

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW091218\
 Data File : VW005320.D
 Acq On : 12 Sep 2018 12:58
 Operator : SY/AP
 Sample : VW0912SBS01
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0912SBS01

Manual Integrations
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 9/13/2018 11:11:23 AM

Quant Time: Sep 12 14:39:20 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	489891	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	689211	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	680536	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	375541	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	193810	53.04	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.08%	
35) Dibromofluoromethane	7.89	113	197190	54.62	ug/l	0.00
Spiked Amount	50.000		Recovery	=	109.24%	
50) Toluene-d8	10.33	98	973466	53.36	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.72%	
62) 4-Bromofluorobenzene	12.62	95	355582	53.29	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.58%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.00	85	99306	23.50	ug/l	98
3) Chloromethane	2.21	50	132872	23.52	ug/l	97
4) Vinyl Chloride	2.35	62	122457	23.61	ug/l	100
5) Bromomethane	2.75	94	83519	25.06	ug/l	100
6) Chloroethane	2.90	64	65333	22.87	ug/l	97
7) Trichlorofluoromethane	3.25	101	130212	22.19	ug/l	98
8) Diethyl Ether	3.68	74	45084	21.56	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	4.06	101	90541	21.60	ug/l	99
10) Methyl Iodide	4.27	142	75464	16.85	ug/l	100
11) Tert butyl alcohol	5.17	59	33443	111.61	ug/l	96
12) 1,1-Dichloroethene	4.04	96	84284	21.84	ug/l	99
13) Acrolein	3.90	56	30620	105.79	ug/l	98
14) Allyl chloride	4.67	41	127698	21.54	ug/l	99
15) Acrylonitrile	5.37	53	102355	108.50	ug/l	99
16) Acetone	4.12	43	80025	117.99	ug/l	95
17) Carbon Disulfide	4.37	76	304605	22.49	ug/l	100
18) Methyl Acetate	4.68	43	43878	21.67	ug/l	98
19) Methyl tert-butyl Ether	5.43	73	197124	21.45	ug/l	99
20) Methylene Chloride	4.92	84	121157	22.21	ug/l	99
21) trans-1,2-Dichloroethene	5.43	96	94781	21.04	ug/l	97
22) Diisopropyl ether	6.31	45	267936	22.45	ug/l	94
23) Vinyl Acetate	6.26	43	735815	110.61	ug/l	100
24) 1,1-Dichloroethane	6.22	63	160890	21.90	ug/l	99
25) 2-Butanone	7.18	43	123229	115.19	ug/l	95
26) 2,2-Dichloropropane	7.17	77	140603	22.07	ug/l	99
27) cis-1,2-Dichloroethene	7.17	96	103004	21.36	ug/l	97
28) Bromochloromethane	7.51	49	60215	22.21	ug/l #	97
29) Tetrahydrofuran	7.54	42	77008	106.82	ug/l	98
30) Chloroform	7.68	83	158139	21.44	ug/l	98
31) Cyclohexane	7.96	56	173177	22.15	ug/l	98
32) 1,1,1-Trichloroethane	7.88	97	141798	21.28	ug/l	99
36) 1,1-Dichloropropene	8.09	75	141013	22.33	ug/l	99
37) Ethyl Acetate	7.26	43	53023	22.08	ug/l	99
38) Carbon Tetrachloride	8.07	117	126161	21.33	ug/l	99

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 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	178548	21.30	ug/l	99
40) Benzene	8.33	78	408578	21.96	ug/l	99
41) Methacrylonitrile	7.49	41	26163	21.23	ug/l #	87
42) 1,2-Dichloroethane	8.40	62	96834	21.76	ug/l	99
43) Isopropyl Acetate	8.43	43	97043	21.76	ug/l	98
44) Trichloroethene	9.10	130	111090	21.77	ug/l	98
45) 1,2-Dichloropropane	9.37	63	100298	22.43	ug/l	97
46) Dibromomethane	9.46	93	46165	21.09	ug/l	98
47) Bromodichloromethane	9.65	83	115284	21.53	ug/l	98
48) Methyl methacrylate	9.44	41	46197	19.95	ug/l	93
49) 1,4-Dioxane	9.45	88	18112	443.23	ug/l	96
51) 4-Methyl-2-Pentanone	10.21	43	265468	105.77	ug/l	100
52) Toluene	10.39	92	290235	21.47	ug/l	99
53) t-1,3-Dichloropropene	10.61	75	120774	20.87	ug/l	98
54) cis-1,3-Dichloropropene	10.08	75	147599	21.30	ug/l	100
55) 1,1,2-Trichloroethane	10.79	97	73394	21.03	ug/l	99
56) Ethyl methacrylate	10.65	69	91452	20.67	ug/l	98
57) 1,3-Dichloropropane	10.94	76	122721	21.18	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.93	63	210754	109.60	ug/l	99
59) 2-Hexanone	10.98	43	199562	110.29	ug/l	99
60) Dibromochloromethane	11.13	129	80419	20.77	ug/l	99
61) 1,2-Dibromoethane	11.24	107	67356	21.05	ug/l	100
64) Tetrachloroethene	10.87	164	105897	20.97	ug/l	99
65) Chlorobenzene	11.66	112	318767	21.38	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.74	131	92665	20.82	ug/l	99
67) Ethyl Benzene	11.74	91	553575	21.32	ug/l	100
68) m/p-Xylenes	11.84	106	451137	43.12	ug/l	99
69) o-Xylene	12.17	106	207301	21.30	ug/l	99
70) Styrene	12.19	104	340748	21.45	ug/l	99
71) Bromoform	12.35	173	49369	20.46	ug/l #	98
73) Isopropylbenzene	12.47	105	558394	21.04	ug/l	100
74) N-amyl acetate	12.28	43	105161	20.83	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.72	83	82917	20.79	ug/l	97
76) 1,2,3-Trichloropropane	12.77	75	56386m	19.52	ug/l	
77) Bromobenzene	12.76	156	130950	20.95	ug/l	98
78) n-propylbenzene	12.81	91	693648	21.77	ug/l	99
79) 2-Chlorotoluene	12.90	91	394393	21.58	ug/l	100
80) 1,3,5-Trimethylbenzene	12.95	105	488109	21.60	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.52	75	24276	19.71	ug/l	96
82) 4-Chlorotoluene	12.99	91	410215	21.36	ug/l	100
83) tert-Butylbenzene	13.21	119	407767	20.64	ug/l	99
84) 1,2,4-Trimethylbenzene	13.26	105	489423	21.56	ug/l	99
85) sec-Butylbenzene	13.39	105	605316	21.31	ug/l	99
86) p-Isopropyltoluene	13.51	119	542352	21.57	ug/l	99
87) 1,3-Dichlorobenzene	13.51	146	274991	20.95	ug/l	98
88) 1,4-Dichlorobenzene	13.58	146	276069	21.41	ug/l	99
89) n-Butylbenzene	13.83	91	501548	21.22	ug/l	98
90) Hexachloroethane	14.10	117	81140	20.14	ug/l	100
91) 1,2-Dichlorobenzene	13.88	146	246545	21.37	ug/l	97
92) 1,2-Dibromo-3-Chloropropan	14.49	75	14050	21.19	ug/l	94

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ClientSampleId :
VW0912SBS01

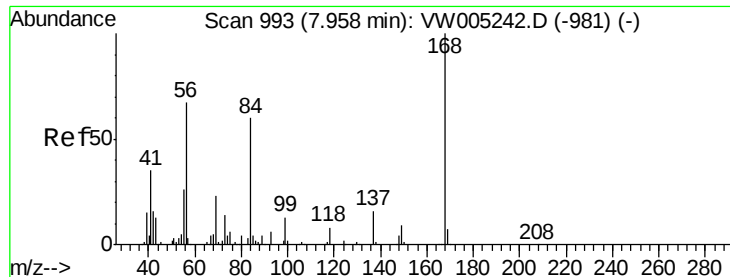
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W091018S.M
Quant Title : SW846 8260
QLast Update : Tue Sep 11 03:48:23 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.15	180	161216	19.75	ug/l	99
94) Hexachlorobutadiene	15.25	225	107479	20.57	ug/l	99
95) Naphthalene	15.38	128	253556	19.16	ug/l	100
96) 1,2,3-Trichlorobenzene	15.57	180	139117	19.81	ug/l	98

(#) = 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: VW005320.D

Acq: 12 Sep 2018 12:58

Instrument :

MSVOA_W

ClientSampleId :

VW0912SBS01

Tot Ion:168 Resp: 489891

Ion Ratio Lower Upper

168 100

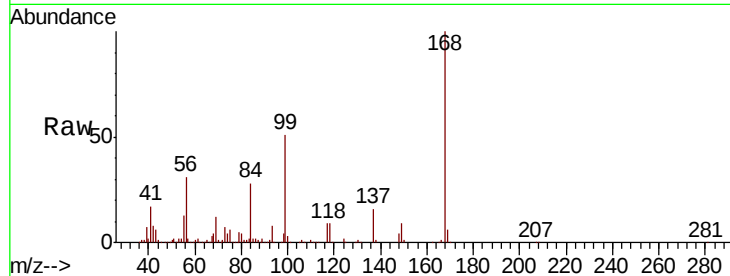
99 51.0 39.1 58.7

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Abundance Ion 167.90 (167.60 to 168.60): VW

Ion 98.90 (98.60 to 99.60): VW

7.95

250000

200000

150000

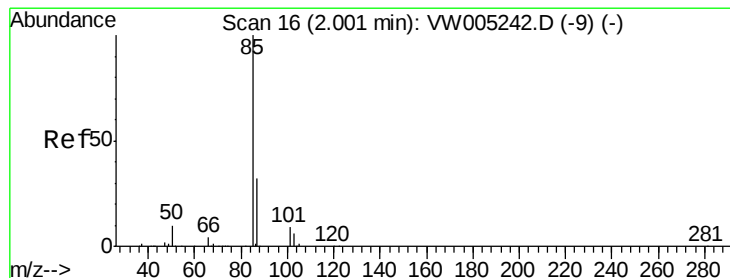
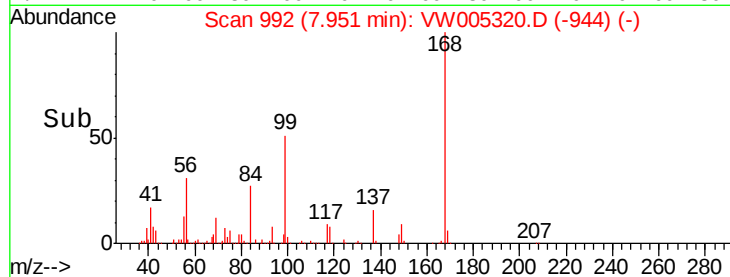
100000

50000

0

Time-->

7.80 7.90 8.00 8.10



#2

Dichlorodifluoromethane

Concen: 23.50 ug/l

RT: 2.00 min Scan# 15

Delta R.T. -0.01 min

Lab File: VW005320.D

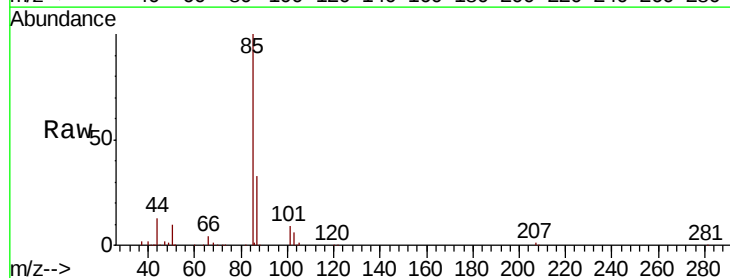
Acq: 12 Sep 2018 12:58

Tgt Ion: 85 Resp: 99306

Ion Ratio Lower Upper

85 100

87 33.0 16.0 47.9



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW

2.00

60000

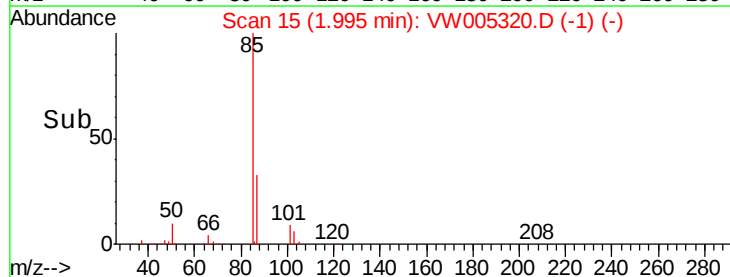
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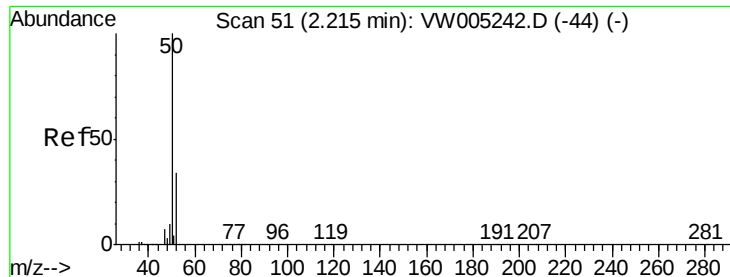
20000

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Time-->

1.90 2.00 2.10





#3

Chloromethane

Concen: 23.52 ug/l

RT: 2.21 min Scan# 51

Delta R.T. -0.00 min

Lab File: VW005320.D

Acq: 12 Sep 2018 12:58

Instrument :

MSVOA_W

ClientSampleId :

VW0912SBS01

Tot Ion: 50 Resp: 132872

Ion Ratio Lower Upper

50 100

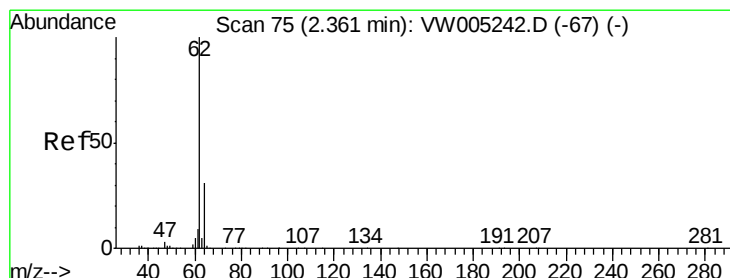
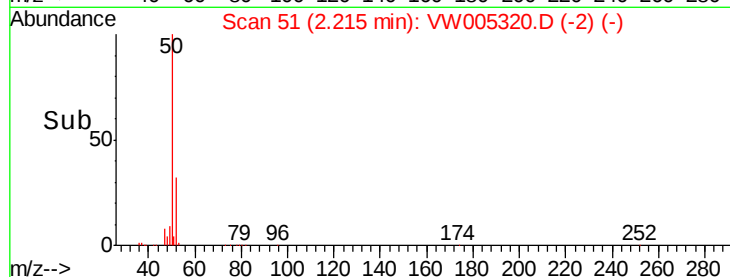
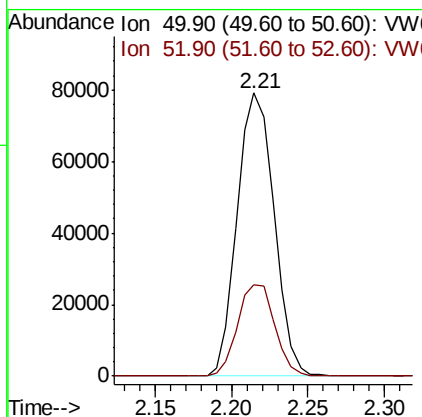
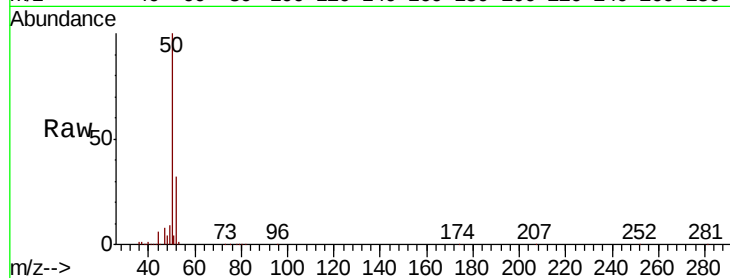
52 32.2 27.0 40.4

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#4

Vinyl Chloride

Concen: 23.61 ug/l

RT: 2.35 min Scan# 74

Delta R.T. -0.01 min

Lab File: VW005320.D

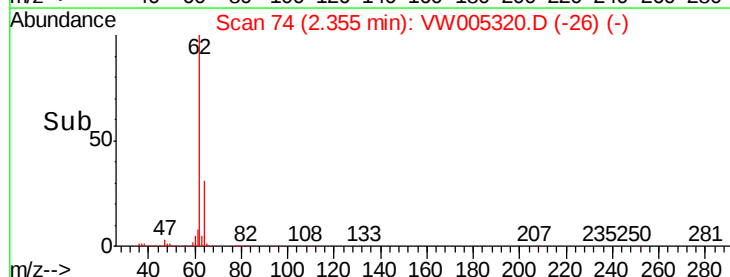
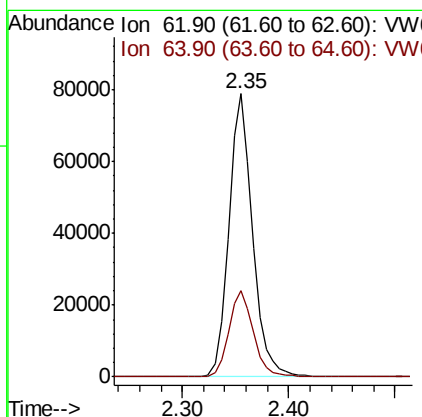
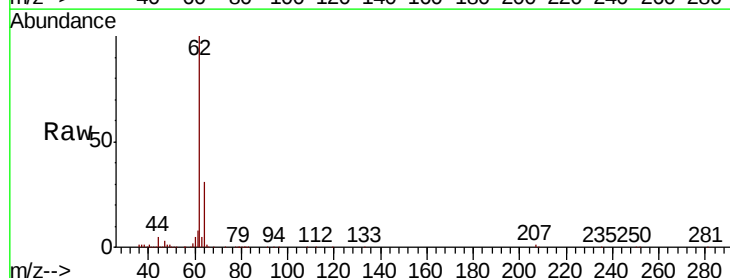
Acq: 12 Sep 2018 12:58

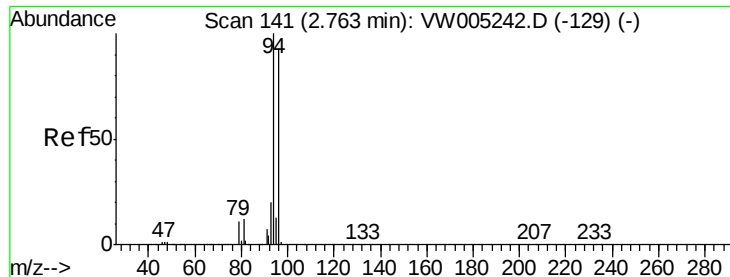
Tgt Ion: 62 Resp: 122457

Ion Ratio Lower Upper

62 100

64 30.6 24.6 37.0





#5

Bromomethane

Concen: 25.06 ug/l

RT: 2.75 min Scan# 138

Delta R.T. -0.02 min

Lab File: VW005320.D

Acq: 12 Sep 2018 12:58

Instrument :

MSVOA_W

ClientSampleId :

VW0912SBS01

Tot Ion: 94 Resp: 83519

Ion Ratio Lower Upper

94 100

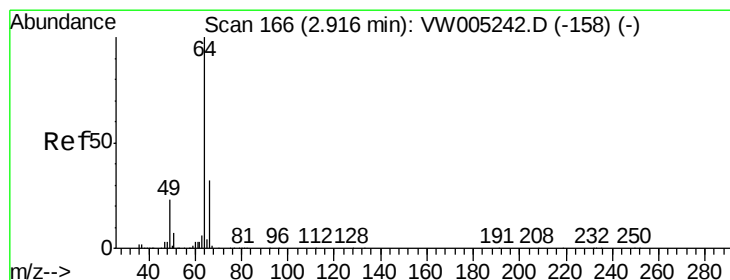
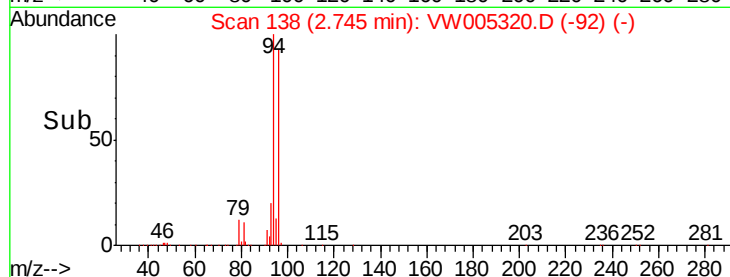
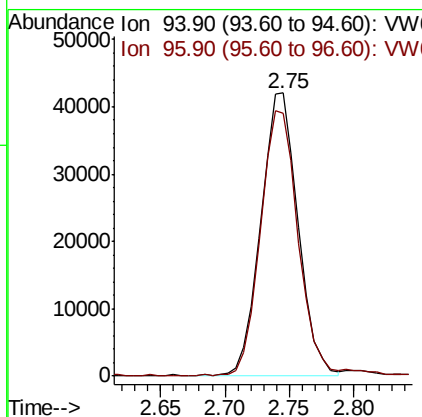
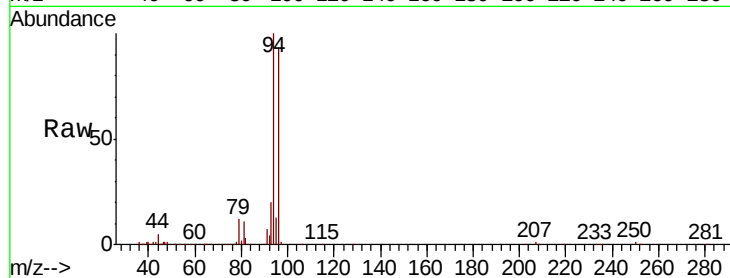
96 92.9 74.1 111.1

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#6

Chloroethane

Concen: 22.87 ug/l

RT: 2.90 min Scan# 164

Delta R.T. -0.01 min

Lab File: VW005320.D

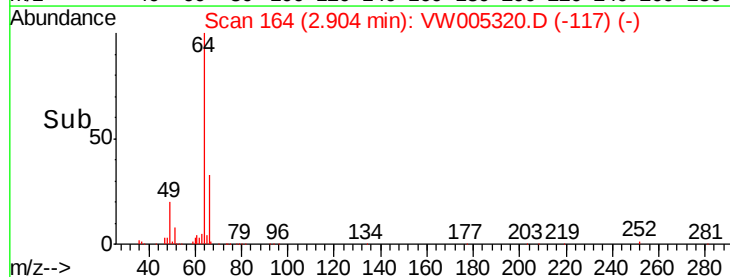
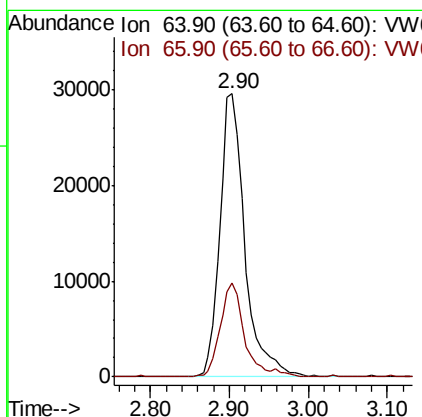
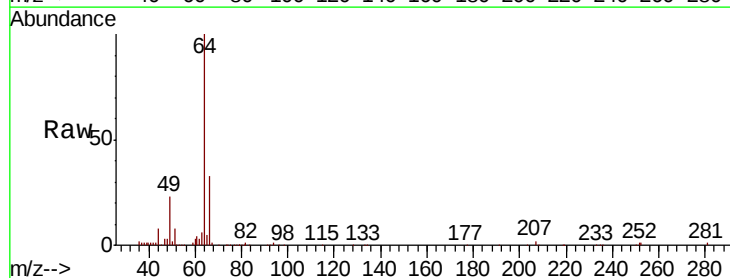
Acq: 12 Sep 2018 12:58

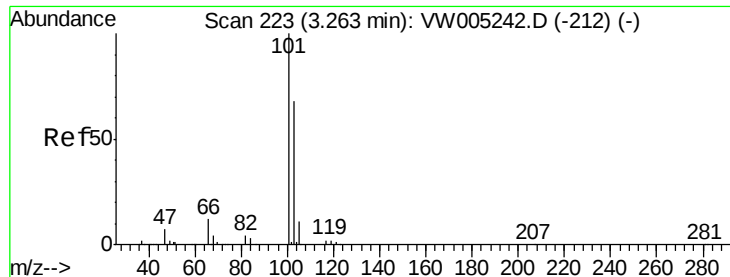
Tgt Ion: 64 Resp: 65333

Ion Ratio Lower Upper

64 100

66 33.0 25.3 37.9





#7

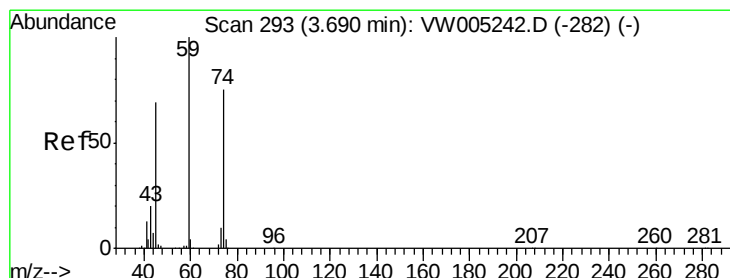
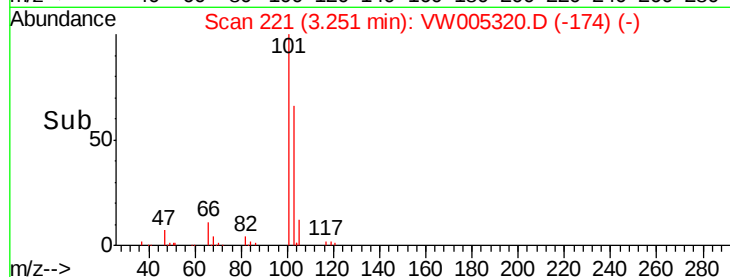
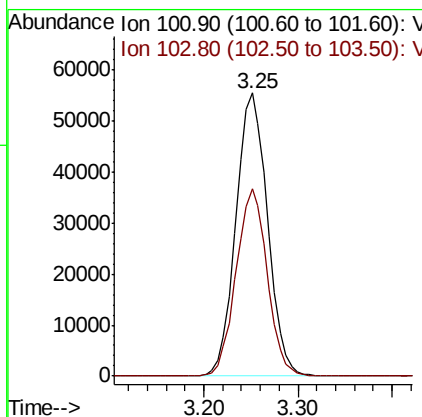
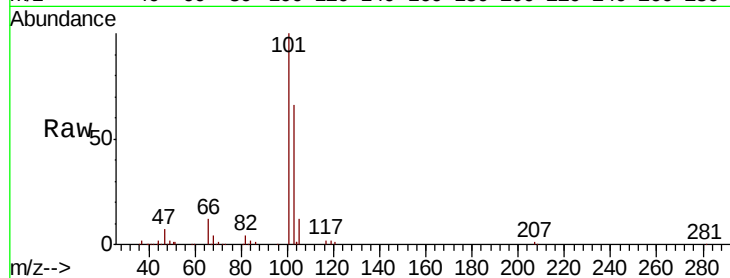
Trichlorofluoromethane
Concen: 22.19 ug/l
RT: 3.25 min Scan# 221
Delta R.T. -0.01 min
Lab File: VW005320.D
Acq: 12 Sep 2018 12:58

Instrument :
MSVOA_W
ClientSampleId :
VW0912SBS01

Tot Ion	Ratio	Lower	Upper
101	100		
103	66.0	54.1	81.1

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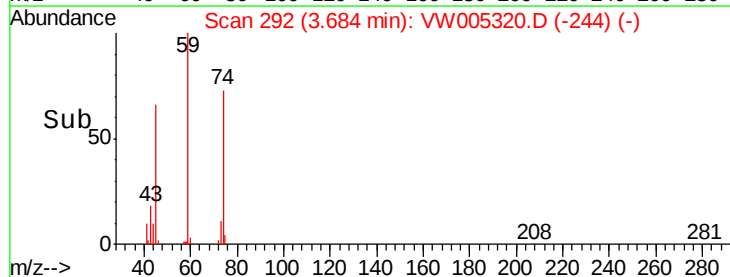
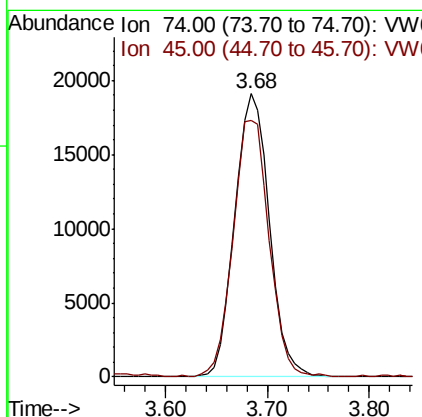
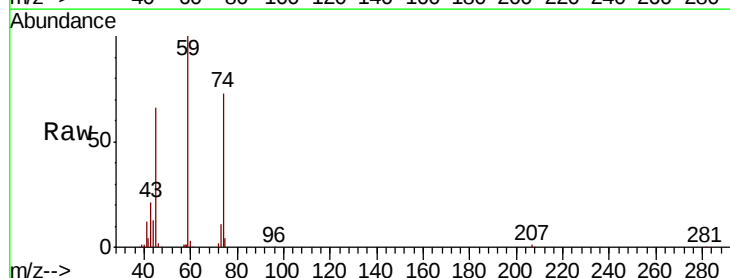
apatel
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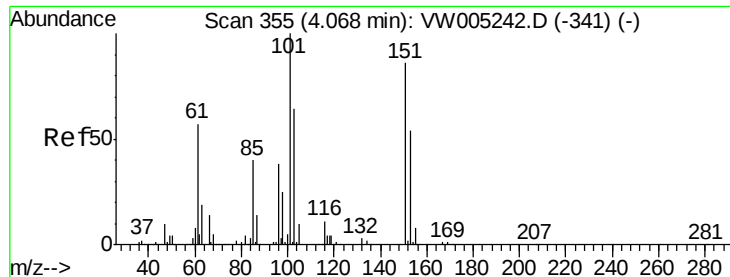


#8

Diethyl Ether
Concen: 21.56 ug/l
RT: 3.68 min Scan# 292
Delta R.T. -0.01 min
Lab File: VW005320.D
Acq: 12 Sep 2018 12:58

Tgt Ion	Ratio	Lower	Upper
74	100		
45	94.4	45.1	135.3





#9

1,1,2-Trichlorotrifluoroethane

Concen: 21.60 ug/l

RT: 4.06 min Scan# 354

Delta R.T. -0.01 min

Lab File: VW005320.D

Acq: 12 Sep 2018 12:58

Instrument :

MSVOA_W

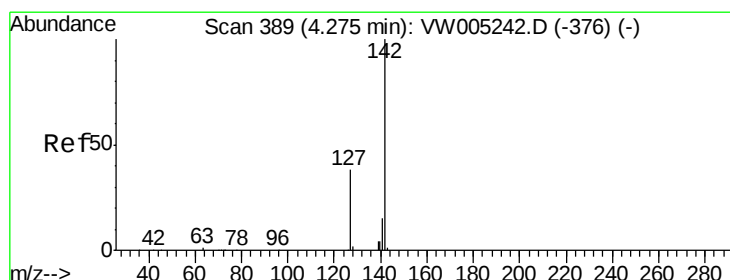
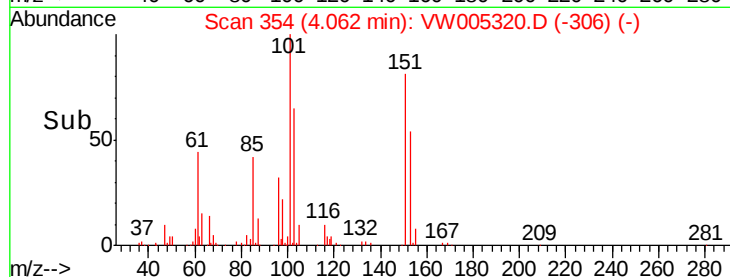
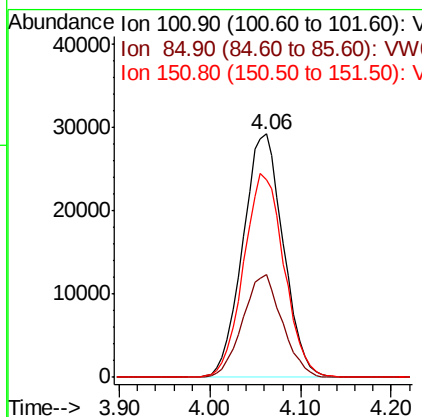
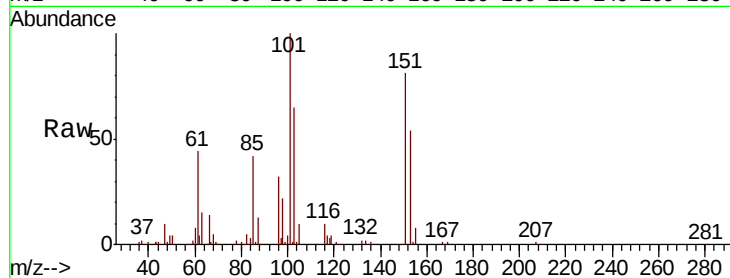
ClientSampleId :

VW0912SBS01

Tot Ion:	101	Resp:	90541
Ion Ratio	Lower	Upper	
101	100		
85	41.2	32.7	49.1
151	83.6	67.6	101.4

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#10

Methyl Iodide

Concen: 16.85 ug/l

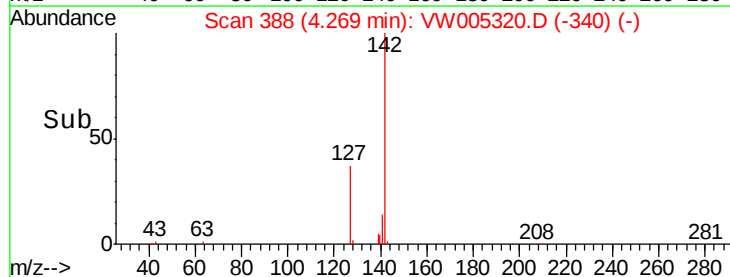
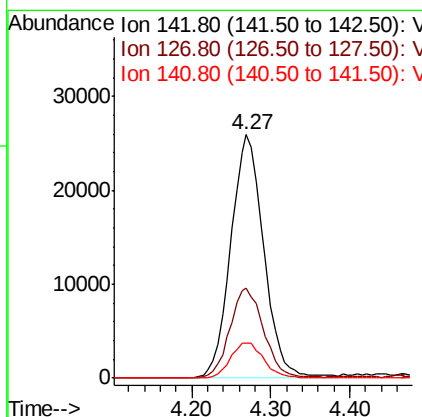
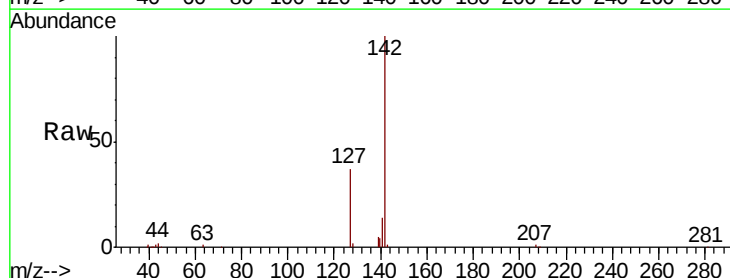
RT: 4.27 min Scan# 388

