

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW090718\
 Data File : VW005205.D
 Acq On : 07 Sep 2018 13:34
 Operator : SY/AP
 Sample : VW0907SBS01
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0907SBS01

Manual Integrations
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 9/10/2018 10:50:49 AM

Quant Time: Sep 07 15:05:07 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W090118S.M
 Quant Title : SW846 8260
 QLast Update : Sat Sep 01 03:35:05 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.96	168	461120	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	657358	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	652603	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	351611	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.31	65	193794	50.70	ug/l	0.00
Spiked Amount			Recovery	=	101.40%	
35) Dibromofluoromethane	7.89	113	190186	50.07	ug/l	0.00
Spiked Amount			Recovery	=	100.14%	
50) Toluene-d8	10.33	98	935961	53.47	ug/l	0.00
Spiked Amount			Recovery	=	106.94%	
62) 4-Bromofluorobenzene	12.63	95	343565	55.66	ug/l	0.00
Spiked Amount			Recovery	=	111.32%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	2.00	85	83901	22.58	ug/l	98
3) Chloromethane	2.22	50	118818	22.03	ug/l	97
4) Vinyl Chloride	2.36	62	114012	21.74	ug/l	98
5) Bromomethane	2.75	94	75016	20.61	ug/l	97
6) Chloroethane	2.91	64	66510	20.38	ug/l	100
7) Trichlorofluoromethane	3.26	101	120214	20.38	ug/l	100
8) Diethyl Ether	3.69	74	42636	19.98	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	4.07	101	82841	20.45	ug/l	98
10) Methyl Iodide	4.28	142	68864	14.32	ug/l	100
11) Tert butyl alcohol	5.17	59	35731	166.55	ug/l #	94
12) 1,1-Dichloroethene	4.04	96	74285	19.92	ug/l	98
13) Acrolein	3.90	56	22433	90.42	ug/l	100
14) Allyl chloride	4.68	41	115920	19.89	ug/l	98
15) Acrylonitrile	5.38	53	96606	107.32	ug/l	98
16) Acetone	4.13	43	85379	111.37	ug/l	94
17) Carbon Disulfide	4.39	76	236411	18.20	ug/l	99
18) Methyl Acetate	4.68	43	44656	19.80	ug/l	99
19) Methyl tert-butyl Ether	5.43	73	180840	19.97	ug/l	99
20) Methylene Chloride	4.92	84	125550	22.07	ug/l	95
21) trans-1,2-Dichloroethene	5.43	96	86320	19.00	ug/l	96
22) Diisopropyl ether	6.32	45	254062	20.71	ug/l	98
23) Vinyl Acetate	6.26	43	677528	105.17	ug/l	99
24) 1,1-Dichloroethane	6.23	63	148857	19.42	ug/l	99
25) 2-Butanone	7.18	43	140759	105.86	ug/l	98
26) 2,2-Dichloropropane	7.18	77	132158	20.98	ug/l	98
27) cis-1,2-Dichloroethene	7.18	96	95524	19.22	ug/l	95
28) Bromochloromethane	7.52	49	67964	22.03	ug/l	95
29) Tetrahydrofuran	7.54	42	72967	107.40	ug/l	99
30) Chloroform	7.68	83	146198	18.68	ug/l	95
31) Cyclohexane	7.96	56	156463	20.84	ug/l	97
32) 1,1,1-Trichloroethane	7.88	97	129946	19.07	ug/l	99
36) 1,1-Dichloropropene	8.09	75	125471	20.04	ug/l	99
37) Ethyl Acetate	7.26	43	53611	22.90	ug/l	99
38) Carbon Tetrachloride	8.07	117	115480	19.40	ug/l	98

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 Quant Title : SW846 8260
 QLast Update : Sat Sep 01 03:35:05 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	157416	20.79	ug/l	96
40) Benzene	8.33	78	378497	19.75	ug/l	99
41) Methacrylonitrile	7.49	41	30688	22.62	ug/l	96
42) 1,2-Dichloroethane	8.41	62	91813	19.57	ug/l	99
43) Isopropyl Acetate	8.43	43	92839	21.79	ug/l	99
44) Trichloroethene	9.10	130	98393	19.03	ug/l	100
45) 1,2-Dichloropropane	9.37	63	93795	20.03	ug/l	99
46) Dibromomethane	9.46	93	43254	19.32	ug/l	97
47) Bromodichloromethane	9.65	83	108777	19.30	ug/l	99
48) Methyl methacrylate	9.45	41	49775	24.26	ug/l #	89
49) 1,4-Dioxane	9.45	88	16330	451.03	ug/l	97
51) 4-Methyl-2-Pentanone	10.22	43	331038	115.93	ug/l	99
52) Toluene	10.40	92	267340	20.59	ug/l	99
53) t-1,3-Dichloropropene	10.61	75	111318	20.10	ug/l	99
54) cis-1,3-Dichloropropene	10.08	75	134250	19.93	ug/l	97
55) 1,1,2-Trichloroethane	10.79	97	69259	19.98	ug/l	98
56) Ethyl methacrylate	10.65	69	85722	21.68	ug/l	98
57) 1,3-Dichloropropane	10.94	76	115308	20.21	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.93	63	219908	117.35	ug/l	98
59) 2-Hexanone	10.98	43	234553	121.45	ug/l	98
60) Dibromochloromethane	11.13	129	74333	18.97	ug/l	98
61) 1,2-Dibromoethane	11.24	107	61319	19.59	ug/l	99
64) Tetrachloroethene	10.87	164	94726	18.50	ug/l	96
65) Chlorobenzene	11.66	112	290250	19.76	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.74	131	85380	19.02	ug/l	99
67) Ethyl Benzene	11.74	91	501675	20.20	ug/l	99
68) m/p-Xylenes	11.85	106	403335	40.56	ug/l	99
69) o-Xylene	12.18	106	185377	20.16	ug/l	100
70) Styrene	12.19	104	306905	20.21	ug/l	100
71) Bromoform	12.35	173	45025	18.92	ug/l #	99
73) Isopropylbenzene	12.47	105	506405	20.43	ug/l	100
74) N-amyl acetate	12.28	43	98564	23.09	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.72	83	79707	21.12	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	55852m	21.16	ug/l	
77) Bromobenzene	12.76	156	120955	19.80	ug/l	97
78) n-propylbenzene	12.81	91	620686	20.74	ug/l	99
79) 2-Chlorotoluene	12.90	91	355536	20.36	ug/l	99
80) 1,3,5-Trimethylbenzene	12.95	105	435717	20.32	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.52	75	22746	20.74	ug/l	95
82) 4-Chlorotoluene	12.99	91	373051	20.23	ug/l	100
83) tert-Butylbenzene	13.21	119	368954	20.61	ug/l	99
84) 1,2,4-Trimethylbenzene	13.26	105	443966	20.33	ug/l	99
85) sec-Butylbenzene	13.39	105	552201	20.99	ug/l	100
86) p-Isopropyltoluene	13.51	119	480829	20.64	ug/l	100
87) 1,3-Dichlorobenzene	13.51	146	249531	19.89	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	245267	19.70	ug/l	99
89) n-Butylbenzene	13.83	91	448835	20.79	ug/l	99
90) Hexachloroethane	14.10	117	75188	19.43	ug/l	98
91) 1,2-Dichlorobenzene	13.88	146	220267	20.14	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	12956	21.97	ug/l	94

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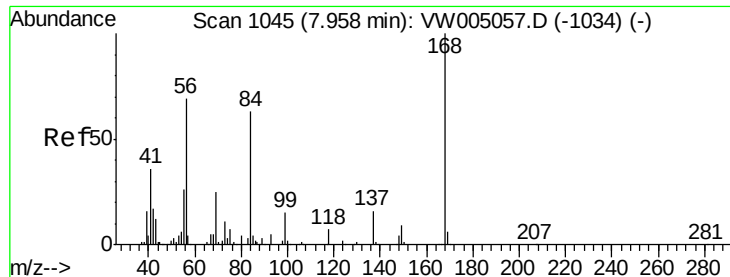
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Quant Title : SW846 8260
QLast Update : Sat Sep 01 03:35:05 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.15	180	146697	20.00	ug/l	100
94) Hexachlorobutadiene	15.25	225	97215	21.31	ug/l	98
95) Naphthalene	15.38	128	231939	20.82	ug/l	99
96) 1,2,3-Trichlorobenzene	15.57	180	126701	20.19	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.96 min Scan# 993

Delta R.T. -0.00 min

Lab File: VW005205.D

Acq: 07 Sep 2018 13:34

Instrument :

MSVOA_W

ClientSampleId :

VW0907SBSD01

Tot Ion:168 Resp: 461120

Ion Ratio Lower Upper

168 100

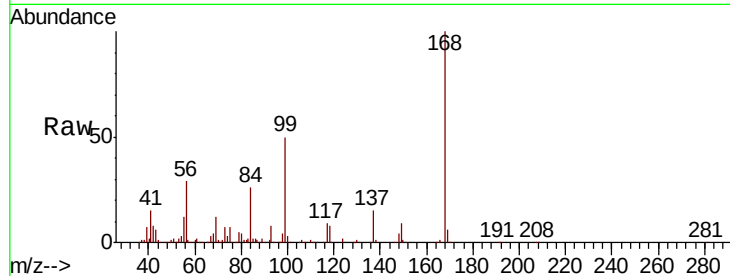
99 50.4 39.4 59.0

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.96

250000

200000

150000

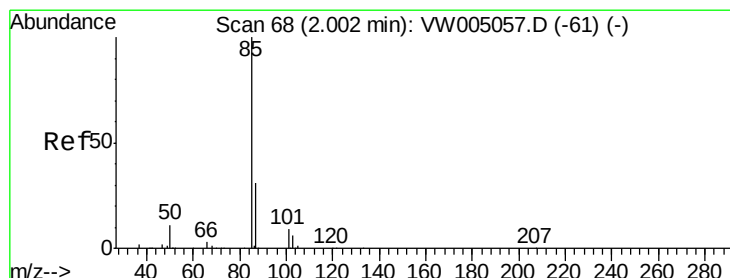
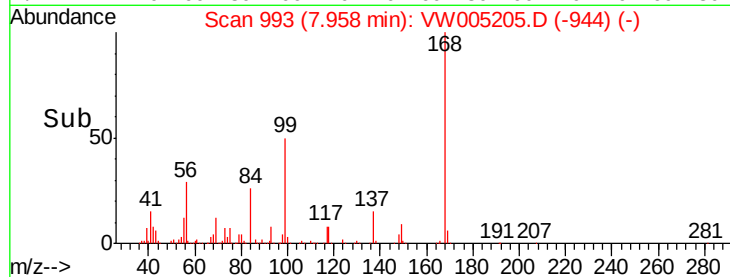
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50000

0

7.80 7.90 8.00 8.10

Time-->



#2

Dichlorodifluoromethane

Concen: 22.58 ug/l

RT: 2.00 min Scan# 16

Delta R.T. -0.00 min

Lab File: VW005205.D

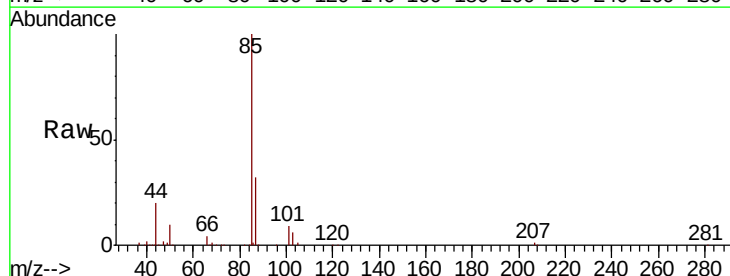
Acq: 07 Sep 2018 13:34

Tgt Ion: 85 Resp: 83901

Ion Ratio Lower Upper

85 100

87 32.3 15.8 47.3



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW

2.00

60000

50000

40000

30000

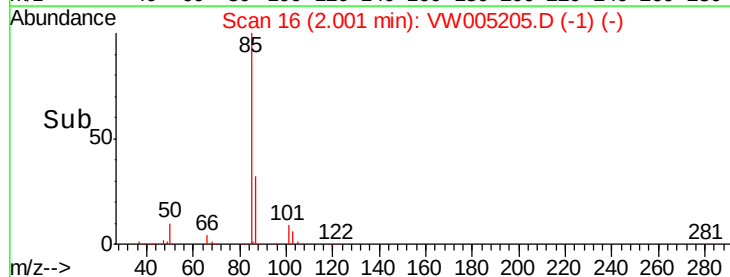
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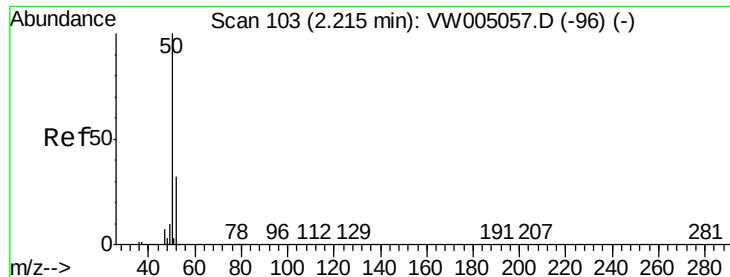
10000

0

1.90 1.95 2.00 2.05 2.10

Time-->





#3

Chloromethane

Concen: 22.03 ug/l

RT: 2.22 min Scan# 52

Delta R.T. 0.01 min

Lab File: VW005205.D

Acq: 07 Sep 2018 13:34

Instrument :

MSVOA_W

ClientSampleId :

VW0907SBSD01

Tot Ion: 50 Resp: 118818

Ion Ratio Lower Upper

50 100

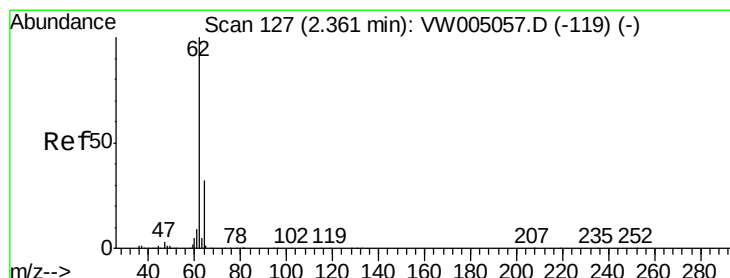
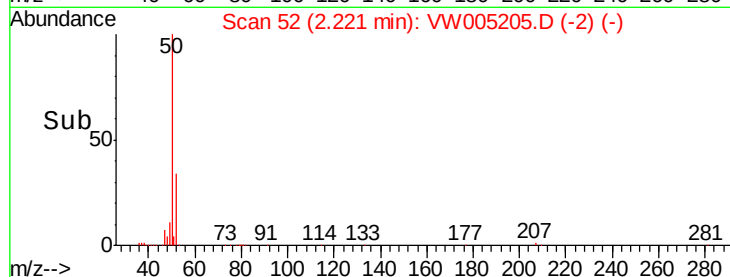
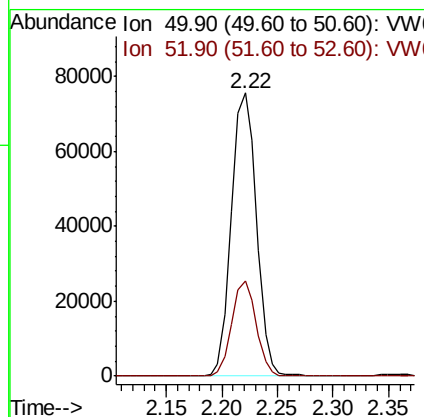
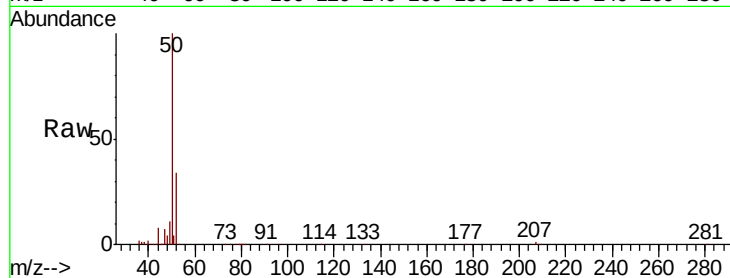
52 33.7 25.8 38.6

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#4

Vinyl Chloride

Concen: 21.74 ug/l

RT: 2.36 min Scan# 75

Delta R.T. -0.00 min

Lab File: VW005205.D

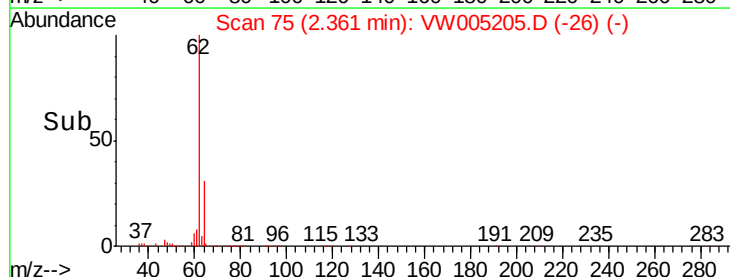
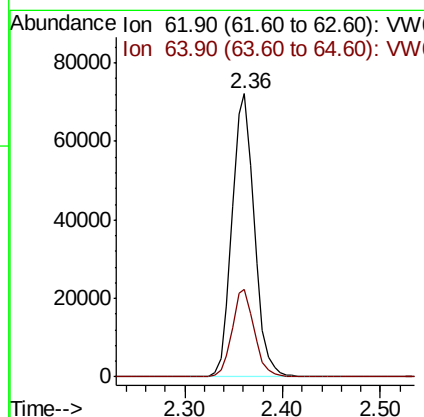
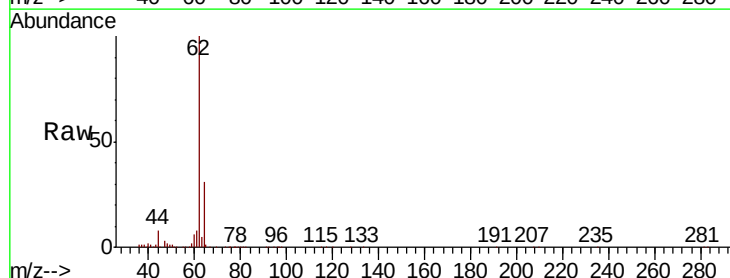
Acq: 07 Sep 2018 13:34

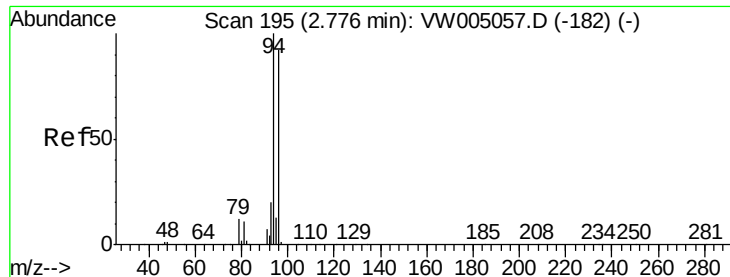
Tgt Ion: 62 Resp: 114012

Ion Ratio Lower Upper

62 100

64 31.1 25.6 38.4





#5

Bromomethane

Concen: 20.61 ug/l

RT: 2.75 min Scan# 139

Delta R.T. -0.02 min

Lab File: VW005205.D

Acq: 07 Sep 2018 13:34

Instrument :

MSVOA_W

ClientSampleId :

VW0907SBSD01

Tot Ion: 94 Resp: 75016

Ion Ratio Lower Upper

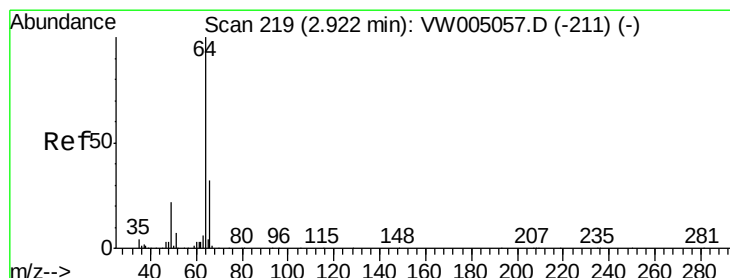
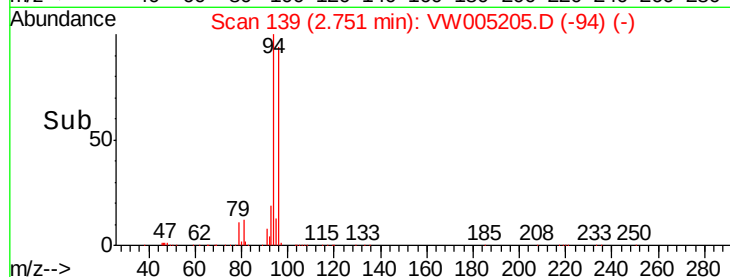
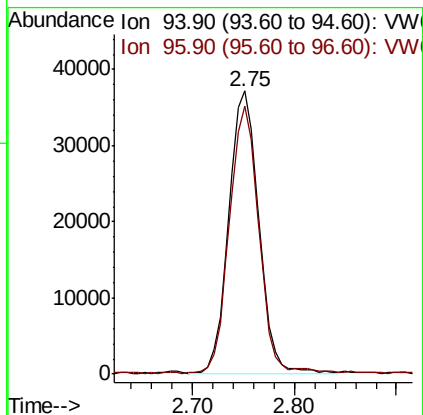
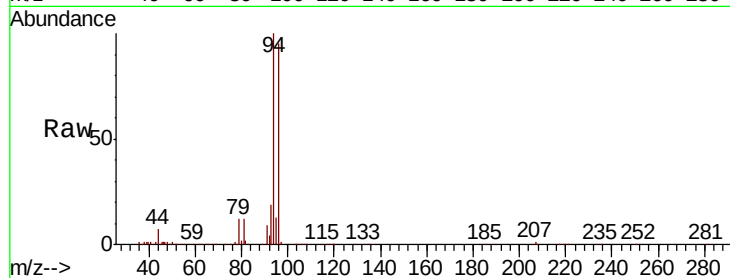
94 100

96 94.6 73.2 109.8

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#6

Chloroethane

Concen: 20.38 ug/l

RT: 2.91 min Scan# 165

Delta R.T. -0.01 min

Lab File: VW005205.D

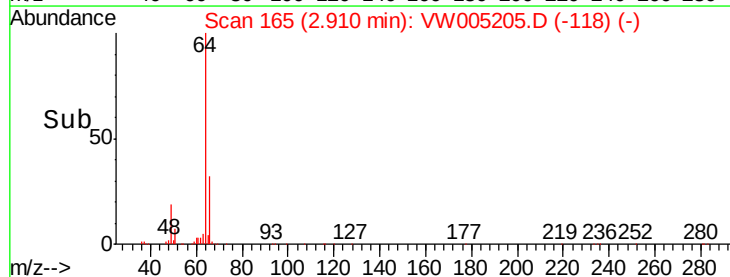
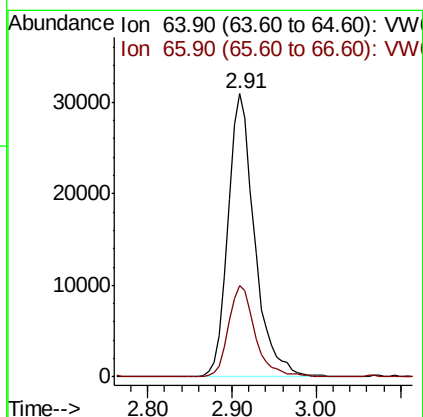
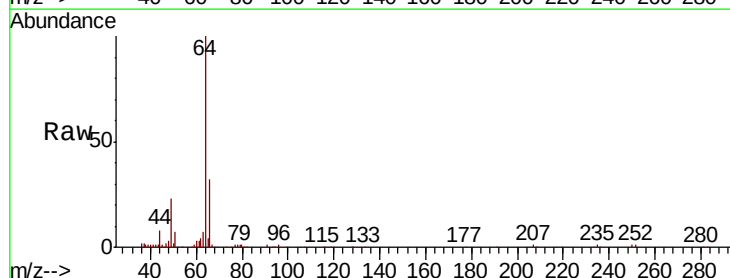
Acq: 07 Sep 2018 13:34

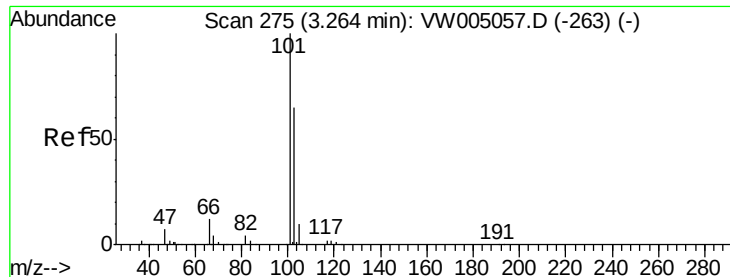
Tgt Ion: 64 Resp: 66510

Ion Ratio Lower Upper

64 100

66 32.2 25.7 38.5





#7

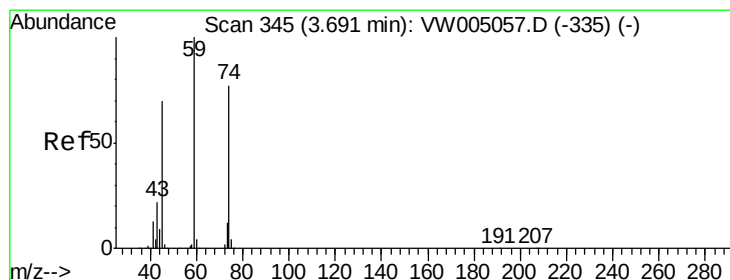
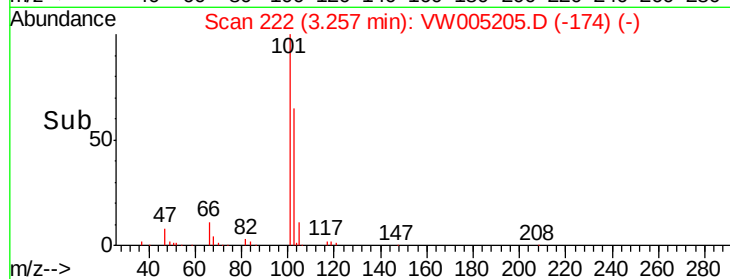
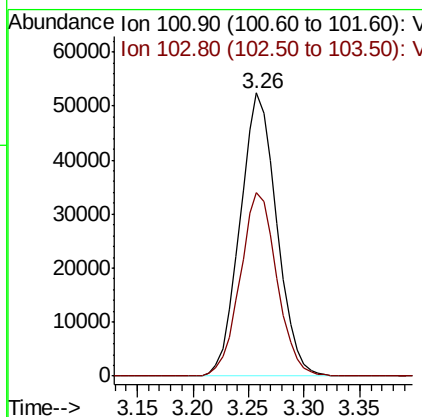
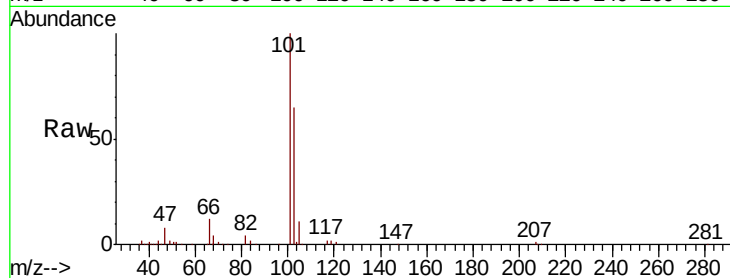
Trichlorofluoromethane
 Concen: 20.38 ug/l
 RT: 3.26 min Scan# 222
 Delta R.T. -0.01 min
 Lab File: VW005205.D
 Acq: 07 Sep 2018 13:34

Instrument :
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 ClientSampleId :
 VW0907SBSD01

Tot Ion	Ratio	Lower	Upper
101	100		
103	64.9	51.9	77.9

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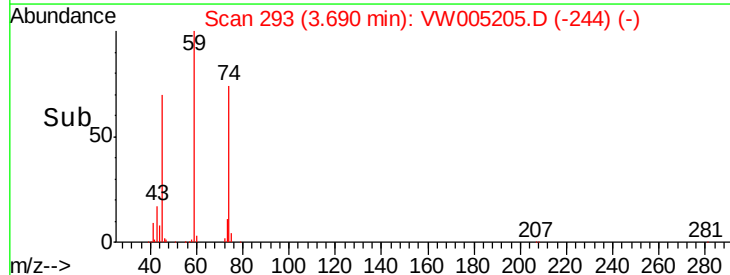
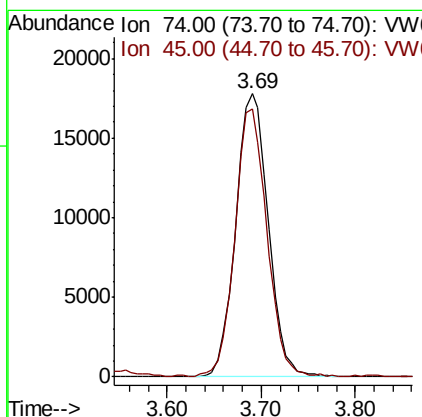
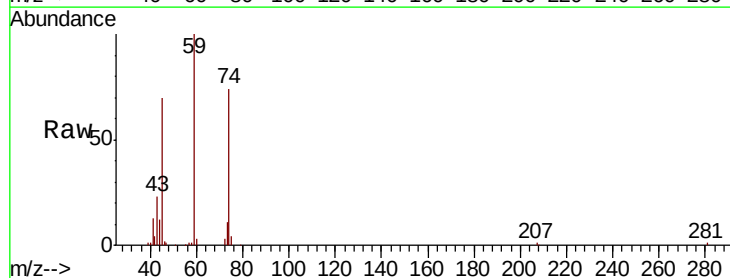
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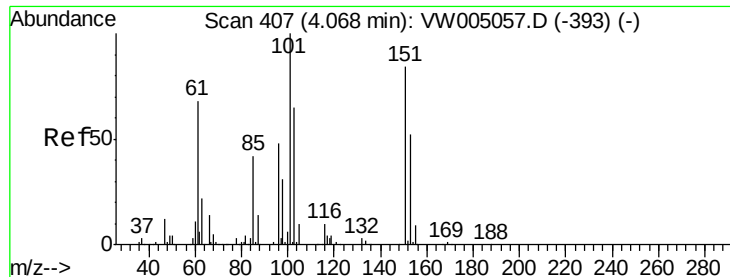


#8

Diethyl Ether
 Concen: 19.98 ug/l
 RT: 3.69 min Scan# 293
 Delta R.T. -0.00 min
 Lab File: VW005205.D
 Acq: 07 Sep 2018 13:34

Tgt Ion	Ratio	Lower	Upper
74	100		
45	93.3	46.0	137.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 20.45 ug/l

RT: 4.07 min Scan# 355

Delta R.T. -0.00 min

Lab File: VW005205.D

Acq: 07 Sep 2018 13:34

Instrument :

MSVOA_W

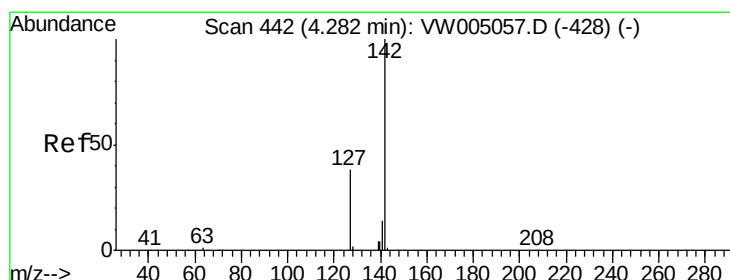
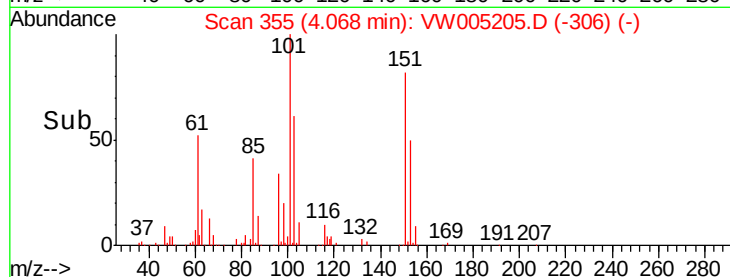
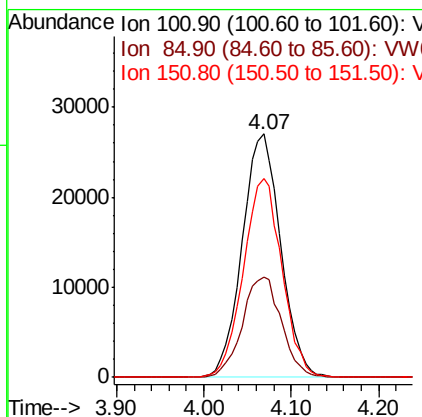
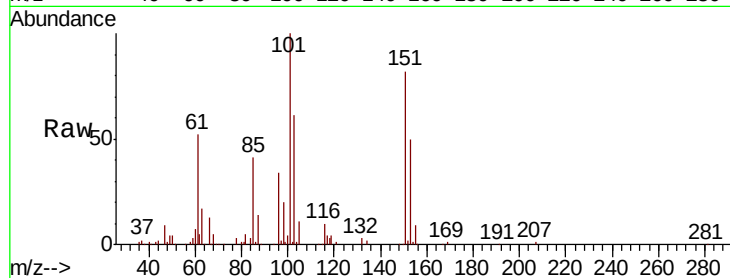
ClientSampleId :

VW0907SBSD01

Tot Ion:	101	Resp:	82841
Ion Ratio	Lower	Upper	
101	100		
85	41.9	33.0	49.6
151	81.7	67.0	100.6

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#10

Methyl Iodide

Concen: 14.32 ug/l

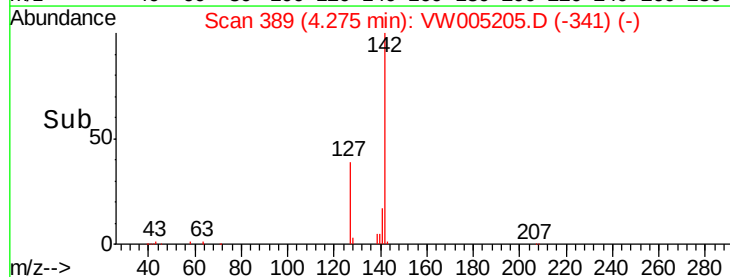
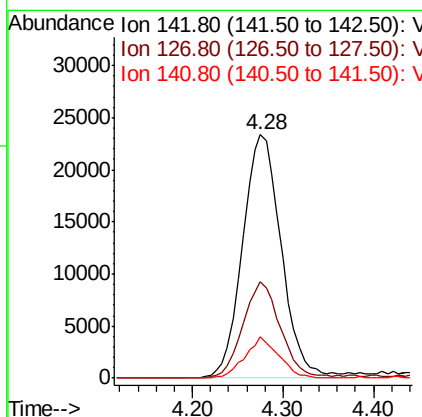
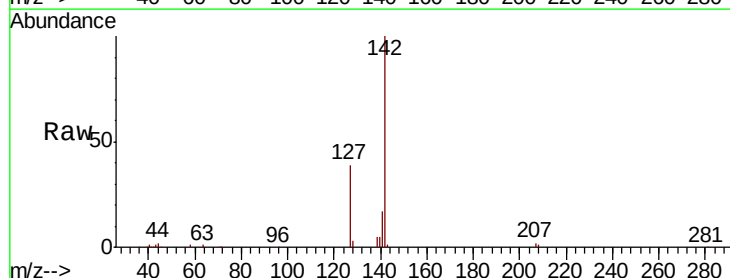
RT: 4.28 min Scan# 389

