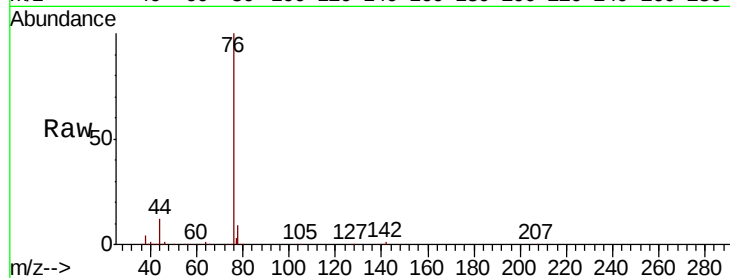
#17
Carbon Disulfide
Concen: 20.95 ug/l
RT: 4.37 min Scan# 457
Delta R.T. -0.00 min
Lab File: VW004810.D
Acq: 21 Aug 2018 01:10

Instrument :
MSVOA_W
ClientSampleId :
VW0820SBSD02

Tot Ion	Ratio	Lower	Upper
76	100		
78	8.6	7.4	11.2

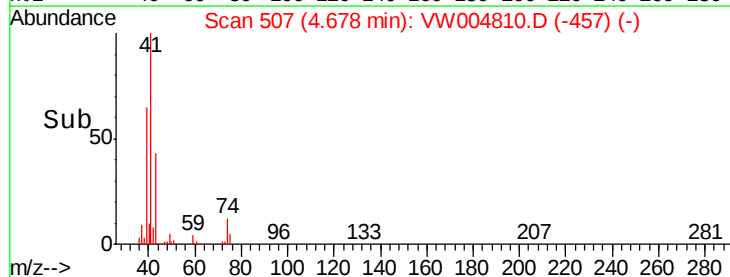
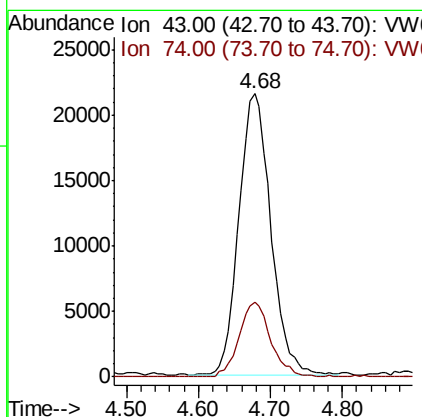
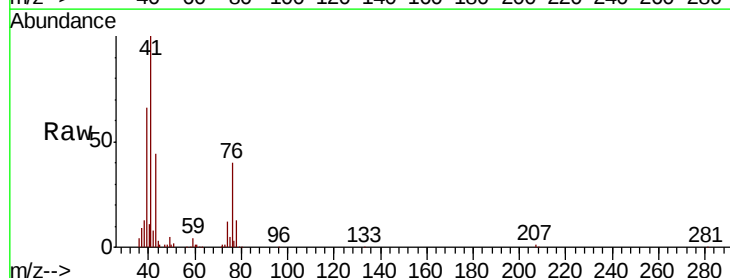
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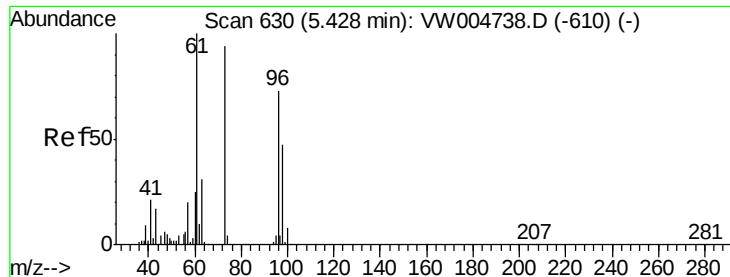
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#18
Methyl Acetate
Concen: 22.21 ug/l
RT: 4.68 min Scan# 507
Delta R.T. 0.01 min
Lab File: VW004810.D
Acq: 21 Aug 2018 01:10

Tgt Ion	Ratio	Lower	Upper
43	100		
74	26.0	19.8	29.8





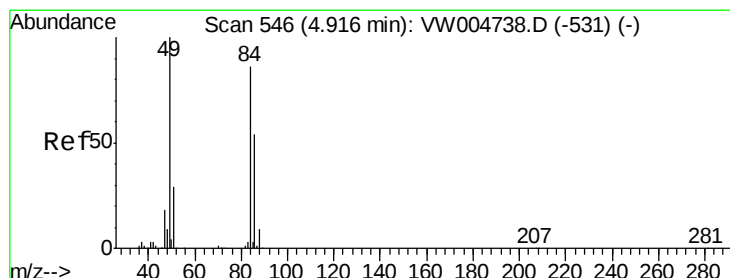
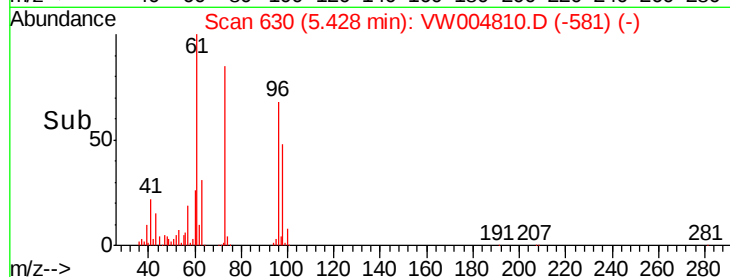
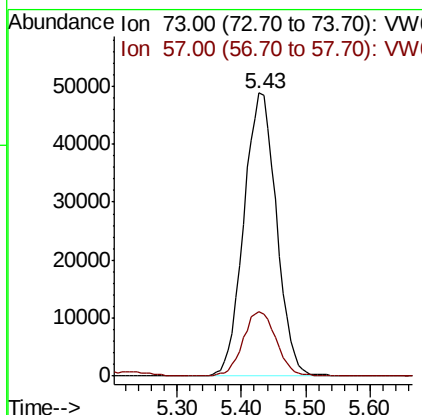
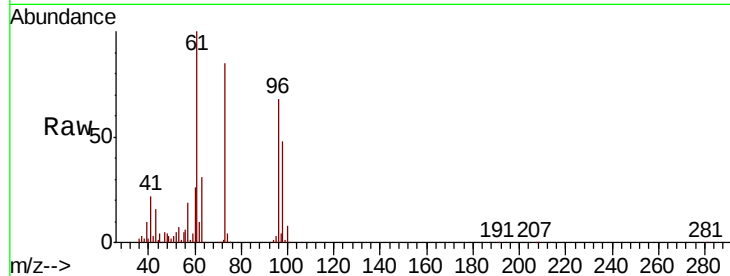
#19
Methvl tert-butvl Ether
Concen: 22.41 ug/l
RT: 5.43 min Scan# 630
Delta R.T. -0.00 min
Lab File: VW004810.D
Acq: 21 Aug 2018 01:10

Instrument :
MSVOA_W
ClientSampleId :
VW0820SBSD02

Tot Ion	Ratio	Lower	Upper
73	100		
57	22.9	17.3	25.9

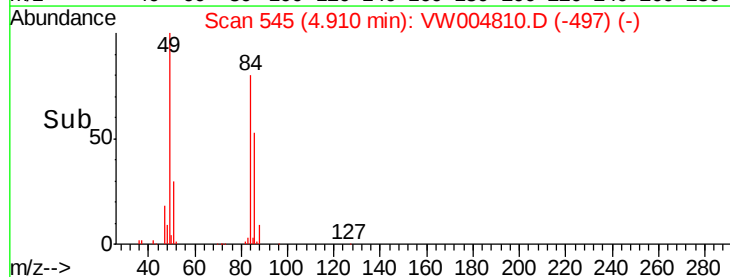
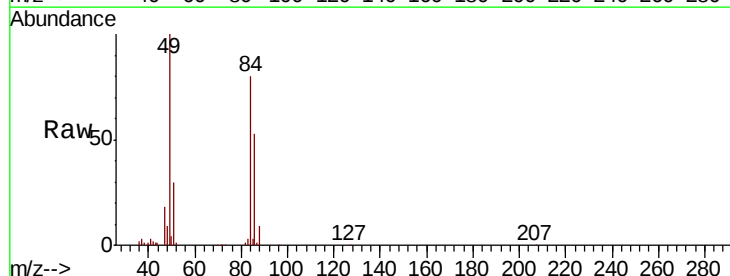
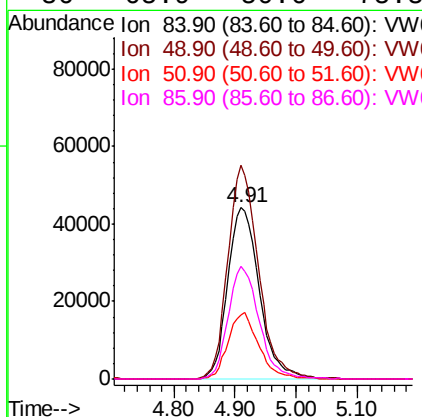
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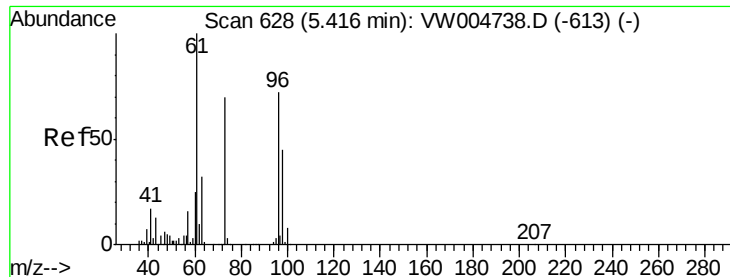
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#20
Methylene Chloride
Concen: 22.42 ug/l
RT: 4.91 min Scan# 545
Delta R.T. -0.01 min
Lab File: VW004810.D
Acq: 21 Aug 2018 01:10

Tgt Ion	Ratio	Lower	Upper
84	100		
49	124.8	93.2	139.8
51	37.4	27.4	41.0
86	65.9	50.6	75.8





#21

trans-1,2-Dichloroethene

Concen: 21.07 ug/l

RT: 5.42 min Scan# 629

Delta R.T. 0.01 min

Lab File: VW004810.D

Acq: 21 Aug 2018 01:10

Instrument :

MSVOA_W

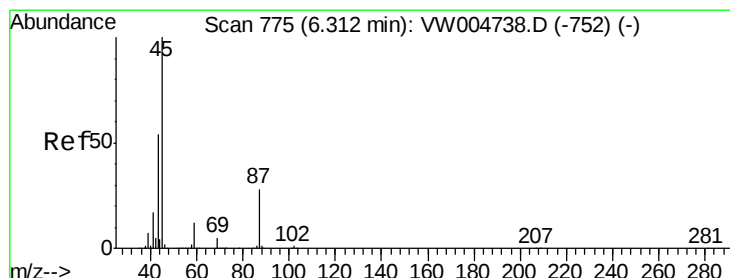
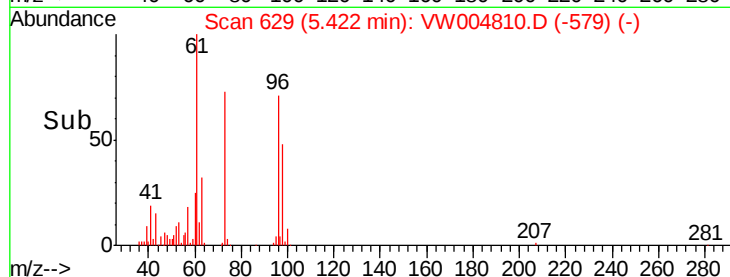
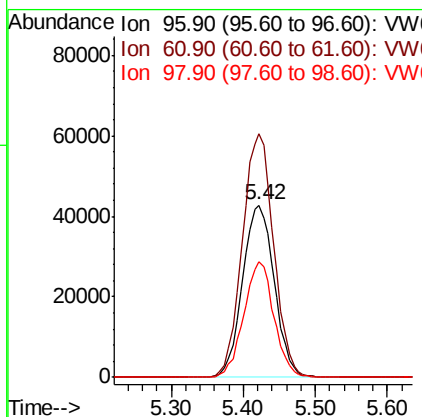
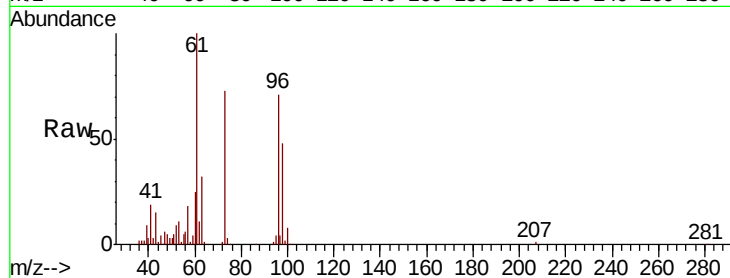
ClientSampleId :

VW0820SBSD02

Tot Ion:	96	Resp:	130654
Ion	Ratio	Lower	Upper
96	100		
61	141.5	111.4	167.0
98	67.4	49.7	74.5

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#22

Diisopropyl ether

Concen: 23.21 ug/l

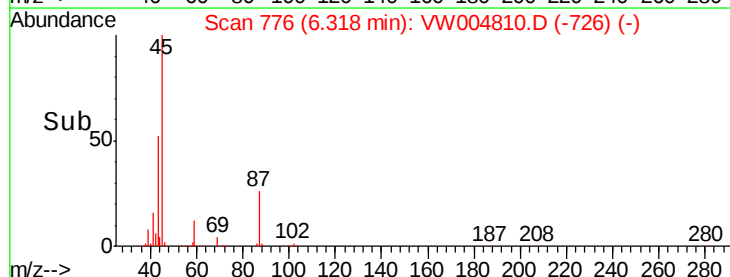
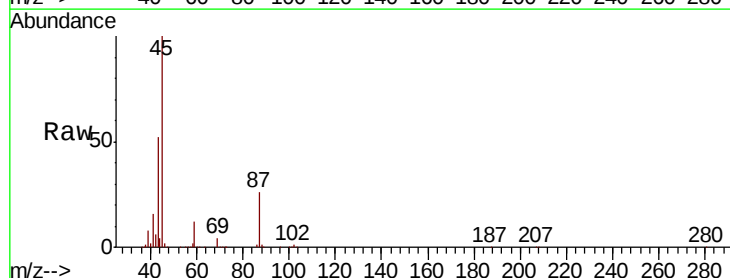
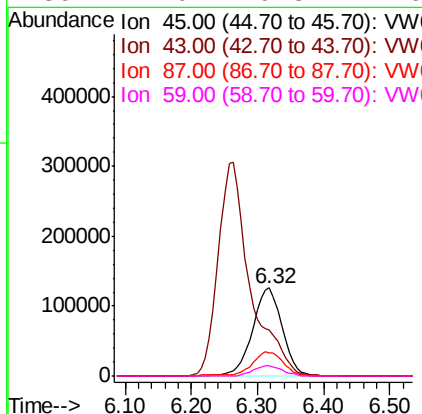
RT: 6.32 min Scan# 776

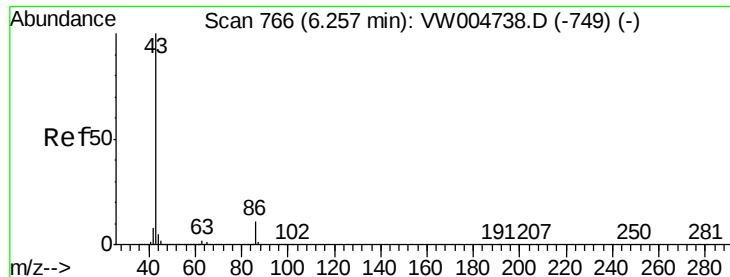
Delta R.T. 0.01 min

Lab File: VW004810.D

Acq: 21 Aug 2018 01:10

Tgt Ion:	45	Resp:	394487
Ion	Ratio	Lower	Upper
45	100		
43	51.5	43.0	64.6
87	26.3	22.2	33.4
59	12.0	9.8	14.6





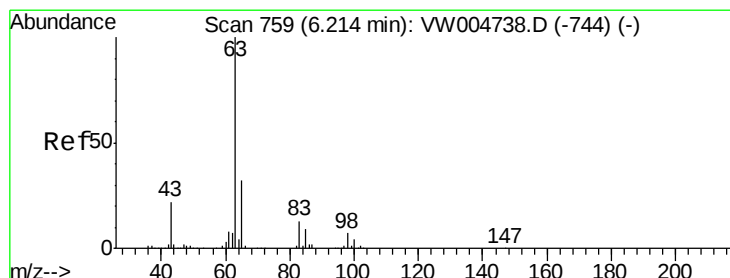
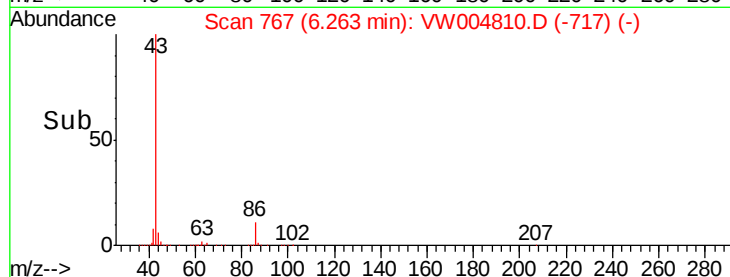
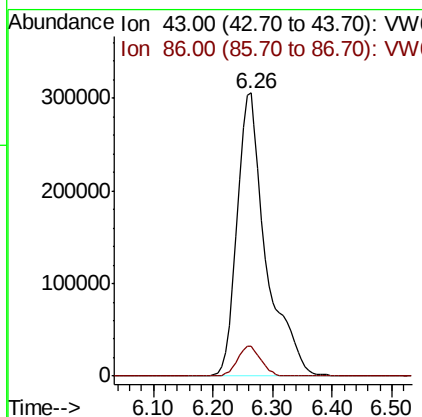
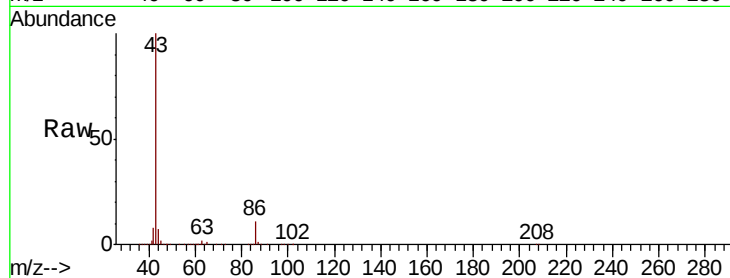
#23
 Vinyl Acetate
 Concen: 107.20 ug/l
 RT: 6.26 min Scan# 767
 Delta R.T. 0.01 min
 Lab File: VW004810.D
 Acq: 21 Aug 2018 01:10

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0820SBSD02

Tot Ion: 43 Resp: 1030720
 Ion Ratio Lower Upper
 43 100
 86 10.7 8.5 12.7

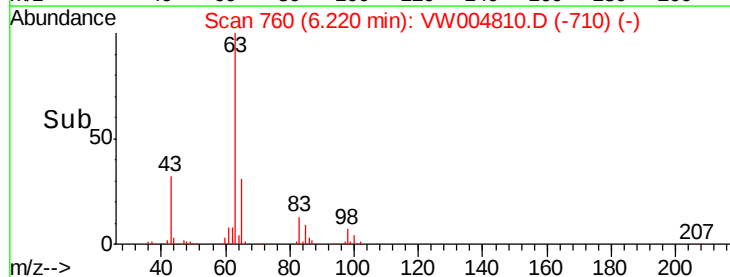
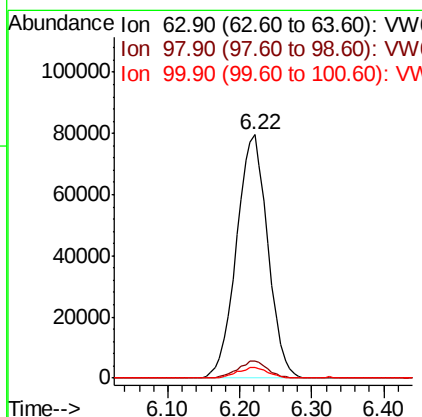
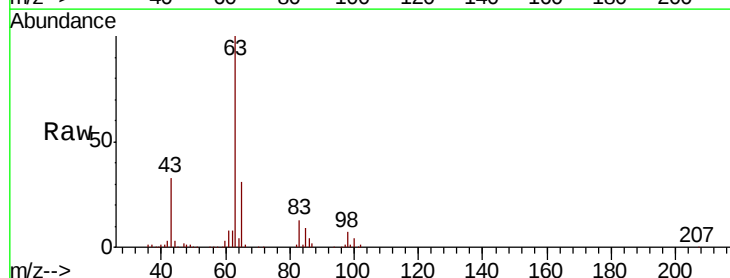
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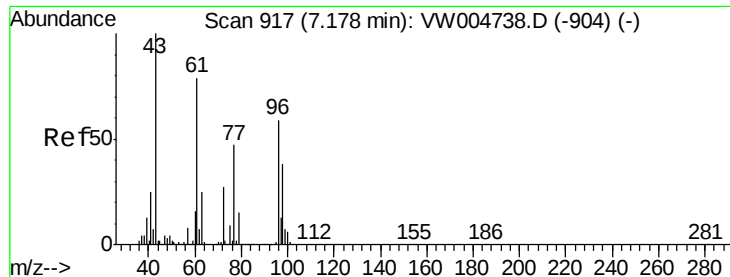
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#24
 1,1-Dichloroethane
 Concen: 21.72 ug/l
 RT: 6.22 min Scan# 760
 Delta R.T. 0.01 min
 Lab File: VW004810.D
 Acq: 21 Aug 2018 01:10

Tgt Ion: 63 Resp: 239987
 Ion Ratio Lower Upper
 63 100
 98 6.8 3.5 10.4
 100 4.3 2.1 6.3





#25

2-Butanone

Concen: 105.00 ug/l

RT: 7.18 min Scan# 918

Delta R.T. 0.01 min

Lab File: VW004810.D

Acq: 21 Aug 2018 01:10

Instrument :

MSVOA_W

ClientSampleId :

VW0820SBSD02

Tot Ion: 43 Resp: 208809

Ion Ratio Lower Upper

43 100

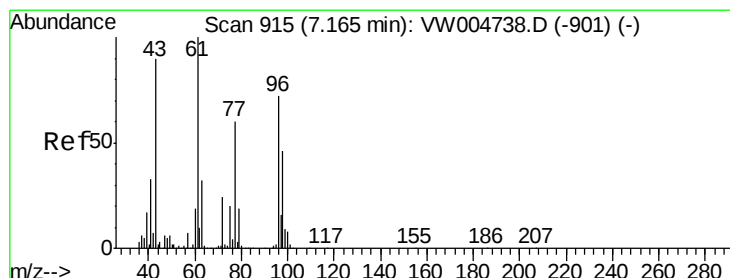
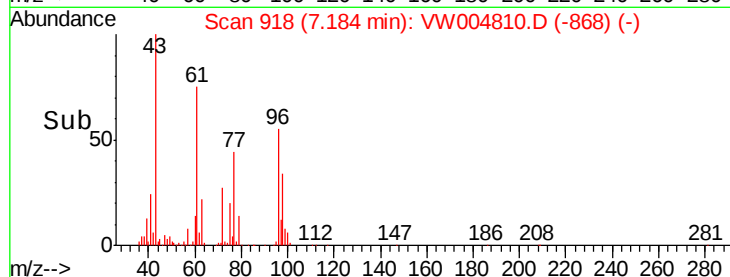
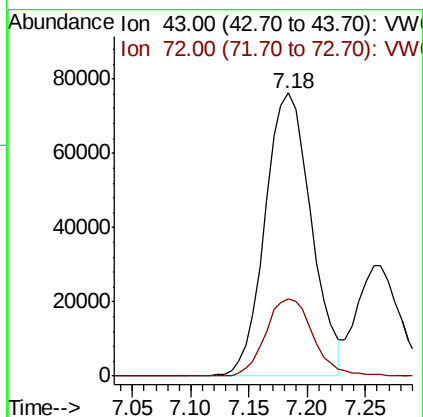
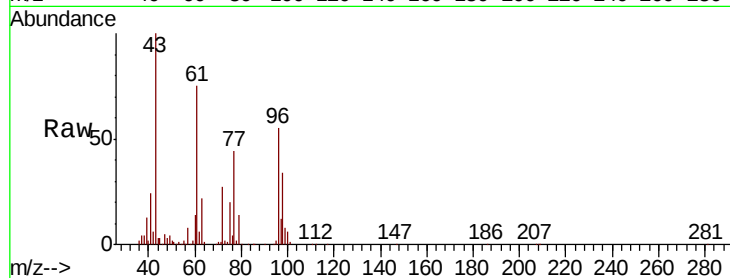
72 27.4 22.0 33.0

Manual Integrations

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#26

2,2-Dichloropropane

Concen: 20.74 ug/l

RT: 7.17 min Scan# 916

Delta R.T. 0.01 min

Lab File: VW004810.D

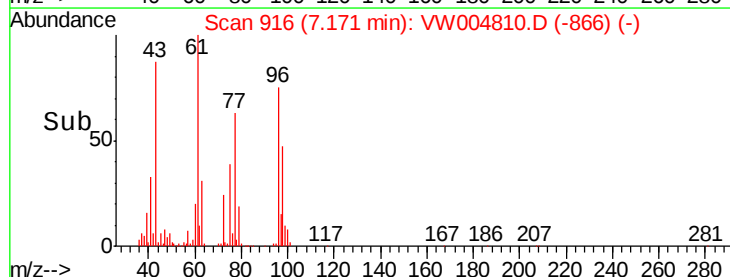
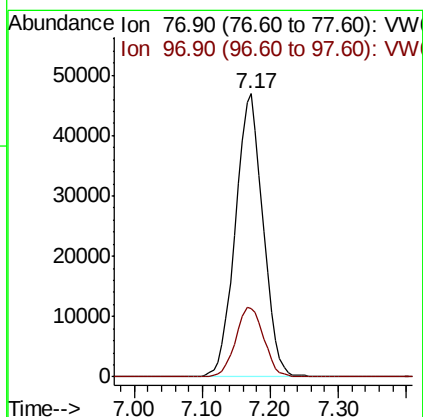
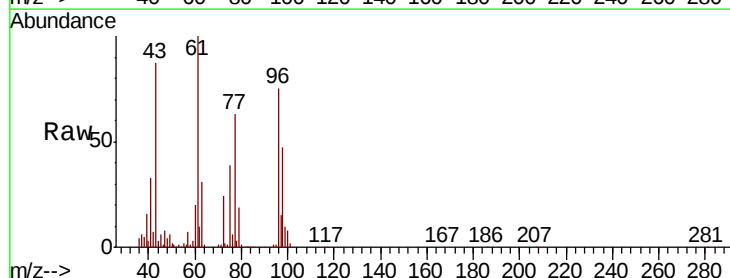
Acq: 21 Aug 2018 01:10

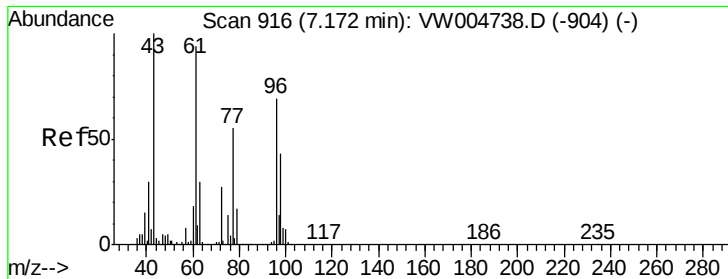
Tgt Ion: 77 Resp: 132335

Ion Ratio Lower Upper

77 100

97 25.0 12.6 37.8





#27

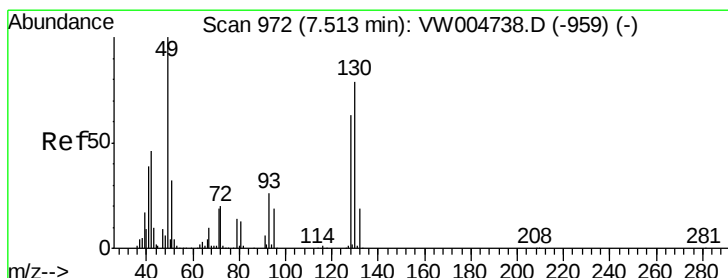
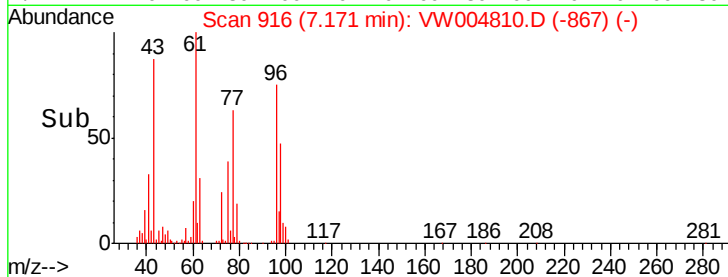
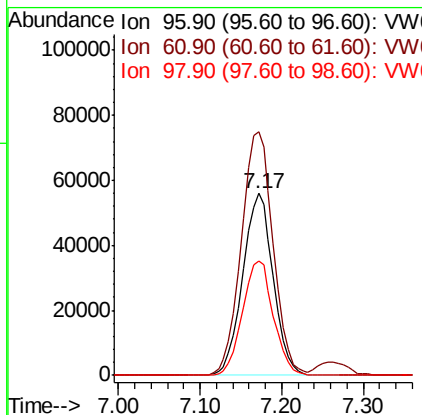
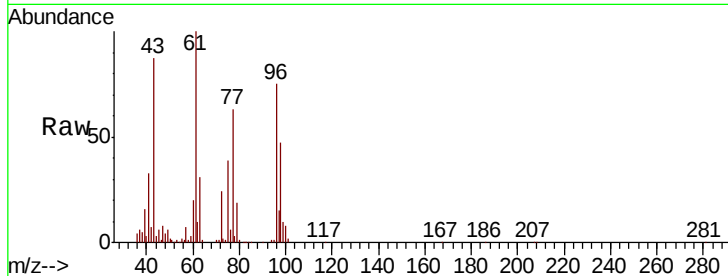
cis-1,2-Dichloroethene
 Concen: 21.75 ug/l
 RT: 7.17 min Scan# 916
 Delta R.T. -0.00 min
 Lab File: VW004810.D
 Acq: 21 Aug 2018 01:10