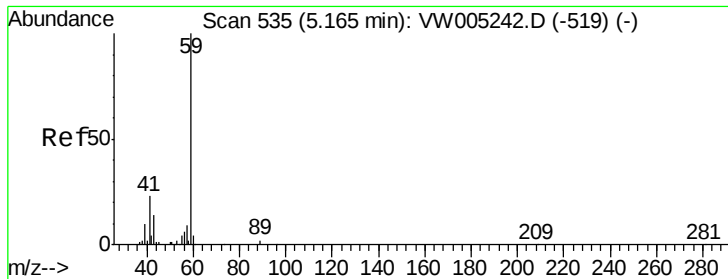
Delta R.T. -0.01 min

Lab File: VW005320.D

Acq: 12 Sep 2018 12:58

Tgt Ion:	142	Resp:	75464
Ion Ratio	Lower	Upper	
142	100		
127	38.0	30.3	45.5
141	14.6	11.4	17.0





#11

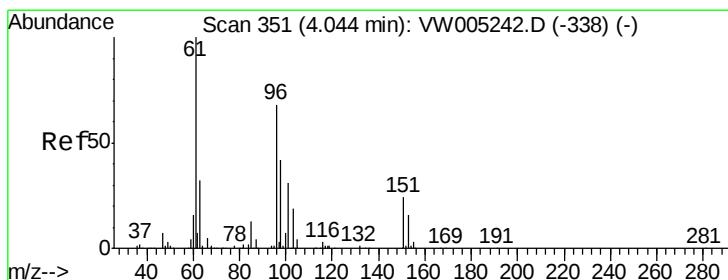
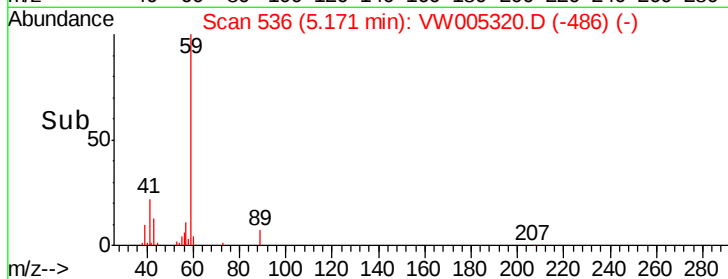
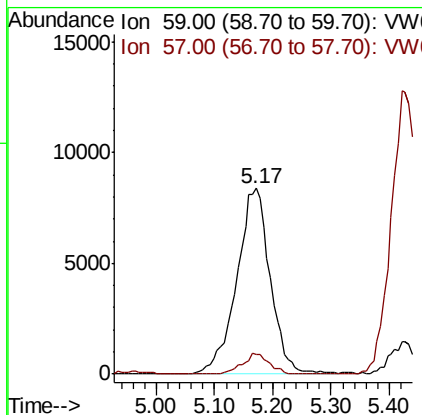
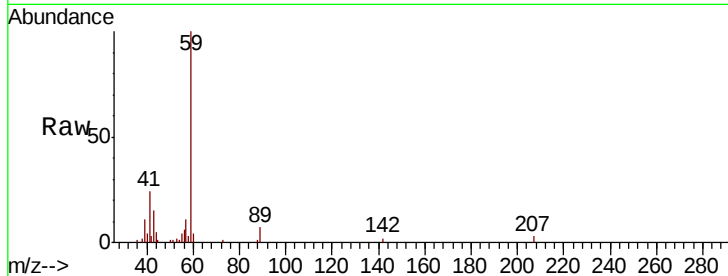
Tert butyl alcohol
Concen: 111.61 ug/l
RT: 5.17 min Scan# 536
Delta R.T. 0.01 min
Lab File: VW005320.D
Acq: 12 Sep 2018 12:58

Instrument :
MSVOA_W
ClientSampleId :
VW0912SBS01

Tot Ion	Ion	Ratio	Lower	Upper
59	59	100		
57	57	8.7	8.1	12.1

Manual Integrations
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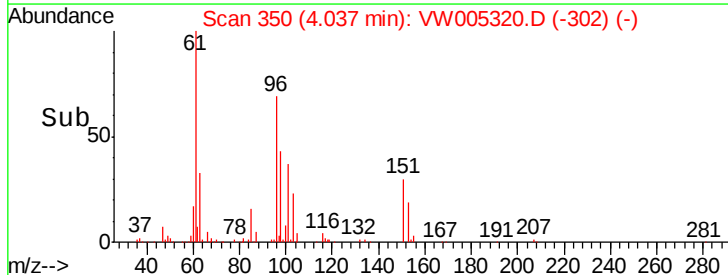
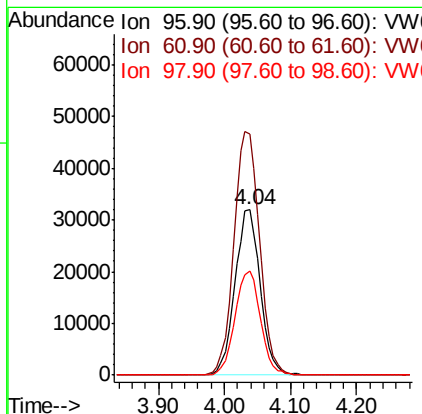
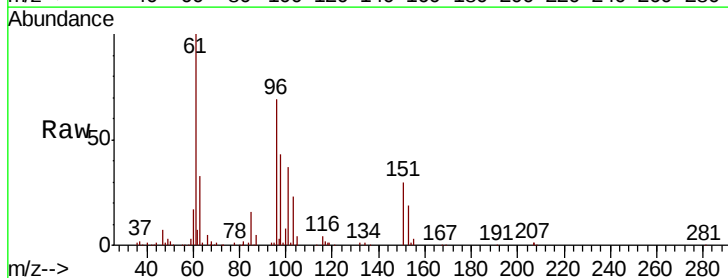
apatel
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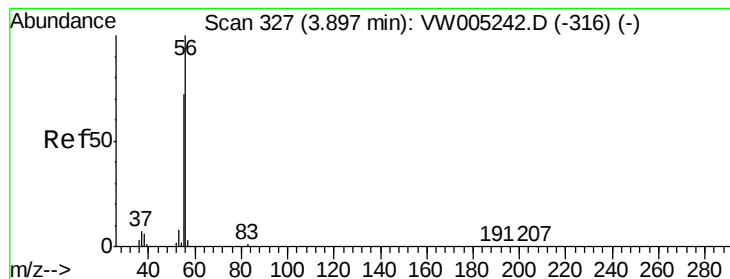


#12

1,1-Dichloroethene
Concen: 21.84 ug/l
RT: 4.04 min Scan# 350
Delta R.T. -0.01 min
Lab File: VW005320.D
Acq: 12 Sep 2018 12:58

Tgt Ion	Ion	Ratio	Lower	Upper
96	96	100		
61	61	145.9	118.2	177.2
98	98	62.9	49.9	74.9





#13

Acrolein

Concen: 105.79 ug/l

RT: 3.90 min Scan# 327

Delta R.T. -0.00 min

Lab File: VW005320.D

Acq: 12 Sep 2018 12:58

Instrument :

MSVOA_W

ClientSampleId :

VW0912SBS01

Tot Ion: 56 Resp: 30620

Ion Ratio Lower Upper

56 100

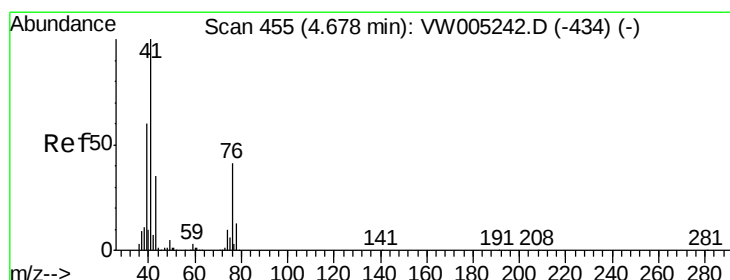
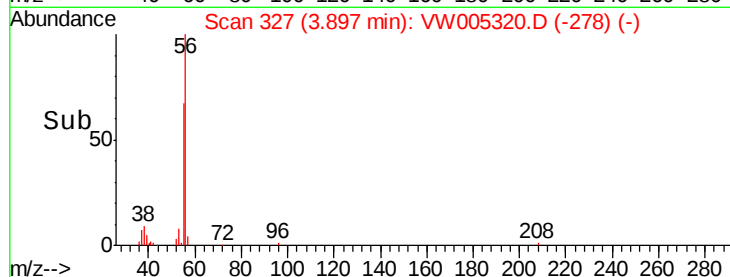
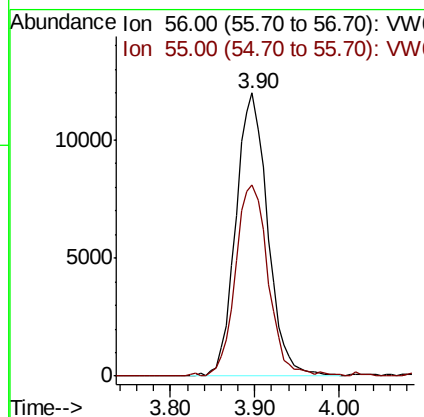
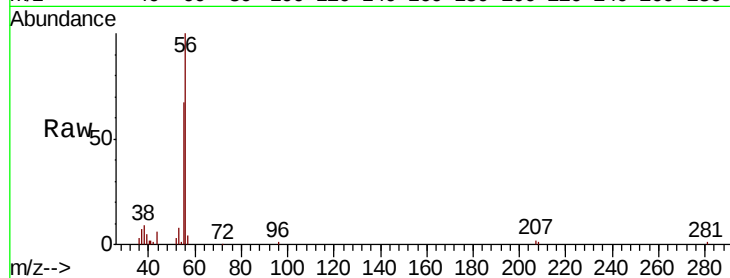
55 69.7 56.8 85.2

Manual Integrations

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#14

Allyl chloride

Concen: 21.54 ug/l

RT: 4.67 min Scan# 454

Delta R.T. -0.01 min

Lab File: VW005320.D

Acq: 12 Sep 2018 12:58

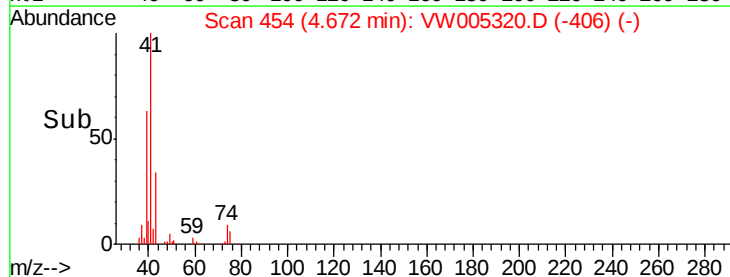
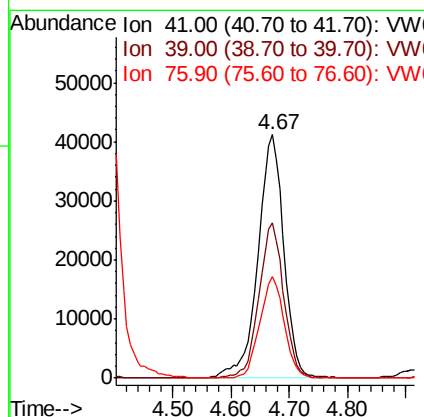
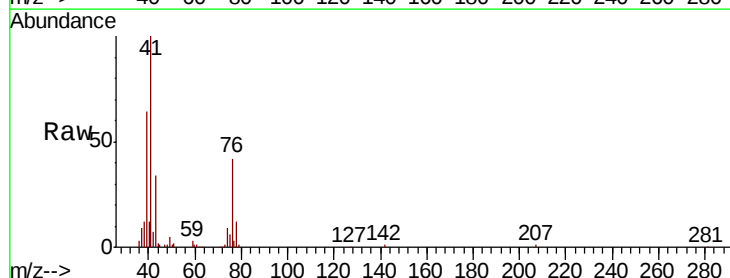
Tgt Ion: 41 Resp: 127698

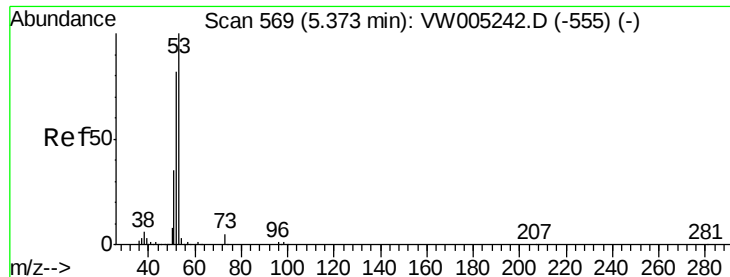
Ion Ratio Lower Upper

41 100

39 60.9 48.2 72.4

76 39.2 31.7 47.5





#15

Acrylonitrile

Concen: 108.50 ug/l

RT: 5.37 min Scan# 569

Delta R.T. -0.00 min

Lab File: VW005320.D

Acq: 12 Sep 2018 12:58

Instrument :

MSVOA_W

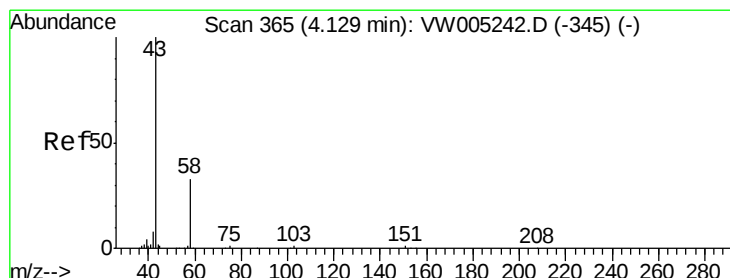
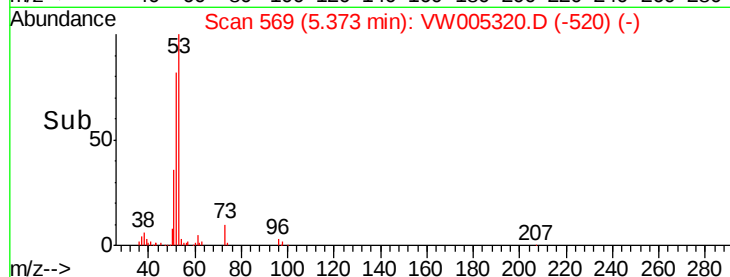
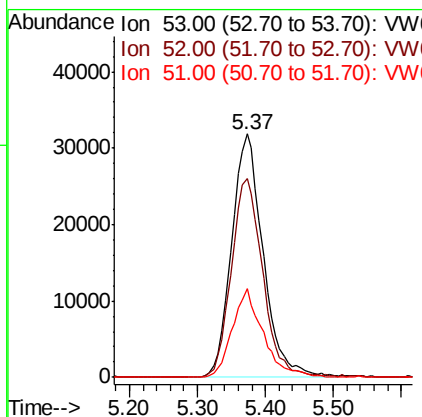
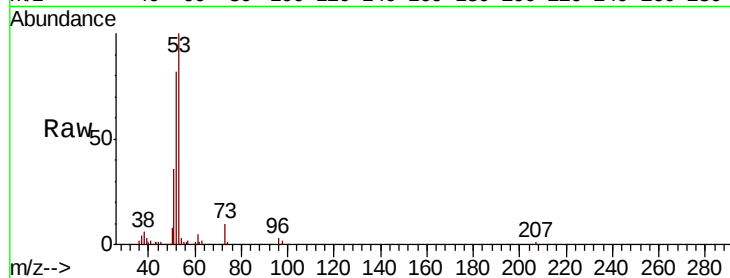
ClientSampleId :

VW0912SBS01

Tot Ion	Ion	Ratio	Lower	Upper
53	100			
52	81.6	66.0	99.0	
51	35.8	28.6	43.0	

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#16

Acetone

Concen: 117.99 ug/l

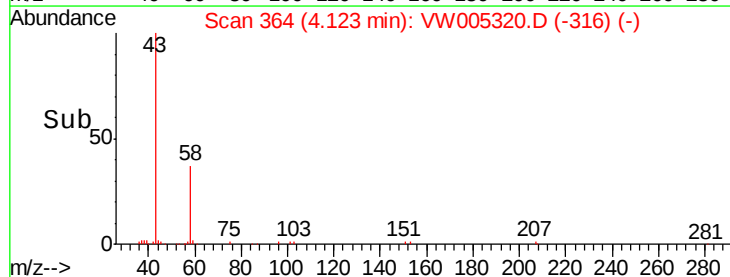
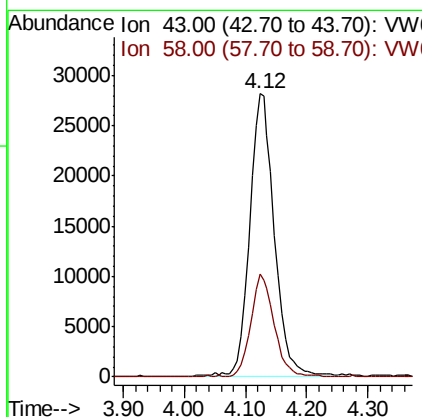
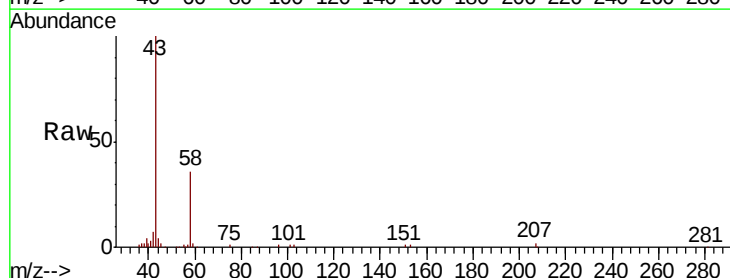
RT: 4.12 min Scan# 364

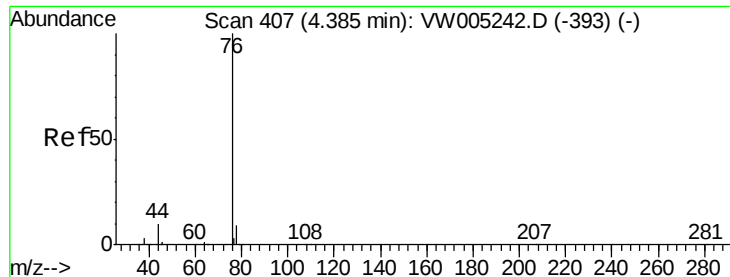
Delta R.T. -0.01 min

Lab File: VW005320.D

Acq: 12 Sep 2018 12:58

Tgt Ion	Ion	Ratio	Lower	Upper
43	100			
58	36.5	26.7	40.1	





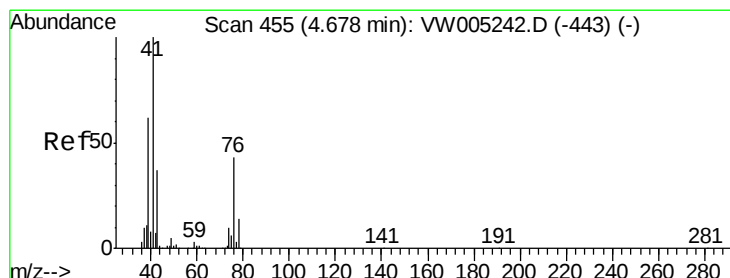
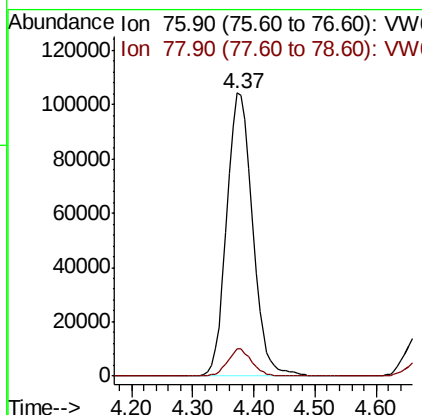
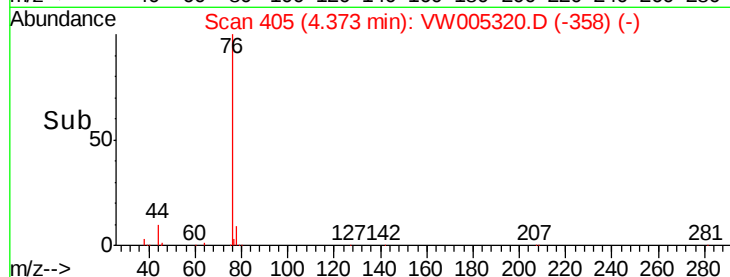
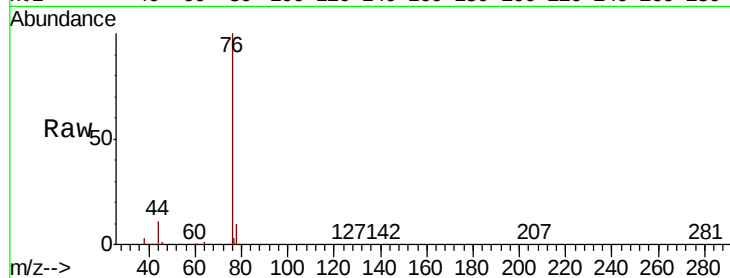
#17
Carbon Disulfide
Concen: 22.49 ug/l
RT: 4.37 min Scan# 405
Delta R.T. -0.01 min
Lab File: VW005320.D
Acq: 12 Sep 2018 12:58

Instrument :
MSVOA_W
ClientSampleId :
VW0912SBS01

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.6	7.5	11.3

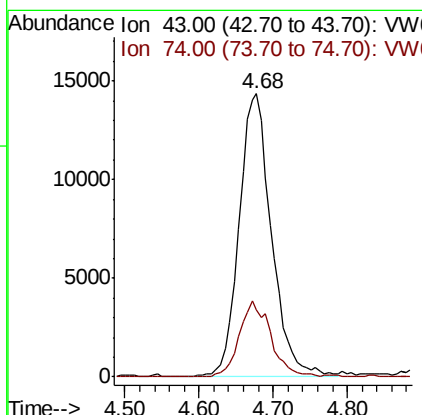
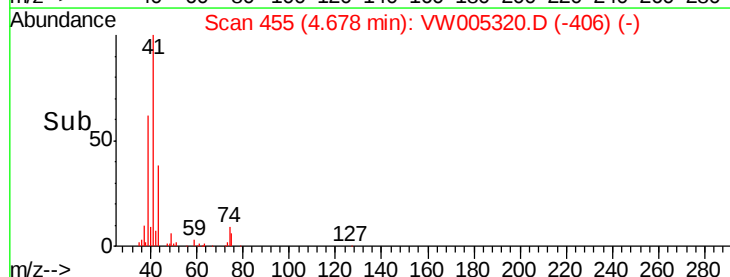
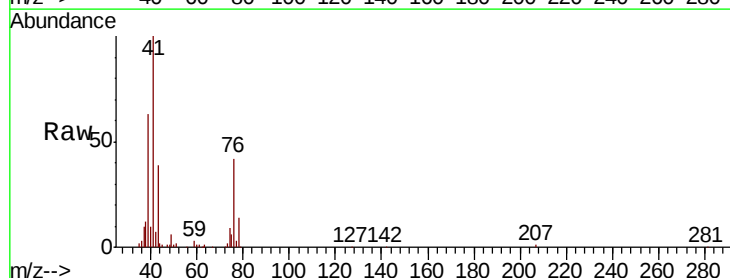
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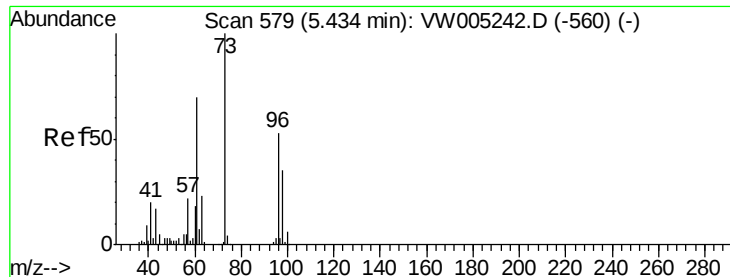
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#18
Methyl Acetate
Concen: 21.67 ug/l
RT: 4.68 min Scan# 455
Delta R.T. -0.00 min
Lab File: VW005320.D
Acq: 12 Sep 2018 12:58

Tgt Ion	Ratio	Lower	Upper
43	100		
74	26.0	21.4	32.2





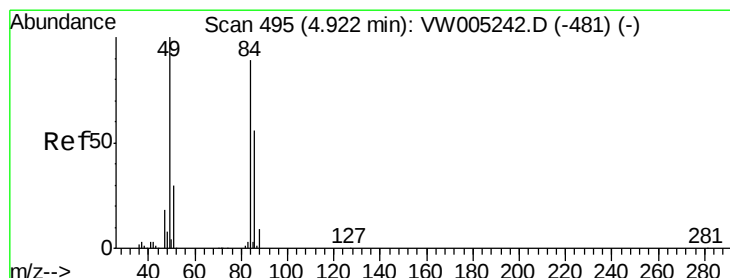
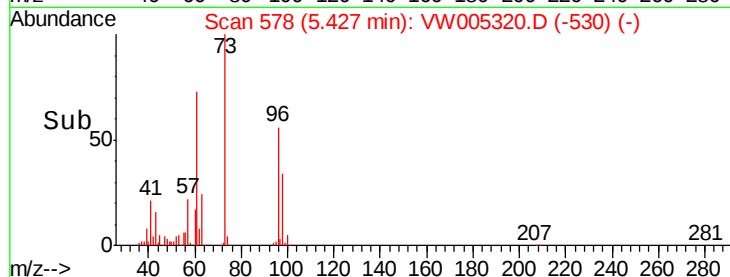
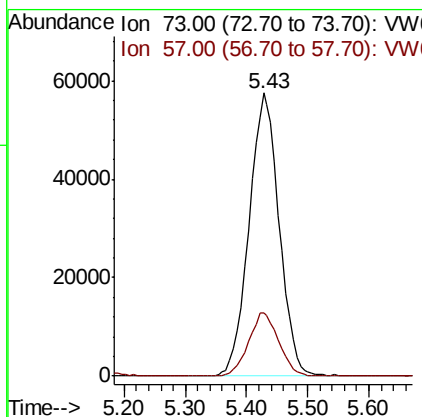
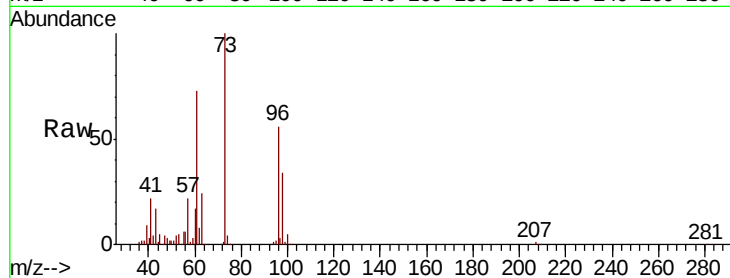
#19
Methvl tert-butvl Ether
Concen: 21.45 ug/l
RT: 5.43 min Scan# 578
Delta R.T. -0.01 min
Lab File: VW005320.D
Acq: 12 Sep 2018 12:58

Instrument :
MSVOA_W
ClientSampleId :
VW0912SBS01

Tot Ion	Ratio	Lower	Upper
73	100		
57	22.2	17.4	26.2

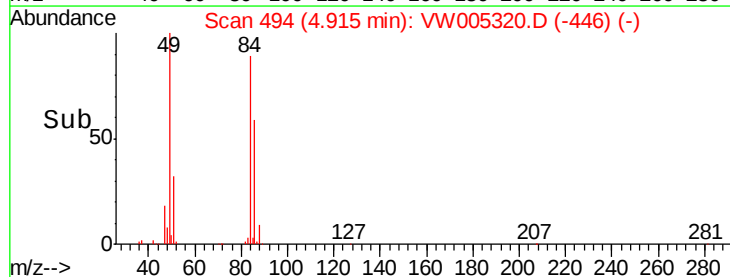
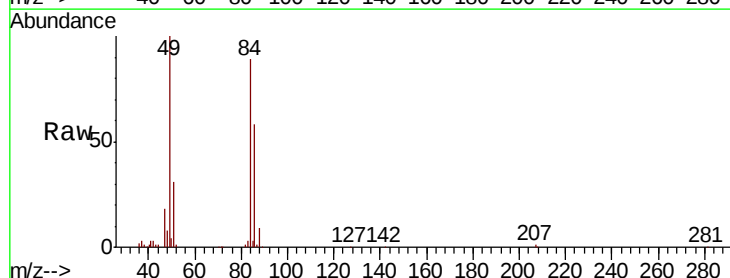
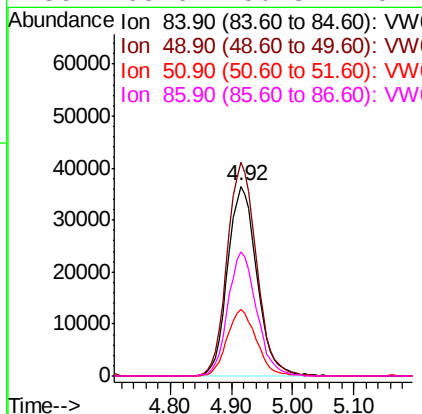
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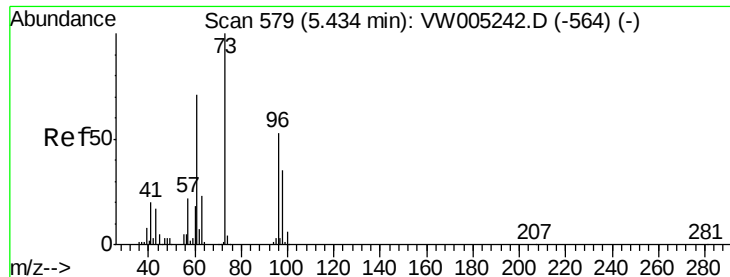
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#20
Methylene Chloride
Concen: 22.21 ug/l
RT: 4.92 min Scan# 494
Delta R.T. -0.01 min
Lab File: VW005320.D
Acq: 12 Sep 2018 12:58

Tgt Ion	Ratio	Lower	Upper
84	100		
49	112.6	90.3	135.5
51	35.4	26.9	40.3
86	65.6	50.8	76.2





#21

trans-1,2-Dichloroethene

Concen: 21.04 ug/l

RT: 5.43 min Scan# 578

Delta R.T. -0.01 min

Lab File: VW005320.D

Acq: 12 Sep 2018 12:58

Instrument :

MSVOA_W

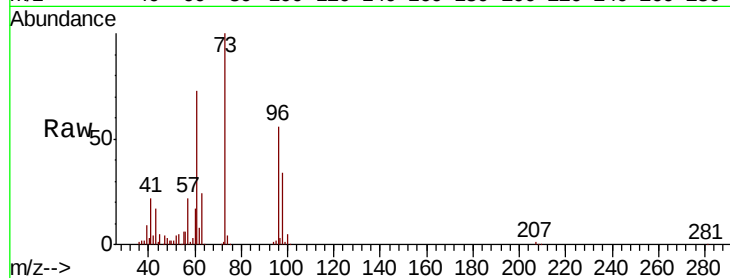
ClientSampled :

VW0912SBS01

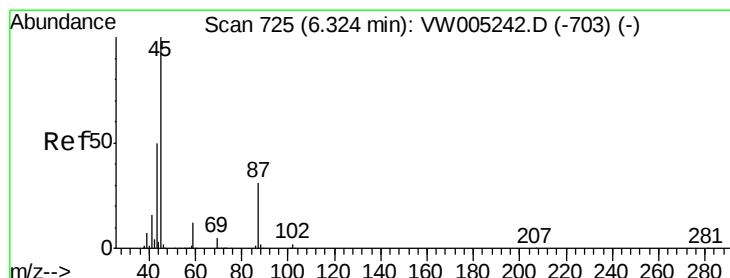
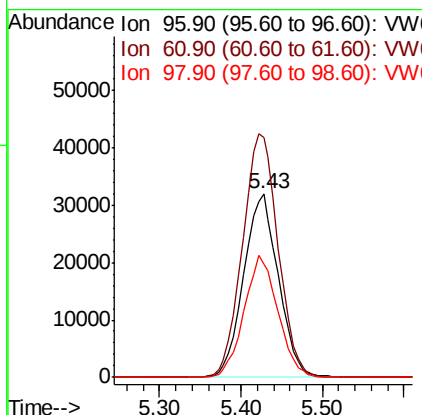
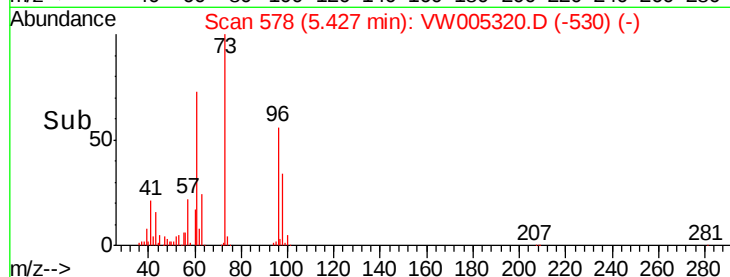
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Tot Ion:	96	Resp:	94781
Ion	Ratio	Lower	Upper
96	100		
61	130.3	105.7	158.5
98	61.1	52.8	79.2



#22

Diisopropyl ether

Concen: 22.45 ug/l

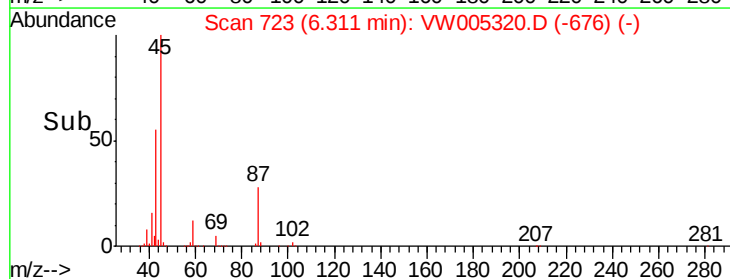
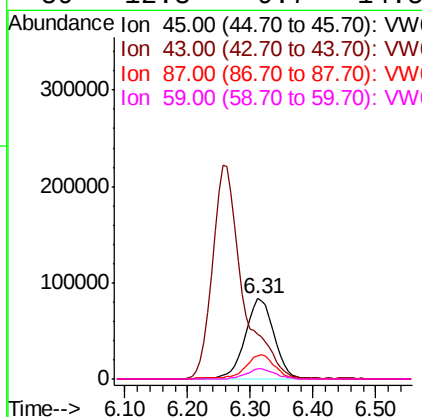
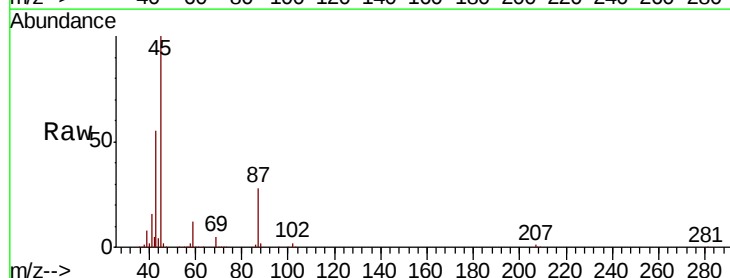
RT: 6.31 min Scan# 723