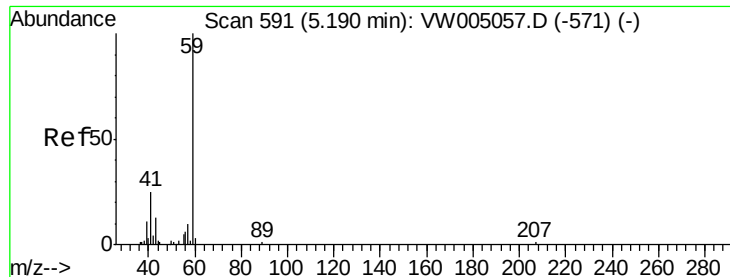
Delta R.T. -0.01 min

Lab File: VW005205.D

Acq: 07 Sep 2018 13:34

Tgt Ion:	142	Resp:	68864
Ion Ratio	Lower	Upper	
142	100		
127	38.5	30.8	46.2
141	14.9	11.6	17.4





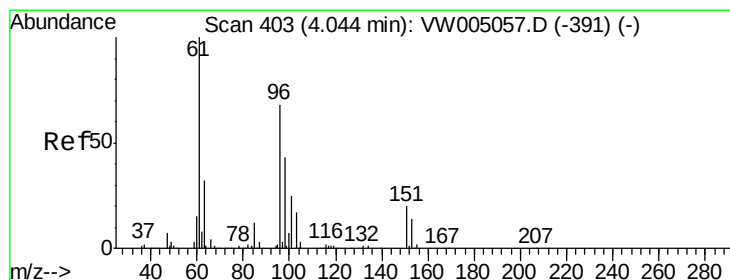
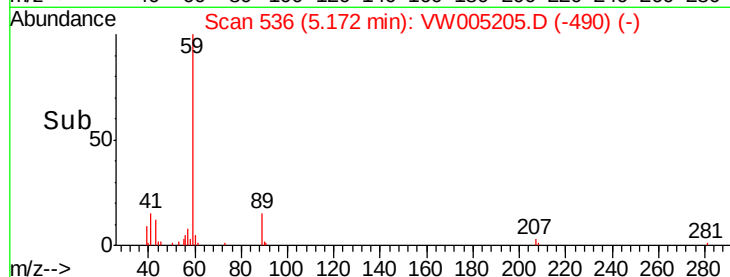
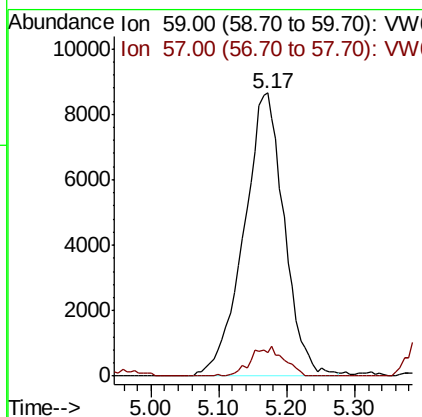
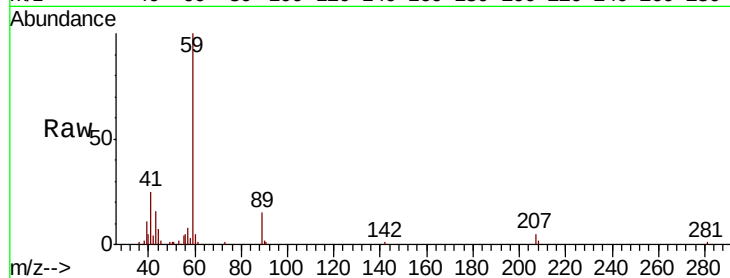
#11
Tert butyl alcohol
Concen: 166.55 ug/l
RT: 5.17 min Scan# 536
Delta R.T. -0.02 min
Lab File: VW005205.D
Acq: 07 Sep 2018 13:34

Instrument :
MSVOA_W
ClientSampleId :
VW0907SBSD01

Tot Ion	Ratio	Lower	Upper
59	100		
57	8.5	8.6	12.8#

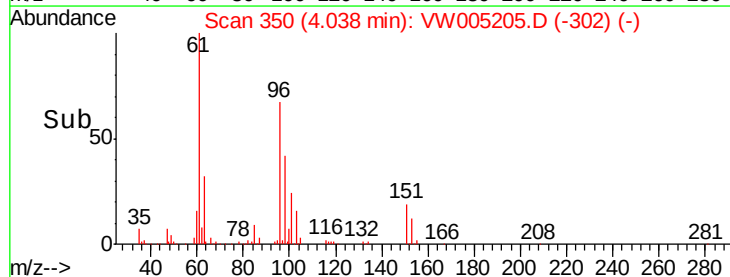
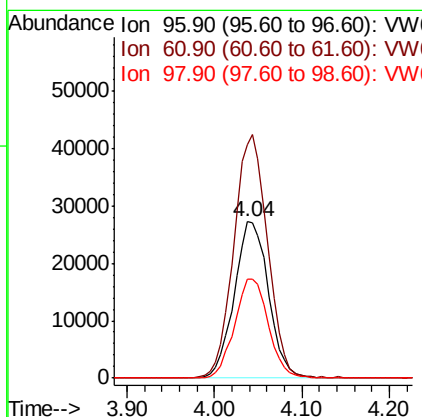
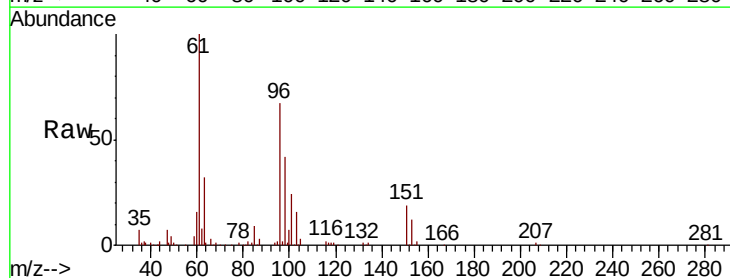
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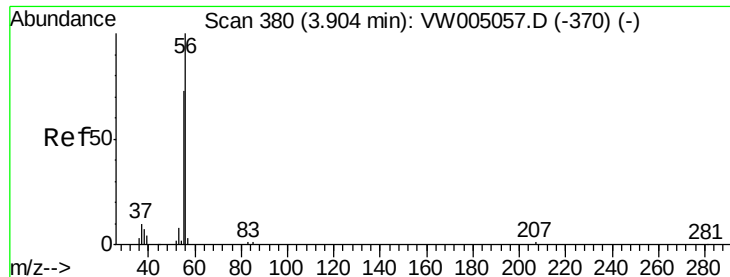
apatel
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#12
1,1-Dichloroethene
Concen: 19.92 ug/l
RT: 4.04 min Scan# 350
Delta R.T. -0.01 min
Lab File: VW005205.D
Acq: 07 Sep 2018 13:34

Tgt Ion	Ratio	Lower	Upper
96	100		
61	149.4	117.4	176.0
98	63.3	51.0	76.4





#13

Acrolein

Concen: 90.42 ug/l

RT: 3.90 min Scan# 328

Delta R.T. -0.00 min

Lab File: VW005205.D

Acq: 07 Sep 2018 13:34

Instrument :

MSVOA_W

ClientSampleId :

VW0907SBSD01

Tot Ion: 56 Resp: 22433

Ion Ratio Lower Upper

56 100

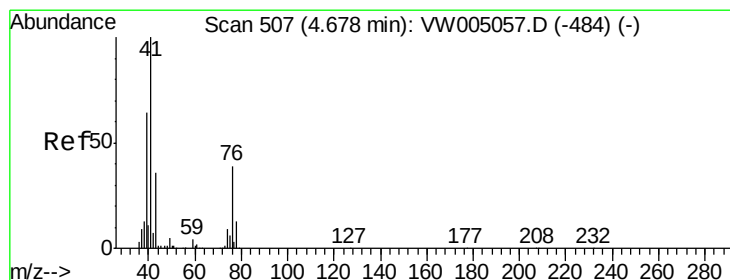
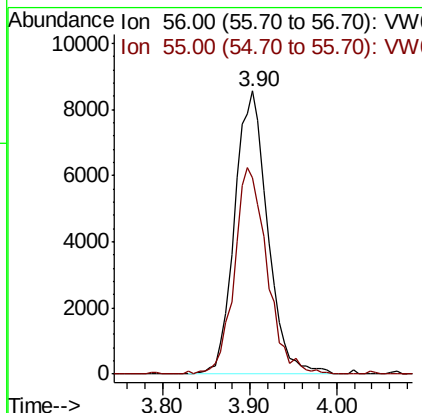
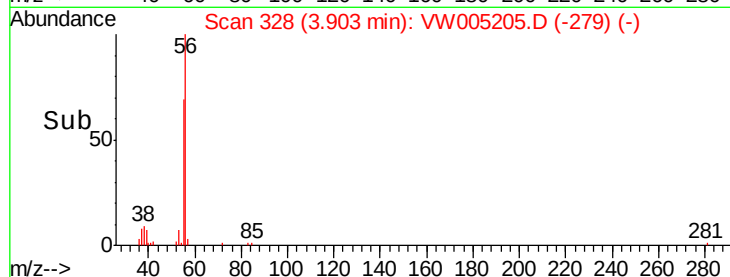
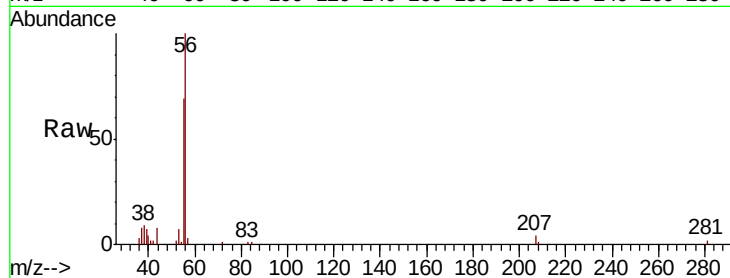
55 72.4 58.1 87.1

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#14

Allyl chloride

Concen: 19.89 ug/l

RT: 4.68 min Scan# 455

Delta R.T. -0.00 min

Lab File: VW005205.D

Acq: 07 Sep 2018 13:34

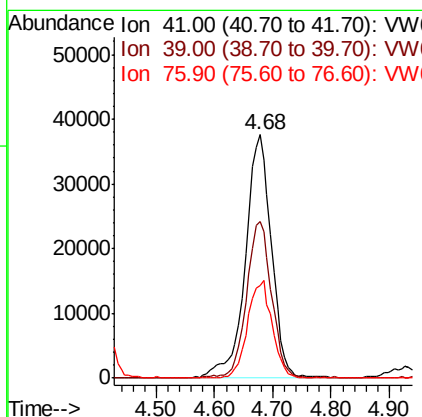
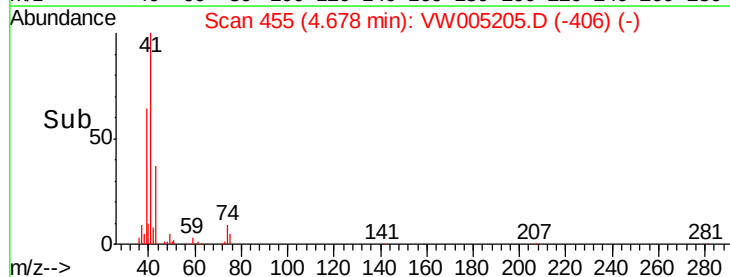
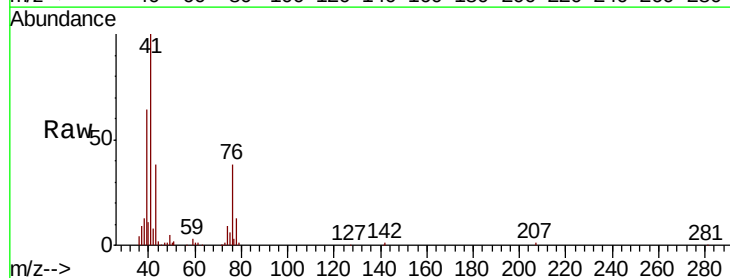
Tgt Ion: 41 Resp: 115920

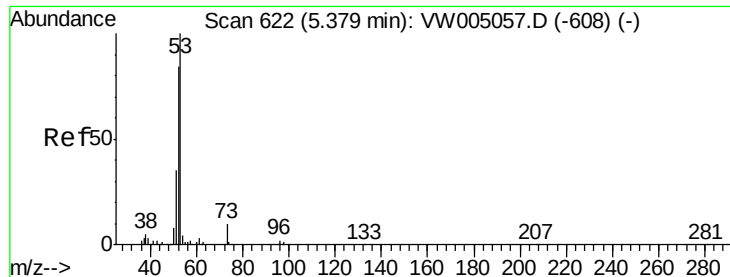
Ion Ratio Lower Upper

41 100

39 62.4 49.4 74.2

76 38.0 31.8 47.6





#15

Acrylonitrile

Concen: 107.32 ug/l

RT: 5.38 min Scan# 570

Delta R.T. -0.00 min

Lab File: VW005205.D

Acq: 07 Sep 2018 13:34

Instrument :

MSVOA_W

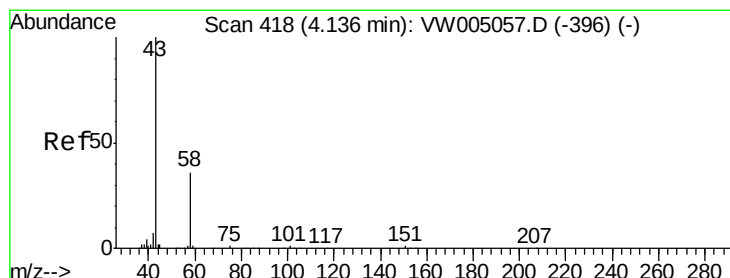
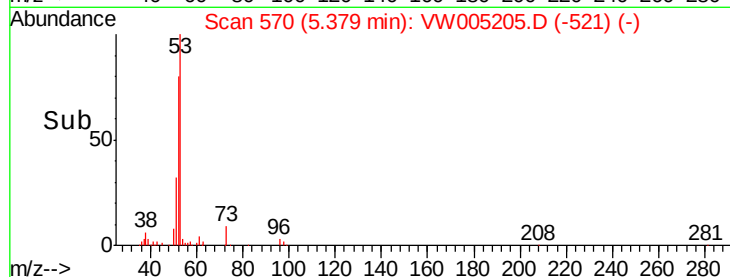
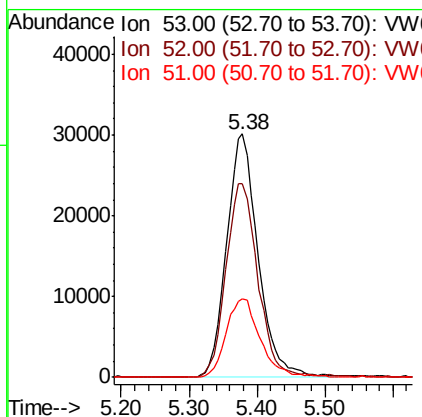
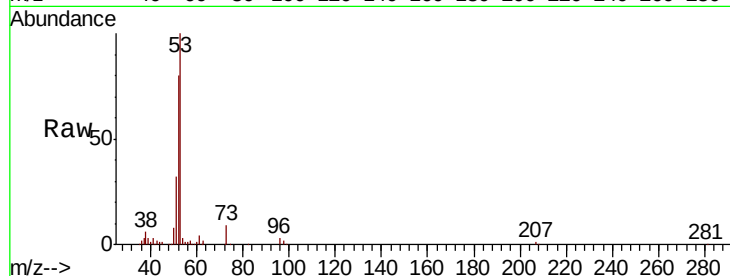
ClientSampleId :

VW0907SBS01

Tot Ion:	53	Resp:	96606
Ion Ratio	Lower	Upper	
53	100		
52	80.6	65.7	98.5
51	34.9	28.8	43.2

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#16

Acetone

Concen: 111.37 ug/l

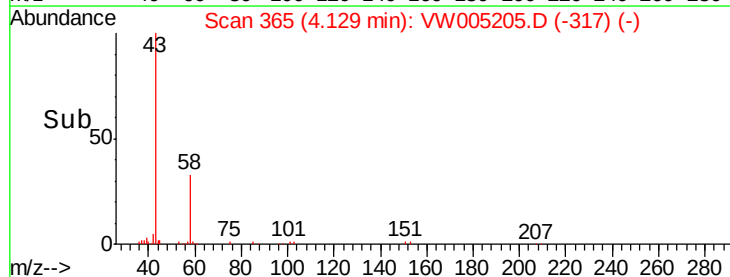
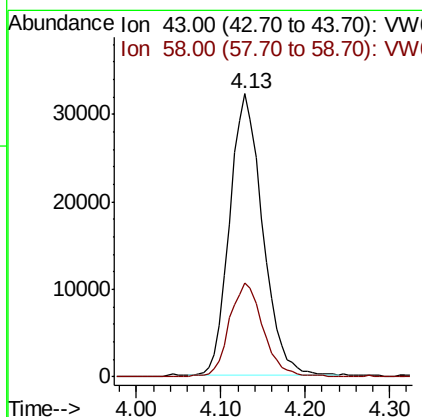
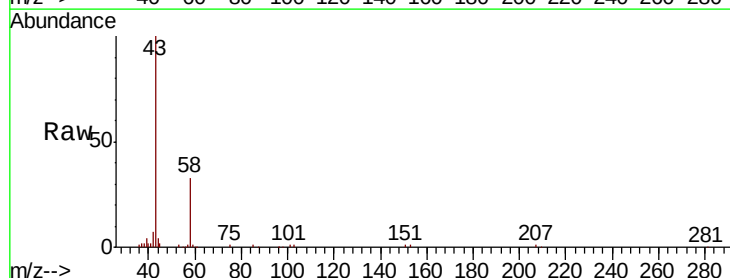
RT: 4.13 min Scan# 365

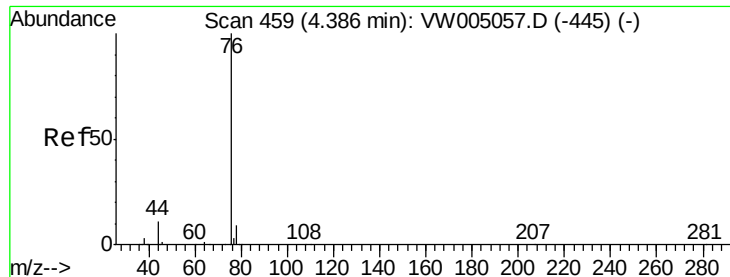
Delta R.T. -0.01 min

Lab File: VW005205.D

Acq: 07 Sep 2018 13:34

Tgt Ion:	43	Resp:	85379
Ion Ratio	Lower	Upper	
43	100		
58	32.9	29.0	43.6





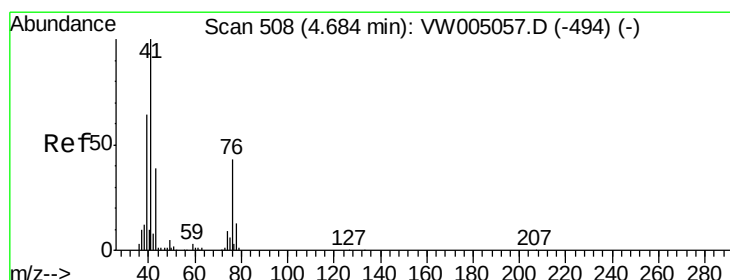
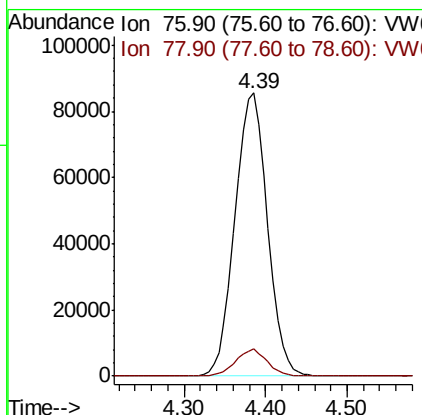
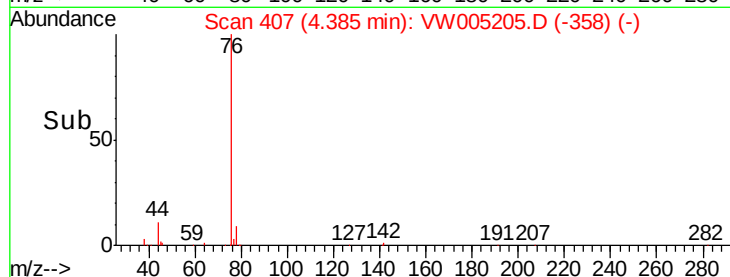
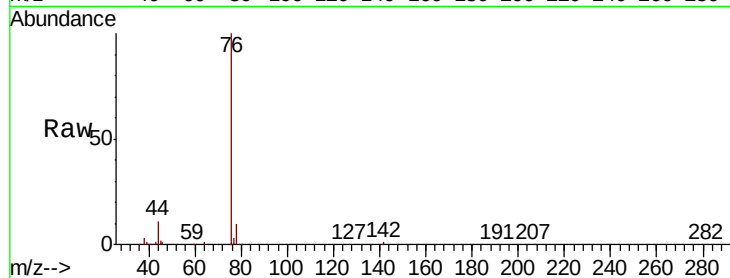
#17
Carbon Disulfide
Concen: 18.20 ug/l
RT: 4.39 min Scan# 407
Delta R.T. -0.00 min
Lab File: VW005205.D
Acq: 07 Sep 2018 13:34

Instrument :
MSVOA_W
ClientSampleId :
VW0907SBSD01

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.6	7.3	10.9

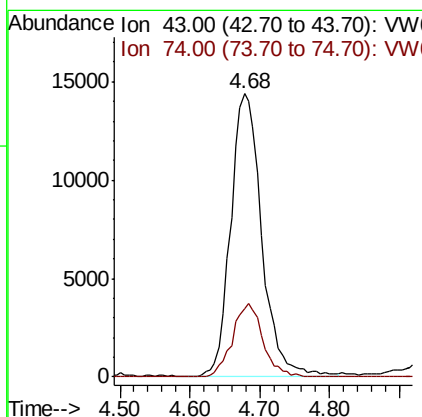
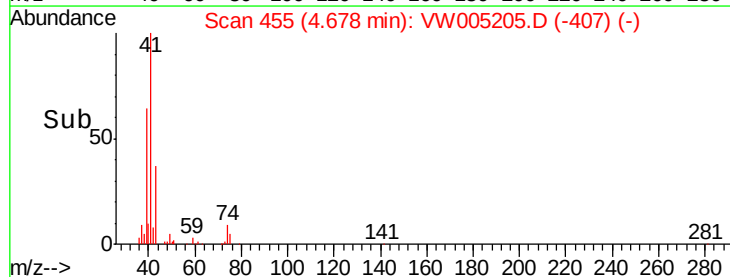
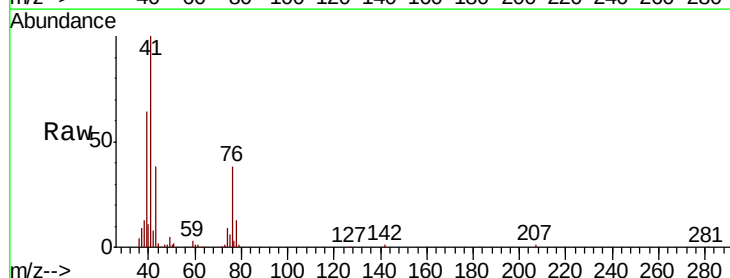
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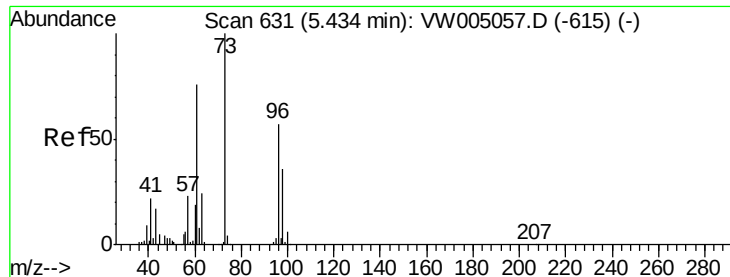
apatel
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#18
Methyl Acetate
Concen: 19.80 ug/l
RT: 4.68 min Scan# 455
Delta R.T. -0.01 min
Lab File: VW005205.D
Acq: 07 Sep 2018 13:34

Tgt Ion	Ratio	Lower	Upper
43	100		
74	25.2	20.7	31.1





#19

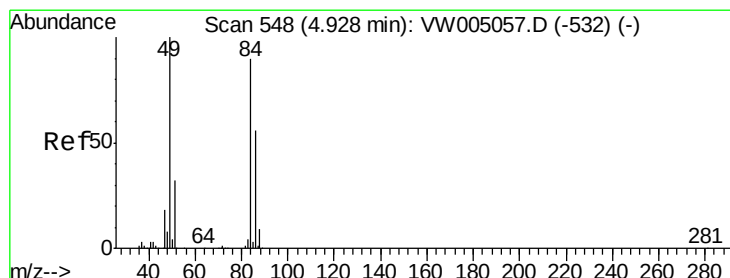
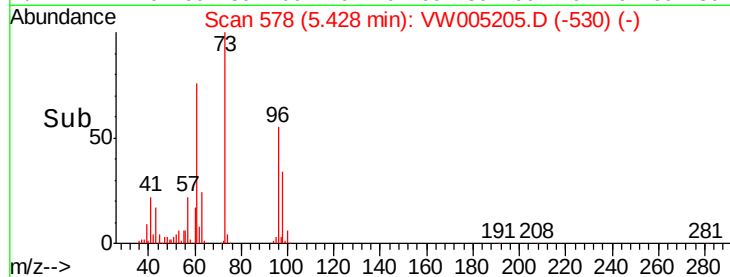
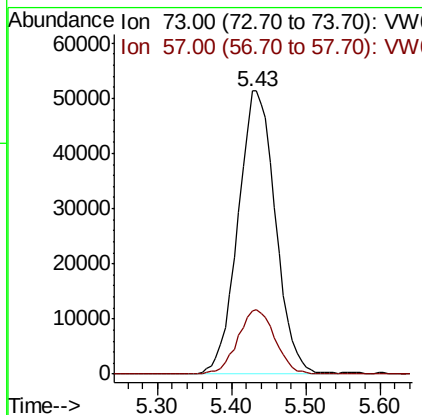
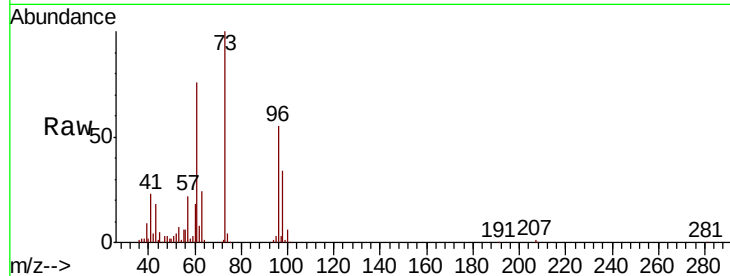
Methyl tert-butyl Ether
 Concen: 19.97 ug/l
 RT: 5.43 min Scan# 578
 Delta R.T. -0.01 min
 Lab File: VW005205.D
 Acq: 07 Sep 2018 13:34

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0907SBS01

Tot Ion	Ratio	Lower	Upper
73	100		
57	22.3	18.1	27.1

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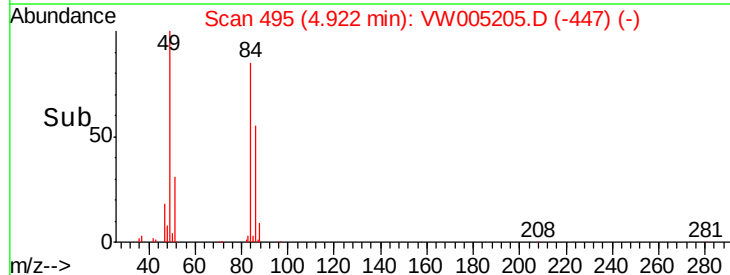
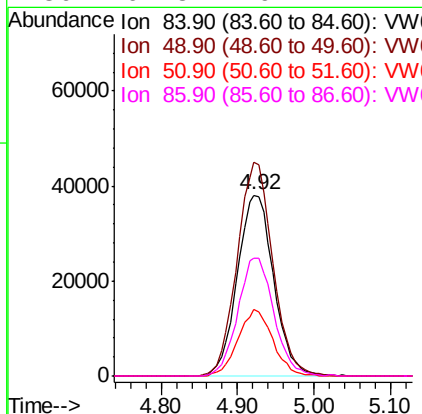
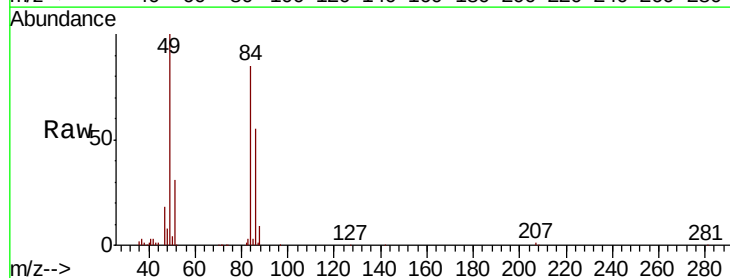
apatel
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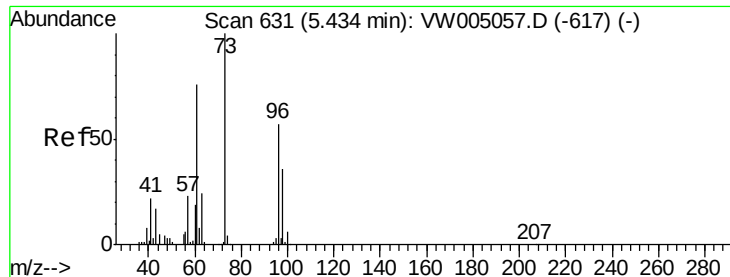


#20

Methylene Chloride
 Concen: 22.07 ug/l
 RT: 4.92 min Scan# 495
 Delta R.T. -0.01 min
 Lab File: VW005205.D
 Acq: 07 Sep 2018 13:34

Tgt Ion	Ratio	Lower	Upper
84	100		
49	118.1	88.7	133.1
51	36.5	28.6	42.8
86	64.8	49.4	74.2





#21

trans-1,2-Dichloroethene

Concen: 19.00 ug/l

RT: 5.43 min Scan# 578

Delta R.T. -0.01 min

Lab File: VW005205.D

Acq: 07 Sep 2018 13:34

Instrument :

MSVOA_W

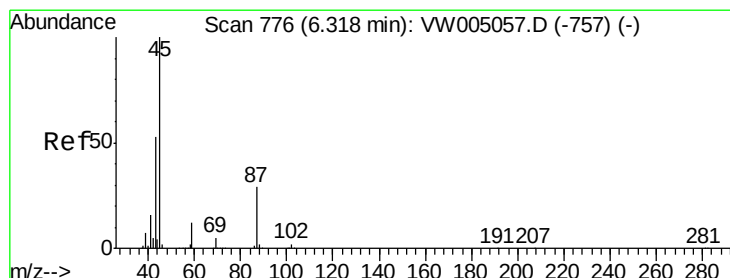
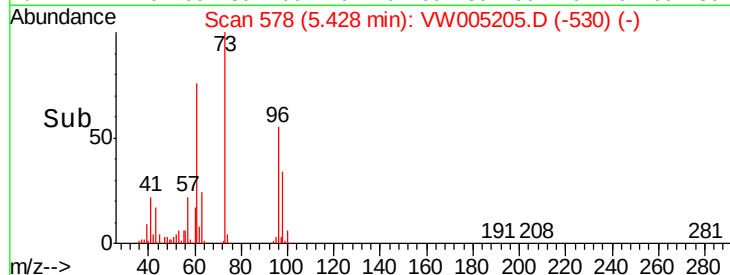
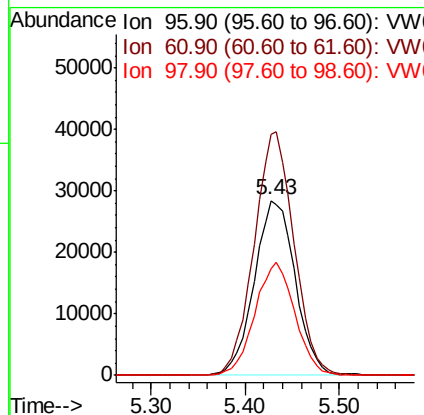
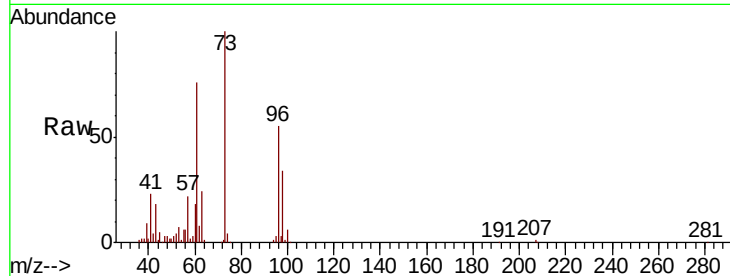
ClientSampleId :

VW0907SBSD01

Tot Ion:	96	Resp:	86320
Ion	Ratio	Lower	Upper
96	100		
61	137.8	106.3	159.5
98	60.9	50.9	76.3

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#22

Diisopropyl ether

Concen: 20.71 ug/l

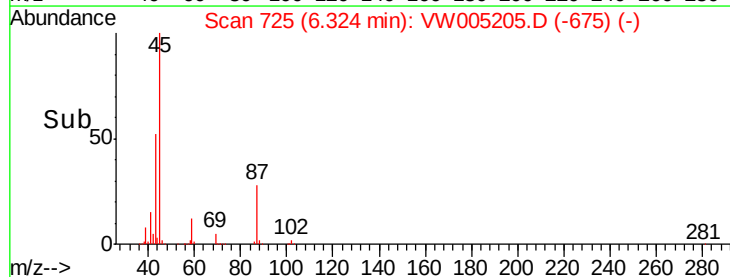
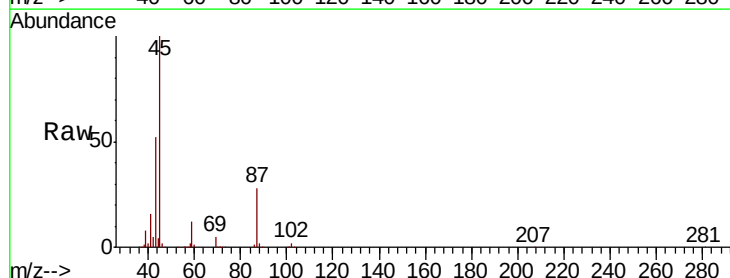
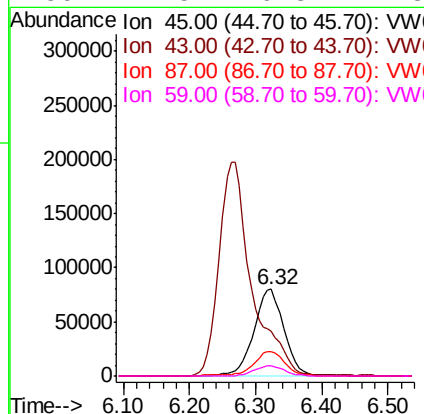
RT: 6.32 min Scan# 725

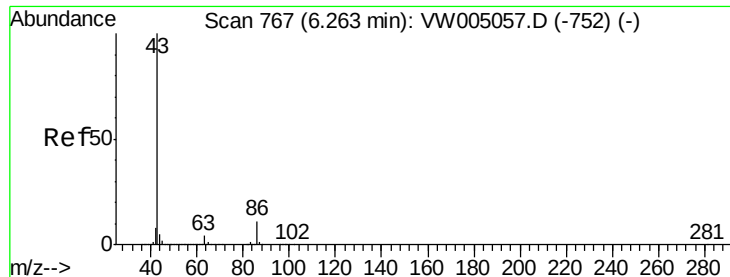
Delta R.T. 0.01 min

Lab File: VW005205.D

Acq: 07 Sep 2018 13:34

Tgt Ion:	45	Resp:	254062
Ion	Ratio	Lower	Upper
45	100		
43	51.4	42.6	63.8
87	28.2	23.6	35.4
59	11.5	9.8	14.8





