

Data File : VW006379.D
Acq On : 26 Oct 2018 00:51
Operator : SY/AP
Sample : VW1027SBS01
Misc : 5.00G/5ML/MSVOA_W/SOIL
ALS Vial : 32 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VW1027SBS01

Manual Integrations
APPROVED

apatel
10/26/2018 11:51:31 AM

Quant Time: Oct 26 07:49:32 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	225427	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	325233	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	297716	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	164979	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	95553	51.13	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.26%	
35) Dibromofluoromethane	7.88	113	98503	51.26	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.52%	
50) Toluene-d8	10.32	98	364529	49.86	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.72%	
62) 4-Bromofluorobenzene	12.62	95	137045	49.91	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.82%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.01	85	19288	17.290	ug/l	94
3) Chloromethane	2.21	50	27985	19.489	ug/l	97
4) Vinyl Chloride	2.37	62	41373	20.175	ug/l	99
5) Bromomethane	2.78	94	39640	21.253	ug/l	98
6) Chloroethane	2.93	64	34030	23.156	ug/l	97
7) Trichlorofluoromethane	3.26	101	39925	20.899	ug/l	99
8) Diethyl Ether	3.68	74	22299	21.963	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	4.06	101	44390	22.173	ug/l	99
10) Methyl Iodide	4.26	142	73753	22.134	ug/l	99
11) Tert butyl alcohol	5.23	59	14388	114.470	ug/l	99
12) 1,1-Dichloroethene	4.04	96	41501	22.034	ug/l	90
13) Acrolein	3.90	56	12314	101.246	ug/l	96
14) Allyl chloride	4.66	41	55377	20.562	ug/l	98
15) Acrylonitrile	5.38	53	44102	121.108	ug/l	99
16) Acetone	4.14	43	43749	116.894	ug/l	99
17) Carbon Disulfide	4.37	76	103574	18.220	ug/l	98
18) Methyl Acetate	4.68	43	23343	24.819	ug/l	99
19) Methyl tert-butyl Ether	5.43	73	66557	23.200	ug/l	98
20) Methylene Chloride	4.91	84	49320	24.097	ug/l	96
21) trans-1,2-Dichloroethene	5.42	96	48819	23.221	ug/l	92
22) Diisopropyl ether	6.31	45	121742	22.875	ug/l	97
23) Vinyl Acetate	6.26	43	344678	109.742	ug/l	98
24) 1,1-Dichloroethane	6.21	63	81150	23.631	ug/l	98
25) 2-Butanone	7.18	43	61420	121.651	ug/l	99
26) 2,2-Dichloropropane	7.17	77	48850	20.169	ug/l	99
27) cis-1,2-Dichloroethene	7.17	96	55469	23.909	ug/l	98
28) Bromochloromethane	7.51	49	26423	19.930	ug/l	96
29) Tetrahydrofuran	7.54	42	36441	117.422	ug/l	97
30) Chloroform	7.68	83	88218	23.578	ug/l	96
31) Cyclohexane	7.95	56	70162	20.516	ug/l	93
32) 1,1,1-Trichloroethane	7.87	97	74262	22.003	ug/l	99
36) 1,1-Dichloropropene	8.09	75	68568	22.873	ug/l	100
37) Ethyl Acetate	7.26	43	26640	23.919	ug/l	98
38) Carbon Tetrachloride	8.07	117	70385	21.418	ug/l	98

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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	84199	21.130	ug/l	97
40) Benzene	8.32	78	194843	23.695	ug/l	99
41) Methacrylonitrile	7.49	41	16468	24.527	ug/l	98
42) 1,2-Dichloroethane	8.40	62	57579	23.833	ug/l	99
43) Isopropyl Acetate	8.43	43	50914	22.357	ug/l	99
44) Trichloroethene	9.09	130	58764	23.293	ug/l	98
45) 1,2-Dichloropropane	9.37	63	45490	23.118	ug/l	97
46) Dibromomethane	9.46	93	26889	23.976	ug/l	98
47) Bromodichloromethane	9.65	83	60634	22.300	ug/l	98
48) Methyl methacrylate	9.44	41	24574	22.765	ug/l	95
49) 1,4-Dioxane	9.48	88	8651	501.067	ug/l #	98
51) 4-Methyl-2-Pentanone	10.21	43	135597	118.841	ug/l	99
52) Toluene	10.39	92	129568	23.503	ug/l	98
53) t-1,3-Dichloropropene	10.61	75	57482	21.219	ug/l	99
54) cis-1,3-Dichloropropene	10.07	75	67019	21.555	ug/l	98
55) 1,1,2-Trichloroethane	10.79	97	38097	24.275	ug/l	97
56) Ethyl methacrylate	10.65	69	44979	23.378	ug/l	96
57) 1,3-Dichloropropane	10.93	76	62204	23.943	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.93	63	85797	116.703	ug/l	99
59) 2-Hexanone	10.98	43	91834	112.751	ug/l	97
60) Dibromochloromethane	11.13	129	42805	21.897	ug/l	100
61) 1,2-Dibromoethane	11.24	107	37989	24.226	ug/l	98
64) Tetrachloroethene	10.87	164	56670	24.520	ug/l	99
65) Chlorobenzene	11.66	112	152225	23.885	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.73	131	51140	22.579	ug/l	98
67) Ethyl Benzene	11.73	91	254673	23.058	ug/l	98
68) m/p-Xylenes	11.84	106	200707	45.975	ug/l	100
69) o-Xylene	12.17	106	95933	23.058	ug/l	99
70) Styrene	12.18	104	156653	23.154	ug/l	99
71) Bromoform	12.35	173	26691	21.128	ug/l #	99
73) Isopropylbenzene	12.47	105	267887	22.984	ug/l	100
74) N-amyl acetate	12.28	43	49877	22.033	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.72	83	44513	25.110	ug/l	100
76) 1,2,3-Trichloropropane	12.77	75	33054m	26.231	ug/l	
77) Bromobenzene	12.75	156	68200	23.890	ug/l	99
78) n-propylbenzene	12.81	91	308806	22.773	ug/l	100
79) 2-Chlorotoluene	12.90	91	178131	23.381	ug/l	100
80) 1,3,5-Trimethylbenzene	12.95	105	226498	23.052	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.52	75	10194	19.338	ug/l	92
82) 4-Chlorotoluene	12.99	91	187103	23.444	ug/l	100
83) tert-Butylbenzene	13.21	119	200647	22.824	ug/l	98
84) 1,2,4-Trimethylbenzene	13.26	105	229058	23.038	ug/l	99
85) sec-Butylbenzene	13.39	105	285694	23.004	ug/l	100
86) p-Isopropyltoluene	13.51	119	256659	22.848	ug/l	100
87) 1,3-Dichlorobenzene	13.51	146	135599	23.867	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	134235	23.730	ug/l	100
89) n-Butylbenzene	13.83	91	231342	22.519	ug/l	99
90) Hexachloroethane	14.10	117	38895	20.441	ug/l	97
91) 1,2-Dichlorobenzene	13.88	146	122725	24.217	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	6803	21.434	ug/l	96

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW102718\
Quantitation Report (QT Reviewed)

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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	90983	23.333	ug/l	100
94) Hexachlorobutadiene	15.24	225	56418	23.032	ug/l	99
95) Naphthalene	15.38	128	151500	23.356	ug/l	100
96) 1,2,3-Trichlorobenzene	15.57	180	78707	23.336	ug/l	99

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

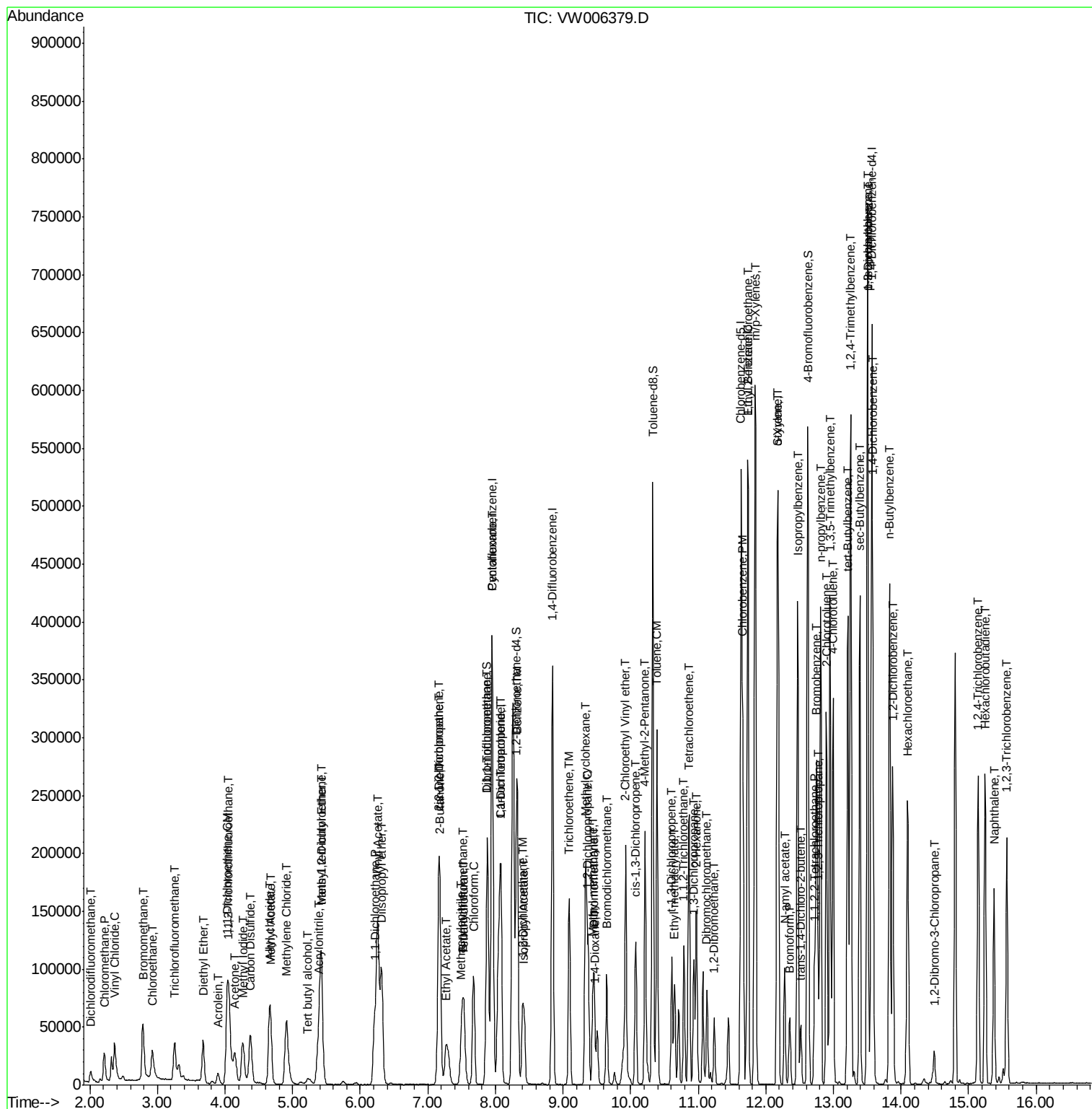
Data File : VW006379.D
Acq On : 26 Oct 2018 00:51
Operator : SY/AP
Sample : VW1027SBSD01
Misc : 5.00G/5ML/MSVOA_W/SOIL
ALS Vial : 32 Sample Multiplier: 1

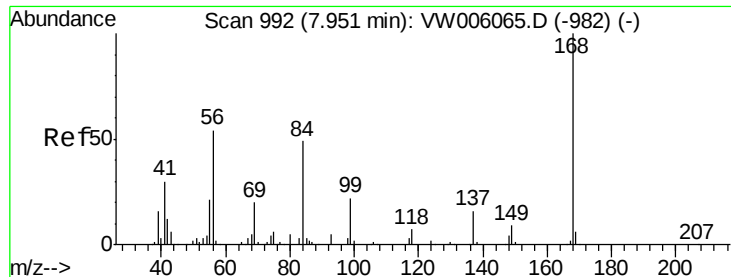
Instrument :
MSVOA_W
Client Sample ID :
VW1027SBSD01

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Quant Title : SW846 8260
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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 992

Delta R.T. 0.00 min

Lab File: VW006379.D

Acq: 26 Oct 2018 00:51

Instrument :

MSVOA_W

ClientSampleId :

VW1027SBSD01

Tgt Ion:168 Resp: 225427

Ion Ratio Lower Upper

168 100

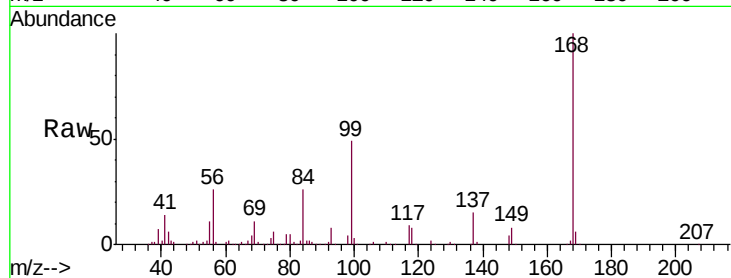
99 48.8 39.9 59.9

Manual Integrations

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

120000

100000

80000

60000

40000

20000

0

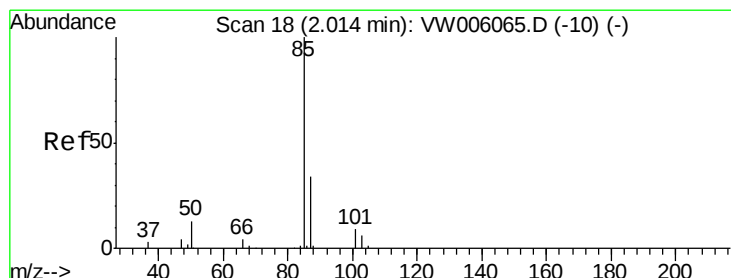
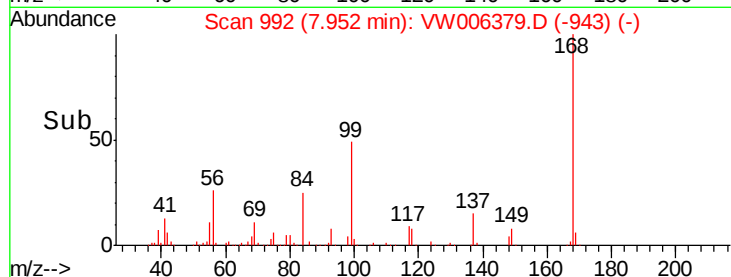
7.80