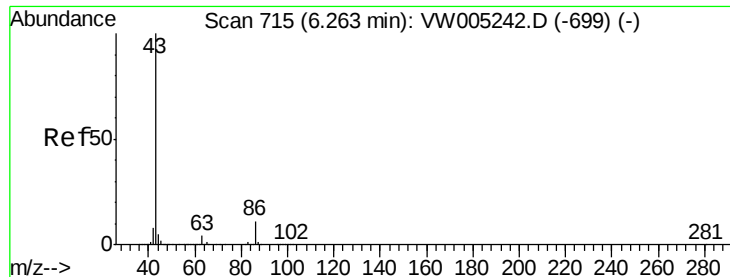
Delta R.T. -0.01 min

Lab File: VW005320.D

Acq: 12 Sep 2018 12:58

Tgt Ion:	45	Resp:	267936
Ion	Ratio	Lower	Upper
45	100		
43	54.3	39.6	59.4
87	28.1	24.7	37.1
59	12.3	9.7	14.5





#23

Vinyl Acetate

Concen: 110.61 ug/l

RT: 6.26 min Scan# 714

Delta R.T. -0.01 min

Lab File: VW005320.D

Acq: 12 Sep 2018 12:58

Instrument :

MSVOA_W

ClientSampled :

VW0912SBS01

Tot Ion: 43 Resp: 735815

Ion Ratio Lower Upper

43 100

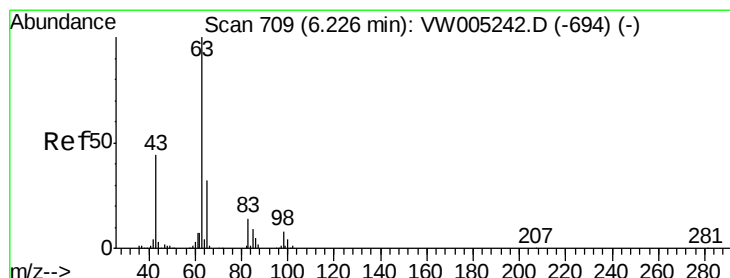
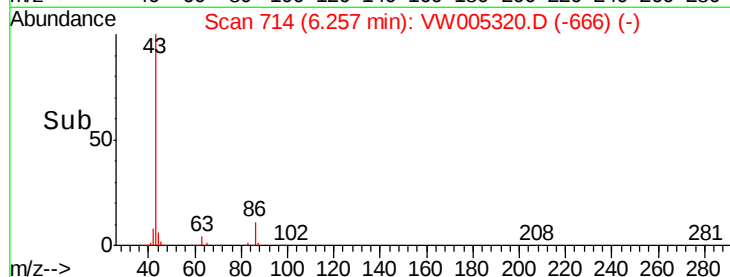
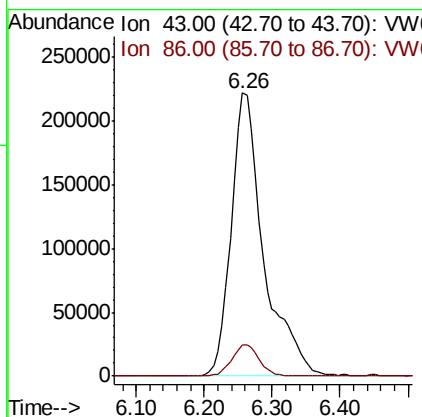
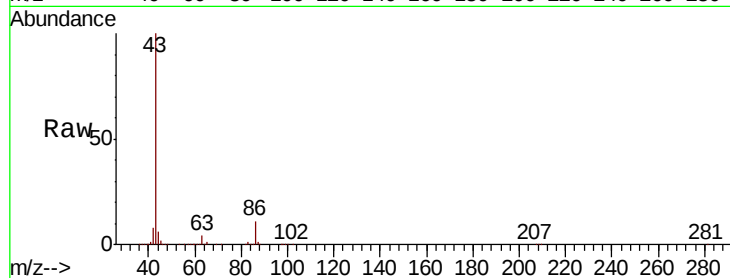
86 11.2 8.9 13.3

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#24

1,1-Dichloroethane

Concen: 21.90 ug/l

RT: 6.22 min Scan# 708

Delta R.T. -0.01 min

Lab File: VW005320.D

Acq: 12 Sep 2018 12:58

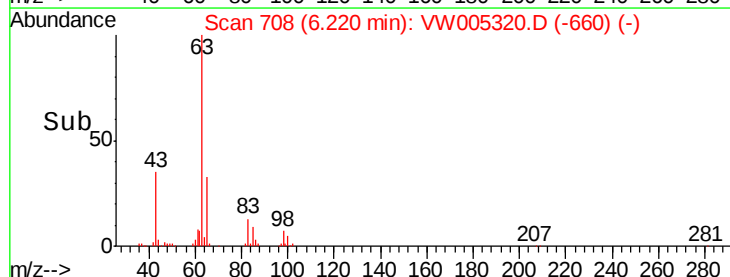
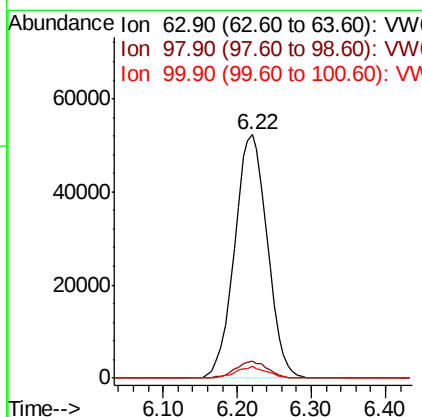
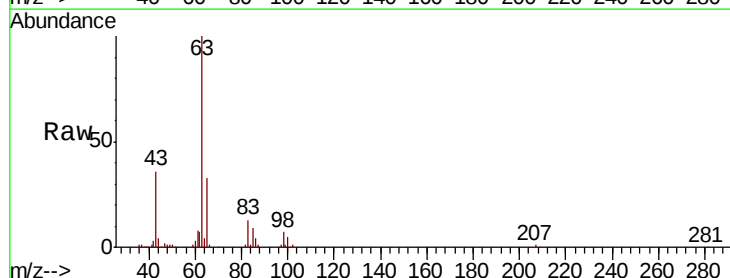
Tgt Ion: 63 Resp: 160890

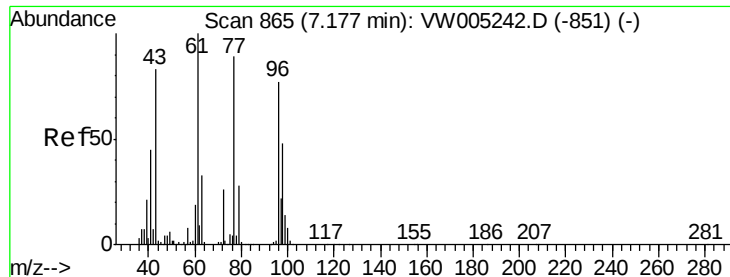
Ion Ratio Lower Upper

63 100

98 7.1 3.8 11.4

100 4.7 2.2 6.6





#25

2-Butanone

Concen: 115.19 ug/l

RT: 7.18 min Scan# 865

Delta R.T. -0.00 min

Lab File: VW005320.D

Acq: 12 Sep 2018 12:58

Instrument :

MSVOA_W

ClientSampled :

VW0912SBS01

Tot Ion: 43 Resp: 123229

Ion Ratio Lower Upper

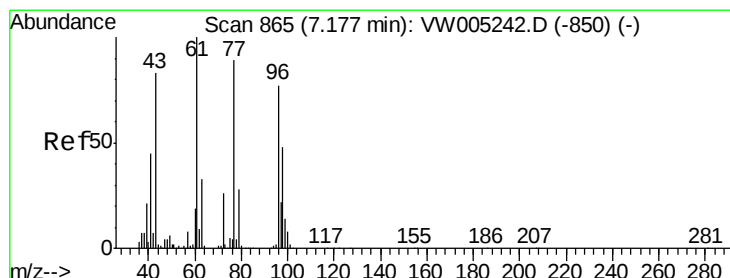
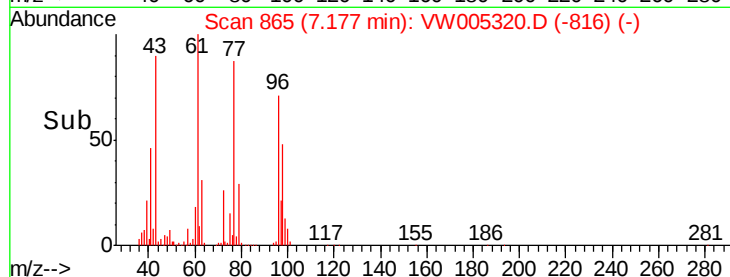
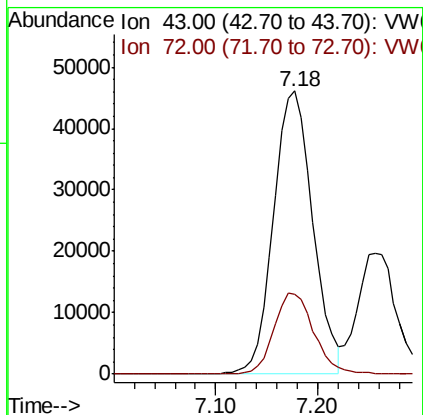
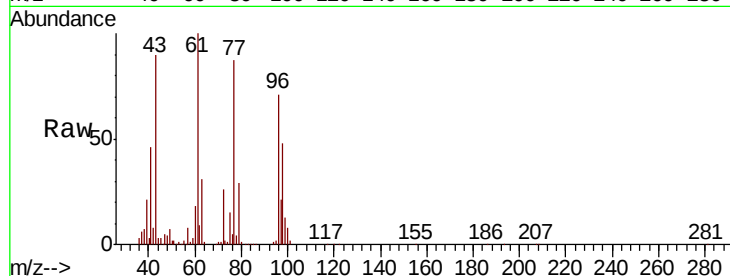
43 100

72 28.4 25.0 37.6

Manual Integrations
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#26

2,2-Dichloropropane

Concen: 22.07 ug/l

RT: 7.17 min Scan# 864

Delta R.T. -0.01 min

Lab File: VW005320.D

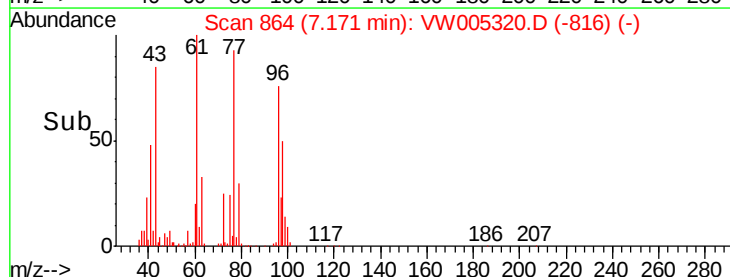
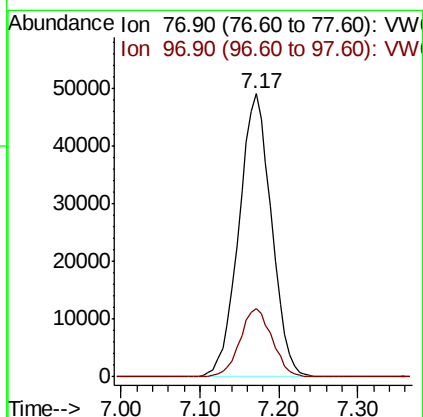
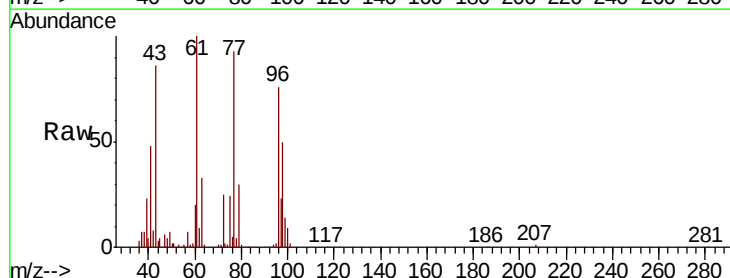
Acq: 12 Sep 2018 12:58

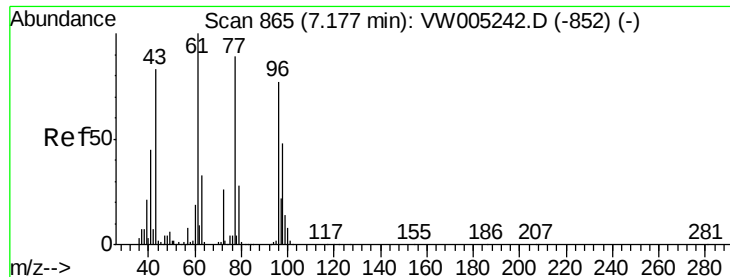
Tgt Ion: 77 Resp: 140603

Ion Ratio Lower Upper

77 100

97 23.8 12.2 36.6





#27

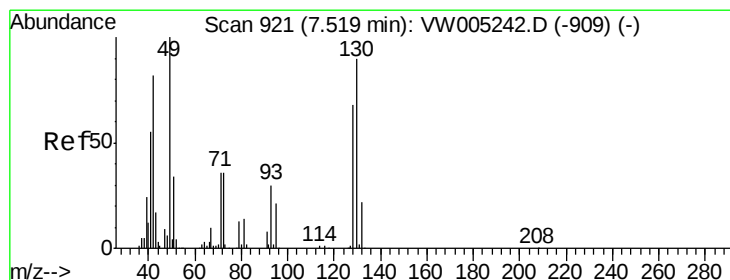
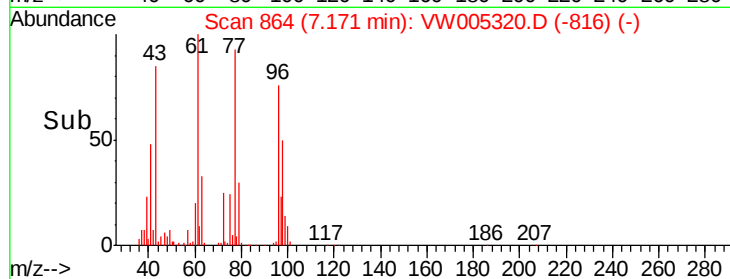
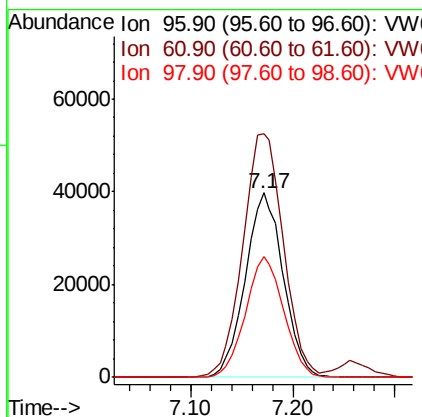
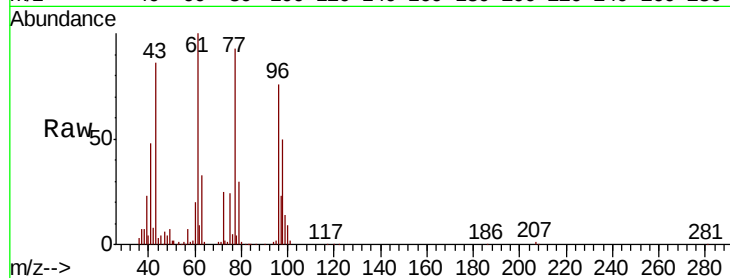
cis-1,2-Dichloroethene
Concen: 21.36 ug/l
RT: 7.17 min Scan# 864
Delta R.T. -0.01 min
Lab File: VW005320.D
Acq: 12 Sep 2018 12:58

Instrument :
MSVOA_W
ClientSampleId :
VW0912SBS01

Tot Ion	Ratio	Lower	Upper
96	100		
61	141.1	0.0	273.4
98	65.7	0.0	127.8

Manual Integrations
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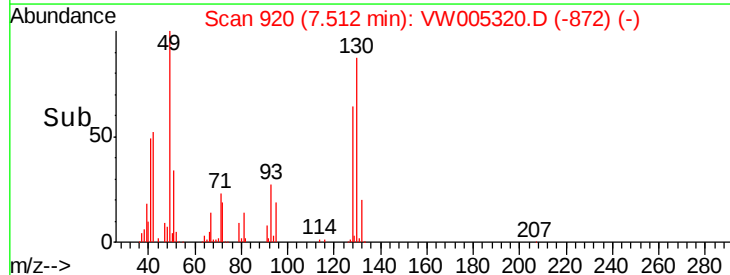
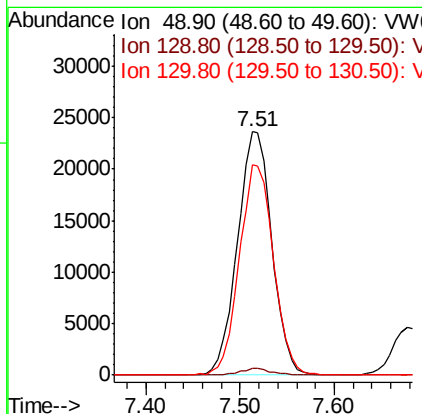
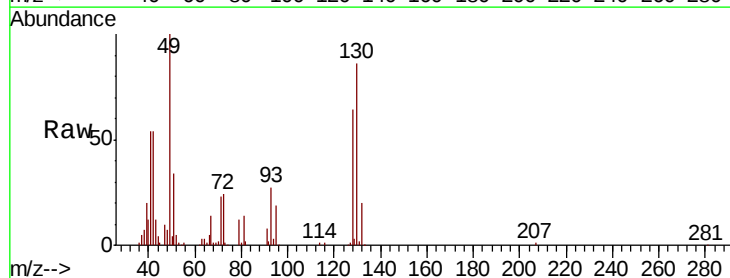
apatel
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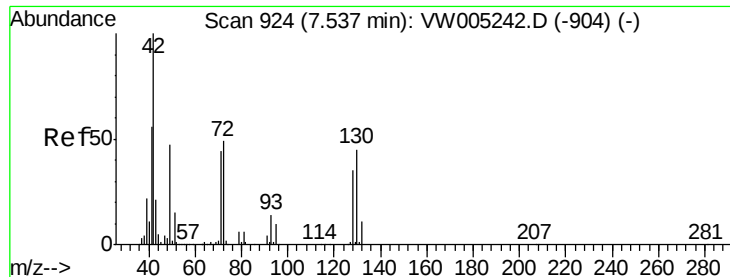


#28

Bromochloromethane
Concen: 22.21 ug/l
RT: 7.51 min Scan# 920
Delta R.T. -0.01 min
Lab File: VW005320.D
Acq: 12 Sep 2018 12:58

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.4	0.0	2.0#
130	86.1	71.2	106.8





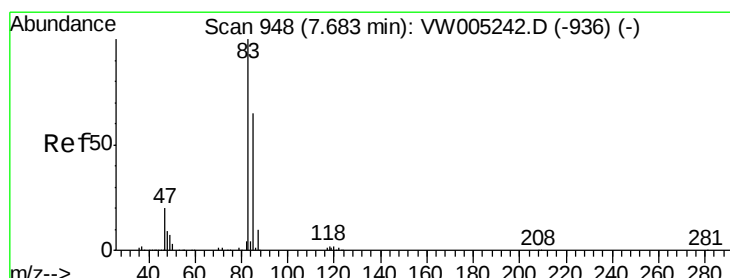
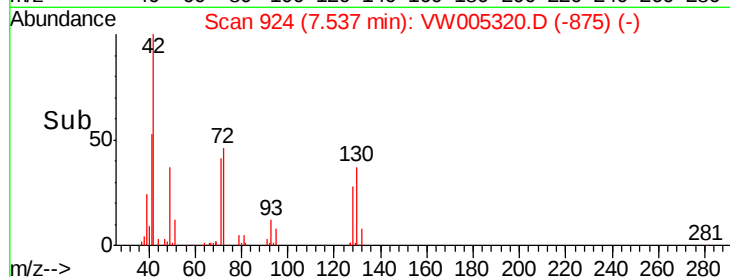
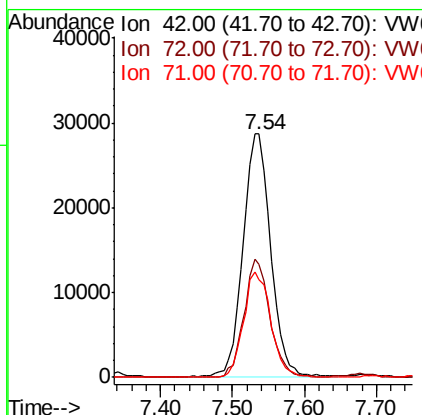
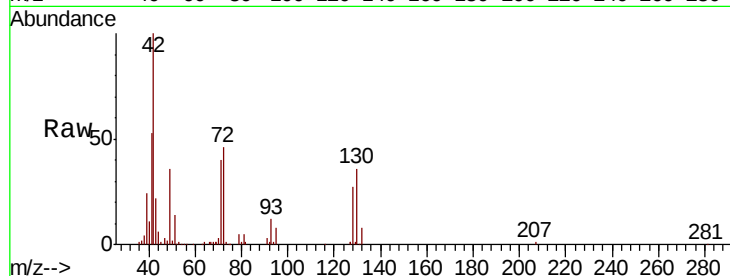
#29
Tetrahydrofuran
Concen: 106.82 ug/l
RT: 7.54 min Scan# 924
Delta R.T. -0.00 min
Lab File: VW005320.D
Acq: 12 Sep 2018 12:58

Instrument :
MSVOA_W
ClientSampleId :
VW0912SBS01

Tot Ion	Ratio	Lower	Upper
42	100		
72	45.2	37.5	56.3
71	42.3	34.8	52.2

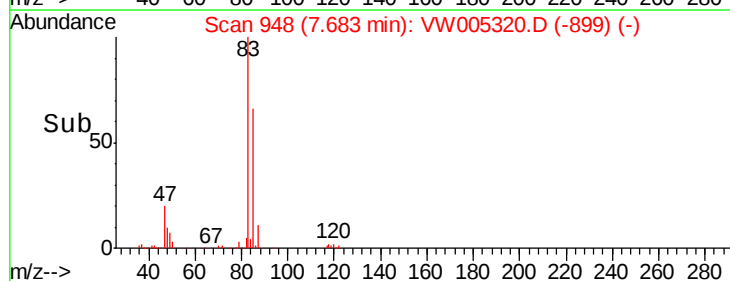
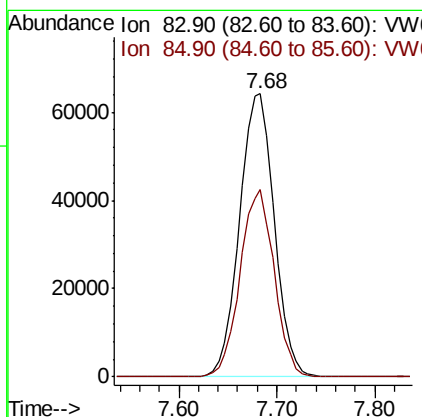
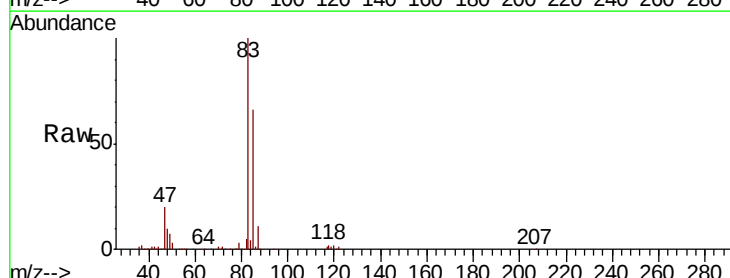
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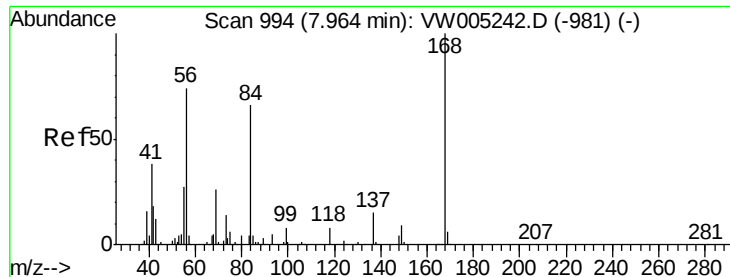
apatel
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#30
Chloroform
Concen: 21.44 ug/l
RT: 7.68 min Scan# 948
Delta R.T. -0.00 min
Lab File: VW005320.D
Acq: 12 Sep 2018 12:58

Tgt Ion	Ratio	Lower	Upper
83	100		
85	66.4	51.7	77.5





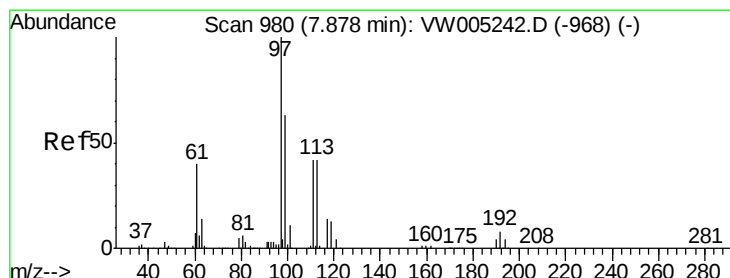
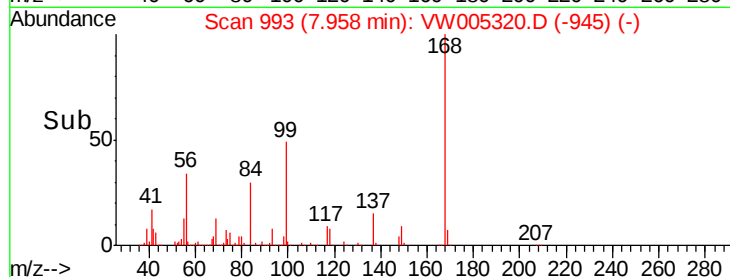
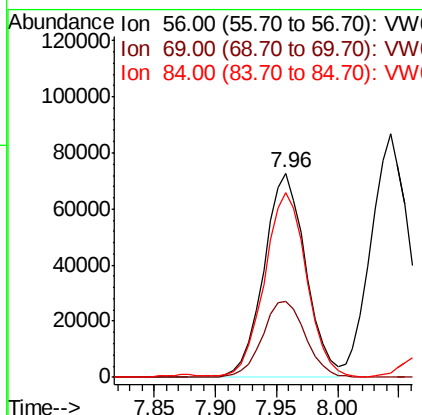
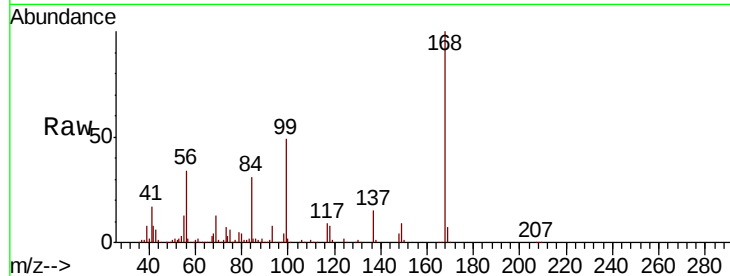
#31
Cvclohexane
Concen: 22.15 ug/l
RT: 7.96 min Scan# 993
Delta R.T. -0.01 min
Lab File: VW005320.D
Acq: 12 Sep 2018 12:58

Instrument :
MSVOA_W
ClientSampleId :
VW0912SBS01

Tot Ion	Ratio	Lower	Upper
56	100		
69	37.0	27.8	41.8
84	89.2	72.1	108.1

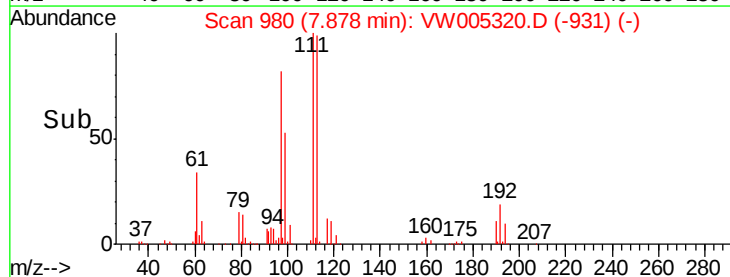
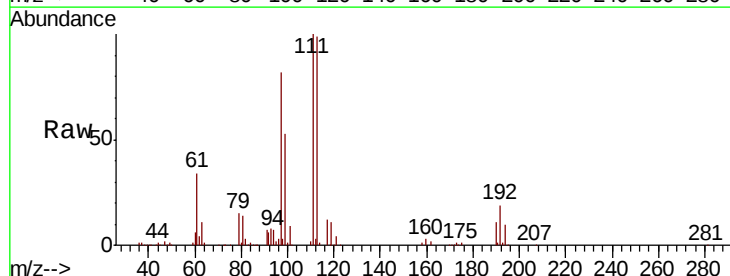
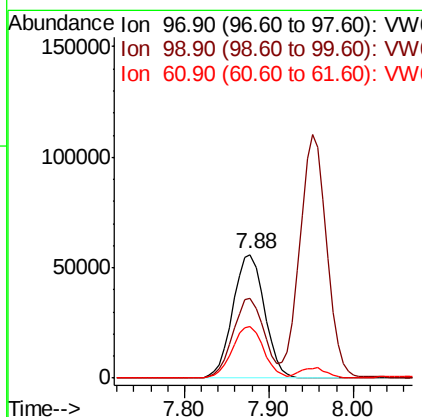
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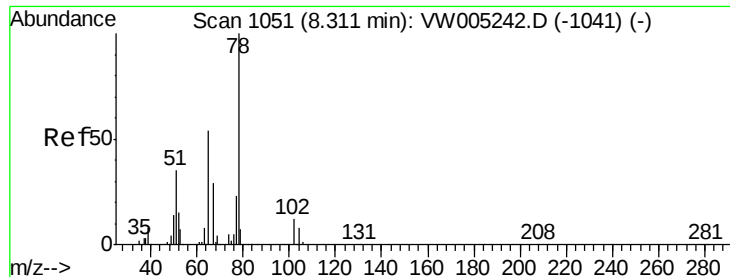
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#32
1,1,1-Trichloroethane
Concen: 21.28 ug/l
RT: 7.88 min Scan# 980
Delta R.T. -0.00 min
Lab File: VW005320.D
Acq: 12 Sep 2018 12:58

Tgt Ion	Ratio	Lower	Upper
97	100		
99	63.4	51.5	77.3
61	41.5	32.5	48.7





#33

1,2-Dichloroethane-d4

Concen: 53.04 ug/l

RT: 8.31 min Scan# 1051

Delta R.T. -0.00 min

Lab File: VW005320.D

Acq: 12 Sep 2018 12:58

Instrument :

MSVOA_W

ClientSampled :

VW0912SBS01

Tot Ion: 65 Resp: 193810

Ion Ratio Lower Upper

65 100

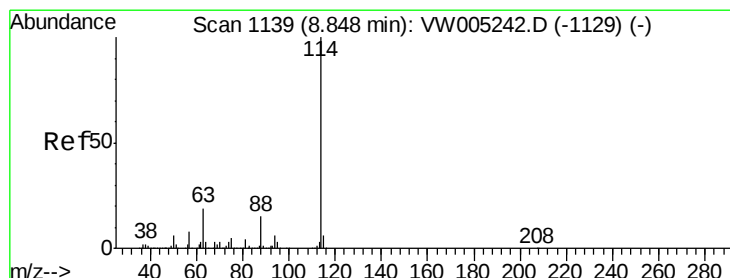
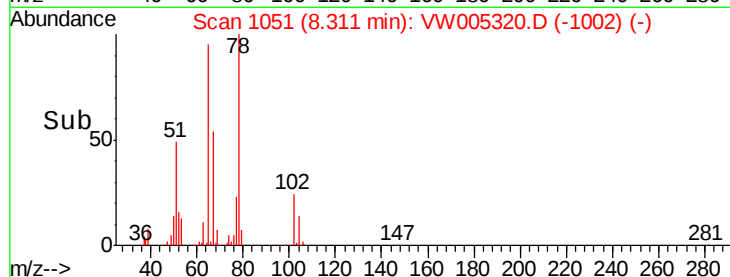
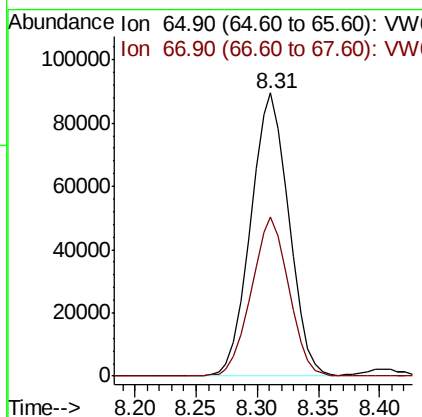
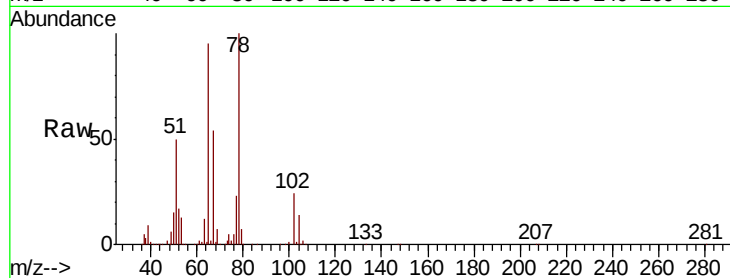
67 55.5 0.0 112.2

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: VW005320.D

Acq: 12 Sep 2018 12:58

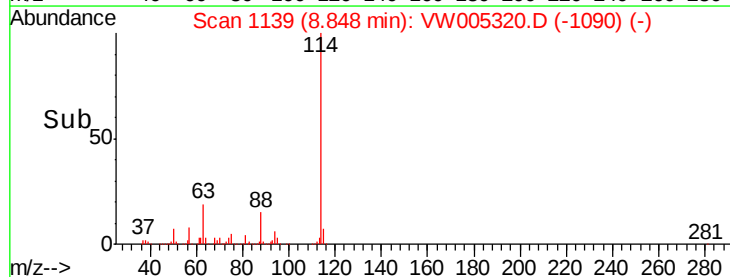
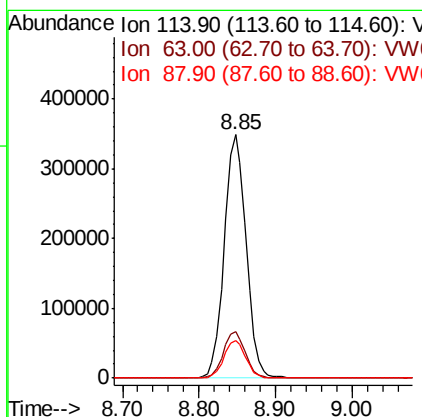
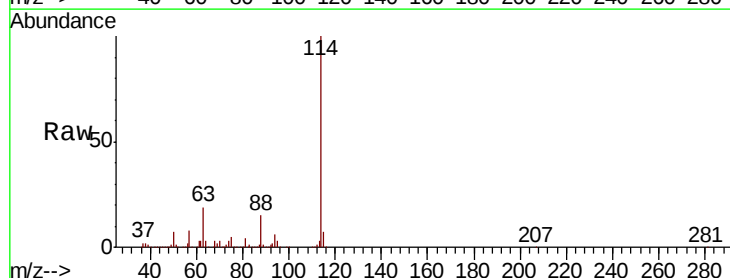
Tgt Ion: 114 Resp: 689211

