

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW091118\
 Data File : VW005268.D
 Acq On : 11 Sep 2018 12:04
 Operator : SY/AP
 Sample : VW0911SBSD01
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0911SBSD01

Manual Integrations
 APPROVED

apatel
 9/12/2018 10:29:17 AM

Quant Time: Sep 11 12:45:42 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W091018S.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 11 03:48:23 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.96	168	455179	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	625558	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	614993	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	343817	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.32	65	169723	49.99	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.98%	
35) Dibromofluoromethane	7.89	113	171182	52.24	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.48%	
50) Toluene-d8	10.33	98	849529	51.30	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.60%	
62) 4-Bromofluorobenzene	12.63	95	309699	51.13	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.26%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.00	85	92633	23.59	ug/l	98
3) Chloromethane	2.22	50	111401	21.22	ug/l	97
4) Vinyl Chloride	2.36	62	103735	21.53	ug/l	97
5) Bromomethane	2.75	94	73862	23.70	ug/l	99
6) Chloroethane	2.91	64	56850	21.42	ug/l	98
7) Trichlorofluoromethane	3.26	101	119535	21.93	ug/l	97
8) Diethyl Ether	3.69	74	39031	20.09	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	4.06	101	81626	20.96	ug/l	99
10) Methyl Iodide	4.28	142	76369	18.06	ug/l	100
11) Tert butyl alcohol	5.17	59	35220	126.50	ug/l	96
12) 1,1-Dichloroethene	4.04	96	75027	20.93	ug/l	99
13) Acrolein	3.90	56	27471	102.15	ug/l	98
14) Allyl chloride	4.68	41	108054	19.61	ug/l	98
15) Acrylonitrile	5.38	53	88308	100.74	ug/l	99
16) Acetone	4.13	43	65861	104.51	ug/l	94
17) Carbon Disulfide	4.39	76	257683	20.47	ug/l	100
18) Methyl Acetate	4.68	43	38125	20.27	ug/l	99
19) Methyl tert-butyl Ether	5.43	73	175693	20.57	ug/l	98
20) Methylene Chloride	4.92	84	103762	20.19	ug/l	98
21) trans-1,2-Dichloroethene	5.43	96	86870	20.75	ug/l	96
22) Diisopropyl ether	6.32	45	229535	20.69	ug/l	94
23) Vinyl Acetate	6.27	43	626593	101.37	ug/l	99
24) 1,1-Dichloroethane	6.22	63	140270	20.55	ug/l	98
25) 2-Butanone	7.18	43	107356	108.00	ug/l	97
26) 2,2-Dichloropropane	7.18	77	130574	22.06	ug/l	99
27) cis-1,2-Dichloroethene	7.18	96	93669	20.91	ug/l	99
28) Bromochloromethane	7.52	49	50117	19.90	ug/l	97
29) Tetrahydrofuran	7.54	42	67810	101.23	ug/l	99
30) Chloroform	7.68	83	143126	20.89	ug/l	100
31) Cyclohexane	7.96	56	151704	20.88	ug/l	95
32) 1,1,1-Trichloroethane	7.88	97	129742	20.96	ug/l	99
36) 1,1-Dichloropropene	8.09	75	124391	21.70	ug/l	99
37) Ethyl Acetate	7.26	43	47509	21.79	ug/l	99
38) Carbon Tetrachloride	8.07	117	118028	21.98	ug/l	99

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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	151337	19.89	ug/l	94
40) Benzene	8.33	78	369860	21.91	ug/l	100
41) Methacrylonitrile	7.49	41	26555	23.74	ug/l	95
42) 1,2-Dichloroethane	8.41	62	87111	21.57	ug/l	100
43) Isopropyl Acetate	8.43	43	84631	20.91	ug/l	97
44) Trichloroethene	9.10	130	102550	22.14	ug/l	92
45) 1,2-Dichloropropane	9.38	63	78935	19.45	ug/l	98
46) Dibromomethane	9.46	93	38295	19.28	ug/l	97
47) Bromodichloromethane	9.65	83	96444	19.85	ug/l	97
48) Methyl methacrylate	9.45	41	39215	18.66	ug/l	99
49) 1,4-Dioxane	9.45	88	15240	410.90	ug/l	95
51) 4-Methyl-2-Pentanone	10.22	43	231973	101.83	ug/l	100
52) Toluene	10.40	92	259742	21.17	ug/l	99
53) t-1,3-Dichloropropene	10.62	75	108255	20.61	ug/l	98
54) cis-1,3-Dichloropropene	10.08	75	131246	20.87	ug/l	99
55) 1,1,2-Trichloroethane	10.79	97	66540	21.01	ug/l	95
56) Ethyl methacrylate	10.65	69	79864	19.89	ug/l	98
57) 1,3-Dichloropropane	10.94	76	108857	20.70	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.93	63	179717	102.97	ug/l	99
59) 2-Hexanone	10.98	43	170098	103.57	ug/l	99
60) Dibromochloromethane	11.13	129	73193	20.82	ug/l	99
61) 1,2-Dibromoethane	11.24	107	61034	21.01	ug/l	99
64) Tetrachloroethene	10.87	164	99213	21.74	ug/l	99
65) Chlorobenzene	11.66	112	288145	21.39	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.74	131	86111	21.41	ug/l	99
67) Ethyl Benzene	11.74	91	501970	21.40	ug/l	99
68) m/p-Xylenes	11.85	106	411098	43.48	ug/l	98
69) o-Xylene	12.18	106	185743	21.12	ug/l	98
70) Styrene	12.19	104	308896	21.52	ug/l	99
71) Bromoform	12.36	173	45406	20.82	ug/l #	97
73) Isopropylbenzene	12.48	105	510274	21.01	ug/l	100
74) N-amyl acetate	12.28	43	90333	19.54	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.72	83	77432	21.21	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	54333m	20.55	ug/l	
77) Bromobenzene	12.76	156	121860	21.29	ug/l	98
78) n-propylbenzene	12.81	91	621668	21.31	ug/l	100
79) 2-Chlorotoluene	12.90	91	355430	21.24	ug/l	100
80) 1,3,5-Trimethylbenzene	12.95	105	442282	21.38	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.52	75	22496	19.95	ug/l	98
82) 4-Chlorotoluene	13.00	91	372821	21.20	ug/l	99
83) tert-Butylbenzene	13.21	119	384065	21.23	ug/l	98
84) 1,2,4-Trimethylbenzene	13.26	105	444721	21.39	ug/l	99
85) sec-Butylbenzene	13.39	105	551861	21.23	ug/l	97
86) p-Isopropyltoluene	13.51	119	493533	21.44	ug/l	100
87) 1,3-Dichlorobenzene	13.51	146	256618	21.35	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	254834	21.59	ug/l	99
89) n-Butylbenzene	13.83	91	444149	20.53	ug/l	99
90) Hexachloroethane	14.10	117	77580	21.04	ug/l	100
91) 1,2-Dichlorobenzene	13.88	146	224075	21.21	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.49	75	11922	19.64	ug/l	98

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VW0911SBSD01

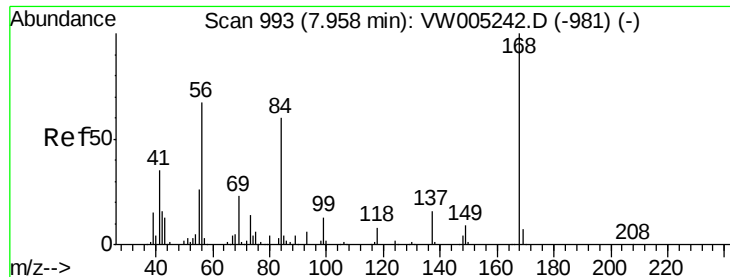
Manual Integrations
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Quant Title : SW846 8260
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.15	180	151626	20.29	ug/l	99
94) Hexachlorobutadiene	15.25	225	100074	20.92	ug/l	100
95) Naphthalene	15.38	128	234129	19.33	ug/l	100
96) 1,2,3-Trichlorobenzene	15.57	180	132020	20.53	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.96 min Scan# 993

Delta R.T. -0.00 min

Lab File: VW005268.D

Acq: 11 Sep 2018 12:04

Instrument :

MSVOA_W

ClientSampleId :

VW0911SBSD01

Tot Ion:168 Resp: 455179

Ion Ratio Lower Upper

168 100

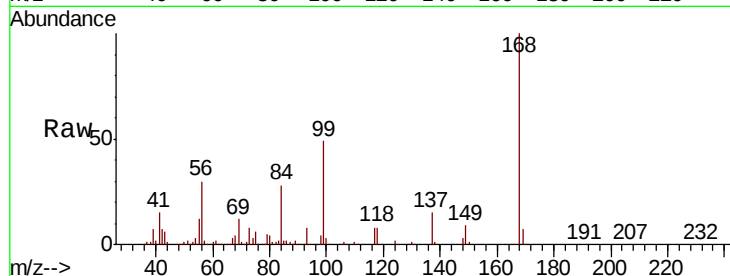
99 49.2 39.1 58.7

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.96

200000

150000

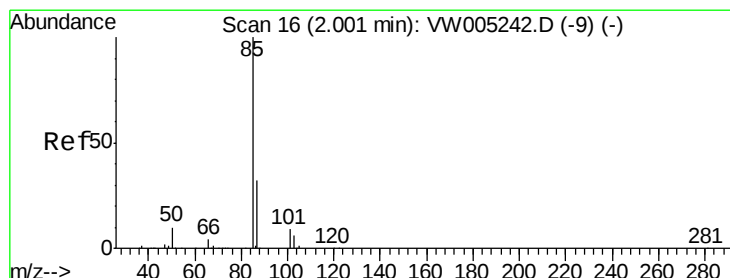
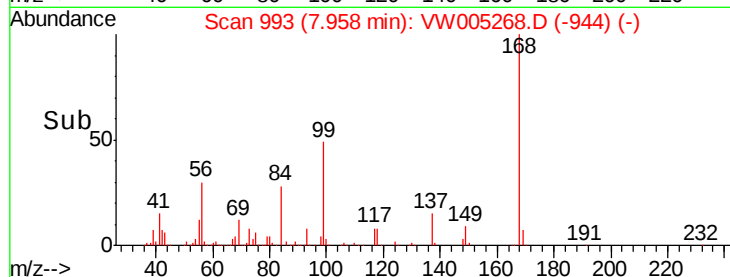
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50000

0

7.80 7.90 8.00 8.10 8.20

Time-->



#2

Dichlorodifluoromethane

Concen: 23.59 ug/l

RT: 2.00 min Scan# 16

Delta R.T. -0.00 min

Lab File: VW005268.D

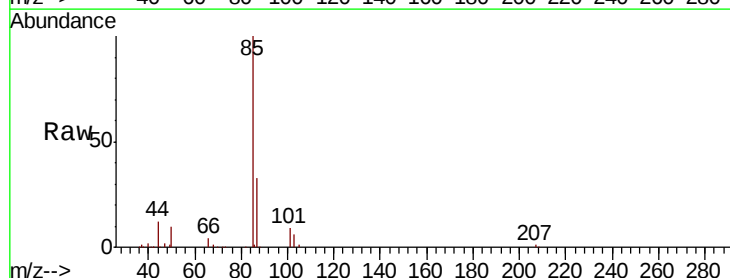
Acq: 11 Sep 2018 12:04

Tgt Ion: 85 Resp: 92633

Ion Ratio Lower Upper

85 100

87 32.8 16.0 47.9



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW

2.00

60000

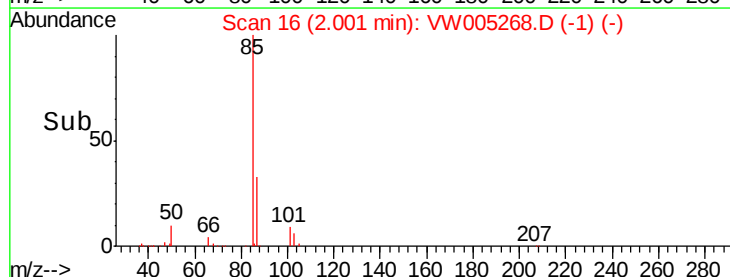
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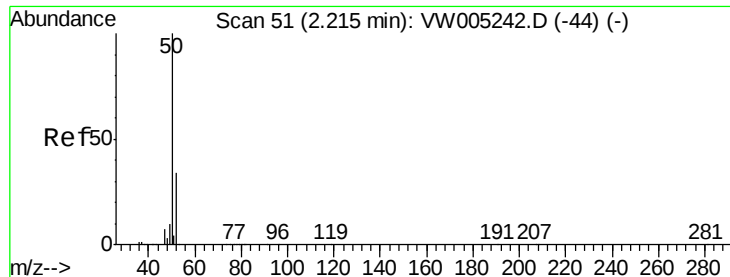
20000

0

1.90 2.00 2.10

Time-->





#3

Chloromethane

Concen: 21.22 ug/l

RT: 2.22 min Scan# 52

Delta R.T. 0.01 min

Lab File: VW005268.D

Acq: 11 Sep 2018 12:04

Instrument :

MSVOA_W

ClientSampleId :

VW0911SBSD01

Tot Ion: 50 Resp: 111401

Ion Ratio Lower Upper

50 100

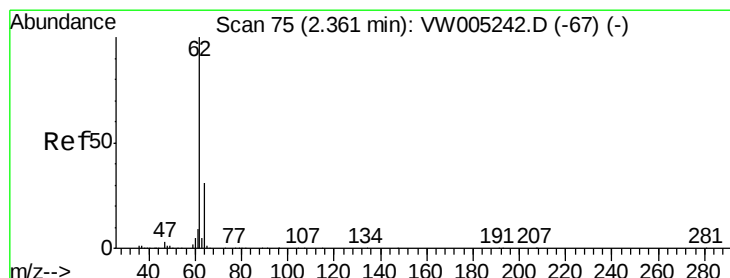
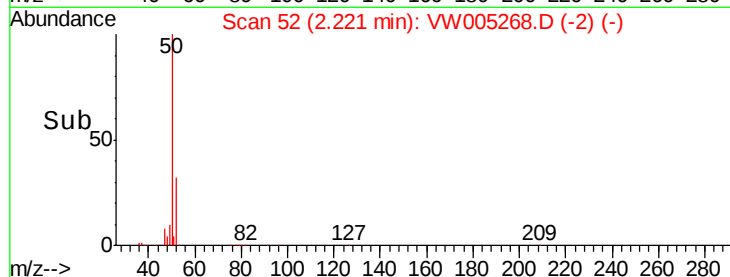
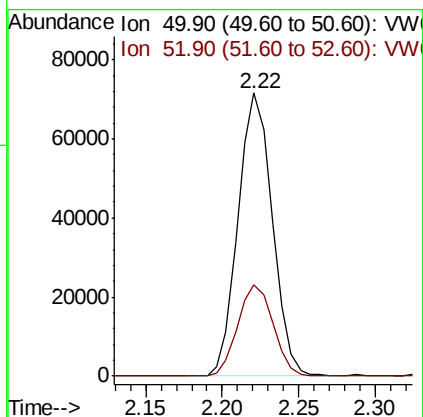
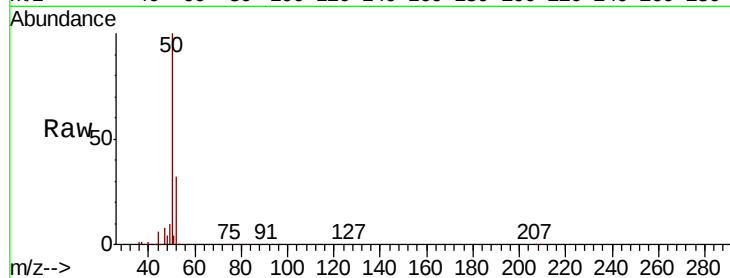
52 32.1 27.0 40.4

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#4

Vinyl Chloride

Concen: 21.53 ug/l

RT: 2.36 min Scan# 75

Delta R.T. -0.00 min

Lab File: VW005268.D

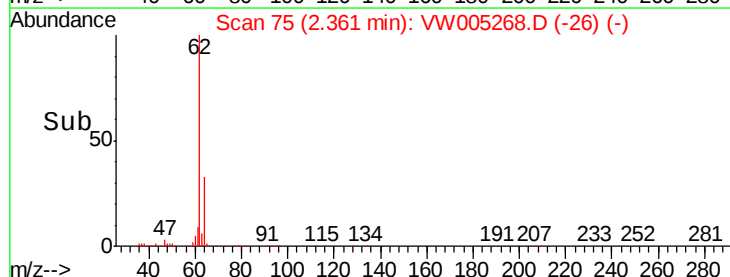
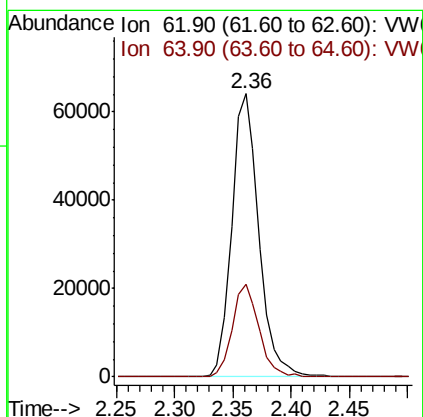
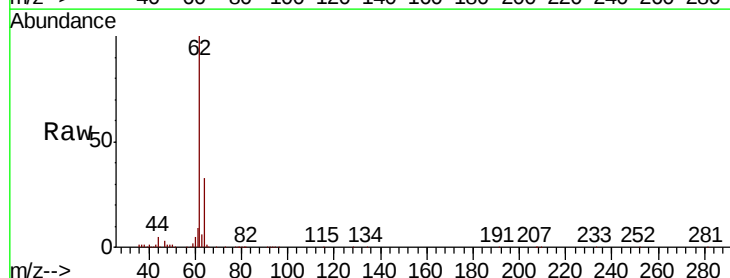
Acq: 11 Sep 2018 12:04

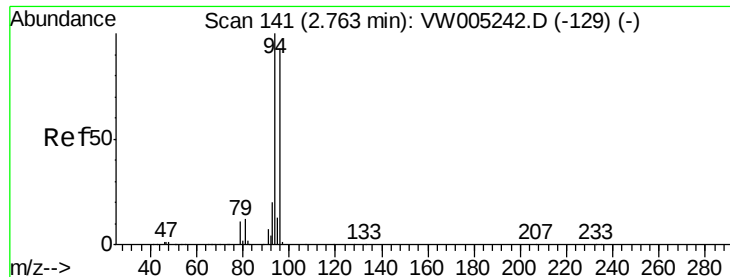
Tgt Ion: 62 Resp: 103735

Ion Ratio Lower Upper

62 100

64 32.6 24.6 37.0





#5

Bromomethane

Concen: 23.70 ug/l

RT: 2.75 min Scan# 139

Delta R.T. -0.01 min

Lab File: VW005268.D

Acq: 11 Sep 2018 12:04

Instrument :

MSVOA_W

ClientSampleId :

VW0911SBSD01

Tot Ion: 94 Resp: 73862

Ion Ratio Lower Upper

94 100

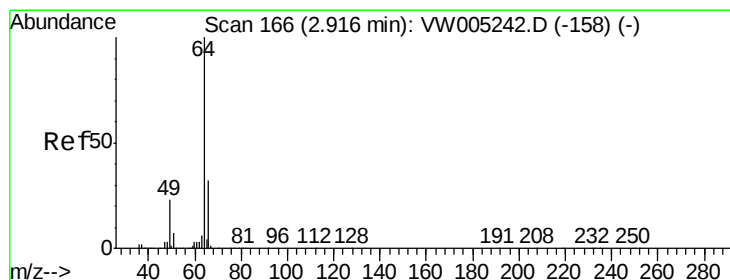
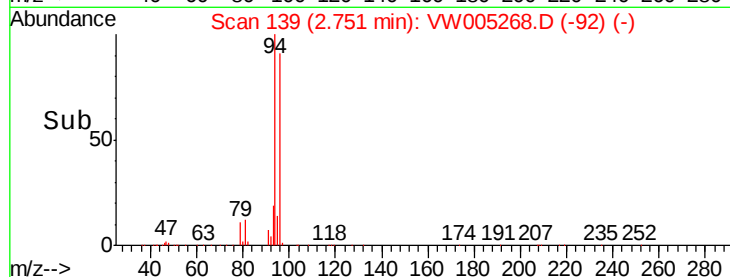
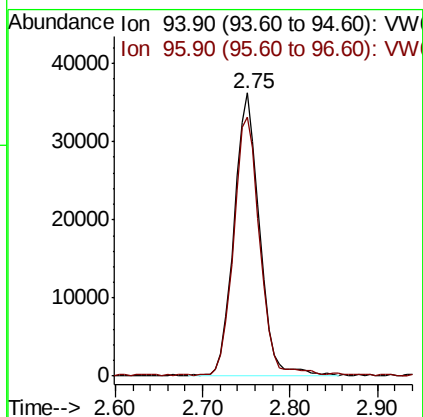
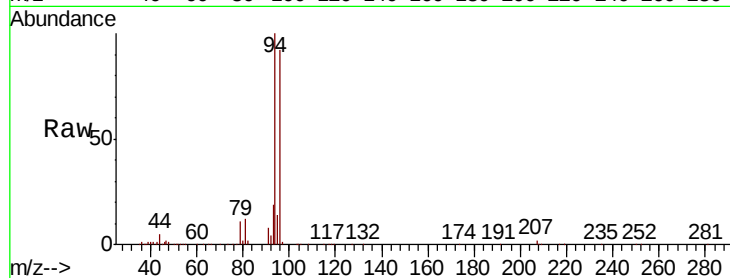
96 91.3 74.1 111.1

Manual Integrations

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#6

Chloroethane

Concen: 21.42 ug/l

RT: 2.91 min Scan# 165

Delta R.T. -0.01 min

Lab File: VW005268.D

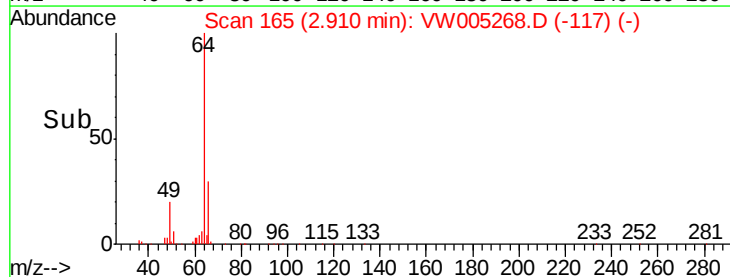
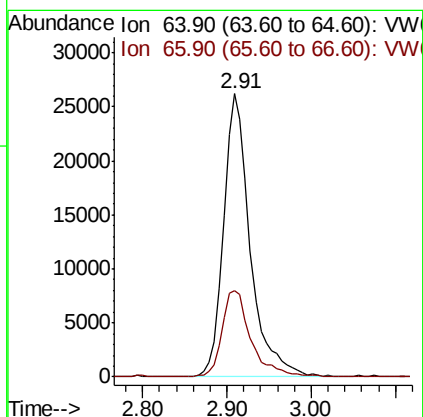
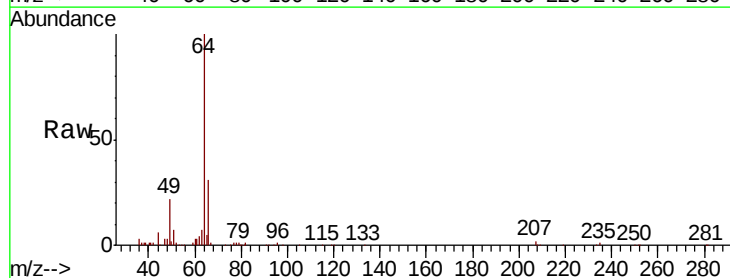
Acq: 11 Sep 2018 12:04

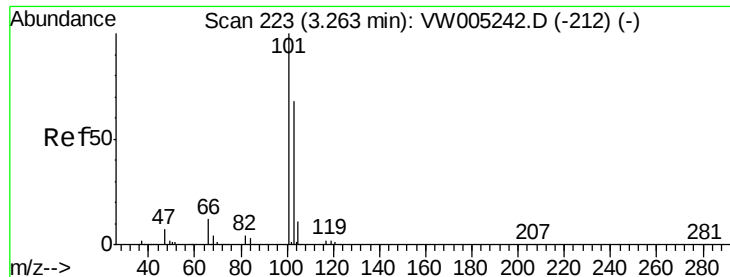
Tgt Ion: 64 Resp: 56850

Ion Ratio Lower Upper

64 100

66 30.7 25.3 37.9





#7

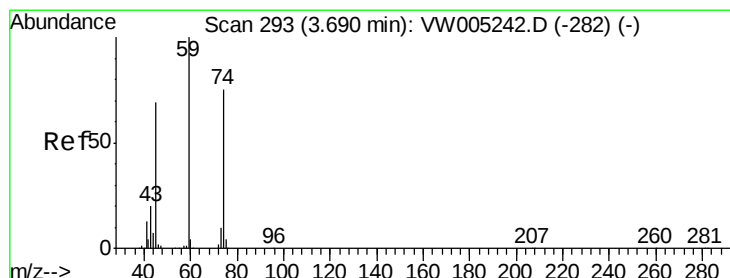
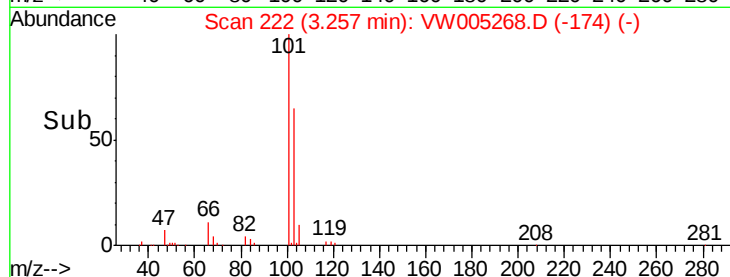
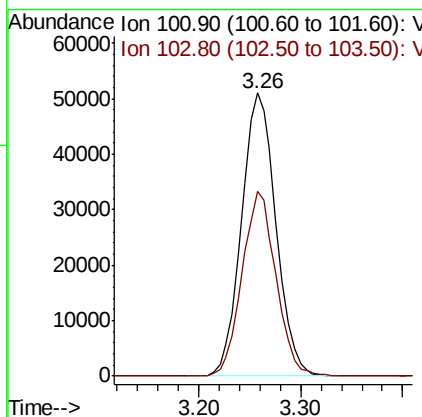
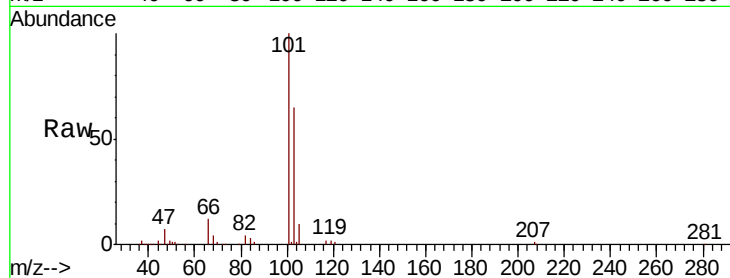
Trichlorofluoromethane
Concen: 21.93 ug/l
RT: 3.26 min Scan# 222
Delta R.T. -0.01 min
Lab File: VW005268.D
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VW0911SBSD01

Tot Ion	Ratio	Resp	Lower	Upper
101	100	119535		
103	65.1	54.1	81.1	

Manual Integrations
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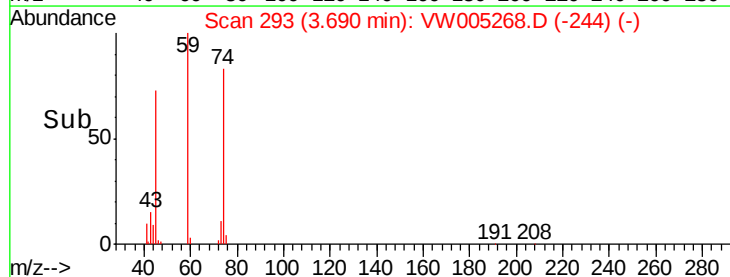
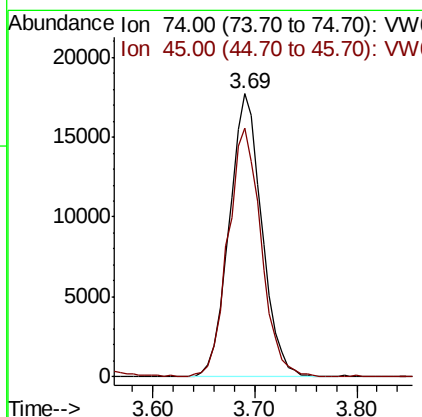
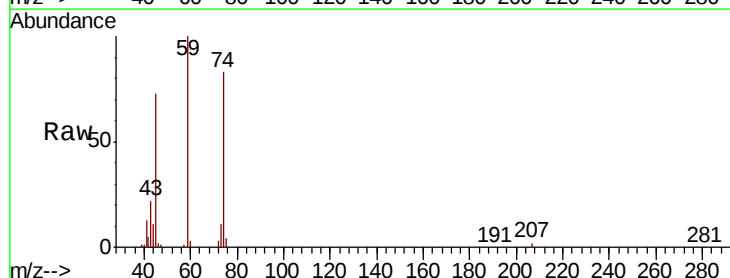
apatel
9/12/2018 10:29:17 AM

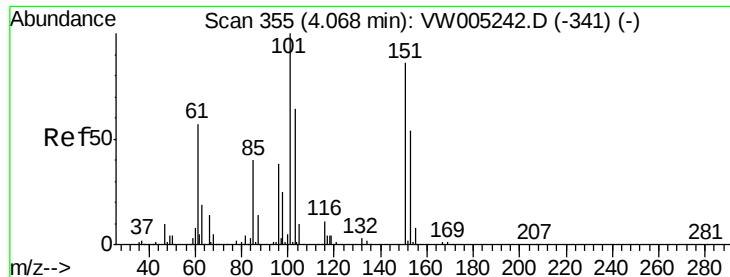


#8

Diethyl Ether
Concen: 20.09 ug/l
RT: 3.69 min Scan# 293
Delta R.T. -0.00 min
Lab File: VW005268.D
Acq: 11 Sep 2018 12:04

Tgt Ion	Ratio	Resp	Lower	Upper
74	100	39031		
45	89.7	45.1	135.3	





#9

1,1,2-Trichlorotrifluoroethane

Concen: 20.96 ug/l

RT: 4.06 min Scan# 354

Delta R.T. -0.01 min

Lab File: VW005268.D

Acq: 11 Sep 2018 12:04

Instrument :

MSVOA_W

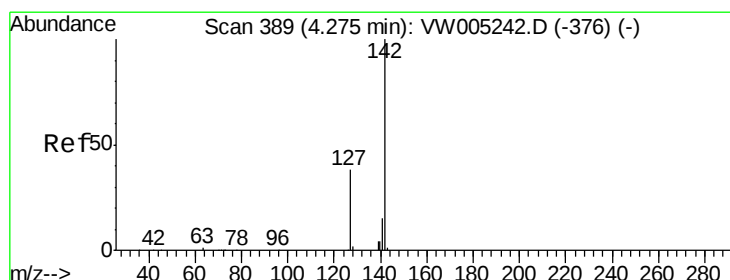
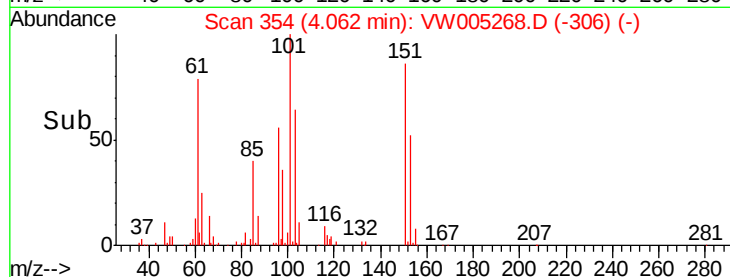
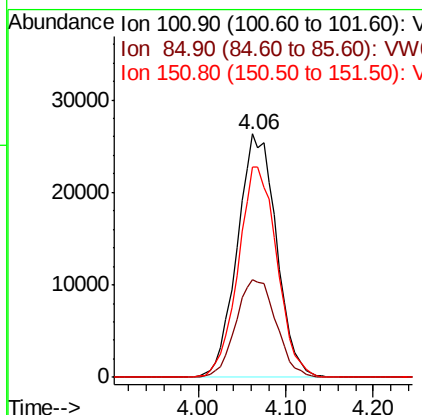
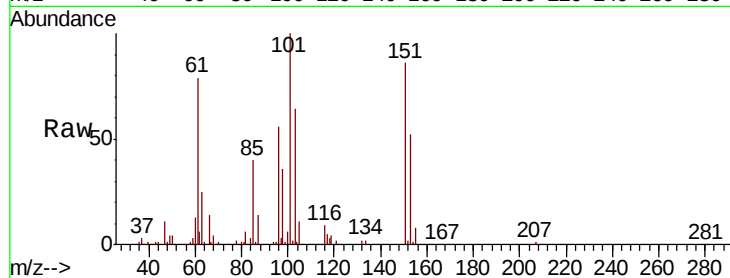
ClientSampleId :

VW0911SBSD01

Tot Ion:	101	Resp:	81626
Ion Ratio	Lower	Upper	
101	100		
85	41.4	32.7	49.1
151	85.9	67.6	101.4

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#10

Methyl Iodide

Concen: 18.06 ug/l

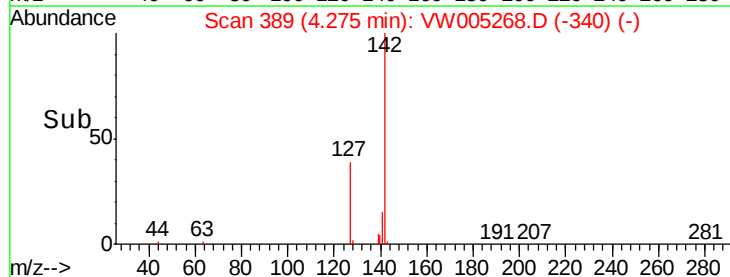
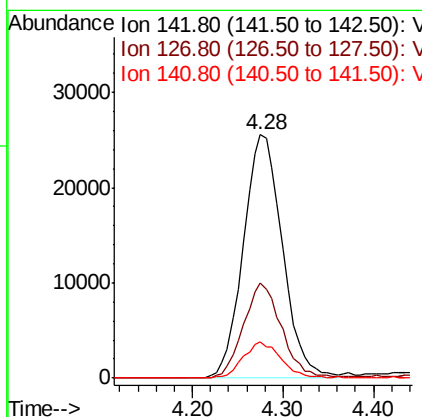
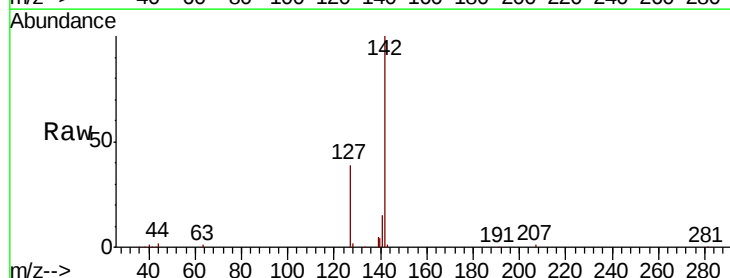
RT: 4.28 min Scan# 389

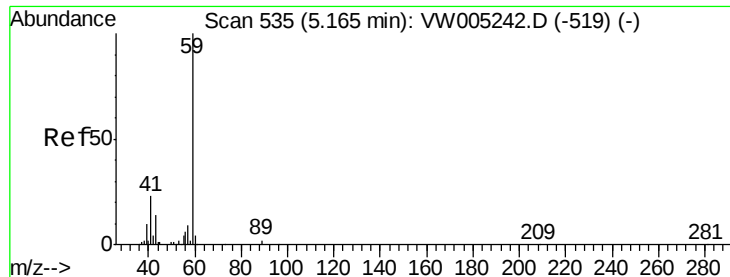
Delta R.T. 0.00 min

Lab File: VW005268.D

Acq: 11 Sep 2018 12:04

Tgt Ion:	142	Resp:	76369
Ion Ratio	Lower	Upper	
142	100		
127	38.0	30.3	45.5
141	14.5	11.4	17.0