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0820SBS02

Tot Ion	Ratio	Lower	Upper
96	100		
61	139.9	0.0	277.6
98	63.7	0.0	127.4

Manual Integrations
 APPROVED

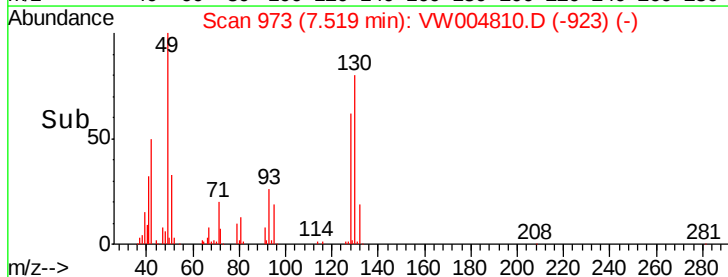
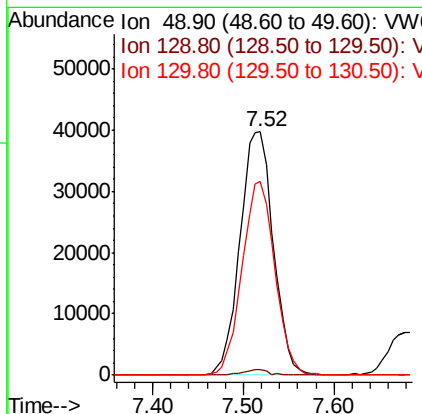
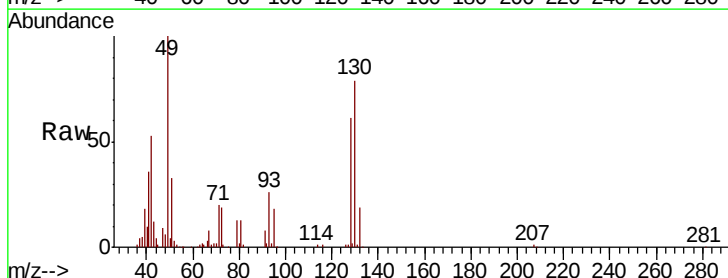
apatel
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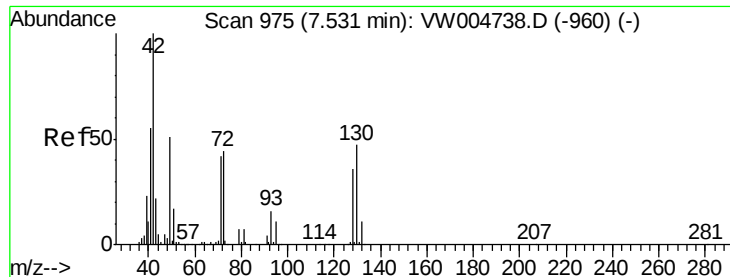


#28

Bromochloromethane
 Concen: 21.79 ug/l
 RT: 7.52 min Scan# 973
 Delta R.T. 0.01 min
 Lab File: VW004810.D
 Acq: 21 Aug 2018 01:10

Tgt Ion	Ratio	Lower	Upper
49	100		
129	1.7	0.0	4.4
130	78.2	63.7	95.5





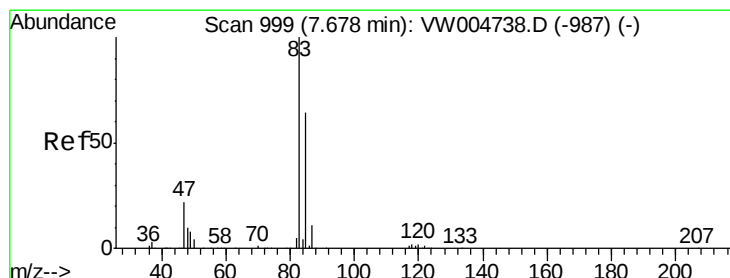
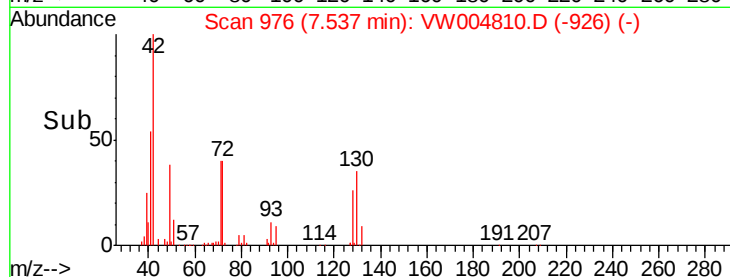
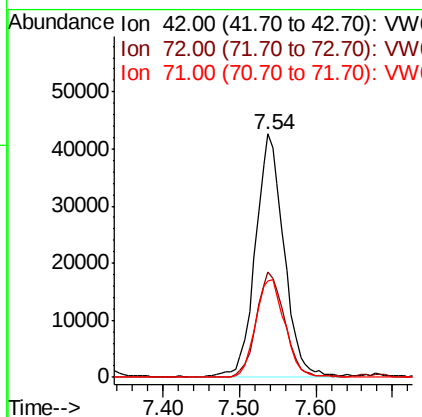
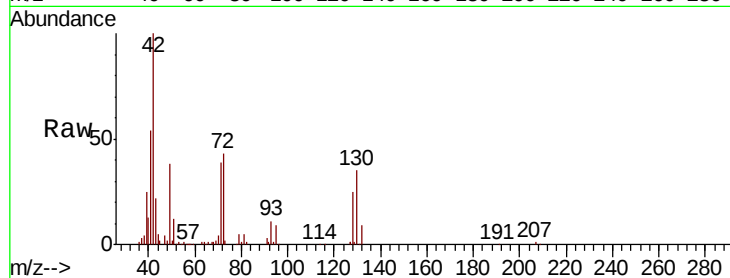
#29
Tetrahydrofuran
Concen: 108.44 ug/l
RT: 7.54 min Scan# 976
Delta R.T. 0.01 min
Lab File: VW004810.D
Acq: 21 Aug 2018 01:10

Instrument :
MSVOA_W
ClientSampleId :
VW0820SBS02

Tot Ion	Ratio	Lower	Upper
42	100		
72	43.3	34.9	52.3
71	41.9	33.8	50.6

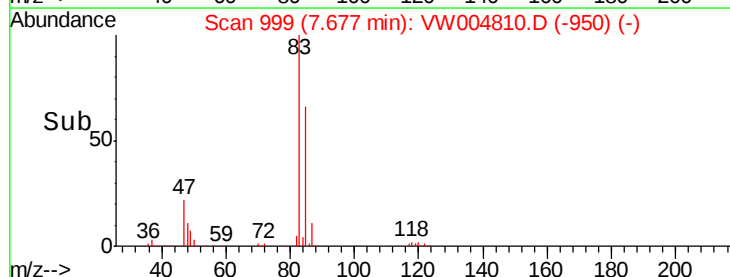
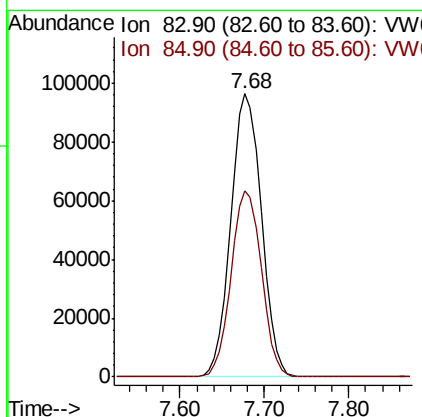
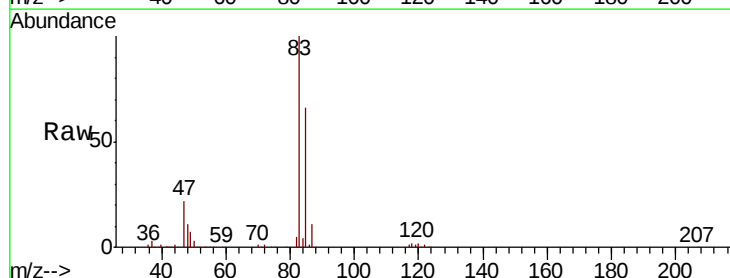
Manual Integrations
APPROVED

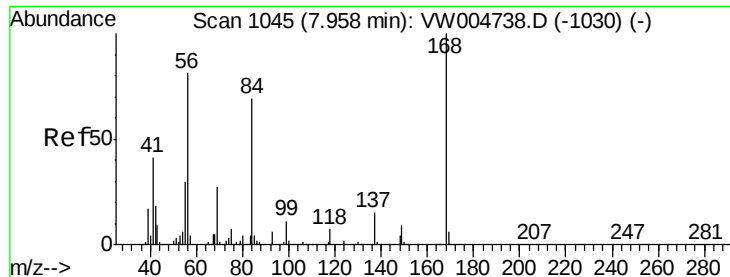
apatel
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#30
Chloroform
Concen: 21.85 ug/l
RT: 7.68 min Scan# 999
Delta R.T. -0.00 min
Lab File: VW004810.D
Acq: 21 Aug 2018 01:10

Tgt Ion	Ratio	Lower	Upper
83	100		
85	65.8	51.0	76.6





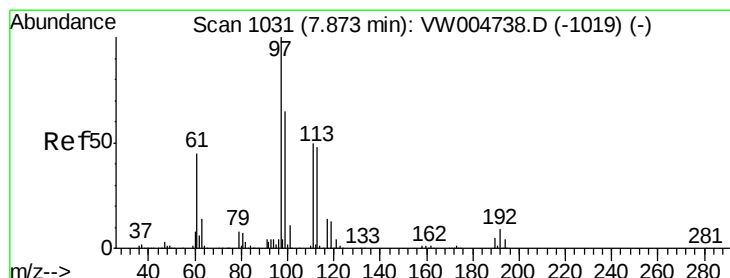
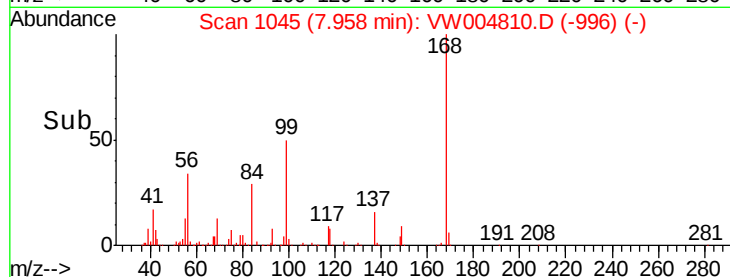
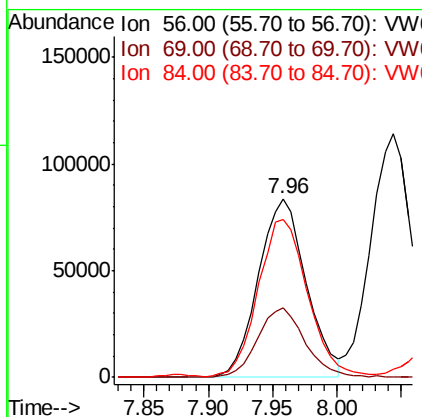
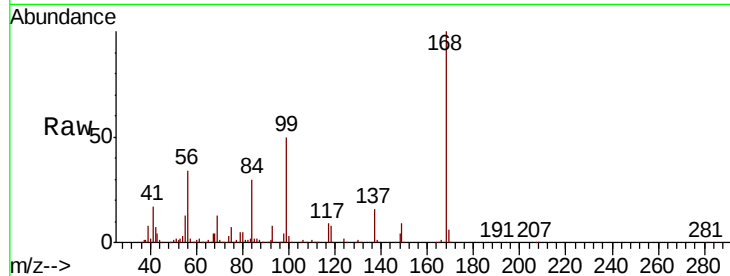
#31
Cyclohexane
Concen: 20.25 ug/l
RT: 7.96 min Scan# 1045
Delta R.T. -0.00 min
Lab File: VW004810.D
Acq: 21 Aug 2018 01:10

Instrument :
MSVOA_W
ClientSampled :
VW0820SBSD02

Tot Ion	Ratio	Lower	Upper
56	100		
69	38.8	27.1	40.7
84	86.8	68.3	102.5

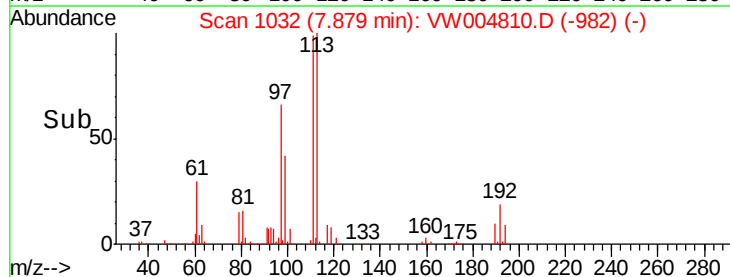
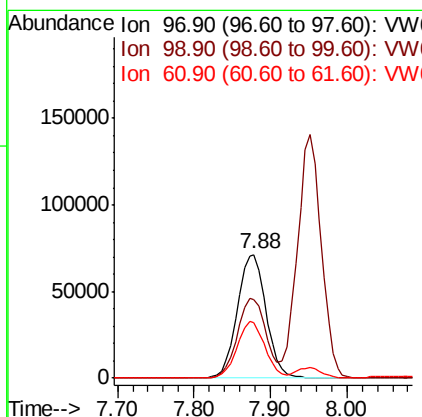
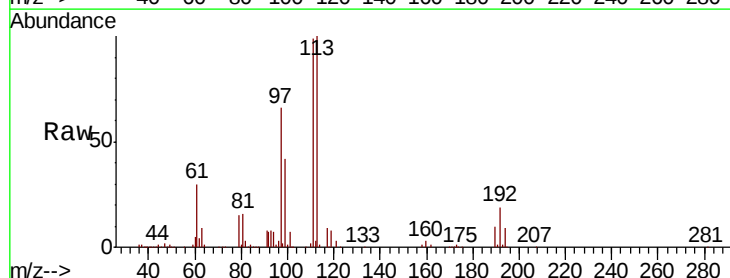
Manual Integrations
APPROVED

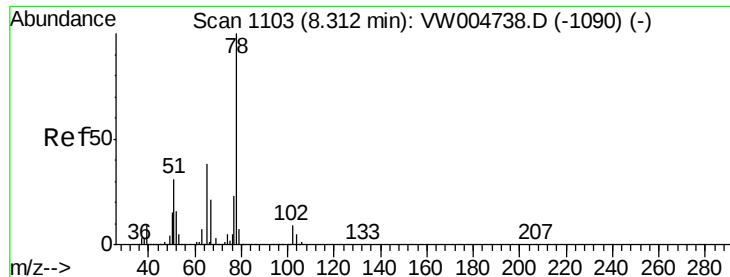
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#32
1,1,1-Trichloroethane
Concen: 21.52 ug/l
RT: 7.88 min Scan# 1032
Delta R.T. 0.01 min
Lab File: VW004810.D
Acq: 21 Aug 2018 01:10

Tgt Ion	Ratio	Lower	Upper
97	100		
99	63.8	51.7	77.5
61	44.5	34.4	51.6





#33

1,2-Dichloroethane-d4

Concen: 53.98 ug/l

RT: 8.31 min Scan# 1103

Delta R.T. -0.00 min

Lab File: VW004810.D

Acq: 21 Aug 2018 01:10

Instrument :

MSVOA_W

ClientSampleId :

VW0820SBS02

Tot Ion: 65 Resp: 295125

Ion Ratio Lower Upper

65 100

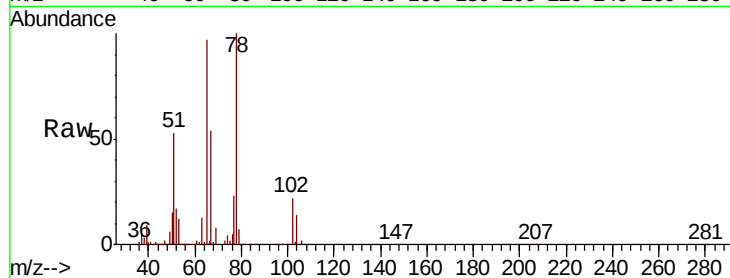
67 55.0 0.0 109.4

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

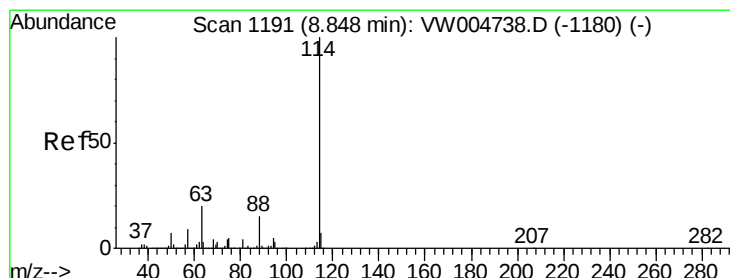
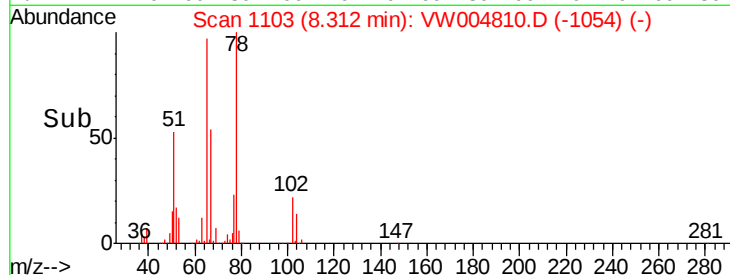
100000

50000

0

8.20 8.25 8.30 8.35 8.40

Time-->



#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 8.85 min Scan# 1191

Delta R.T. -0.00 min

Lab File: VW004810.D

Acq: 21 Aug 2018 01:10

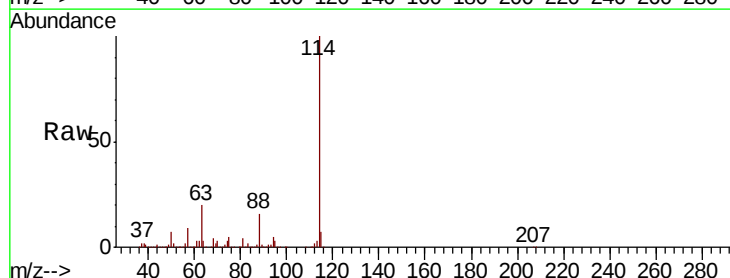
Tgt Ion: 114 Resp: 876442

Ion Ratio Lower Upper

114 100

63 20.0 0.0 39.0

88 15.7 0.0 30.0



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VW

Ion 87.90 (87.60 to 88.60): VW

600000

500000

400000

300000

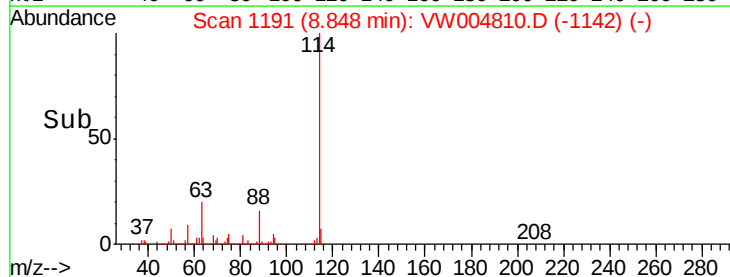
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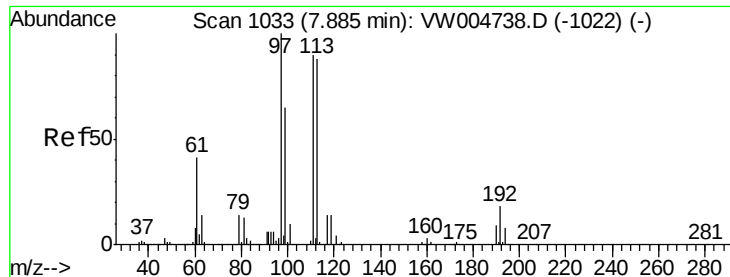
100000

0

8.80 8.90

Time-->





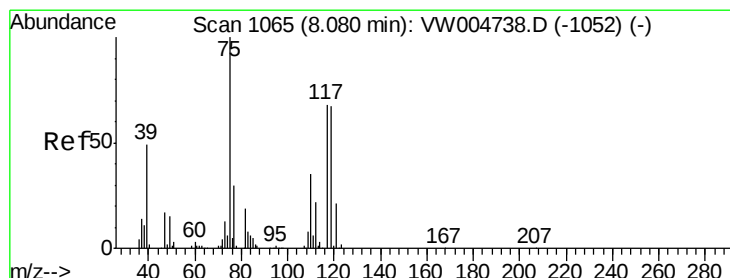
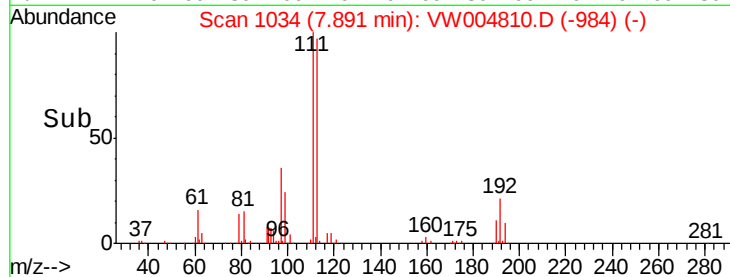
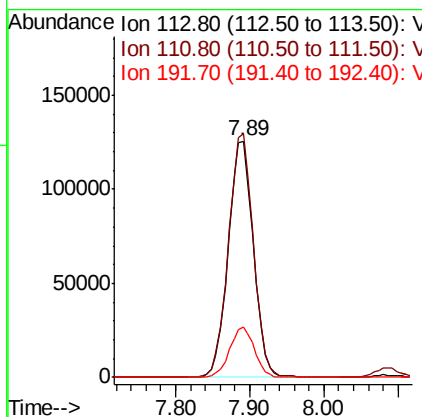
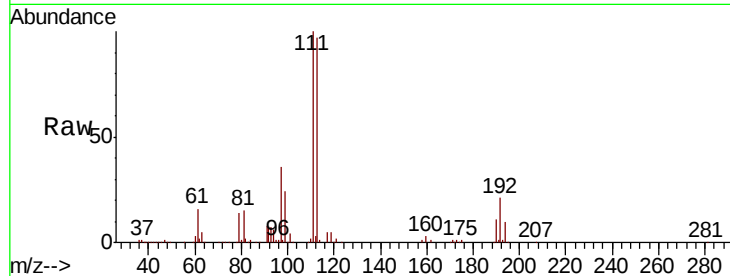
#35
 Dibromofluoromethane
 Concen: 53.02 ug/l
 RT: 7.89 min Scan# 1034
 Delta R.T. 0.01 min
 Lab File: VW004810.D
 Acq: 21 Aug 2018 01:10

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0820SBS02

Tot Ion	Ratio	Resp	Lower	Upper
113	100	296978		
111	102.3		82.4	123.6
192	20.8		16.7	25.1

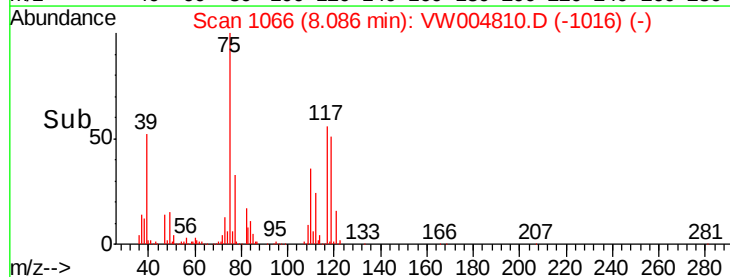
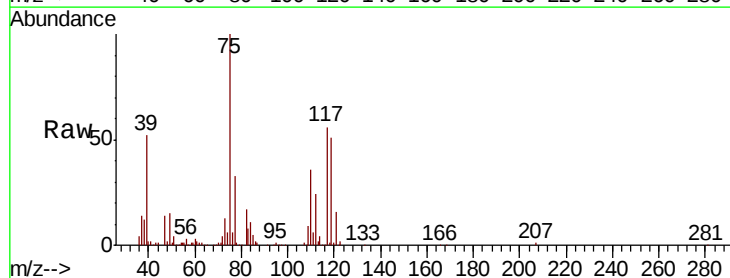
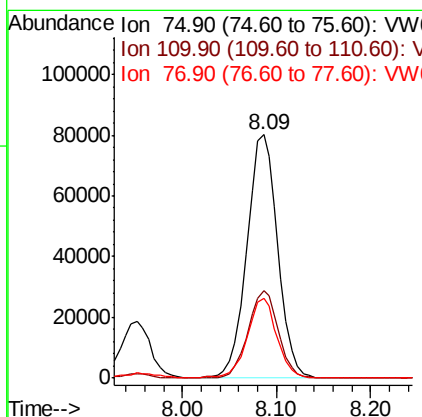
Manual Integrations
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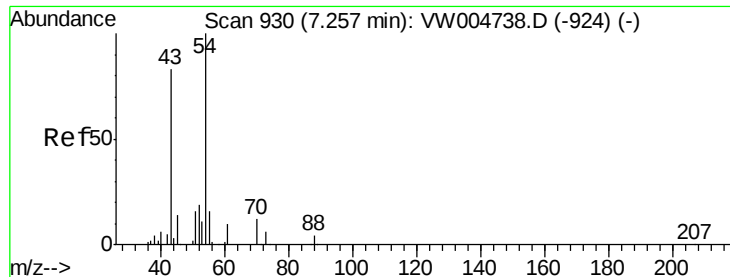
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#36
 1,1-Dichloropropene
 Concen: 20.29 ug/l
 RT: 8.09 min Scan# 1066
 Delta R.T. 0.01 min
 Lab File: VW004810.D
 Acq: 21 Aug 2018 01:10

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	183167		
110	35.3		17.8	53.5
77	31.6		24.9	37.3





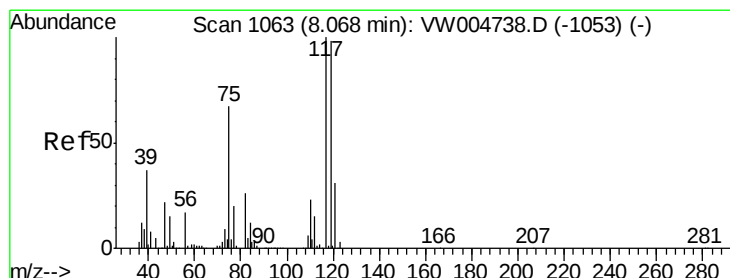
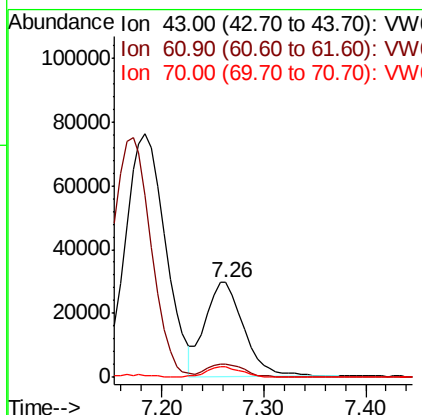
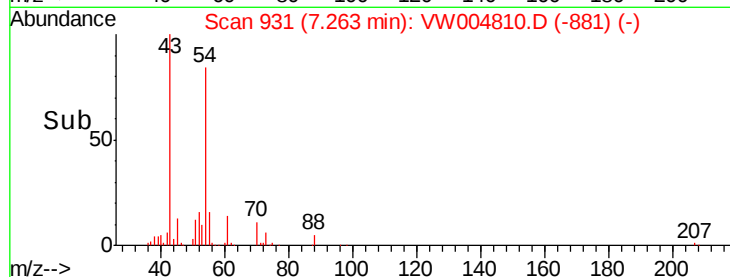
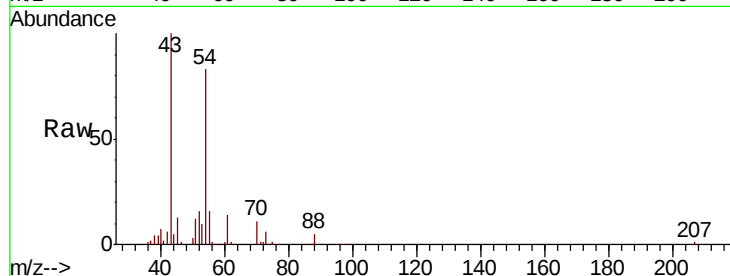
#37
Ethyl Acetate
Concen: 21.71 ug/l
RT: 7.26 min Scan# 931
Delta R.T. 0.01 min
Lab File: VW004810.D
Acq: 21 Aug 2018 01:10