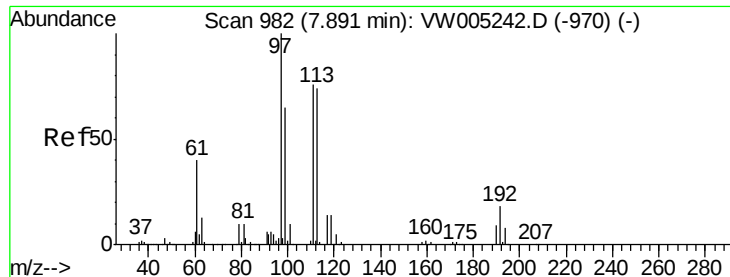
Ion Ratio Lower Upper

114 100

63 19.4 0.0 37.0

88 15.3 0.0 30.4





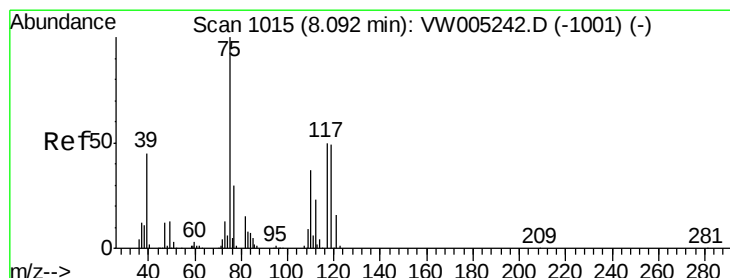
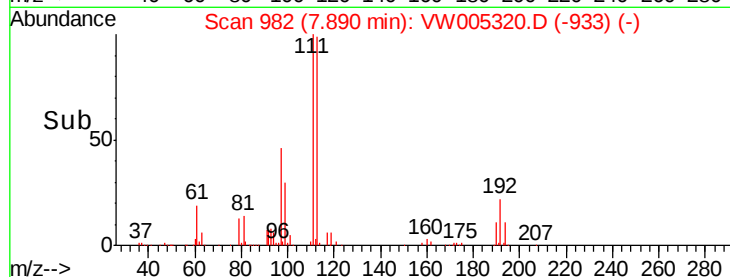
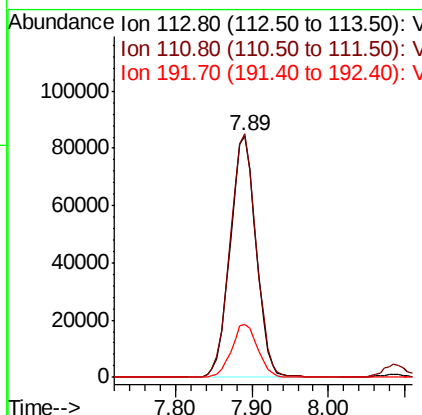
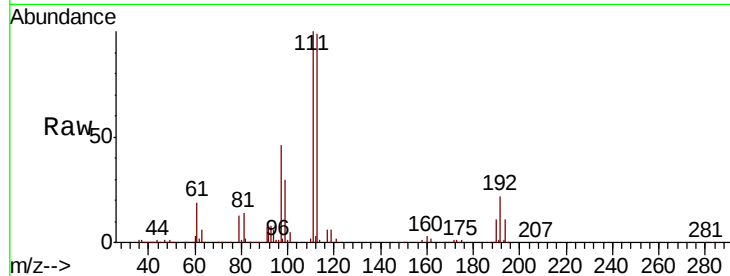
#35
 Dibromofluoromethane
 Concen: 54.62 ug/l
 RT: 7.89 min Scan# 982
 Delta R.T. -0.00 min
 Lab File: VW005320.D
 Acq: 12 Sep 2018 12:58

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0912SBS01

Tot Ion	Ratio	Resp	Lower	Upper
113	100	197190		
111	101.5	80.6	121.0	
192	22.0	18.3	27.5	

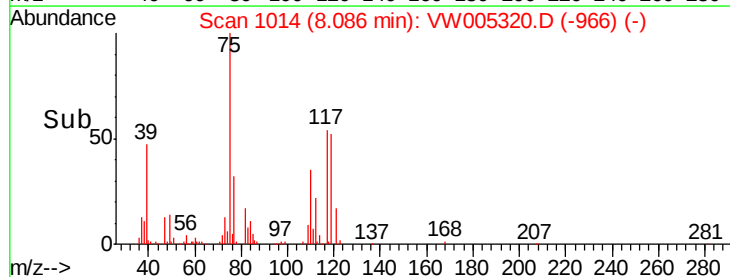
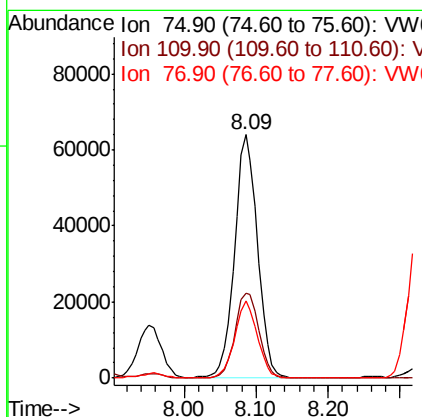
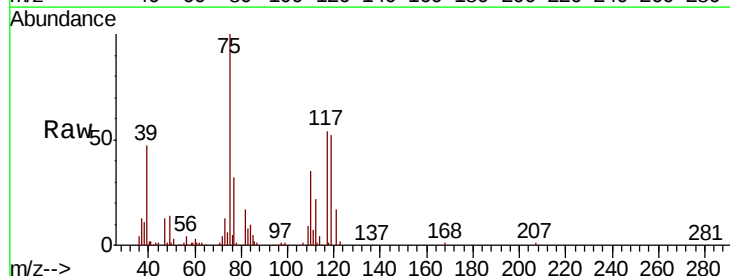
Manual Integrations
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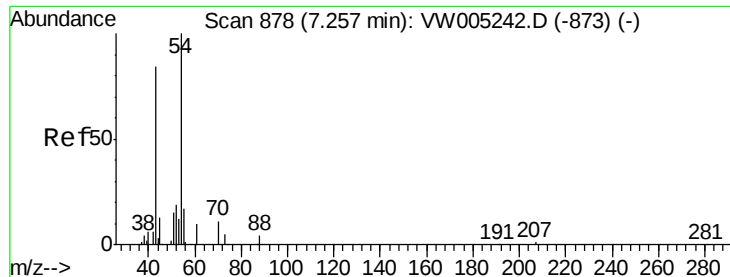
apatel
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#36
 1,1-Dichloropropene
 Concen: 22.33 ug/l
 RT: 8.09 min Scan# 1014
 Delta R.T. -0.01 min
 Lab File: VW005320.D
 Acq: 12 Sep 2018 12:58

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	141013		
110	36.7	18.8	56.4	
77	31.4	24.9	37.3	





#37

Ethyl Acetate

Concen: 22.08 ug/l

RT: 7.26 min Scan# 878

Delta R.T. -0.00 min

Lab File: VW005320.D

Acq: 12 Sep 2018 12:58

Instrument :

MSVOA_W

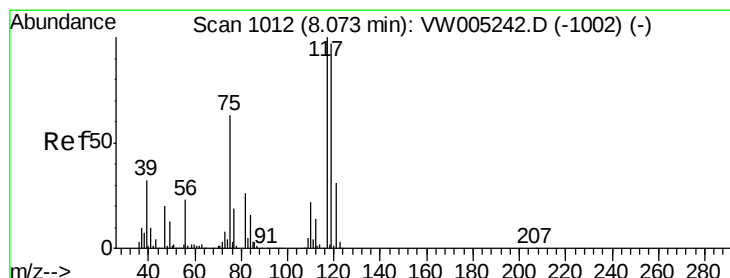
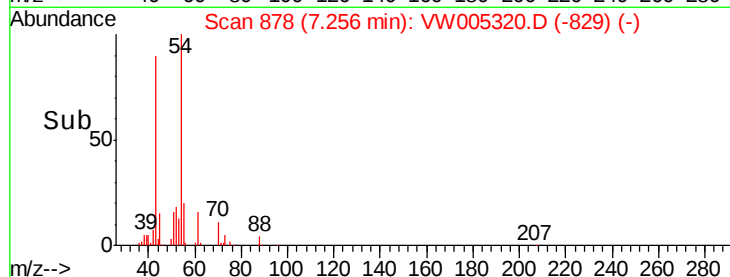
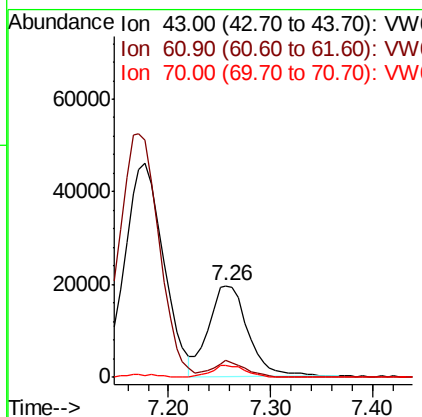
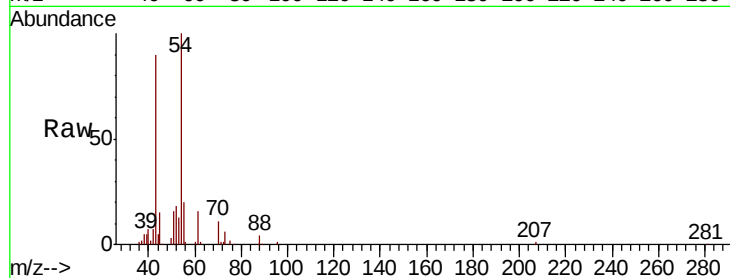
ClientSampleId :

VW0912SBS01

Tot Ion:	43	Resp:	53023
Ion Ratio	Lower	Upper	
43	100		
61	16.0	12.3	18.5
70	11.8	9.5	14.3

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#38

Carbon Tetrachloride

Concen: 21.33 ug/l

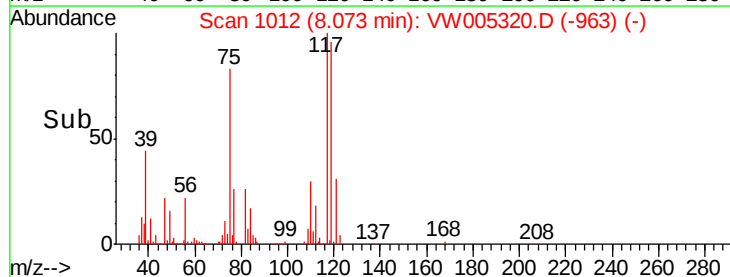
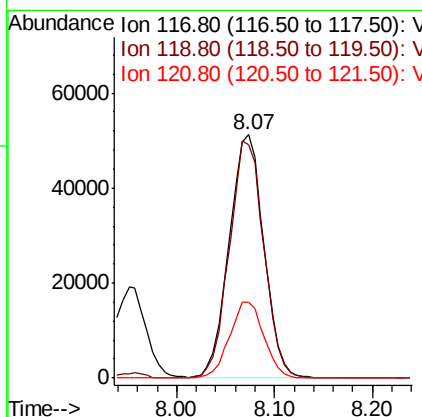
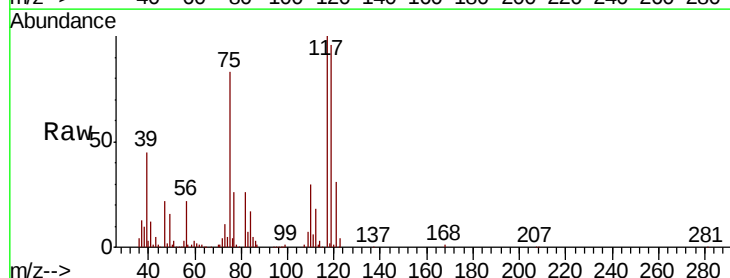
RT: 8.07 min Scan# 1012

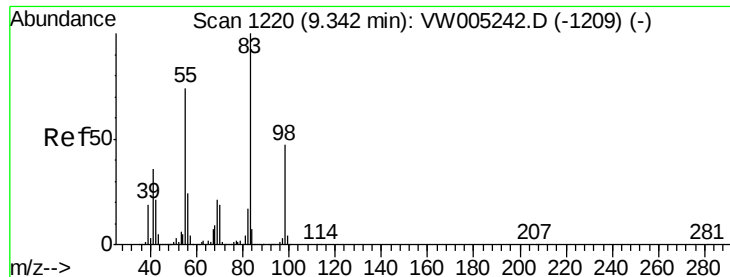
Delta R.T. -0.00 min

Lab File: VW005320.D

Acq: 12 Sep 2018 12:58

Tgt Ion:	117	Resp:	126161
Ion Ratio	Lower	Upper	
117	100		
119	95.7	77.5	116.3
121	31.2	24.7	37.1





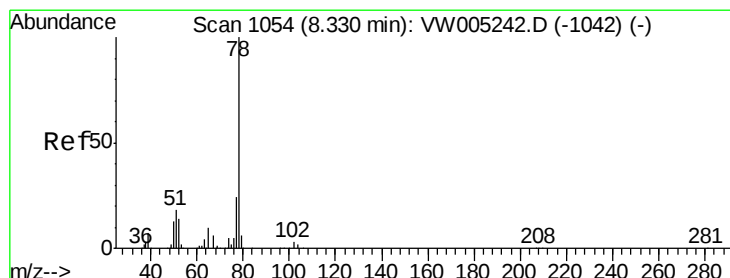
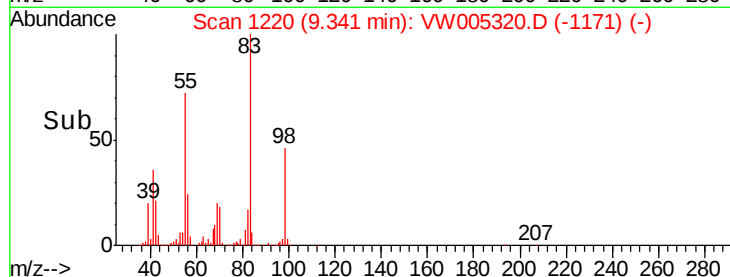
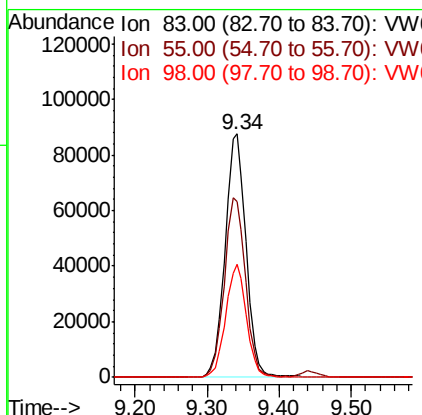
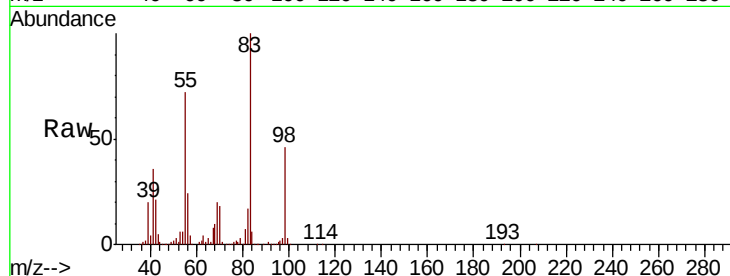
#39
Methvlcvclohexane
Concen: 21.30 ug/l
RT: 9.34 min Scan# 1220
Delta R.T. -0.00 min
Lab File: VW005320.D
Acq: 12 Sep 2018 12:58

Instrument :
MSVOA_W
ClientSampleId :
VW0912SBS01

Tot Ion	Ratio	Lower	Upper
83	100		
55	72.3	58.9	88.3
98	46.4	37.6	56.4

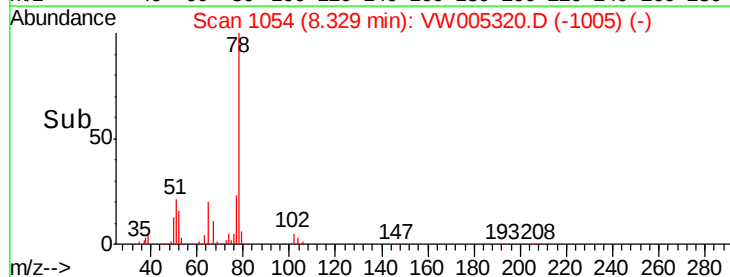
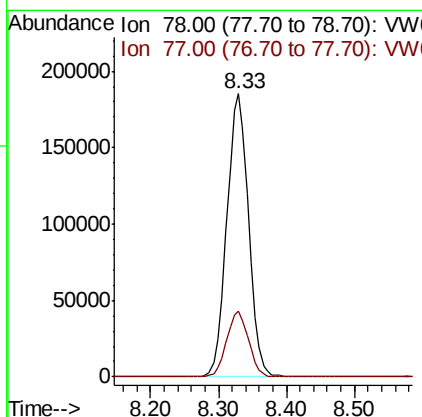
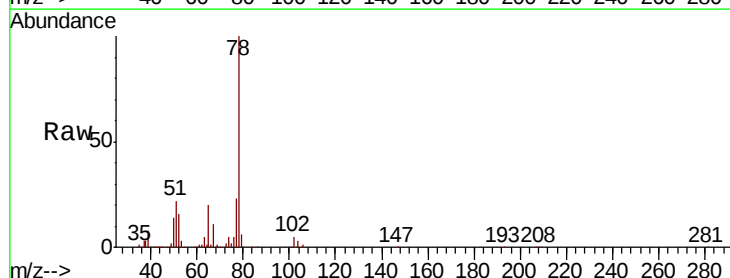
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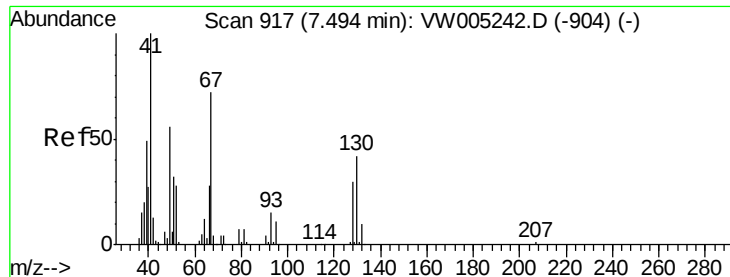
apatel
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#40
Benzene
Concen: 21.96 ug/l
RT: 8.33 min Scan# 1054
Delta R.T. -0.00 min
Lab File: VW005320.D
Acq: 12 Sep 2018 12:58

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.1	18.9	28.3





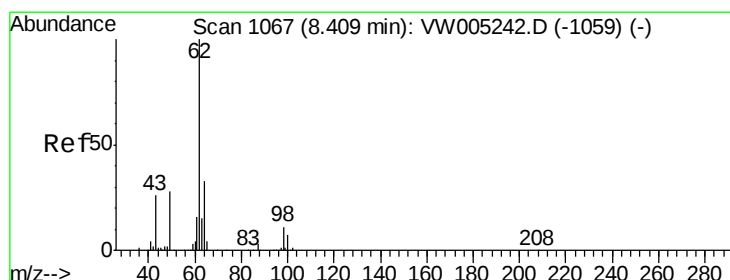
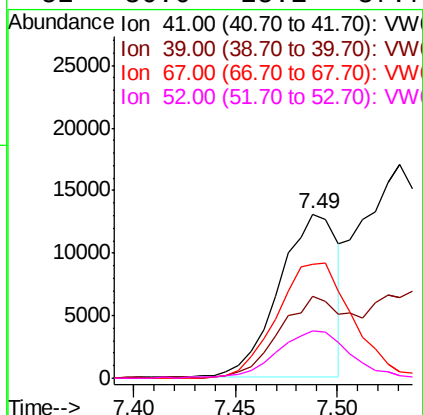
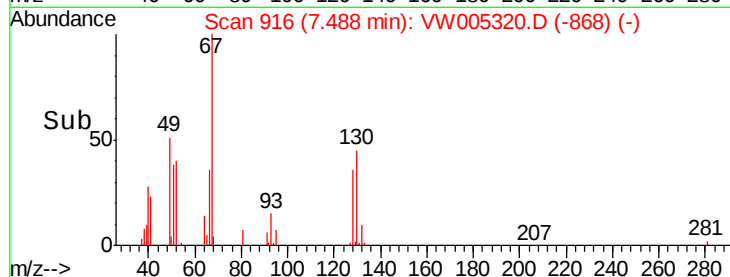
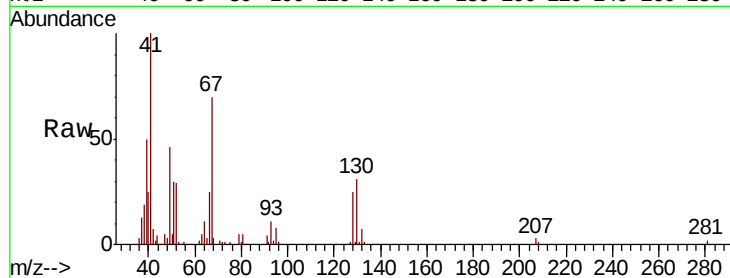
#41
Methacrylonitrile
Concen: 21.23 ug/l
RT: 7.49 min Scan# 916
Delta R.T. -0.01 min
Lab File: VW005320.D
Acq: 12 Sep 2018 12:58

Instrument :
MSVOA_W
ClientSampleId :
VW0912SBS01

Tot Ion	Ratio	Lower	Upper
41	100		
39	63.5	39.9	59.9#
67	91.4	65.7	98.5
52	36.6	25.1	37.7

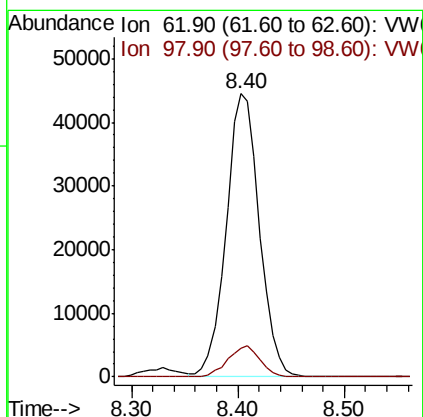
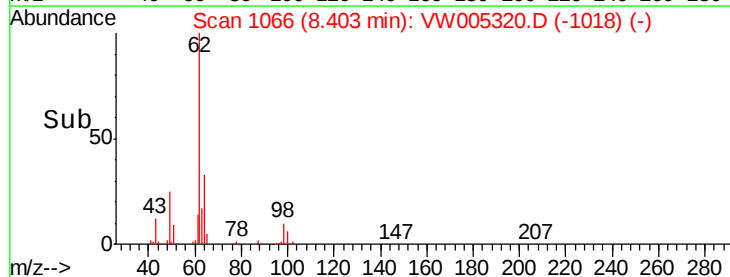
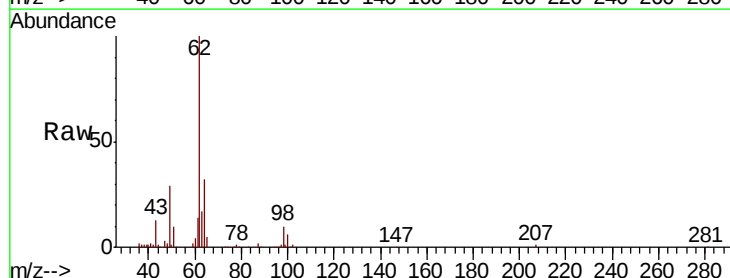
Manual Integrations
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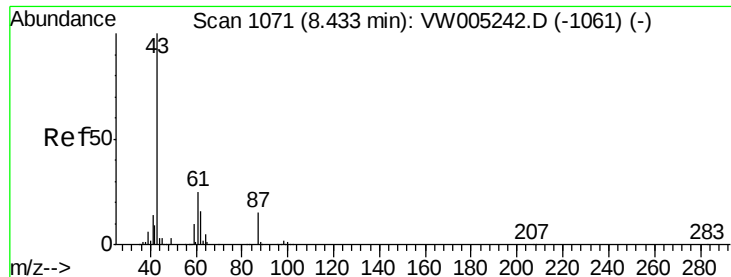
apatel
9/13/2018 11:11:23 AM



#42
1,2-Dichloroethane
Concen: 21.76 ug/l
RT: 8.40 min Scan# 1066
Delta R.T. -0.01 min
Lab File: VW005320.D
Acq: 12 Sep 2018 12:58

Tgt Ion	Ratio	Lower	Upper
62	100		
98	10.6	0.0	22.0





#43

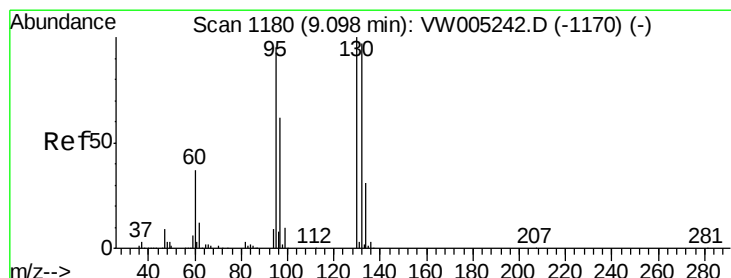
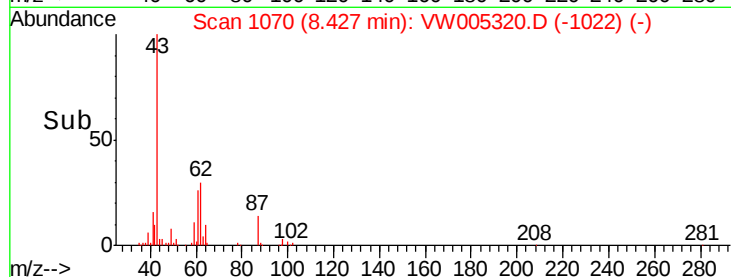
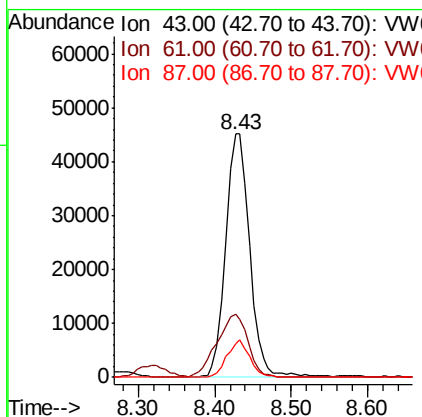
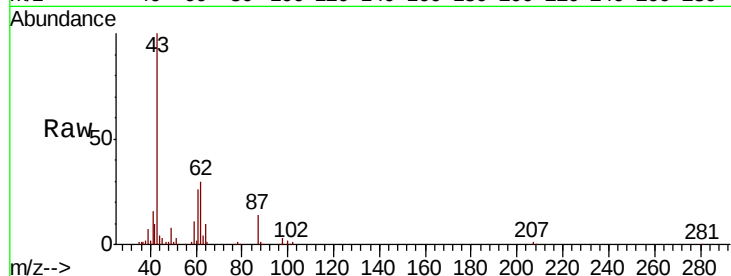
Isopropyl Acetate
 Concen: 21.76 ug/l
 RT: 8.43 min Scan# 1070
 Delta R.T. -0.01 min
 Lab File: VW005320.D
 Acq: 12 Sep 2018 12:58

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0912SBS01

Tot Ion	Ratio	Lower	Upper
43	100		
61	33.6	25.4	38.0
87	14.8	11.9	17.9

Manual Integrations
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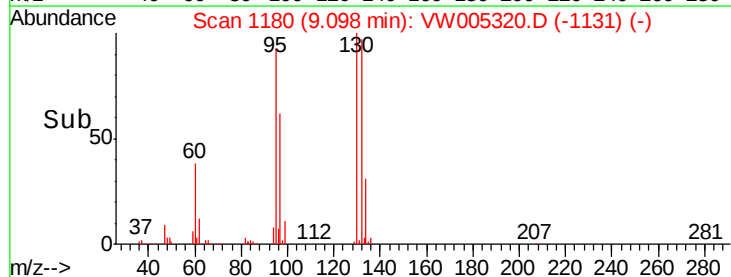
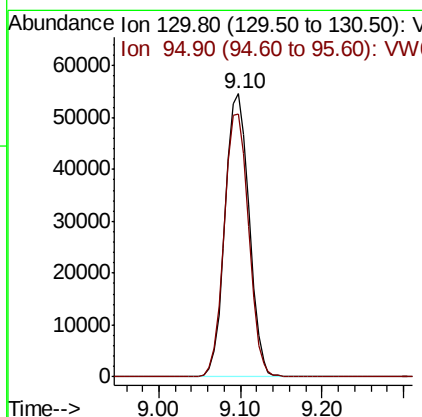
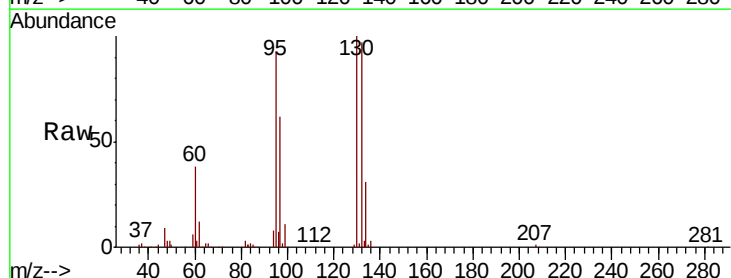
apatel
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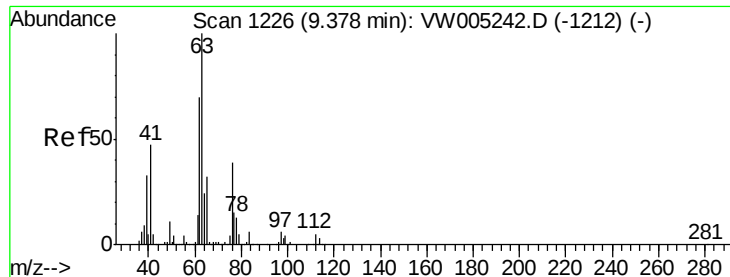


#44

Trichloroethene
 Concen: 21.77 ug/l
 RT: 9.10 min Scan# 1180
 Delta R.T. -0.00 min
 Lab File: VW005320.D
 Acq: 12 Sep 2018 12:58

Tgt Ion	Ratio	Lower	Upper
130	100		
95	92.8	0.0	189.6





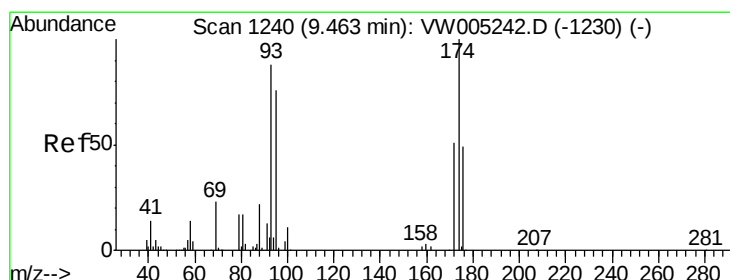
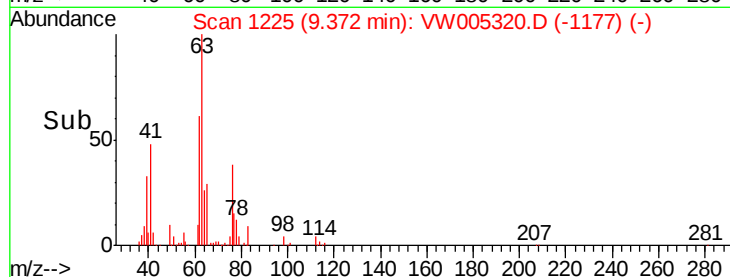
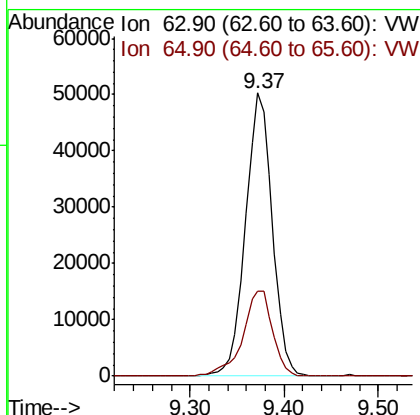
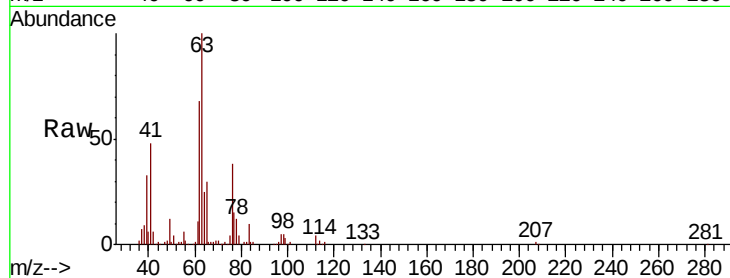
#45
 1,2-Dichloropropane
 Concen: 22.43 ug/l
 RT: 9.37 min Scan# 1225
 Delta R.T. -0.01 min
 Lab File: VW005320.D
 Acq: 12 Sep 2018 12:58

Instrument :
 MSVOA_W
 ClientSampled :
 VW0912SBS01

Tot Ion	Ratio	Resp	Lower	Upper
63	100	100298		
65	29.9		25.4	38.2

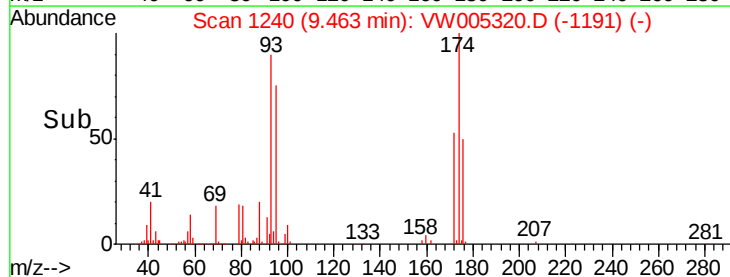
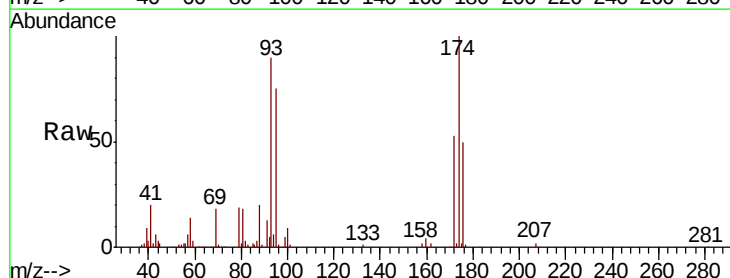
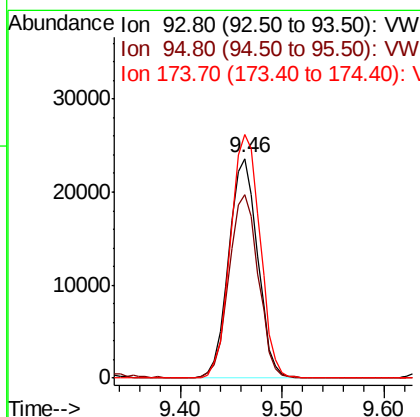
Manual Integrations
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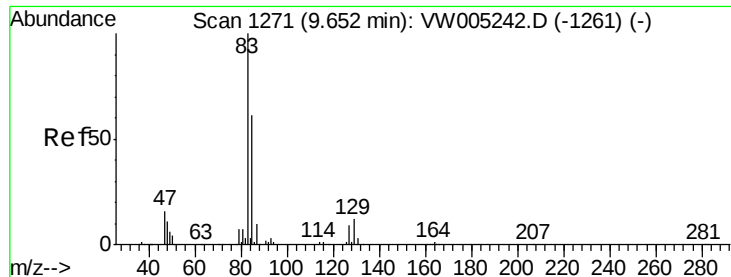
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#46
 Dibromomethane
 Concen: 21.09 ug/l
 RT: 9.46 min Scan# 1240
 Delta R.T. -0.00 min
 Lab File: VW005320.D
 Acq: 12 Sep 2018 12:58

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	46165		
95	84.6		67.0	100.4
174	113.2		92.2	138.2





