

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW091118\
 Data File : VW005316.D
 Acq On : 12 Sep 2018 10:38
 Operator : SY/AP
 Sample : VW0911SBSD02
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 58 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0911SBSD02

Manual Integrations
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 9/12/2018 2:20:55 PM

Quant Time: Sep 12 11:59:54 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	7.95	168	544431	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	785976	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	771263	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	408979	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	231598	57.03	ug/l	0.00
Spiked Amount	50.000		Recovery	=	114.06%	
35) Dibromofluoromethane	7.89	113	230330	55.94	ug/l	0.00
Spiked Amount	50.000		Recovery	=	111.88%	
50) Toluene-d8	10.33	98	1099842	52.86	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.72%	
62) 4-Bromofluorobenzene	12.62	95	401708	52.79	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.58%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.00	85	106781	22.74	ug/l	100
3) Chloromethane	2.21	50	143130	22.80	ug/l	99
4) Vinyl Chloride	2.35	62	130602	22.66	ug/l	95
5) Bromomethane	2.73	94	98852	26.89	ug/l	97
6) Chloroethane	2.90	64	70648	22.25	ug/l	99
7) Trichlorofluoromethane	3.25	101	146678	22.49	ug/l	97
8) Diethyl Ether	3.68	74	54388	23.40	ug/l	95
9) 1,1,2-Trichlorotrifluoroet	4.06	101	100427	21.56	ug/l	97
10) Methyl Iodide	4.27	142	56183	12.39	ug/l	99
11) Tert butyl alcohol	5.16	59	47521	142.70	ug/l	95
12) 1,1-Dichloroethene	4.03	96	95203	22.20	ug/l	99
13) Acrolein	3.89	56	38429	119.47	ug/l	100
14) Allyl chloride	4.67	41	146777	22.27	ug/l	98
15) Acrylonitrile	5.37	53	126549	120.70	ug/l	99
16) Acetone	4.12	43	97199	128.96	ug/l	99
17) Carbon Disulfide	4.37	76	335999	22.32	ug/l	99
18) Methyl Acetate	4.67	43	53794	23.91	ug/l	98
19) Methyl tert-butyl Ether	5.43	73	240687	23.56	ug/l	98
20) Methylene Chloride	4.92	84	133670	22.02	ug/l	98
21) trans-1,2-Dichloroethene	5.43	96	109596	21.89	ug/l	95
22) Diisopropyl ether	6.32	45	321752	24.25	ug/l	97
23) Vinyl Acetate	6.26	43	897257	121.36	ug/l	99
24) 1,1-Dichloroethane	6.22	63	183875	22.52	ug/l	97
25) 2-Butanone	7.17	43	154072	129.59	ug/l	95
26) 2,2-Dichloropropane	7.17	77	155923	22.02	ug/l	98
27) cis-1,2-Dichloroethene	7.17	96	119432	22.29	ug/l	97
28) Bromochloromethane	7.52	49	68672	22.79	ug/l #	96
29) Tetrahydrofuran	7.53	42	99547	124.25	ug/l	98
30) Chloroform	7.68	83	181825	22.19	ug/l	99
31) Cyclohexane	7.96	56	190429	21.92	ug/l	97
32) 1,1,1-Trichloroethane	7.88	97	156853	21.19	ug/l	98
36) 1,1-Dichloropropene	8.09	75	156566	21.74	ug/l	100
37) Ethyl Acetate	7.26	43	68948	25.17	ug/l	98
38) Carbon Tetrachloride	8.07	117	140830	20.88	ug/l	96

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Manual Integrations
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Quant Time: Sep 12 11:59:54 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)
39) Methylcyclohexane	9.34	83	196553	20.56	ug/l	99
40) Benzene	8.33	78	469350	22.12	ug/l	99
41) Methacrylonitrile	7.49	41	37635	26.78	ug/l	94
42) 1,2-Dichloroethane	8.40	62	113721	22.41	ug/l	100
43) Isopropyl Acetate	8.43	43	122602	24.10	ug/l	100
44) Trichloroethene	9.10	130	125565	21.57	ug/l	100
45) 1,2-Dichloropropane	9.37	63	115967	22.74	ug/l	96
46) Dibromomethane	9.46	93	54277	21.75	ug/l	97
47) Bromodichloromethane	9.65	83	132174	21.65	ug/l	96
48) Methyl methacrylate	9.44	41	57734	21.86	ug/l	94
49) 1,4-Dioxane	9.45	88	20214	433.77	ug/l	98
51) 4-Methyl-2-Pentanone	10.21	43	334002	116.69	ug/l	98
52) Toluene	10.39	92	322364	20.91	ug/l	99
53) t-1,3-Dichloropropene	10.61	75	142050	21.53	ug/l	99
54) cis-1,3-Dichloropropene	10.08	75	172800	21.87	ug/l	99
55) 1,1,2-Trichloroethane	10.79	97	87990	22.11	ug/l	99
56) Ethyl methacrylate	10.65	69	109767	21.76	ug/l	99
57) 1,3-Dichloropropane	10.94	76	147541	22.33	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.93	63	244064	111.30	ug/l	99
59) 2-Hexanone	10.98	43	243640	118.07	ug/l	97
60) Dibromochloromethane	11.13	129	94783	21.46	ug/l	99
61) 1,2-Dibromoethane	11.24	107	79712	21.84	ug/l	98
64) Tetrachloroethene	10.87	164	116848	20.42	ug/l	97
65) Chlorobenzene	11.66	112	355011	21.01	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.74	131	107454	21.30	ug/l	99
67) Ethyl Benzene	11.74	91	614368	20.88	ug/l	99
68) m/p-Xylenes	11.85	106	492431	41.53	ug/l	99
69) o-Xylene	12.17	106	230339	20.88	ug/l	99
70) Styrene	12.19	104	378661	21.04	ug/l	100
71) Bromoform	12.35	173	57640	21.07	ug/l #	98
73) Isopropylbenzene	12.47	105	608766	21.07	ug/l	99
74) N-amyl acetate	12.28	43	125508	22.83	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.72	83	99633	22.94	ug/l	100
76) 1,2,3-Trichloropropane	12.77	75	67392m	21.42	ug/l	
77) Bromobenzene	12.76	156	148242	21.78	ug/l	98
78) n-propylbenzene	12.81	91	745208	21.47	ug/l	99
79) 2-Chlorotoluene	12.90	91	429750	21.59	ug/l	100
80) 1,3,5-Trimethylbenzene	12.95	105	523912	21.29	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.52	75	28983	21.61	ug/l	94
82) 4-Chlorotoluene	12.99	91	448738	21.45	ug/l	99
83) tert-Butylbenzene	13.21	119	442237	20.55	ug/l	99
84) 1,2,4-Trimethylbenzene	13.26	105	531478	21.49	ug/l	98
85) sec-Butylbenzene	13.39	105	648835	20.98	ug/l	99
86) p-Isopropyltoluene	13.51	119	571009	20.86	ug/l	99
87) 1,3-Dichlorobenzene	13.51	146	299689	20.97	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	298514	21.26	ug/l	99
89) n-Butylbenzene	13.83	91	529686	20.58	ug/l	99
90) Hexachloroethane	14.10	117	89424	20.39	ug/l	99
91) 1,2-Dichlorobenzene	13.88	146	267149	21.26	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	16524	22.88	ug/l	94

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ClientSampleId :
VW0911SBSD02

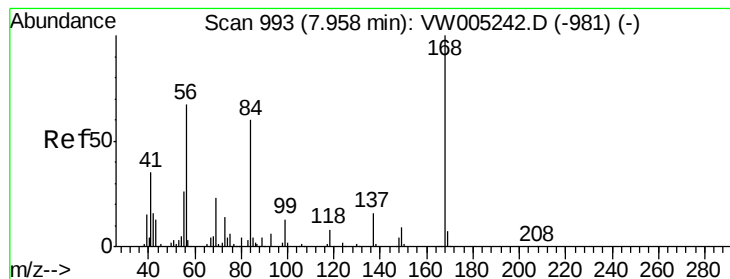
Manual Integrations
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W091018S.M
Quant Title : SW846 8260
QLast Update : Tue Sep 11 03:48:23 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.15	180	176719	19.88	ug/l	98
94) Hexachlorobutadiene	15.25	225	111859	19.65	ug/l	100
95) Naphthalene	15.38	128	288450	20.02	ug/l	100
96) 1,2,3-Trichlorobenzene	15.57	180	151789	19.85	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.01 min

Lab File: VW005316.D

Acq: 12 Sep 2018 10:38

Instrument :

MSVOA_W

ClientSampleId :

VW0911SBSD02

Tot Ion:168 Resp: 544431

Ion Ratio Lower Upper

168 100

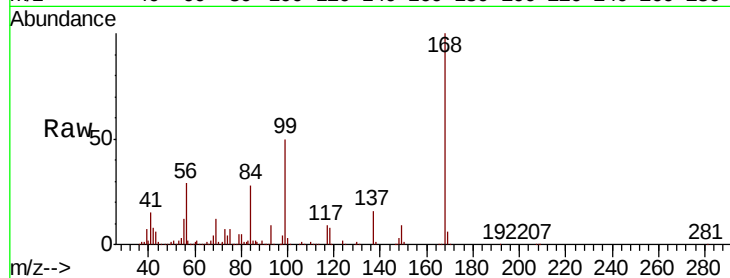
99 49.8 39.1 58.7

Manual Integrations

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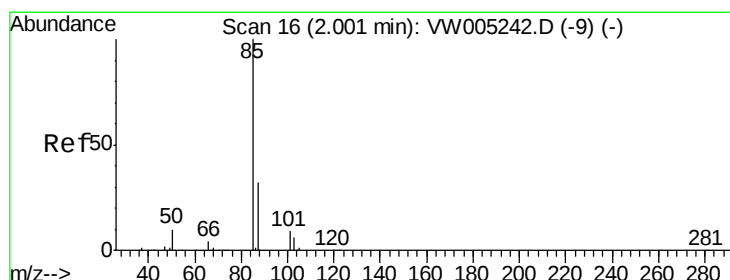
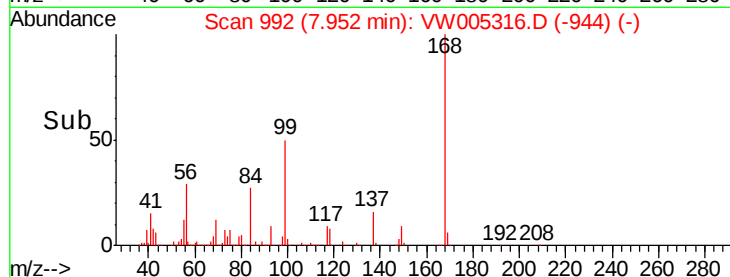
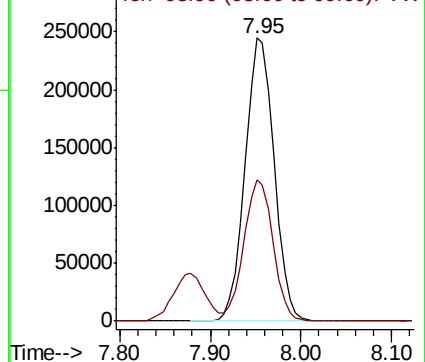
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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#2

Dichlorodifluoromethane

Concen: 22.74 ug/l

RT: 2.00 min Scan# 15

Delta R.T. -0.01 min

Lab File: VW005316.D

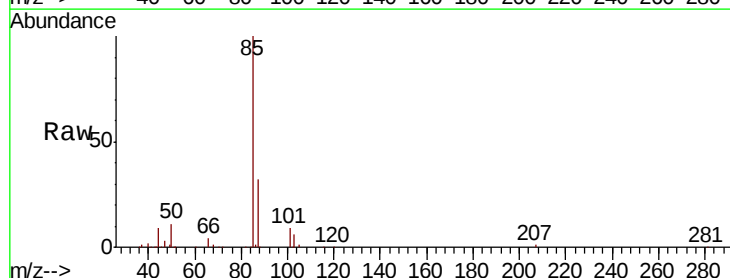
Acq: 12 Sep 2018 10:38

Tgt Ion: 85 Resp: 106781

Ion Ratio Lower Upper

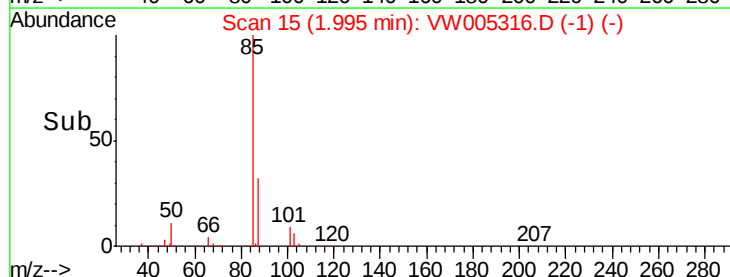
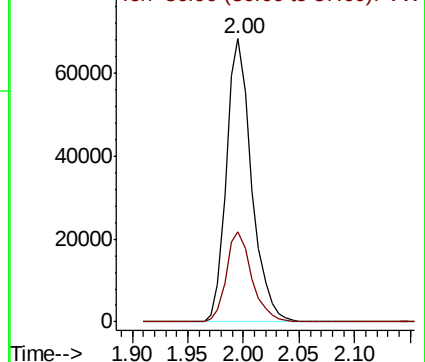
85 100

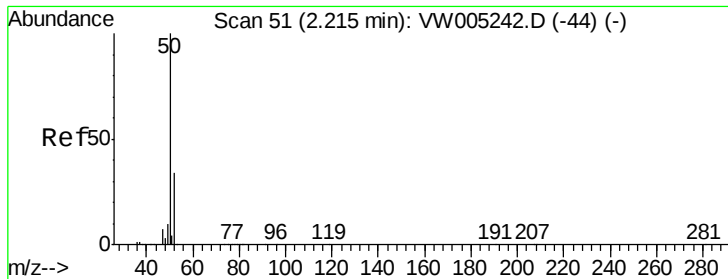
87 31.9 16.0 47.9



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW





#3

Chloromethane

Concen: 22.80 ug/l

RT: 2.21 min Scan# 51

Delta R.T. 0.00 min

Lab File: VW005316.D

Acq: 12 Sep 2018 10:38

Instrument :

MSVOA_W

ClientSampleId :

VW0911SBSD02

Tot Ion: 50 Resp: 143130

Ion Ratio Lower Upper

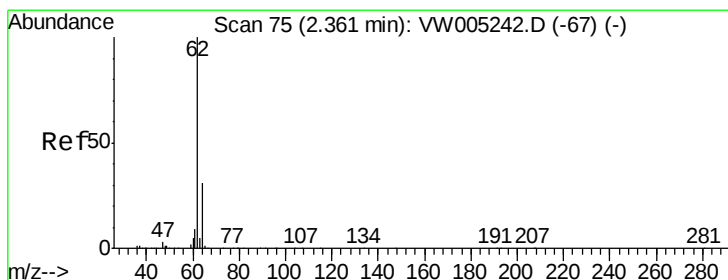
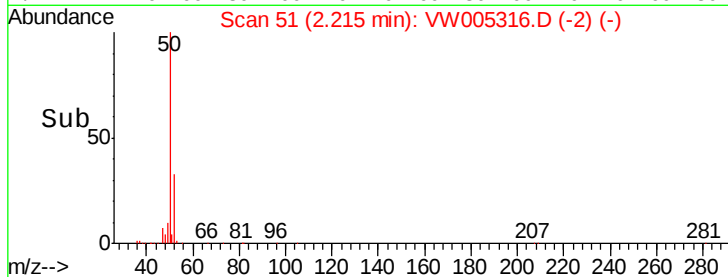
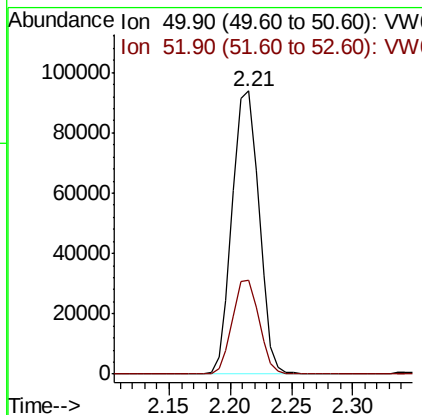
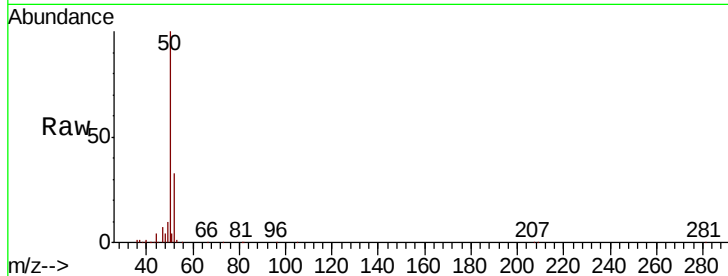
50 100

52 33.4 27.0 40.4

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#4

Vinyl Chloride

Concen: 22.66 ug/l

RT: 2.35 min Scan# 73

Delta R.T. -0.01 min

Lab File: VW005316.D

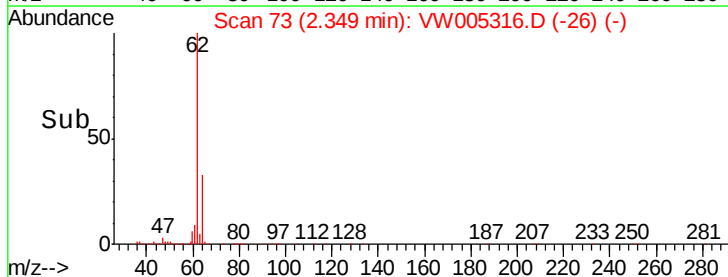
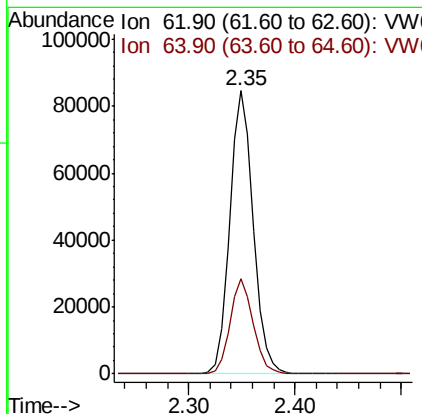
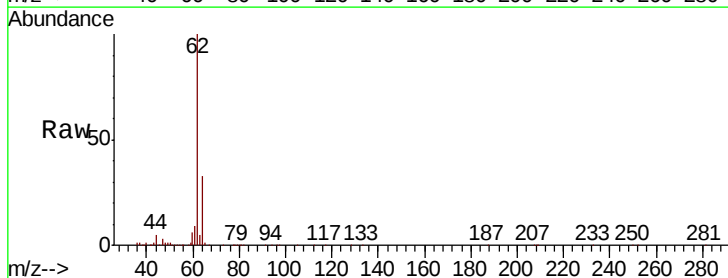
Acq: 12 Sep 2018 10:38

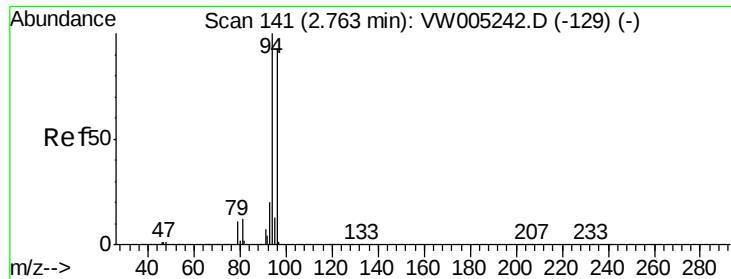
Tgt Ion: 62 Resp: 130602

Ion Ratio Lower Upper

62 100

64 33.4 24.6 37.0





#5

Bromomethane

Concen: 26.89 ug/l

RT: 2.73 min Scan# 136

Delta R.T. -0.03 min

Lab File: VW005316.D

Acq: 12 Sep 2018 10:38

Instrument :

MSVOA_W

ClientSampleId :

VW0911SBSD02

Tot Ion: 94 Resp: 98852

Ion Ratio Lower Upper

94 100

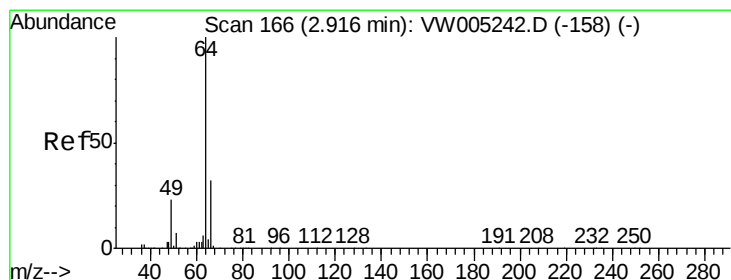
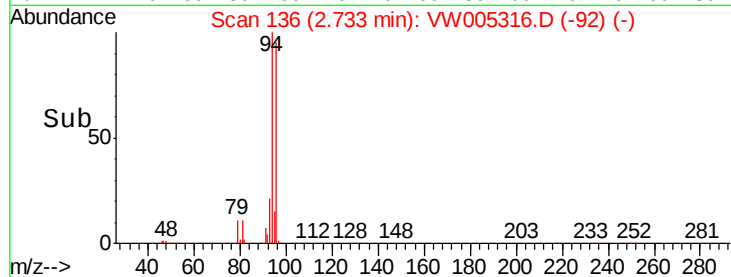
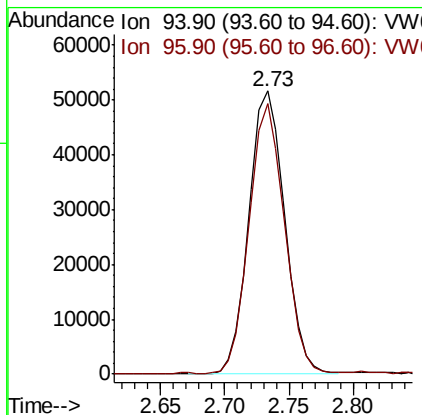
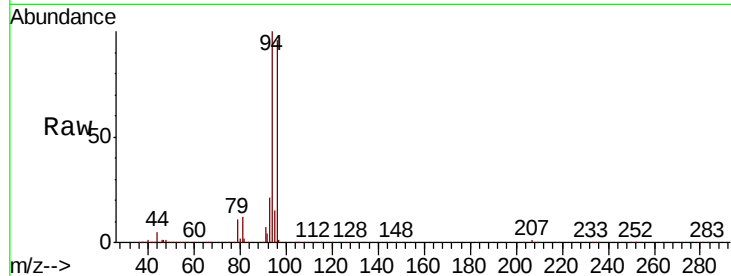
96 95.2 74.1 111.1

Manual Integrations

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#6

Chloroethane

Concen: 22.25 ug/l

RT: 2.90 min Scan# 163

Delta R.T. -0.02 min

Lab File: VW005316.D

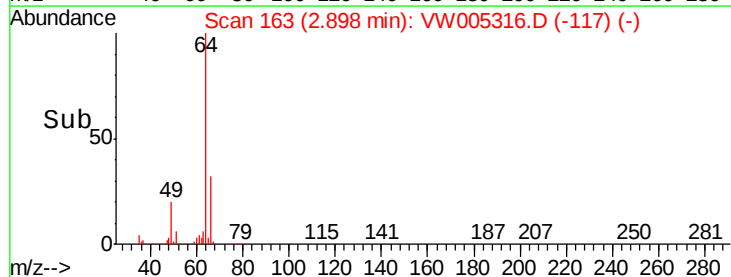
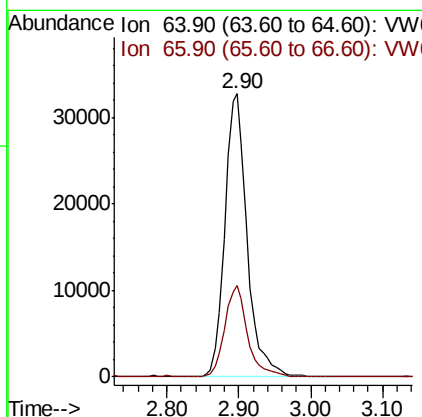
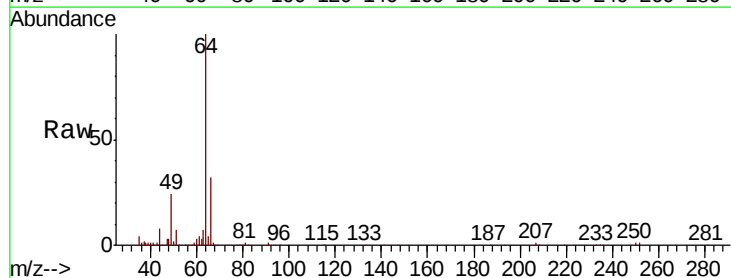
Acq: 12 Sep 2018 10:38

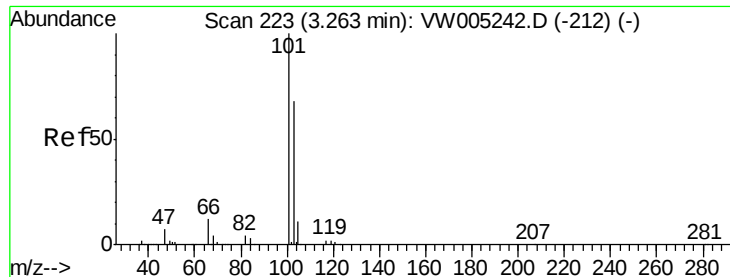
Tgt Ion: 64 Resp: 70648

Ion Ratio Lower Upper

64 100

66 32.3 25.3 37.9





#7

Trichlorofluoromethane

Concen: 22.49 ug/l

RT: 3.25 min Scan# 220

Delta R.T. -0.02 min

Lab File: VW005316.D

Acq: 12 Sep 2018 10:38

Instrument :

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ClientSampleId :

VW0911SBSD02

Tot Ion:101 Resp: 146678

Ion Ratio Lower Upper

101 100

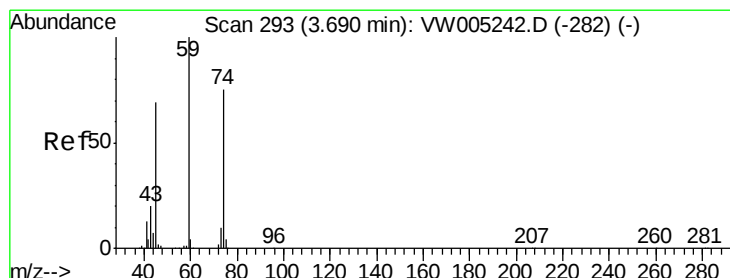
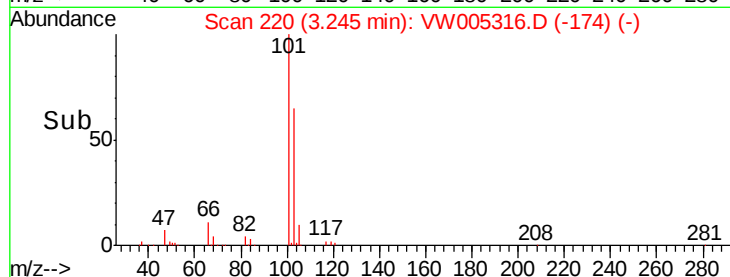
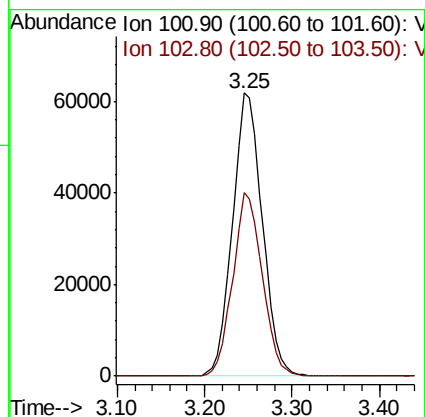
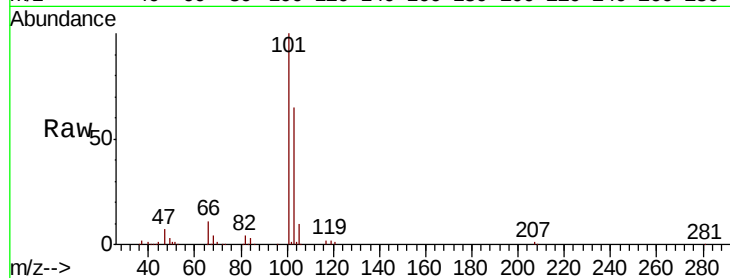
103 64.9 54.1 81.1

Manual Integrations

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#8

Diethyl Ether

Concen: 23.40 ug/l

RT: 3.68 min Scan# 292

Delta R.T. -0.01 min

Lab File: VW005316.D

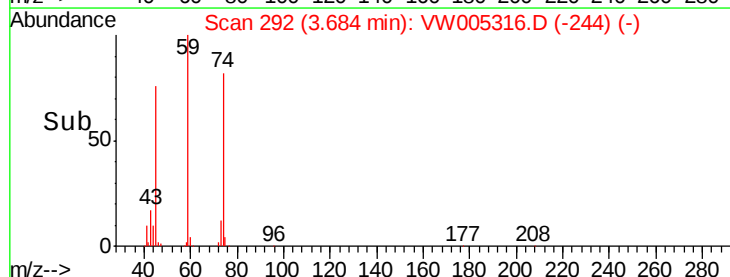
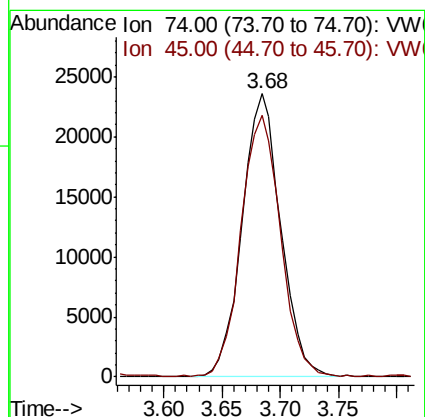
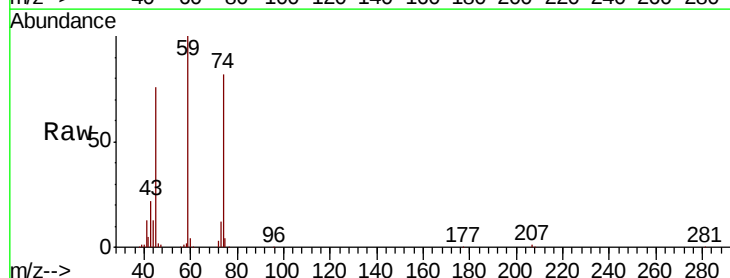
Acq: 12 Sep 2018 10:38

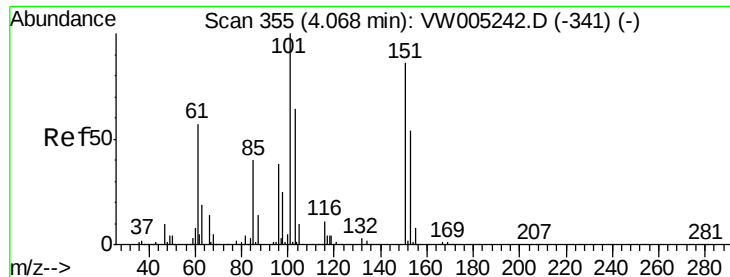
Tgt Ion: 74 Resp: 54388

Ion Ratio Lower Upper

74 100

45 95.1 45.1 135.3





#9

1,1,2-Trichlorotrifluoroethane

Concen: 21.56 ug/l

RT: 4.06 min Scan# 353

Delta R.T. -0.01 min

Lab File: VW005316.D

Acq: 12 Sep 2018 10:38

Instrument :

MSVOA_W

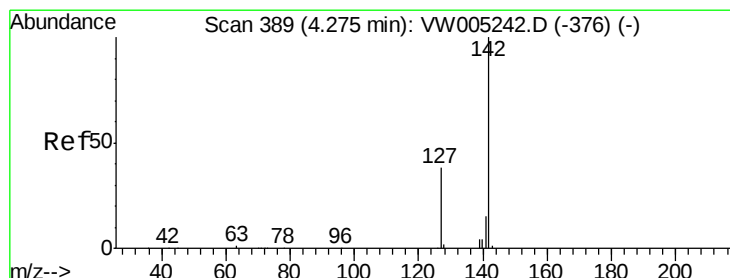
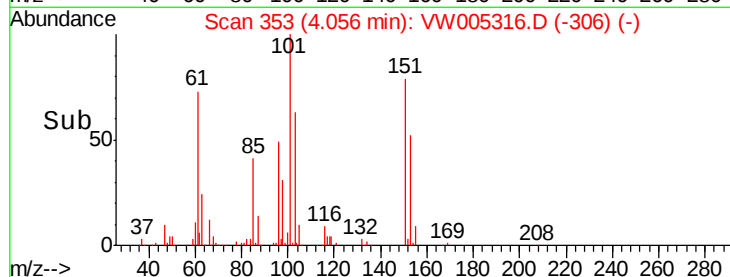
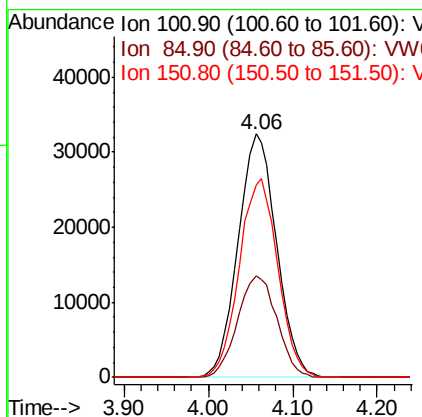
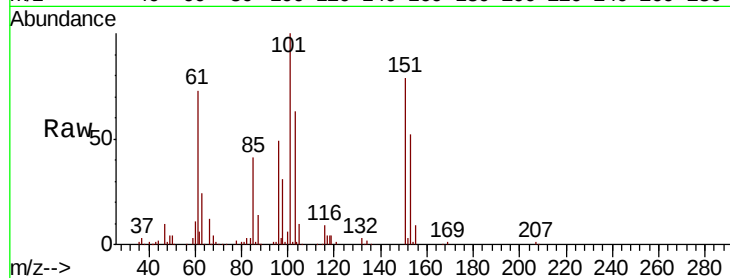
ClientSampleId :

VW0911SBSD02

Tot Ion:	101	Resp:	100427
Ion Ratio	Lower	Upper	
101	100		
85	42.7	32.7	49.1
151	81.8	67.6	101.4

Manual Integrations
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#10

Methyl Iodide

Concen: 12.39 ug/l

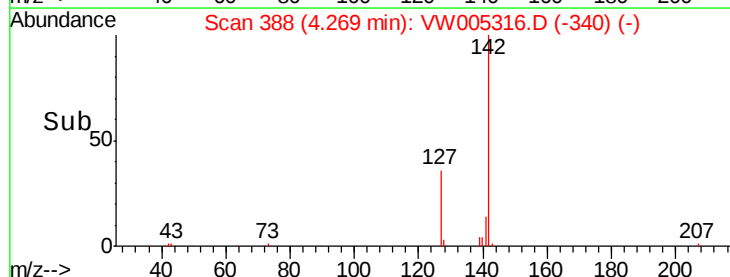
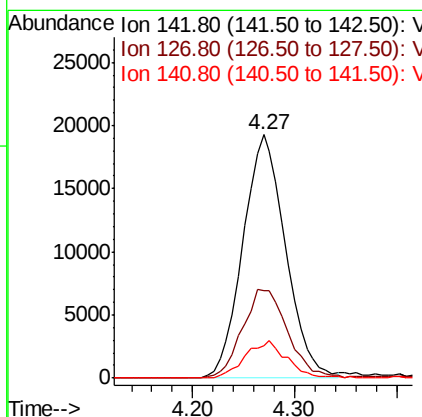
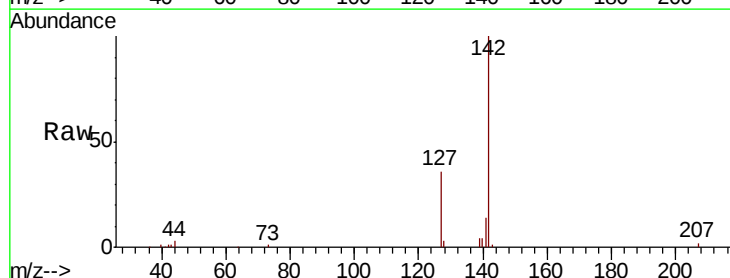
RT: 4.27 min Scan# 388