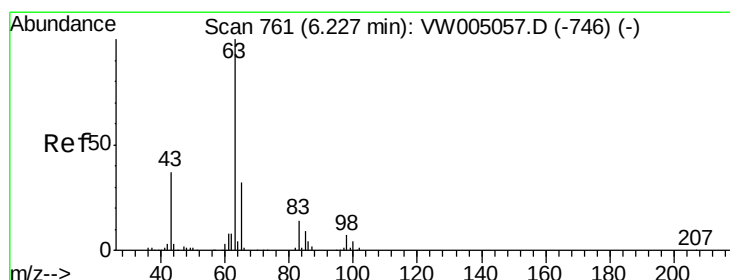
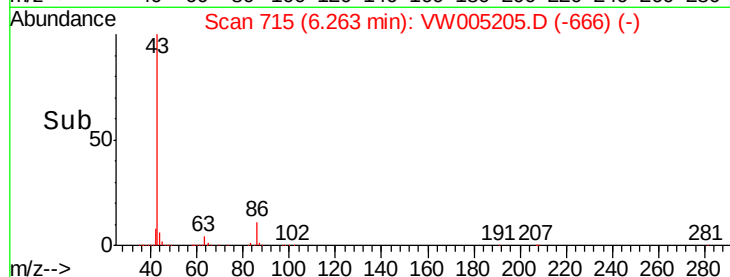
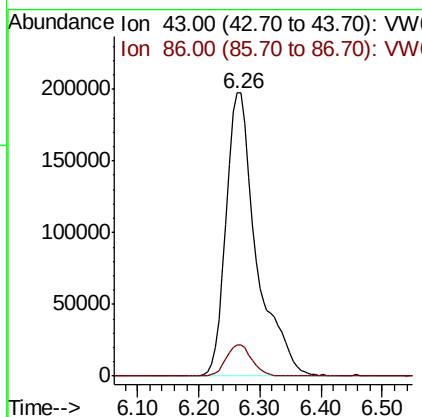
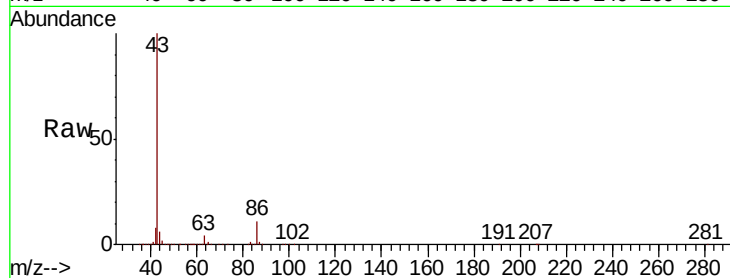
#23
 Vinyl Acetate
 Concen: 105.17 ug/l
 RT: 6.26 min Scan# 715
 Delta R.T. -0.00 min
 Lab File: VW005205.D
 Acq: 07 Sep 2018 13:34

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0907SBSD01

Tot Ion	Ratio	Lower	Upper
43	100		
86	10.8	9.0	13.4

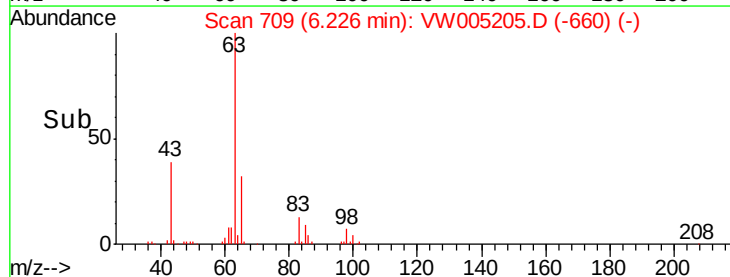
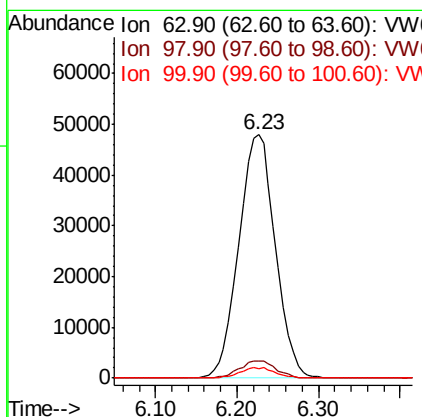
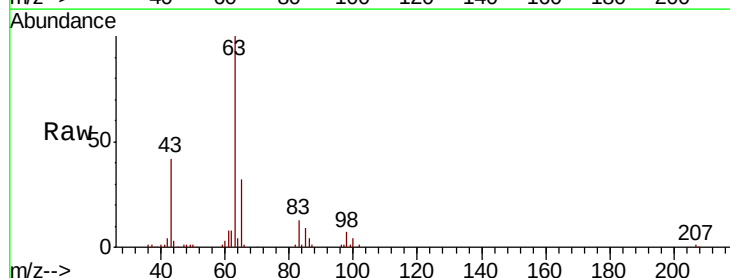
Manual Integrations
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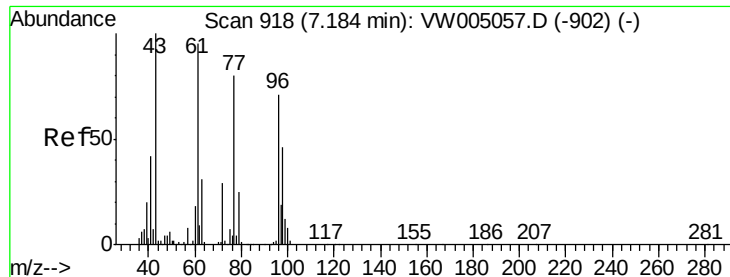
apatel
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#24
 1,1-Dichloroethane
 Concen: 19.42 ug/l
 RT: 6.23 min Scan# 709
 Delta R.T. -0.00 min
 Lab File: VW005205.D
 Acq: 07 Sep 2018 13:34

Tgt Ion	Ratio	Lower	Upper
63	100		
98	6.9	3.6	10.8
100	3.9	2.2	6.6





#25

2-Butanone

Concen: 105.86 ug/l

RT: 7.18 min Scan# 865

Delta R.T. -0.01 min

Lab File: VW005205.D

Acq: 07 Sep 2018 13:34

Instrument :

MSVOA_W

ClientSampleId :

VW0907SBS01

Tot Ion: 43 Resp: 140759

Ion Ratio Lower Upper

43 100

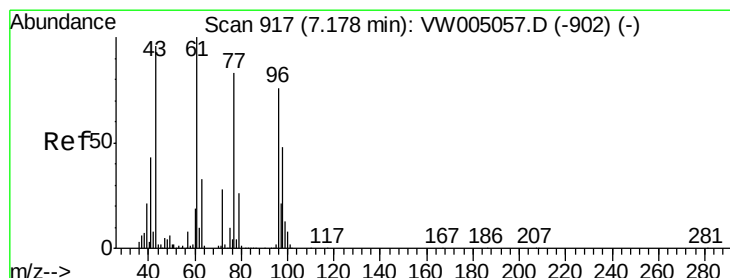
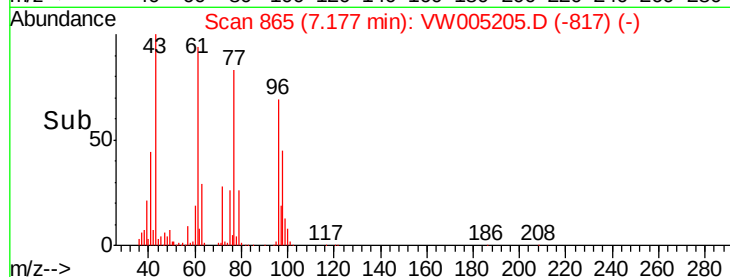
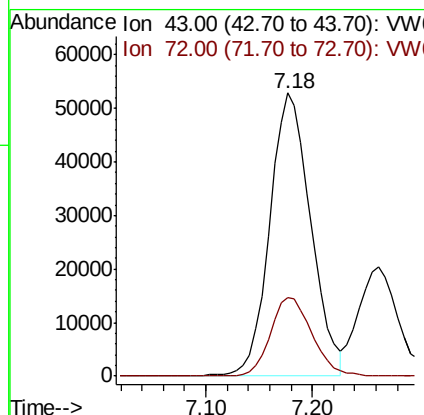
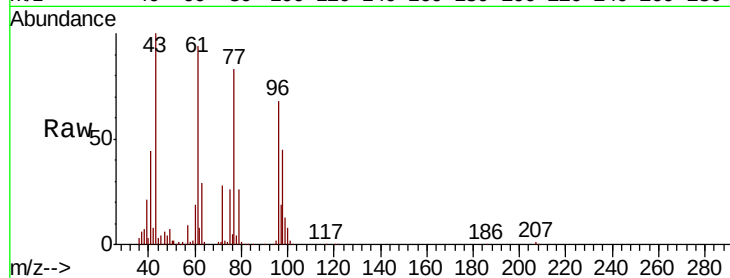
72 28.0 23.1 34.7

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#26

2,2-Dichloropropane

Concen: 20.98 ug/l

RT: 7.18 min Scan# 865

Delta R.T. -0.00 min

Lab File: VW005205.D

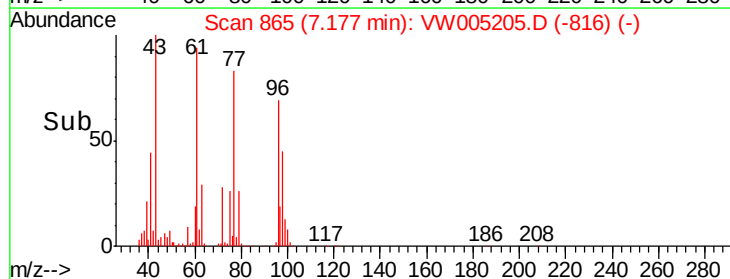
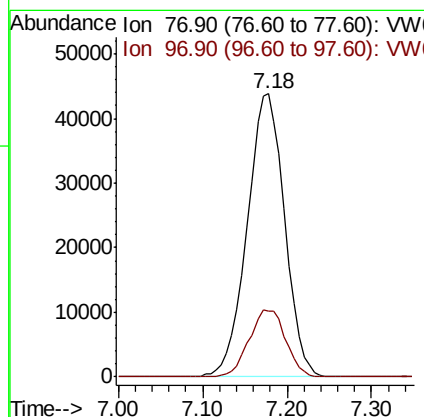
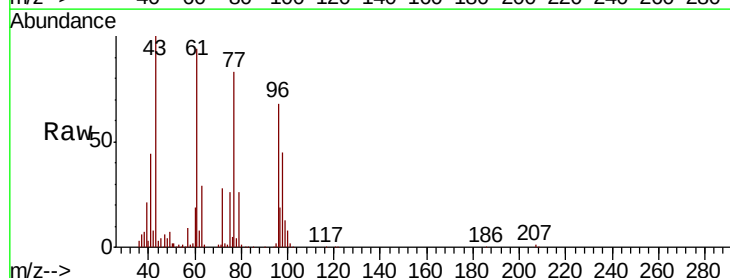
Acq: 07 Sep 2018 13:34

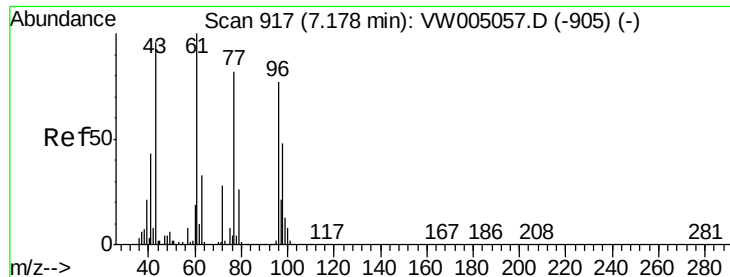
Tgt Ion: 77 Resp: 132158

Ion Ratio Lower Upper

77 100

97 23.2 12.2 36.6





#27

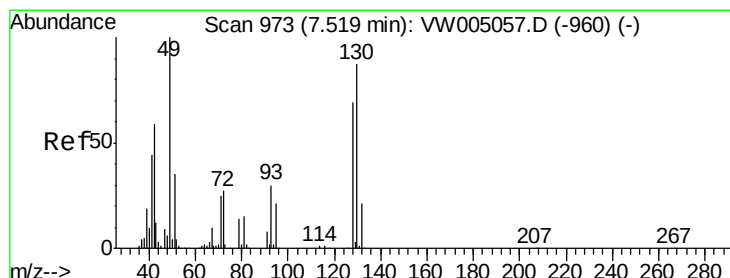
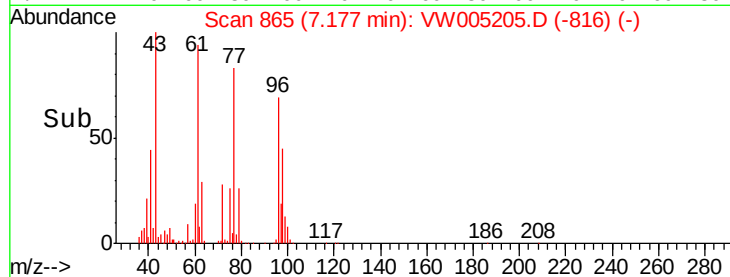
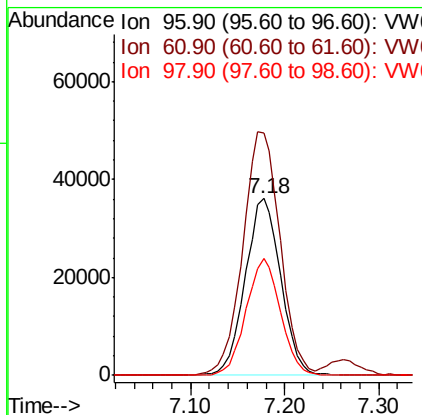
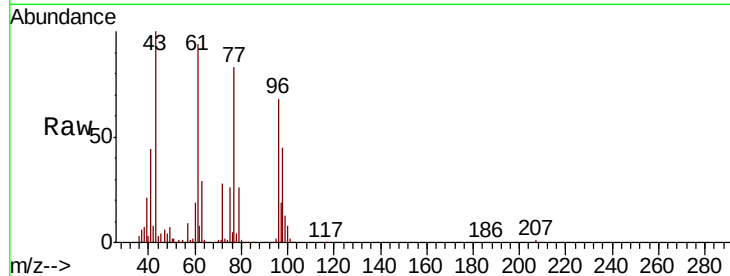
cis-1,2-Dichloroethene
Concen: 19.22 ug/l
RT: 7.18 min Scan# 865
Delta R.T. -0.00 min
Lab File: VW005205.D
Acq: 07 Sep 2018 13:34

Instrument :
MSVOA_W
ClientSampleId :
VW0907SBS01

Tot Ion	Ratio	Lower	Upper
96	100		
61	144.6	0.0	273.2
98	63.8	0.0	127.8

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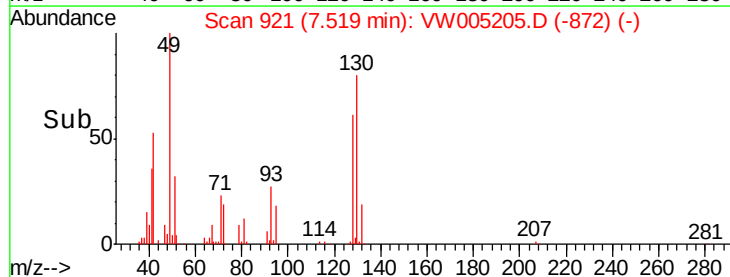
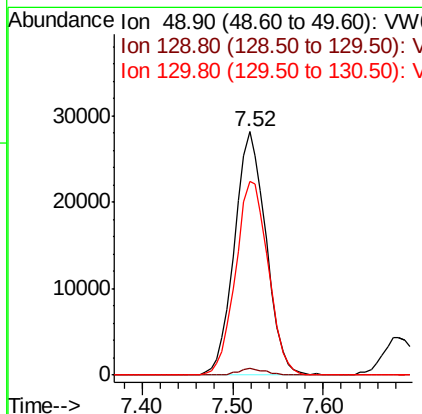
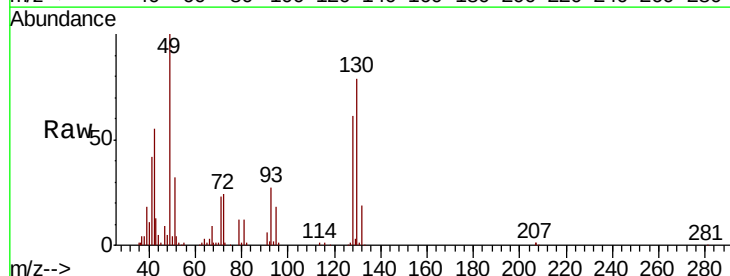
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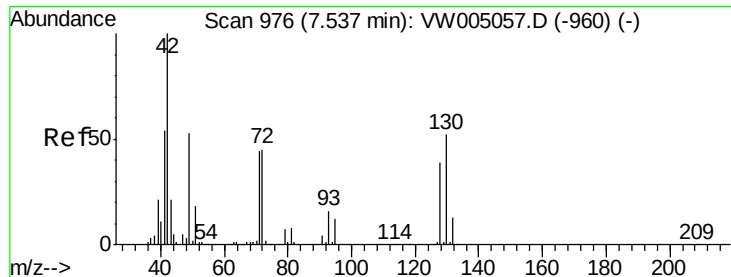


#28

Bromochloromethane
Concen: 22.03 ug/l
RT: 7.52 min Scan# 921
Delta R.T. -0.00 min
Lab File: VW005205.D
Acq: 07 Sep 2018 13:34

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.4	0.0	4.4
130	82.1	69.6	104.4





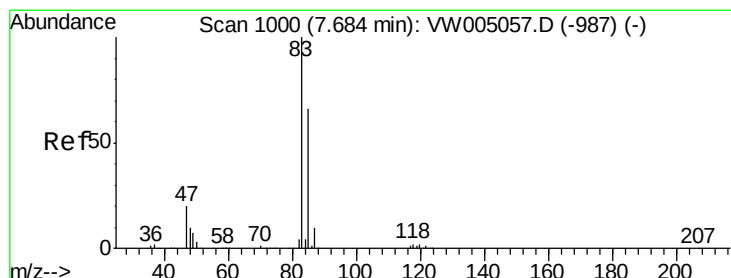
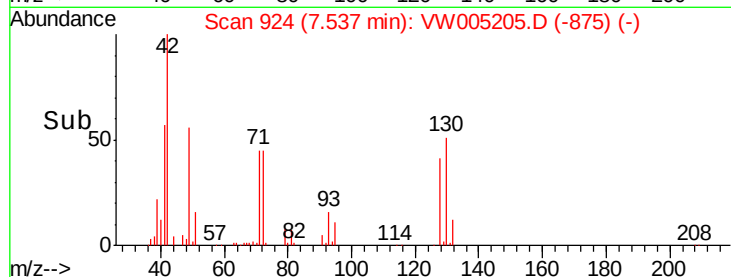
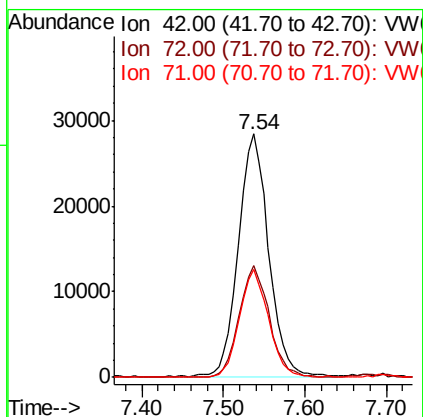
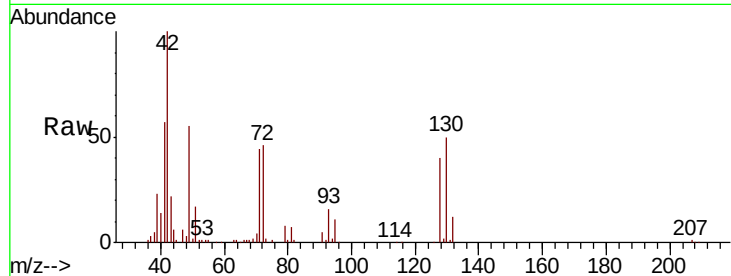
#29
Tetrahydrofuran
Concen: 107.40 ug/l
RT: 7.54 min Scan# 924
Delta R.T. -0.00 min
Lab File: VW005205.D
Acq: 07 Sep 2018 13:34

Instrument :
MSVOA_W
ClientSampled :
VW0907SBSD01

Tot Ion	Ratio	Lower	Upper
42	100		
72	45.6	37.0	55.4
71	42.5	35.0	52.6

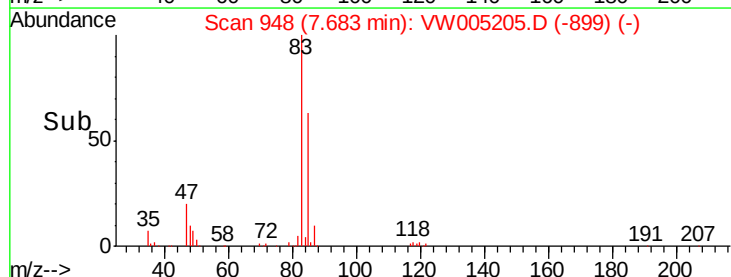
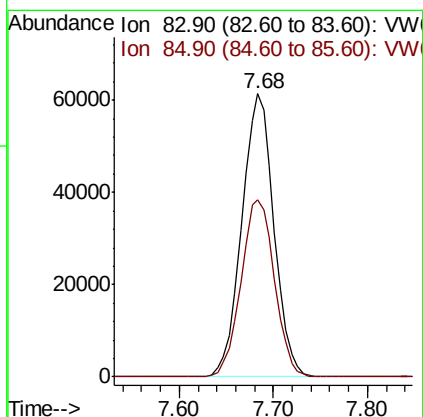
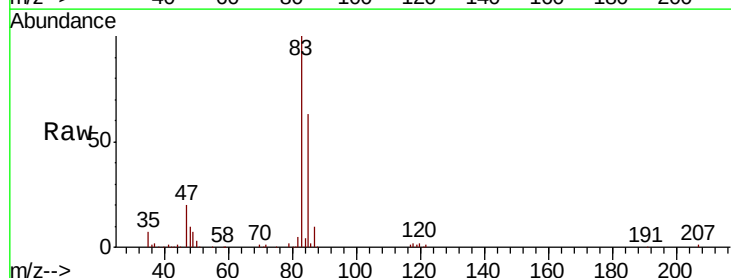
Manual Integrations
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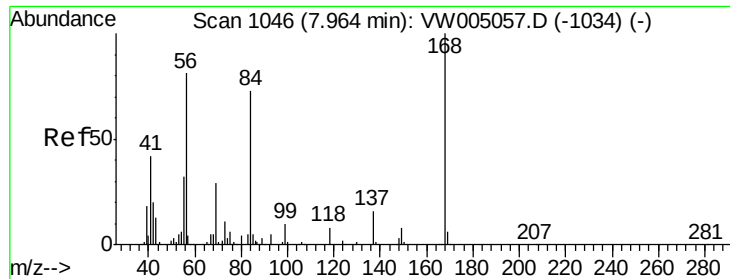
apatel
9/10/2018 10:50:49 AM



#30
Chloroform
Concen: 18.68 ug/l
RT: 7.68 min Scan# 948
Delta R.T. -0.00 min
Lab File: VW005205.D
Acq: 07 Sep 2018 13:34

Tgt Ion	Ratio	Lower	Upper
83	100		
85	62.8	53.1	79.7





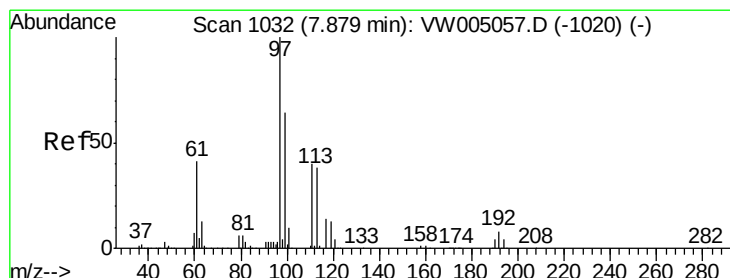
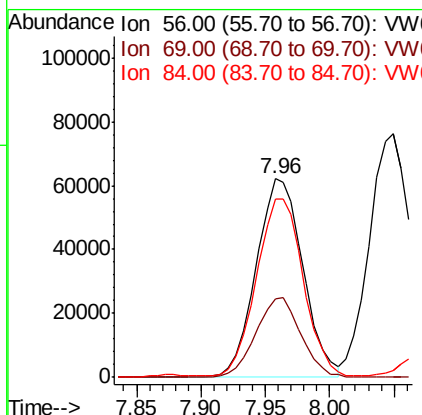
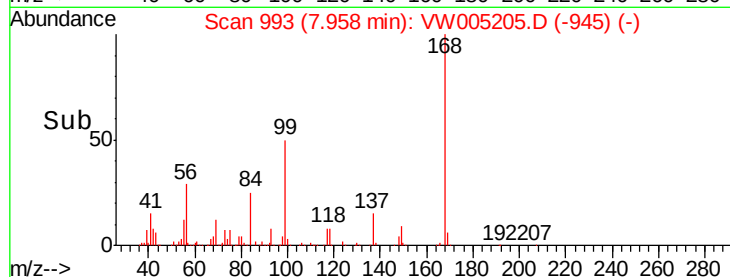
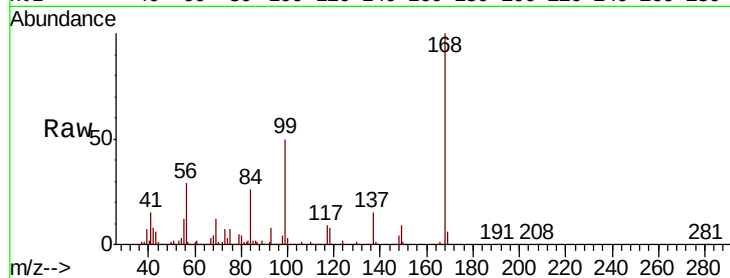
#31
Cyclohexane
Concen: 20.84 ug/l
RT: 7.96 min Scan# 993
Delta R.T. -0.01 min
Lab File: VW005205.D
Acq: 07 Sep 2018 13:34

Instrument :
MSVOA_W
ClientSampleId :
VW0907SBSD01

Tot Ion	Ratio	Lower	Upper
56	100		
69	39.8	28.2	42.2
84	88.5	71.8	107.8

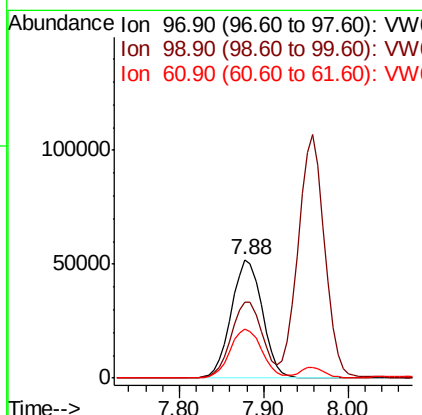
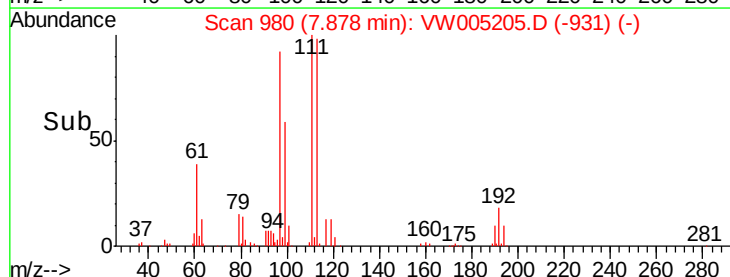
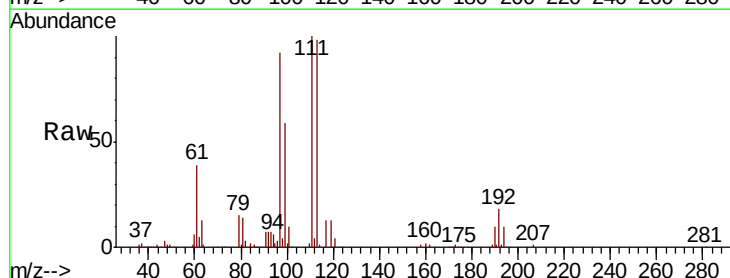
Manual Integrations
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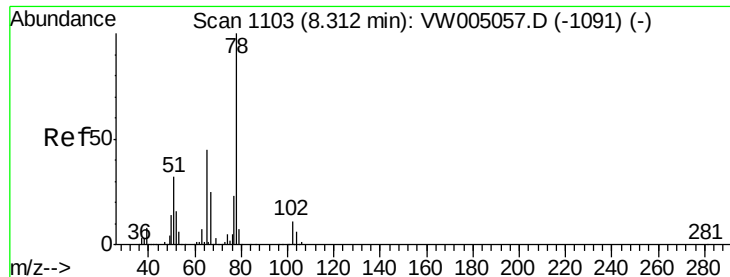
apatel
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#32
1,1,1-Trichloroethane
Concen: 19.07 ug/l
RT: 7.88 min Scan# 980
Delta R.T. -0.00 min
Lab File: VW005205.D
Acq: 07 Sep 2018 13:34

Tgt Ion	Ratio	Lower	Upper
97	100		
99	64.5	51.8	77.8
61	42.7	33.2	49.8





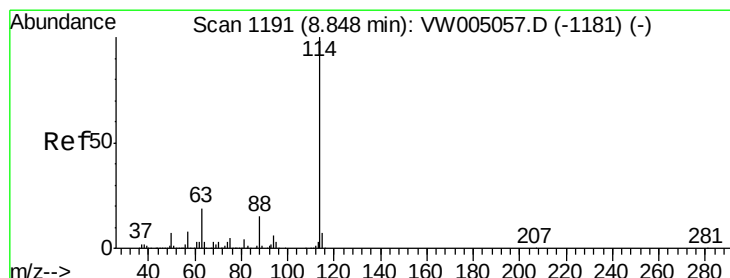
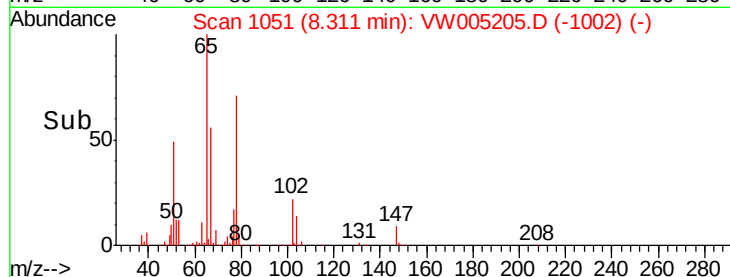
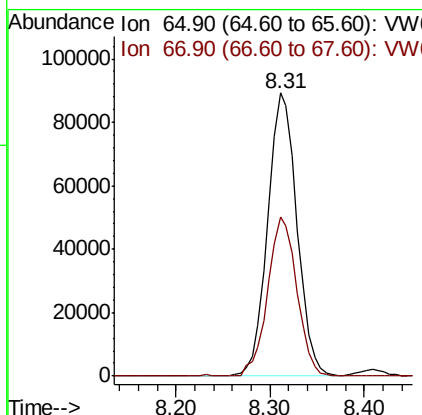
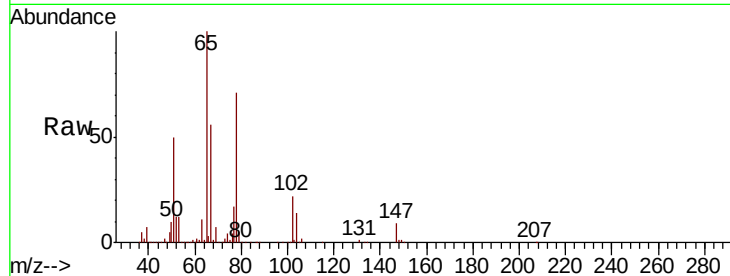
#33
 1,2-Dichloroethane-d4
 Concen: 50.70 ug/l
 RT: 8.31 min Scan# 1051
 Delta R.T. -0.00 min
 Lab File: VW005205.D
 Acq: 07 Sep 2018 13:34

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0907SBSD01

Tot Ion	Ratio	Resp	Lower	Upper
65	100	193794		
67	56.2	0.0	109.4	

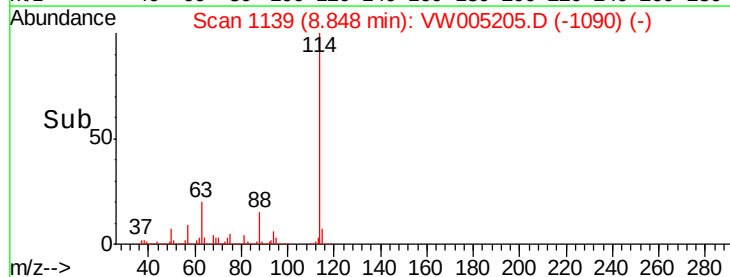
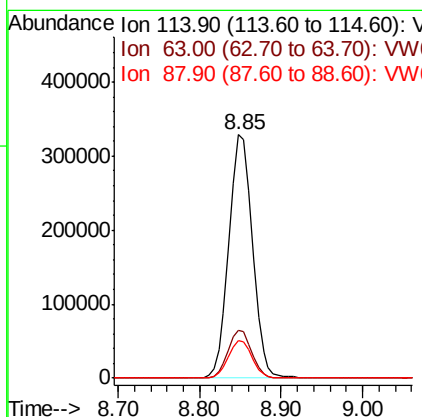
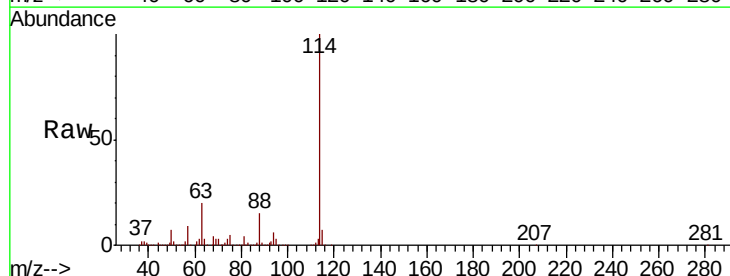
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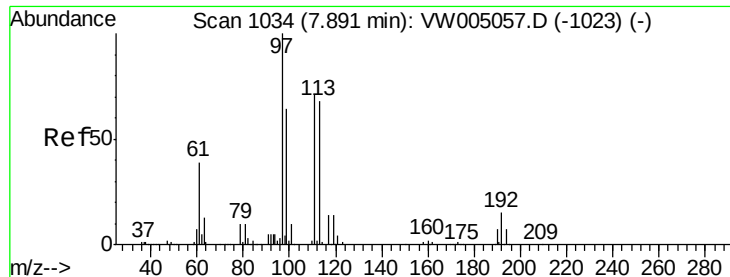
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#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.85 min Scan# 1139
 Delta R.T. -0.00 min
 Lab File: VW005205.D
 Acq: 07 Sep 2018 13:34

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	657358		
63	19.7	0.0	38.0	
88	15.4	0.0	30.2	





#35

Dibromofluoromethane

Concen: 50.07 ug/l

RT: 7.89 min Scan# 982

Delta R.T. -0.00 min

Lab File: VW005205.D

Acq: 07 Sep 2018 13:34

Instrument :