#11

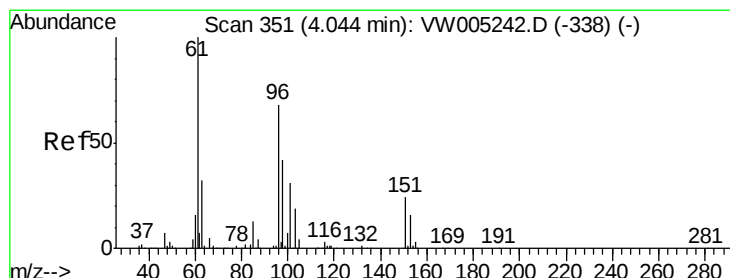
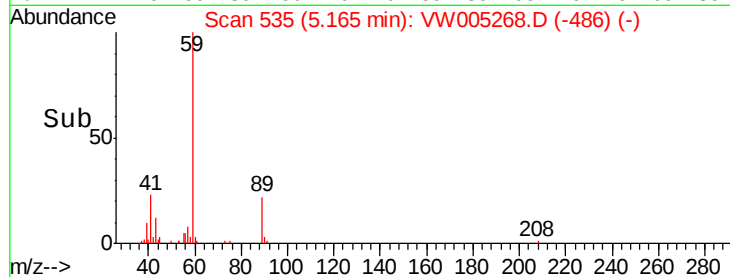
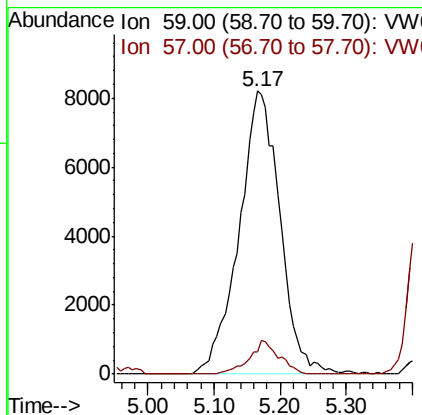
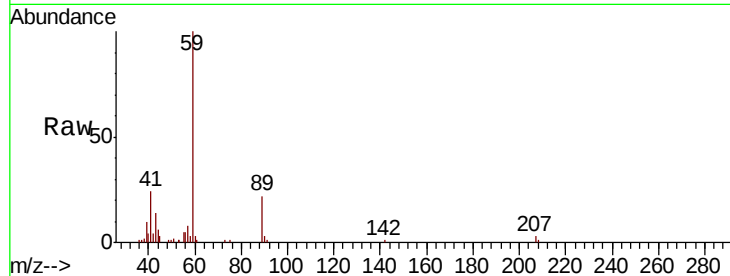
Tert butyl alcohol
 Concen: 126.50 ug/l
 RT: 5.17 min Scan# 535
 Delta R.T. -0.00 min
 Lab File: VW005268.D
 Acq: 11 Sep 2018 12:04

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0911SBSD01

Tot Ion	Ratio	Lower	Upper
59	100		
57	8.7	8.1	12.1

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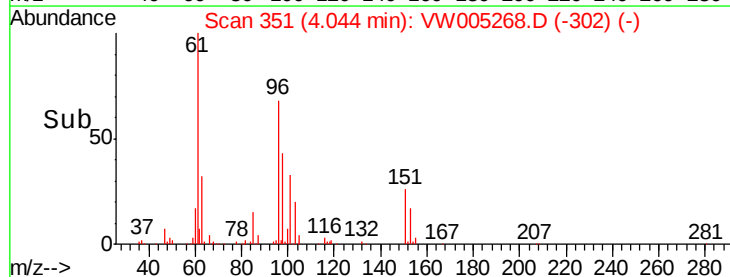
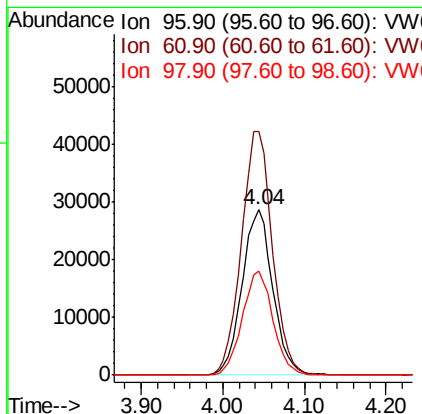
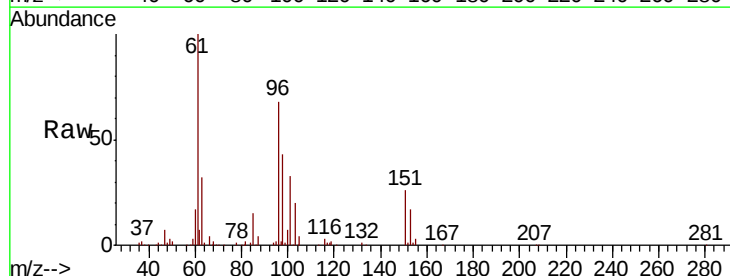
apatel
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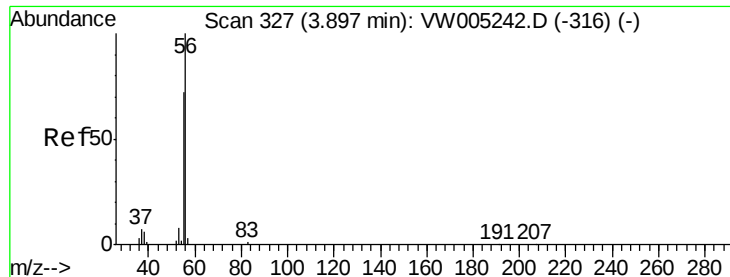


#12

1,1-Dichloroethene
 Concen: 20.93 ug/l
 RT: 4.04 min Scan# 351
 Delta R.T. -0.00 min
 Lab File: VW005268.D
 Acq: 11 Sep 2018 12:04

Tgt Ion	Ratio	Lower	Upper
96	100		
61	147.1	118.2	177.2
98	63.0	49.9	74.9





#13

Acrolein

Concen: 102.15 ug/l

RT: 3.90 min Scan# 328

Delta R.T. 0.01 min

Lab File: VW005268.D

Acq: 11 Sep 2018 12:04

Instrument :

MSVOA_W

ClientSampleID :

VW0911SBSD01

Tot Ion: 56 Resp: 27471

Ion Ratio Lower Upper

56 100

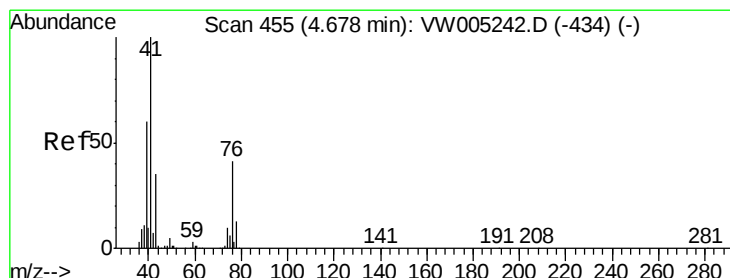
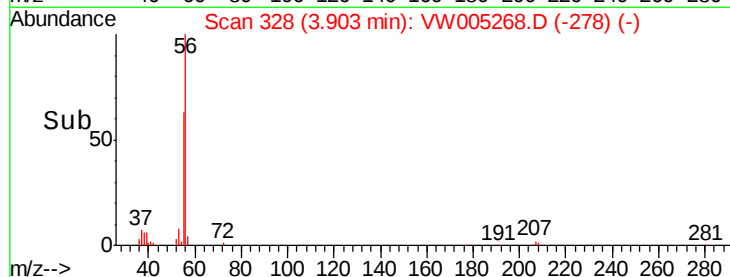
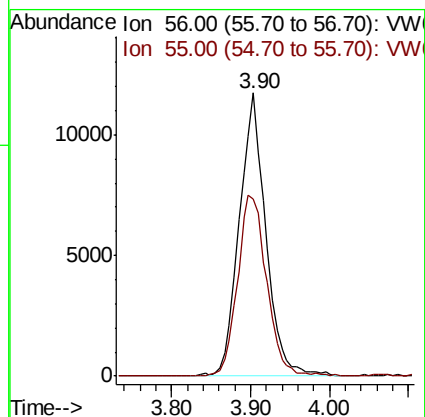
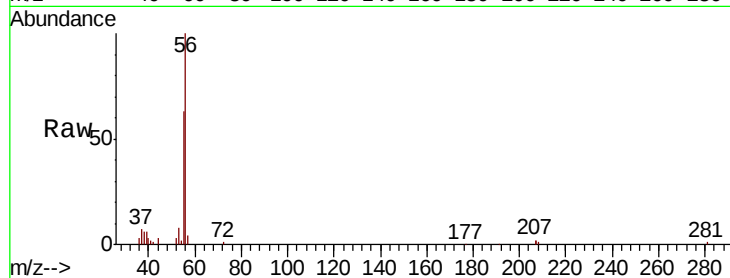
55 69.5 56.8 85.2

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#14

Allyl chloride

Concen: 19.61 ug/l

RT: 4.68 min Scan# 455

Delta R.T. -0.00 min

Lab File: VW005268.D

Acq: 11 Sep 2018 12:04

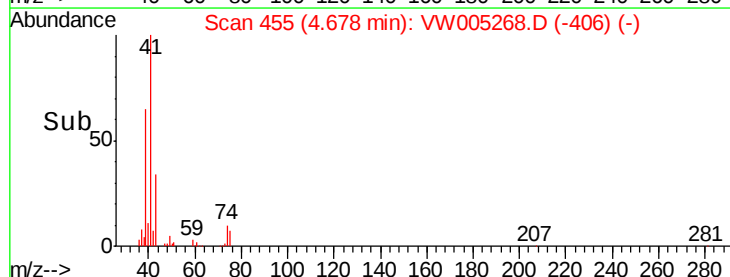
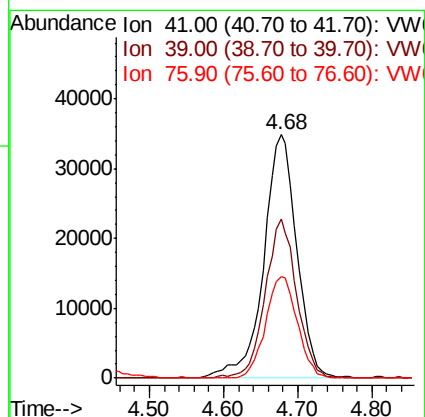
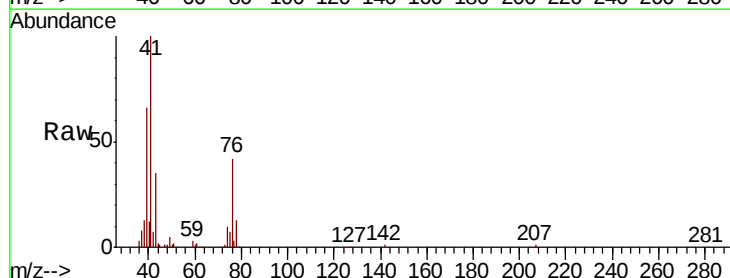
Tgt Ion: 41 Resp: 108054

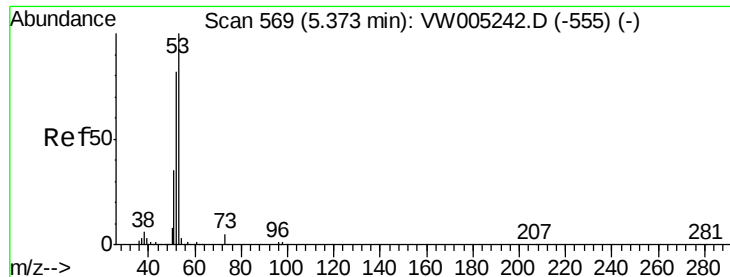
Ion Ratio Lower Upper

41 100

39 62.2 48.2 72.4

76 39.9 31.7 47.5





#15

Acrylonitrile

Concen: 100.74 ug/l

RT: 5.38 min Scan# 570

Delta R.T. 0.01 min

Lab File: VW005268.D

Acq: 11 Sep 2018 12:04

Instrument :

MSVOA_W

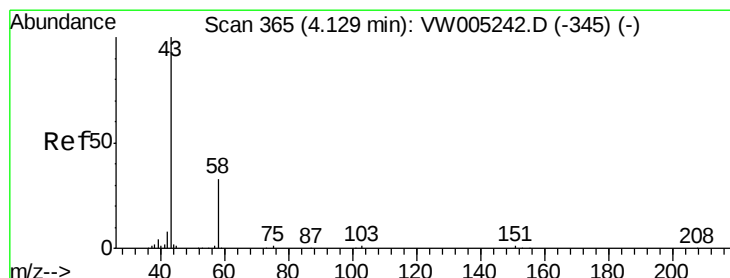
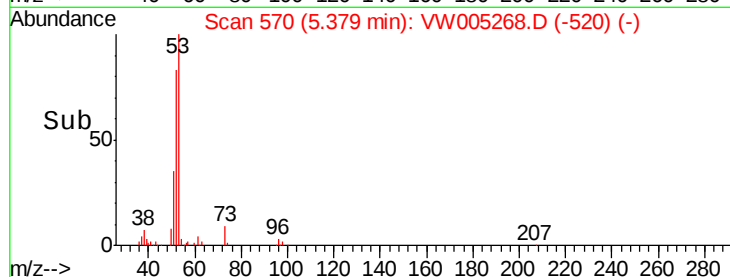
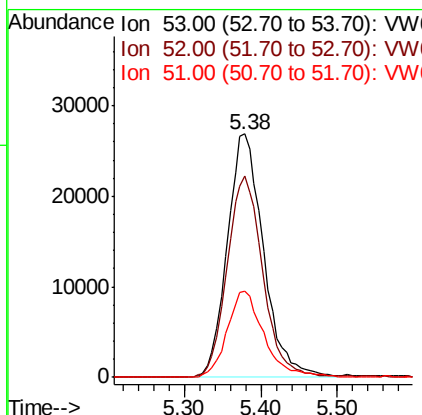
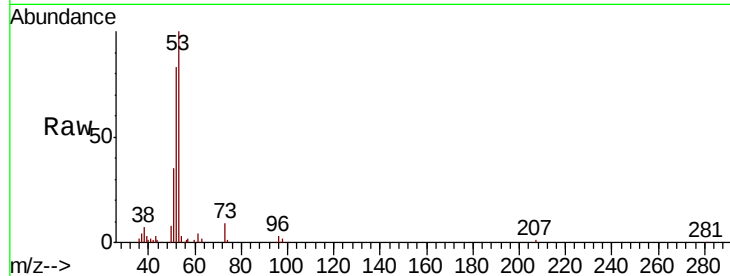
ClientSampleId :

VW0911SBSD01

Tot Ion:	53	Resp:	88308
Ion Ratio	Lower	Upper	
53	100		
52	81.3	66.0	99.0
51	36.2	28.6	43.0

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#16

Acetone

Concen: 104.51 ug/l

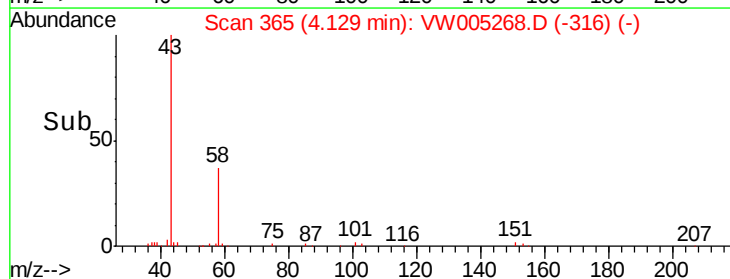
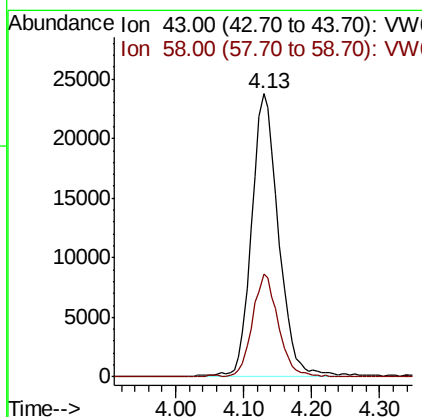
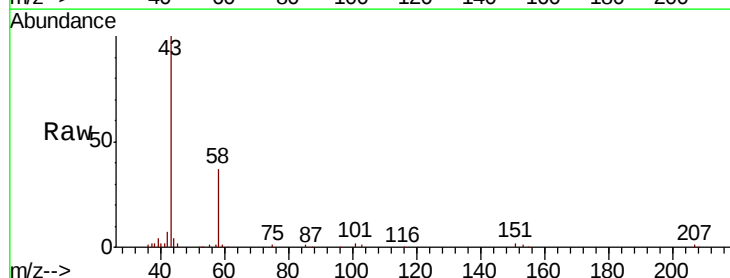
RT: 4.13 min Scan# 365

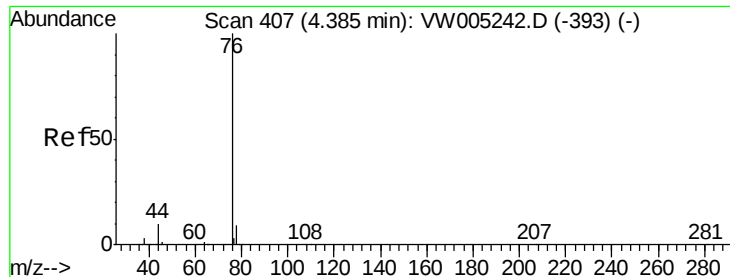
Delta R.T. -0.00 min

Lab File: VW005268.D

Acq: 11 Sep 2018 12:04

Tgt Ion:	43	Resp:	65861
Ion Ratio	Lower	Upper	
43	100		
58	36.5	26.7	40.1





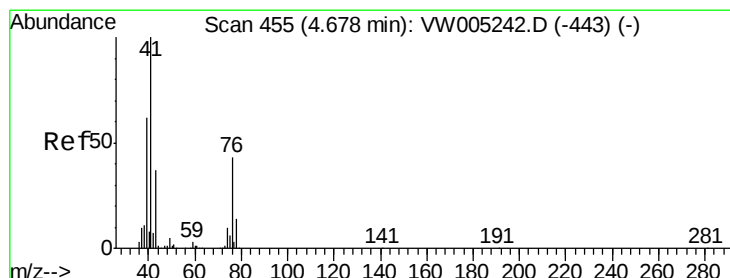
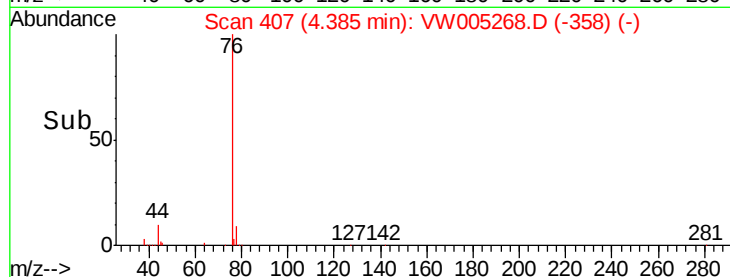
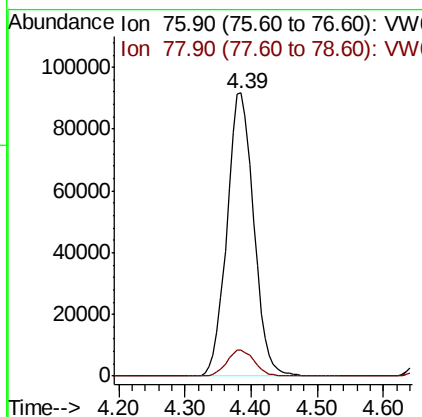
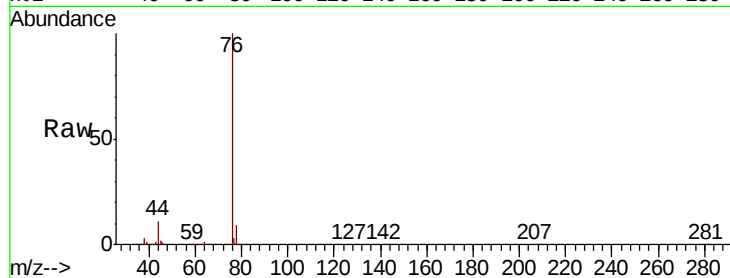
#17
Carbon Disulfide
Concen: 20.47 ug/l
RT: 4.39 min Scan# 407
Delta R.T. -0.00 min
Lab File: VW005268.D
Acq: 11 Sep 2018 12:04

Instrument :
MSVOA_W
ClientSampleId :
VW0911SBSD01

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.4	7.5	11.3

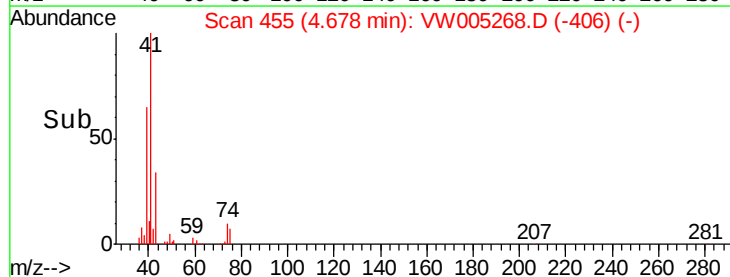
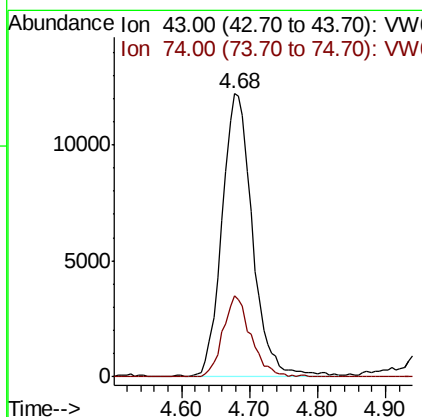
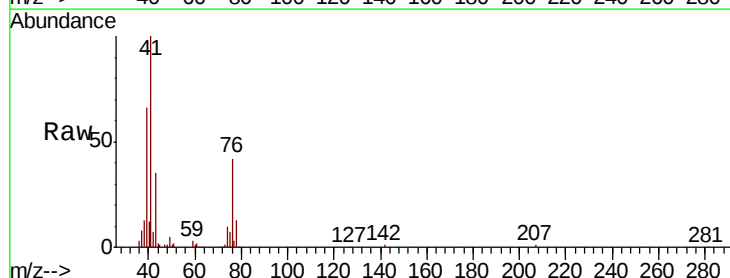
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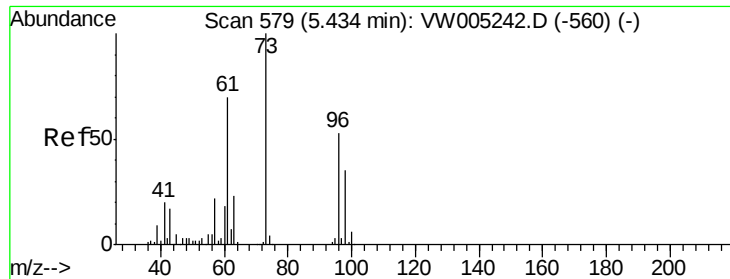
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#18
Methyl Acetate
Concen: 20.27 ug/l
RT: 4.68 min Scan# 455
Delta R.T. -0.00 min
Lab File: VW005268.D
Acq: 11 Sep 2018 12:04

Tgt Ion	Ratio	Lower	Upper
43	100		
74	26.0	21.4	32.2





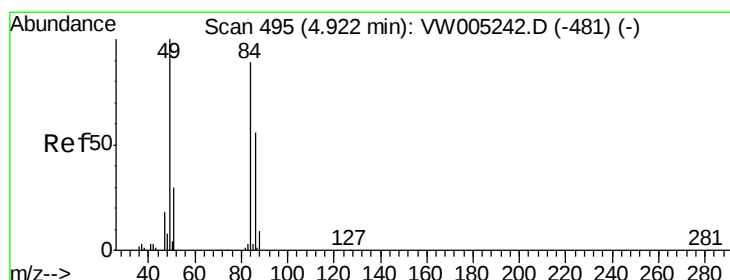
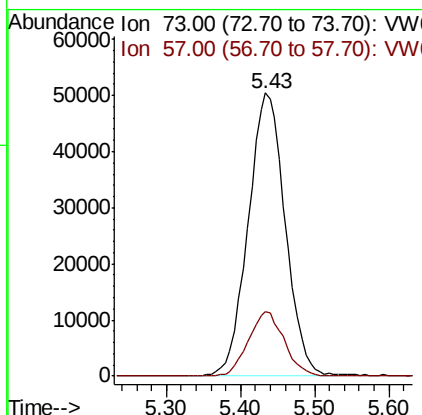
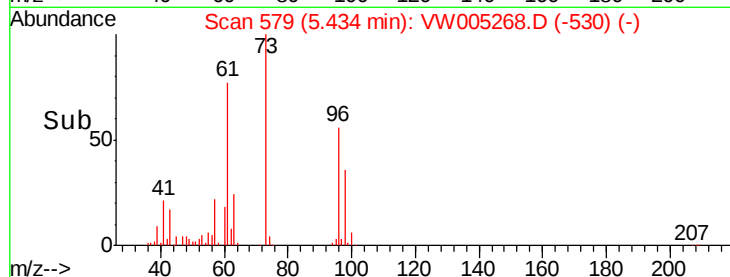
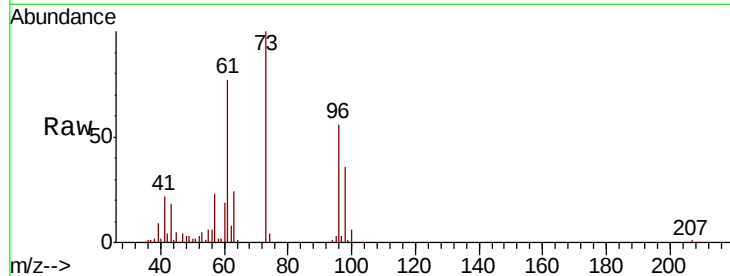
#19
Methyl tert-butyl Ether
Concen: 20.57 ug/l
RT: 5.43 min Scan# 579
Delta R.T. -0.00 min
Lab File: VW005268.D
Acq: 11 Sep 2018 12:04

Instrument :
MSVOA_W
ClientSampleId :
VW0911SBSD01

Tot Ion: 73 Resp: 175693
Ion Ratio Lower Upper
73 100
57 22.8 17.4 26.2

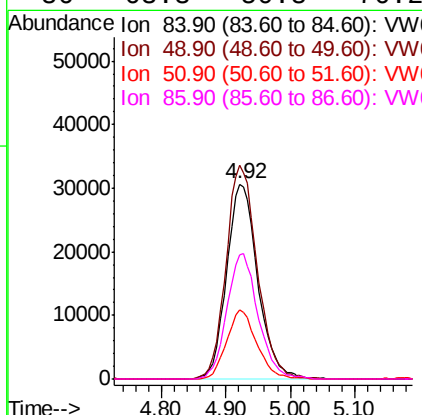
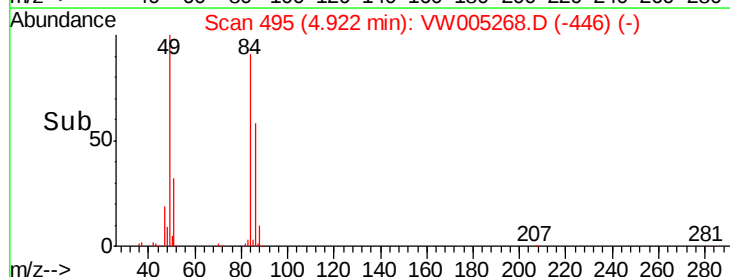
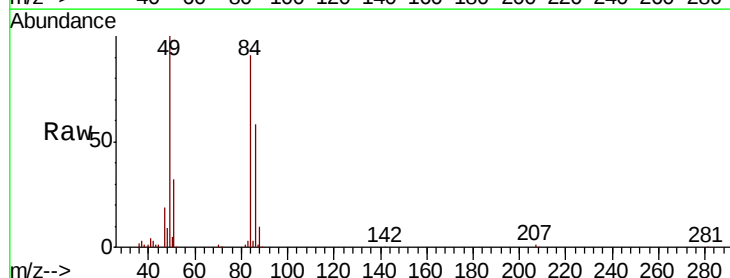
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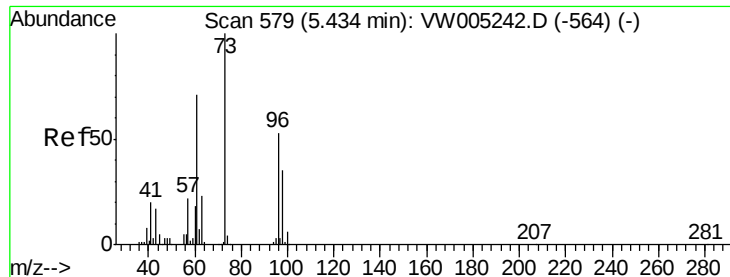
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#20
Methylene Chloride
Concen: 20.19 ug/l
RT: 4.92 min Scan# 495
Delta R.T. 0.00 min
Lab File: VW005268.D
Acq: 11 Sep 2018 12:04

Tgt Ion: 84 Resp: 103762
Ion Ratio Lower Upper
84 100
49 109.4 90.3 135.5
51 35.1 26.9 40.3
86 63.3 50.8 76.2





#21

trans-1,2-Dichloroethene

Concen: 20.75 ug/l

RT: 5.43 min Scan# 579

Delta R.T. -0.00 min

Lab File: VW005268.D

Acq: 11 Sep 2018 12:04

Instrument :

MSVOA_W

ClientSampleId :

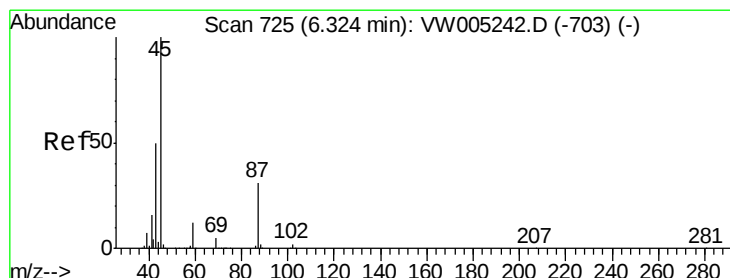
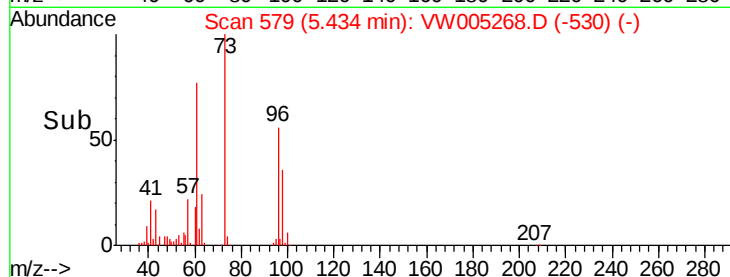
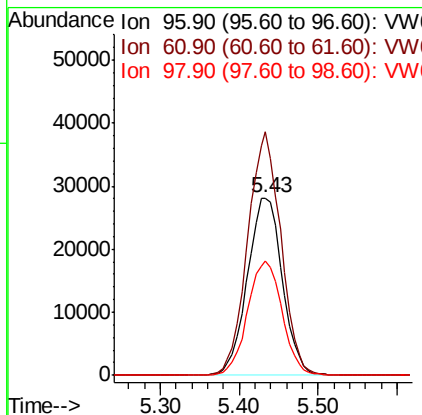
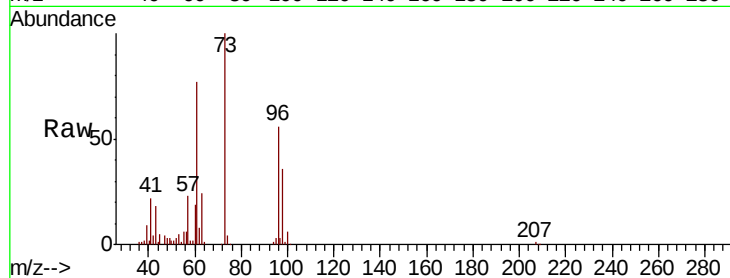
VW0911SBSD01

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Tot Ion	Ratio	Lower	Upper
96	100		
61	137.2	105.7	158.5
98	64.1	52.8	79.2



#22

Diisopropyl ether

Concen: 20.69 ug/l

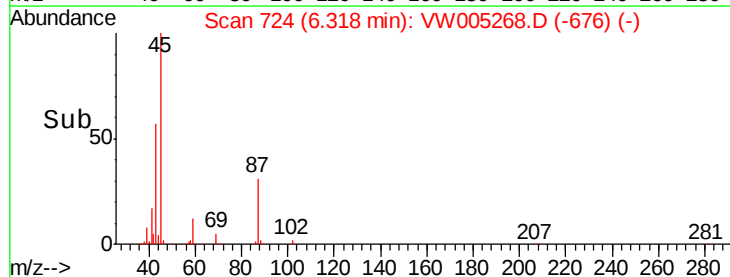
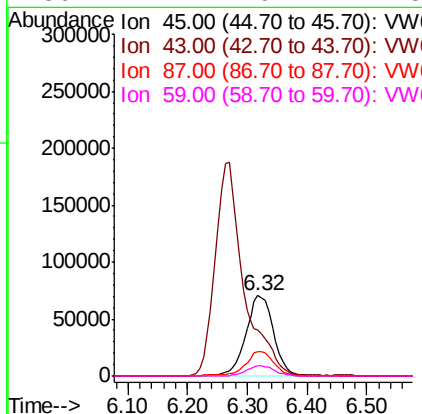
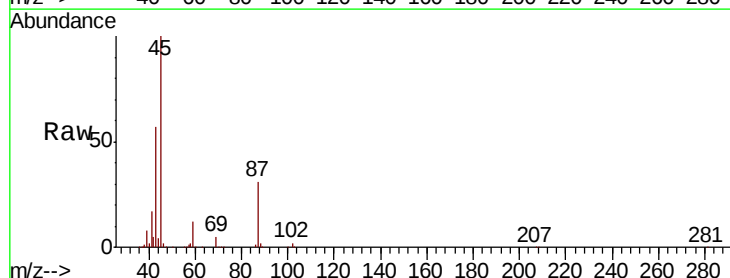
RT: 6.32 min Scan# 724

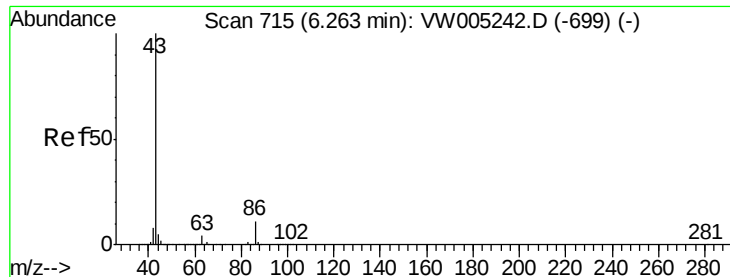
Delta R.T. -0.01 min

Lab File: VW005268.D

Acq: 11 Sep 2018 12:04

Tgt Ion	Ratio	Lower	Upper
45	100		
43	56.5	39.6	59.4
87	30.6	24.7	37.1
59	12.1	9.7	14.5





#23

Vinyl Acetate

Concen: 101.37 ug/l

RT: 6.27 min Scan# 716

Delta R.T. 0.01 min

Lab File: VW005268.D

Acq: 11 Sep 2018 12:04

Instrument :