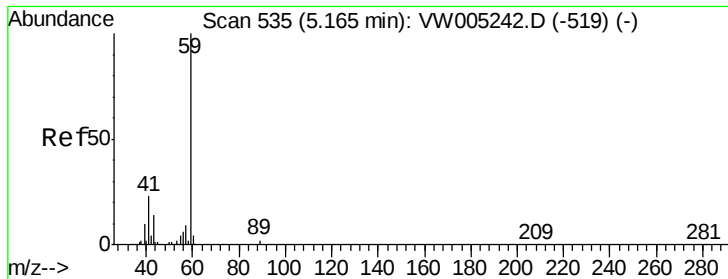
Delta R.T. -0.01 min

Lab File: VW005316.D

Acq: 12 Sep 2018 10:38

Tgt Ion:	142	Resp:	56183
Ion Ratio	Lower	Upper	
142	100		
127	38.4	30.3	45.5
141	15.0	11.4	17.0





#11

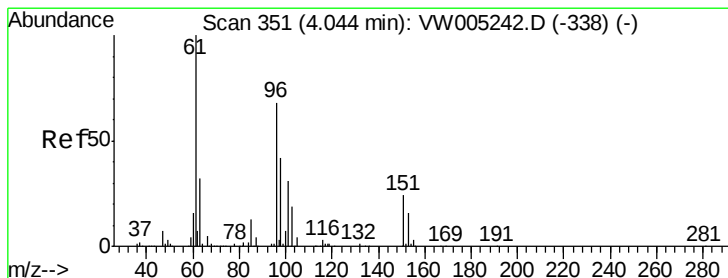
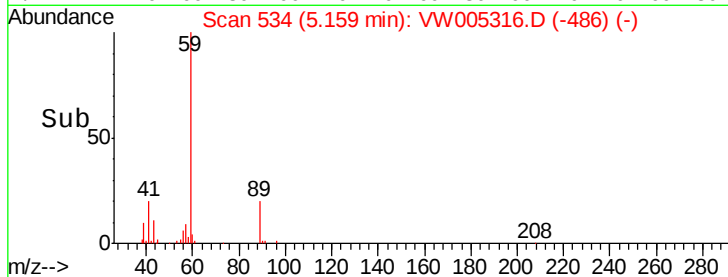
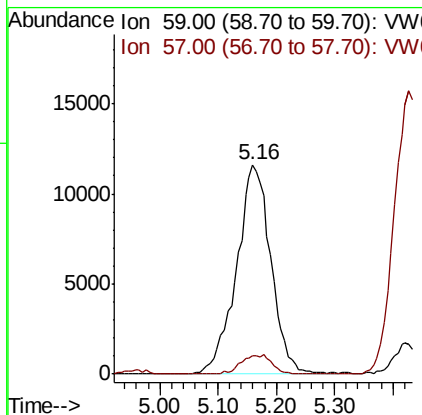
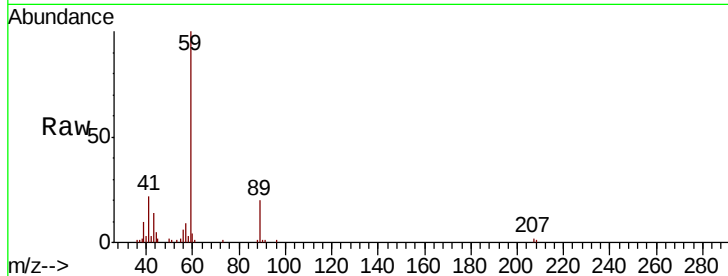
Tert butyl alcohol
Concen: 142.70 ug/l
RT: 5.16 min Scan# 534
Delta R.T. -0.01 min
Lab File: VW005316.D
Acq: 12 Sep 2018 10:38

Instrument :
MSVOA_W
ClientSampled :
VW0911SBSD02

Tot Ion	59	57	Ratio	100	8.3	Resp	Lower	Upper
47521							8.1	12.1

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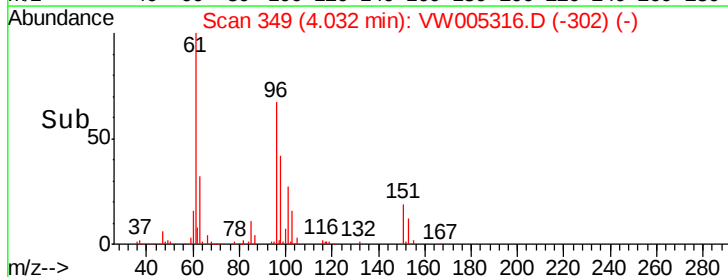
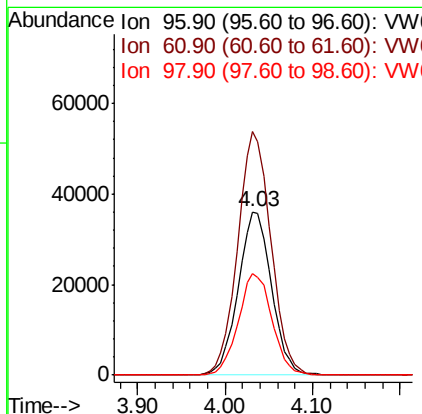
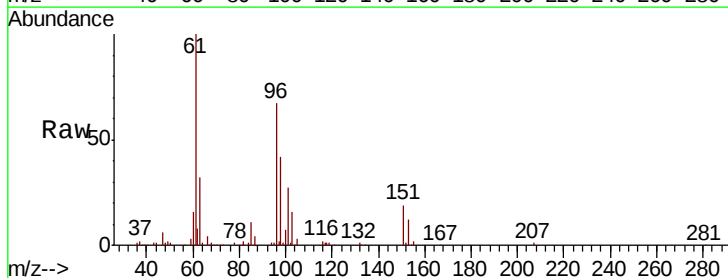
apatel
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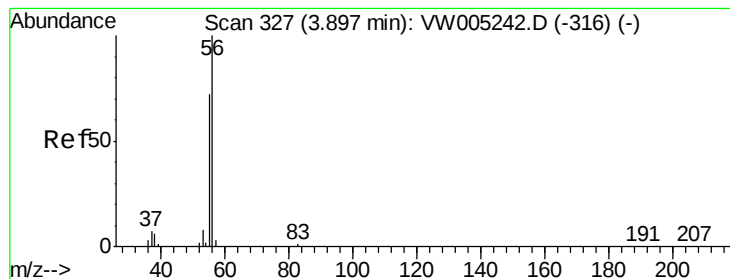


#12

1,1-Dichloroethene
Concen: 22.20 ug/l
RT: 4.03 min Scan# 349
Delta R.T. -0.01 min
Lab File: VW005316.D
Acq: 12 Sep 2018 10:38

Tgt Ion	96	61	98	Ratio	100	148.9	62.4	Resp	Lower	Upper
95203									118.2	177.2





#13

Acrolein

Concen: 119.47 ug/l

RT: 3.89 min Scan# 326

Delta R.T. -0.01 min

Lab File: VW005316.D

Acq: 12 Sep 2018 10:38

Instrument :

MSVOA_W

ClientSampleId :

VW0911SBSD02

Tot Ion: 56 Resp: 38429

Ion Ratio Lower Upper

56 100

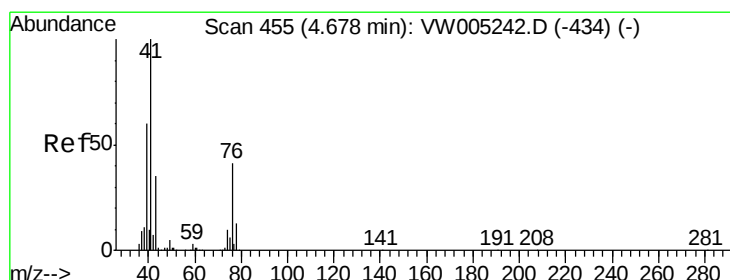
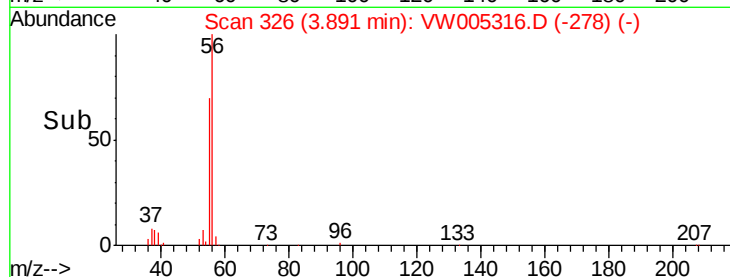
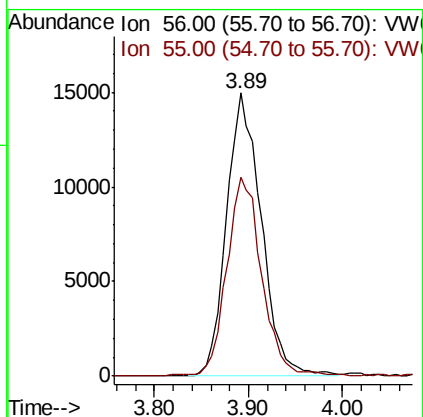
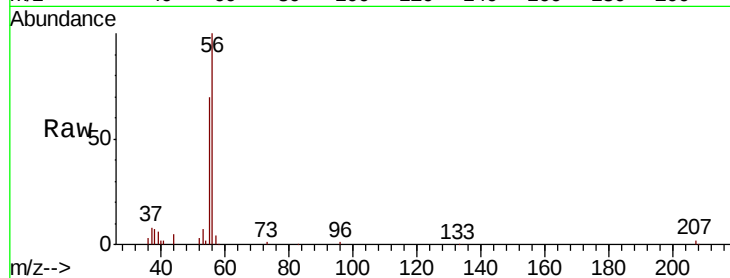
55 71.0 56.8 85.2

Manual Integrations

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#14

Allyl chloride

Concen: 22.27 ug/l

RT: 4.67 min Scan# 454

Delta R.T. -0.01 min

Lab File: VW005316.D

Acq: 12 Sep 2018 10:38

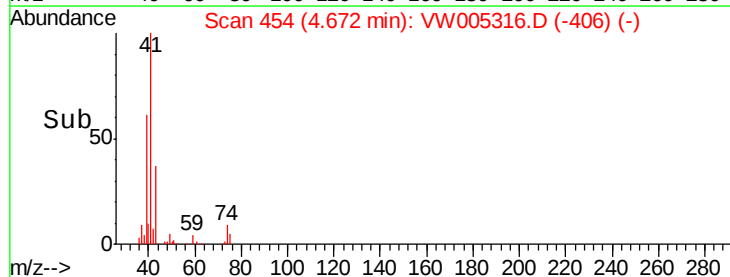
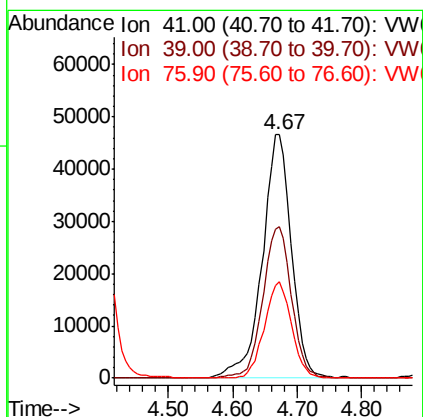
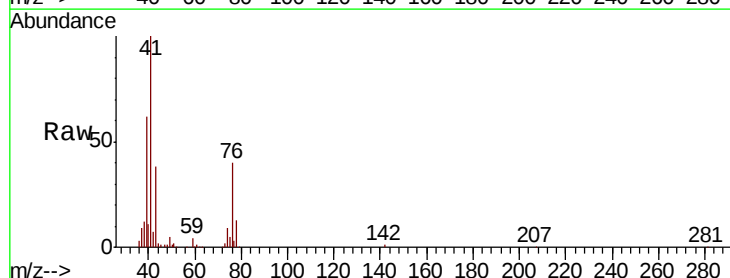
Tgt Ion: 41 Resp: 146777

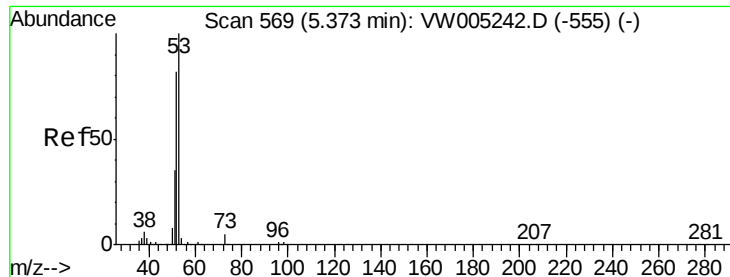
Ion Ratio Lower Upper

41 100

39 60.9 48.2 72.4

76 36.9 31.7 47.5





#15

Acrylonitrile

Concen: 120.70 ug/l

RT: 5.37 min Scan# 569

Delta R.T. 0.00 min

Lab File: VW005316.D

Acq: 12 Sep 2018 10:38

Instrument :

MSVOA_W

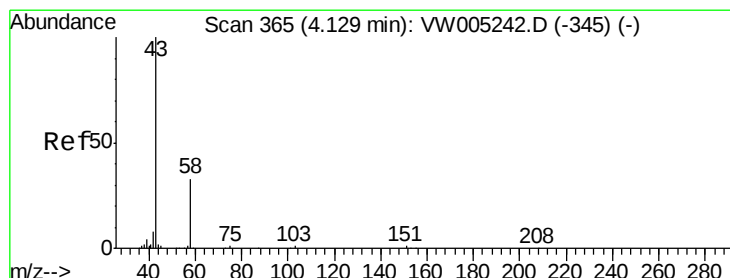
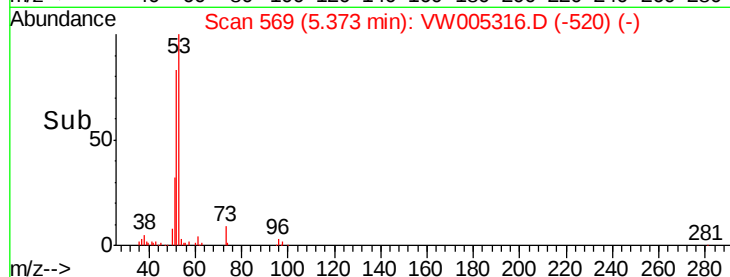
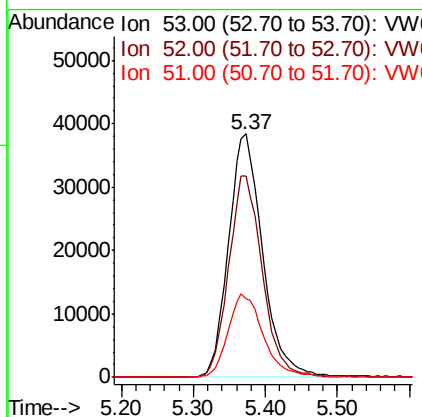
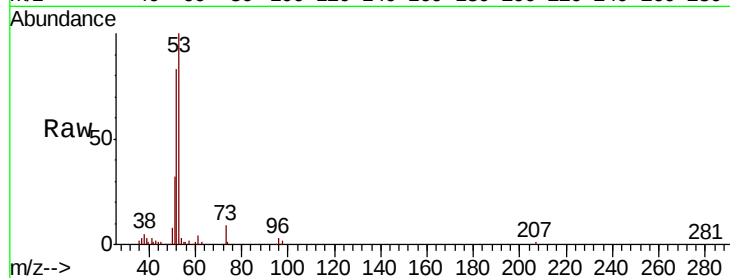
ClientSampleId :

VW0911SBSD02

Tot Ion:	53	Resp:	126549
Ion	Ratio	Lower	Upper
53	100		
52	81.4	66.0	99.0
51	35.4	28.6	43.0

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#16

Acetone

Concen: 128.96 ug/l

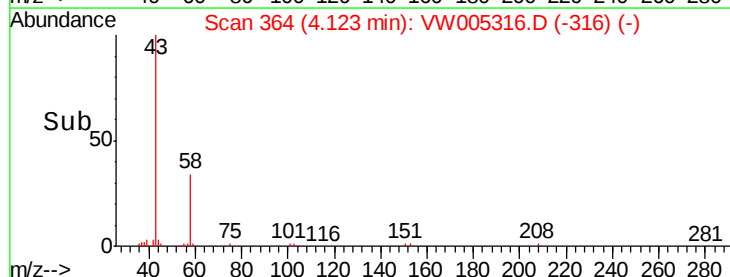
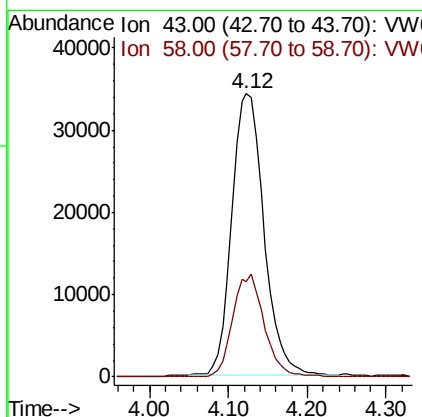
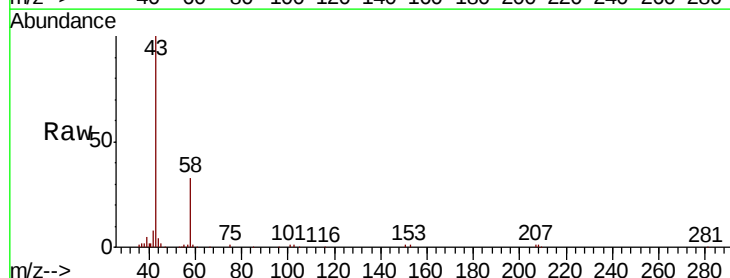
RT: 4.12 min Scan# 364

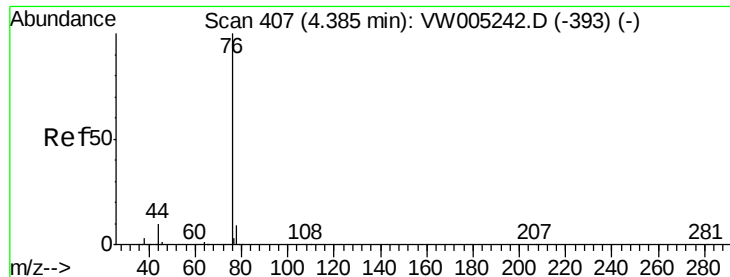
Delta R.T. -0.01 min

Lab File: VW005316.D

Acq: 12 Sep 2018 10:38

Tgt Ion:	43	Resp:	97199
Ion	Ratio	Lower	Upper
43	100		
58	33.7	26.7	40.1





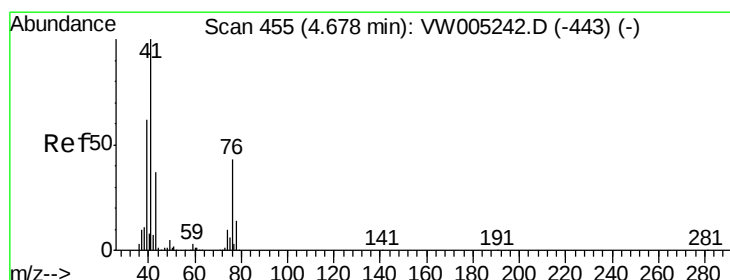
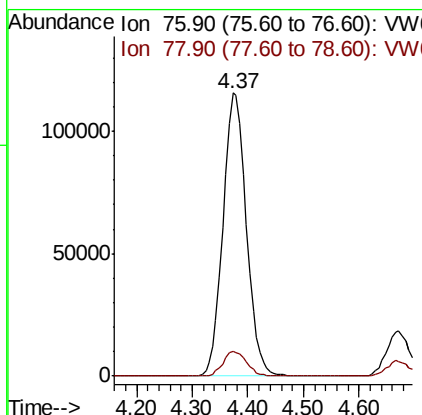
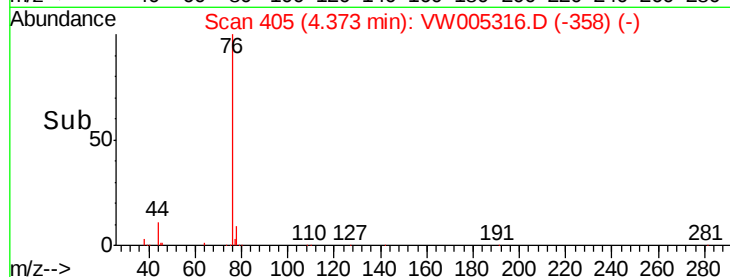
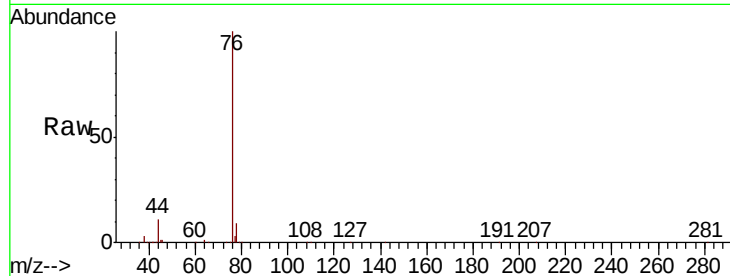
#17
Carbon Disulfide
Concen: 22.32 ug/l
RT: 4.37 min Scan# 405
Delta R.T. -0.01 min
Lab File: VW005316.D
Acq: 12 Sep 2018 10:38

Instrument :
MSVOA_W
ClientSampleId :
VW0911SBSD02

Tot Ion	Ratio	Lower	Upper
76	100		
78	8.9	7.5	11.3

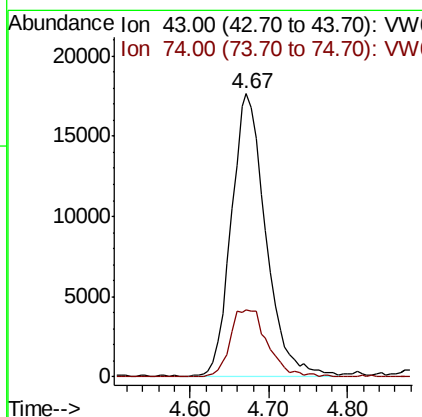
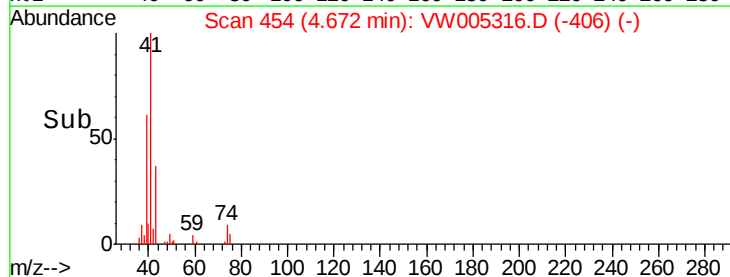
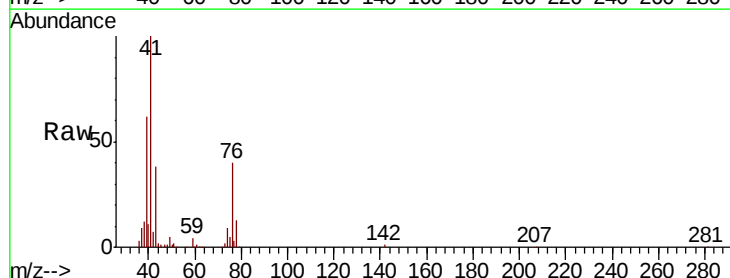
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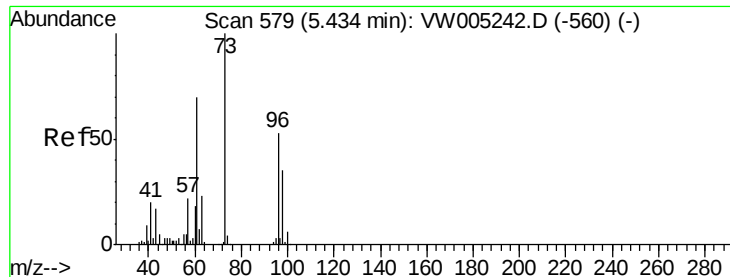
apatel
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#18
Methyl Acetate
Concen: 23.91 ug/l
RT: 4.67 min Scan# 454
Delta R.T. -0.01 min
Lab File: VW005316.D
Acq: 12 Sep 2018 10:38

Tgt Ion	Ratio	Lower	Upper
43	100		
74	25.6	21.4	32.2





#19

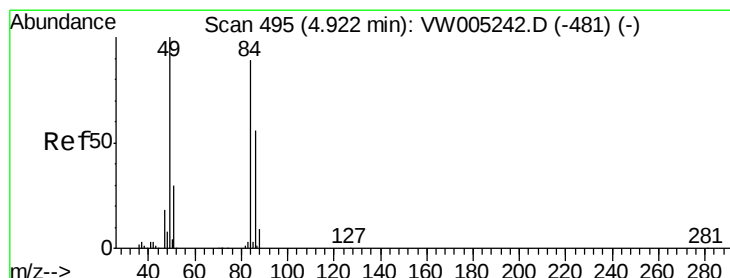
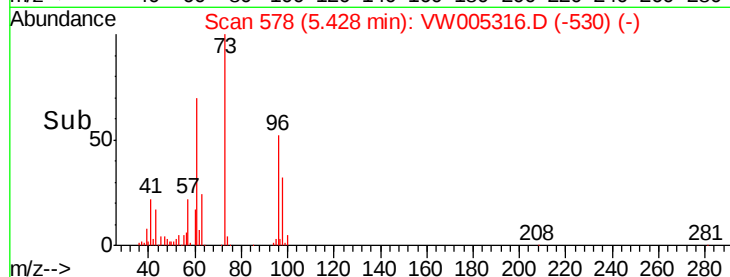
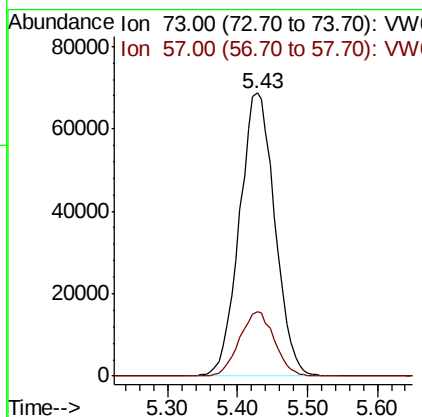
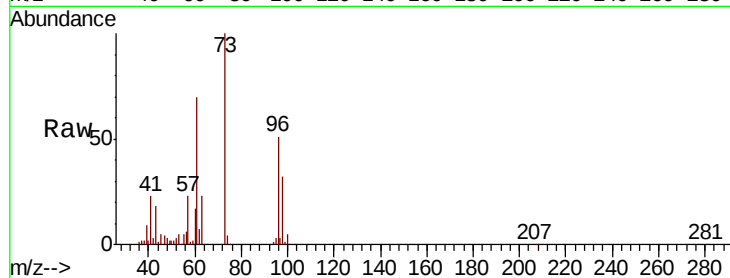
Methyl tert-butyl Ether
 Concen: 23.56 ug/l
 RT: 5.43 min Scan# 578
 Delta R.T. -0.01 min
 Lab File: VW005316.D
 Acq: 12 Sep 2018 10:38

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0911SBSD02

Tot Ion	Ratio	Lower	Upper
73	100		
57	22.9	17.4	26.2

Manual Integrations
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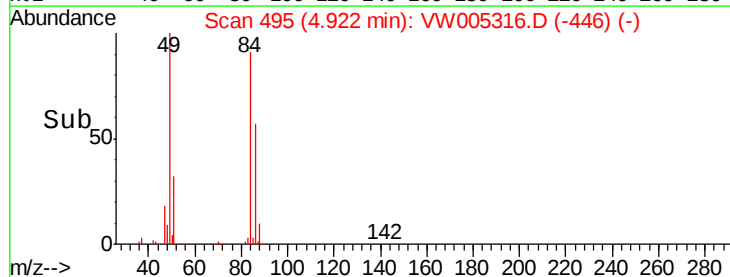
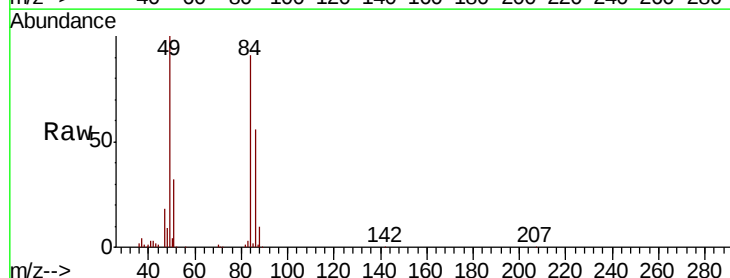
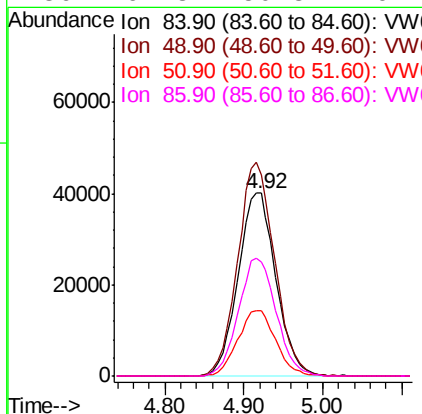
apatel
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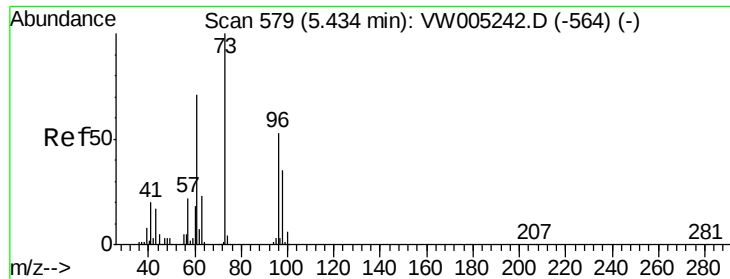


#20

Methylene Chloride
 Concen: 22.02 ug/l
 RT: 4.92 min Scan# 495
 Delta R.T. 0.00 min
 Lab File: VW005316.D
 Acq: 12 Sep 2018 10:38

Tgt Ion	Ratio	Lower	Upper
84	100		
49	110.2	90.3	135.5
51	35.5	26.9	40.3
86	62.3	50.8	76.2





#21

trans-1,2-Dichloroethene

Concen: 21.89 ug/l

RT: 5.43 min Scan# 578

Delta R.T. -0.01 min

Lab File: VW005316.D

Acq: 12 Sep 2018 10:38

Instrument :

MSVOA_W

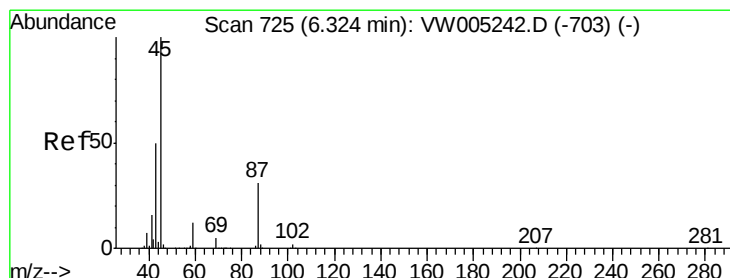
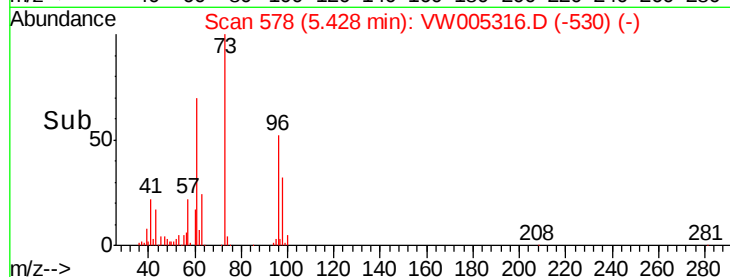
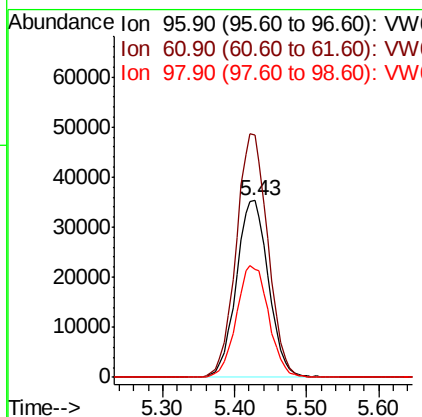
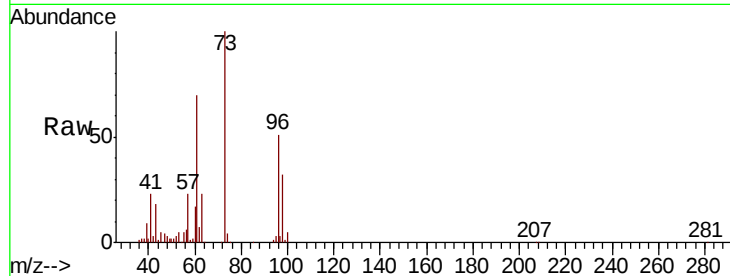
ClientSampleId :

VW0911SBSD02

Tot Ion:	96	Resp:	109596
Ion	Ratio	Lower	Upper
96	100		
61	137.0	105.7	158.5
98	61.3	52.8	79.2

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#22

Diisopropyl ether

Concen: 24.25 ug/l

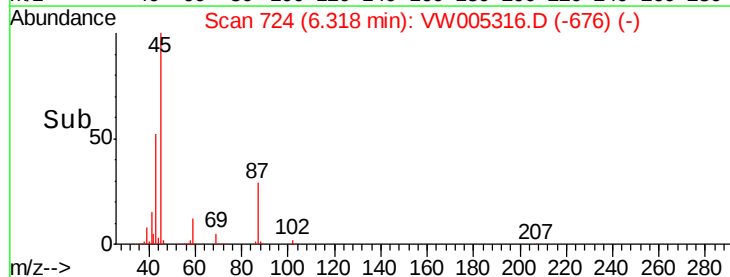
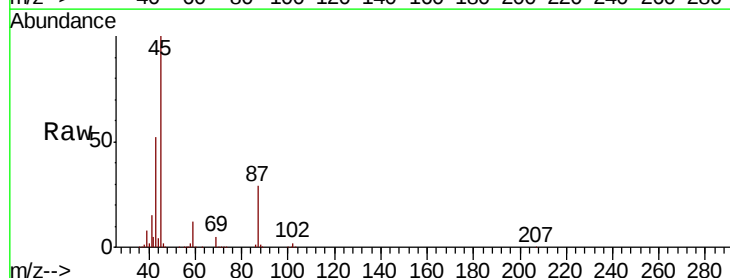
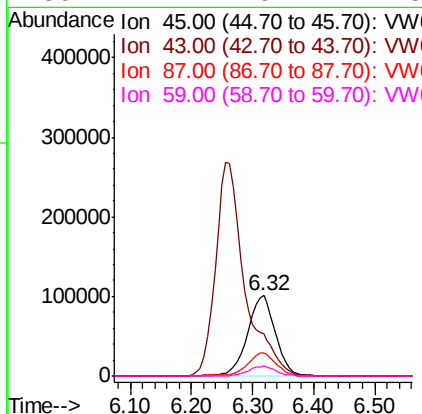
RT: 6.32 min Scan# 724