7.90

8.00

8.10

Time-->



#2

Dichlorodifluoromethane

Concen: 17.290 ug/l

RT: 2.01 min Scan# 18

Delta R.T. 0.00 min

Lab File: VW006379.D

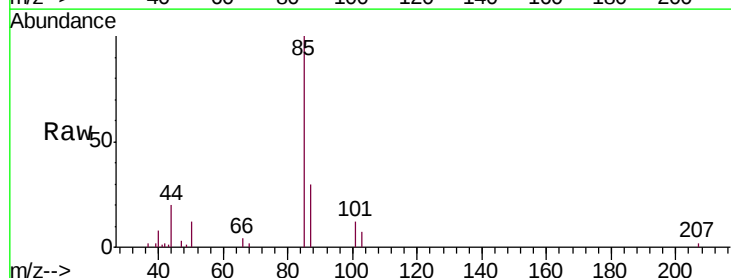
Acq: 26 Oct 2018 00:51

Tgt Ion: 85 Resp: 19288

Ion Ratio Lower Upper

85 100

87 30.3 16.9 50.6



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW

6000

5000

4000

3000

2000

1000

0

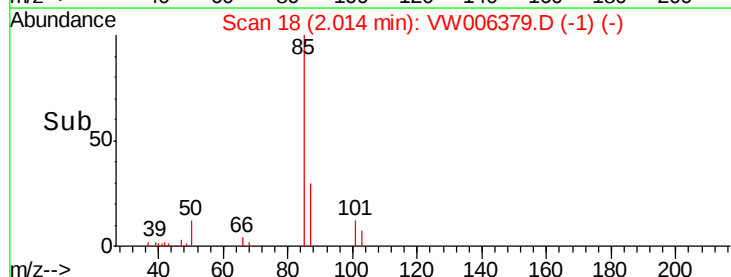
1.90

2.00

2.10

2.20

Time-->





#3

Chloromethane

Concen: 19.489 ug/l

RT: 2.21 min Scan# 51

Delta R.T. -0.01 min

Lab File: VW006379.D

Acq: 26 Oct 2018 00:51

Instrument :

MSVOA_W

ClientSampleId :

VW1027SBSD01

Tgt Ion: 50 Resp: 27985

Ion Ratio Lower Upper

50 100

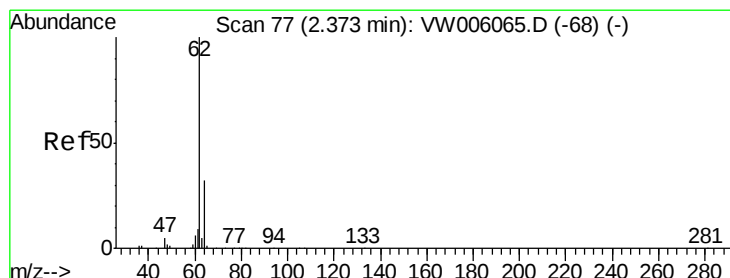
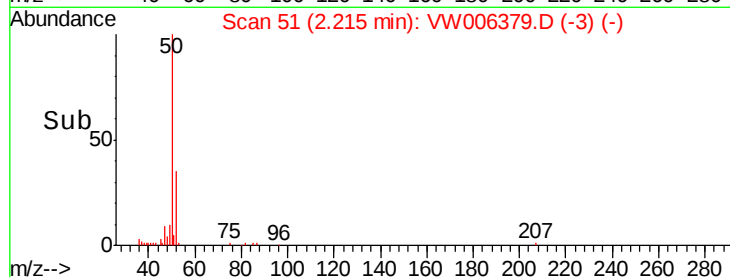
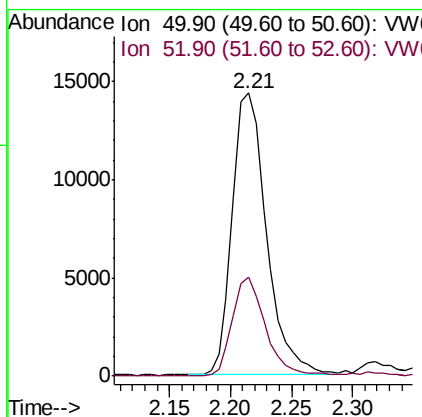
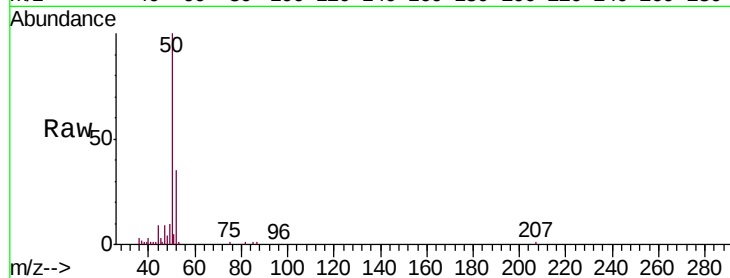
52 35.3 26.8 40.2

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#4

Vinyl Chloride

Concen: 20.175 ug/l

RT: 2.37 min Scan# 76

Delta R.T. -0.01 min

Lab File: VW006379.D

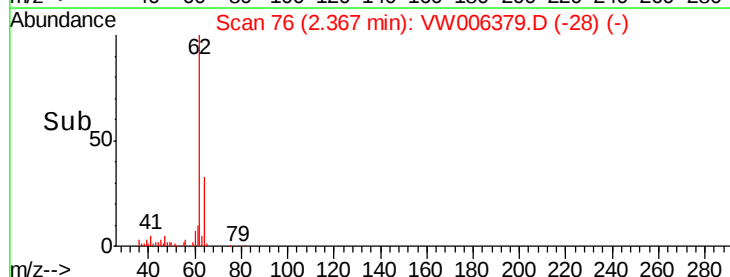
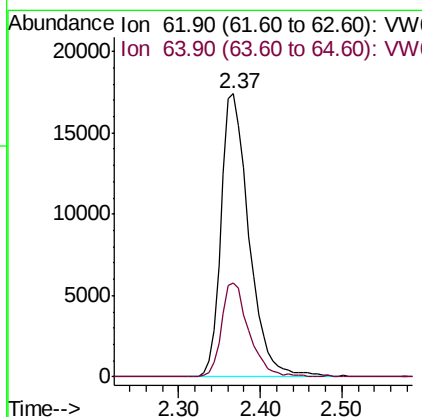
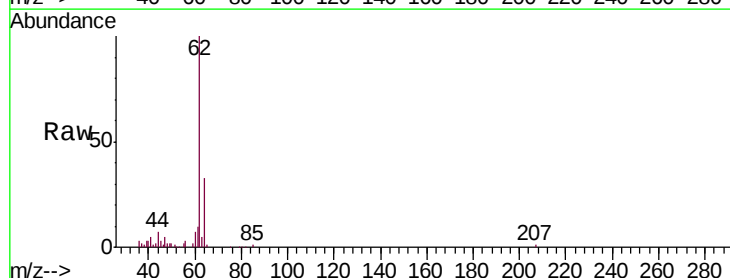
Acq: 26 Oct 2018 00:51

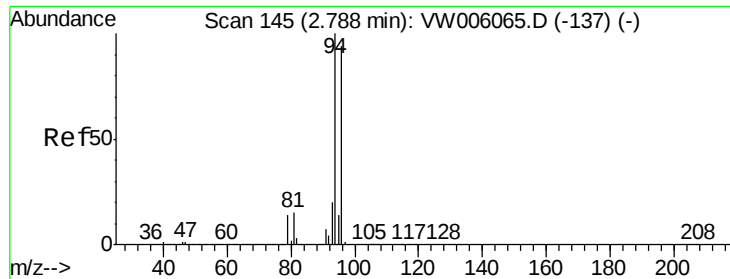
Tgt Ion: 62 Resp: 41373

Ion Ratio Lower Upper

62 100

64 33.2 25.9 38.9





#5

Bromomethane

Concen: 21.253 ug/l

RT: 2.78 min Scan# 144

Delta R.T. -0.01 min

Lab File: VW006379.D

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Tgt Ion: 94 Resp: 39640

Ion Ratio Lower Upper

94 100

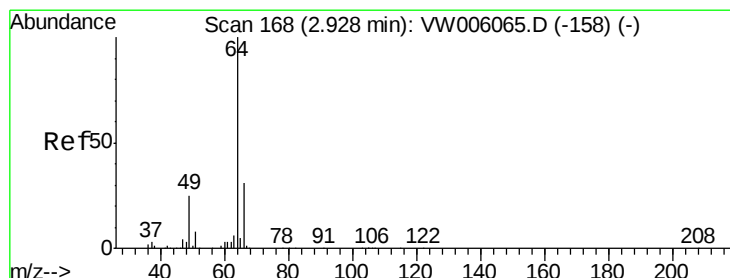
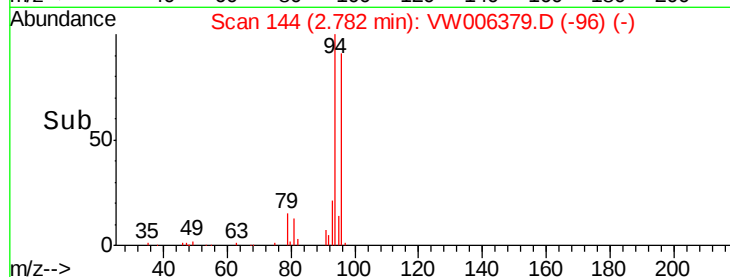
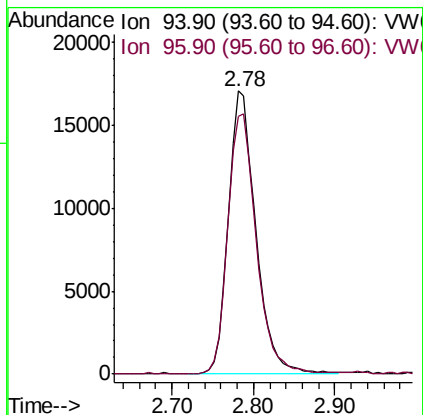
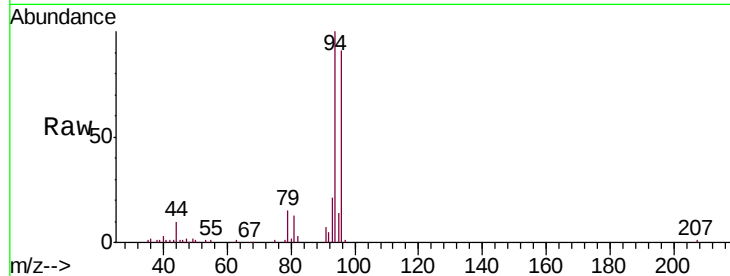
96 91.2 74.9 112.3

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#6

Chloroethane

Concen: 23.156 ug/l

RT: 2.93 min Scan# 168

Delta R.T. 0.00 min

Lab File: VW006379.D

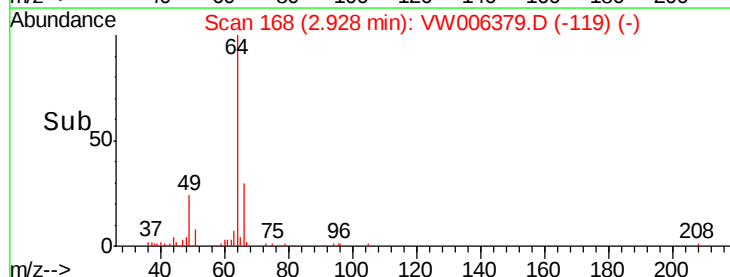
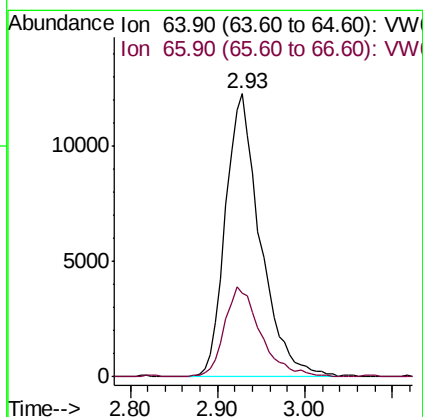
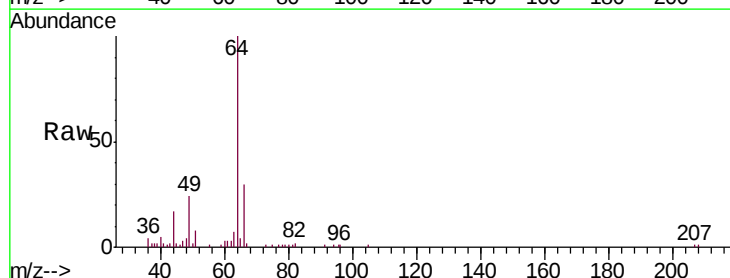
Acq: 26 Oct 2018 00:51