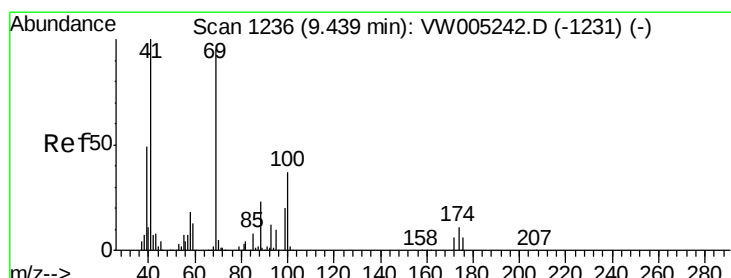
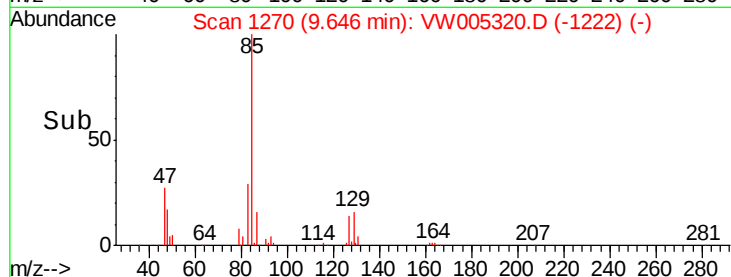
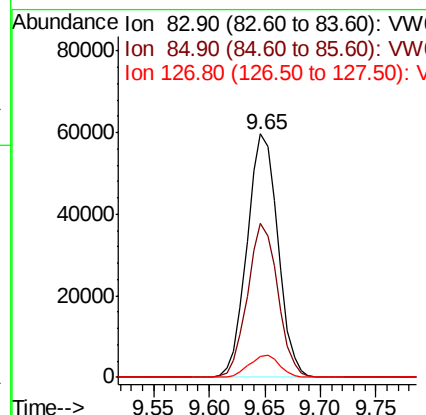
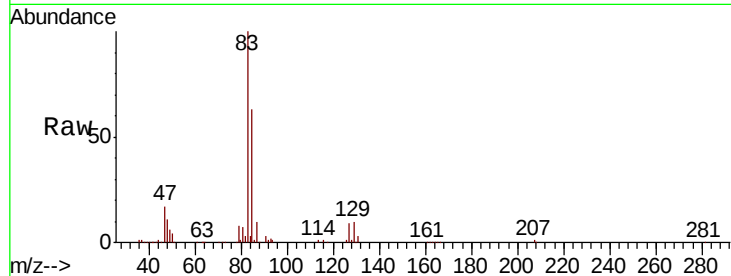
#47
Bromodichloromethane
Concen: 21.53 ug/l
RT: 9.65 min Scan# 1270
Delta R.T. -0.01 min
Lab File: VW005320.D
Acq: 12 Sep 2018 12:58

Instrument :
MSVOA_W
ClientSampleId :
VW0912SBS01

Tot Ion	Ratio	Resp	Lower	Upper
83	100			
85	63.3	49.0	73.6	
127	8.7	7.0	10.4	

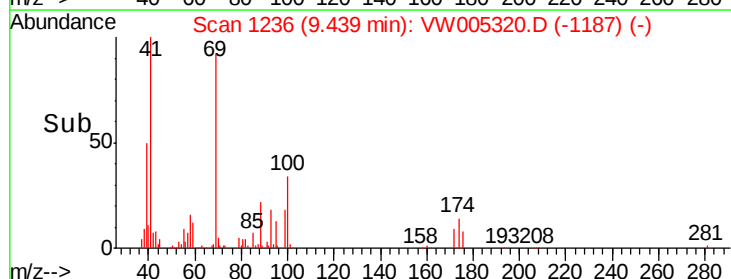
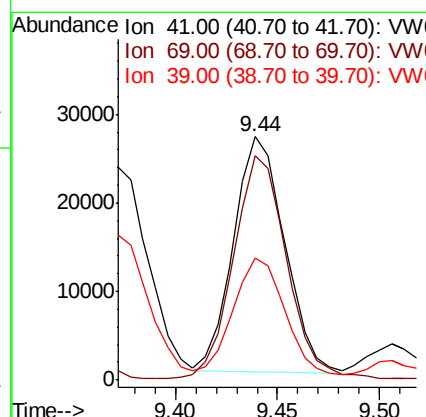
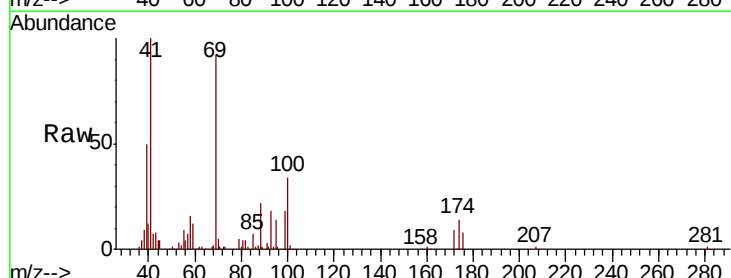
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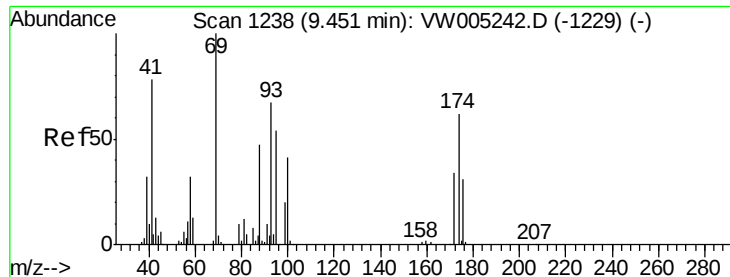
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#48
Methyl methacrylate
Concen: 19.95 ug/l
RT: 9.44 min Scan# 1236
Delta R.T. -0.00 min
Lab File: VW005320.D
Acq: 12 Sep 2018 12:58

Tgt Ion	Ratio	Resp	Lower	Upper
41	100			
69	101.5	74.6	112.0	
39	49.2	36.7	55.1	





#49

1,4-Dioxane

Concen: 443.23 ug/l

RT: 9.45 min Scan# 1238

Delta R.T. -0.00 min

Lab File: VW005320.D

Acq: 12 Sep 2018 12:58

Instrument :

MSVOA_W

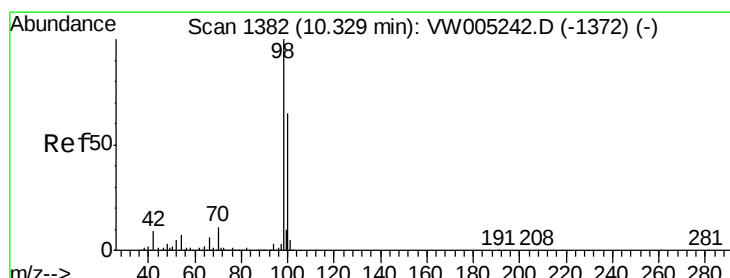
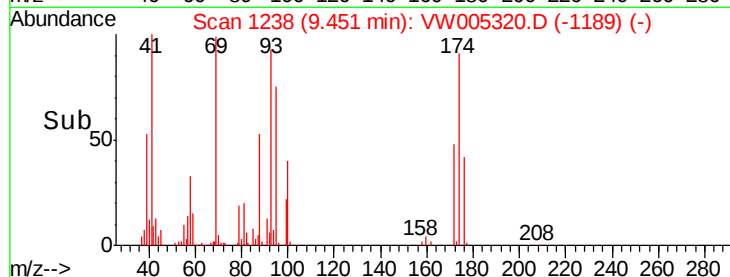
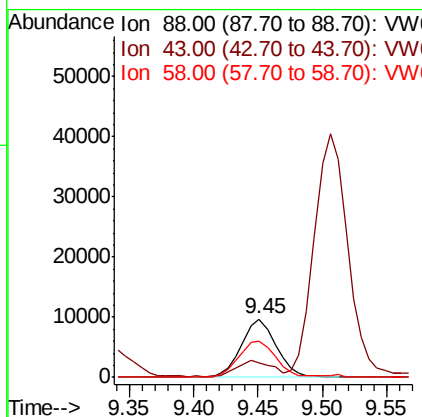
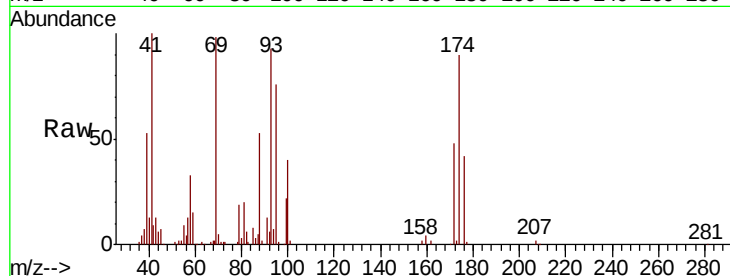
ClientSampleId :

VW0912SBS01

Tot Ion:	88	Resp:	18112
Ion	Ratio	Lower	Upper
88	100		
43	27.4	22.7	34.1
58	67.0	56.6	85.0

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#50

Toluene-d8

Concen: 53.36 ug/l

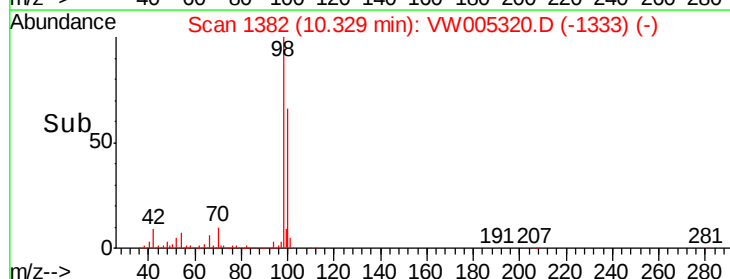
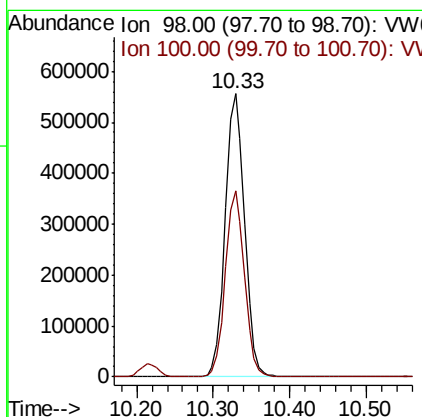
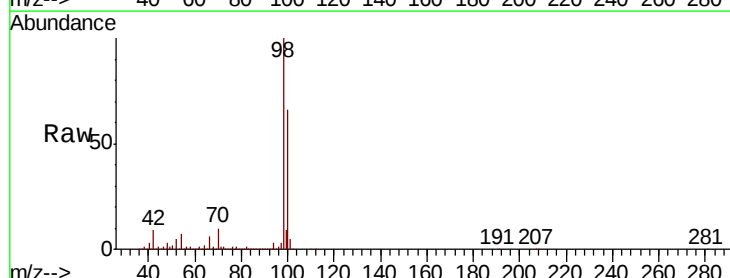
RT: 10.33 min Scan# 1382

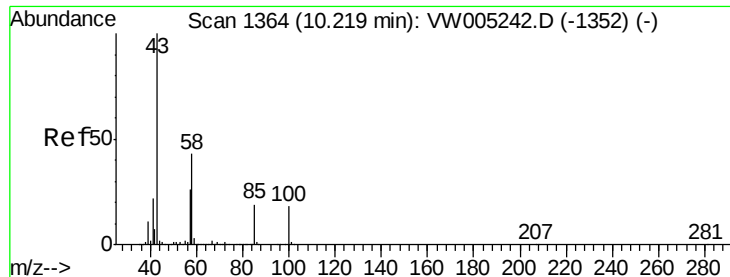
Delta R.T. -0.00 min

Lab File: VW005320.D

Acq: 12 Sep 2018 12:58

Tgt Ion:	98	Resp:	973466
Ion	Ratio	Lower	Upper
98	100		
100	65.2	52.0	78.0





#51

4-Methyl-2-Pentanone

Concen: 105.77 ug/l

RT: 10.21 min Scan# 1363

Delta R.T. -0.01 min

Lab File: VW005320.D

Acq: 12 Sep 2018 12:58

Instrument :

MSVOA_W

ClientSampled :

VW0912SBS01

Tot Ion: 43 Resp: 265468

Ion Ratio Lower Upper

43 100

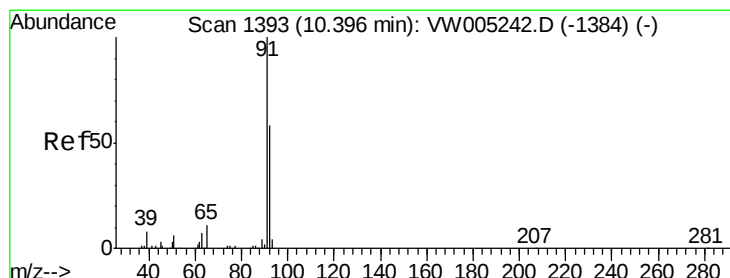
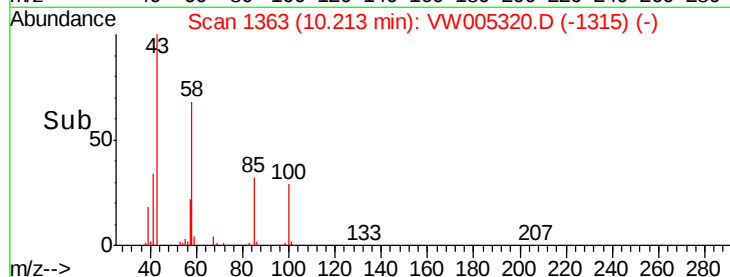
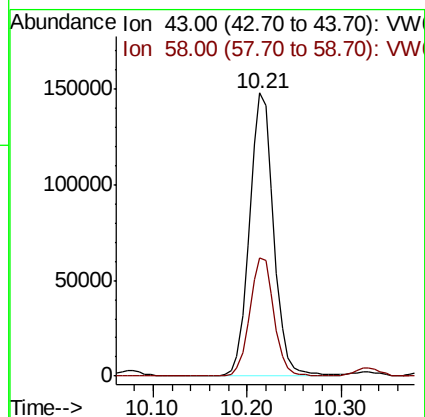
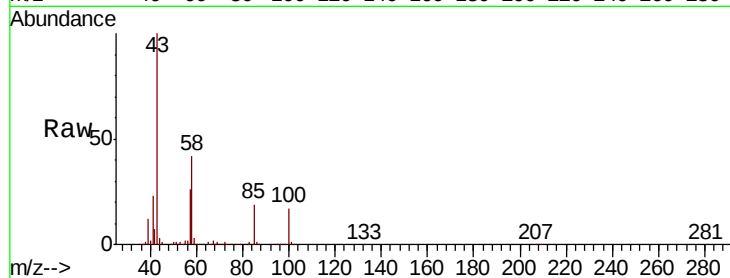
58 41.9 33.8 50.6

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#52

Toluene

Concen: 21.47 ug/l

RT: 10.39 min Scan# 1392

Delta R.T. -0.01 min

Lab File: VW005320.D

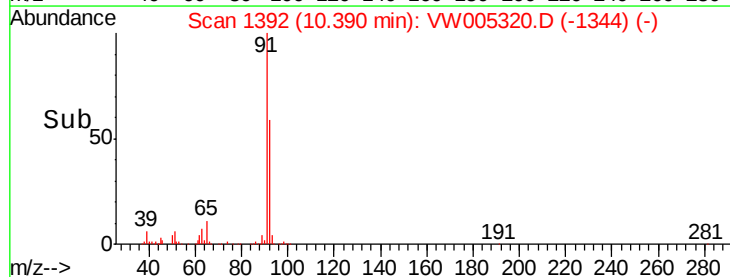
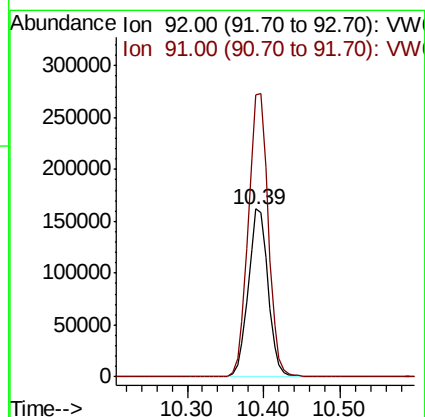
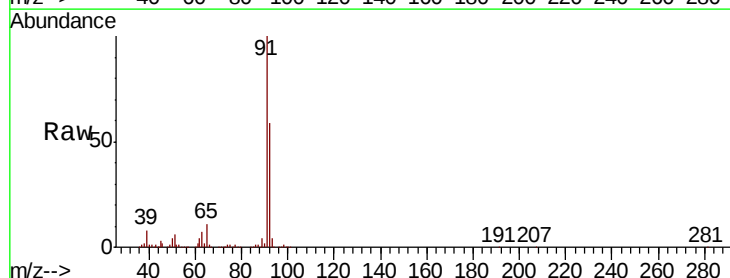
Acq: 12 Sep 2018 12:58

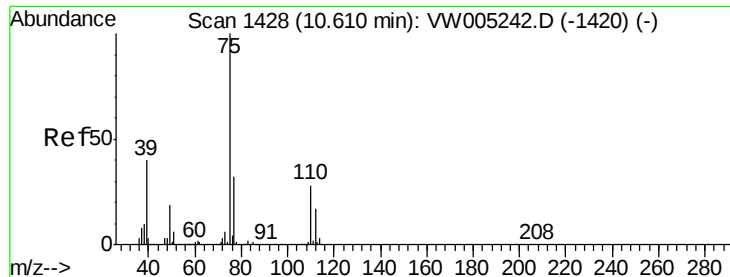
Tgt Ion: 92 Resp: 290235

Ion Ratio Lower Upper

92 100

91 170.8 137.4 206.0





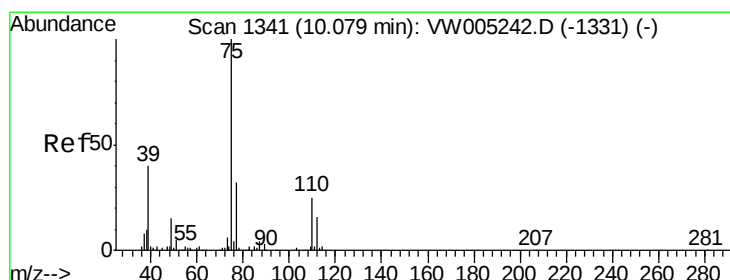
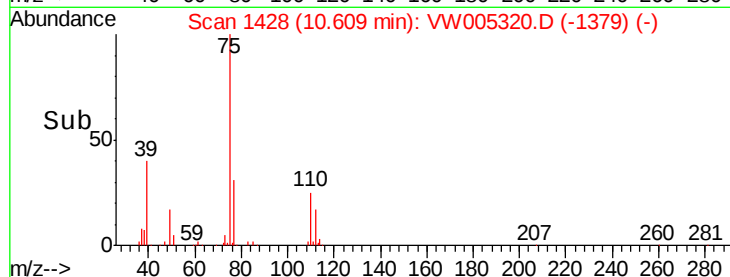
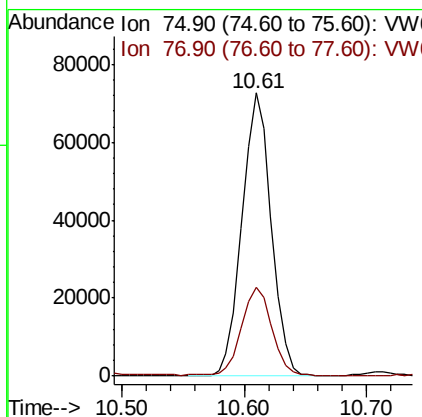
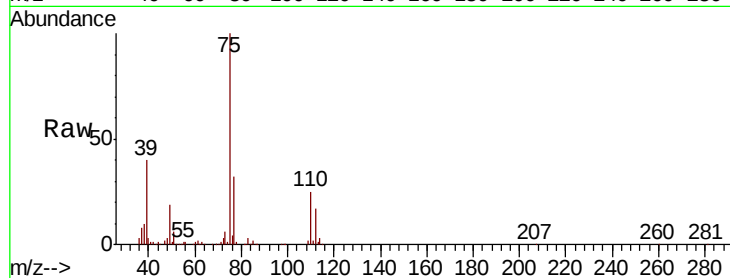
#53
 t-1,3-Dichloropropene
 Concen: 20.87 ug/l
 RT: 10.61 min Scan# 1428
 Delta R.T. -0.00 min
 Lab File: VW005320.D
 Acq: 12 Sep 2018 12:58

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0912SBS01

Tot Ion	Ratio	Lower	Upper
75	100		
77	31.2	25.8	38.8

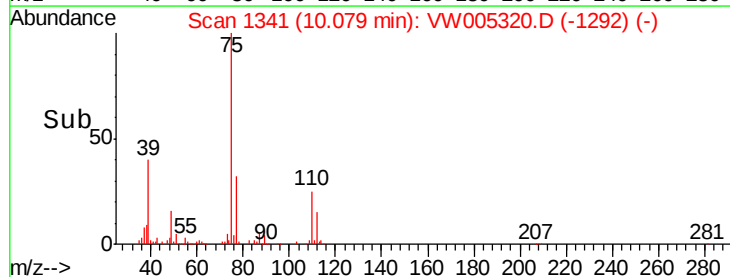
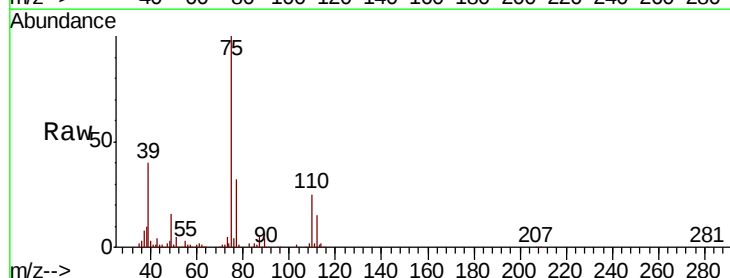
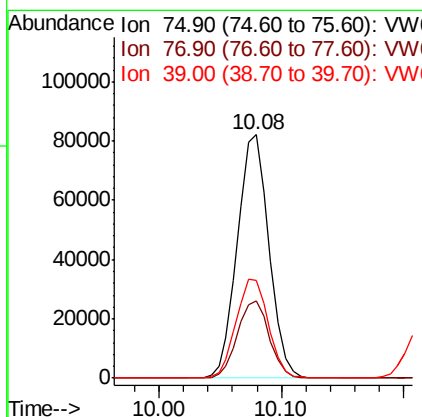
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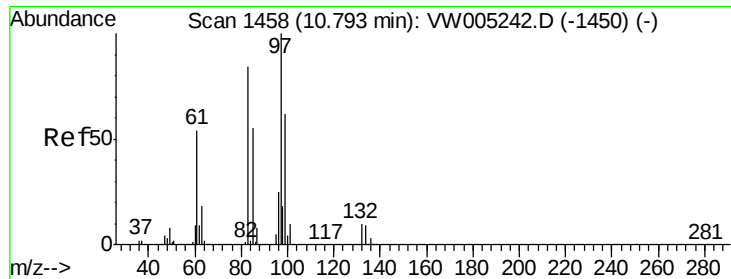
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#54
 cis-1,3-Dichloropropene
 Concen: 21.30 ug/l
 RT: 10.08 min Scan# 1341
 Delta R.T. -0.00 min
 Lab File: VW005320.D
 Acq: 12 Sep 2018 12:58

Tgt Ion	Ratio	Lower	Upper
75	100		
77	31.8	25.5	38.3
39	40.0	31.8	47.6





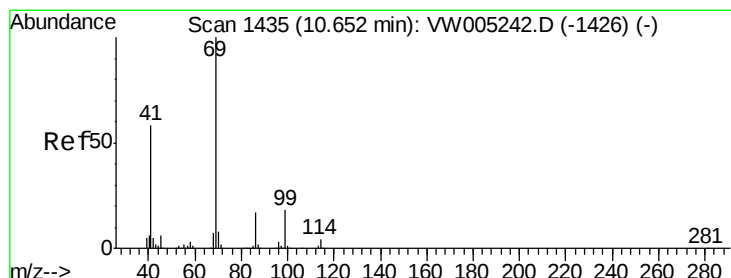
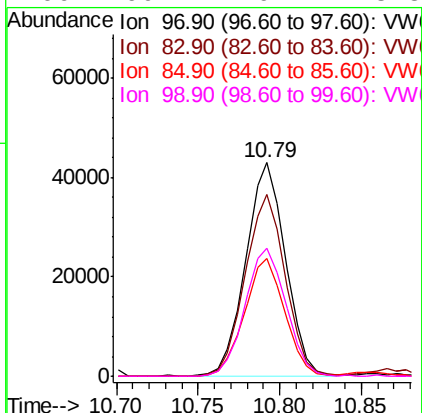
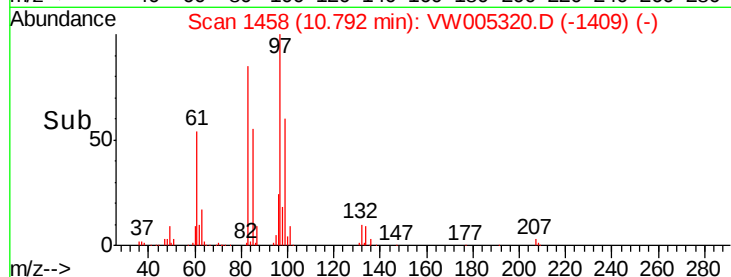
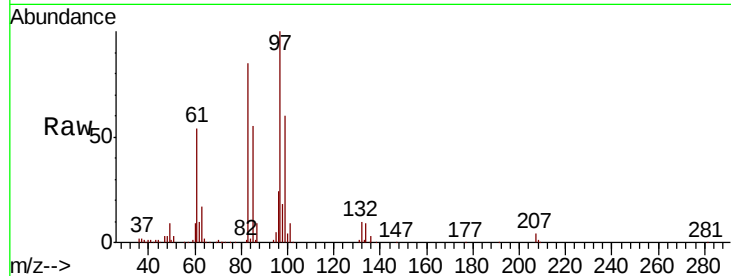
#55
 1,1,2-Trichloroethane
 Concen: 21.03 ug/l
 RT: 10.79 min Scan# 1458
 Delta R.T. -0.00 min
 Lab File: VW005320.D
 Acq: 12 Sep 2018 12:58

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0912SBS01

Tot Ion:	97	Resp:	73394
Ion	Ratio	Lower	Upper
97	100		
83	85.3	67.2	100.8
85	55.0	44.4	66.6
99	60.2	49.2	73.8

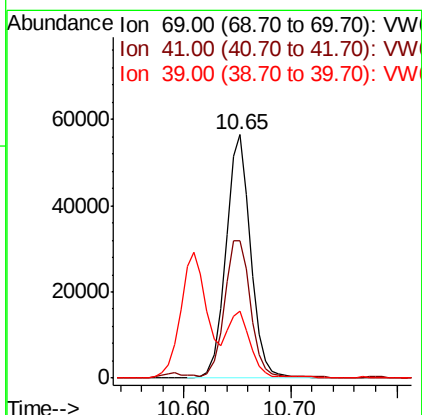
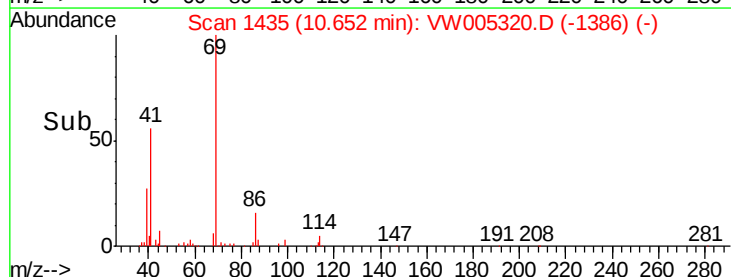
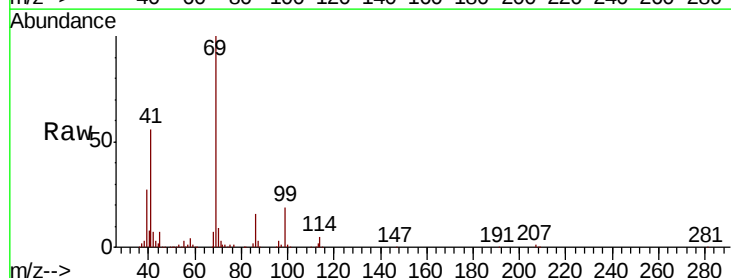
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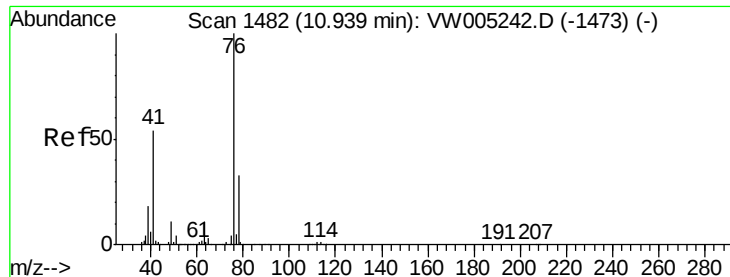
apatel
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#56
 Ethyl methacrylate
 Concen: 20.67 ug/l
 RT: 10.65 min Scan# 1435
 Delta R.T. -0.00 min
 Lab File: VW005320.D
 Acq: 12 Sep 2018 12:58

Tgt Ion:	69	Resp:	91452
Ion	Ratio	Lower	Upper
69	100		
41	59.9	48.7	73.1
39	24.7	20.9	31.3





#57

1,3-Dichloropropane

Concen: 21.18 ug/l

RT: 10.94 min Scan# 1482

Delta R.T. -0.00 min

Lab File: VW005320.D

Acq: 12 Sep 2018 12:58

Instrument :

MSVOA_W

ClientSampled :

VW0912SBS01

Tot Ion: 76 Resp: 122721

Ion Ratio Lower Upper

76 100

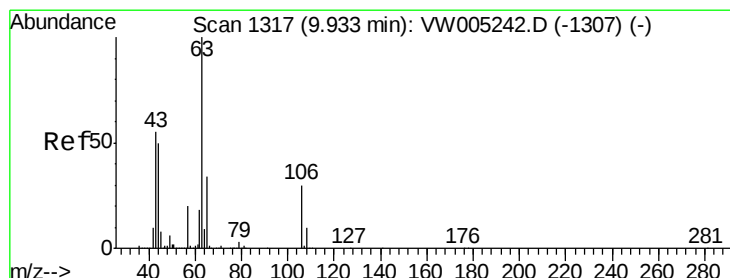
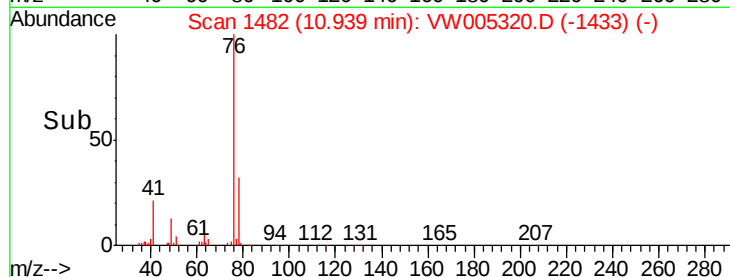
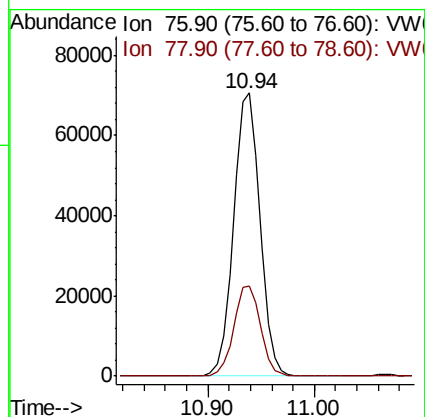
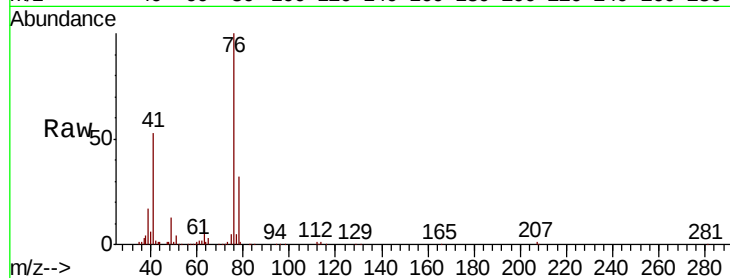
78 32.3 26.0 39.0

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#58

2-Chloroethyl Vinyl ether

Concen: 109.60 ug/l

RT: 9.93 min Scan# 1316

Delta R.T. -0.01 min

Lab File: VW005320.D

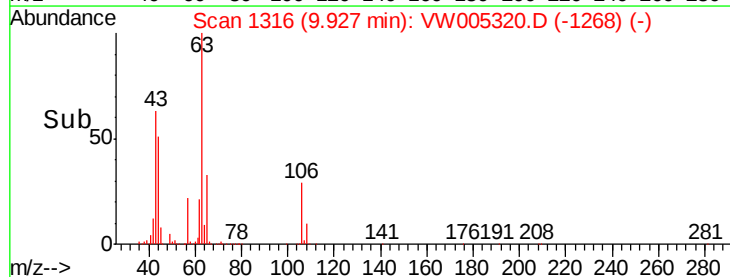
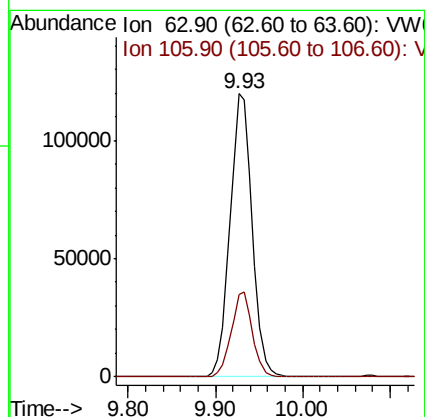
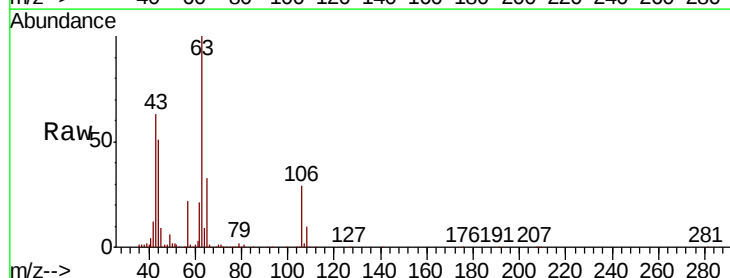
Acq: 12 Sep 2018 12:58