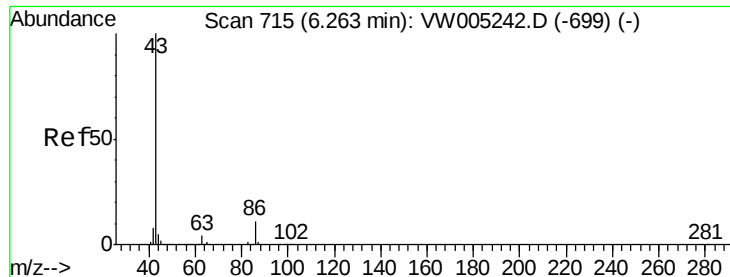
Delta R.T. -0.01 min

Lab File: VW005316.D

Acq: 12 Sep 2018 10:38

Tgt Ion:	45	Resp:	321752
Ion	Ratio	Lower	Upper
45	100		
43	51.7	39.6	59.4
87	29.0	24.7	37.1
59	12.1	9.7	14.5





#23

Vinyl Acetate

Concen: 121.36 ug/l

RT: 6.26 min Scan# 714

Delta R.T. -0.01 min

Lab File: VW005316.D

Acq: 12 Sep 2018 10:38

Instrument :

MSVOA_W

ClientSampleId :

VW0911SBSD02

Tot Ion: 43 Resp: 897257

Ion Ratio Lower Upper

43 100

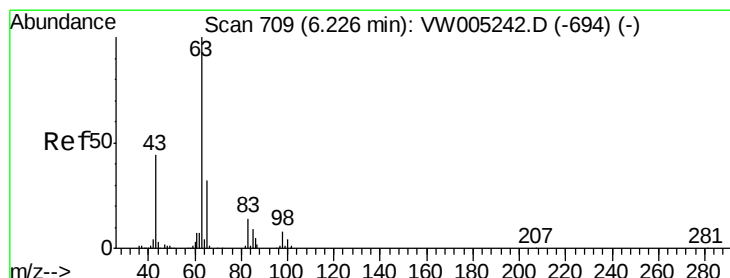
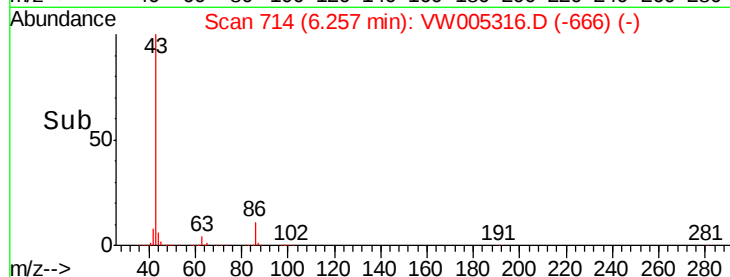
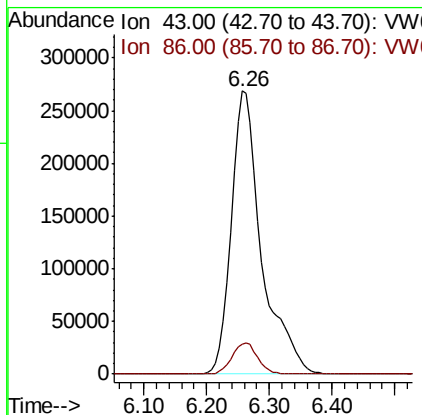
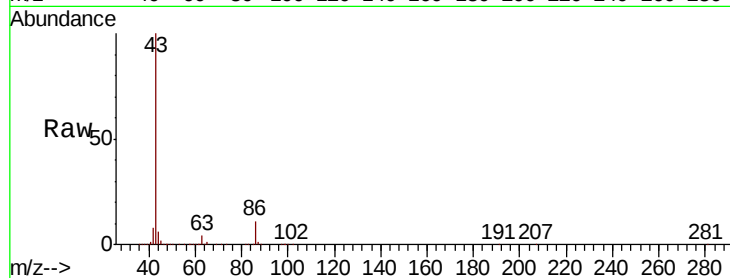
86 10.7 8.9 13.3

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#24

1,1-Dichloroethane

Concen: 22.52 ug/l

RT: 6.22 min Scan# 708

Delta R.T. -0.01 min

Lab File: VW005316.D

Acq: 12 Sep 2018 10:38

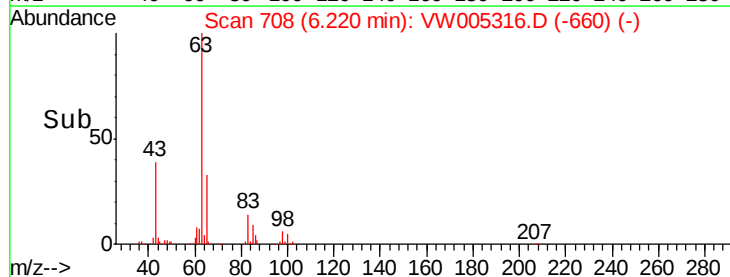
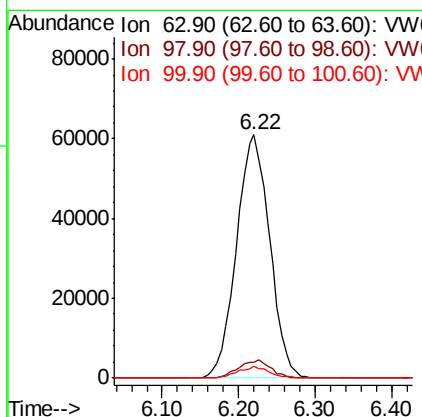
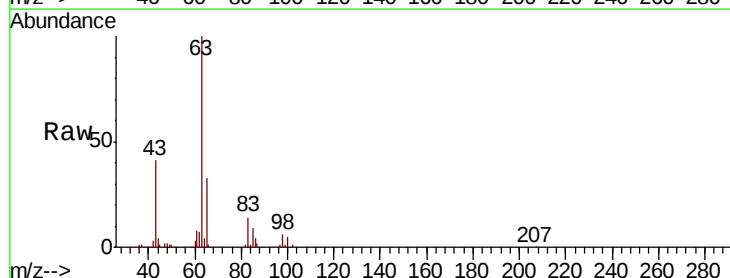
Tgt Ion: 63 Resp: 183875

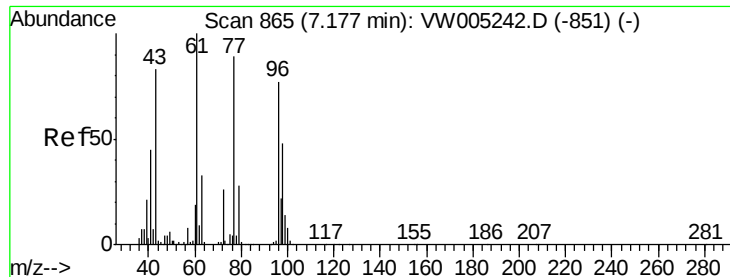
Ion Ratio Lower Upper

63 100

98 6.2 3.8 11.4

100 4.7 2.2 6.6





#25

2-Butanone

Concen: 129.59 ug/l

RT: 7.17 min Scan# 864

Delta R.T. -0.01 min

Lab File: VW005316.D

Acq: 12 Sep 2018 10:38

Instrument :

MSVOA_W

ClientSampled :

VW0911SBSD02

Tot Ion: 43 Resp: 154072

Ion Ratio Lower Upper

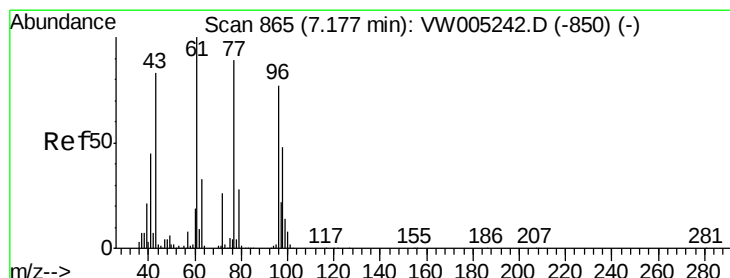
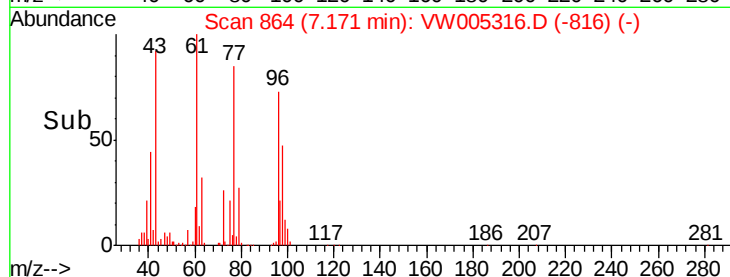
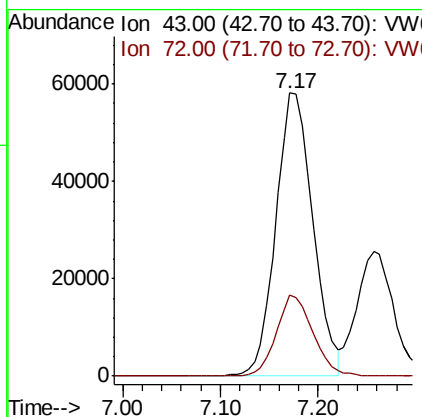
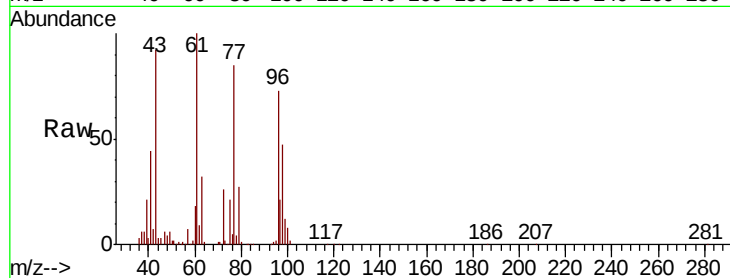
43 100

72 28.5 25.0 37.6

Manual Integrations
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#26

2,2-Dichloropropane

Concen: 22.02 ug/l

RT: 7.17 min Scan# 864

Delta R.T. -0.01 min

Lab File: VW005316.D

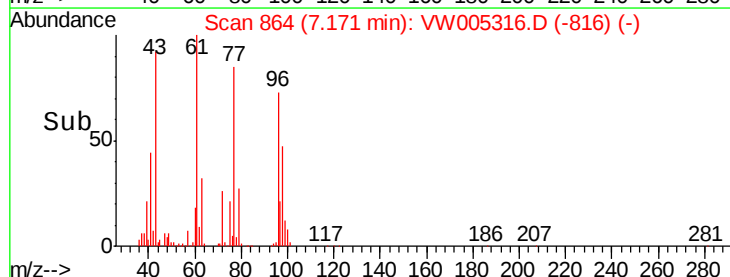
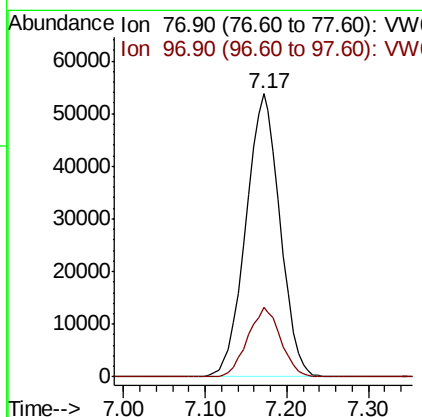
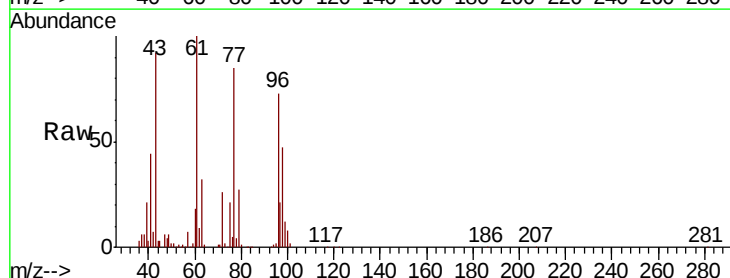
Acq: 12 Sep 2018 10:38

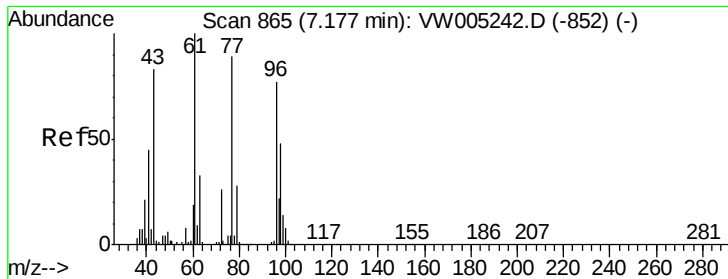
Tgt Ion: 77 Resp: 155923

Ion Ratio Lower Upper

77 100

97 23.6 12.2 36.6





#27

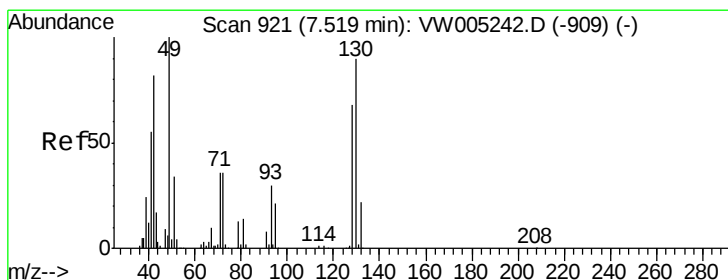
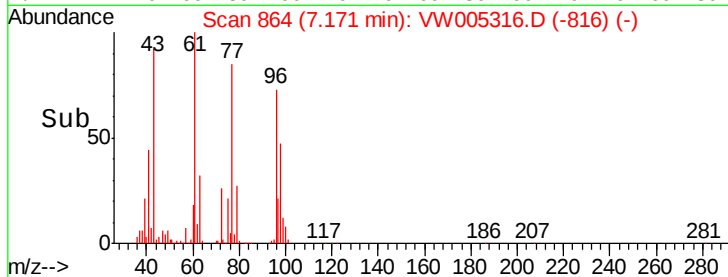
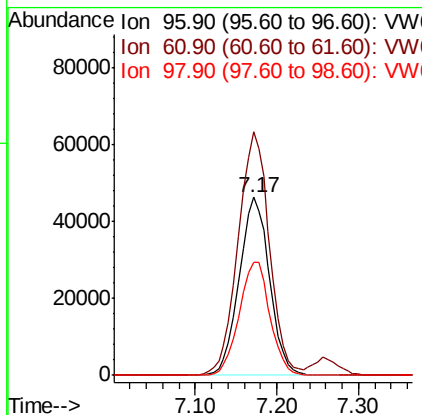
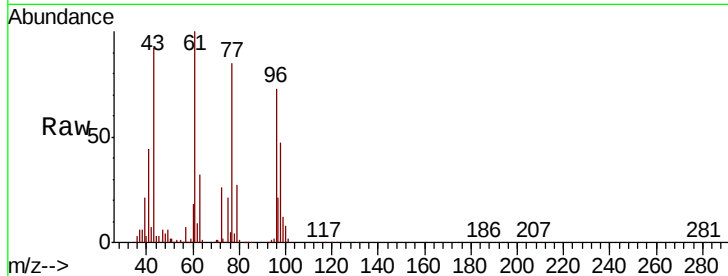
cis-1,2-Dichloroethene
Concen: 22.29 ug/l
RT: 7.17 min Scan# 864
Delta R.T. -0.01 min
Lab File: VW005316.D
Acq: 12 Sep 2018 10:38

Instrument :
MSVOA_W
ClientSampleId :
VW0911SBSD02

Tot Ion	Ratio	Resp	Lower	Upper
96	100			
61	141.3	0.0	273.4	
98	64.5	0.0	127.8	

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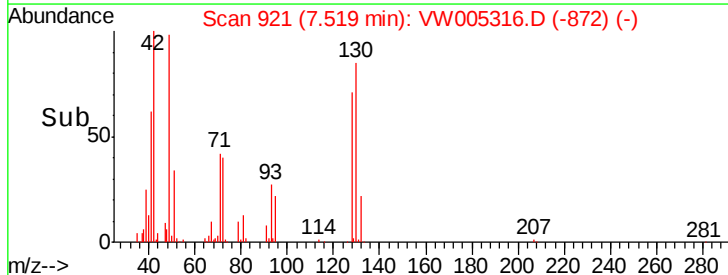
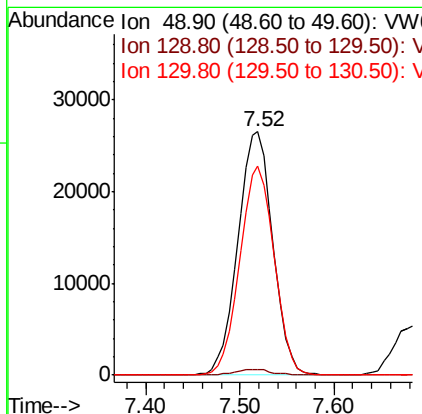
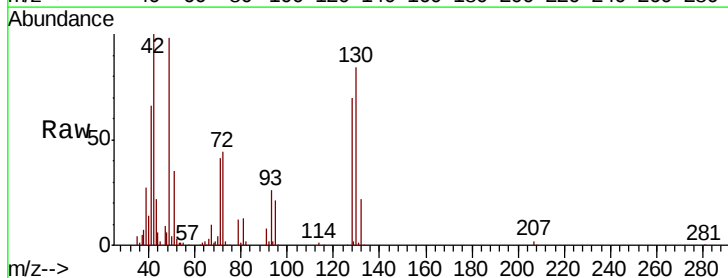
apatel
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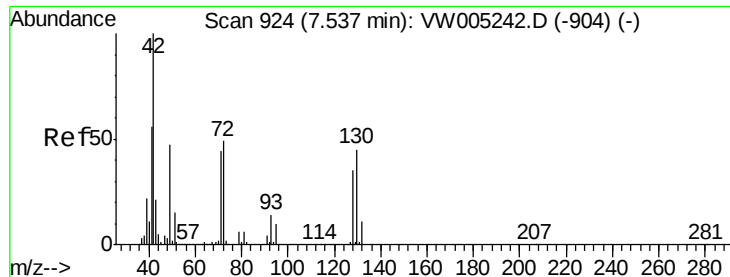


#28

Bromochloromethane
Concen: 22.79 ug/l
RT: 7.52 min Scan# 921
Delta R.T. 0.00 min
Lab File: VW005316.D
Acq: 12 Sep 2018 10:38

Tgt Ion	Ratio	Resp	Lower	Upper
49	100			
129	2.4	0.0	2.0#	
130	84.8	71.2	106.8	





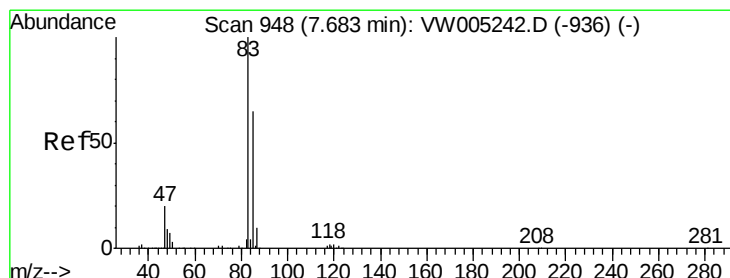
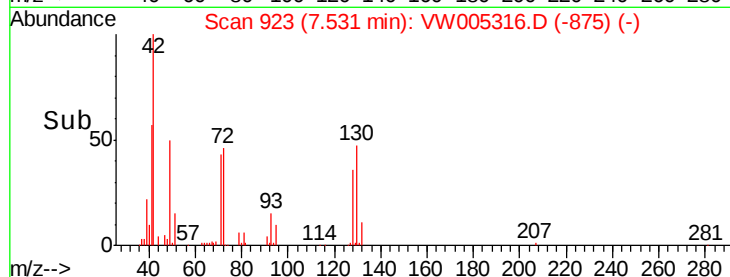
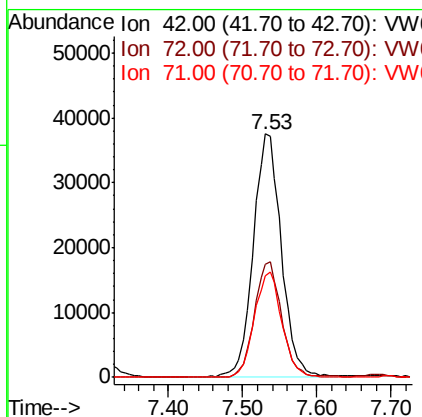
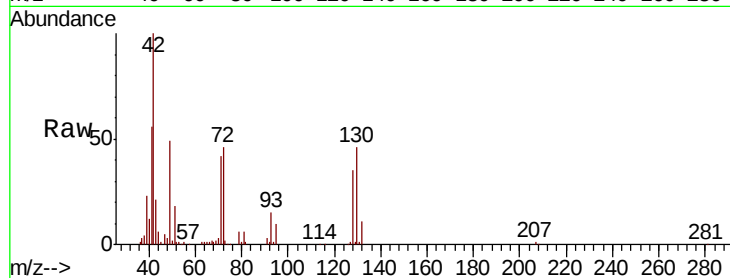
#29
Tetrahydrofuran
Concen: 124.25 ug/l
RT: 7.53 min Scan# 923
Delta R.T. -0.01 min
Lab File: VW005316.D
Acq: 12 Sep 2018 10:38

Instrument :
MSVOA_W
ClientSampleId :
VW0911SBSD02

Tot Ion	Ratio	Lower	Upper
42	100		
72	45.6	37.5	56.3
71	42.3	34.8	52.2

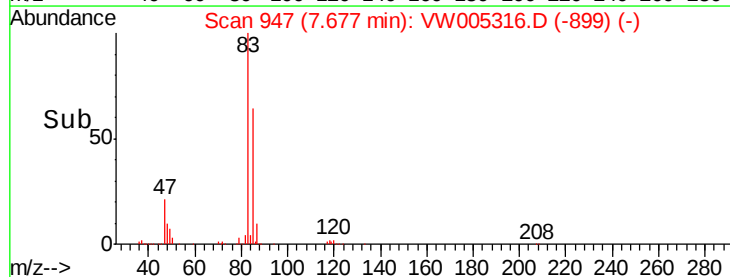
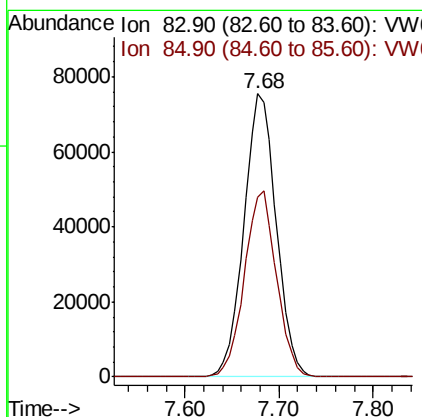
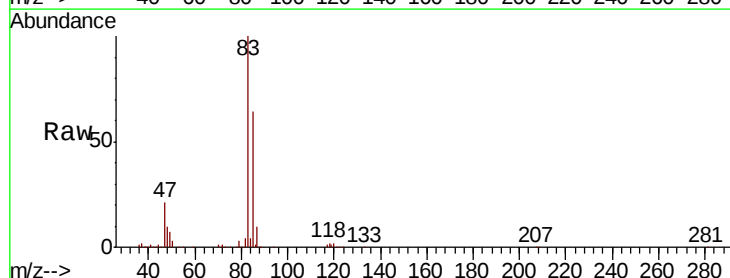
Manual Integrations
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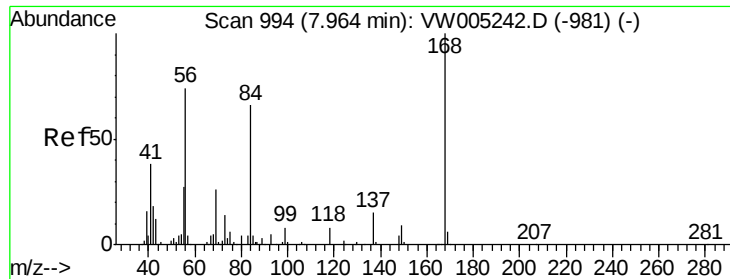
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#30
Chloroform
Concen: 22.19 ug/l
RT: 7.68 min Scan# 947
Delta R.T. -0.01 min
Lab File: VW005316.D
Acq: 12 Sep 2018 10:38

Tgt Ion	Ratio	Lower	Upper
83	100		
85	63.6	51.7	77.5





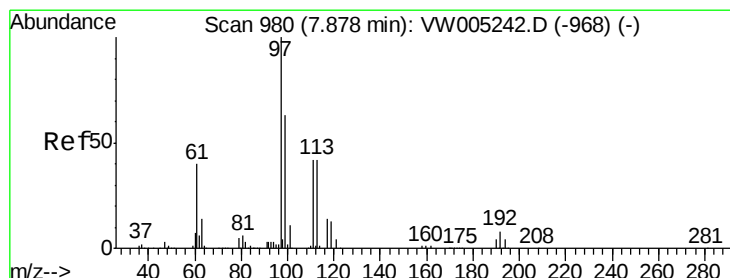
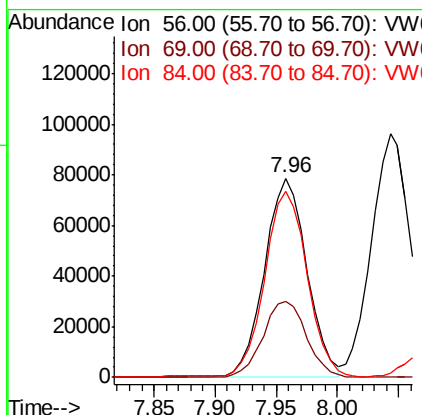
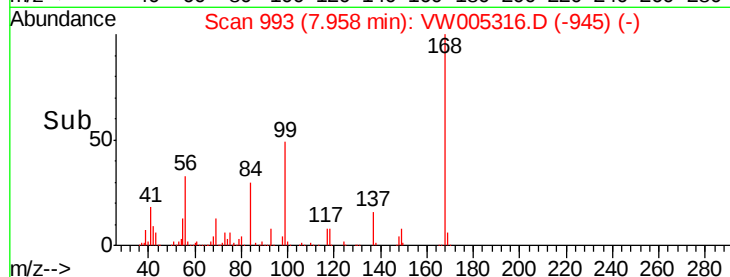
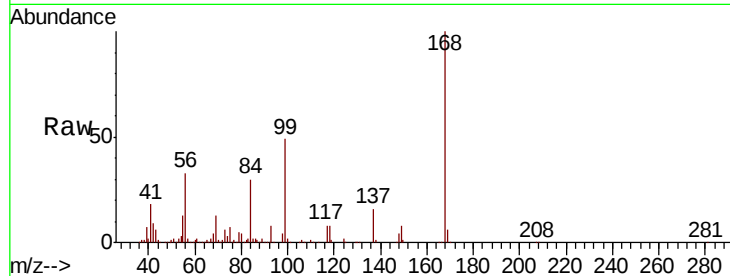
#31
Cyclohexane
Concen: 21.92 ug/l
RT: 7.96 min Scan# 993
Delta R.T. -0.01 min
Lab File: VW005316.D
Acq: 12 Sep 2018 10:38

Instrument :
MSVOA_W
ClientSampleId :
VW0911SBSD02

Tot Ion	Ion	Ratio	Lower	Upper
56	100			
69	38.3	27.8	41.8	
84	92.2	72.1	108.1	

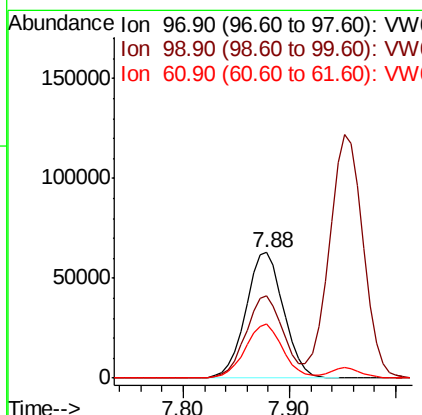
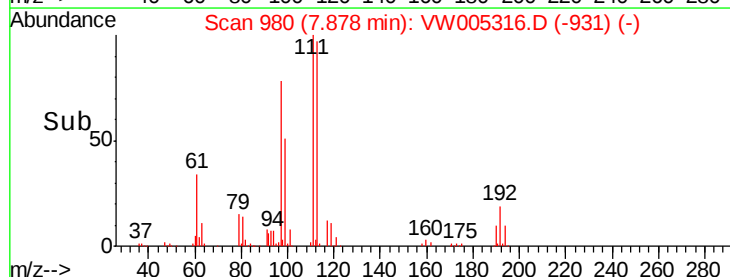
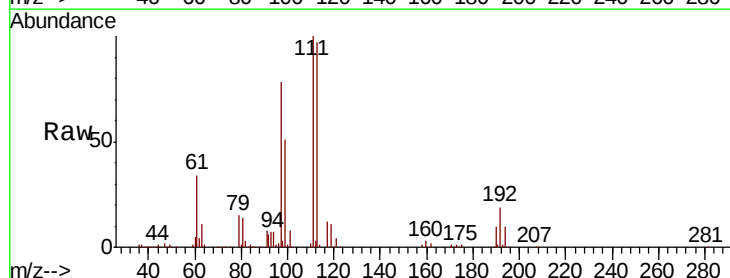
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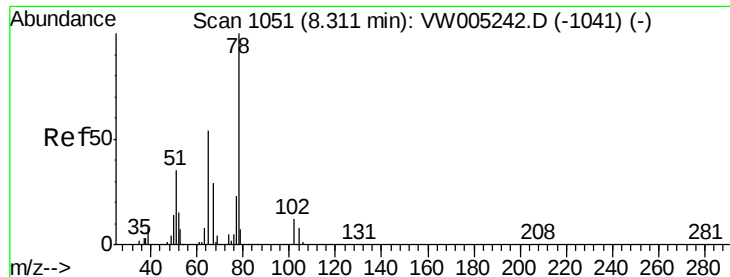
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#32
1,1,1-Trichloroethane
Concen: 21.19 ug/l
RT: 7.88 min Scan# 980
Delta R.T. 0.00 min
Lab File: VW005316.D
Acq: 12 Sep 2018 10:38

Tgt Ion	Ion	Ratio	Lower	Upper
97	100			
99	66.0	51.5	77.3	
61	42.4	32.5	48.7	





#33

1,2-Dichloroethane-d4

Concen: 57.03 ug/l

RT: 8.31 min Scan# 1051

Delta R.T. 0.00 min

Lab File: VW005316.D

Acq: 12 Sep 2018 10:38

Instrument :

MSVOA_W

ClientSampleId :

VW0911SBSD02

Tot Ion: 65 Resp: 231598

Ion Ratio Lower Upper

65 100

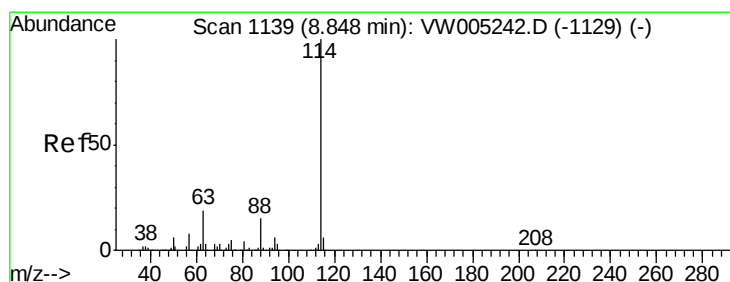
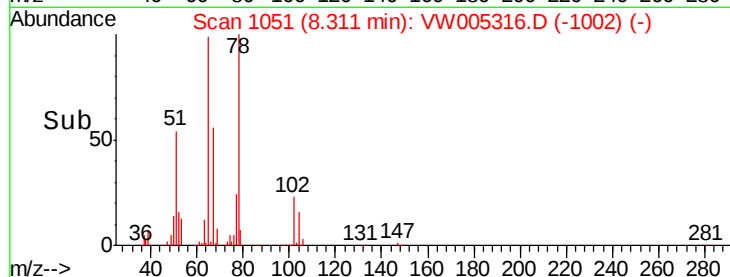
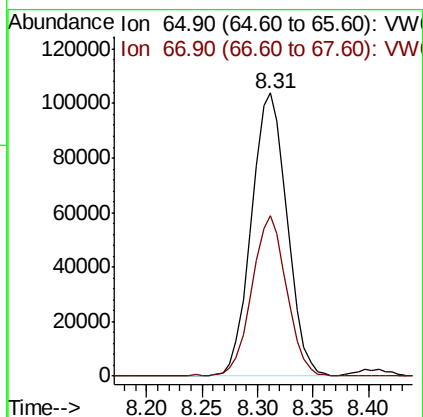
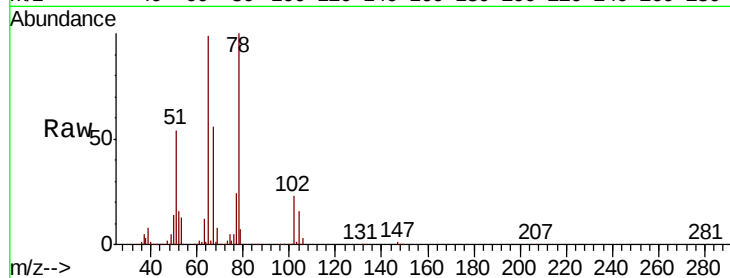
67 55.4 0.0 112.2

Manual Integrations

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#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 8.85 min Scan# 1139

Delta R.T. 0.00 min

Lab File: VW005316.D

Acq: 12 Sep 2018 10:38

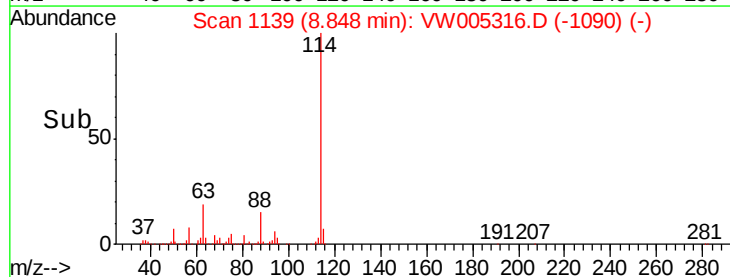
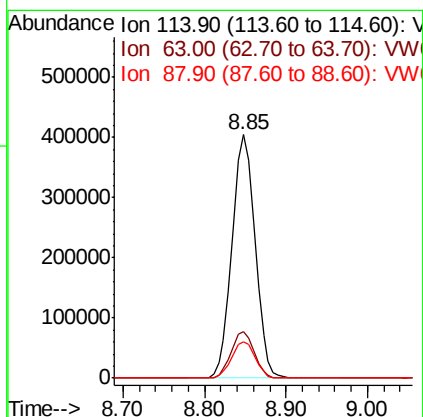
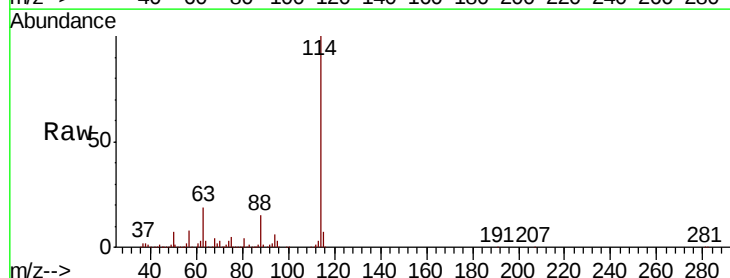
Tgt Ion: 114 Resp: 785976

