

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW102518\
 Data File : VW006334.D
 Acq On : 25 Oct 2018 00:10
 Operator : SY/AP
 Sample : VW1024SBSD01
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1024SBSD01

Manual Integrations
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Quant Time: Oct 25 11:20:07 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W101518S.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 18 17:01:24 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	226920	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	328336	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	295461	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	166341	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	92559	49.20	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.40%	
35) Dibromofluoromethane	7.88	113	95458	49.20	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.40%	
50) Toluene-d8	10.33	98	352647	47.78	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.56%	
62) 4-Bromofluorobenzene	12.62	95	134086	48.37	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.74%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.01	85	18466	16.445	ug/l	90
3) Chloromethane	2.21	50	27613	19.103	ug/l	99
4) Vinyl Chloride	2.37	62	42152	20.420	ug/l	98
5) Bromomethane	2.78	94	39207	20.882	ug/l	97
6) Chloroethane	2.93	64	32164	21.742	ug/l	95
7) Trichlorofluoromethane	3.26	101	38962	20.261	ug/l	99
8) Diethyl Ether	3.68	74	22049	21.574	ug/l	93
9) 1,1,2-Trichlorotrifluoroet	4.06	101	43334	21.503	ug/l	98
10) Methyl Iodide	4.26	142	70940	21.149	ug/l	99
11) Tert butyl alcohol	5.24	59	13062	103.236	ug/l #	87
12) 1,1-Dichloroethene	4.03	96	39945	21.068	ug/l	96
13) Acrolein	3.90	56	12704	103.765	ug/l	99
14) Allyl chloride	4.67	41	54051	19.938	ug/l	99
15) Acrylonitrile	5.38	53	41415	112.981	ug/l	99
16) Acetone	4.14	43	38075	98.933	ug/l	100
17) Carbon Disulfide	4.37	76	103166	18.029	ug/l	99
18) Methyl Acetate	4.68	43	21877	23.108	ug/l	100
19) Methyl tert-butyl Ether	5.43	73	61280	21.220	ug/l	99
20) Methylene Chloride	4.92	84	45612	22.002	ug/l	97
21) trans-1,2-Dichloroethene	5.42	96	46491	21.968	ug/l	97
22) Diisopropyl ether	6.31	45	115960	21.645	ug/l	97
23) Vinyl Acetate	6.26	43	324569	102.659	ug/l	99
24) 1,1-Dichloroethane	6.21	63	77897	22.534	ug/l	98
25) 2-Butanone	7.18	43	55006	108.231	ug/l	96
26) 2,2-Dichloropropane	7.17	77	46130	18.921	ug/l	99
27) cis-1,2-Dichloroethene	7.17	96	52571	22.510	ug/l	99
28) Bromochloromethane	7.51	49	25381	19.018	ug/l	95
29) Tetrahydrofuran	7.54	42	33512	107.274	ug/l	97
30) Chloroform	7.68	83	84410	22.412	ug/l	99
31) Cyclohexane	7.95	56	68920	20.020	ug/l	97
32) 1,1,1-Trichloroethane	7.87	97	71471	21.037	ug/l	99
36) 1,1-Dichloropropene	8.08	75	66096	21.840	ug/l	100
37) Ethyl Acetate	7.26	43	24200	21.523	ug/l	99
38) Carbon Tetrachloride	8.07	117	66217	19.959	ug/l	98

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Quant Time: Oct 25 11:20:07 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W101518S.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 18 17:01:24 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	82426	20.490	ug/l	98
40) Benzene	8.32	78	184476	22.222	ug/l	100
41) Methacrylonitrile	7.49	41	13561	20.006	ug/l	91
42) 1,2-Dichloroethane	8.40	62	54540	22.362	ug/l	99
43) Isopropyl Acetate	8.43	43	47470	20.648	ug/l	99
44) Trichloroethene	9.09	130	56219	22.074	ug/l	99
45) 1,2-Dichloropropane	9.37	63	43655	21.976	ug/l	95
46) Dibromomethane	9.46	93	24959	22.045	ug/l	99
47) Bromodichloromethane	9.65	83	57787	21.052	ug/l	98
48) Methyl methacrylate	9.44	41	23283	21.365	ug/l	97
49) 1,4-Dioxane	9.49	88	7944	455.769	ug/l #	99
51) 4-Methyl-2-Pentanone	10.21	43	123165	106.925	ug/l	98
52) Toluene	10.39	92	124064	22.292	ug/l	98
53) t-1,3-Dichloropropene	10.61	75	53407	19.528	ug/l	99
54) cis-1,3-Dichloropropene	10.07	75	63653	20.279	ug/l	99
55) 1,1,2-Trichloroethane	10.79	97	35747	22.562	ug/l	98
56) Ethyl methacrylate	10.65	69	41257	21.241	ug/l	98
57) 1,3-Dichloropropane	10.93	76	58515	22.310	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.93	63	81528	109.848	ug/l	99
59) 2-Hexanone	10.98	43	83556	101.618	ug/l	97
60) Dibromochloromethane	11.13	129	39526	20.028	ug/l	100
61) 1,2-Dibromoethane	11.24	107	35274	22.282	ug/l	99
64) Tetrachloroethene	10.87	164	52656	22.957	ug/l	98
65) Chlorobenzene	11.66	112	144009	22.768	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.73	131	48085	21.392	ug/l	98
67) Ethyl Benzene	11.74	91	245037	22.355	ug/l	100
68) m/p-Xylenes	11.84	106	192568	44.447	ug/l	99
69) o-Xylene	12.17	106	93055	22.537	ug/l	96
70) Styrene	12.18	104	146996	21.893	ug/l	100
71) Bromoform	12.35	173	24350	19.422	ug/l #	99
73) Isopropylbenzene	12.47	105	255761	21.764	ug/l	99
74) N-amyl acetate	12.28	43	46810	20.509	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.72	83	40728	22.787	ug/l	100
76) 1,2,3-Trichloropropane	12.77	75	30700m	24.163	ug/l	
77) Bromobenzene	12.75	156	64323	22.347	ug/l	98
78) n-propylbenzene	12.81	91	301424	22.047	ug/l	100
79) 2-Chlorotoluene	12.90	91	168682	21.959	ug/l	99
80) 1,3,5-Trimethylbenzene	12.95	105	216160	21.819	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.52	75	9411	17.706	ug/l	91
82) 4-Chlorotoluene	12.99	91	178264	22.153	ug/l	99
83) tert-Butylbenzene	13.21	119	193489	21.830	ug/l	96
84) 1,2,4-Trimethylbenzene	13.26	105	220785	22.024	ug/l	100
85) sec-Butylbenzene	13.39	105	276098	22.049	ug/l	100
86) p-Isopropyltoluene	13.51	119	249394	22.019	ug/l	100
87) 1,3-Dichlorobenzene	13.51	146	127357	22.233	ug/l	100
88) 1,4-Dichlorobenzene	13.58	146	126792	22.230	ug/l	99
89) n-Butylbenzene	13.83	91	226981	21.913	ug/l	99
90) Hexachloroethane	14.10	117	37788	19.697	ug/l	99
91) 1,2-Dichlorobenzene	13.88	146	113908	22.293	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	6478	20.243	ug/l	99

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ClientSampleId :
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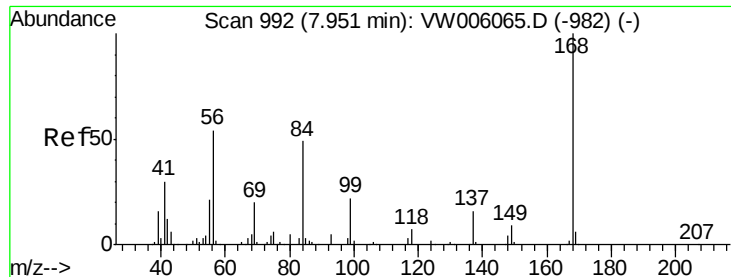
Manual Integrations
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W101518S.M
Quant Title : SW846 8260
QLast Update : Thu Oct 18 17:01:24 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.14	180	95672	24.334	ug/l	100
94) Hexachlorobutadiene	15.24	225	54403	22.027	ug/l	98
95) Naphthalene	15.38	128	143455	21.934	ug/l	100
96) 1,2,3-Trichlorobenzene	15.57	180	78118	22.972	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 992

Delta R.T. 0.00 min

Lab File: VW006334.D

Acq: 25 Oct 2018 00:10

Instrument :

MSVOA_W

ClientSampleId :

VW1024SBSD01

Tot Ion:168 Resp: 226920

Ion Ratio Lower Upper

168 100

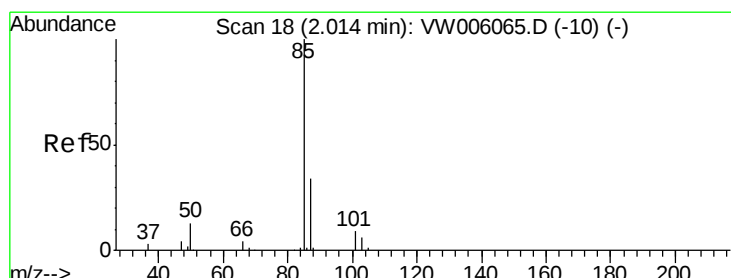
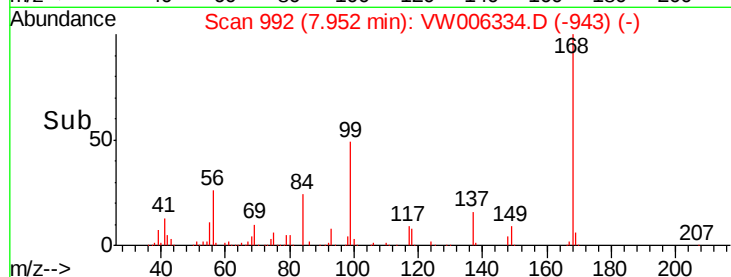
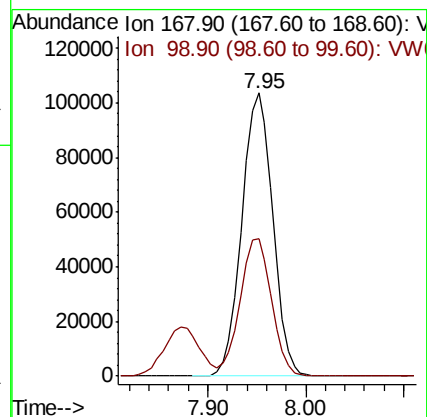
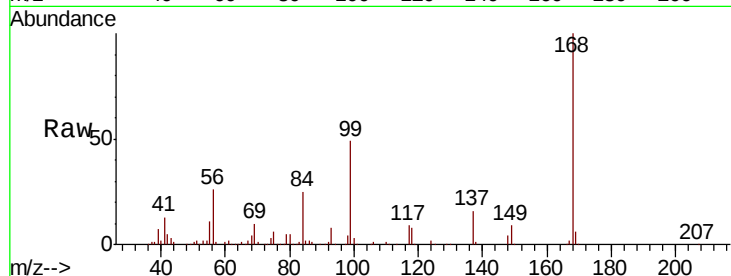
99 48.6 39.9 59.9

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#2

Dichlorodifluoromethane

Concen: 16.445 ug/l

RT: 2.01 min Scan# 17

Delta R.T. -0.01 min

Lab File: VW006334.D

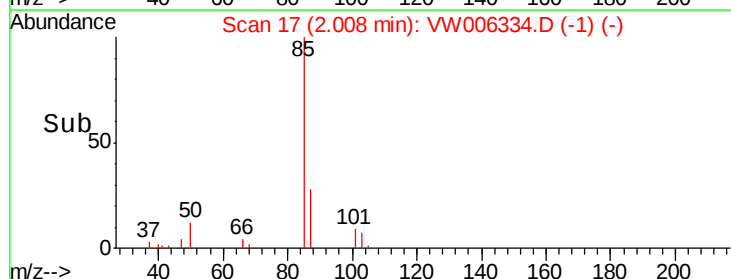
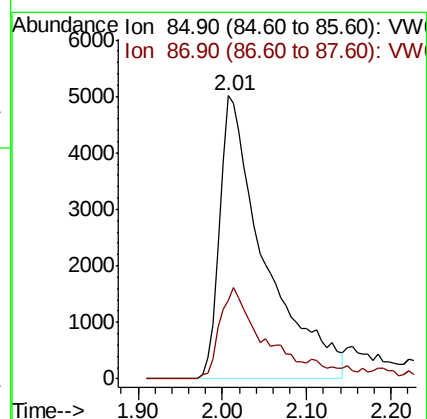
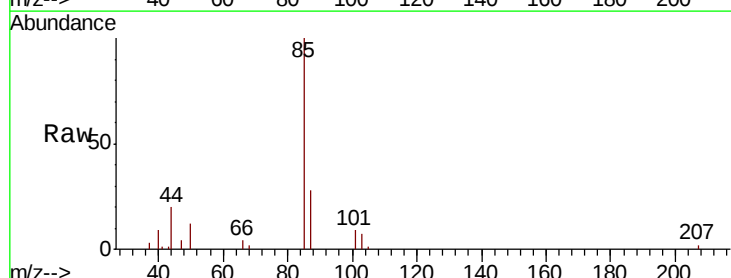
Acq: 25 Oct 2018 00:10

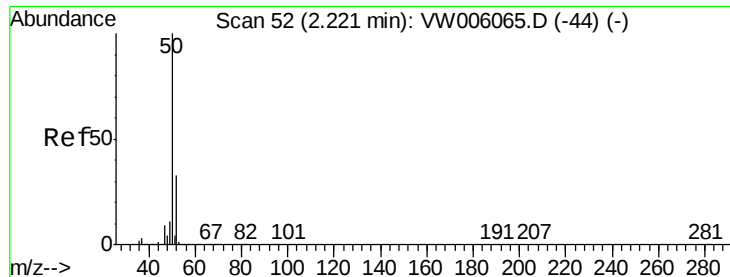
Tgt Ion: 85 Resp: 18466

Ion Ratio Lower Upper

85 100

87 27.7 16.9 50.6





#3

Chloromethane

Concen: 19.103 ug/l

RT: 2.21 min Scan# 51

Delta R.T. -0.01 min

Lab File: VW006334.D

Acq: 25 Oct 2018 00:10

Instrument :

MSVOA_W

ClientSampleId :

VW1024SBSD01

Tot Ion: 50 Resp: 27613

Ion Ratio Lower Upper

50 100

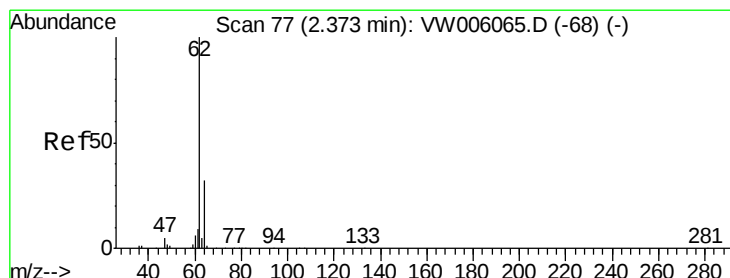
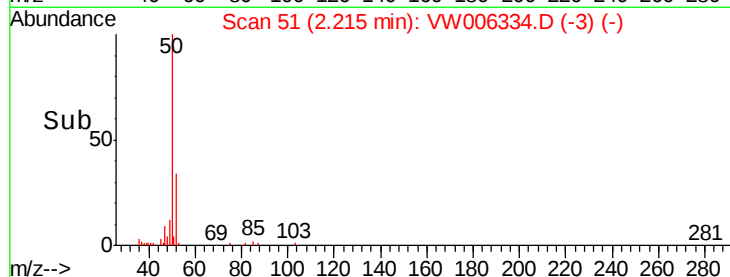
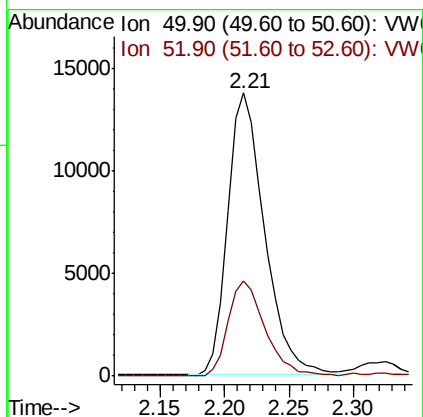
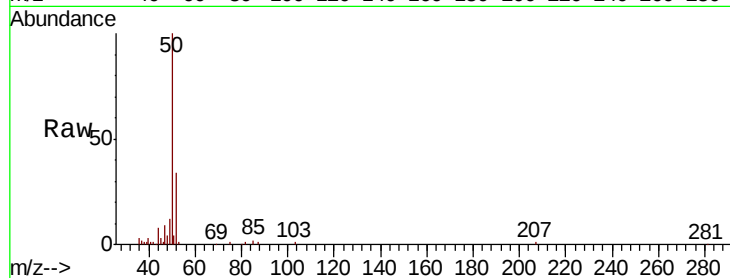
52 33.9 26.8 40.2

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#4

Vinyl Chloride

Concen: 20.420 ug/l

RT: 2.37 min Scan# 76

Delta R.T. -0.01 min

Lab File: VW006334.D

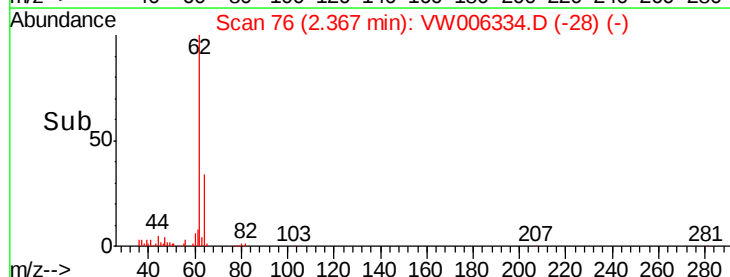
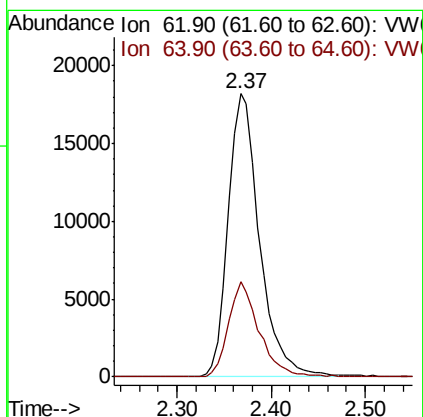
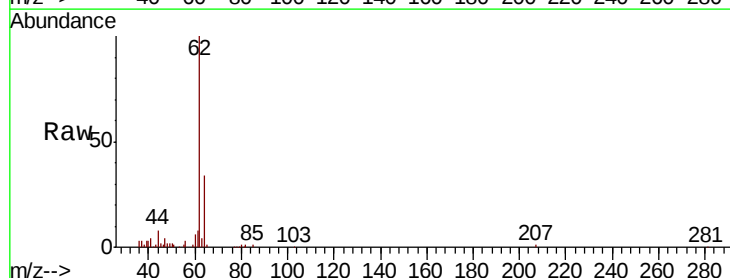
Acq: 25 Oct 2018 00:10

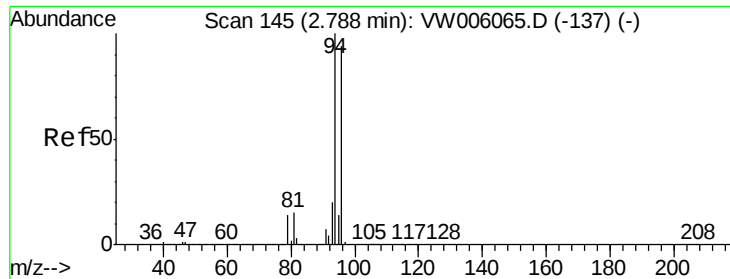
Tgt Ion: 62 Resp: 42152

Ion Ratio Lower Upper

62 100

64 33.7 25.9 38.9





#5

Bromomethane

Concen: 20.882 ug/l

RT: 2.78 min Scan# 144

Delta R.T. -0.01 min

Lab File: VW006334.D

Acq: 25 Oct 2018 00:10

Instrument :

MSVOA_W

ClientSampleId :

VW1024SBSD01

Tot Ion: 94 Resp: 39207

Ion Ratio Lower Upper

94 100

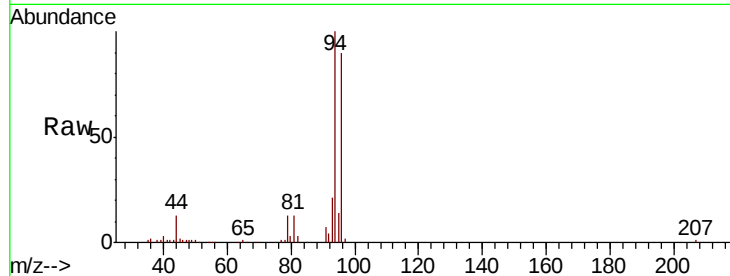
96 90.3 74.9 112.3

Manual Integrations

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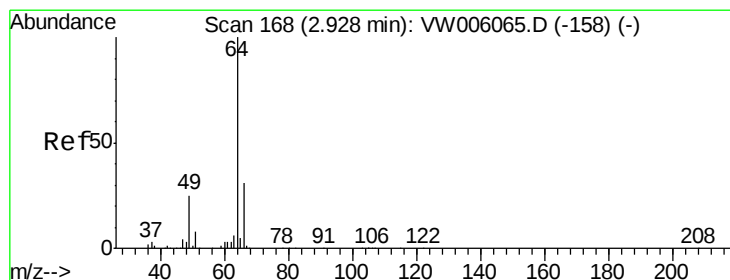
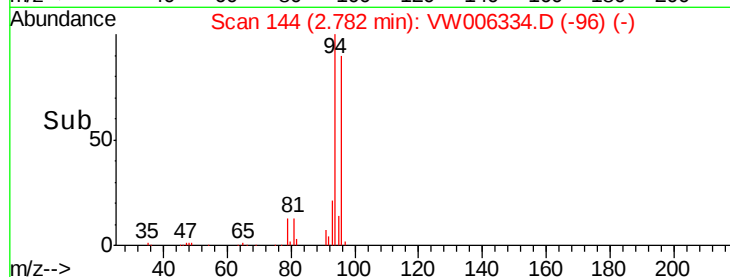
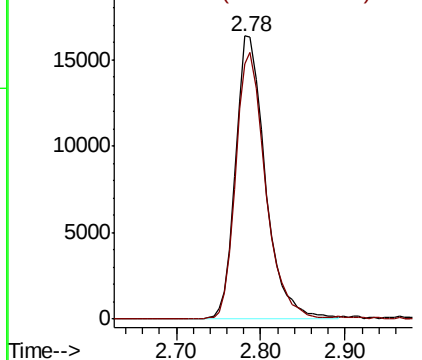
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Abundance Ion 93.90 (93.60 to 94.60): VW

Ion 95.90 (95.60 to 96.60): VW



#6

Chloroethane

Concen: 21.742 ug/l

RT: 2.93 min Scan# 168

Delta R.T. 0.00 min

Lab File: VW006334.D

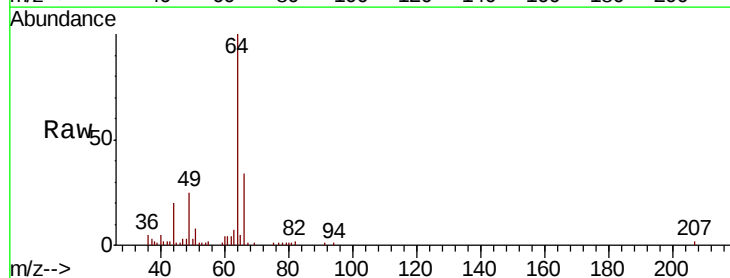
Acq: 25 Oct 2018 00:10

Tgt Ion: 64 Resp: 32164

Ion Ratio Lower Upper

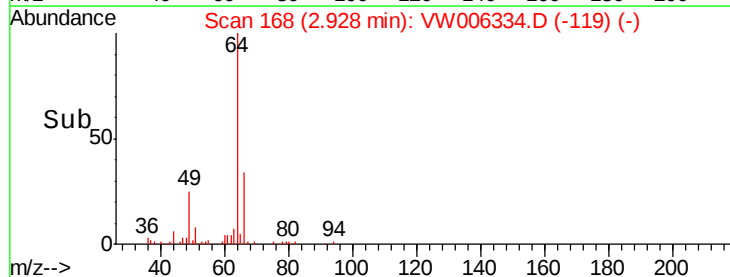
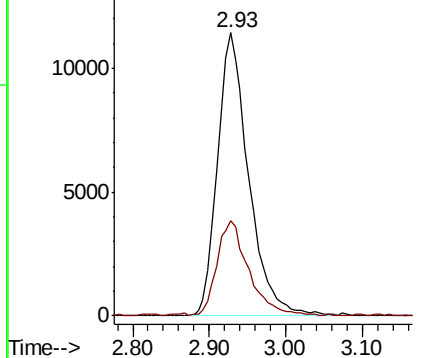
64 100

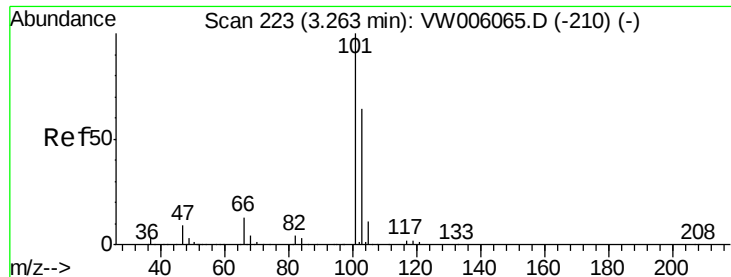
66 33.8 24.9 37.3



Abundance Ion 63.90 (63.60 to 64.60): VW

Ion 65.90 (65.60 to 66.60): VW





#7

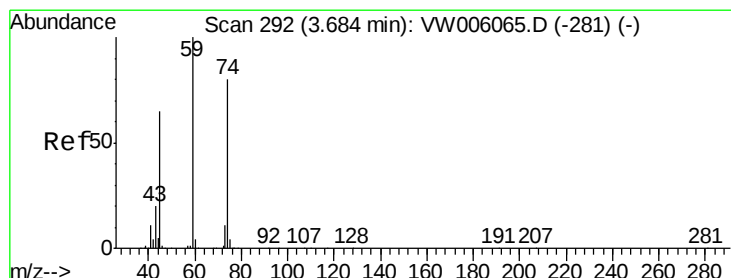
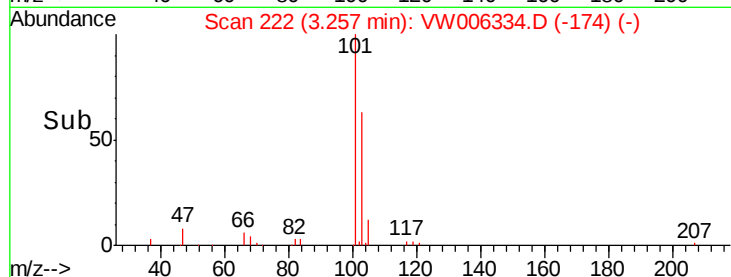
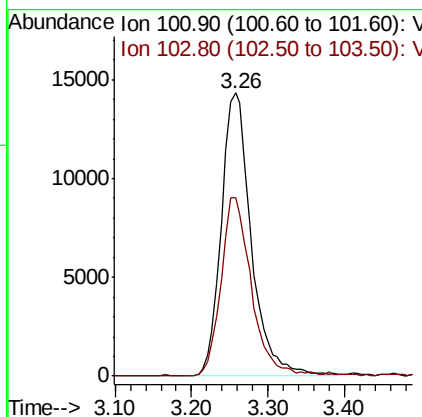
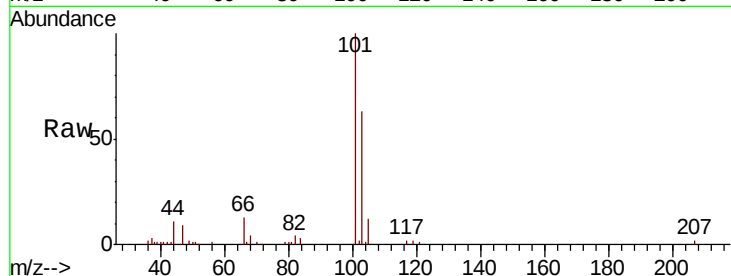
Trichlorofluoromethane
Concen: 20.261 ug/l
RT: 3.26 min Scan# 222
Delta R.T. -0.01 min
Lab File: VW006334.D
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VW1024SBSD01

Tot Ion	Ratio	Lower	Upper
101	100		
103	63.1	51.2	76.8

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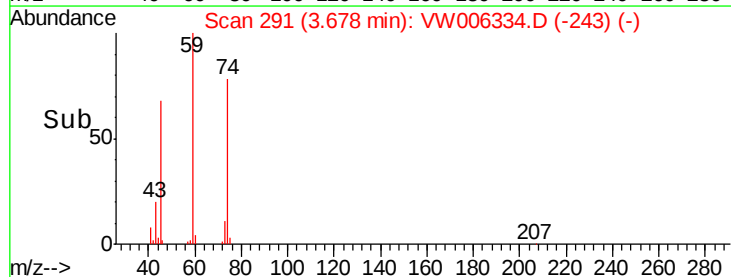
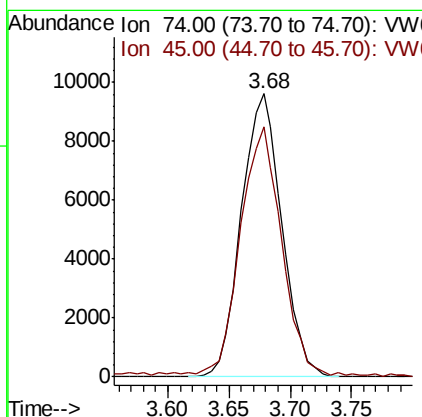
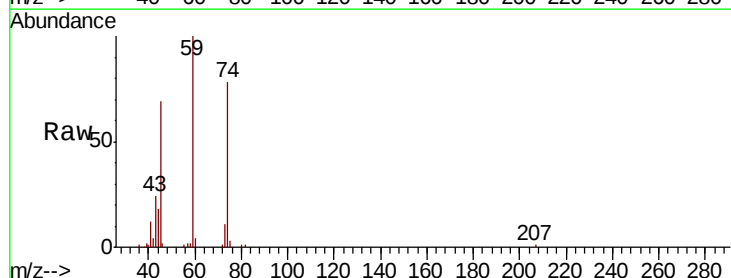
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#8

Diethyl Ether
Concen: 21.574 ug/l
RT: 3.68 min Scan# 291
Delta R.T. -0.01 min
Lab File: VW006334.D
Acq: 25 Oct 2018 00:10

Tgt Ion	Ratio	Lower	Upper
74	100		
45	91.6	42.8	128.3





#9

1,1,2-Trichlorotrifluoroethane

Concen: 21.503 ug/l

RT: 4.06 min Scan# 354

Delta R.T. 0.00 min

Lab File: VW006334.D

Acq: 25 Oct 2018 00:10

Instrument :

MSVOA_W

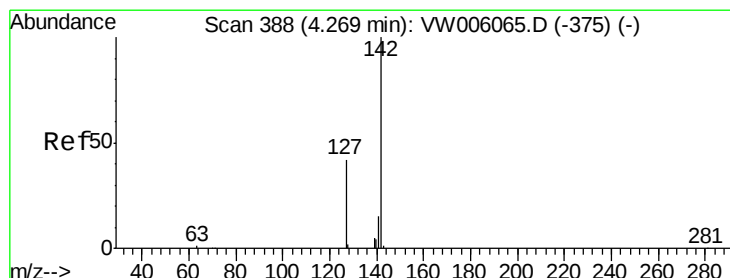
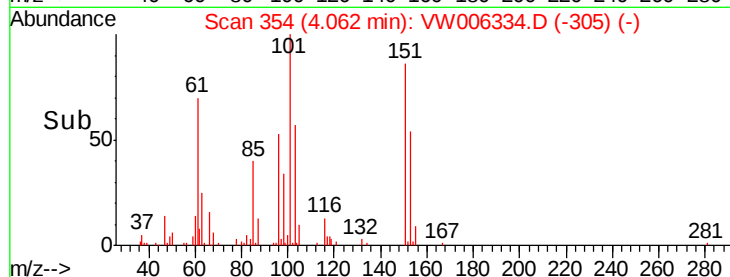
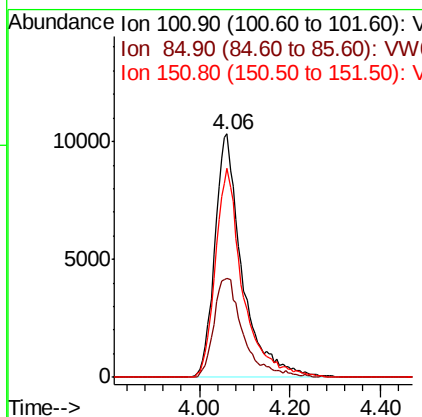
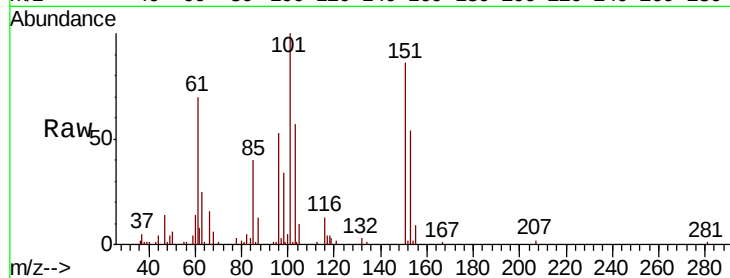
ClientSampleId :

VW1024SBSD01

Tot Ion:	101	Resp:	43334
Ion Ratio	Lower	Upper	
101	100		
85	42.4	34.9	52.3
151	85.8	70.4	105.6

Manual Integrations
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#10

Methyl Iodide

Concen: 21.149 ug/l

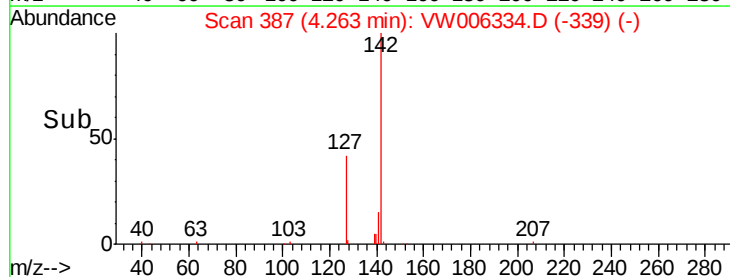
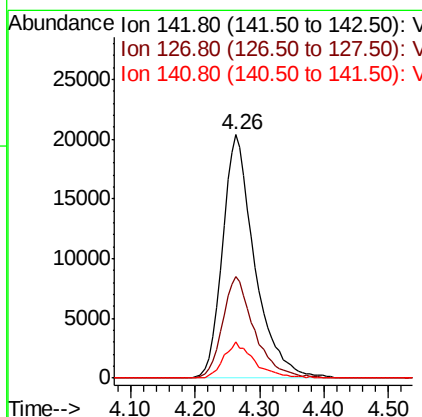
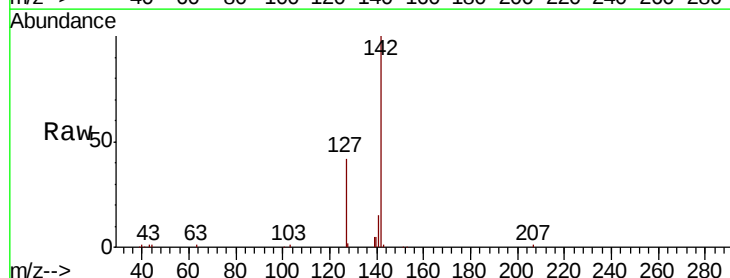
RT: 4.26 min Scan# 387