MSVOA_W

ClientSampleID :

VW0911SBSD01

Tot Ion: 43 Resp: 626593

Ion Ratio Lower Upper

43 100

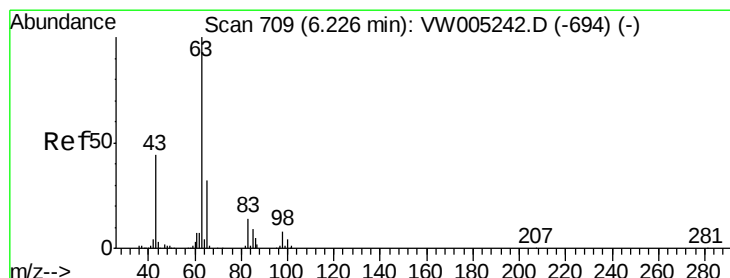
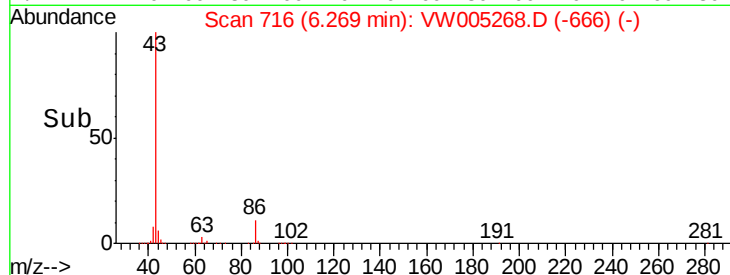
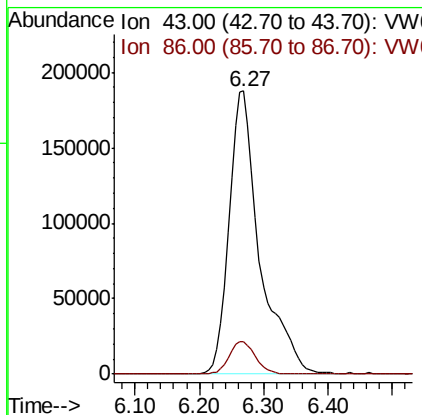
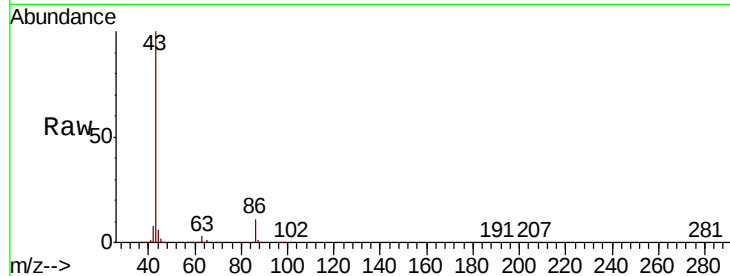
86 11.3 8.9 13.3

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#24

1,1-Dichloroethane

Concen: 20.55 ug/l

RT: 6.22 min Scan# 708

Delta R.T. -0.01 min

Lab File: VW005268.D

Acq: 11 Sep 2018 12:04

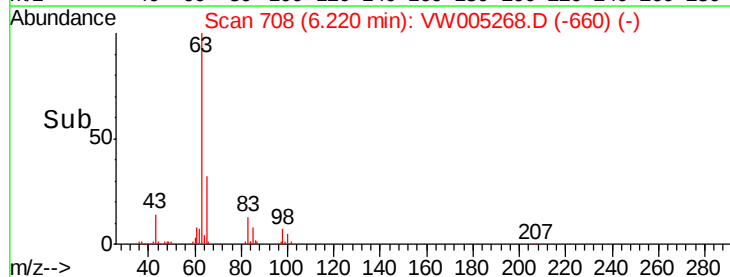
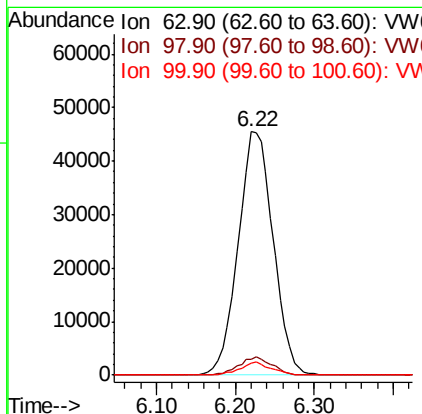
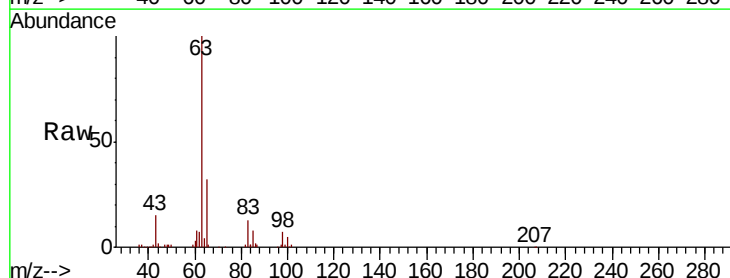
Tgt Ion: 63 Resp: 140270

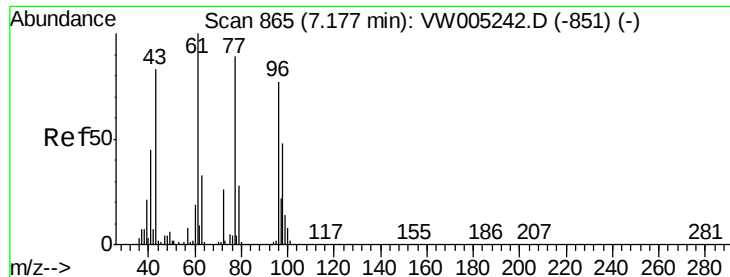
Ion Ratio Lower Upper

63 100

98 6.7 3.8 11.4

100 4.8 2.2 6.6





#25

2-Butanone

Concen: 108.00 ug/l

RT: 7.18 min Scan# 866

Delta R.T. 0.01 min

Lab File: VW005268.D

Acq: 11 Sep 2018 12:04

Instrument :

MSVOA_W

ClientSampleId :

VW0911SBS01

Tot Ion: 43 Resp: 107356

Ion Ratio Lower Upper

43 100

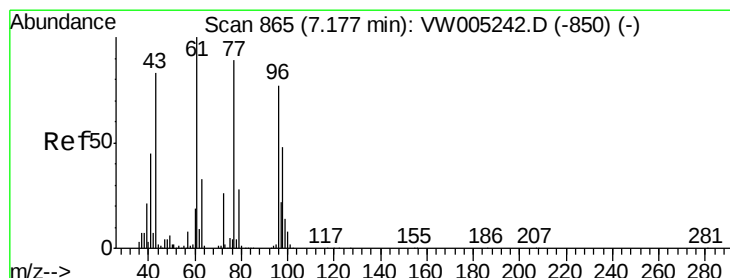
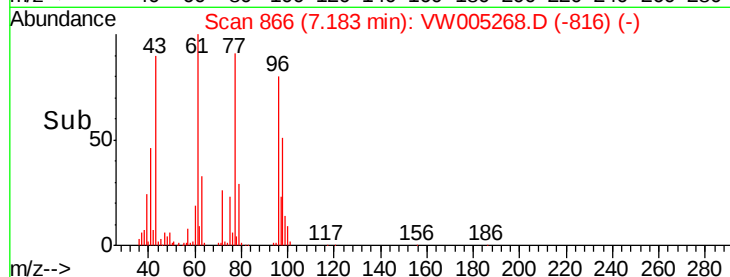
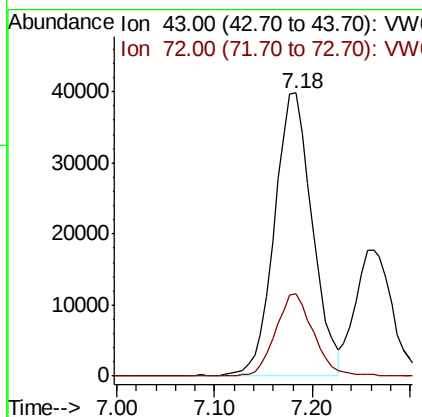
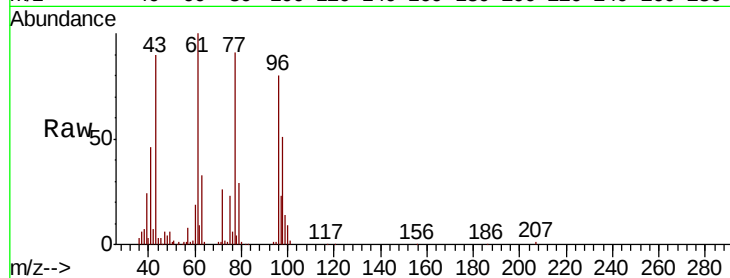
72 29.4 25.0 37.6

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#26

2,2-Dichloropropane

Concen: 22.06 ug/l

RT: 7.18 min Scan# 865

Delta R.T. -0.00 min

Lab File: VW005268.D

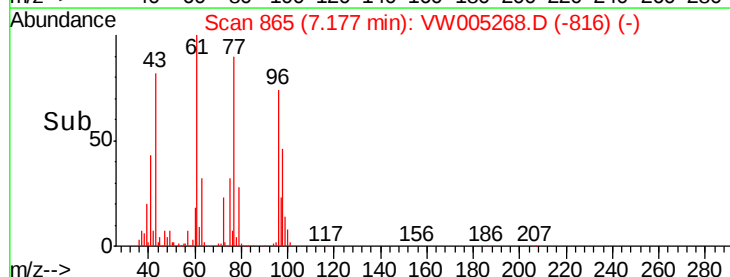
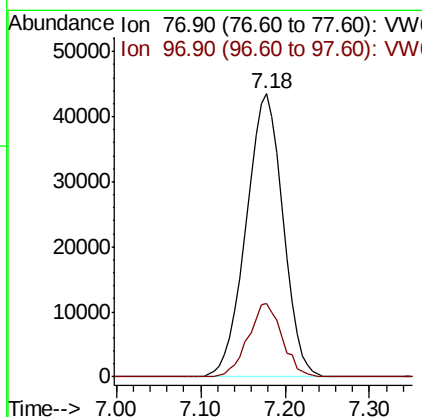
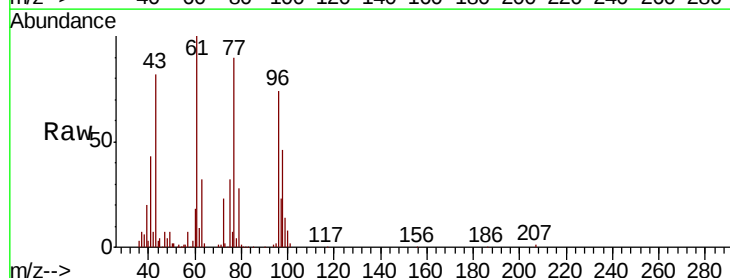
Acq: 11 Sep 2018 12:04

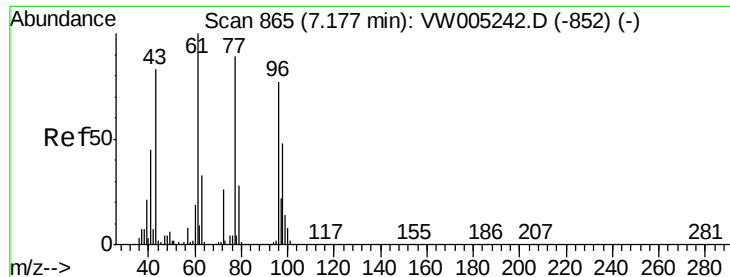
Tgt Ion: 77 Resp: 130574

Ion Ratio Lower Upper

77 100

97 23.8 12.2 36.6





#27

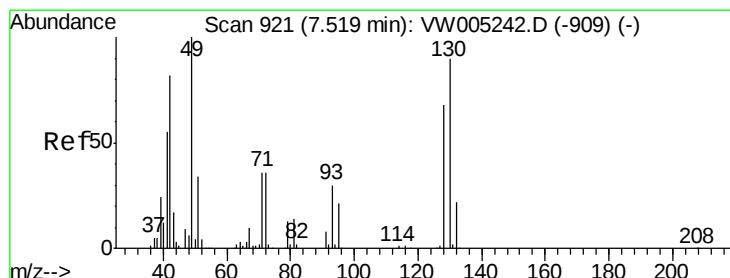
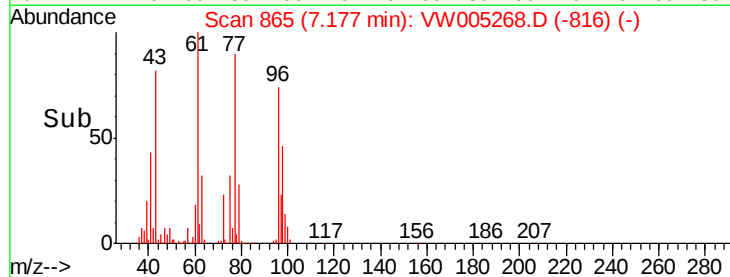
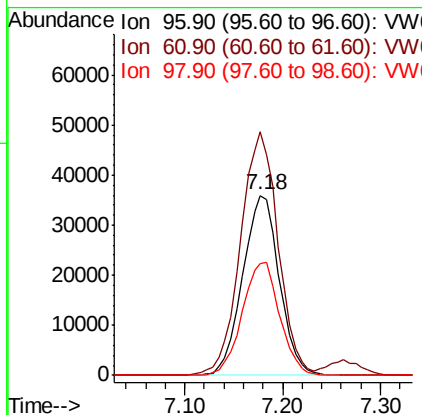
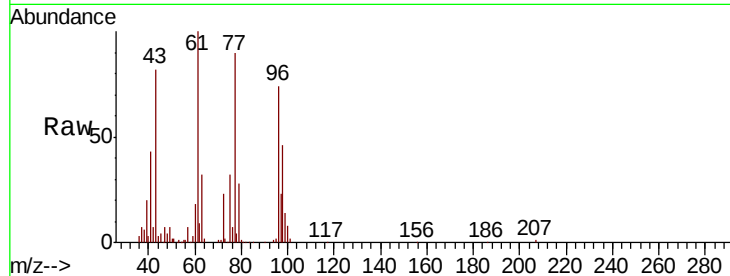
cis-1,2-Dichloroethene
Concen: 20.91 ug/l
RT: 7.18 min Scan# 865
Delta R.T. -0.00 min
Lab File: VW005268.D
Acq: 11 Sep 2018 12:04

Instrument :
MSVOA_W
ClientSampleId :
VW0911SBSD01

Tot Ion	Ratio	Lower	Upper
96	100		
61	138.8	0.0	273.4
98	63.8	0.0	127.8

Manual Integrations
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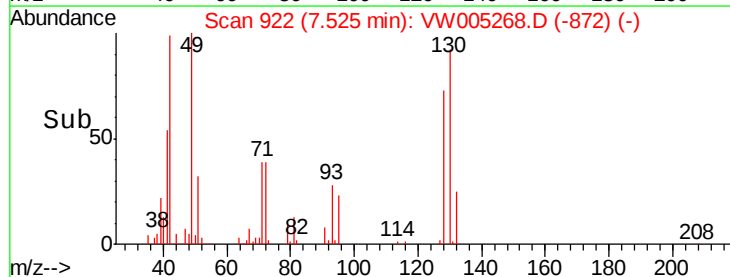
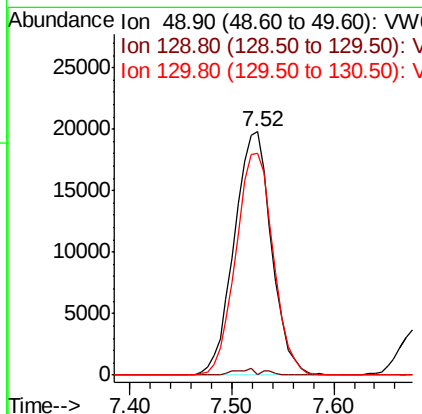
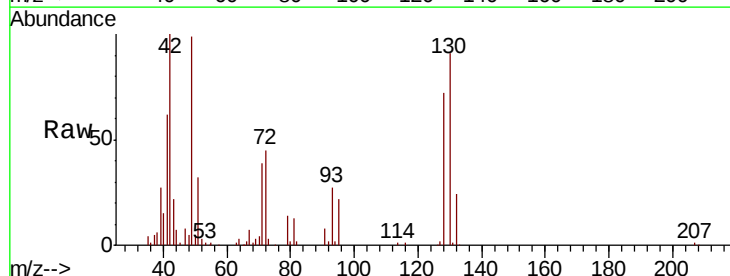
apatel
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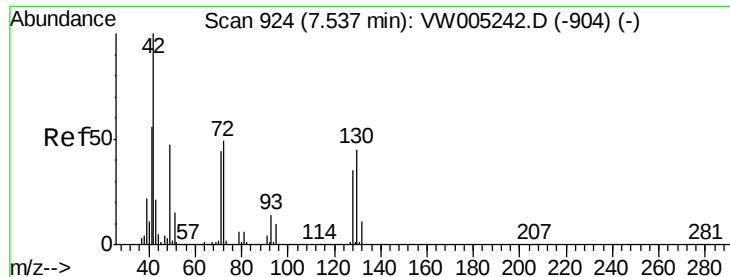


#28

Bromochloromethane
Concen: 19.90 ug/l
RT: 7.52 min Scan# 922
Delta R.T. 0.01 min
Lab File: VW005268.D
Acq: 11 Sep 2018 12:04

Tgt Ion	Ratio	Lower	Upper
49	100		
129	1.3	0.0	2.0
130	91.4	71.2	106.8





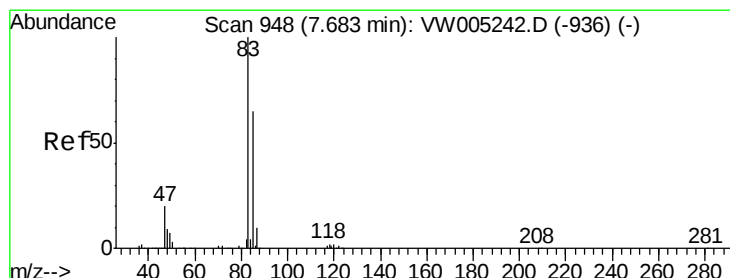
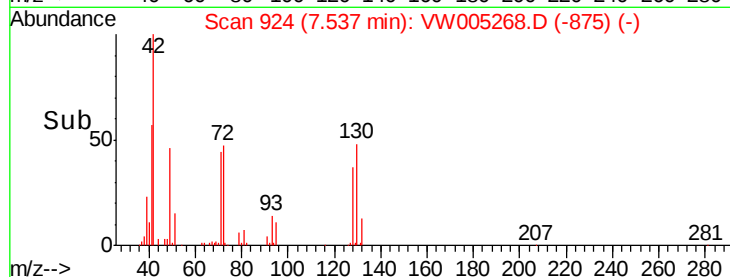
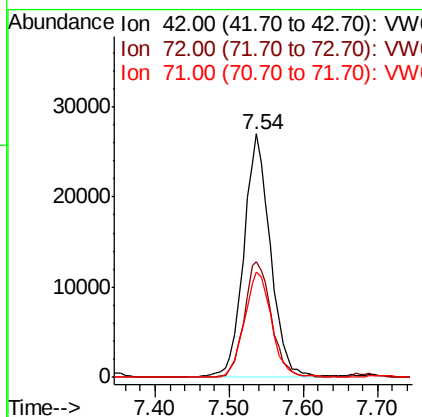
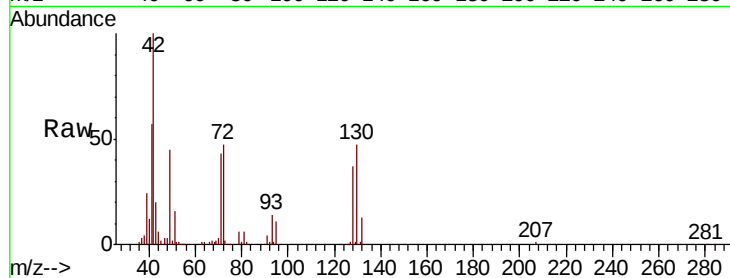
#29
Tetrahydrofuran
Concen: 101.23 ug/l
RT: 7.54 min Scan# 924
Delta R.T. -0.00 min
Lab File: VW005268.D
Acq: 11 Sep 2018 12:04

Instrument :
MSVOA_W
ClientSampleId :
VW0911SBSD01

Tot Ion	Ratio	Lower	Upper
42	100		
72	48.1	37.5	56.3
71	43.8	34.8	52.2

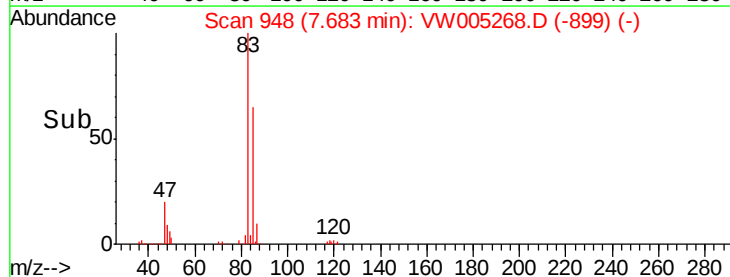
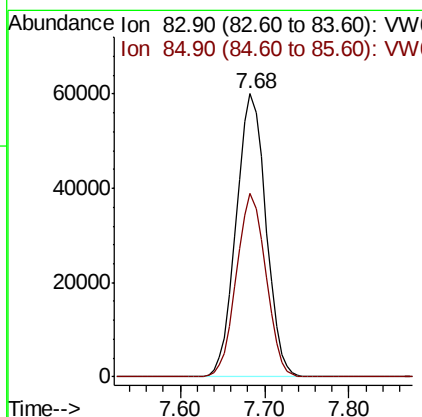
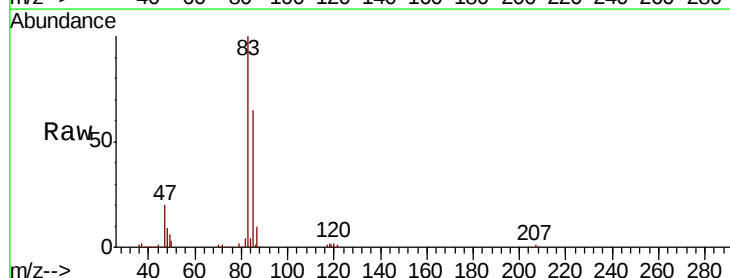
Manual Integrations
APPROVED

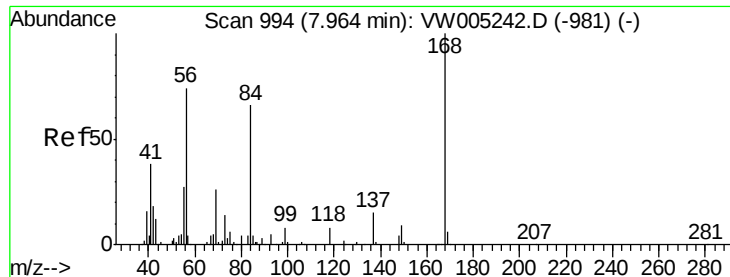
apatel
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#30
Chloroform
Concen: 20.89 ug/l
RT: 7.68 min Scan# 948
Delta R.T. -0.00 min
Lab File: VW005268.D
Acq: 11 Sep 2018 12:04

Tgt Ion	Ratio	Lower	Upper
83	100		
85	64.9	51.7	77.5





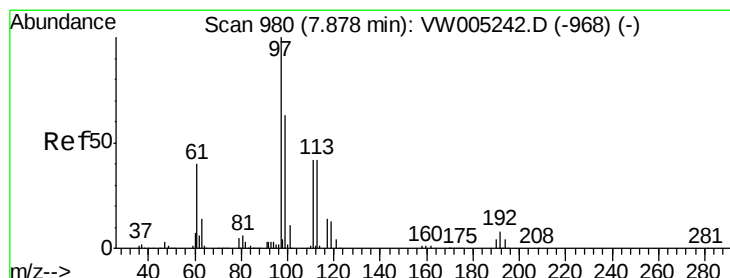
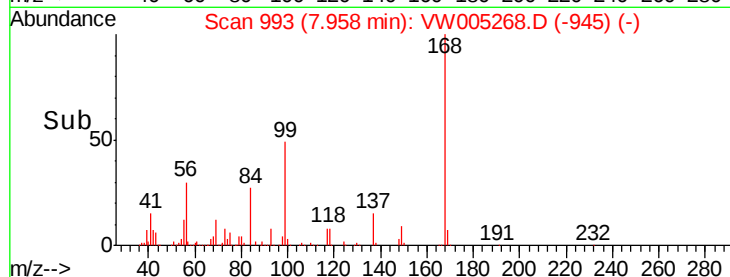
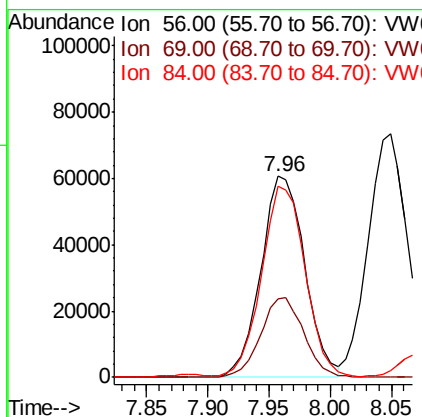
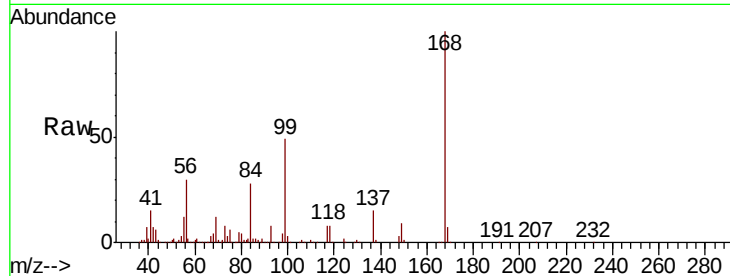
#31
Cyclohexane
Concen: 20.88 ug/l
RT: 7.96 min Scan# 993
Delta R.T. -0.01 min
Lab File: VW005268.D
Acq: 11 Sep 2018 12:04

Instrument :
MSVOA_W
ClientSampleId :
VW0911SBSD01

Tot Ion	Ratio	Lower	Upper
56	100		
69	39.1	27.8	41.8
84	93.8	72.1	108.1

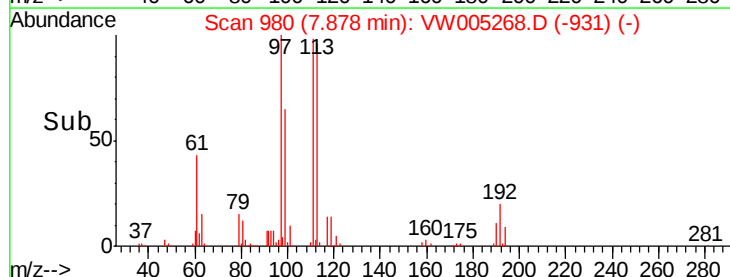
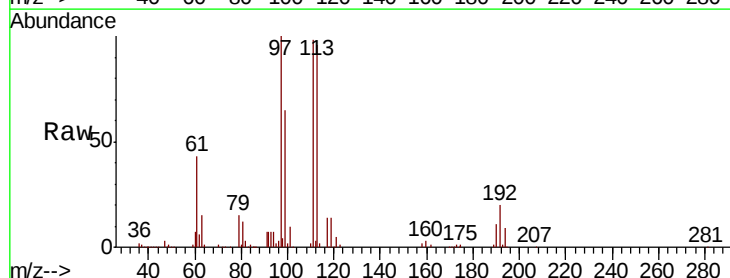
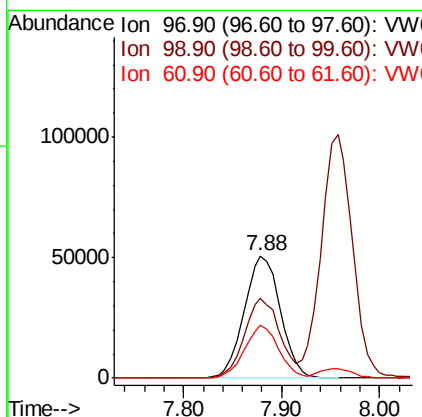
Manual Integrations
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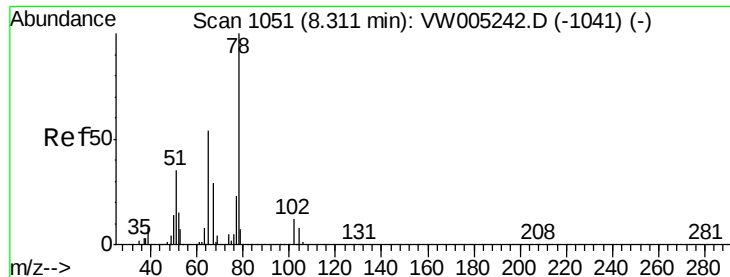
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#32
1,1,1-Trichloroethane
Concen: 20.96 ug/l
RT: 7.88 min Scan# 980
Delta R.T. -0.00 min
Lab File: VW005268.D
Acq: 11 Sep 2018 12:04

Tgt Ion	Ratio	Lower	Upper
97	100		
99	63.7	51.5	77.3
61	40.9	32.5	48.7





#33

1,2-Dichloroethane-d4

Concen: 49.99 ug/l

RT: 8.32 min Scan# 1052

Delta R.T. 0.01 min

Lab File: VW005268.D

Acq: 11 Sep 2018 12:04

Instrument :

MSVOA_W

ClientSampleId :

VW0911SBSD01

Tot Ion: 65 Resp: 169723

Ion Ratio Lower Upper

65 100

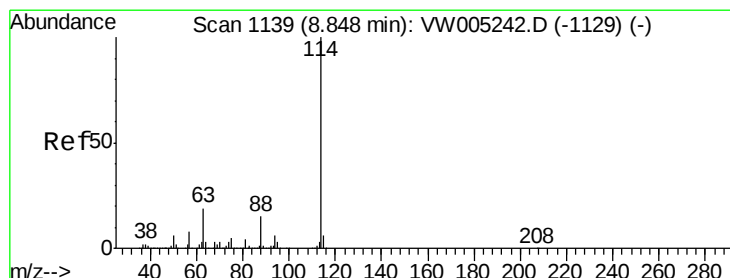
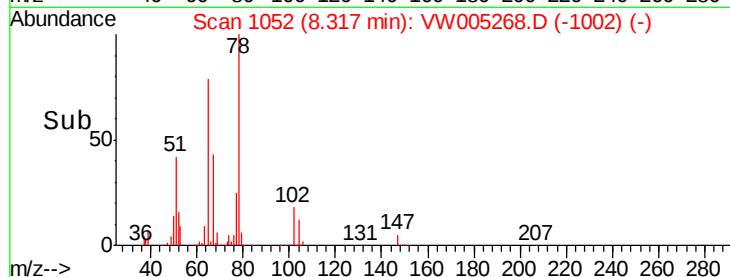
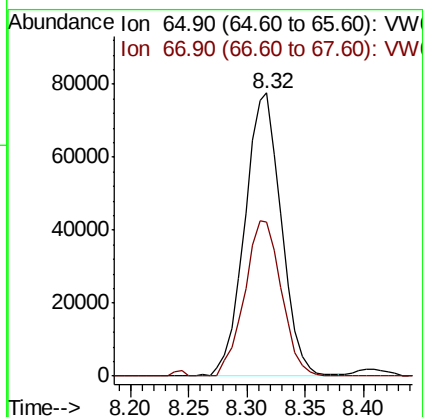
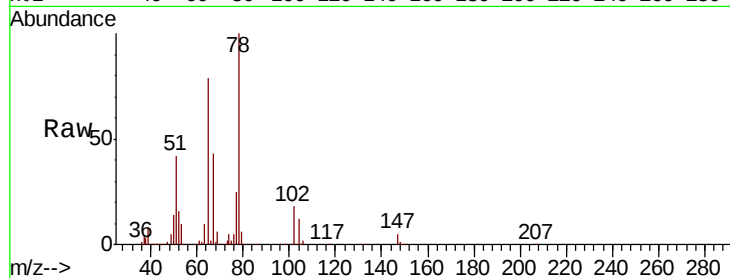
67 55.3 0.0 112.2

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#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 8.85 min Scan# 1140

Delta R.T. 0.01 min

Lab File: VW005268.D

Acq: 11 Sep 2018 12:04

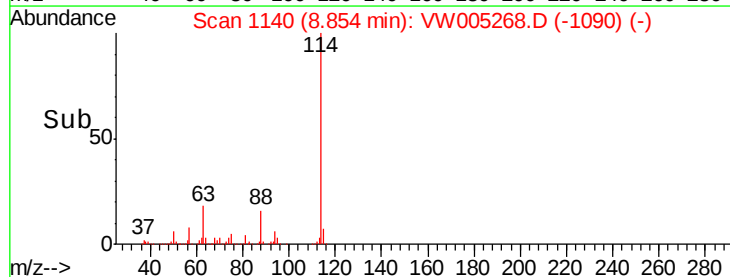
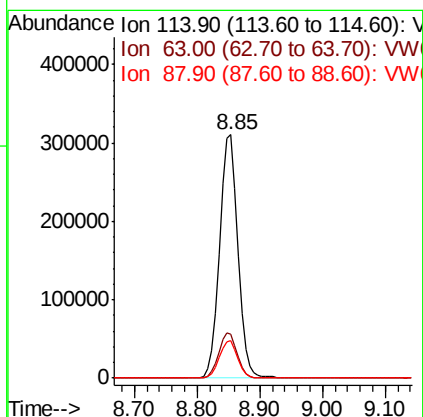
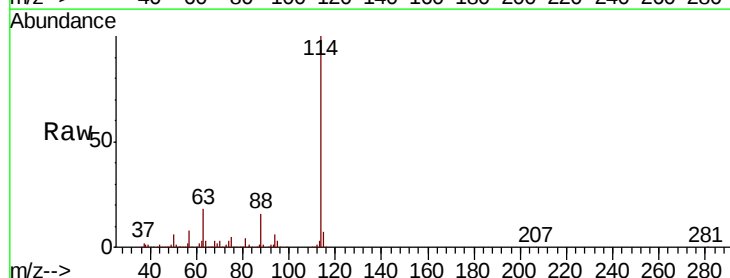
Tgt Ion: 114 Resp: 625558

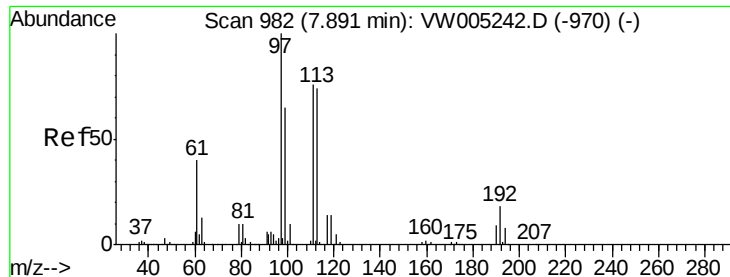
Ion Ratio Lower Upper

114 100

63 17.8 0.0 37.0

88 15.6 0.0 30.4





#35

Dibromofluoromethane

Concen: 52.24 ug/l

RT: 7.89 min Scan# 982

Delta R.T. -0.00 min

Lab File: VW005268.D

Acq: 11 Sep 2018 12:04

Instrument :