Instrument :
MSVOA_W
ClientSampleID :
VW0820SBS02

Tot Ion	Ratio	Lower	Upper
43	100		
61	13.5	11.6	17.4
70	10.3	9.2	13.8

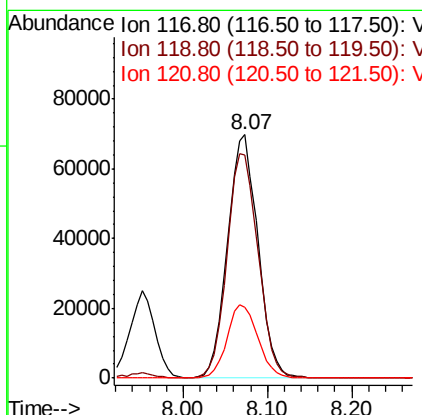
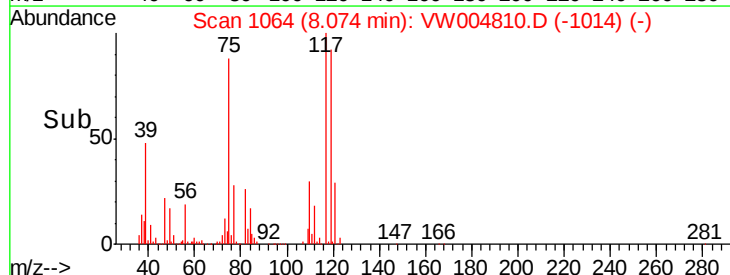
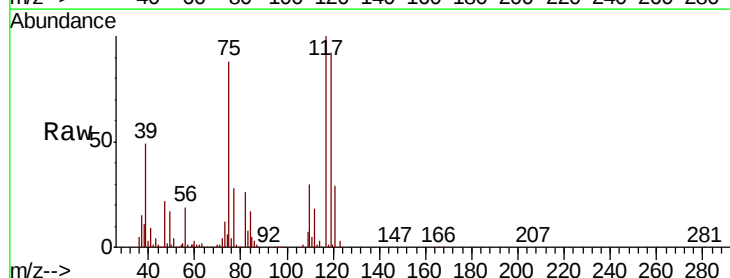
Manual Integrations
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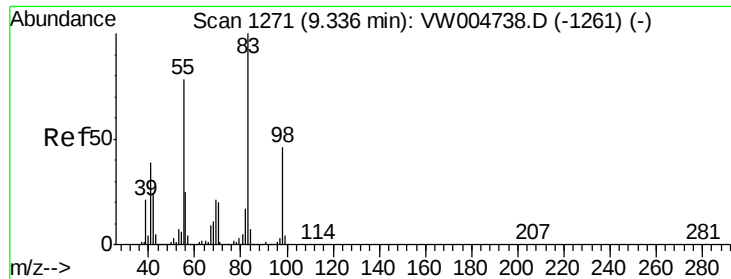
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#38
Carbon Tetrachloride
Concen: 20.58 ug/l
RT: 8.07 min Scan# 1064
Delta R.T. 0.01 min
Lab File: VW004810.D
Acq: 21 Aug 2018 01:10

Tgt Ion	Ratio	Lower	Upper
117	100		
119	91.8	78.0	117.0
121	29.3	24.8	37.2





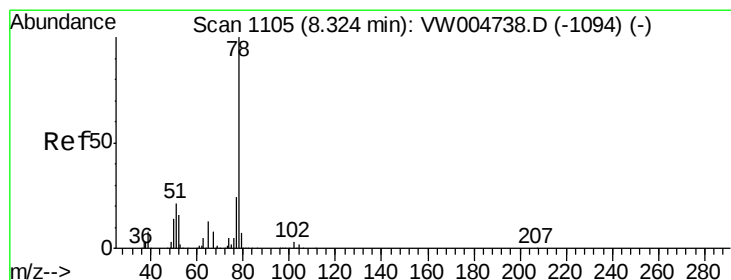
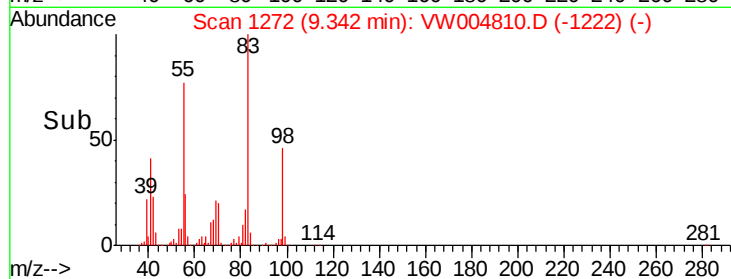
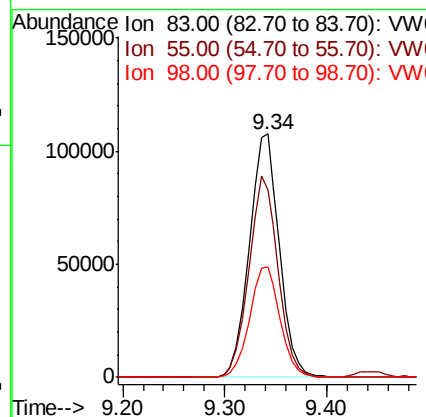
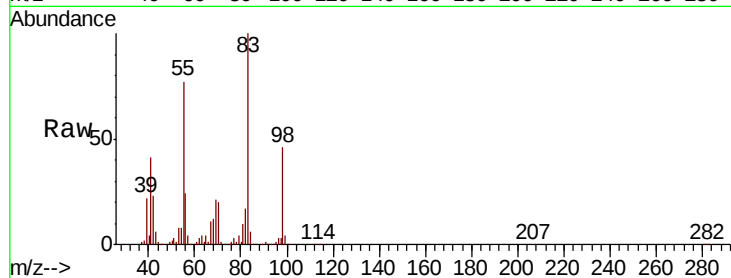
#39
Methvlcvclohexane
Concen: 19.45 ug/l
RT: 9.34 min Scan# 1272
Delta R.T. 0.01 min
Lab File: VW004810.D
Acq: 21 Aug 2018 01:10

Instrument :
MSVOA_W
ClientSampleId :
VW0820SBSD02

Tot Ion	Ratio	Resp	Lower	Upper
83	100	219629		
55	76.9		62.4	93.6
98	45.6		36.5	54.7

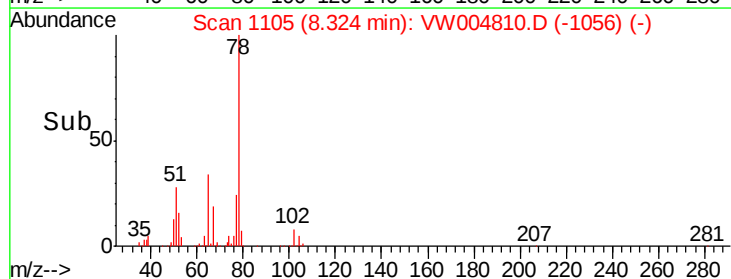
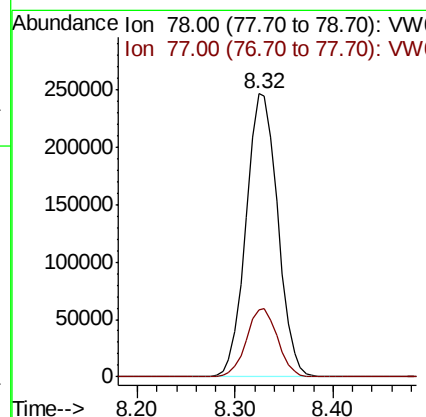
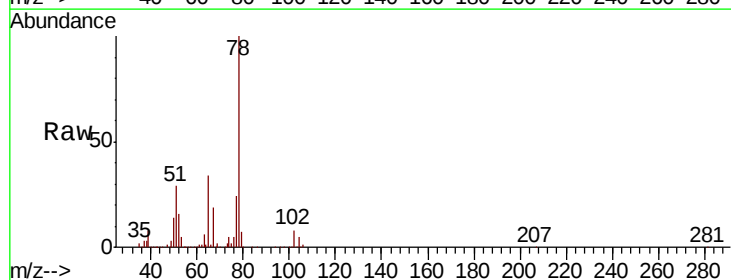
Manual Integrations
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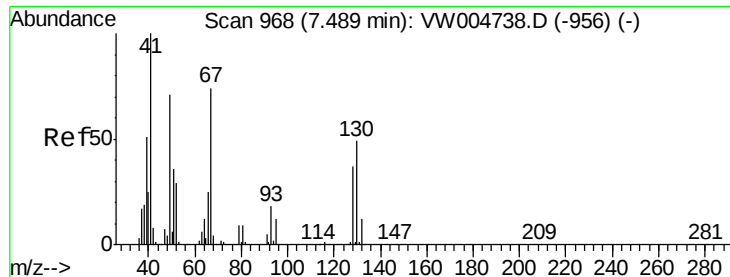
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#40
Benzene
Concen: 21.11 ug/l
RT: 8.32 min Scan# 1105
Delta R.T. -0.00 min
Lab File: VW004810.D
Acq: 21 Aug 2018 01:10

Tgt Ion	Ratio	Resp	Lower	Upper
78	100	553819		
77	23.8		19.0	28.6





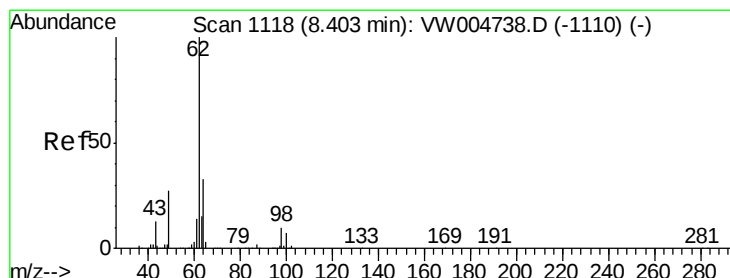
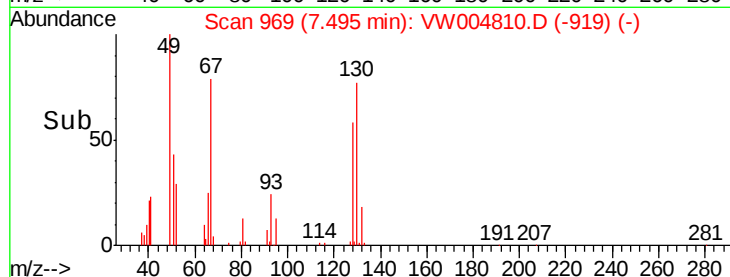
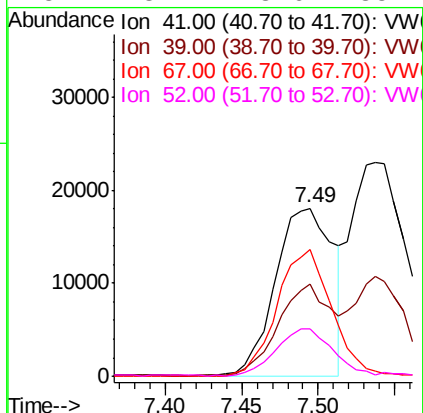
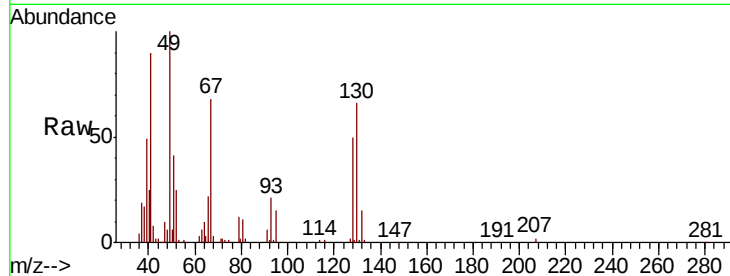
#41
Methacrylonitrile
Concen: 23.36 ug/l
RT: 7.49 min Scan# 969
Delta R.T. 0.01 min
Lab File: VW004810.D
Acq: 21 Aug 2018 01:10

Instrument :
MSVOA_W
ClientSampleId :
VW0820SBS02

Tot Ion	Ratio	Lower	Upper
41	100		
39	49.9	41.0	61.4
67	71.5	59.5	89.3
52	28.4	23.6	35.4

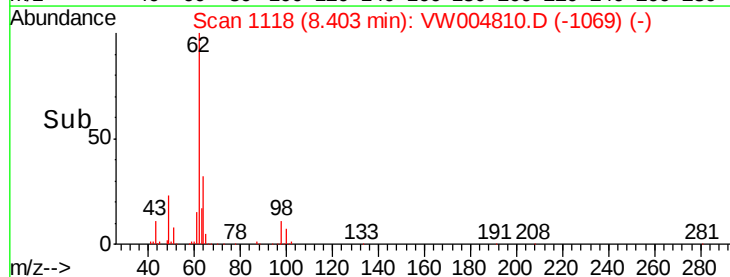
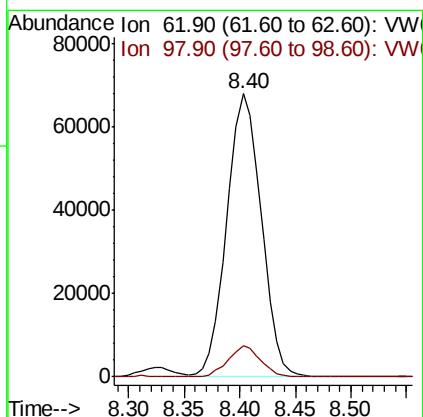
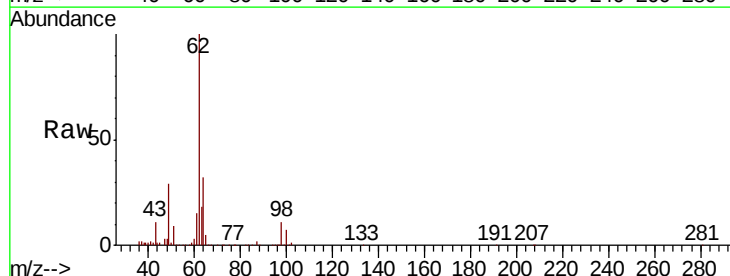
Manual Integrations
APPROVED

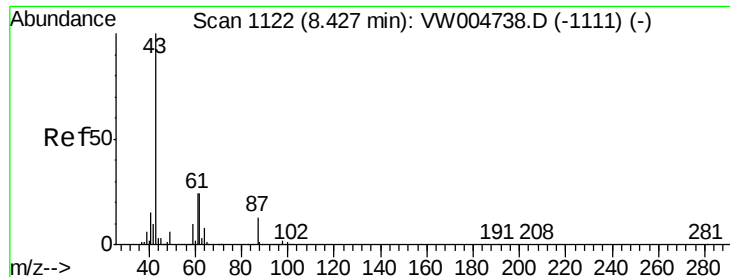
apatel
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#42
1,2-Dichloroethane
Concen: 21.75 ug/l
RT: 8.40 min Scan# 1118
Delta R.T. -0.00 min
Lab File: VW004810.D
Acq: 21 Aug 2018 01:10

Tgt Ion	Ratio	Lower	Upper
62	100		
98	10.2	0.0	20.2





#43

Isopropyl Acetate

Concen: 20.92 ug/l

RT: 8.43 min Scan# 1123

Delta R.T. 0.01 min

Lab File: VW004810.D

Acq: 21 Aug 2018 01:10

Instrument :

MSVOA_W

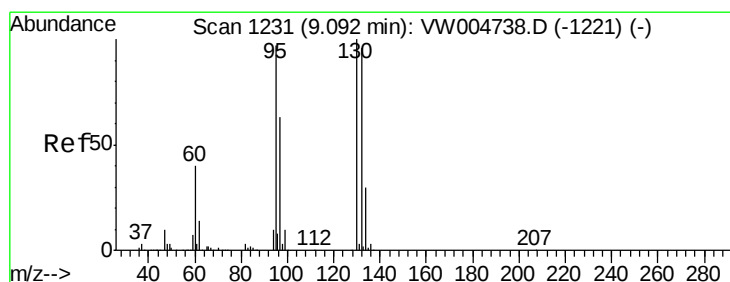
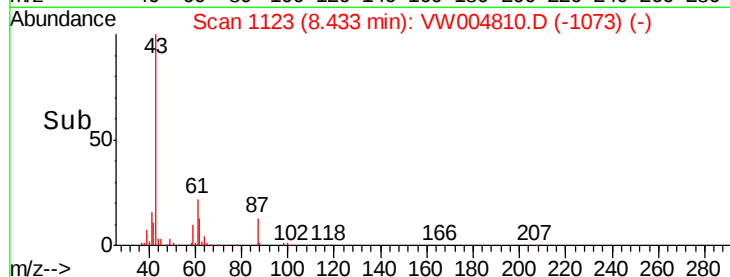
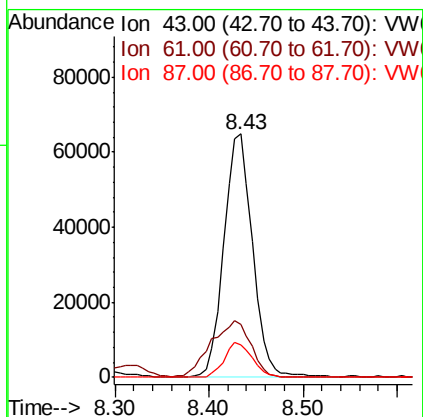
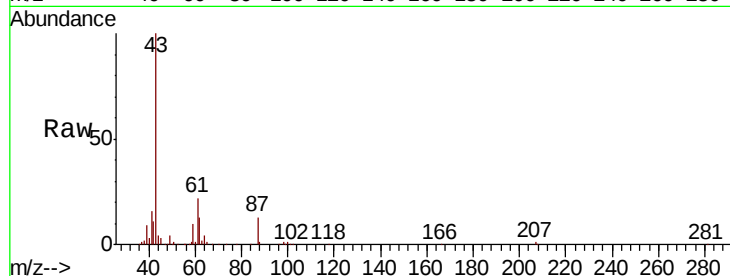
ClientSampleID :

VW0820SBSD02

Tot Ion:	43	Resp:	135238
Ion	Ratio	Lower	Upper
43	100		
61	32.5	26.2	39.4
87	14.1	10.9	16.3

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#44

Trichloroethene

Concen: 20.66 ug/l

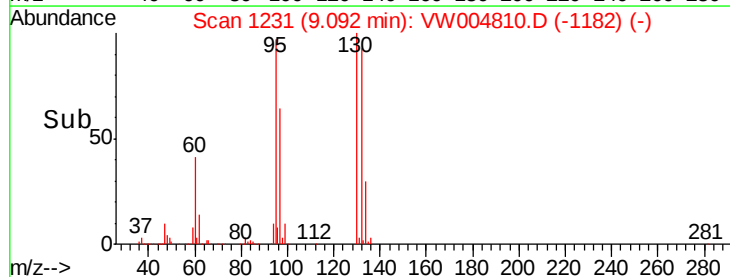
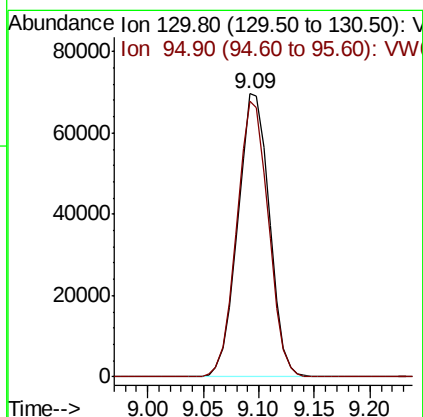
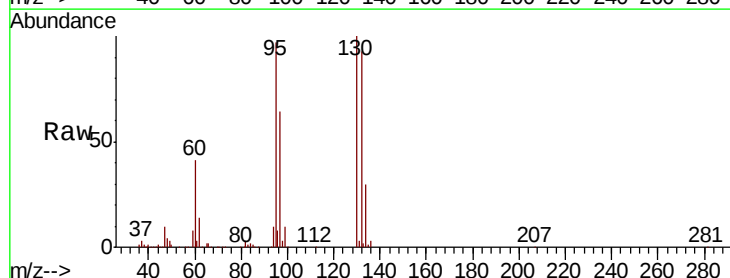
RT: 9.09 min Scan# 1231

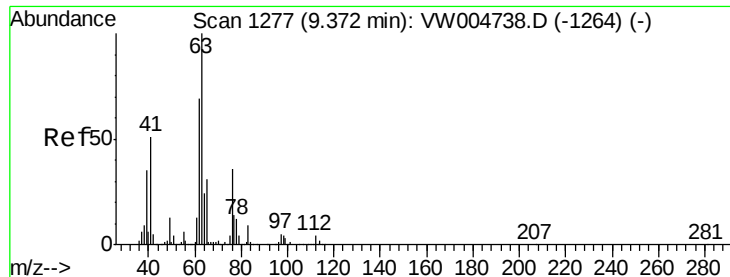
Delta R.T. -0.00 min

Lab File: VW004810.D

Acq: 21 Aug 2018 01:10

Tgt Ion:	130	Resp:	137633
Ion	Ratio	Lower	Upper
130	100		
95	97.4	0.0	194.4





#45

1,2-Dichloropropane

Concen: 21.06 ug/l

RT: 9.37 min Scan# 1277

Delta R.T. -0.00 min

Lab File: VW004810.D

Acq: 21 Aug 2018 01:10

Instrument :

MSVOA_W

ClientSampleId :

VW0820SBS02

Tot Ion: 63 Resp: 135185

Ion Ratio Lower Upper

63 100

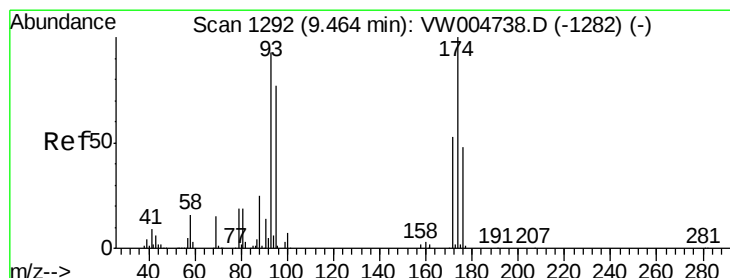
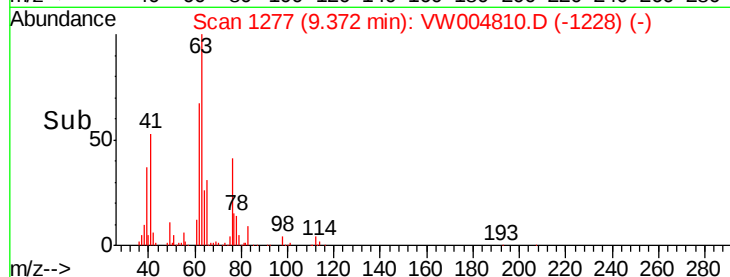
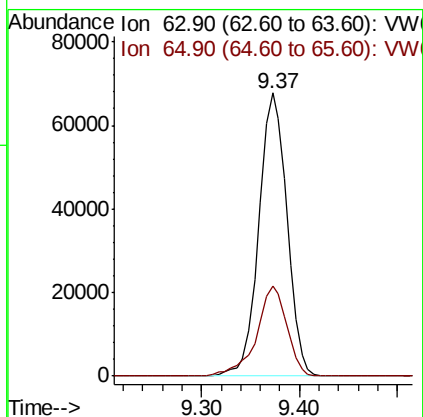
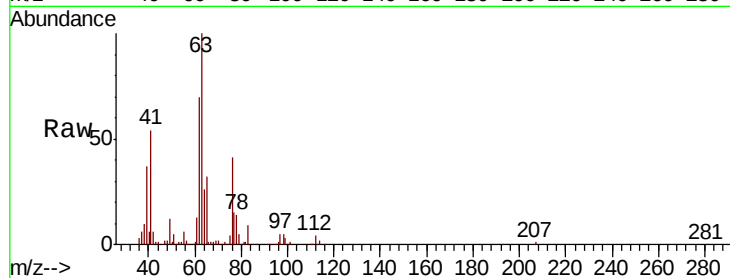
65 31.7 24.6 37.0

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#46

Dibromomethane

Concen: 21.35 ug/l

RT: 9.46 min Scan# 1292

Delta R.T. -0.00 min

Lab File: VW004810.D

Acq: 21 Aug 2018 01:10

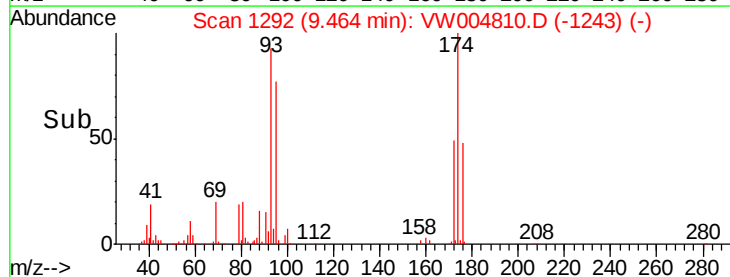
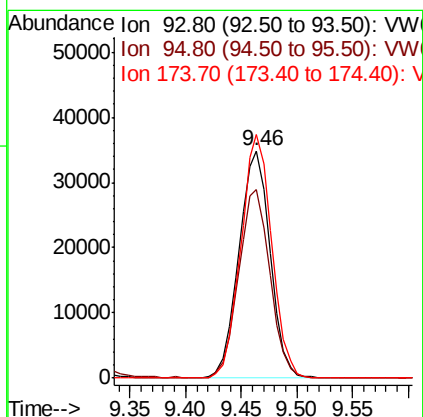
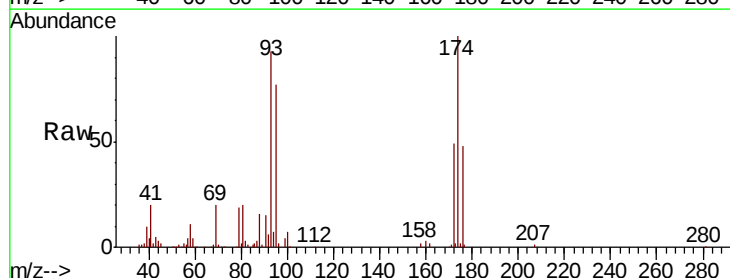
Tgt Ion: 93 Resp: 67897

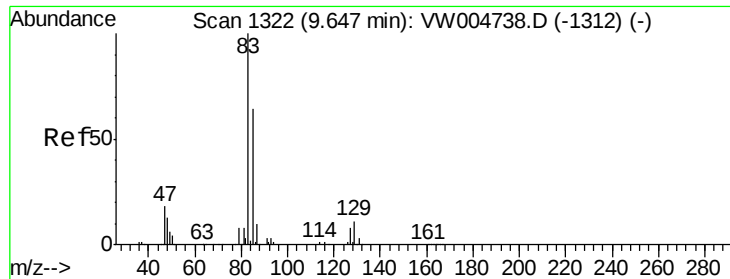
Ion Ratio Lower Upper

93 100

95 83.2 66.6 99.8

174 105.7 85.3 127.9





#47

Bromodichloromethane

Concen: 20.85 ug/l

RT: 9.65 min Scan# 1322

Delta R.T. -0.00 min

Lab File: VW004810.D

Acq: 21 Aug 2018 01:10

Instrument :