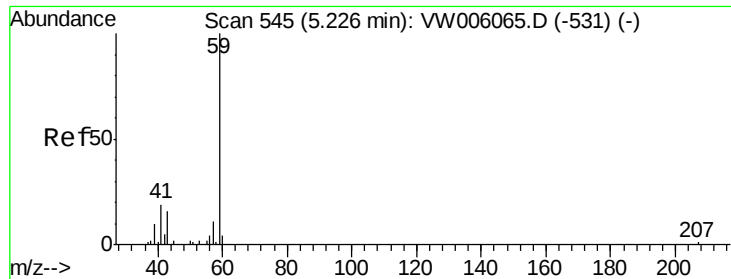
Delta R.T. -0.01 min

Lab File: VW006334.D

Acq: 25 Oct 2018 00:10

Tgt Ion:	142	Resp:	70940
Ion Ratio	Lower	Upper	
142	100		
127	41.3	33.6	50.4
141	14.4	11.6	17.4





#11

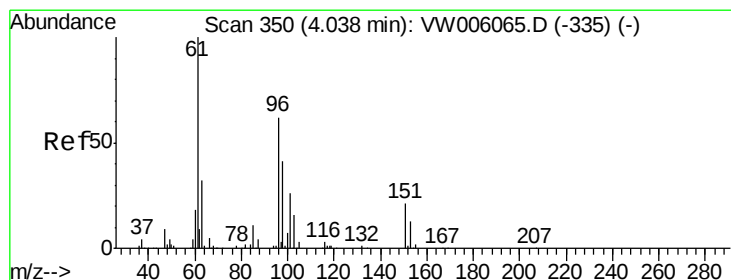
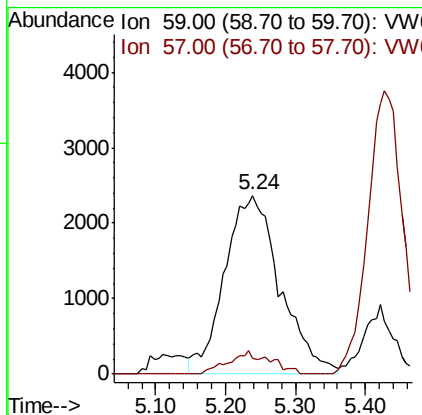
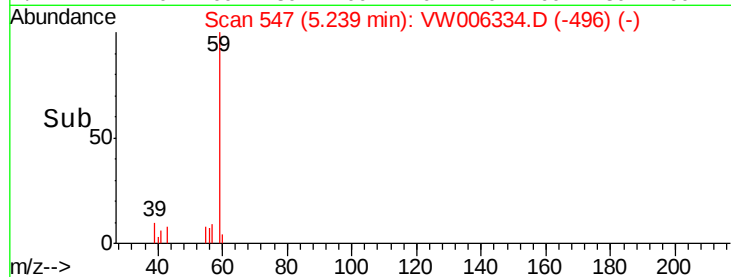
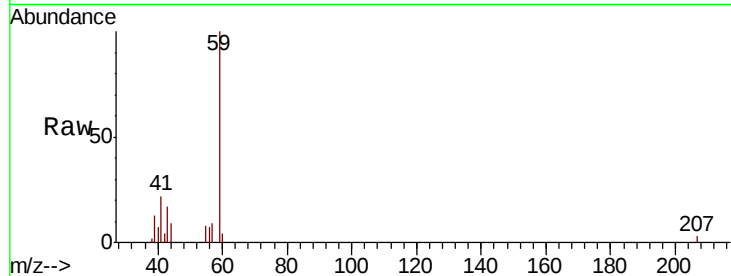
Tert butyl alcohol
Concen: 103.236 ug/l
RT: 5.24 min Scan# 547
Delta R.T. 0.01 min
Lab File: VW006334.D
Acq: 25 Oct 2018 00:10

Instrument :
MSVOA_W
ClientSampleId :
VW1024SBS01

Tot Ion	Ratio	Lower	Upper
59	100		
57	6.2	8.7	13.1#

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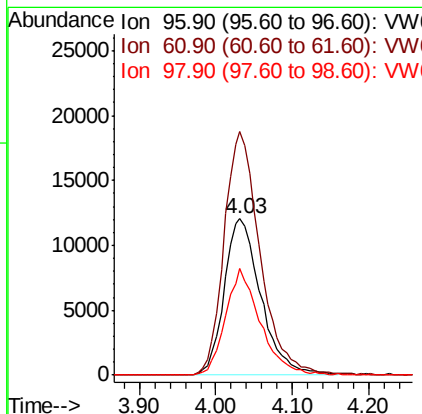
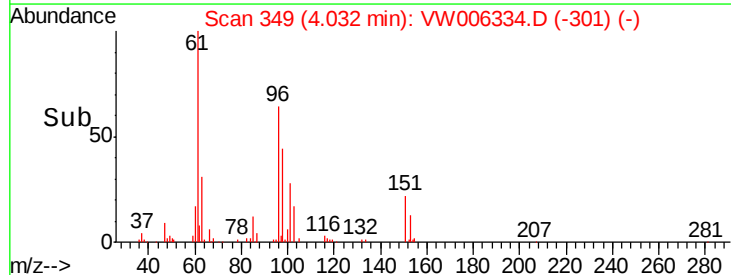
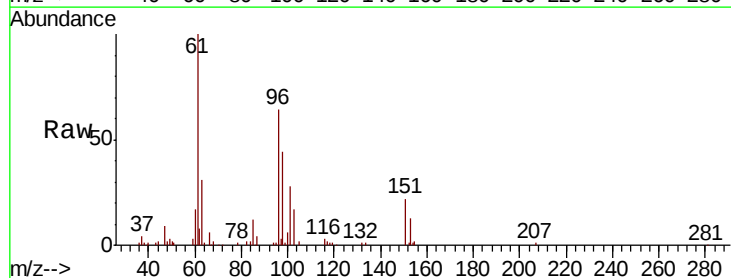
apatel
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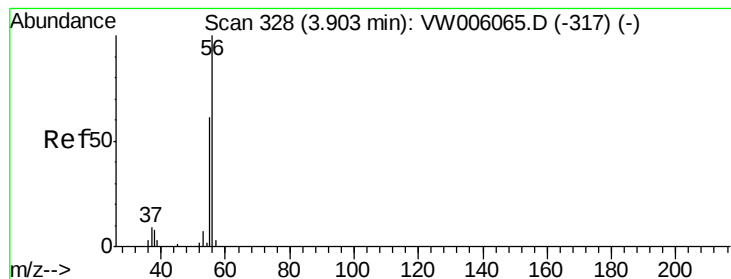


#12

1,1-Dichloroethene
Concen: 21.068 ug/l
RT: 4.03 min Scan# 349
Delta R.T. -0.01 min
Lab File: VW006334.D
Acq: 25 Oct 2018 00:10

Tgt Ion	Ratio	Lower	Upper
96	100		
61	155.6	129.3	193.9
98	67.8	53.1	79.7





#13

Acrolein

Concen: 103.765 ug/l

RT: 3.90 min Scan# 327

Delta R.T. -0.01 min

Lab File: VW006334.D

Acq: 25 Oct 2018 00:10

Instrument :

MSVOA_W

ClientSampleId :

VW1024SBSD01

Tot Ion: 56 Resp: 12704

Ion Ratio Lower Upper

56 100

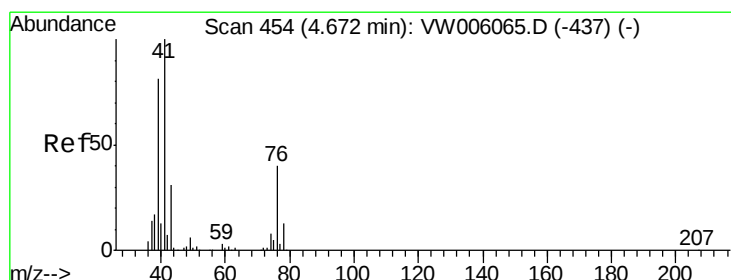
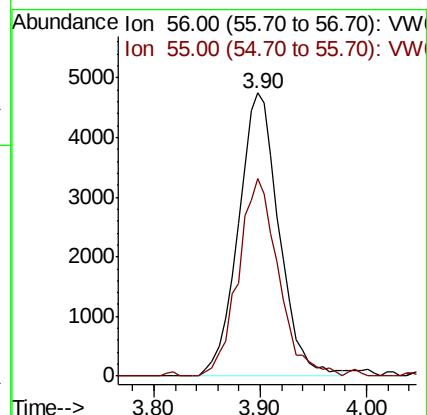
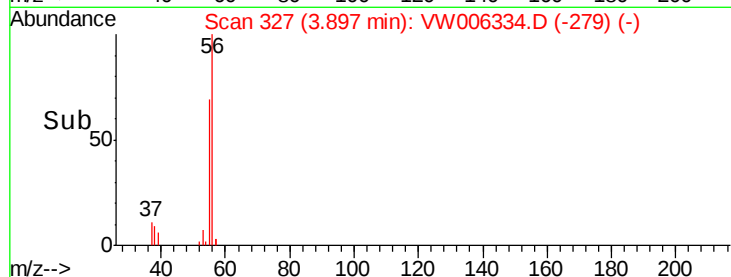
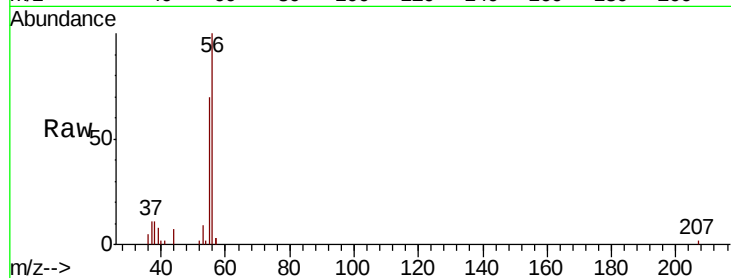
55 69.1 54.5 81.7

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#14

Allyl chloride

Concen: 19.938 ug/l

RT: 4.67 min Scan# 453

Delta R.T. -0.01 min

Lab File: VW006334.D

Acq: 25 Oct 2018 00:10

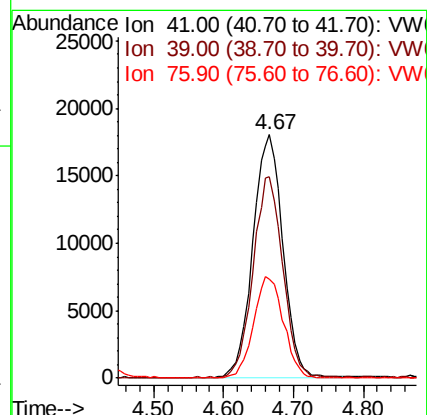
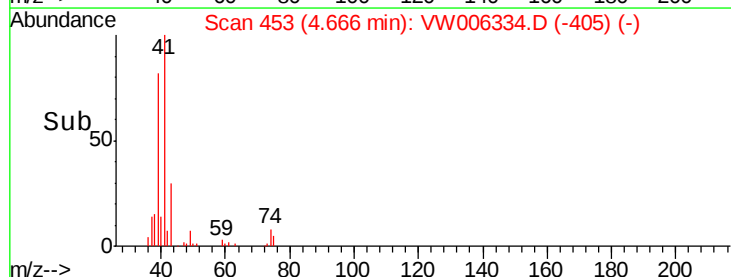
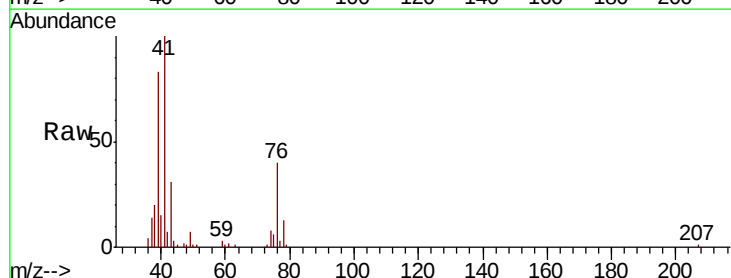
Tgt Ion: 41 Resp: 54051

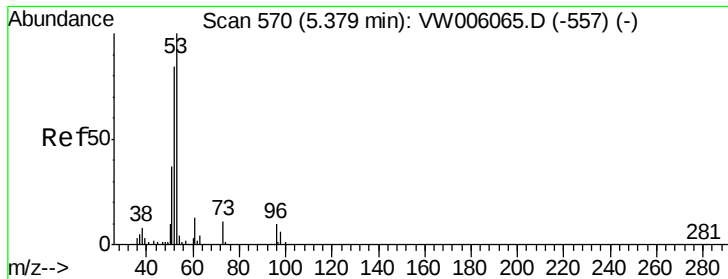
Ion Ratio Lower Upper

41 100

39 81.4 64.1 96.1

76 41.1 32.2 48.4





#15

Acrylonitrile

Concen: 112.981 ug/l

RT: 5.38 min Scan# 570

Delta R.T. 0.00 min

Lab File: VW006334.D

Acq: 25 Oct 2018 00:10

Instrument :

MSVOA_W

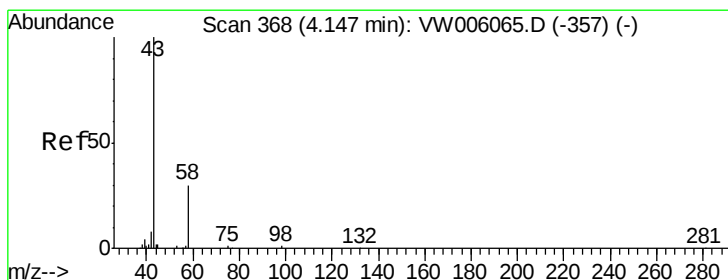
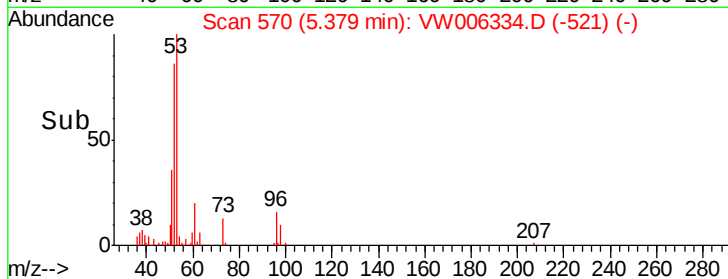
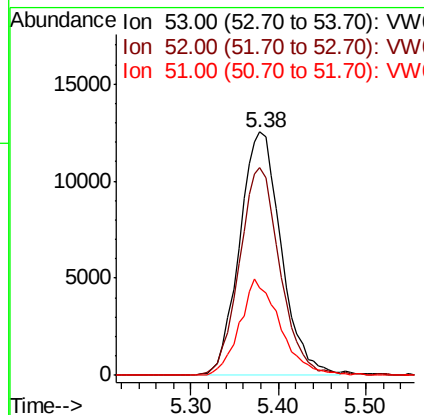
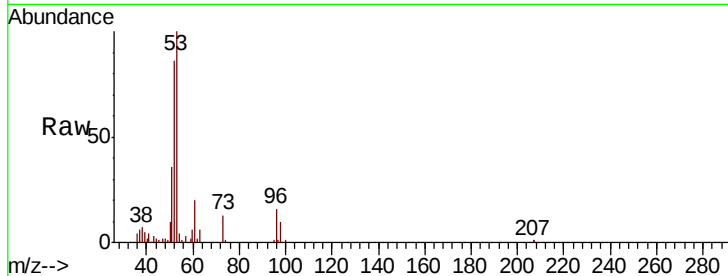
ClientSampleId :

VW1024SBSD01

Tot Ion:	53	Resp:	41415
Ion	Ratio	Lower	Upper
53	100		
52	83.2	66.9	100.3
51	38.3	30.1	45.1

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#16

Acetone

Concen: 98.933 ug/l

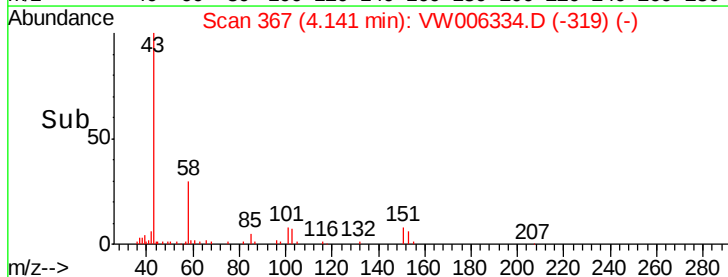
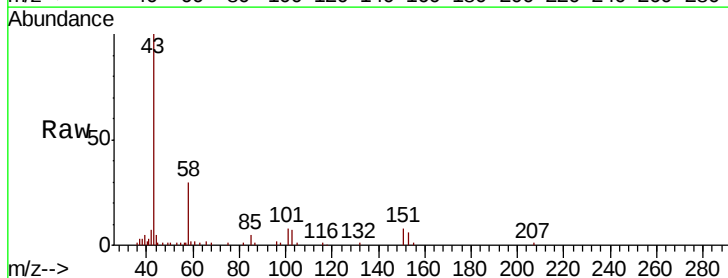
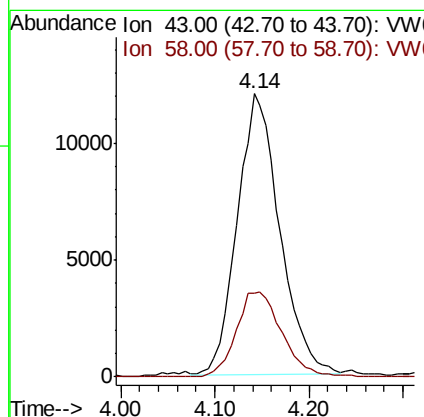
RT: 4.14 min Scan# 367

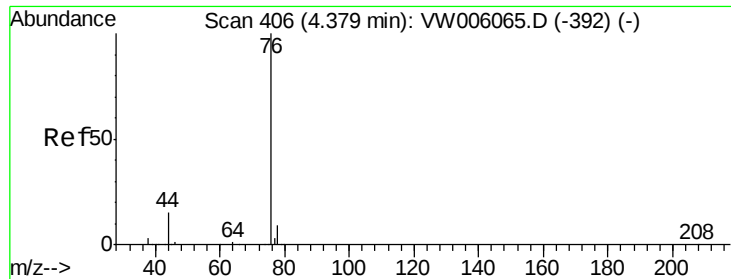
Delta R.T. -0.01 min

Lab File: VW006334.D

Acq: 25 Oct 2018 00:10

Tgt Ion:	43	Resp:	38075
Ion	Ratio	Lower	Upper
43	100		
58	29.9	24.0	36.0





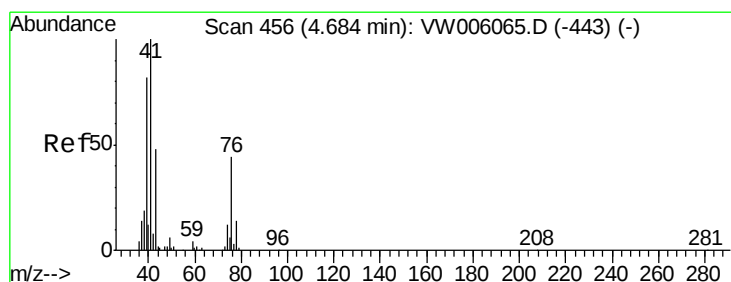
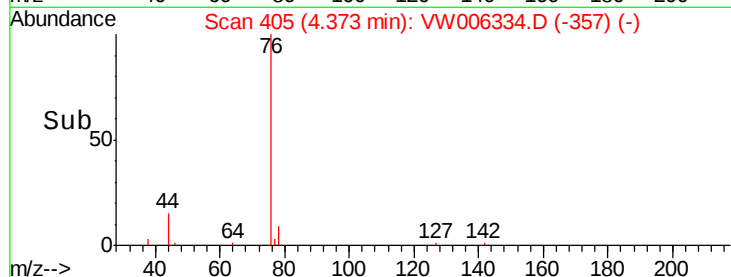
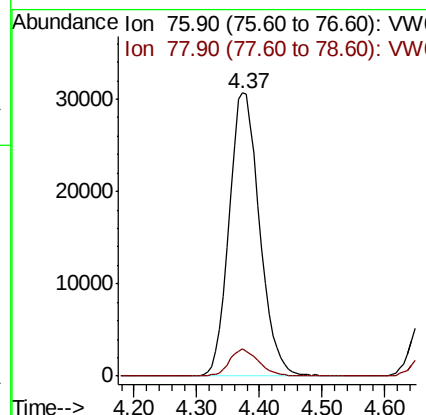
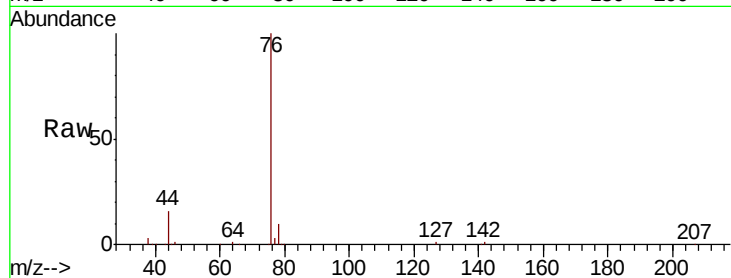
#17
Carbon Disulfide
Concen: 18.029 ug/l
RT: 4.37 min Scan# 405
Delta R.T. -0.01 min
Lab File: VW006334.D
Acq: 25 Oct 2018 00:10

Instrument :
MSVOA_W
ClientSampleId :
VW1024SBSD01

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.8	7.5	11.3

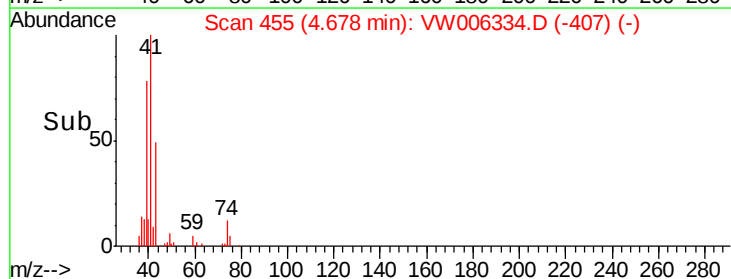
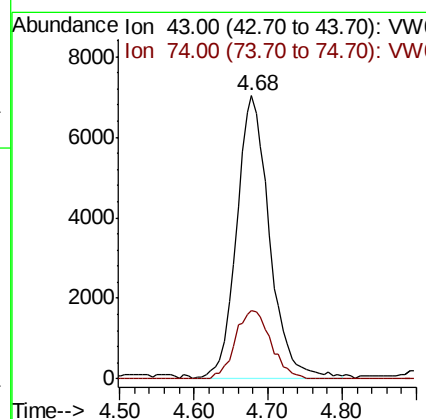
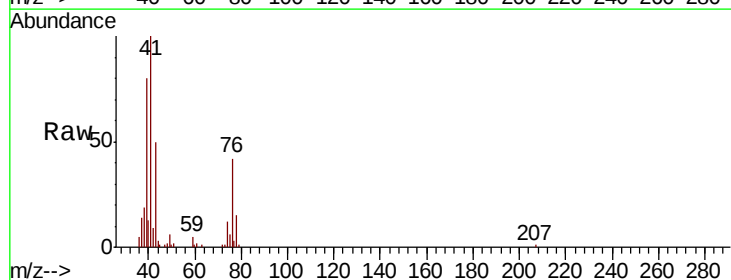
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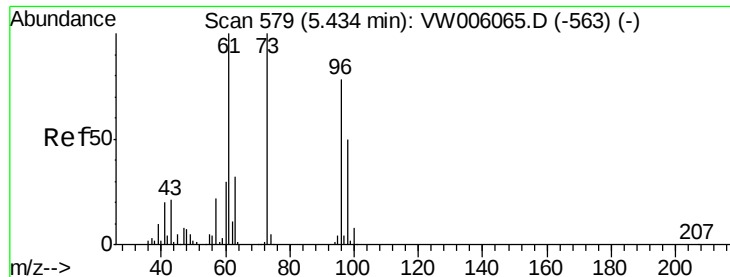
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#18
Methyl Acetate
Concen: 23.108 ug/l
RT: 4.68 min Scan# 455
Delta R.T. -0.01 min
Lab File: VW006334.D
Acq: 25 Oct 2018 00:10

Tgt Ion	Ratio	Lower	Upper
43	100		
74	25.8	20.5	30.7





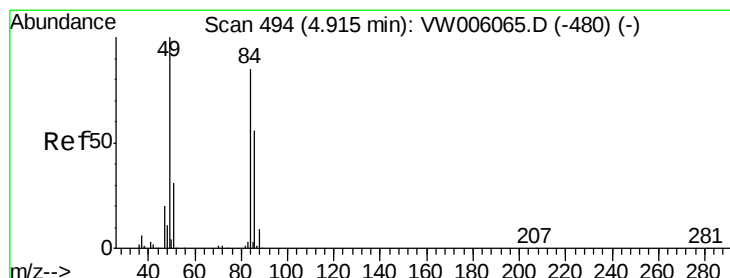
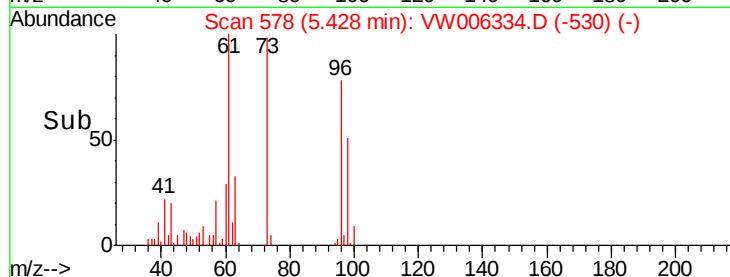
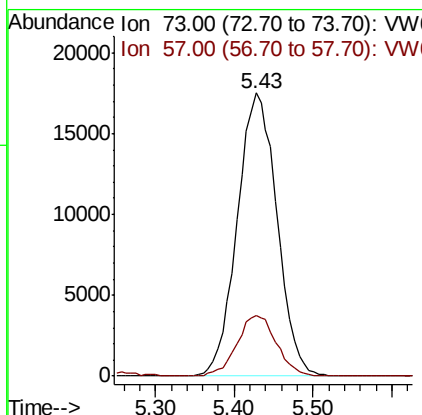
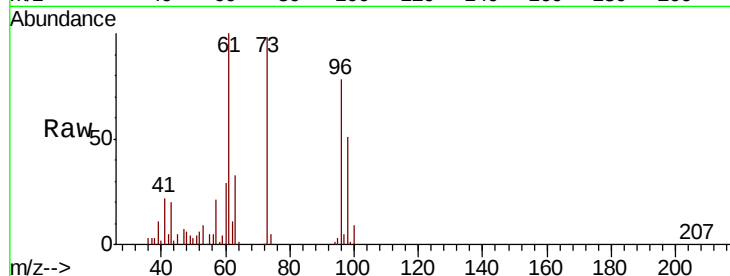
#19
Methyl tert-butyl Ether
Concen: 21.220 ug/l
RT: 5.43 min Scan# 578
Delta R.T. -0.01 min
Lab File: VW006334.D
Acq: 25 Oct 2018 00:10

Instrument :
MSVOA_W
ClientSampleId :
VW1024SBS01

Tot Ion: 73 Resp: 61280
Ion Ratio Lower Upper
73 100
57 21.4 17.4 26.2

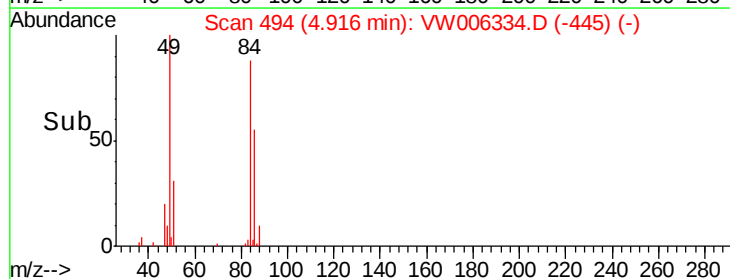
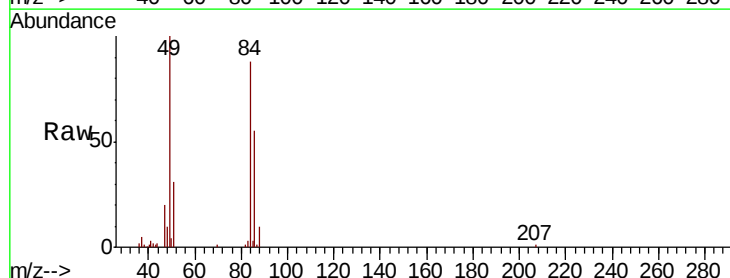
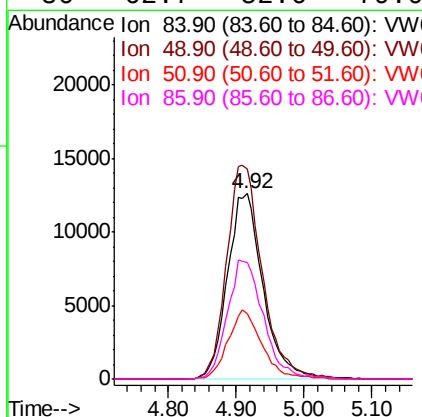
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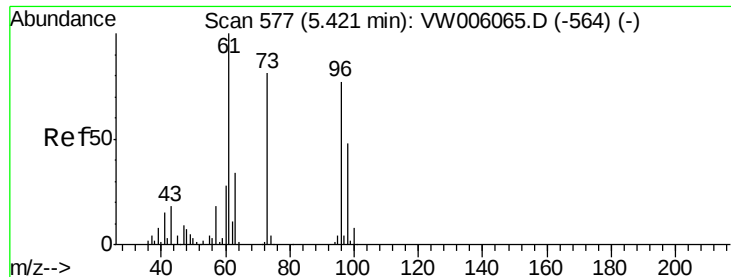
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#20
Methylene Chloride
Concen: 22.002 ug/l
RT: 4.92 min Scan# 494
Delta R.T. 0.00 min
Lab File: VW006334.D
Acq: 25 Oct 2018 00:10

Tgt Ion: 84 Resp: 45612
Ion Ratio Lower Upper
84 100
49 113.6 93.6 140.4
51 35.2 29.0 43.4
86 62.7 52.6 79.0





#21

trans-1,2-Dichloroethene

Concen: 21.968 ug/l

RT: 5.42 min Scan# 576

Delta R.T. -0.01 min

Lab File: VW006334.D

Acq: 25 Oct 2018 00:10

Instrument :

MSVOA_W

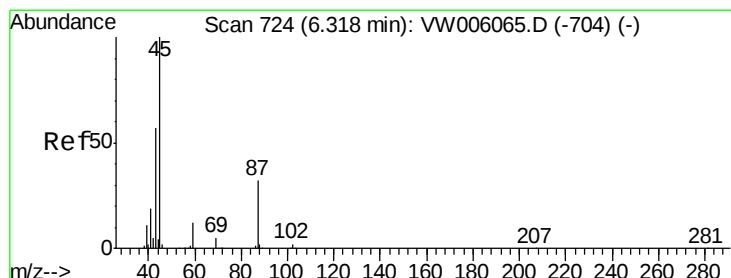
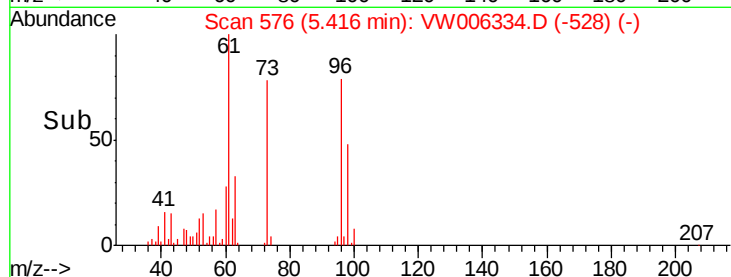
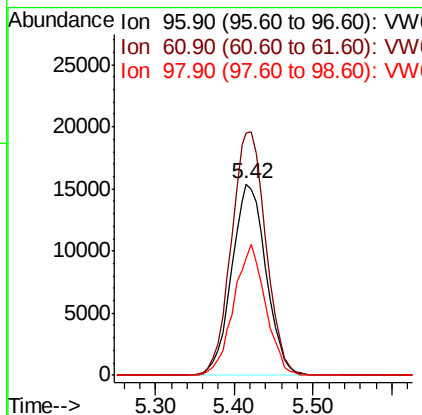
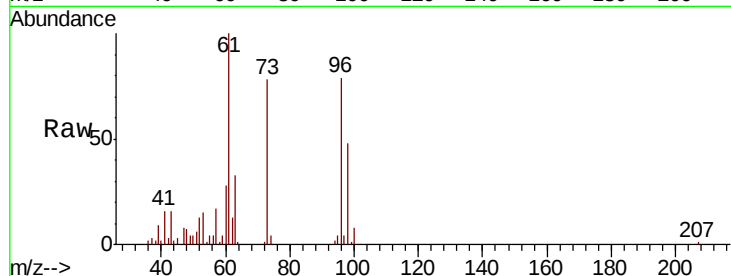
ClientSampleId :

VW1024SBS01

Tot Ion:	96	Resp:	46491
Ion	Ratio	Lower	Upper
96	100		
61	126.7	104.5	156.7
98	60.8	50.6	75.8

Manual Integrations
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#22

Diisopropyl ether

Concen: 21.645 ug/l

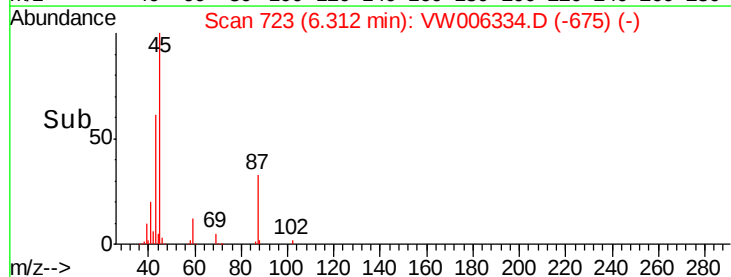
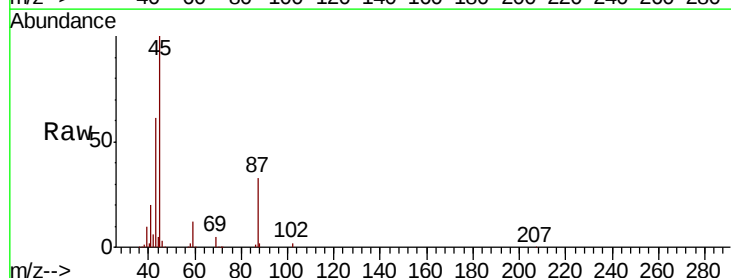
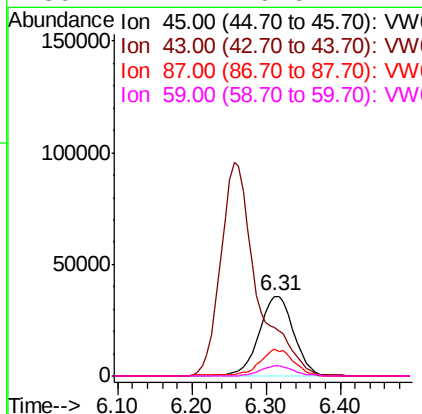
RT: 6.31 min Scan# 723