MSVOA_W

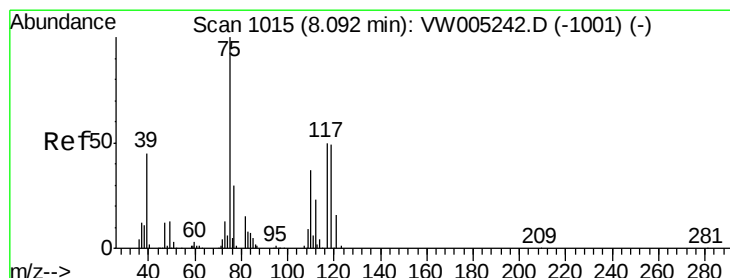
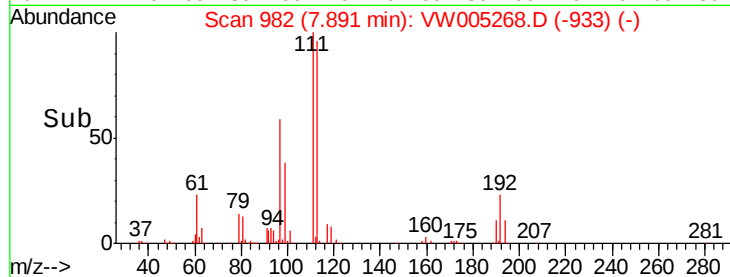
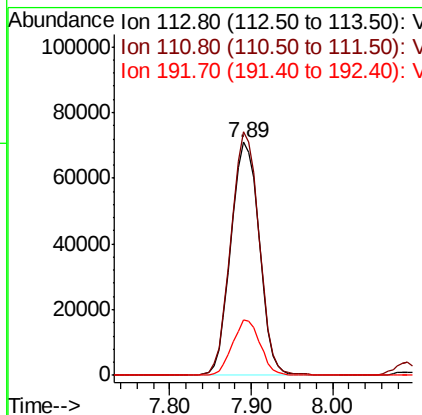
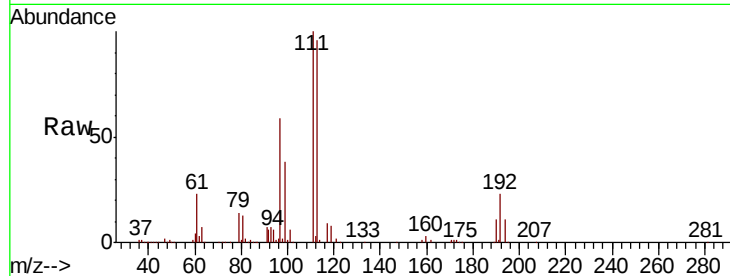
ClientSampleId :

VW0911SBSD01

Tot Ion:	113	Resp:	171182
Ion Ratio	Lower	Upper	
113	100		
111	103.1	80.6	121.0
192	23.1	18.3	27.5

Manual Integrations
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#36

1,1-Dichloropropene

Concen: 21.70 ug/l

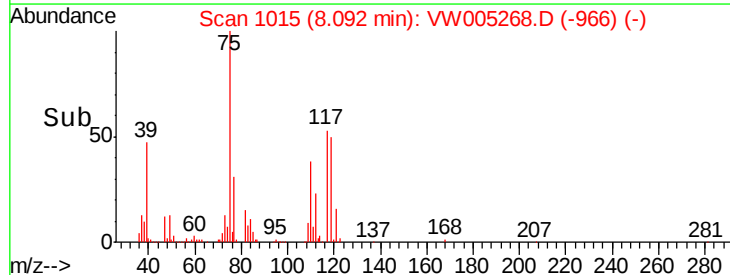
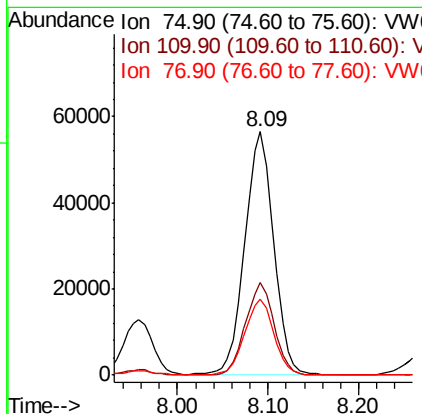
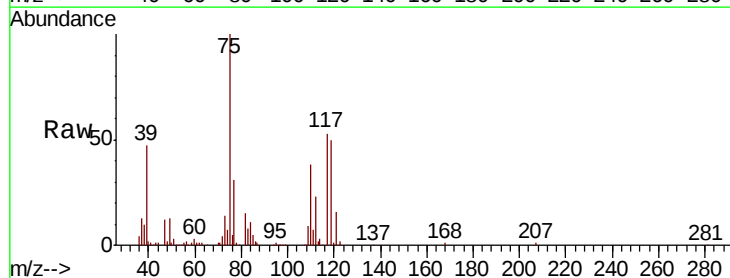
RT: 8.09 min Scan# 1015

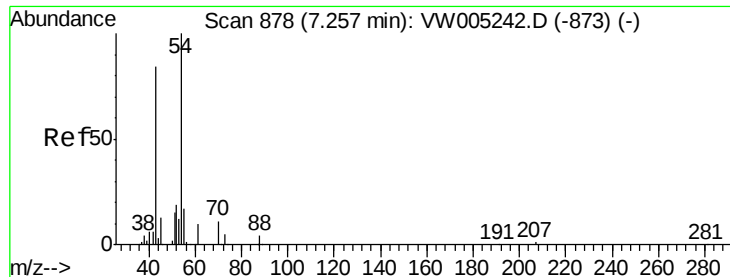
Delta R.T. -0.00 min

Lab File: VW005268.D

Acq: 11 Sep 2018 12:04

Tgt Ion:	75	Resp:	124391
Ion Ratio	Lower	Upper	
75	100		
110	37.8	18.8	56.4
77	31.9	24.9	37.3





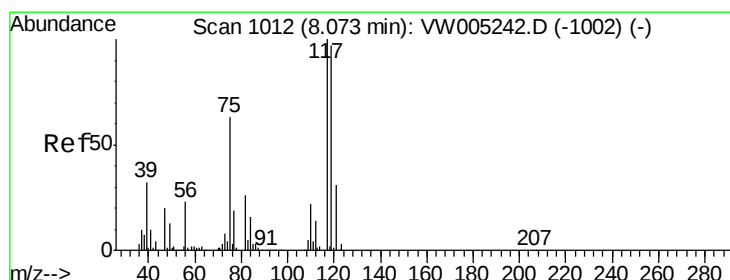
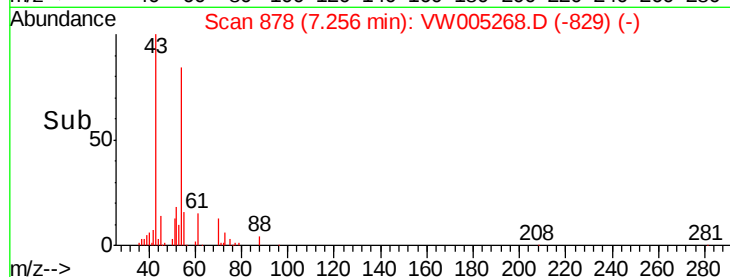
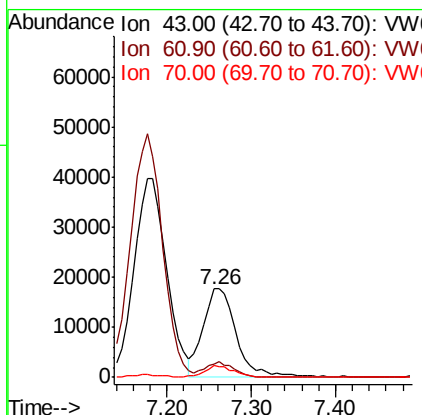
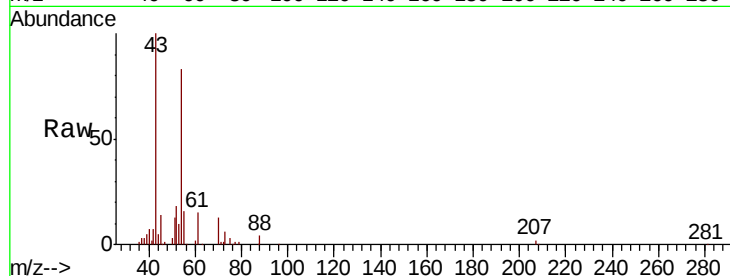
#37
Ethyl Acetate
Concen: 21.79 ug/l
RT: 7.26 min Scan# 878
Delta R.T. -0.00 min
Lab File: VW005268.D
Acq: 11 Sep 2018 12:04

Instrument :
MSVOA_W
ClientSampleId :
VW0911SBSD01

Tot Ion	Ratio	Lower	Upper
43	100		
61	15.5	12.3	18.5
70	11.0	9.5	14.3

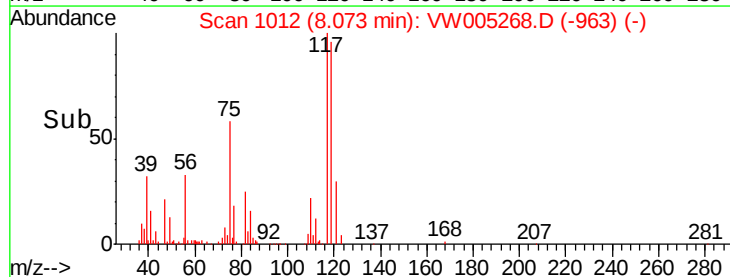
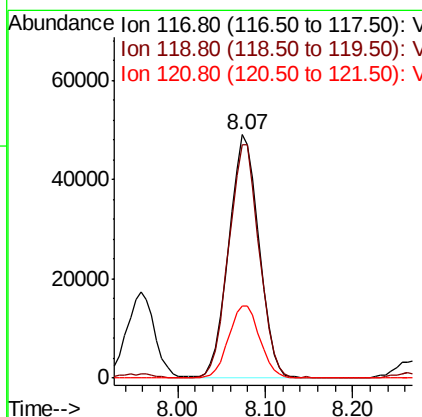
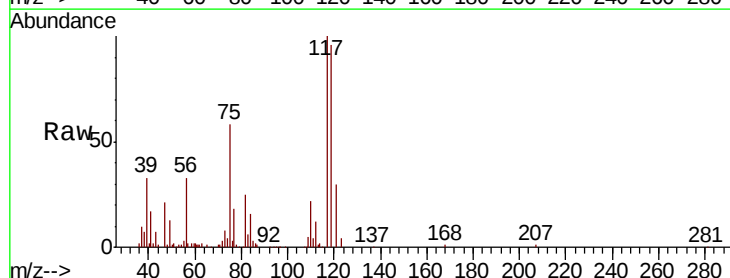
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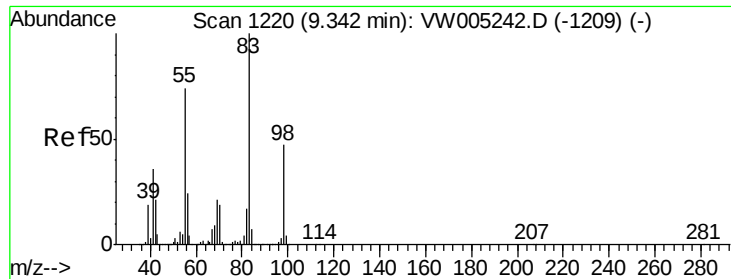
apatel
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#38
Carbon Tetrachloride
Concen: 21.98 ug/l
RT: 8.07 min Scan# 1012
Delta R.T. -0.00 min
Lab File: VW005268.D
Acq: 11 Sep 2018 12:04

Tgt Ion	Ratio	Lower	Upper
117	100		
119	95.8	77.5	116.3
121	29.7	24.7	37.1





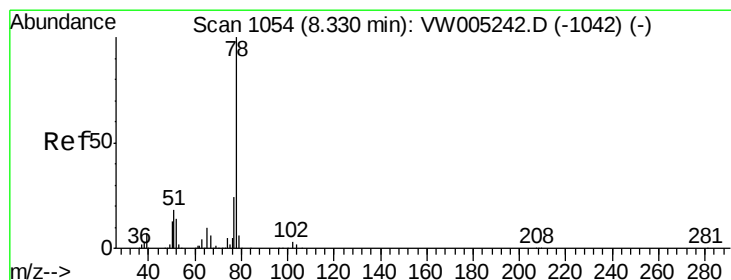
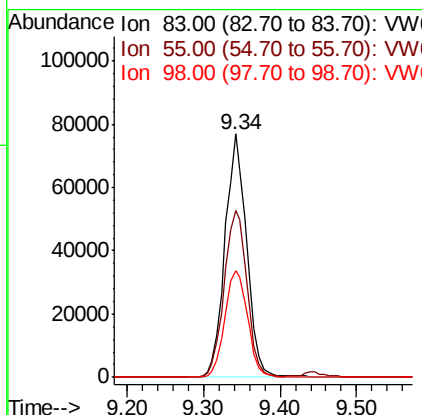
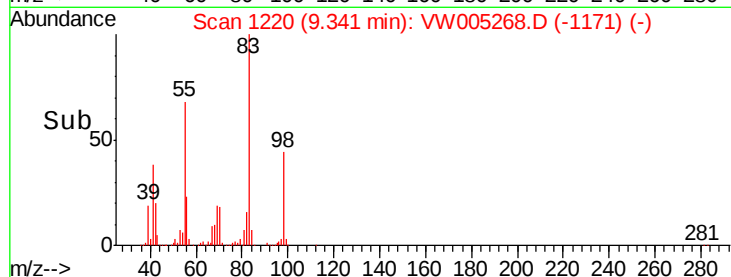
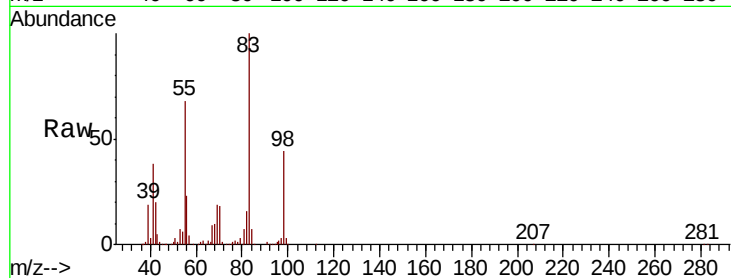
#39
Methvlcvclohexane
Concen: 19.89 ug/l
RT: 9.34 min Scan# 1220
Delta R.T. -0.00 min
Lab File: VW005268.D
Acq: 11 Sep 2018 12:04

Instrument :
MSVOA_W
ClientSampleId :
VW0911SBSD01

Tot Ion	Ratio	Lower	Upper
83	100		
55	68.4	58.9	88.3
98	43.9	37.6	56.4

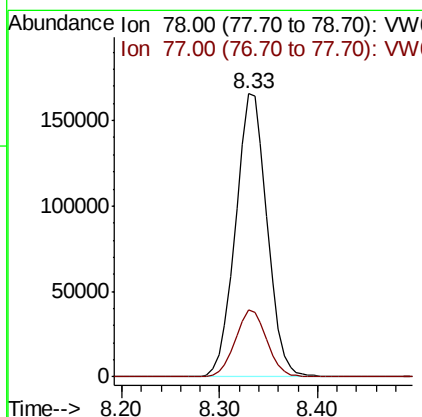
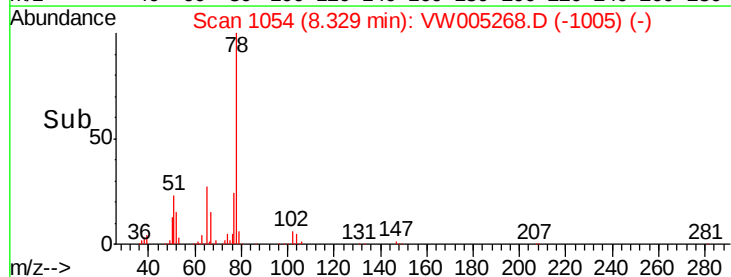
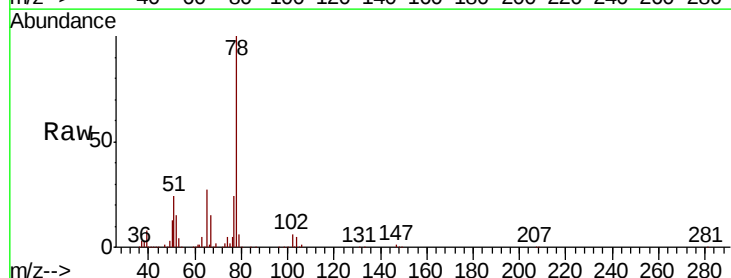
Manual Integrations
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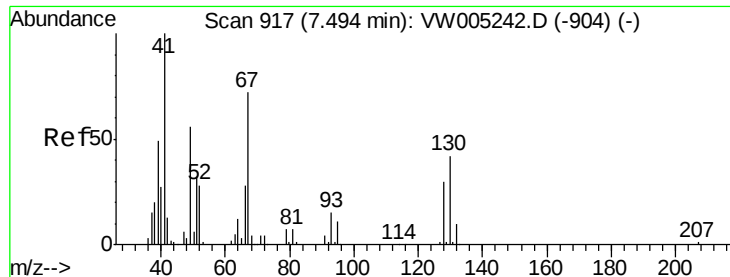
apatel
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#40
Benzene
Concen: 21.91 ug/l
RT: 8.33 min Scan# 1054
Delta R.T. -0.00 min
Lab File: VW005268.D
Acq: 11 Sep 2018 12:04

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.8	18.9	28.3





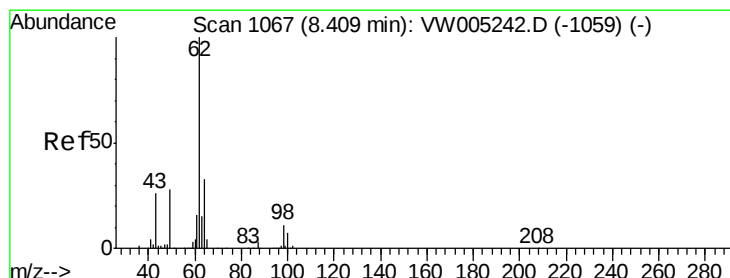
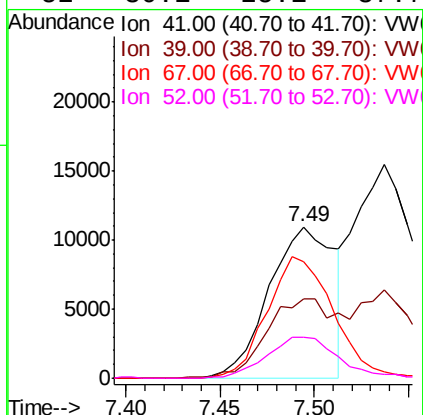
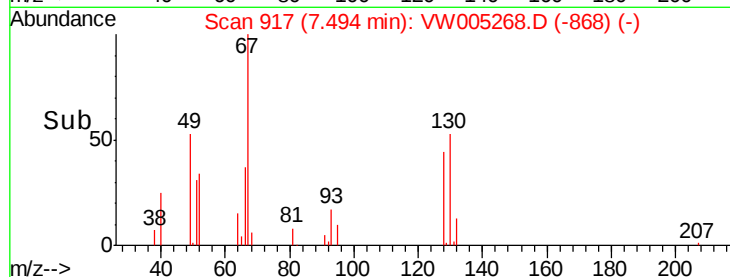
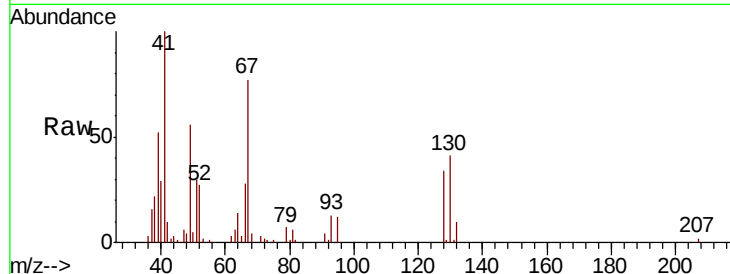
#41
Methacrylonitrile
Concen: 23.74 ug/l
RT: 7.49 min Scan# 917
Delta R.T. -0.00 min
Lab File: VW005268.D
Acq: 11 Sep 2018 12:04

Instrument :
MSVOA_W
ClientSampleId :
VW0911SBSD01

Tot Ion	41	Resp	26555
Ion	Ratio	Lower	Upper
41	100		
39	59.5	39.9	59.9
67	81.1	65.7	98.5
52	30.1	25.1	37.7

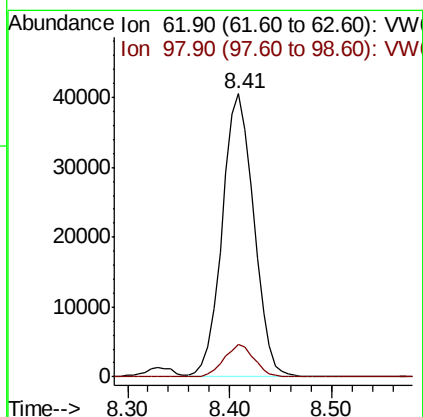
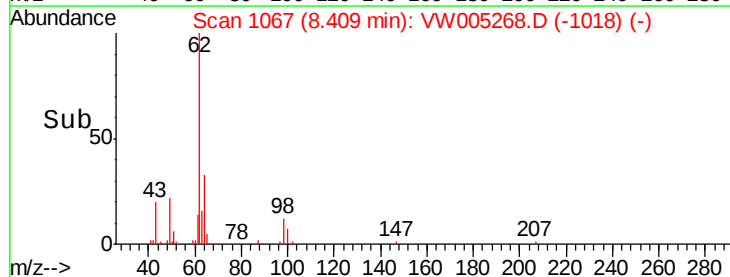
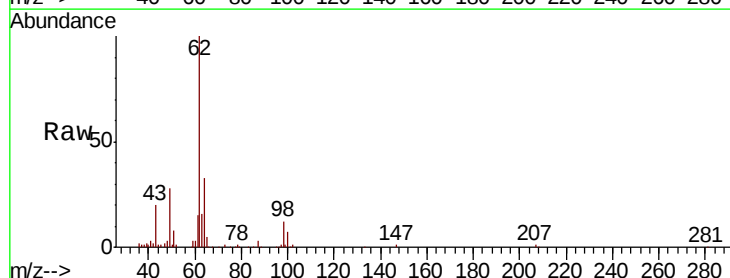
Manual Integrations
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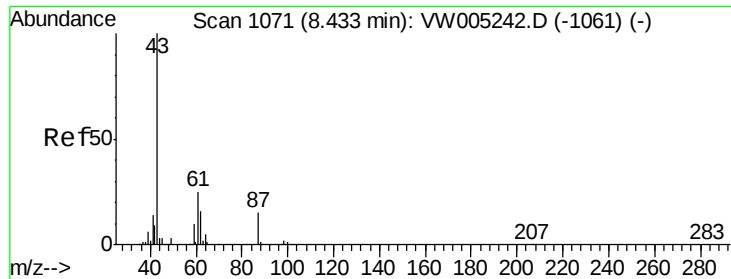
apatel
9/12/2018 10:29:17 AM



#42
1,2-Dichloroethane
Concen: 21.57 ug/l
RT: 8.41 min Scan# 1067
Delta R.T. -0.00 min
Lab File: VW005268.D
Acq: 11 Sep 2018 12:04

Tgt Ion	62	Resp	87111
Ion	Ratio	Lower	Upper
62	100		
98	11.0	0.0	22.0





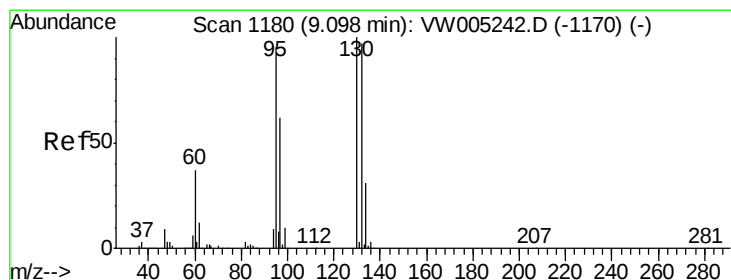
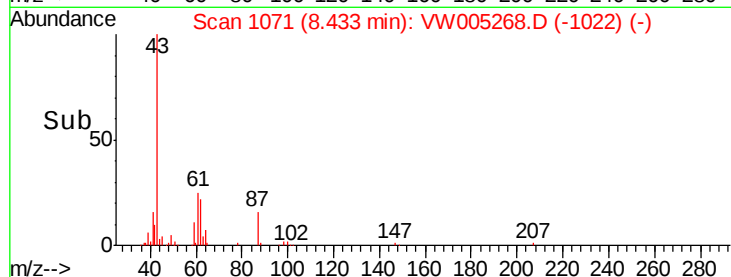
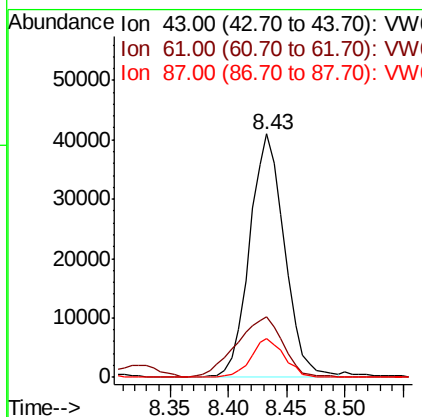
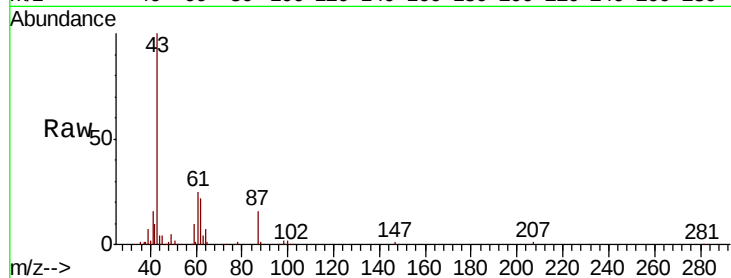
#43
Isopropyl Acetate
Concen: 20.91 ug/l
RT: 8.43 min Scan# 1071
Delta R.T. -0.00 min
Lab File: VW005268.D
Acq: 11 Sep 2018 12:04

Instrument :
MSVOA_W
ClientSampleId :
VW0911SBSD01

Tot Ion	Ratio	Lower	Upper
43	100		
61	33.8	25.4	38.0
87	15.4	11.9	17.9

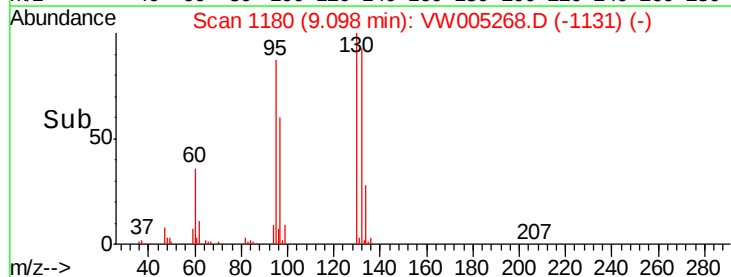
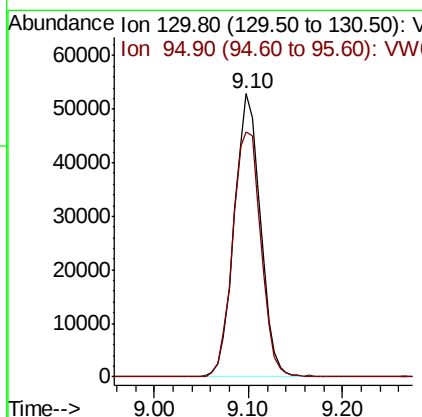
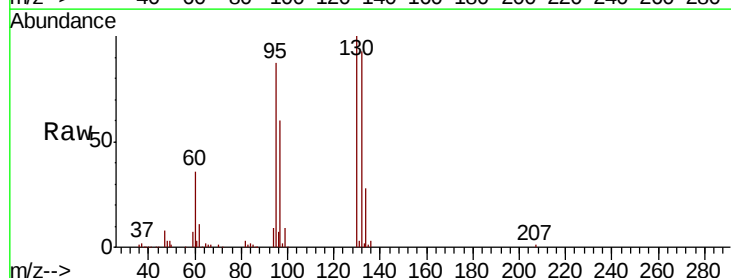
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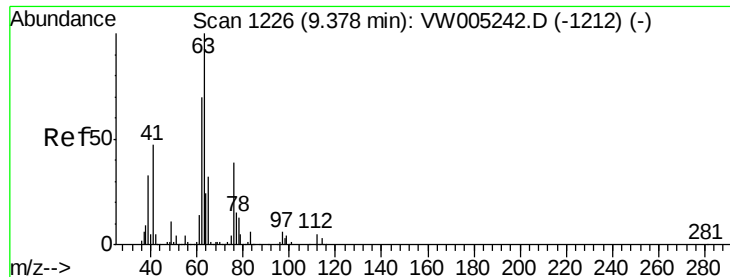
apatel
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#44
Trichloroethene
Concen: 22.14 ug/l
RT: 9.10 min Scan# 1180
Delta R.T. -0.00 min
Lab File: VW005268.D
Acq: 11 Sep 2018 12:04

Tgt Ion	Ratio	Lower	Upper
130	100		
95	86.6	0.0	189.6





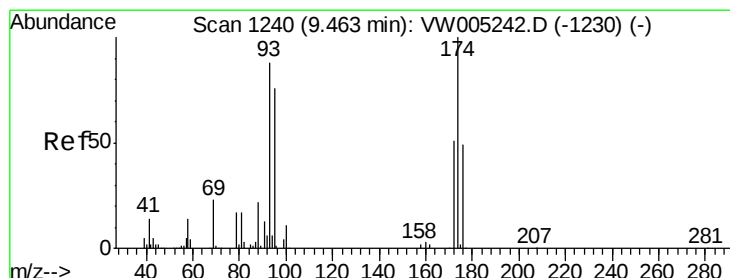
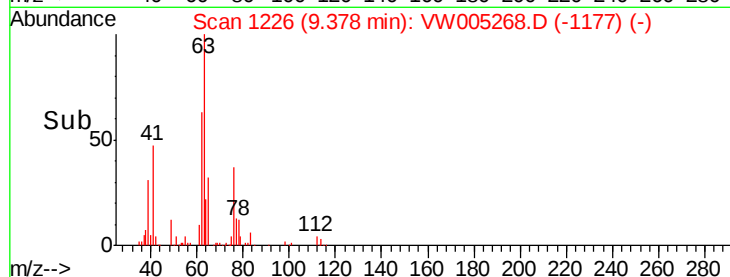
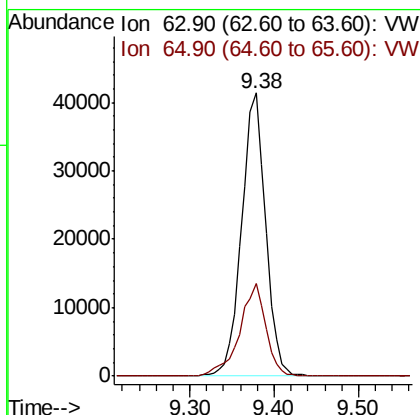
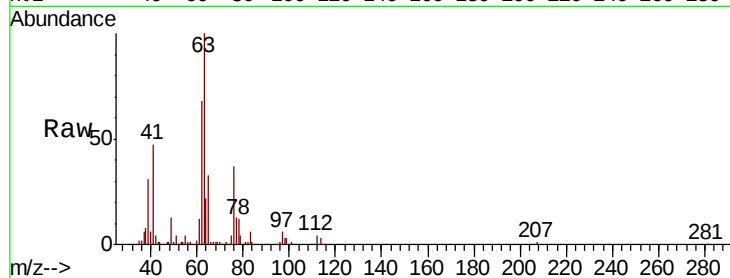
#45
 1,2-Dichloropropane
 Concen: 19.45 ug/l
 RT: 9.38 min Scan# 1226
 Delta R.T. -0.00 min
 Lab File: VW005268.D
 Acq: 11 Sep 2018 12:04

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0911SBS01

Tot Ion	Ratio	Lower	Upper
63	100		
65	32.8	25.4	38.2

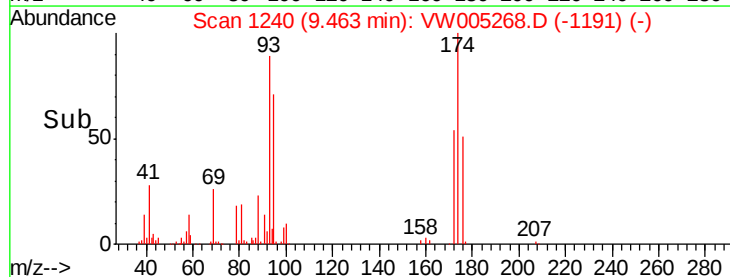
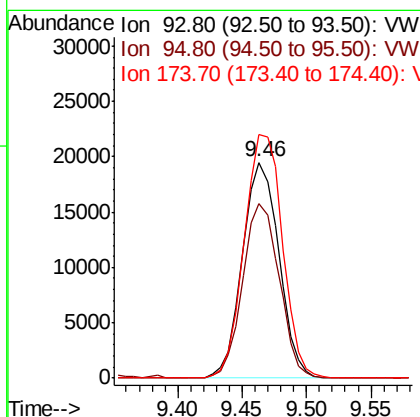
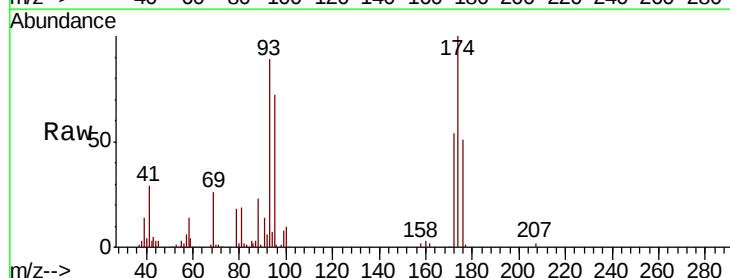
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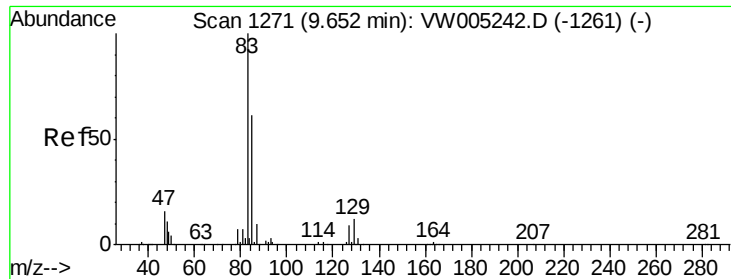
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#46
 Dibromomethane
 Concen: 19.28 ug/l
 RT: 9.46 min Scan# 1240
 Delta R.T. -0.00 min
 Lab File: VW005268.D
 Acq: 11 Sep 2018 12:04