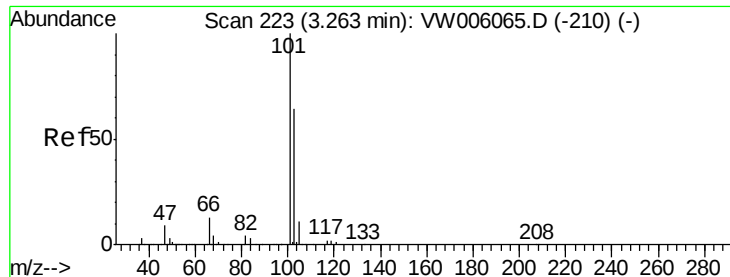
Tgt Ion: 64 Resp: 34030

Ion Ratio Lower Upper

64 100

66 29.7 24.9 37.3





#7

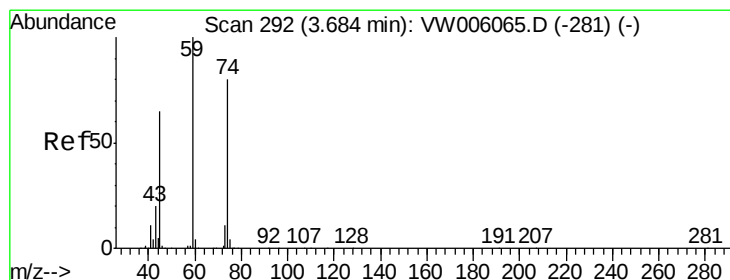
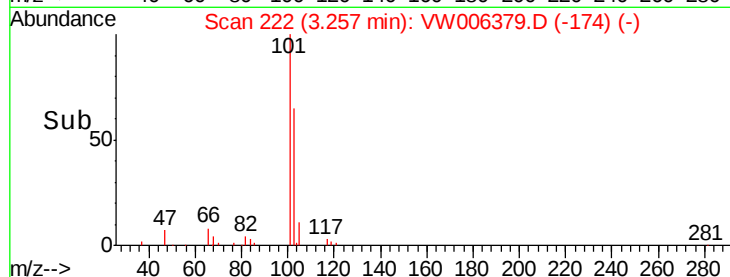
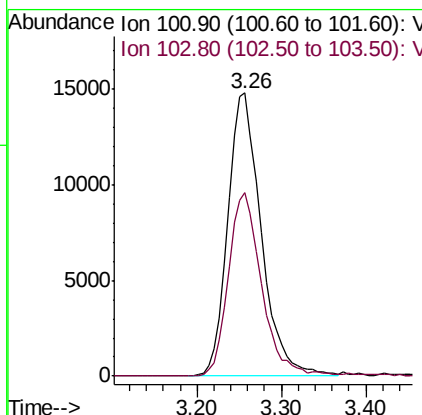
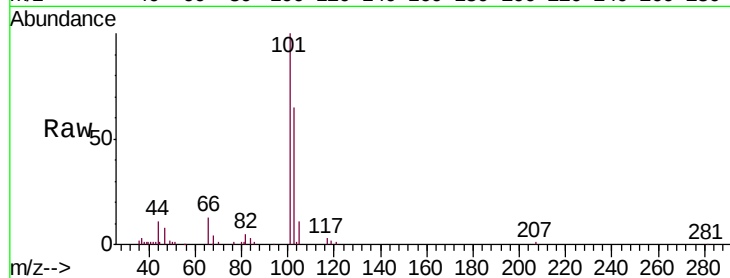
Trichlorofluoromethane
 Concen: 20.899 ug/l
 RT: 3.26 min Scan# 222
 Delta R.T. -0.01 min
 Lab File: VW006379.D
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 ClientSampleId :
 VW1027SBS01

Tgt Ion	Ratio	Lower	Upper
101	100		
103	65.0	51.2	76.8

Manual Integrations
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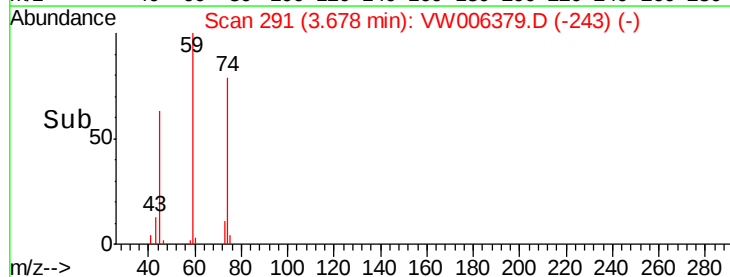
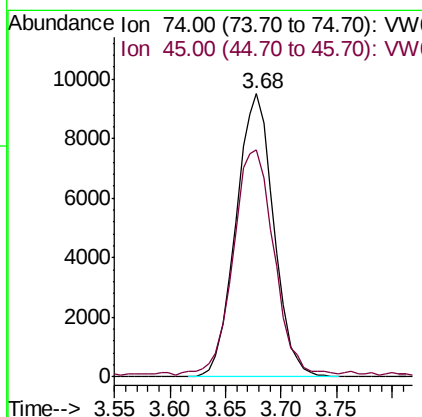
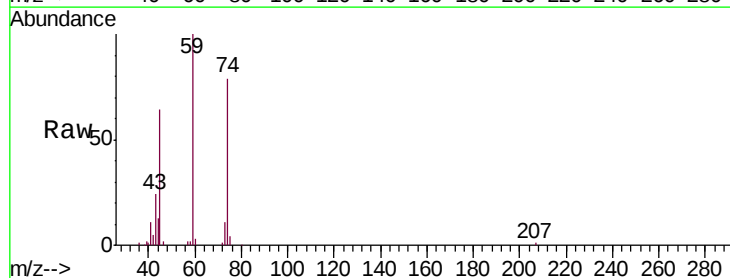
apatel
 10/26/2018 11:51:31 AM



#8

Diethyl Ether
 Concen: 21.963 ug/l
 RT: 3.68 min Scan# 291
 Delta R.T. -0.01 min
 Lab File: VW006379.D
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Tgt Ion	Ratio	Lower	Upper
74	100		
45	86.3	42.8	128.3





#9

1,1,2-Trichlorotrifluoroethane

Concen: 22.173 ug/l

RT: 4.06 min Scan# 353

Delta R.T. -0.01 min

Lab File: VW006379.D

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Instrument :

MSVOA_W

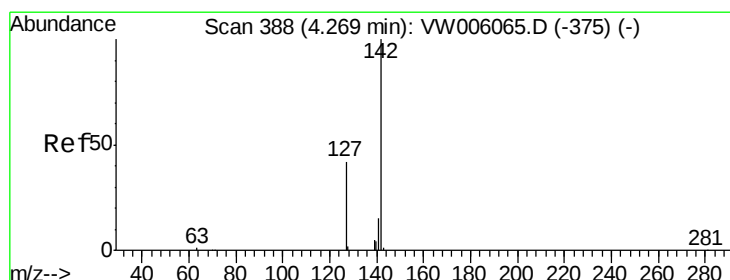
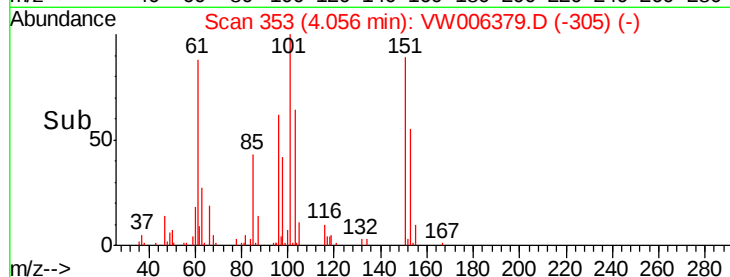
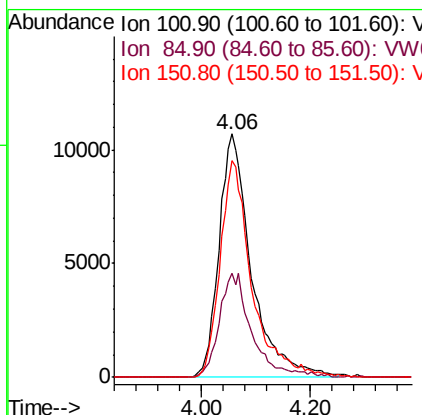
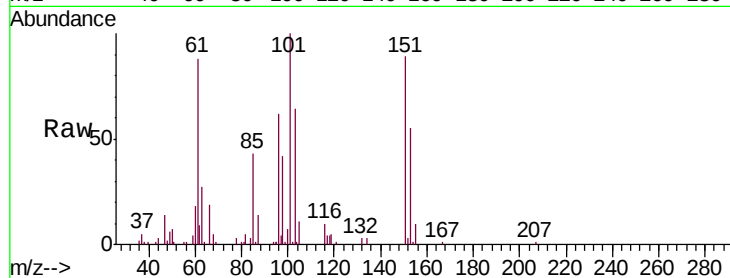
ClientSampleId :

VW1027SBS01

Tgt Ion:	101	Resp:	44390
Ion Ratio	Lower	Upper	
101	100		
85	42.4	34.9	52.3
151	87.0	70.4	105.6

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#10

Methyl Iodide

Concen: 22.134 ug/l

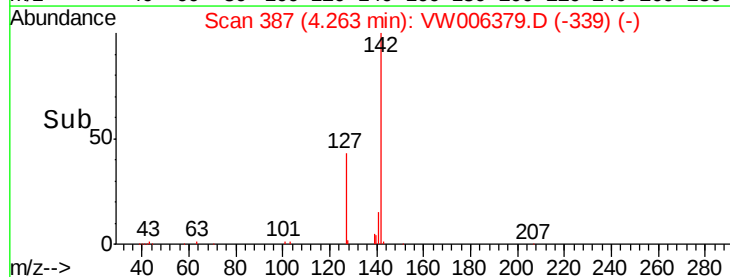
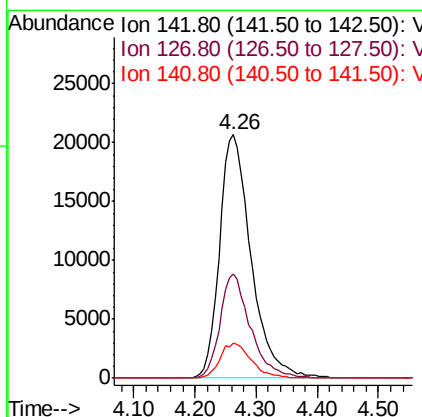
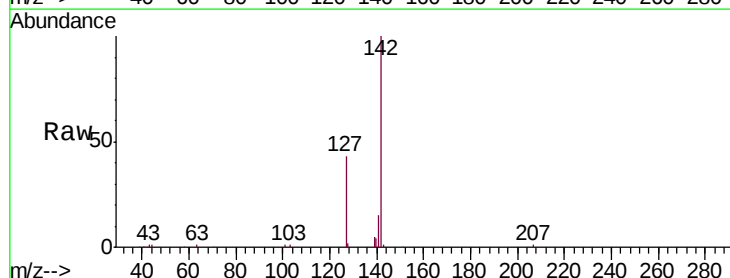
RT: 4.26 min Scan# 387

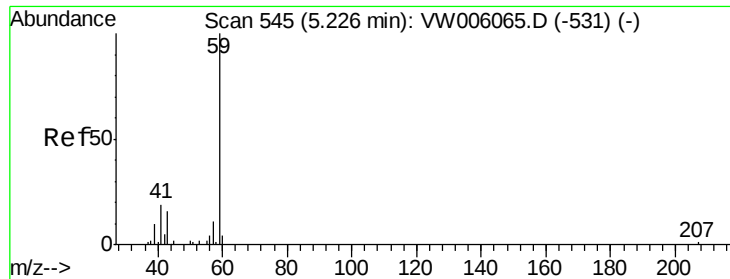
Delta R.T. -0.01 min

Lab File: VW006379.D

Acq: 26 Oct 2018 00:51

Tgt Ion:	142	Resp:	73753
Ion Ratio	Lower	Upper	
142	100		
127	41.1	33.6	50.4
141	14.3	11.6	17.4





#11

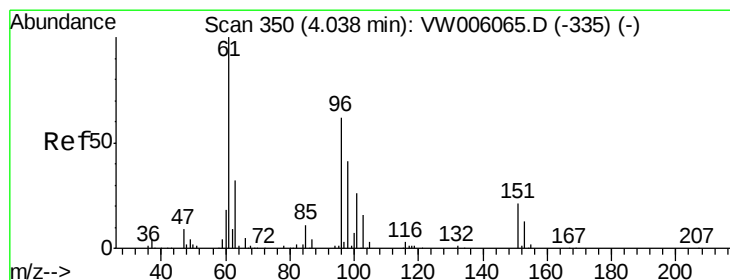
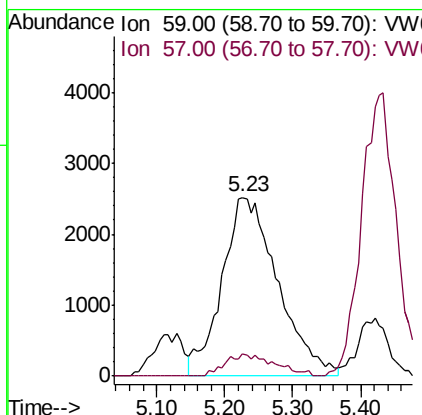
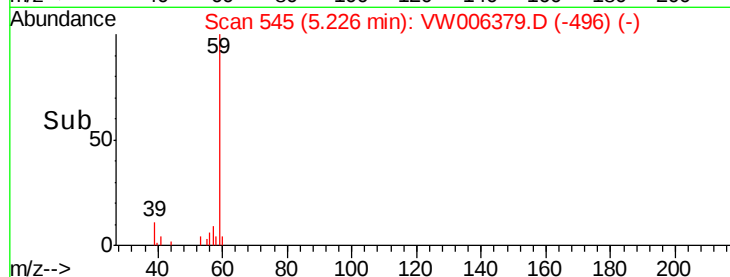
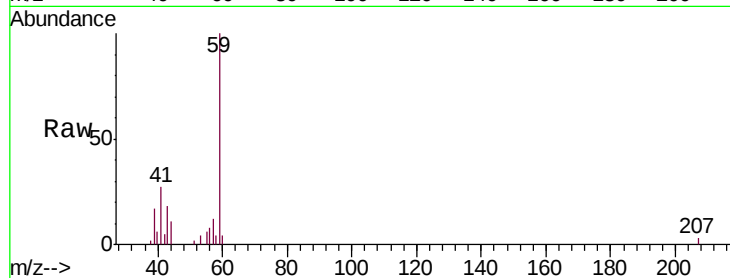
Tert butyl alcohol
Concen: 114.470 ug/l
RT: 5.23 min Scan# 545
Delta R.T. 0.00 min
Lab File: VW006379.D
Acq: 26 Oct 2018 00:51