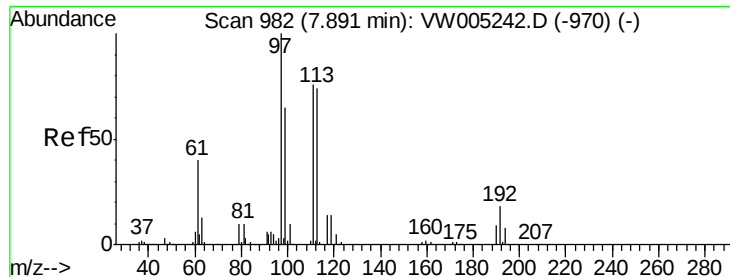
Ion Ratio Lower Upper

114 100

63 19.1 0.0 37.0

88 15.0 0.0 30.4





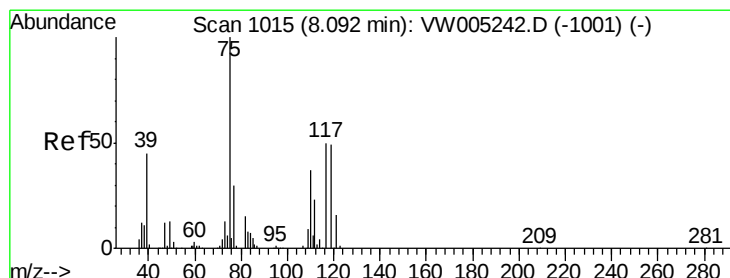
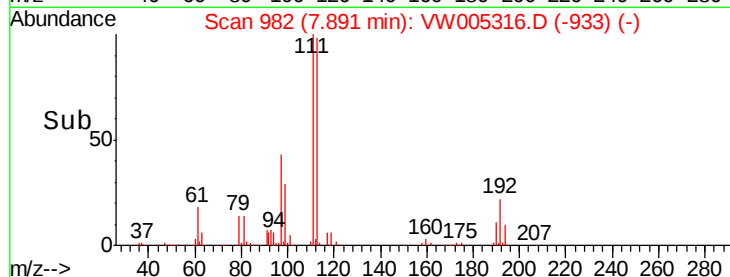
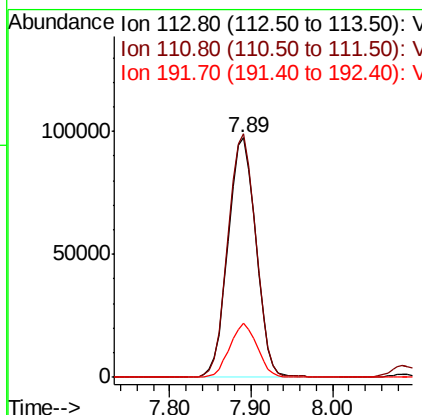
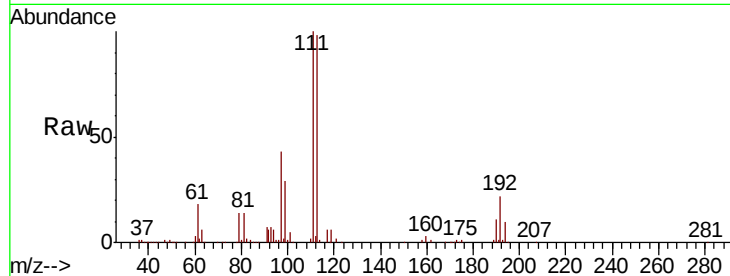
#35
 Dibromofluoromethane
 Concen: 55.94 ug/l
 RT: 7.89 min Scan# 982
 Delta R.T. 0.00 min
 Lab File: VW005316.D
 Acq: 12 Sep 2018 10:38

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0911SBSD02

Tot Ion	Ratio	Resp	Lower	Upper
113	100	230330		
111	101.6	80.6	121.0	
192	21.9	18.3	27.5	

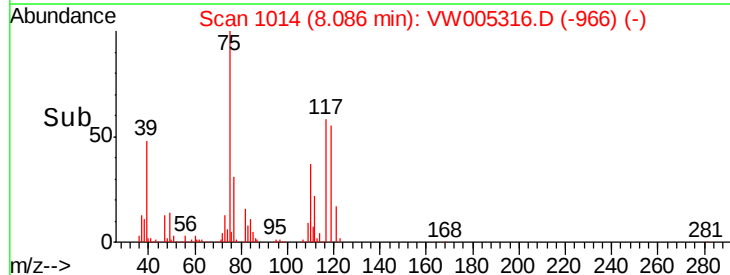
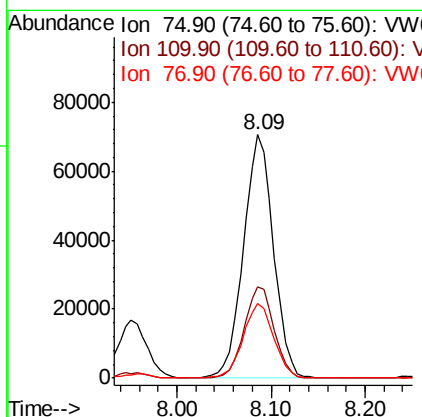
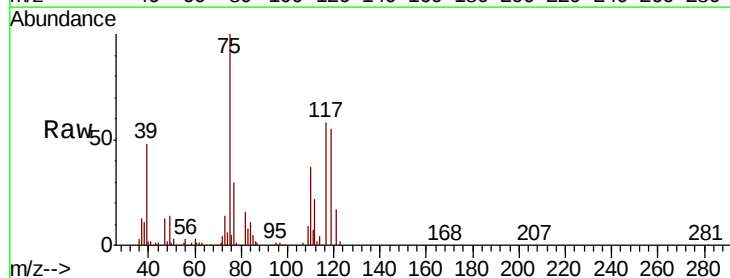
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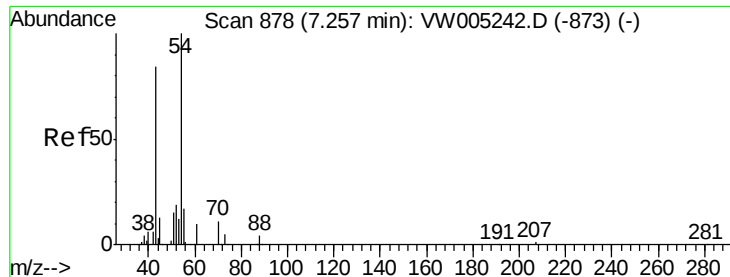
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#36
 1,1-Dichloropropene
 Concen: 21.74 ug/l
 RT: 8.09 min Scan# 1014
 Delta R.T. -0.01 min
 Lab File: VW005316.D
 Acq: 12 Sep 2018 10:38

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	156566		
110	37.5	18.8	56.4	
77	31.5	24.9	37.3	





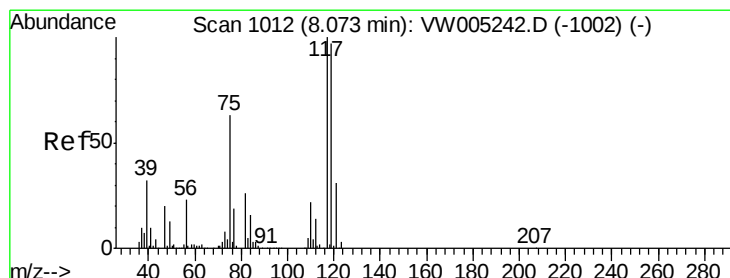
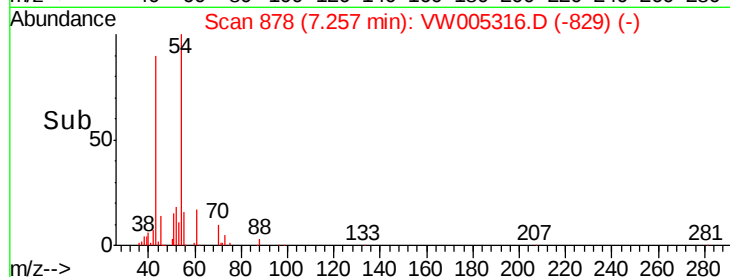
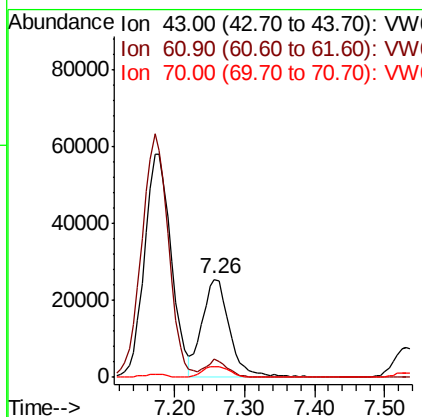
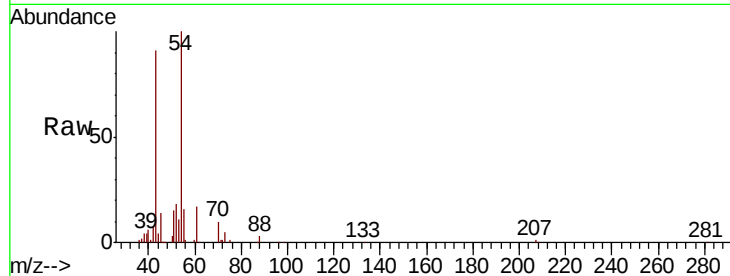
#37
Ethyl Acetate
Concen: 25.17 ug/l
RT: 7.26 min Scan# 878
Delta R.T. 0.00 min
Lab File: VW005316.D
Acq: 12 Sep 2018 10:38

Instrument :
MSVOA_W
ClientSampleId :
VW0911SBSD02

Tot Ion	Ratio	Lower	Upper
43	100		
61	14.3	12.3	18.5
70	11.3	9.5	14.3

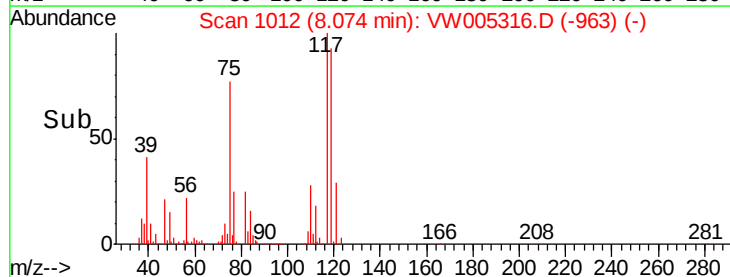
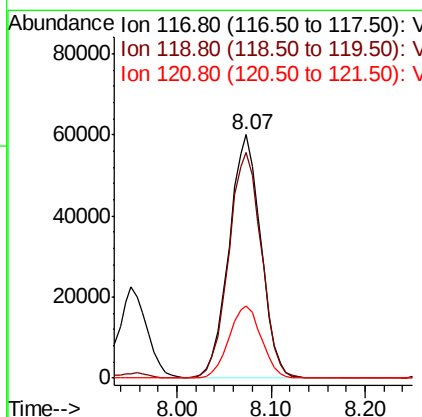
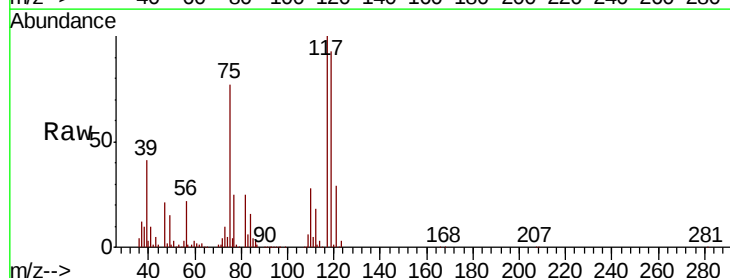
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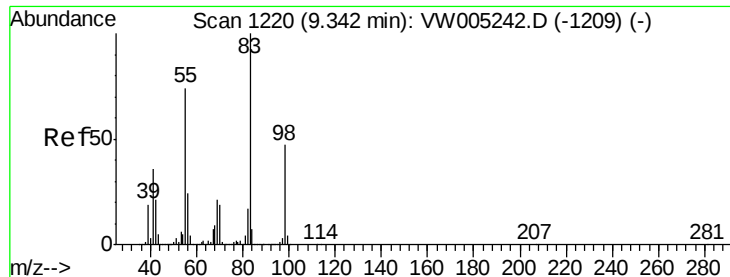
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#38
Carbon Tetrachloride
Concen: 20.88 ug/l
RT: 8.07 min Scan# 1012
Delta R.T. 0.00 min
Lab File: VW005316.D
Acq: 12 Sep 2018 10:38

Tgt Ion	Ratio	Lower	Upper
117	100		
119	92.7	77.5	116.3
121	29.4	24.7	37.1





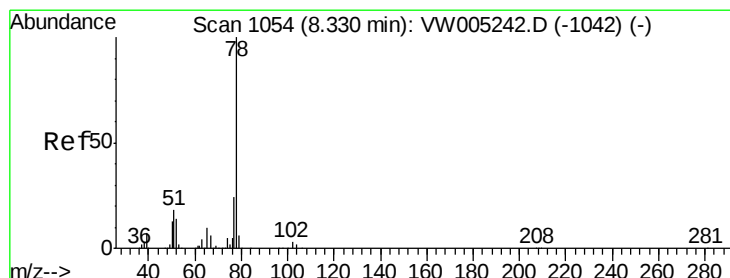
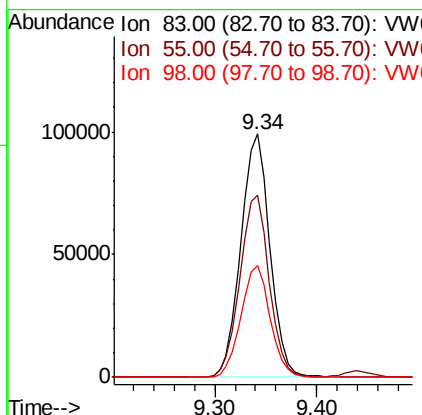
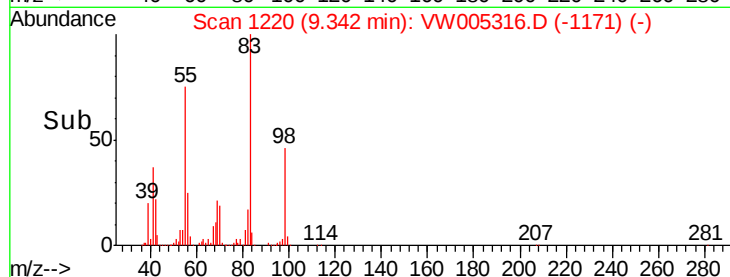
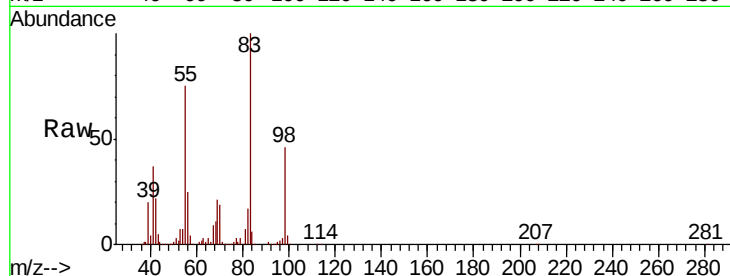
#39
Methvlcvclohexane
Concen: 20.56 ug/l
RT: 9.34 min Scan# 1220
Delta R.T. 0.00 min
Lab File: VW005316.D
Acq: 12 Sep 2018 10:38

Instrument :
MSVOA_W
ClientSampleId :
VW0911SBSD02

Tot Ion	Ratio	Resp	Lower	Upper
83	100	196553		
55	74.6		58.9	88.3
98	46.0		37.6	56.4

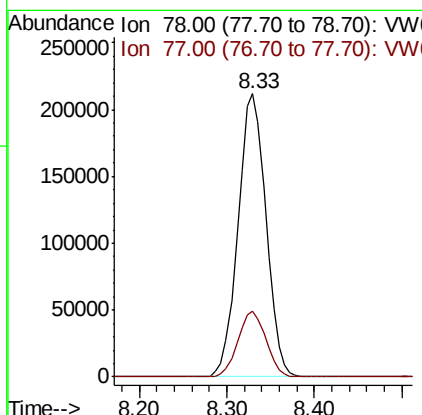
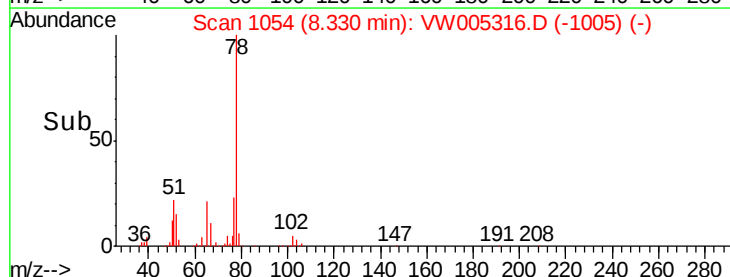
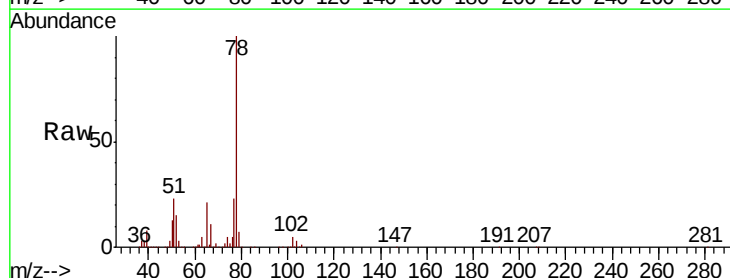
Manual Integrations
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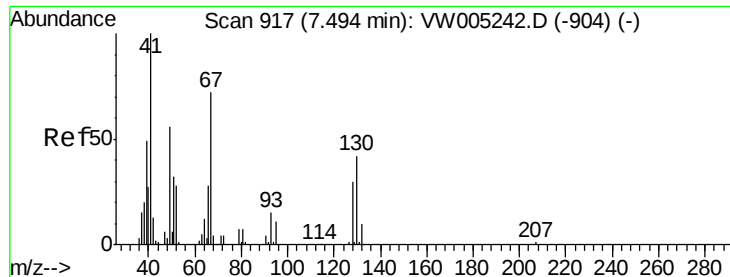
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#40
Benzene
Concen: 22.12 ug/l
RT: 8.33 min Scan# 1054
Delta R.T. 0.00 min
Lab File: VW005316.D
Acq: 12 Sep 2018 10:38

Tgt Ion	Ratio	Resp	Lower	Upper
78	100	469350		
77	23.3		18.9	28.3





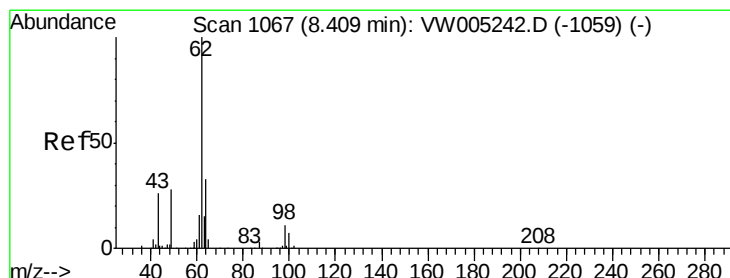
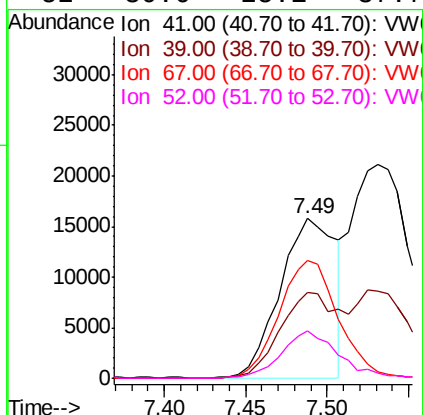
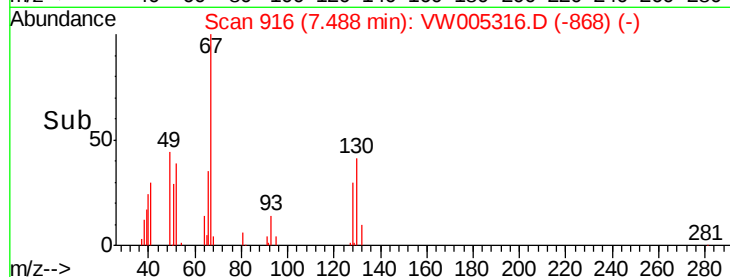
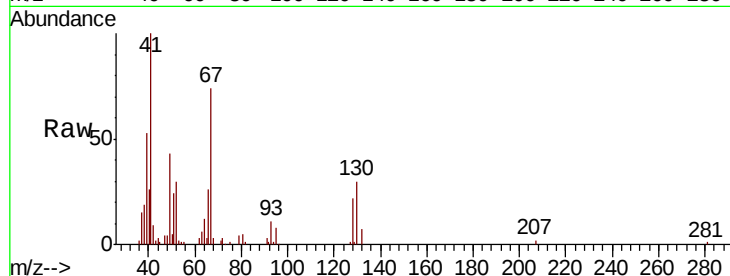
#41
Methacrylonitrile
Concen: 26.78 ug/l
RT: 7.49 min Scan# 916
Delta R.T. -0.01 min
Lab File: VW005316.D
Acq: 12 Sep 2018 10:38

Instrument :
MSVOA_W
ClientSampleId :
VW0911SBSD02

Tot Ion	Ratio	Lower	Upper
41	100		
39	58.3	39.9	59.9
67	78.0	65.7	98.5
52	30.6	25.1	37.7

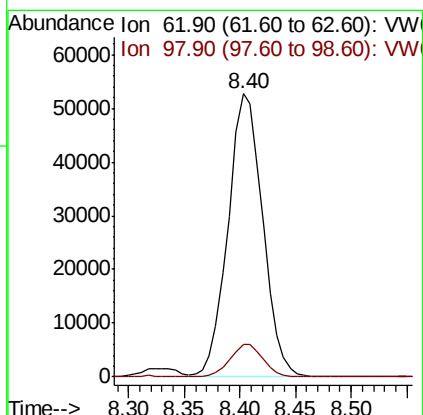
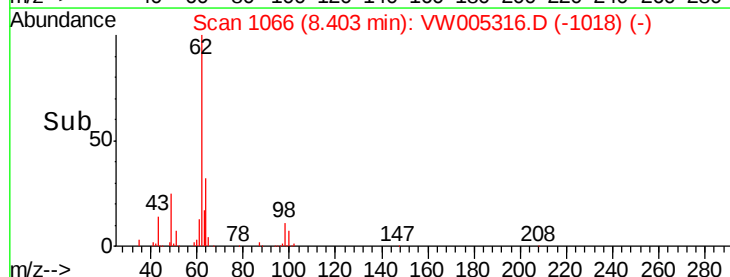
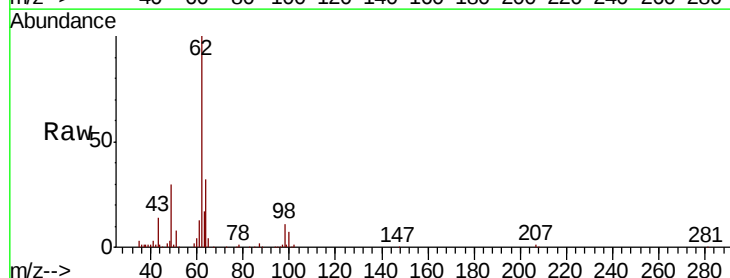
Manual Integrations
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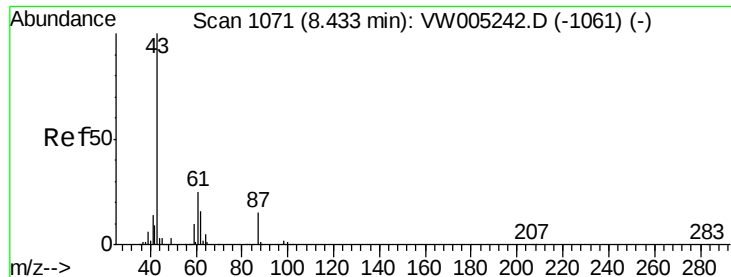
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#42
1,2-Dichloroethane
Concen: 22.41 ug/l
RT: 8.40 min Scan# 1066
Delta R.T. -0.01 min
Lab File: VW005316.D
Acq: 12 Sep 2018 10:38

Tgt Ion	Ratio	Lower	Upper
62	100		
98	10.9	0.0	22.0





#43

Isopropyl Acetate

Concen: 24.10 ug/l

RT: 8.43 min Scan# 1070

Delta R.T. -0.01 min

Lab File: VW005316.D

Acq: 12 Sep 2018 10:38

Instrument :

MSVOA_W

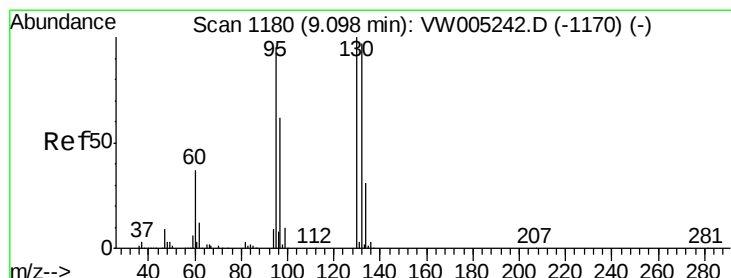
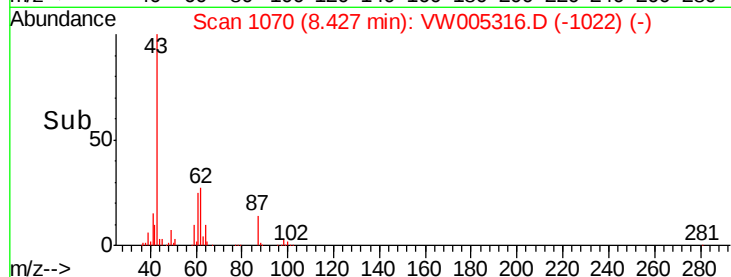
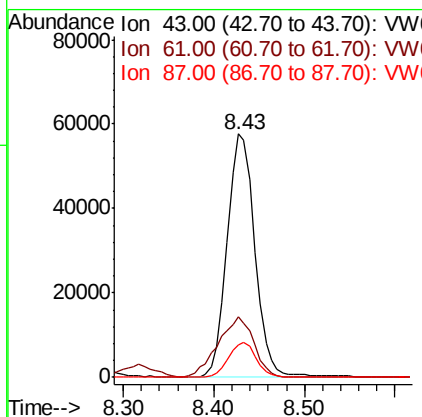
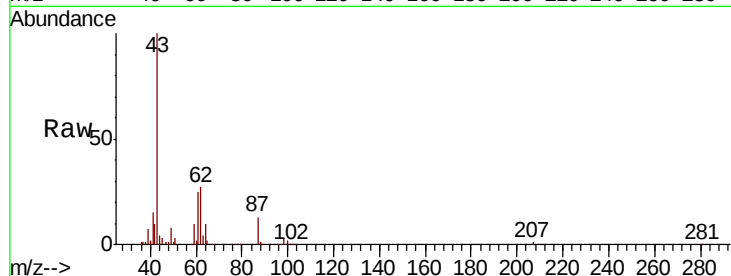
ClientSampleId :

VW0911SBS02

Tot Ion:	43	Resp:	122602
Ion Ratio		Lower	Upper
43	100		
61	31.7	25.4	38.0
87	14.5	11.9	17.9

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#44

Trichloroethene

Concen: 21.57 ug/l

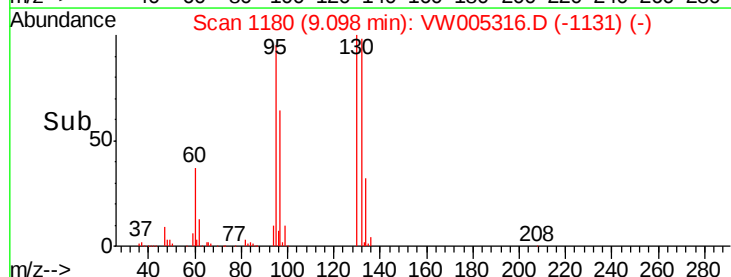
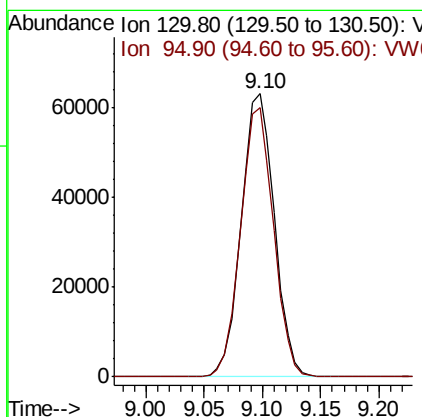
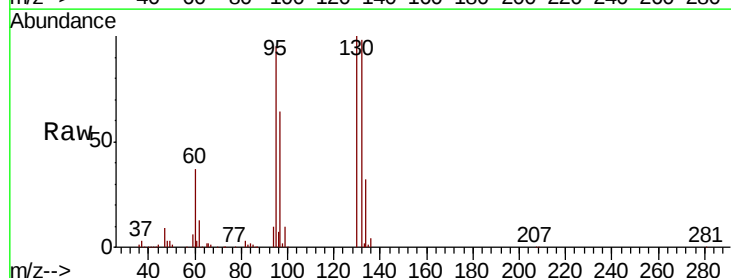
RT: 9.10 min Scan# 1180

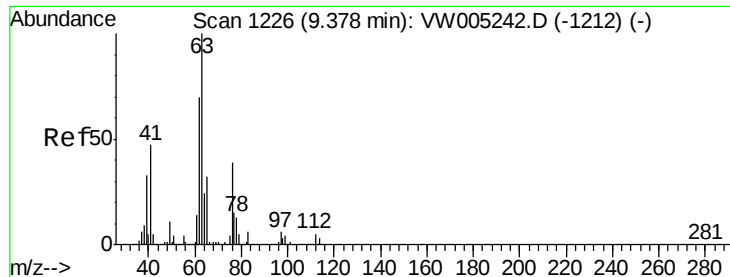
Delta R.T. 0.00 min

Lab File: VW005316.D

Acq: 12 Sep 2018 10:38

Tgt Ion:	130	Resp:	125565
Ion Ratio		Lower	Upper
130	100		
95	95.1	0.0	189.6





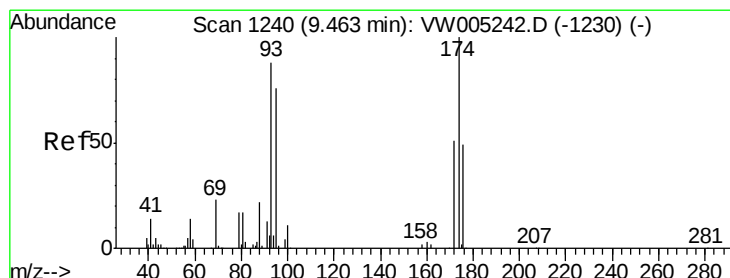
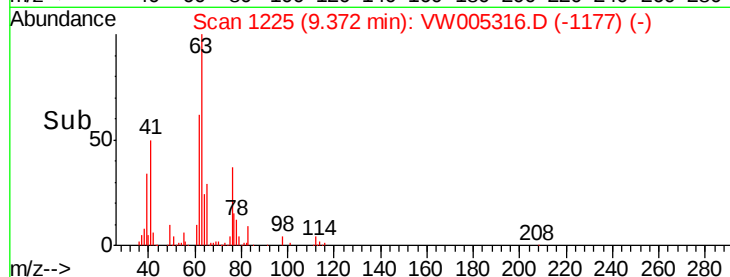
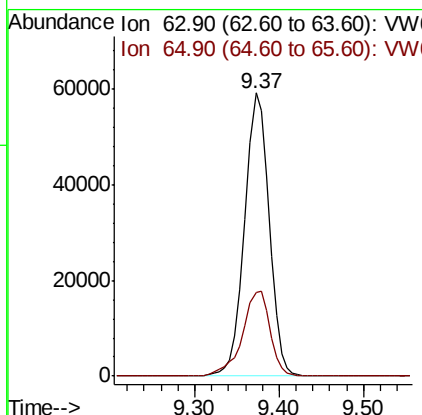
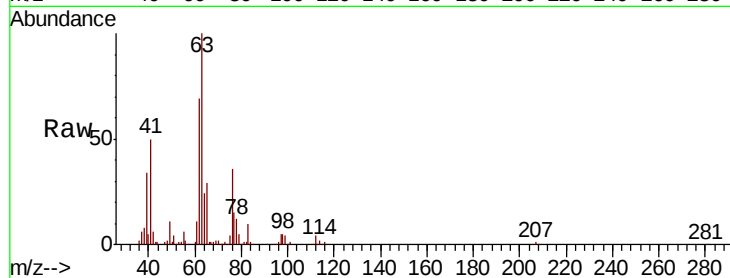
#45
 1,2-Dichloropropane
 Concen: 22.74 ug/l
 RT: 9.37 min Scan# 1225
 Delta R.T. -0.01 min
 Lab File: VW005316.D
 Acq: 12 Sep 2018 10:38

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0911SBS02

Tot Ion	Ratio	Lower	Upper
63	100		
65	29.4	25.4	38.2

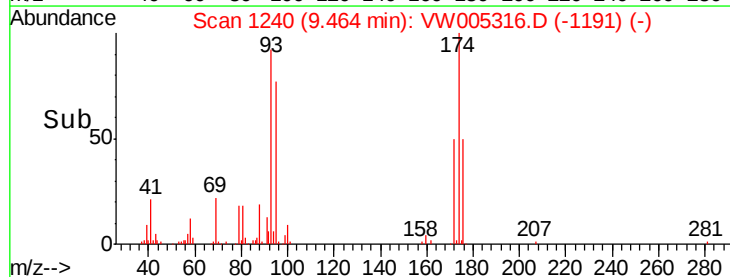
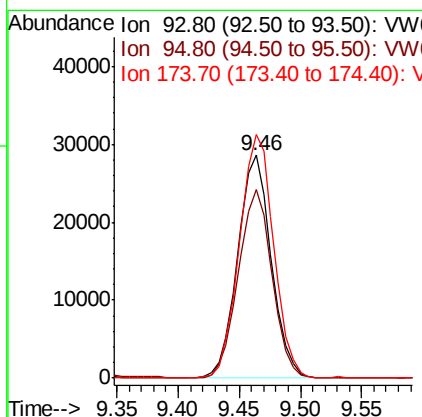
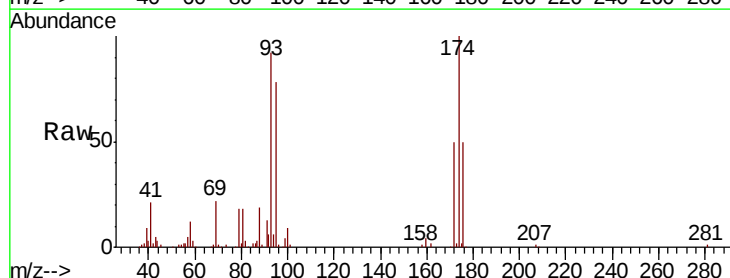
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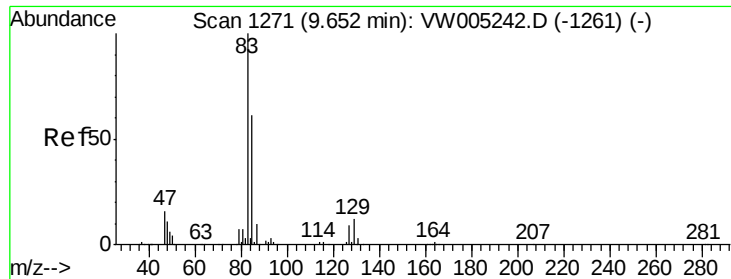
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#46
 Dibromomethane
 Concen: 21.75 ug/l
 RT: 9.46 min Scan# 1240
 Delta R.T. 0.00 min
 Lab File: VW005316.D
 Acq: 12 Sep 2018 10:38