Tgt Ion	Ratio	Lower	Upper
93	100		
95	80.6	67.0	100.4
174	117.8	92.2	138.2





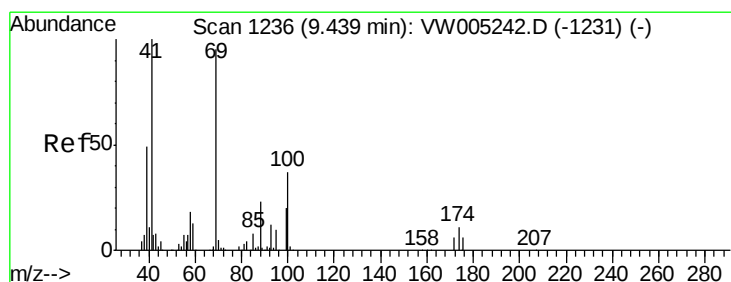
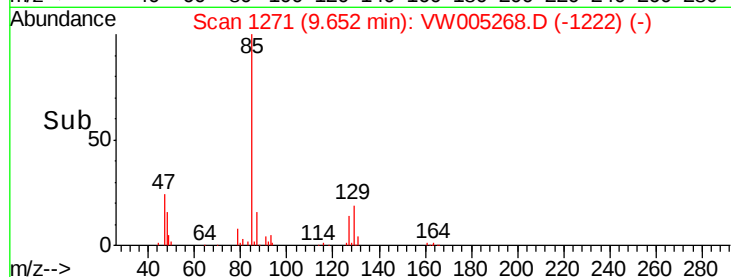
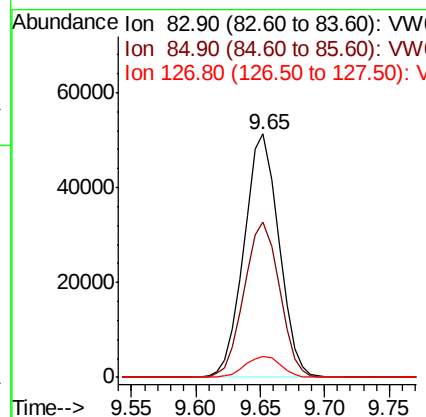
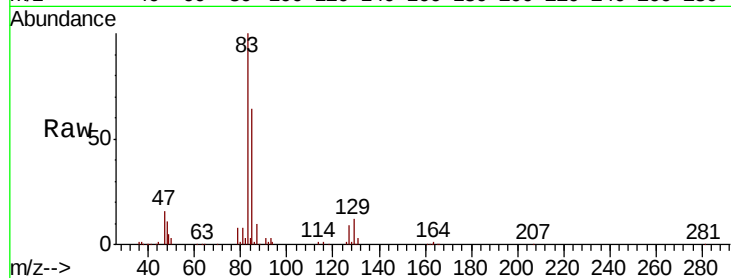
#47
Bromodichloromethane
Concen: 19.85 ug/l
RT: 9.65 min Scan# 1271
Delta R.T. -0.00 min
Lab File: VW005268.D
Acq: 11 Sep 2018 12:04

Instrument :
MSVOA_W
ClientSampleId :
VW0911SBSD01

Tot Ion	Ratio	Lower	Upper
83	100		
85	63.9	49.0	73.6
127	8.8	7.0	10.4

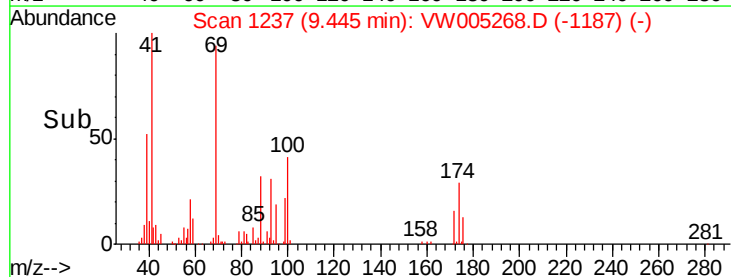
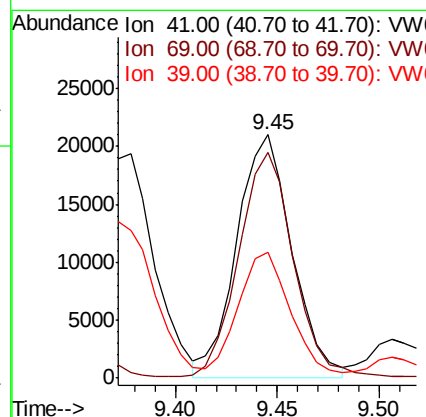
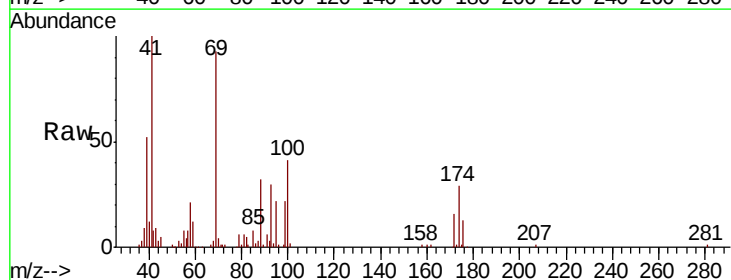
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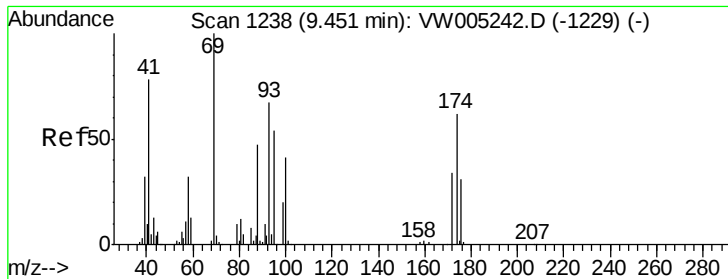
apatel
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#48
Methyl methacrylate
Concen: 18.66 ug/l
RT: 9.45 min Scan# 1237
Delta R.T. 0.01 min
Lab File: VW005268.D
Acq: 11 Sep 2018 12:04

Tgt Ion	Ratio	Lower	Upper
41	100		
69	93.8	74.6	112.0
39	44.9	36.7	55.1





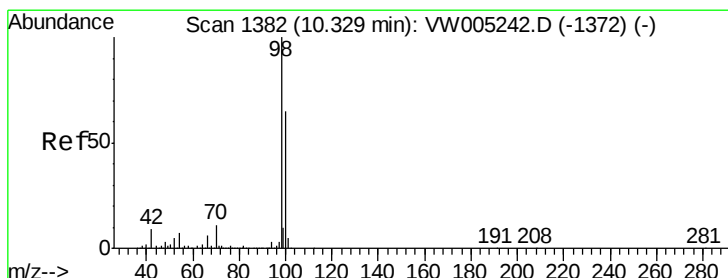
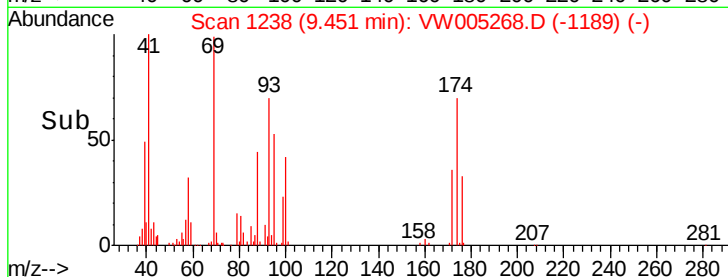
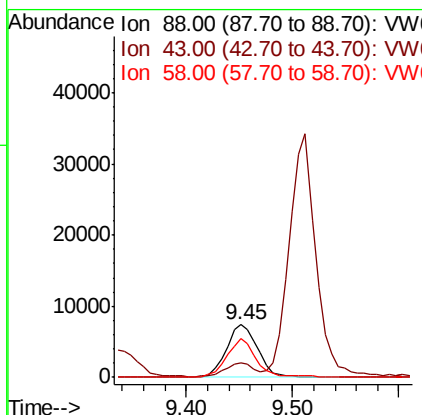
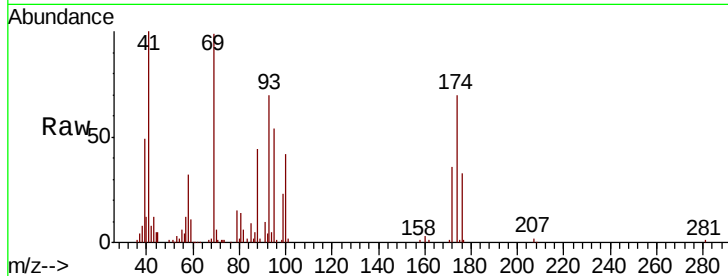
#49
1,4-Dioxane
Concen: 410.90 ug/l
RT: 9.45 min Scan# 1238
Delta R.T. -0.00 min
Lab File: VW005268.D
Acq: 11 Sep 2018 12:04

Instrument :
MSVOA_W
ClientSampleId :
VW0911SBSD01

Tot Ion	88	Resp	15240
Ion	Ratio	Lower	Upper
88	100		
43	24.6	22.7	34.1
58	67.2	56.6	85.0

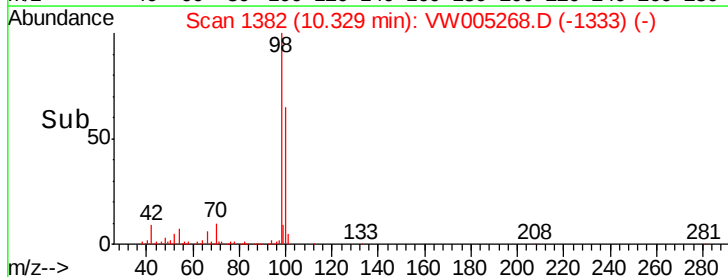
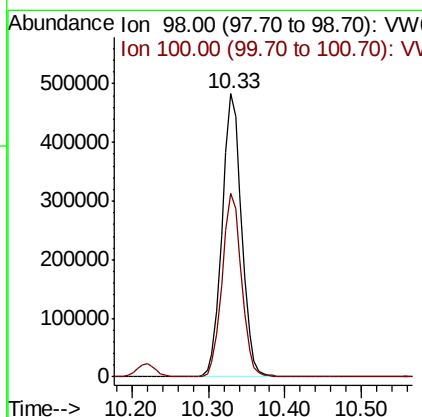
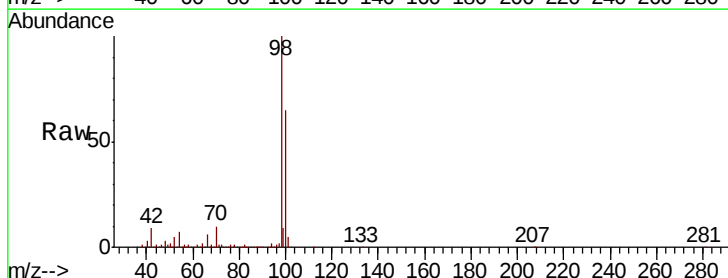
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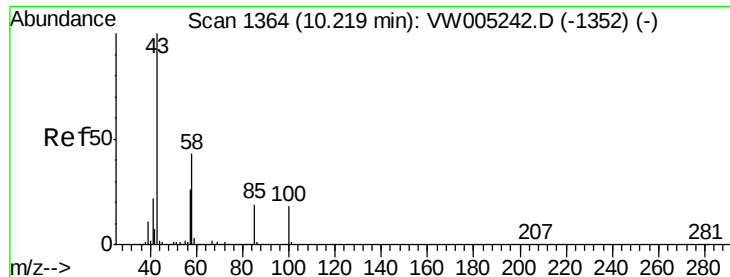
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#50
Toluene-d8
Concen: 51.30 ug/l
RT: 10.33 min Scan# 1382
Delta R.T. -0.00 min
Lab File: VW005268.D
Acq: 11 Sep 2018 12:04

Tgt Ion	98	Resp	849529
Ion	Ratio	Lower	Upper
98	100		
100	64.7	52.0	78.0





#51

4-Methyl-2-Pentanone

Concen: 101.83 ug/l

RT: 10.22 min Scan# 1364

Delta R.T. -0.00 min

Lab File: VW005268.D

Acq: 11 Sep 2018 12:04

Instrument :

MSVOA_W

ClientSampleId :

VW0911SBSD01

Tot Ion: 43 Resp: 231973

Ion Ratio Lower Upper

43 100

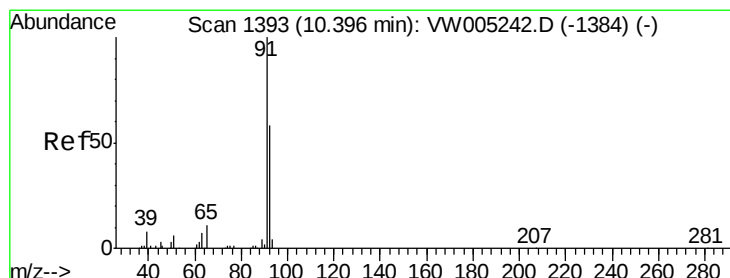
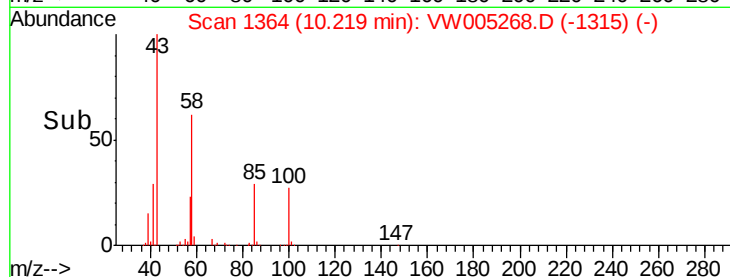
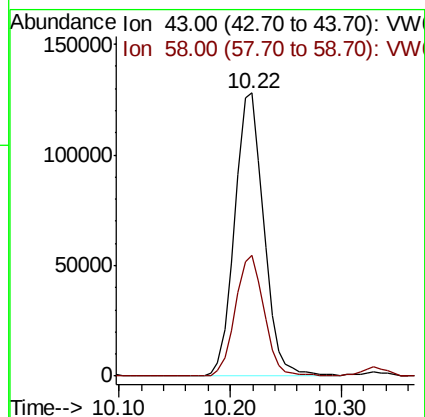
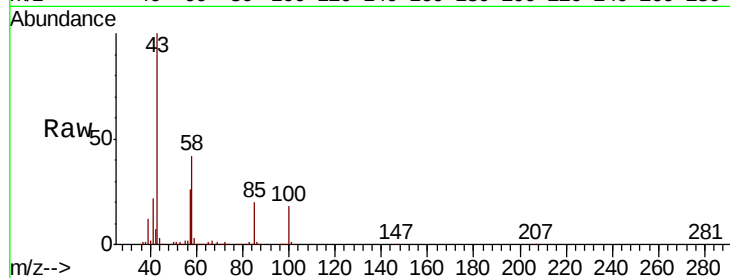
58 42.3 33.8 50.6

Manual Integrations

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#52

Toluene

Concen: 21.17 ug/l

RT: 10.40 min Scan# 1393

Delta R.T. -0.00 min

Lab File: VW005268.D

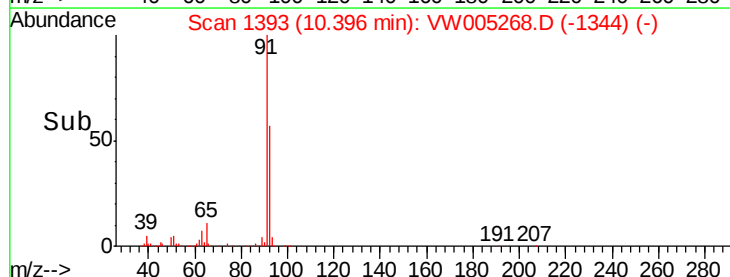
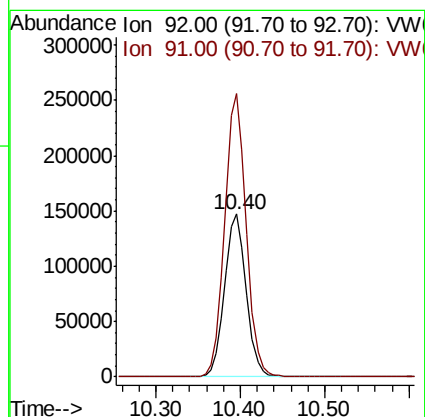
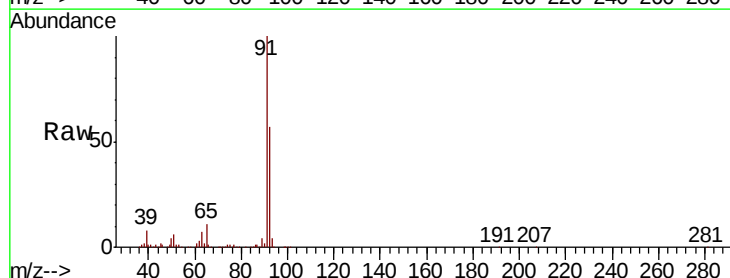
Acq: 11 Sep 2018 12:04

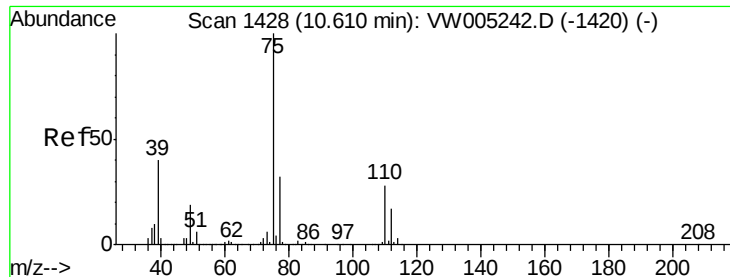
Tgt Ion: 92 Resp: 259742

Ion Ratio Lower Upper

92 100

91 173.4 137.4 206.0





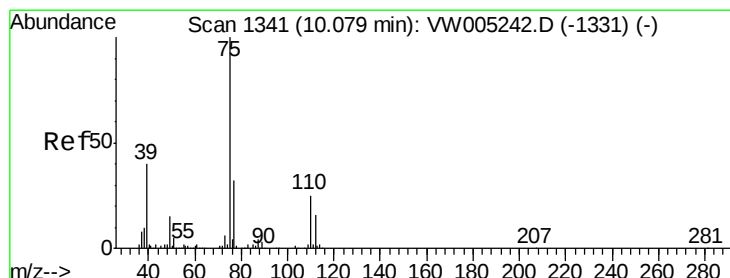
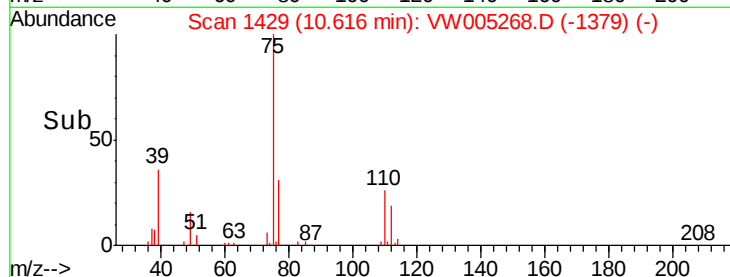
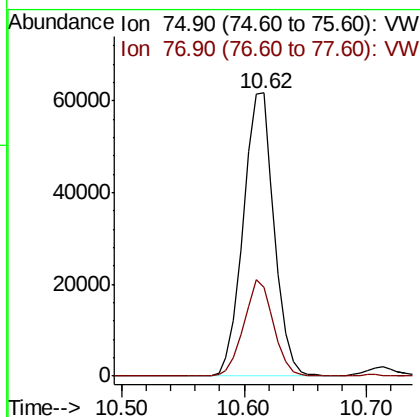
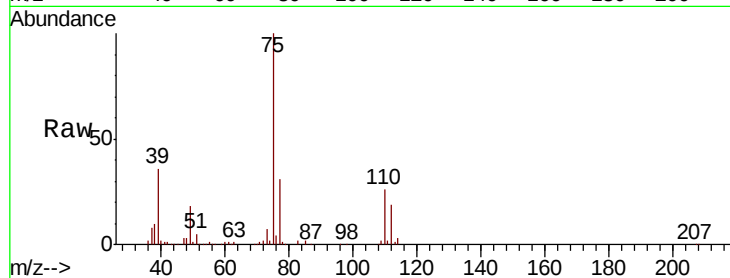
#53
 t-1,3-Dichloropropene
 Concen: 20.61 ug/l
 RT: 10.62 min Scan# 1429
 Delta R.T. 0.01 min
 Lab File: VW005268.D
 Acq: 11 Sep 2018 12:04

Instrument :
 MSVOA_W
 ClientSampled :
 VW0911SBSD01

Tot Ion	Ratio	Lower	Upper
75	100		
77	31.0	25.8	38.8

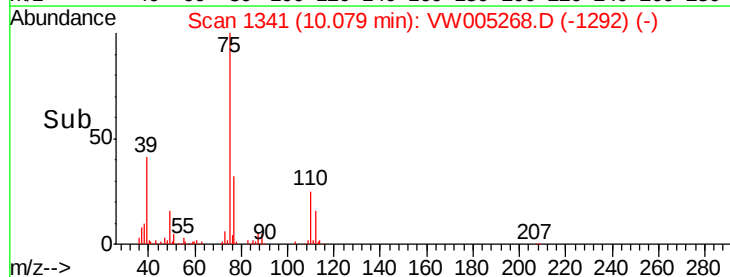
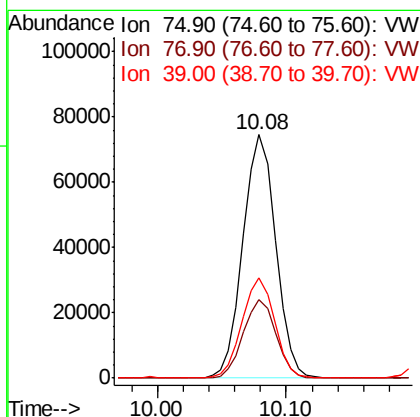
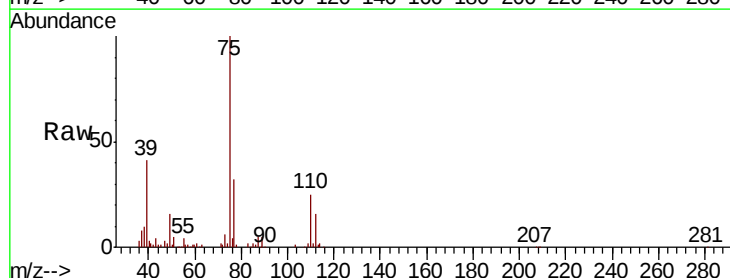
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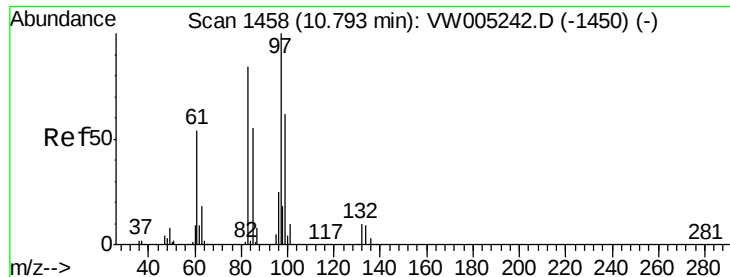
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#54
 cis-1,3-Dichloropropene
 Concen: 20.87 ug/l
 RT: 10.08 min Scan# 1341
 Delta R.T. -0.00 min
 Lab File: VW005268.D
 Acq: 11 Sep 2018 12:04

Tgt Ion	Ratio	Lower	Upper
75	100		
77	32.4	25.5	38.3
39	40.8	31.8	47.6





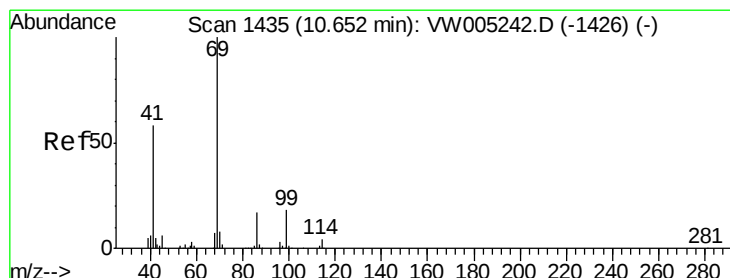
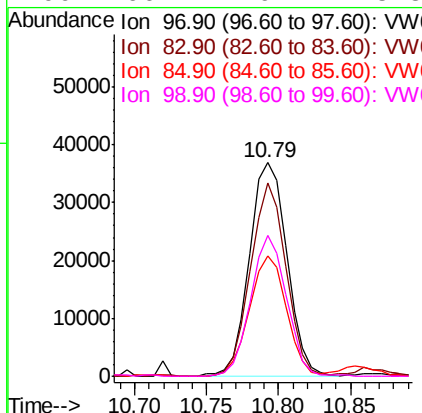
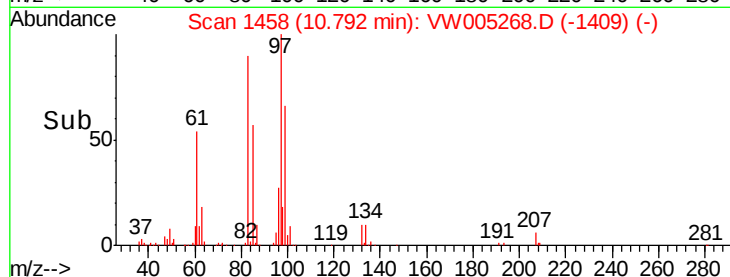
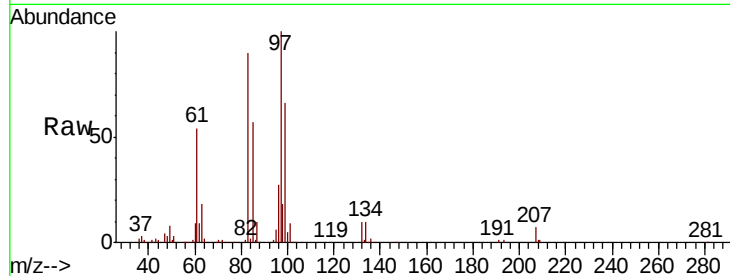
#55
 1,1,2-Trichloroethane
 Concen: 21.01 ug/l
 RT: 10.79 min Scan# 1458
 Delta R.T. -0.00 min
 Lab File: VW005268.D
 Acq: 11 Sep 2018 12:04

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0911SBSD01

Tot Ion:	97	Resp:	66540
Ion	Ratio	Lower	Upper
97	100		
83	90.4	67.2	100.8
85	56.6	44.4	66.6
99	66.2	49.2	73.8

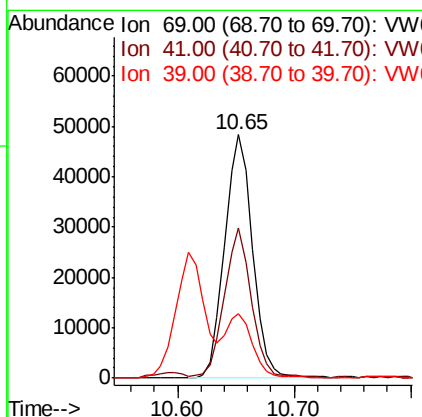
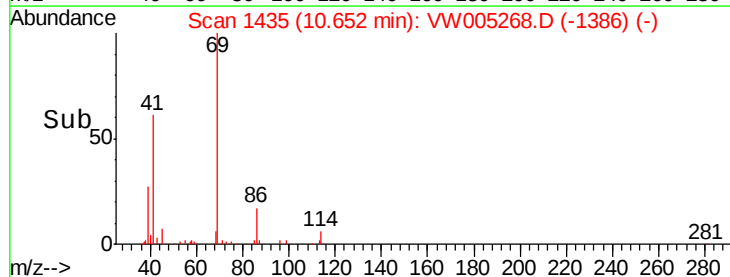
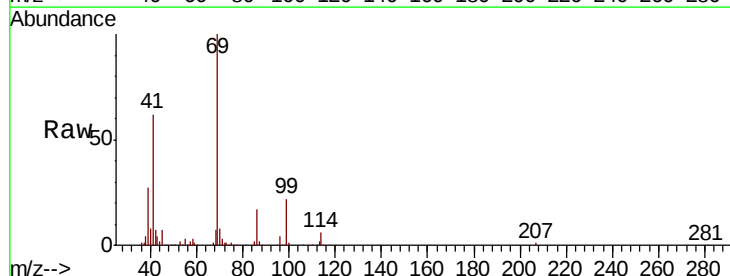
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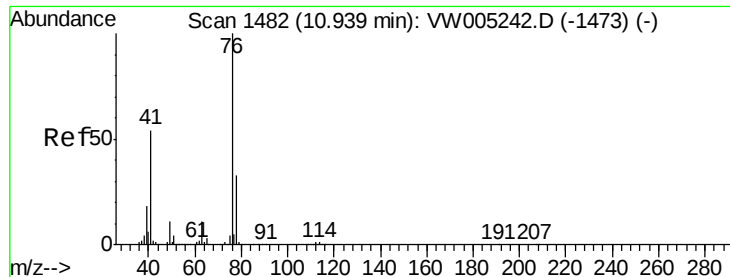
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#56
 Ethyl methacrylate
 Concen: 19.89 ug/l
 RT: 10.65 min Scan# 1435
 Delta R.T. -0.00 min
 Lab File: VW005268.D
 Acq: 11 Sep 2018 12:04

Tgt Ion:	69	Resp:	79864
Ion	Ratio	Lower	Upper
69	100		
41	59.5	48.7	73.1
39	25.1	20.9	31.3





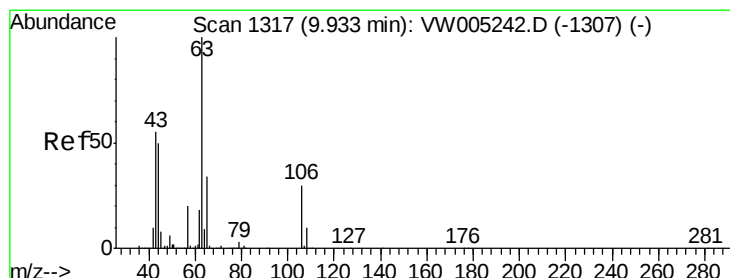
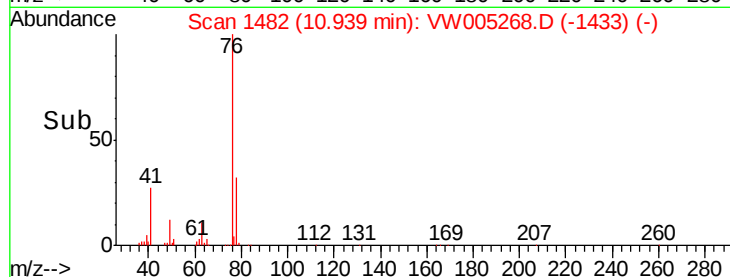
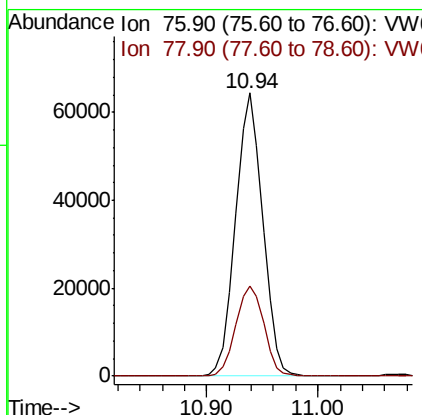
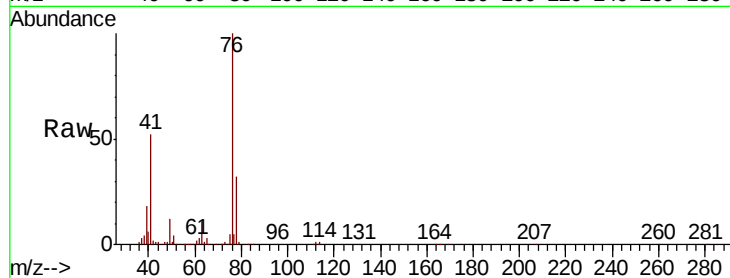
#57
 1,3-Dichloropropane
 Concen: 20.70 ug/l
 RT: 10.94 min Scan# 1482
 Delta R.T. -0.00 min
 Lab File: VW005268.D
 Acq: 11 Sep 2018 12:04

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0911SBSD01

Tot Ion	Ratio	Lower	Upper
76	100		
78	33.0	26.0	39.0

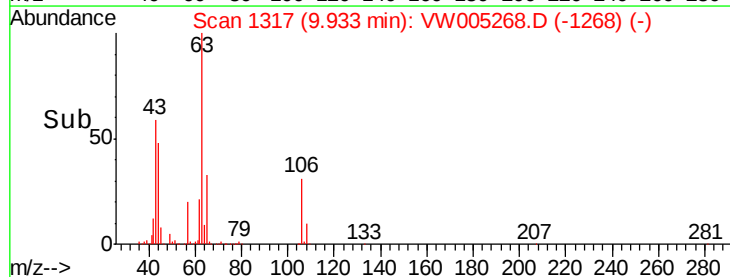
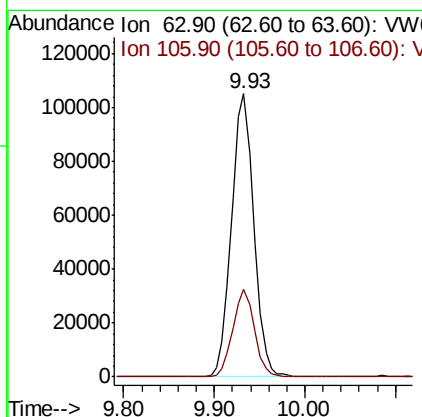
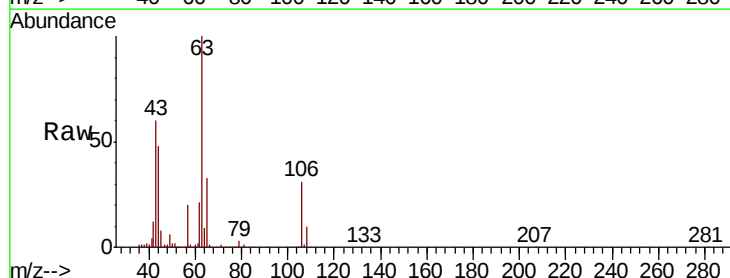
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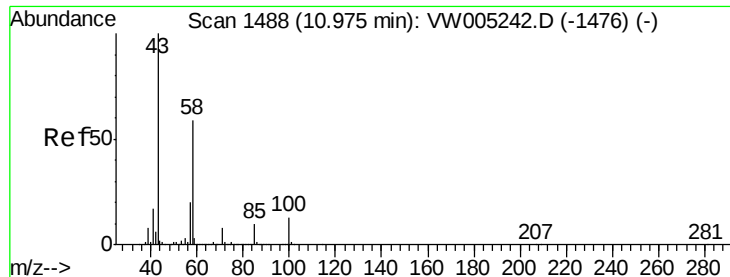
apatel
 9/12/2018 10:29:17 AM



#58
 2-Chloroethyl Vinyl ether
 Concen: 102.97 ug/l
 RT: 9.93 min Scan# 1317
 Delta R.T. -0.00 min
 Lab File: VW005268.D
 Acq: 11 Sep 2018 12:04

Tgt Ion	Ratio	Lower	Upper
63	100		
106	30.0	23.4	35.0





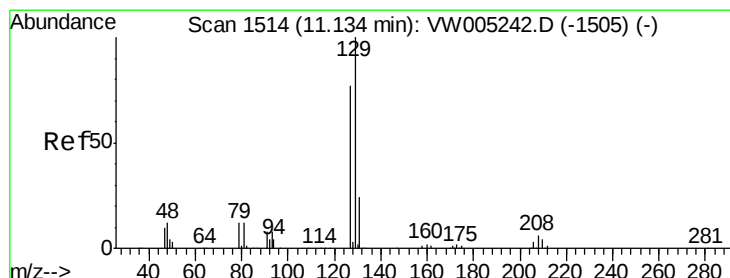
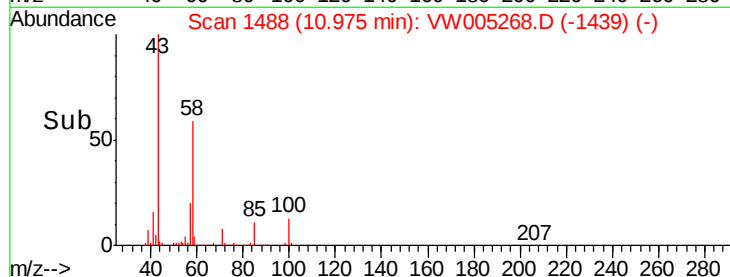
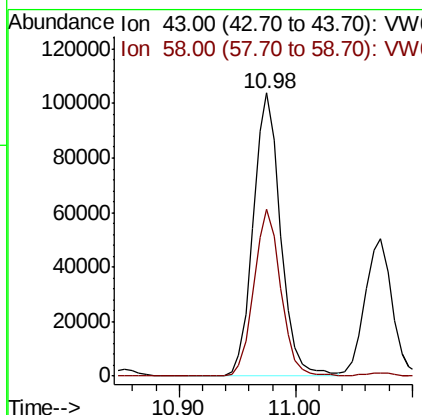
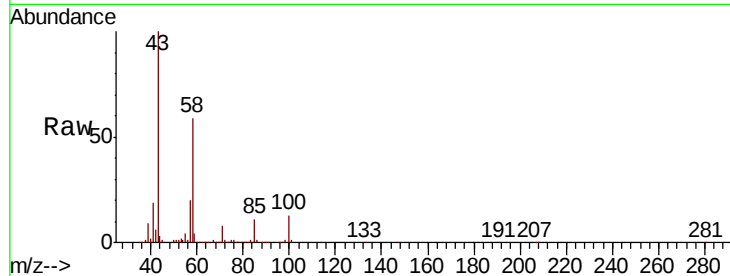
#59
2-Hexanone
Concen: 103.57 ug/l
RT: 10.98 min Scan# 1488
Delta R.T. -0.00 min
Lab File: VW005268.D
Acq: 11 Sep 2018 12:04