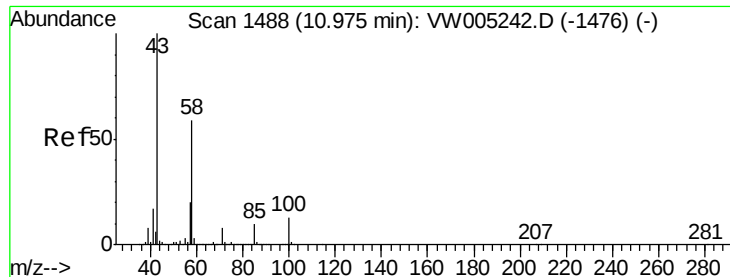
Tgt Ion: 63 Resp: 210754

Ion Ratio Lower Upper

63 100

106 28.7 23.4 35.0





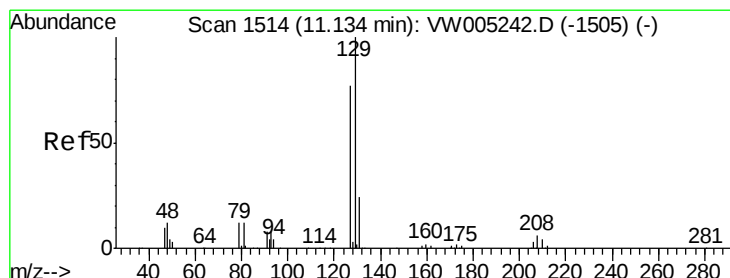
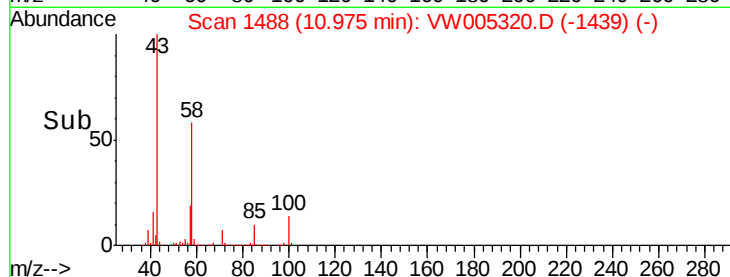
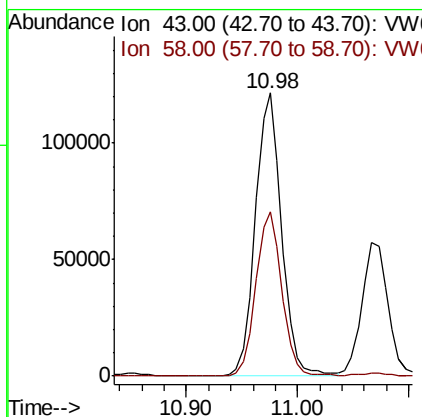
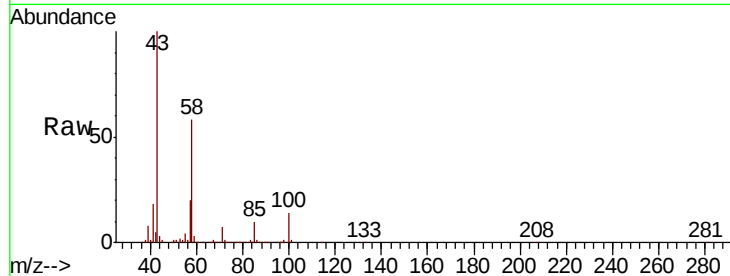
#59
2-Hexanone
Concen: 110.29 ug/l
RT: 10.98 min Scan# 1488
Delta R.T. -0.00 min
Lab File: VW005320.D
Acq: 12 Sep 2018 12:58

Instrument :
MSVOA_W
ClientSampled :
VW0912SBS01

Tot Ion	Ratio	Lower	Upper
43	100		
58	57.6	29.3	87.9

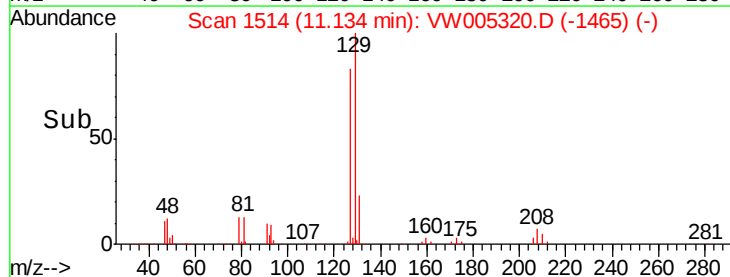
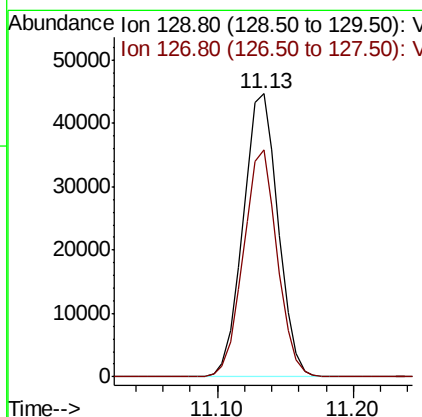
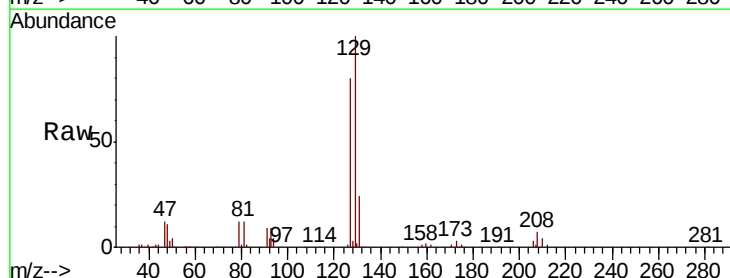
Manual Integrations
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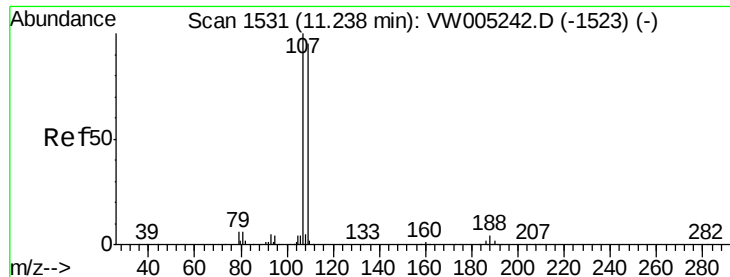
apatel
9/13/2018 11:11:23 AM



#60
Dibromochloromethane
Concen: 20.77 ug/l
RT: 11.13 min Scan# 1514
Delta R.T. -0.00 min
Lab File: VW005320.D
Acq: 12 Sep 2018 12:58

Tgt Ion	Ratio	Lower	Upper
129	100		
127	77.5	39.0	117.0





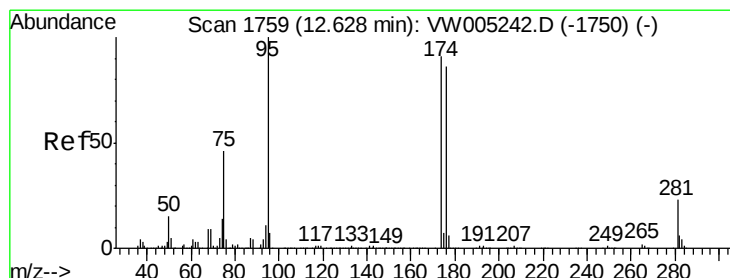
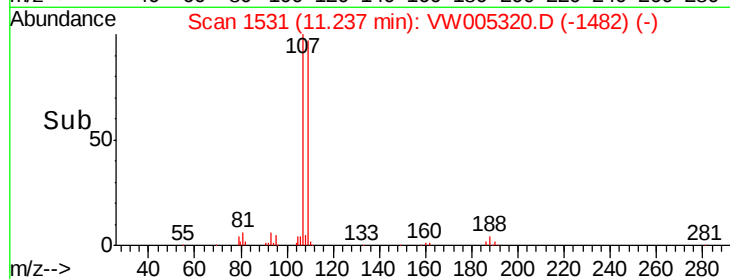
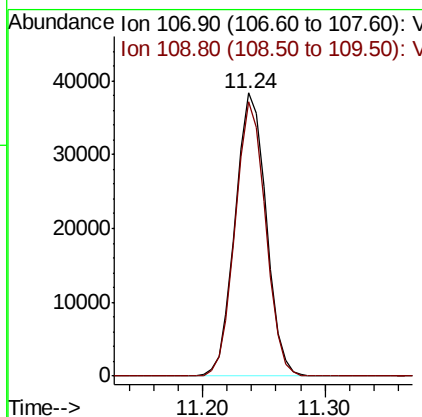
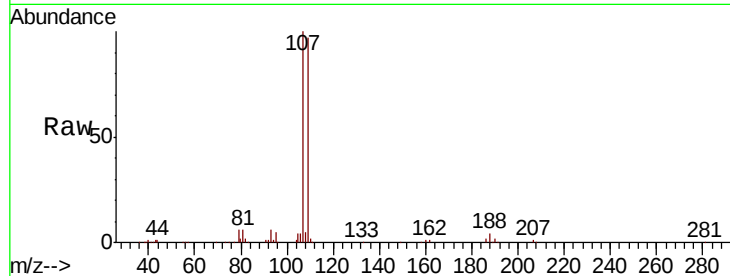
#61
 1,2-Dibromoethane
 Concen: 21.05 ug/l
 RT: 11.24 min Scan# 1531
 Delta R.T. -0.00 min
 Lab File: VW005320.D
 Acq: 12 Sep 2018 12:58

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0912SBS01

Tot Ion	Ratio	Lower	Upper
107	100		
109	94.8	75.7	113.5

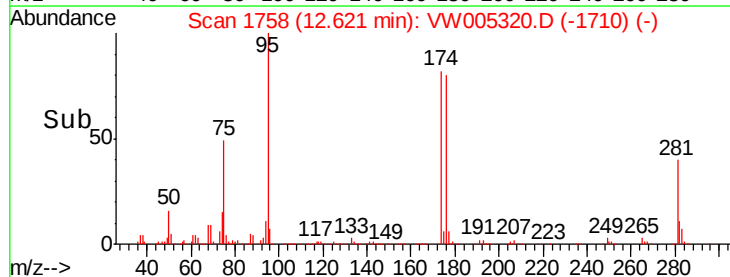
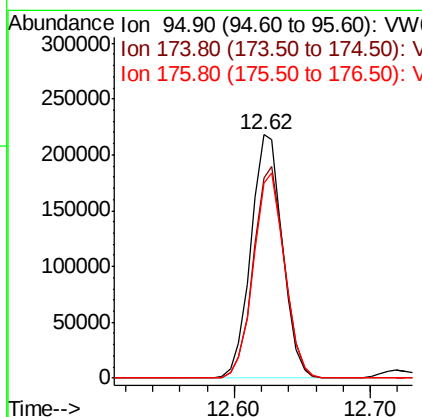
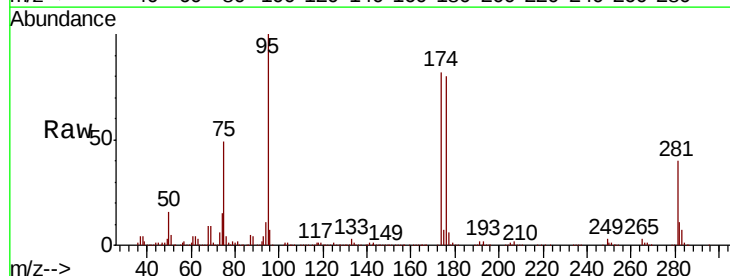
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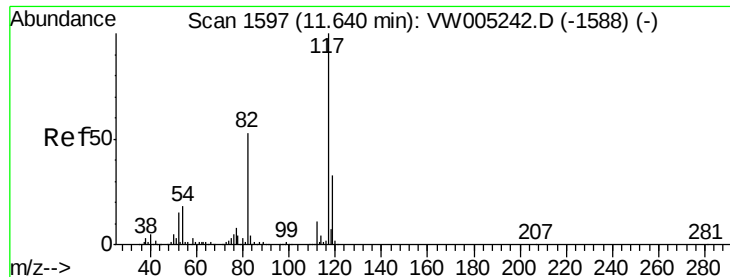
apatel
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#62
 4-Bromofluorobenzene
 Concen: 53.29 ug/l
 RT: 12.62 min Scan# 1758
 Delta R.T. -0.01 min
 Lab File: VW005320.D
 Acq: 12 Sep 2018 12:58

Tgt Ion	Ratio	Lower	Upper
95	100		
174	85.2	0.0	174.6
176	83.1	0.0	167.6





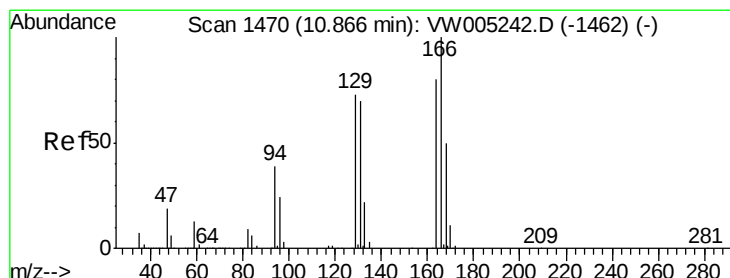
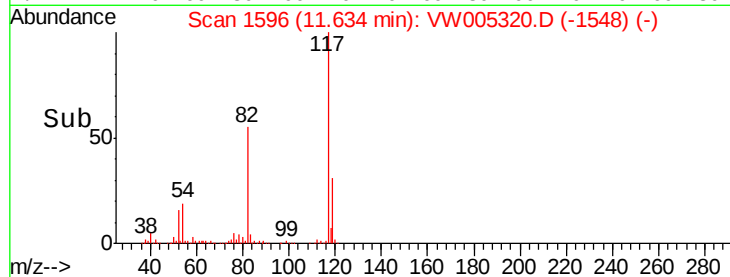
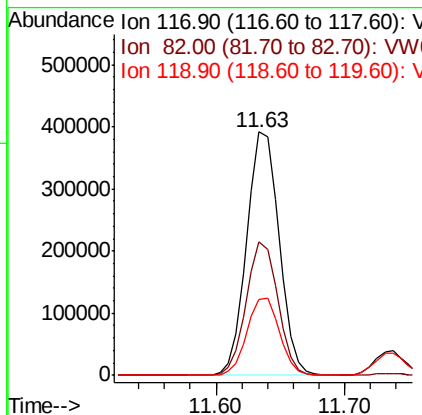
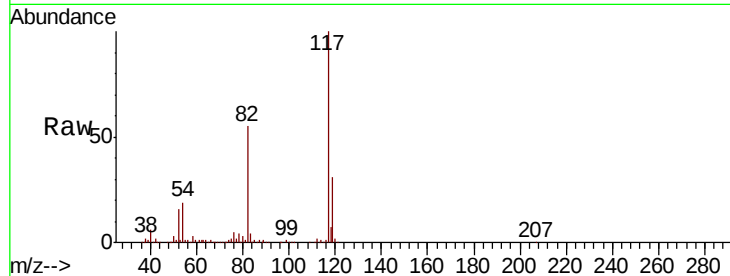
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.01 min
Lab File: VW005320.D
Acq: 12 Sep 2018 12:58

Instrument :
MSVOA_W
ClientSampled :
VW0912SBS01

Tot Ion	Ratio	Resp	Lower	Upper
117	100	680536		
82	54.7		42.6	63.8
119	31.3		26.2	39.4

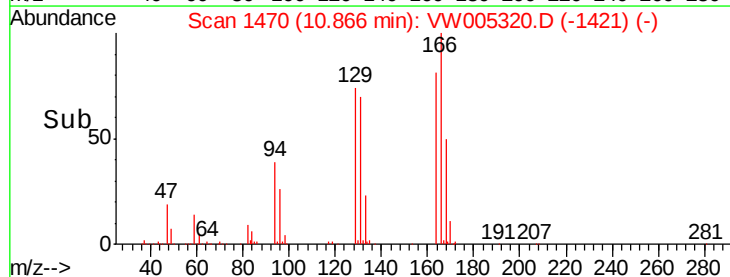
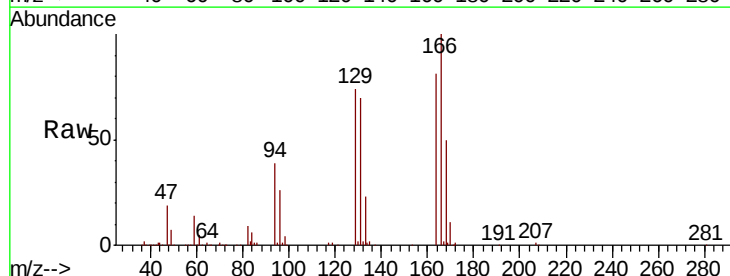
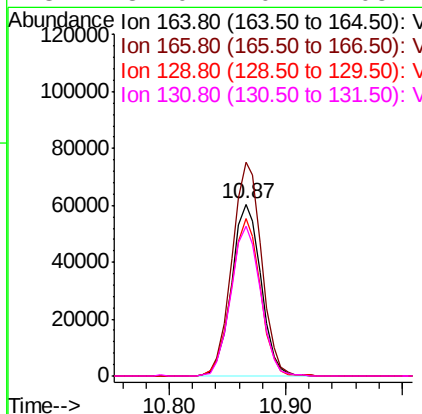
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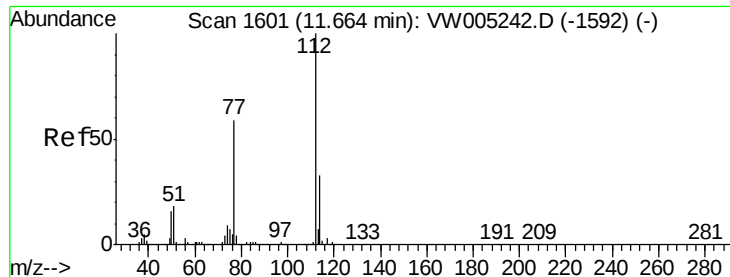
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#64
Tetrachloroethene
Concen: 20.97 ug/l
RT: 10.87 min Scan# 1470
Delta R.T. -0.00 min
Lab File: VW005320.D
Acq: 12 Sep 2018 12:58

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	105897		
166	124.1		100.2	150.2
129	91.4		73.2	109.8
131	87.0		70.2	105.4





#65

Chlorobenzene

Concen: 21.38 ug/l

RT: 11.66 min Scan# 1601

Delta R.T. -0.00 min

Lab File: VW005320.D

Acq: 12 Sep 2018 12:58

Instrument :

MSVOA_W

ClientSampleId :

VW0912SBS01

Tot Ion:112 Resp: 318767

Ion Ratio Lower Upper

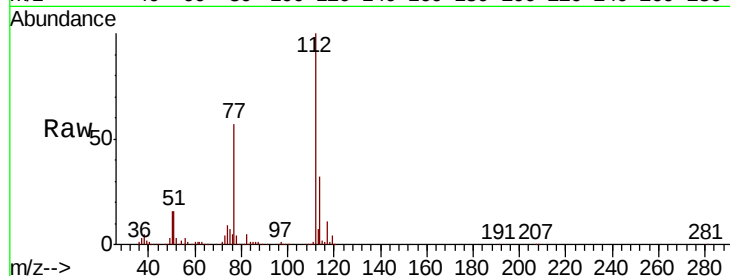
112 100

114 32.3 26.2 39.4

Manual Integrations
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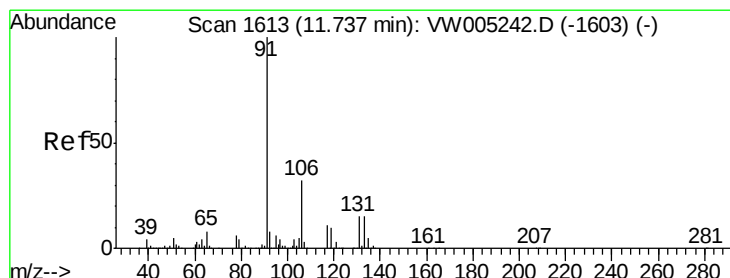
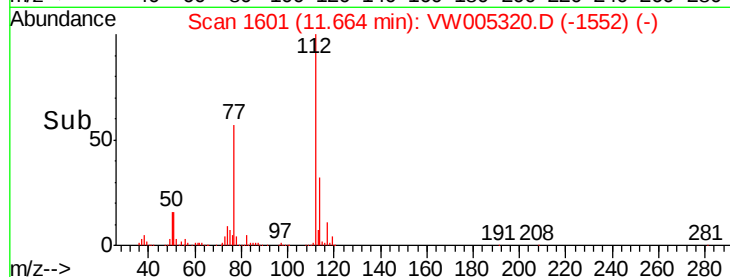
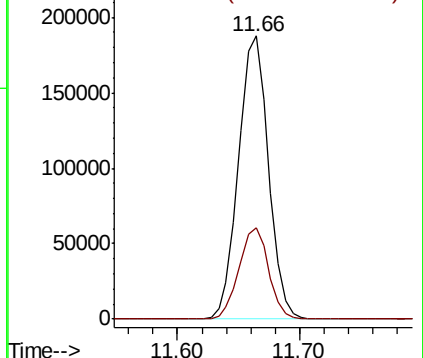
apatel

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Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 20.82 ug/l

RT: 11.74 min Scan# 1613

Delta R.T. -0.00 min

Lab File: VW005320.D

Acq: 12 Sep 2018 12:58

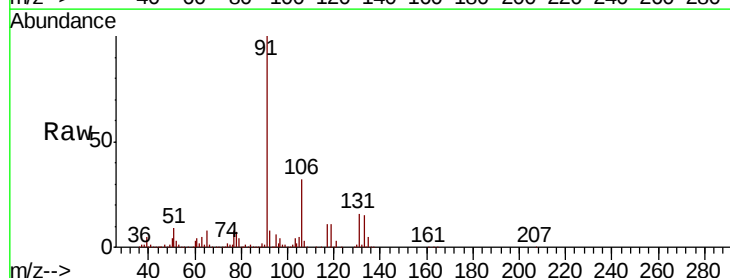
Tgt Ion:131 Resp: 92665

Ion Ratio Lower Upper

131 100

133 97.1 48.1 144.3

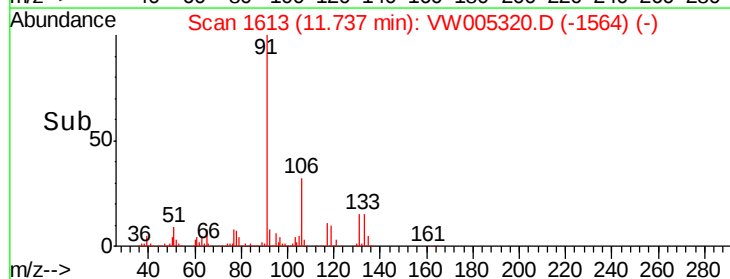
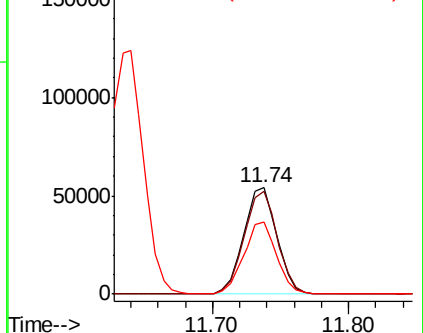
119 66.6 33.4 100.1

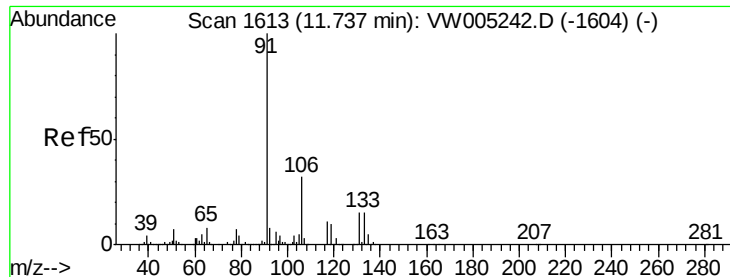


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V





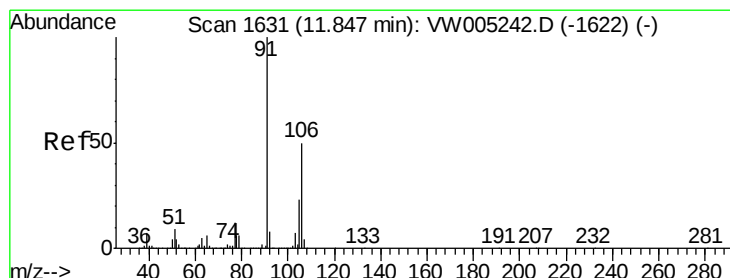
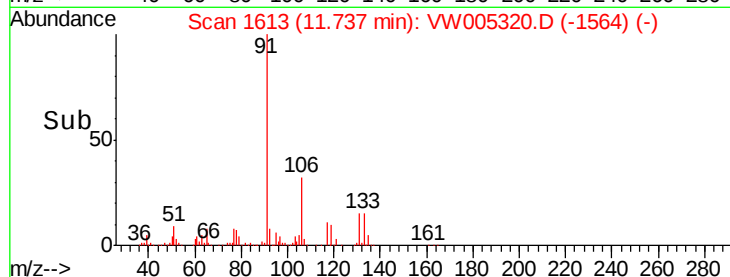
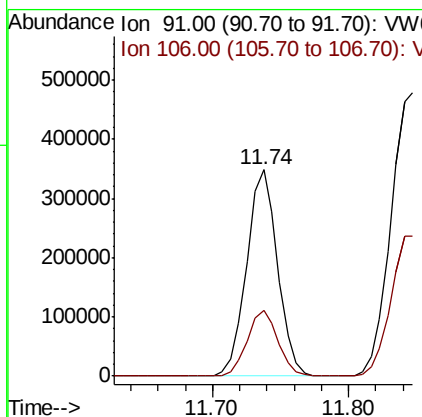
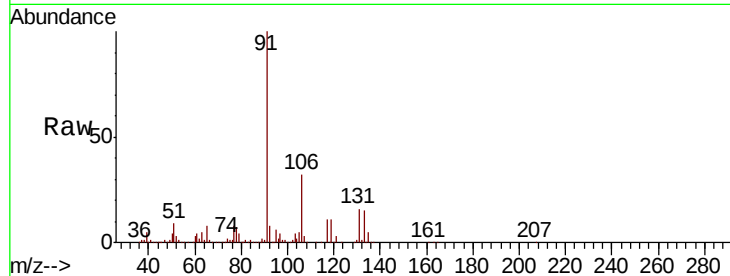
#67
Ethyl Benzene
Concen: 21.32 ug/l
RT: 11.74 min Scan# 1613
Delta R.T. -0.00 min
Lab File: VW005320.D
Acq: 12 Sep 2018 12:58

Instrument :
MSVOA_W
ClientSampleId :
VW0912SBS01

Tot Ion	Ratio	Lower	Upper
91	100		
106	31.9	25.6	38.4

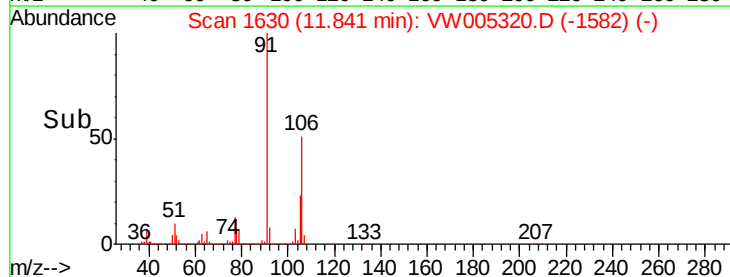
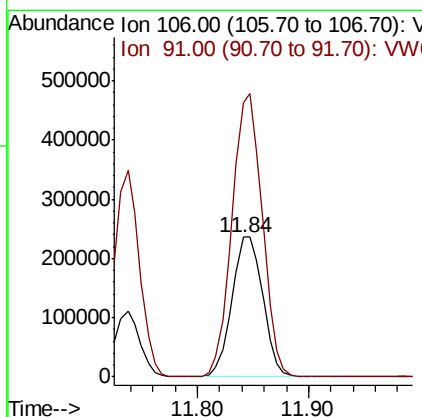
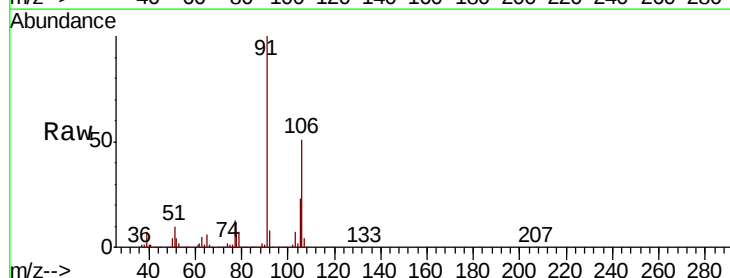
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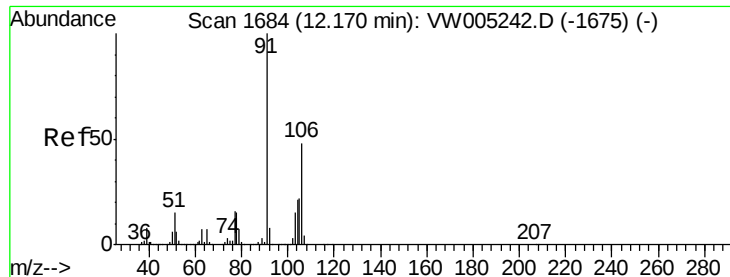
apatel
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#68
m/p-Xylenes
Concen: 43.12 ug/l
RT: 11.84 min Scan# 1630
Delta R.T. -0.01 min
Lab File: VW005320.D
Acq: 12 Sep 2018 12:58

Tgt Ion	Ratio	Lower	Upper
106	100		
91	199.3	160.2	240.2





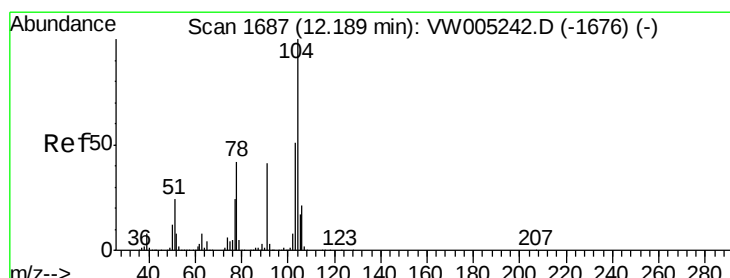
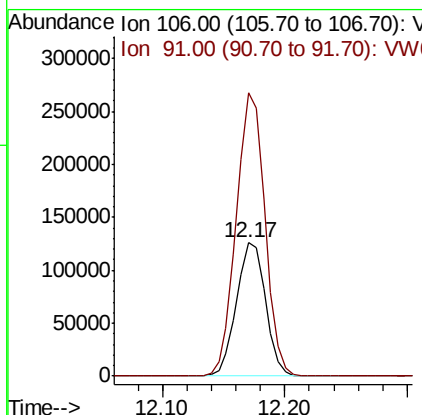
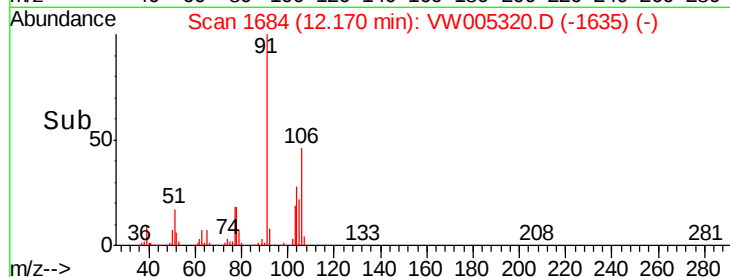
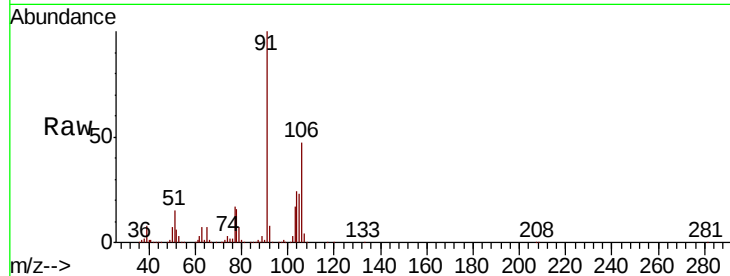
#69
o-Xylene
Concen: 21.30 ug/l
RT: 12.17 min Scan# 1684
Delta R.T. -0.00 min
Lab File: VW005320.D
Acq: 12 Sep 2018 12:58

Instrument :
MSVOA_W
ClientSampleId :
VW0912SBS01

Tot Ion	Ion	Ratio	Lower	Upper
106	106	100		
91	209.9	104.1	312.3	

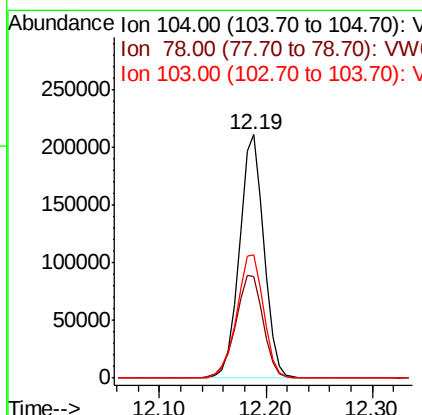
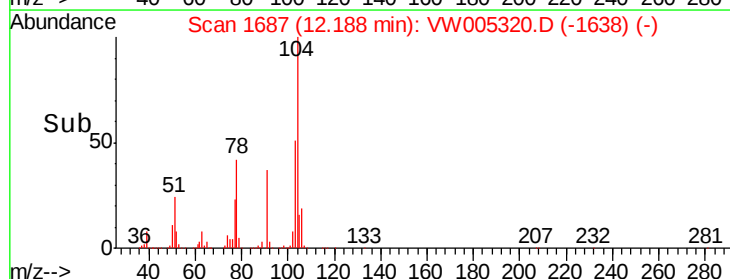
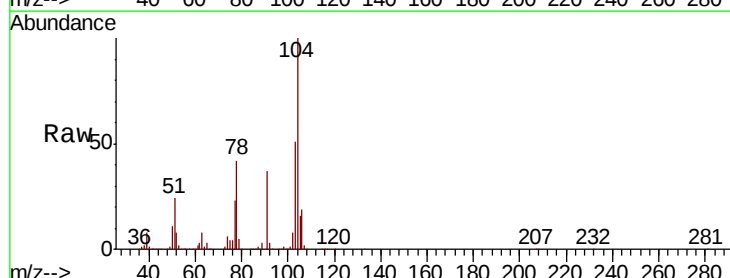
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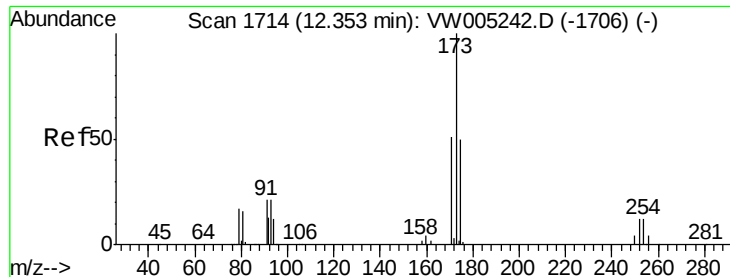
apatel
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#70
Styrene
Concen: 21.45 ug/l
RT: 12.19 min Scan# 1687
Delta R.T. -0.00 min
Lab File: VW005320.D
Acq: 12 Sep 2018 12:58

Tgt Ion	Ion	Ratio	Lower	Upper
104	104	100		
78	47.5	37.4	56.2	
103	55.9	44.1	66.1	





#71

Bromoform

Concen: 20.46 ug/l

RT: 12.35 min Scan# 1714

Delta R.T. -0.00 min

Lab File: VW005320.D

Acq: 12 Sep 2018 12:58

Instrument :

MSVOA_W

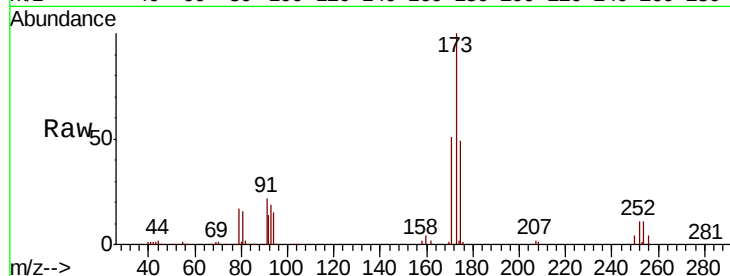
ClientSampleId :