Tgt Ion	Ratio	Lower	Upper
93	100		
95	85.6	67.0	100.4
174	111.5	92.2	138.2





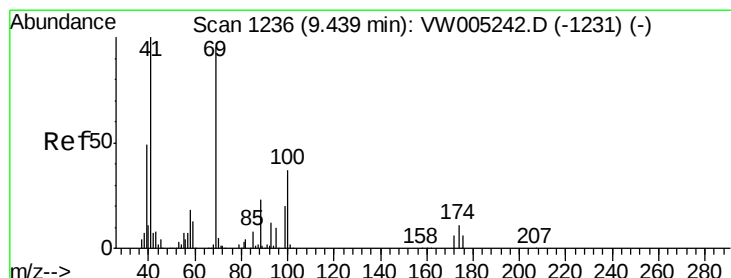
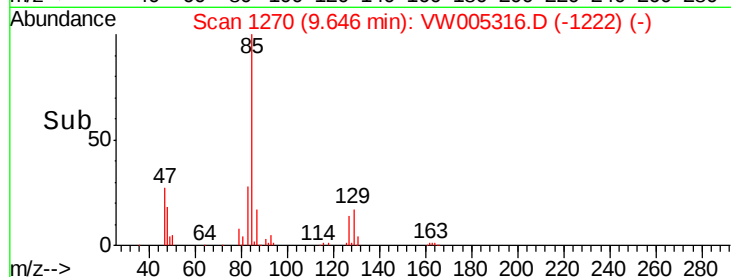
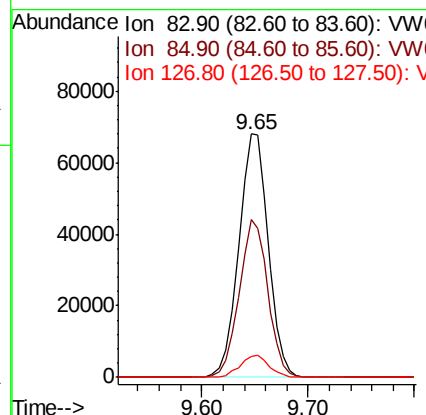
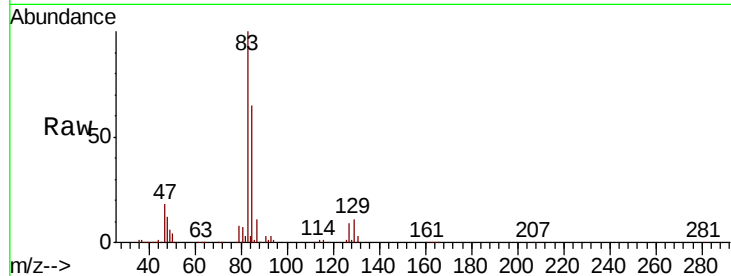
#47
Bromodichloromethane
Concen: 21.65 ug/l
RT: 9.65 min Scan# 1270
Delta R.T. -0.01 min
Lab File: VW005316.D
Acq: 12 Sep 2018 10:38

Instrument :
MSVOA_W
ClientSampleId :
VW0911SBSD02

Tot Ion	Ratio	Resp	Lower	Upper
83	100	132174		
85	64.9	49.0	73.6	
127	8.8	7.0	10.4	

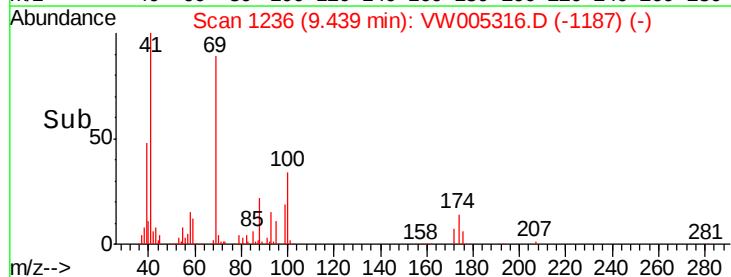
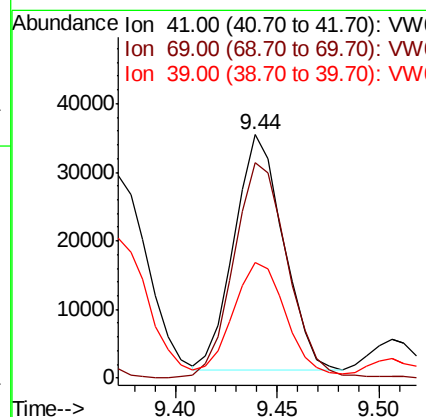
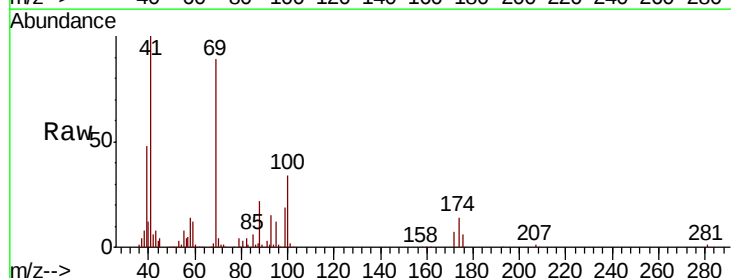
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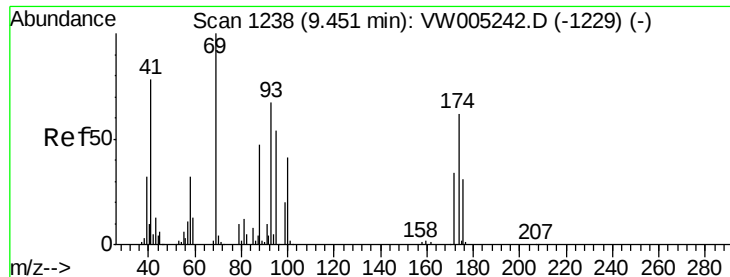
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#48
Methyl methacrylate
Concen: 21.86 ug/l
RT: 9.44 min Scan# 1236
Delta R.T. 0.00 min
Lab File: VW005316.D
Acq: 12 Sep 2018 10:38

Tgt Ion	Ratio	Resp	Lower	Upper
41	100	57734		
69	99.2	74.6	112.0	
39	48.8	36.7	55.1	





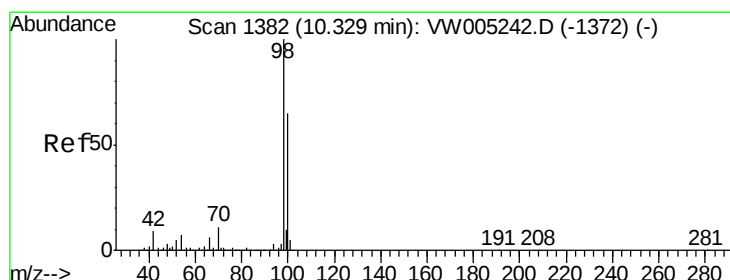
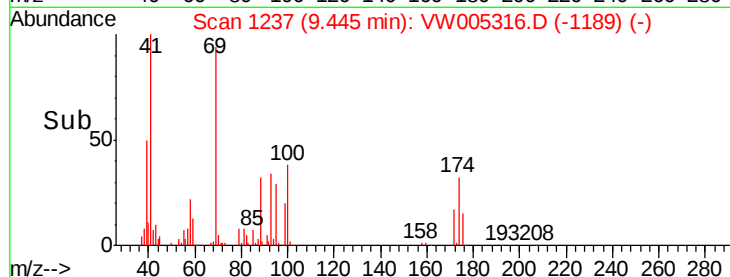
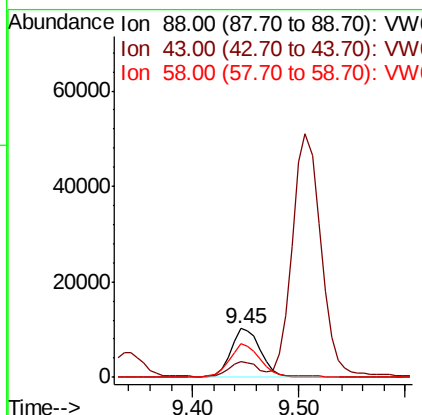
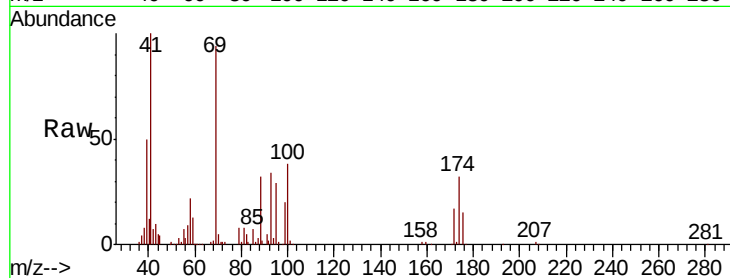
#49
1,4-Dioxane
Concen: 433.77 ug/l
RT: 9.45 min Scan# 1237
Delta R.T. -0.01 min
Lab File: VW005316.D
Acq: 12 Sep 2018 10:38

Instrument :
MSVOA_W
ClientSampleId :
VW0911SBSD02

Tot Ion	88	Resp	20214
Ion	Ratio	Lower	Upper
88	100		
43	30.2	22.7	34.1
58	69.2	56.6	85.0

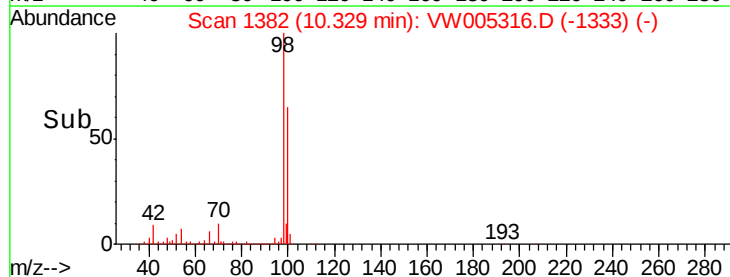
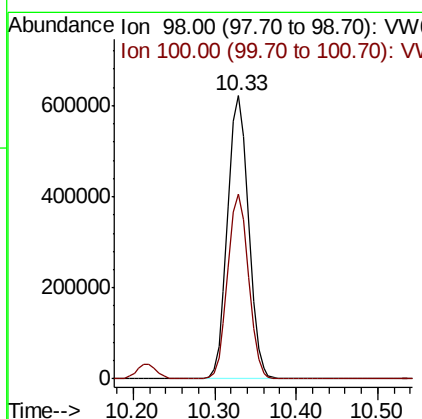
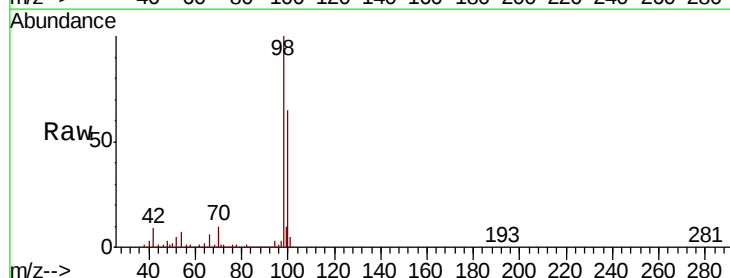
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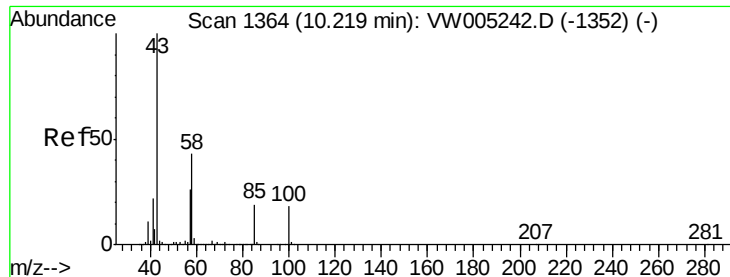
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#50
Toluene-d8
Concen: 52.86 ug/l
RT: 10.33 min Scan# 1382
Delta R.T. 0.00 min
Lab File: VW005316.D
Acq: 12 Sep 2018 10:38

Tgt Ion	98	Resp	1099842
Ion	Ratio	Lower	Upper
98	100		
100	65.0	52.0	78.0





#51

4-Methyl-2-Pentanone

Concen: 116.69 ug/l

RT: 10.21 min Scan# 1363

Delta R.T. -0.01 min

Lab File: VW005316.D

Acq: 12 Sep 2018 10:38

Instrument :

MSVOA_W

ClientSampled :

VW0911SBSD02

Tot Ion: 43 Resp: 334002

Ion Ratio Lower Upper

43 100

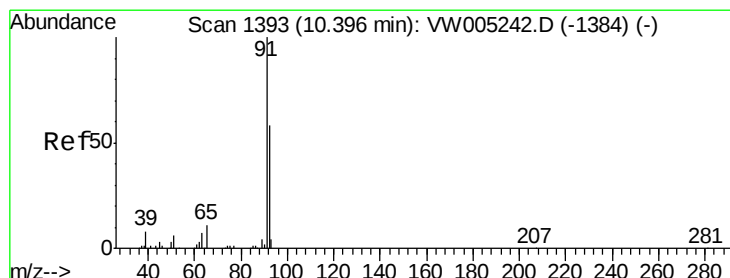
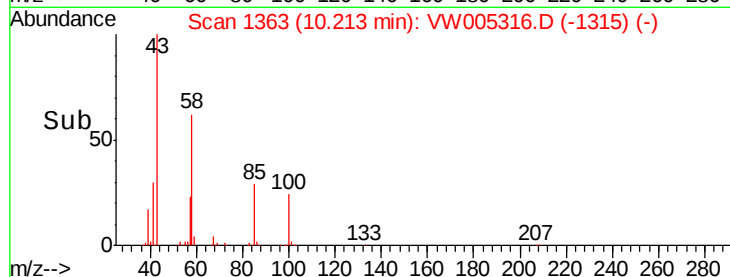
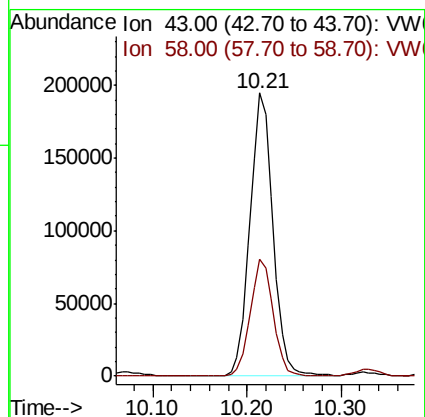
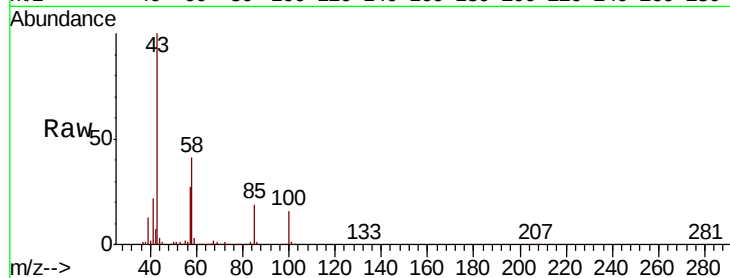
58 41.2 33.8 50.6

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#52

Toluene

Concen: 20.91 ug/l

RT: 10.39 min Scan# 1392

Delta R.T. -0.01 min

Lab File: VW005316.D

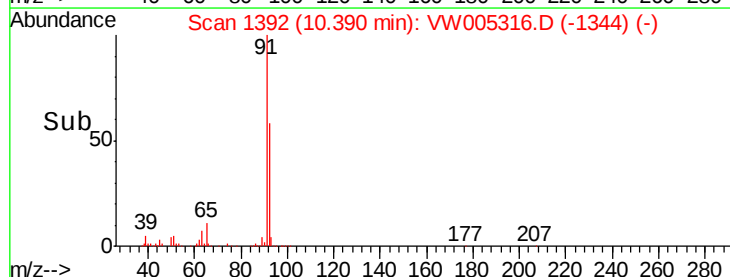
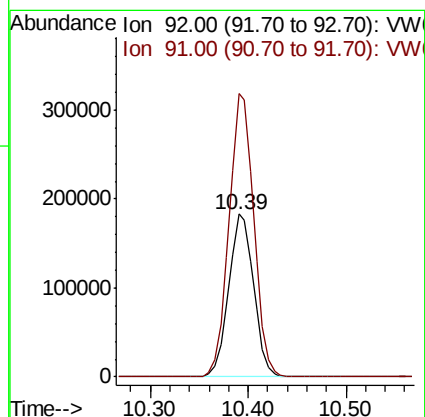
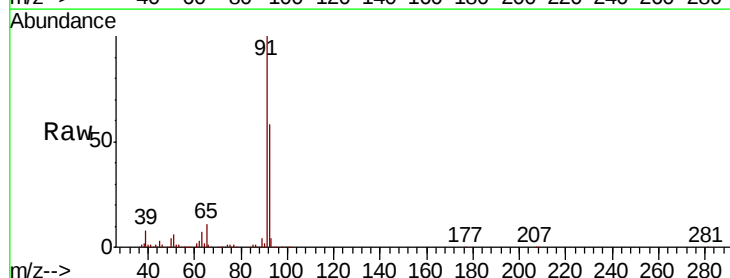
Acq: 12 Sep 2018 10:38

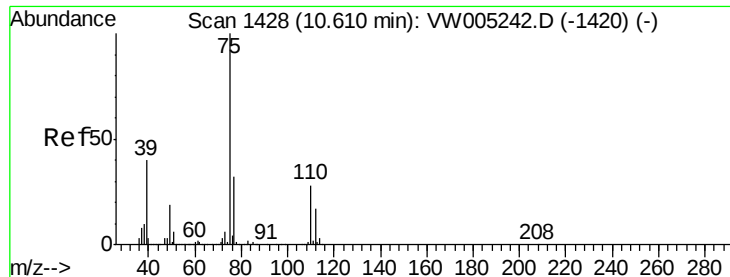
Tgt Ion: 92 Resp: 322364

Ion Ratio Lower Upper

92 100

91 173.8 137.4 206.0





#53

t-1,3-Dichloropropene

Concen: 21.53 ug/l

RT: 10.61 min Scan# 1428

Delta R.T. 0.00 min

Lab File: VW005316.D

Acq: 12 Sep 2018 10:38

Instrument :

MSVOA_W

ClientSampleId :

VW0911SBSD02

Tot Ion: 75 Resp: 142050

Ion Ratio Lower Upper

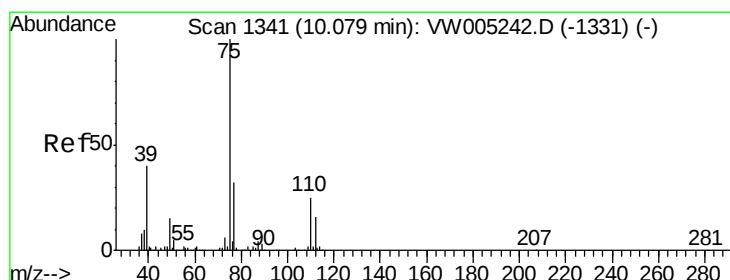
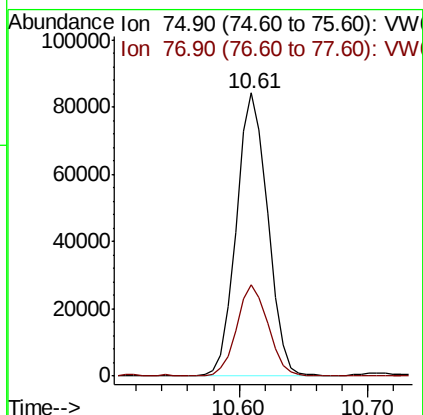
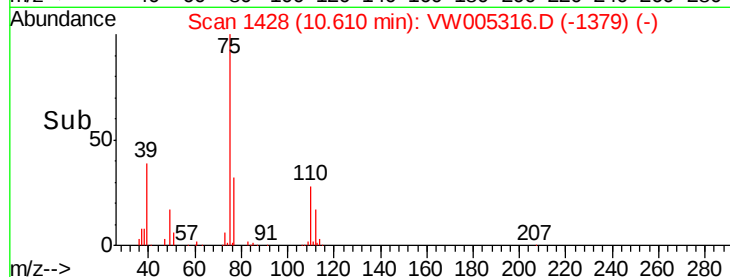
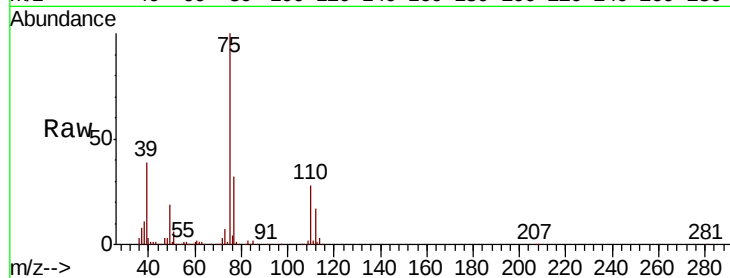
75 100

77 31.9 25.8 38.8

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#54

cis-1,3-Dichloropropene

Concen: 21.87 ug/l

RT: 10.08 min Scan# 1341

Delta R.T. 0.00 min

Lab File: VW005316.D

Acq: 12 Sep 2018 10:38

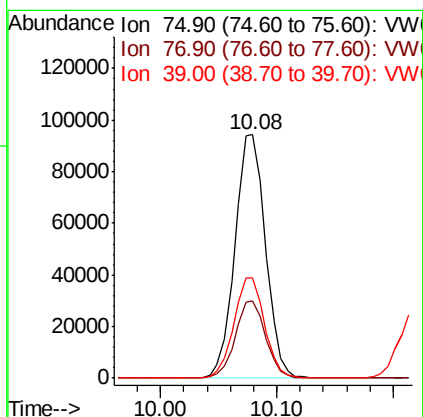
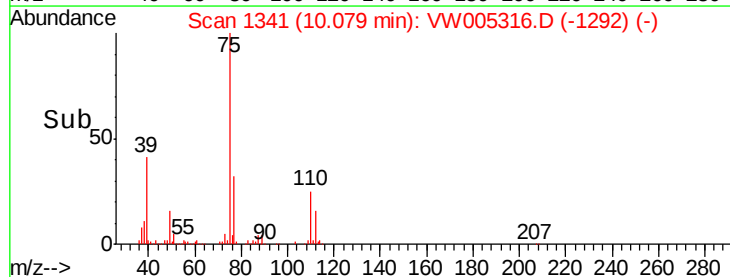
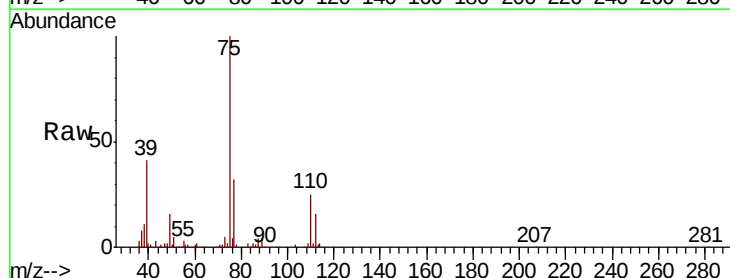
Tgt Ion: 75 Resp: 172800

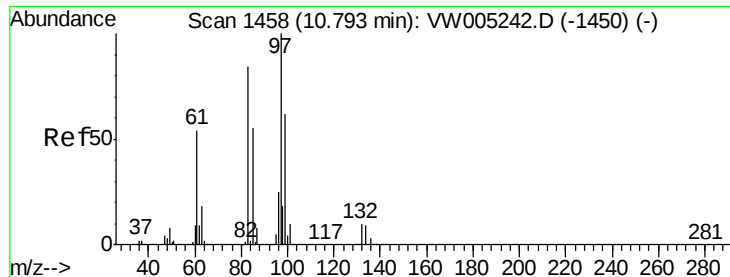
Ion Ratio Lower Upper

75 100

77 31.5 25.5 38.3

39 40.9 31.8 47.6





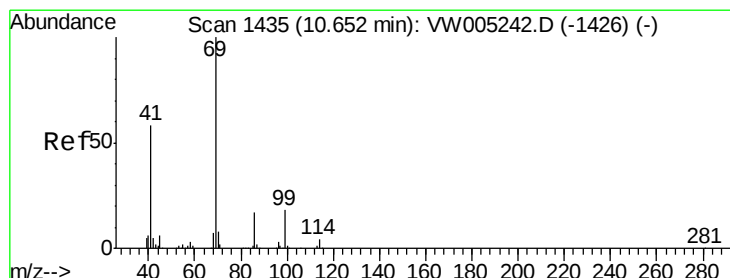
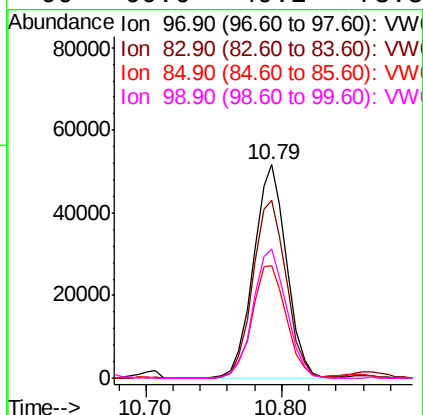
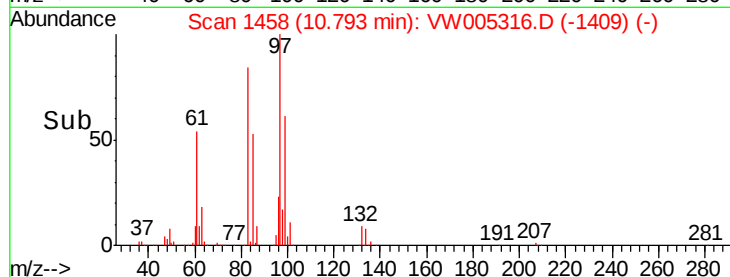
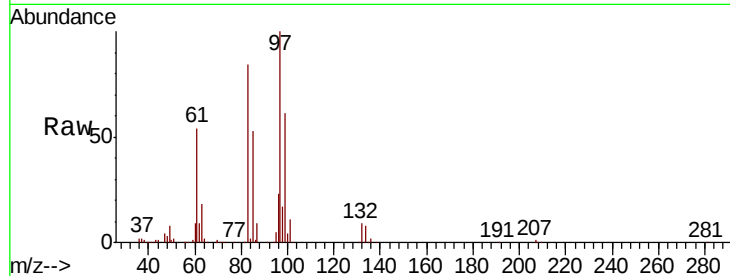
#55
 1,1,2-Trichloroethane
 Concen: 22.11 ug/l
 RT: 10.79 min Scan# 1458
 Delta R.T. 0.00 min
 Lab File: VW005316.D
 Acq: 12 Sep 2018 10:38

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0911SBSD02

Tot Ion:	97	Resp:	87990
Ion	Ratio	Lower	Upper
97	100		
83	83.6	67.2	100.8
85	53.0	44.4	66.6
99	60.6	49.2	73.8

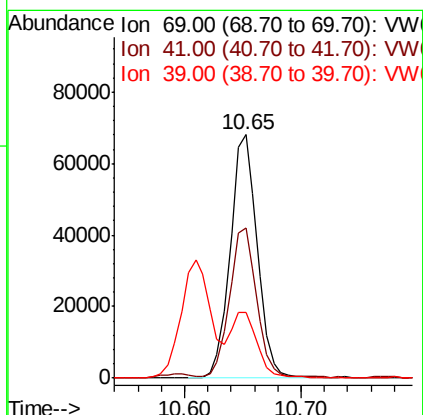
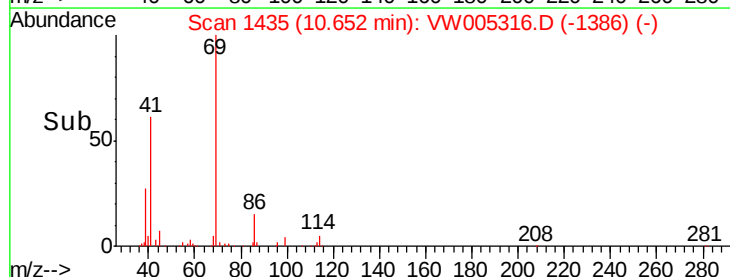
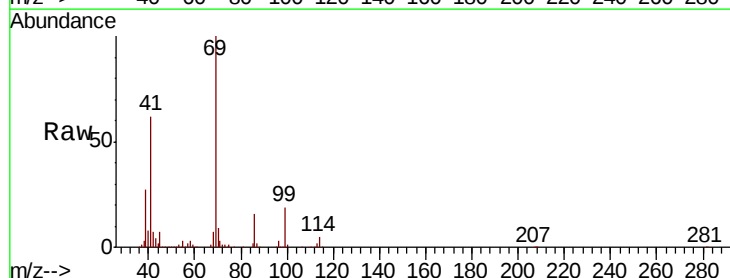
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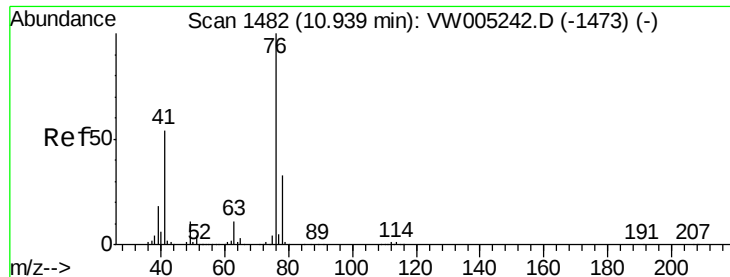
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#56
 Ethyl methacrylate
 Concen: 21.76 ug/l
 RT: 10.65 min Scan# 1435
 Delta R.T. 0.00 min
 Lab File: VW005316.D
 Acq: 12 Sep 2018 10:38

Tgt Ion:	69	Resp:	109767
Ion	Ratio	Lower	Upper
69	100		
41	61.8	48.7	73.1
39	25.8	20.9	31.3





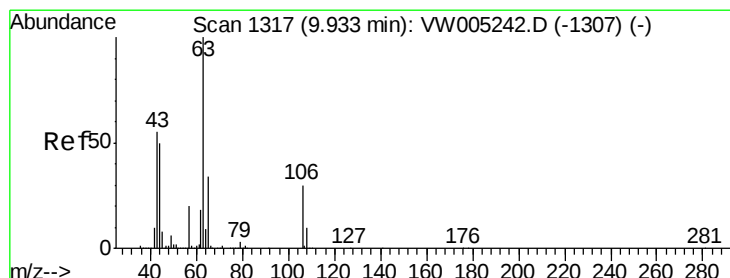
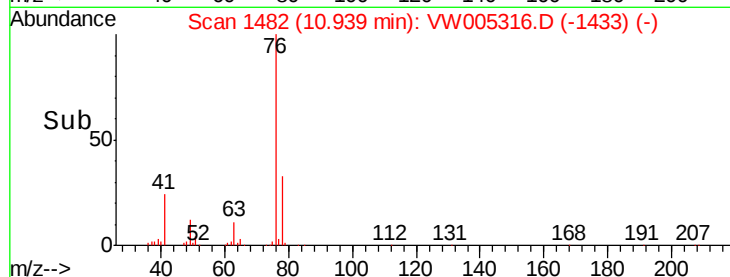
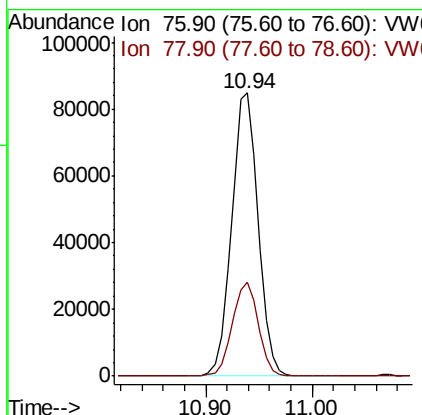
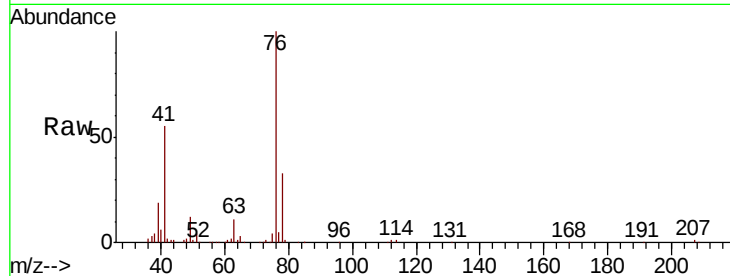
#57
 1,3-Dichloropropane
 Concen: 22.33 ug/l
 RT: 10.94 min Scan# 1482
 Delta R.T. 0.00 min
 Lab File: VW005316.D
 Acq: 12 Sep 2018 10:38

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0911SBSD02

Tot Ion	Ratio	Lower	Upper
76	100		
78	32.7	26.0	39.0

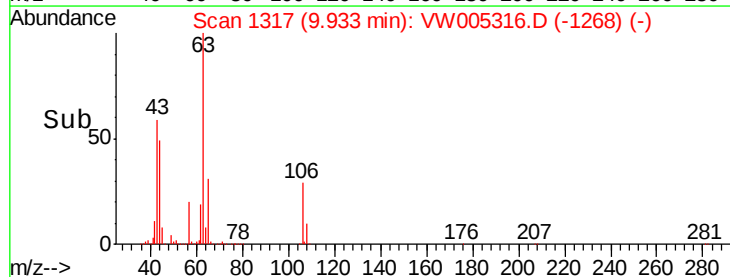
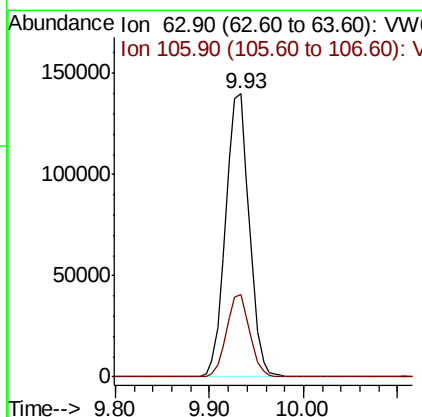
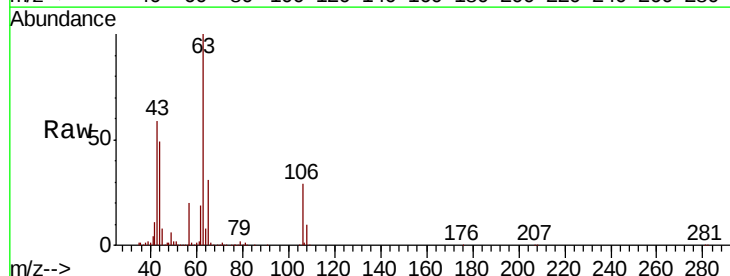
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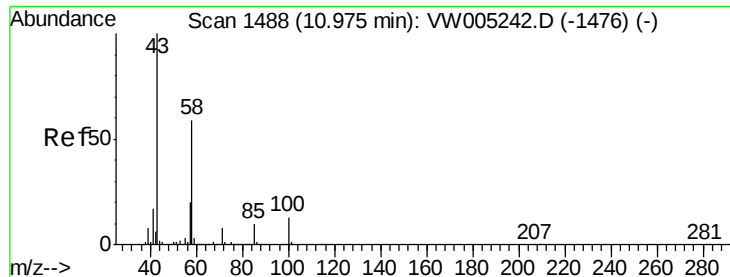
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#58
 2-Chloroethyl Vinyl ether
 Concen: 111.30 ug/l
 RT: 9.93 min Scan# 1317
 Delta R.T. 0.00 min
 Lab File: VW005316.D
 Acq: 12 Sep 2018 10:38