Instrument :
MSVOA_W
ClientSampleId :
VW0911SBSD01

Tot Ion	Ratio	Lower	Upper
43	100		
58	58.2	29.3	87.9

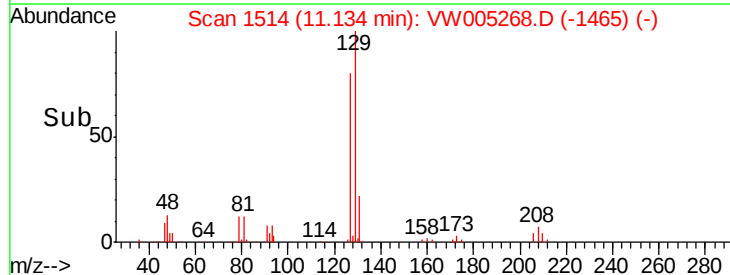
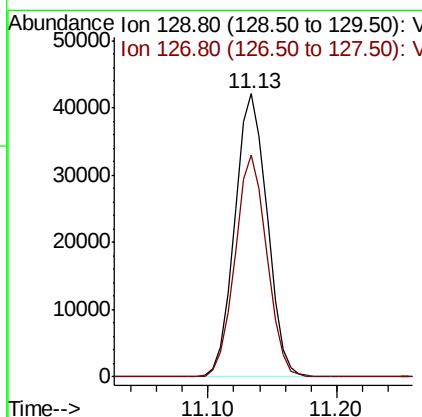
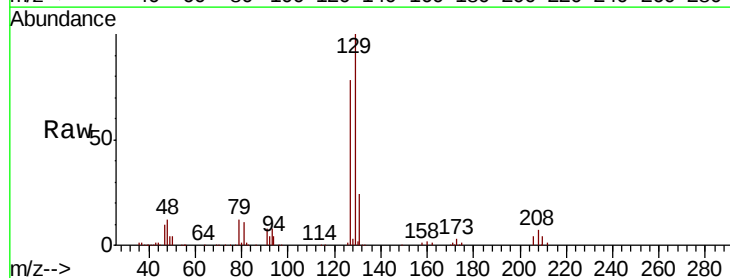
Manual Integrations
APPROVED

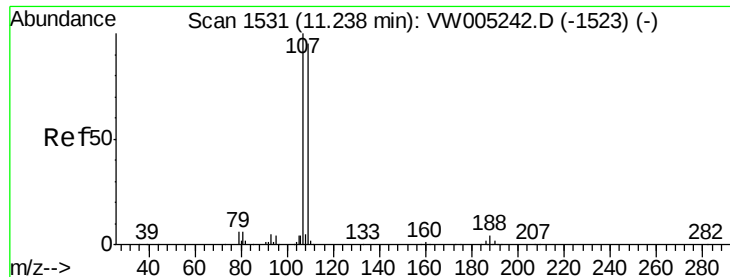
apatel
9/12/2018 10:29:17 AM



#60
Dibromochloromethane
Concen: 20.82 ug/l
RT: 11.13 min Scan# 1514
Delta R.T. -0.00 min
Lab File: VW005268.D
Acq: 11 Sep 2018 12:04

Tgt Ion	Ratio	Lower	Upper
129	100		
127	77.1	39.0	117.0





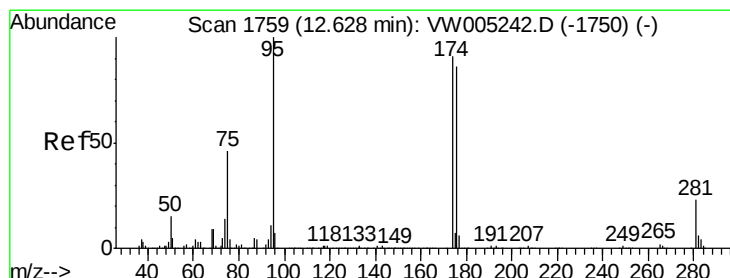
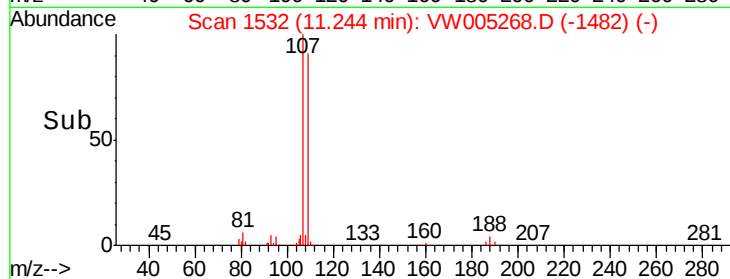
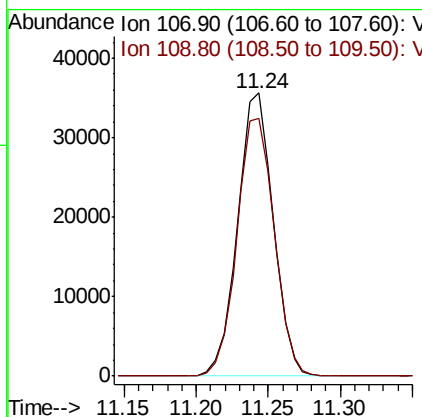
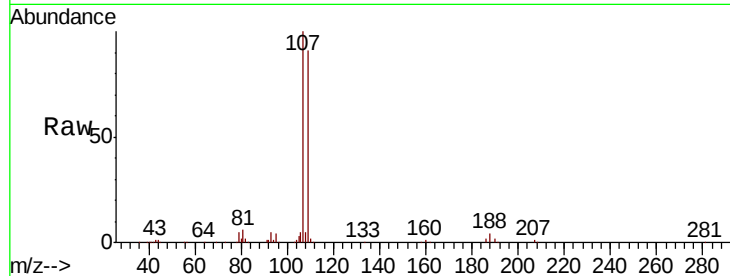
#61
 1,2-Dibromoethane
 Concen: 21.01 ug/l
 RT: 11.24 min Scan# 1532
 Delta R.T. 0.01 min
 Lab File: VW005268.D
 Acq: 11 Sep 2018 12:04

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0911SBSD01

Tot Ion	Ratio	Lower	Upper
107	100		
109	95.3	75.7	113.5

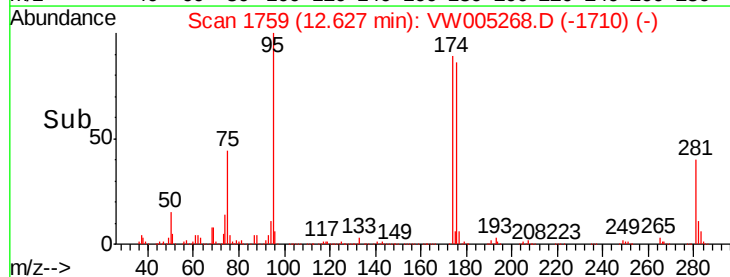
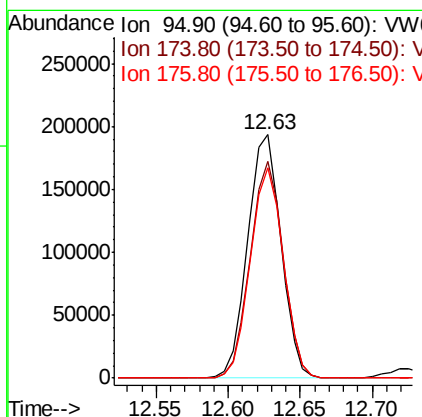
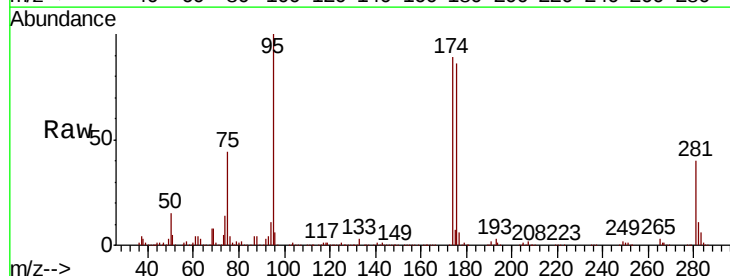
Manual Integrations
 APPROVED

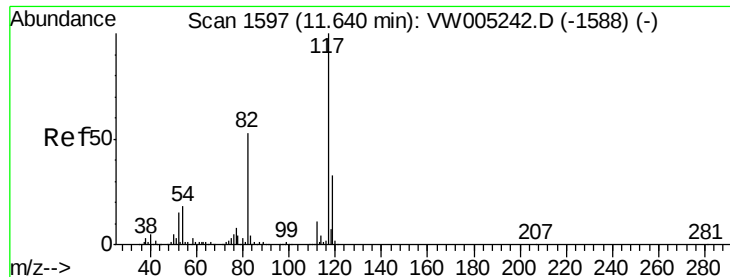
apatel
 9/12/2018 10:29:17 AM



#62
 4-Bromofluorobenzene
 Concen: 51.13 ug/l
 RT: 12.63 min Scan# 1759
 Delta R.T. -0.00 min
 Lab File: VW005268.D
 Acq: 11 Sep 2018 12:04

Tgt Ion	Ratio	Lower	Upper
95	100		
174	88.1	0.0	174.6
176	85.6	0.0	167.6





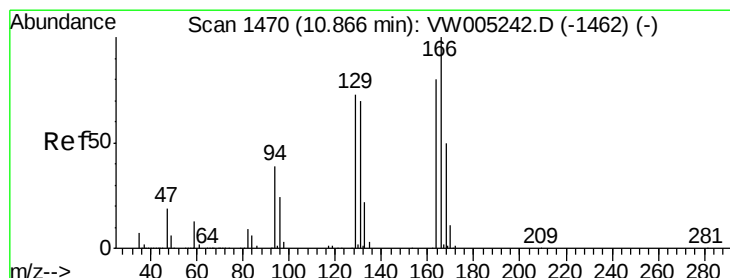
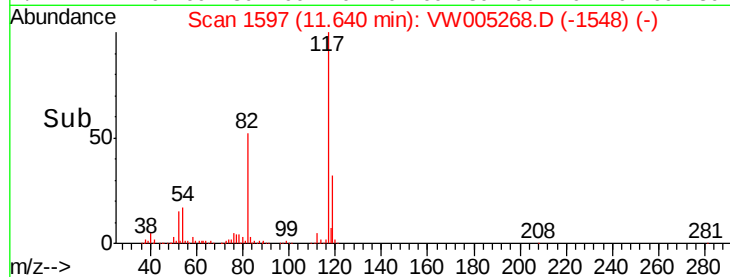
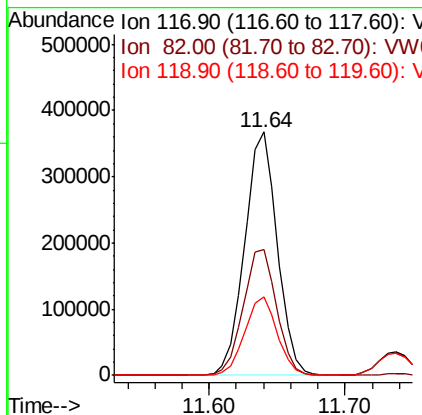
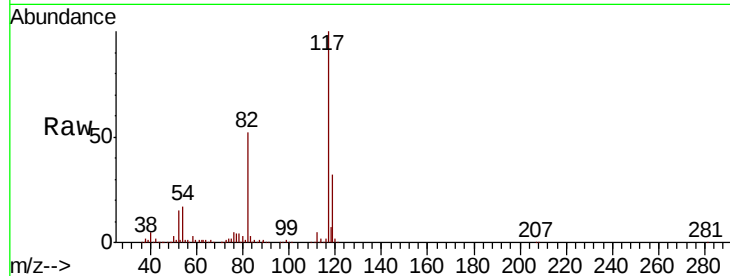
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.64 min Scan# 1597
Delta R.T. -0.00 min
Lab File: VW005268.D
Acq: 11 Sep 2018 12:04

Instrument :
MSVOA_W
ClientSampleId :
VW0911SBSD01

Tot Ion	Ratio	Lower	Upper
117	100		
82	51.7	42.6	63.8
119	32.0	26.2	39.4

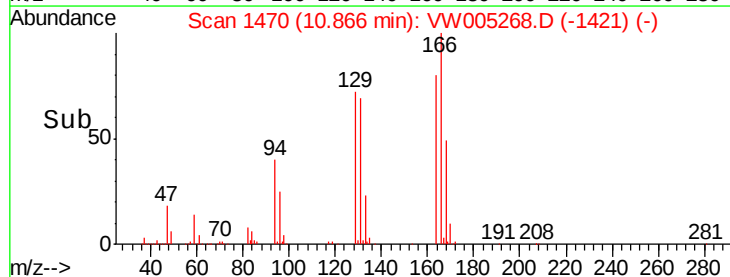
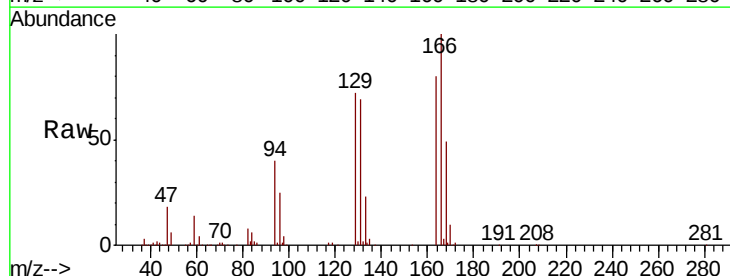
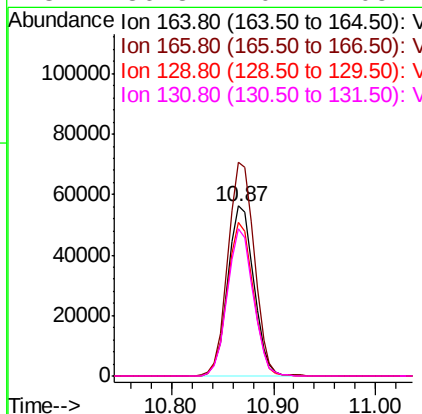
Manual Integrations
APPROVED

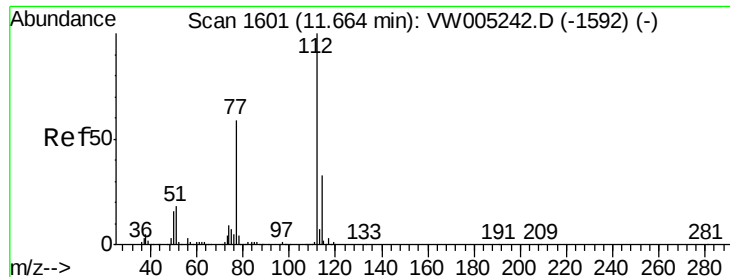
apatel
9/12/2018 10:29:17 AM



#64
Tetrachloroethene
Concen: 21.74 ug/l
RT: 10.87 min Scan# 1470
Delta R.T. -0.00 min
Lab File: VW005268.D
Acq: 11 Sep 2018 12:04

Tgt Ion	Ratio	Lower	Upper
164	100		
166	125.5	100.2	150.2
129	89.9	73.2	109.8
131	86.8	70.2	105.4





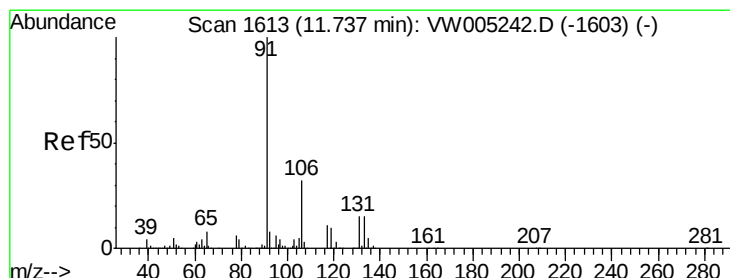
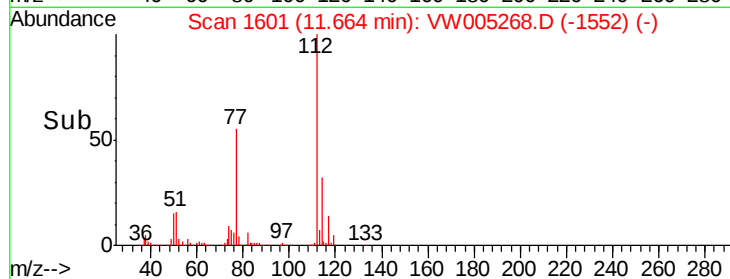
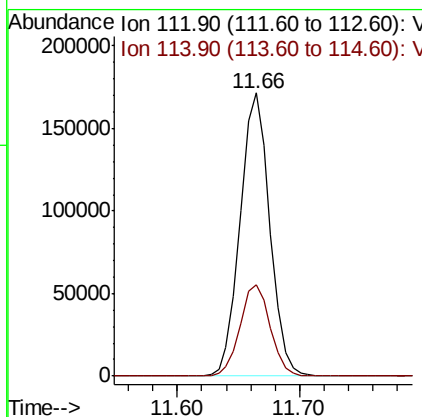
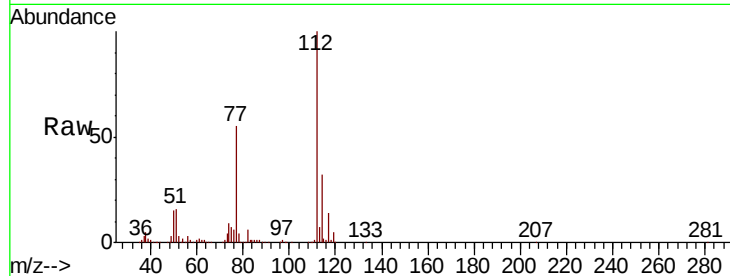
#65
Chlorobenzene
Concen: 21.39 ug/l
RT: 11.66 min Scan# 1601
Delta R.T. -0.00 min
Lab File: VW005268.D
Acq: 11 Sep 2018 12:04

Instrument :
MSVOA_W
ClientSampleId :
VW0911SBSD01

Tot Ion	Ratio	Resp	Lower	Upper
112	100	288145		
114	32.1	26.2	39.4	

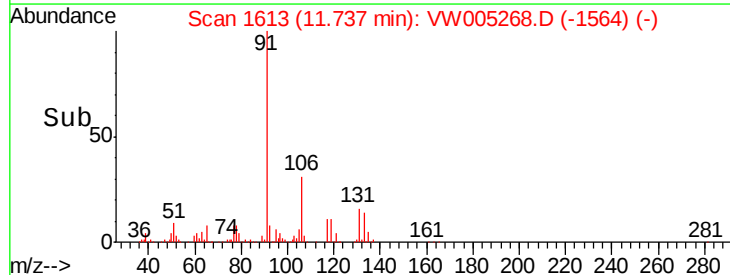
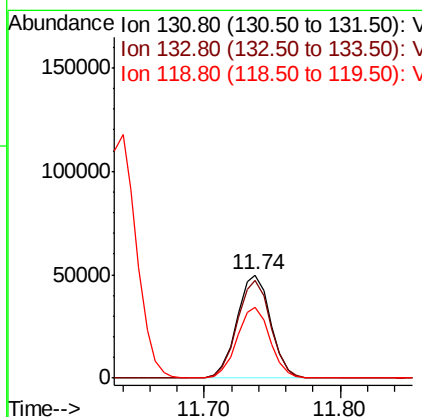
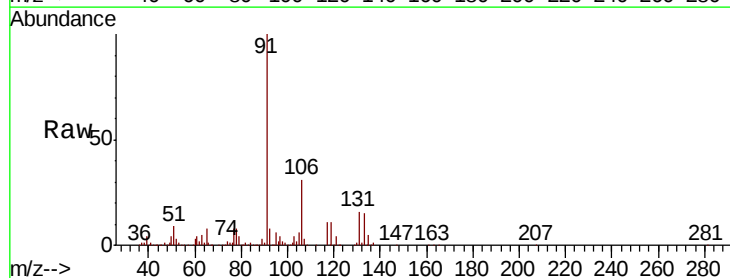
Manual Integrations
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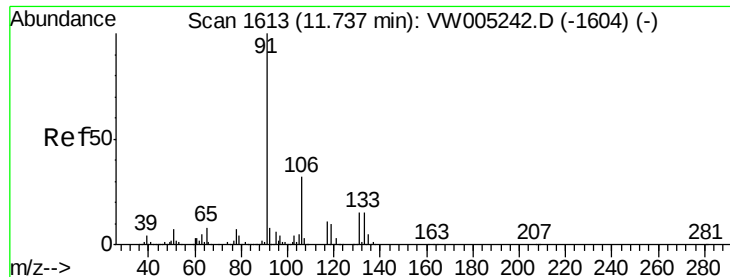
apatel
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#66
1,1,1,2-Tetrachloroethane
Concen: 21.41 ug/l
RT: 11.74 min Scan# 1613
Delta R.T. -0.00 min
Lab File: VW005268.D
Acq: 11 Sep 2018 12:04

Tgt Ion	Ratio	Resp	Lower	Upper
131	100	86111		
133	94.3	48.1	144.3	
119	67.3	33.4	100.1	





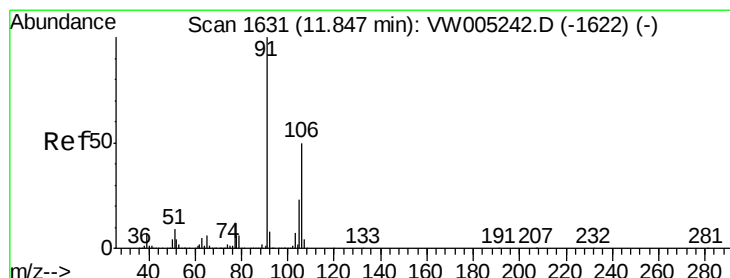
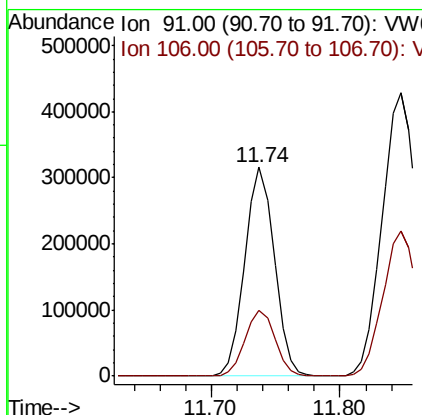
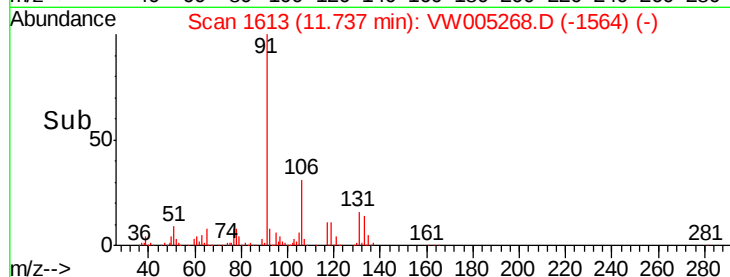
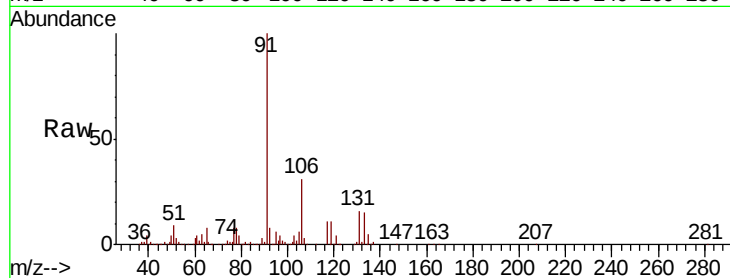
#67
Ethyl Benzene
Concen: 21.40 ug/l
RT: 11.74 min Scan# 1613
Delta R.T. -0.00 min
Lab File: VW005268.D
Acq: 11 Sep 2018 12:04

Instrument :
MSVOA_W
ClientSampleId :
VW0911SBSD01

Tot Ion: 91 Resp: 501970
Ion Ratio Lower Upper
91 100
106 31.4 25.6 38.4

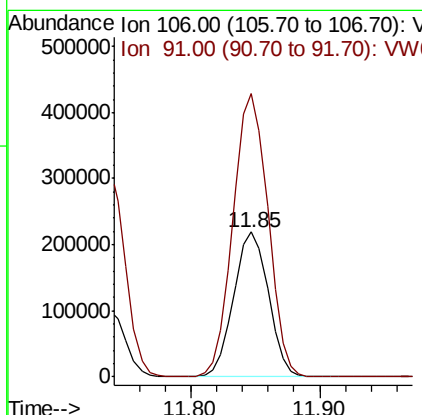
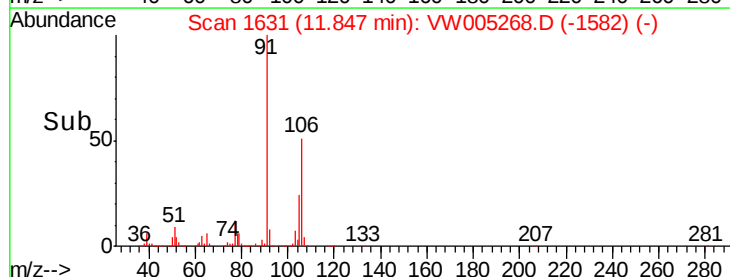
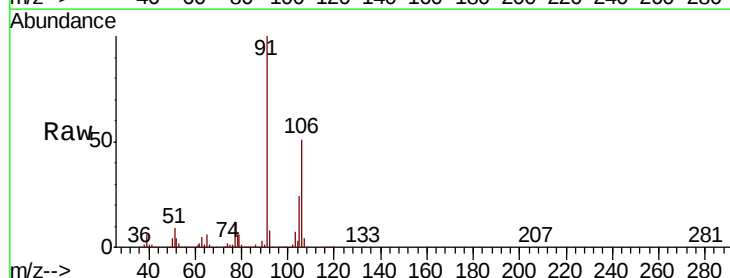
Manual Integrations
APPROVED

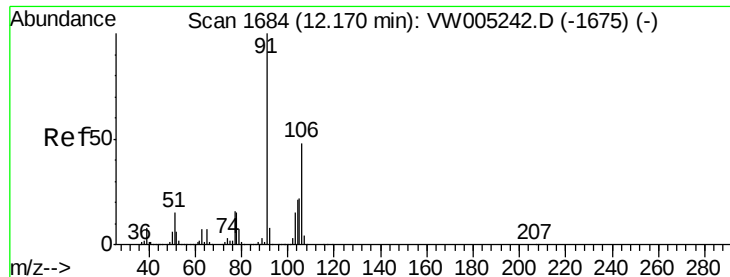
apatel
9/12/2018 10:29:17 AM



#68
m/p-Xylenes
Concen: 43.48 ug/l
RT: 11.85 min Scan# 1631
Delta R.T. -0.00 min
Lab File: VW005268.D
Acq: 11 Sep 2018 12:04

Tgt Ion: 106 Resp: 411098
Ion Ratio Lower Upper
106 100
91 197.0 160.2 240.2





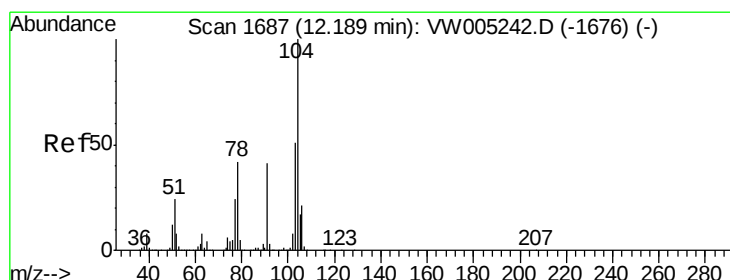
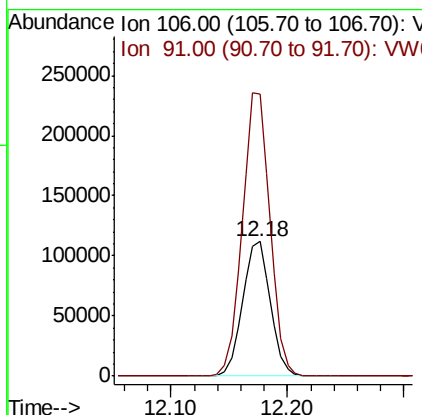
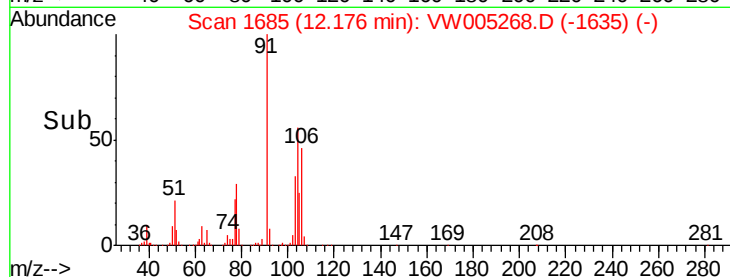
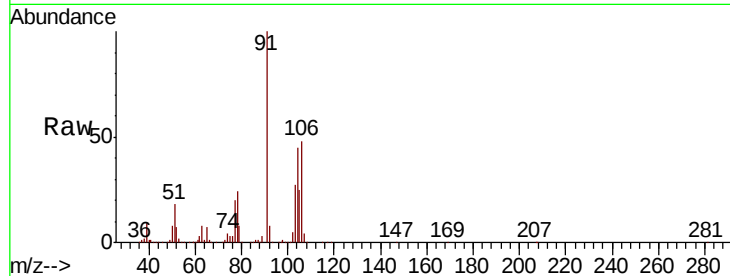
#69
o-Xylene
Concen: 21.12 ug/l
RT: 12.18 min Scan# 1685
Delta R.T. 0.01 min
Lab File: VW005268.D
Acq: 11 Sep 2018 12:04

Instrument :
MSVOA_W
ClientSampleID :
VW0911SBSD01

Tot Ion:106 Resp: 185743
Ion Ratio Lower Upper
106 100
91 210.6 104.1 312.3

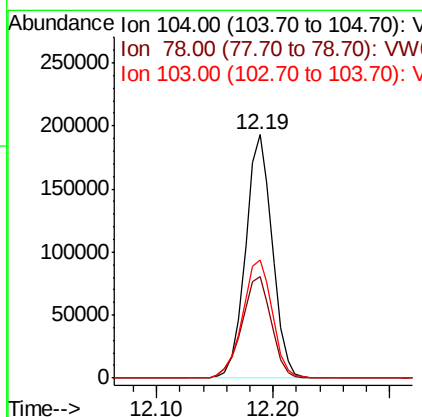
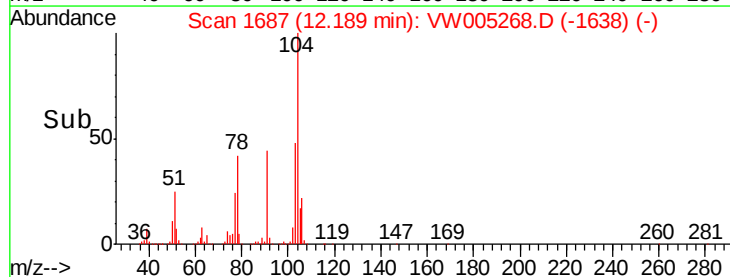
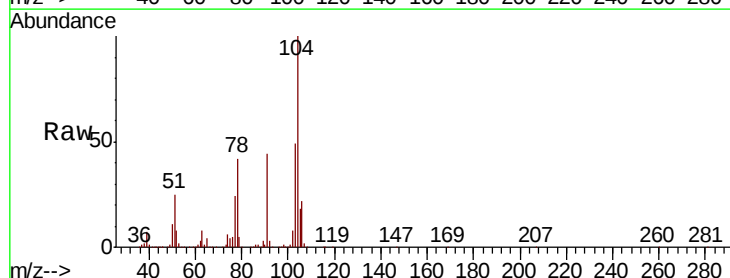
Manual Integrations
APPROVED

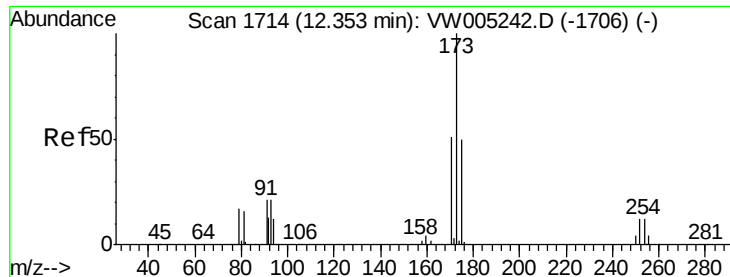
apatel
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#70
Styrene
Concen: 21.52 ug/l
RT: 12.19 min Scan# 1687
Delta R.T. -0.00 min
Lab File: VW005268.D
Acq: 11 Sep 2018 12:04

Tgt Ion:104 Resp: 308896
Ion Ratio Lower Upper
104 100
78 46.3 37.4 56.2
103 54.2 44.1 66.1





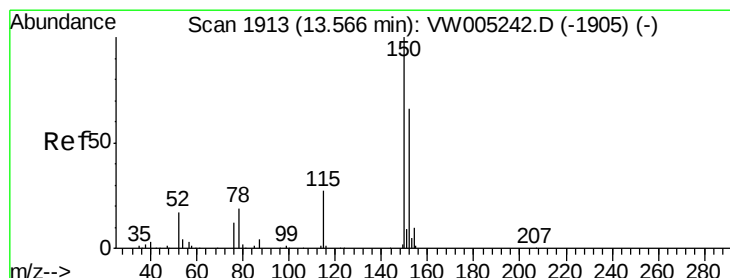
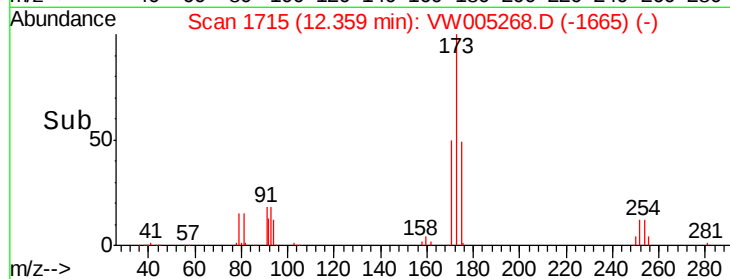
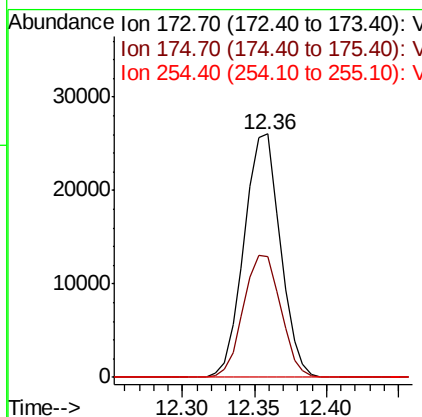
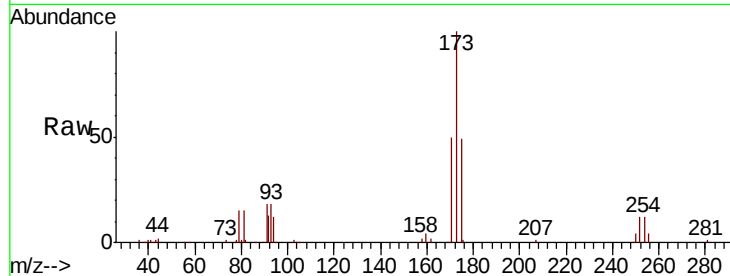
#71
Bromoform
Concen: 20.82 ug/l
RT: 12.36 min Scan# 1715
Delta R.T. 0.01 min
Lab File: VW005268.D
Acq: 11 Sep 2018 12:04