VW0912SBS01

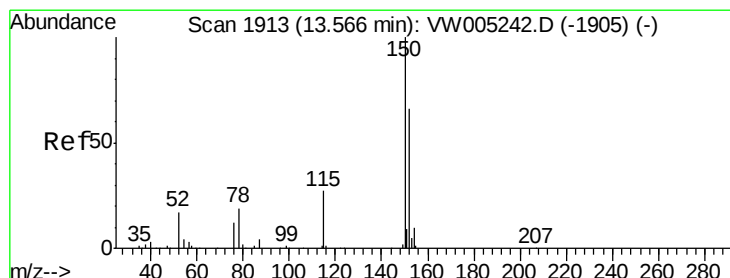
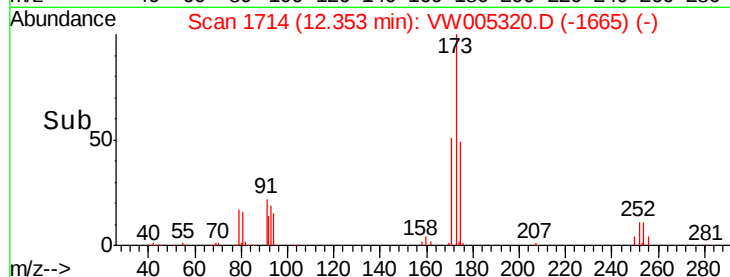
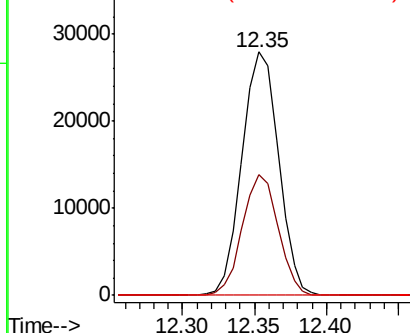
Tot Ion:	173	Resp:	49369
Ion Ratio	Lower	Upper	
173	100		
175	48.6	24.9	74.6
254	0.0	0.1	0.1#

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



#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

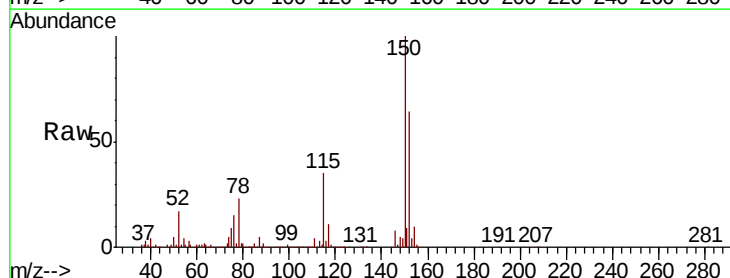
RT: 13.57 min Scan# 1913

Delta R.T. -0.00 min

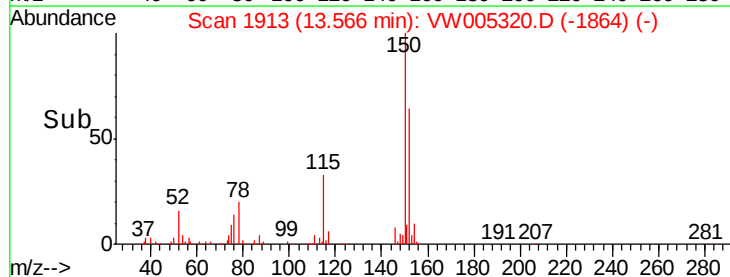
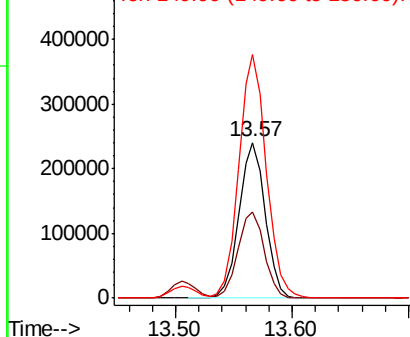
Lab File: VW005320.D

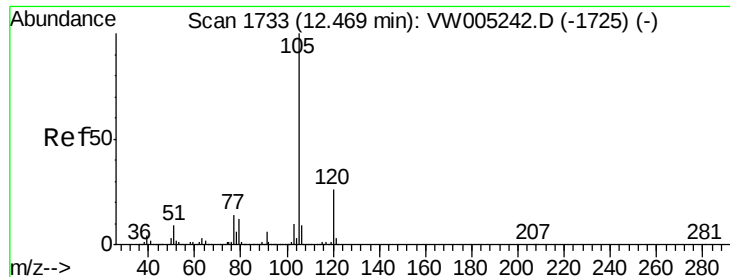
Acq: 12 Sep 2018 12:58

Tgt Ion:	152	Resp:	375541
Ion Ratio	Lower	Upper	
152	100		
115	56.2	27.5	82.4
150	164.0	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: 21.04 ug/l

RT: 12.47 min Scan# 1733

Delta R.T. -0.00 min

Lab File: VW005320.D

Acq: 12 Sep 2018 12:58

Instrument :

MSVOA_W

ClientSampleId :

VW0912SBS01

Tot Ion: 105 Resp: 558394

Ion Ratio Lower Upper

105 100

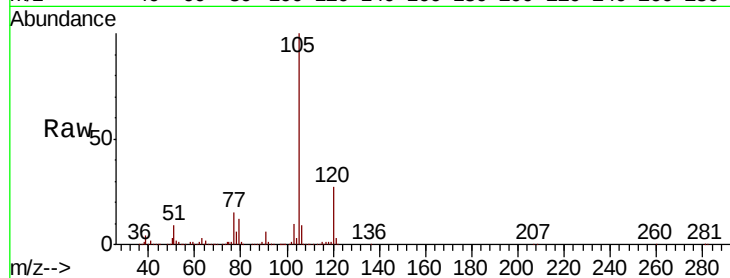
120 26.9 13.4 40.1

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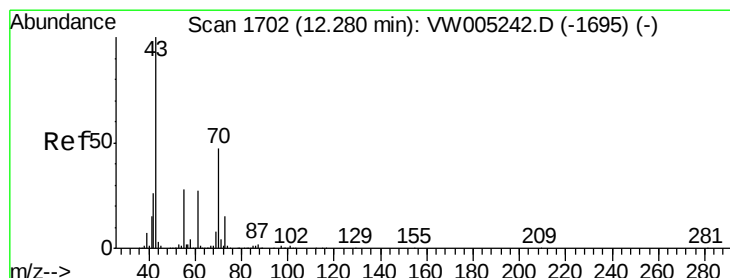
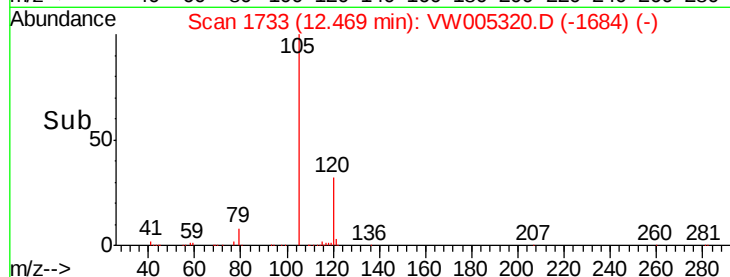
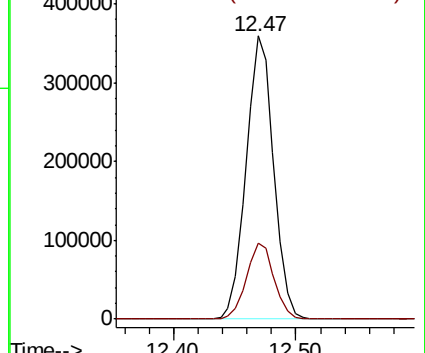
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 20.83 ug/l

RT: 12.28 min Scan# 1702

Delta R.T. -0.00 min

Lab File: VW005320.D

Acq: 12 Sep 2018 12:58

Tgt Ion: 43 Resp: 105161

Ion Ratio Lower Upper

43 100

70 46.2 37.9 56.9

55 29.4 22.6 33.8

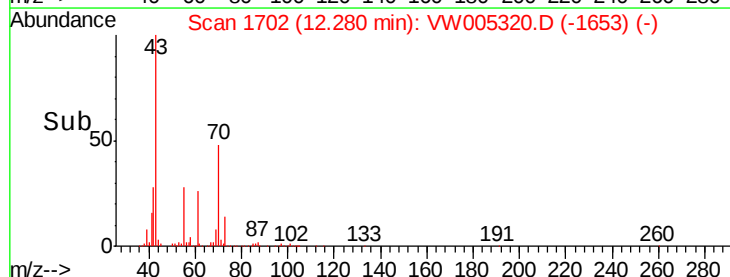
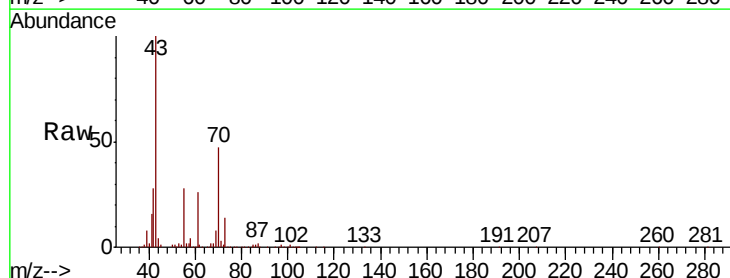
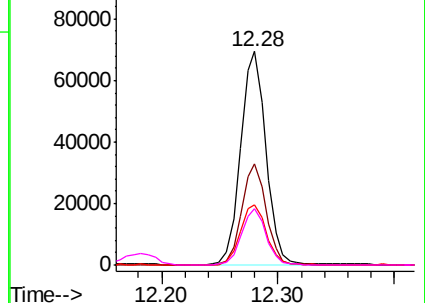
61 25.7 20.9 31.3

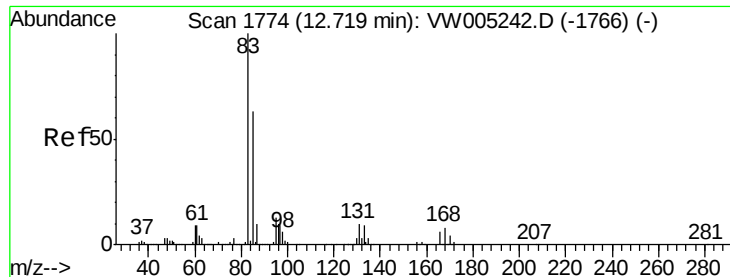
Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 70.00 (69.70 to 70.70): VW

Ion 55.00 (54.70 to 55.70): VW

Ion 61.00 (60.70 to 61.70): VW





#75

1,1,2,2-Tetrachloroethane

Concen: 20.79 ug/l

RT: 12.72 min Scan# 1774

Delta R.T. -0.00 min

Lab File: VW005320.D

Acq: 12 Sep 2018 12:58

Instrument :

MSVOA_W

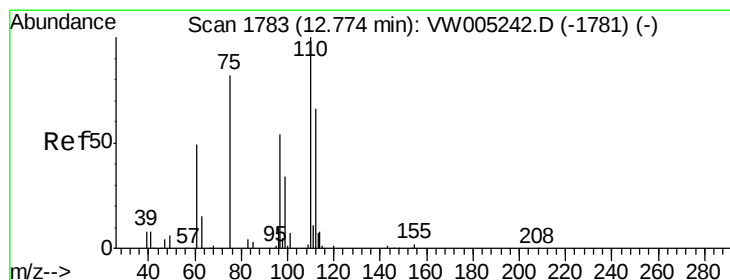
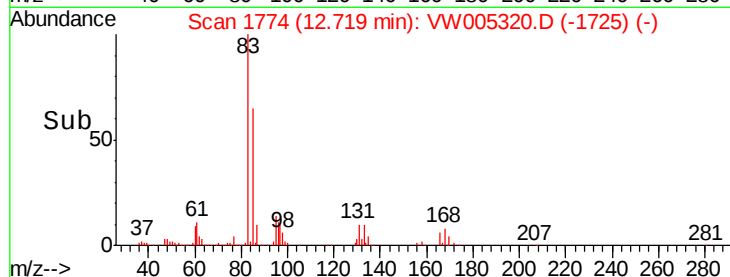
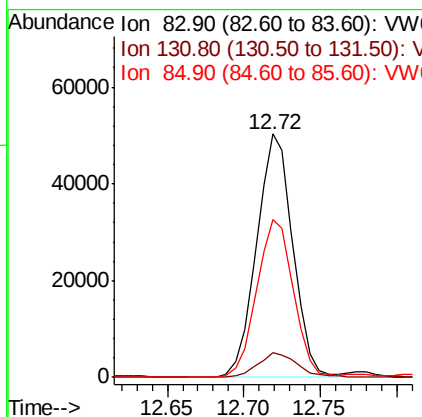
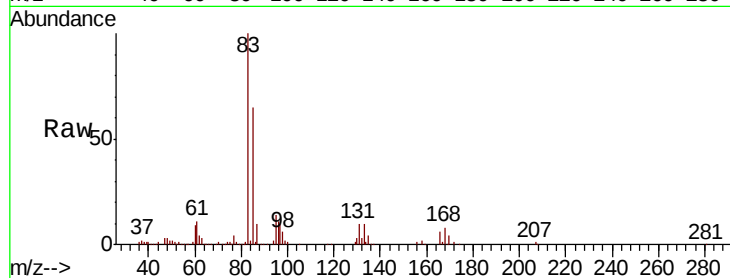
ClientSampleId :

VW0912SBS01

Tot Ion:	83	Resp:	82917
Ion Ratio	Lower	Upper	
83	100		
131	11.0	5.5	16.4
85	65.6	31.6	95.0

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#76

1,2,3-Trichloropropane

Concen: 19.52 ug/l m

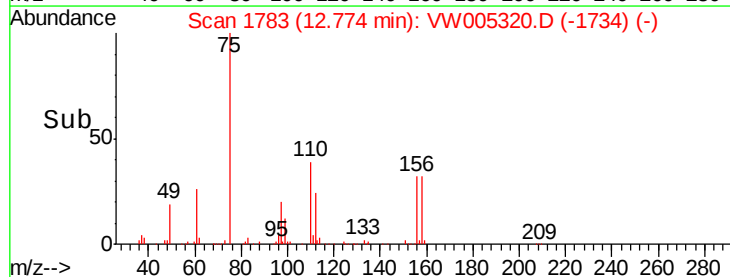
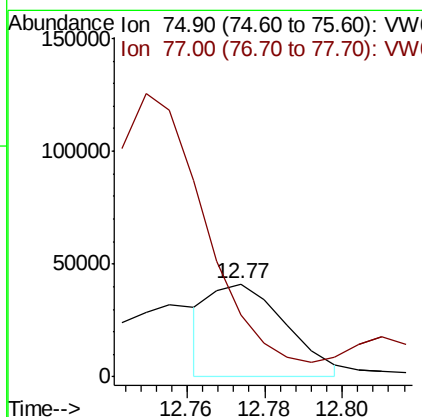
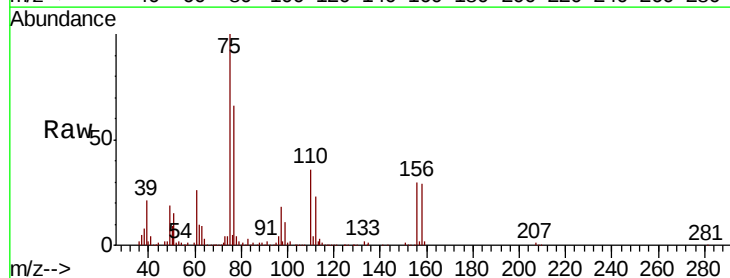
RT: 12.77 min Scan# 1783

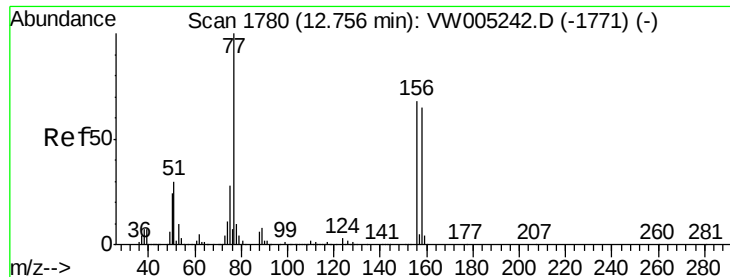
Delta R.T. -0.00 min

Lab File: VW005320.D

Acq: 12 Sep 2018 12:58

Tgt Ion:	75	Resp:	56386
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





#77

Bromobenzene

Concen: 20.95 ug/l

RT: 12.76 min Scan# 1780

Delta R.T. -0.00 min

Lab File: VW005320.D

Acq: 12 Sep 2018 12:58

Instrument :

MSVOA_W

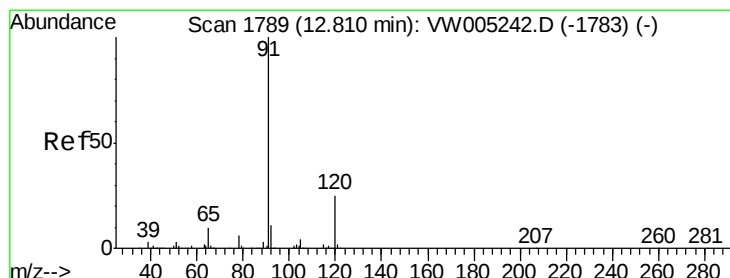
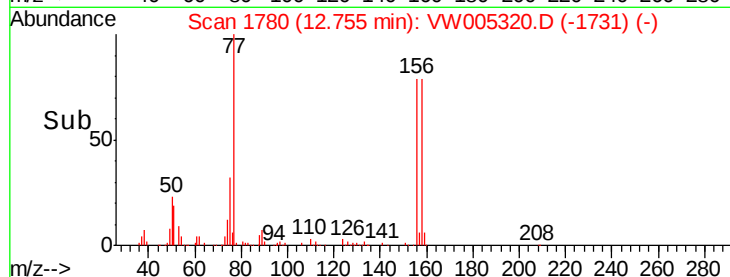
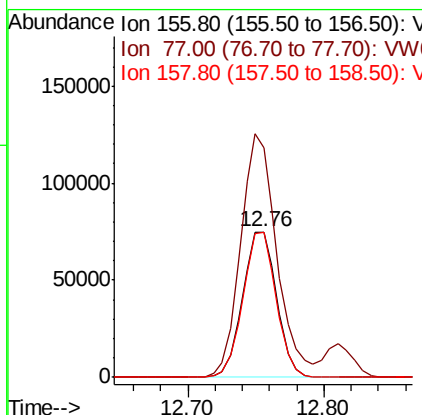
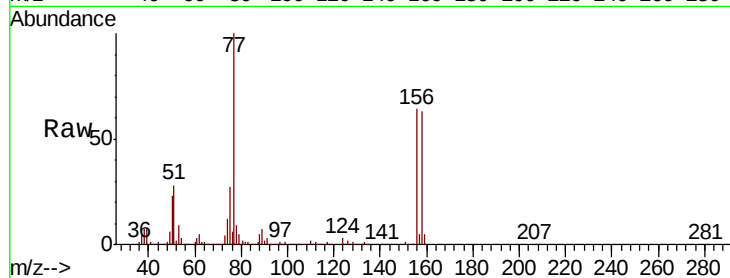
ClientSampleId :

VW0912SBS01

Tot Ion:	156	Resp:	130950
Ion Ratio	Lower	Upper	
156	100		
77	177.1	86.3	258.8
158	97.5	48.6	145.8

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#78

n-propylbenzene

Concen: 21.77 ug/l

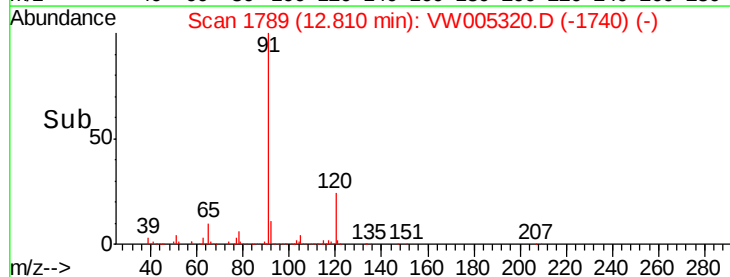
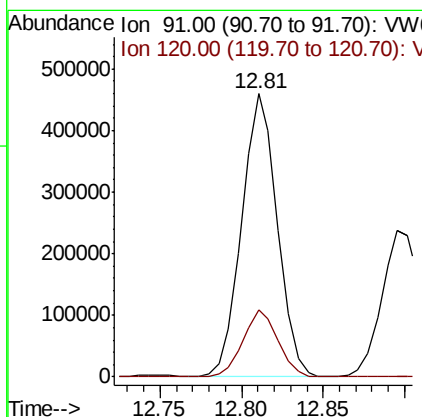
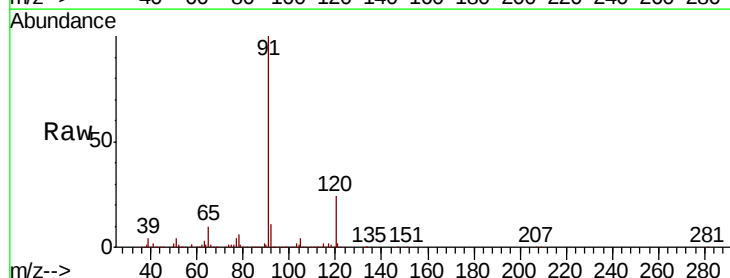
RT: 12.81 min Scan# 1789

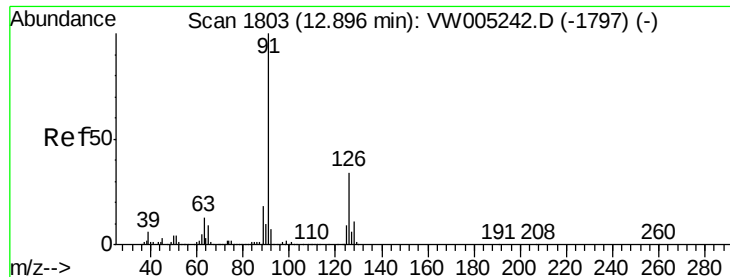
Delta R.T. -0.00 min

Lab File: VW005320.D

Acq: 12 Sep 2018 12:58

Tgt Ion:	91	Resp:	693648
Ion Ratio	Lower	Upper	
91	100		
120	23.3	12.0	36.0





#79

2-Chlorotoluene

Concen: 21.58 ug/l

RT: 12.90 min Scan# 1803

Delta R.T. -0.00 min

Lab File: VW005320.D

Acq: 12 Sep 2018 12:58

Instrument :

MSVOA_W

ClientSampleId :

VW0912SBS01

Tot Ion: 91 Resp: 394393

Ion Ratio Lower Upper

91 100

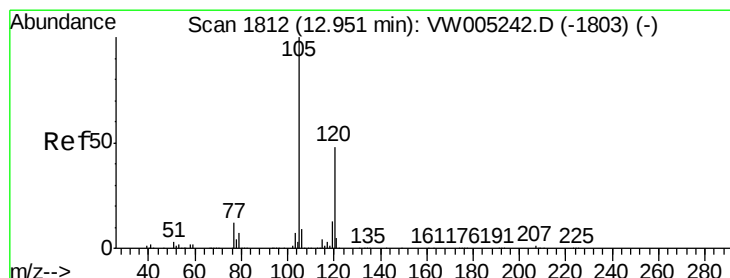
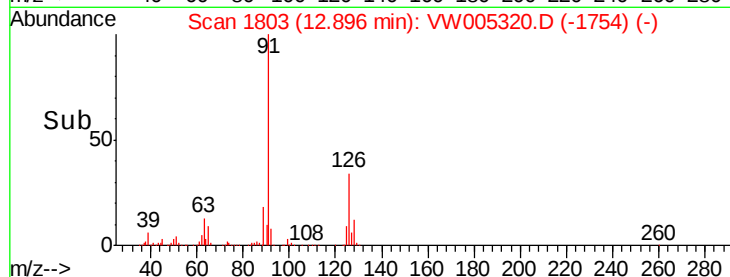
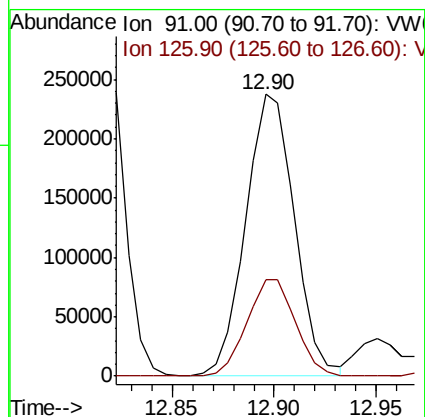
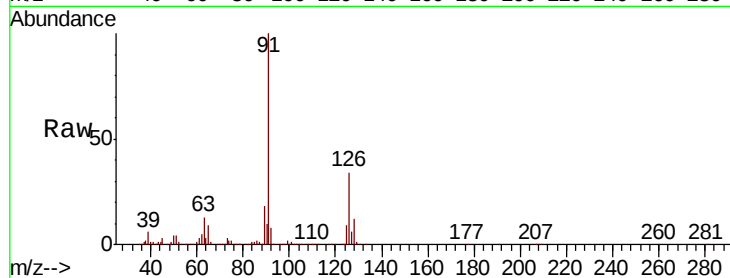
126 34.4 17.2 51.5

Manual Integrations

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#80

1,3,5-Trimethylbenzene

Concen: 21.60 ug/l

RT: 12.95 min Scan# 1812

Delta R.T. -0.00 min

Lab File: VW005320.D

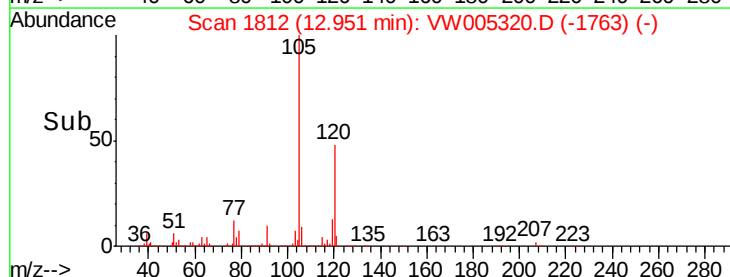
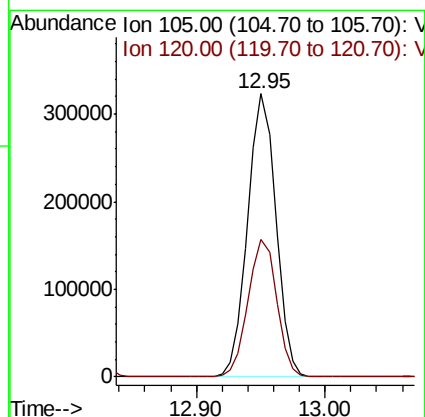
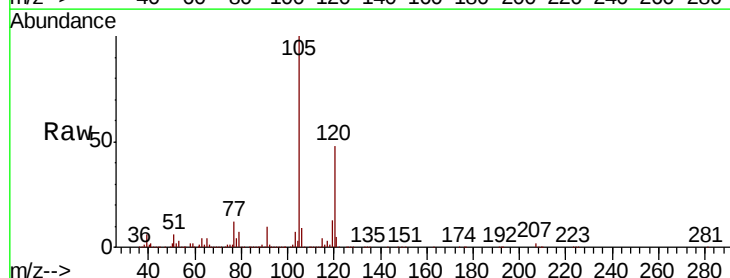
Acq: 12 Sep 2018 12:58

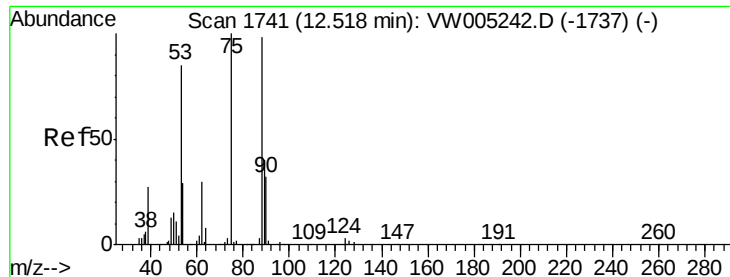
Tgt Ion: 105 Resp: 488109

Ion Ratio Lower Upper

105 100

120 49.2 24.4 73.4





#81

trans-1,4-Dichloro-2-butene

Concen: 19.71 ug/l

RT: 12.52 min Scan# 1741

Delta R.T. -0.00 min

Lab File: VW005320.D

Acq: 12 Sep 2018 12:58

Instrument :

MSVOA_W

ClientSampleId :

VW0912SBS01

Tot Ion: 75 Resp: 24276

Ion Ratio Lower Upper

75 100

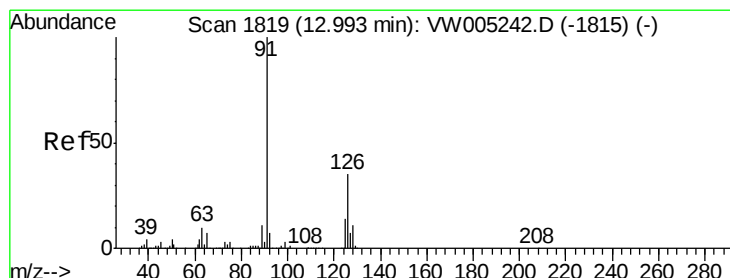
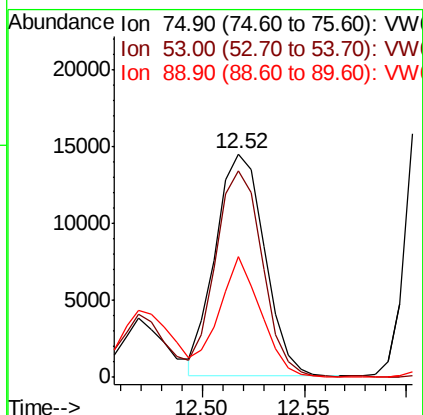
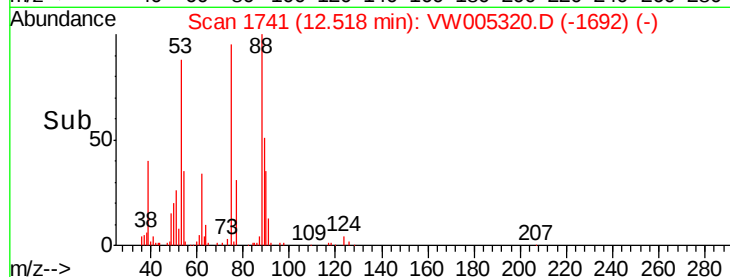
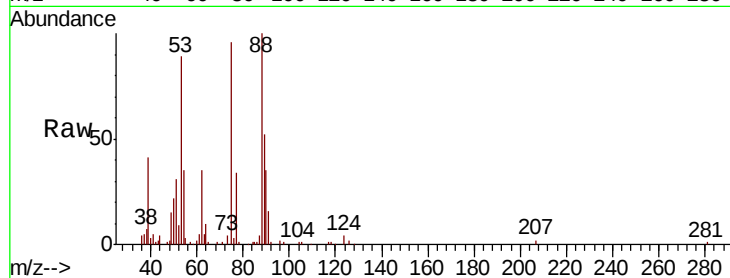
53 88.4 67.0 100.6

89 46.9 37.0 55.4

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#82

4-Chlorotoluene

Concen: 21.36 ug/l

RT: 12.99 min Scan# 1819

Delta R.T. -0.00 min

Lab File: VW005320.D

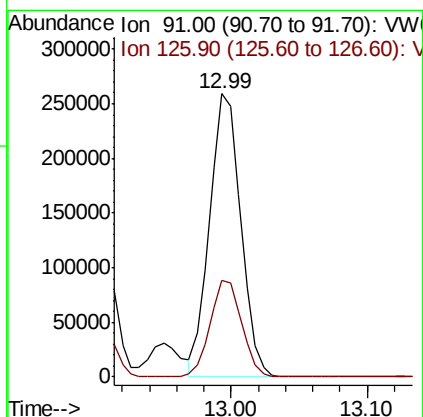
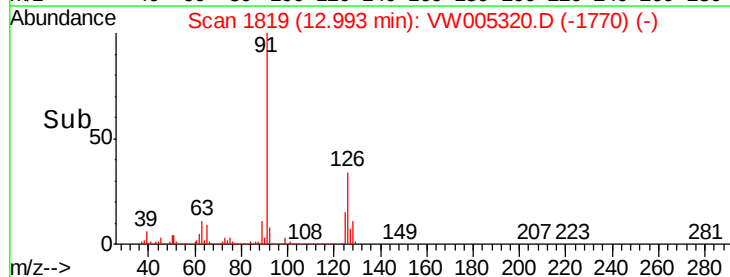
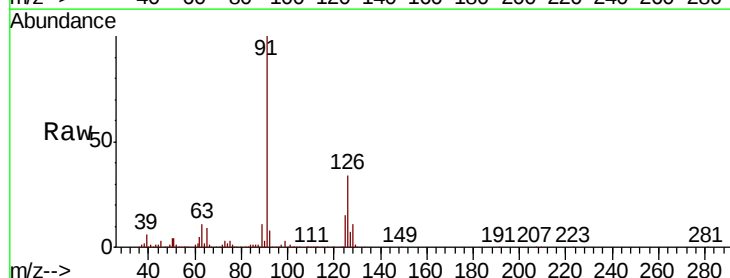
Acq: 12 Sep 2018 12:58

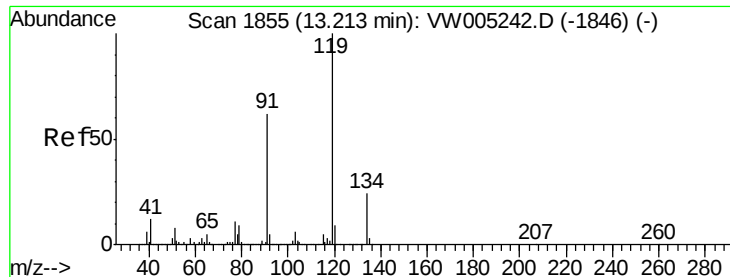
Tgt Ion: 91 Resp: 410215

Ion Ratio Lower Upper

91 100

126 34.8 17.5 52.5





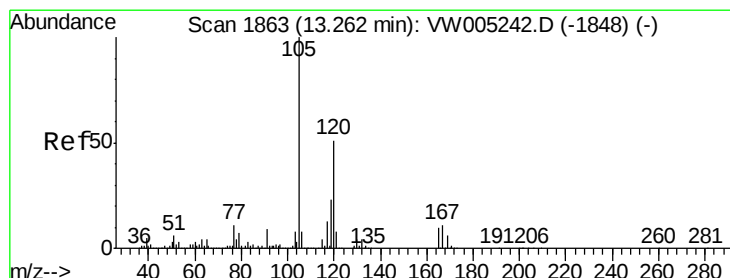
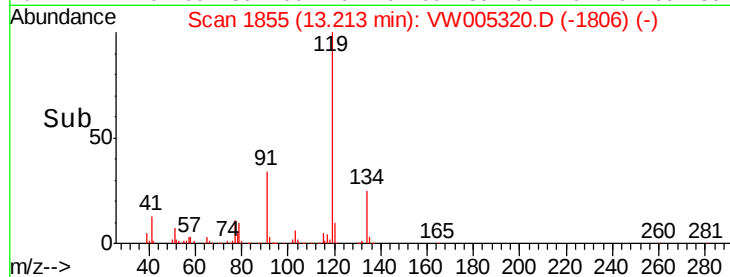
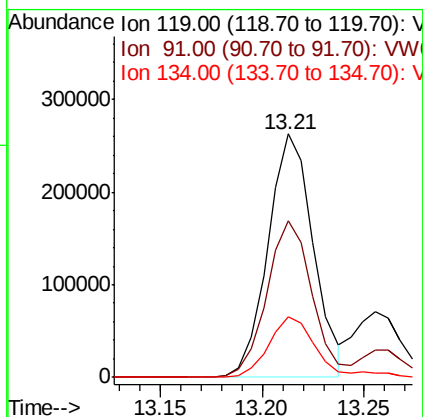
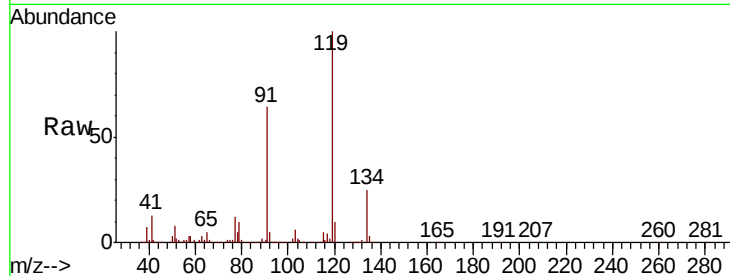
#83
tert-Butylbenzene
Concen: 20.64 ug/l
RT: 13.21 min Scan# 1855
Delta R.T. -0.00 min
Lab File: VW005320.D
Acq: 12 Sep 2018 12:58