Delta R.T. -0.01 min

Lab File: VW006334.D

Acq: 25 Oct 2018 00:10

Tgt Ion:	45	Resp:	115960
Ion	Ratio	Lower	Upper
45	100		
43	60.3	45.7	68.5
87	33.3	25.9	38.9
59	12.2	9.6	14.4





#23

Vinyl Acetate

Concen: 102.659 ug/l

RT: 6.26 min Scan# 714

Delta R.T. -0.01 min

Lab File: VW006334.D

Acq: 25 Oct 2018 00:10

Instrument :

MSVOA_W

ClientSampleID :

VW1024SBS01

Tot Ion: 43 Resp: 324569

Ion Ratio Lower Upper

43 100

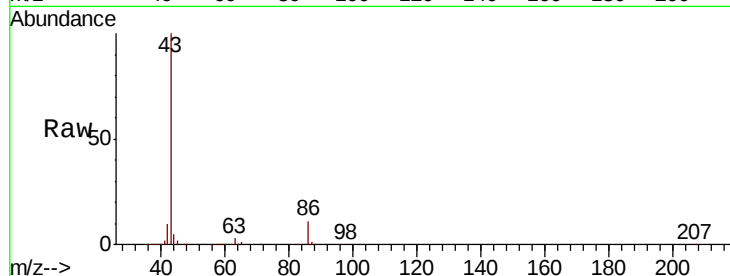
86 11.5 9.0 13.6

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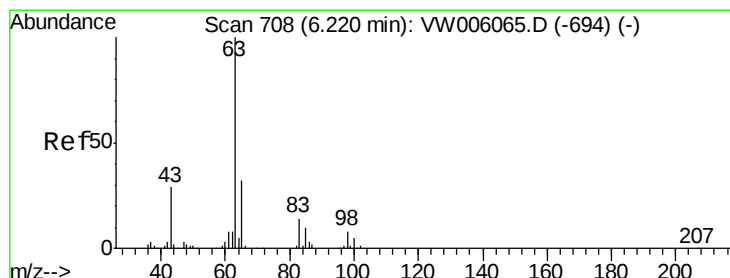
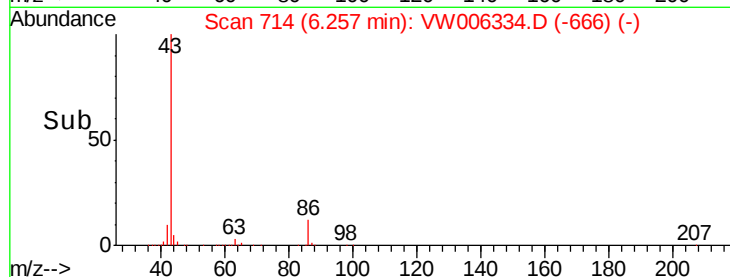
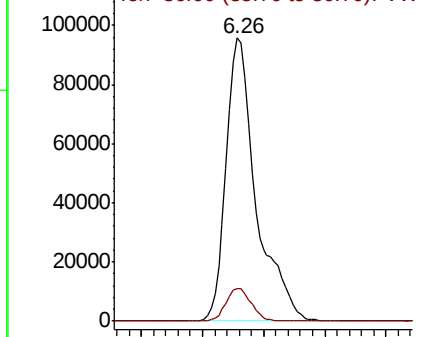
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Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 86.00 (85.70 to 86.70): VW



#24

1,1-Dichloroethane

Concen: 22.534 ug/l

RT: 6.21 min Scan# 707

Delta R.T. -0.01 min

Lab File: VW006334.D

Acq: 25 Oct 2018 00:10

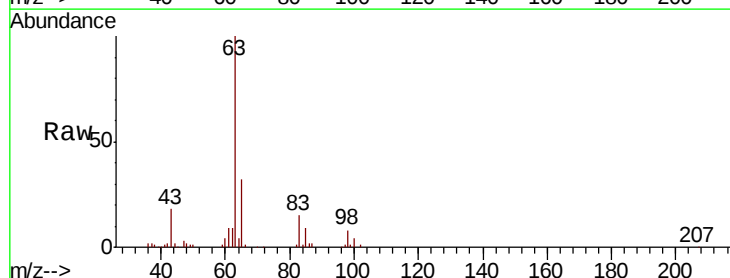
Tgt Ion: 63 Resp: 77897

Ion Ratio Lower Upper

63 100

98 8.1 3.8 11.2

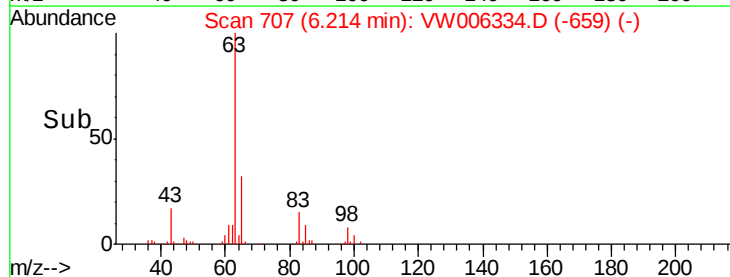
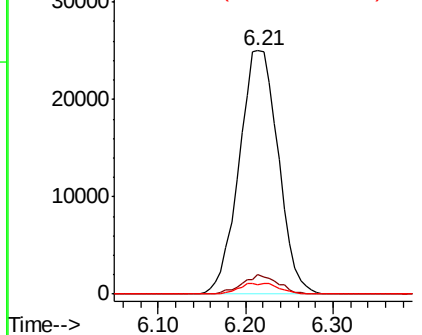
100 4.0 2.5 7.5



Abundance Ion 62.90 (62.60 to 63.60): VW

Ion 97.90 (97.60 to 98.60): VW

Ion 99.90 (99.60 to 100.60): VW





#25

2-Butanone

Concen: 108.231 ug/l

RT: 7.18 min Scan# 866

Delta R.T. 0.00 min

Lab File: VW006334.D

Acq: 25 Oct 2018 00:10

Instrument :

MSVOA_W

ClientSampleId :

VW1024SBS01

Tot Ion: 43 Resp: 55006

Ion Ratio Lower Upper

43 100

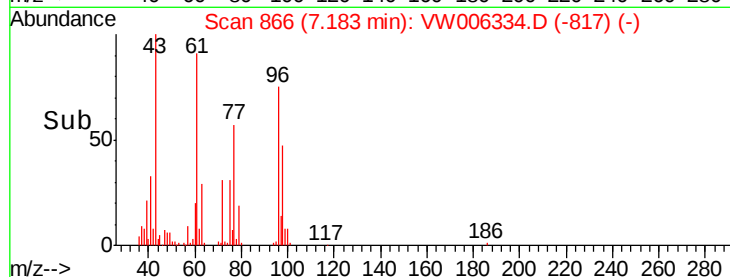
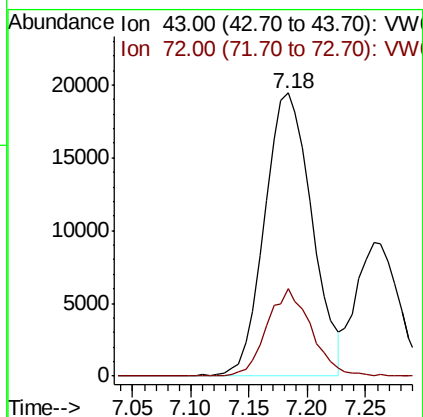
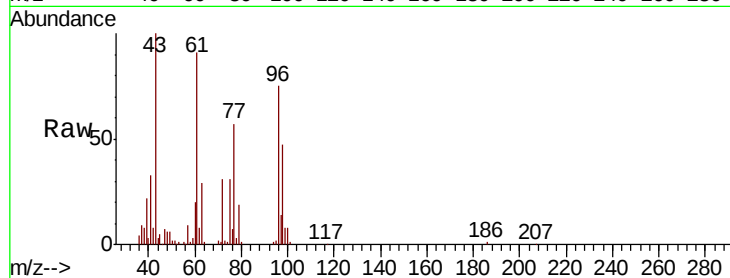
72 30.9 22.8 34.2

Manual Integrations

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#26

2,2-Dichloropropane

Concen: 18.921 ug/l

RT: 7.17 min Scan# 863

Delta R.T. -0.01 min

Lab File: VW006334.D

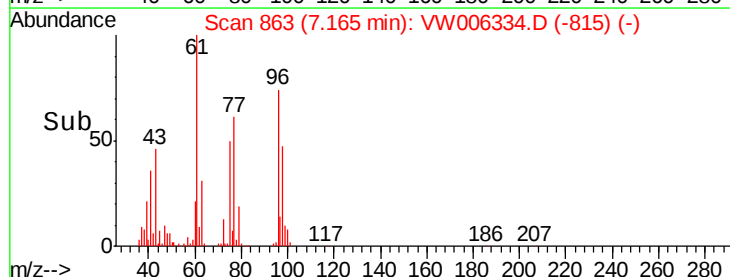
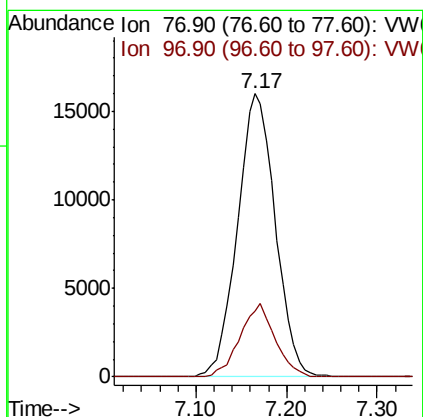
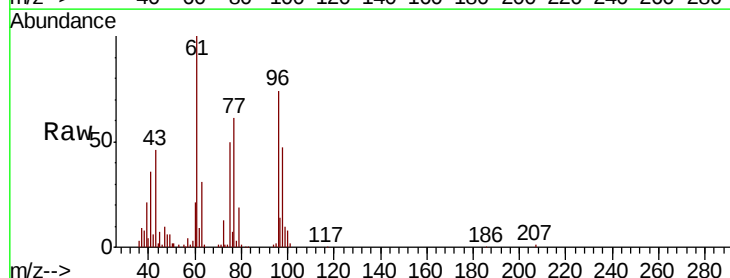
Acq: 25 Oct 2018 00:10

Tgt Ion: 77 Resp: 46130

Ion Ratio Lower Upper

77 100

97 24.0 12.2 36.4





#27

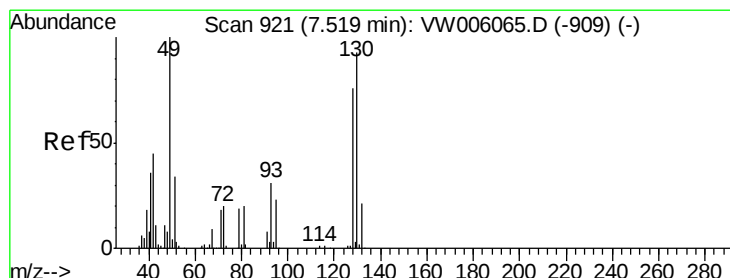
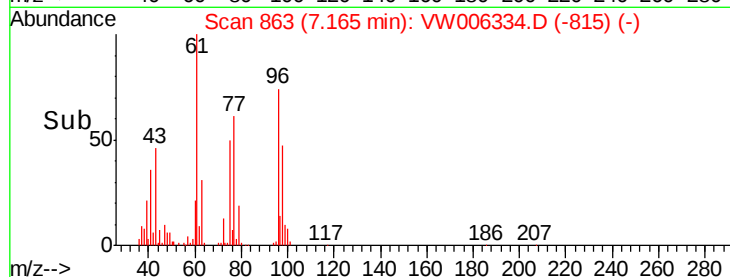
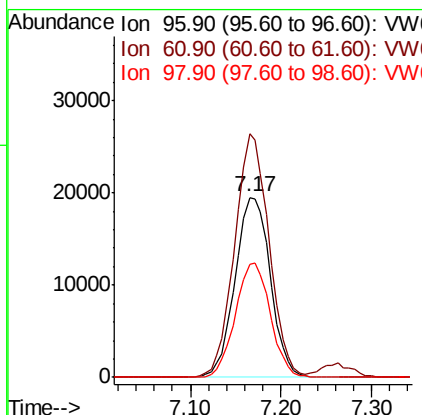
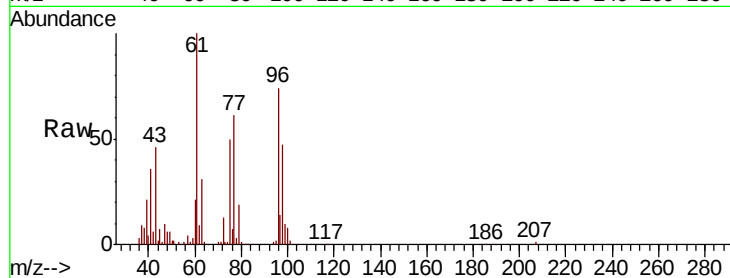
cis-1,2-Dichloroethene
Concen: 22.510 ug/l
RT: 7.17 min Scan# 863
Delta R.T. -0.01 min
Lab File: VW006334.D
Acq: 25 Oct 2018 00:10

Instrument :
MSVOA_W
ClientSampleId :
VW1024SBS01

Tot Ion	Ratio	Lower	Upper
96	100		
61	132.1	0.0	267.2
98	63.1	0.0	128.6

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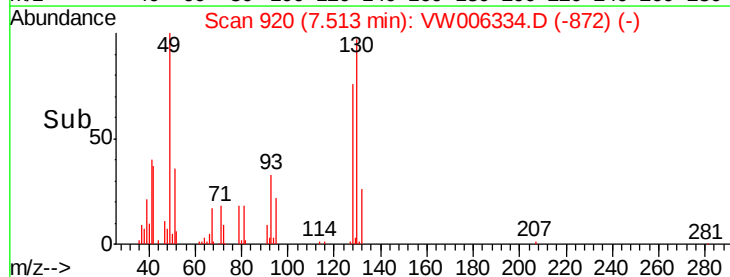
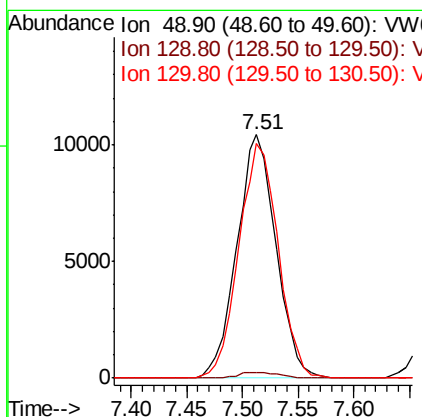
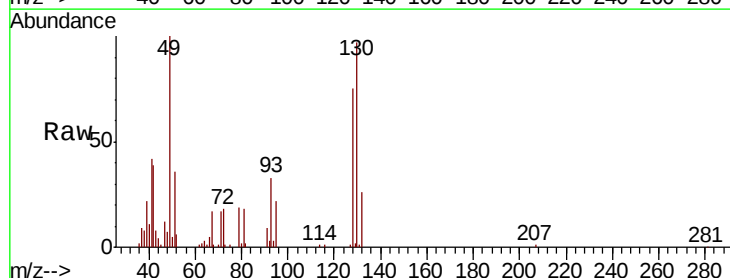
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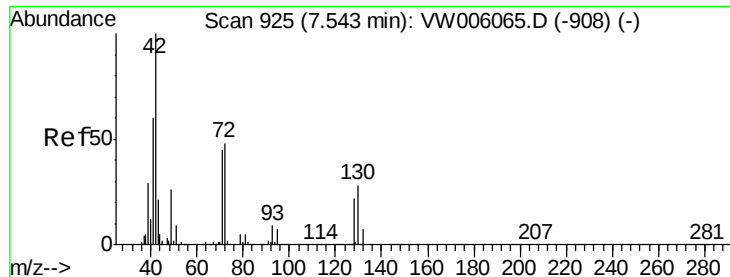


#28

Bromochloromethane
Concen: 19.018 ug/l
RT: 7.51 min Scan# 920
Delta R.T. -0.01 min
Lab File: VW006334.D
Acq: 25 Oct 2018 00:10

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.3	0.0	5.0
130	97.0	73.8	110.8





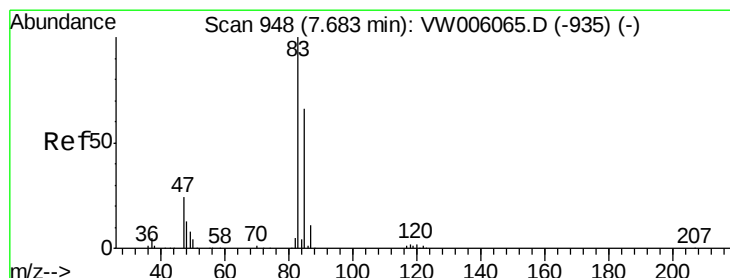
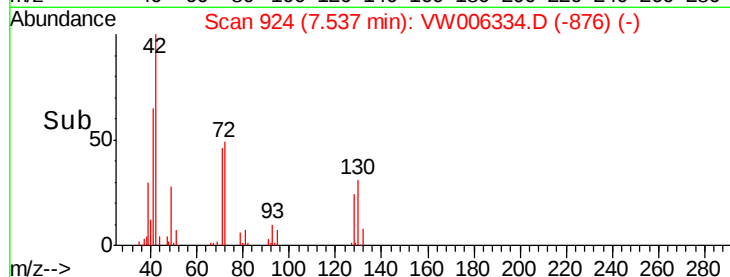
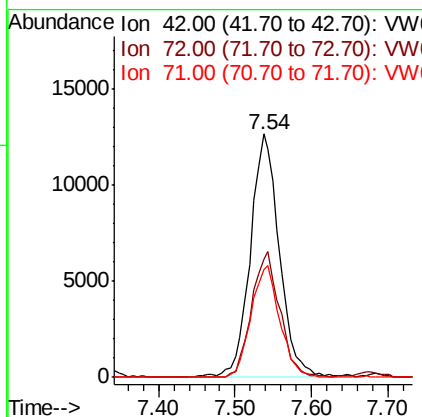
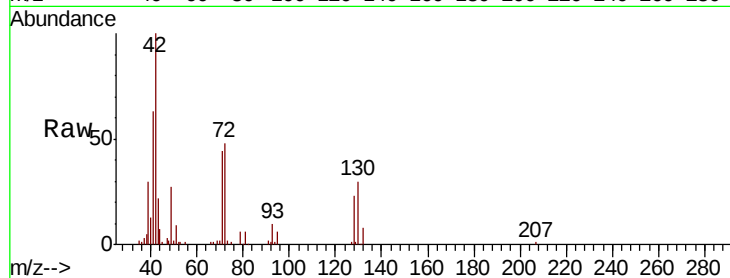
#29
Tetrahydrofuran
Concen: 107.274 ug/l
RT: 7.54 min Scan# 924
Delta R.T. -0.01 min
Lab File: VW006334.D
Acq: 25 Oct 2018 00:10

Instrument :
MSVOA_W
ClientSampleId :
VW1024SBS01

Tot Ion	Ratio	Lower	Upper
42	100		
72	50.0	38.0	57.0
71	45.1	35.3	52.9

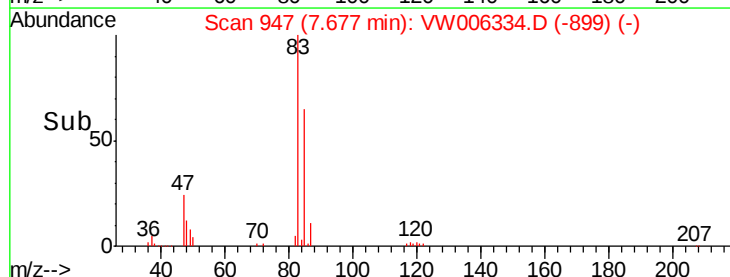
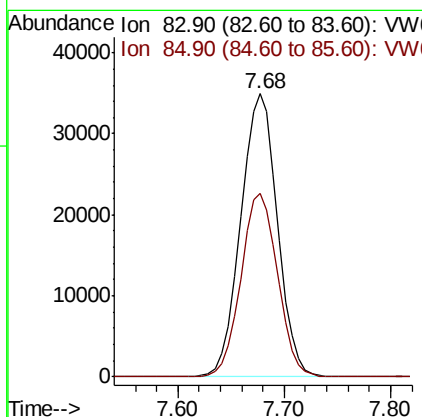
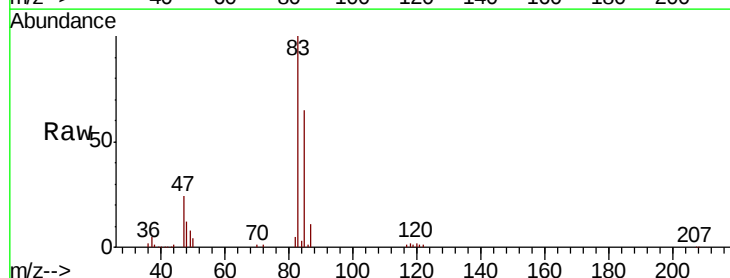
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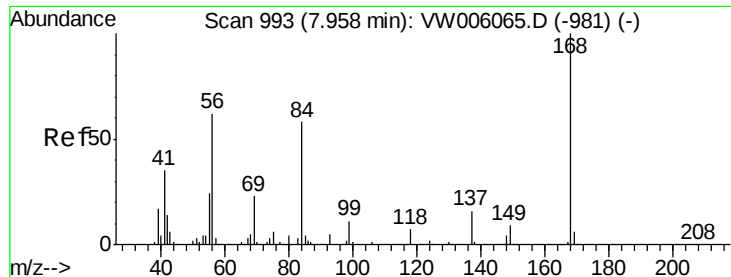
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#30
Chloroform
Concen: 22.412 ug/l
RT: 7.68 min Scan# 947
Delta R.T. -0.01 min
Lab File: VW006334.D
Acq: 25 Oct 2018 00:10

Tgt Ion	Ratio	Lower	Upper
83	100		
85	65.0	52.6	79.0





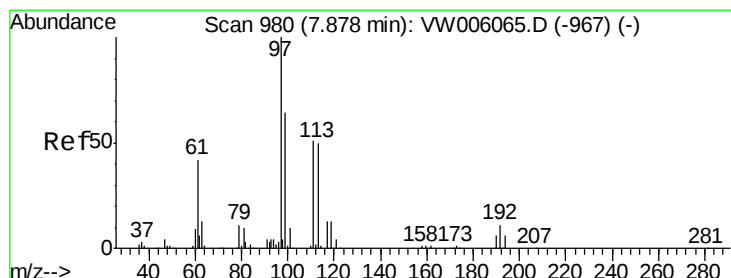
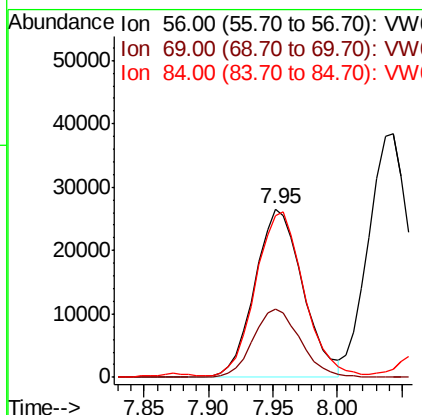
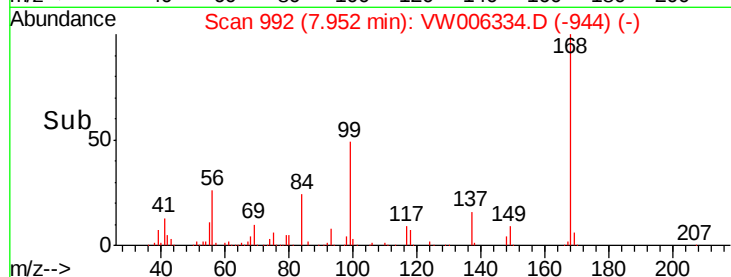
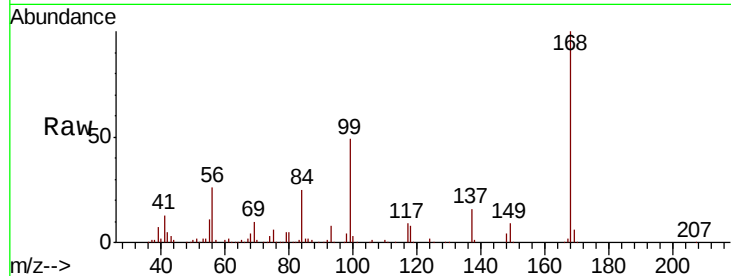
#31
Cyclohexane
Concen: 20.020 ug/l
RT: 7.95 min Scan# 992
Delta R.T. -0.01 min
Lab File: VW006334.D
Acq: 25 Oct 2018 00:10

Instrument :
MSVOA_W
ClientSampleId :
VW1024SBS01

Tot Ion	Ratio	Lower	Upper
56	100		
69	40.4	29.4	44.0
84	94.6	74.0	111.0

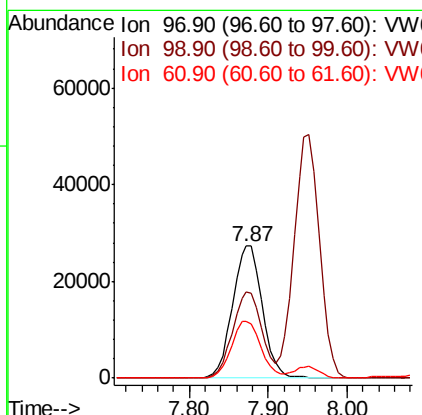
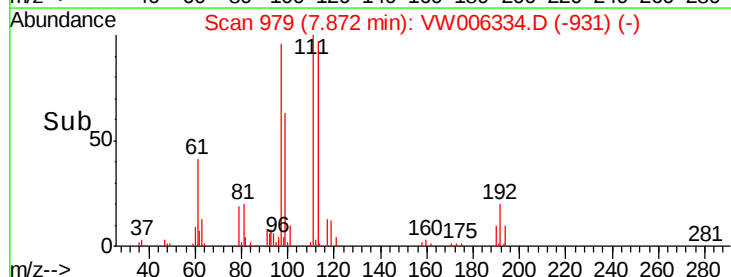
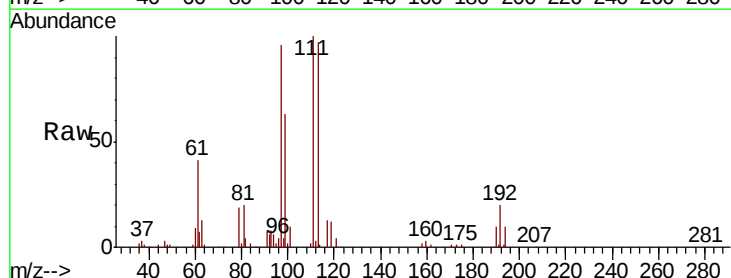
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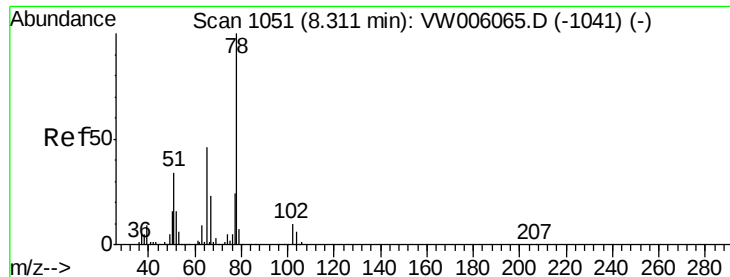
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#32
1,1,1-Trichloroethane
Concen: 21.037 ug/l
RT: 7.87 min Scan# 979
Delta R.T. -0.01 min
Lab File: VW006334.D
Acq: 25 Oct 2018 00:10

Tgt Ion	Ratio	Lower	Upper
97	100		
99	64.5	50.9	76.3
61	43.3	33.7	50.5





#33

1,2-Dichloroethane-d4

Concen: 49.200 ug/l

RT: 8.31 min Scan# 1050

Delta R.T. -0.01 min

Lab File: VW006334.D

Acq: 25 Oct 2018 00:10

Instrument :

MSVOA_W

ClientSampleId :

VW1024SBSD01

Tot Ion: 65 Resp: 92559

Ion Ratio Lower Upper

65 100

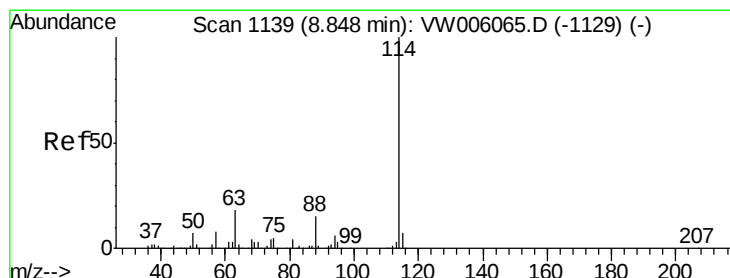
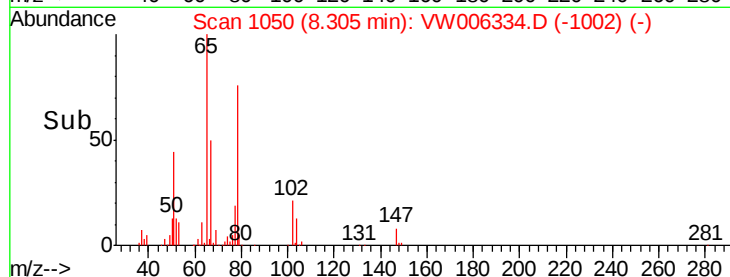
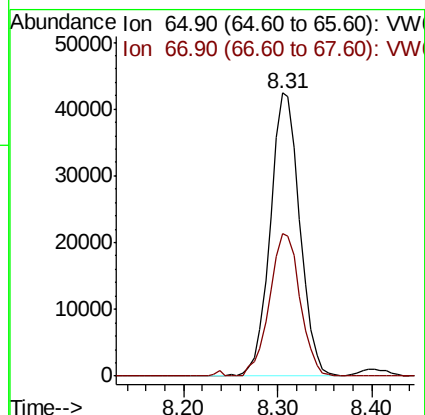
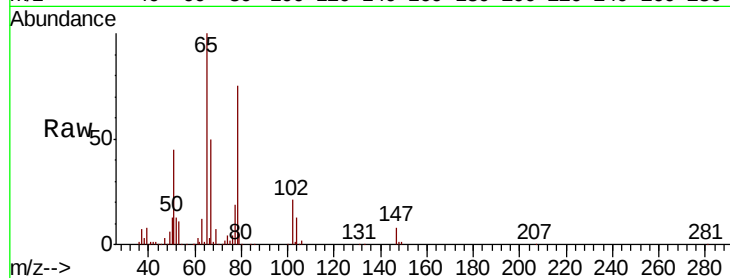
67 52.3 0.0 101.0

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#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.84 min Scan# 1138

Delta R.T. -0.01 min

Lab File: VW006334.D

Acq: 25 Oct 2018 00:10

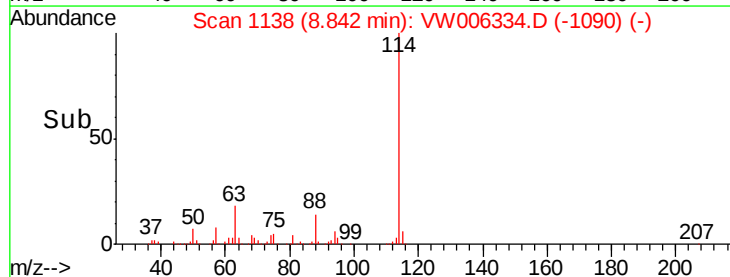
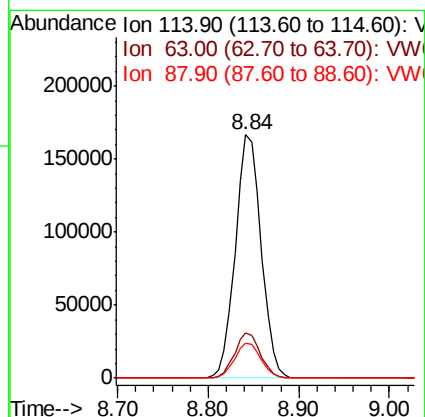
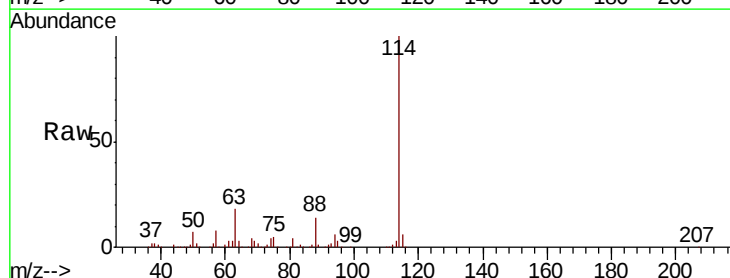
Tgt Ion: 114 Resp: 328336

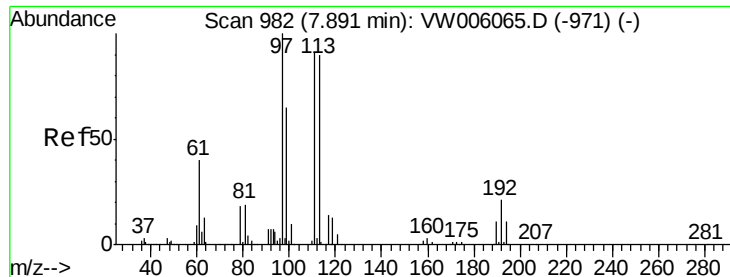
Ion Ratio Lower Upper

114 100

63 18.4 0.0 36.8

88 14.4 0.0 29.0





#35

Dibromofluoromethane

Concen: 49.202 ug/l

RT: 7.88 min Scan# 981

Delta R.T. -0.01 min

Lab File: VW006334.D

Acq: 25 Oct 2018 00:10

Instrument :

MSVOA_W

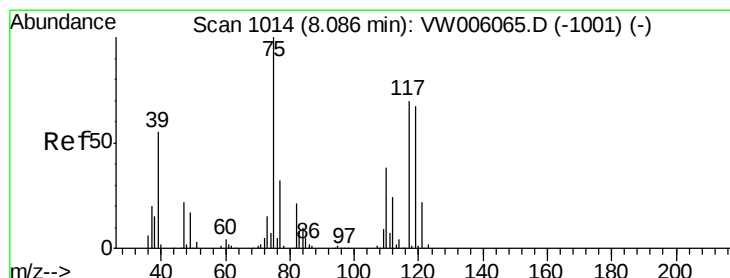
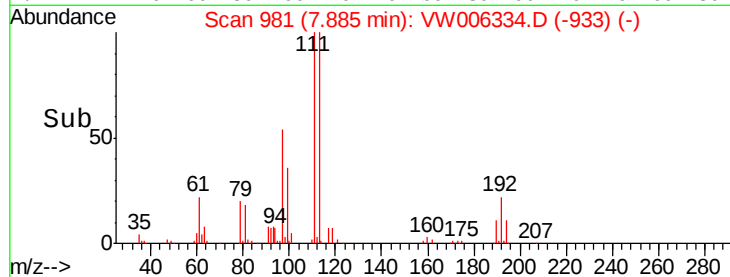
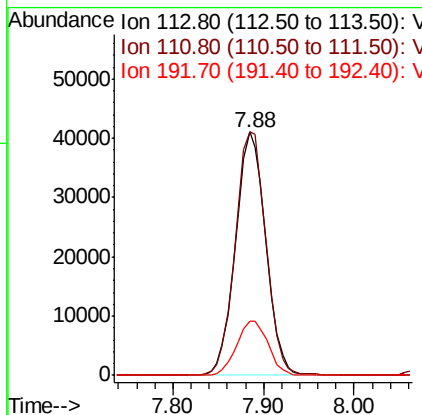
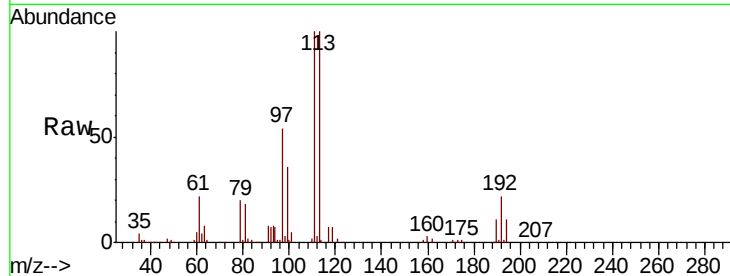
ClientSampleId :