Instrument :
MSVOA_W
ClientSampleId :
VW0911SBSD01

Tot Ion	Ratio	Lower	Upper
173	100		
175	51.7	24.9	74.6
254	0.0	0.1	0.1#

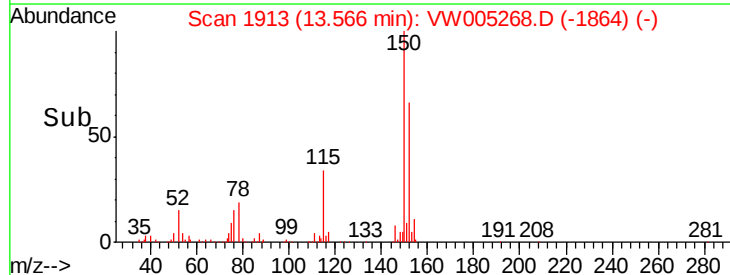
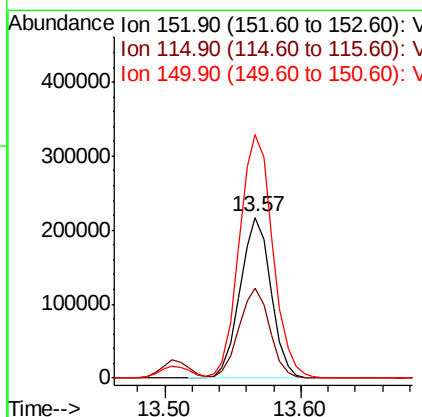
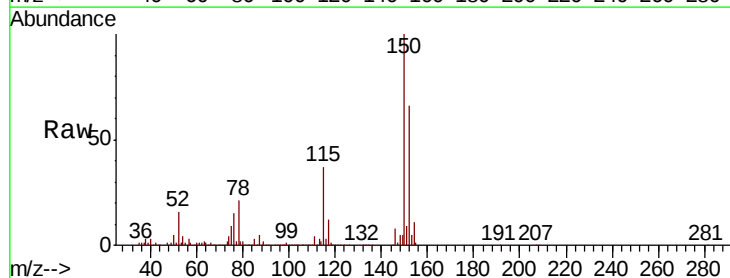
Manual Integrations
APPROVED

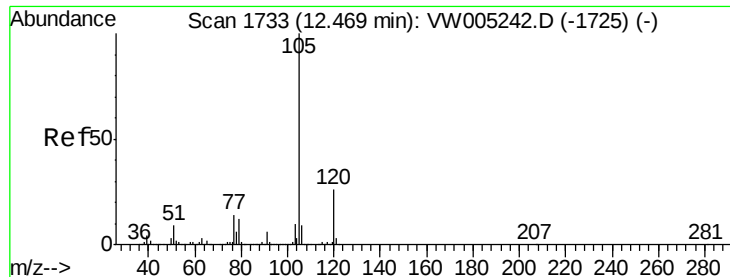
apatel
9/12/2018 10:29:17 AM



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.57 min Scan# 1913
Delta R.T. -0.00 min
Lab File: VW005268.D
Acq: 11 Sep 2018 12:04

Tgt Ion	Ratio	Lower	Upper
152	100		
115	55.7	27.5	82.4
150	163.6	0.0	347.4





#73

Isopropylbenzene

Concen: 21.01 ug/l

RT: 12.48 min Scan# 1734

Delta R.T. 0.01 min

Lab File: VW005268.D

Acq: 11 Sep 2018 12:04

Instrument :

MSVOA_W

ClientSampled :

VW0911SBSD01

Tot Ion: 105 Resp: 510274

Ion Ratio Lower Upper

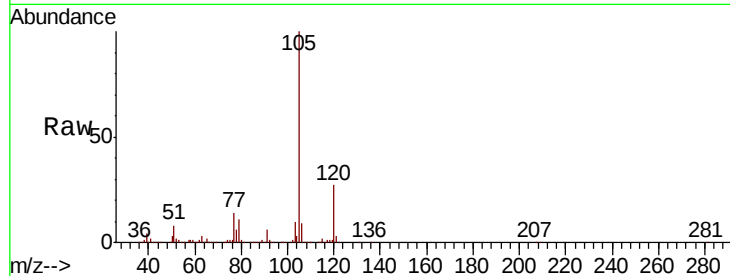
105 100

120 26.9 13.4 40.1

Manual Integrations
APPROVED

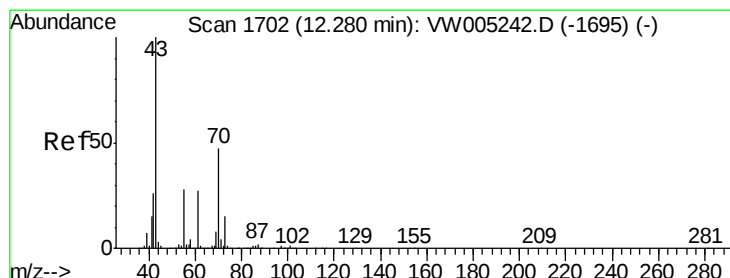
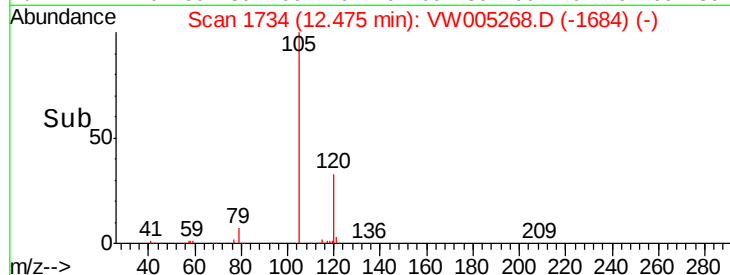
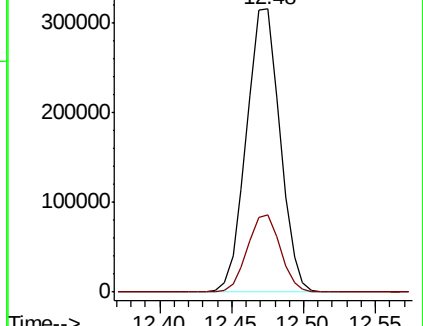
apatel

9/12/2018 10:29:17 AM



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 19.54 ug/l

RT: 12.28 min Scan# 1702

Delta R.T. -0.00 min

Lab File: VW005268.D

Acq: 11 Sep 2018 12:04

Tgt Ion: 43 Resp: 90333

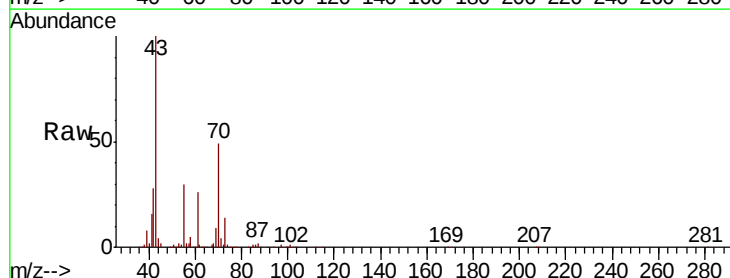
Ion Ratio Lower Upper

43 100

70 48.6 37.9 56.9

55 30.4 22.6 33.8

61 26.4 20.9 31.3

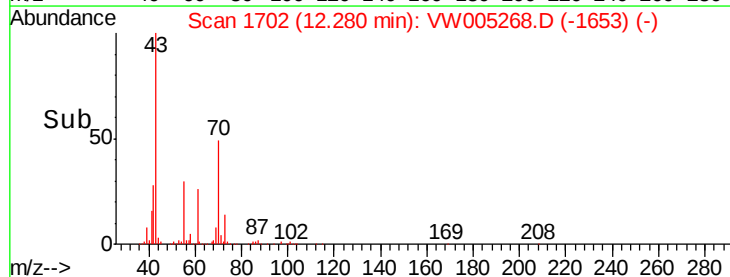
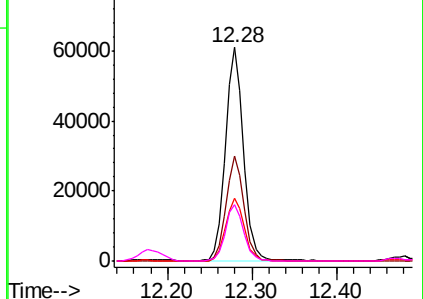


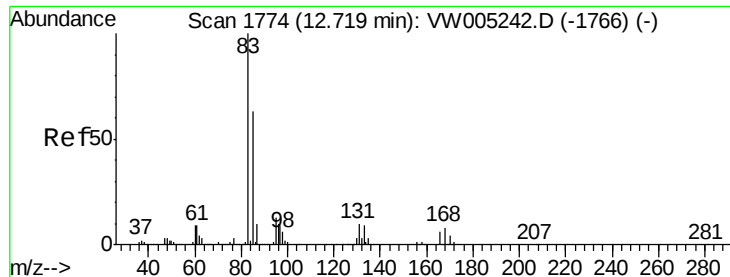
Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 70.00 (69.70 to 70.70): VW

Ion 55.00 (54.70 to 55.70): VW

Ion 61.00 (60.70 to 61.70): VW





#75

1,1,2,2-Tetrachloroethane

Concen: 21.21 ug/l

RT: 12.72 min Scan# 1774

Delta R.T. -0.00 min

Lab File: VW005268.D

Acq: 11 Sep 2018 12:04

Instrument :

MSVOA_W

ClientSampleId :

VW0911SBSD01

Tot Ion: 83 Resp: 77432

Ion Ratio Lower Upper

83 100

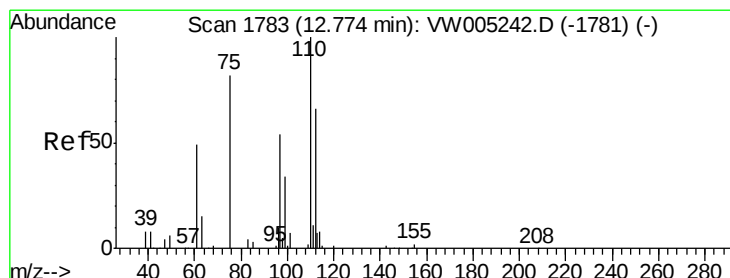
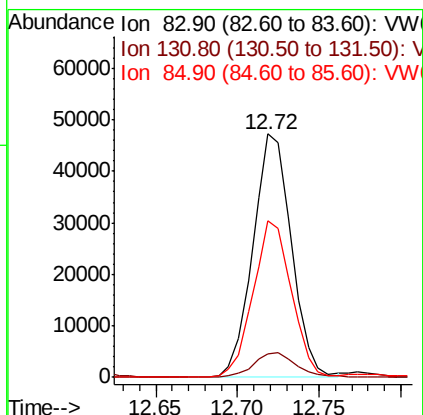
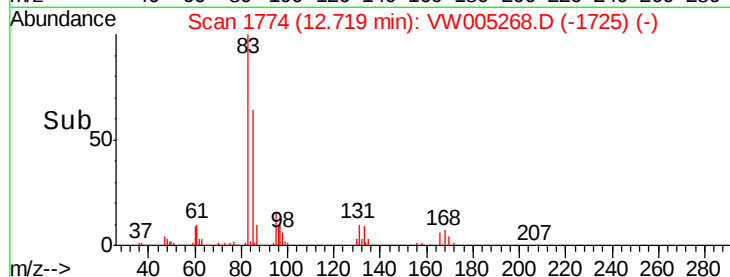
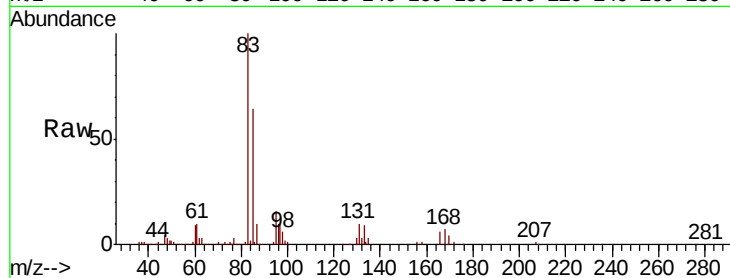
131 11.0 5.5 16.4

85 64.0 31.6 95.0

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#76

1,2,3-Trichloropropane

Concen: 20.55 ug/l m

RT: 12.77 min Scan# 1783

Delta R.T. -0.00 min

Lab File: VW005268.D

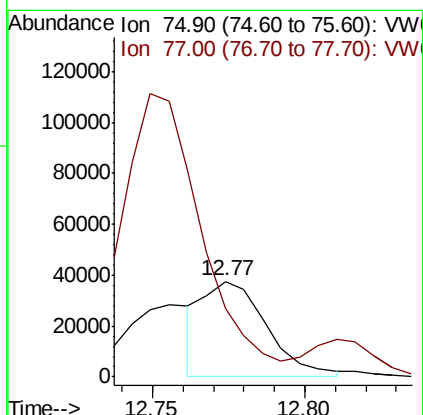
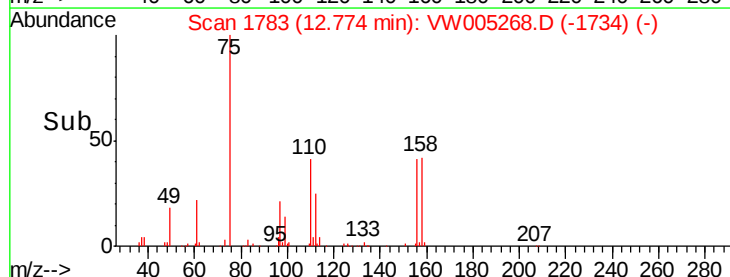
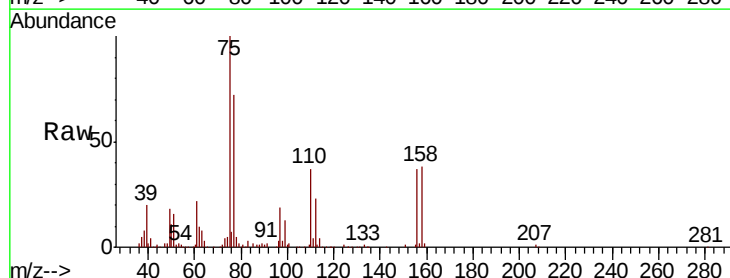
Acq: 11 Sep 2018 12:04

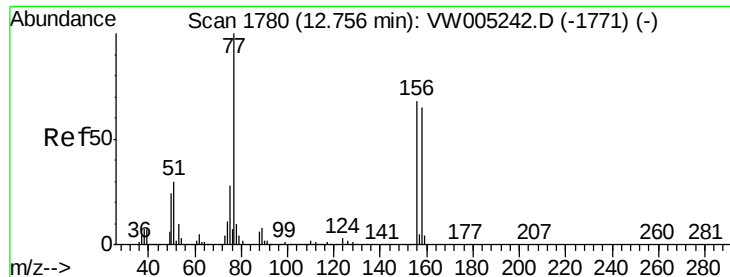
Tgt Ion: 75 Resp: 54333

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





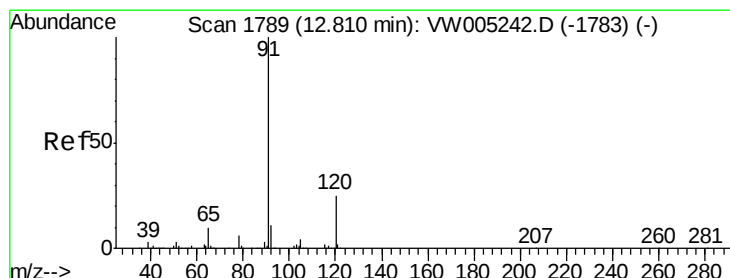
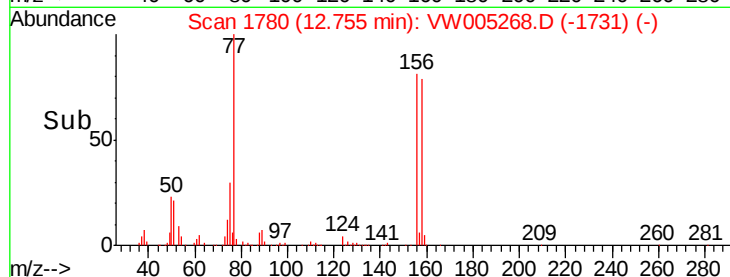
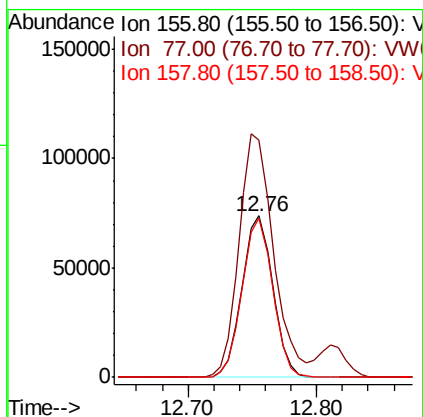
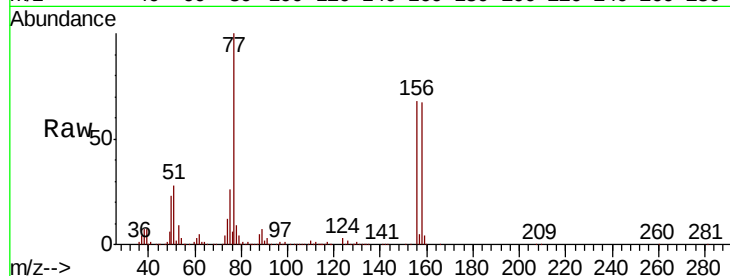
#77
Bromobenzene
Concen: 21.29 ug/l
RT: 12.76 min Scan# 1780
Delta R.T. -0.00 min
Lab File: VW005268.D
Acq: 11 Sep 2018 12:04

Instrument :
MSVOA_W
ClientSampleId :
VW0911SBSD01

Tot Ion	Ratio	Lower	Upper
156	100		
77	169.1	86.3	258.8
158	97.9	48.6	145.8

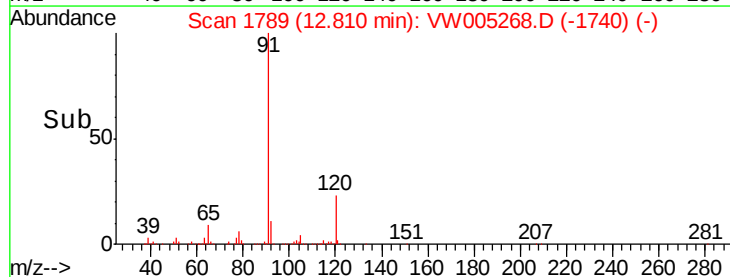
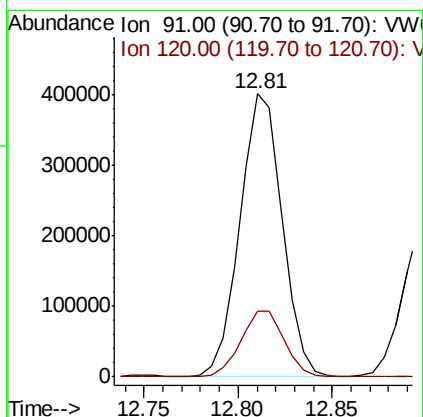
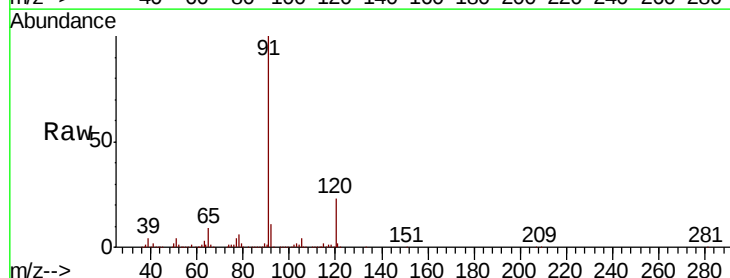
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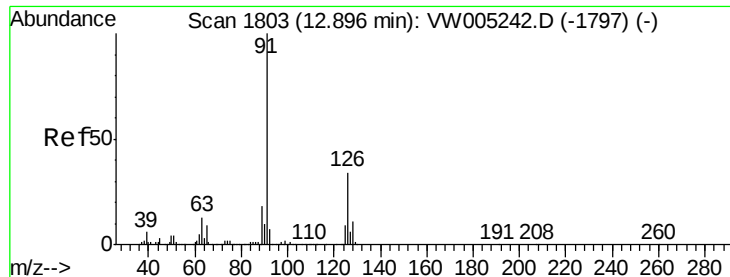
apatel
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#78
n-propylbenzene
Concen: 21.31 ug/l
RT: 12.81 min Scan# 1789
Delta R.T. -0.00 min
Lab File: VW005268.D
Acq: 11 Sep 2018 12:04

Tgt Ion	Ratio	Lower	Upper
91	100		
120	24.1	12.0	36.0





#79

2-Chlorotoluene

Concen: 21.24 ug/l

RT: 12.90 min Scan# 1804

Delta R.T. 0.01 min

Lab File: VW005268.D

Acq: 11 Sep 2018 12:04

Instrument :

MSVOA_W

ClientSampled :

VW0911SBSD01

Tot Ion: 91 Resp: 355430

Ion Ratio Lower Upper

91 100

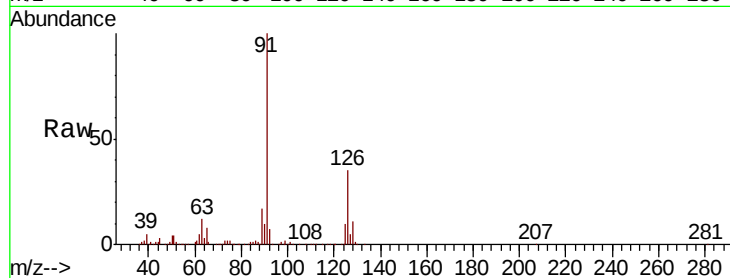
126 34.4 17.2 51.5

Manual Integrations

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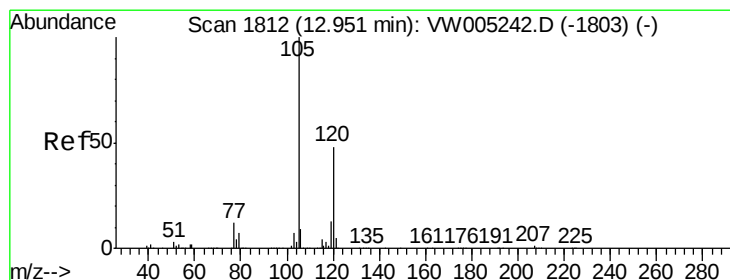
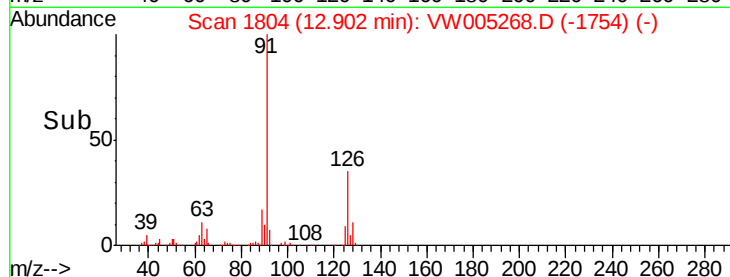
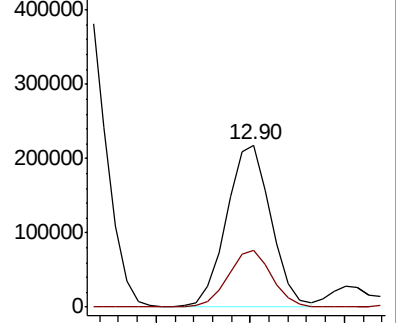
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Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 125.90 (125.60 to 126.60): V



#80

1,3,5-Trimethylbenzene

Concen: 21.38 ug/l

RT: 12.95 min Scan# 1812

Delta R.T. -0.00 min

Lab File: VW005268.D

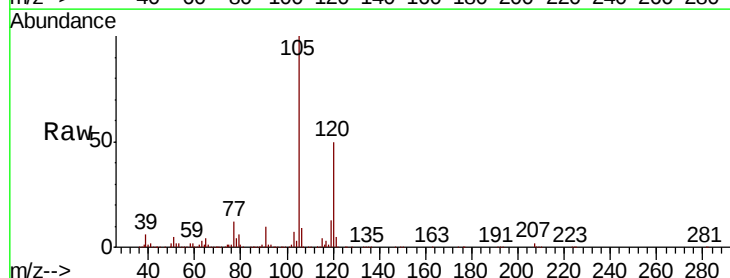
Acq: 11 Sep 2018 12:04

Tgt Ion:105 Resp: 442282

Ion Ratio Lower Upper

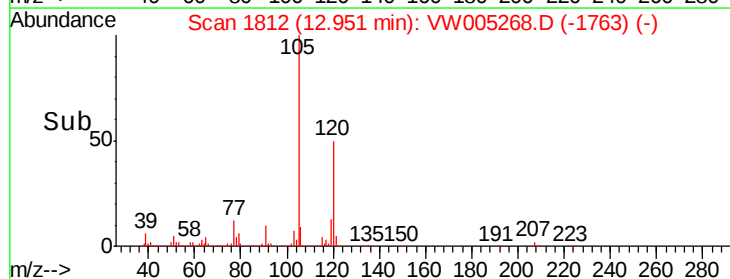
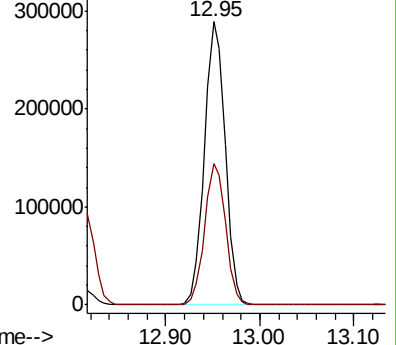
105 100

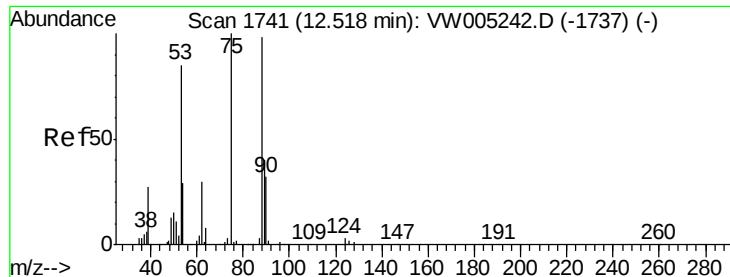
120 50.4 24.4 73.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





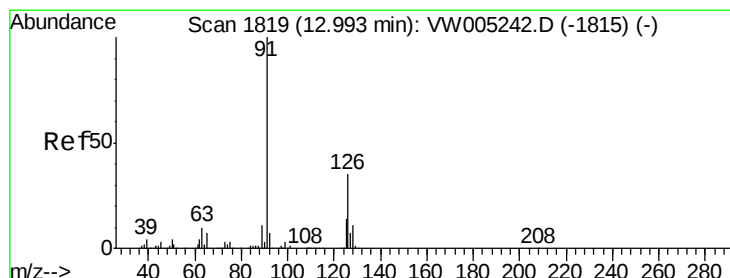
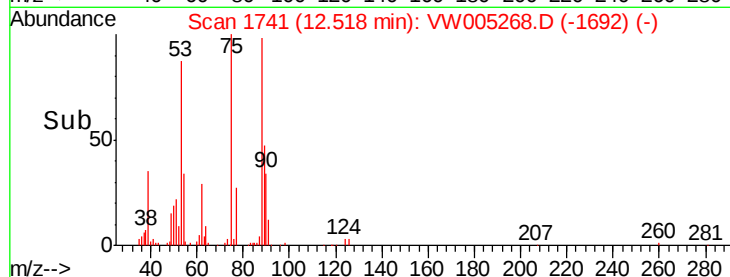
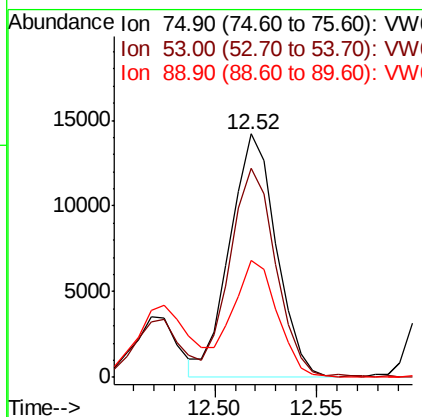
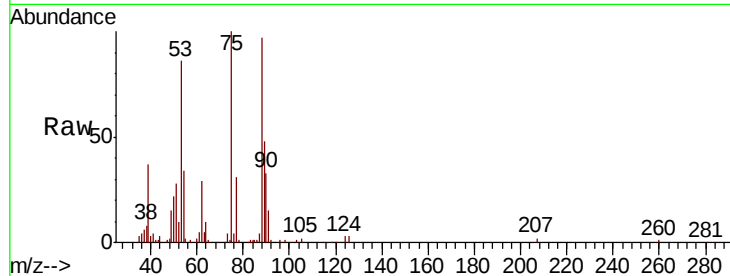
#81
trans-1,4-Dichloro-2-butene
Concen: 19.95 ug/l
RT: 12.52 min Scan# 1741
Delta R.T. -0.00 min
Lab File: VW005268.D
Acq: 11 Sep 2018 12:04

Instrument :
MSVOA_W
ClientSampleId :
VW0911SBSD01

Tot Ion	Ratio	Lower	Upper
75	100		
53	85.2	67.0	100.6
89	44.8	37.0	55.4

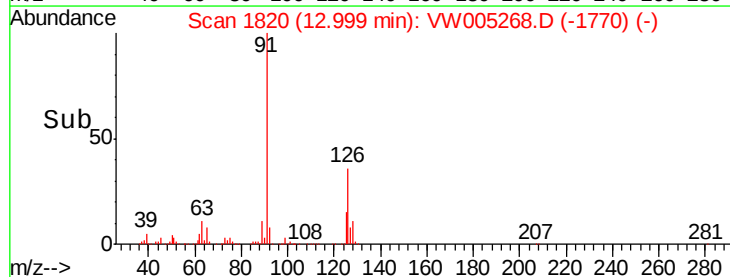
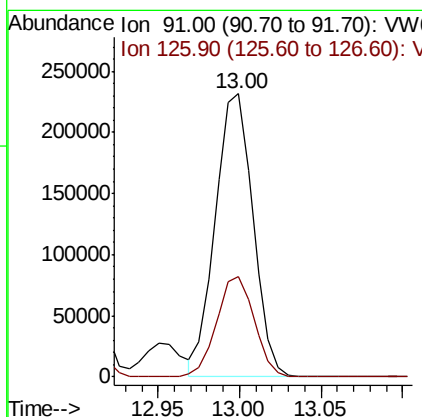
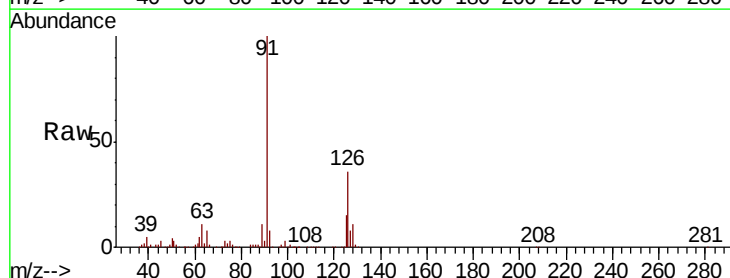
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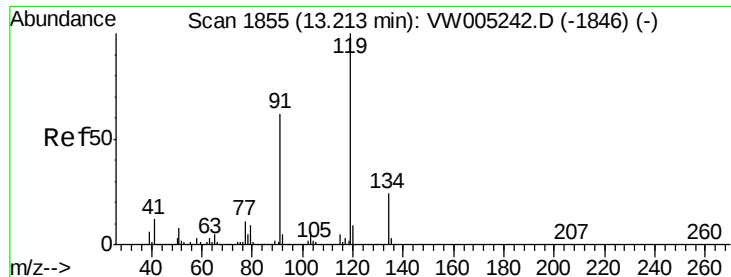
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#82
4-Chlorotoluene
Concen: 21.20 ug/l
RT: 13.00 min Scan# 1820
Delta R.T. 0.01 min
Lab File: VW005268.D
Acq: 11 Sep 2018 12:04

Tgt Ion	Ratio	Lower	Upper
91	100		
126	35.5	17.5	52.5





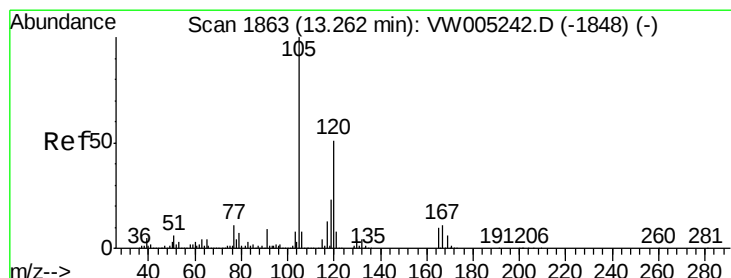
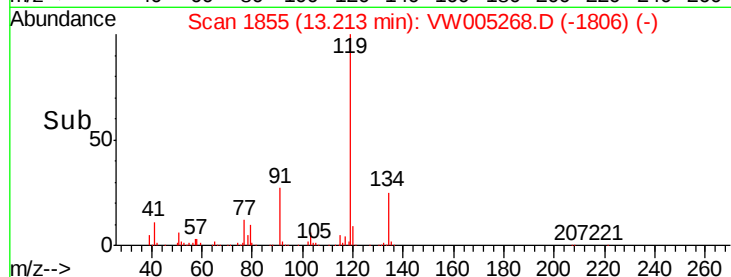
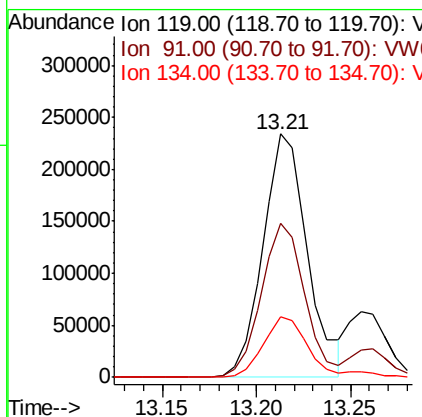
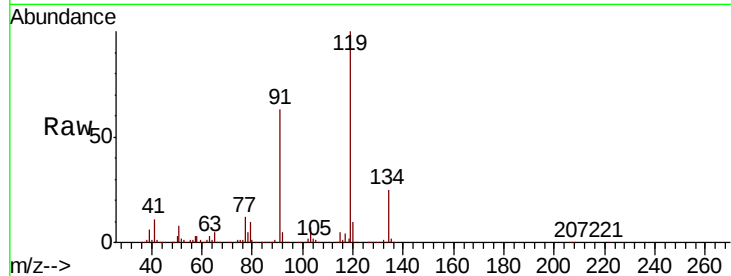
#83
tert-Butylbenzene
Concen: 21.23 ug/l
RT: 13.21 min Scan# 1855
Delta R.T. -0.00 min
Lab File: VW005268.D
Acq: 11 Sep 2018 12:04