Tgt Ion	Ratio	Lower	Upper
63	100		
106	28.6	23.4	35.0





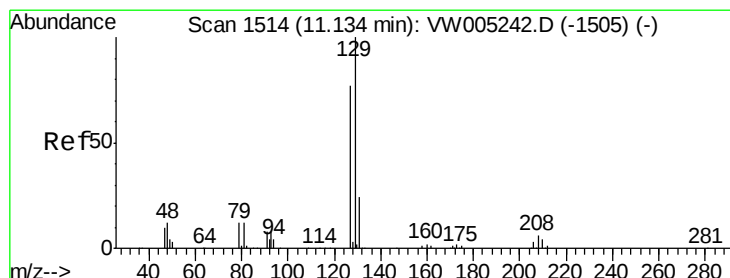
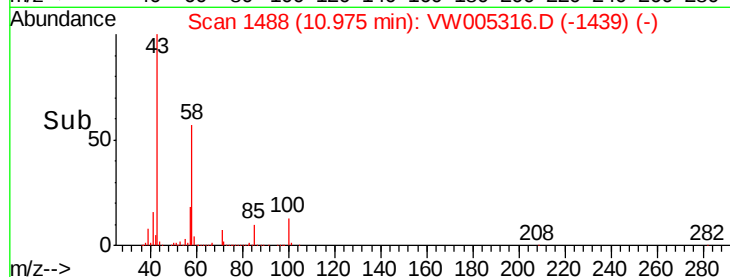
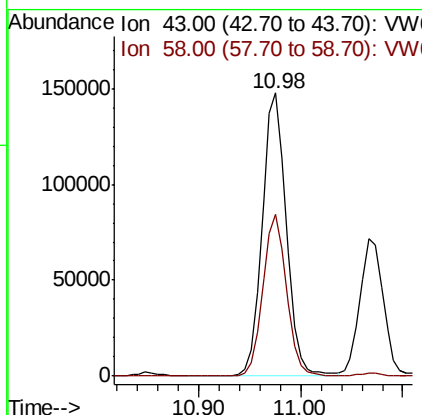
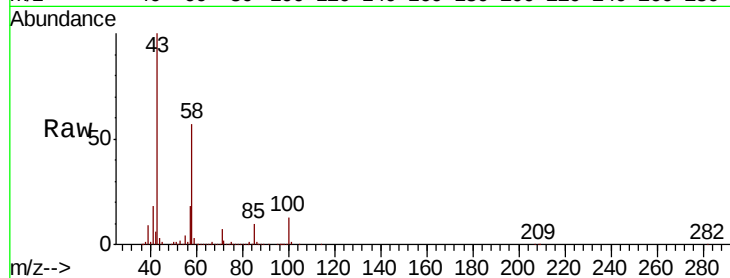
#59
2-Hexanone
Concen: 118.07 ug/l
RT: 10.98 min Scan# 1488
Delta R.T. 0.00 min
Lab File: VW005316.D
Acq: 12 Sep 2018 10:38

Instrument :
MSVOA_W
ClientSampleId :
VW0911SBSD02

Tot Ion: 43 Resp: 243640
Ion Ratio Lower Upper
43 100
58 56.3 29.3 87.9

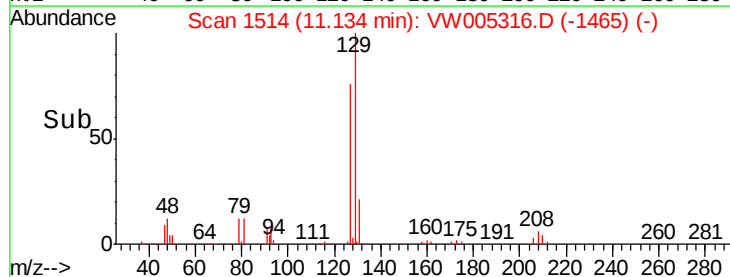
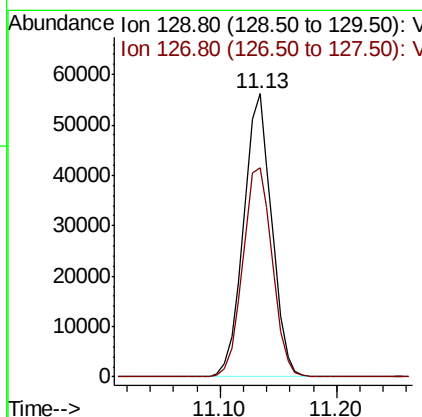
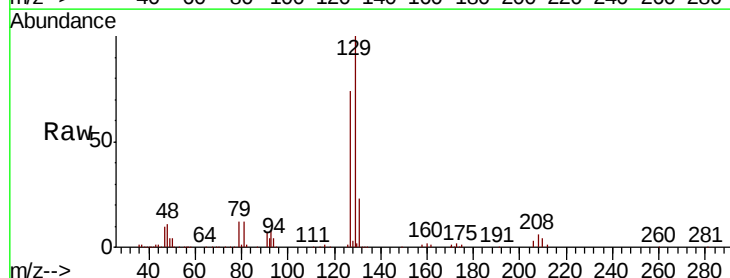
Manual Integrations
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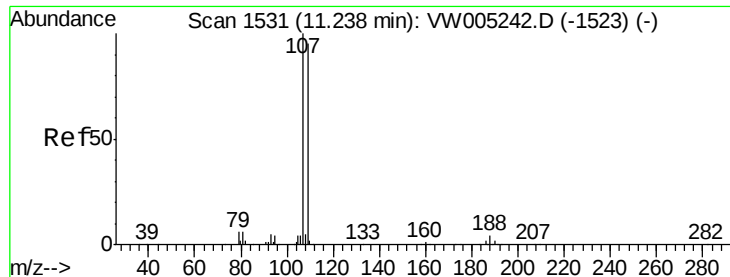
apatel
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#60
Dibromochloromethane
Concen: 21.46 ug/l
RT: 11.13 min Scan# 1514
Delta R.T. 0.00 min
Lab File: VW005316.D
Acq: 12 Sep 2018 10:38

Tgt Ion: 129 Resp: 94783
Ion Ratio Lower Upper
129 100
127 77.5 39.0 117.0





#61

1,2-Dibromoethane

Concen: 21.84 ug/l

RT: 11.24 min Scan# 1531

Delta R.T. 0.00 min

Lab File: VW005316.D

Acq: 12 Sep 2018 10:38

Instrument :

MSVOA_W

ClientSampleId :

VW0911SBSD02

Tot Ion: 107 Resp: 79712

Ion Ratio Lower Upper

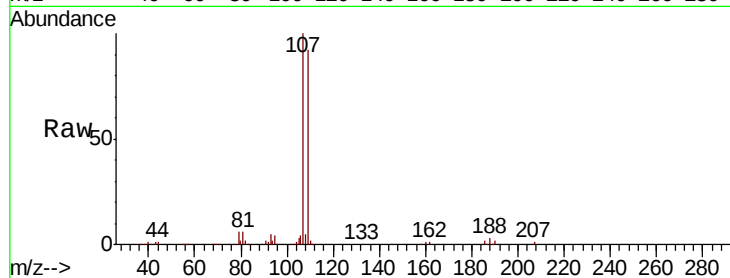
107 100

109 92.9 75.7 113.5

Manual Integrations
APPROVED

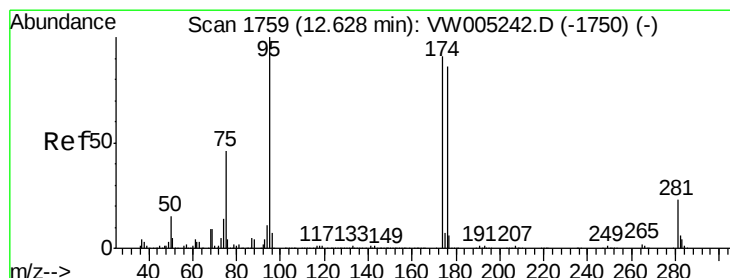
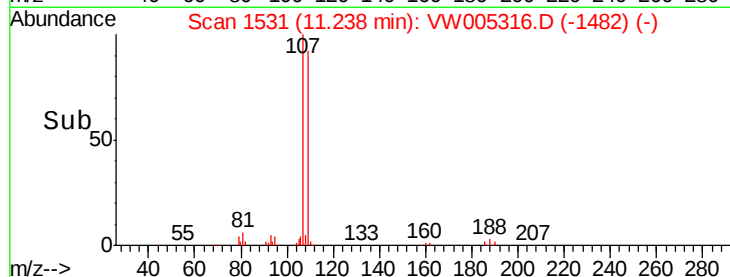
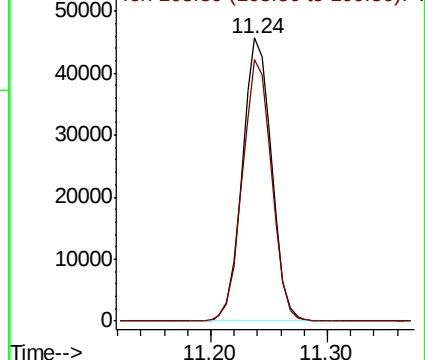
apatel

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Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 52.79 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.01 min

Lab File: VW005316.D

Acq: 12 Sep 2018 10:38

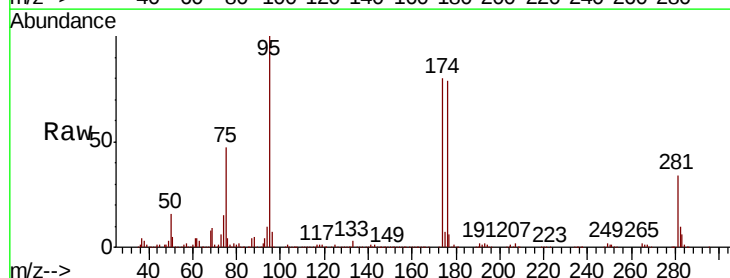
Tgt Ion: 95 Resp: 401708

Ion Ratio Lower Upper

95 100

174 84.6 0.0 174.6

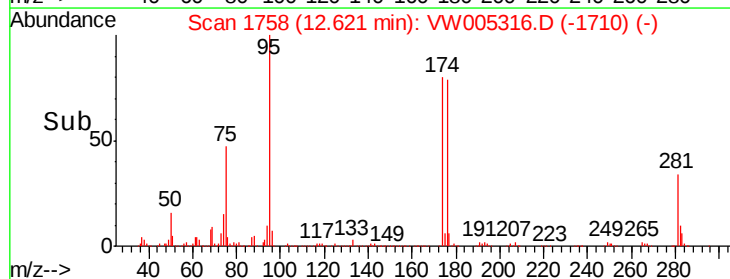
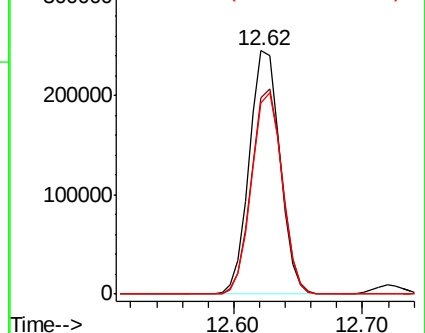
176 82.8 0.0 167.6

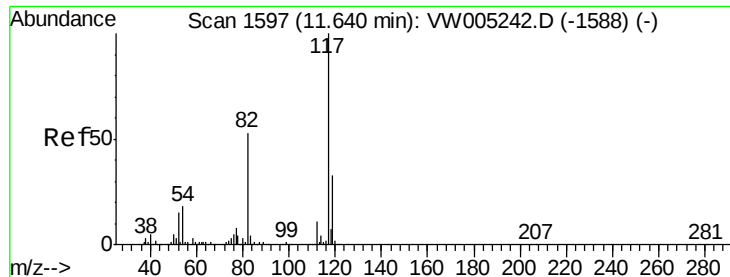


Abundance Ion 94.90 (94.60 to 95.60): VW

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V





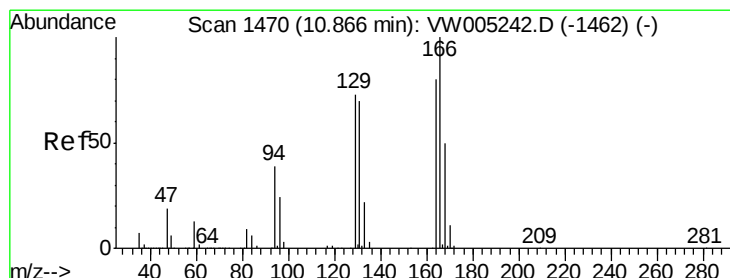
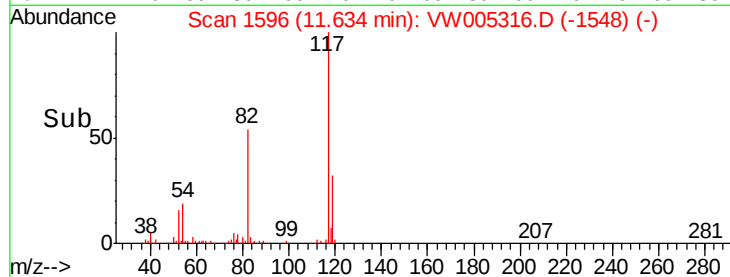
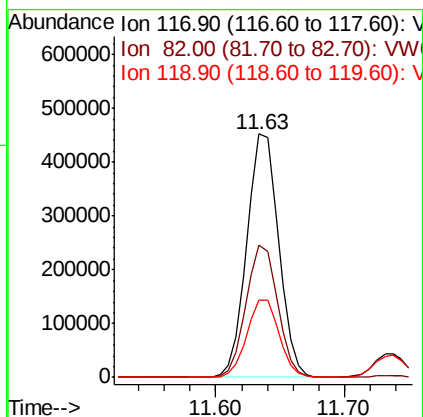
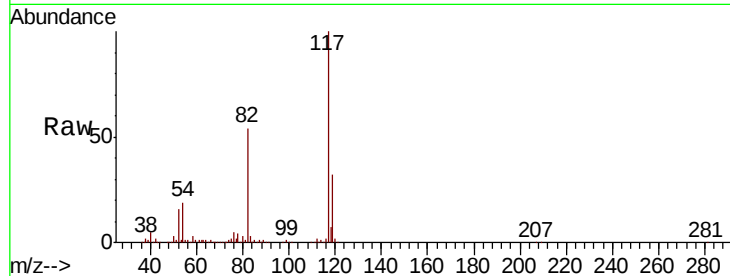
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.01 min
Lab File: VW005316.D
Acq: 12 Sep 2018 10:38

Instrument :
MSVOA_W
ClientSampleId :
VW0911SBSD02

Tot Ion	Ratio	Lower	Upper
117	100		
82	54.4	42.6	63.8
119	31.9	26.2	39.4

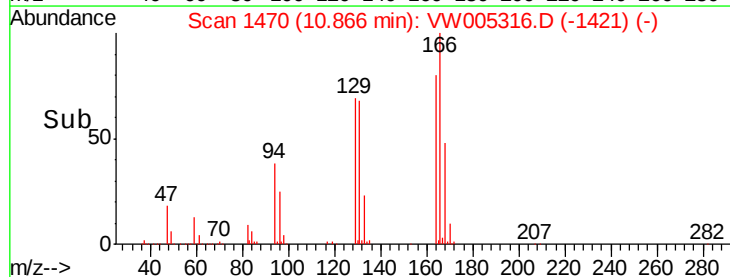
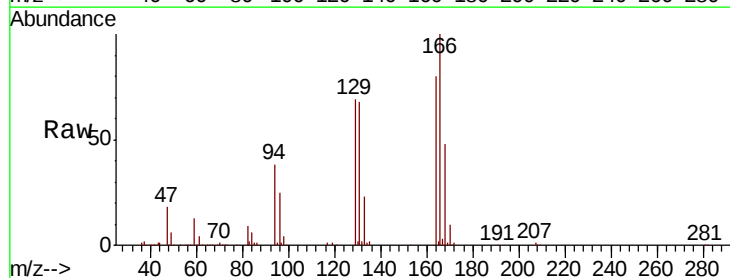
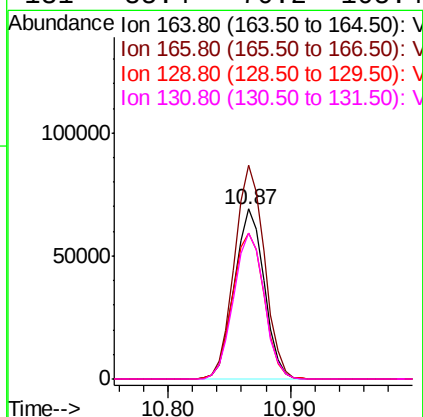
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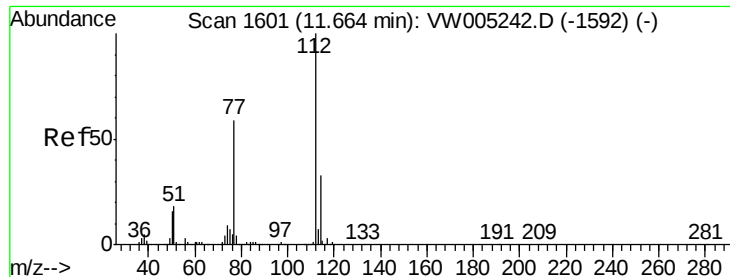
apatel
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#64
Tetrachloroethene
Concen: 20.42 ug/l
RT: 10.87 min Scan# 1470
Delta R.T. 0.00 min
Lab File: VW005316.D
Acq: 12 Sep 2018 10:38

Tgt Ion	Ratio	Lower	Upper
164	100		
166	125.6	100.2	150.2
129	86.1	73.2	109.8
131	85.4	70.2	105.4





#65

Chlorobenzene

Concen: 21.01 ug/l

RT: 11.66 min Scan# 1601

Delta R.T. 0.00 min

Lab File: VW005316.D

Acq: 12 Sep 2018 10:38

Instrument :

MSVOA_W

ClientSampleId :

VW0911SBSD02

Tot Ion:112 Resp: 355011

Ion Ratio Lower Upper

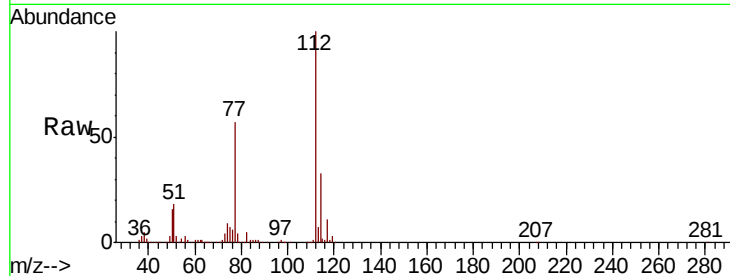
112 100

114 32.6 26.2 39.4

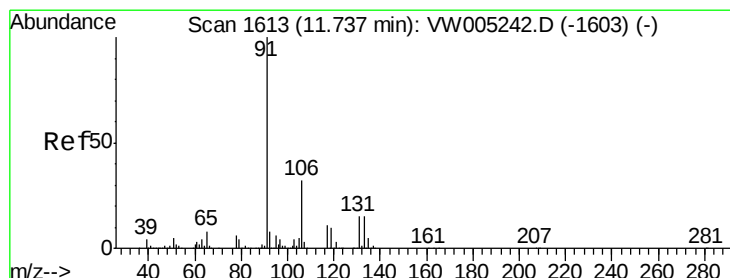
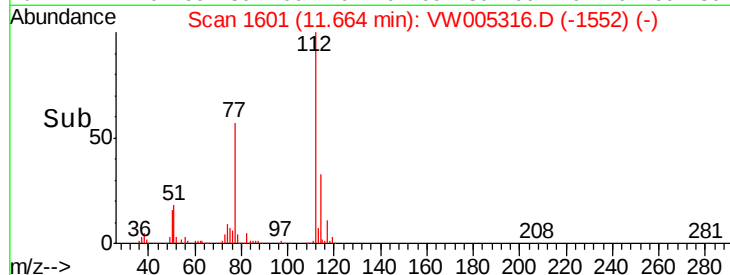
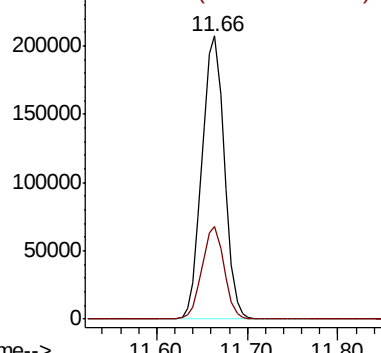
Manual Integrations
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Abundance Ion 111.90 (111.60 to 112.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 21.30 ug/l

RT: 11.74 min Scan# 1613

Delta R.T. 0.00 min

Lab File: VW005316.D

Acq: 12 Sep 2018 10:38

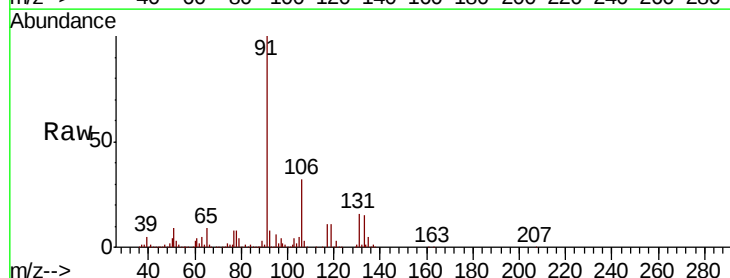
Tgt Ion:131 Resp: 107454

Ion Ratio Lower Upper

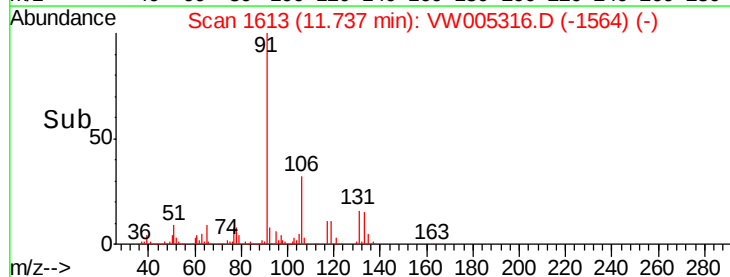
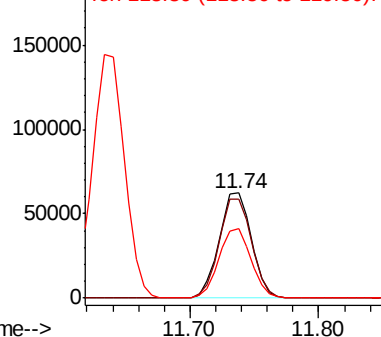
131 100

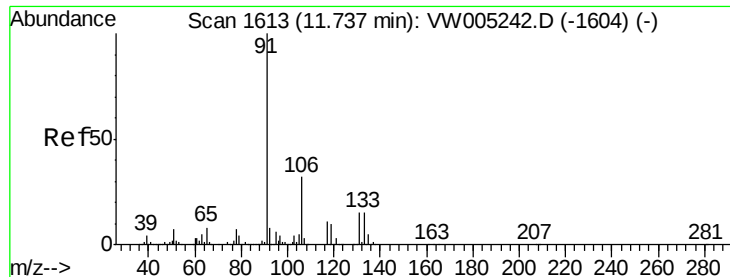
133 95.6 48.1 144.3

119 66.2 33.4 100.1



Abundance Ion 130.80 (130.50 to 131.50): V





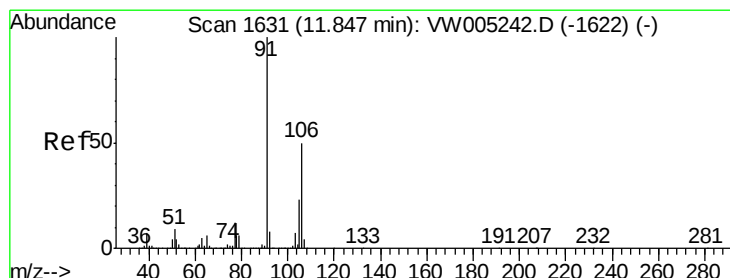
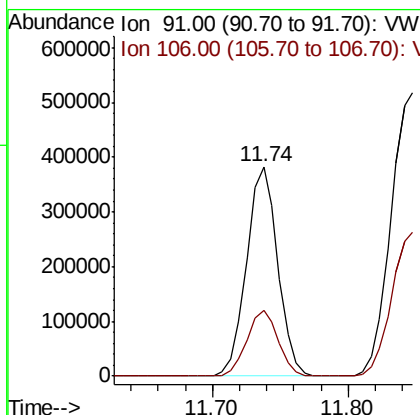
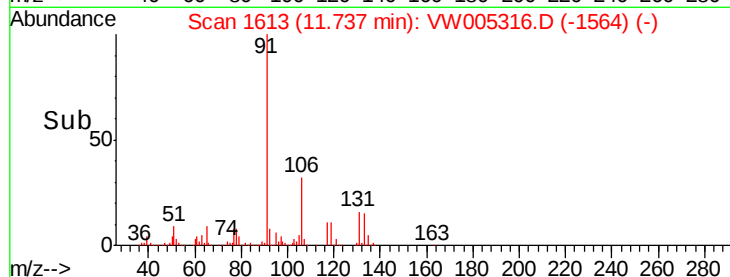
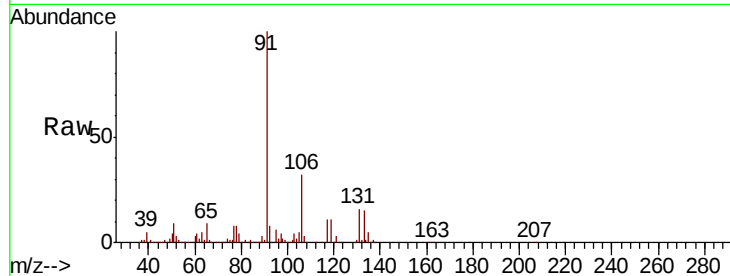
#67
Ethyl Benzene
Concen: 20.88 ug/l
RT: 11.74 min Scan# 1613
Delta R.T. 0.00 min
Lab File: VW005316.D
Acq: 12 Sep 2018 10:38

Instrument :
MSVOA_W
ClientSampleId :
VW0911SBSD02

Tot Ion: 91 Resp: 614368
Ion Ratio Lower Upper
91 100
106 31.7 25.6 38.4

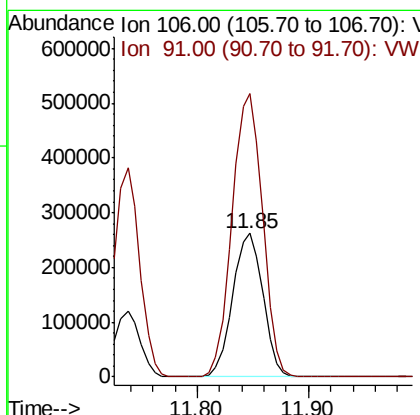
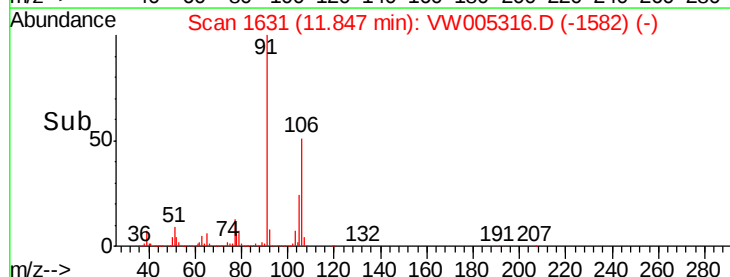
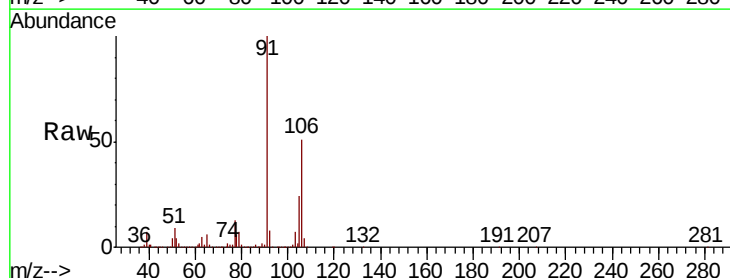
Manual Integrations
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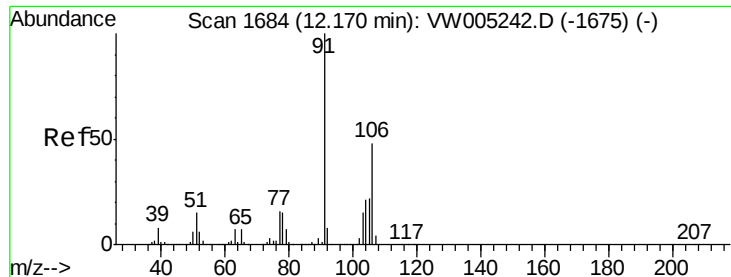
apatel
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#68
m/p-Xylenes
Concen: 41.53 ug/l
RT: 11.85 min Scan# 1631
Delta R.T. 0.00 min
Lab File: VW005316.D
Acq: 12 Sep 2018 10:38

Tgt Ion: 106 Resp: 492431
Ion Ratio Lower Upper
106 100
91 199.3 160.2 240.2





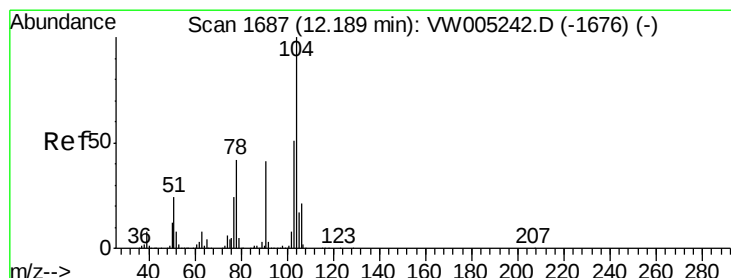
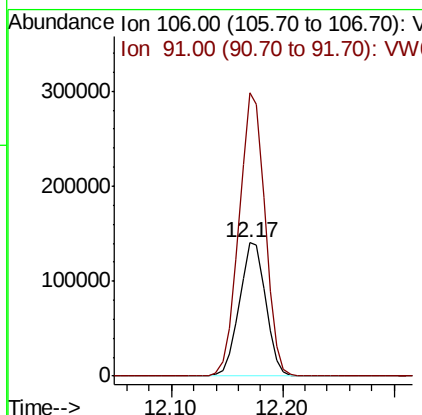
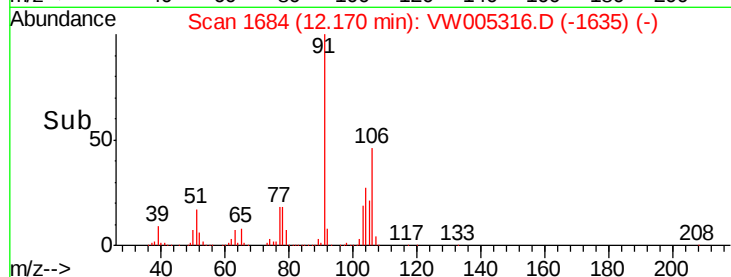
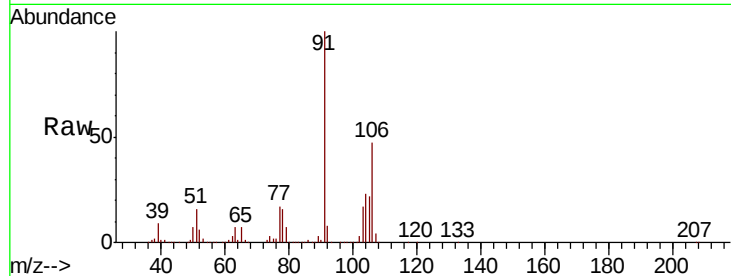
#69
o-Xylene
Concen: 20.88 ug/l
RT: 12.17 min Scan# 1684
Delta R.T. 0.00 min
Lab File: VW005316.D
Acq: 12 Sep 2018 10:38

Instrument :
MSVOA_W
ClientSampleId :
VW0911SBSD02

Tot Ion	Ion	Ratio	Lower	Upper
106	106	100		
91	209.5	104.1	312.3	

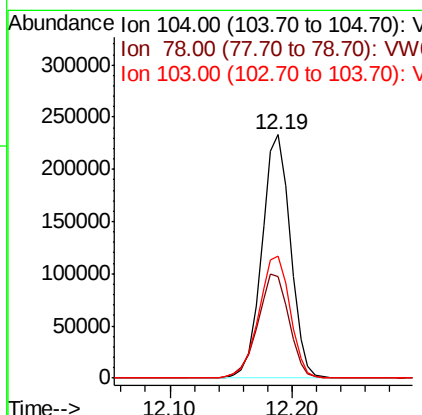
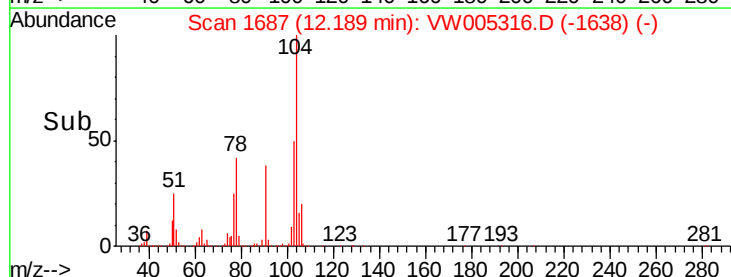
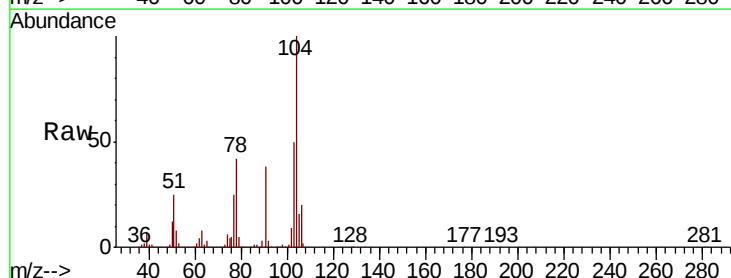
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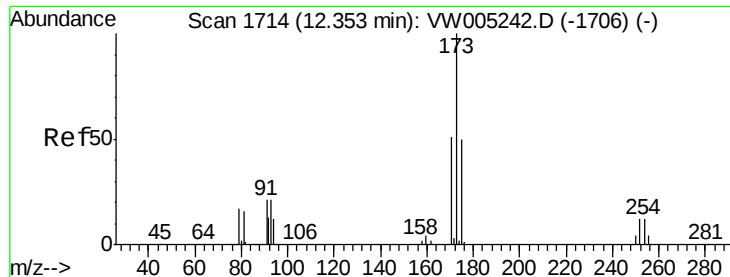
apatel
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#70
Styrene
Concen: 21.04 ug/l
RT: 12.19 min Scan# 1687
Delta R.T. 0.00 min
Lab File: VW005316.D
Acq: 12 Sep 2018 10:38

Tgt Ion	Ion	Ratio	Lower	Upper
104	104	100		
78	47.1	37.4	56.2	
103	55.1	44.1	66.1	





#71

Bromoform

Concen: 21.07 ug/l

RT: 12.35 min Scan# 1714

Delta R.T. 0.00 min

Lab File: VW005316.D

Acq: 12 Sep 2018 10:38

Instrument :

MSVOA_W

ClientSampleId :