VW1024SBSD01

Tot Ion:	113	Resp:	95458
Ion Ratio	Lower	Upper	
113	100		
111	101.6	81.4	122.0
192	23.1	18.7	28.1

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#36

1,1-Dichloropropene

Concen: 21.840 ug/l

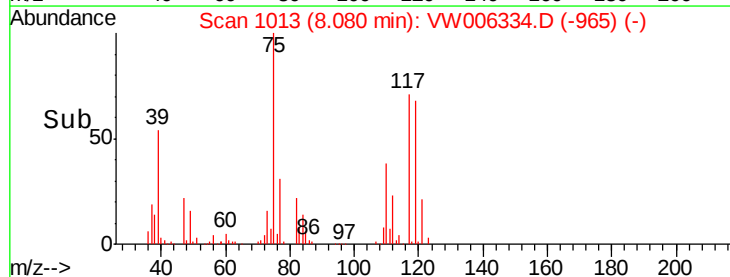
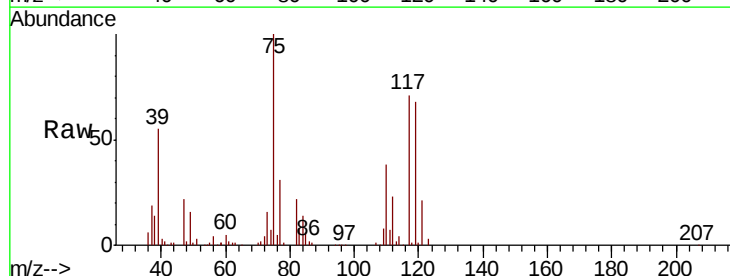
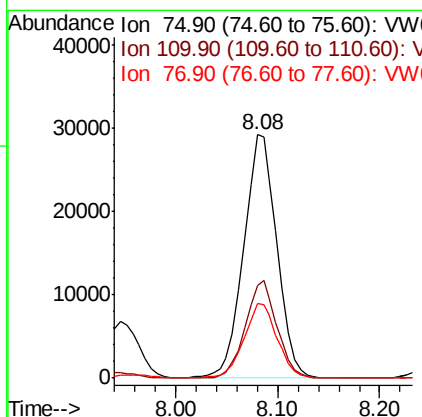
RT: 8.08 min Scan# 1013

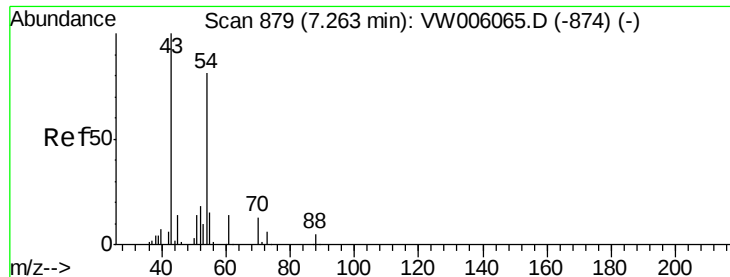
Delta R.T. -0.01 min

Lab File: VW006334.D

Acq: 25 Oct 2018 00:10

Tgt Ion:	75	Resp:	66096
Ion Ratio	Lower	Upper	
75	100		
110	38.0	19.1	57.1
77	30.7	25.0	37.4





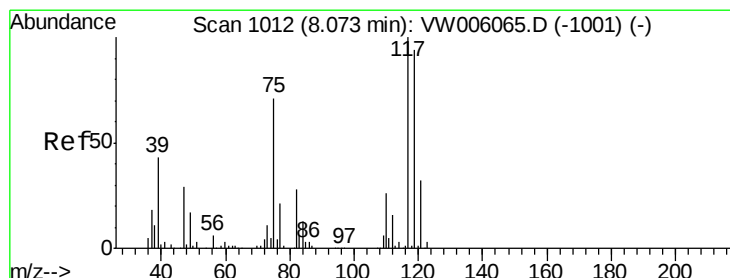
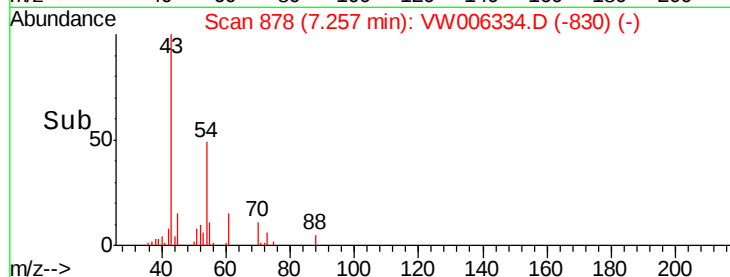
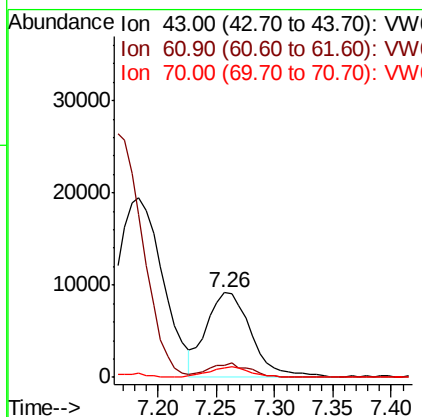
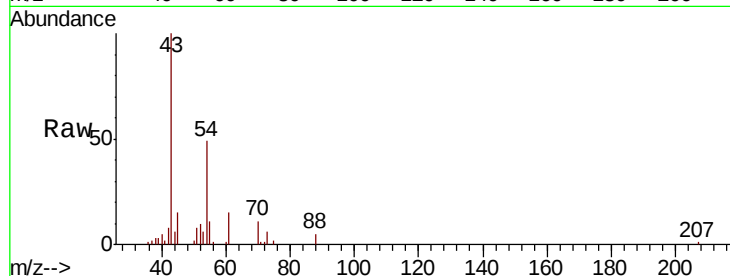
#37
Ethyl Acetate
Concen: 21.523 ug/l
RT: 7.26 min Scan# 878
Delta R.T. -0.01 min
Lab File: VW006334.D
Acq: 25 Oct 2018 00:10

Instrument :
MSVOA_W
ClientSampleId :
VW1024SBS01

Tot Ion	Ratio	Lower	Upper
43	100		
61	15.2	11.5	17.3
70	11.4	9.2	13.8

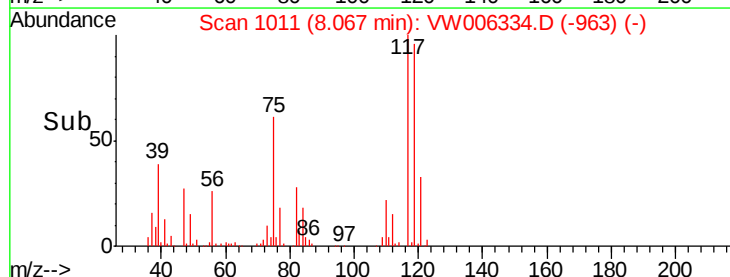
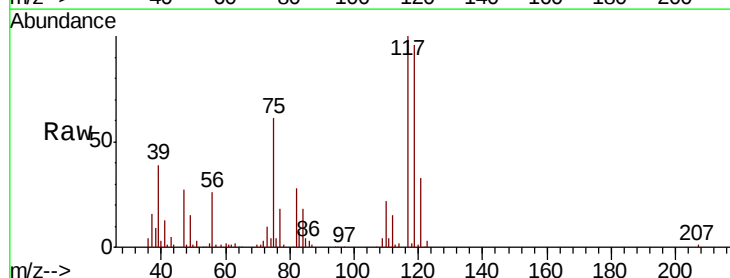
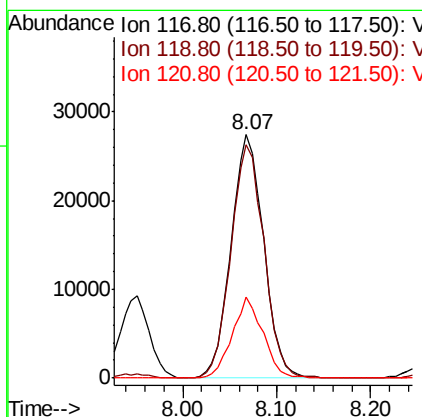
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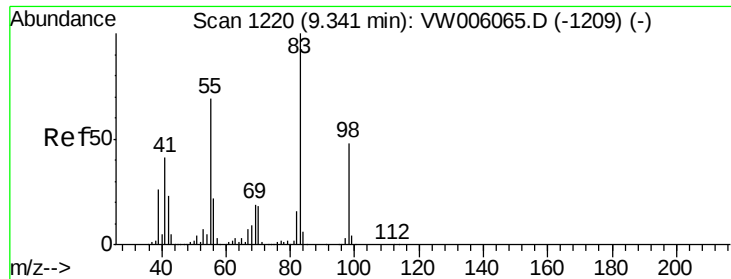
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#38
Carbon Tetrachloride
Concen: 19.959 ug/l
RT: 8.07 min Scan# 1011
Delta R.T. -0.01 min
Lab File: VW006334.D
Acq: 25 Oct 2018 00:10

Tgt Ion	Ratio	Lower	Upper
117	100		
119	95.7	75.2	112.8
121	33.3	25.3	37.9





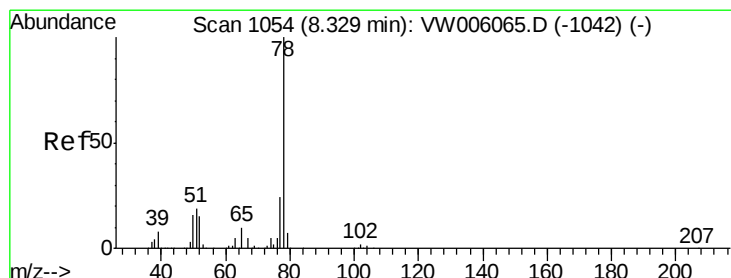
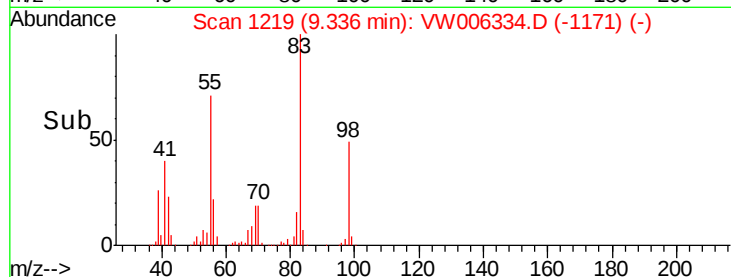
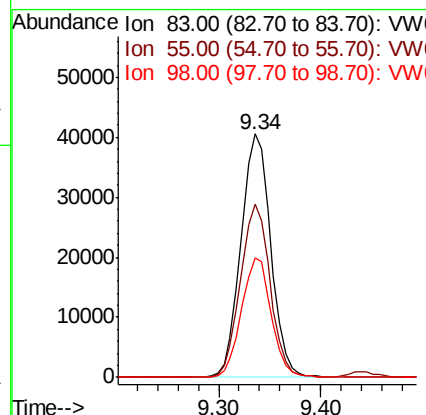
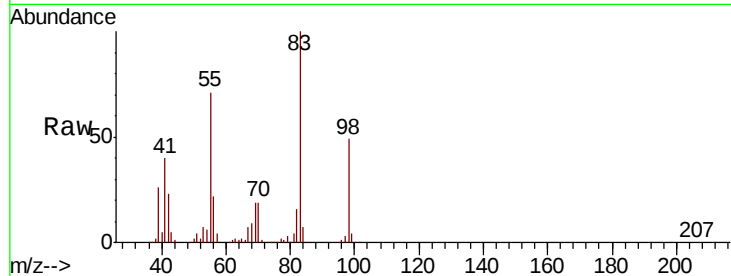
#39
Methvlcvclohexane
Concen: 20.490 ug/l
RT: 9.34 min Scan# 1219
Delta R.T. -0.01 min
Lab File: VW006334.D
Acq: 25 Oct 2018 00:10

Instrument :
MSVOA_W
ClientSampleId :
VW1024SBS01

Tot Ion	Ratio	Lower	Upper
83	100		
55	71.4	55.0	82.6
98	48.9	38.6	57.8

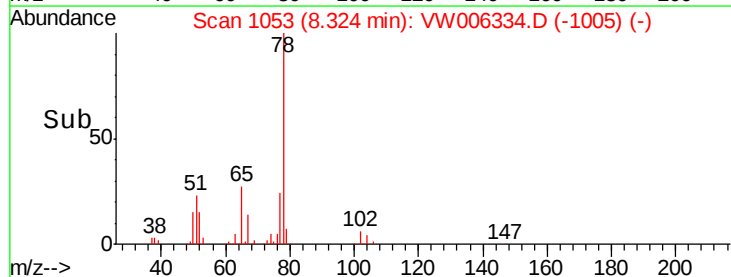
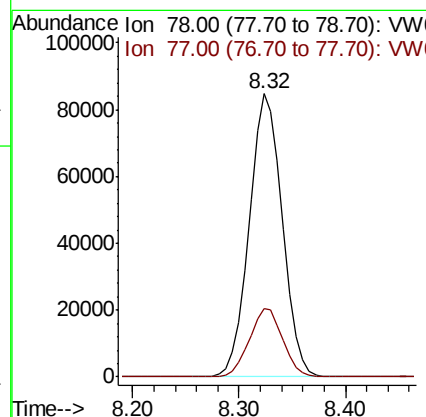
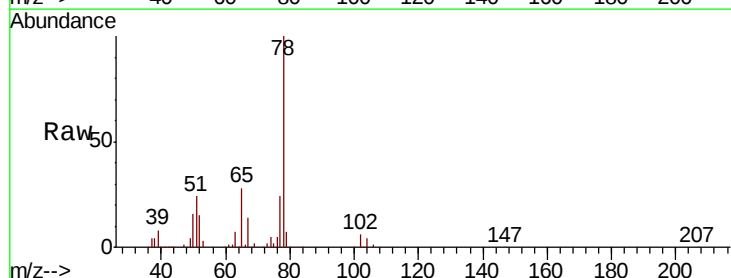
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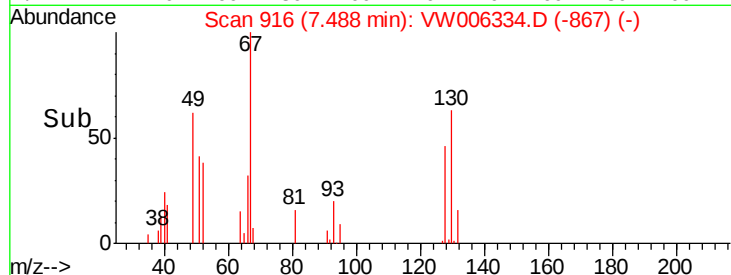
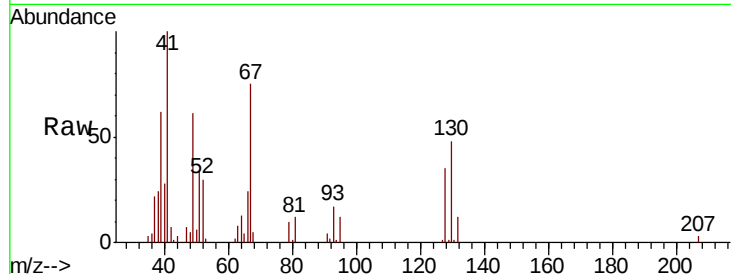
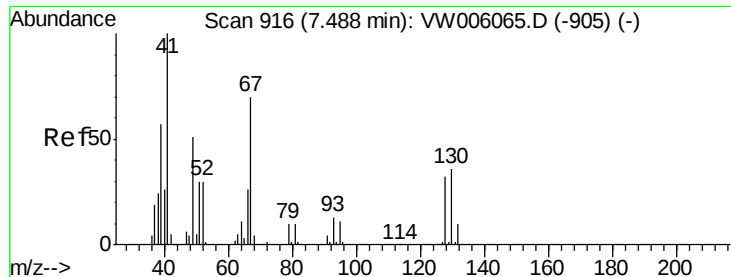
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#40
Benzene
Concen: 22.222 ug/l
RT: 8.32 min Scan# 1053
Delta R.T. -0.01 min
Lab File: VW006334.D
Acq: 25 Oct 2018 00:10

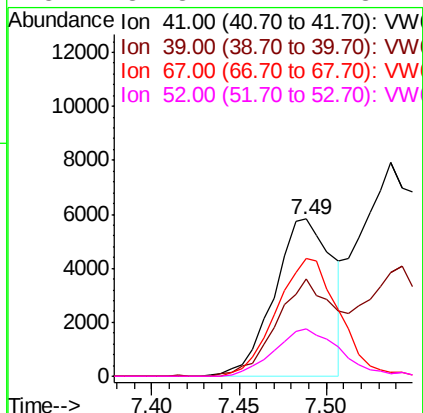
Tgt Ion	Ratio	Lower	Upper
78	100		
77	24.0	19.4	29.0





#41
Methacrylonitrile
Concen: 20.006 ug/l
RT: 7.49 min Scan# 916
Delta R.T. 0.00 min
Lab File: VW006334.D
Acq: 25 Oct 2018 00:10

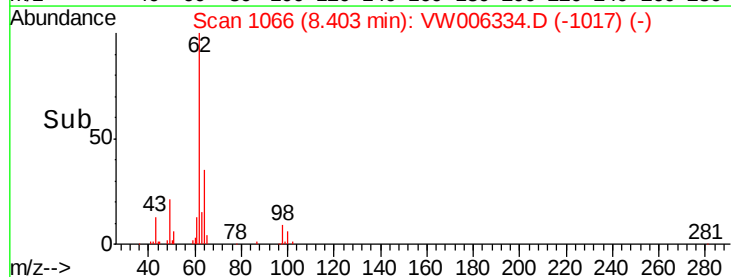
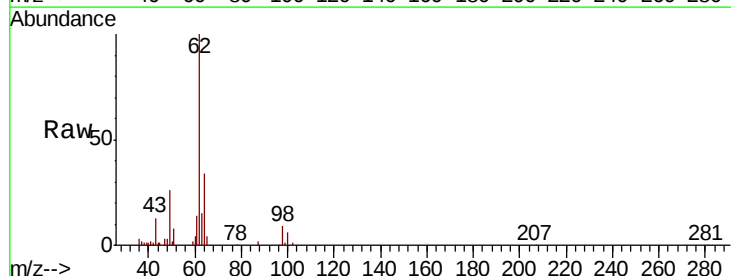
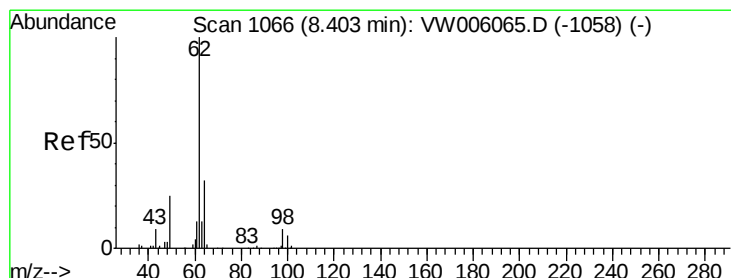
Tot Ion	Ratio	Lower	Upper
41	100		
39	64.8	46.2	69.4
67	80.3	57.7	86.5
52	34.3	24.7	37.1



Instrument :
MSVOA_W
ClientSampleId :
VW1024SBS01

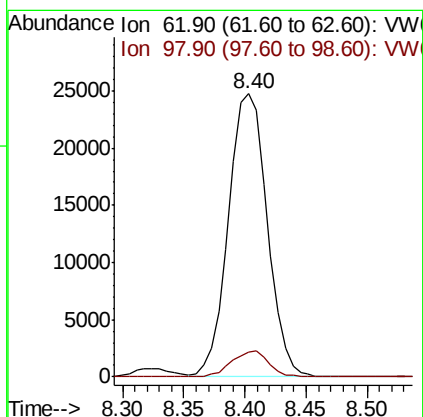
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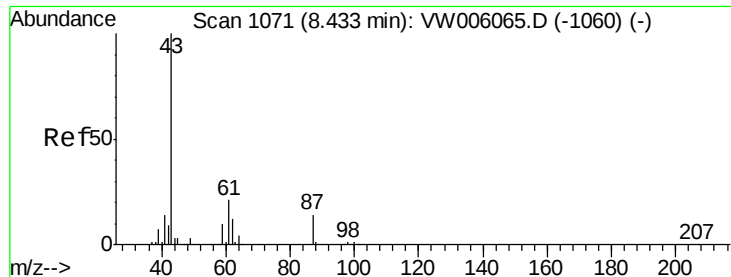
apatel
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#42
1,2-Dichloroethane
Concen: 22.362 ug/l
RT: 8.40 min Scan# 1066
Delta R.T. 0.00 min
Lab File: VW006334.D
Acq: 25 Oct 2018 00:10

Tgt Ion	Ratio	Lower	Upper
62	100		
98	8.7	0.0	18.4





#43

Isopropyl Acetate

Concen: 20.648 ug/l

RT: 8.43 min Scan# 1071

Delta R.T. 0.00 min

Lab File: VW006334.D

Acq: 25 Oct 2018 00:10

Instrument :

MSVOA_W

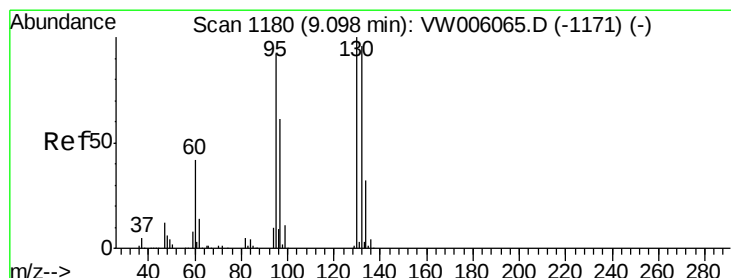
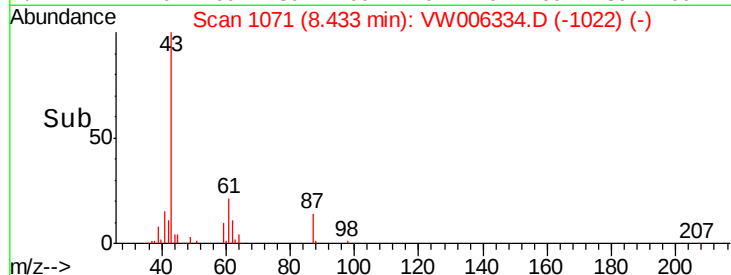
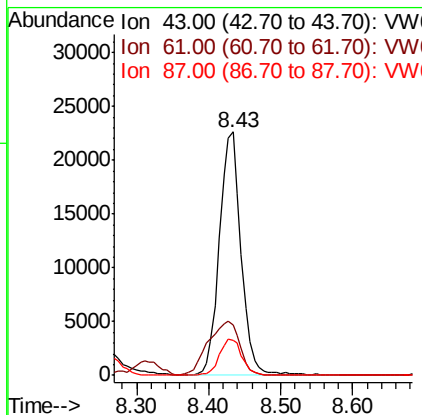
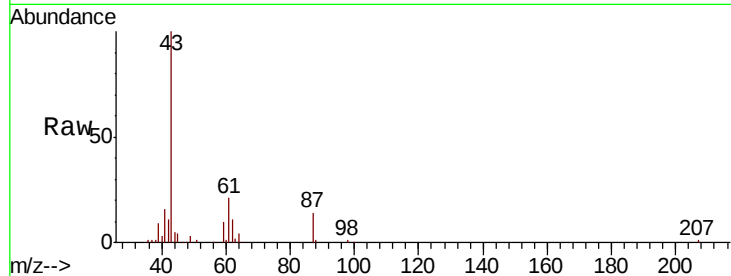
ClientSampleId :

VW1024SBS01

Tot Ion:	43	Resp:	47470
Ion	Ratio	Lower	Upper
43	100		
61	32.2	25.5	38.3
87	15.2	11.7	17.5

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#44

Trichloroethene

Concen: 22.074 ug/l

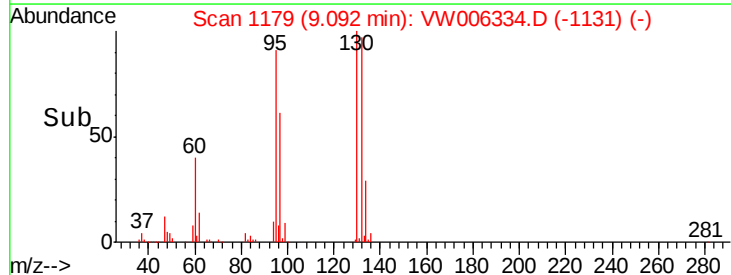
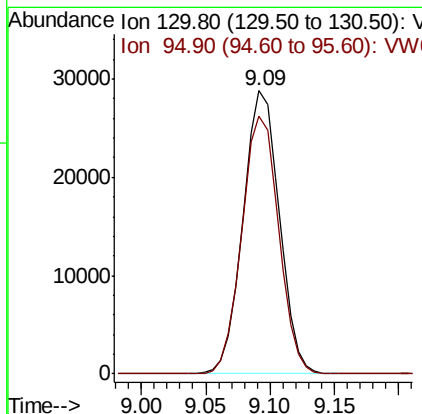
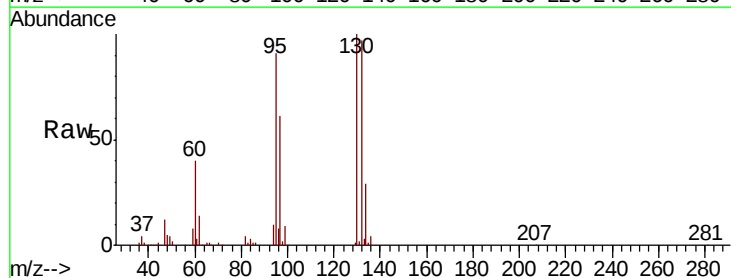
RT: 9.09 min Scan# 1179

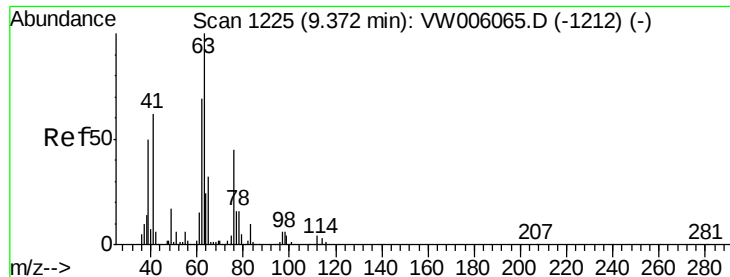
Delta R.T. -0.01 min

Lab File: VW006334.D

Acq: 25 Oct 2018 00:10

Tgt Ion:	130	Resp:	56219
Ion	Ratio	Lower	Upper
130	100		
95	90.9	0.0	183.2





#45

1,2-Dichloropropane

Concen: 21.976 ug/l

RT: 9.37 min Scan# 1225

Delta R.T. 0.00 min

Lab File: VW006334.D

Acq: 25 Oct 2018 00:10

Instrument :

MSVOA_W

ClientSampleId :

VW1024SBS01

Tot Ion: 63 Resp: 43655

Ion Ratio Lower Upper

63 100

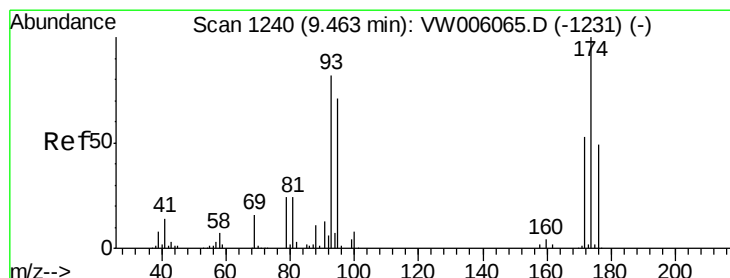
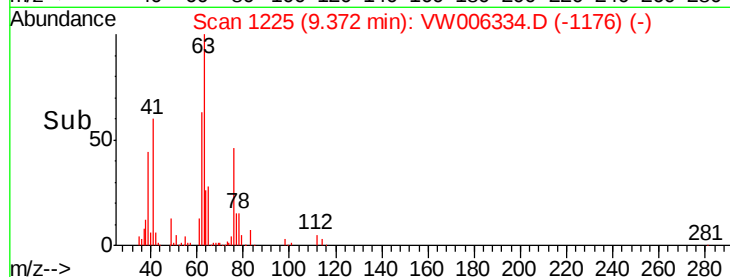
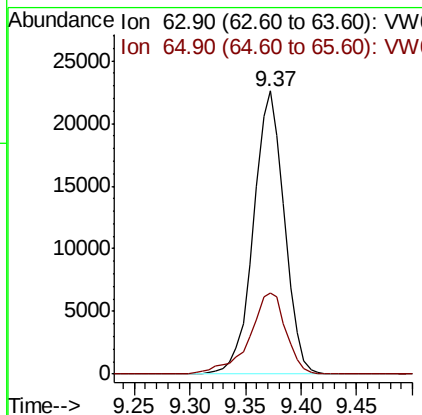
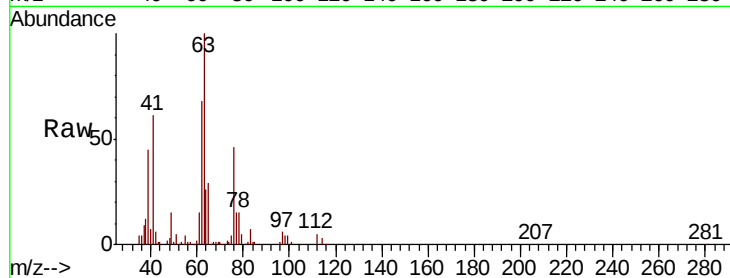
65 28.9 25.4 38.0

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#46

Dibromomethane

Concen: 22.045 ug/l

RT: 9.46 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VW006334.D

Acq: 25 Oct 2018 00:10

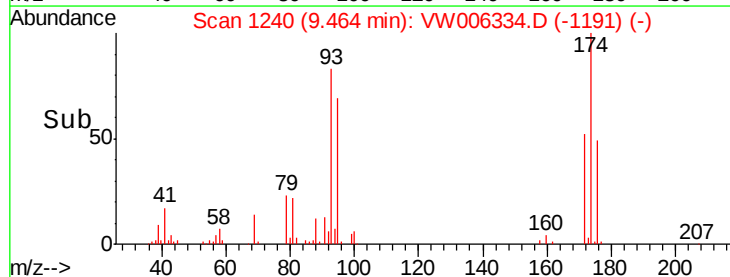
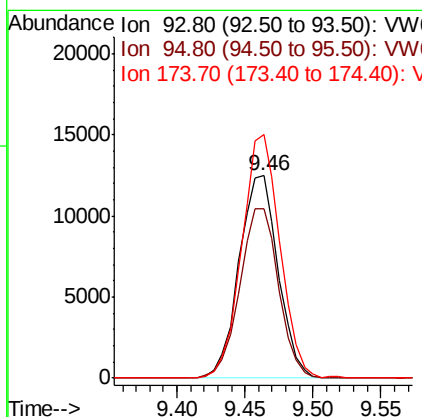
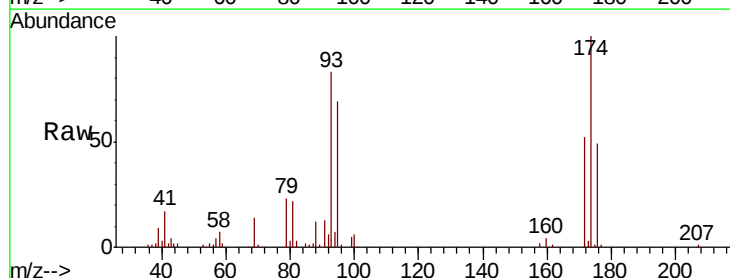
Tgt Ion: 93 Resp: 24959

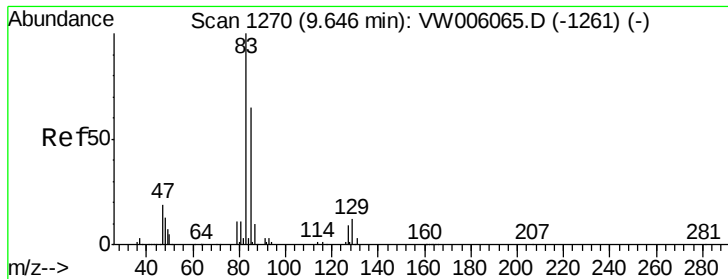
Ion Ratio Lower Upper

93 100

95 83.6 67.7 101.5

174 117.9 93.7 140.5





#47

Bromodichloromethane

Concen: 21.052 ug/l

RT: 9.65 min Scan# 1270

Delta R.T. 0.00 min

Lab File: VW006334.D

Acq: 25 Oct 2018 00:10

Instrument :

MSVOA_W

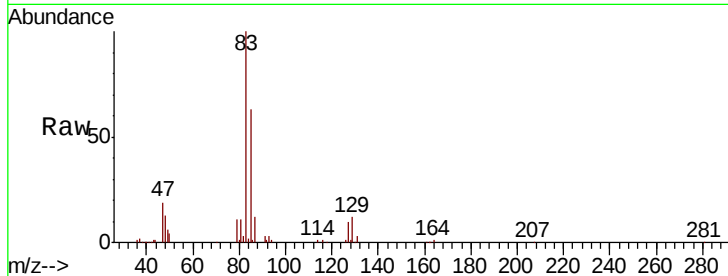
ClientSampleId :

VW1024SBSD01

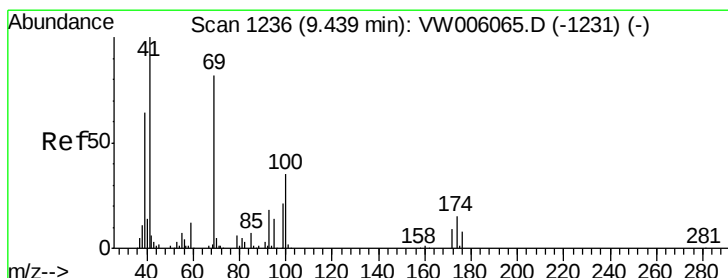
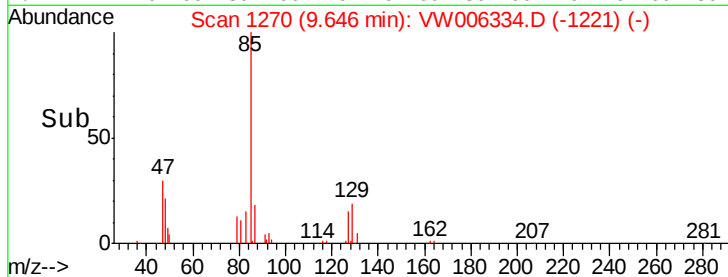
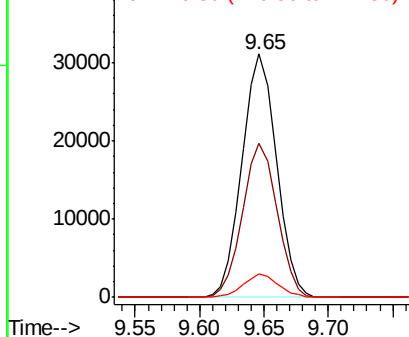
Tot Ion:	83	Resp:	57787
Ion Ratio	Lower	Upper	
83	100		
85	63.1	51.8	77.8
127	9.5	6.9	10.3