MSVOA_W

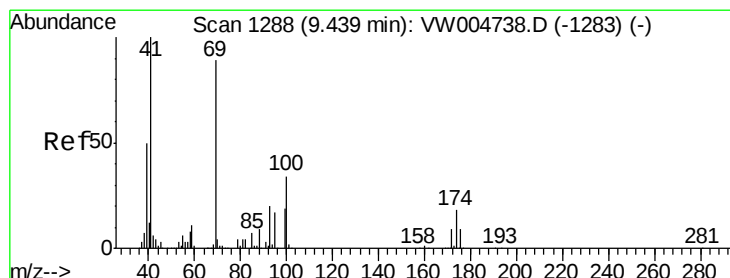
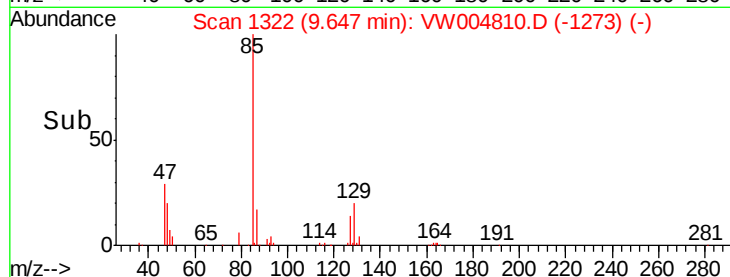
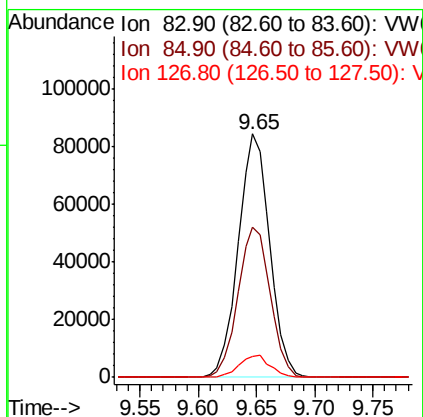
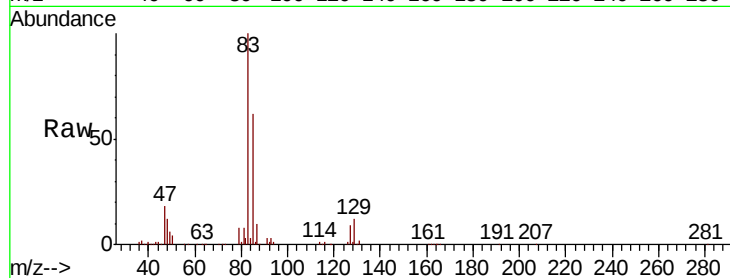
ClientSampleId :

VW0820SBS02

Tot Ion:	83	Resp:	158374
Ion	Ratio	Lower	Upper
83	100		
85	61.7	51.2	76.8
127	8.5	6.7	10.1

Manual Integrations
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#48

Methyl methacrylate

Concen: 20.36 ug/l

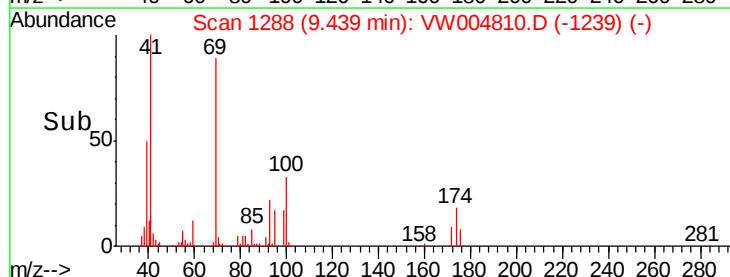
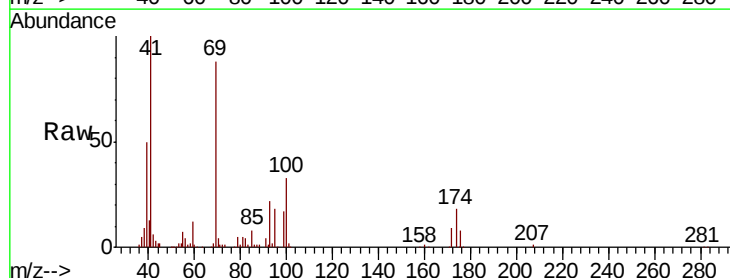
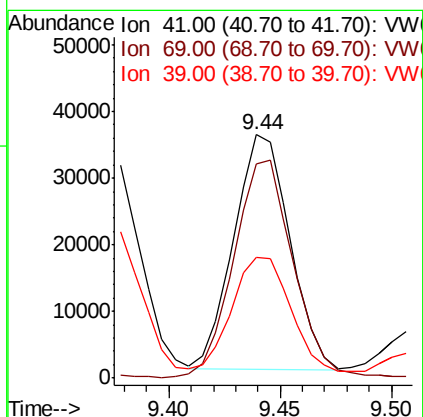
RT: 9.44 min Scan# 1288

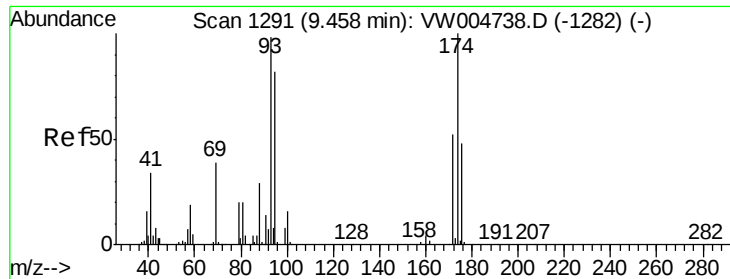
Delta R.T. -0.00 min

Lab File: VW004810.D

Acq: 21 Aug 2018 01:10

Tgt Ion:	41	Resp:	61750
Ion	Ratio	Lower	Upper
41	100		
69	100.0	75.2	112.8
39	51.2	39.8	59.6





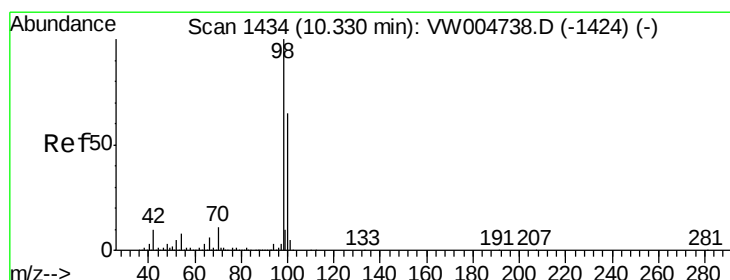
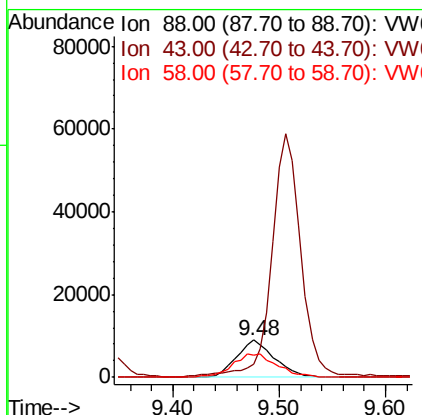
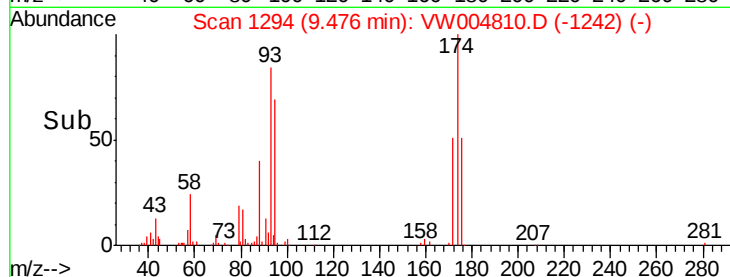
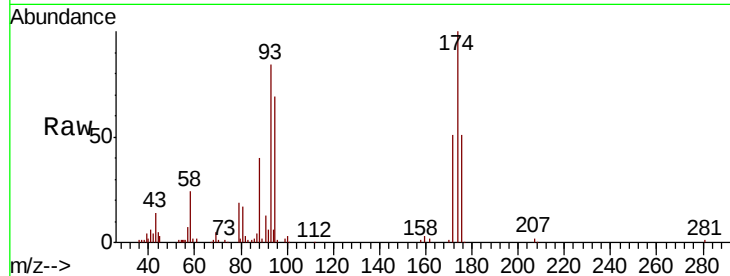
#49
1,4-Dioxane
Concen: 483.46 ug/l
RT: 9.48 min Scan# 1294
Delta R.T. 0.02 min
Lab File: VW004810.D
Acq: 21 Aug 2018 01:10

Instrument :
MSVOA_W
ClientSampleId :
VW0820SBSD02

Tot Ion	Ratio	Lower	Upper
88	100		
43	0.0	22.9	34.3#
58	73.4	60.0	90.0

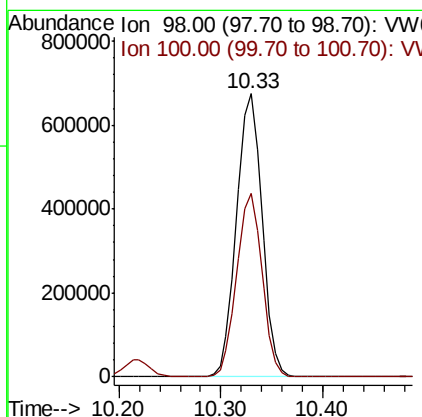
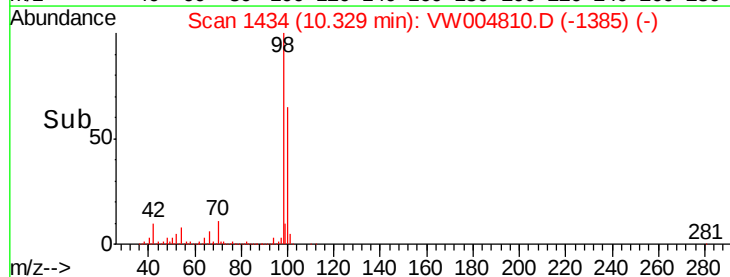
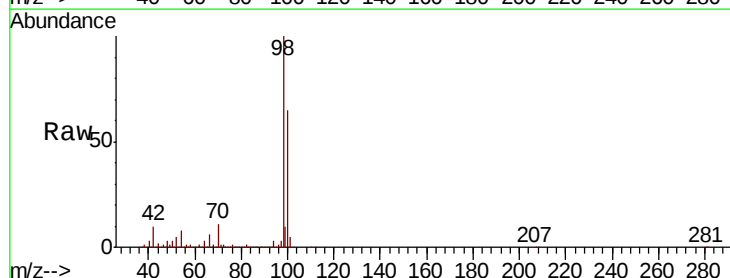
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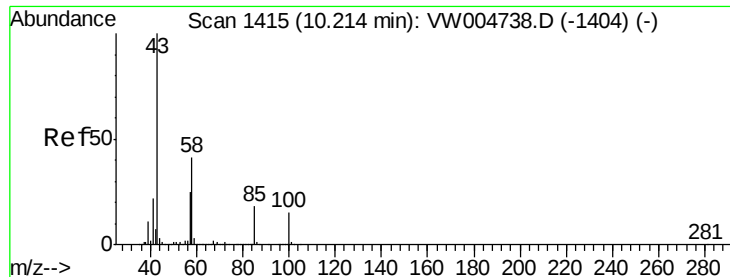
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#50
Toluene-d8
Concen: 53.48 ug/l
RT: 10.33 min Scan# 1434
Delta R.T. -0.00 min
Lab File: VW004810.D
Acq: 21 Aug 2018 01:10

Tgt Ion	Ratio	Lower	Upper
98	100		
100	64.5	51.8	77.8





#51

4-Methyl-2-Pentanone

Concen: 108.19 ug/l

RT: 10.21 min Scan# 1415

Delta R.T. -0.00 min

Lab File: VW004810.D

Acq: 21 Aug 2018 01:10

Instrument :

MSVOA_W

ClientSampleId :

VW0820SBS02

Tot Ion: 43 Resp: 472707

Ion Ratio Lower Upper

43 100

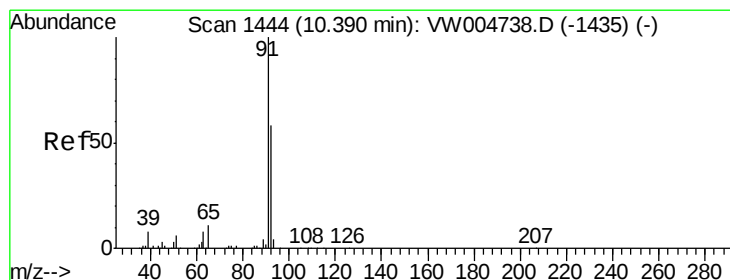
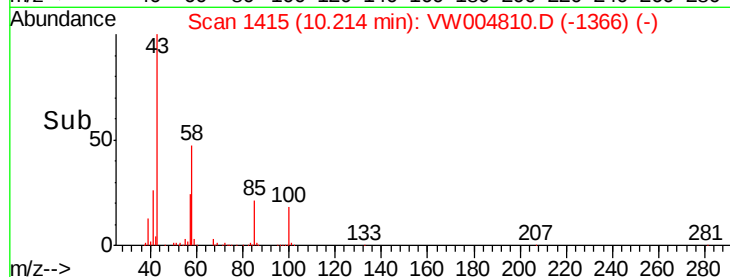
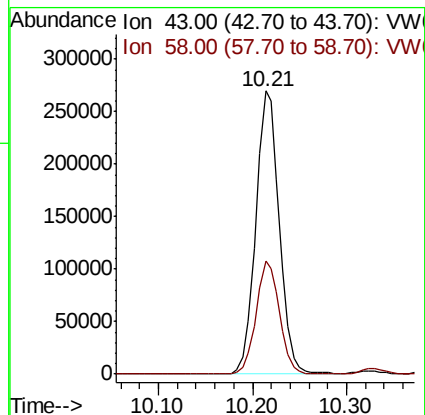
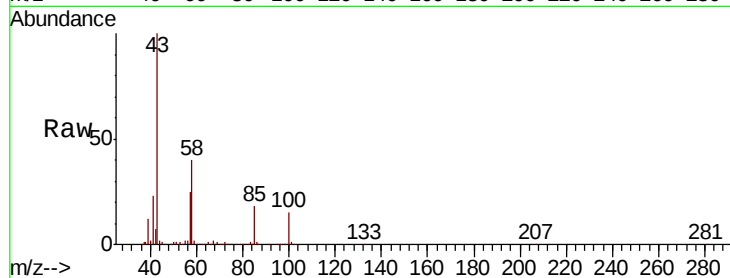
58 39.8 32.7 49.1

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#52

Toluene

Concen: 21.44 ug/l

RT: 10.39 min Scan# 1444

Delta R.T. -0.00 min

Lab File: VW004810.D

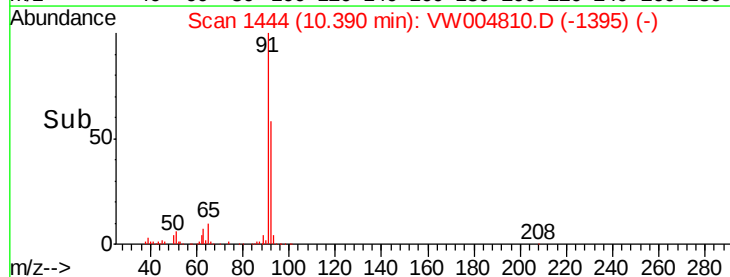
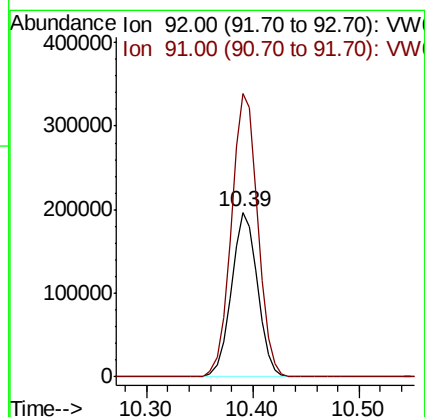
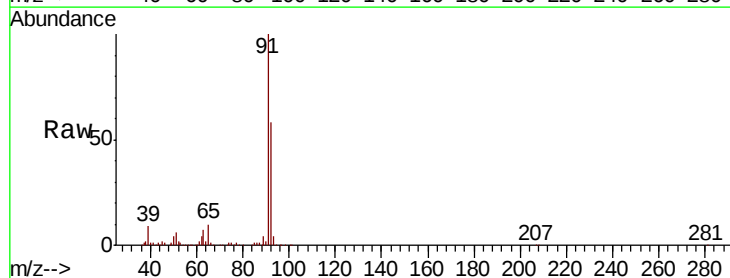
Acq: 21 Aug 2018 01:10

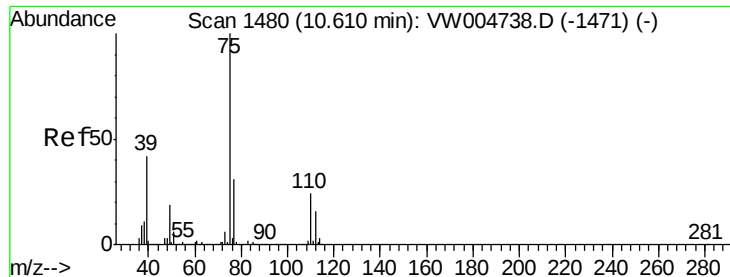
Tgt Ion: 92 Resp: 337457

Ion Ratio Lower Upper

92 100

91 173.8 138.3 207.5





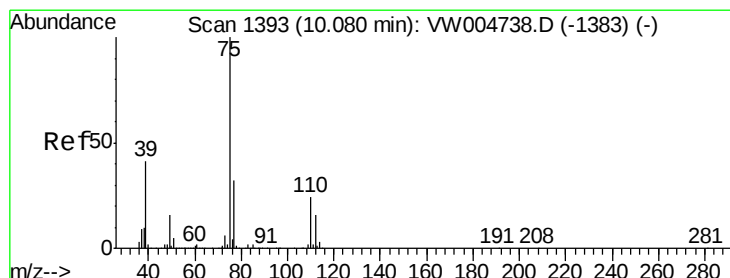
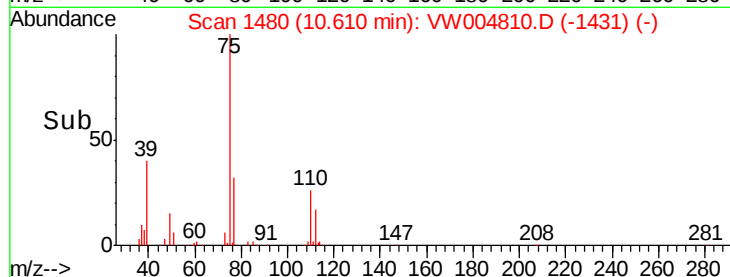
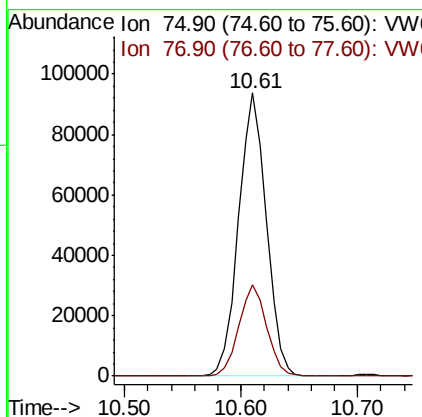
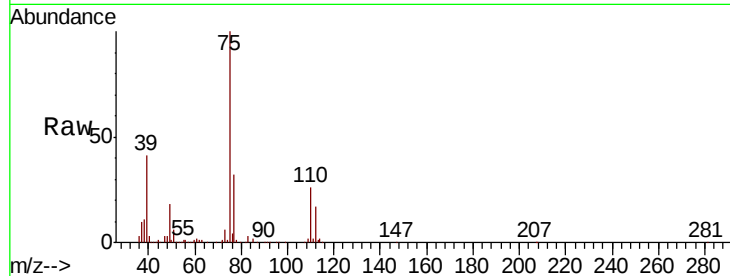
#53
t-1,3-Dichloropropene
Concen: 20.41 ug/l
RT: 10.61 min Scan# 1480
Delta R.T. -0.00 min
Lab File: VW004810.D
Acq: 21 Aug 2018 01:10

Instrument :
MSVOA_W
ClientSampled :
VW0820SBS02

Tot Ion	Ratio	Lower	Upper
75	100		
77	32.1	24.8	37.2

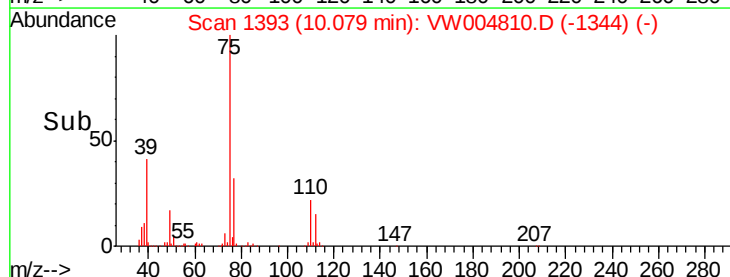
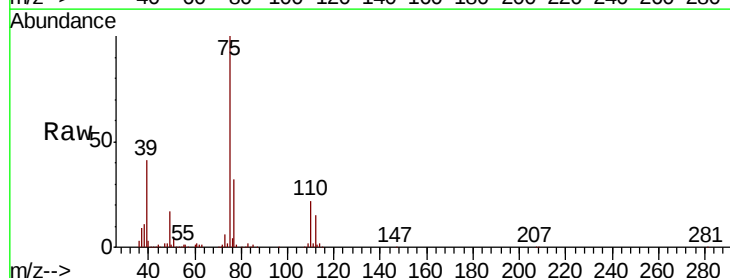
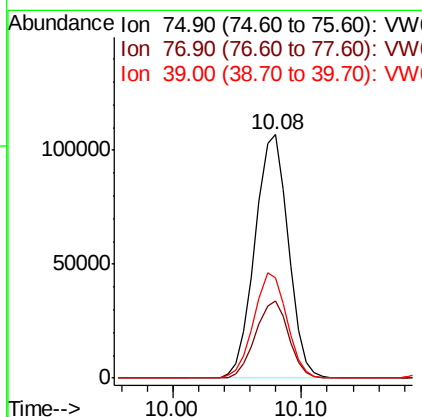
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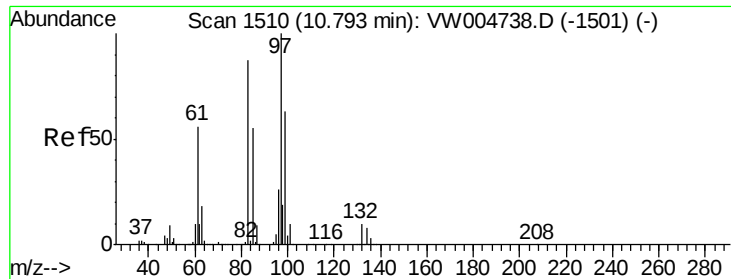
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#54
cis-1,3-Dichloropropene
Concen: 21.02 ug/l
RT: 10.08 min Scan# 1393
Delta R.T. -0.00 min
Lab File: VW004810.D
Acq: 21 Aug 2018 01:10

Tgt Ion	Ratio	Lower	Upper
75	100		
77	31.7	25.6	38.4
39	41.3	33.0	49.4





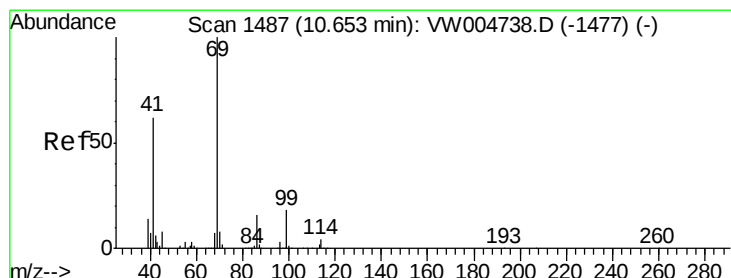
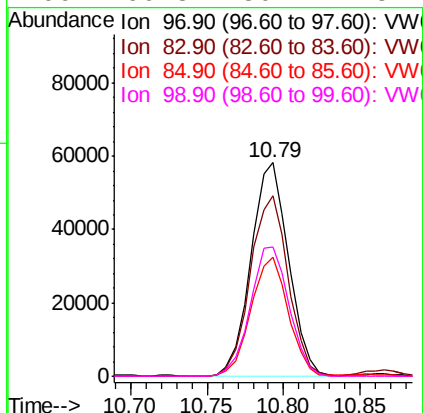
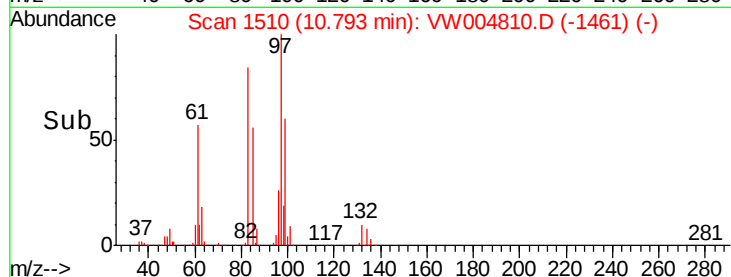
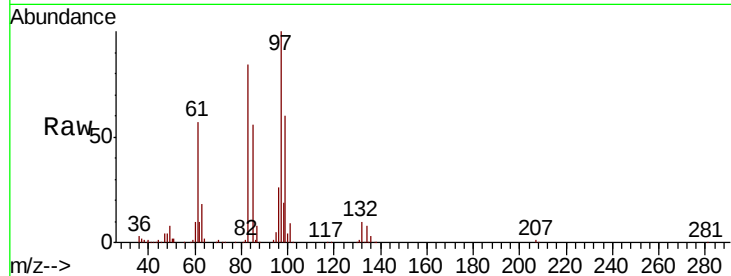
#55
 1,1,2-Trichloroethane
 Concen: 22.08 ug/l
 RT: 10.79 min Scan# 1510
 Delta R.T. -0.00 min
 Lab File: VW004810.D
 Acq: 21 Aug 2018 01:10

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0820SBSD02

Tot Ion	97	Resp	99785
Ion	Ratio	Lower	Upper
97	100		
83	84.5	69.4	104.2
85	56.0	44.3	66.5
99	60.3	50.2	75.2

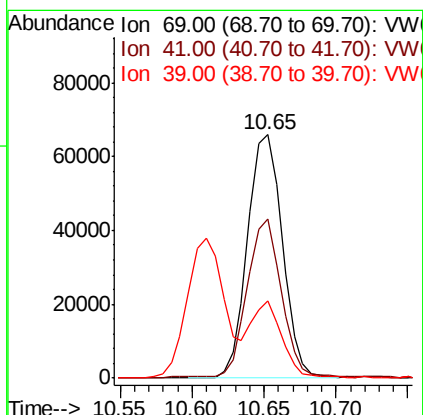
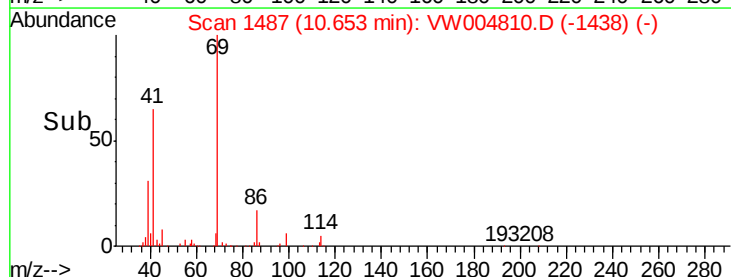
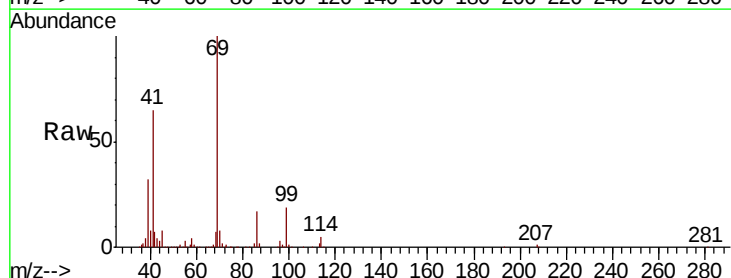
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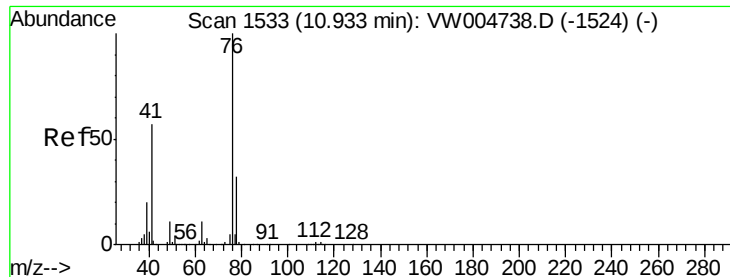
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#56
 Ethyl methacrylate
 Concen: 20.62 ug/l
 RT: 10.65 min Scan# 1487
 Delta R.T. 0.00 min
 Lab File: VW004810.D
 Acq: 21 Aug 2018 01:10