Instrument :
MSVOA_W
ClientSampleId :
VW1027SBS01

Tgt Ion: 59 Resp: 14388
Ion Ratio Lower Upper
59 100
57 10.4 8.7 13.1

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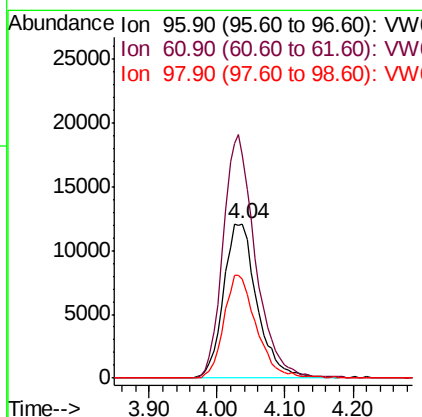
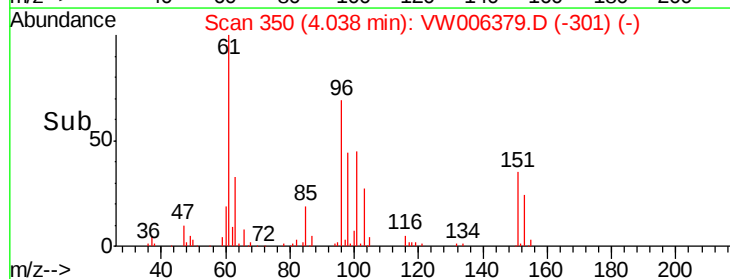
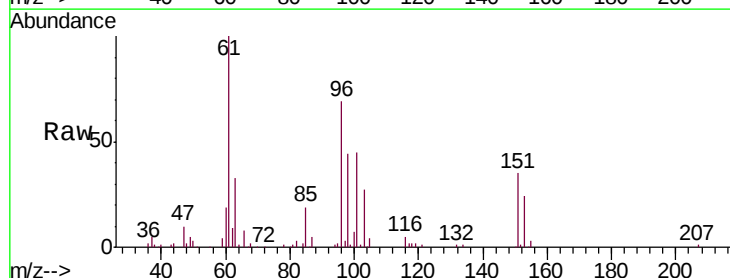
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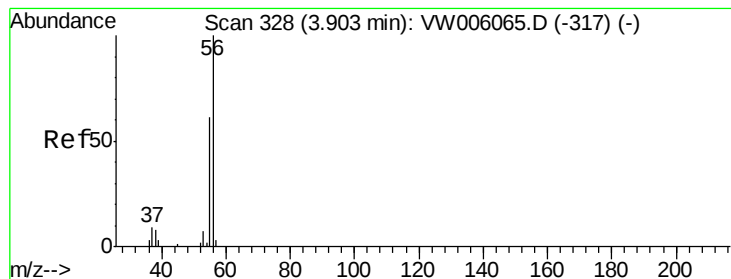


#12

1,1-Dichloroethene
Concen: 22.034 ug/l
RT: 4.04 min Scan# 350
Delta R.T. 0.00 min
Lab File: VW006379.D
Acq: 26 Oct 2018 00:51

Tgt Ion: 96 Resp: 41501
Ion Ratio Lower Upper
96 100
61 145.1 129.3 193.9
98 63.9 53.1 79.7





#13

Acrolein

Concen: 101.246 ug/l

RT: 3.90 min Scan# 327

Delta R.T. -0.01 min

Lab File: VW006379.D

Acq: 26 Oct 2018 00:51

Instrument :

MSVOA_W

ClientSampleId :

VW1027SBS01

Tgt Ion: 56 Resp: 12314

Ion Ratio Lower Upper

56 100

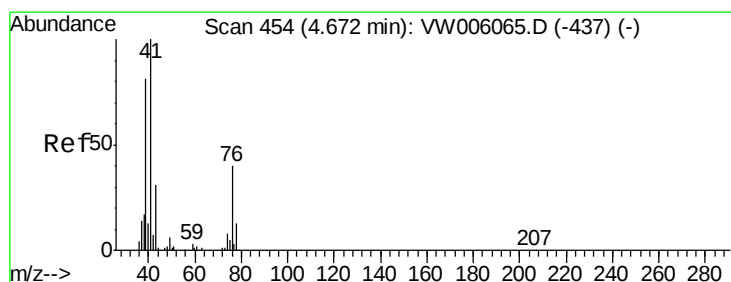
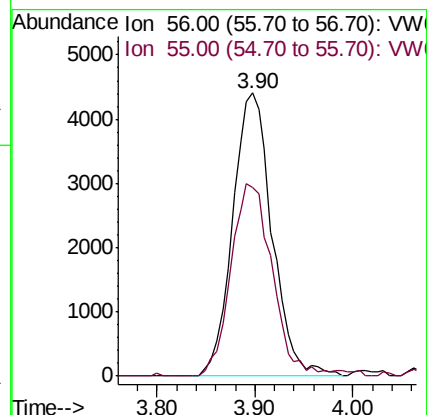
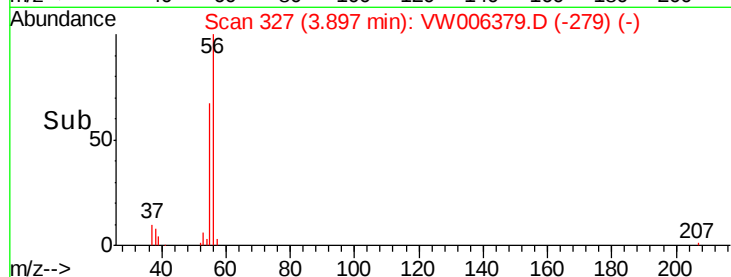
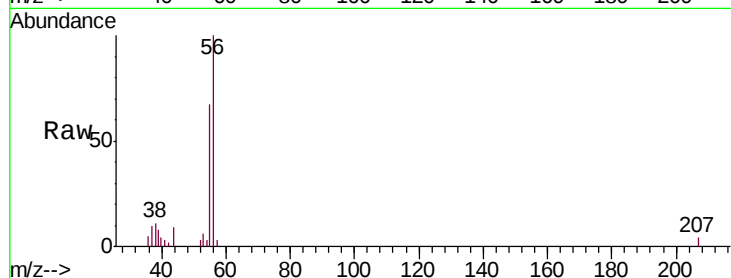
55 71.0 54.5 81.7

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#14

Allyl chloride

Concen: 20.562 ug/l

RT: 4.66 min Scan# 452

Delta R.T. -0.01 min

Lab File: VW006379.D

Acq: 26 Oct 2018 00:51

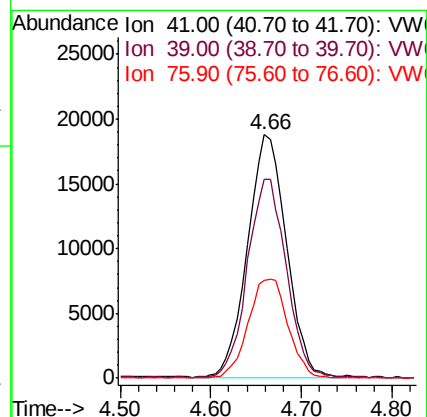
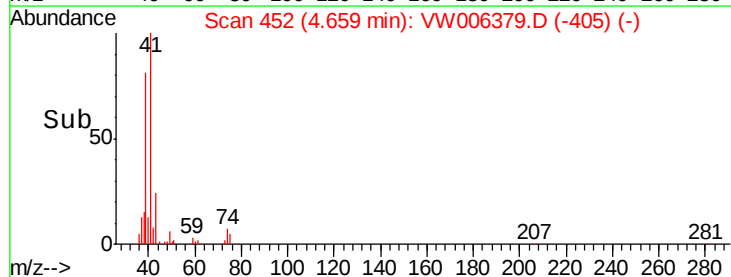
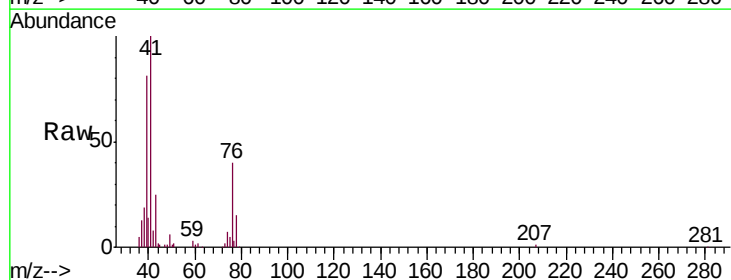
Tgt Ion: 41 Resp: 55377

Ion Ratio Lower Upper

41 100

39 81.1 64.1 96.1

76 41.8 32.2 48.4





#15

Acrylonitrile

Concen: 121.108 ug/l

RT: 5.38 min Scan# 570

Delta R.T. 0.00 min

Lab File: VW006379.D

Acq: 26 Oct 2018 00:51

Instrument :

MSVOA_W

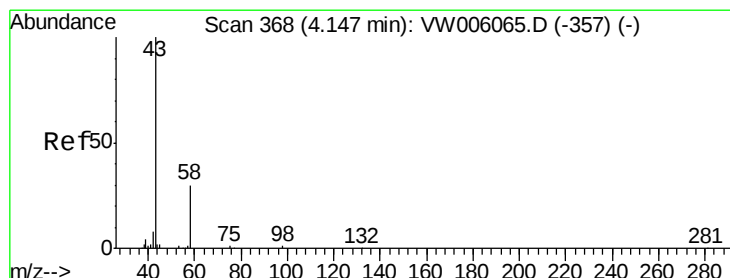
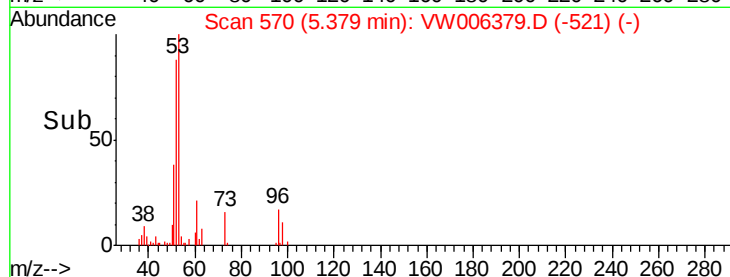
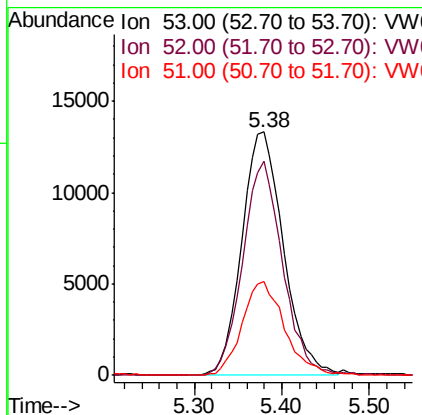
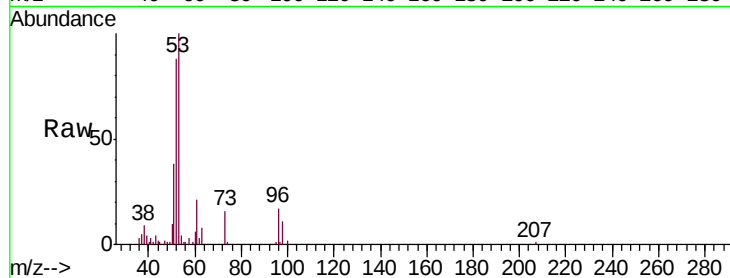
ClientSampleId :

VW1027SBS01

Tgt Ion:	53	Resp:	44102
Ion	Ratio	Lower	Upper
53	100		
52	83.7	66.9	100.3
51	39.3	30.1	45.1

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#16

Acetone

Concen: 116.894 ug/l

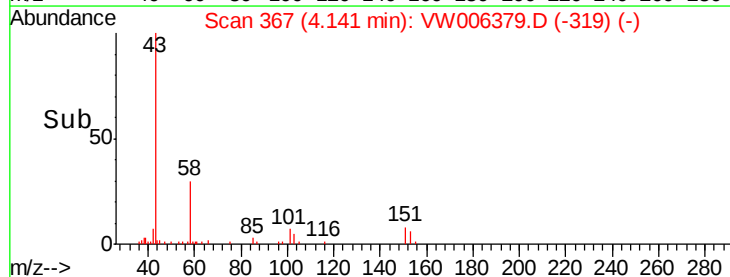
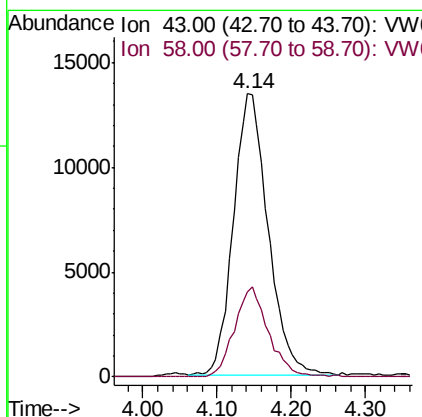
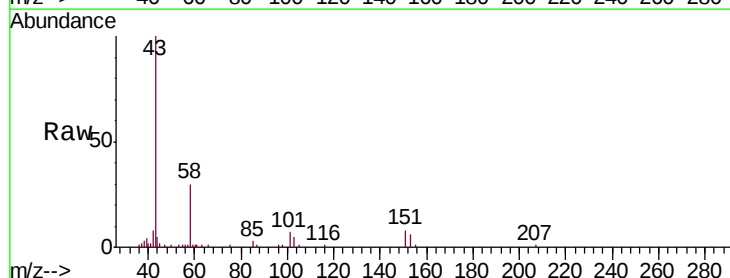
RT: 4.14 min Scan# 367