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Abundance Ion 82.90 (82.60 to 83.60): VW
Ion 84.90 (84.60 to 85.60): VW
Ion 126.80 (126.50 to 127.50): VW



#48

Methyl methacrylate

Concen: 21.365 ug/l

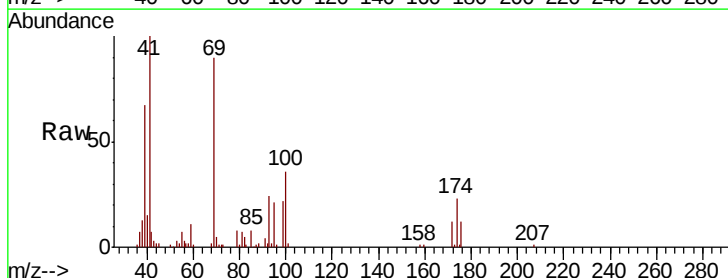
RT: 9.44 min Scan# 1236

Delta R.T. 0.00 min

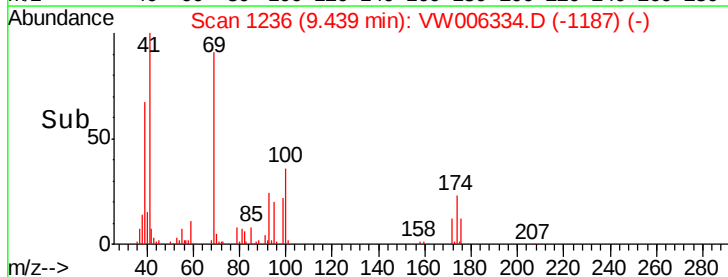
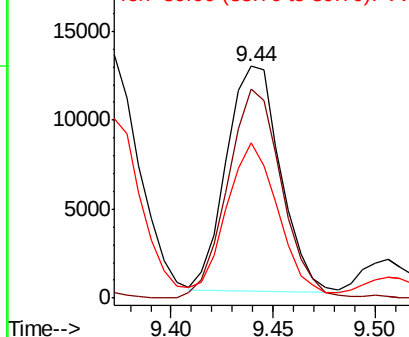
Lab File: VW006334.D

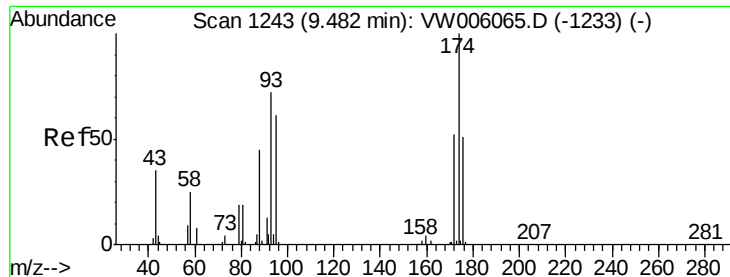
Acq: 25 Oct 2018 00:10

Tgt Ion:	41	Resp:	23283
Ion Ratio	Lower	Upper	
41	100		
69	93.4	71.8	107.8
39	67.0	52.5	78.7



Abundance Ion 41.00 (40.70 to 41.70): VW
Ion 69.00 (68.70 to 69.70): VW
Ion 39.00 (38.70 to 39.70): VW





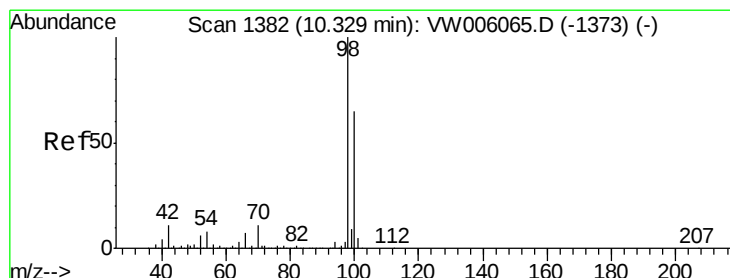
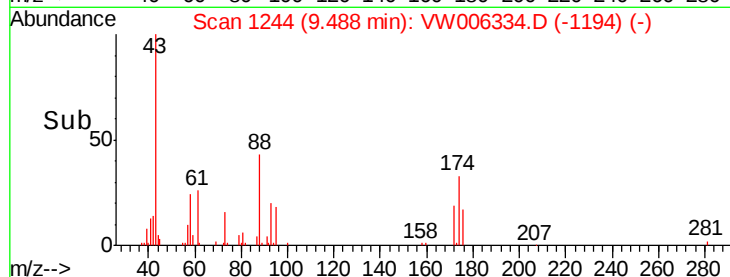
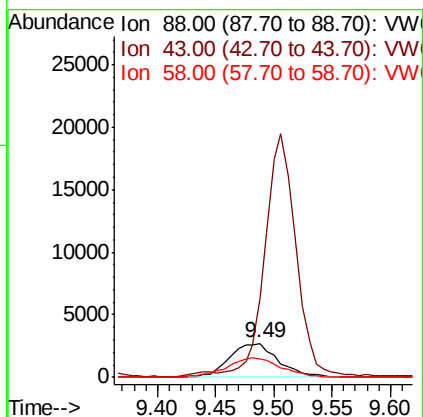
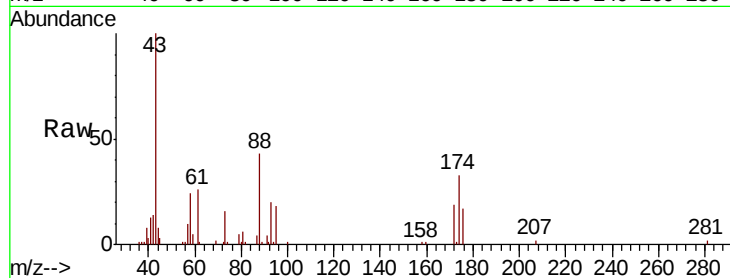
#49
1,4-Dioxane
Concen: 455.769 ug/l
RT: 9.49 min Scan# 1244
Delta R.T. 0.01 min
Lab File: VW006334.D
Acq: 25 Oct 2018 00:10

Instrument :
MSVOA_W
ClientSampleId :
VW1024SBSD01

Tot Ion	Ratio	Lower	Upper
88	100		
43	0.0	0.0	0.0
58	63.3	51.2	76.8

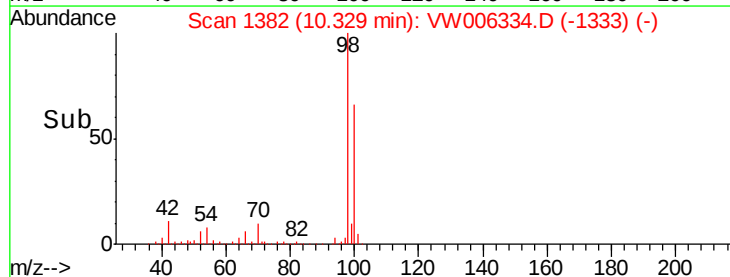
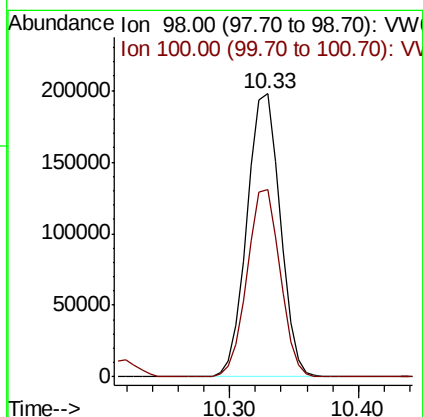
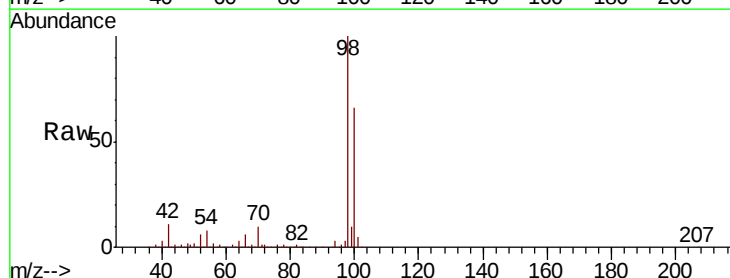
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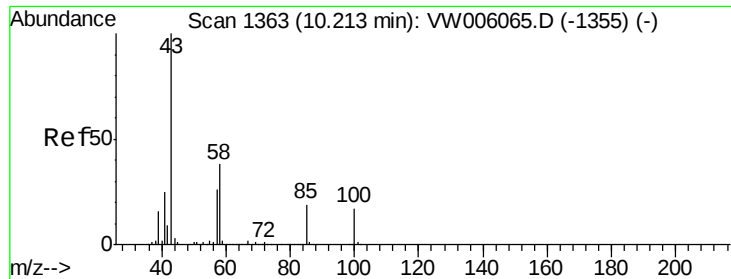
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#50
Toluene-d8
Concen: 47.776 ug/l
RT: 10.33 min Scan# 1382
Delta R.T. 0.00 min
Lab File: VW006334.D
Acq: 25 Oct 2018 00:10

Tgt Ion	Ratio	Lower	Upper
98	100		
100	65.5	51.6	77.4





#51

4-Methyl-2-Pentanone

Concen: 106.925 ug/l

RT: 10.21 min Scan# 1363

Delta R.T. 0.00 min

Lab File: VW006334.D

Acq: 25 Oct 2018 00:10

Instrument :

MSVOA_W

ClientSampleId :

VW1024SBS01

Tot Ion: 43 Resp: 123165

Ion Ratio Lower Upper

43 100

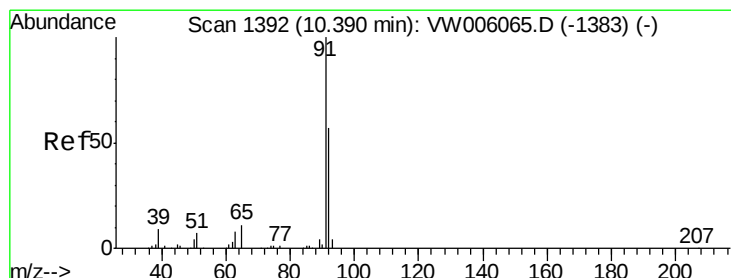
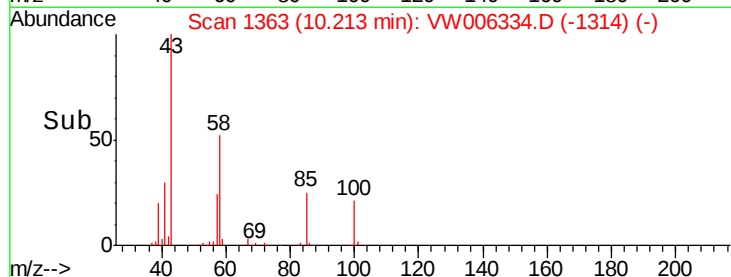
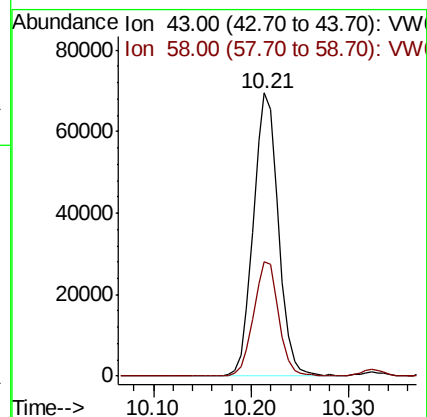
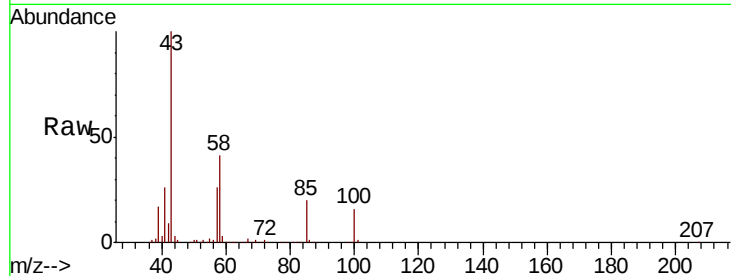
58 40.4 31.5 47.3

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#52

Toluene

Concen: 22.292 ug/l

RT: 10.39 min Scan# 1392

Delta R.T. 0.00 min

Lab File: VW006334.D

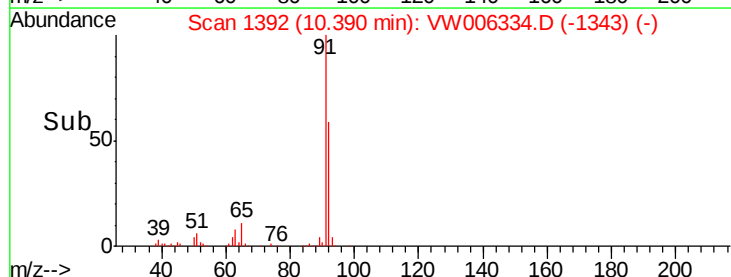
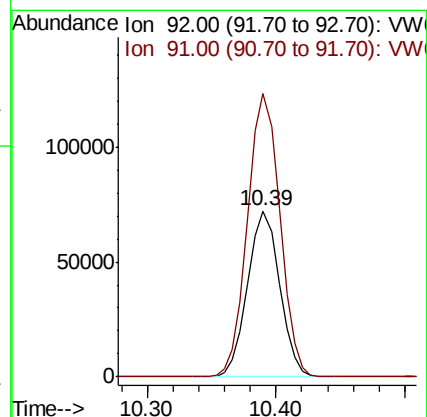
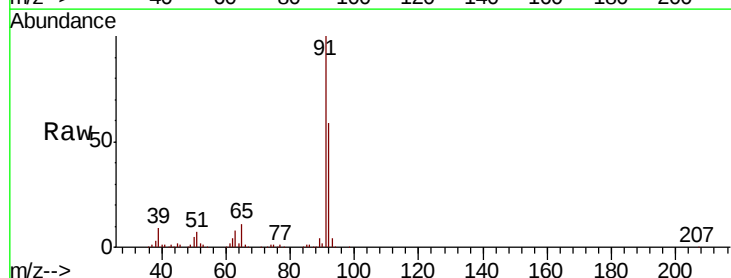
Acq: 25 Oct 2018 00:10

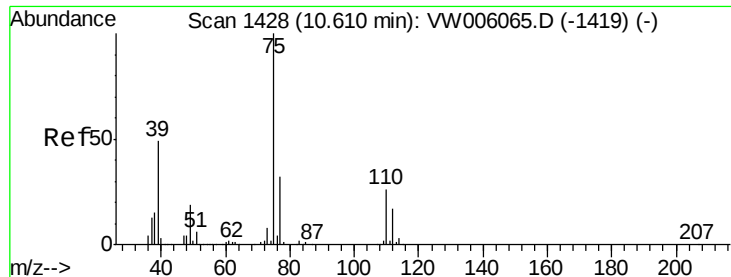
Tgt Ion: 92 Resp: 124064

Ion Ratio Lower Upper

92 100

91 172.8 140.0 210.0





#53

t-1,3-Dichloropropene

Concen: 19.528 ug/l

RT: 10.61 min Scan# 1428

Delta R.T. 0.00 min

Lab File: VW006334.D

Acq: 25 Oct 2018 00:10

Instrument :

MSVOA_W

ClientSampleId :

VW1024SBSD01

Tot Ion: 75 Resp: 53407

Ion Ratio Lower Upper

75 100

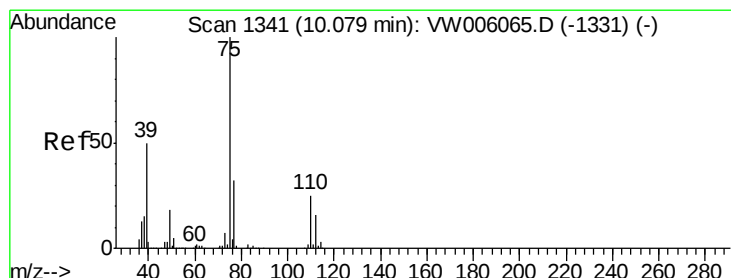
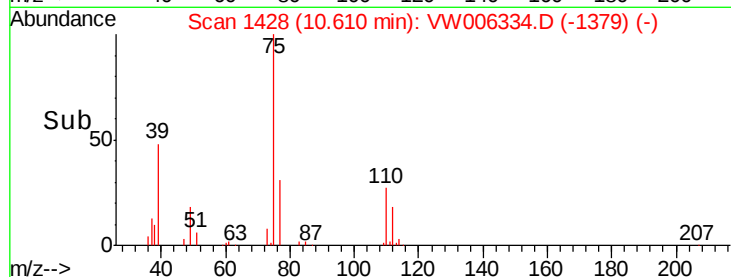
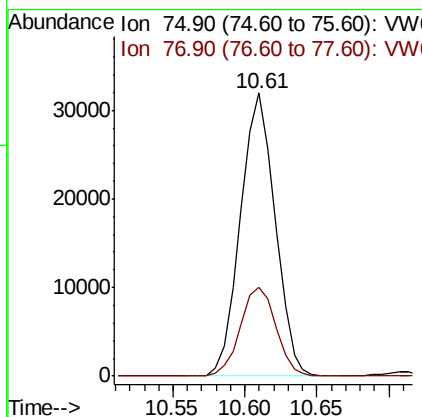
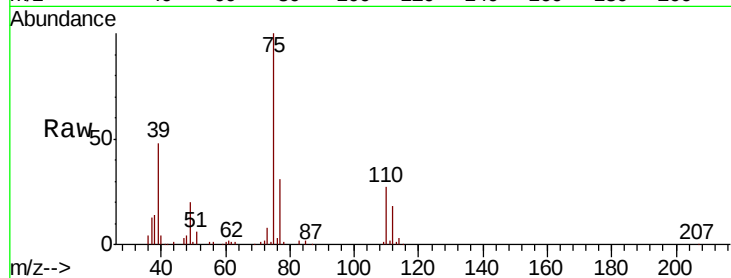
77 31.3 25.4 38.2

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#54

cis-1,3-Dichloropropene

Concen: 20.279 ug/l

RT: 10.07 min Scan# 1340

Delta R.T. -0.01 min

Lab File: VW006334.D

Acq: 25 Oct 2018 00:10

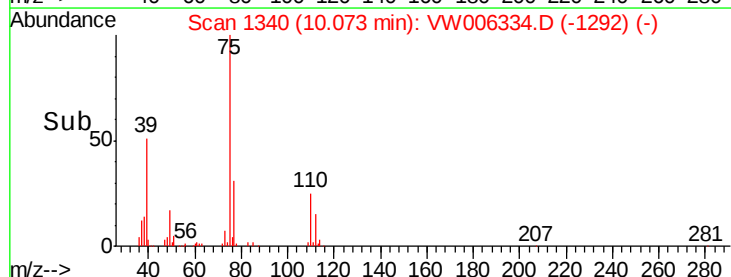
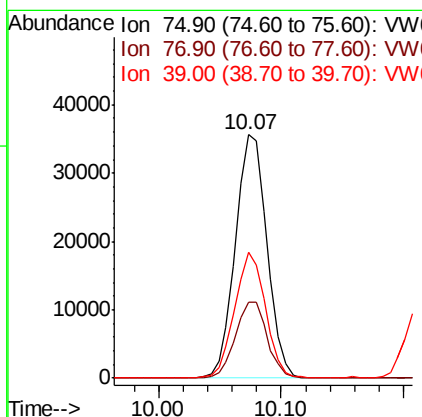
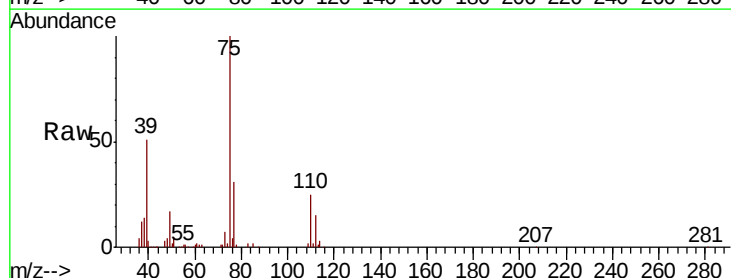
Tgt Ion: 75 Resp: 63653

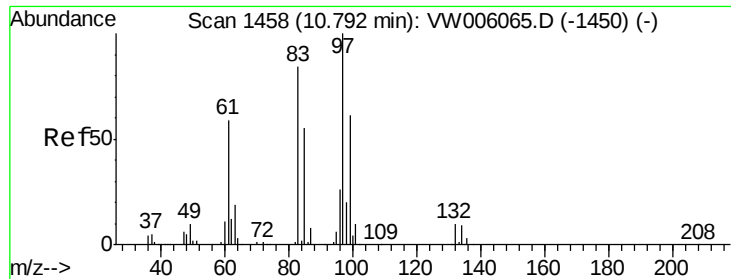
Ion Ratio Lower Upper

75 100

77 31.4 25.2 37.8

39 51.2 39.9 59.9





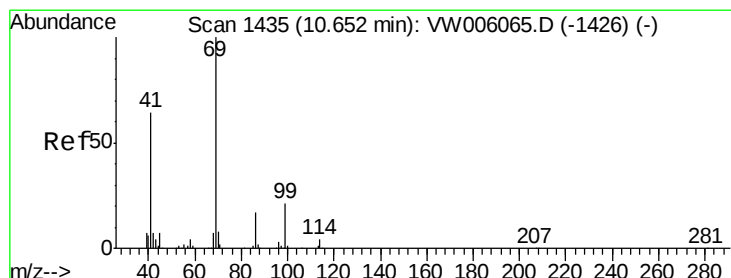
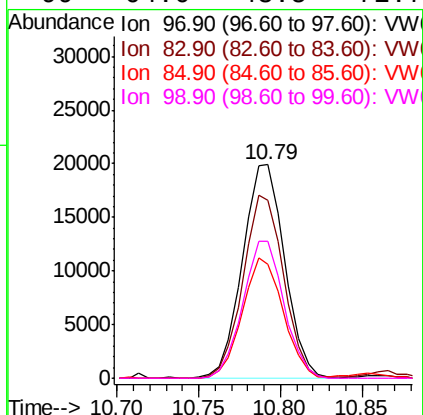
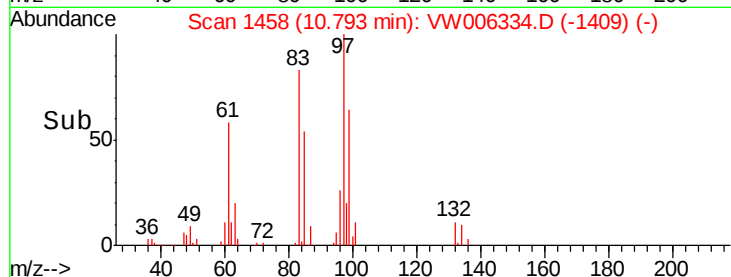
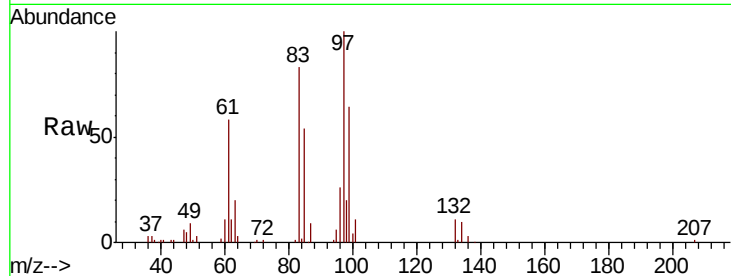
#55
 1,1,2-Trichloroethane
 Concen: 22.562 ug/l
 RT: 10.79 min Scan# 1458
 Delta R.T. 0.00 min
 Lab File: VW006334.D
 Acq: 25 Oct 2018 00:10

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1024SBS01

Tot Ion:	97	Resp:	35747
Ion	Ratio	Lower	Upper
97	100		
83	83.3	67.2	100.8
85	53.5	43.7	65.5
99	64.0	48.5	72.7

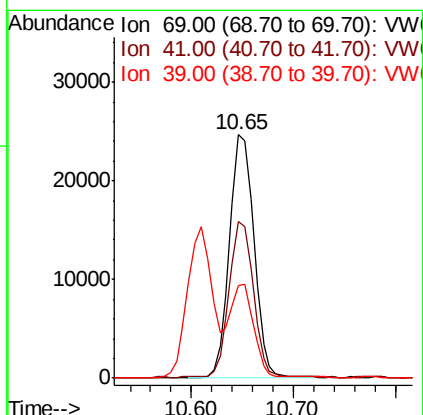
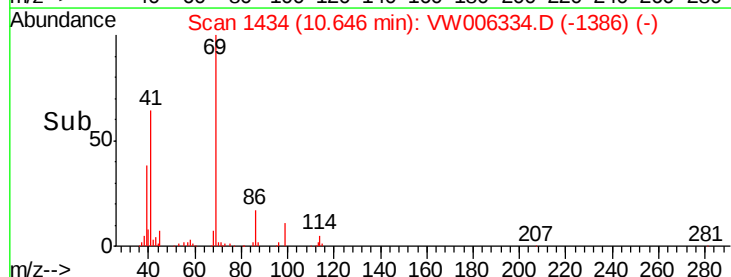
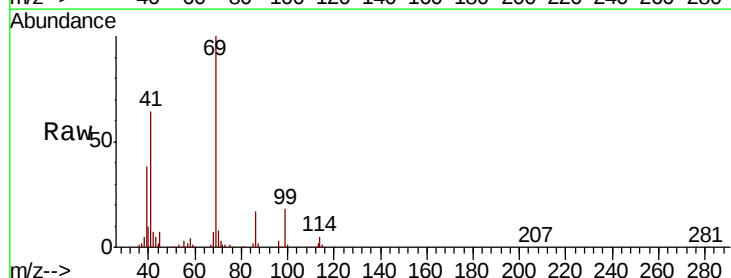
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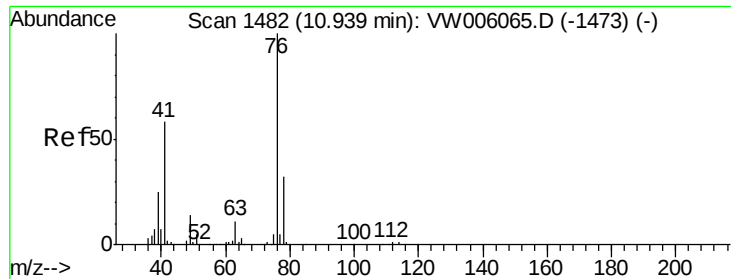
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#56
 Ethyl methacrylate
 Concen: 21.241 ug/l
 RT: 10.65 min Scan# 1434
 Delta R.T. -0.01 min
 Lab File: VW006334.D
 Acq: 25 Oct 2018 00:10

Tgt Ion:	69	Resp:	41257
Ion	Ratio	Lower	Upper
69	100		
41	63.2	52.8	79.2
39	38.0	30.6	45.8





#57

1,3-Dichloropropane

Concen: 22.310 ug/l

RT: 10.93 min Scan# 1481

Delta R.T. -0.01 min

Lab File: VW006334.D

Acq: 25 Oct 2018 00:10

Instrument :

MSVOA_W

ClientSampleId :

VW1024SBSD01

Tot Ion: 76 Resp: 58515

Ion Ratio Lower Upper

76 100

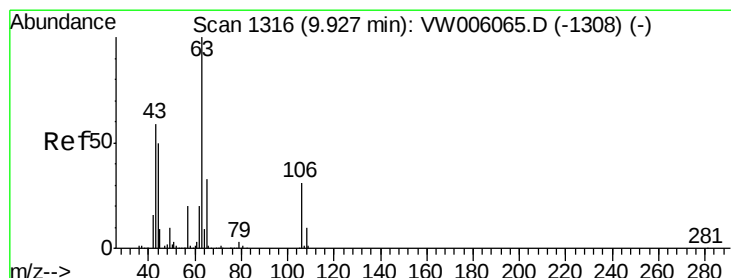
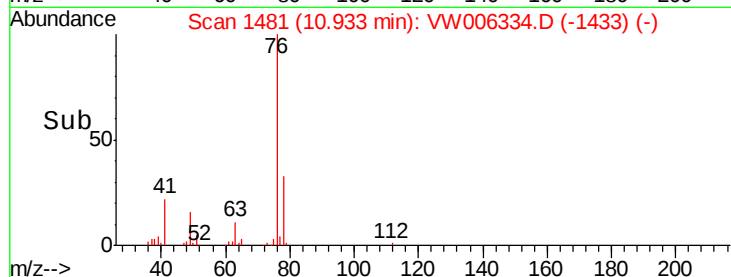
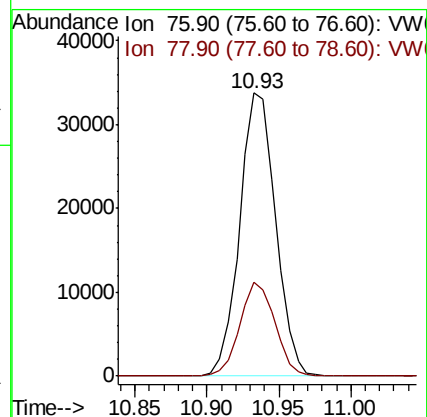
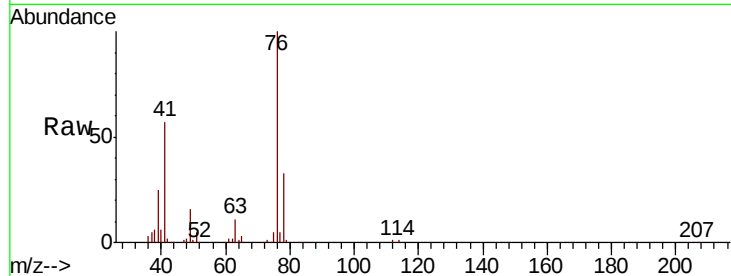
78 32.3 25.9 38.9

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#58

2-Chloroethyl Vinyl ether

Concen: 109.848 ug/l

RT: 9.93 min Scan# 1316

Delta R.T. 0.00 min

Lab File: VW006334.D

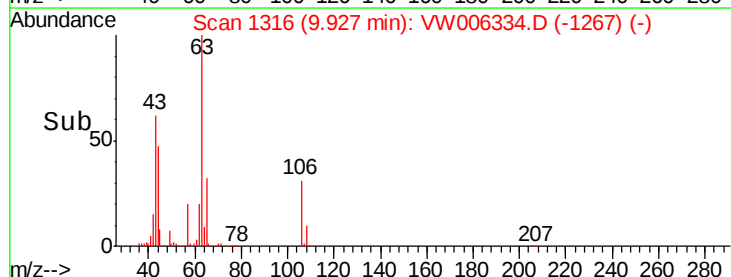
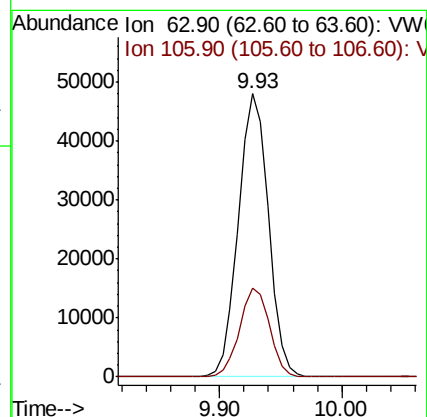
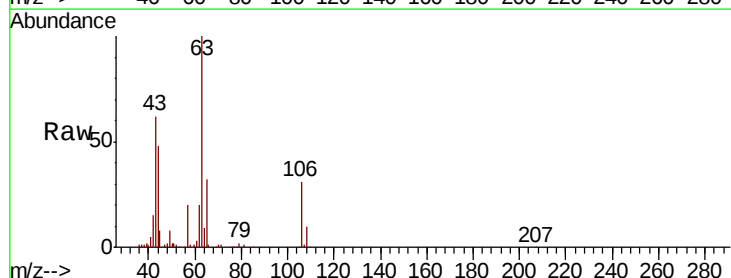
Acq: 25 Oct 2018 00:10

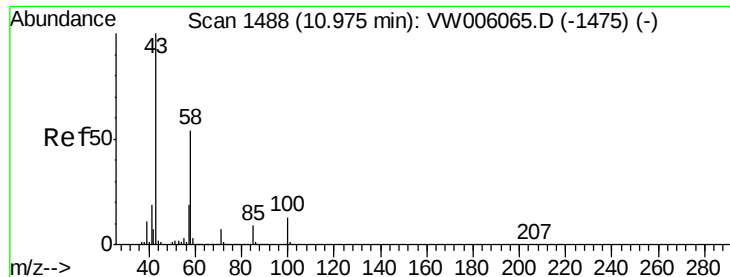
Tgt Ion: 63 Resp: 81528

Ion Ratio Lower Upper

63 100

106 31.2 24.5 36.7





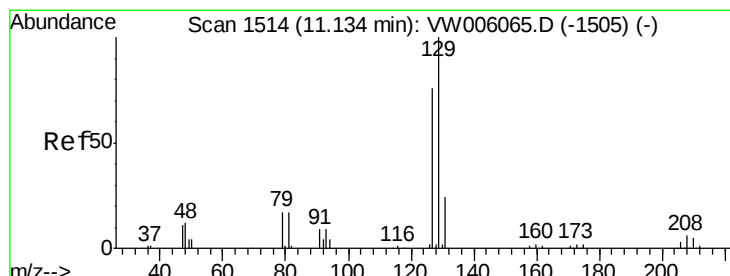
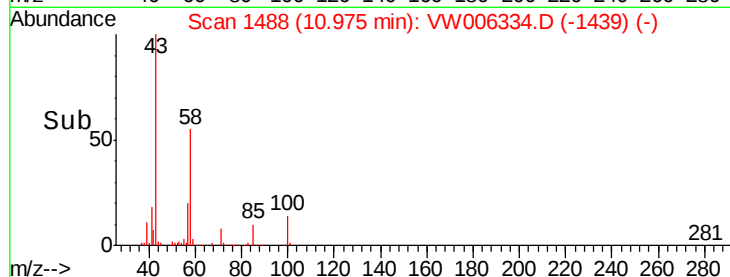
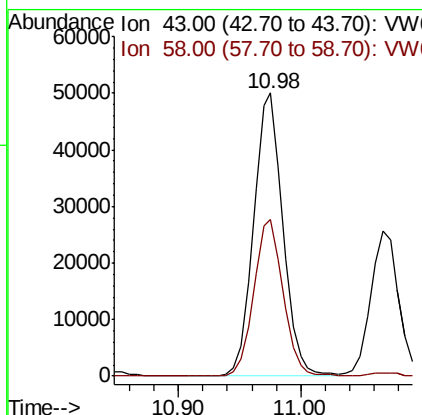
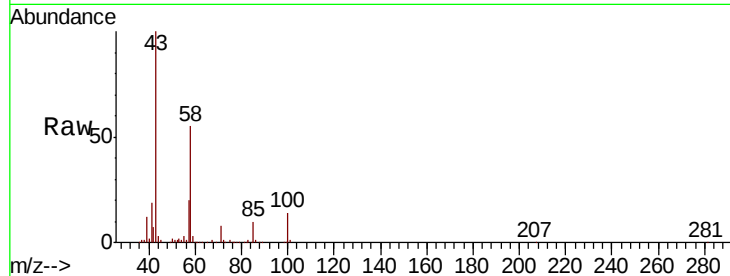
#59
2-Hexanone
Concen: 101.618 ug/l
RT: 10.98 min Scan# 1488
Delta R.T. 0.00 min
Lab File: VW006334.D
Acq: 25 Oct 2018 00:10