MSVOA_W

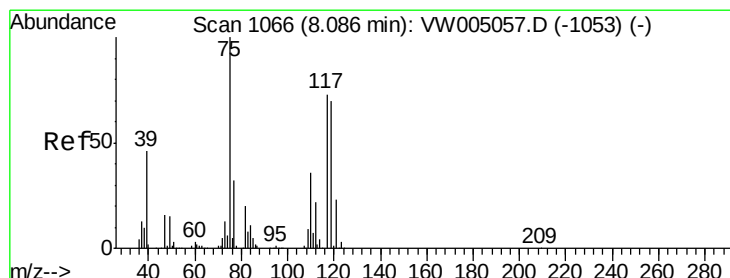
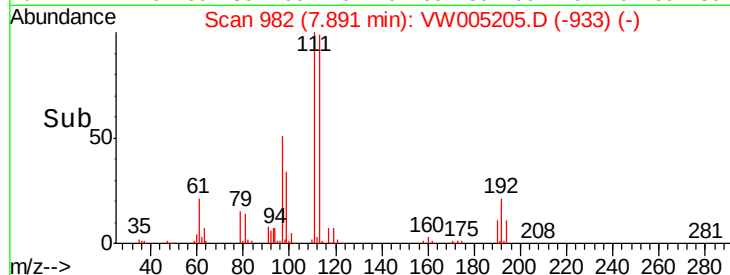
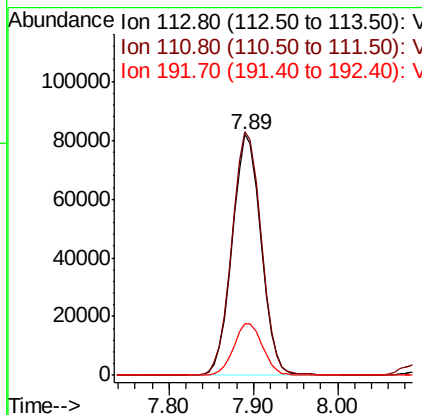
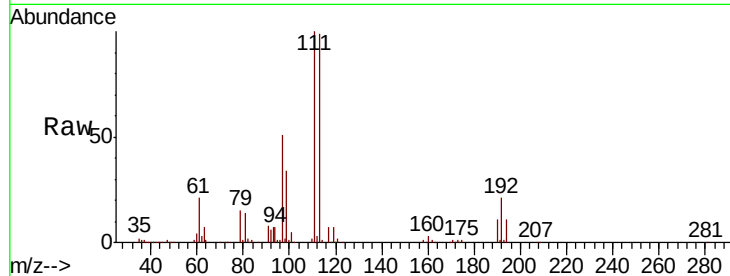
ClientSampleId :

VW0907SBSD01

Tot Ion:	113	Resp:	190186
Ion Ratio	Lower	Upper	
113	100		
111	102.9	82.2	123.2
192	21.6	18.1	27.1

Manual Integrations
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#36

1,1-Dichloropropene

Concen: 20.04 ug/l

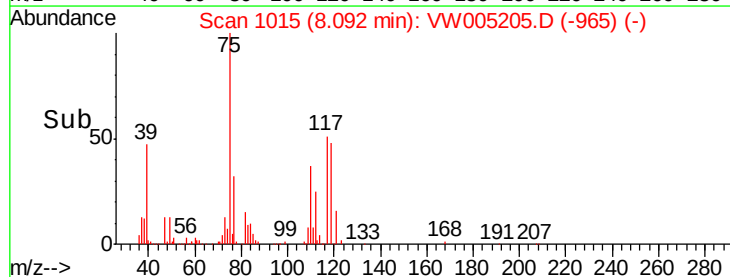
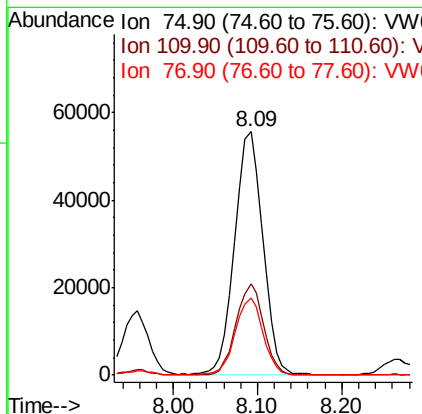
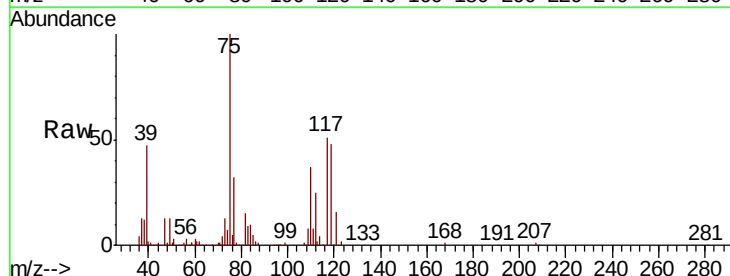
RT: 8.09 min Scan# 1015

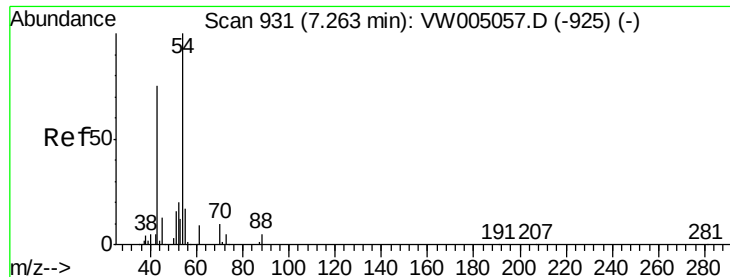
Delta R.T. 0.01 min

Lab File: VW005205.D

Acq: 07 Sep 2018 13:34

Tgt Ion:	75	Resp:	125471
Ion Ratio	Lower	Upper	
75	100		
110	36.6	18.9	56.7
77	31.4	25.5	38.3





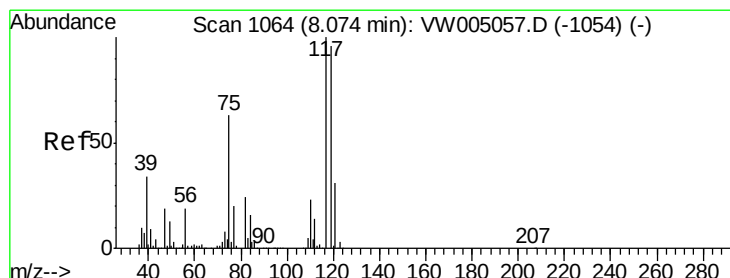
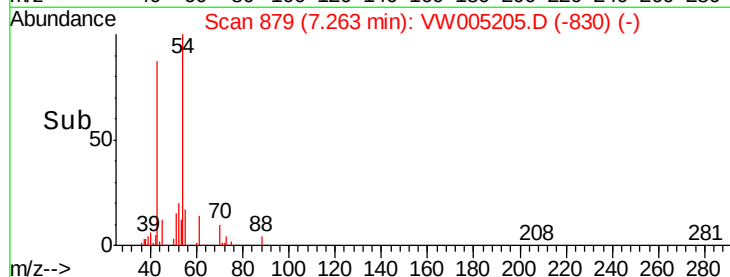
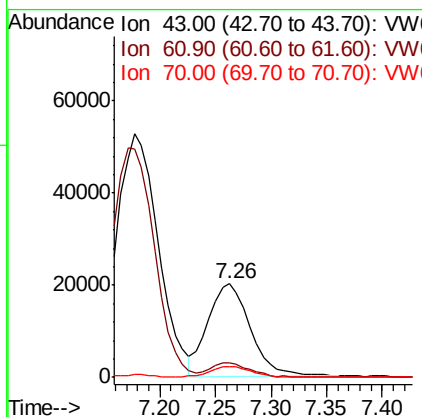
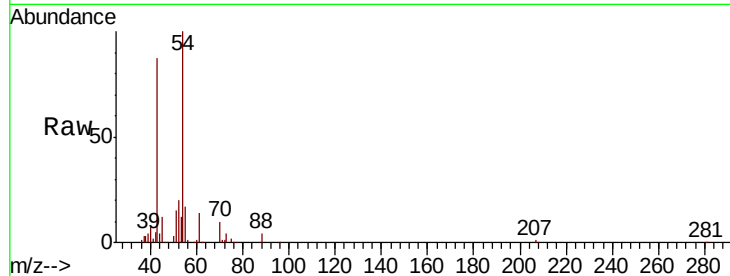
#37
Ethyl Acetate
Concen: 22.90 ug/l
RT: 7.26 min Scan# 879
Delta R.T. -0.00 min
Lab File: VW005205.D
Acq: 07 Sep 2018 13:34

Instrument :
MSVOA_W
ClientSampleId :
VW0907SBSD01

Tot Ion	43	Resp	53611
Ion Ratio	Lower	Upper	
43	100		
61	14.9	12.1	18.1
70	11.5	9.4	14.2

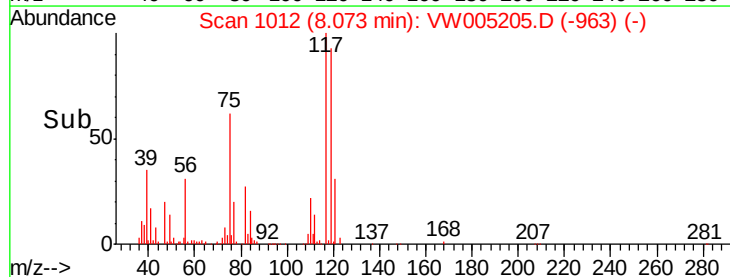
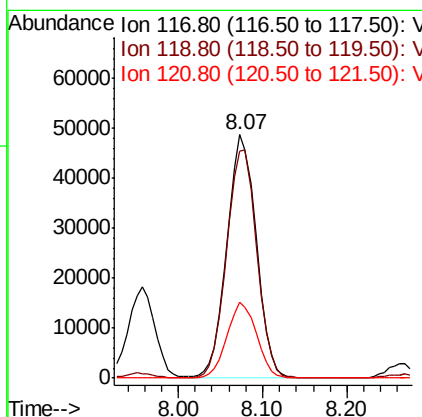
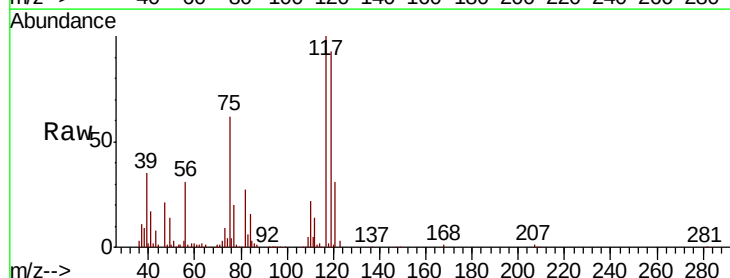
Manual Integrations
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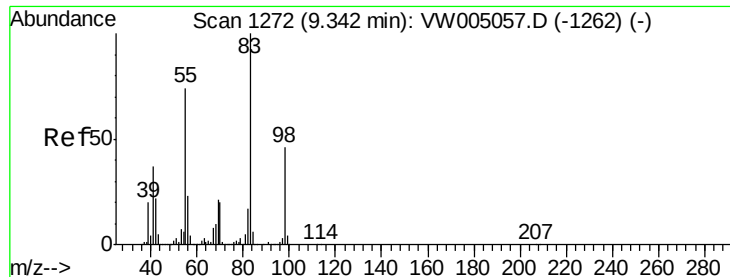
apatel
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#38
Carbon Tetrachloride
Concen: 19.40 ug/l
RT: 8.07 min Scan# 1012
Delta R.T. -0.00 min
Lab File: VW005205.D
Acq: 07 Sep 2018 13:34

Tgt Ion	117	Resp	115480
Ion Ratio	Lower	Upper	
117	100		
119	93.3	76.6	115.0
121	31.4	24.8	37.2





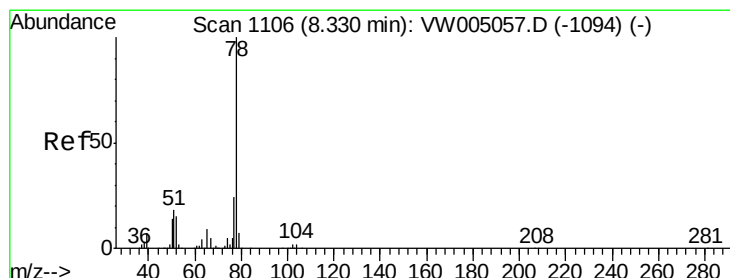
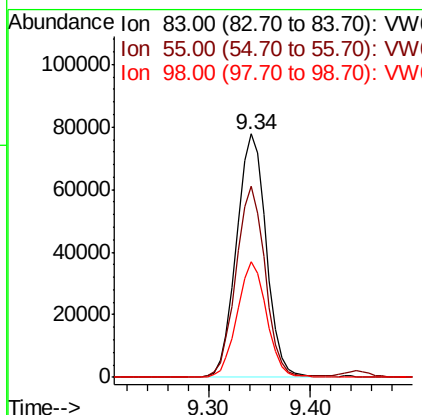
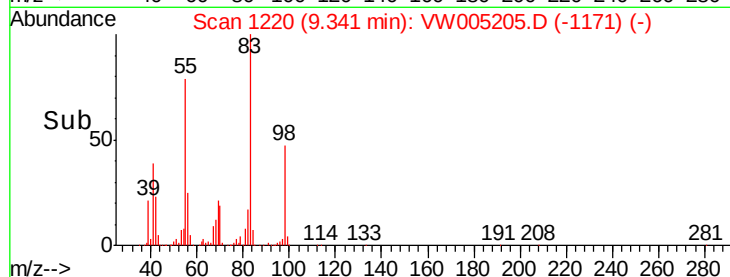
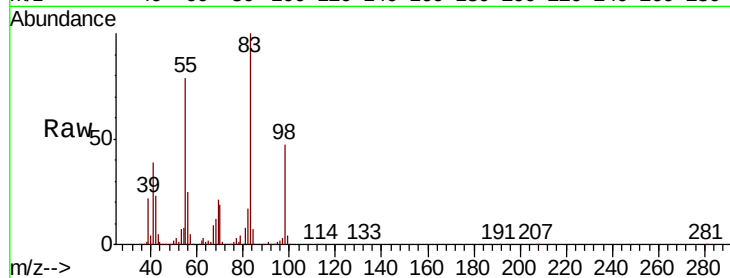
#39
Methylvlcyclohexane
Concen: 20.79 ug/l
RT: 9.34 min Scan# 1220
Delta R.T. -0.00 min
Lab File: VW005205.D
Acq: 07 Sep 2018 13:34

Instrument :
MSVOA_W
ClientSampleId :
VW0907SBSD01

Tot Ion	Ratio	Lower	Upper
83	100		
55	78.5	58.9	88.3
98	47.3	36.8	55.2

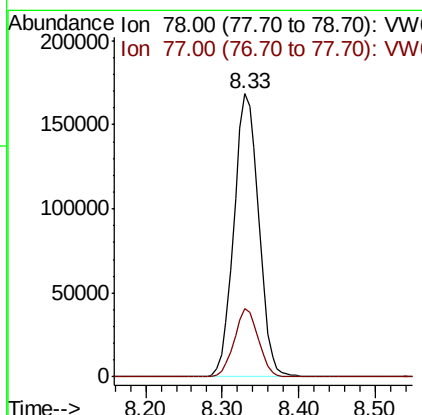
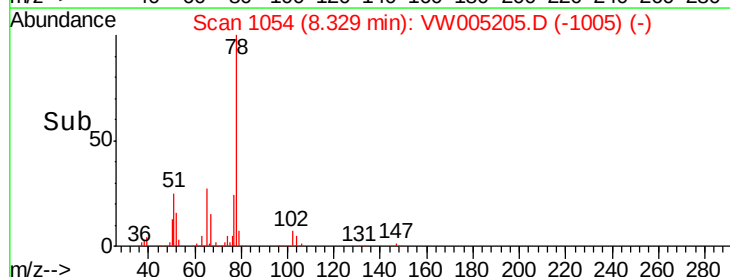
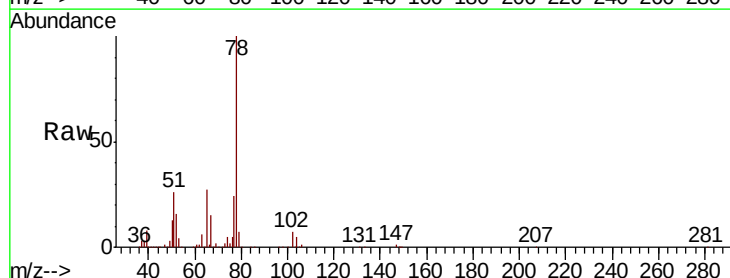
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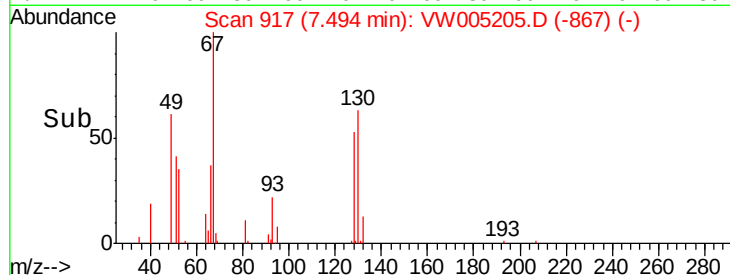
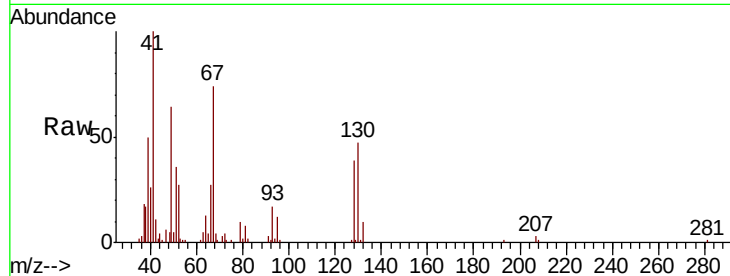
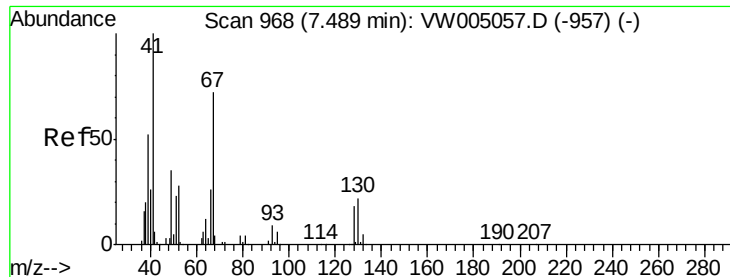
apatel
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#40
Benzene
Concen: 19.75 ug/l
RT: 8.33 min Scan# 1054
Delta R.T. -0.00 min
Lab File: VW005205.D
Acq: 07 Sep 2018 13:34

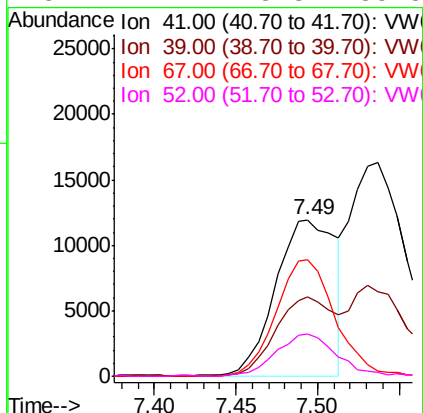
Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.9	19.4	29.0





#41
Methacrylonitrile
Concen: 22.62 ug/l
RT: 7.49 min Scan# 917
Delta R.T. 0.01 min
Lab File: VW005205.D
Acq: 07 Sep 2018 13:34

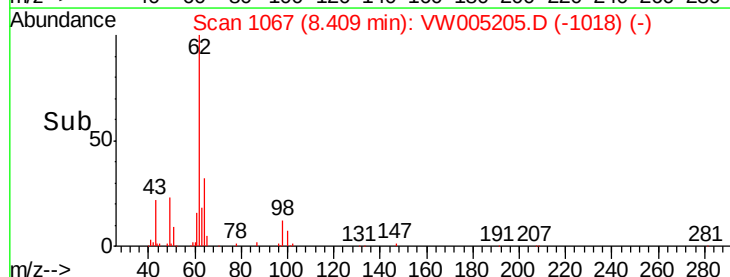
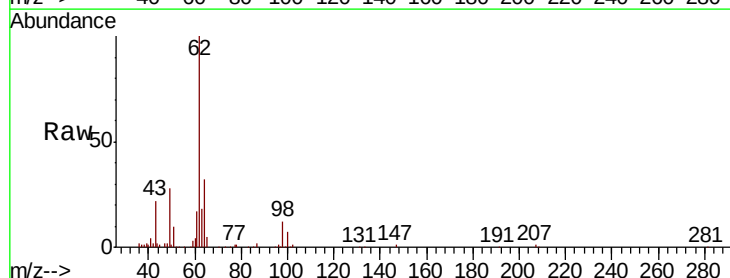
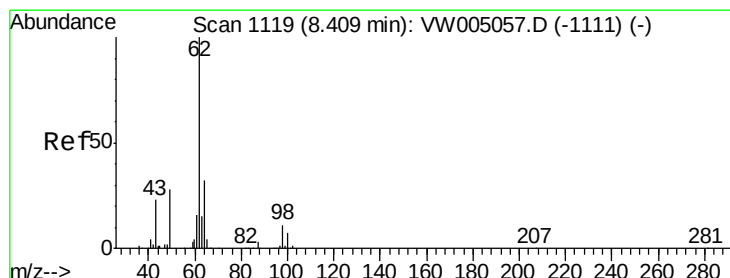
Tot Ion	Ion	Ratio	Lower	Upper
30688	41	100		
	39	48.9	41.8	62.8
	67	72.8	60.4	90.6
	52	27.1	23.8	35.8



Instrument :
MSVOA_W
ClientSampleId :
VW0907SBSD01

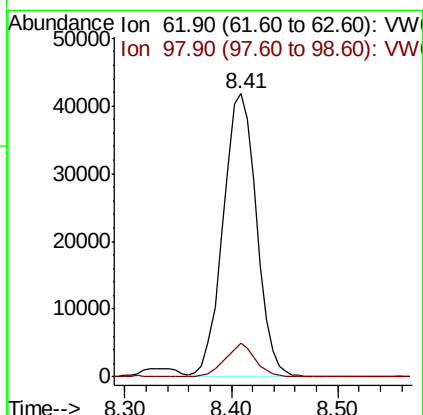
Manual Integrations
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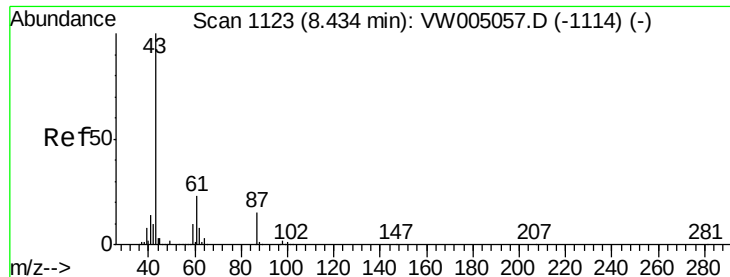
apatel
9/10/2018 10:50:49 AM



#42
1,2-Dichloroethane
Concen: 19.57 ug/l
RT: 8.41 min Scan# 1067
Delta R.T. -0.00 min
Lab File: VW005205.D
Acq: 07 Sep 2018 13:34

Tgt Ion	Ion	Ratio	Lower	Upper
91813	62	100		
	98	10.7	0.0	21.8





#43

Isopropyl Acetate

Concen: 21.79 ug/l

RT: 8.43 min Scan# 1071

Delta R.T. -0.00 min

Lab File: VW005205.D

Acq: 07 Sep 2018 13:34

Instrument :

MSVOA_W

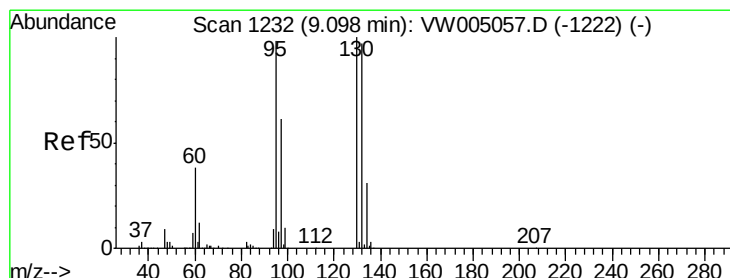
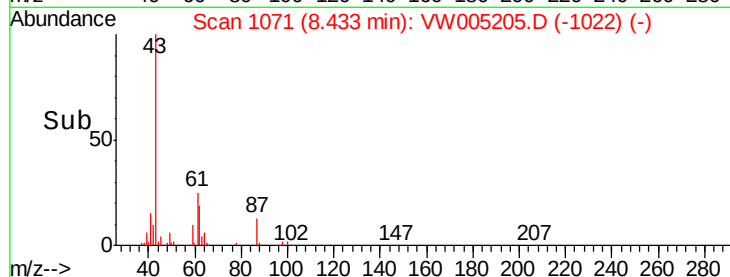
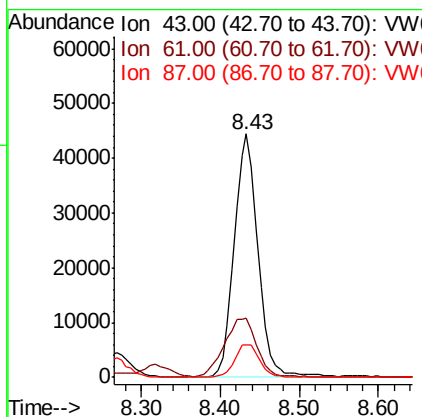
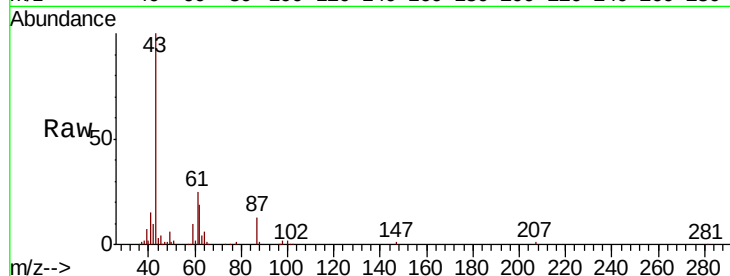
ClientSampleId :

VW0907SBS01

Tot Ion:	43	Resp:	92839
Ion	Ratio	Lower	Upper
43	100		
61	33.3	26.8	40.2
87	14.1	11.6	17.4

Manual Integrations
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#44

Trichloroethene

Concen: 19.03 ug/l

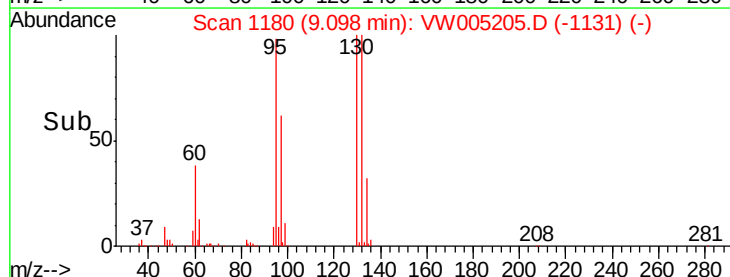
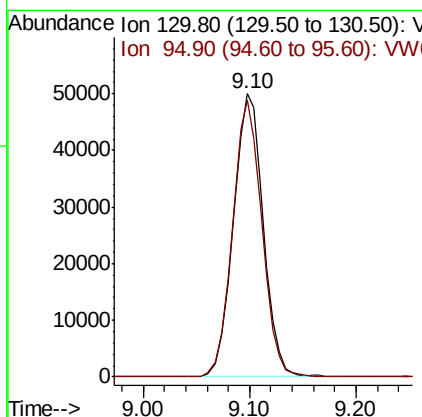
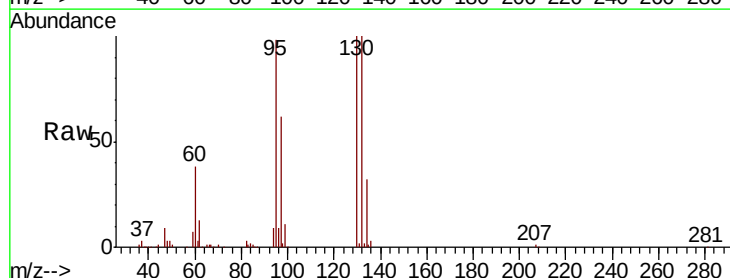
RT: 9.10 min Scan# 1180

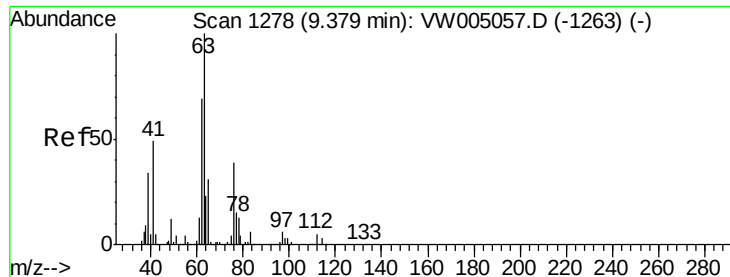
Delta R.T. -0.00 min

Lab File: VW005205.D

Acq: 07 Sep 2018 13:34

Tgt Ion:	130	Resp:	98393
Ion	Ratio	Lower	Upper
130	100		
95	98.1	0.0	195.2





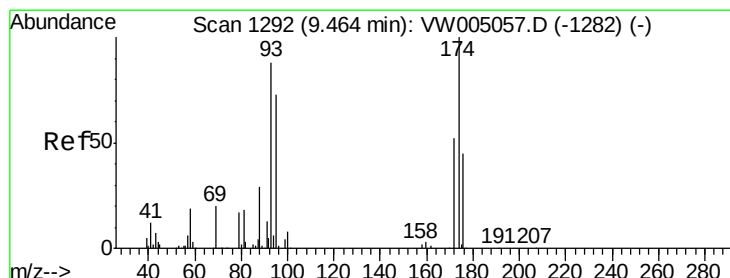
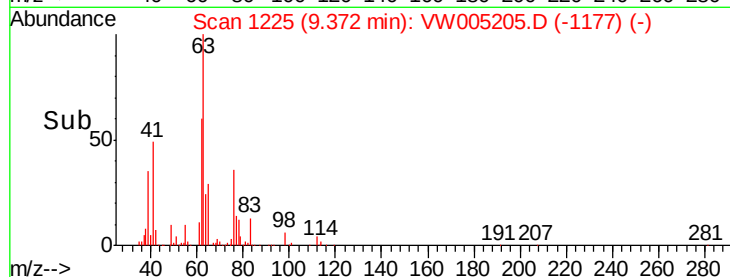
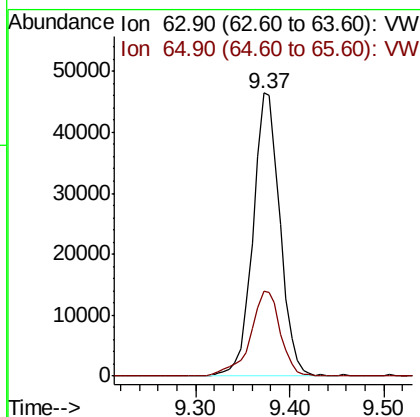
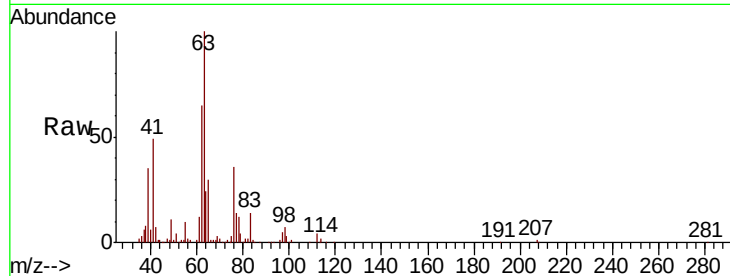
#45
 1,2-Dichloropropane
 Concen: 20.03 ug/l
 RT: 9.37 min Scan# 1225
 Delta R.T. -0.01 min
 Lab File: VW005205.D
 Acq: 07 Sep 2018 13:34

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0907SBSD01

Tot Ion	Ratio	Lower	Upper
63	100		
65	30.1	24.6	37.0

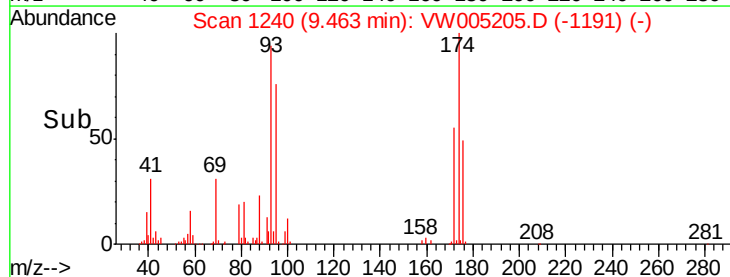
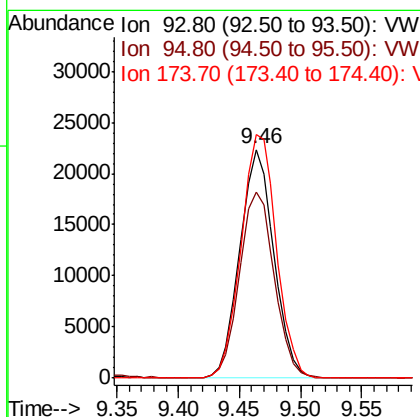
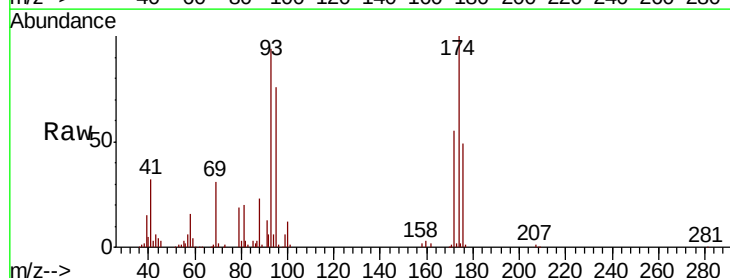
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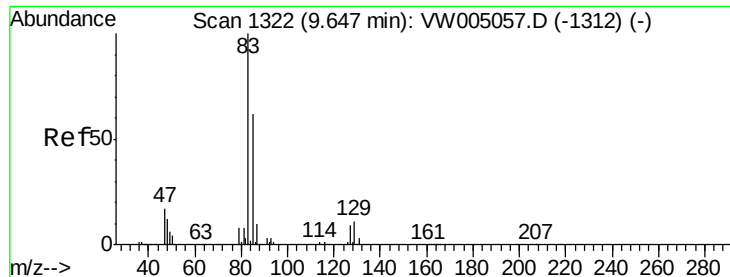
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#46
 Dibromomethane
 Concen: 19.32 ug/l
 RT: 9.46 min Scan# 1240
 Delta R.T. -0.00 min
 Lab File: VW005205.D
 Acq: 07 Sep 2018 13:34