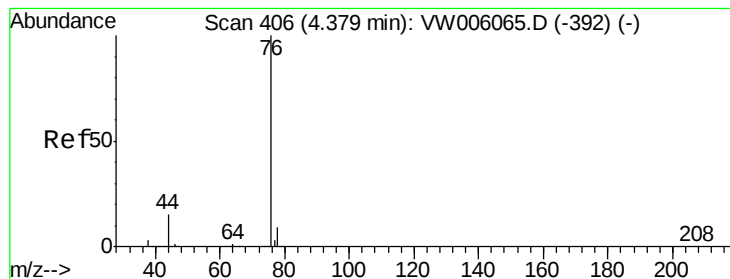
Delta R.T. -0.01 min

Lab File: VW006379.D

Acq: 26 Oct 2018 00:51

Tgt Ion:	43	Resp:	43749
Ion	Ratio	Lower	Upper
43	100		
58	30.3	24.0	36.0





#17

Carbon Disulfide

Concen: 18.220 ug/l

RT: 4.37 min Scan# 405

Delta R.T. -0.01 min

Lab File: VW006379.D

Acq: 26 Oct 2018 00:51

Instrument :

MSVOA_W

ClientSampleId :

VW1027SBSD01

Tgt Ion: 76 Resp: 103574

Ion Ratio Lower Upper

76 100

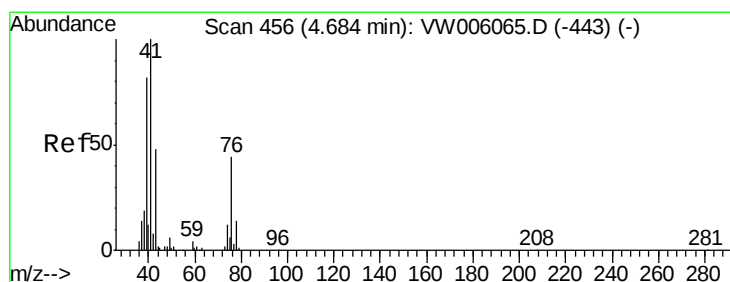
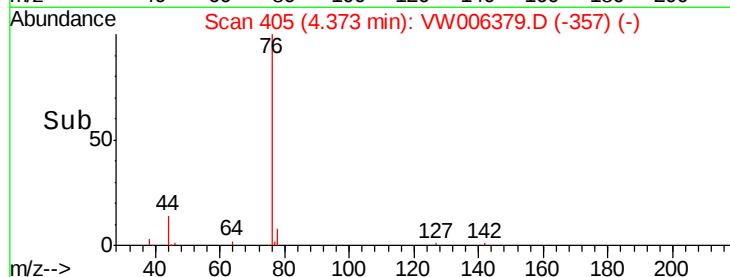
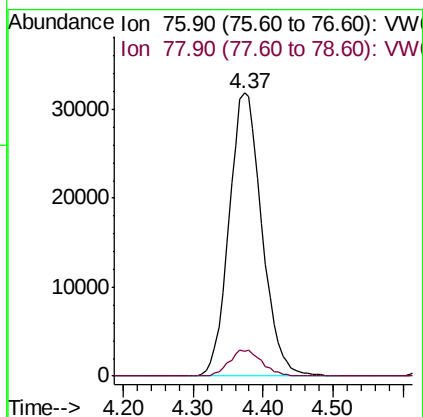
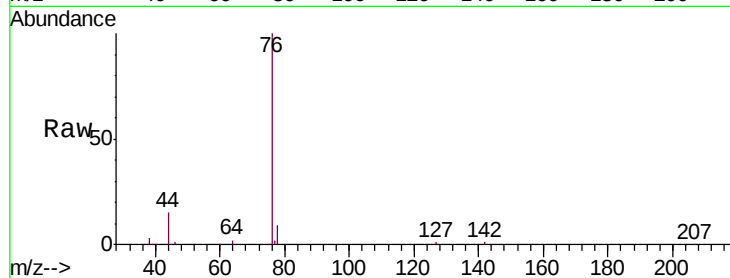
78 8.7 7.5 11.3

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#18

Methyl Acetate

Concen: 24.819 ug/l

RT: 4.68 min Scan# 455

Delta R.T. -0.01 min

Lab File: VW006379.D

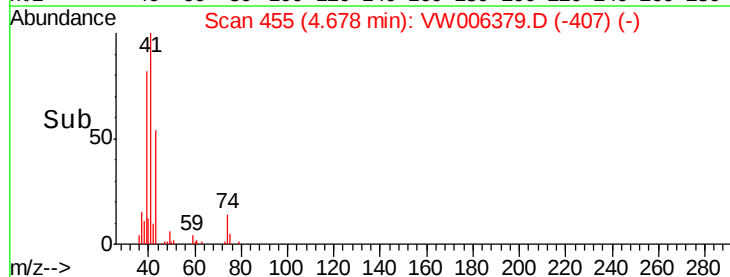
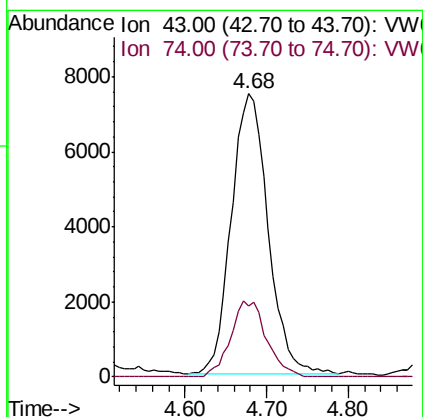
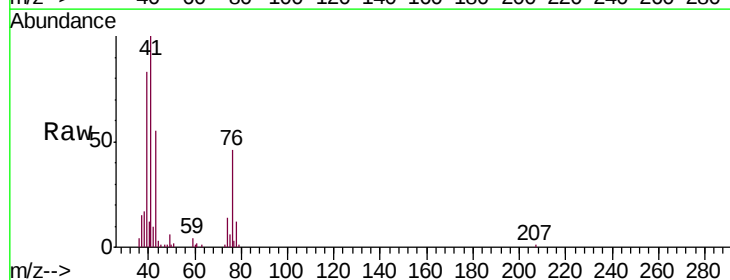
Acq: 26 Oct 2018 00:51

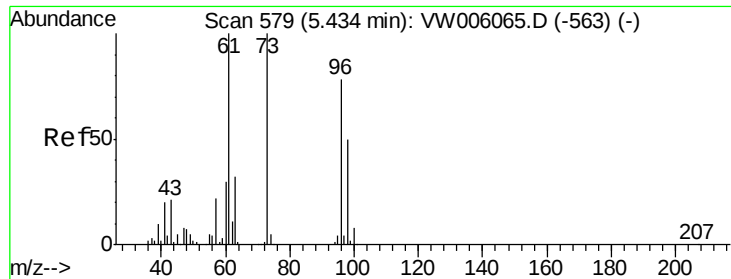
Tgt Ion: 43 Resp: 23343

Ion Ratio Lower Upper

43 100

74 26.3 20.5 30.7





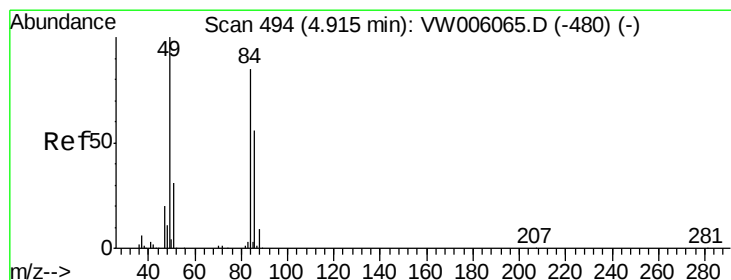
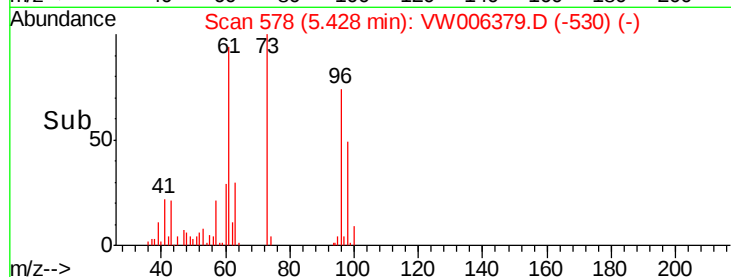
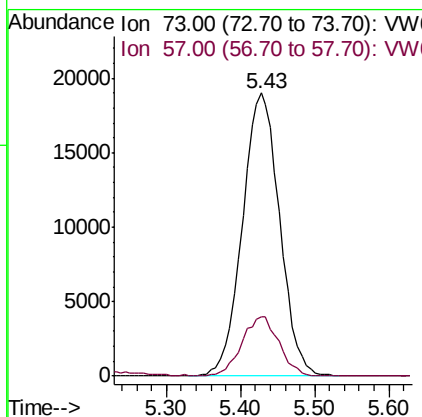
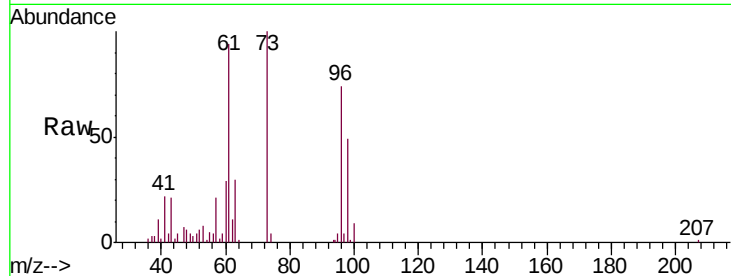
#19
Methyl tert-butyl Ether
Concen: 23.200 ug/l
RT: 5.43 min Scan# 578
Delta R.T. -0.01 min
Lab File: VW006379.D
Acq: 26 Oct 2018 00:51

Instrument :
MSVOA_W
ClientSampleId :
VW1027SBS01

Tgt Ion	Ratio	Lower	Upper
73	100		
57	20.8	17.4	26.2

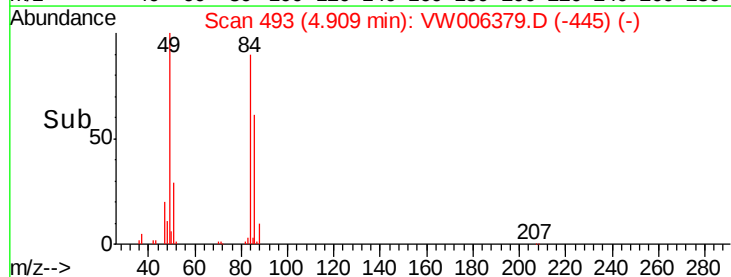
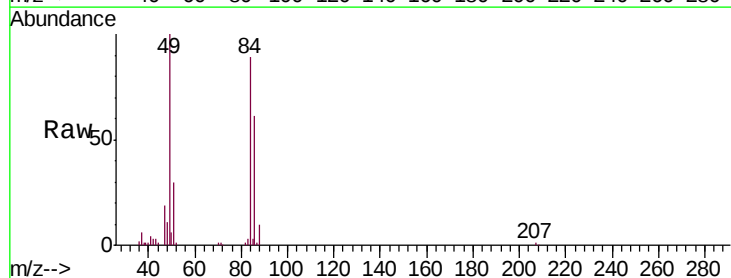
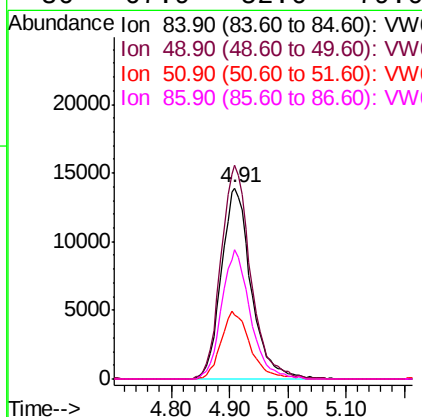
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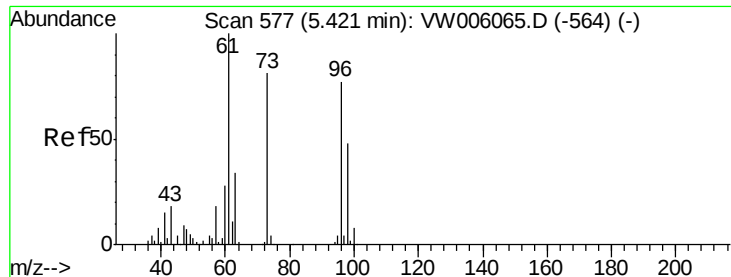
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#20
Methylene Chloride
Concen: 24.097 ug/l
RT: 4.91 min Scan# 493
Delta R.T. -0.01 min
Lab File: VW006379.D
Acq: 26 Oct 2018 00:51

Tgt Ion	Ratio	Lower	Upper
84	100		
49	111.8	93.6	140.4
51	33.2	29.0	43.4
86	67.9	52.6	79.0





#21

trans-1,2-Dichloroethene

Concen: 23.221 ug/l

RT: 5.42 min Scan# 576

Delta R.T. -0.01 min

Lab File: VW006379.D

Acq: 26 Oct 2018 00:51

Instrument :