Instrument :
MSVOA_W
ClientSampleId :
VW1024SBSD01

Tot Ion: 43 Resp: 83556
Ion Ratio Lower Upper
43 100
58 55.6 26.9 80.6

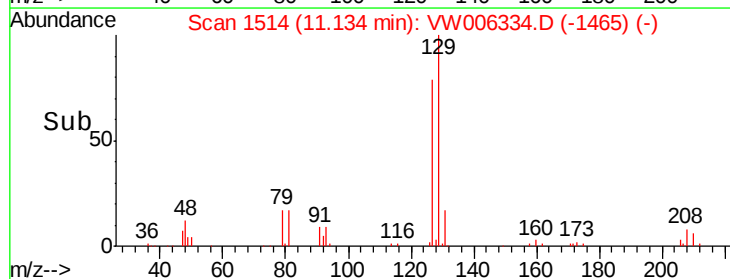
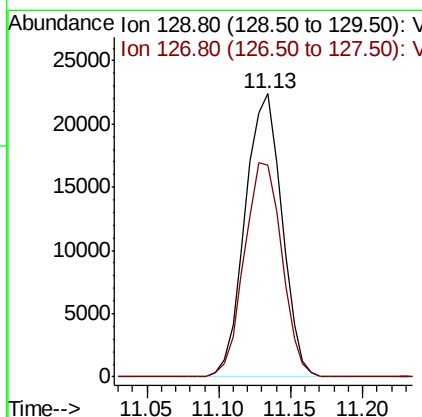
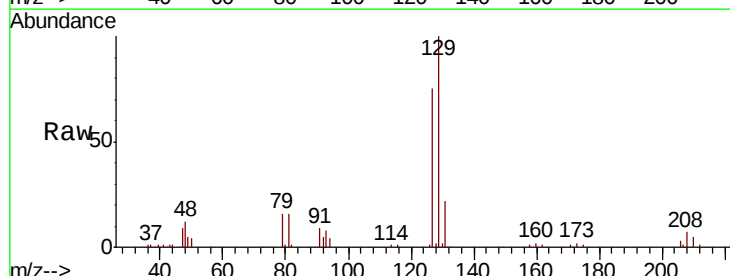
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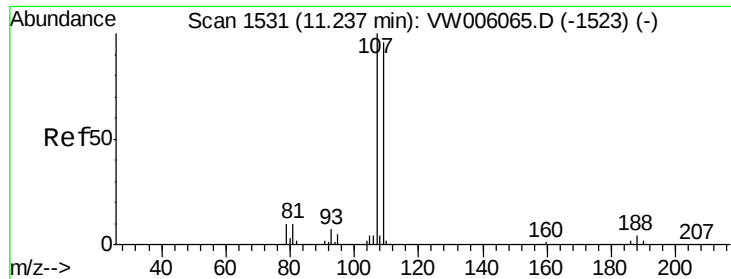
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#60
Dibromochloromethane
Concen: 20.028 ug/l
RT: 11.13 min Scan# 1514
Delta R.T. 0.00 min
Lab File: VW006334.D
Acq: 25 Oct 2018 00:10

Tgt Ion: 129 Resp: 39526
Ion Ratio Lower Upper
129 100
127 77.5 38.6 115.7





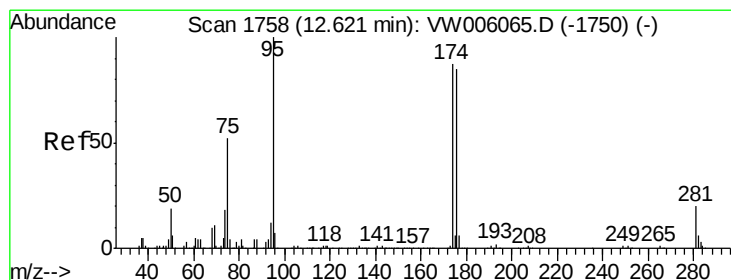
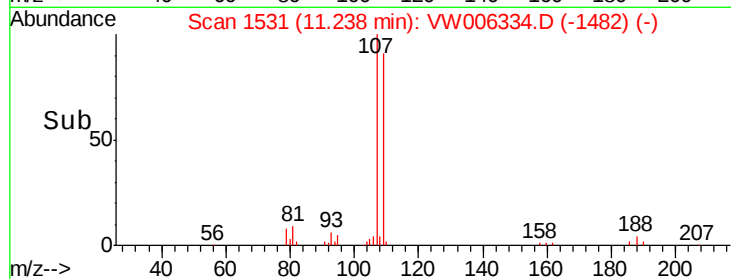
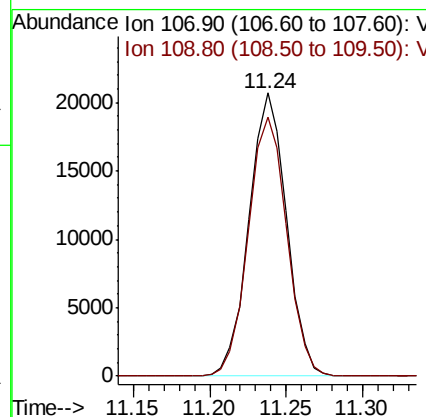
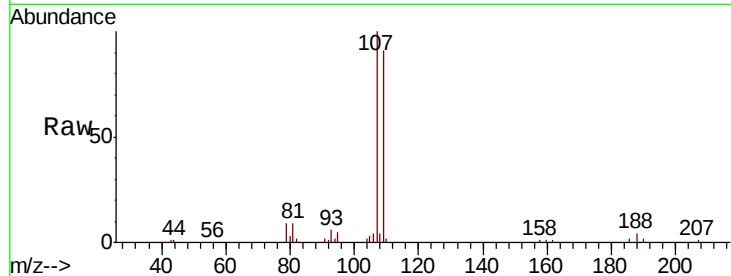
#61
 1,2-Dibromoethane
 Concen: 22.282 ug/l
 RT: 11.24 min Scan# 1531
 Delta R.T. 0.00 min
 Lab File: VW006334.D
 Acq: 25 Oct 2018 00:10

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1024SBS01

Tot Ion: 107 Resp: 35274
 Ion Ratio Lower Upper
 107 100
 109 94.1 76.3 114.5

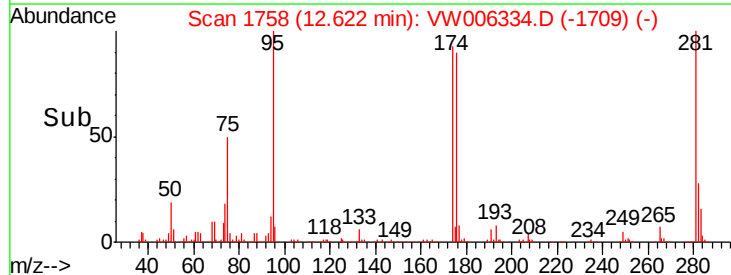
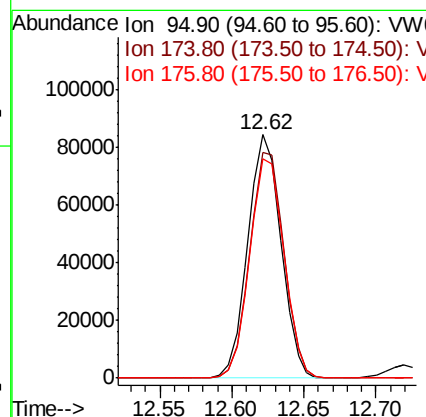
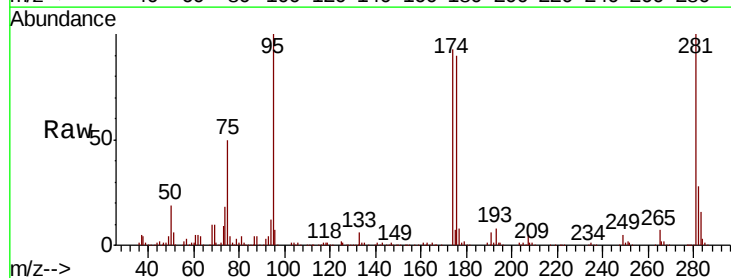
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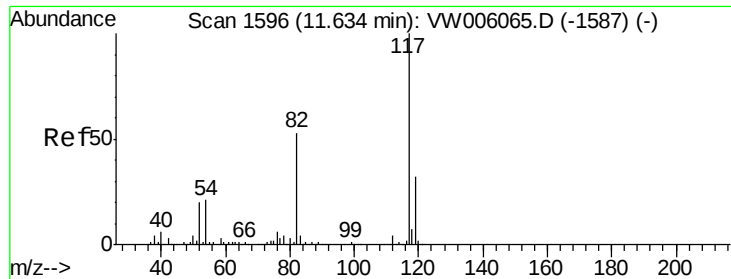
apatel
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#62
 4-Bromofluorobenzene
 Concen: 48.366 ug/l
 RT: 12.62 min Scan# 1758
 Delta R.T. 0.00 min
 Lab File: VW006334.D
 Acq: 25 Oct 2018 00:10

Tgt Ion: 95 Resp: 134086
 Ion Ratio Lower Upper
 95 100
 174 95.2 0.0 186.0
 176 93.1 0.0 181.6





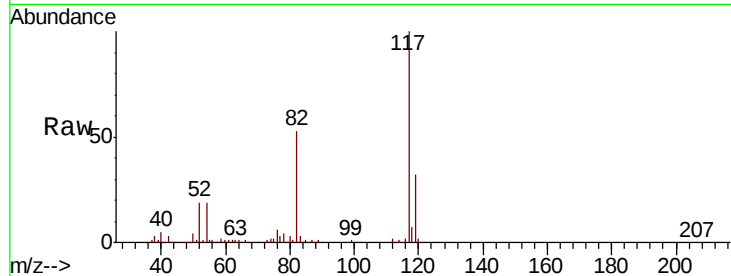
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.00 min
Lab File: VW006334.D
Acq: 25 Oct 2018 00:10

Instrument :
MSVOA_W
ClientSampleId :
VW1024SBSD01

Tot Ion	Ratio	Resp	Lower	Upper
117	100	295461		
82	53.0	42.1	63.1	
119	32.2	25.8	38.6	

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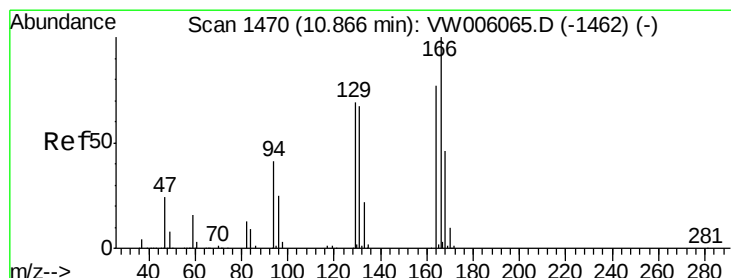
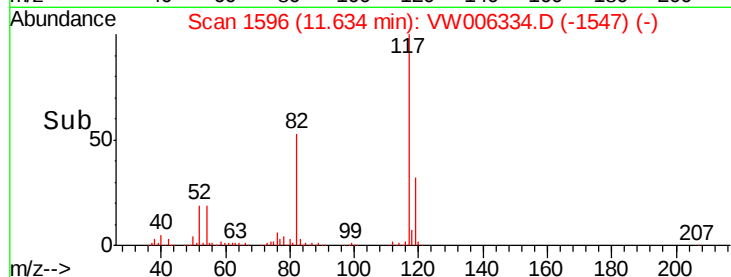
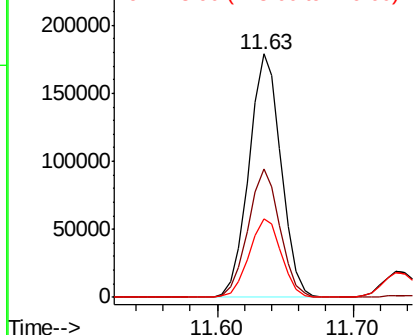


Abundance

Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): V

Ion 118.90 (118.60 to 119.60): V



#64
Tetrachloroethene
Concen: 22.957 ug/l
RT: 10.87 min Scan# 1470
Delta R.T. 0.00 min
Lab File: VW006334.D
Acq: 25 Oct 2018 00:10

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	52656		
166	125.8	103.4	155.0	
129	88.1	71.8	107.8	
131	84.7	69.5	104.3	

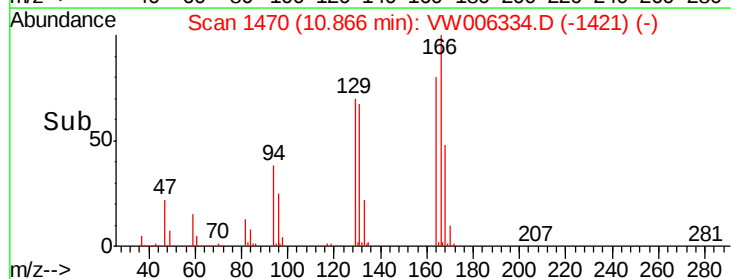
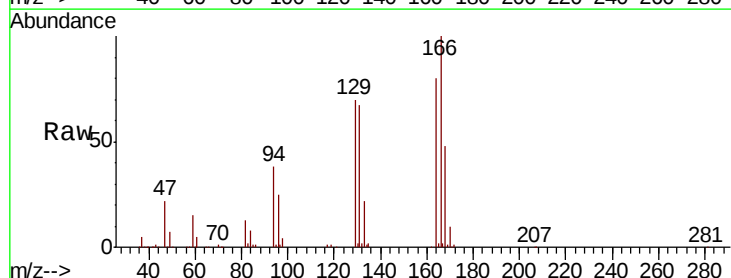
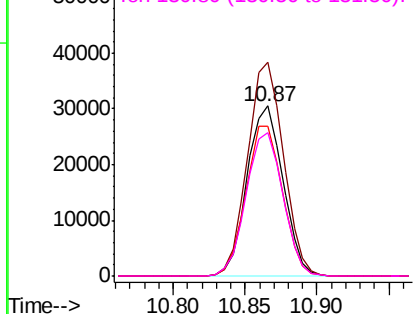
Abundance

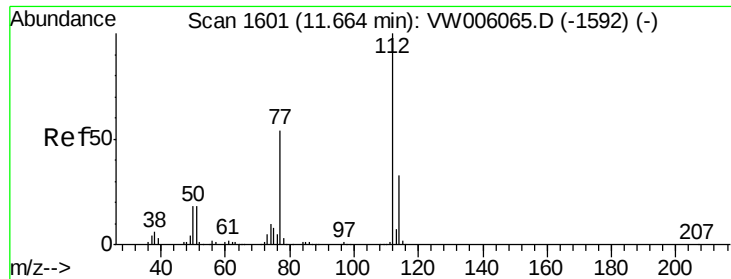
Ion 163.80 (163.50 to 164.50): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.80 (128.50 to 129.50): V

Ion 130.80 (130.50 to 131.50): V





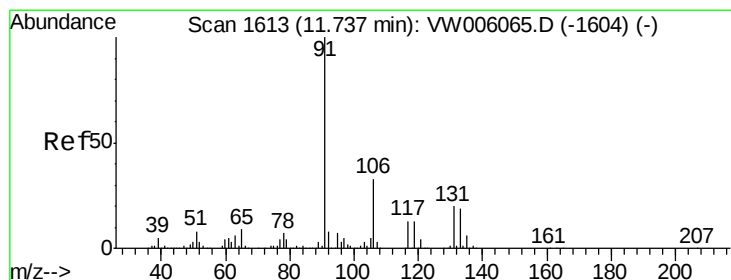
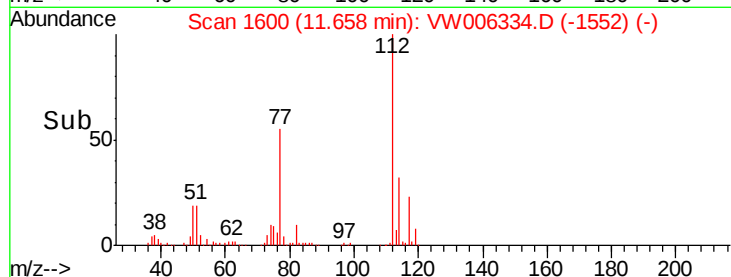
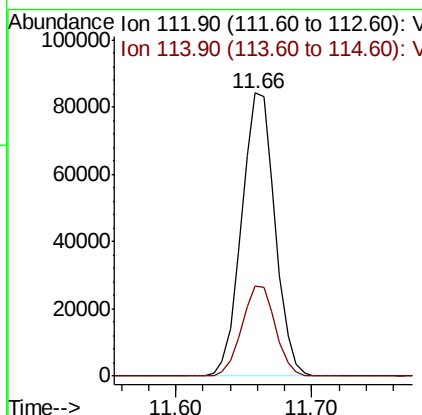
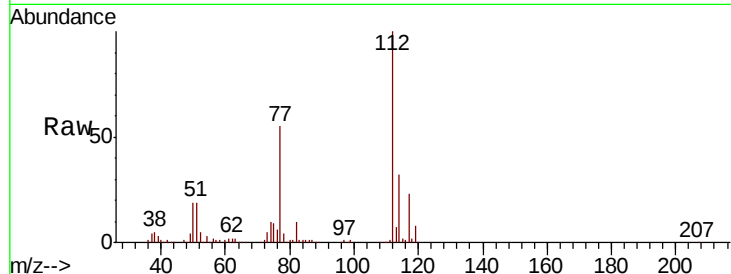
#65
Chlorobenzene
Concen: 22.768 ug/l
RT: 11.66 min Scan# 1600
Delta R.T. -0.01 min
Lab File: VW006334.D
Acq: 25 Oct 2018 00:10

Instrument :
MSVOA_W
ClientSampleId :
VW1024SBSD01

Tot Ion:112 Resp: 144009
Ion Ratio Lower Upper
112 100
114 31.9 26.2 39.2

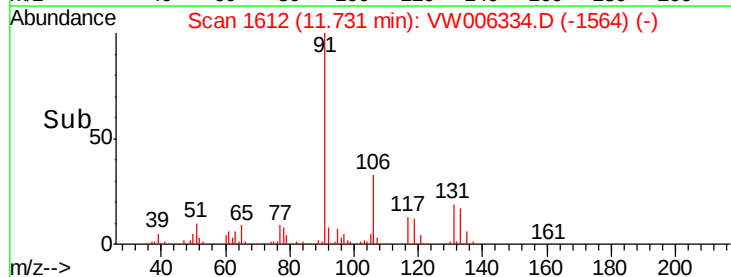
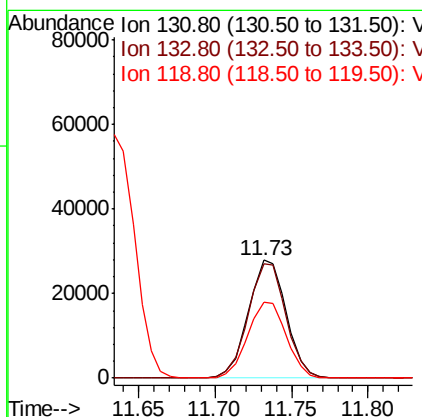
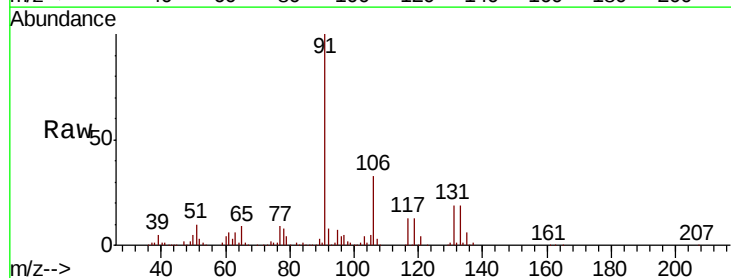
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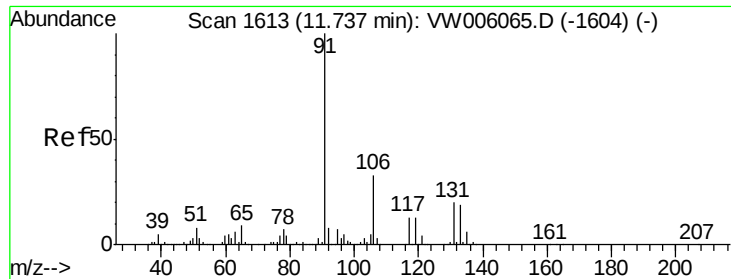
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#66
1,1,1,2-Tetrachloroethane
Concen: 21.392 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. -0.01 min
Lab File: VW006334.D
Acq: 25 Oct 2018 00:10

Tgt Ion:131 Resp: 48085
Ion Ratio Lower Upper
131 100
133 96.7 48.1 144.3
119 65.5 31.6 94.7





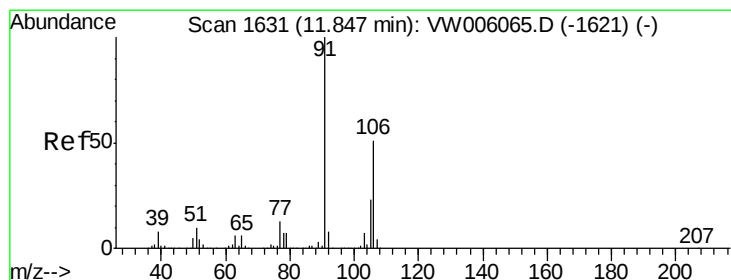
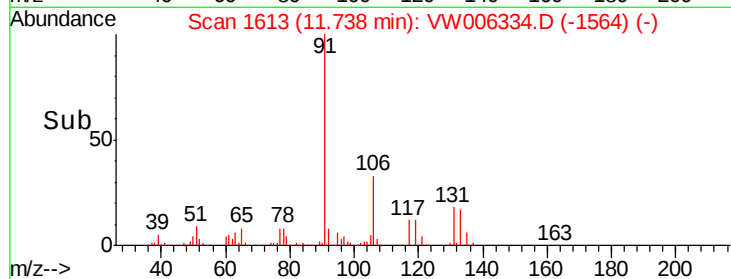
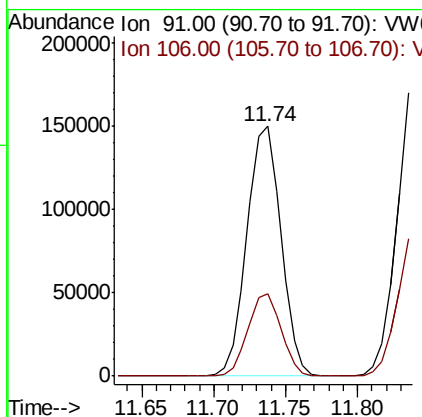
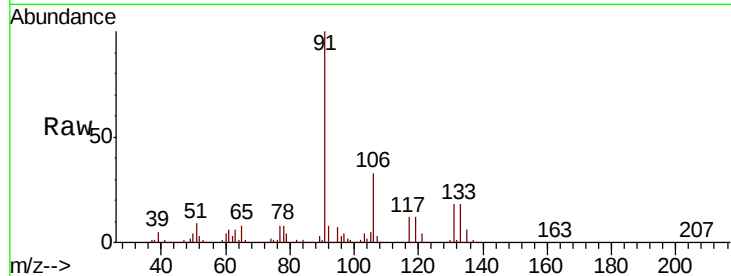
#67
Ethyl Benzene
Concen: 22.355 ug/l
RT: 11.74 min Scan# 1613
Delta R.T. 0.00 min
Lab File: VW006334.D
Acq: 25 Oct 2018 00:10

Instrument :
MSVOA_W
ClientSampleId :
VW1024SBS01

Tot Ion: 91 Resp: 245037
Ion Ratio Lower Upper
91 100
106 32.8 26.1 39.1

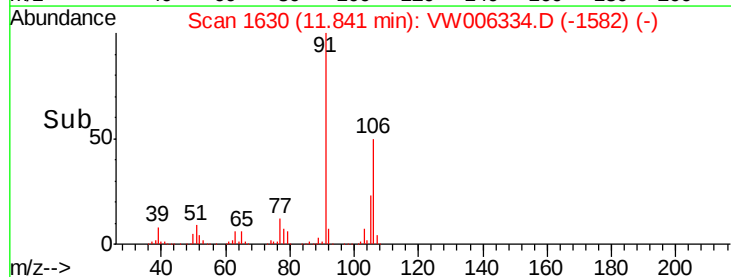
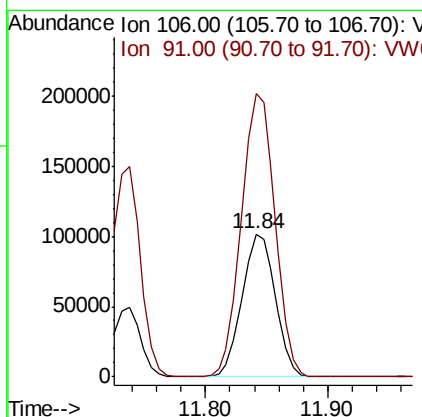
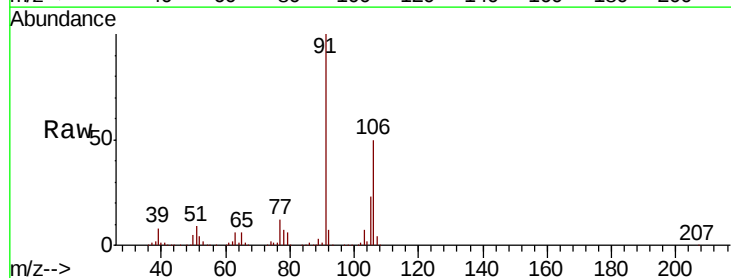
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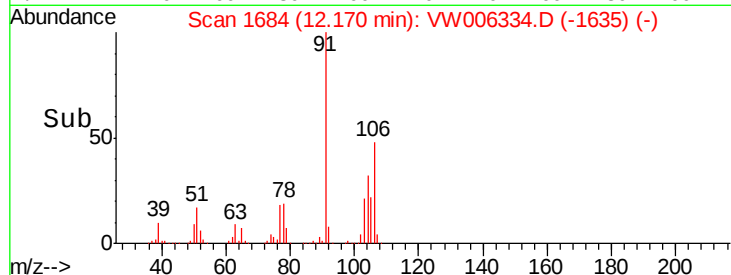
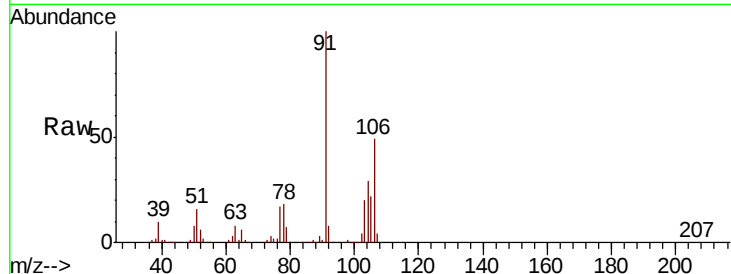
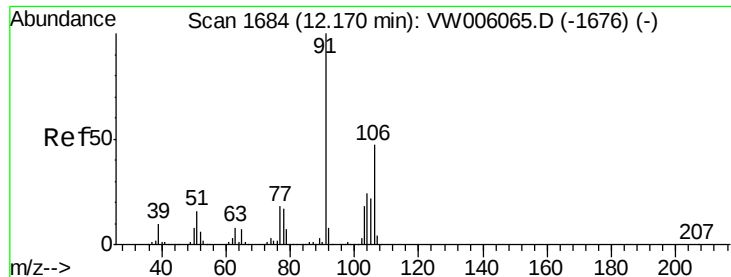
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#68
m/p-Xylenes
Concen: 44.447 ug/l
RT: 11.84 min Scan# 1630
Delta R.T. -0.01 min
Lab File: VW006334.D
Acq: 25 Oct 2018 00:10

Tgt Ion: 106 Resp: 192568
Ion Ratio Lower Upper
106 100
91 199.9 159.1 238.7





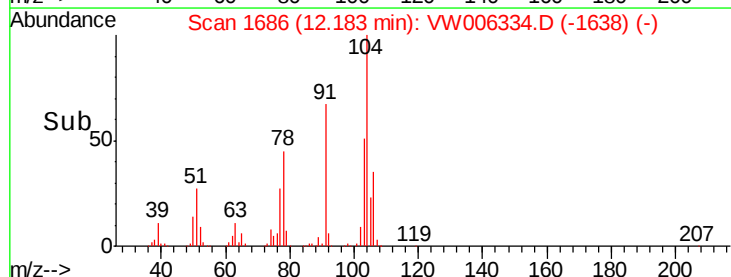
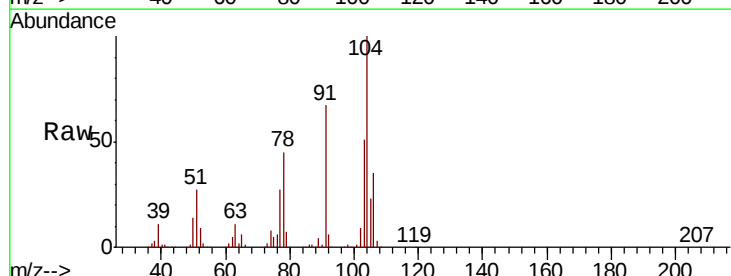
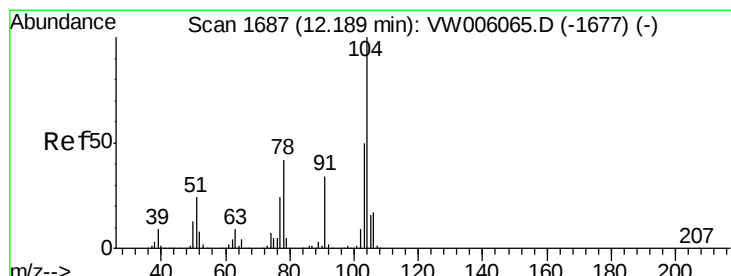
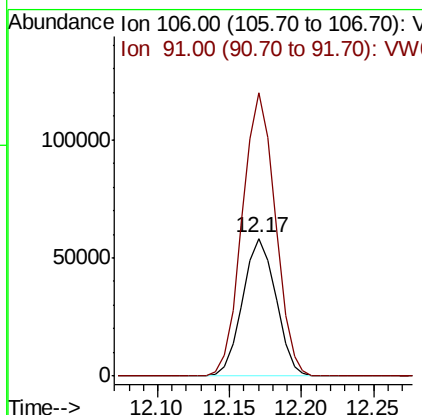
#69
o-Xylene
Concen: 22.537 ug/l
RT: 12.17 min Scan# 1684
Delta R.T. 0.00 min
Lab File: VW006334.D
Acq: 25 Oct 2018 00:10

Tot Ion:106 Resp: 93055
Ion Ratio Lower Upper
106 100
91 205.2 105.4 316.1

Instrument :
MSVOA_W
ClientSampleId :
VW1024SBSD01

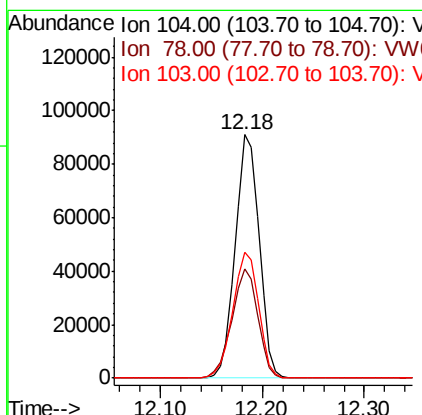
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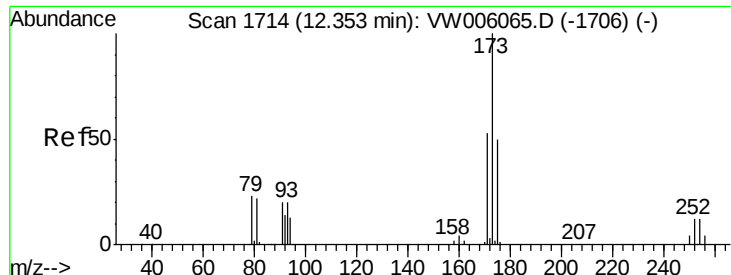
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#70
Styrene
Concen: 21.893 ug/l
RT: 12.18 min Scan# 1686
Delta R.T. -0.01 min
Lab File: VW006334.D
Acq: 25 Oct 2018 00:10

Tgt Ion:104 Resp: 146996
Ion Ratio Lower Upper
104 100
78 48.7 39.1 58.7
103 55.7 44.3 66.5





#71

Bromoform

Concen: 19.422 ug/l

RT: 12.35 min Scan# 1714

Delta R.T. 0.00 min

Lab File: VW006334.D

Acq: 25 Oct 2018 00:10

Instrument :

MSVOA_W

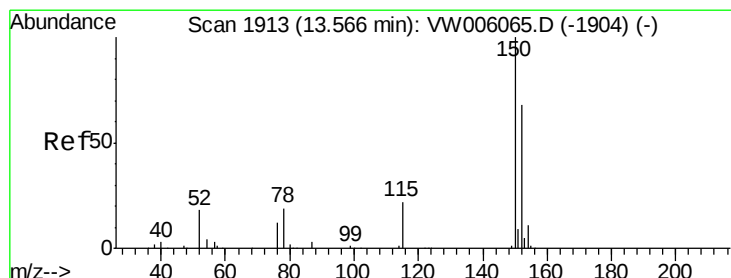
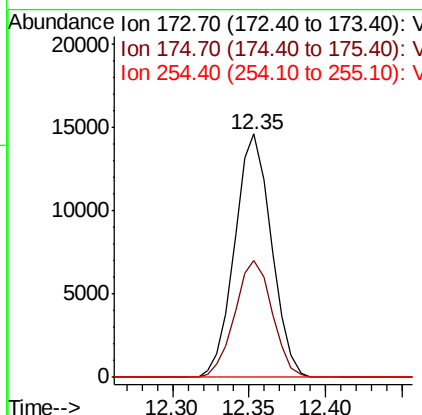
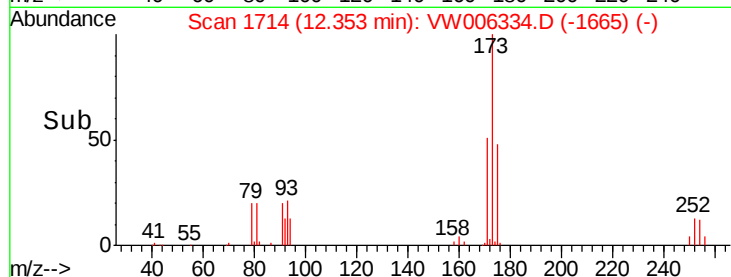
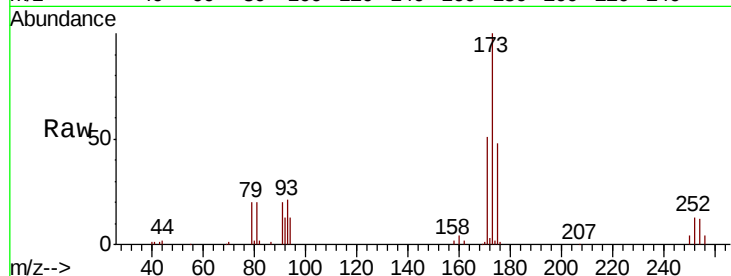
ClientSampleId :