Tgt Ion	69	Resp	110782
Ion	Ratio	Lower	Upper
69	100		
41	64.2	50.7	76.1
39	27.4	21.4	32.2





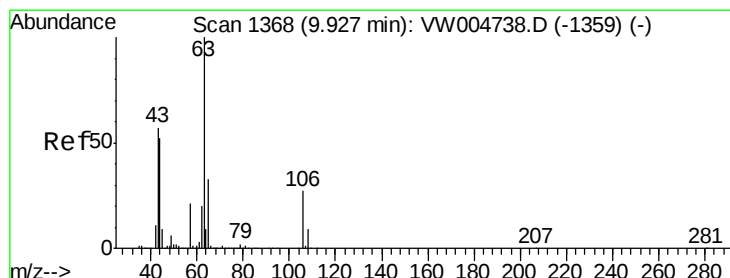
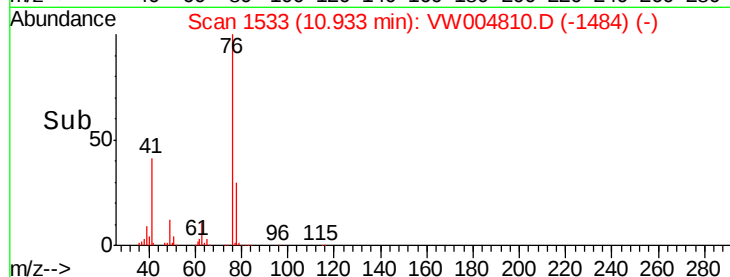
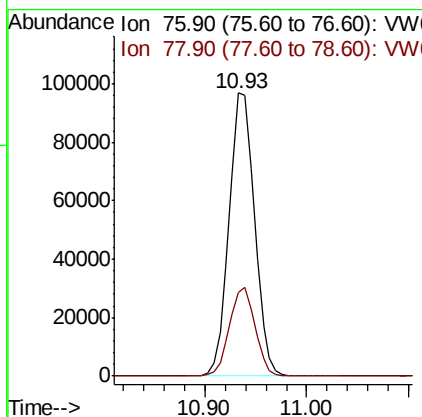
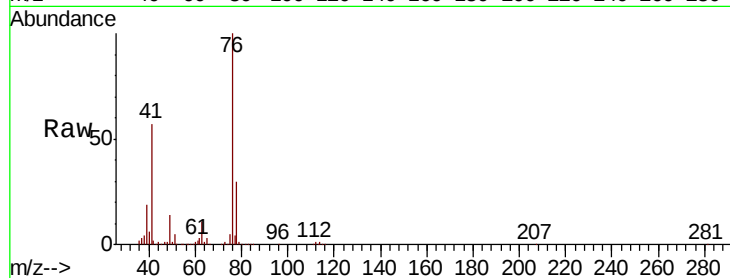
#57
 1,3-Dichloropropane
 Concen: 21.45 ug/l
 RT: 10.93 min Scan# 1533
 Delta R.T. -0.00 min
 Lab File: VW004810.D
 Acq: 21 Aug 2018 01:10

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0820SBS02

Tot Ion: 76 Resp: 167370
 Ion Ratio Lower Upper
 76 100
 78 31.4 25.9 38.9

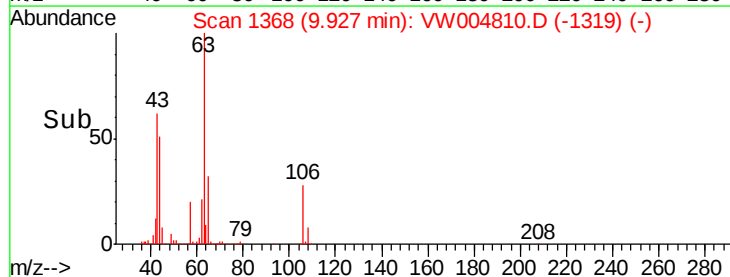
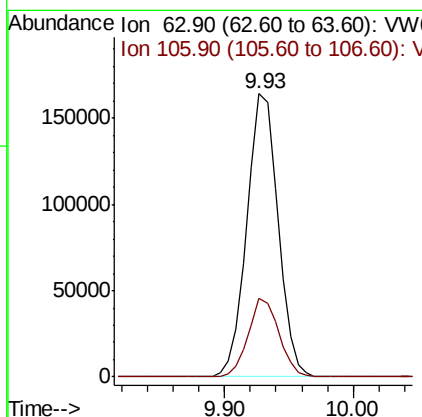
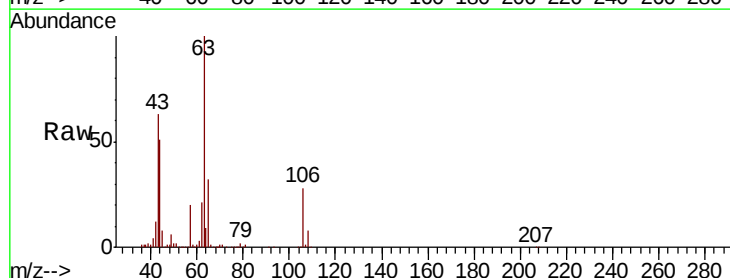
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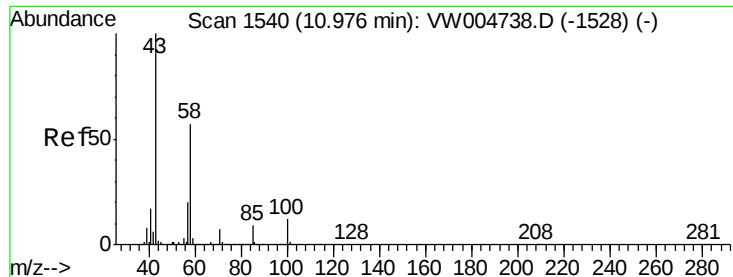
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#58
 2-Chloroethyl Vinyl ether
 Concen: 109.85 ug/l
 RT: 9.93 min Scan# 1368
 Delta R.T. -0.00 min
 Lab File: VW004810.D
 Acq: 21 Aug 2018 01:10

Tgt Ion: 63 Resp: 274216
 Ion Ratio Lower Upper
 63 100
 106 27.3 22.1 33.1





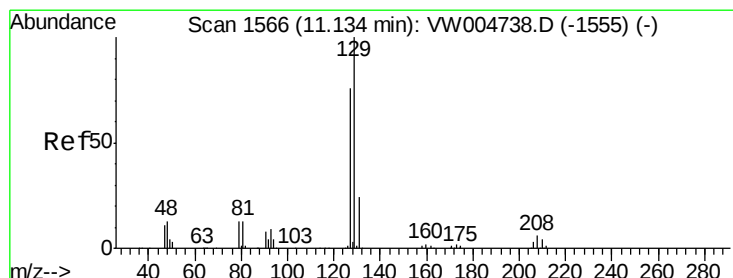
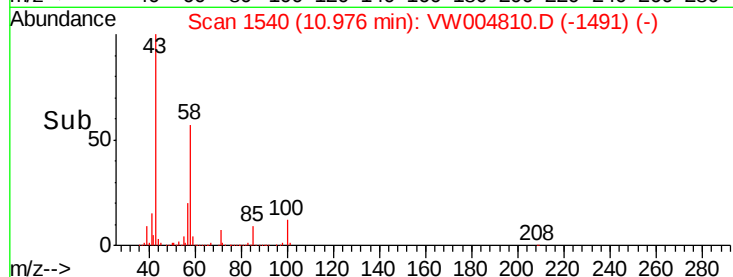
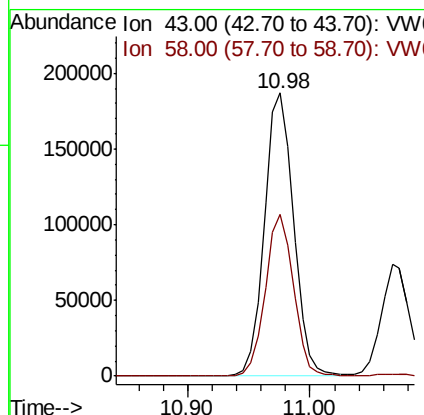
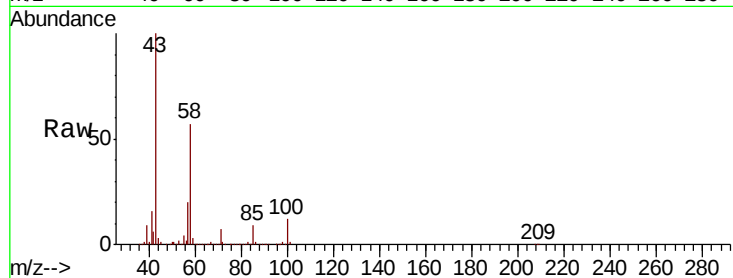
#59
2-Hexanone
Concen: 104.58 ug/l
RT: 10.98 min Scan# 1540
Delta R.T. -0.00 min
Lab File: VW004810.D
Acq: 21 Aug 2018 01:10

Instrument :
MSVOA_W
ClientSampleId :
VW0820SBSD02

Tot Ion	Ratio	Lower	Upper
43	100		
58	55.5	28.1	84.4

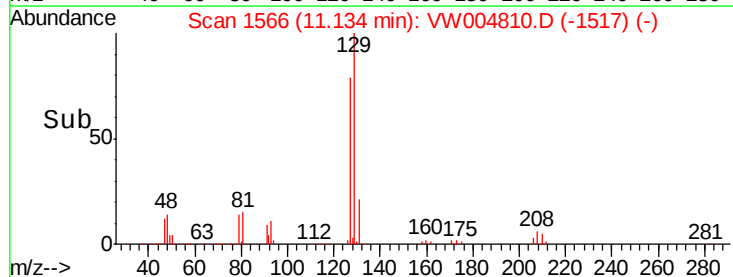
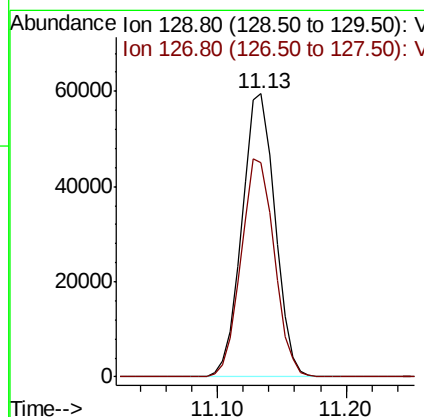
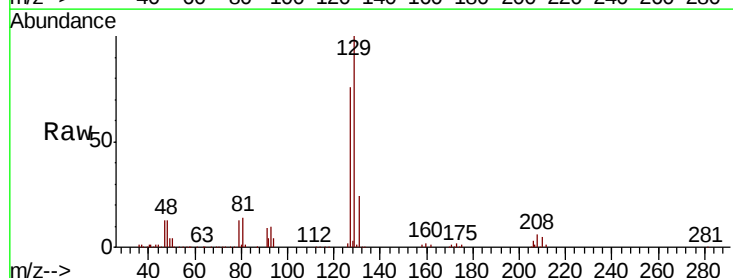
Manual Integrations
APPROVED

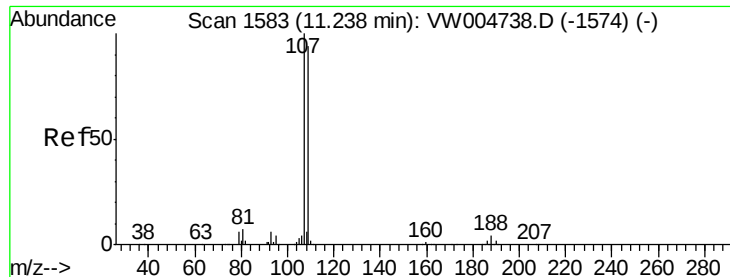
apatel
8/21/2018 12:47:39 PM



#60
Dibromochloromethane
Concen: 20.79 ug/l
RT: 11.13 min Scan# 1566
Delta R.T. -0.00 min
Lab File: VW004810.D
Acq: 21 Aug 2018 01:10

Tgt Ion	Ratio	Lower	Upper
129	100		
127	77.4	38.5	115.5





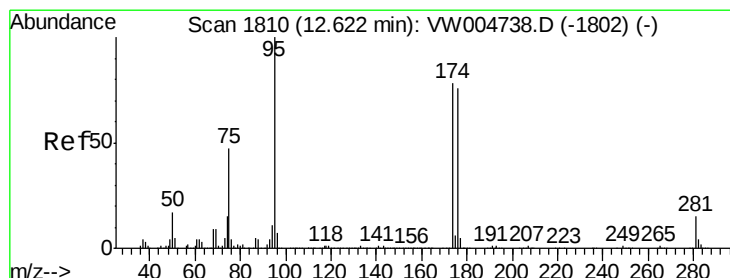
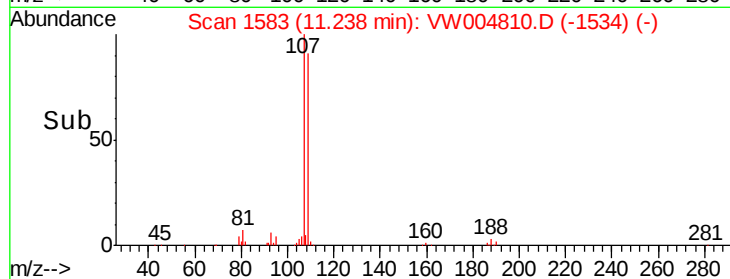
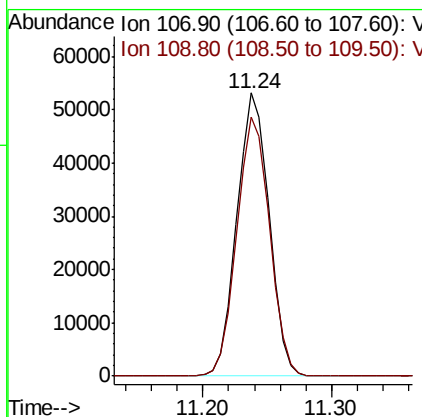
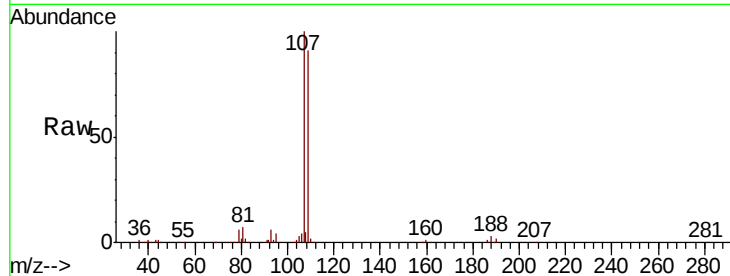
#61
 1,2-Dibromoethane
 Concen: 21.29 ug/l
 RT: 11.24 min Scan# 1583
 Delta R.T. -0.00 min
 Lab File: VW004810.D
 Acq: 21 Aug 2018 01:10

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0820SBS02

Tot Ion	Ratio	Lower	Upper
107	100		
109	93.2	75.5	113.3

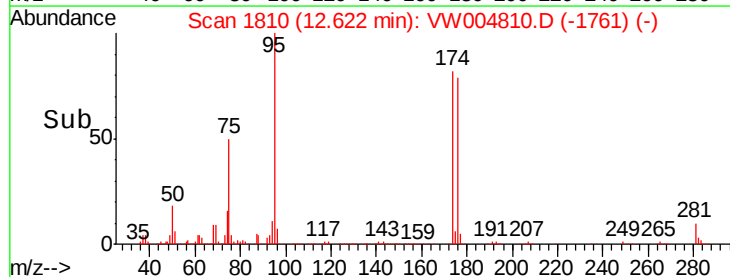
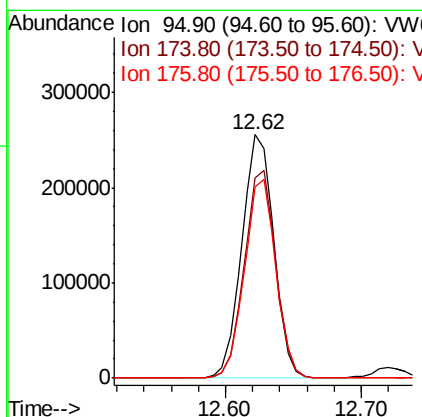
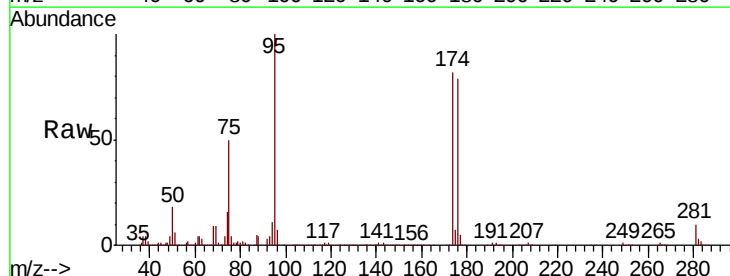
Manual Integrations
 APPROVED

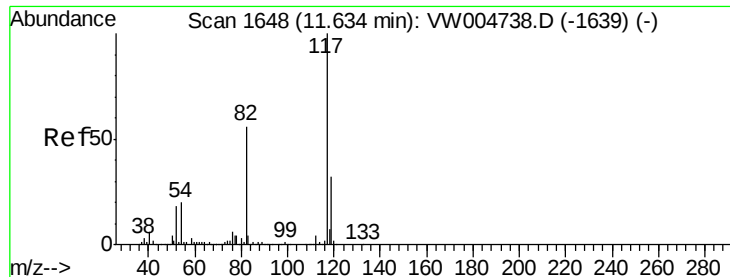
apatel
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#62
 4-Bromofluorobenzene
 Concen: 53.33 ug/l
 RT: 12.62 min Scan# 1810
 Delta R.T. -0.00 min
 Lab File: VW004810.D
 Acq: 21 Aug 2018 01:10

Tgt Ion	Ratio	Lower	Upper
95	100		
174	84.2	0.0	165.8
176	80.6	0.0	159.8





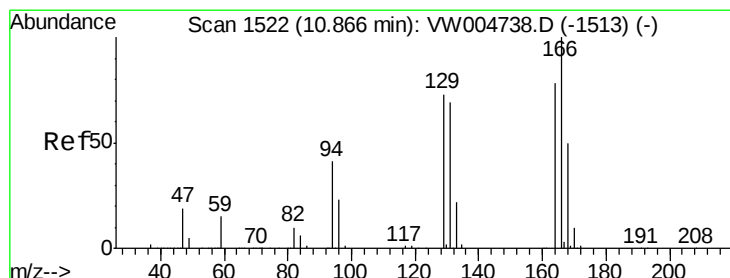
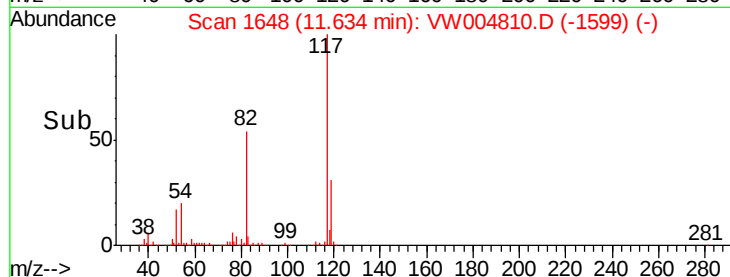
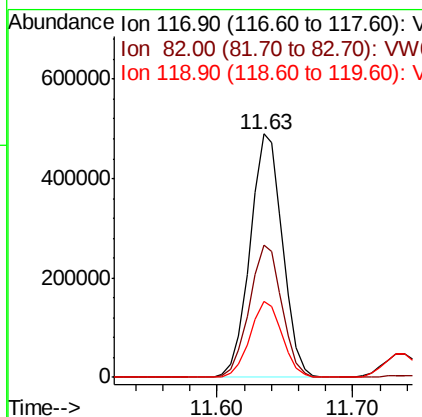
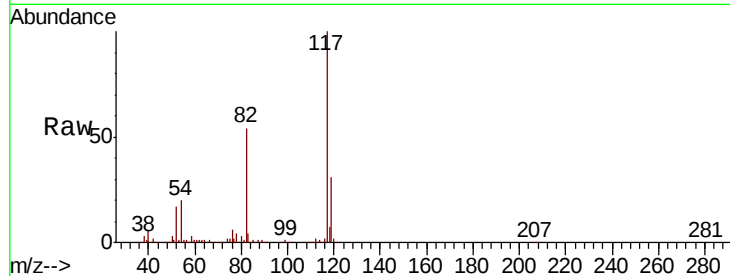
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.63 min Scan# 1648
Delta R.T. -0.00 min
Lab File: VW004810.D
Acq: 21 Aug 2018 01:10

Instrument :
MSVOA_W
ClientSampleId :
VW0820SBS02

Tot Ion	Ratio	Lower	Upper
117	100		
82	54.5	44.6	67.0
119	31.3	25.6	38.4

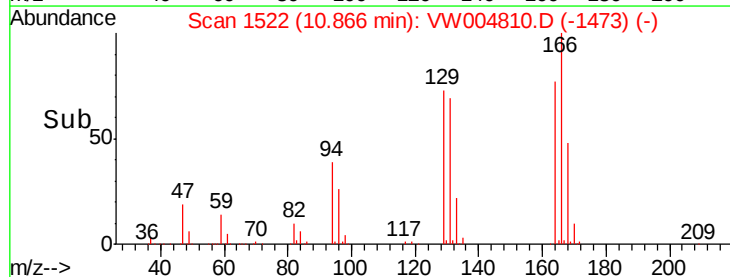
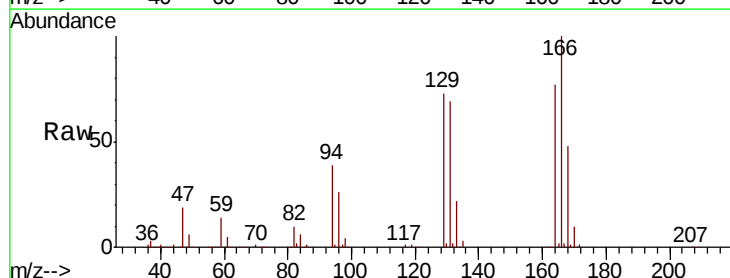
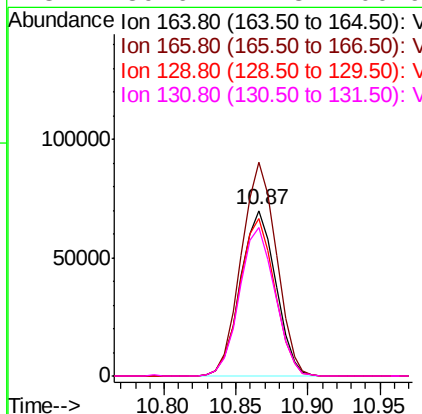
Manual Integrations
APPROVED

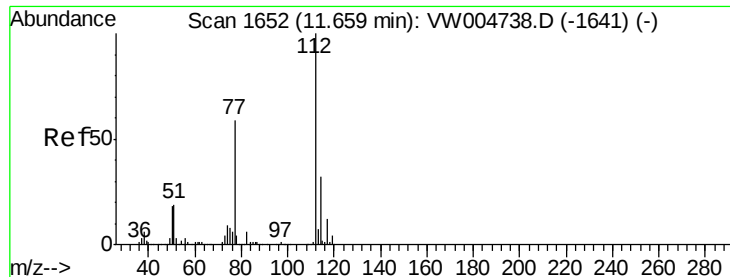
apatel
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#64
Tetrachloroethene
Concen: 21.23 ug/l
RT: 10.87 min Scan# 1522
Delta R.T. -0.00 min
Lab File: VW004810.D
Acq: 21 Aug 2018 01:10

Tgt Ion	Ratio	Lower	Upper
164	100		
166	129.2	102.5	153.7
129	94.9	75.1	112.7
131	89.6	71.3	106.9





#65

Chlorobenzene

Concen: 20.65 ug/l

RT: 11.66 min Scan# 1653

Delta R.T. 0.01 min

Lab File: VW004810.D

Acq: 21 Aug 2018 01:10

Instrument :

MSVOA_W

ClientSampleId :

VW0820SBS02

Tot Ion:112 Resp: 364207

Ion Ratio Lower Upper

112 100

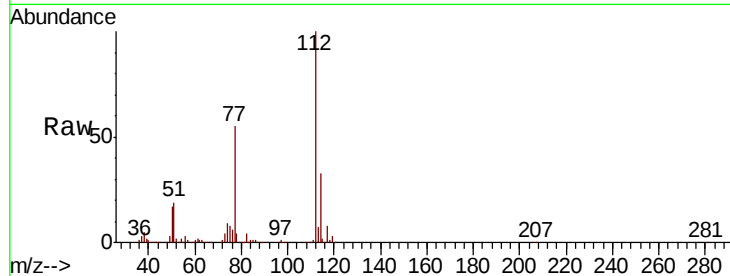
114 33.3 25.4 38.2

Manual Integrations

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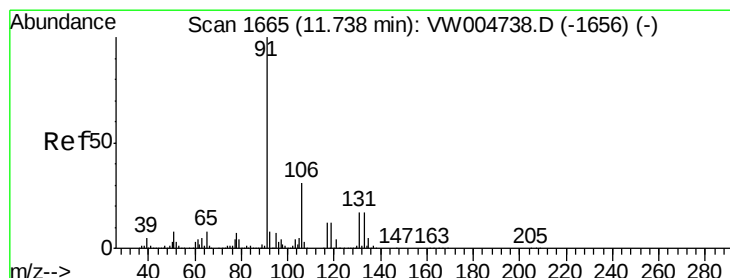
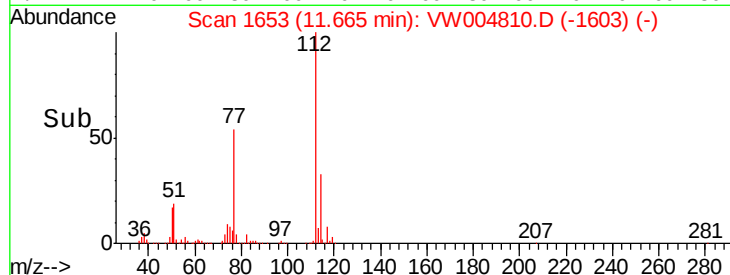
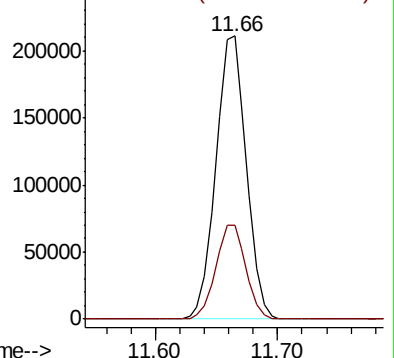
apatel

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Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 20.14 ug/l

RT: 11.74 min Scan# 1665

Delta R.T. -0.00 min

Lab File: VW004810.D

Acq: 21 Aug 2018 01:10

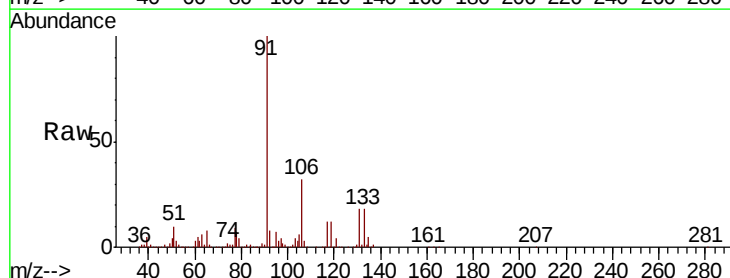
Tgt Ion:131 Resp: 119907

Ion Ratio Lower Upper

131 100

133 99.3 48.2 144.6

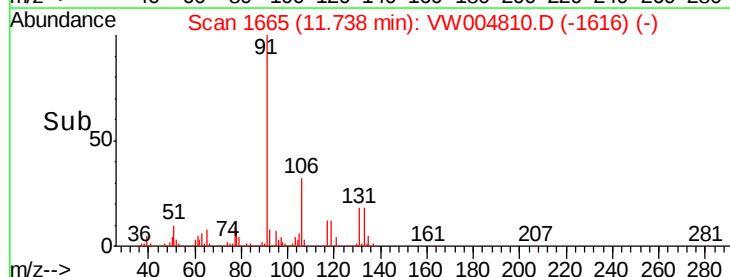
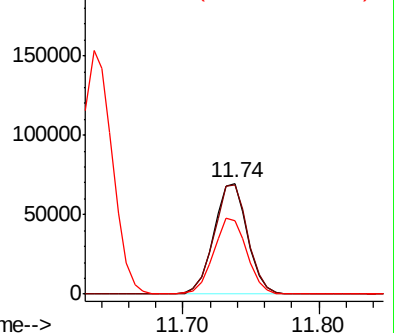
119 68.0 34.0 102.0