Instrument :
MSVOA_W
ClientSampleId :
VW0911SBSD01

Tot Ion	Ratio	Lower	Upper
119	100		
91	61.5	31.7	95.1
134	25.8	13.0	38.9

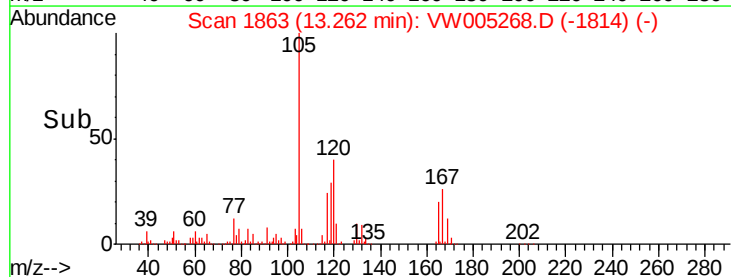
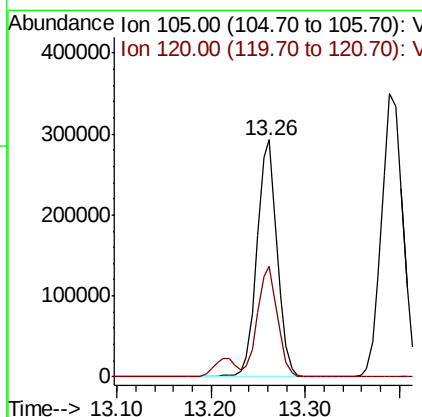
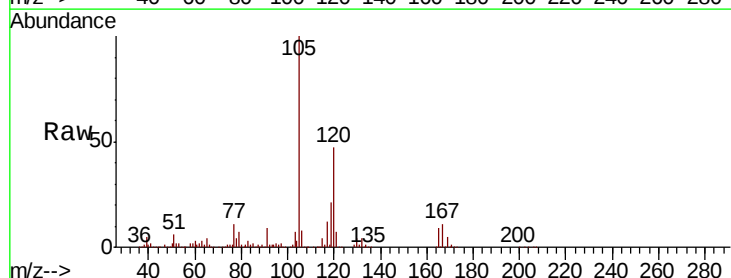
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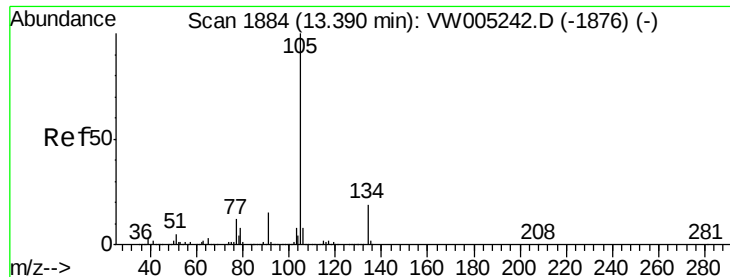
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#84
1,2,4-Trimethylbenzene
Concen: 21.39 ug/l
RT: 13.26 min Scan# 1863
Delta R.T. -0.00 min
Lab File: VW005268.D
Acq: 11 Sep 2018 12:04

Tgt Ion	Ratio	Lower	Upper
105	100		
120	46.5	23.4	70.3





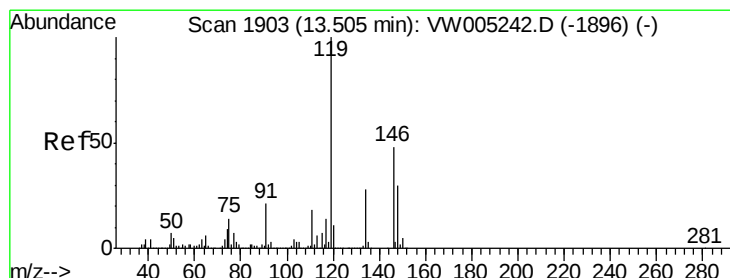
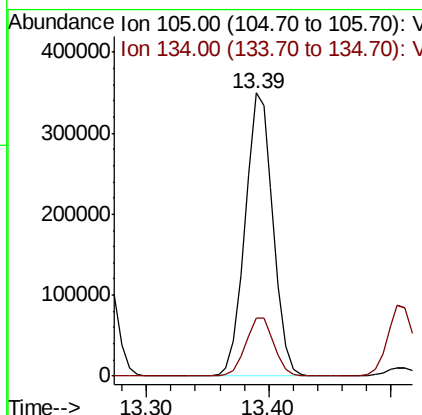
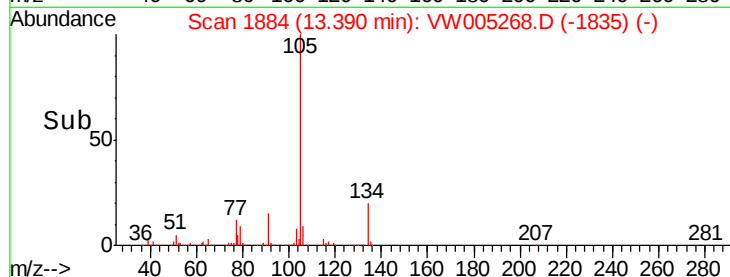
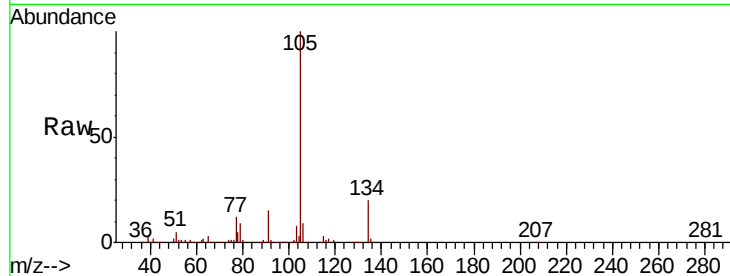
#85
 sec-Butylbenzene
 Concen: 21.23 ug/l
 RT: 13.39 min Scan# 1884
 Delta R.T. -0.00 min
 Lab File: VW005268.D
 Acq: 11 Sep 2018 12:04

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0911SBSD01

Tot Ion	Ratio	Lower	Upper
105	100		
134	21.0	9.9	29.7

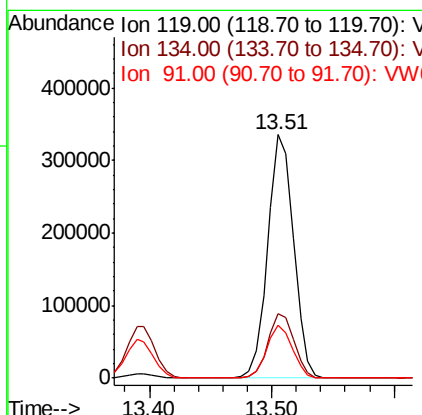
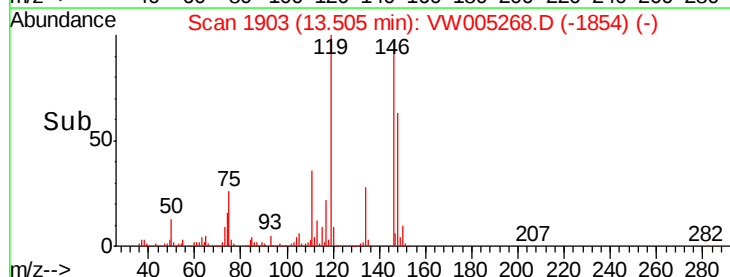
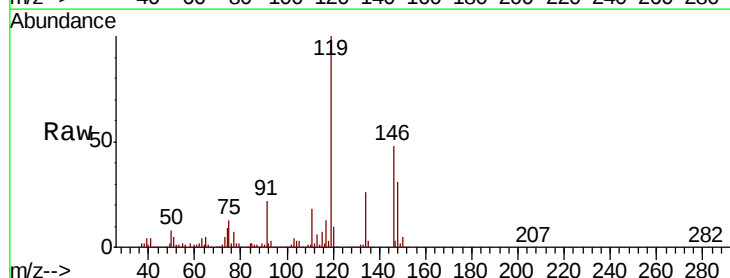
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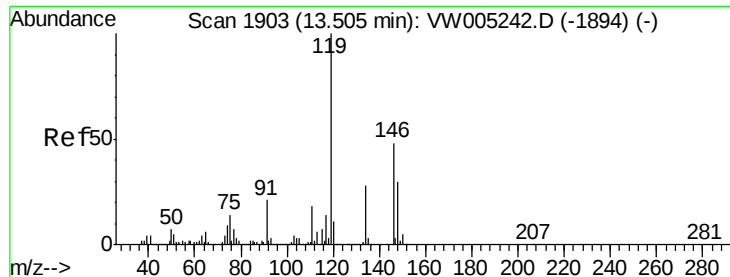
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#86
 p-Isopropyltoluene
 Concen: 21.44 ug/l
 RT: 13.51 min Scan# 1903
 Delta R.T. -0.00 min
 Lab File: VW005268.D
 Acq: 11 Sep 2018 12:04

Tgt Ion	Ratio	Lower	Upper
119	100		
134	26.5	13.2	39.5
91	21.4	10.7	32.1





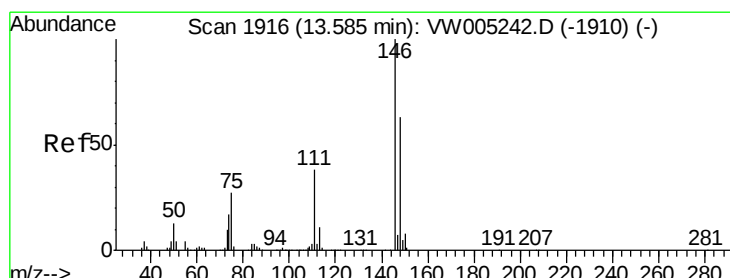
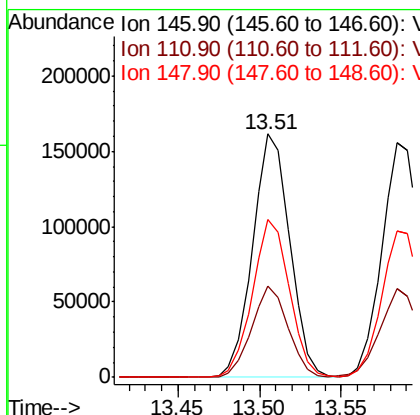
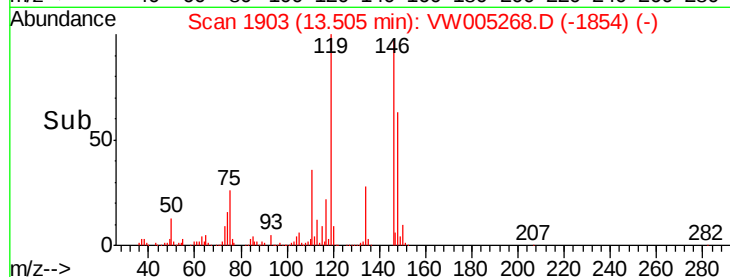
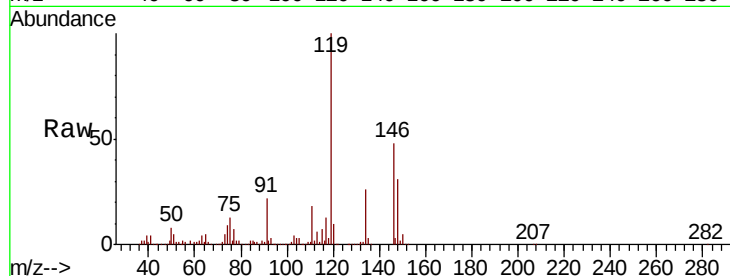
#87
 1,3-Dichlorobenzene
 Concen: 21.35 ug/l
 RT: 13.51 min Scan# 1903
 Delta R.T. -0.00 min
 Lab File: VW005268.D
 Acq: 11 Sep 2018 12:04

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0911SBSD01

Tot Ion	Ratio	Resp	Lower	Upper
146	100	256618		
111	36.8	18.8	56.3	
148	64.3	31.6	94.8	

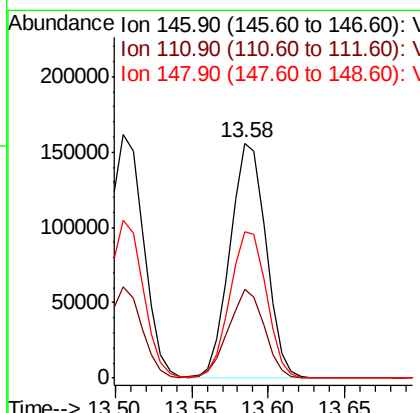
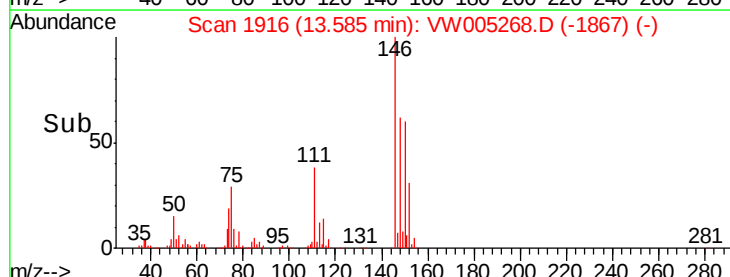
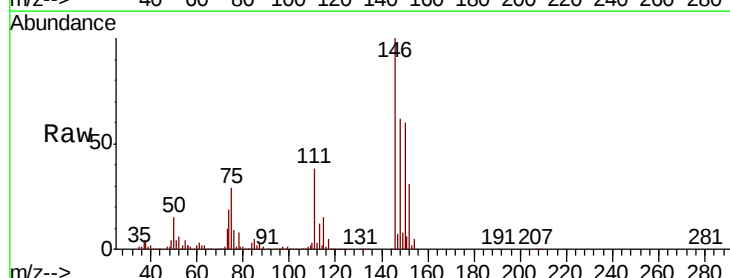
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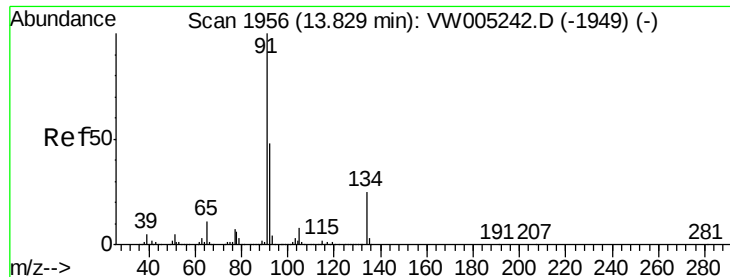
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#88
 1,4-Dichlorobenzene
 Concen: 21.59 ug/l
 RT: 13.58 min Scan# 1916
 Delta R.T. -0.00 min
 Lab File: VW005268.D
 Acq: 11 Sep 2018 12:04

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	254834		
111	38.0	19.1	57.3	
148	63.6	32.3	96.9	





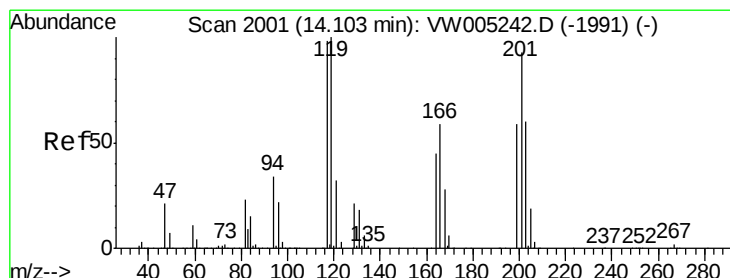
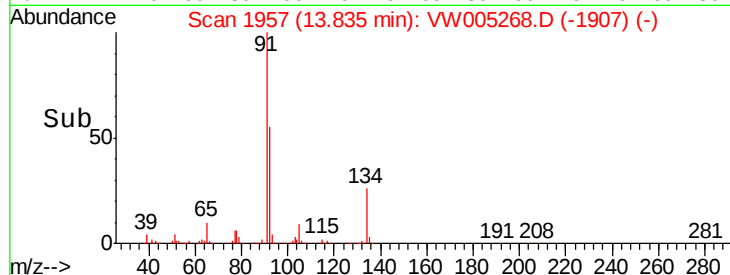
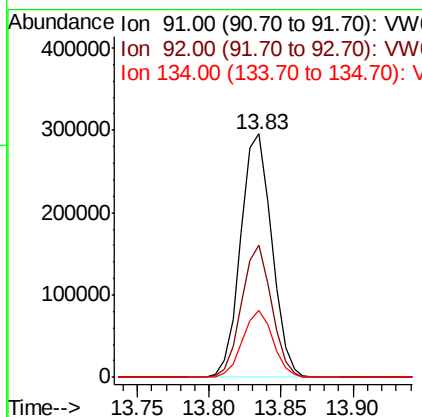
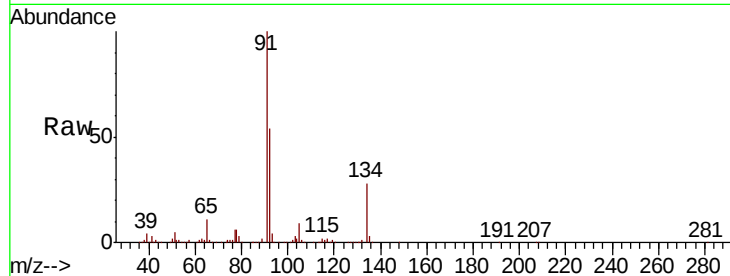
#89
n-Butylbenzene
Concen: 20.53 ug/l
RT: 13.83 min Scan# 1957
Delta R.T. 0.01 min
Lab File: VW005268.D
Acq: 11 Sep 2018 12:04

Instrument :
MSVOA_W
ClientSampleId :
VW0911SBSD01

Tot Ion	Ratio	Lower	Upper
91	100		
92	52.5	25.8	77.3
134	26.8	13.6	40.8

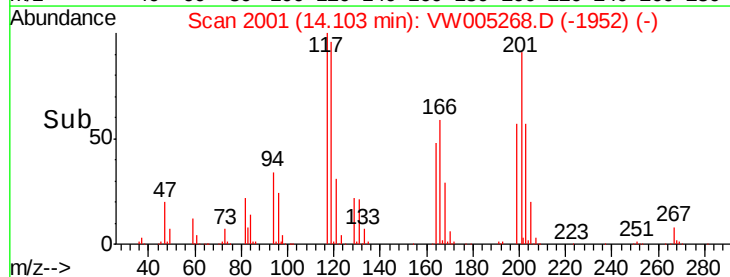
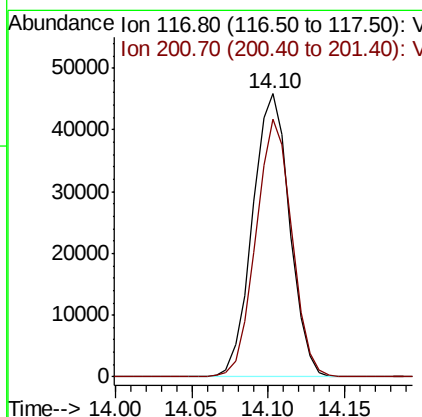
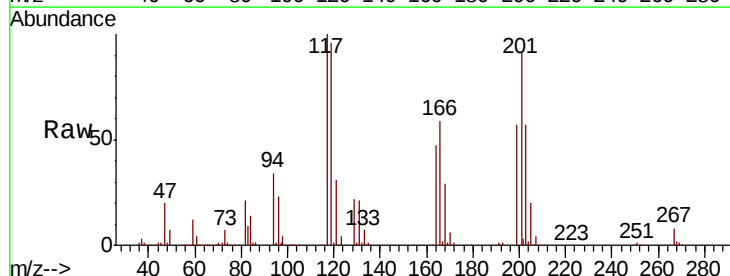
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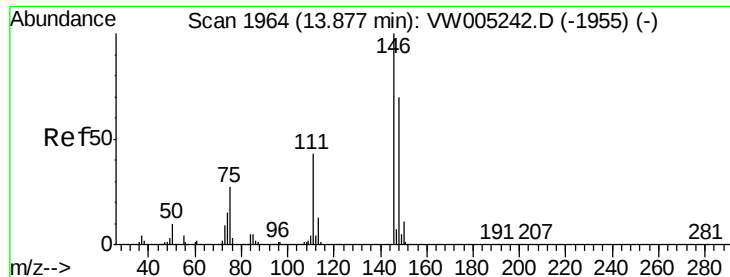
apatel
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#90
Hexachloroethane
Concen: 21.04 ug/l
RT: 14.10 min Scan# 2001
Delta R.T. -0.00 min
Lab File: VW005268.D
Acq: 11 Sep 2018 12:04

Tgt Ion	Ratio	Lower	Upper
117	100		
201	88.1	44.0	132.1





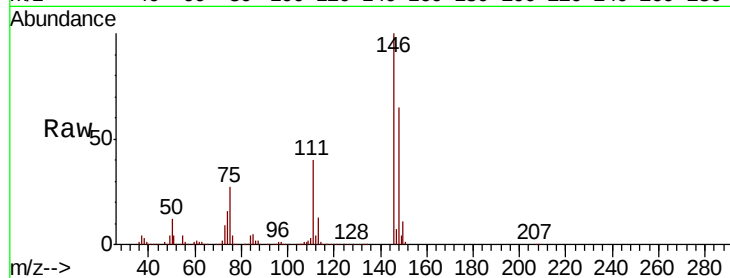
#91
 1,2-Dichlorobenzene
 Concen: 21.21 ug/l
 RT: 13.88 min Scan# 1964
 Delta R.T. -0.00 min
 Lab File: VW005268.D
 Acq: 11 Sep 2018 12:04

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0911SBSD01

Tot Ion	Ratio	Resp	Lower	Upper
146	100	224075		
111	39.5		20.5	61.5
148	64.0		32.7	98.1

Manual Integrations
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 9/12/2018 10:29:17 AM

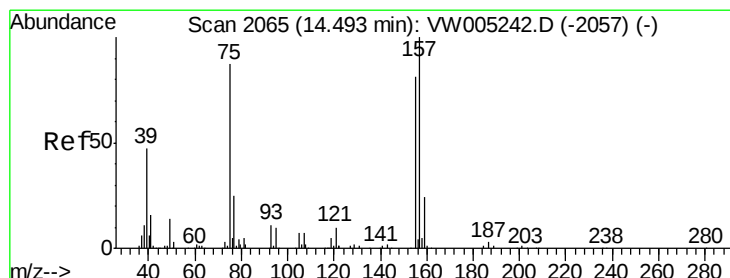
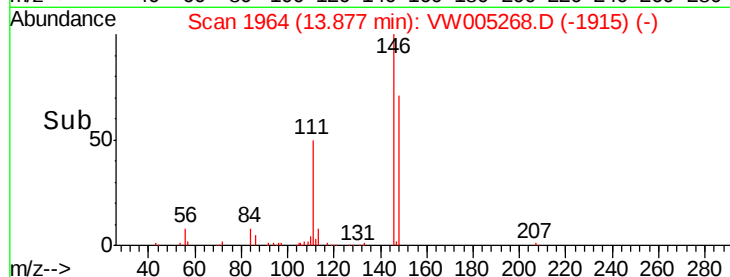
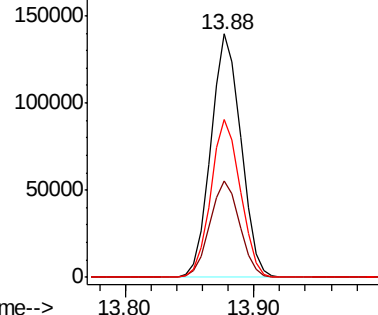


Abundance

Ion 145.90 (145.60 to 146.60): V

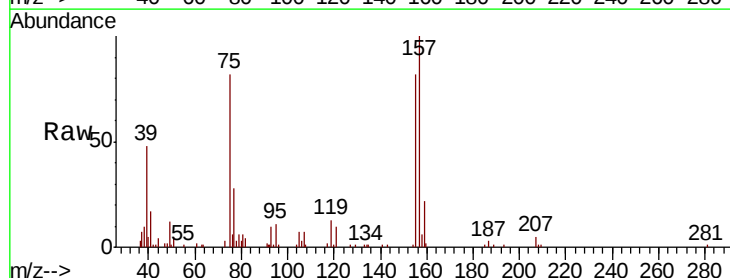
Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 19.64 ug/l
 RT: 14.49 min Scan# 2065
 Delta R.T. -0.00 min
 Lab File: VW005268.D
 Acq: 11 Sep 2018 12:04

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	11922		
155	98.6		47.4	142.2
157	119.9		59.4	178.2

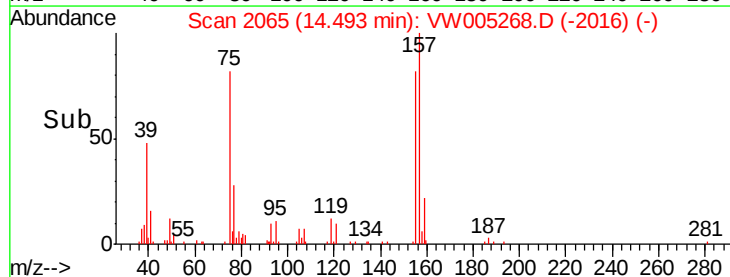
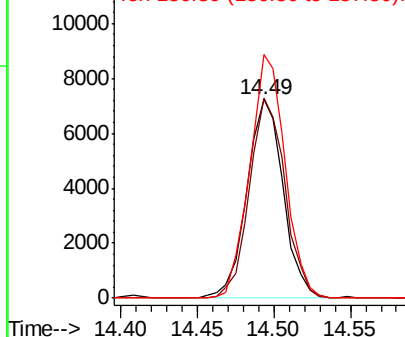


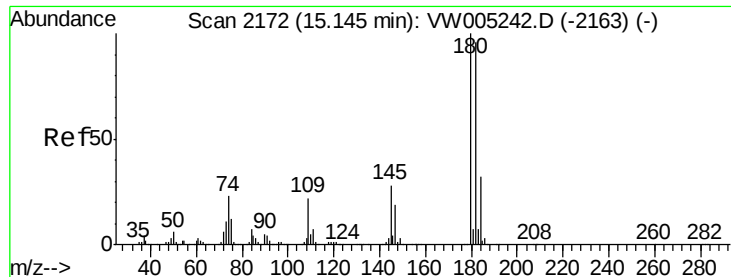
Abundance

Ion 74.90 (74.60 to 75.60): VW

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V





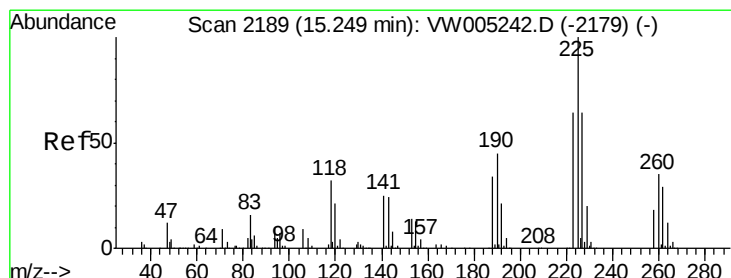
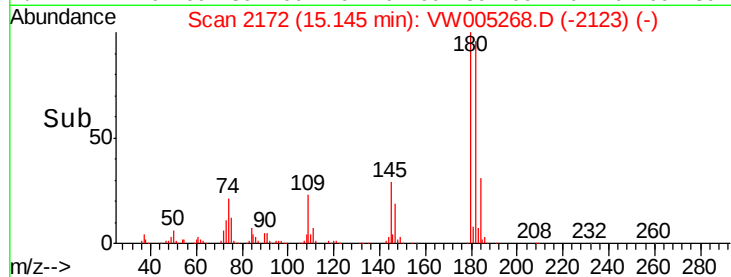
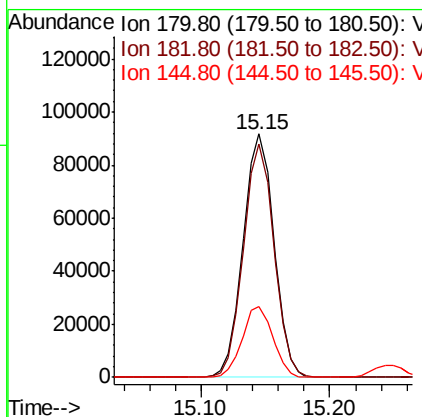
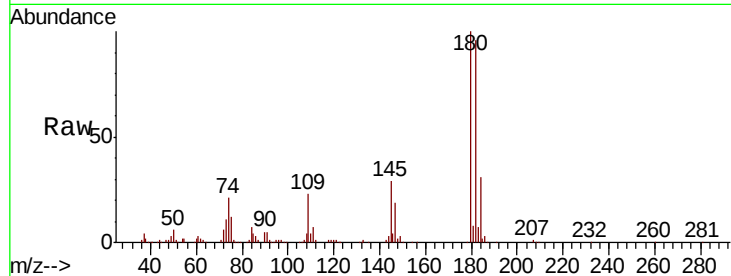
#93
 1,2,4-Trichlorobenzene
 Concen: 20.29 ug/l
 RT: 15.15 min Scan# 2172
 Delta R.T. -0.00 min
 Lab File: VW005268.D
 Acq: 11 Sep 2018 12:04

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0911SBSD01

Tot Ion	Ratio	Resp	Lower	Upper
180	100	151626		
182	94.7	48.1	144.4	
145	29.0	14.5	43.6	

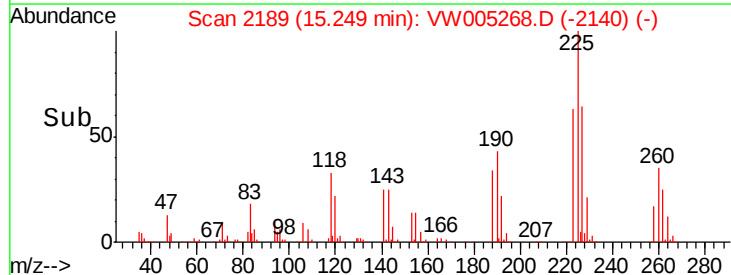
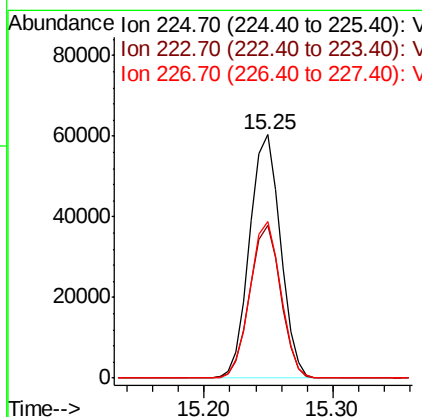
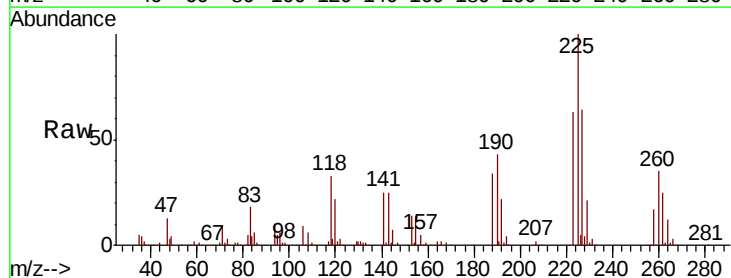
Manual Integrations
 APPROVED

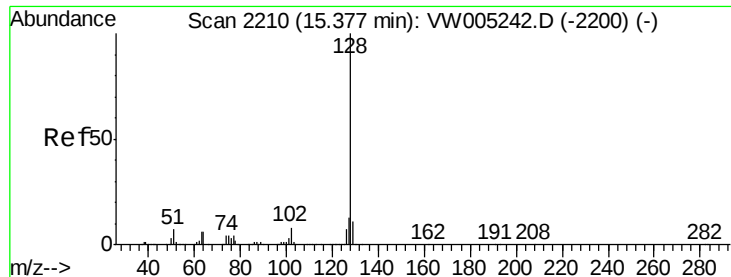
apatel
 9/12/2018 10:29:17 AM



#94
 Hexachlorobutadiene
 Concen: 20.92 ug/l
 RT: 15.25 min Scan# 2189
 Delta R.T. -0.00 min
 Lab File: VW005268.D
 Acq: 11 Sep 2018 12:04

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	100074		
223	62.4	31.4	94.2	
227	64.1	32.0	96.0	





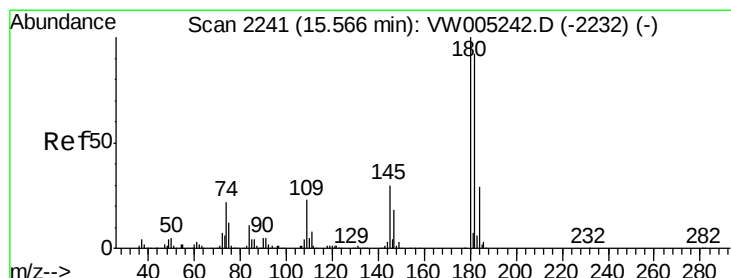
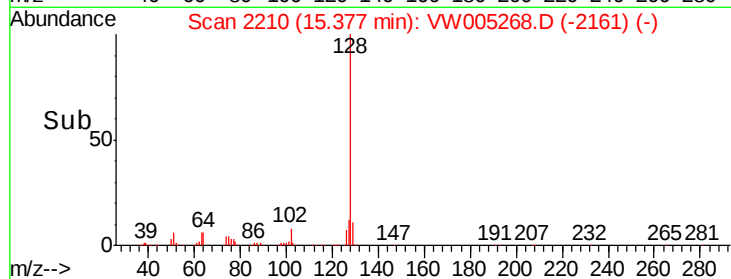
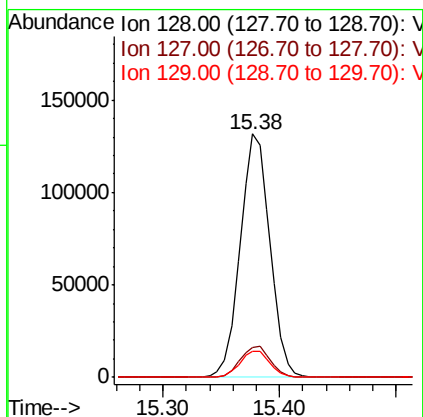
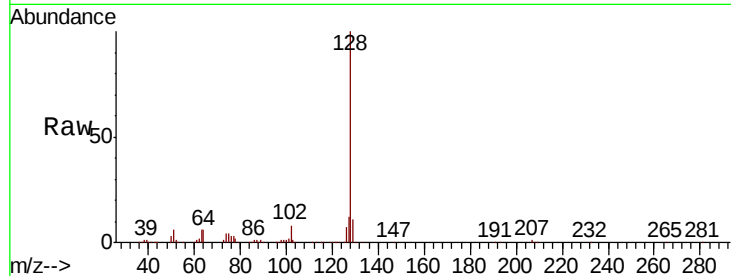
#95
Naphthalene
Concen: 19.33 ug/l
RT: 15.38 min Scan# 2210
Delta R.T. -0.00 min
Lab File: VW005268.D
Acq: 11 Sep 2018 12:04

Instrument :
MSVOA_W
ClientSampleId :
VW0911SBSD01

Tot Ion	Ratio	Resp	Lower	Upper
128	100	234129		
127	12.9	10.3	15.5	
129	11.0	8.8	13.2	

Manual Integrations
APPROVED

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#96
1,2,3-Trichlorobenzene
Concen: 20.53 ug/l
RT: 15.57 min Scan# 2241
Delta R.T. -0.00 min
Lab File: VW005268.D
Acq: 11 Sep 2018 12:04

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	132020		
182	95.1	47.2	141.6	
145	30.2	15.2	45.6	