Tgt Ion	Ratio	Lower	Upper
93	100		
95	83.3	66.2	99.4
174	110.3	92.0	138.0





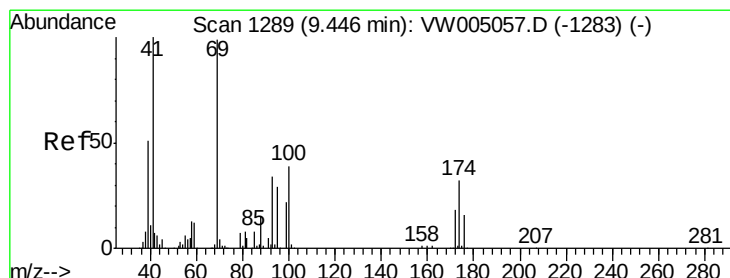
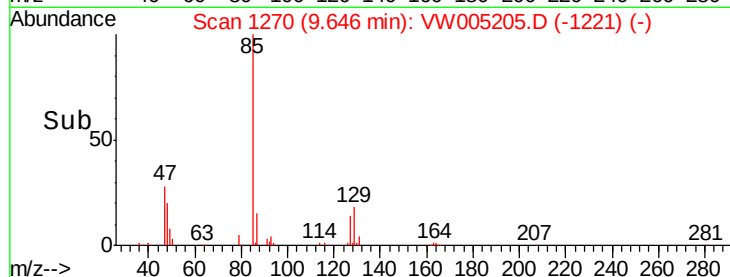
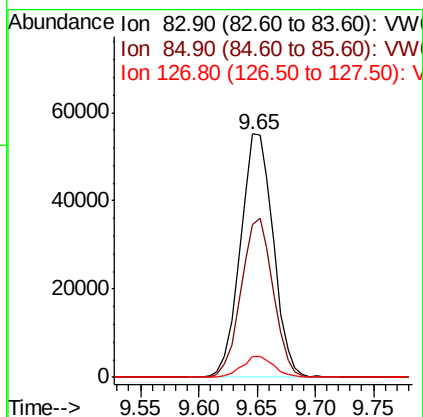
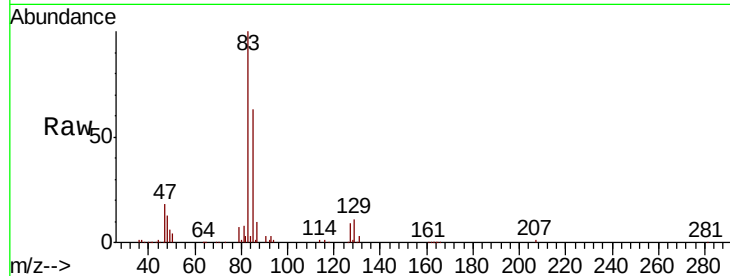
#47
Bromodichloromethane
Concen: 19.30 ug/l
RT: 9.65 min Scan# 1270
Delta R.T. -0.00 min
Lab File: VW005205.D
Acq: 07 Sep 2018 13:34

Instrument :
MSVOA_W
ClientSampleId :
VW0907SBSD01

Tot Ion	Ratio	Resp	Lower	Upper
83	100			
85	63.0	49.8	74.6	
127	8.6	7.0	10.4	

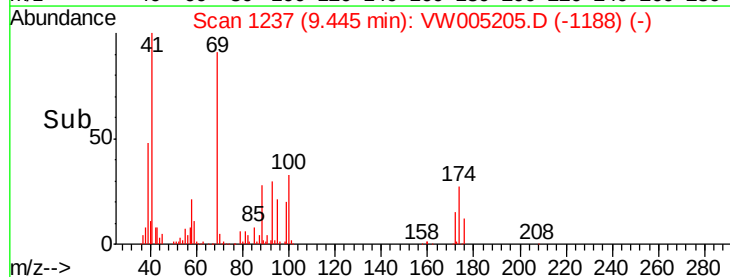
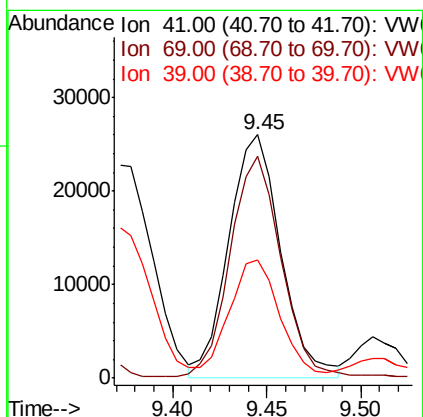
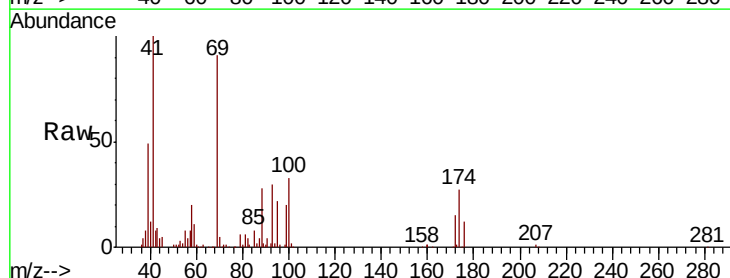
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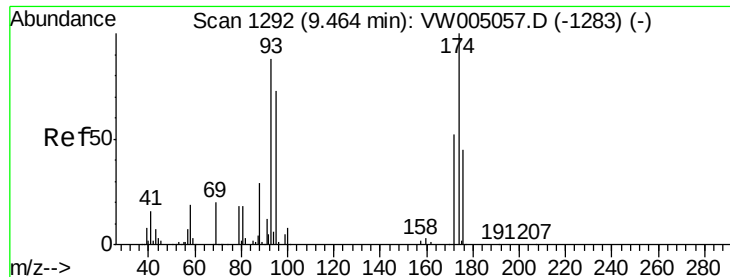
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#48
Methyl methacrylate
Concen: 24.26 ug/l
RT: 9.45 min Scan# 1237
Delta R.T. -0.00 min
Lab File: VW005205.D
Acq: 07 Sep 2018 13:34

Tgt Ion	Ratio	Resp	Lower	Upper
41	100			
69	91.0	80.4	120.6	
39	43.5	43.5	65.3#	





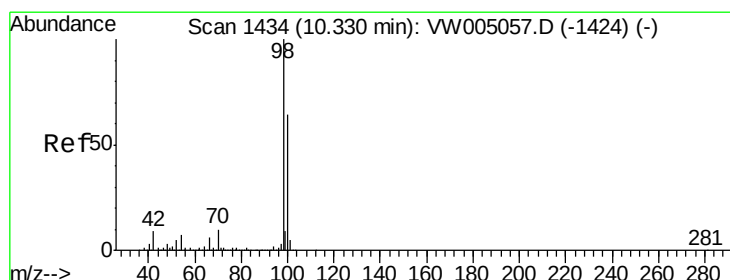
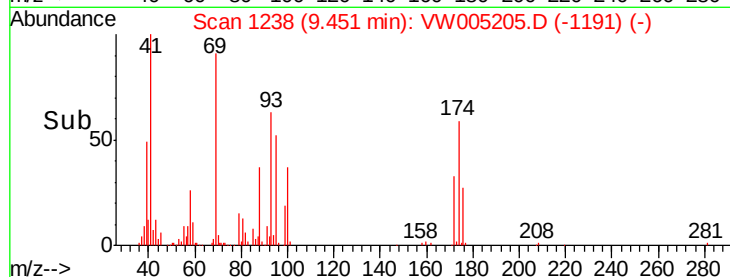
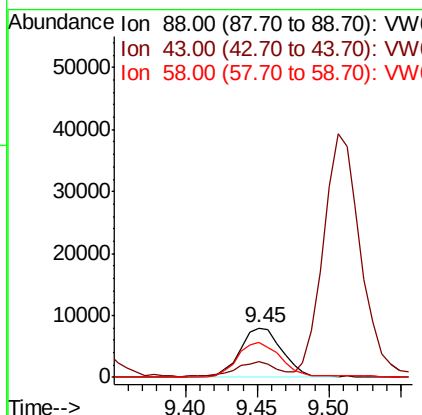
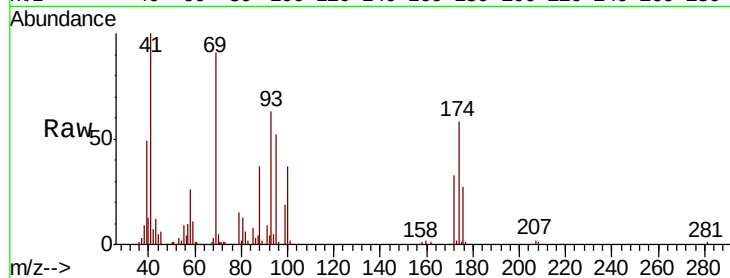
#49
1,4-Dioxane
Concen: 451.03 ug/l
RT: 9.45 min Scan# 1238
Delta R.T. -0.01 min
Lab File: VW005205.D
Acq: 07 Sep 2018 13:34

Instrument :
MSVOA_W
ClientSampleId :
VW0907SBSD01

Tot Ion	88	Resp	16330
Ion	Ratio	Lower	Upper
88	100		
43	28.8	19.8	29.6
58	72.7	57.1	85.7

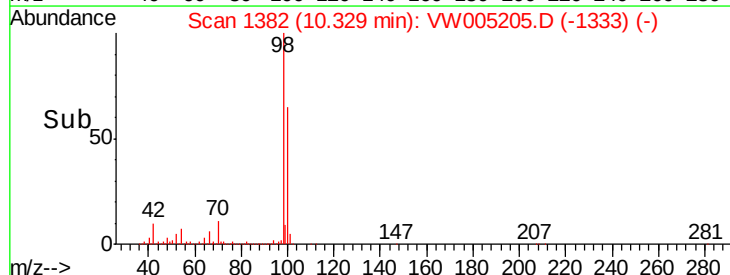
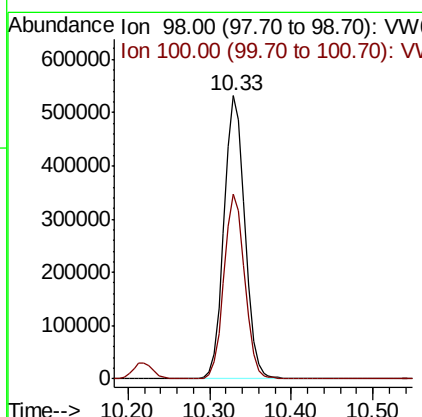
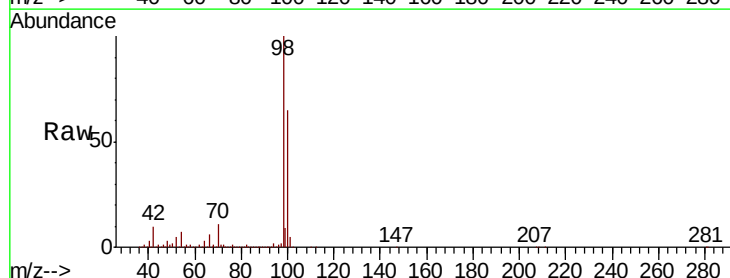
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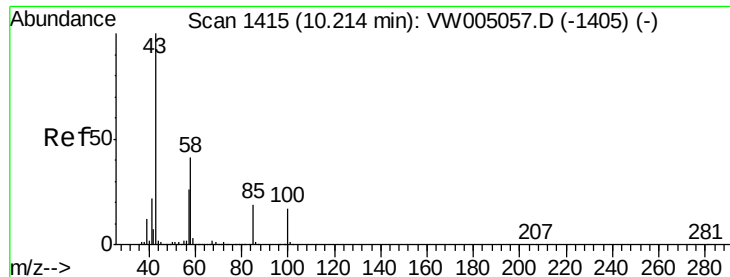
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#50
Toluene-d8
Concen: 53.47 ug/l
RT: 10.33 min Scan# 1382
Delta R.T. -0.00 min
Lab File: VW005205.D
Acq: 07 Sep 2018 13:34

Tgt Ion	98	Resp	935961
Ion	Ratio	Lower	Upper
98	100		
100	65.0	51.7	77.5





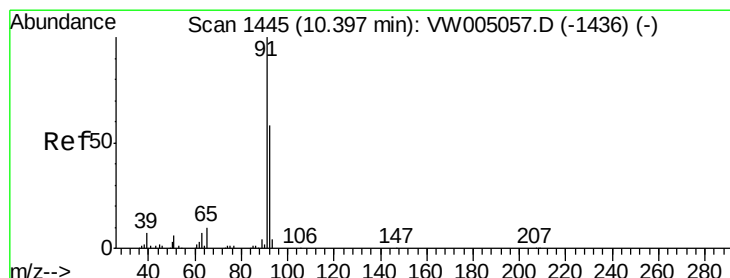
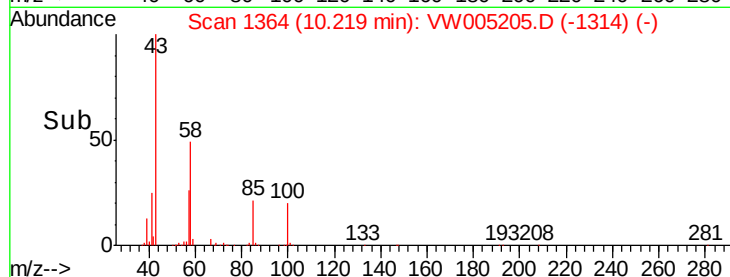
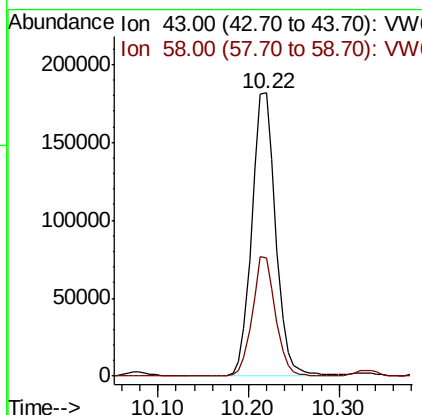
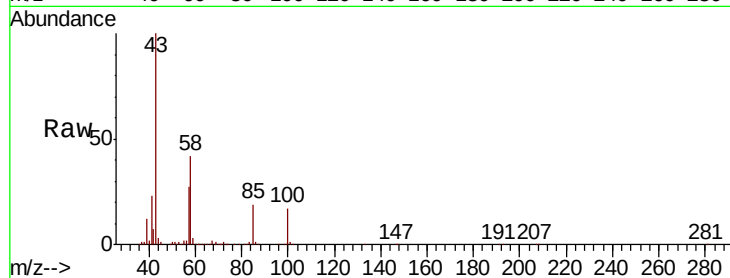
#51
4-Methyl-2-Pentanone
Concen: 115.93 ug/l
RT: 10.22 min Scan# 1364
Delta R.T. 0.01 min
Lab File: VW005205.D
Acq: 07 Sep 2018 13:34

Instrument :
MSVOA_W
ClientSampleId :
VW0907SBS01

Tot Ion	43	Resp	331038
Ion Ratio	100	Lower	Upper
43	100		
58	40.8	33.3	49.9

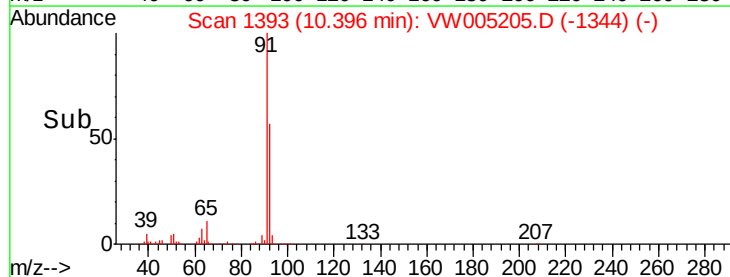
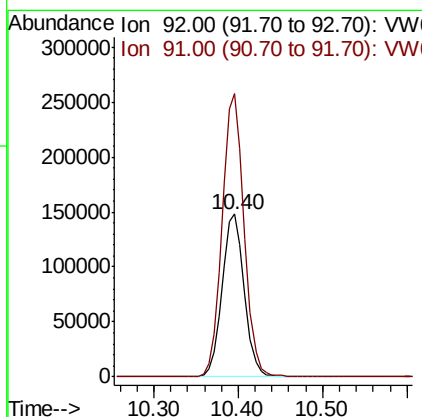
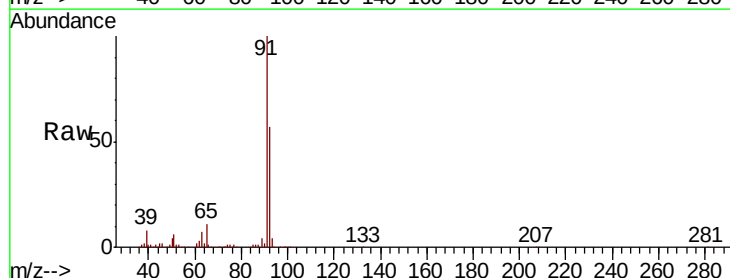
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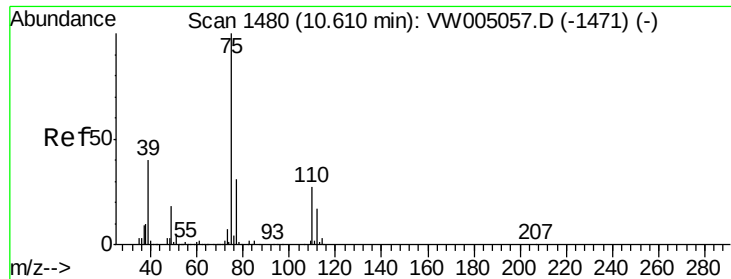
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#52
Toluene
Concen: 20.59 ug/l
RT: 10.40 min Scan# 1393
Delta R.T. -0.00 min
Lab File: VW005205.D
Acq: 07 Sep 2018 13:34

Tgt Ion	92	Resp	267340
Ion Ratio	100	Lower	Upper
92	100		
91	172.5	139.2	208.8





#53

t-1,3-Dichloropropene

Concen: 20.10 ug/l

RT: 10.61 min Scan# 1428

Delta R.T. -0.00 min

Lab File: VW005205.D

Acq: 07 Sep 2018 13:34

Instrument :

MSVOA_W

ClientSampled :

VW0907SBSD01

Tot Ion: 75 Resp: 111318

Ion Ratio Lower Upper

75 100

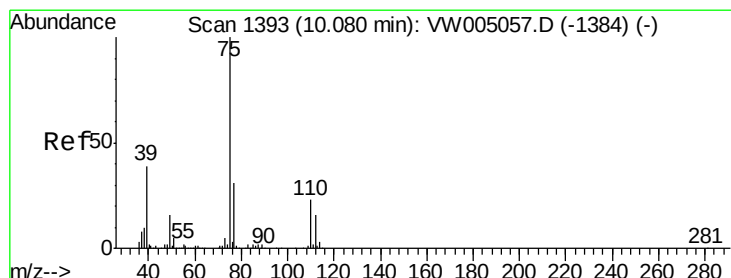
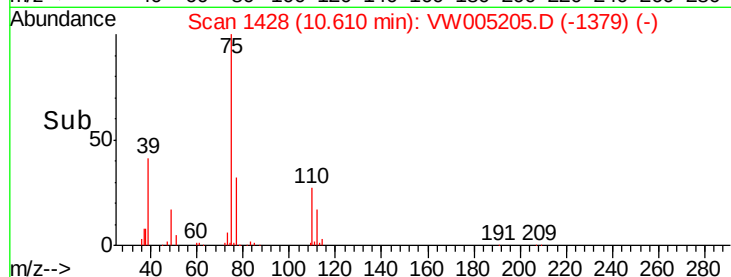
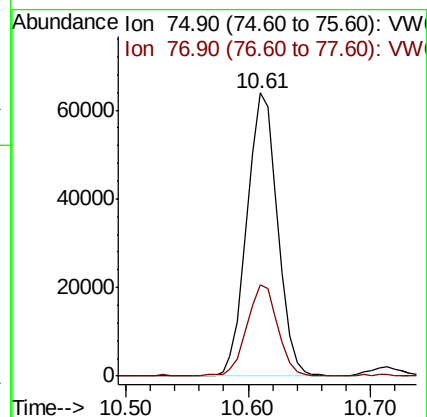
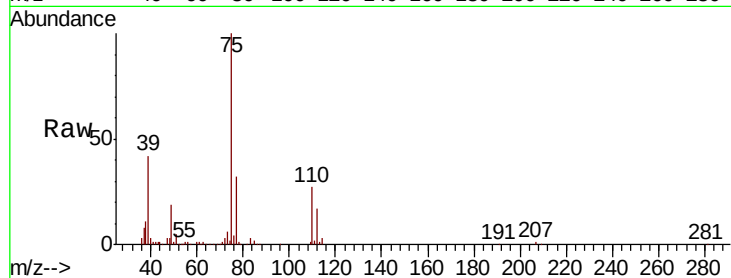
77 32.1 25.0 37.6

Manual Integrations

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#54

cis-1,3-Dichloropropene

Concen: 19.93 ug/l

RT: 10.08 min Scan# 1341

Delta R.T. -0.00 min

Lab File: VW005205.D

Acq: 07 Sep 2018 13:34

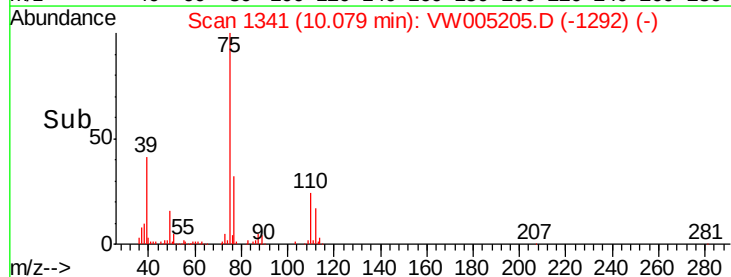
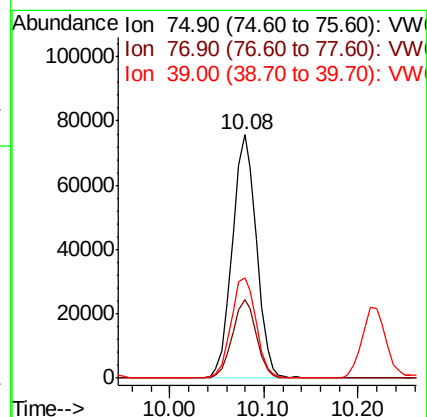
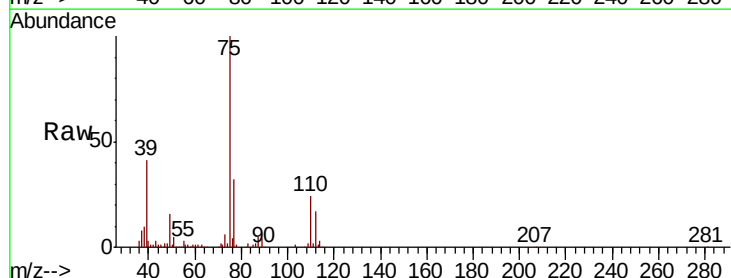
Tgt Ion: 75 Resp: 134250

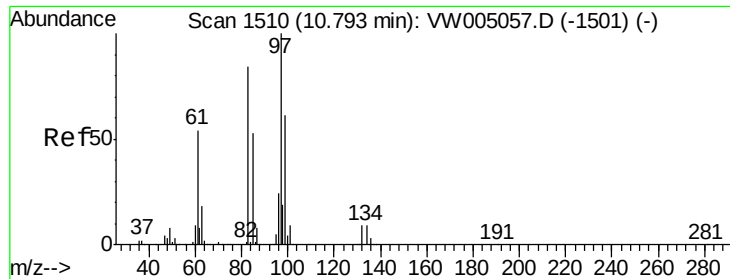
Ion Ratio Lower Upper

75 100

77 32.0 24.9 37.3

39 40.8 31.0 46.6





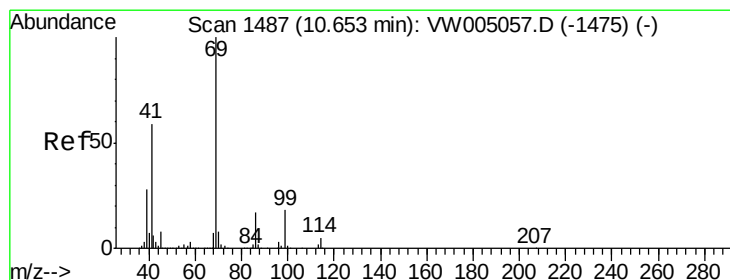
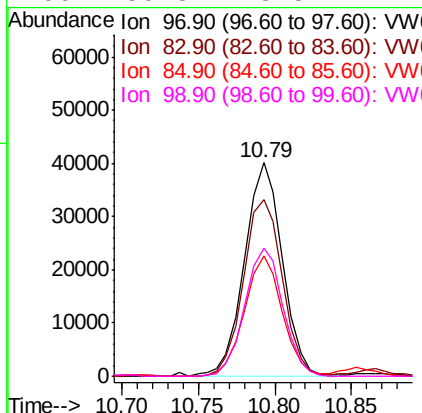
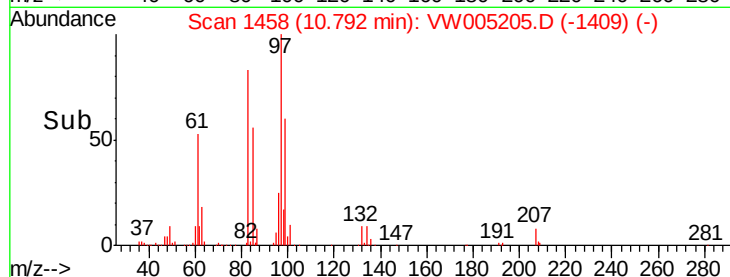
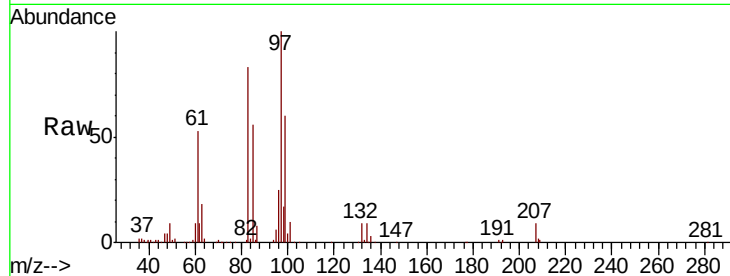
#55
 1,1,2-Trichloroethane
 Concen: 19.98 ug/l
 RT: 10.79 min Scan# 1458
 Delta R.T. -0.00 min
 Lab File: VW005205.D
 Acq: 07 Sep 2018 13:34

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0907SBSD01

Tot Ion	Ion	Ratio	Resp	Lower	Upper
97	100		69259		
83	82.5	67.0	100.6		
85	56.5	42.3	63.5		
99	59.8	48.5	72.7		

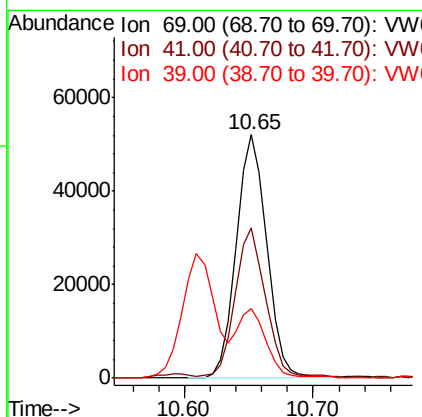
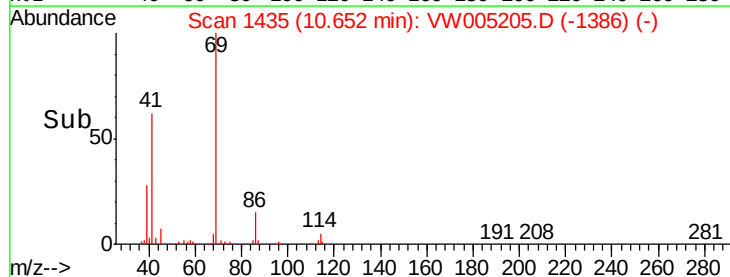
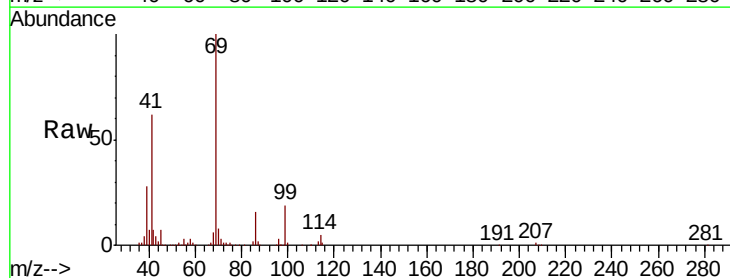
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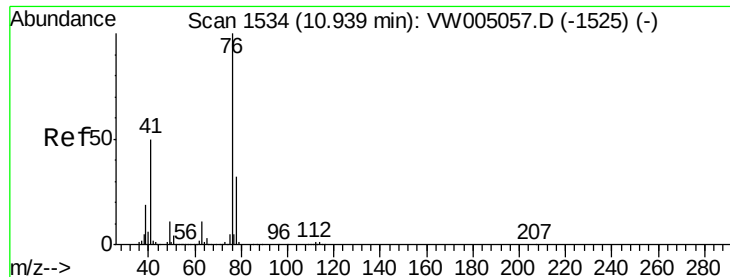
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#56
 Ethyl methacrylate
 Concen: 21.68 ug/l
 RT: 10.65 min Scan# 1435
 Delta R.T. -0.00 min
 Lab File: VW005205.D
 Acq: 07 Sep 2018 13:34

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
69	100		85722		
41	61.1	47.8	71.6		
39	27.1	21.1	31.7		





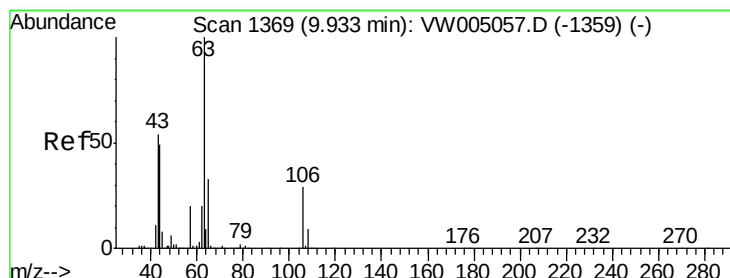
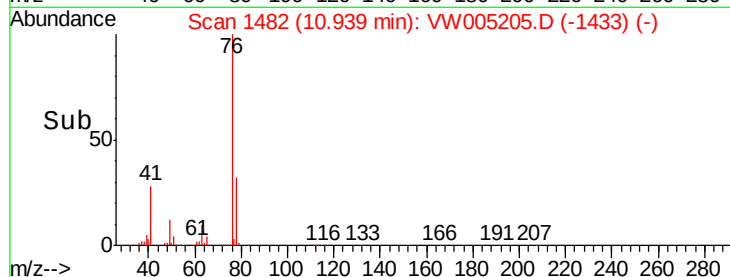
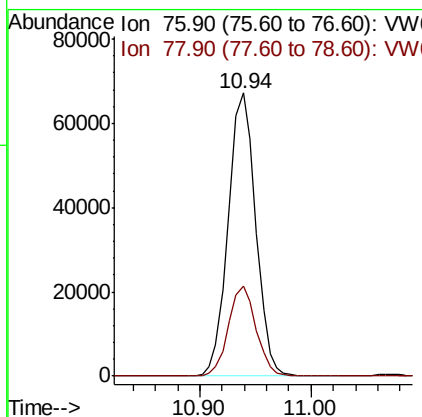
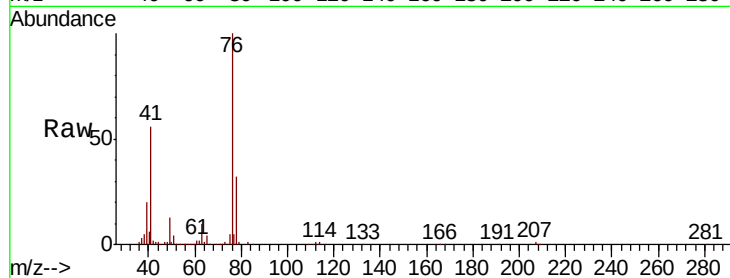
#57
 1,3-Dichloropropane
 Concen: 20.21 ug/l
 RT: 10.94 min Scan# 1482
 Delta R.T. -0.00 min
 Lab File: VW005205.D
 Acq: 07 Sep 2018 13:34

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0907SBSD01

Tot Ion	Ratio	Lower	Upper
76	100		
78	32.2	26.3	39.5

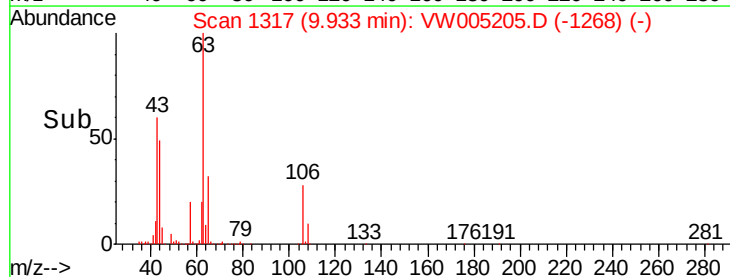
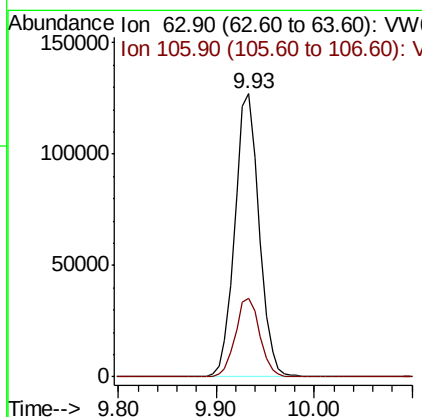
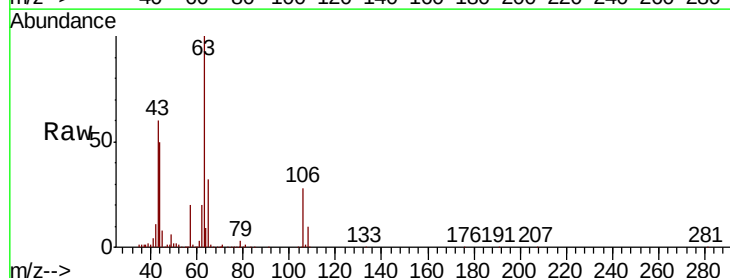
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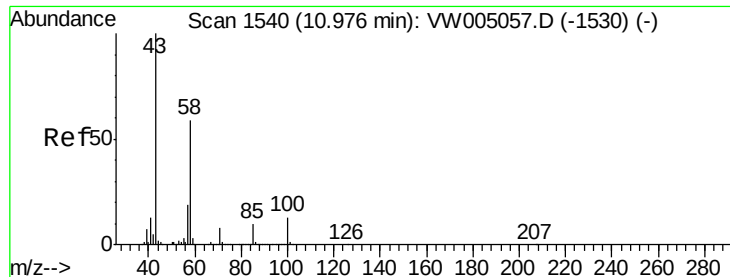
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#58
 2-Chloroethyl Vinyl ether
 Concen: 117.35 ug/l
 RT: 9.93 min Scan# 1317
 Delta R.T. -0.00 min
 Lab File: VW005205.D
 Acq: 07 Sep 2018 13:34