VW1024SBSD01

Tot Ion	Ratio	Lower	Upper
173	100		
175	49.0	24.2	72.6
254	0.0	0.1	0.1#

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#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

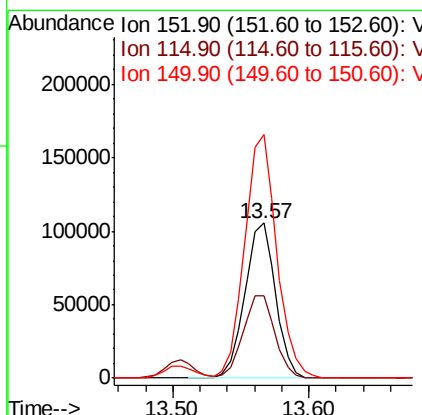
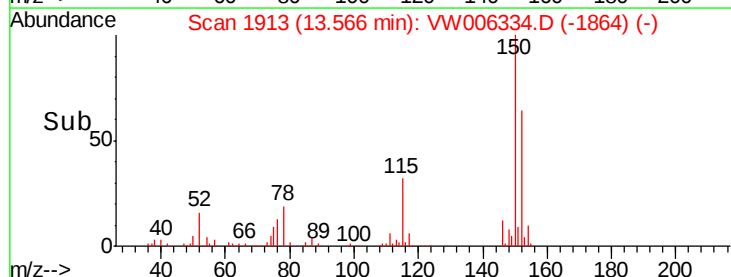
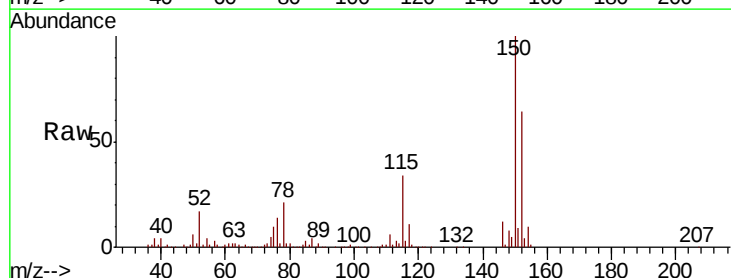
RT: 13.57 min Scan# 1913

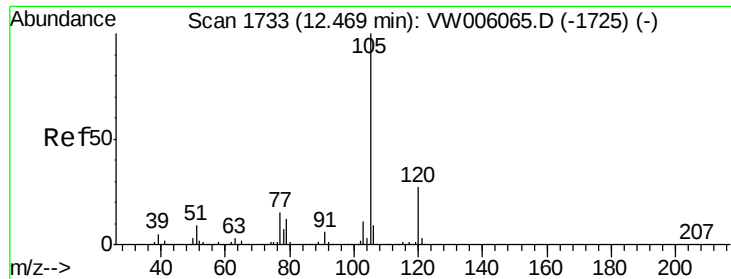
Delta R.T. 0.00 min

Lab File: VW006334.D

Acq: 25 Oct 2018 00:10

Tgt Ion	Ratio	Lower	Upper
152	100		
115	55.2	27.8	83.3
150	164.4	0.0	349.2





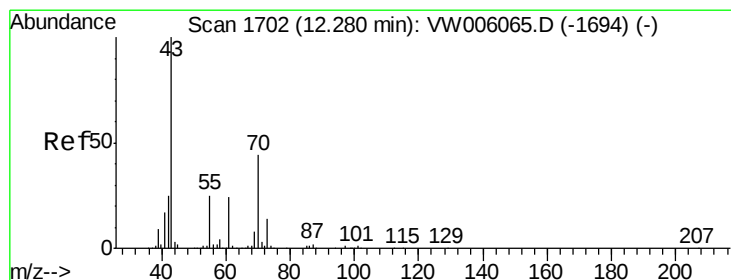
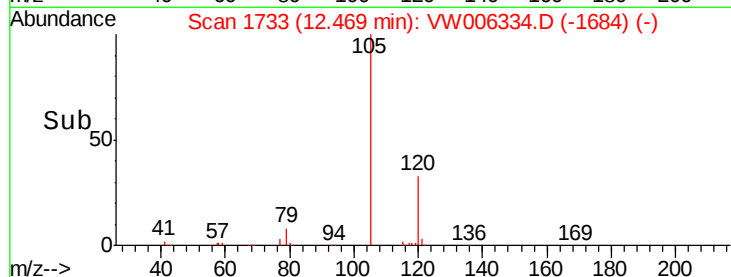
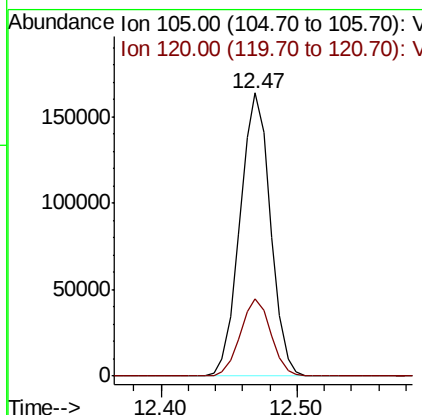
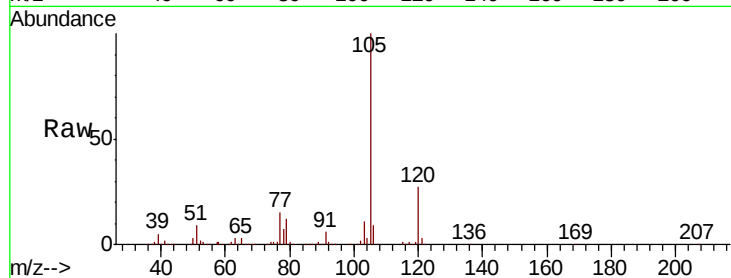
#73
Isopropylbenzene
Concen: 21.764 ug/l
RT: 12.47 min Scan# 1733
Delta R.T. 0.00 min
Lab File: VW006334.D
Acq: 25 Oct 2018 00:10

Instrument :
MSVOA_W
ClientSampleId :
VW1024SBS01

Tot Ion	Ratio	Lower	Upper
105	100		
120	27.4	13.6	40.7

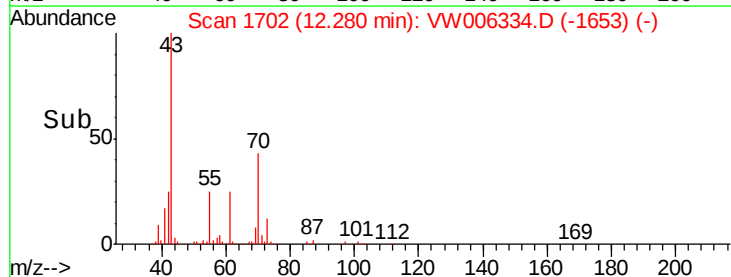
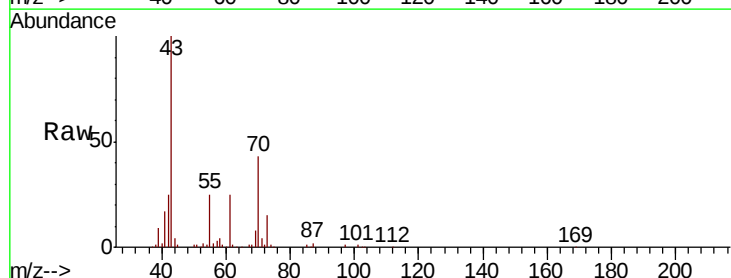
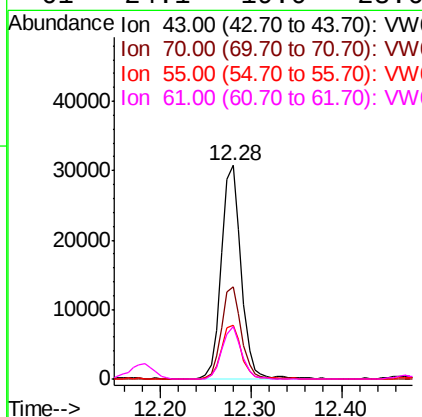
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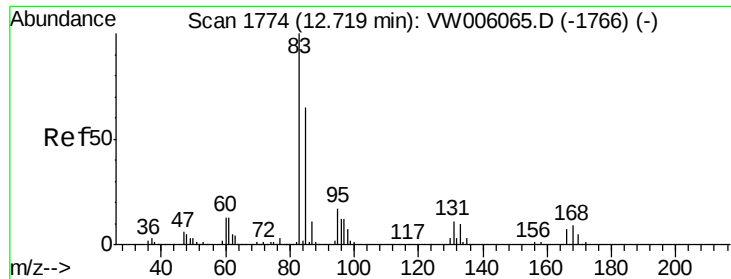
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#74
N-ethyl acetate
Concen: 20.509 ug/l
RT: 12.28 min Scan# 1702
Delta R.T. 0.00 min
Lab File: VW006334.D
Acq: 25 Oct 2018 00:10

Tgt Ion	Ratio	Lower	Upper
43	100		
70	42.9	34.2	51.4
55	25.8	19.2	28.8
61	24.1	19.0	28.6





#75

1,1,2,2-Tetrachloroethane

Concen: 22.787 ug/l

RT: 12.72 min Scan# 1774

Delta R.T. 0.00 min

Lab File: VW006334.D

Acq: 25 Oct 2018 00:10

Instrument :

MSVOA_W

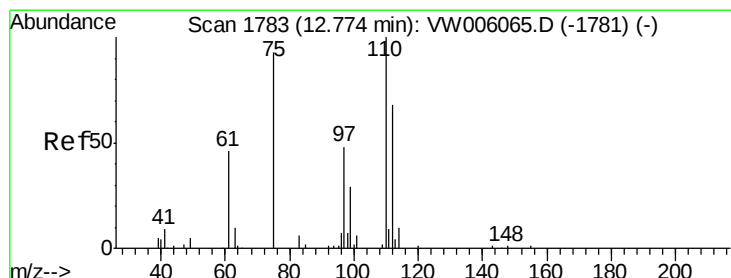
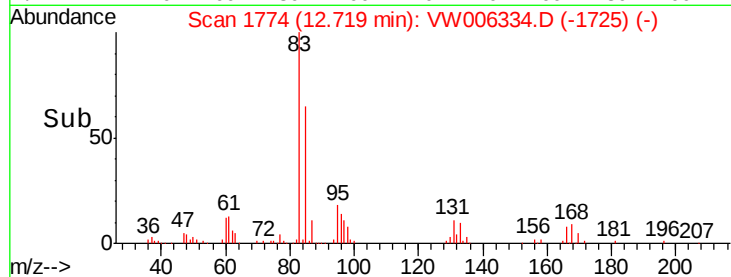
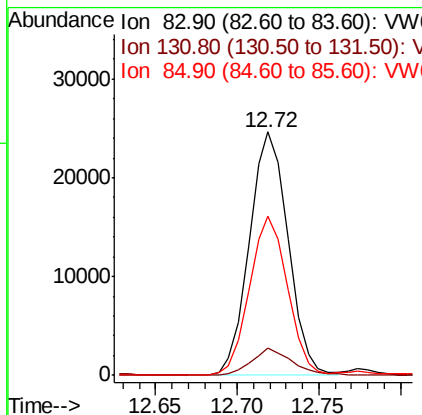
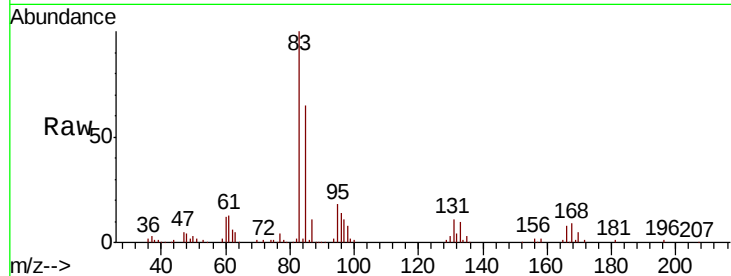
ClientSampleId :

VW1024SBSD01

Tot Ion:	83	Resp:	40728
Ion Ratio	Lower	Upper	
83	100		
131	11.5	5.9	17.7
85	63.9	31.9	95.9

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#76

1,2,3-Trichloropropane

Concen: 24.163 ug/l m

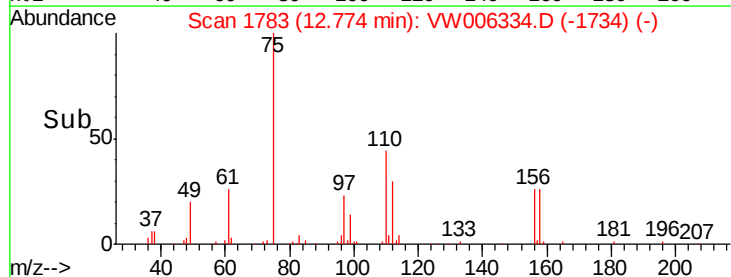
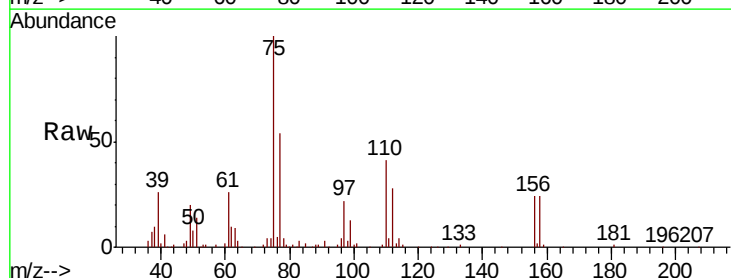
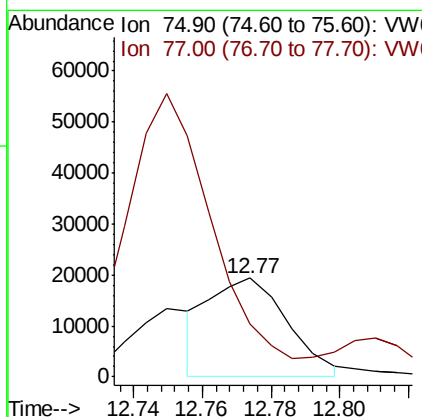
RT: 12.77 min Scan# 1783

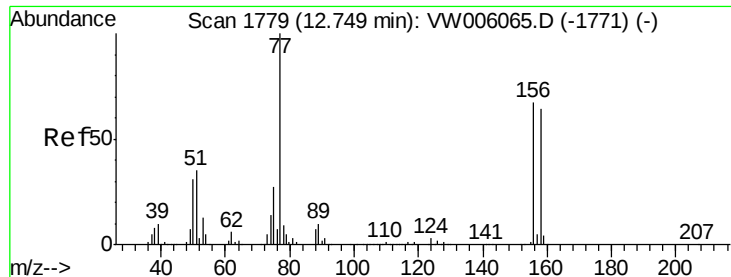
Delta R.T. 0.00 min

Lab File: VW006334.D

Acq: 25 Oct 2018 00:10

Tgt Ion:	75	Resp:	30700
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





#77

Bromobenzene

Concen: 22.347 ug/l

RT: 12.75 min Scan# 1779

Delta R.T. 0.00 min

Lab File: VW006334.D

Acq: 25 Oct 2018 00:10

Instrument :

MSVOA_W

ClientSampleId :

VW1024SBSD01

Tot Ion:156 Resp: 64323

Ion Ratio Lower Upper

156 100

77 153.6 79.1 237.4

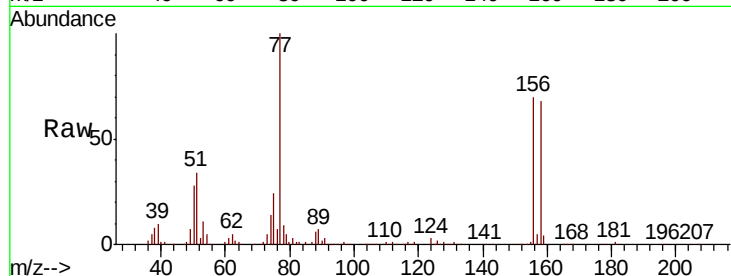
158 97.7 48.5 145.6

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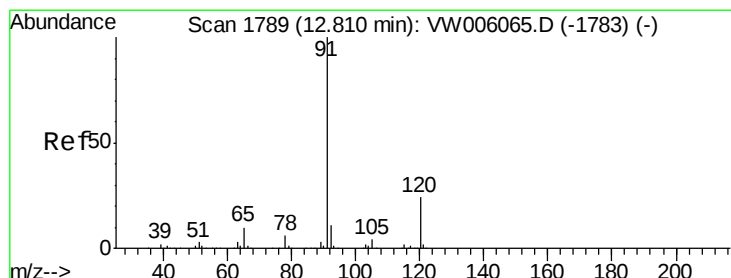
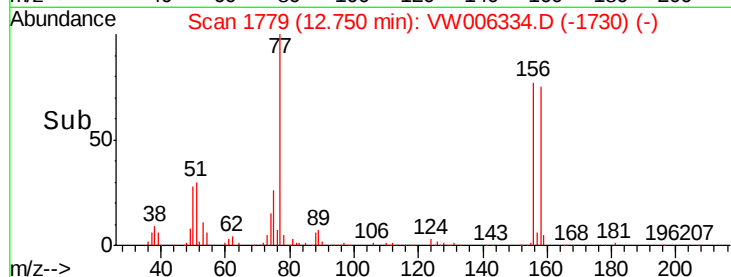
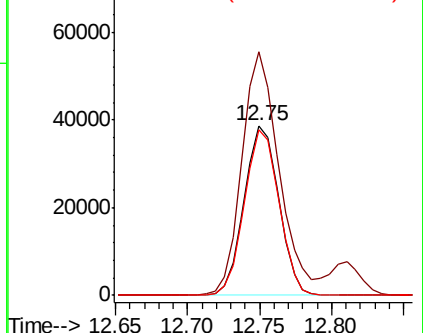
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Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VW

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 22.047 ug/l

RT: 12.81 min Scan# 1789

Delta R.T. 0.00 min

Lab File: VW006334.D

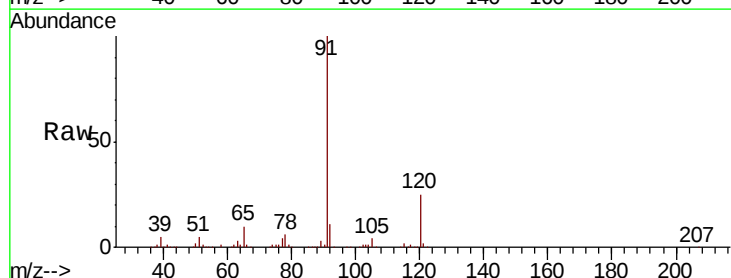
Acq: 25 Oct 2018 00:10

Tgt Ion: 91 Resp: 301424

Ion Ratio Lower Upper

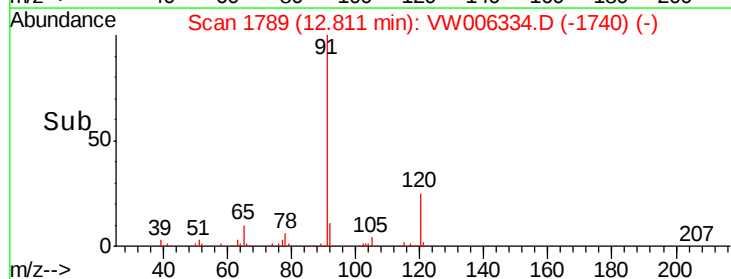
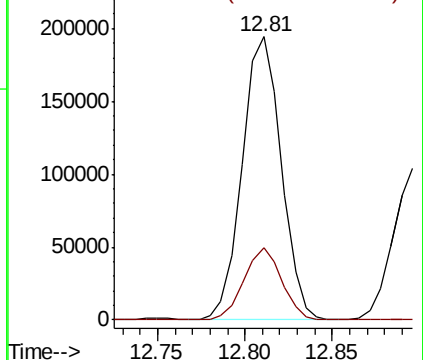
91 100

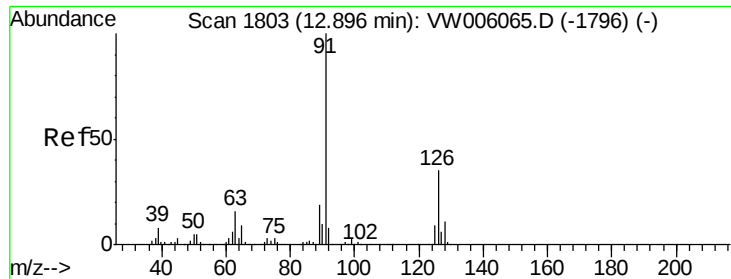
120 24.5 12.2 36.6



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 120.00 (119.70 to 120.70): V





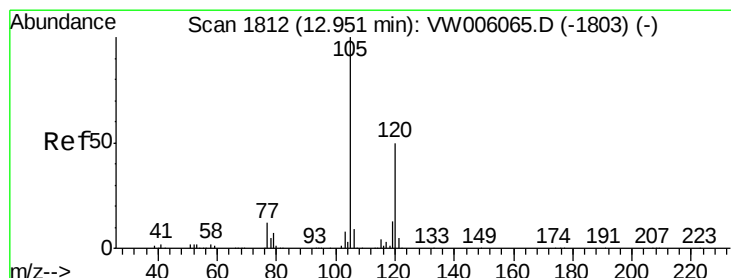
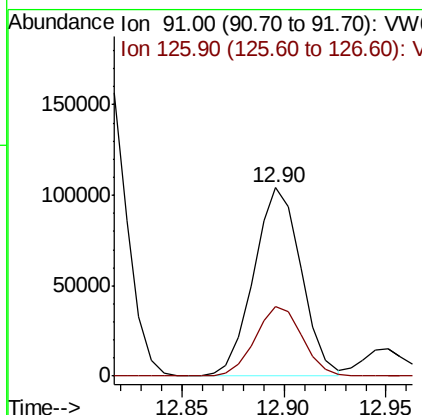
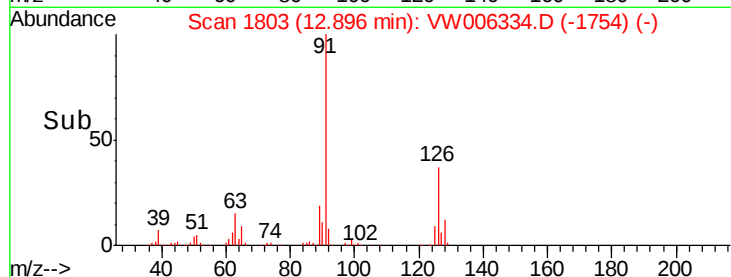
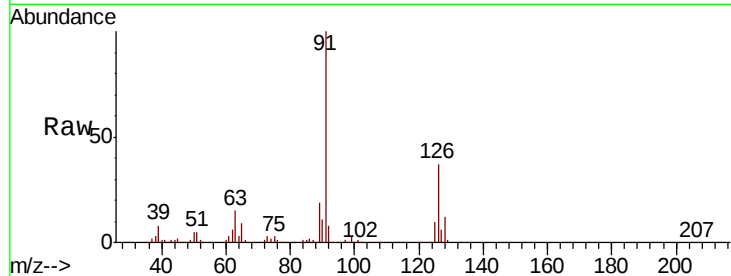
#79
 2-Chlorotoluene
 Concen: 21.959 ug/l
 RT: 12.90 min Scan# 1803
 Delta R.T. 0.00 min
 Lab File: VW006334.D
 Acq: 25 Oct 2018 00:10

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1024SBS01

Tot Ion: 91 Resp: 168682
 Ion Ratio Lower Upper
 91 100
 126 36.7 17.9 53.8

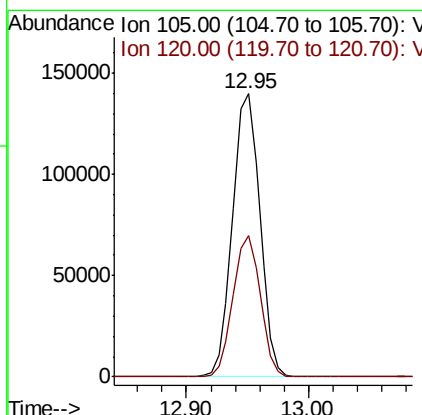
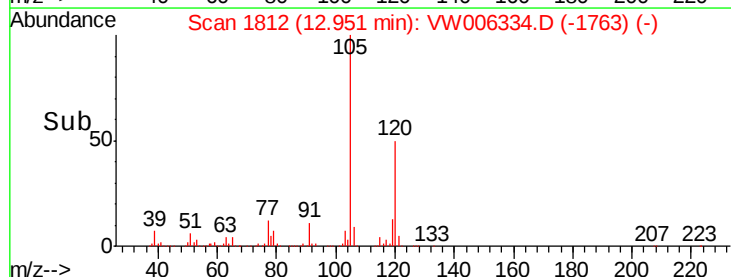
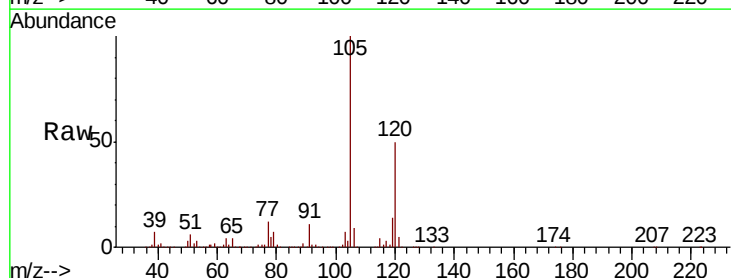
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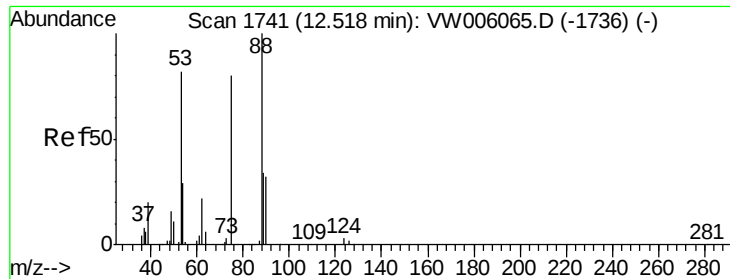
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#80
 1,3,5-Trimethylbenzene
 Concen: 21.819 ug/l
 RT: 12.95 min Scan# 1812
 Delta R.T. 0.00 min
 Lab File: VW006334.D
 Acq: 25 Oct 2018 00:10

Tgt Ion:105 Resp: 216160
 Ion Ratio Lower Upper
 105 100
 120 49.9 24.9 74.6





#81

trans-1,4-Dichloro-2-butene

Concen: 17.706 ug/l

RT: 12.52 min Scan# 1741

Delta R.T. 0.00 min

Lab File: VW006334.D

Acq: 25 Oct 2018 00:10

Instrument :

MSVOA_W

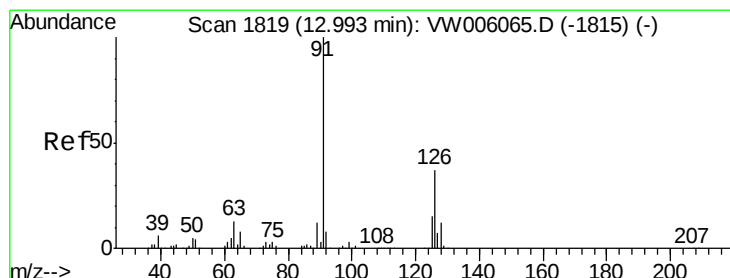
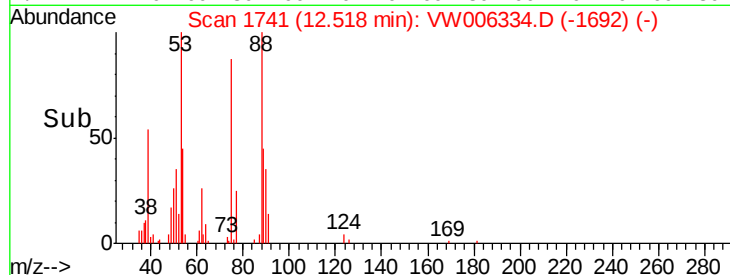
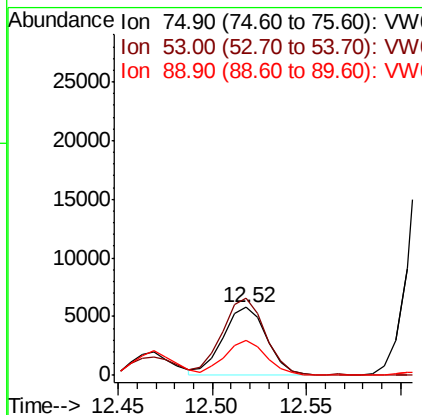
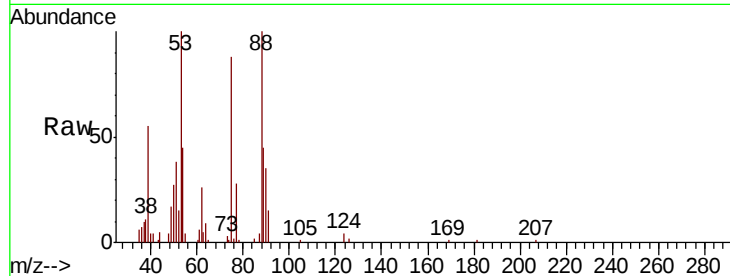
ClientSampleId :

VW1024SBSD01

Tot Ion:	75	Resp:	9411
Ion	Ratio	Lower	Upper
75	100		
53	112.5	79.8	119.6
89	47.9	37.5	56.3

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#82

4-Chlorotoluene

Concen: 22.153 ug/l

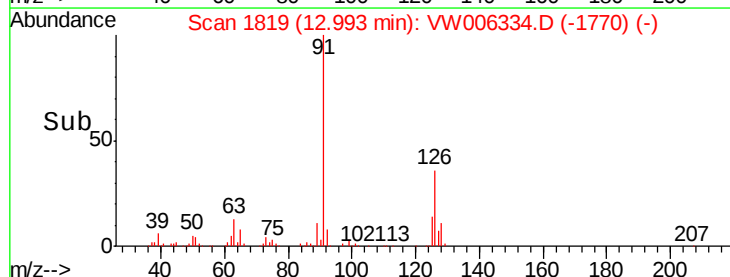
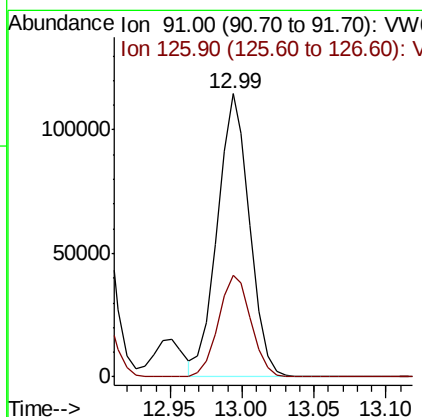
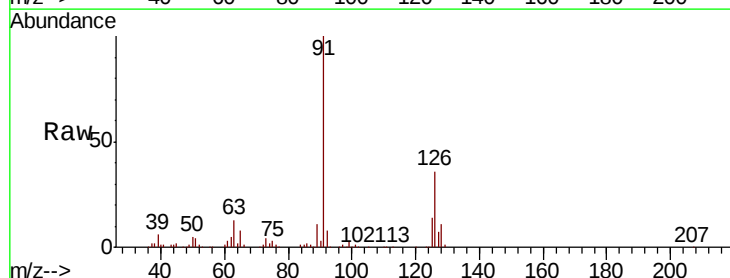
RT: 12.99 min Scan# 1819

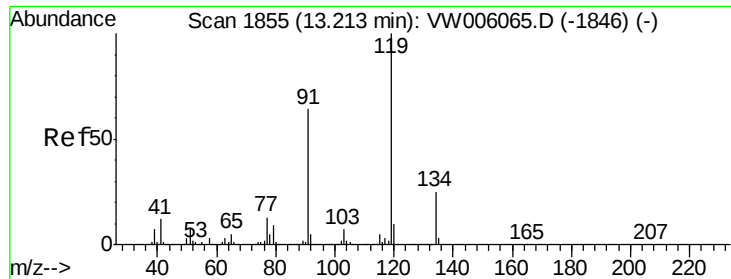
Delta R.T. 0.00 min

Lab File: VW006334.D

Acq: 25 Oct 2018 00:10

Tgt Ion:	91	Resp:	178264
Ion	Ratio	Lower	Upper
91	100		
126	36.6	18.1	54.3





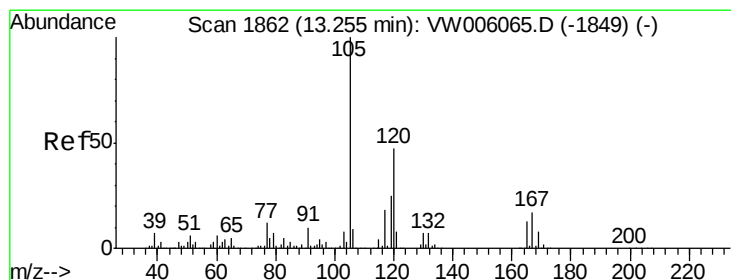
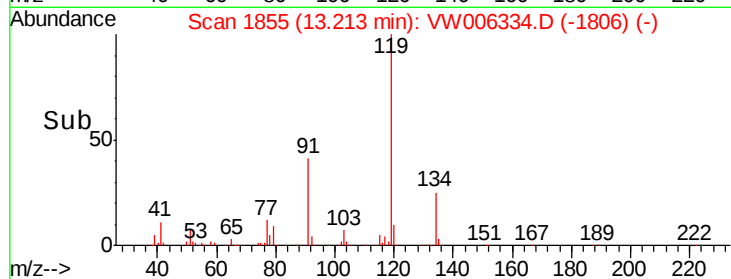
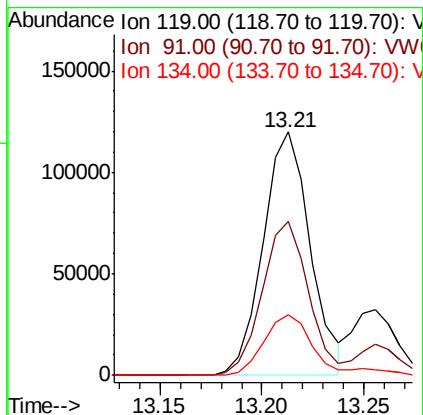
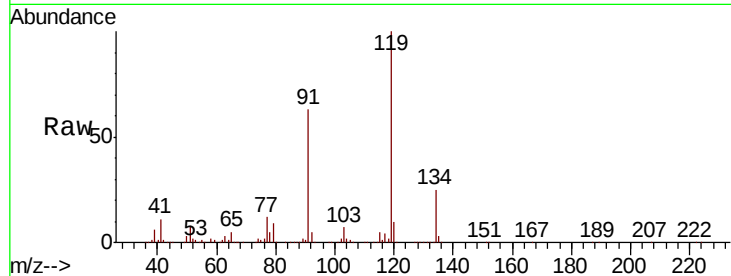
#83
tert-Butylbenzene
Concen: 21.830 ug/l
RT: 13.21 min Scan# 1855
Delta R.T. 0.00 min
Lab File: VW006334.D
Acq: 25 Oct 2018 00:10