MSVOA_W

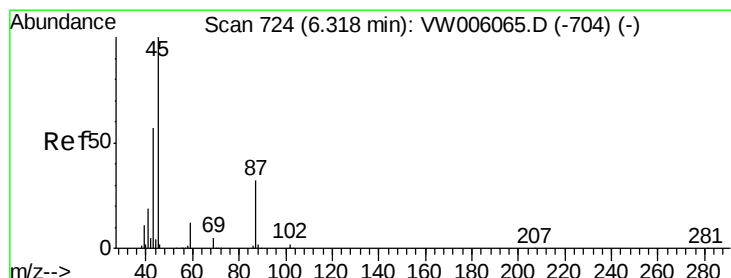
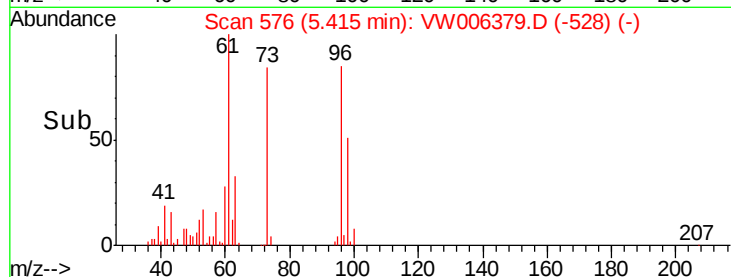
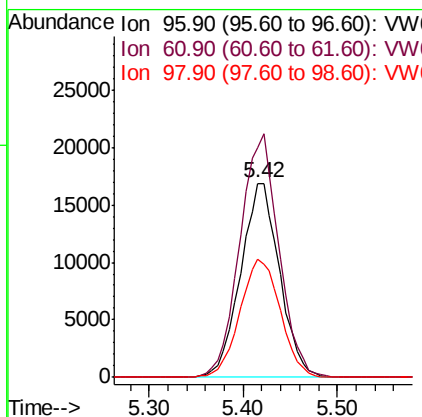
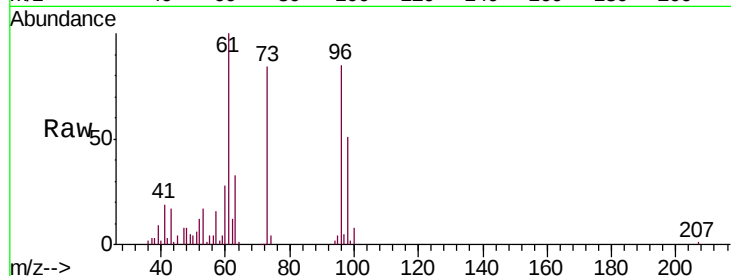
ClientSampleId :

VW1027SBS01

Tgt Ion:	96	Resp:	48819
Ion	Ratio	Lower	Upper
96	100		
61	118.2	104.5	156.7
98	60.7	50.6	75.8

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#22

Diisopropyl ether

Concen: 22.875 ug/l

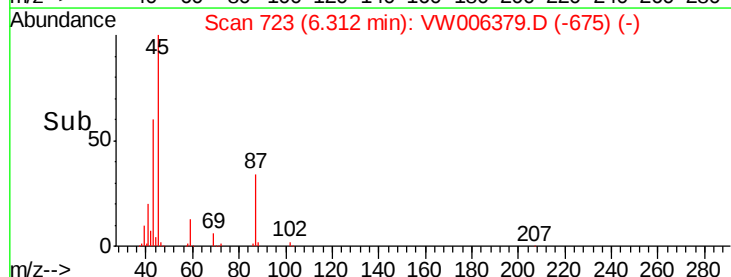
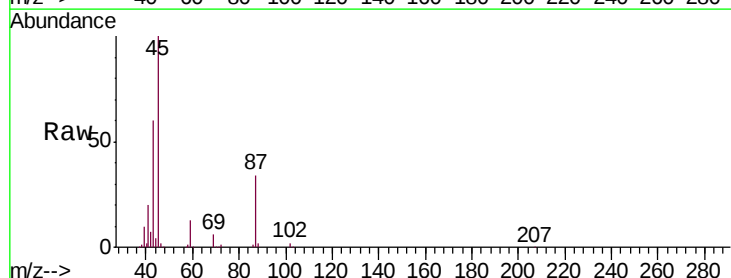
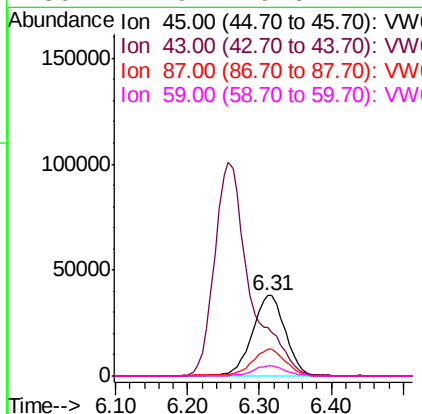
RT: 6.31 min Scan# 723

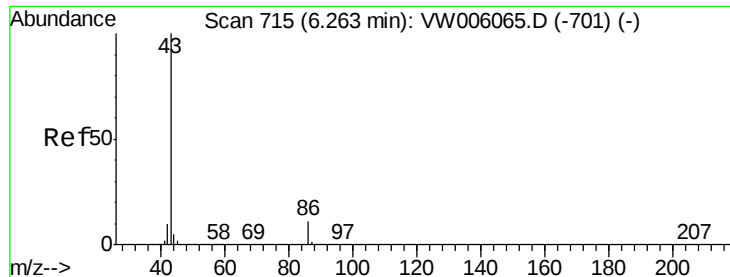
Delta R.T. -0.01 min

Lab File: VW006379.D

Acq: 26 Oct 2018 00:51

Tgt Ion:	45	Resp:	121742
Ion	Ratio	Lower	Upper
45	100		
43	59.8	45.7	68.5
87	33.8	25.9	38.9
59	12.9	9.6	14.4





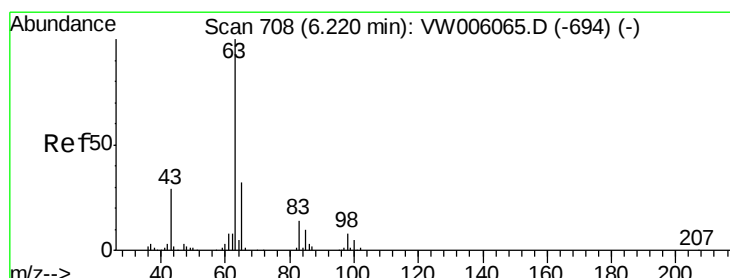
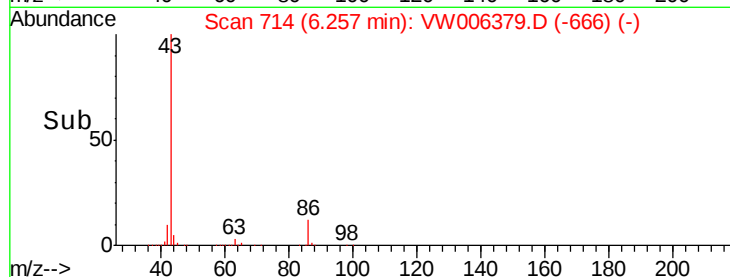
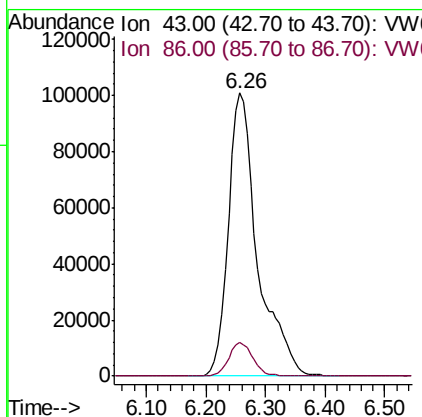
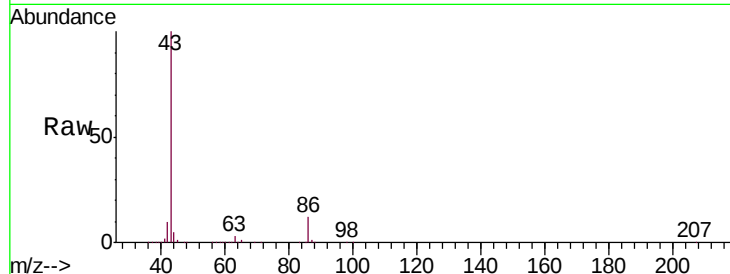
#23
 Vinyl Acetate
 Concen: 109.742 ug/l
 RT: 6.26 min Scan# 714
 Delta R.T. -0.01 min
 Lab File: VW006379.D
 Acq: 26 Oct 2018 00:51

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1027SBSD01

Tgt Ion	Ratio	Resp	Lower	Upper
43	100	344678		
86	12.0	9.0	13.6	

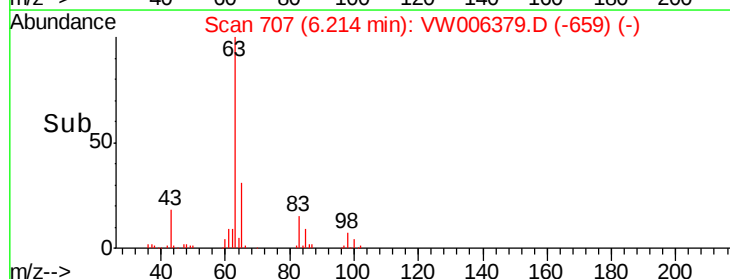
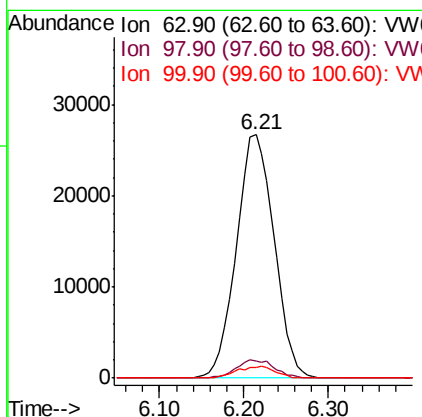
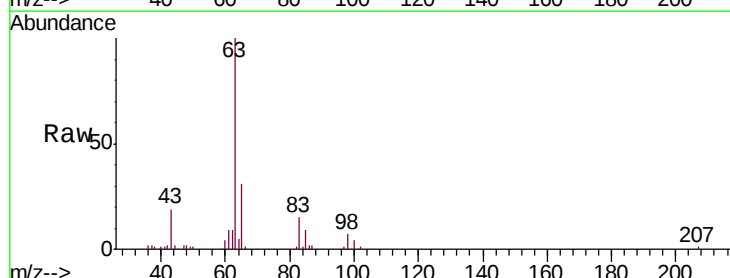
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#24
 1,1-Dichloroethane
 Concen: 23.631 ug/l
 RT: 6.21 min Scan# 707
 Delta R.T. -0.01 min
 Lab File: VW006379.D
 Acq: 26 Oct 2018 00:51

Tgt Ion	Ratio	Resp	Lower	Upper
63	100	81150		
98	6.8	3.8	11.2	
100	4.3	2.5	7.5	





#25

2-Butanone

Concen: 121.651 ug/l

RT: 7.18 min Scan# 866

Delta R.T. 0.00 min

Lab File: VW006379.D

Acq: 26 Oct 2018 00:51

Instrument :

MSVOA_W

ClientSampleId :

VW1027SBS01

Tgt Ion: 43 Resp: 61420

Ion Ratio Lower Upper

43 100

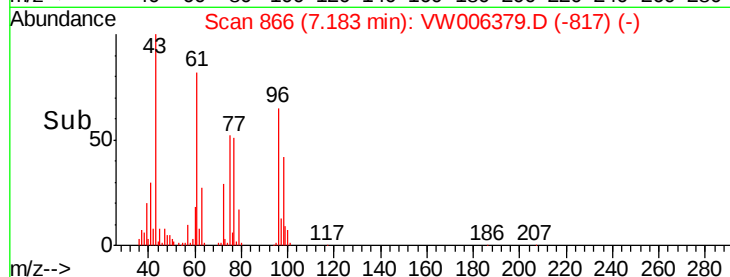
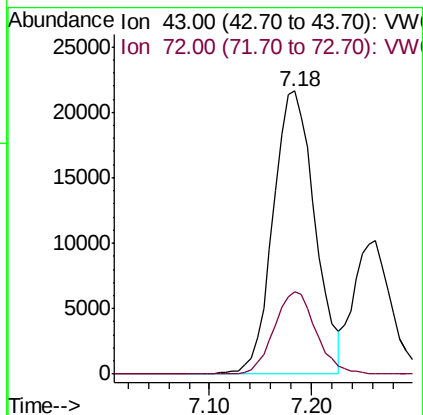
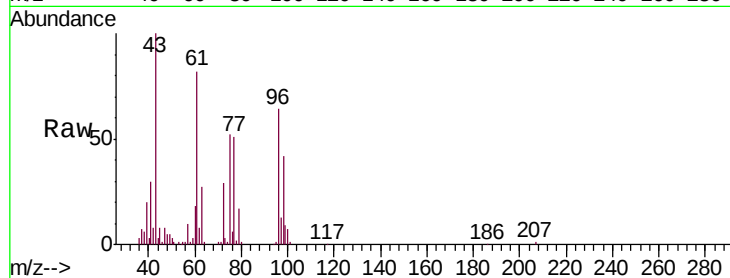
72 29.3 22.8 34.2

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#26

2,2-Dichloropropane

Concen: 20.169 ug/l

RT: 7.17 min Scan# 863

Delta R.T. -0.01 min

Lab File: VW006379.D

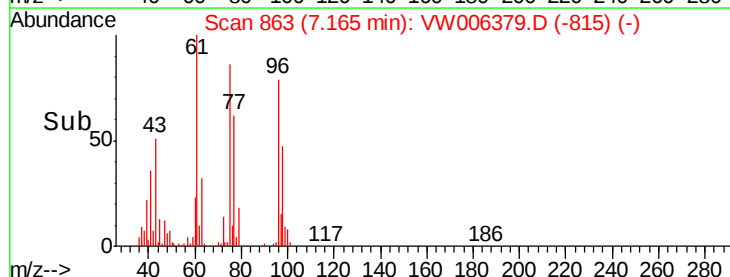
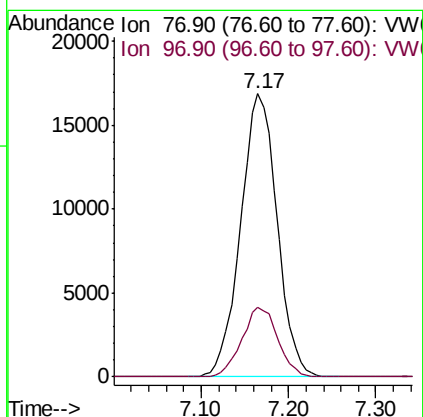
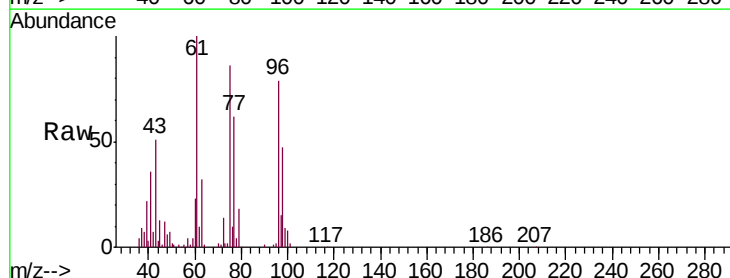
Acq: 26 Oct 2018 00:51