Tgt Ion	Ratio	Lower	Upper
63	100		
106	28.0	23.1	34.7





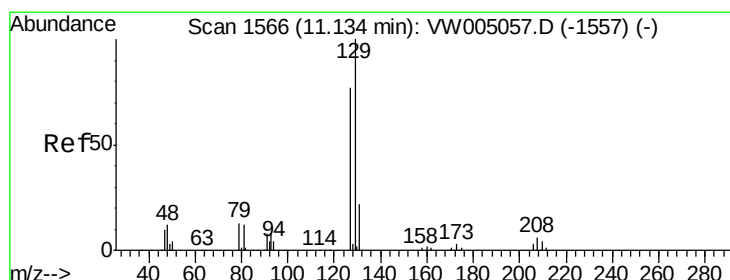
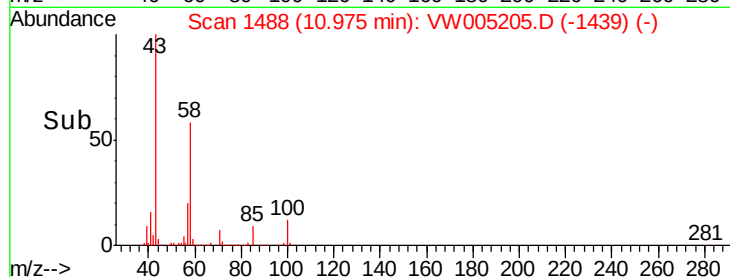
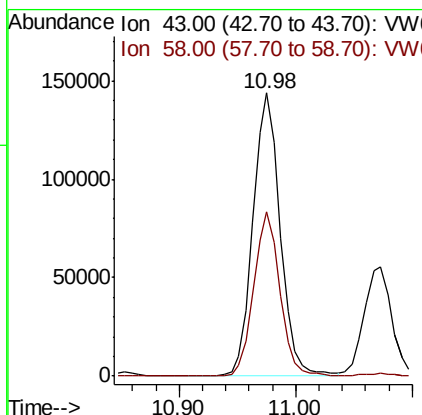
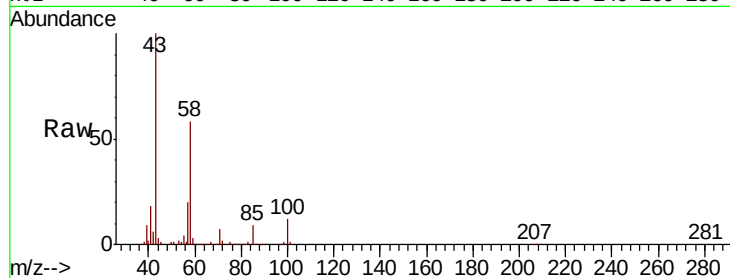
#59
2-Hexanone
Concen: 121.45 ug/l
RT: 10.98 min Scan# 1488
Delta R.T. -0.00 min
Lab File: VW005205.D
Acq: 07 Sep 2018 13:34

Instrument :
MSVOA_W
ClientSampleId :
VW0907SBSD01

Tot Ion	Ratio	Lower	Upper
43	100		
58	56.1	28.7	86.3

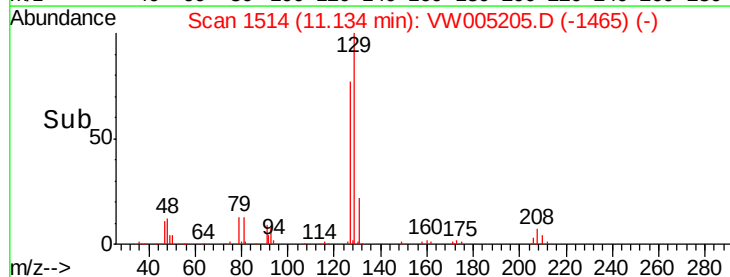
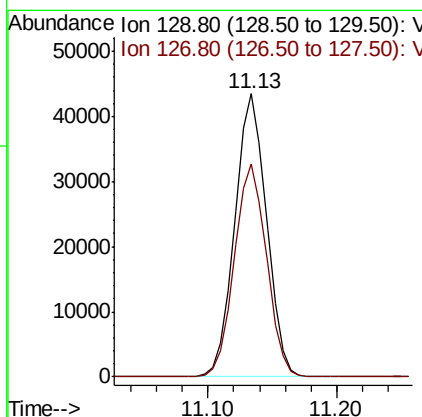
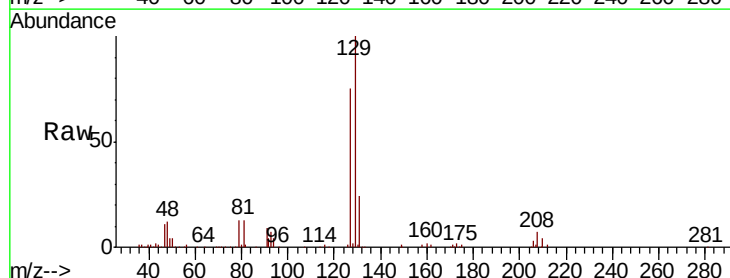
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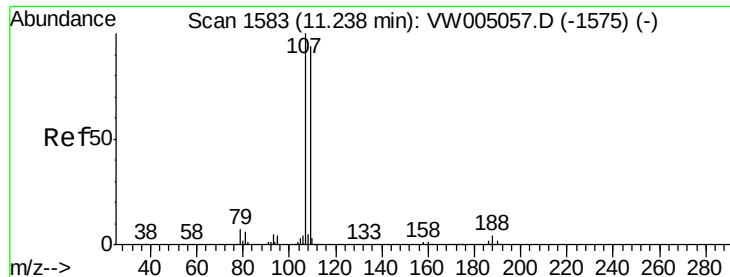
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#60
Dibromochloromethane
Concen: 18.97 ug/l
RT: 11.13 min Scan# 1514
Delta R.T. -0.00 min
Lab File: VW005205.D
Acq: 07 Sep 2018 13:34

Tgt Ion	Ratio	Lower	Upper
129	100		
127	76.3	38.9	116.7





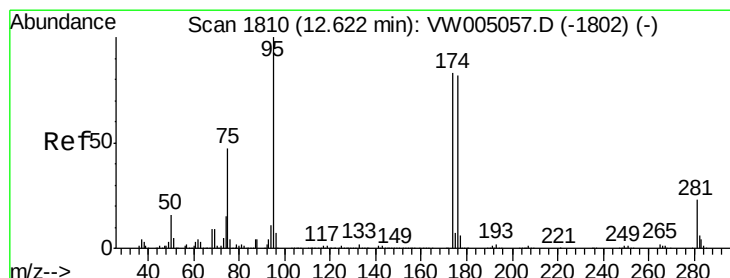
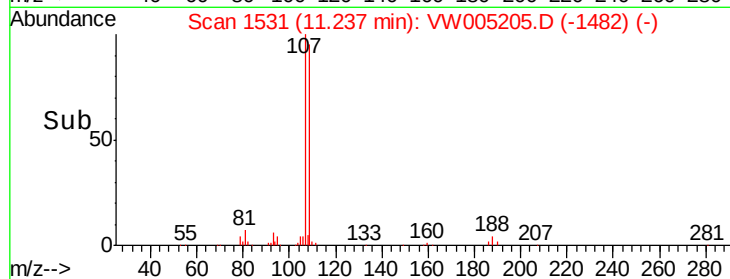
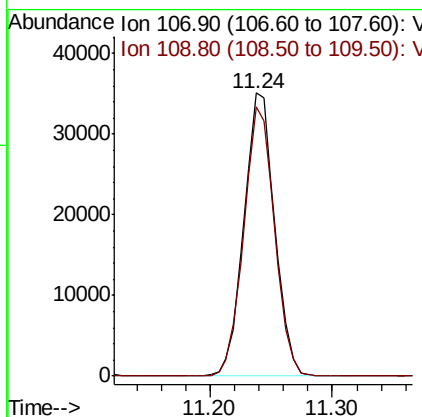
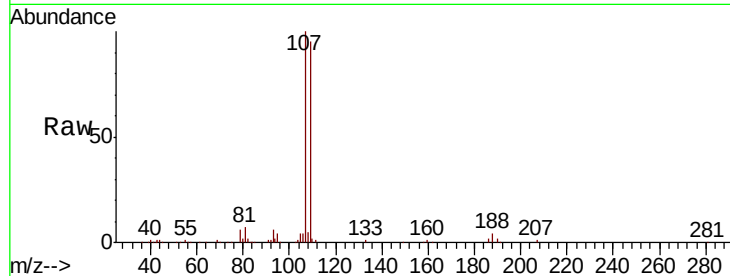
#61
 1,2-Dibromoethane
 Concen: 19.59 ug/l
 RT: 11.24 min Scan# 1531
 Delta R.T. -0.00 min
 Lab File: VW005205.D
 Acq: 07 Sep 2018 13:34

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0907SBSD01

Tot Ion: 107 Resp: 61319
 Ion Ratio Lower Upper
 107 100
 109 95.4 75.9 113.9

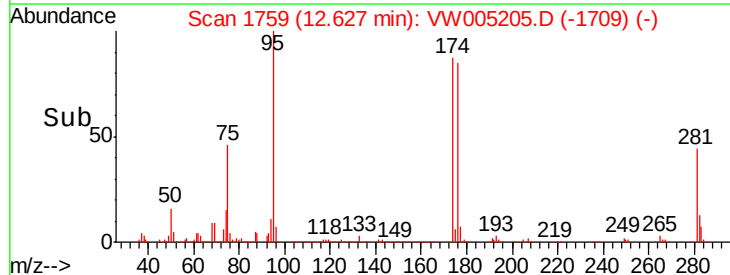
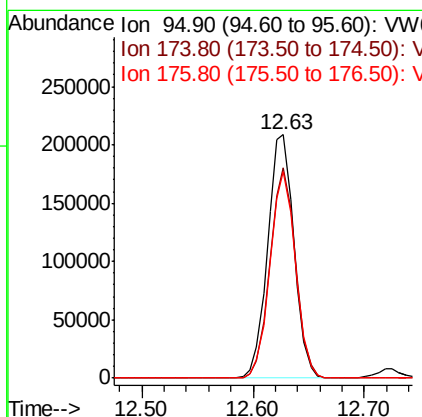
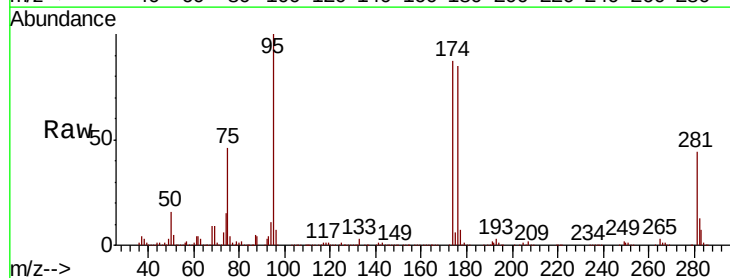
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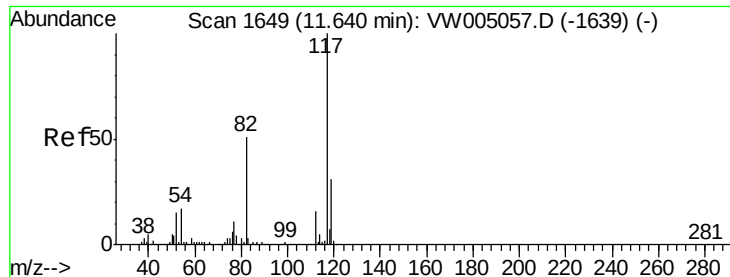
apatel
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#62
 4-Bromofluorobenzene
 Concen: 55.66 ug/l
 RT: 12.63 min Scan# 1759
 Delta R.T. 0.01 min
 Lab File: VW005205.D
 Acq: 07 Sep 2018 13:34

Tgt Ion: 95 Resp: 343565
 Ion Ratio Lower Upper
 95 100
 174 83.8 0.0 173.4
 176 82.0 0.0 167.4





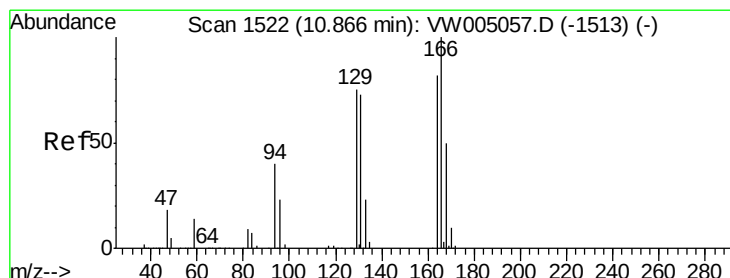
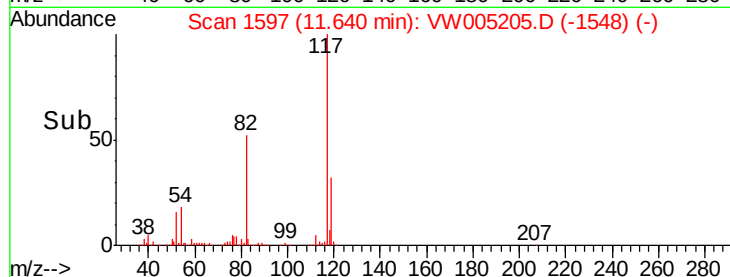
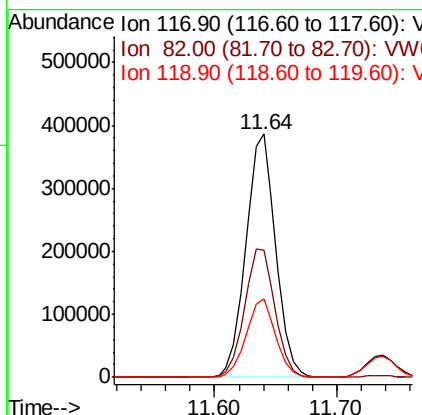
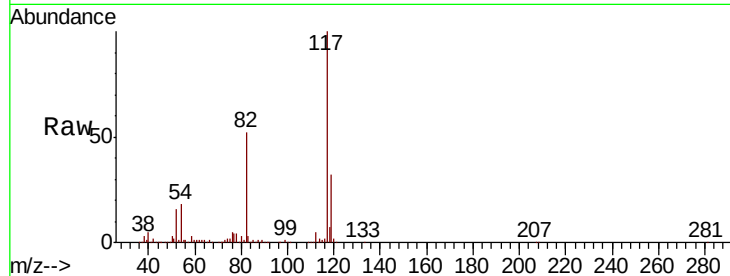
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.64 min Scan# 1597
Delta R.T. -0.00 min
Lab File: VW005205.D
Acq: 07 Sep 2018 13:34

Instrument :
MSVOA_W
ClientSampleId :
VW0907SBSD01

Tot Ion	Ratio	Lower	Upper
117	100		
82	52.4	40.9	61.3
119	32.4	24.9	37.3

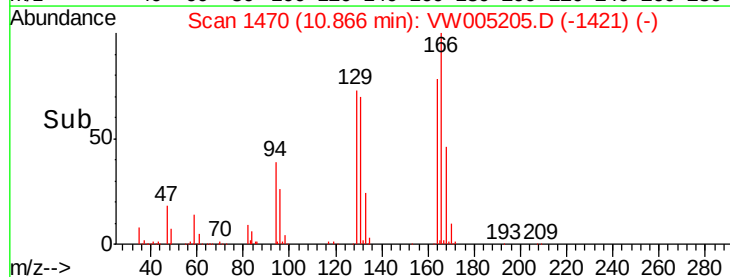
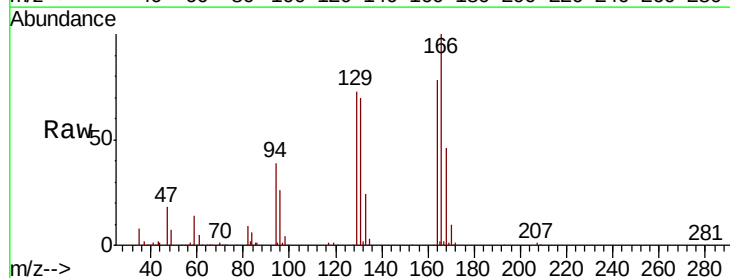
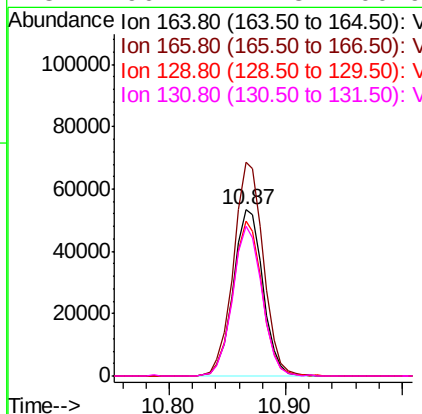
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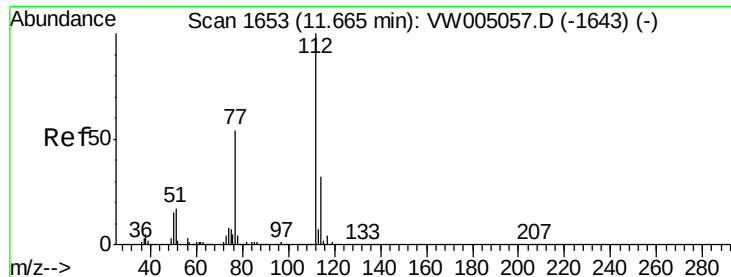
apatel
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#64
Tetrachloroethene
Concen: 18.50 ug/l
RT: 10.87 min Scan# 1470
Delta R.T. -0.00 min
Lab File: VW005205.D
Acq: 07 Sep 2018 13:34

Tgt Ion	Ratio	Lower	Upper
164	100		
166	128.5	97.3	145.9
129	93.6	73.1	109.7
131	90.4	71.3	106.9





#65

Chlorobenzene

Concen: 19.76 ug/l

RT: 11.66 min Scan# 1601

Delta R.T. -0.00 min

Lab File: VW005205.D

Acq: 07 Sep 2018 13:34

Instrument :

MSVOA_W

ClientSampleId :

VW0907SBSD01

Tot Ion:112 Resp: 290250

Ion Ratio Lower Upper

112 100

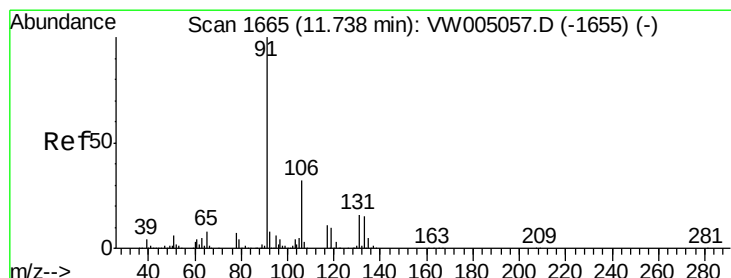
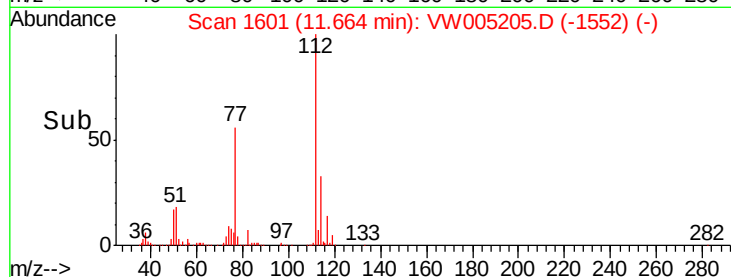
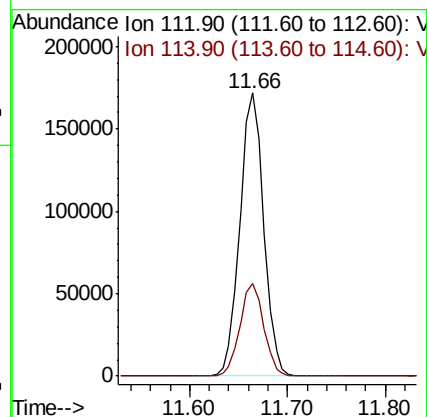
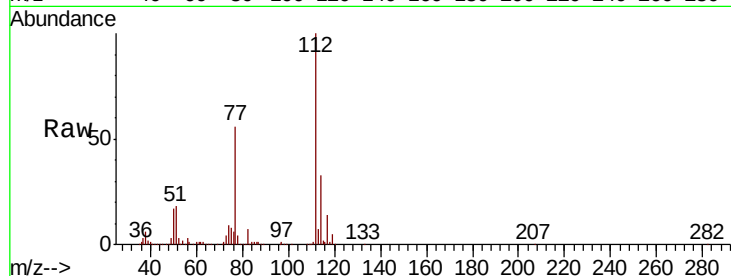
114 32.5 26.0 39.0

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#66

1,1,1,2-Tetrachloroethane

Concen: 19.02 ug/l

RT: 11.74 min Scan# 1613

Delta R.T. -0.00 min

Lab File: VW005205.D

Acq: 07 Sep 2018 13:34

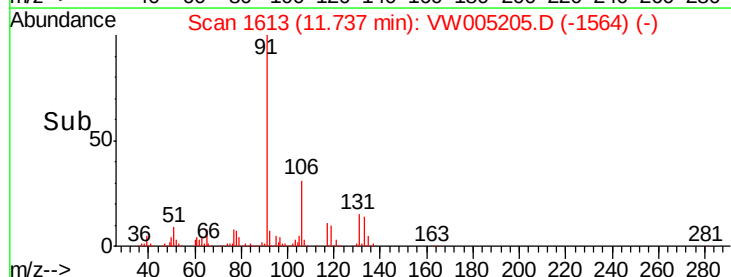
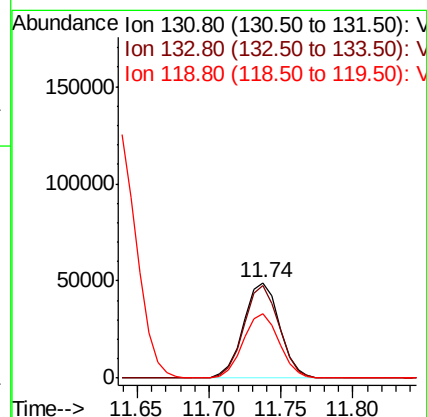
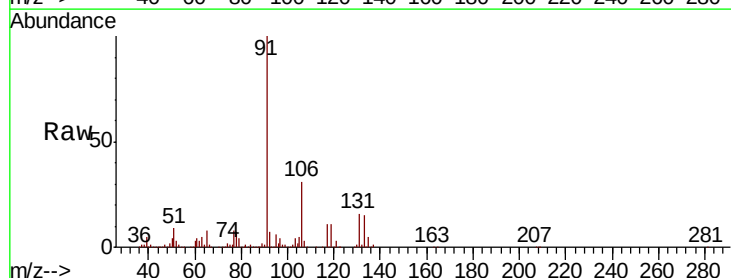
Tgt Ion:131 Resp: 85380

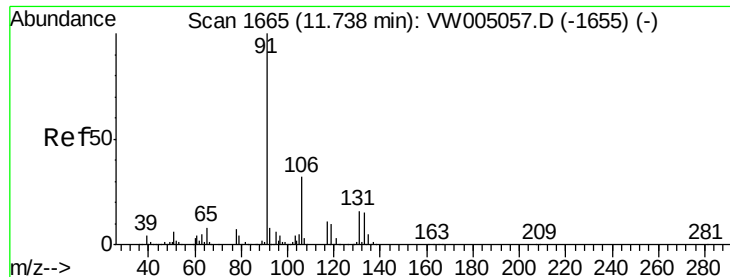
Ion Ratio Lower Upper

131 100

133 94.6 47.4 142.3

119 67.4 33.4 100.1





#67

Ethyl Benzene

Concen: 20.20 ug/l

RT: 11.74 min Scan# 1613

Delta R.T. -0.00 min

Lab File: VW005205.D

Acq: 07 Sep 2018 13:34

Instrument :

MSVOA_W

ClientSampleId :

VW0907SBS01

Tot Ion: 91 Resp: 501675

Ion Ratio Lower Upper

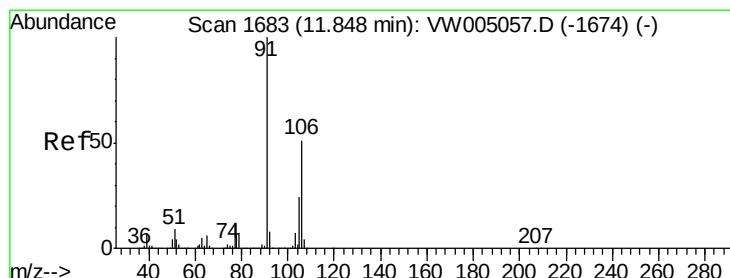
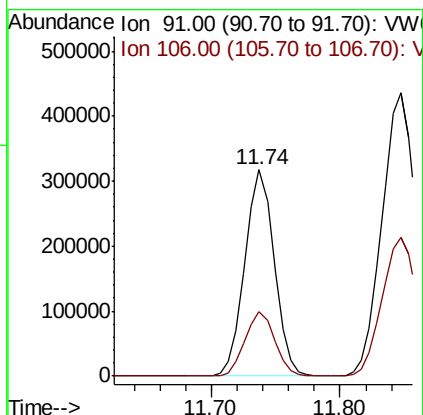
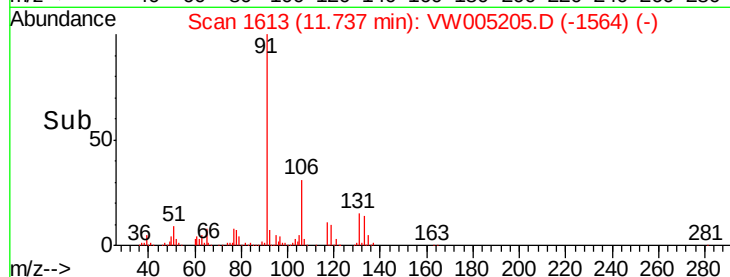
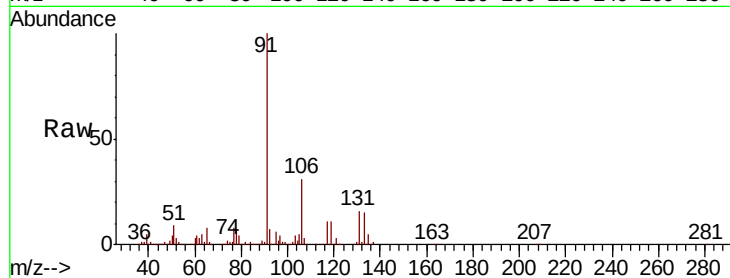
91 100

106 31.0 25.3 37.9

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#68

m/p-Xylenes

Concen: 40.56 ug/l

RT: 11.85 min Scan# 1631

Delta R.T. -0.00 min

Lab File: VW005205.D

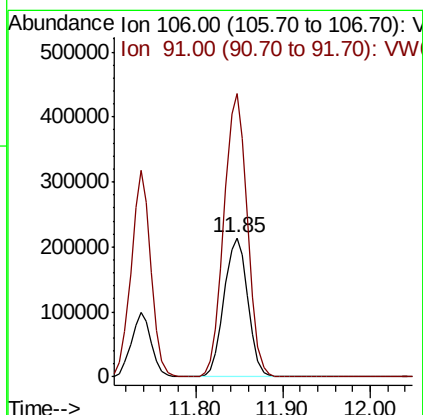
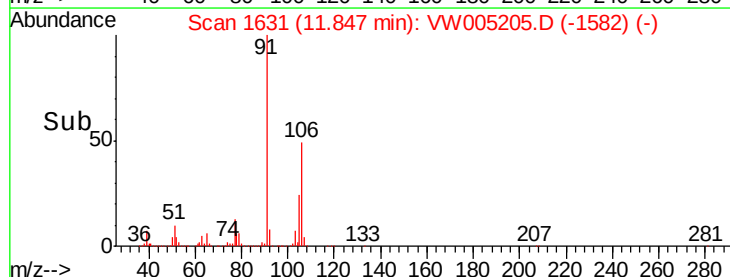
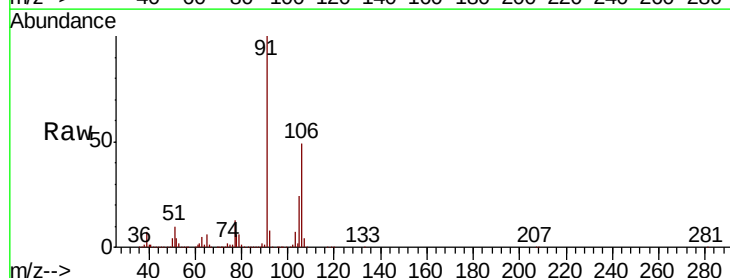
Acq: 07 Sep 2018 13:34

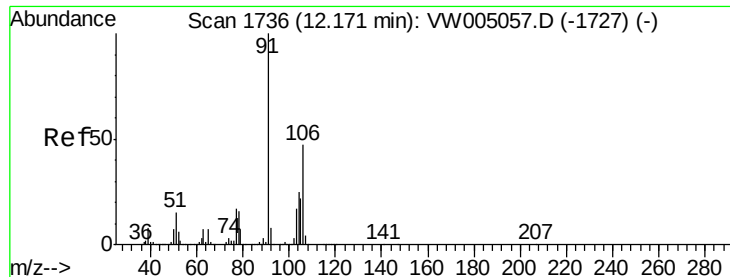
Tgt Ion: 106 Resp: 403335

Ion Ratio Lower Upper

106 100

91 200.2 158.4 237.6





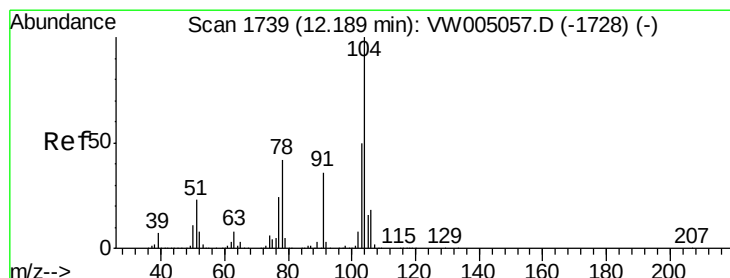
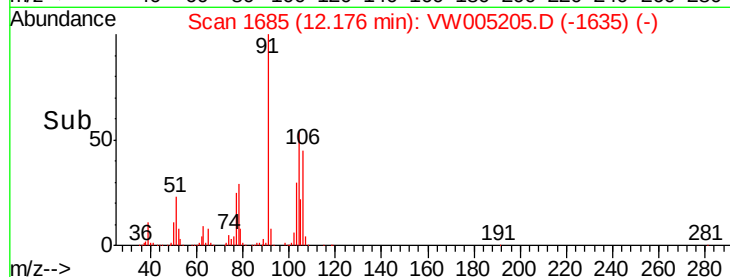
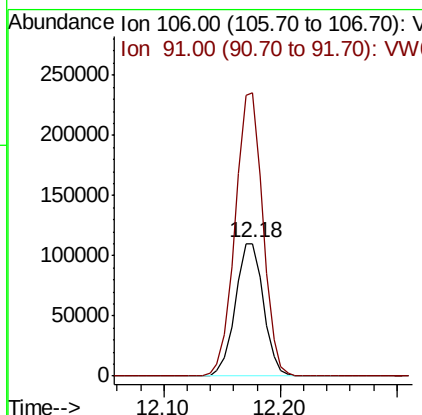
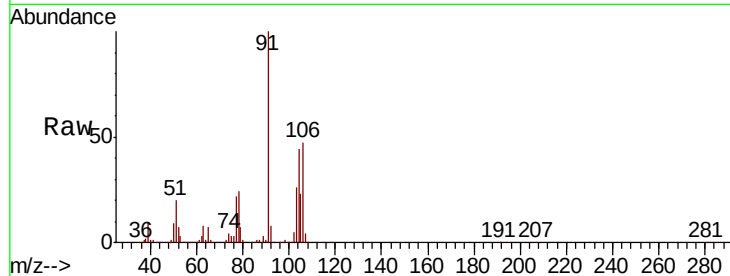
#69
o-Xylene
Concen: 20.16 ug/l
RT: 12.18 min Scan# 1685
Delta R.T. 0.01 min
Lab File: VW005205.D
Acq: 07 Sep 2018 13:34

Instrument :
MSVOA_W
ClientSampleId :
VW0907SBSD01

Tot Ion	Ion	Ratio	Resp	Lower	Upper
106	100		185377		
91	211.9	105.6	316.8		

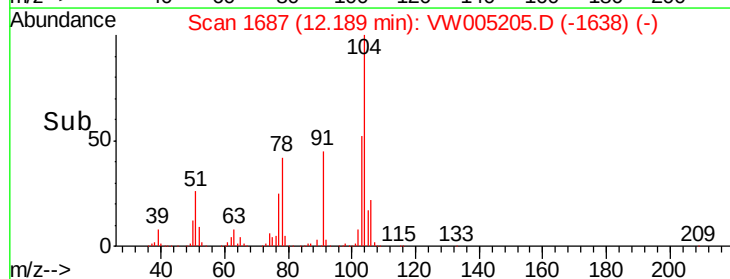
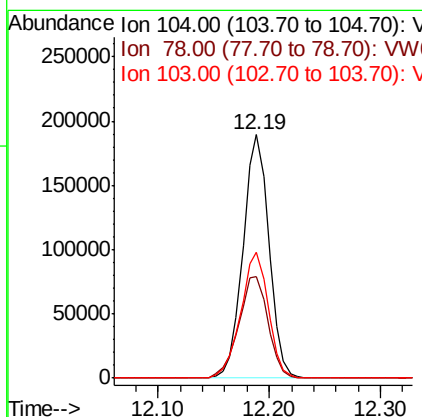
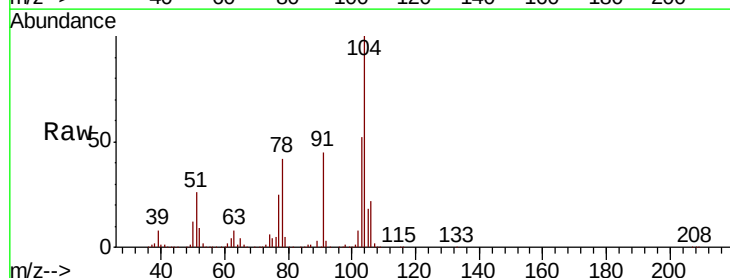
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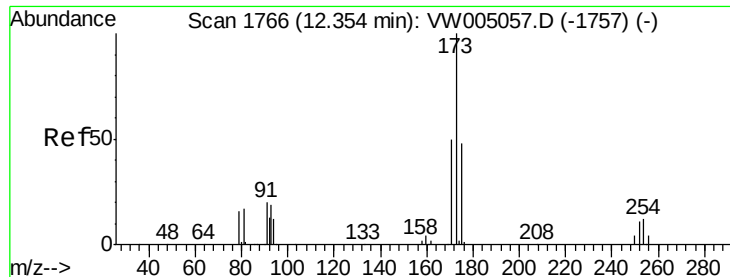
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#70
Styrene
Concen: 20.21 ug/l
RT: 12.19 min Scan# 1687
Delta R.T. -0.00 min
Lab File: VW005205.D
Acq: 07 Sep 2018 13:34

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
104	100		306905		
78	47.3	37.8	56.6		
103	54.9	44.1	66.1		





#71

Bromoform

Concen: 18.92 ug/l

RT: 12.35 min Scan# 1714

Delta R.T. -0.00 min

Lab File: VW005205.D

Acq: 07 Sep 2018 13:34

Instrument :