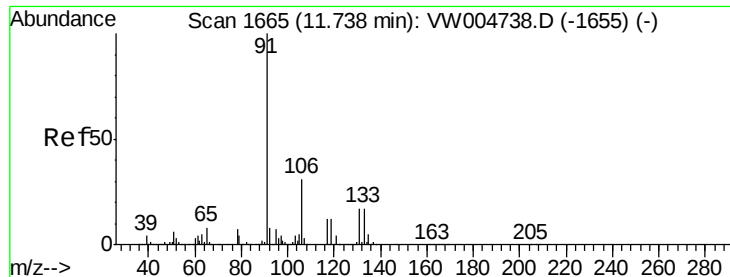


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V





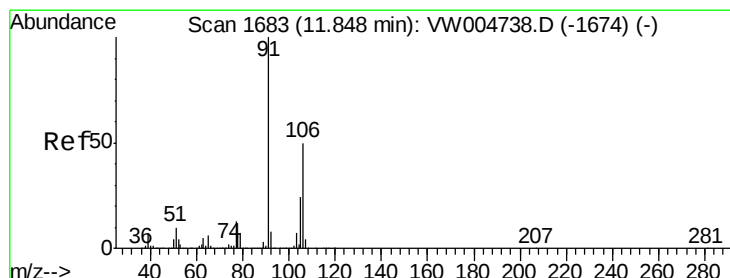
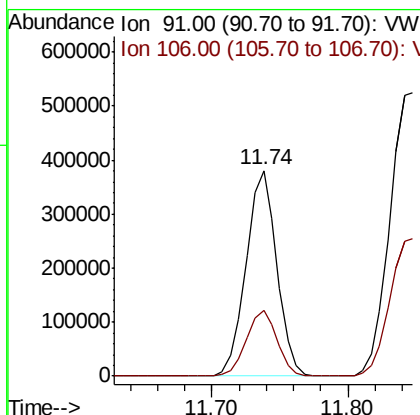
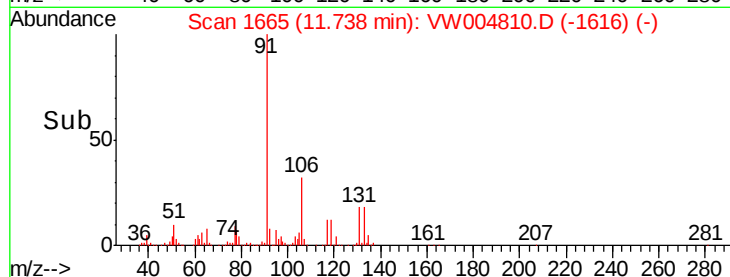
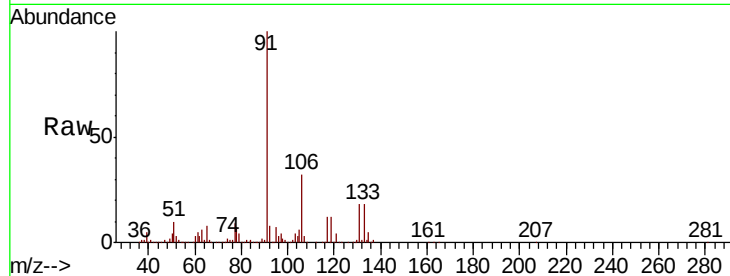
#67
Ethyl Benzene
Concen: 20.14 ug/l
RT: 11.74 min Scan# 1665
Delta R.T. -0.00 min
Lab File: VW004810.D
Acq: 21 Aug 2018 01:10

Instrument :
MSVOA_W
ClientSampleId :
VW0820SBS02

Tot Ion: 91 Resp: 602215
Ion Ratio Lower Upper
91 100
106 31.7 24.9 37.3

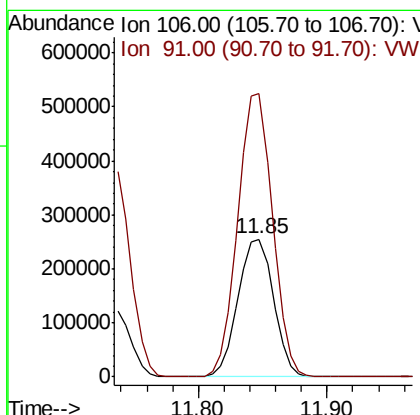
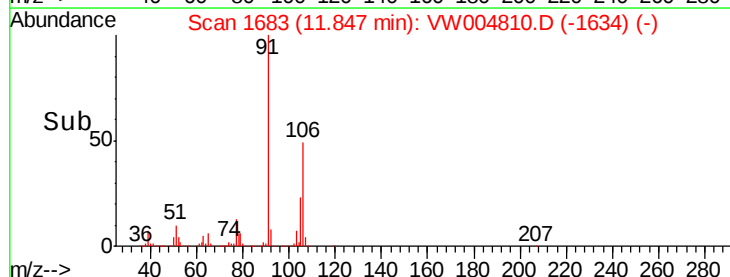
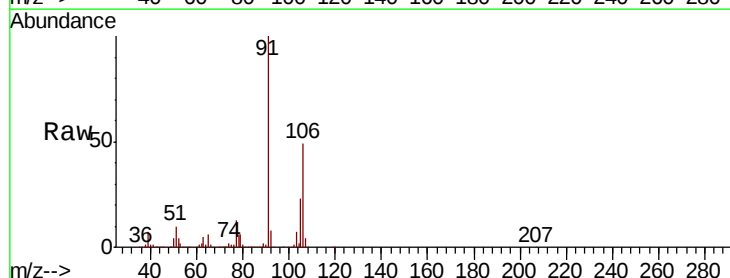
Manual Integrations
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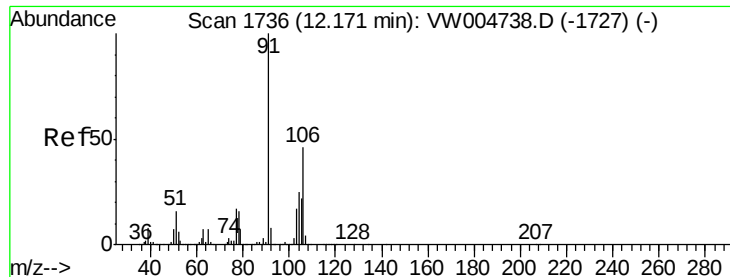
apatel
8/21/2018 12:47:39 PM



#68
m/p-Xylenes
Concen: 41.77 ug/l
RT: 11.85 min Scan# 1683
Delta R.T. -0.00 min
Lab File: VW004810.D
Acq: 21 Aug 2018 01:10

Tgt Ion: 106 Resp: 485843
Ion Ratio Lower Upper
106 100
91 201.9 159.9 239.9





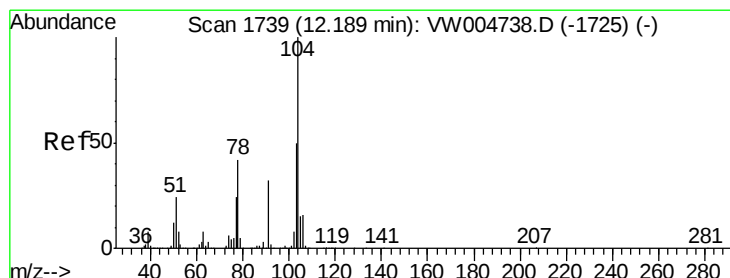
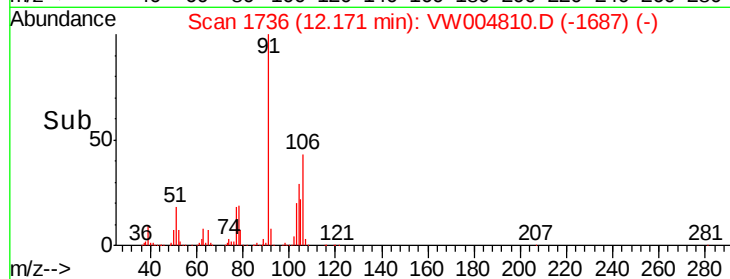
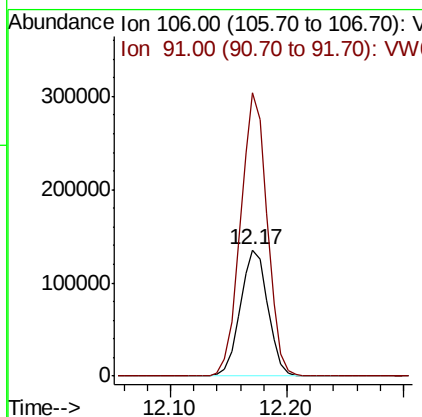
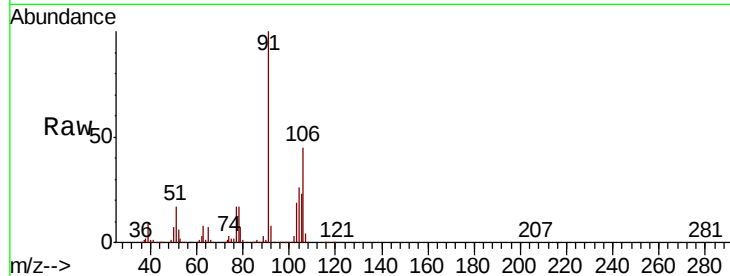
#69
o-Xylene
Concen: 20.72 ug/l
RT: 12.17 min Scan# 1736
Delta R.T. -0.00 min
Lab File: VW004810.D
Acq: 21 Aug 2018 01:10

Instrument :
MSVOA_W
ClientSampleId :
VW0820SBS02

Tot Ion	Ion	Ratio	Lower	Upper
106	100			
91	217.4	107.3	321.8	

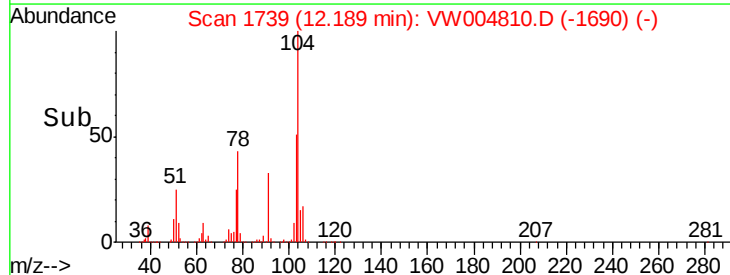
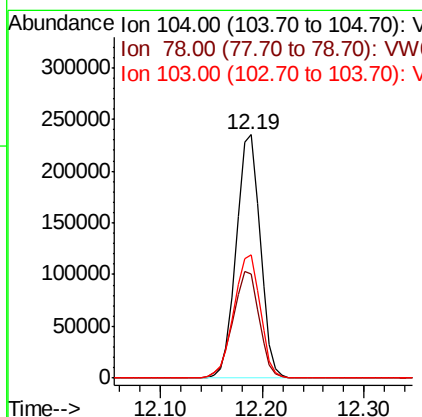
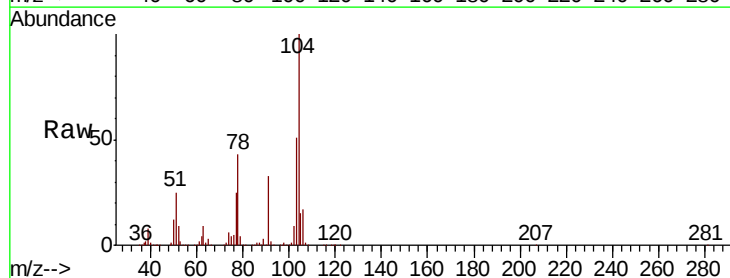
Manual Integrations
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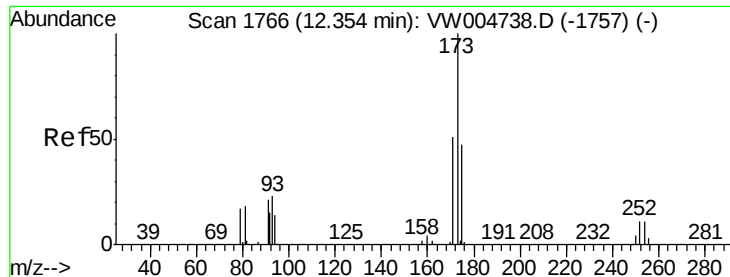
apatel
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#70
Styrene
Concen: 21.17 ug/l
RT: 12.19 min Scan# 1739
Delta R.T. -0.00 min
Lab File: VW004810.D
Acq: 21 Aug 2018 01:10

Tgt Ion	Ion	Ratio	Lower	Upper
104	100			
78	47.8	38.4	57.6	
103	55.6	44.1	66.1	





#71

Bromoform

Concen: 20.94 ug/l

RT: 12.35 min Scan# 1766

Delta R.T. -0.00 min

Lab File: VW004810.D

Acq: 21 Aug 2018 01:10

Instrument :

MSVOA_W

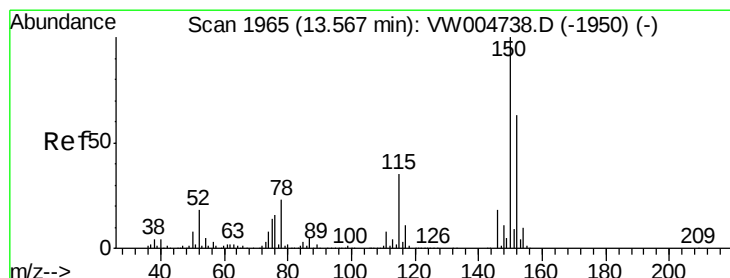
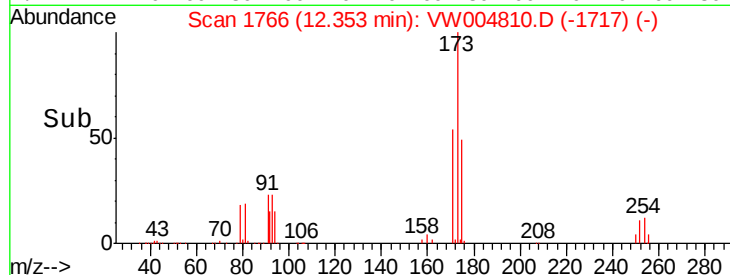
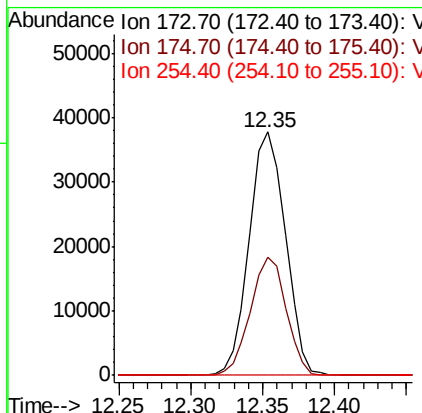
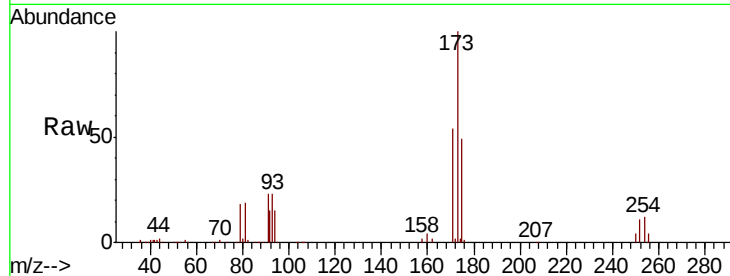
ClientSampleId :

VW0820SBS02

Tot Ion	Ion	Ratio	Resp	Lower	Upper
173	100		65822		
175	47.8	23.8	71.4		
254	0.1	0.1	0.1		

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#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

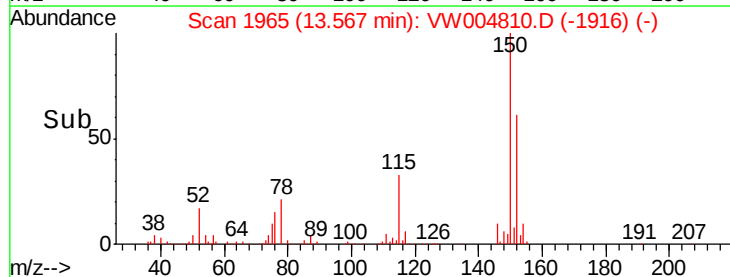
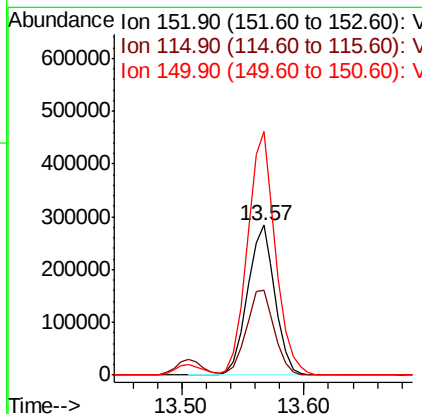
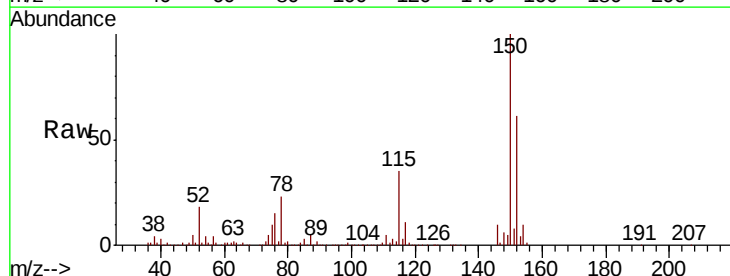
RT: 13.57 min Scan# 1965

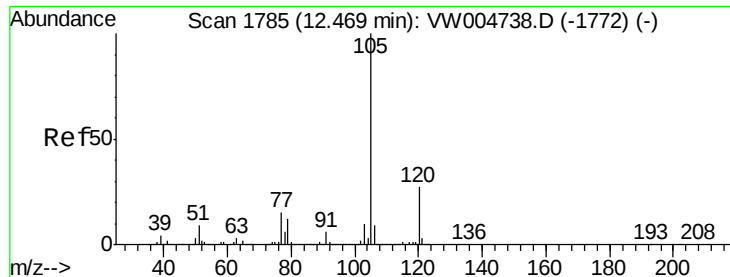
Delta R.T. -0.00 min

Lab File: VW004810.D

Acq: 21 Aug 2018 01:10

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
152	100		439964		
115	58.1	28.5	85.5		
150	165.5	0.0	344.8		





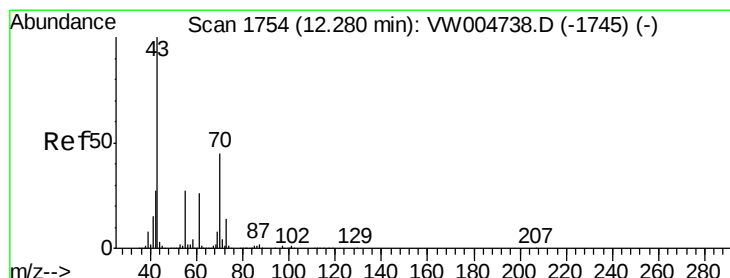
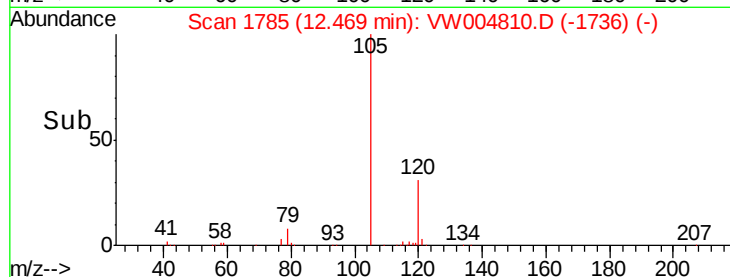
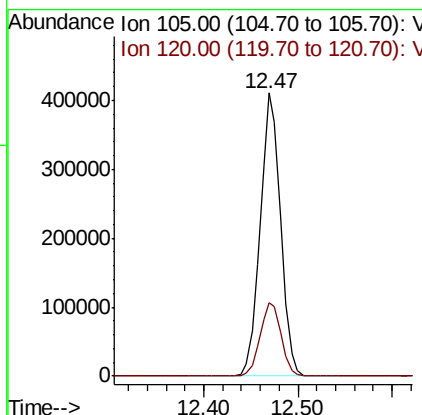
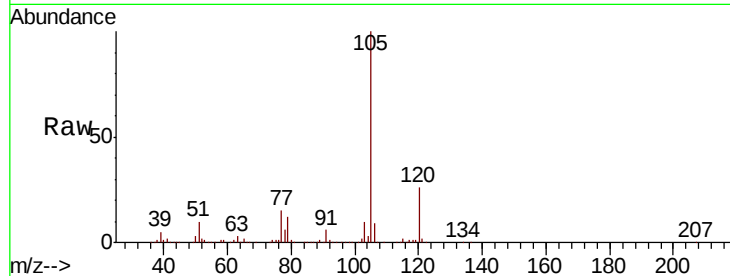
#73
Isopropylbenzene
Concen: 20.92 ug/l
RT: 12.47 min Scan# 1785
Delta R.T. -0.00 min
Lab File: VW004810.D
Acq: 21 Aug 2018 01:10

Instrument :
MSVOA_W
ClientSampleId :
VW0820SBS02

Tot Ion	Ratio	Lower	Upper
105	100		
120	26.7	13.3	39.9

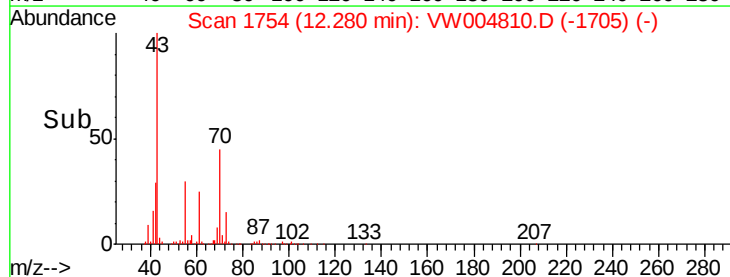
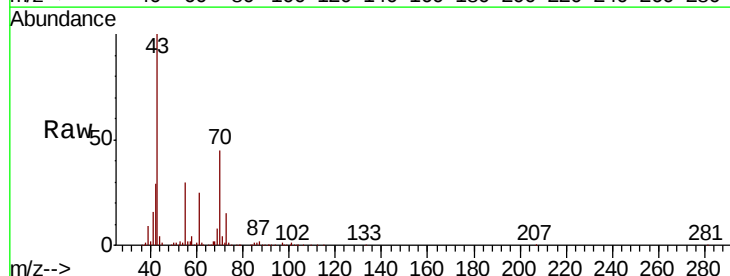
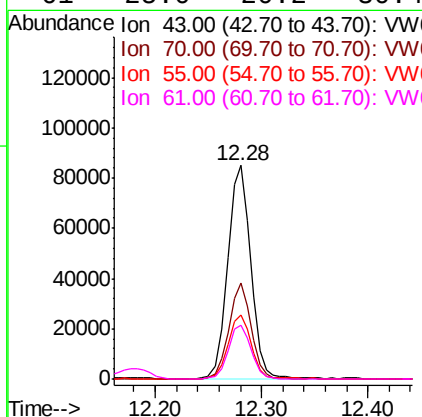
Manual Integrations
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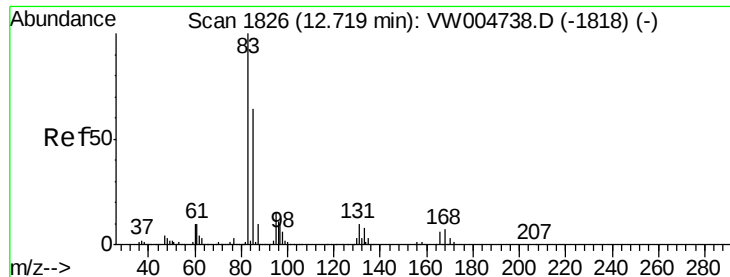
apatel
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#74
N-ethyl acetate
Concen: 20.97 ug/l
RT: 12.28 min Scan# 1754
Delta R.T. 0.00 min
Lab File: VW004810.D
Acq: 21 Aug 2018 01:10

Tgt Ion	Ratio	Lower	Upper
43	100		
70	43.6	36.3	54.5
55	29.9	22.6	33.8
61	25.0	20.2	30.4





#75

1,1,2,2-Tetrachloroethane

Concen: 21.58 ug/l

RT: 12.72 min Scan# 1826

Delta R.T. -0.00 min

Lab File: VW004810.D

Acq: 21 Aug 2018 01:10

Instrument :

MSVOA_W

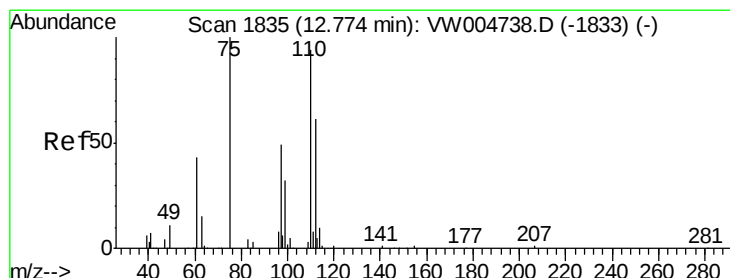
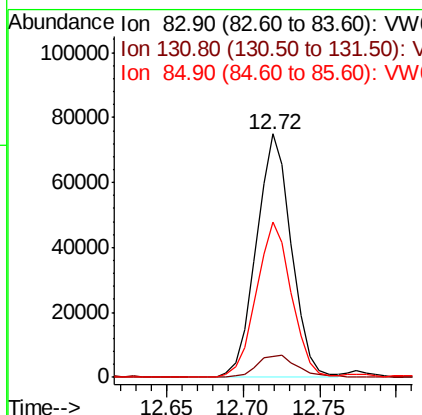
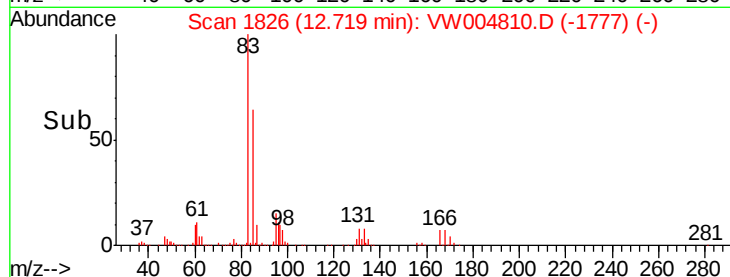
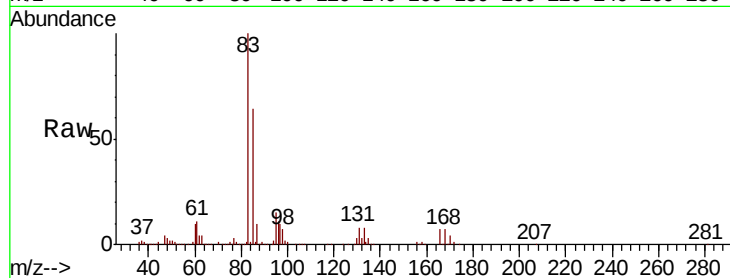
ClientSampleId :

VW0820SBSD02

Tot Ion:	83	Resp:	119632
Ion Ratio	Lower	Upper	
83	100		
131	10.4	5.3	15.8
85	64.0	31.9	95.9

Manual Integrations
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#76

1,2,3-Trichloropropane

Concen: 20.66 ug/l m

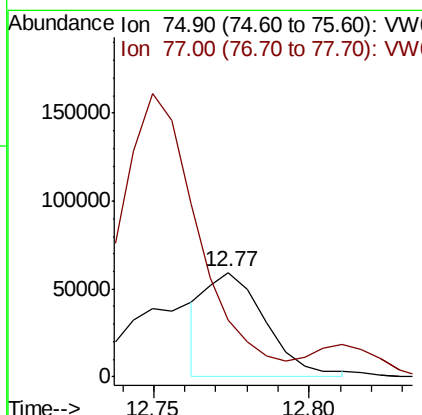
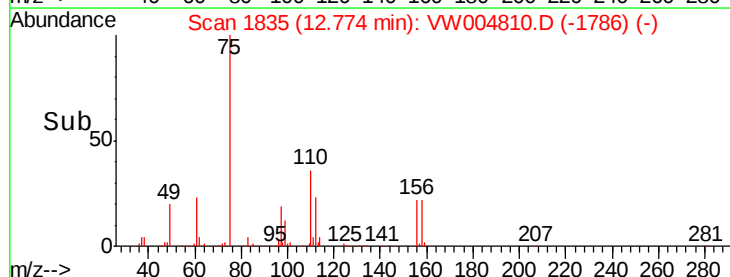
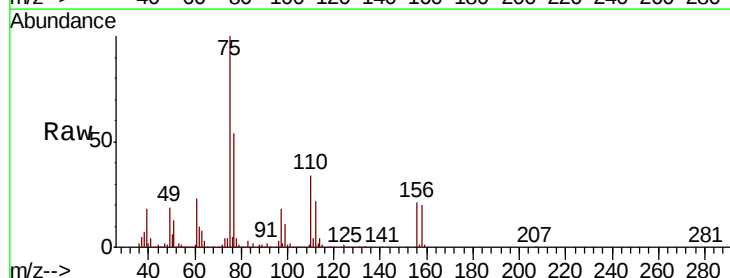
RT: 12.77 min Scan# 1835