Instrument :
MSVOA_W
ClientSampleId :
VW1024SBS01

Tot Ion	Ratio	Lower	Upper
119	100		
91	61.8	32.3	96.9
134	25.2	13.6	40.8

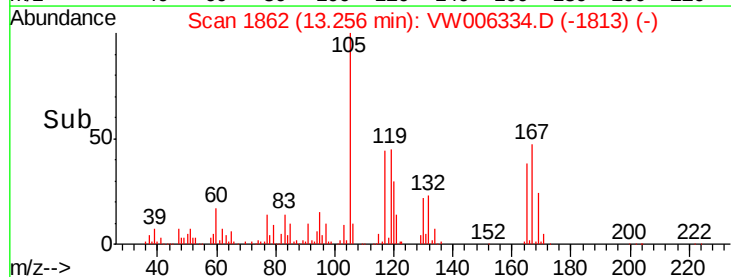
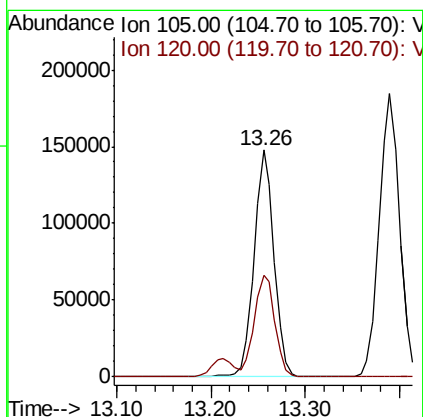
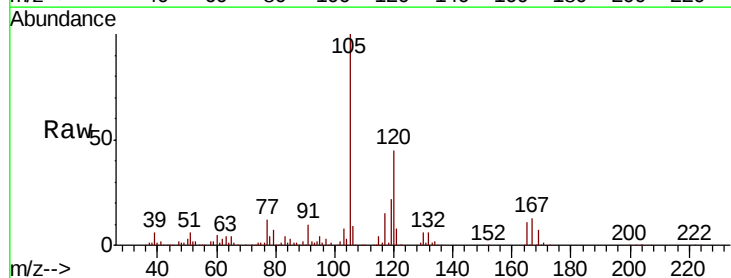
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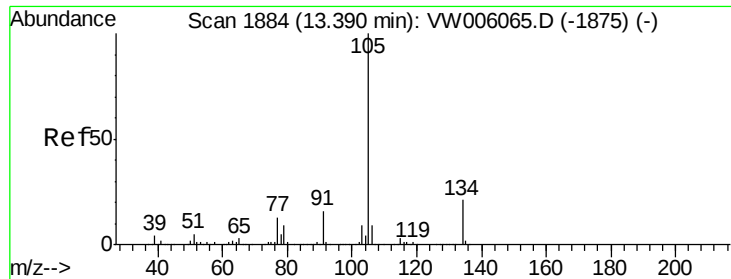
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#84
1,2,4-Trimethylbenzene
Concen: 22.024 ug/l
RT: 13.26 min Scan# 1862
Delta R.T. 0.00 min
Lab File: VW006334.D
Acq: 25 Oct 2018 00:10

Tgt Ion	Ratio	Lower	Upper
105	100		
120	46.2	23.1	69.3





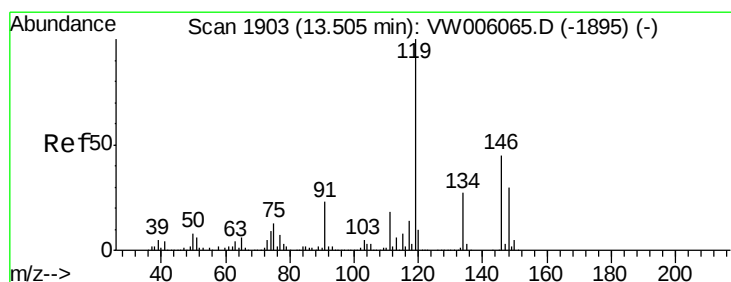
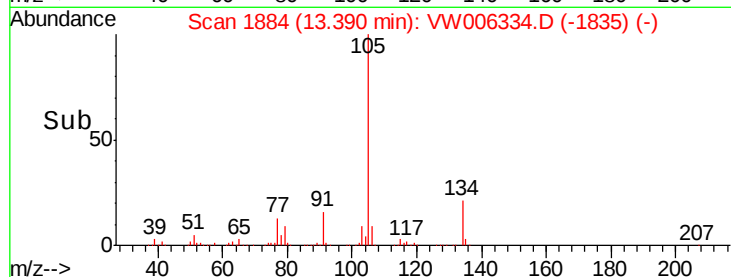
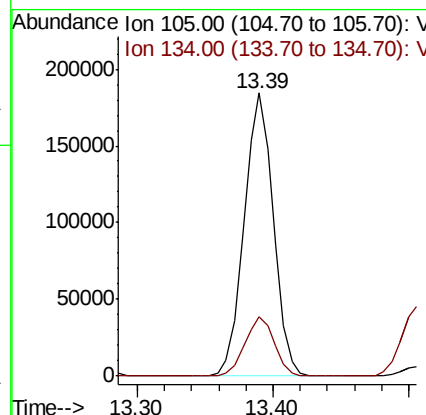
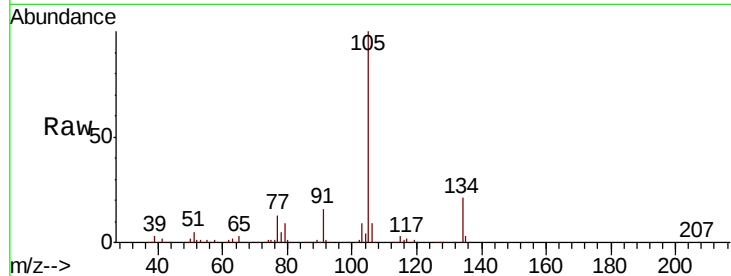
#85
 sec-Butylbenzene
 Concen: 22.049 ug/l
 RT: 13.39 min Scan# 1884
 Delta R.T. 0.00 min
 Lab File: VW006334.D
 Acq: 25 Oct 2018 00:10

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1024SBS01

Tot Ion	Ratio	Lower	Upper
105	100		
134	21.1	10.5	31.6

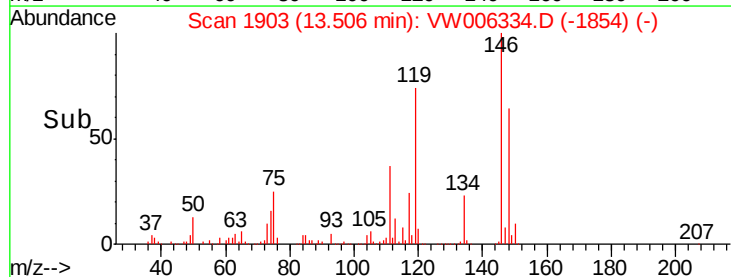
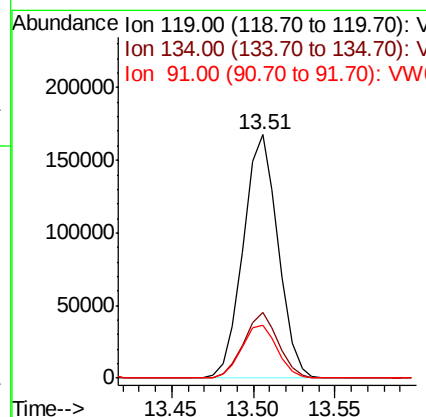
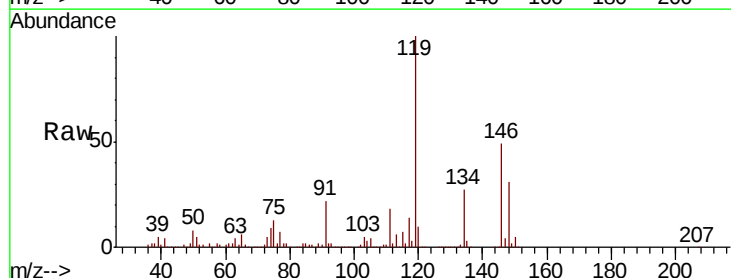
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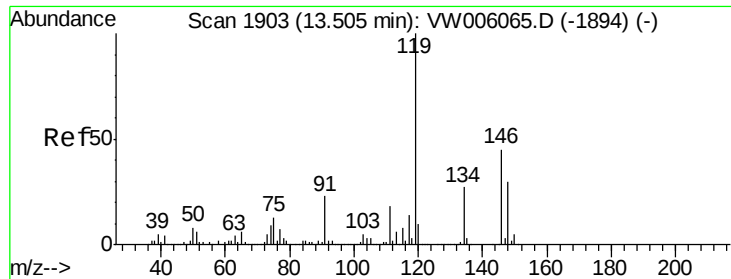
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#86
 p-Isopropyltoluene
 Concen: 22.019 ug/l
 RT: 13.51 min Scan# 1903
 Delta R.T. 0.00 min
 Lab File: VW006334.D
 Acq: 25 Oct 2018 00:10

Tgt Ion	Ratio	Lower	Upper
119	100		
134	26.6	13.4	40.2
91	22.4	11.4	34.1





#87

1,3-Dichlorobenzene

Concen: 22.233 ug/l

RT: 13.51 min Scan# 1903

Delta R.T. 0.00 min

Lab File: VW006334.D

Acq: 25 Oct 2018 00:10

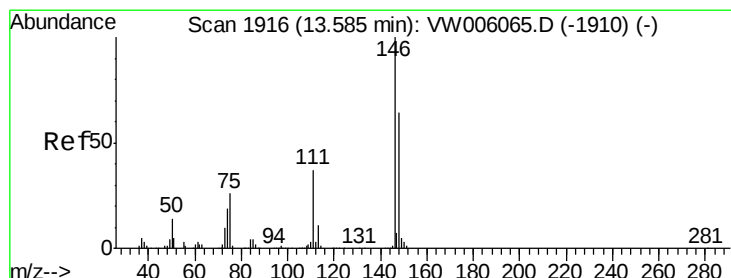
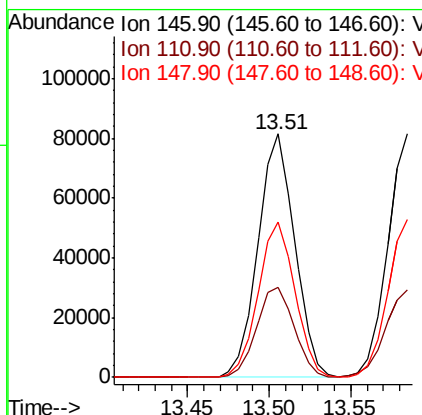
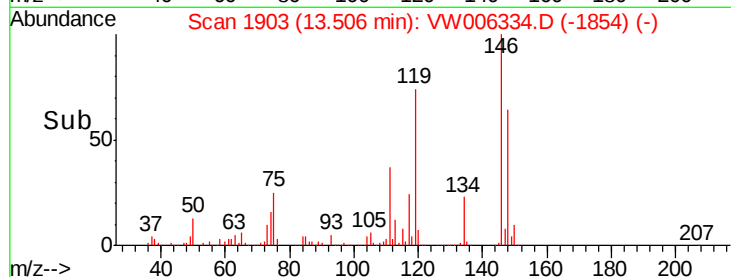
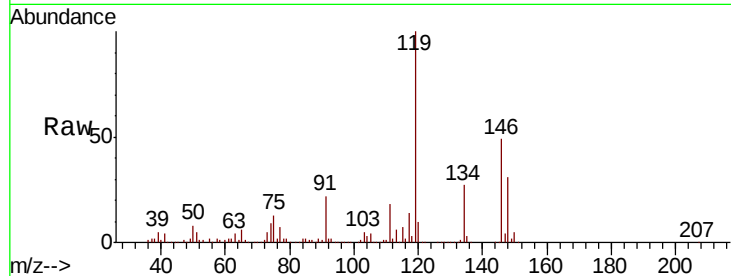
Instrument :
MSVOA_W

ClientSampleId :
VW1024SBS01

Tot Ion	Ratio	Lower	Upper
146	100		
111	38.1	19.1	57.5
148	63.9	32.0	96.2

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#88

1,4-Dichlorobenzene

Concen: 22.230 ug/l

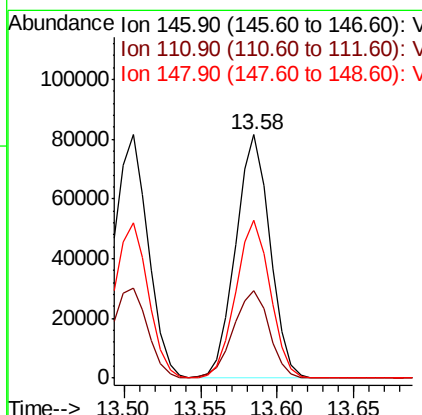
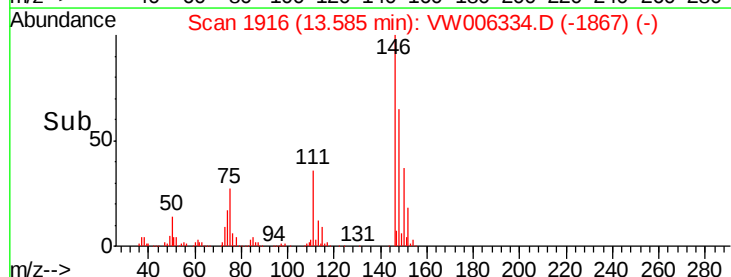
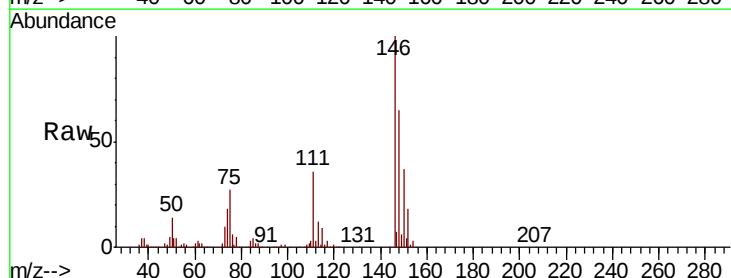
RT: 13.58 min Scan# 1916

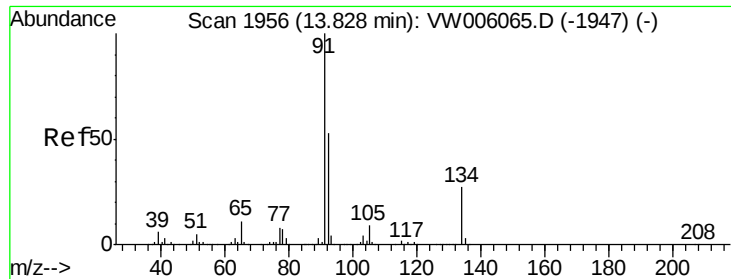
Delta R.T. 0.00 min

Lab File: VW006334.D

Acq: 25 Oct 2018 00:10

Tgt Ion	Ratio	Lower	Upper
146	100		
111	37.6	18.6	56.0
148	65.2	32.1	96.5





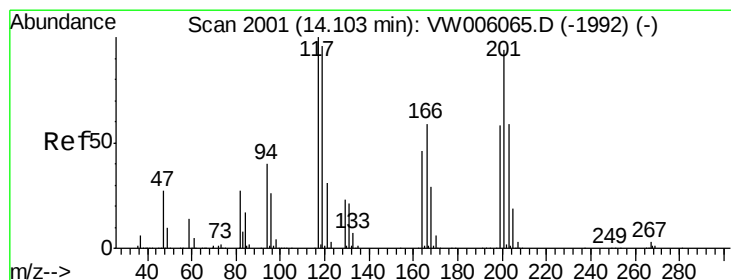
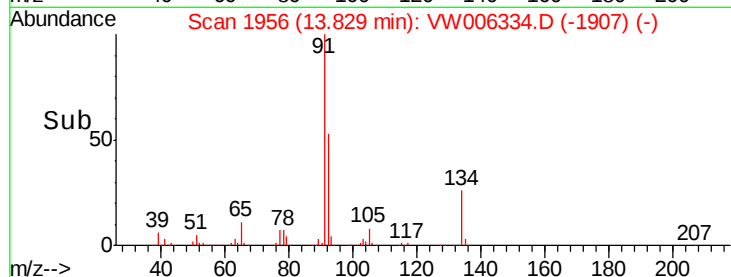
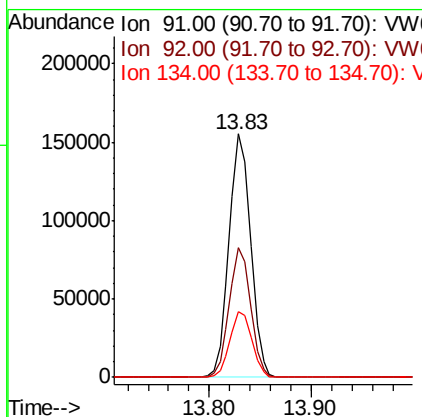
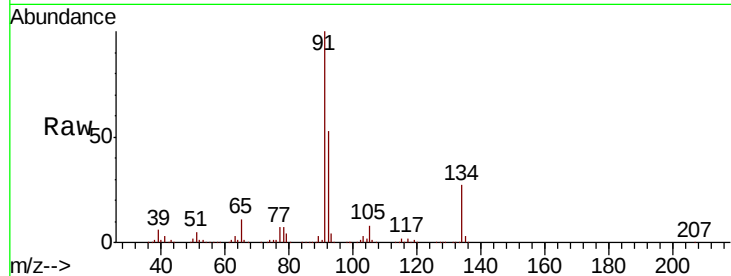
#89
n-Butylbenzene
Concen: 21.913 ug/l
RT: 13.83 min Scan# 1956
Delta R.T. 0.00 min
Lab File: VW006334.D
Acq: 25 Oct 2018 00:10

Instrument :
MSVOA_W
ClientSampleId :
VW1024SBS01

Tot Ion	Ratio	Lower	Upper
91	100		
92	52.6	26.6	79.7
134	27.5	14.0	41.9

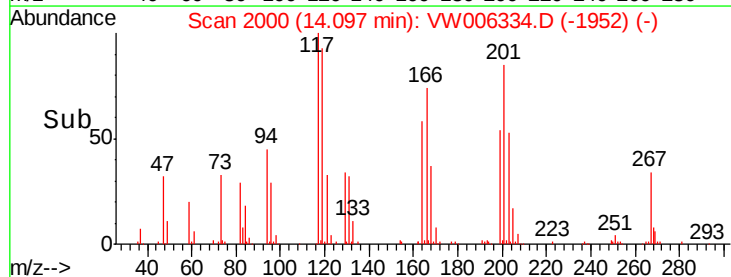
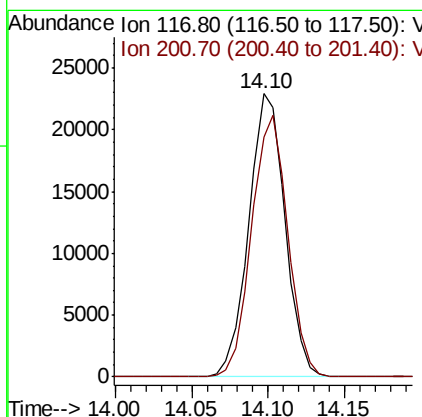
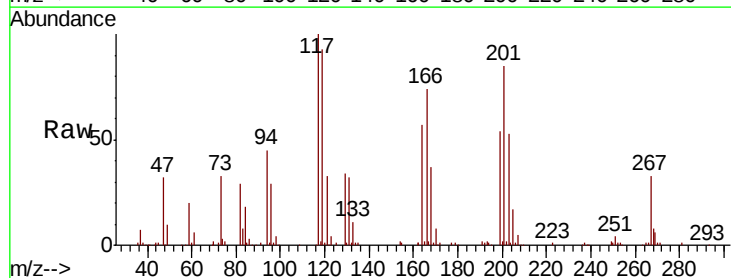
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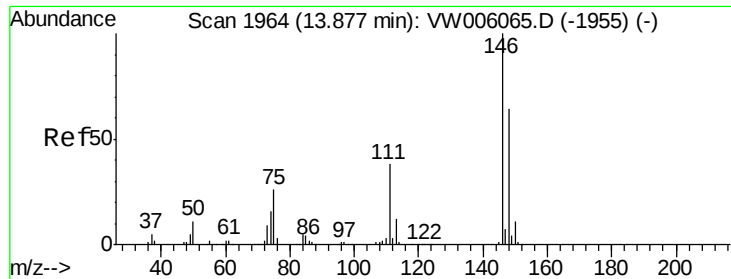
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#90
Hexachloroethane
Concen: 19.697 ug/l
RT: 14.10 min Scan# 2000
Delta R.T. -0.01 min
Lab File: VW006334.D
Acq: 25 Oct 2018 00:10

Tgt Ion	Ratio	Lower	Upper
117	100		
201	91.8	45.3	135.9





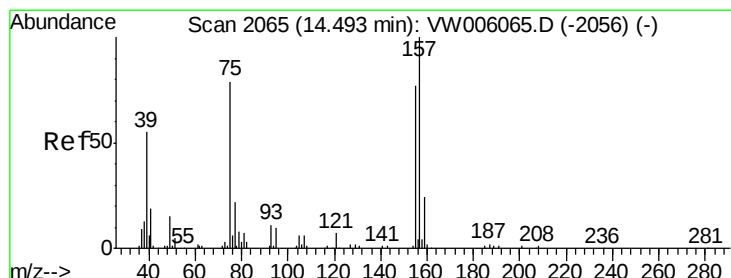
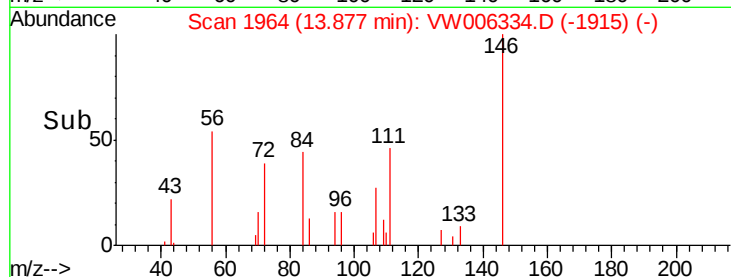
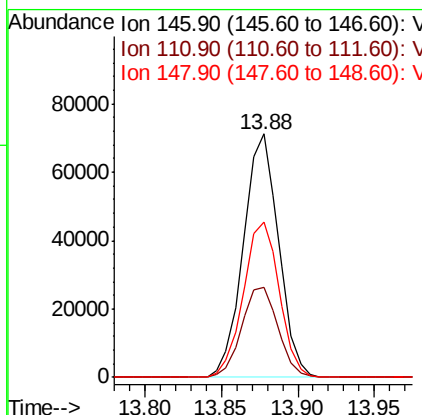
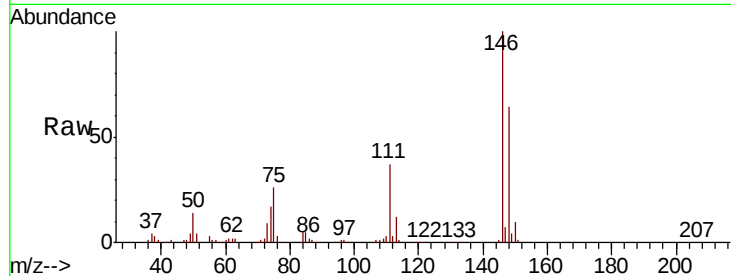
#91
 1,2-Dichlorobenzene
 Concen: 22.293 ug/l
 RT: 13.88 min Scan# 1964
 Delta R.T. 0.00 min
 Lab File: VW006334.D
 Acq: 25 Oct 2018 00:10

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1024SBS01

Tot Ion	Ratio	Lower	Upper
146	100		
111	38.3	19.6	58.7
148	65.1	32.2	96.6

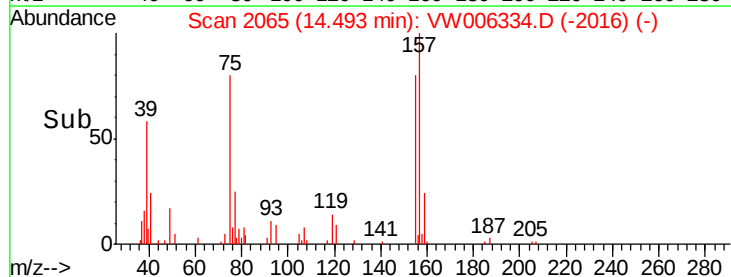
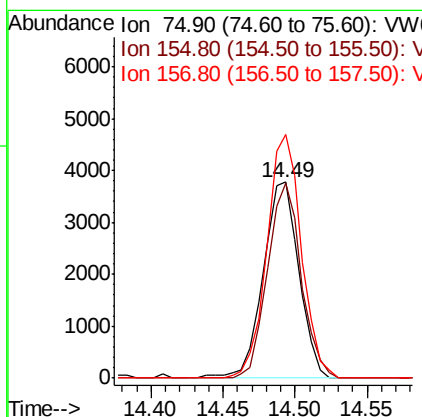
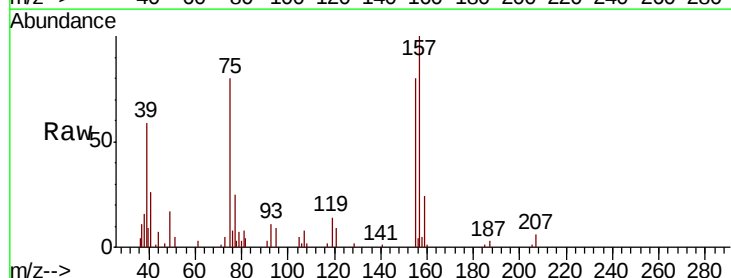
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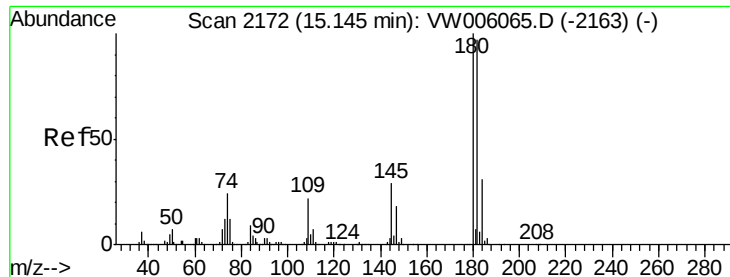
apatel
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 20.243 ug/l
 RT: 14.49 min Scan# 2065
 Delta R.T. 0.00 min
 Lab File: VW006334.D
 Acq: 25 Oct 2018 00:10

Tgt Ion	Ratio	Lower	Upper
75	100		
155	94.0	46.5	139.5
157	120.2	59.8	179.4





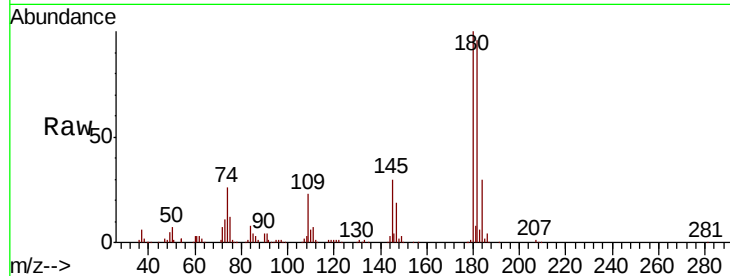
#93
 1,2,4-Trichlorobenzene
 Concen: 24.334 ug/l
 RT: 15.14 min Scan# 2171
 Delta R.T. -0.01 min
 Lab File: VW006334.D
 Acq: 25 Oct 2018 00:10

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1024SBSD01

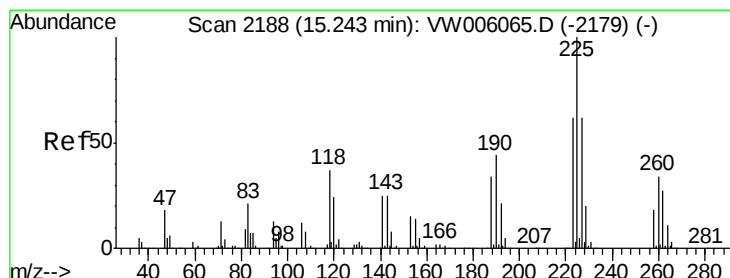
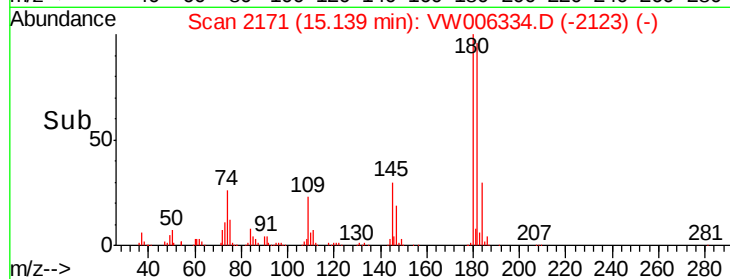
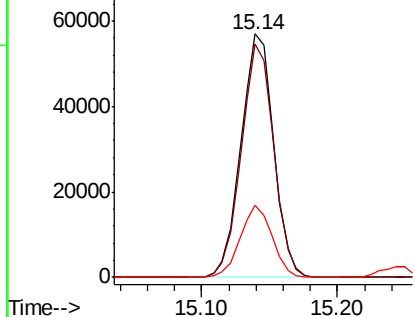
Tot Ion	Ratio	Lower	Upper
180	100		
182	95.3	47.9	143.6
145	28.8	14.2	42.8

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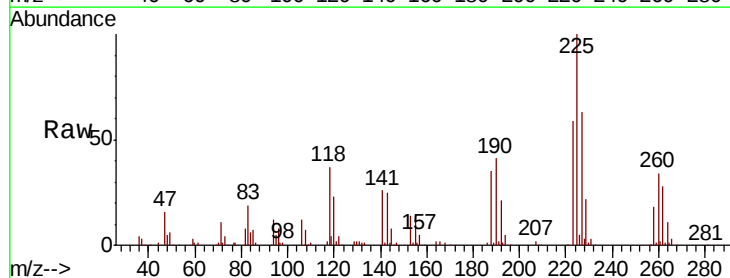


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

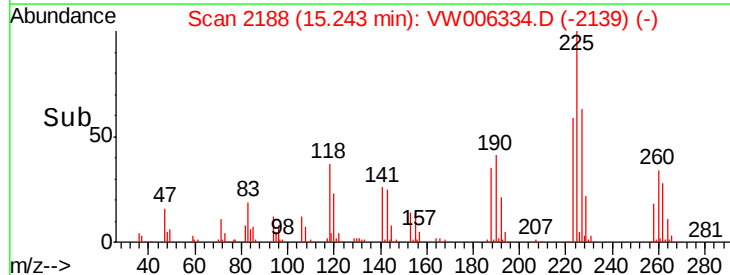
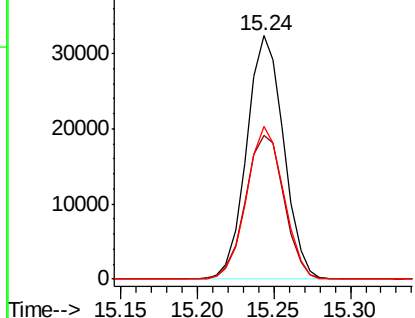


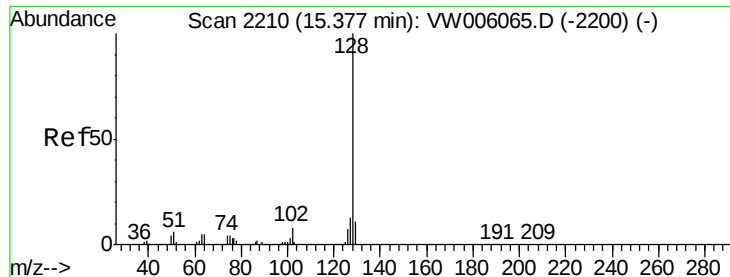
#94
 Hexachlorobutadiene
 Concen: 22.027 ug/l
 RT: 15.24 min Scan# 2188
 Delta R.T. 0.00 min
 Lab File: VW006334.D
 Acq: 25 Oct 2018 00:10

Tgt Ion	Ratio	Lower	Upper
225	100		
223	61.6	31.1	93.5
227	63.0	32.4	97.0



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





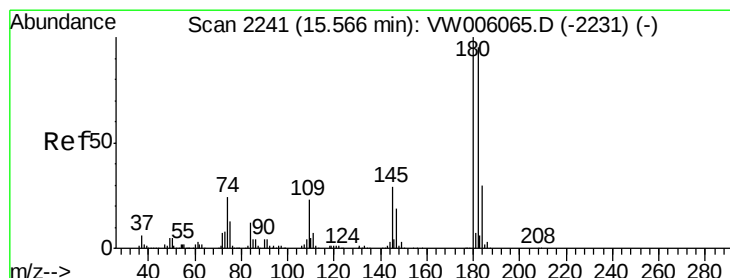
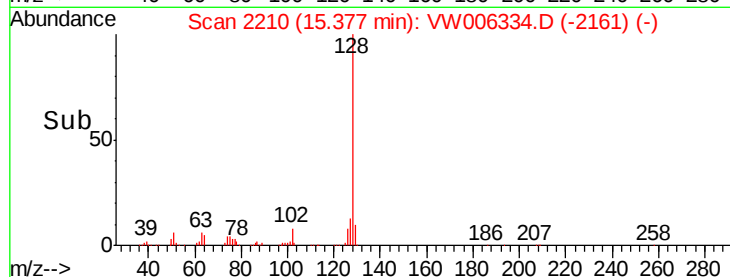
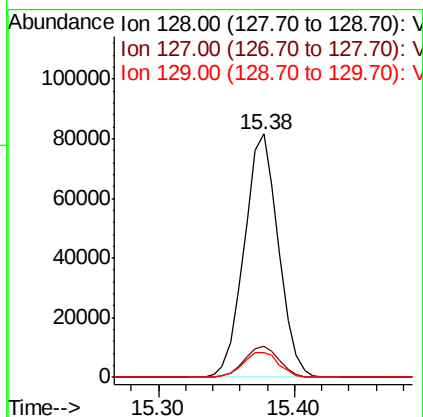
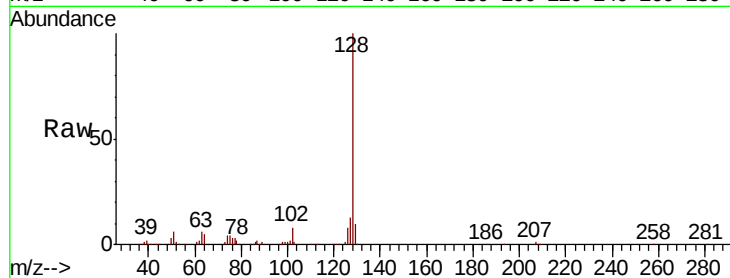
#95
Naphthalene
Concen: 21.934 ug/l
RT: 15.38 min Scan# 2210
Delta R.T. 0.00 min
Lab File: VW006334.D
Acq: 25 Oct 2018 00:10

Instrument :
MSVOA_W
ClientSampleId :
VW1024SBSD01

Tot Ion	Ratio	Resp	Lower	Upper
128	100	143455		
127	13.0		10.3	15.5
129	10.8		8.7	13.1

Manual Integrations
APPROVED

apatel
10/25/2018 12:47:45 PM



#96
1,2,3-Trichlorobenzene
Concen: 22.972 ug/l
RT: 15.57 min Scan# 2241
Delta R.T. 0.00 min
Lab File: VW006334.D
Acq: 25 Oct 2018 00:10

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	78118		
182	95.4		47.8	143.3
145	29.1		15.0	45.1