MSVOA_W

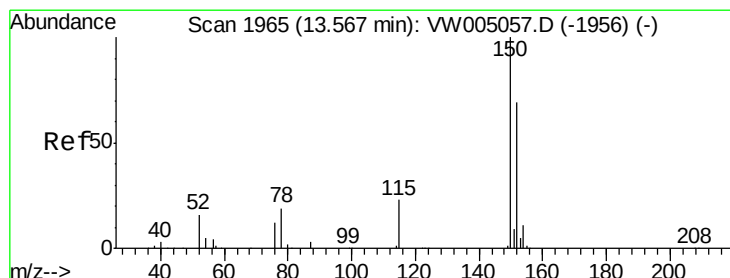
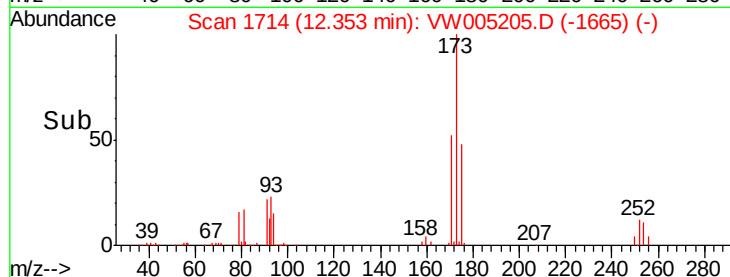
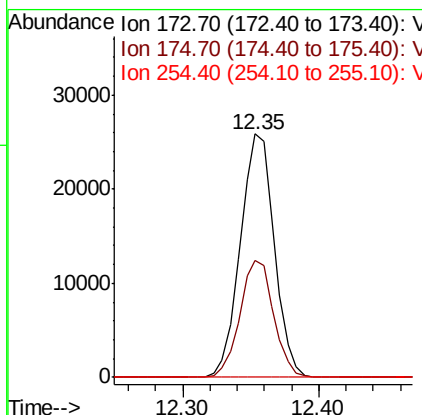
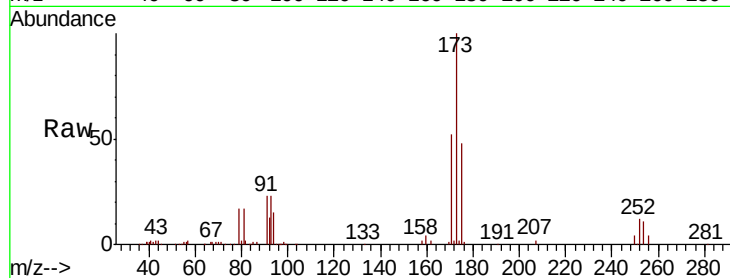
ClientSampleId :

VW0907SBSD01

Tot Ion:	173	Resp:	45025
Ion Ratio	Lower	Upper	
173	100		
175	47.7	24.1	72.2
254	0.0	0.2	0.2#

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#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

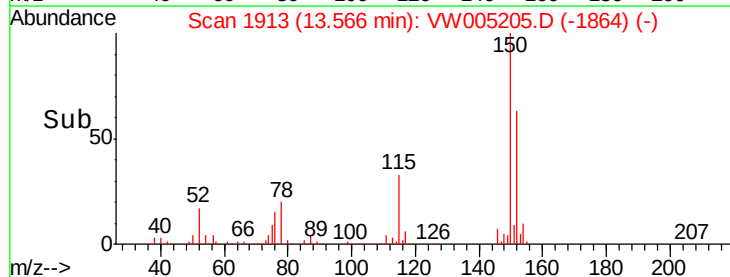
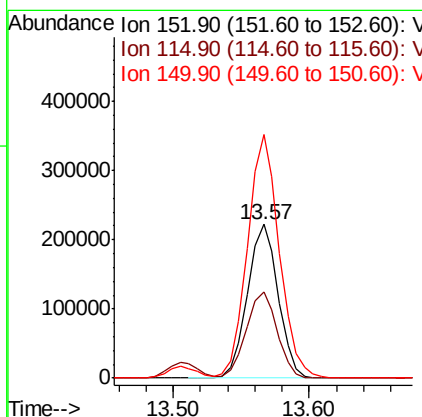
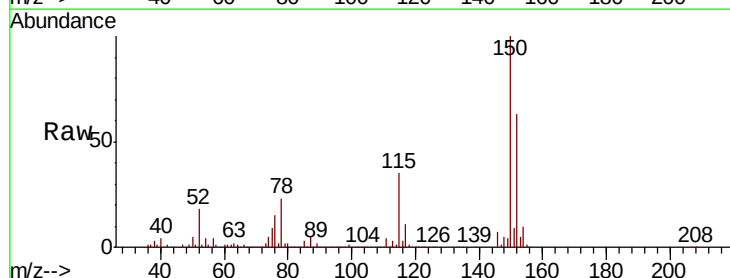
RT: 13.57 min Scan# 1913

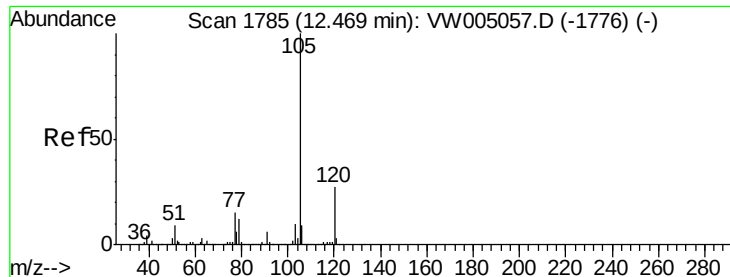
Delta R.T. -0.00 min

Lab File: VW005205.D

Acq: 07 Sep 2018 13:34

Tgt Ion:	152	Resp:	351611
Ion Ratio	Lower	Upper	
152	100		
115	56.7	27.8	83.4
150	163.4	0.0	351.4





#73

Isopropylbenzene

Concen: 20.43 ug/l

RT: 12.47 min Scan# 1733

Delta R.T. -0.00 min

Lab File: VW005205.D

Acq: 07 Sep 2018 13:34

Instrument :

MSVOA_W

ClientSampled :

VW0907SBSD01

Tot Ion: 105 Resp: 506405

Ion Ratio Lower Upper

105 100

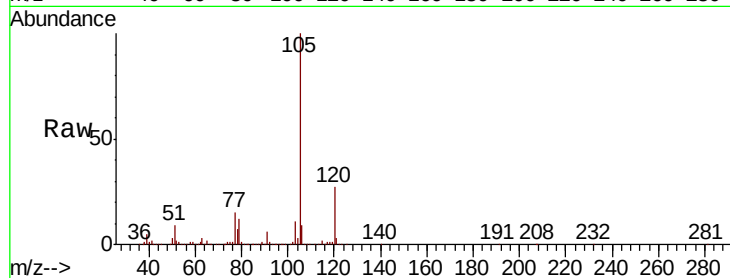
120 26.5 13.4 40.1

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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

12.47

300000

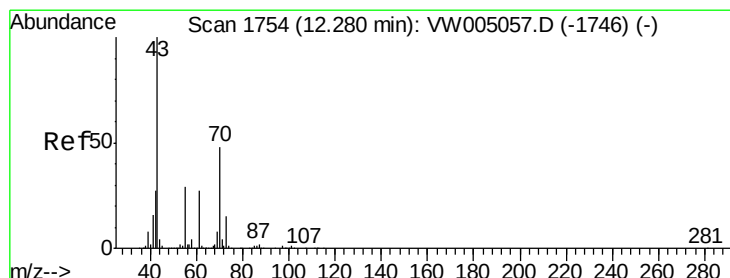
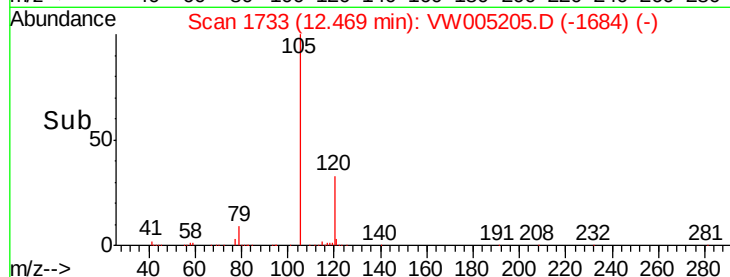
200000

100000

0

Time-->

12.40 12.50 12.60



#74

N-ethyl acetate

Concen: 23.09 ug/l

RT: 12.28 min Scan# 1702

Delta R.T. -0.00 min

Lab File: VW005205.D

Acq: 07 Sep 2018 13:34

Tgt Ion: 43 Resp: 98564

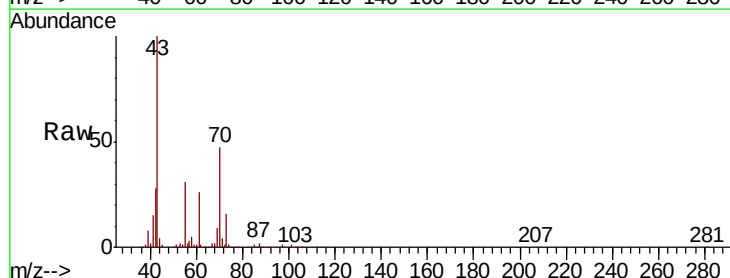
Ion Ratio Lower Upper

43 100

70 45.7 38.2 57.4

55 29.9 23.2 34.8

61 25.8 20.6 31.0



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

100000

80000

60000

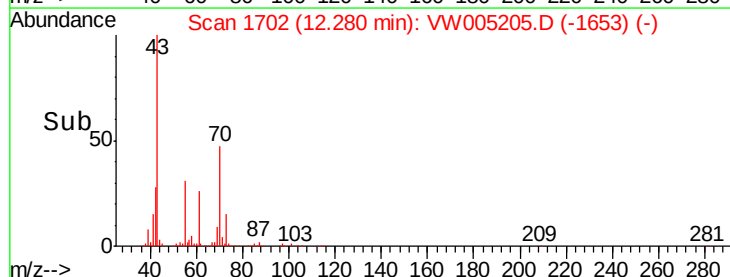
40000

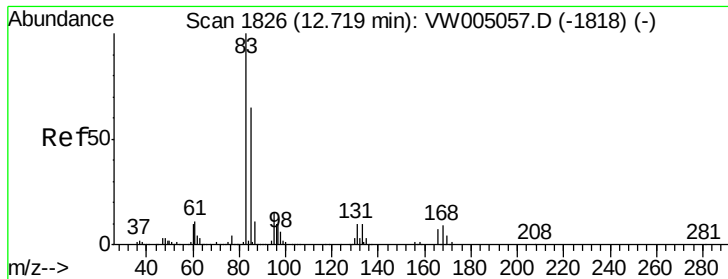
20000

0

Time-->

12.20 12.30





#75

1,1,2,2-Tetrachloroethane

Concen: 21.12 ug/l

RT: 12.72 min Scan# 1774

Delta R.T. -0.00 min

Lab File: VW005205.D

Acq: 07 Sep 2018 13:34

Instrument :

MSVOA_W

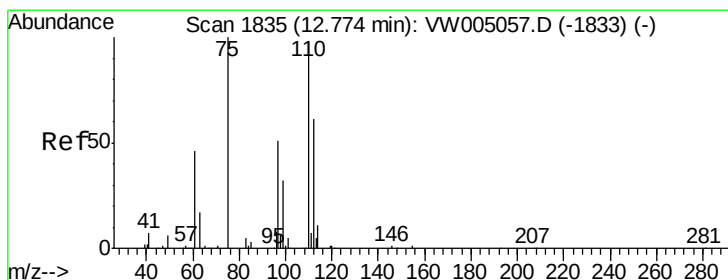
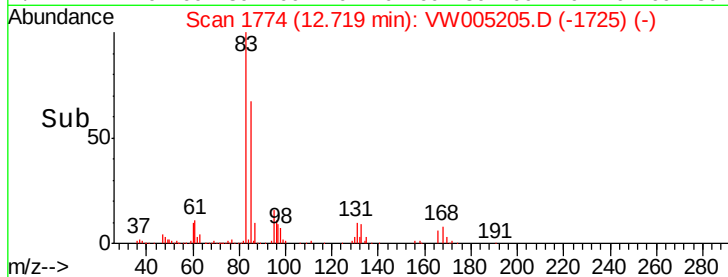
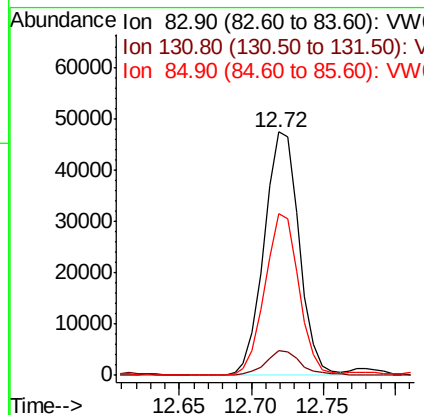
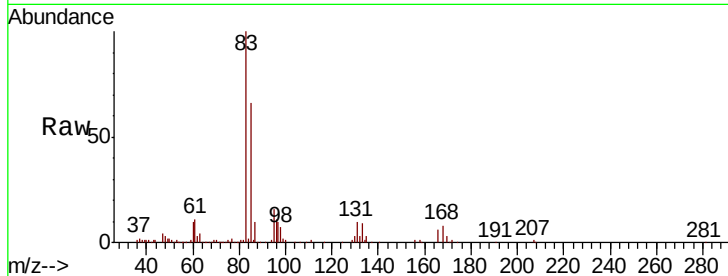
ClientSampleId :

VW0907SBSD01

Tot Ion:	83	Resp:	79707
Ion Ratio	Lower	Upper	
83	100		
131	10.4	5.5	16.4
85	64.6	32.5	97.4

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#76

1,2,3-Trichloropropane

Concen: 21.16 ug/l m

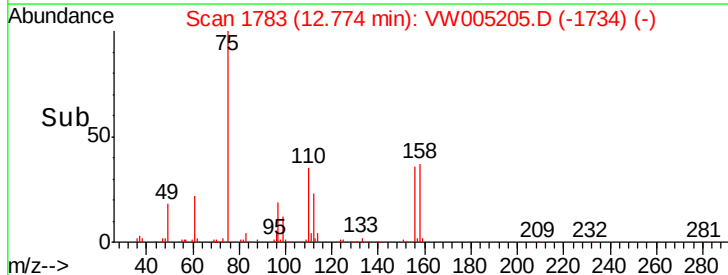
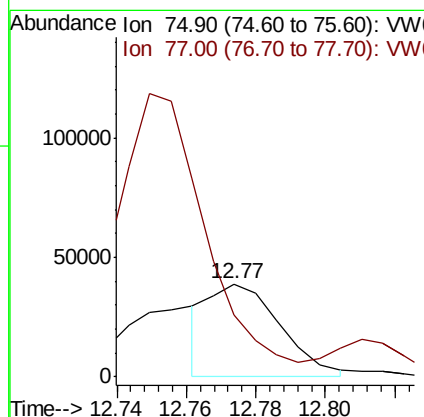
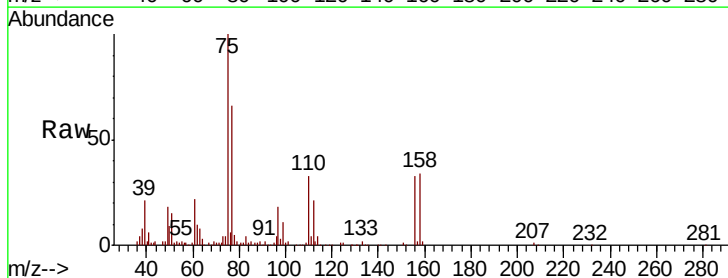
RT: 12.77 min Scan# 1783

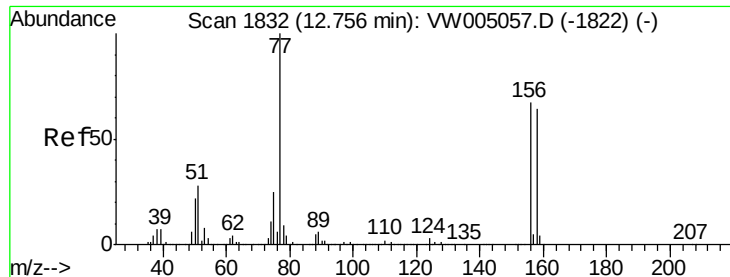
Delta R.T. -0.00 min

Lab File: VW005205.D

Acq: 07 Sep 2018 13:34

Tgt Ion:	75	Resp:	55852
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





#77

Bromobenzene

Concen: 19.80 ug/l

RT: 12.76 min Scan# 1780

Delta R.T. -0.00 min

Lab File: VW005205.D

Acq: 07 Sep 2018 13:34

Instrument :

MSVOA_W

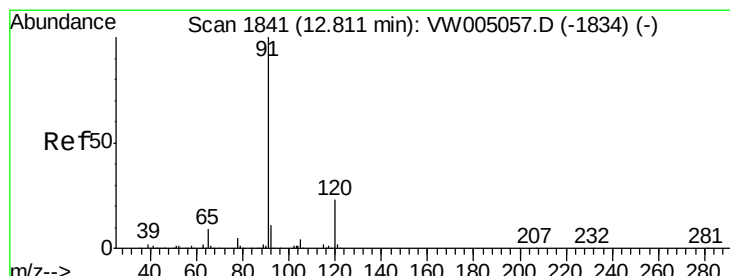
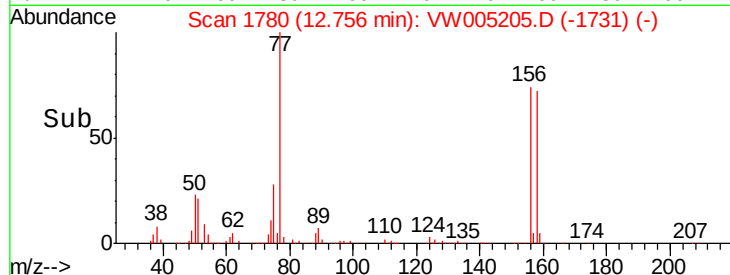
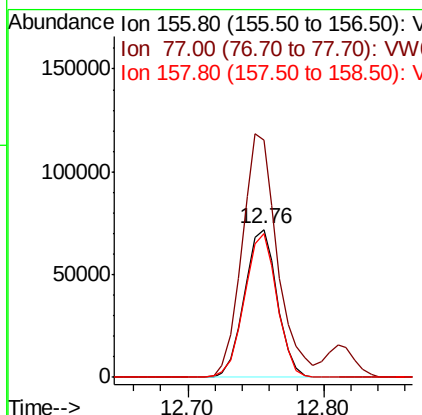
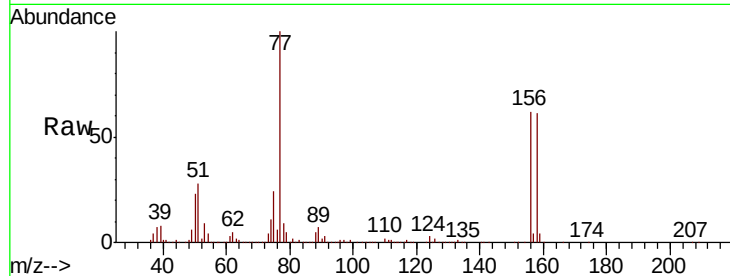
ClientSampleId :

VW0907SBS01

Tot Ion:	156	Resp:	120955
Ion Ratio	Lower	Upper	
156	100		
77	177.5	85.8	257.4
158	96.6	48.1	144.4

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#78

n-propylbenzene

Concen: 20.74 ug/l

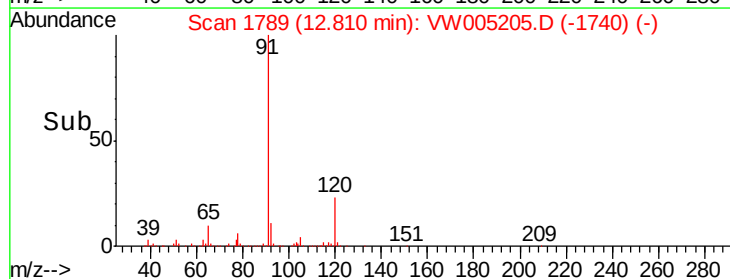
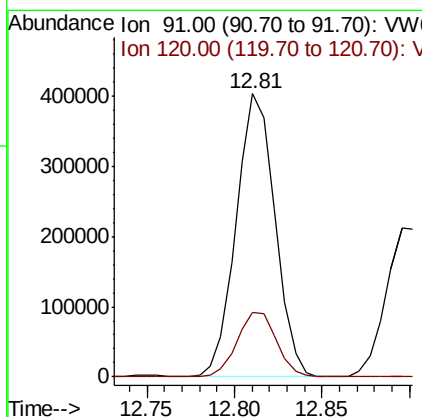
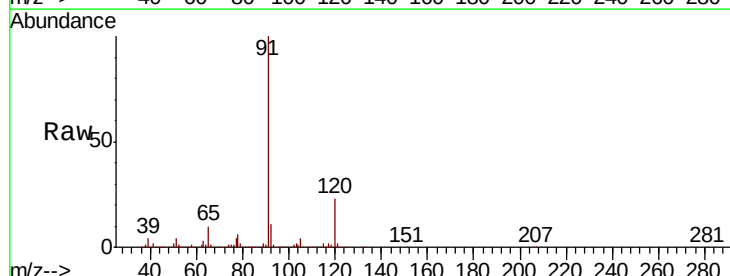
RT: 12.81 min Scan# 1789

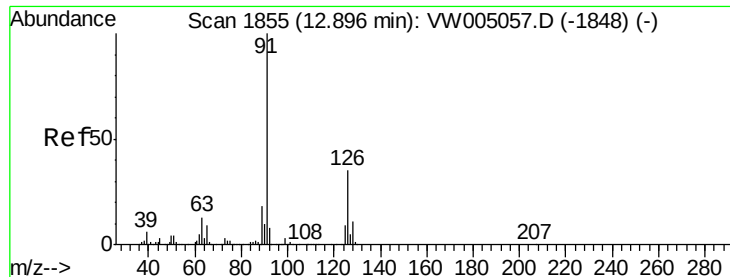
Delta R.T. -0.00 min

Lab File: VW005205.D

Acq: 07 Sep 2018 13:34

Tgt Ion:	91	Resp:	620686
Ion Ratio	Lower	Upper	
91	100		
120	23.2	11.8	35.3





#79

2-Chlorotoluene

Concen: 20.36 ug/l

RT: 12.90 min Scan# 1803

Delta R.T. -0.00 min

Lab File: VW005205.D

Acq: 07 Sep 2018 13:34

Instrument :

MSVOA_W

ClientSampleId :

VW0907SBS01

Tot Ion: 91 Resp: 35536

Ion Ratio Lower Upper

91 100

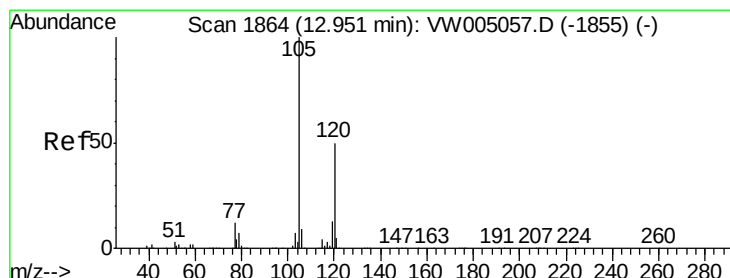
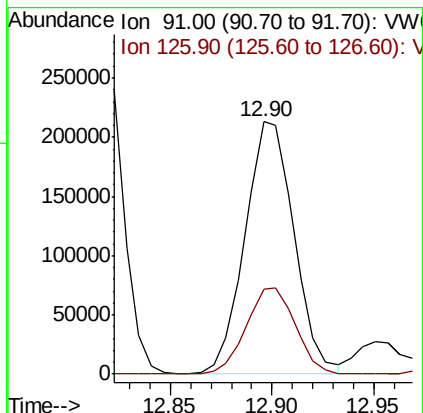
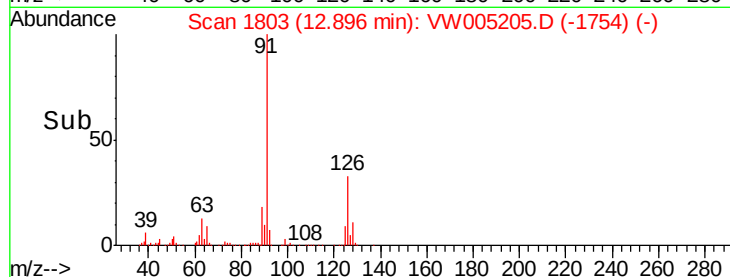
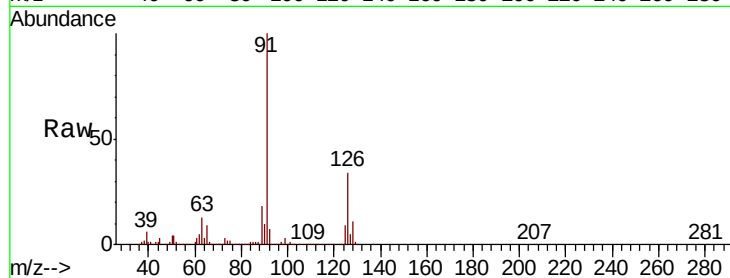
126 34.3 17.3 52.0

Manual Integrations

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#80

1,3,5-Trimethylbenzene

Concen: 20.32 ug/l

RT: 12.95 min Scan# 1812

Delta R.T. -0.00 min

Lab File: VW005205.D

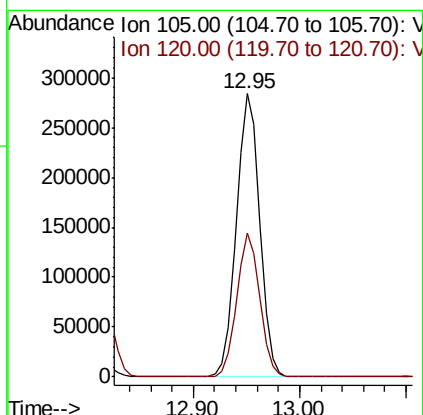
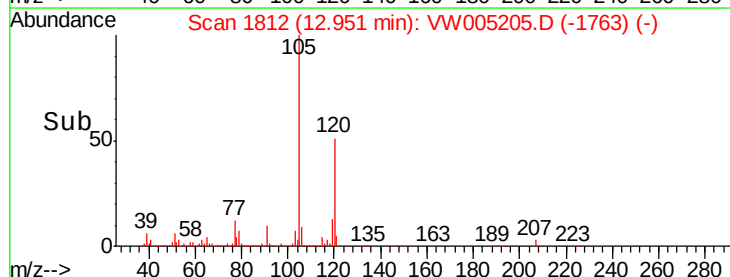
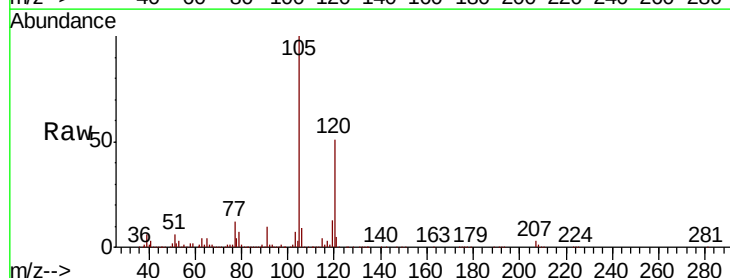
Acq: 07 Sep 2018 13:34

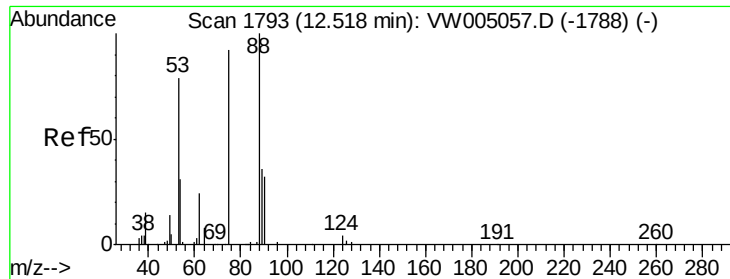
Tgt Ion: 105 Resp: 435717

Ion Ratio Lower Upper

105 100

120 49.8 24.9 74.8





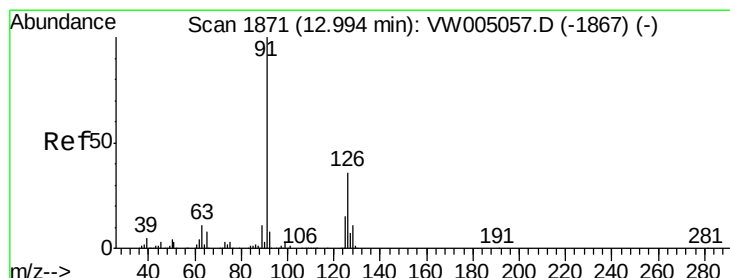
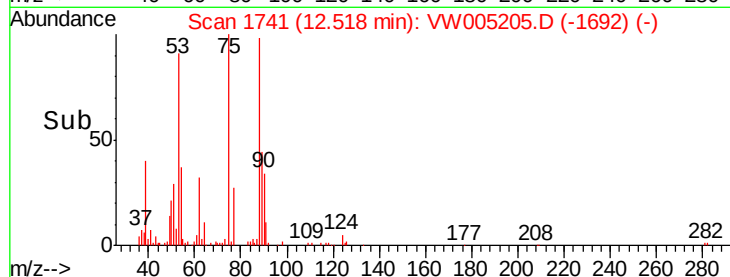
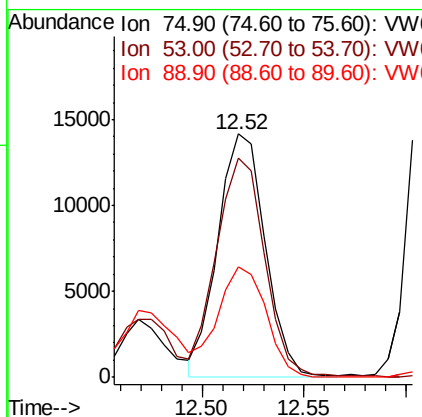
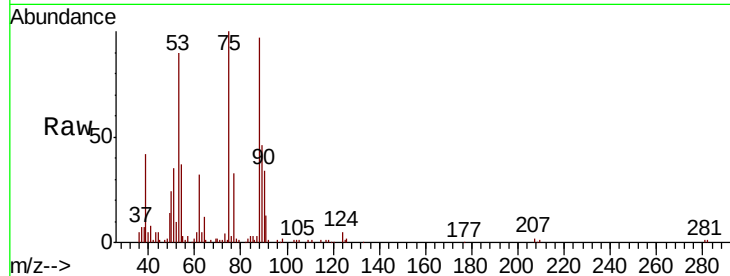
#81
trans-1,4-Dichloro-2-butene
Concen: 20.74 ug/l
RT: 12.52 min Scan# 1741
Delta R.T. -0.00 min
Lab File: VW005205.D
Acq: 07 Sep 2018 13:34

Instrument :
MSVOA_W
ClientSampleId :
VW0907SBSD01

Tot Ion	Ratio	Lower	Upper
75	100		
53	92.8	69.8	104.8
89	47.0	36.0	54.0

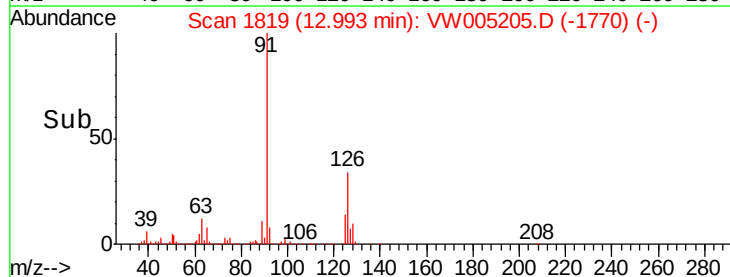
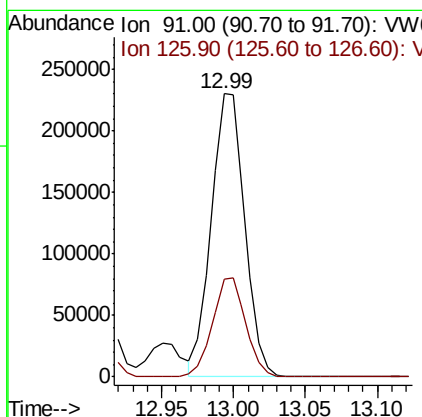
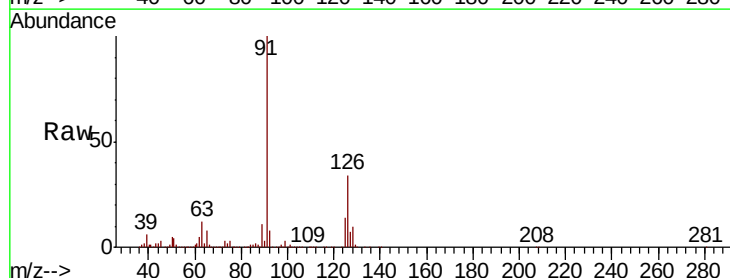
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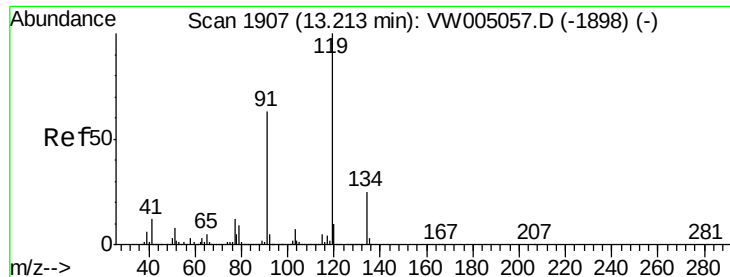
apatel
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#82
4-Chlorotoluene
Concen: 20.23 ug/l
RT: 12.99 min Scan# 1819
Delta R.T. -0.00 min
Lab File: VW005205.D
Acq: 07 Sep 2018 13:34

Tgt Ion	Ratio	Lower	Upper
91	100		
126	34.9	17.4	52.3





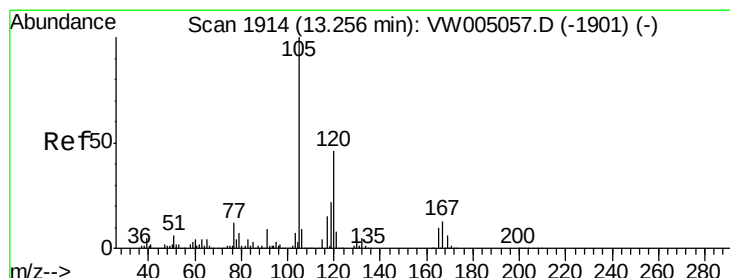
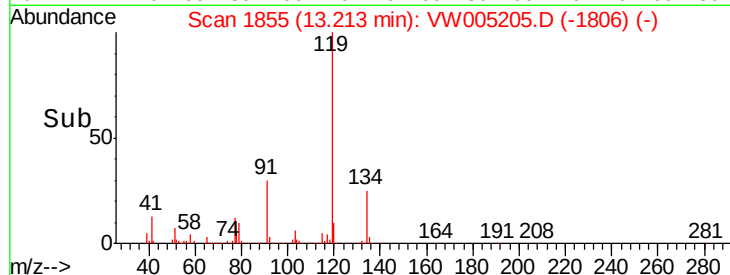
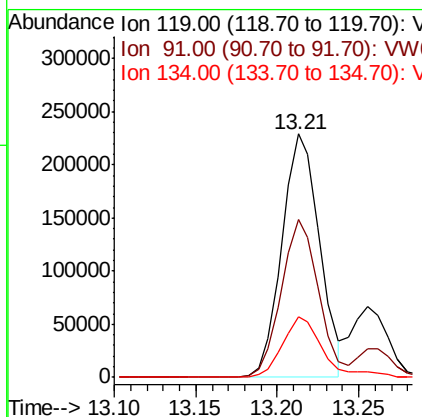
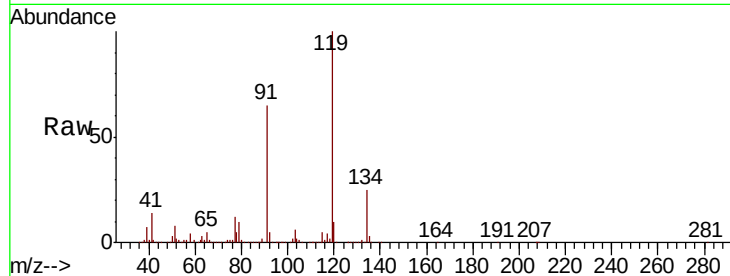
#83
tert-Butylbenzene
Concen: 20.61 ug/l
RT: 13.21 min Scan# 1855
Delta R.T. -0.00 min
Lab File: VW005205.D
Acq: 07 Sep 2018 13:34