Tgt Ion: 77 Resp: 48850

Ion Ratio Lower Upper

77 100

97 24.0 12.2 36.4





#27

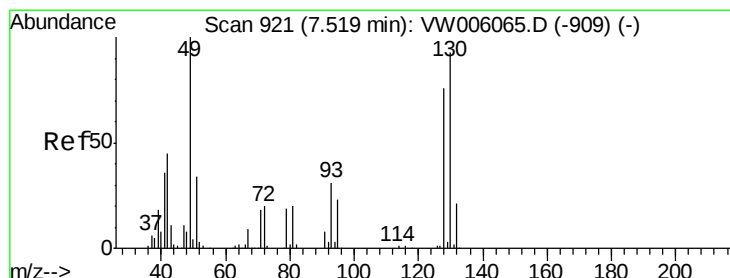
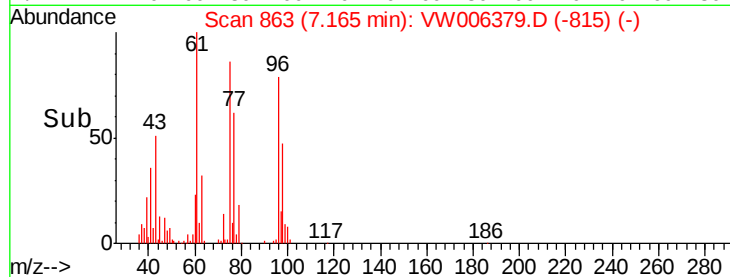
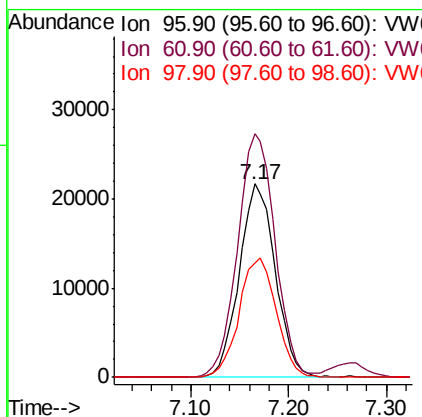
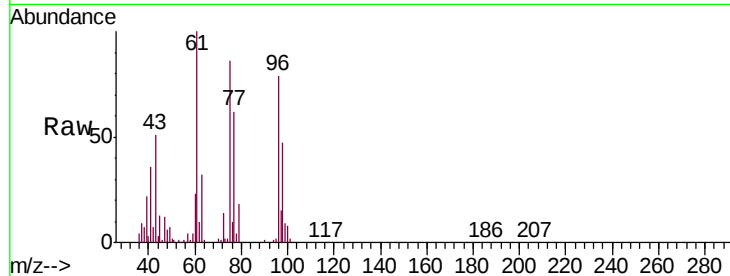
cis-1,2-Dichloroethene
Concen: 23.909 ug/l
RT: 7.17 min Scan# 863
Delta R.T. -0.01 min
Lab File: VW006379.D
Acq: 26 Oct 2018 00:51

Instrument :
MSVOA_W
ClientSampleId :
VW1027SBS01

Tgt Ion	Ratio	Lower	Upper
96	100		
61	130.9	0.0	267.2
98	63.5	0.0	128.6

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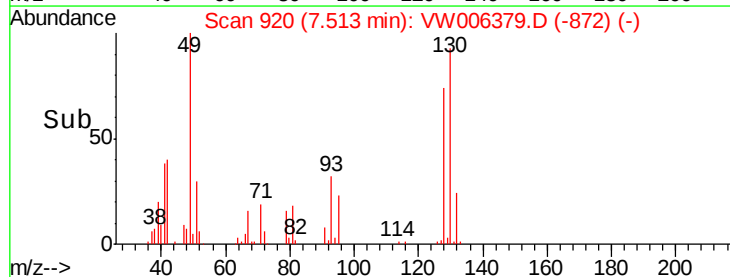
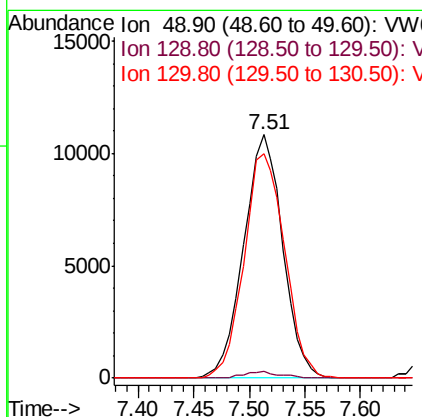
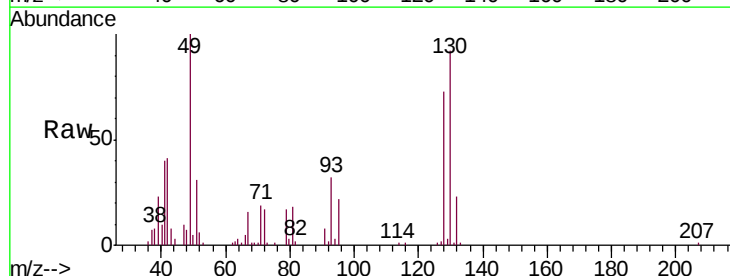
apatel
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#28

Bromochloromethane
Concen: 19.930 ug/l
RT: 7.51 min Scan# 920
Delta R.T. -0.01 min
Lab File: VW006379.D
Acq: 26 Oct 2018 00:51

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.4	0.0	5.0
130	95.9	73.8	110.8





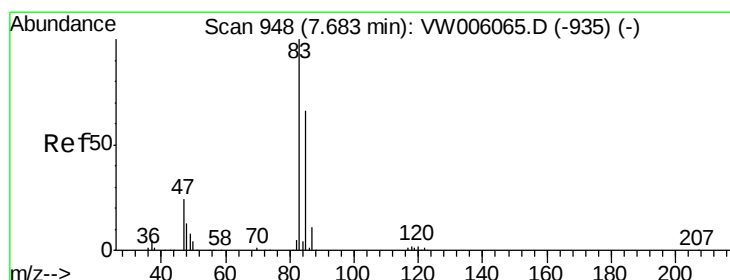
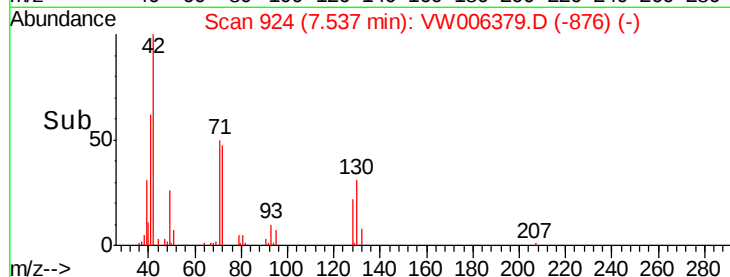
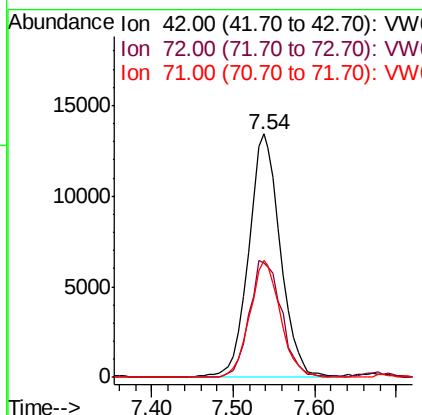
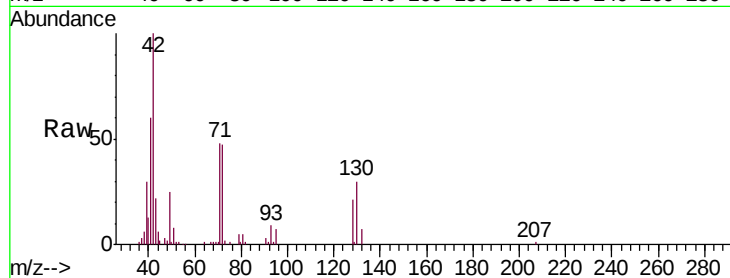
#29
Tetrahydrofuran
Concen: 117.422 ug/l
RT: 7.54 min Scan# 924
Delta R.T. -0.01 min
Lab File: VW006379.D
Acq: 26 Oct 2018 00:51

Instrument :
MSVOA_W
ClientSampleId :
VW1027SBSD01

Tgt Ion	Ratio	Lower	Upper
42	100		
72	48.7	38.0	57.0
71	46.3	35.3	52.9

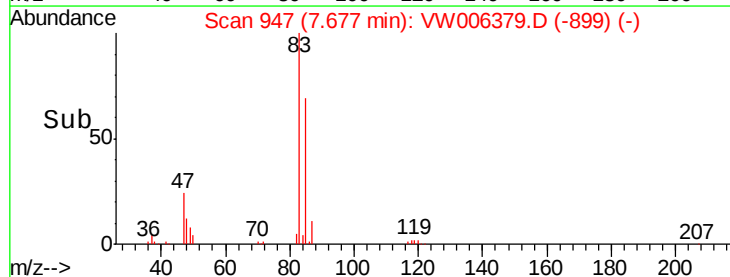
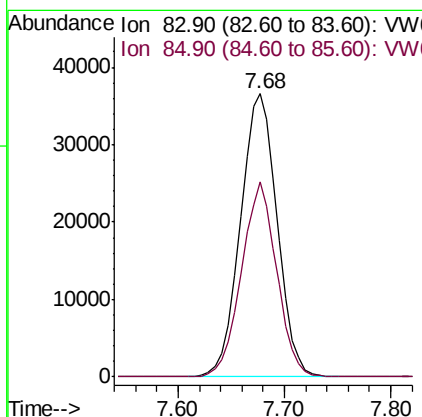
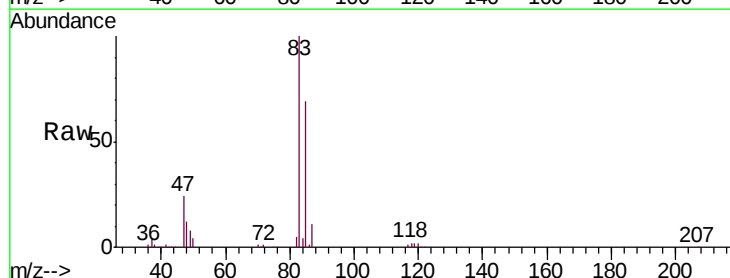
Manual Integrations
APPROVED

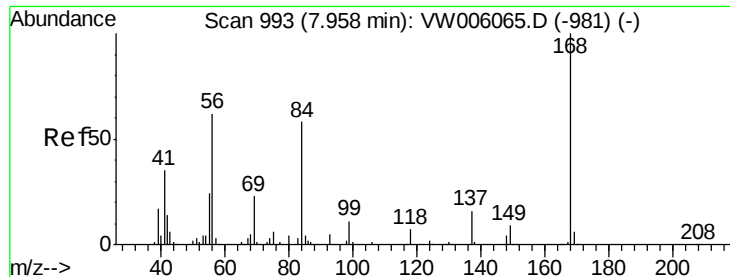
apatel
10/26/2018 11:51:31 AM



#30
Chloroform
Concen: 23.578 ug/l
RT: 7.68 min Scan# 947
Delta R.T. -0.01 min
Lab File: VW006379.D
Acq: 26 Oct 2018 00:51

Tgt Ion	Ratio	Lower	Upper
83	100		
85	69.0	52.6	79.0





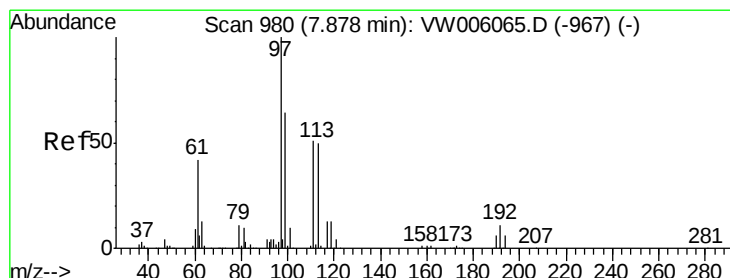
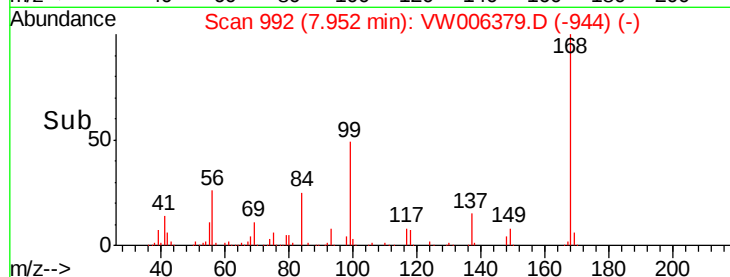
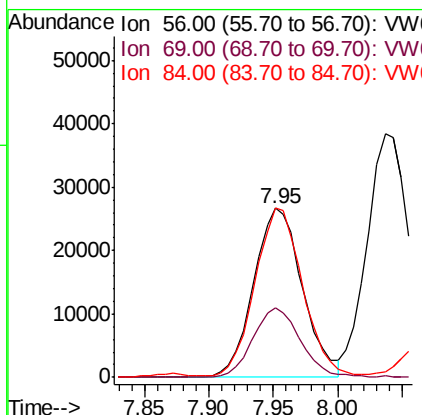
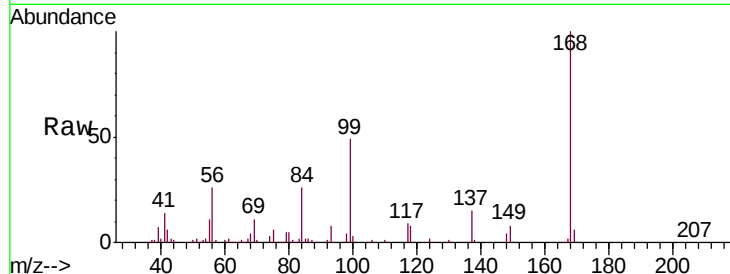
#31
Cyclohexane
Concen: 20.516 ug/l
RT: 7.95 min Scan# 992
Delta R.T. -0.01 min
Lab File: VW006379.D
Acq: 26 Oct 2018 00:51