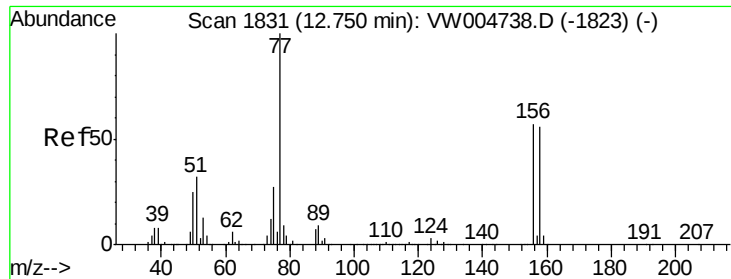
Delta R.T. -0.00 min

Lab File: VW004810.D

Acq: 21 Aug 2018 01:10

Tgt Ion:	75	Resp:	80139
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





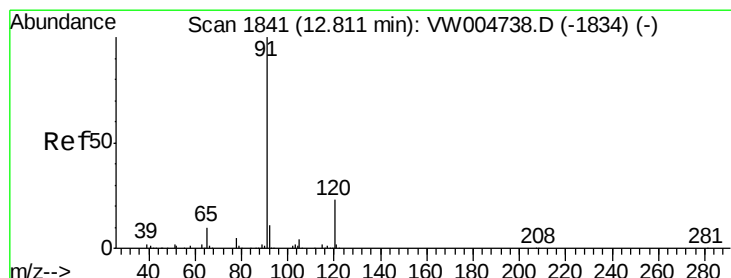
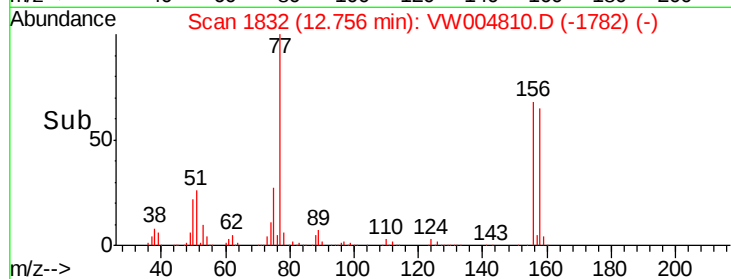
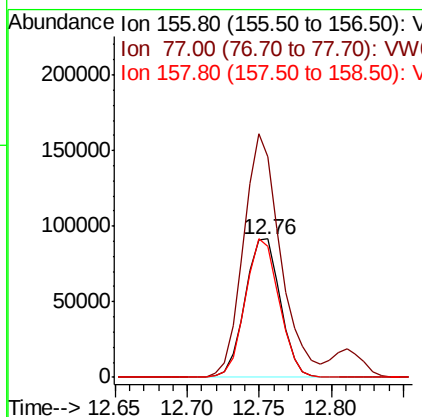
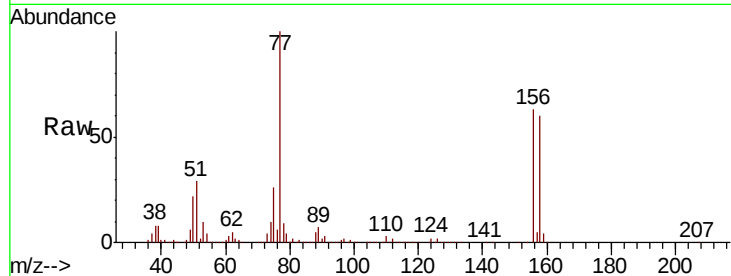
#77
Bromobenzene
Concen: 21.28 ug/l
RT: 12.76 min Scan# 1832
Delta R.T. 0.01 min
Lab File: VW004810.D
Acq: 21 Aug 2018 01:10

Instrument :
MSVOA_W
ClientSampleId :
VW0820SBSD02

Tot Ion	Ratio	Lower	Upper
156	100		
77	186.1	94.2	282.4
158	97.0	48.6	145.9

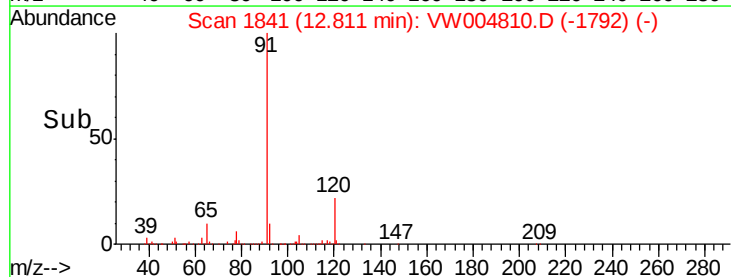
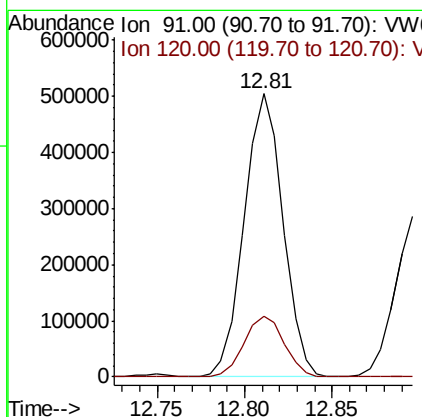
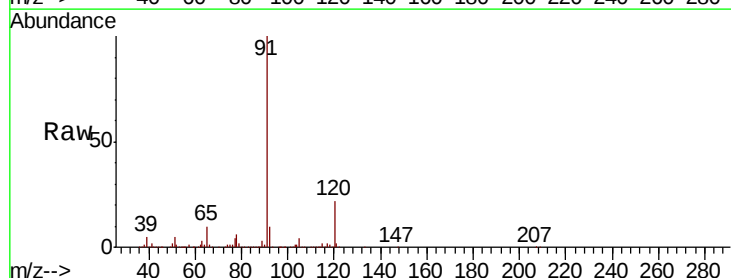
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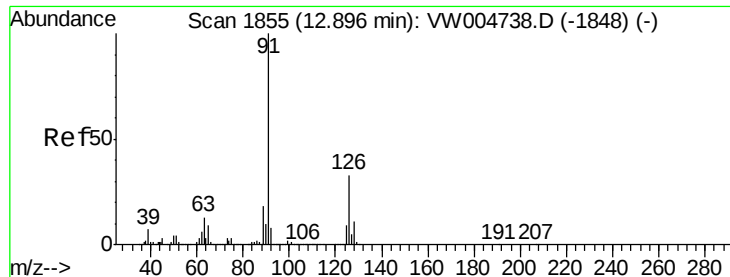
apatel
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#78
n-propylbenzene
Concen: 21.24 ug/l
RT: 12.81 min Scan# 1841
Delta R.T. -0.00 min
Lab File: VW004810.D
Acq: 21 Aug 2018 01:10

Tgt Ion	Ratio	Lower	Upper
91	100		
120	22.4	11.4	34.2





#79

2-Chlorotoluene

Concen: 21.39 ug/l

RT: 12.90 min Scan# 1855

Delta R.T. -0.00 min

Lab File: VW004810.D

Acq: 21 Aug 2018 01:10

Instrument :

MSVOA_W

ClientSampleId :

VW0820SBSD02

Tot Ion: 91 Resp: 450369

Ion Ratio Lower Upper

91 100

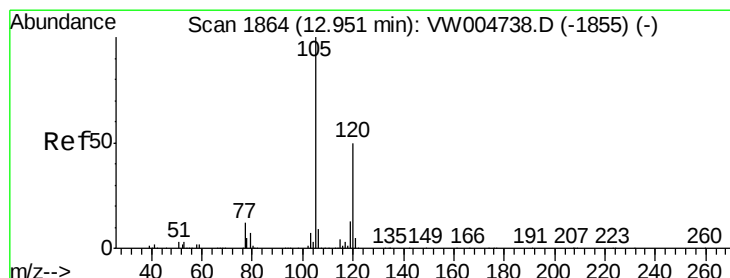
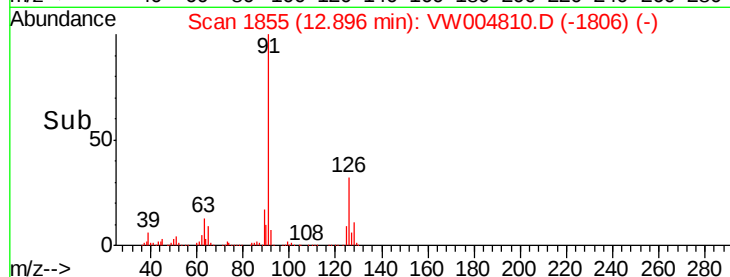
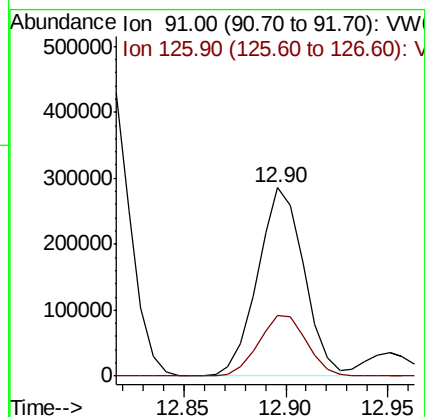
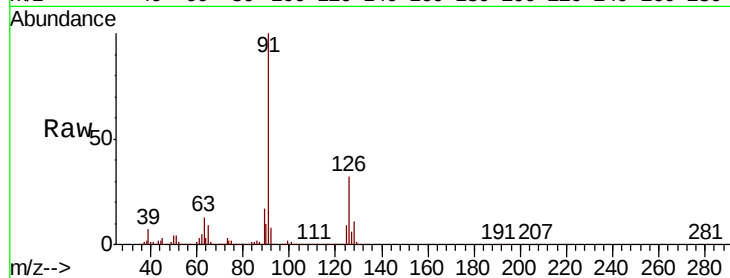
126 33.8 17.0 51.0

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#80

1,3,5-Trimethylbenzene

Concen: 21.66 ug/l

RT: 12.95 min Scan# 1864

Delta R.T. -0.00 min

Lab File: VW004810.D

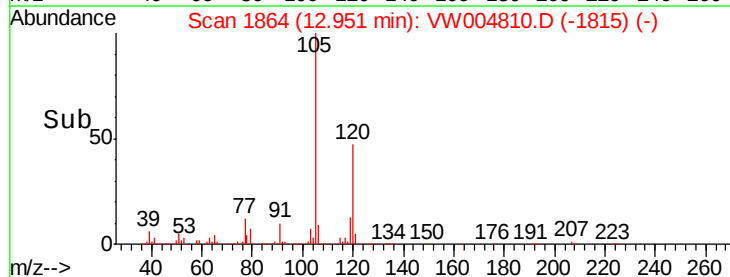
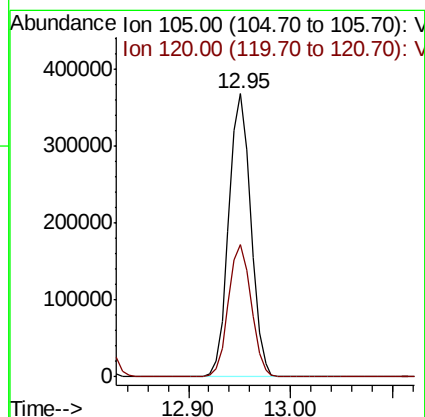
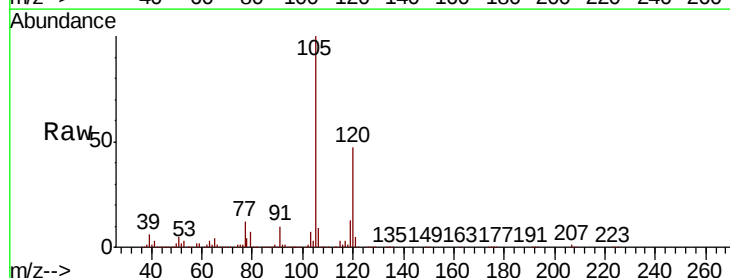
Acq: 21 Aug 2018 01:10

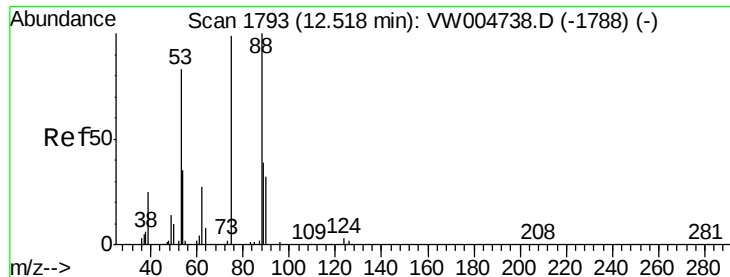
Tgt Ion:105 Resp: 550687

Ion Ratio Lower Upper

105 100

120 48.3 24.7 74.1





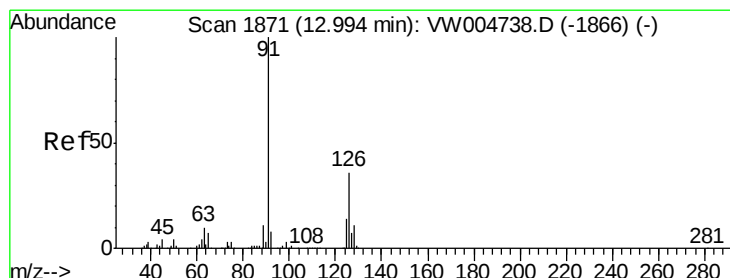
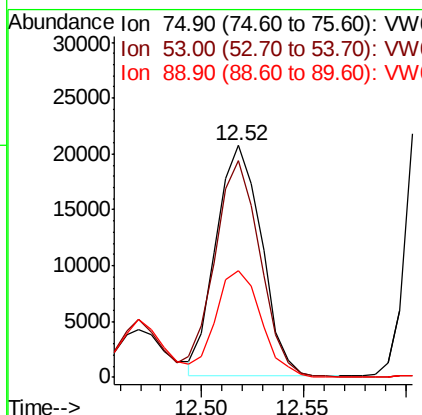
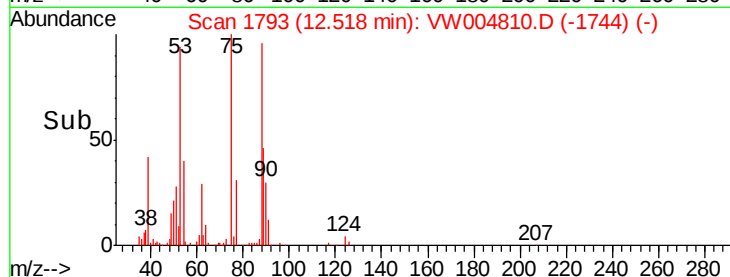
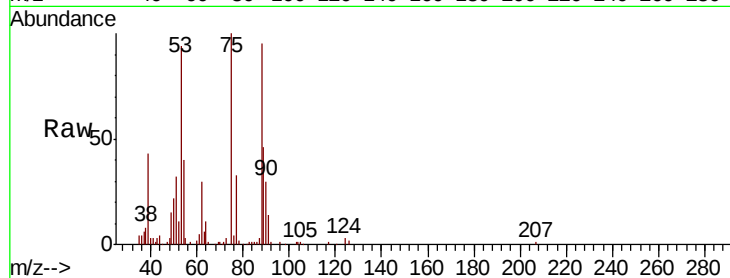
#81
trans-1,4-Dichloro-2-butene
Concen: 19.10 ug/l
RT: 12.52 min Scan# 1793
Delta R.T. -0.00 min
Lab File: VW004810.D
Acq: 21 Aug 2018 01:10

Instrument :
MSVOA_W
ClientSampleId :
VW0820SBS02

Tot Ion	Ratio	Lower	Upper
75	100		
53	95.0	72.2	108.4
89	46.8	35.2	52.8

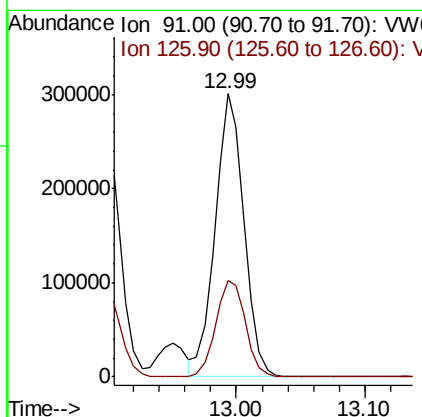
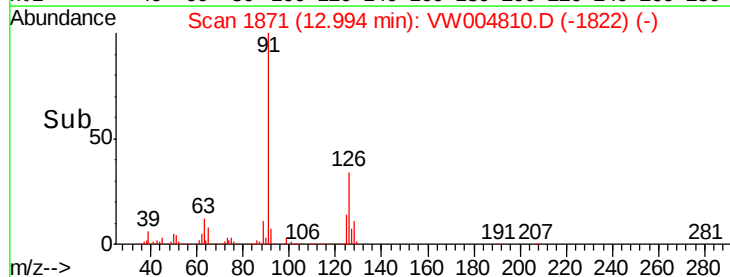
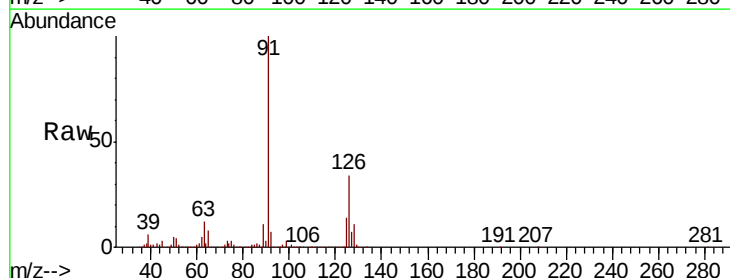
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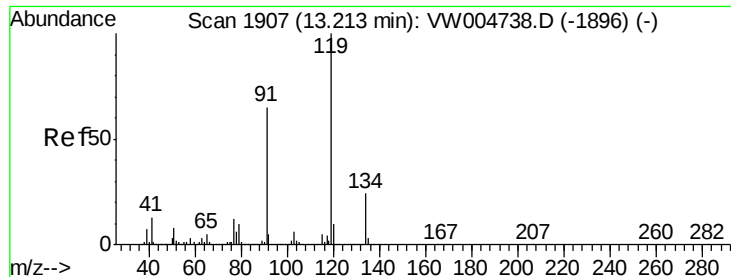
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#82
4-Chlorotoluene
Concen: 21.08 ug/l
RT: 12.99 min Scan# 1871
Delta R.T. -0.00 min
Lab File: VW004810.D
Acq: 21 Aug 2018 01:10

Tgt Ion	Ratio	Lower	Upper
91	100		
126	35.0	16.9	50.7





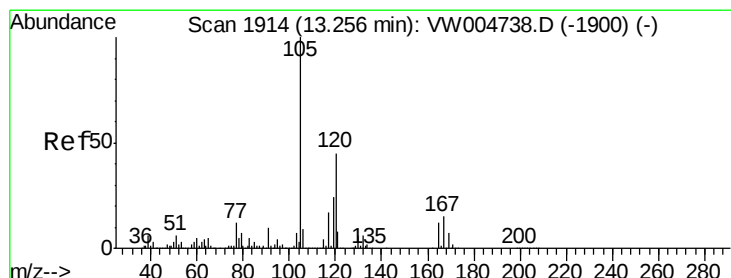
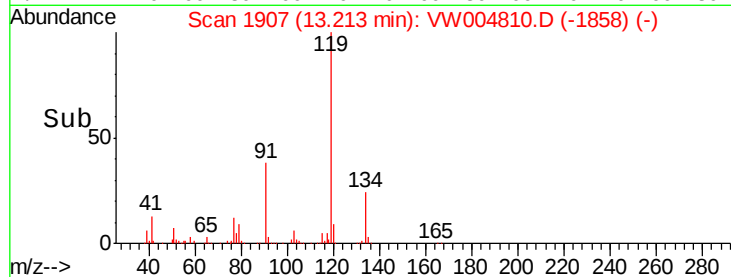
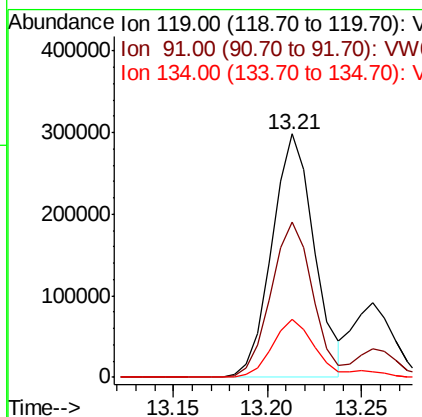
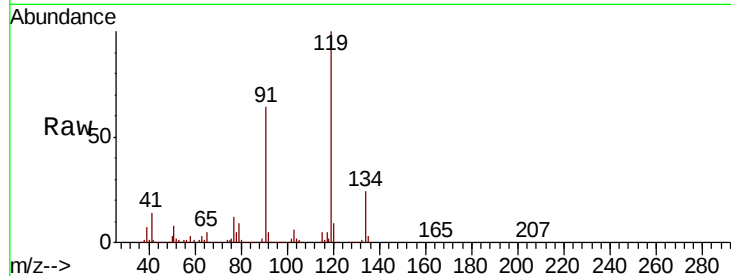
#83
 tert-Butylbenzene
 Concen: 21.40 ug/l
 RT: 13.21 min Scan# 1907
 Delta R.T. -0.00 min
 Lab File: VW004810.D
 Acq: 21 Aug 2018 01:10

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0820SBS02

Tot Ion	Ratio	Lower	Upper
119	100		
91	62.7	32.6	97.8
134	23.8	13.1	39.3

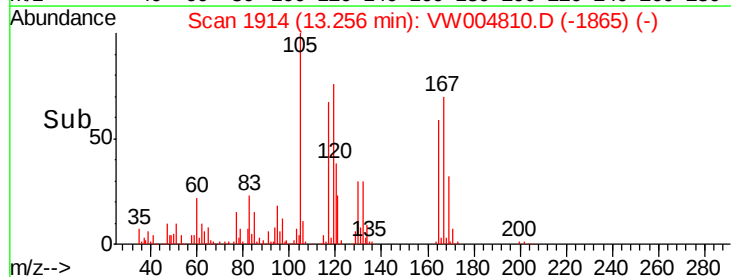
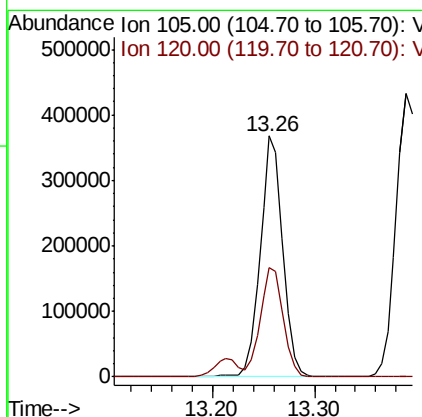
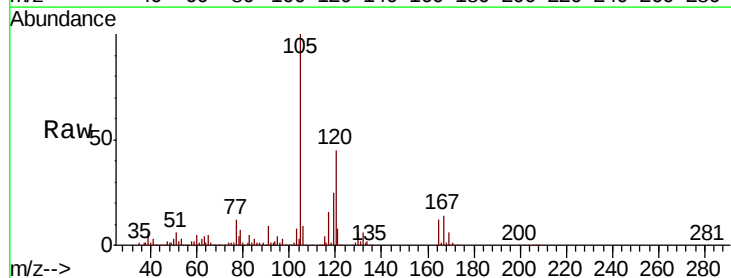
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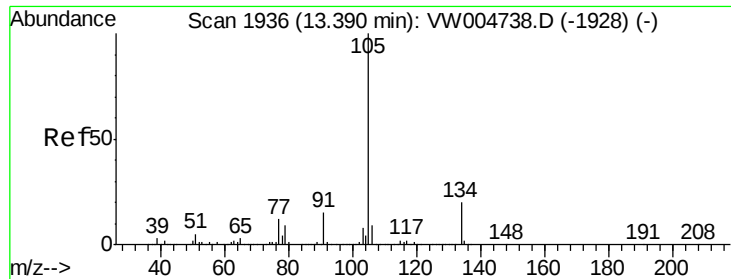
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#84
 1,2,4-Trimethylbenzene
 Concen: 21.56 ug/l
 RT: 13.26 min Scan# 1914
 Delta R.T. -0.00 min
 Lab File: VW004810.D
 Acq: 21 Aug 2018 01:10

Tgt Ion	Ratio	Lower	Upper
105	100		
120	45.9	22.8	68.3





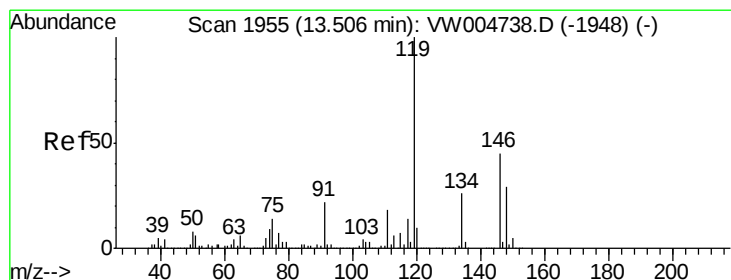
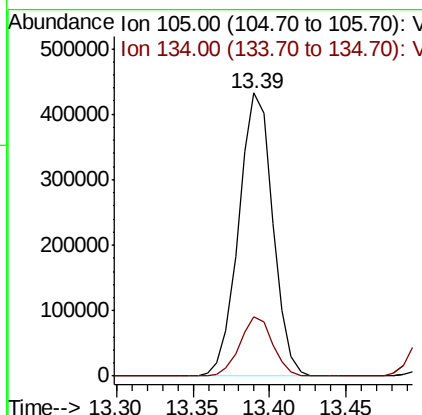
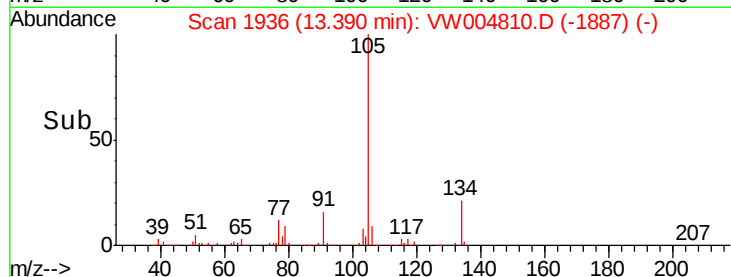
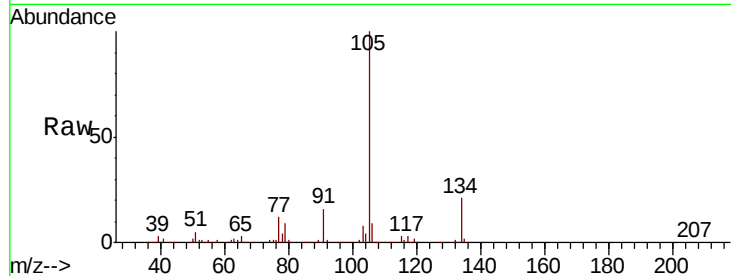
#85
 sec-Butylbenzene
 Concen: 20.54 ug/l
 RT: 13.39 min Scan# 1936
 Delta R.T. -0.00 min
 Lab File: VW004810.D
 Acq: 21 Aug 2018 01:10