Instrument :
MSVOA_W
ClientSampleId :
VW0912SBS01

Tot Ion	Ratio	Lower	Upper
119	100		
91	64.5	31.7	95.1
134	26.5	13.0	38.9

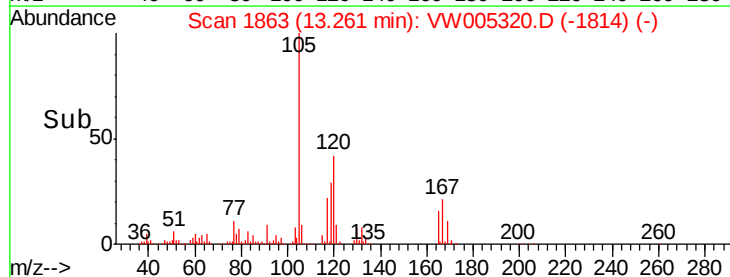
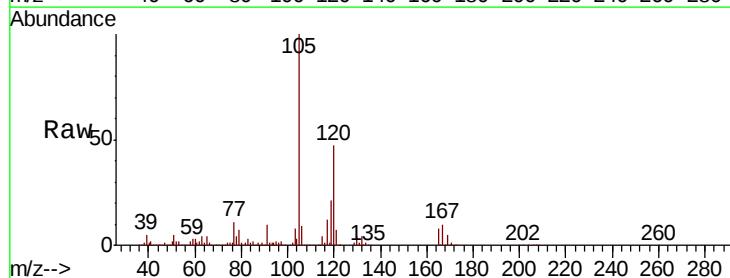
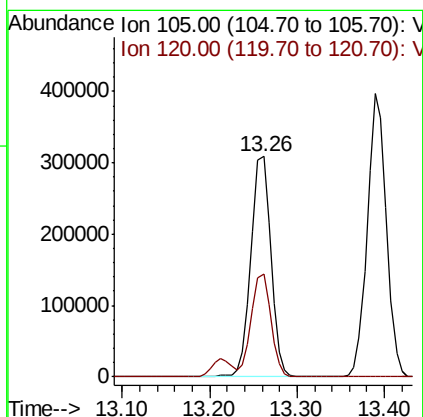
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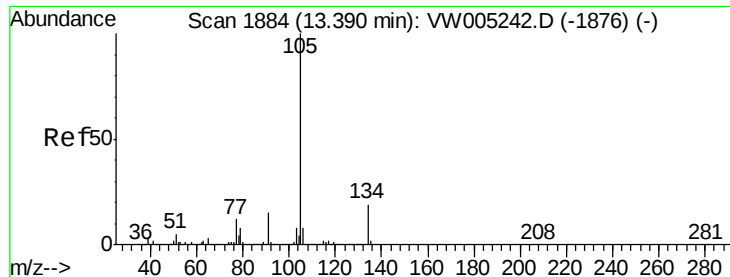
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#84
1,2,4-Trimethylbenzene
Concen: 21.56 ug/l
RT: 13.26 min Scan# 1863
Delta R.T. -0.00 min
Lab File: VW005320.D
Acq: 12 Sep 2018 12:58

Tgt Ion	Ratio	Lower	Upper
105	100		
120	46.0	23.4	70.3





#85

sec-Butylbenzene

Concen: 21.31 ug/l

RT: 13.39 min Scan# 1884

Delta R.T. -0.00 min

Lab File: VW005320.D

Acq: 12 Sep 2018 12:58

Instrument :

MSVOA_W

ClientSampleId :

VW0912SBS01

Tot Ion:105 Resp: 605316

Ion Ratio Lower Upper

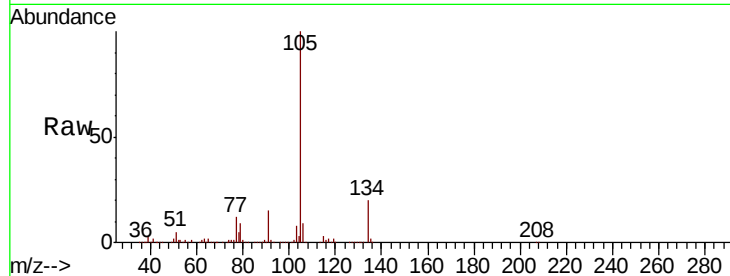
105 100

134 20.1 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

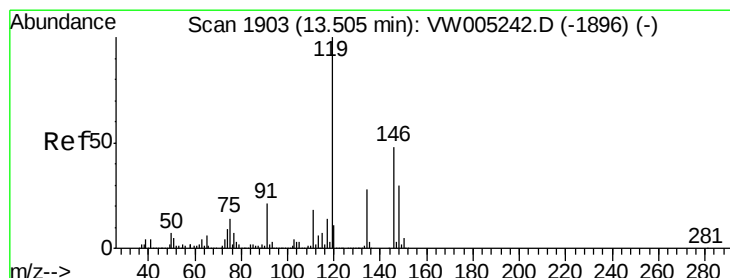
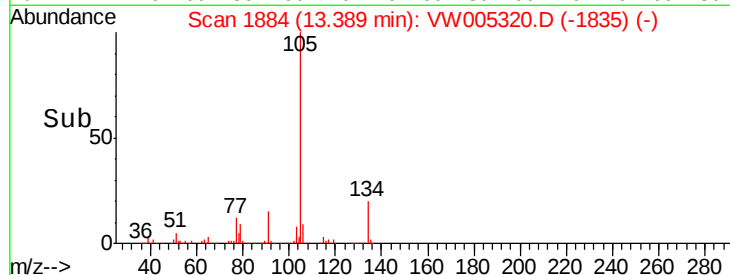
300000

200000

100000

0

Time--> 13.30 13.40



#86

p-Isopropyltoluene

Concen: 21.57 ug/l

RT: 13.51 min Scan# 1903

Delta R.T. -0.00 min

Lab File: VW005320.D

Acq: 12 Sep 2018 12:58

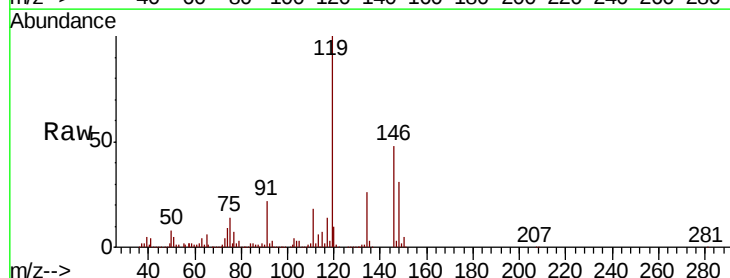
Tgt Ion:119 Resp: 542352

Ion Ratio Lower Upper

119 100

134 25.9 13.2 39.5

91 21.7 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

500000

400000

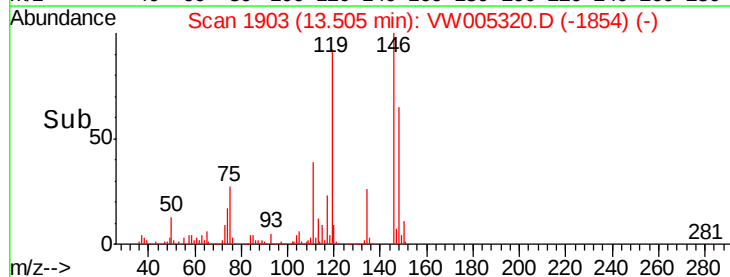
300000

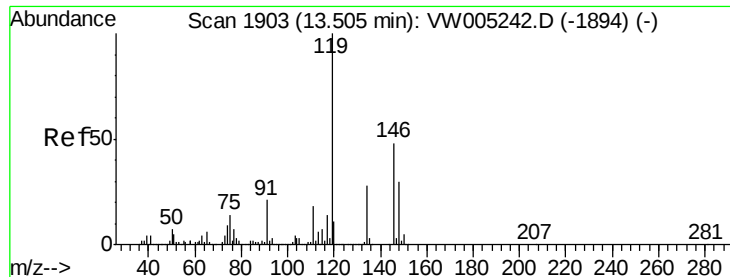
200000

100000

0

Time--> 13.45 13.55





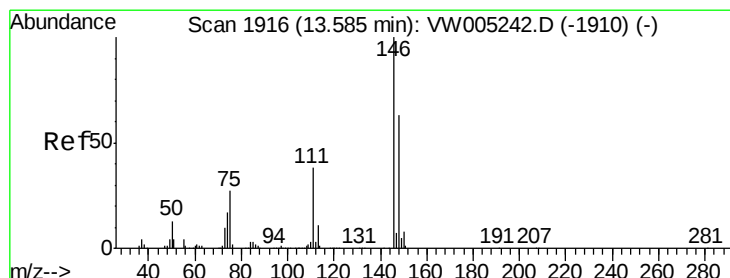
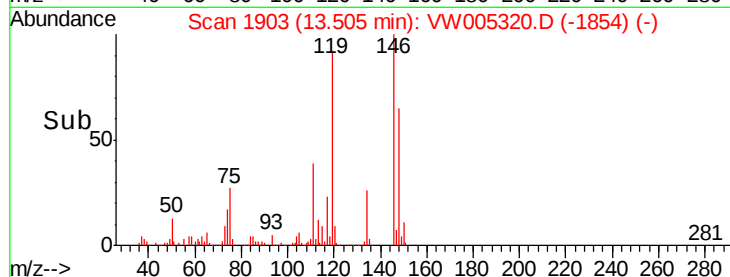
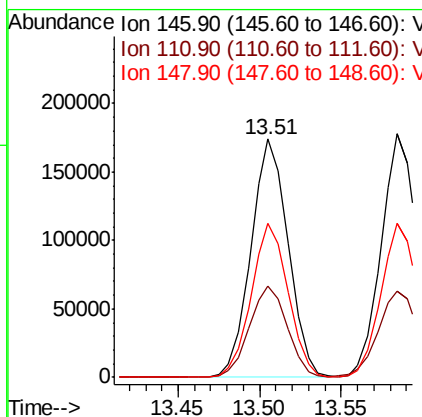
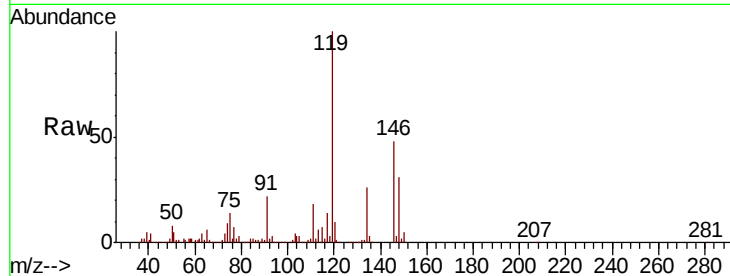
#87
 1,3-Dichlorobenzene
 Concen: 20.95 ug/l
 RT: 13.51 min Scan# 1903
 Delta R.T. -0.00 min
 Lab File: VW005320.D
 Acq: 12 Sep 2018 12:58

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0912SBS01

Tot Ion	Ratio	Resp	Lower	Upper
146	100	274991		
111	39.1	18.8	56.3	
148	64.1	31.6	94.8	

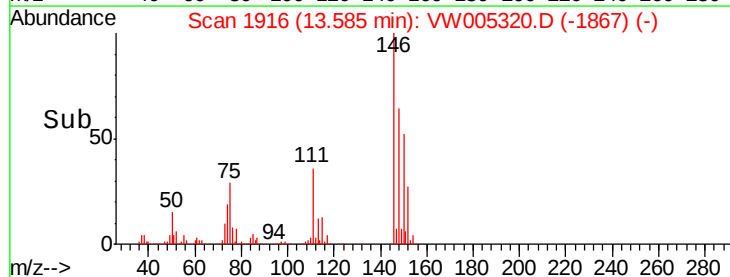
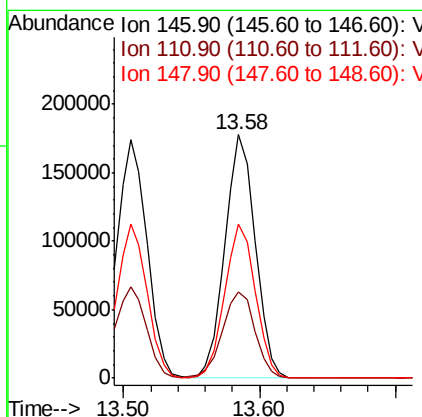
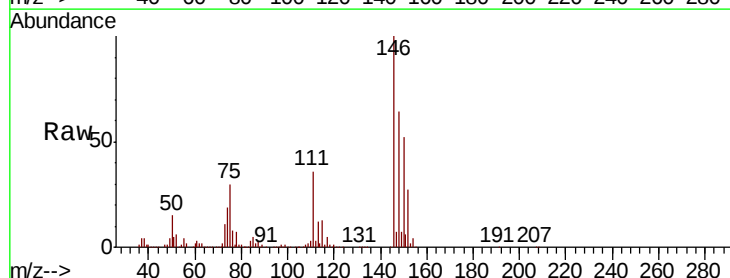
Manual Integrations
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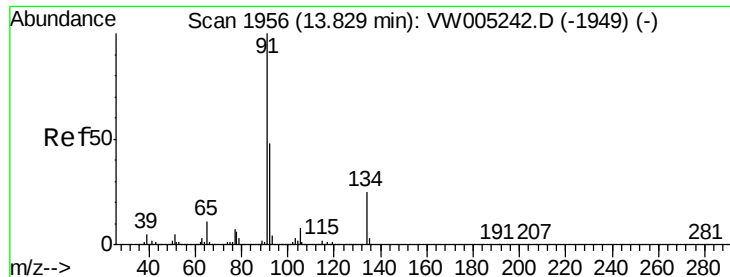
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#88
 1,4-Dichlorobenzene
 Concen: 21.41 ug/l
 RT: 13.58 min Scan# 1916
 Delta R.T. -0.00 min
 Lab File: VW005320.D
 Acq: 12 Sep 2018 12:58

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	276069		
111	38.0	19.1	57.3	
148	64.1	32.3	96.9	





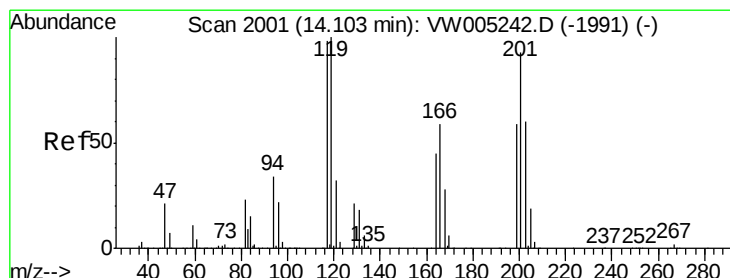
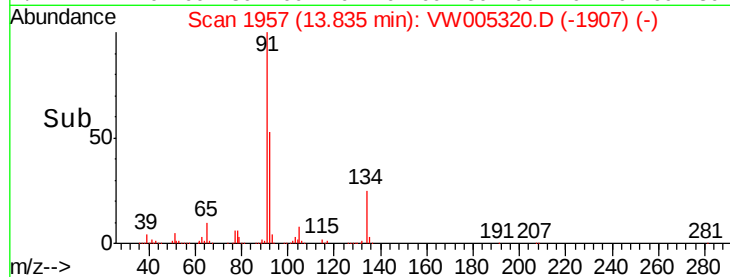
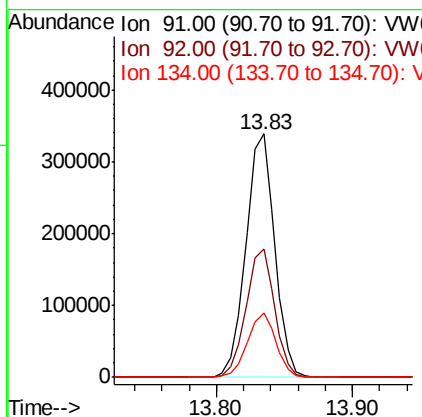
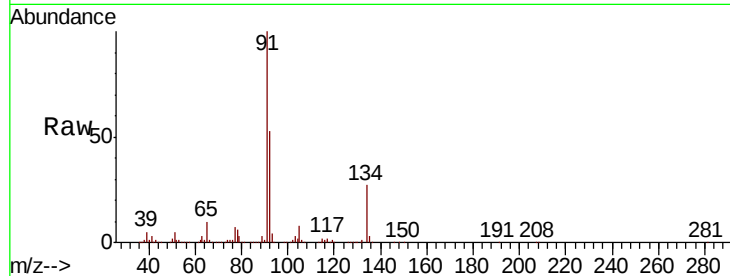
#89
n-Butylbenzene
Concen: 21.22 ug/l
RT: 13.83 min Scan# 1957
Delta R.T. 0.01 min
Lab File: VW005320.D
Acq: 12 Sep 2018 12:58

Instrument :
MSVOA_W
ClientSampleId :
VW0912SBS01

Tot Ion	Ratio	Lower	Upper
91	100		
92	52.7	25.8	77.3
134	26.4	13.6	40.8

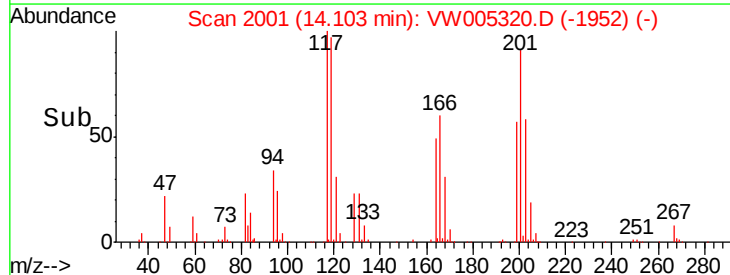
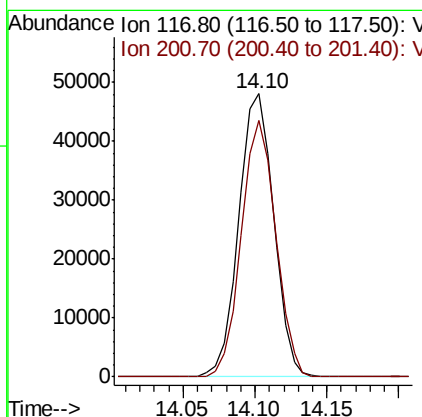
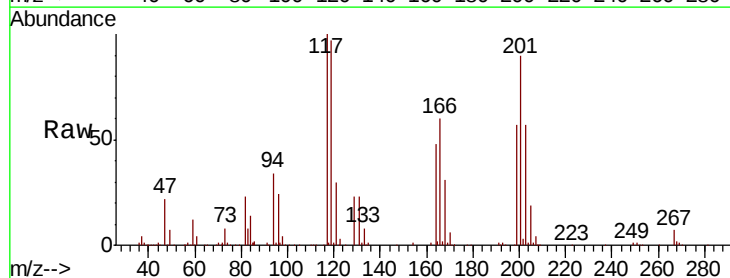
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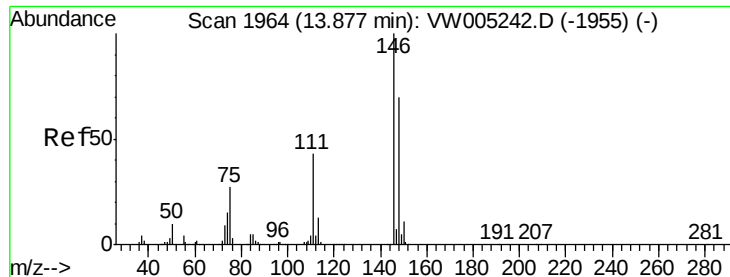
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#90
Hexachloroethane
Concen: 20.14 ug/l
RT: 14.10 min Scan# 2001
Delta R.T. -0.00 min
Lab File: VW005320.D
Acq: 12 Sep 2018 12:58

Tgt Ion	Ratio	Lower	Upper
117	100		
201	88.6	44.0	132.1





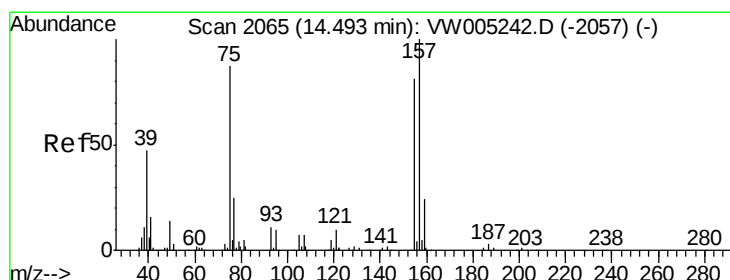
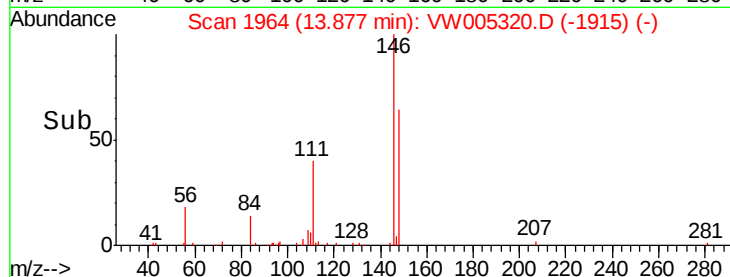
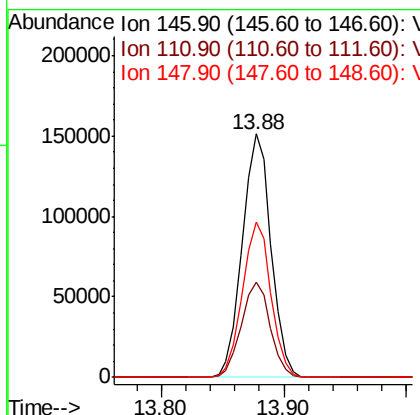
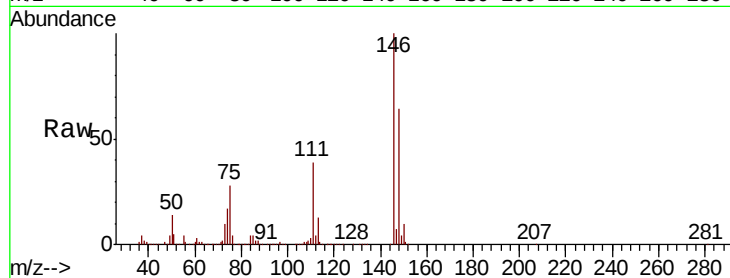
#91
 1,2-Dichlorobenzene
 Concen: 21.37 ug/l
 RT: 13.88 min Scan# 1964
 Delta R.T. -0.00 min
 Lab File: VW005320.D
 Acq: 12 Sep 2018 12:58

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0912SBS01

Tot Ion	Ratio	Resp	Lower	Upper
146	100	246545		
111	39.5	20.5	61.5	
148	63.3	32.7	98.1	

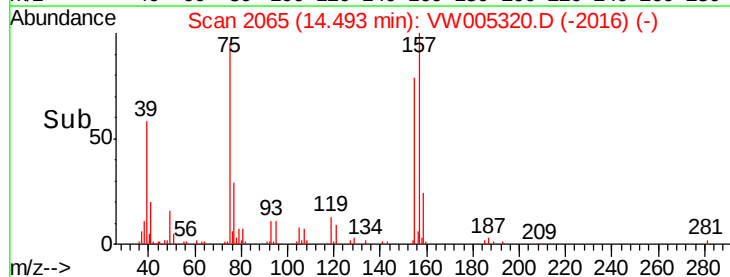
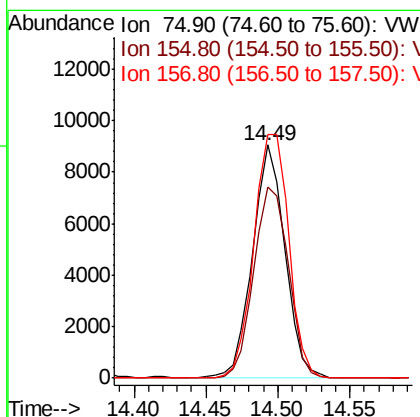
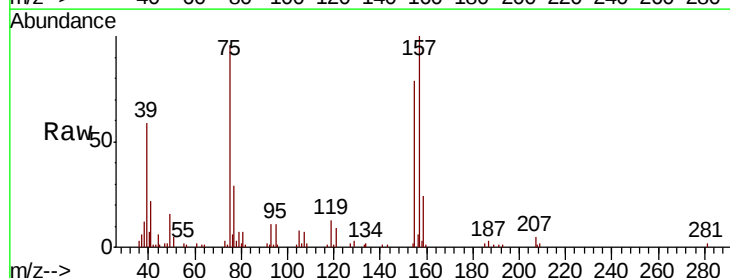
Manual Integrations
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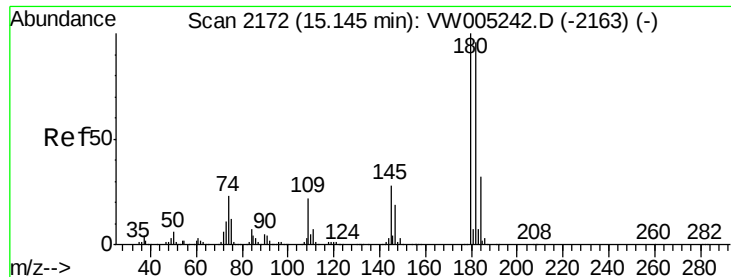
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 21.19 ug/l
 RT: 14.49 min Scan# 2065
 Delta R.T. -0.00 min
 Lab File: VW005320.D
 Acq: 12 Sep 2018 12:58

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	14050		
155	87.8	47.4	142.2	
157	112.4	59.4	178.2	





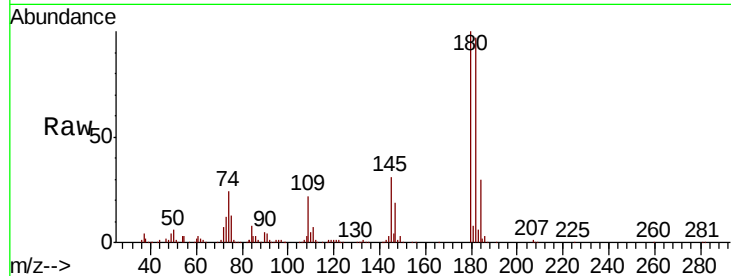
#93
 1,2,4-Trichlorobenzene
 Concen: 19.75 ug/l
 RT: 15.15 min Scan# 2172
 Delta R.T. -0.00 min
 Lab File: VW005320.D
 Acq: 12 Sep 2018 12:58

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0912SBS01

Tot Ion	Ratio	Resp	Lower	Upper
180	100	161216		
182	95.8	48.1	144.4	
145	29.8	14.5	43.6	

Manual Integrations
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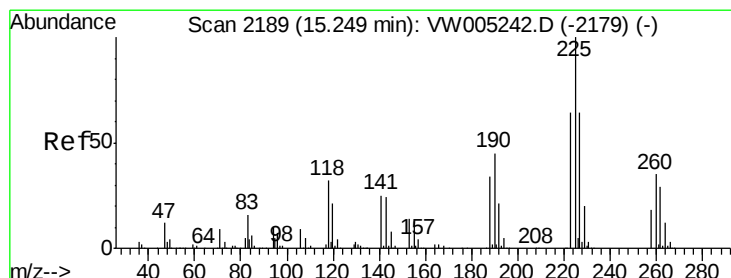
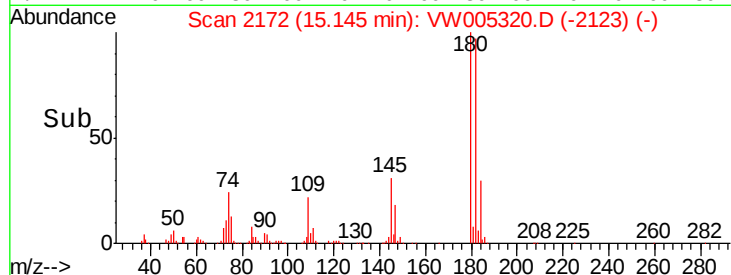
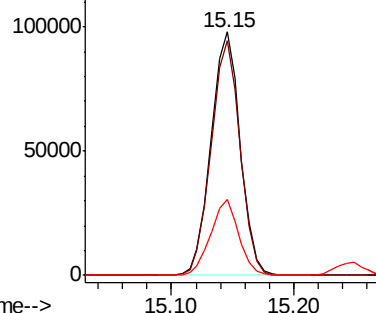


Abundance

Ion 179.80 (179.50 to 180.50): V

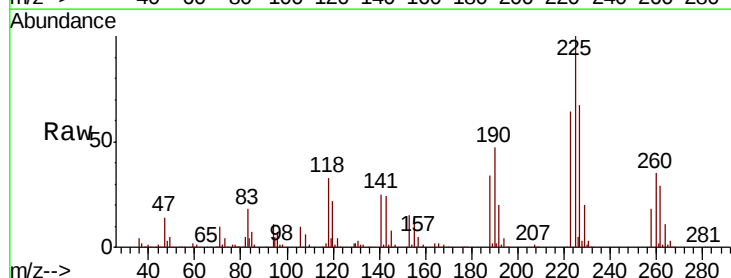
Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V



#94
 Hexachlorobutadiene
 Concen: 20.57 ug/l
 RT: 15.25 min Scan# 2189
 Delta R.T. -0.00 min
 Lab File: VW005320.D
 Acq: 12 Sep 2018 12:58

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	107479		
223	63.1	31.4	94.2	
227	64.5	32.0	96.0	

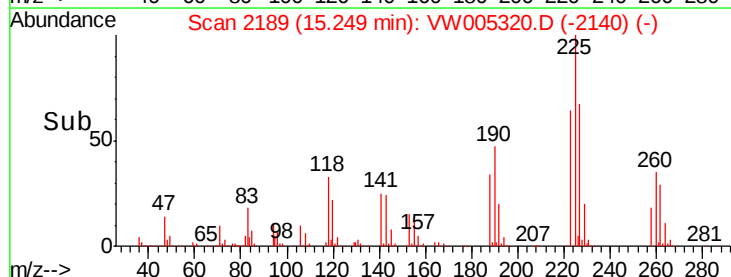
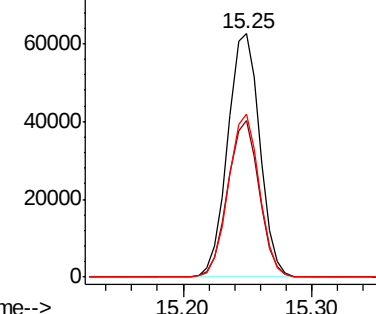


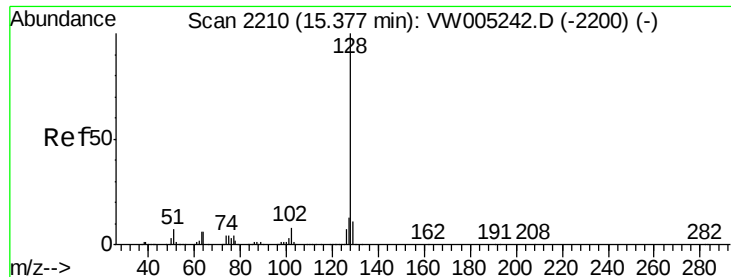
Abundance

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





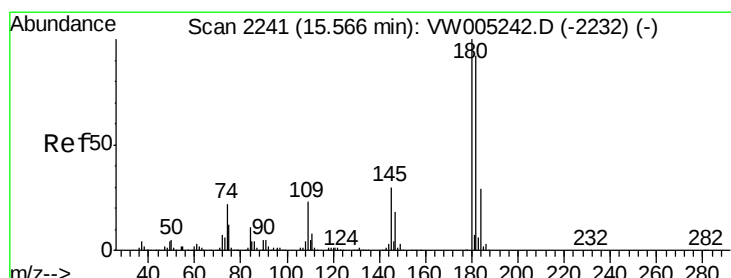
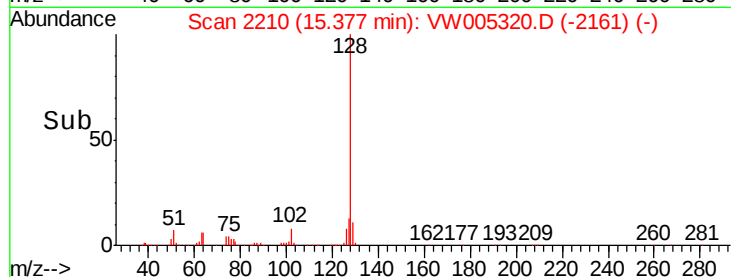
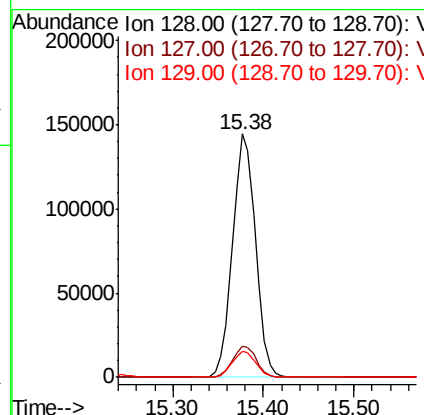
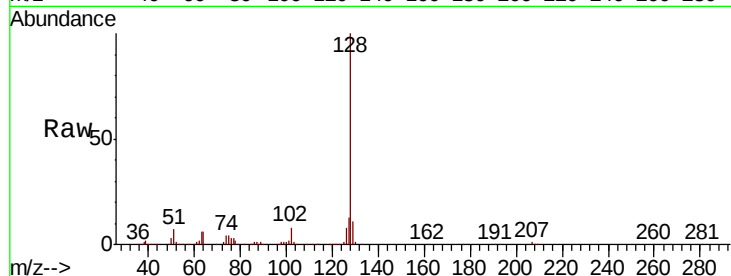
#95
Naphthalene
Concen: 19.16 ug/l
RT: 15.38 min Scan# 2210
Delta R.T. -0.00 min
Lab File: VW005320.D
Acq: 12 Sep 2018 12:58

Instrument :
MSVOA_W
ClientSampleId :
VW0912SBS01

Tot Ion	Ratio	Resp	Lower	Upper
128	100	253556		
127	13.2		10.3	15.5
129	11.0		8.8	13.2

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#96
1,2,3-Trichlorobenzene
Concen: 19.81 ug/l
RT: 15.57 min Scan# 2241
Delta R.T. -0.00 min
Lab File: VW005320.D
Acq: 12 Sep 2018 12:58

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	139117		
182	95.9		47.2	141.6
145	31.4		15.2	45.6