VW0911SBSD02

Tot Ion:173 Resp: 57640

Ion Ratio Lower Upper

173 100

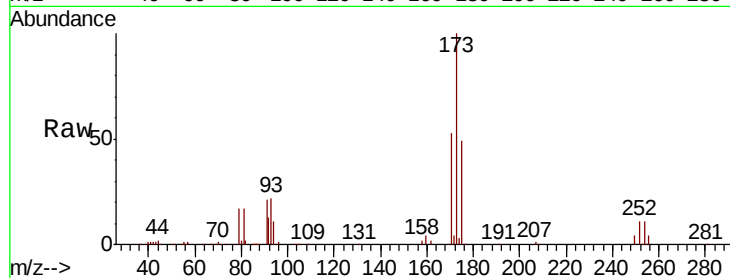
175 48.5 24.9 74.6

254 0.1 0.1 0.1#

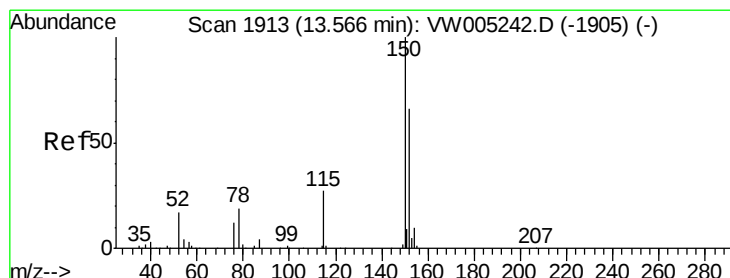
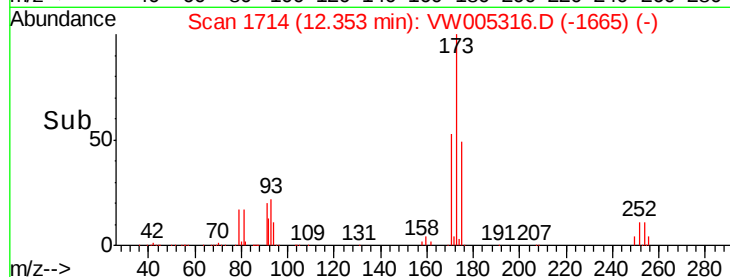
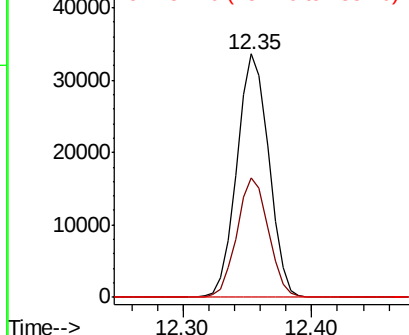
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Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 13.57 min Scan# 1913

Delta R.T. 0.00 min

Lab File: VW005316.D

Acq: 12 Sep 2018 10:38

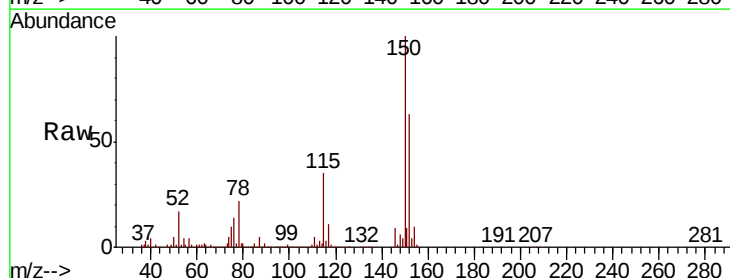
Tgt Ion:152 Resp: 408979

Ion Ratio Lower Upper

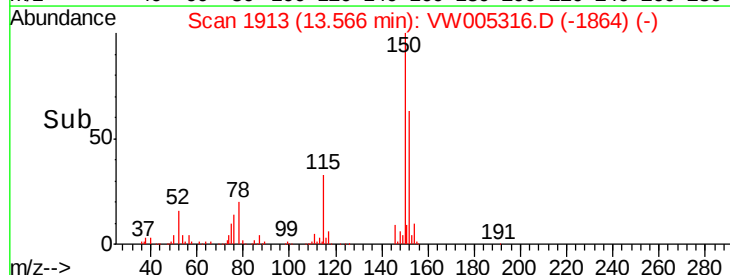
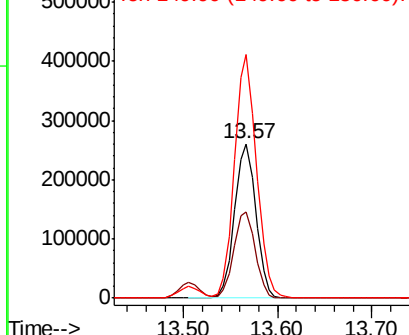
152 100

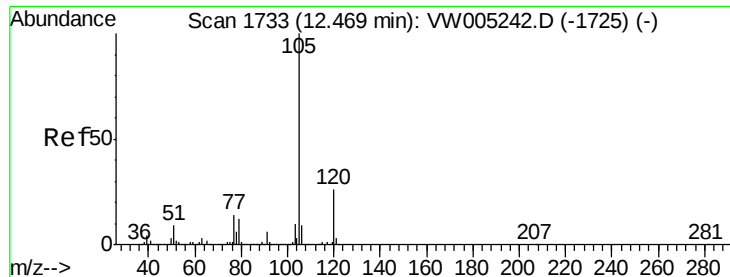
115 56.5 27.5 82.4

150 163.1 0.0 347.4



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





#73

Isopropylbenzene

Concen: 21.07 ug/l

RT: 12.47 min Scan# 1733

Delta R.T. 0.00 min

Lab File: VW005316.D

Acq: 12 Sep 2018 10:38

Instrument :

MSVOA_W

ClientSampleId :

VW0911SBSD02

Tot Ion:105 Resp: 608766

Ion Ratio Lower Upper

105 100

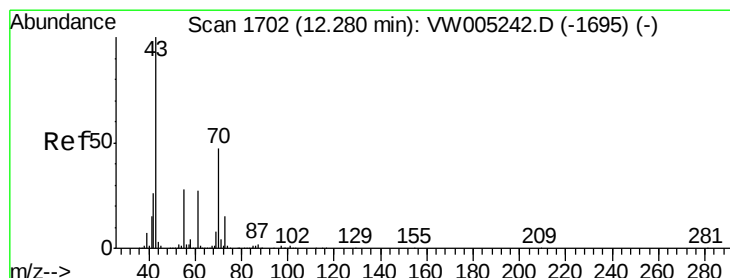
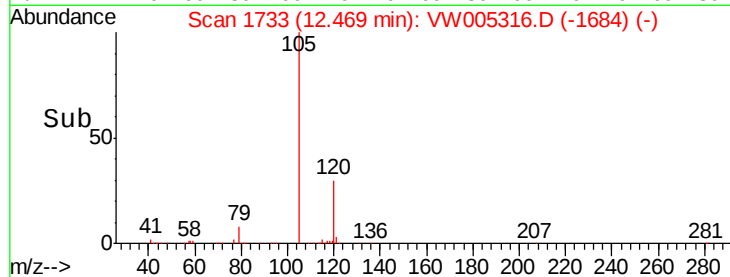
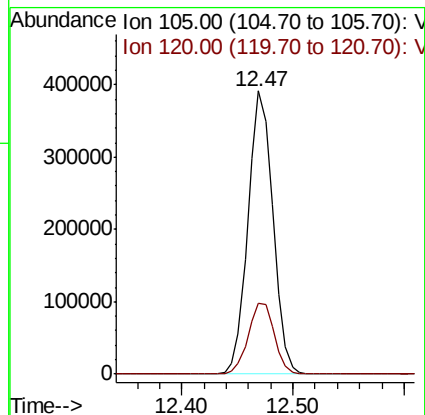
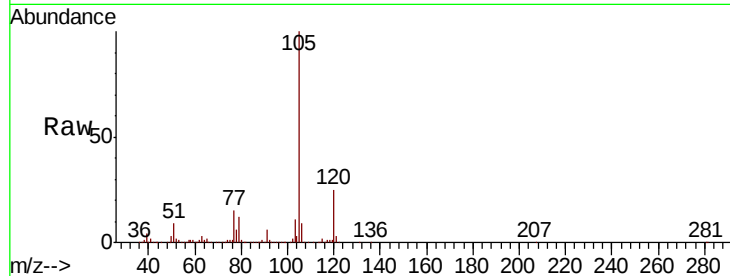
120 26.1 13.4 40.1

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#74

N-ethyl acetate

Concen: 22.83 ug/l

RT: 12.28 min Scan# 1702

Delta R.T. 0.00 min

Lab File: VW005316.D

Acq: 12 Sep 2018 10:38

Tgt Ion: 43 Resp: 125508

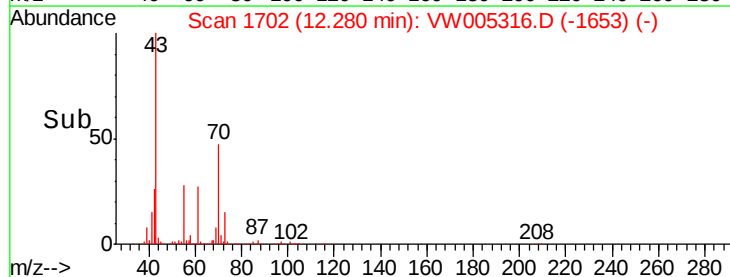
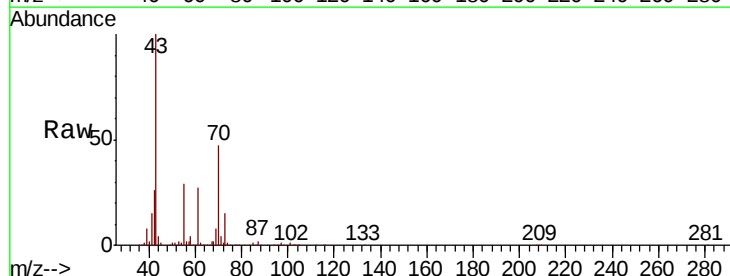
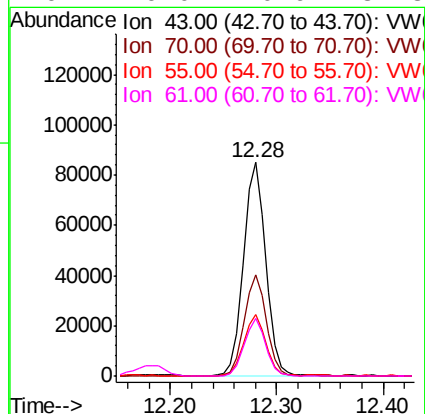
Ion Ratio Lower Upper

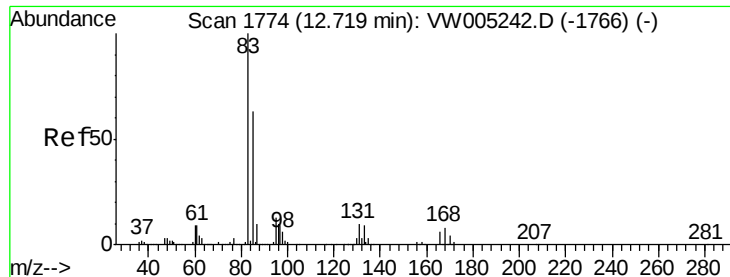
43 100

70 47.0 37.9 56.9

55 28.2 22.6 33.8

61 26.0 20.9 31.3





#75

1,1,2,2-Tetrachloroethane

Concen: 22.94 ug/l

RT: 12.72 min Scan# 1774

Delta R.T. 0.00 min

Lab File: VW005316.D

Acq: 12 Sep 2018 10:38

Instrument :

MSVOA_W

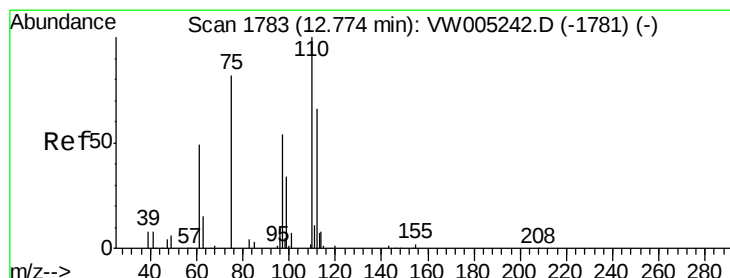
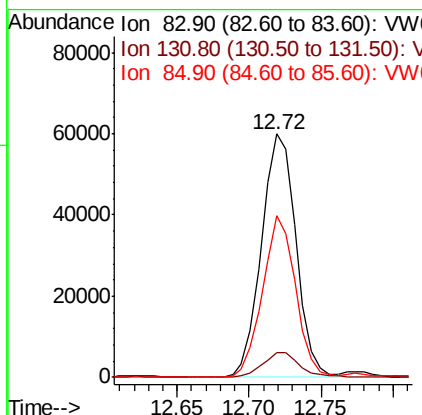
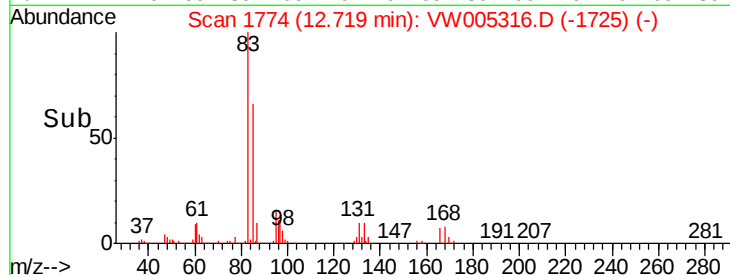
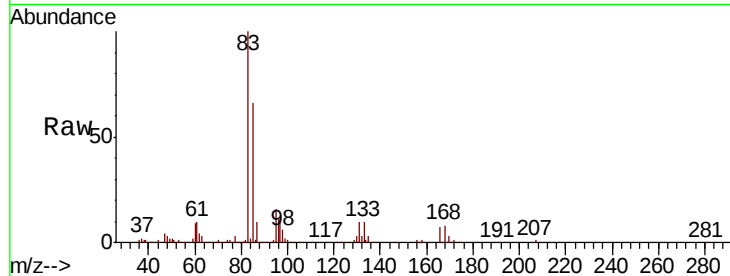
ClientSampleId :

VW0911SBSD02

Tot Ion:	83	Resp:	99633
Ion Ratio	Lower	Upper	
83	100		
131	11.0	5.5	16.4
85	63.3	31.6	95.0

Manual Integrations
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#76

1,2,3-Trichloropropane

Concen: 21.42 ug/l m

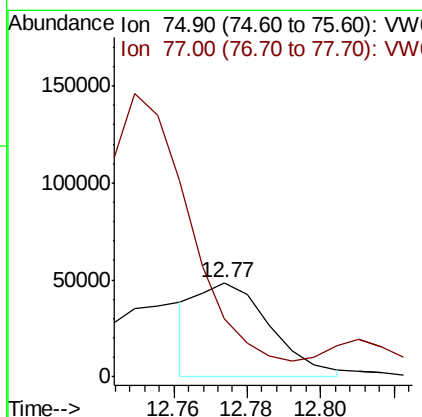
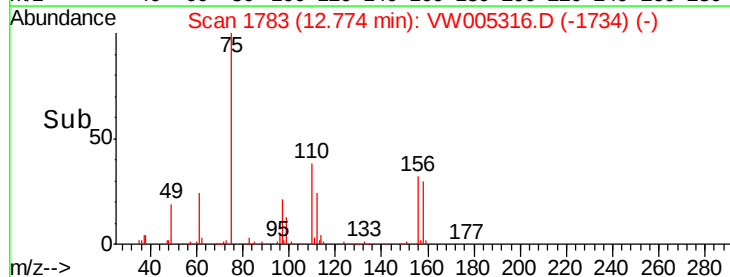
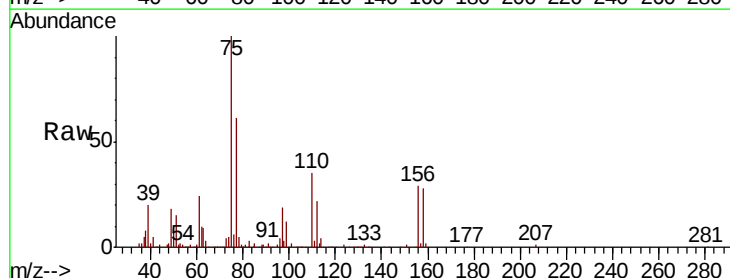
RT: 12.77 min Scan# 1783

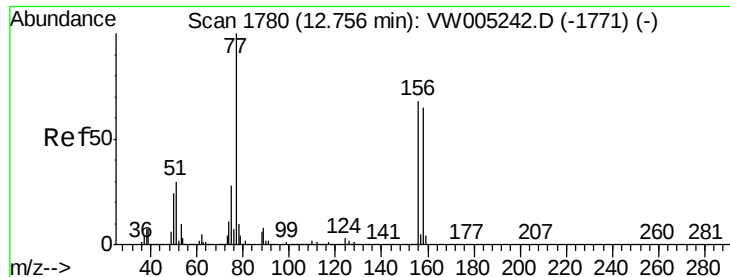
Delta R.T. 0.00 min

Lab File: VW005316.D

Acq: 12 Sep 2018 10:38

Tgt Ion:	75	Resp:	67392
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





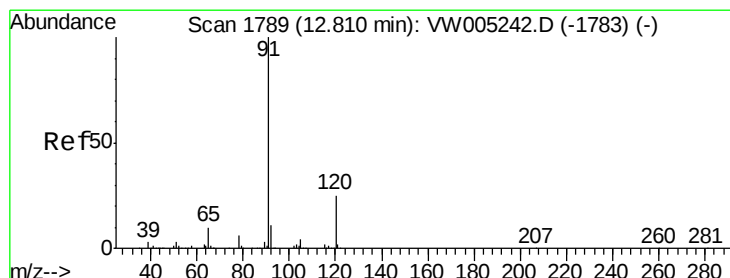
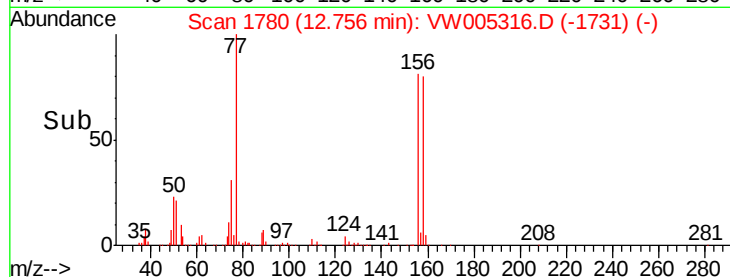
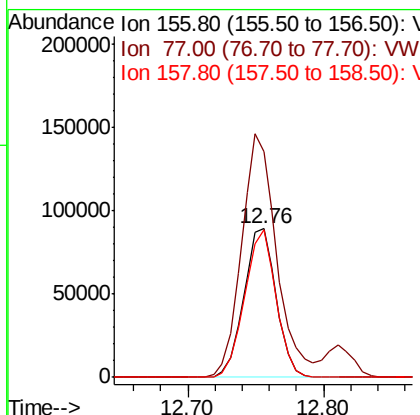
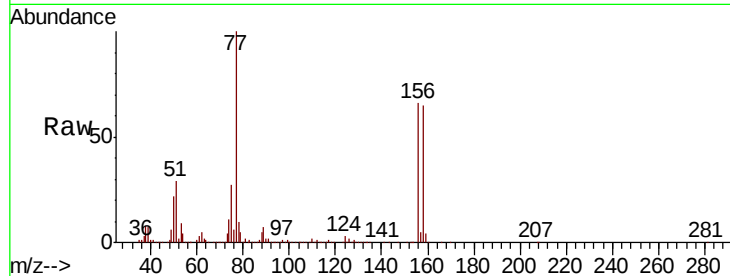
#77
Bromobenzene
Concen: 21.78 ug/l
RT: 12.76 min Scan# 1780
Delta R.T. 0.00 min
Lab File: VW005316.D
Acq: 12 Sep 2018 10:38

Instrument :
MSVOA_W
ClientSampleId :
VW0911SBSD02

Tot Ion	Ratio	Lower	Upper
156	100		
77	176.5	86.3	258.8
158	95.9	48.6	145.8

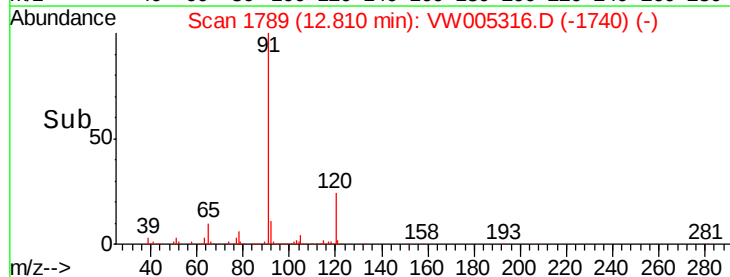
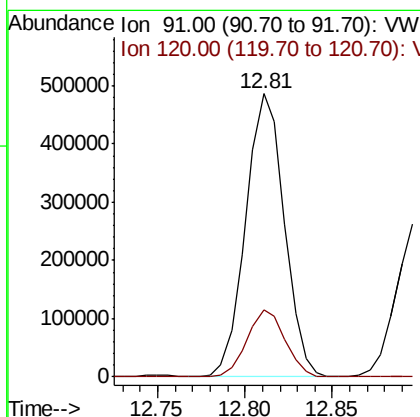
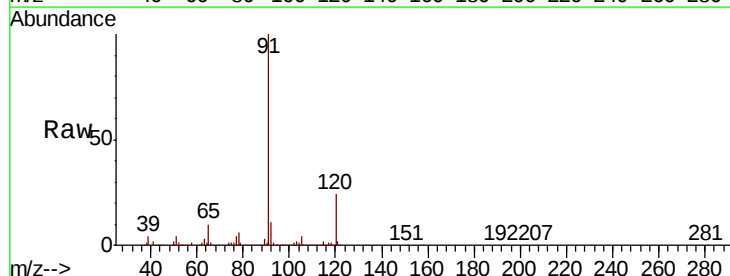
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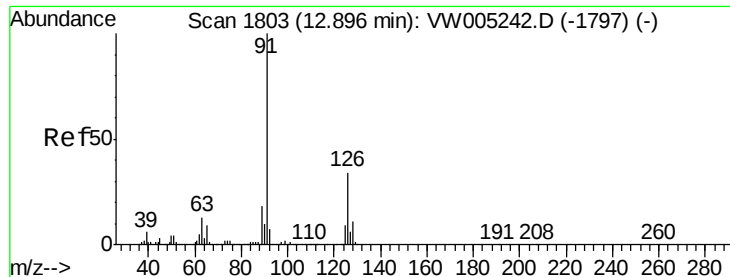
apatel
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#78
n-propylbenzene
Concen: 21.47 ug/l
RT: 12.81 min Scan# 1789
Delta R.T. 0.00 min
Lab File: VW005316.D
Acq: 12 Sep 2018 10:38

Tgt Ion	Ratio	Lower	Upper
91	100		
120	23.3	12.0	36.0





#79

2-Chlorotoluene

Concen: 21.59 ug/l

RT: 12.90 min Scan# 1803

Delta R.T. 0.00 min

Lab File: VW005316.D

Acq: 12 Sep 2018 10:38

Instrument :

MSVOA_W

ClientSampleId :

VW0911SBSD02

Tot Ion: 91 Resp: 429750

Ion Ratio Lower Upper

91 100

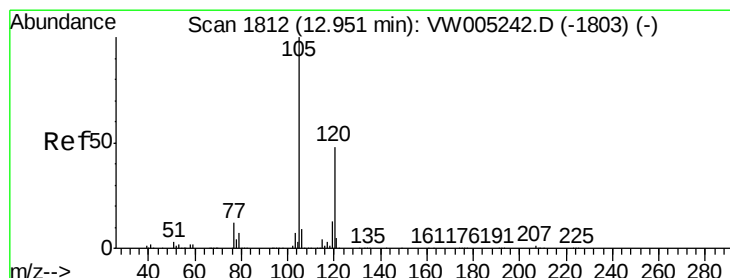
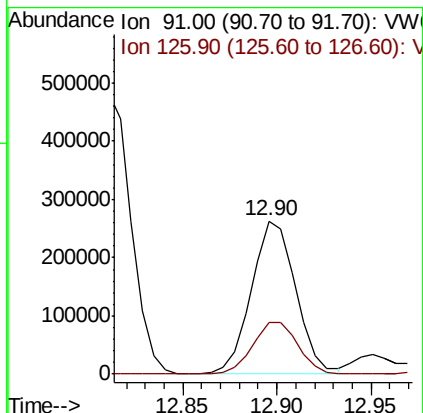
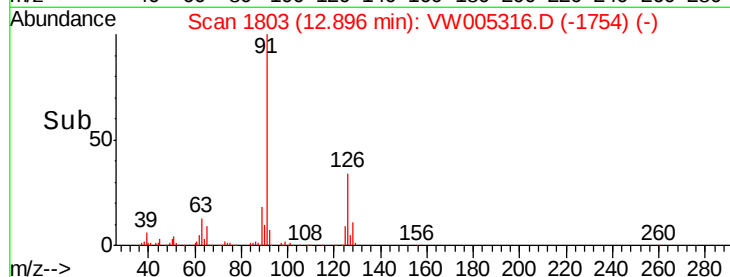
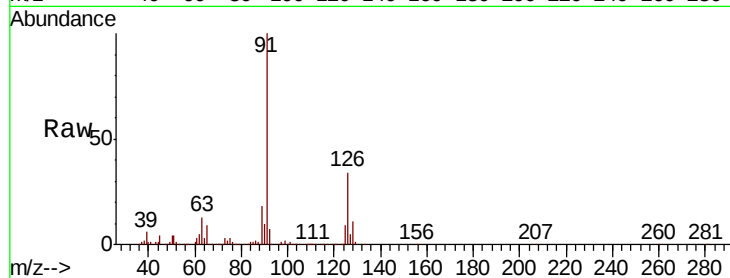
126 34.3 17.2 51.5

Manual Integrations

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#80

1,3,5-Trimethylbenzene

Concen: 21.29 ug/l

RT: 12.95 min Scan# 1812

Delta R.T. 0.00 min

Lab File: VW005316.D

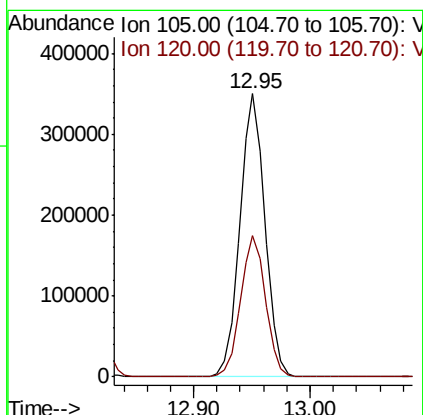
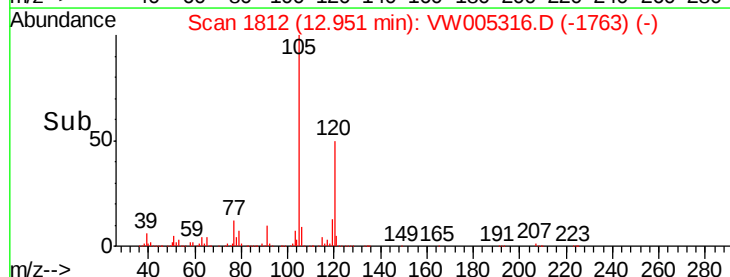
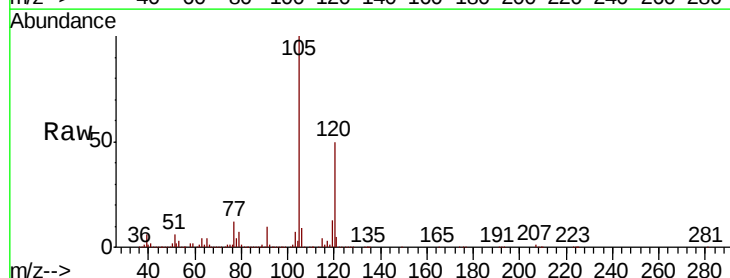
Acq: 12 Sep 2018 10:38

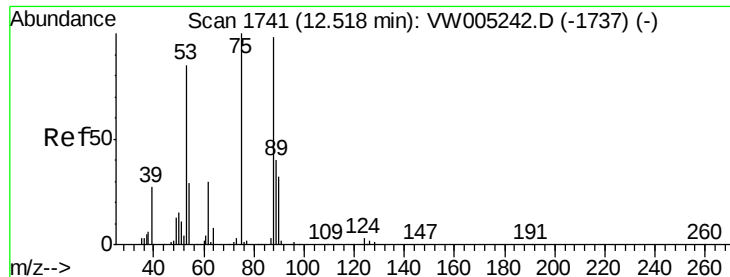
Tgt Ion: 105 Resp: 523912

Ion Ratio Lower Upper

105 100

120 49.9 24.4 73.4





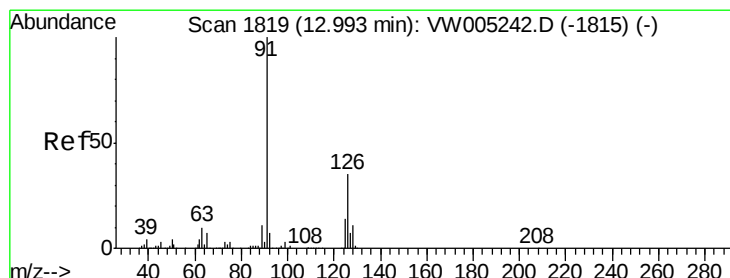
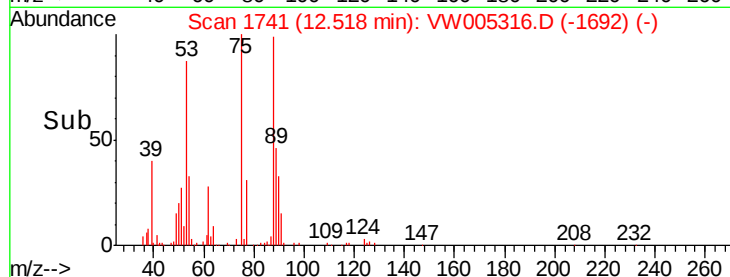
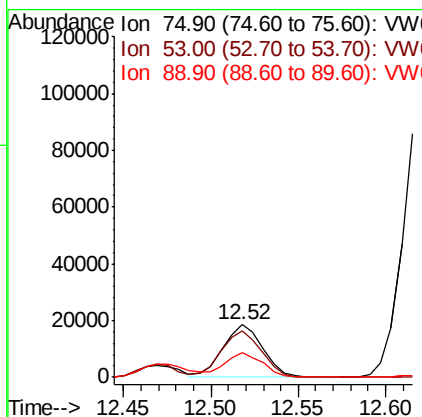
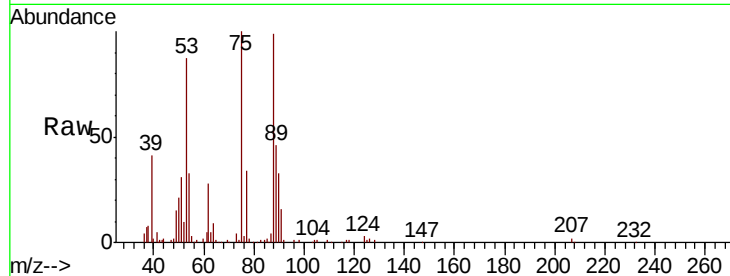
#81
trans-1,4-Dichloro-2-butene
Concen: 21.61 ug/l
RT: 12.52 min Scan# 1741
Delta R.T. 0.00 min
Lab File: VW005316.D
Acq: 12 Sep 2018 10:38

Instrument :
MSVOA_W
ClientSampleId :
VW0911SBSD02

Tot Ion	Ratio	Lower	Upper
75	100		
53	90.5	67.0	100.6
89	43.6	37.0	55.4

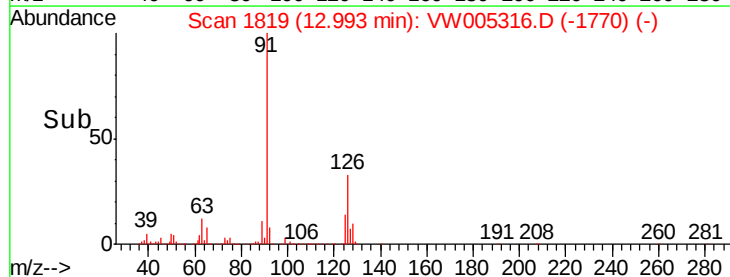
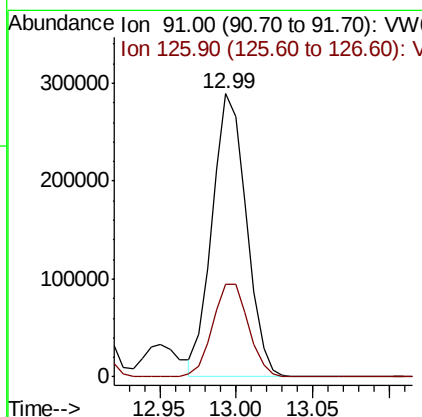
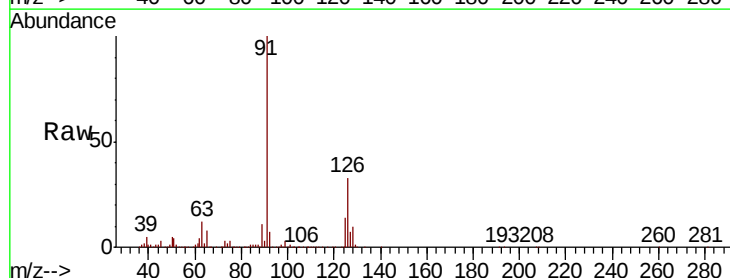
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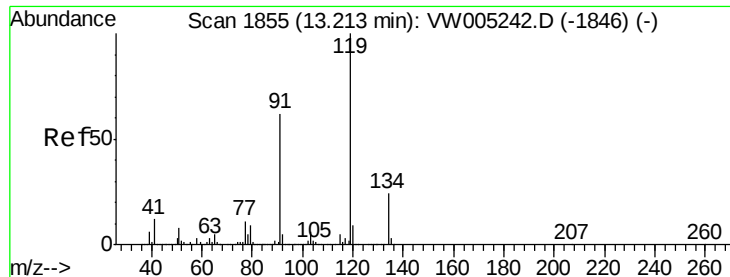
apatel
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#82
4-Chlorotoluene
Concen: 21.45 ug/l
RT: 12.99 min Scan# 1819
Delta R.T. 0.00 min
Lab File: VW005316.D
Acq: 12 Sep 2018 10:38

Tgt Ion	Ratio	Lower	Upper
91	100		
126	34.5	17.5	52.5





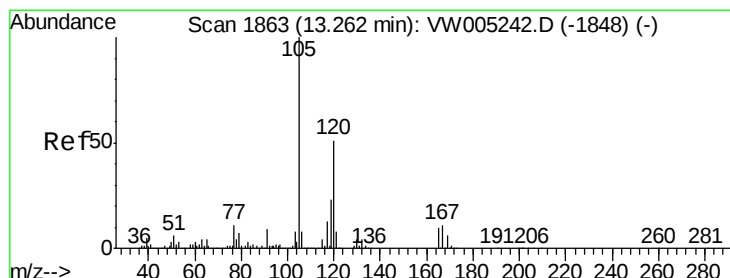
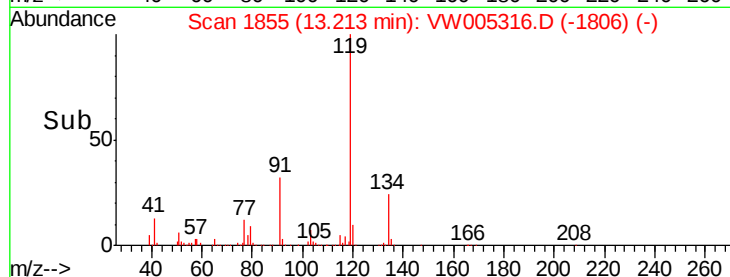
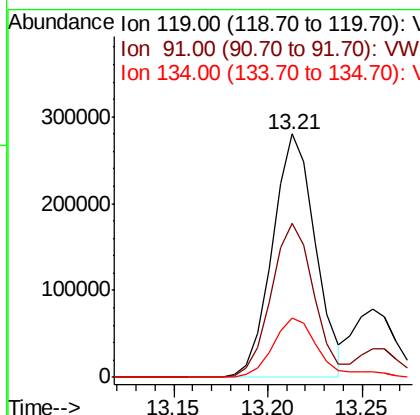
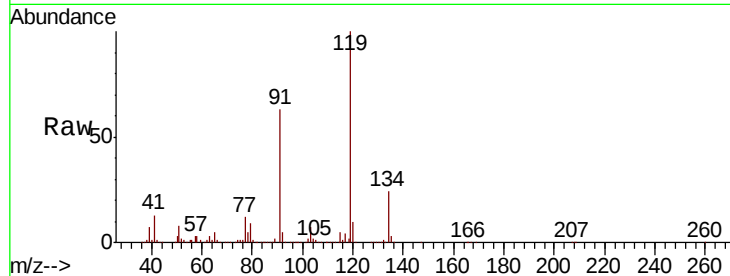
#83
tert-Butylbenzene
Concen: 20.55 ug/l
RT: 13.21 min Scan# 1855
Delta R.T. 0.00 min
Lab File: VW005316.D
Acq: 12 Sep 2018 10:38