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0820SBS02

Tot Ion	Ratio	Lower	Upper
105	100		
134	20.4	10.0	29.8

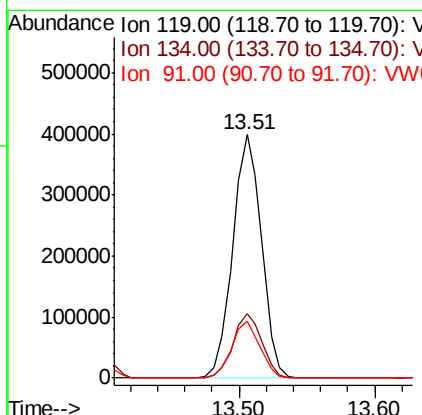
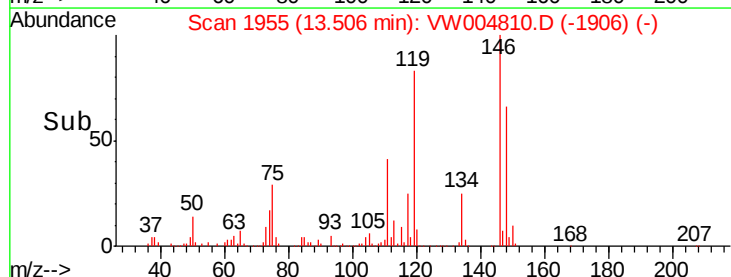
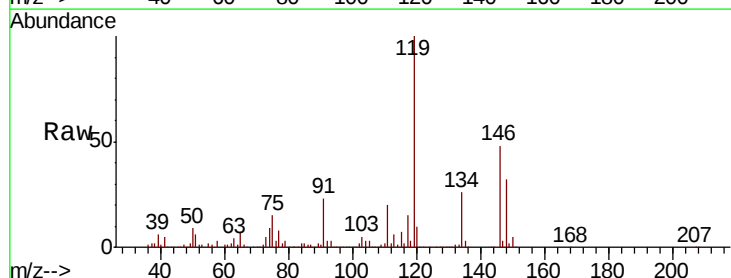
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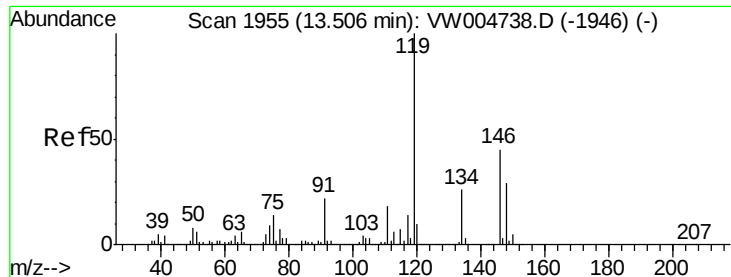
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#86
 p-Isopropyltoluene
 Concen: 20.64 ug/l
 RT: 13.51 min Scan# 1955
 Delta R.T. -0.00 min
 Lab File: VW004810.D
 Acq: 21 Aug 2018 01:10

Tgt Ion	Ratio	Lower	Upper
119	100		
134	26.6	13.1	39.3
91	22.9	11.2	33.5





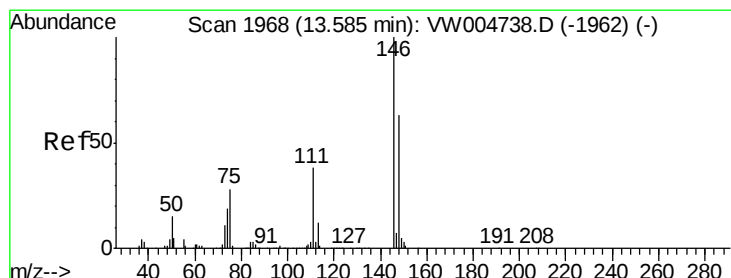
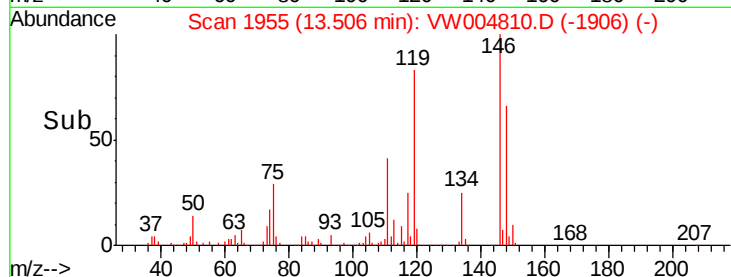
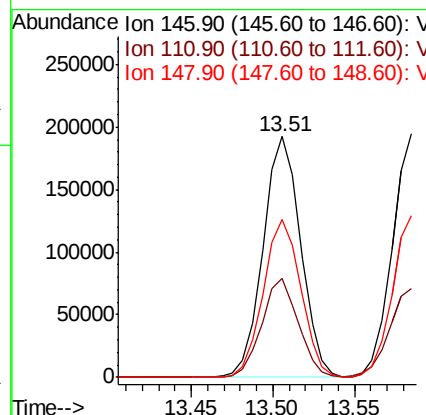
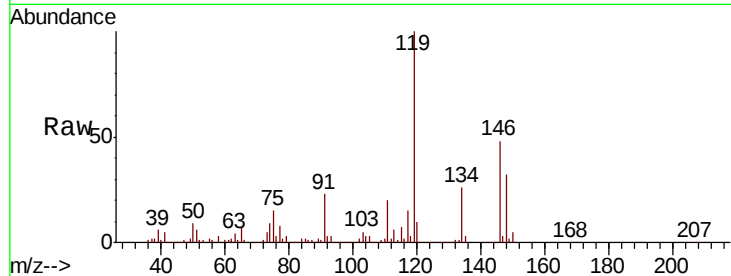
#87
 1,3-Dichlorobenzene
 Concen: 20.81 ug/l
 RT: 13.51 min Scan# 1955
 Delta R.T. -0.00 min
 Lab File: VW004810.D
 Acq: 21 Aug 2018 01:10

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0820SBSD02

Tot Ion	Ratio	Resp	Lower	Upper
146	100	306624		
111	40.1	19.8	59.4	
148	65.6	31.9	95.9	

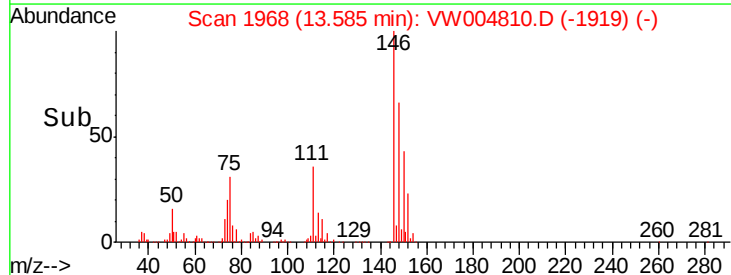
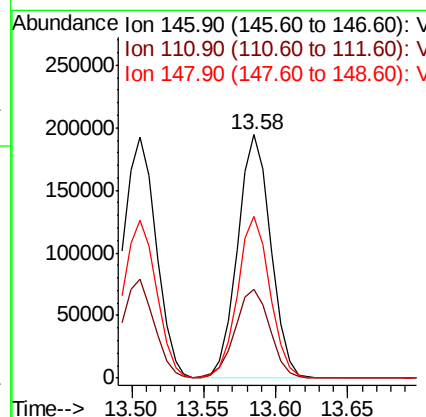
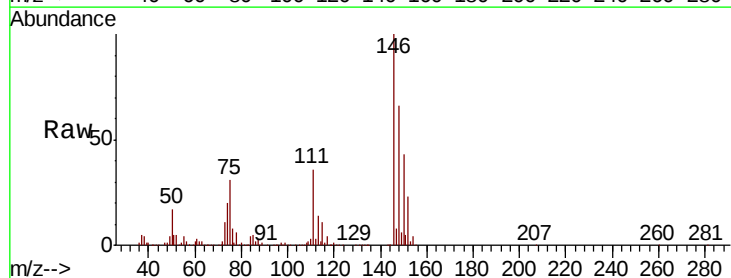
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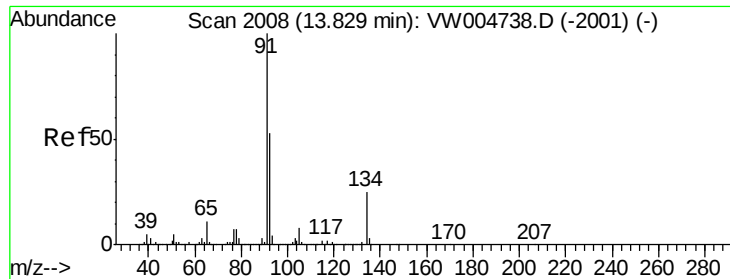
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#88
 1,4-Dichlorobenzene
 Concen: 21.14 ug/l
 RT: 13.58 min Scan# 1968
 Delta R.T. -0.00 min
 Lab File: VW004810.D
 Acq: 21 Aug 2018 01:10

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	311461		
111	38.7	19.3	57.8	
148	65.0	31.8	95.3	





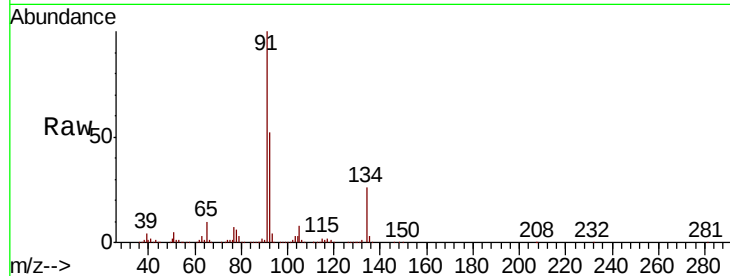
#89
n-Butylbenzene
Concen: 20.32 ug/l
RT: 13.83 min Scan# 2009
Delta R.T. 0.01 min
Lab File: VW004810.D
Acq: 21 Aug 2018 01:10

Instrument :
MSVOA_W
ClientSampleId :
VW0820SBSD02

Tot Ion	Ratio	Lower	Upper
91	100		
92	52.2	26.4	79.2
134	25.8	12.8	38.3

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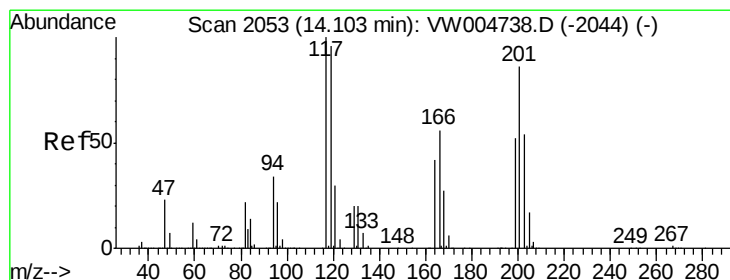
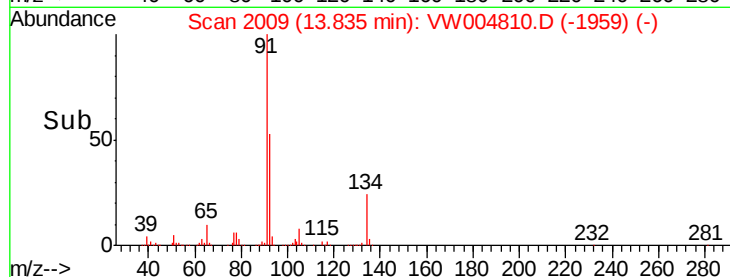
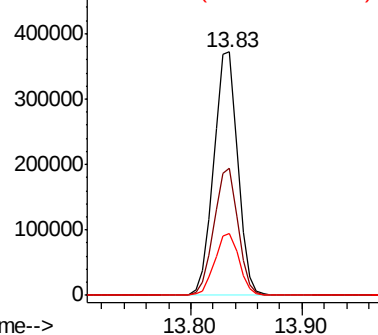


Abundance

Ion 91.00 (90.70 to 91.70): VW

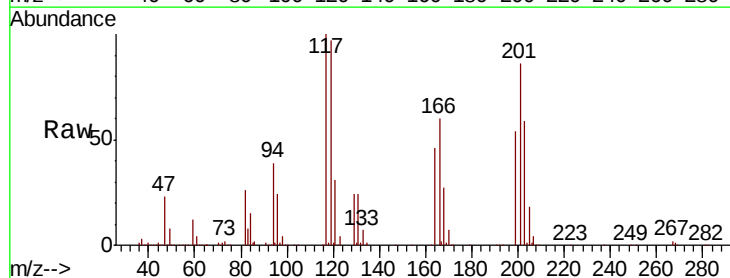
Ion 92.00 (91.70 to 92.70): VW

Ion 134.00 (133.70 to 134.70): V



#90
Hexachloroethane
Concen: 19.91 ug/l
RT: 14.10 min Scan# 2053
Delta R.T. -0.00 min
Lab File: VW004810.D
Acq: 21 Aug 2018 01:10

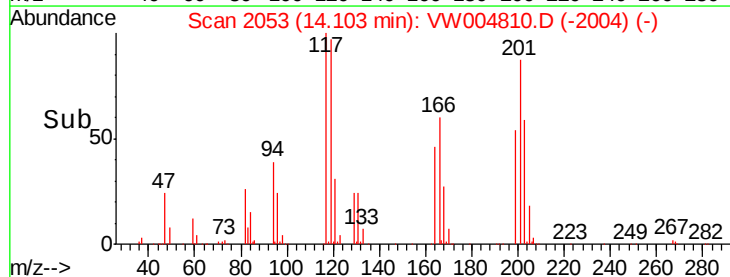
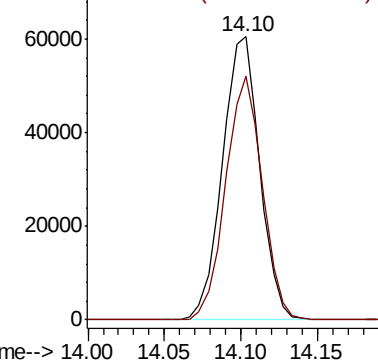
Tgt Ion	Ratio	Lower	Upper
117	100		
201	84.6	42.4	127.2

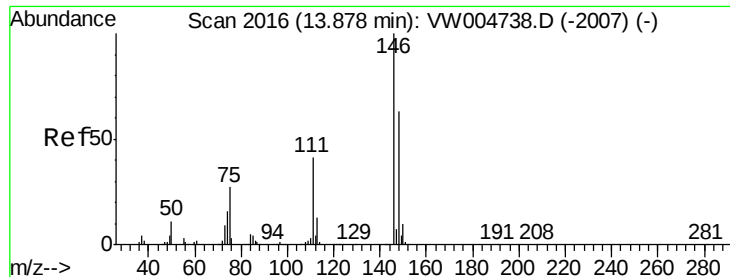


Abundance

Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V





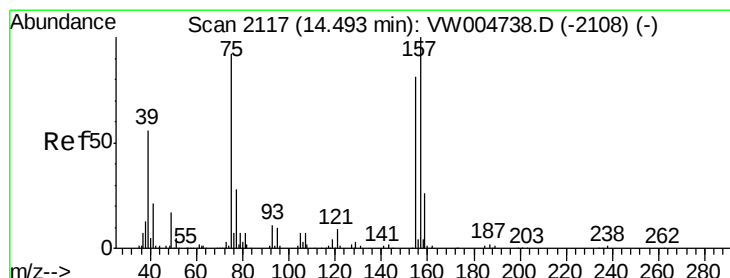
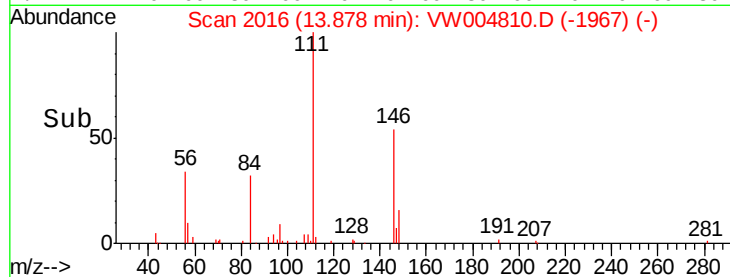
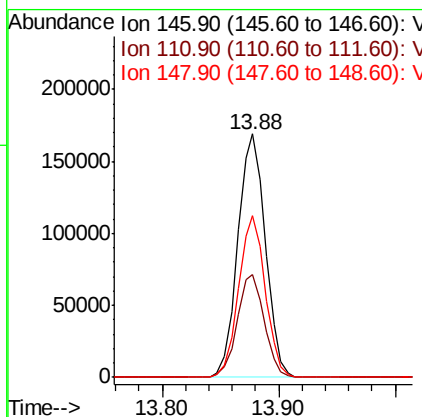
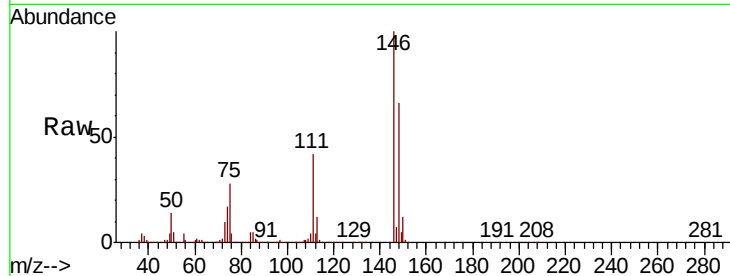
#91
 1,2-Dichlorobenzene
 Concen: 21.05 ug/l
 RT: 13.88 min Scan# 2016
 Delta R.T. -0.00 min
 Lab File: VW004810.D
 Acq: 21 Aug 2018 01:10

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0820SBSD02

Tot Ion	Ratio	Lower	Upper
146	100		
111	41.5	20.4	61.3
148	64.2	31.6	95.0

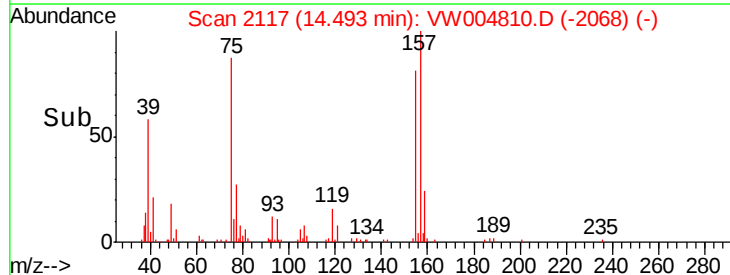
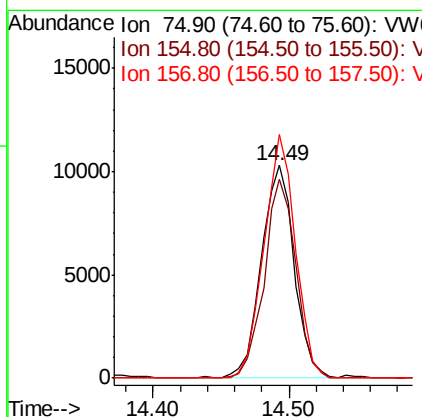
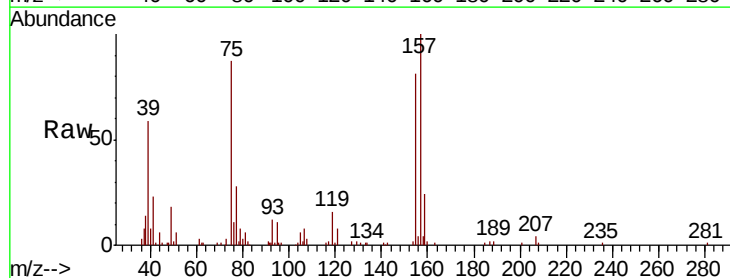
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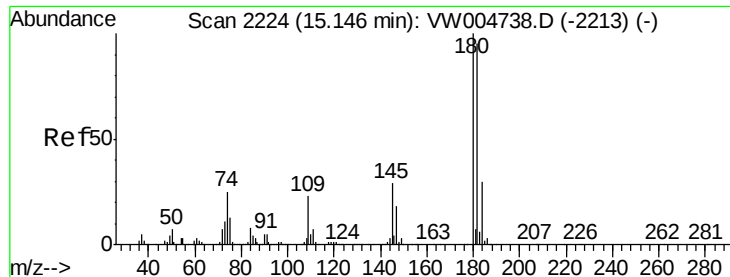
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 20.16 ug/l
 RT: 14.49 min Scan# 2117
 Delta R.T. -0.00 min
 Lab File: VW004810.D
 Acq: 21 Aug 2018 01:10

Tgt Ion	Ratio	Lower	Upper
75	100		
155	89.4	43.3	129.9
157	108.7	54.5	163.6





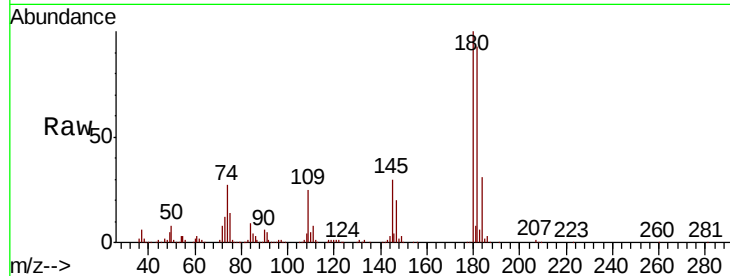
#93
 1,2,4-Trichlorobenzene
 Concen: 21.22 ug/l
 RT: 15.14 min Scan# 2223
 Delta R.T. -0.01 min
 Lab File: VW004810.D
 Acq: 21 Aug 2018 01:10

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0820SBS02

Tot Ion	Ratio	Resp	Lower	Upper
180	100	198658		
182	93.0	47.3	141.8	
145	29.4	14.6	43.8	

Manual Integrations
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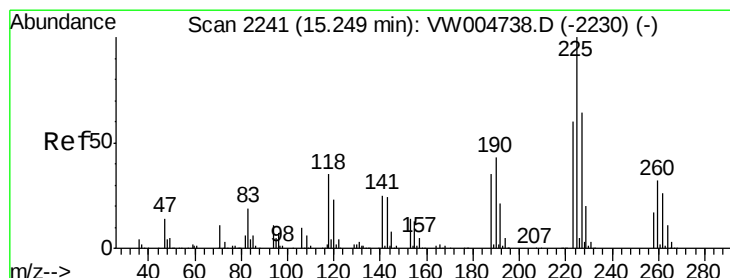
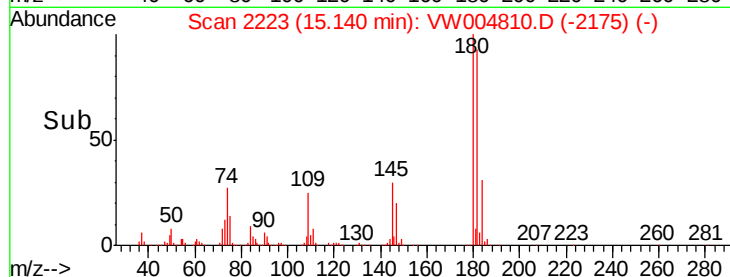
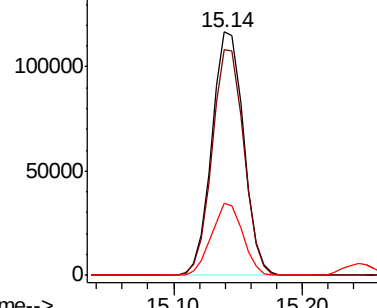


Abundance

Ion 179.80 (179.50 to 180.50): V

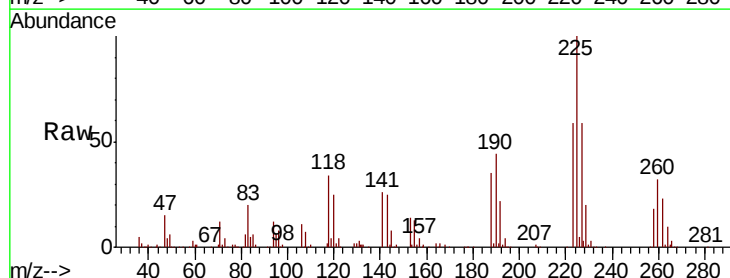
Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V



#94
 Hexachlorobutadiene
 Concen: 20.57 ug/l
 RT: 15.24 min Scan# 2240
 Delta R.T. -0.01 min
 Lab File: VW004810.D
 Acq: 21 Aug 2018 01:10

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	118212		
223	60.8	30.9	92.5	
227	62.2	32.0	96.0	

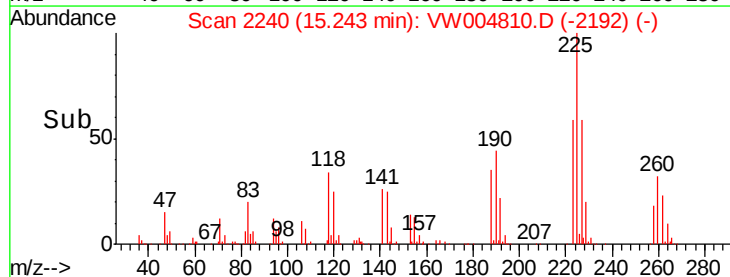
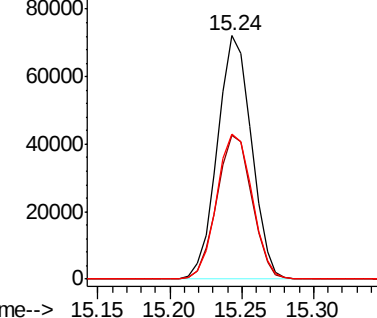


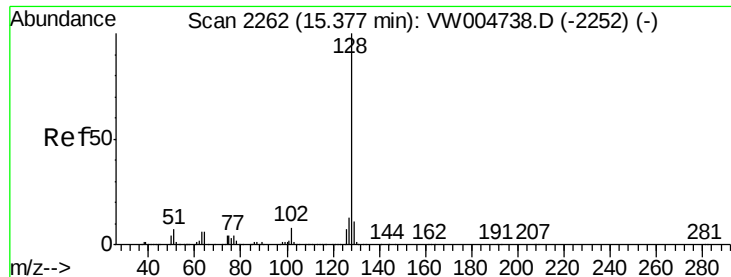
Abundance

Ion 224.70 (224.40 to 225.40): V

Ion 222.70 (222.40 to 223.40): V

Ion 226.70 (226.40 to 227.40): V





#95

Naphthalene

Concen: 20.32 ug/l

RT: 15.38 min Scan# 2262

Delta R.T. 0.00 min

Lab File: VW004810.D

Acq: 21 Aug 2018 01:10

Instrument :

MSVOA_W

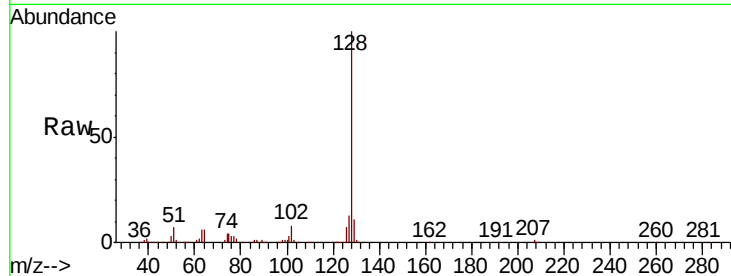
ClientSampleId :

VW0820SBSD02

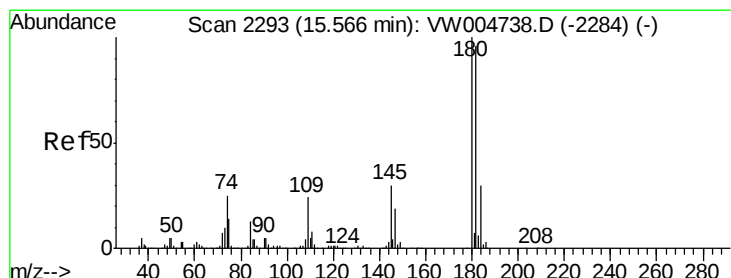
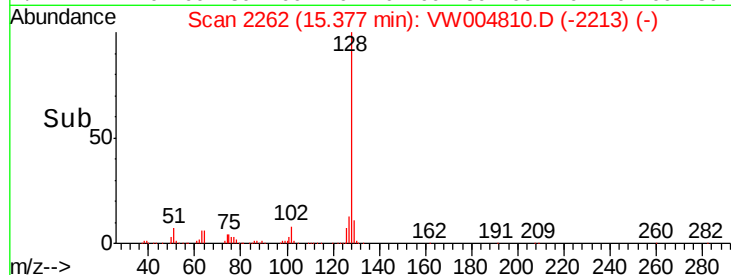
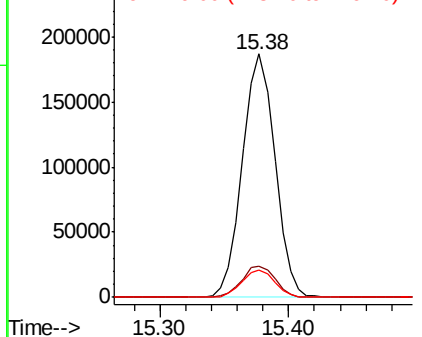
Tot Ion	Ion	Ratio	Resp	Lower	Upper
128	100				
127	13.2		10.4	15.6	
129	11.2		8.6	13.0	

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



#96

1,2,3-Trichlorobenzene

Concen: 21.21 ug/l

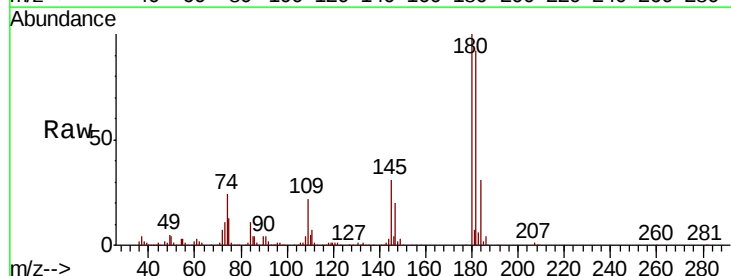
RT: 15.57 min Scan# 2293

Delta R.T. -0.00 min

Lab File: VW004810.D

Acq: 21 Aug 2018 01:10

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
180	100				
182	93.8		47.3	142.0	
145	30.6		15.4	46.1	



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