Instrument :
MSVOA_W
ClientSampleId :
VW0907SBSD01

Tot Ion	Ratio	Resp	Lower	Upper
119	100	368954		
91	64.4	31.8	95.4	
134	26.5	13.0	39.0	

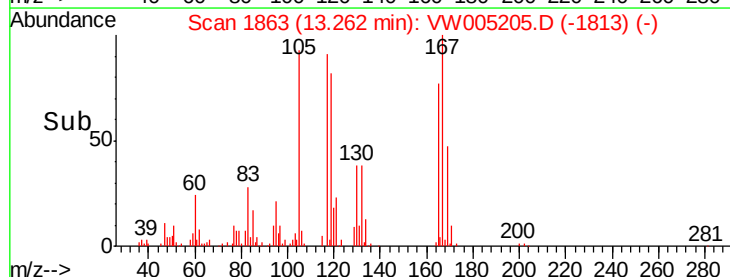
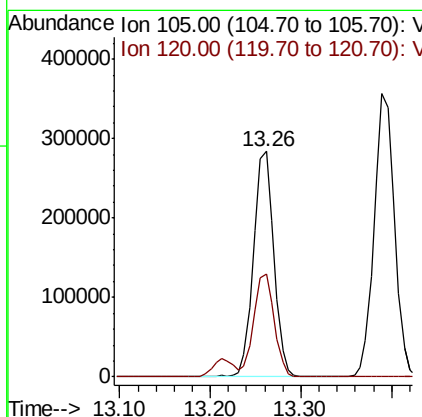
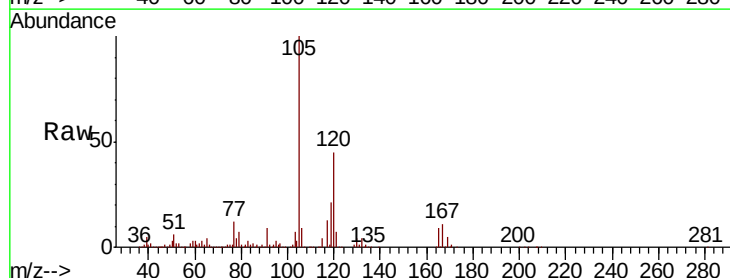
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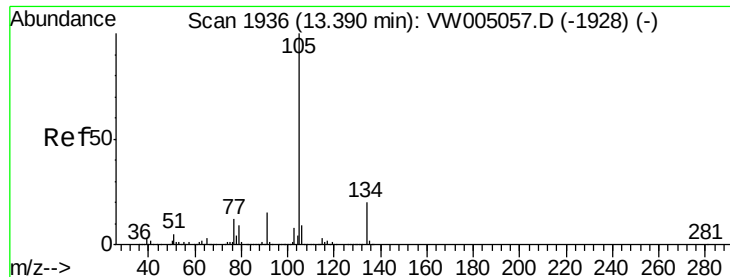
apatel
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#84
1,2,4-Trimethylbenzene
Concen: 20.33 ug/l
RT: 13.26 min Scan# 1863
Delta R.T. 0.01 min
Lab File: VW005205.D
Acq: 07 Sep 2018 13:34

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	443966		
120	45.8	23.1	69.3	





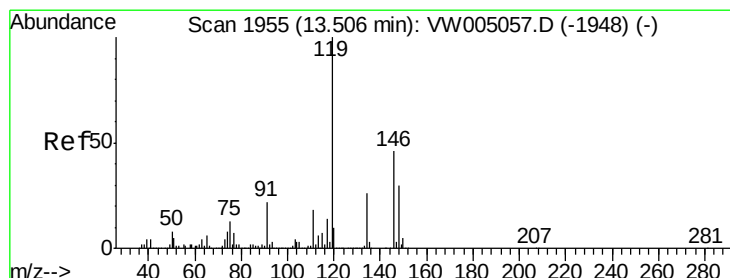
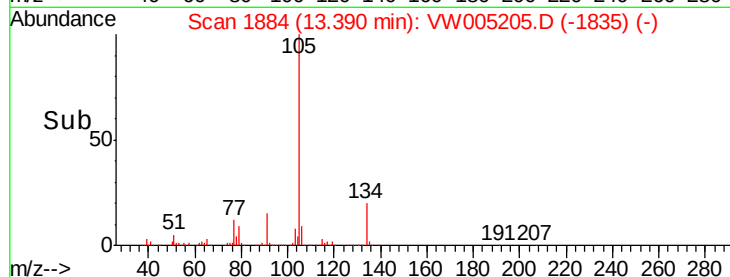
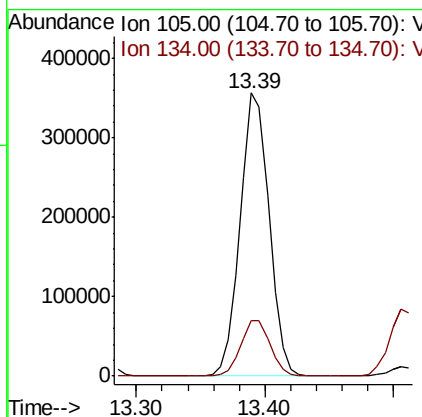
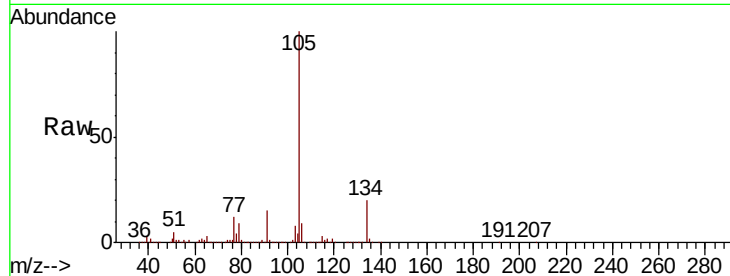
#85
 sec-Butylbenzene
 Concen: 20.99 ug/l
 RT: 13.39 min Scan# 1884
 Delta R.T. -0.00 min
 Lab File: VW005205.D
 Acq: 07 Sep 2018 13:34

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0907SBS01

Tot Ion	Ratio	Lower	Upper
105	100		
134	20.0	10.1	30.3

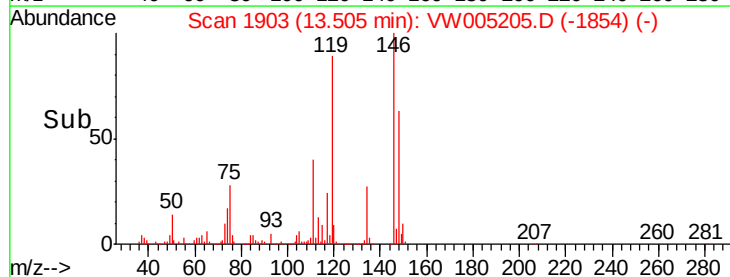
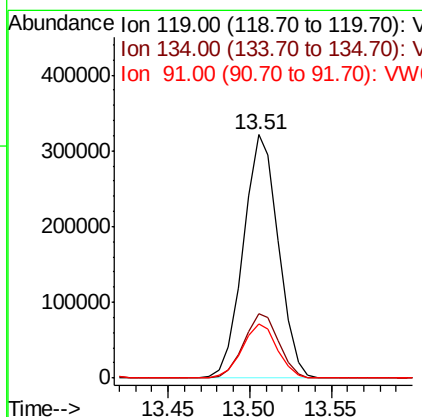
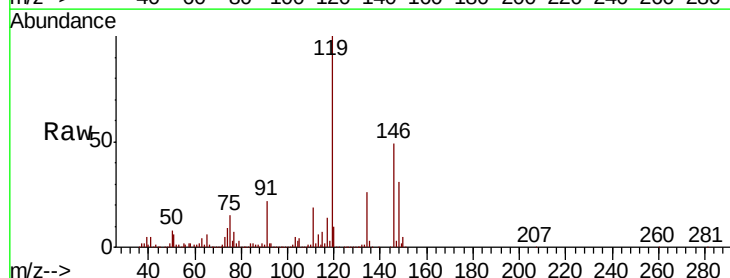
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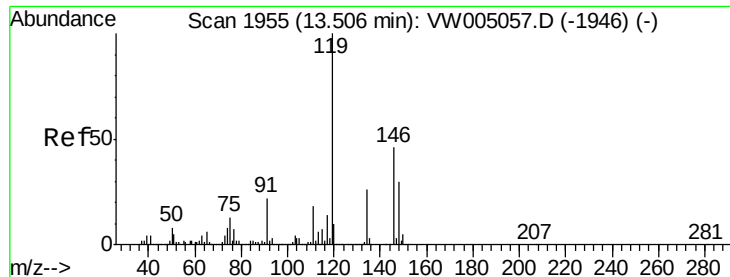
apatel
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#86
 p-Isopropyltoluene
 Concen: 20.64 ug/l
 RT: 13.51 min Scan# 1903
 Delta R.T. -0.00 min
 Lab File: VW005205.D
 Acq: 07 Sep 2018 13:34

Tgt Ion	Ratio	Lower	Upper
119	100		
134	26.6	13.3	39.8
91	22.3	10.9	32.9





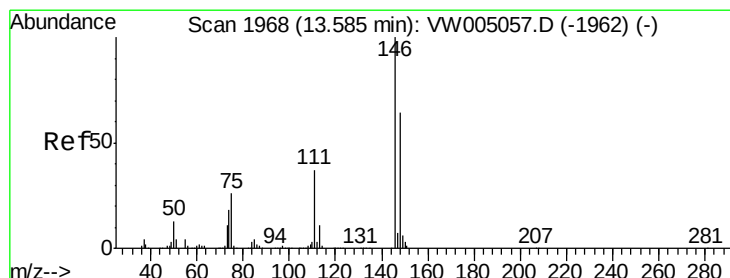
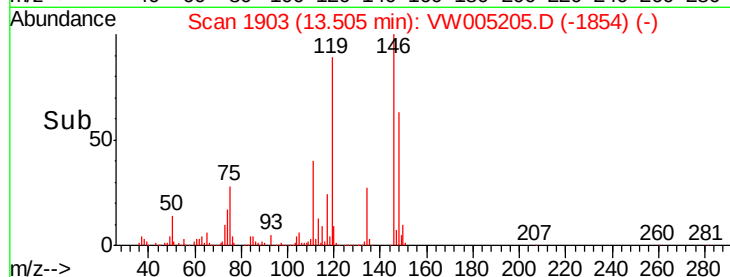
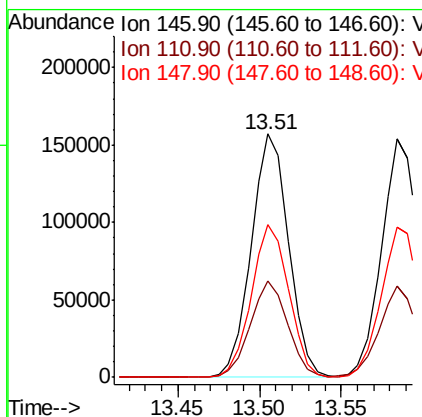
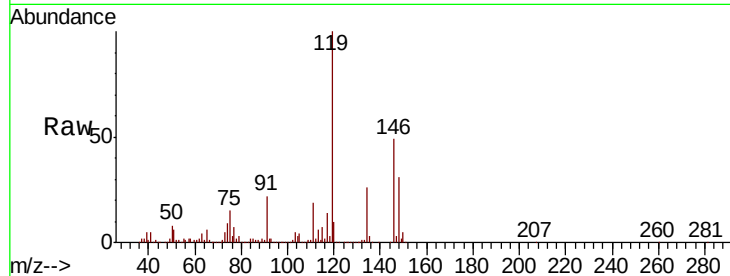
#87
 1,3-Dichlorobenzene
 Concen: 19.89 ug/l
 RT: 13.51 min Scan# 1903
 Delta R.T. -0.00 min
 Lab File: VW005205.D
 Acq: 07 Sep 2018 13:34

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0907SBSD01

Tot Ion	Ratio	Lower	Upper
146	100		
111	39.5	19.2	57.6
148	63.1	31.9	95.7

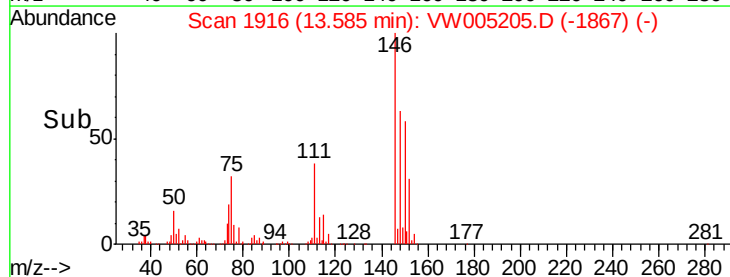
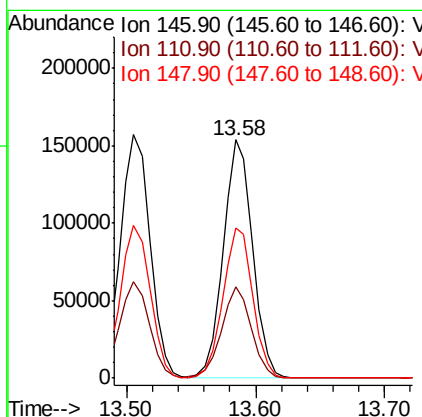
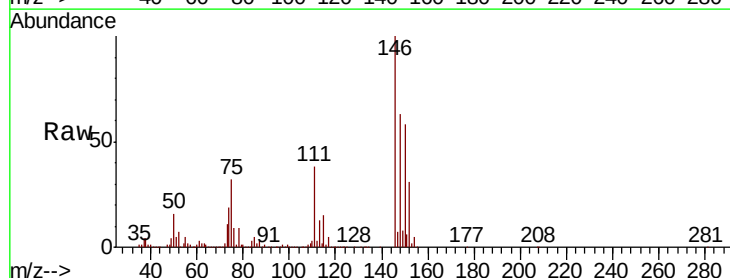
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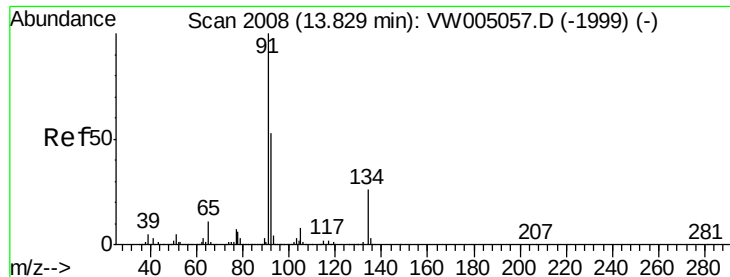
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#88
 1,4-Dichlorobenzene
 Concen: 19.70 ug/l
 RT: 13.58 min Scan# 1916
 Delta R.T. -0.00 min
 Lab File: VW005205.D
 Acq: 07 Sep 2018 13:34

Tgt Ion	Ratio	Lower	Upper
146	100		
111	38.9	18.6	56.0
148	64.0	32.0	96.0





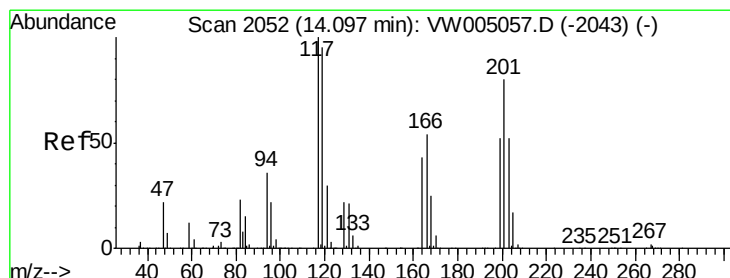
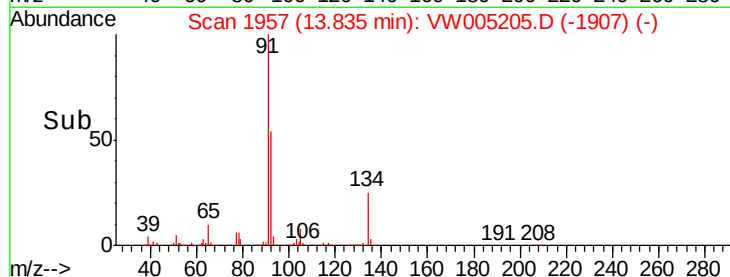
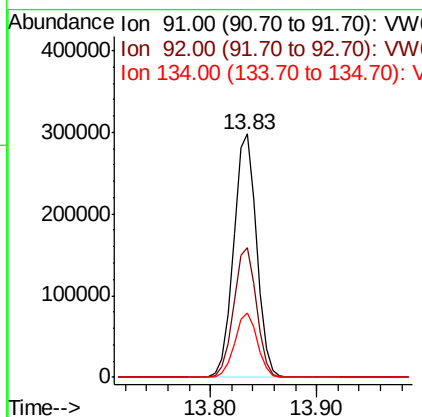
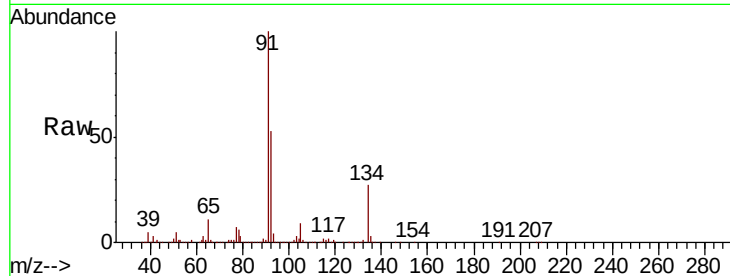
#89
n-Butylbenzene
Concen: 20.79 ug/l
RT: 13.83 min Scan# 1957
Delta R.T. 0.01 min
Lab File: VW005205.D
Acq: 07 Sep 2018 13:34

Instrument :
MSVOA_W
ClientSampleId :
VW0907SBSD01

Tot Ion	Ratio	Lower	Upper
91	100		
92	53.2	26.5	79.5
134	26.1	13.5	40.4

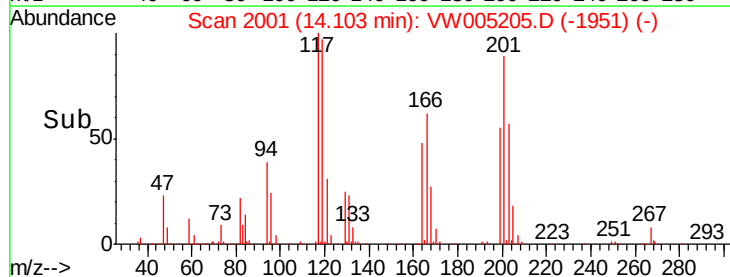
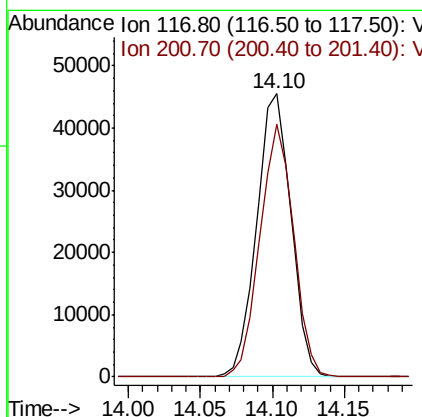
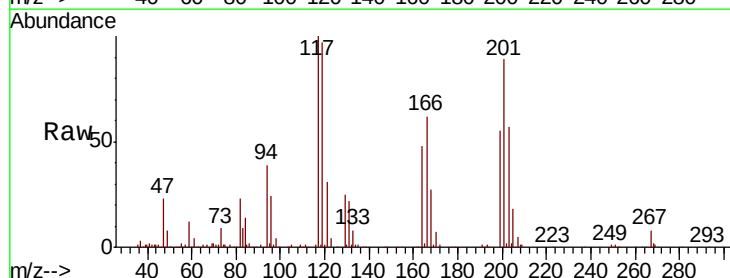
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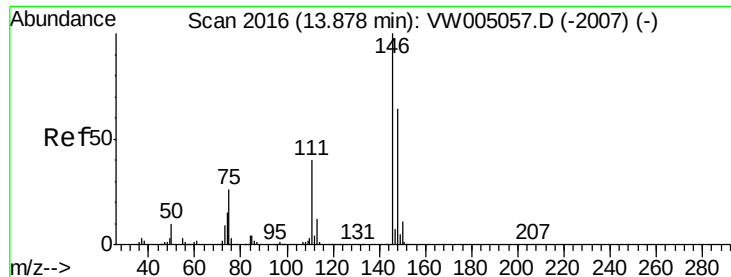
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#90
Hexachloroethane
Concen: 19.43 ug/l
RT: 14.10 min Scan# 2001
Delta R.T. 0.01 min
Lab File: VW005205.D
Acq: 07 Sep 2018 13:34

Tgt Ion	Ratio	Lower	Upper
117	100		
201	87.1	44.6	133.8





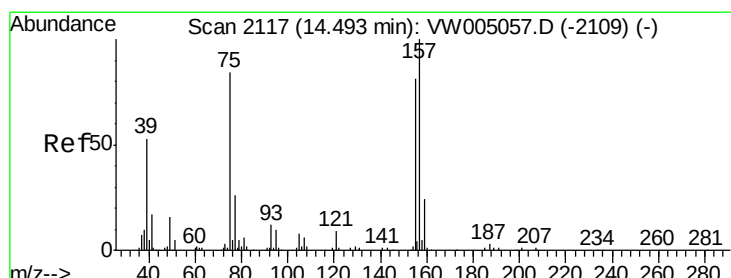
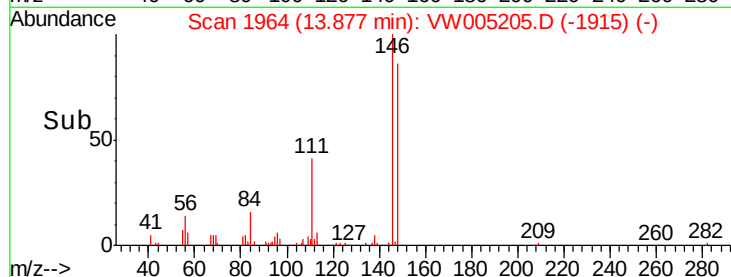
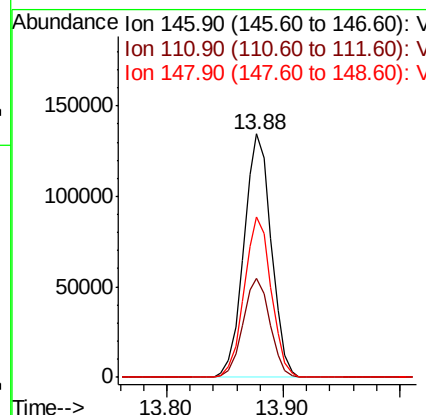
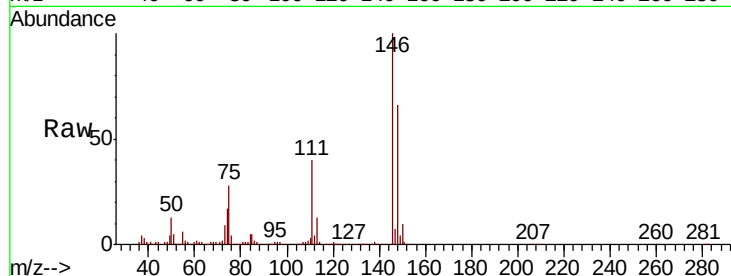
#91
 1,2-Dichlorobenzene
 Concen: 20.14 ug/l
 RT: 13.88 min Scan# 1964
 Delta R.T. -0.00 min
 Lab File: VW005205.D
 Acq: 07 Sep 2018 13:34

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0907SBSD01

Tot Ion	Ratio	Lower	Upper
146	100		
111	40.5	19.9	59.7
148	65.2	31.9	95.9

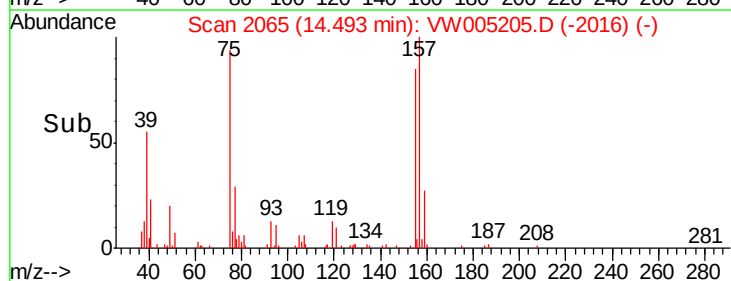
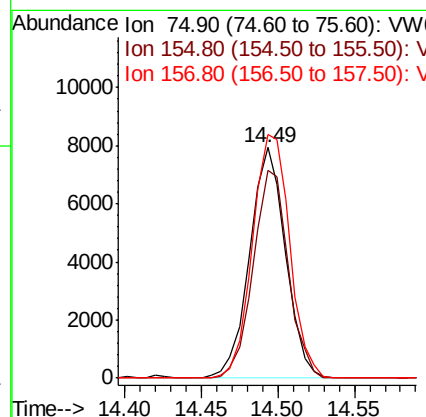
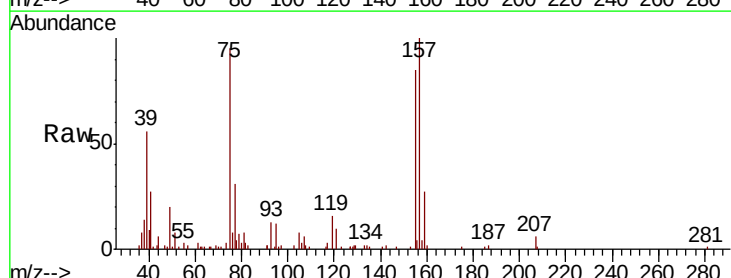
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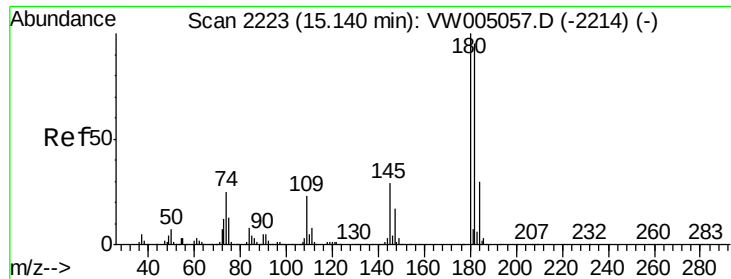
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 21.97 ug/l
 RT: 14.49 min Scan# 2065
 Delta R.T. -0.00 min
 Lab File: VW005205.D
 Acq: 07 Sep 2018 13:34

Tgt Ion	Ratio	Lower	Upper
75	100		
155	88.0	46.0	137.8
157	109.6	58.6	175.7





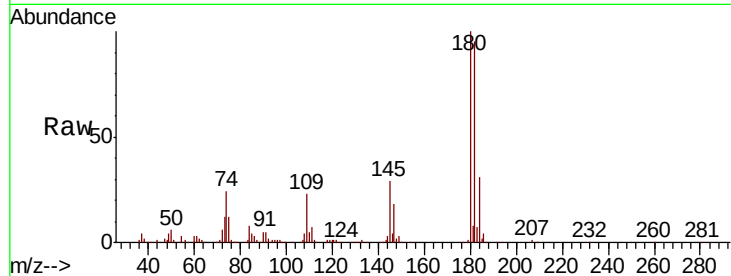
#93
 1,2,4-Trichlorobenzene
 Concen: 20.00 ug/l
 RT: 15.15 min Scan# 2172
 Delta R.T. 0.01 min
 Lab File: VW005205.D
 Acq: 07 Sep 2018 13:34

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0907SBSD01

Tot Ion	Ratio	Resp	Lower	Upper
180	100	146697		
182	95.3	47.5	142.6	
145	29.5	14.4	43.2	

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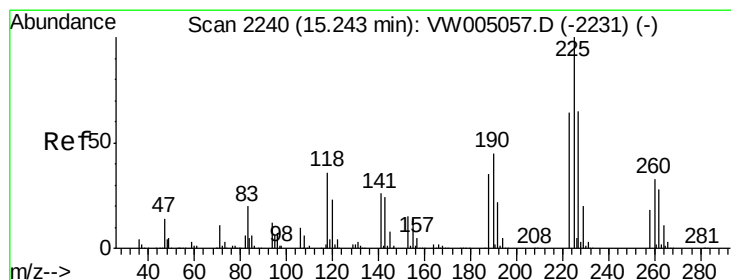
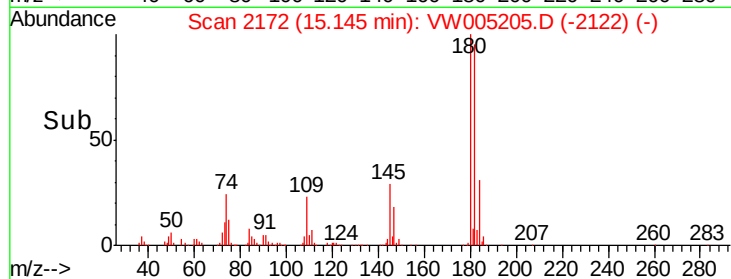
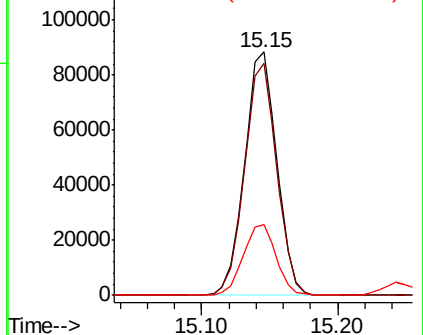


Abundance

Ion 179.80 (179.50 to 180.50): V

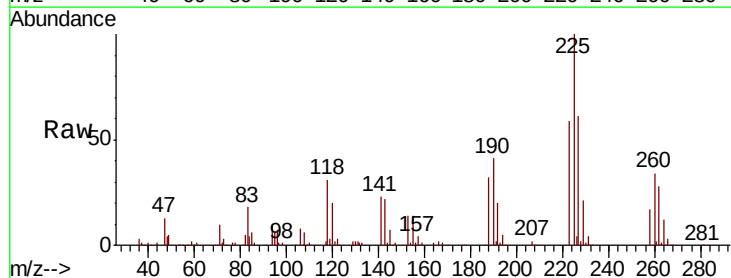
Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V



#94
 Hexachlorobutadiene
 Concen: 21.31 ug/l
 RT: 15.25 min Scan# 2189
 Delta R.T. 0.01 min
 Lab File: VW005205.D
 Acq: 07 Sep 2018 13:34

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	97215		
223	61.4	31.4	94.3	
227	62.9	32.0	96.0	

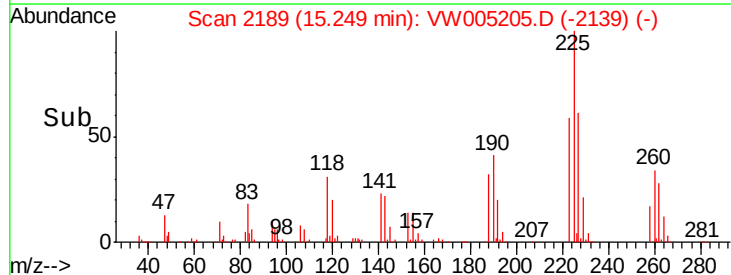
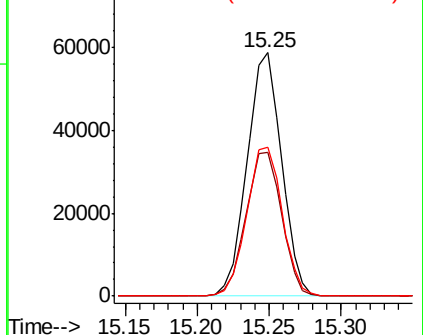


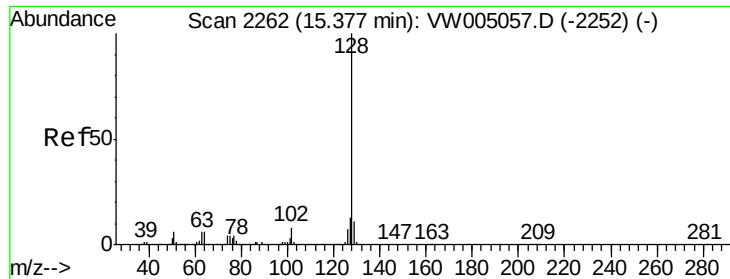
Abundance

Ion 224.70 (224.40 to 225.40): V

Ion 222.70 (222.40 to 223.40): V

Ion 226.70 (226.40 to 227.40): V





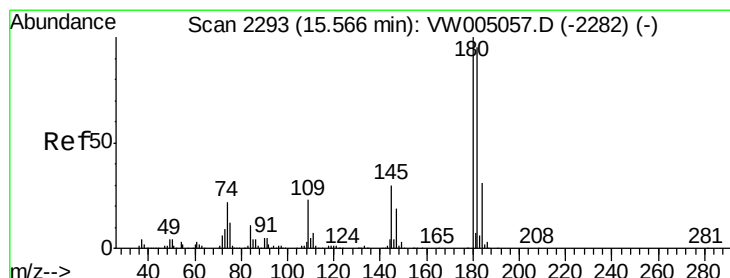
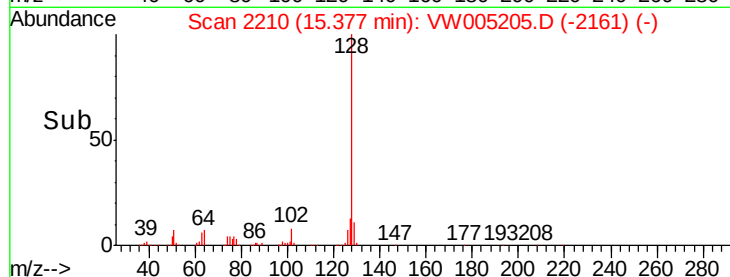
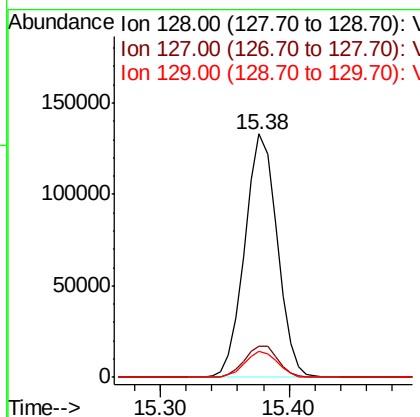
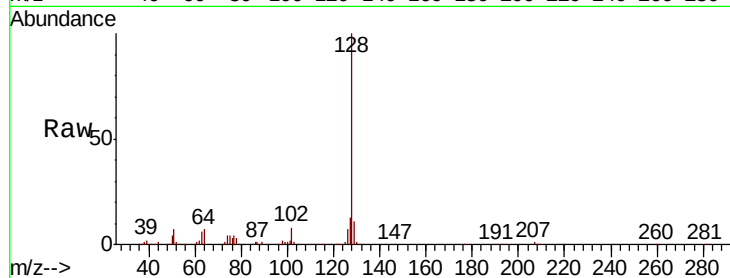
#95
Naphthalene
Concen: 20.82 ug/l
RT: 15.38 min Scan# 2210
Delta R.T. -0.00 min
Lab File: VW005205.D
Acq: 07 Sep 2018 13:34

Instrument :
MSVOA_W
ClientSampleId :
VW0907SBSD01

Tot Ion	Ratio	Resp	Lower	Upper
128	100	231939		
127	13.4		10.4	15.6
129	10.8		8.7	13.1

Manual Integrations
APPROVED

apatel
9/10/2018 10:50:49 AM



#96
1,2,3-Trichlorobenzene
Concen: 20.19 ug/l
RT: 15.57 min Scan# 2241
Delta R.T. -0.00 min
Lab File: VW005205.D
Acq: 07 Sep 2018 13:34

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	126701		
182	96.4		47.4	142.3
145	30.3		15.4	46.1