Instrument :
MSVOA_W
ClientSampleId :
VW0911SBSD02

Tot Ion	Ratio	Lower	Upper
119	100		
91	63.7	31.7	95.1
134	26.5	13.0	38.9

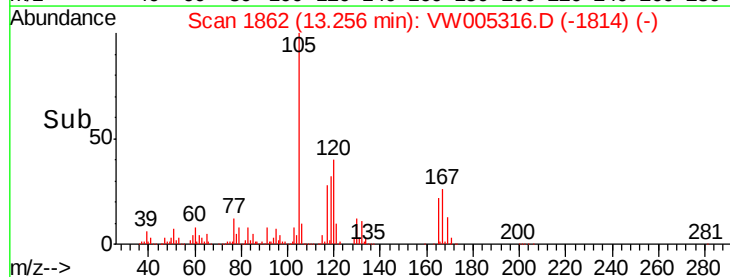
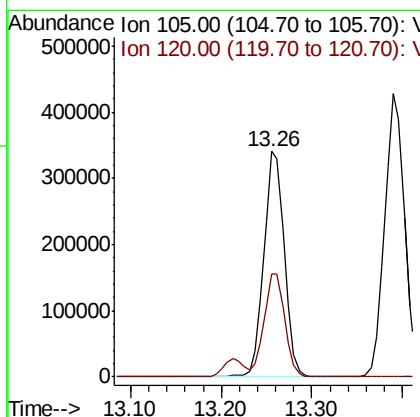
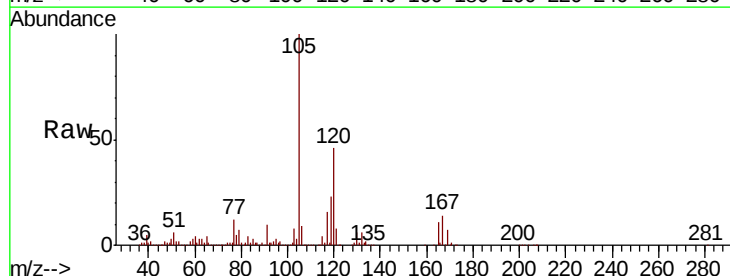
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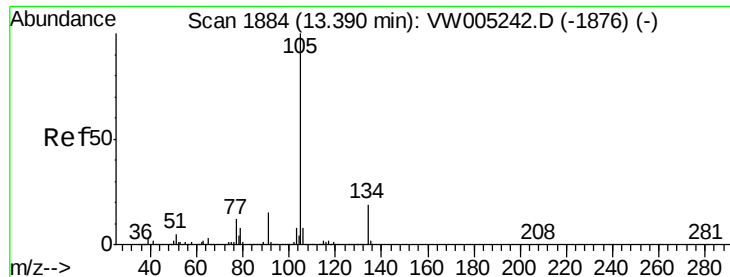
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#84
1,2,4-Trimethylbenzene
Concen: 21.49 ug/l
RT: 13.26 min Scan# 1862
Delta R.T. -0.01 min
Lab File: VW005316.D
Acq: 12 Sep 2018 10:38

Tgt Ion	Ratio	Lower	Upper
105	100		
120	45.9	23.4	70.3





#85

sec-Butylbenzene

Concen: 20.98 ug/l

RT: 13.39 min Scan# 1884

Delta R.T. 0.00 min

Lab File: VW005316.D

Acq: 12 Sep 2018 10:38

Instrument :

MSVOA_W

ClientSampleId :

VW0911SBSD02

Tot Ion:105 Resp: 648835

Ion Ratio Lower Upper

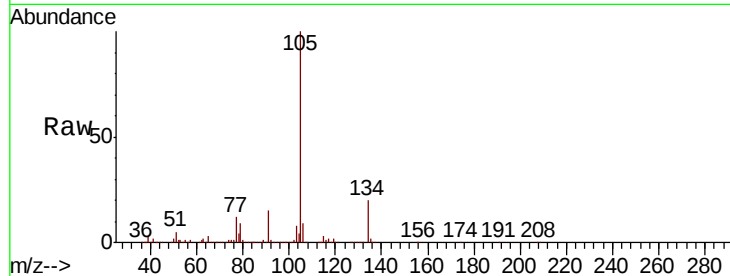
105 100

134 20.2 9.9 29.7

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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

13.39

400000

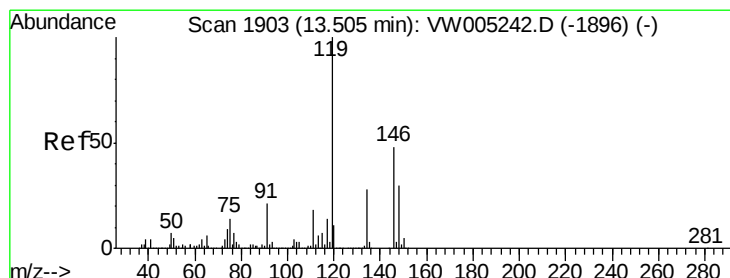
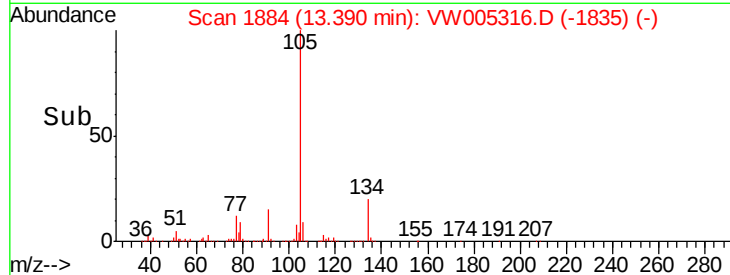
300000

200000

100000

0

Time-->



#86

p-Isopropyltoluene

Concen: 20.86 ug/l

RT: 13.51 min Scan# 1903

Delta R.T. 0.00 min

Lab File: VW005316.D

Acq: 12 Sep 2018 10:38

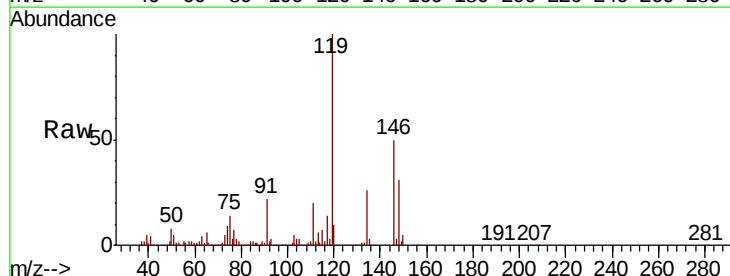
Tgt Ion:119 Resp: 571009

Ion Ratio Lower Upper

119 100

134 26.0 13.2 39.5

91 21.9 10.7 32.1



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

13.51

400000

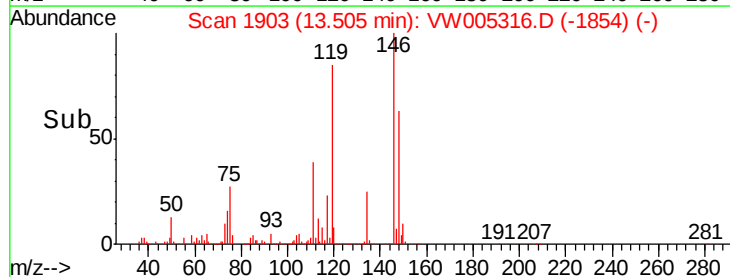
300000

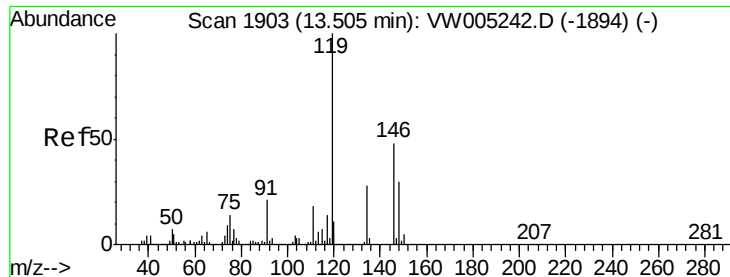
200000

100000

0

Time-->





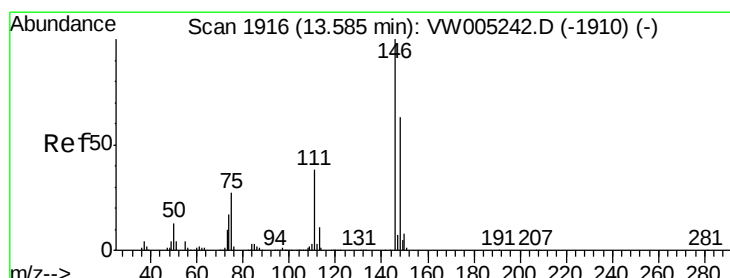
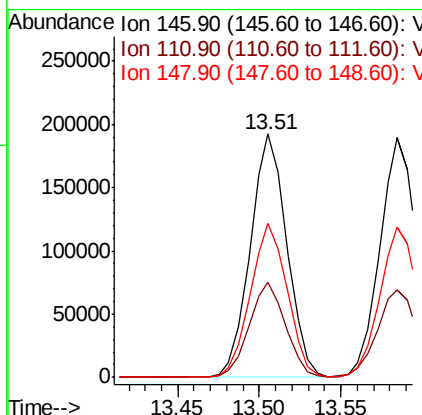
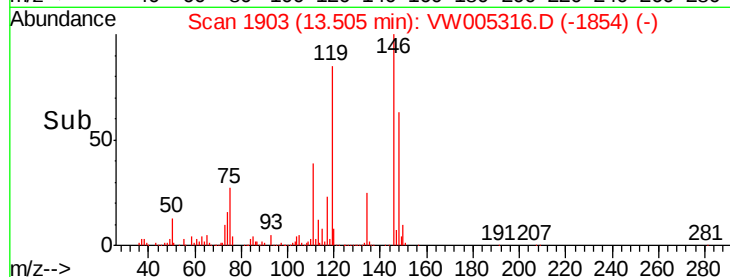
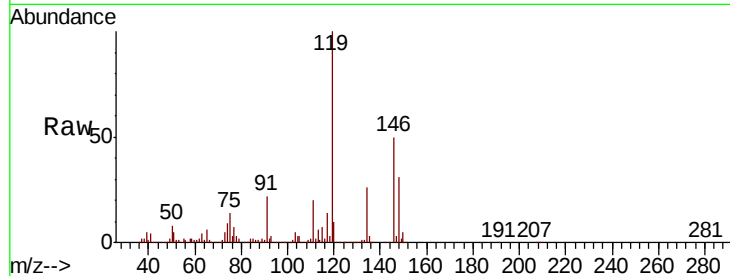
#87
 1,3-Dichlorobenzene
 Concen: 20.97 ug/l
 RT: 13.51 min Scan# 1903
 Delta R.T. 0.00 min
 Lab File: VW005316.D
 Acq: 12 Sep 2018 10:38

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0911SBSD02

Tot Ion	Ratio	Resp	Lower	Upper
146	100	299689		
111	38.8		18.8	56.3
148	63.9		31.6	94.8

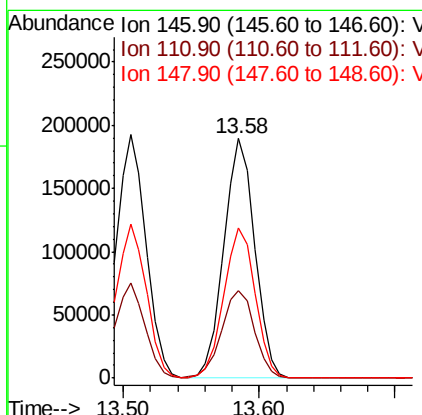
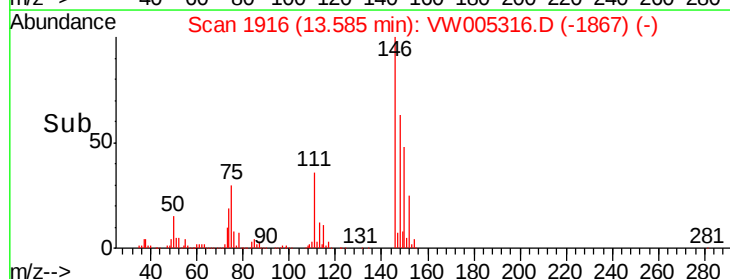
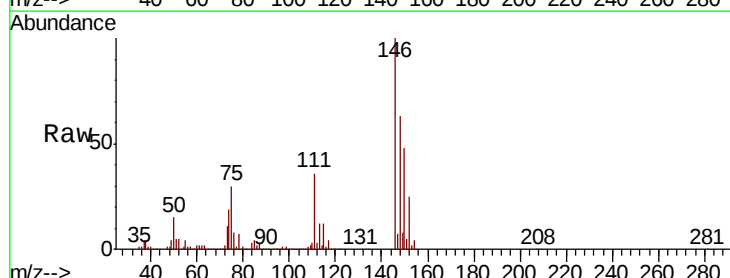
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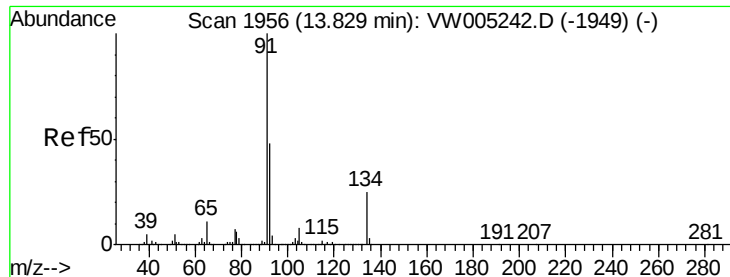
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#88
 1,4-Dichlorobenzene
 Concen: 21.26 ug/l
 RT: 13.58 min Scan# 1916
 Delta R.T. 0.00 min
 Lab File: VW005316.D
 Acq: 12 Sep 2018 10:38

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	298514		
111	38.8		19.1	57.3
148	63.7		32.3	96.9





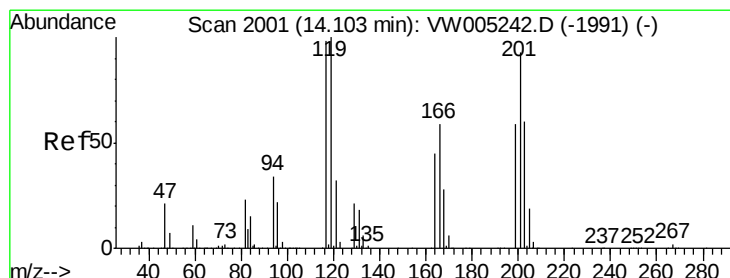
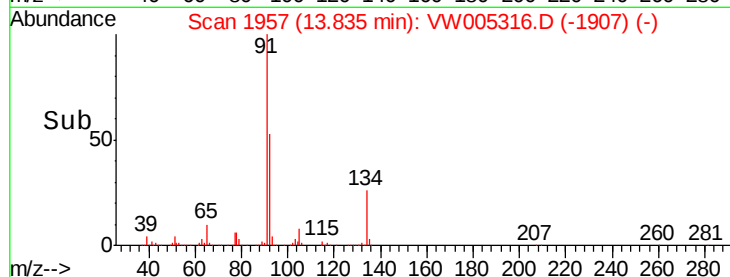
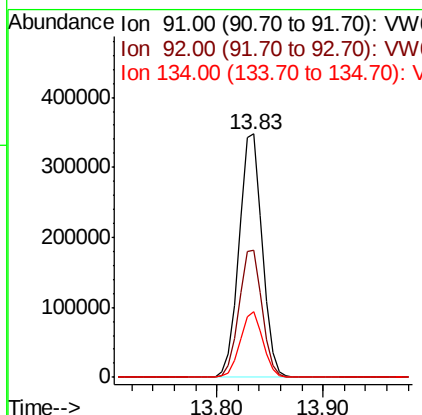
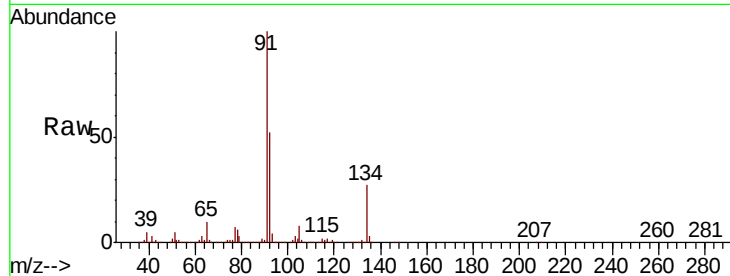
#89
n-Butylbenzene
Concen: 20.58 ug/l
RT: 13.83 min Scan# 1957
Delta R.T. 0.01 min
Lab File: VW005316.D
Acq: 12 Sep 2018 10:38

Instrument :
MSVOA_W
ClientSampleId :
VW0911SBSD02

Tot Ion	Ratio	Lower	Upper
91	100		
92	52.4	25.8	77.3
134	26.4	13.6	40.8

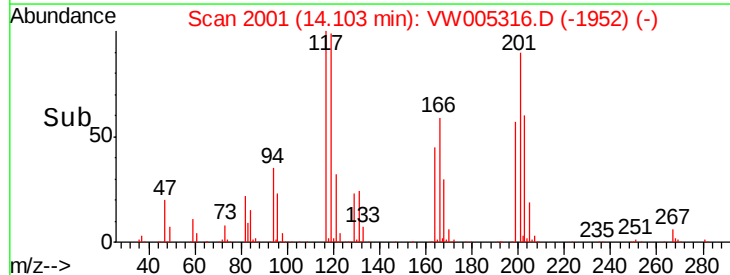
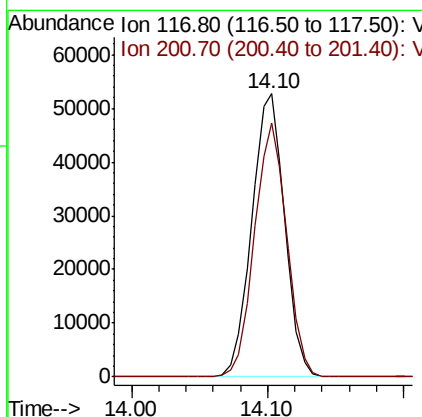
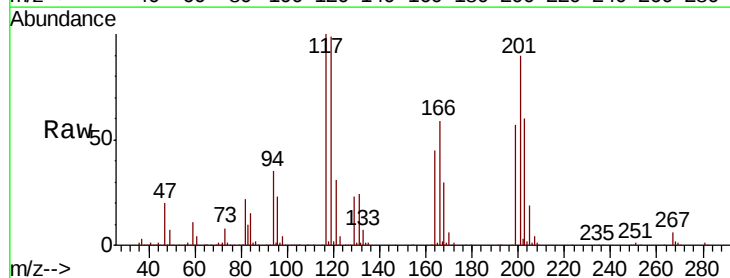
Manual Integrations
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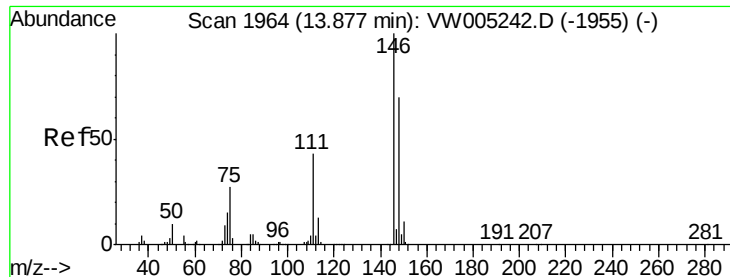
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#90
Hexachloroethane
Concen: 20.39 ug/l
RT: 14.10 min Scan# 2001
Delta R.T. 0.00 min
Lab File: VW005316.D
Acq: 12 Sep 2018 10:38

Tgt Ion	Ratio	Lower	Upper
117	100		
201	87.5	44.0	132.1





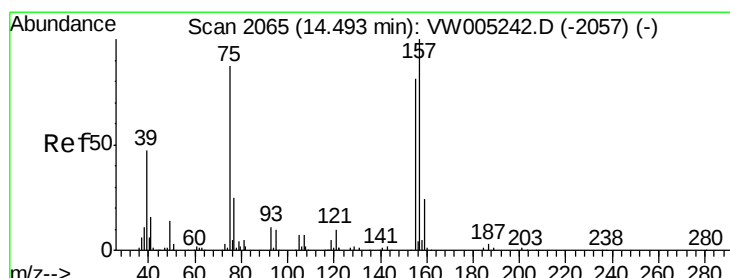
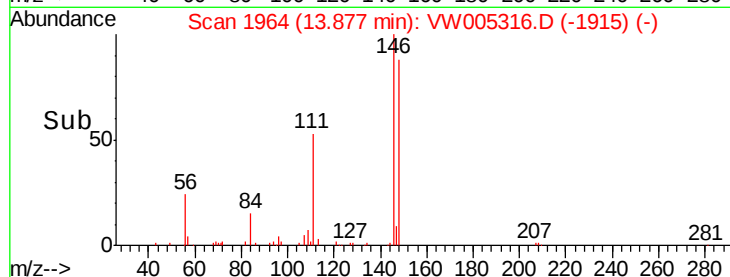
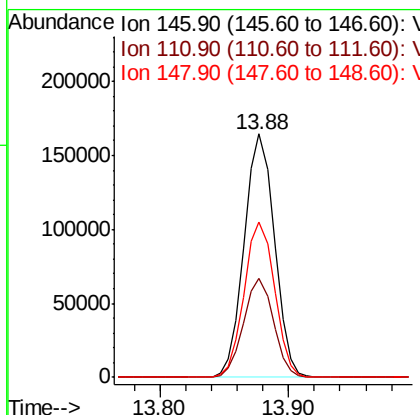
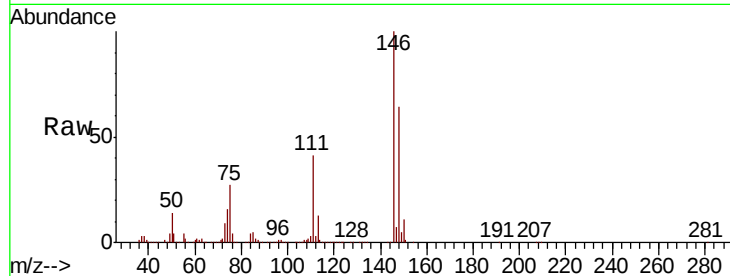
#91
 1,2-Dichlorobenzene
 Concen: 21.26 ug/l
 RT: 13.88 min Scan# 1964
 Delta R.T. 0.00 min
 Lab File: VW005316.D
 Acq: 12 Sep 2018 10:38

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0911SBSD02

Tot Ion	Ratio	Lower	Upper
146	100		
111	40.2	20.5	61.5
148	64.5	32.7	98.1

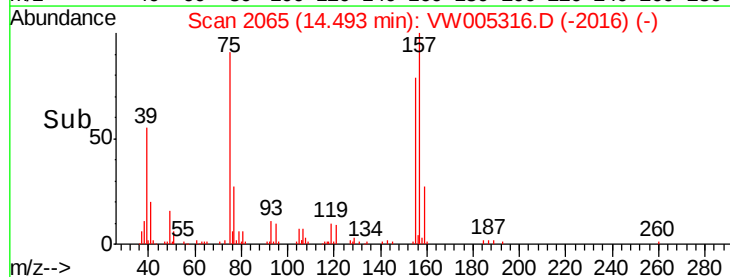
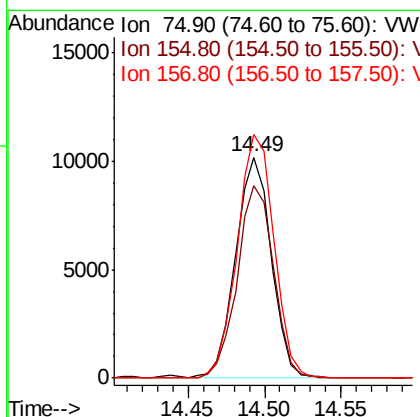
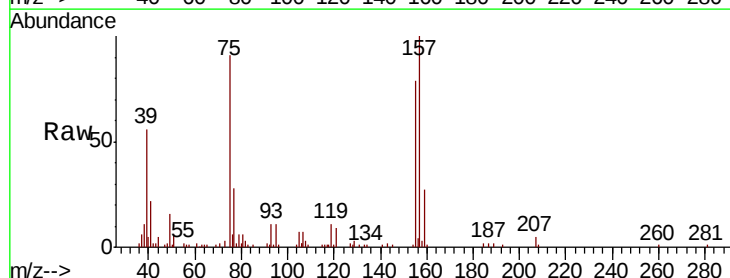
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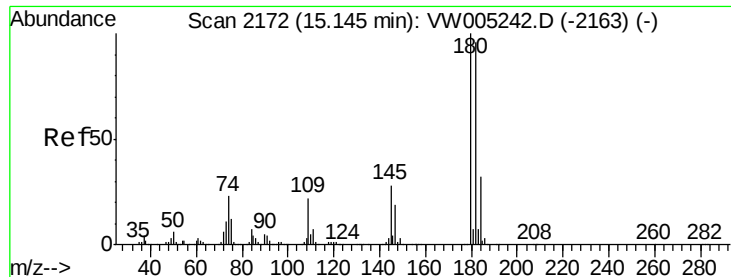
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 22.88 ug/l
 RT: 14.49 min Scan# 2065
 Delta R.T. 0.00 min
 Lab File: VW005316.D
 Acq: 12 Sep 2018 10:38

Tgt Ion	Ratio	Lower	Upper
75	100		
155	88.5	47.4	142.2
157	113.3	59.4	178.2





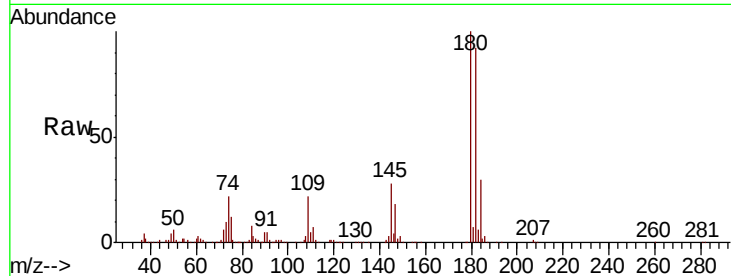
#93
 1,2,4-Trichlorobenzene
 Concen: 19.88 ug/l
 RT: 15.15 min Scan# 2172
 Delta R.T. 0.00 min
 Lab File: VW005316.D
 Acq: 12 Sep 2018 10:38

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0911SBSD02

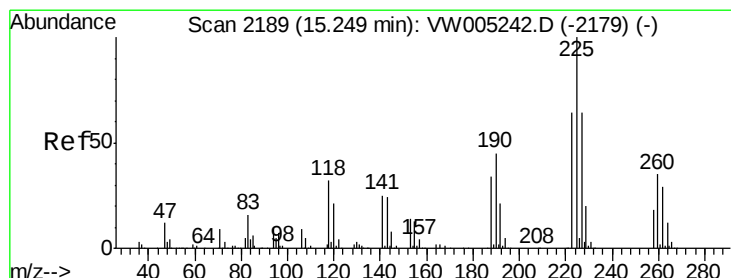
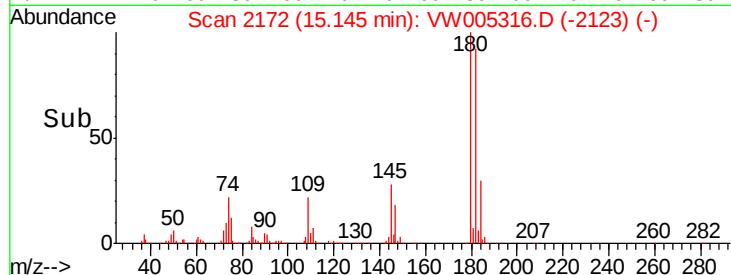
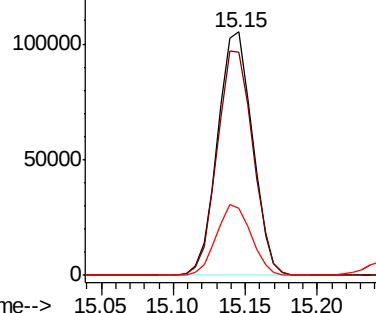
Tot Ion	Ratio	Resp	Lower	Upper
180	100	176719		
182	94.1	48.1	144.4	
145	29.1	14.5	43.6	

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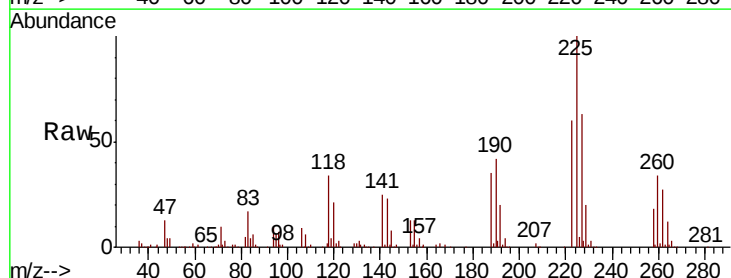


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

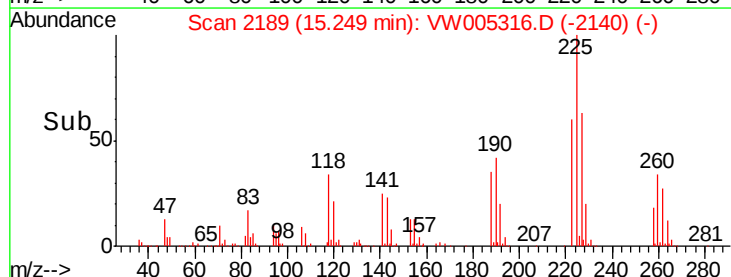
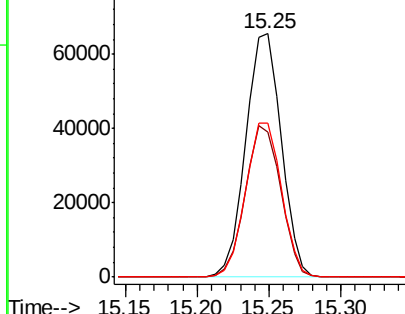


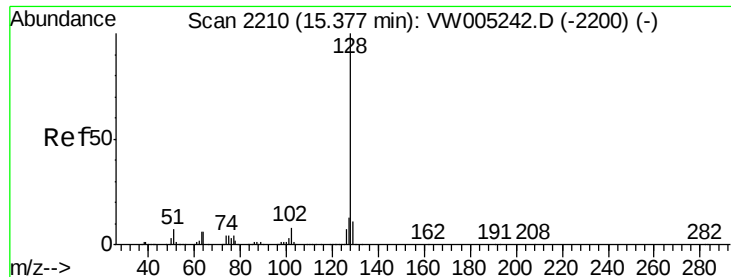
#94
 Hexachlorobutadiene
 Concen: 19.65 ug/l
 RT: 15.25 min Scan# 2189
 Delta R.T. 0.00 min
 Lab File: VW005316.D
 Acq: 12 Sep 2018 10:38

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	111859		
223	62.1	31.4	94.2	
227	63.9	32.0	96.0	



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





#95

Naphthalene

Concen: 20.02 ug/l

RT: 15.38 min Scan# 2210

Delta R.T. 0.00 min

Lab File: VW005316.D

Acq: 12 Sep 2018 10:38

Instrument :

MSVOA_W

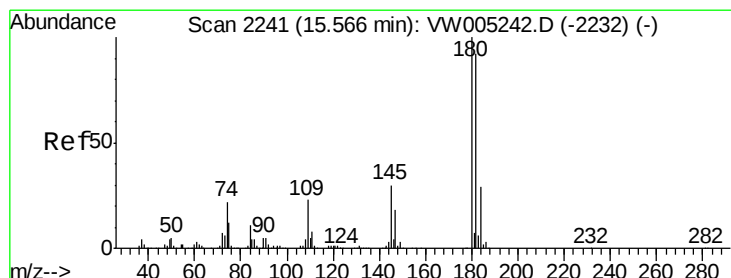
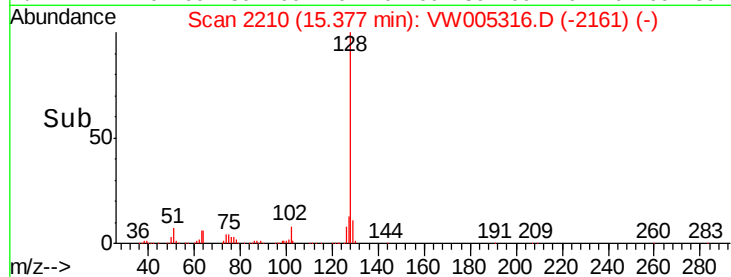
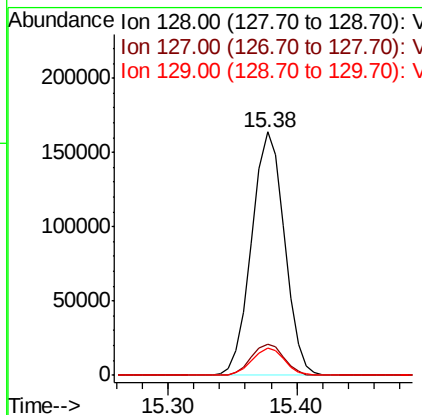
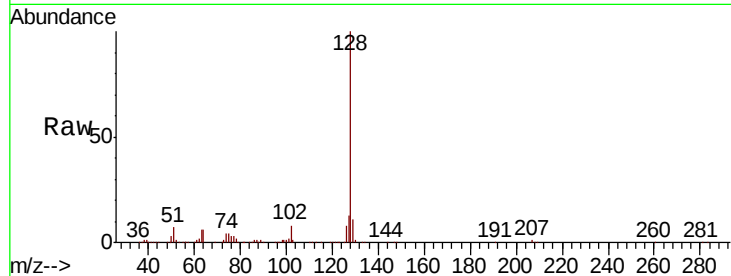
ClientSampleId :

VW0911SBSD02

Tot Ion:	128	Resp:	288450
Ion Ratio	Lower	Upper	
128	100		
127	12.9	10.3	15.5
129	11.0	8.8	13.2

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#96

1,2,3-Trichlorobenzene

Concen: 19.85 ug/l

RT: 15.57 min Scan# 2241

Delta R.T. 0.00 min

Lab File: VW005316.D

Acq: 12 Sep 2018 10:38

Tgt Ion:	180	Resp:	151789
Ion Ratio	Lower	Upper	
180	100		
182	95.3	47.2	141.6
145	31.3	15.2	45.6