Instrument :
MSVOA_W
ClientSampleId :
VW1027SBS01

Tgt Ion	Ratio	Lower	Upper
56	100		
69	41.3	29.4	44.0
84	98.8	74.0	111.0

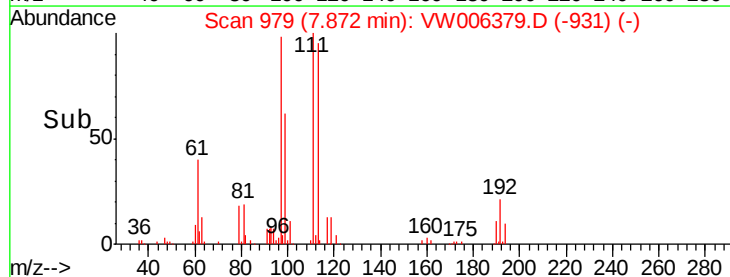
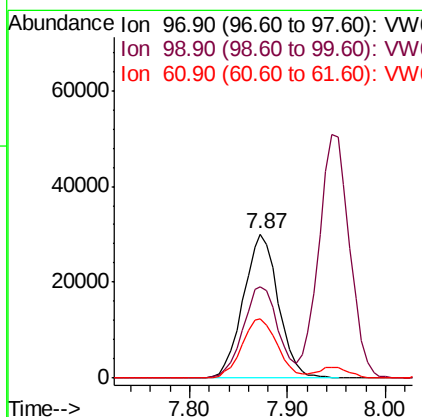
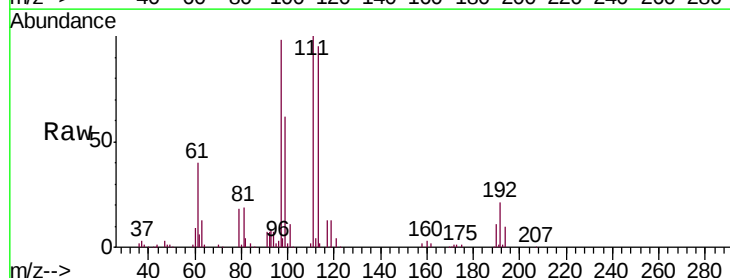
Manual Integrations
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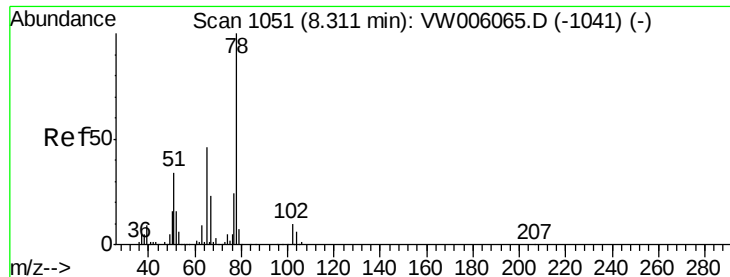
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#32
1,1,1-Trichloroethane
Concen: 22.003 ug/l
RT: 7.87 min Scan# 979
Delta R.T. -0.01 min
Lab File: VW006379.D
Acq: 26 Oct 2018 00:51

Tgt Ion	Ratio	Lower	Upper
97	100		
99	64.3	50.9	76.3
61	42.4	33.7	50.5





#33

1,2-Dichloroethane-d4

Concen: 51.128 ug/l

RT: 8.31 min Scan# 1050

Delta R.T. -0.01 min

Lab File: VW006379.D

Acq: 26 Oct 2018 00:51

Instrument :

MSVOA_W

ClientSampleId :

VW1027SBS01

Tgt Ion: 65 Resp: 95553

Ion Ratio Lower Upper

65 100

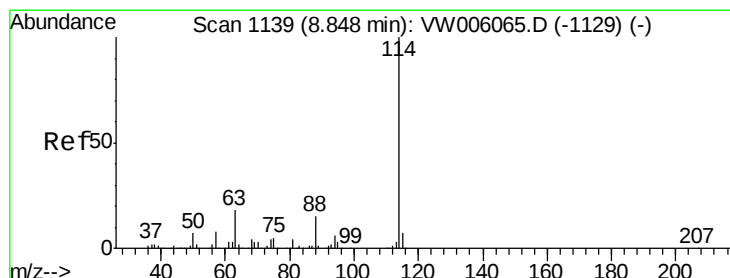
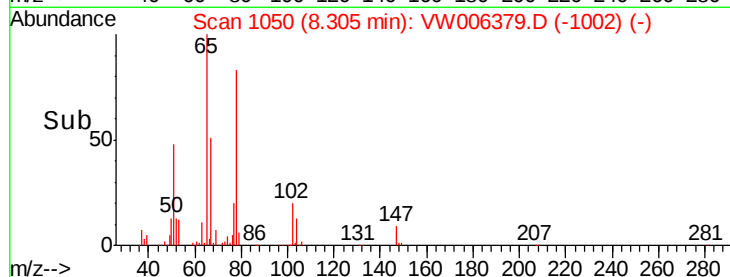
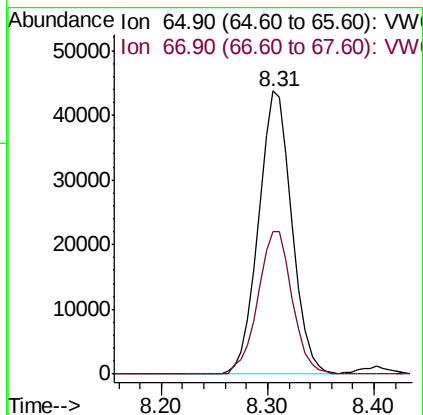
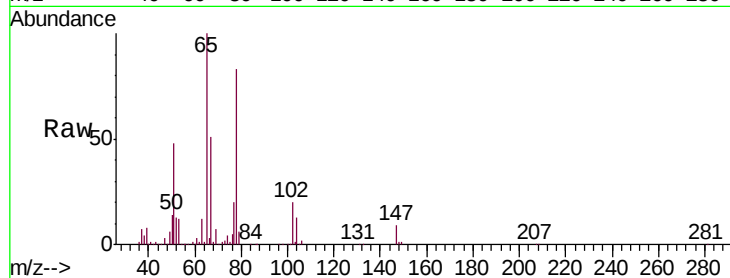
67 51.9 0.0 101.0

Manual Integrations

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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: VW006379.D

Acq: 26 Oct 2018 00:51

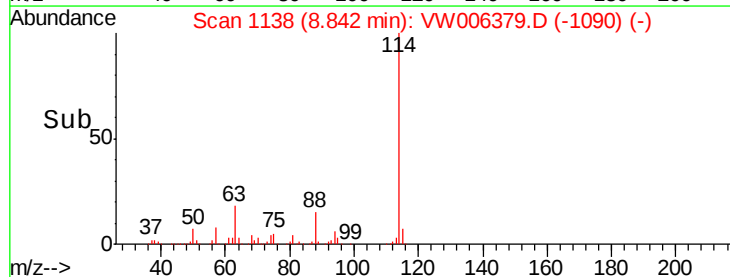
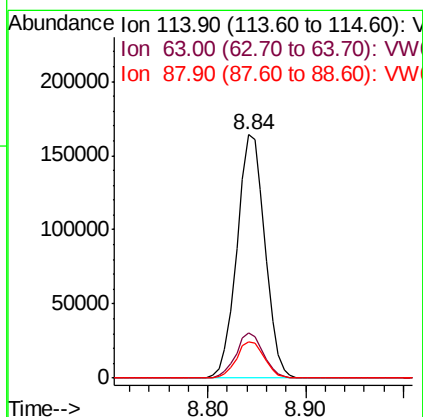
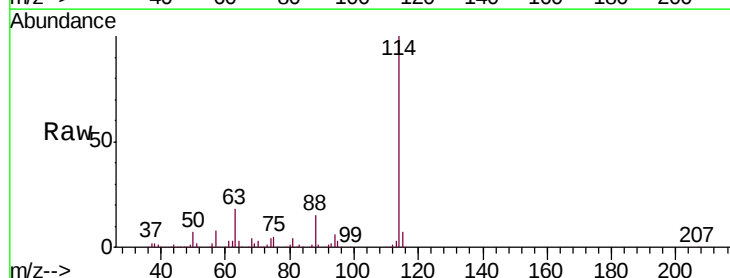
Tgt Ion: 114 Resp: 325233

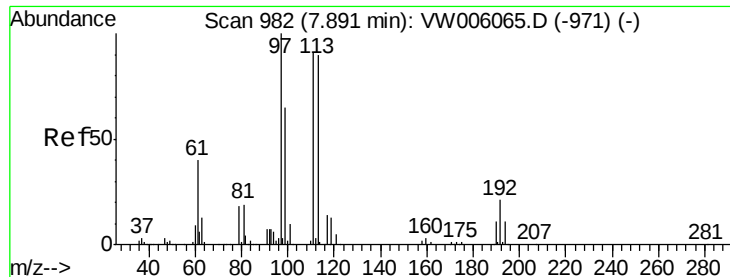
Ion Ratio Lower Upper

114 100

63 18.3 0.0 36.8

88 14.9 0.0 29.0





#35

Dibromofluoromethane

Concen: 51.256 ug/l

RT: 7.88 min Scan# 981

Delta R.T. -0.01 min

Lab File: VW006379.D

Acq: 26 Oct 2018 00:51

Instrument :

MSVOA_W

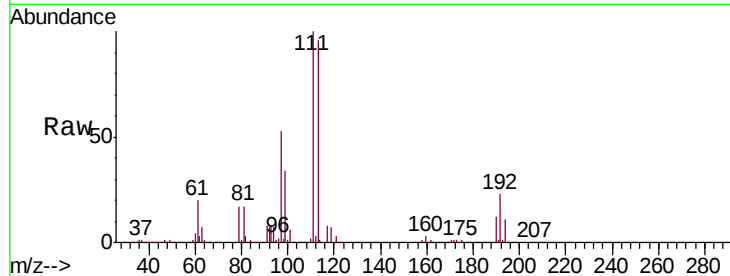
ClientSampleId :

VW1027SBS01

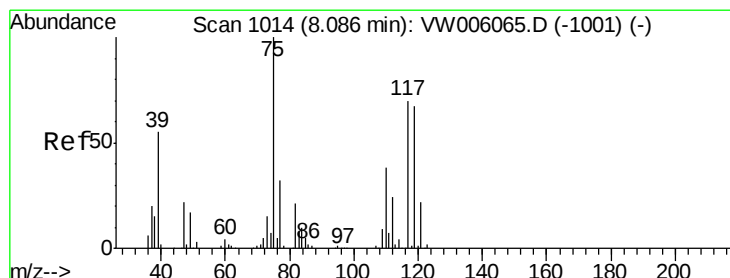
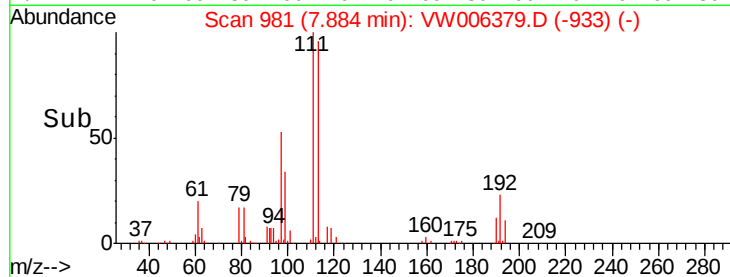
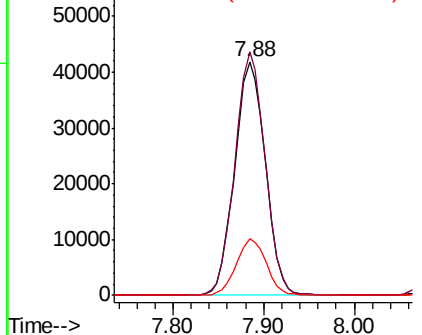
Tgt Ion:	113	Resp:	98503
Ion Ratio	Lower	Upper	
113	100		
111	102.4	81.4	122.0
192	23.5	18.7	28.1

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Abundance Ion 112.80 (112.50 to 113.50): V
Ion 110.80 (110.50 to 111.50): V
Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 22.873 ug/l

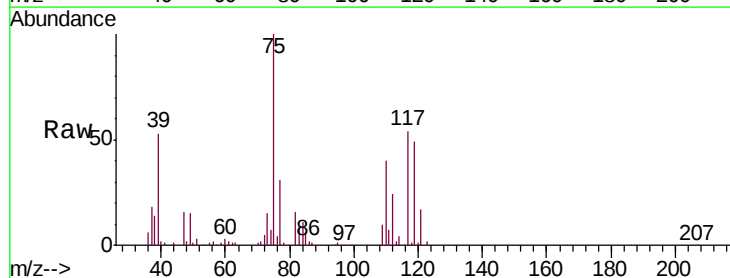
RT: 8.09 min Scan# 1014

Delta R.T. 0.00 min

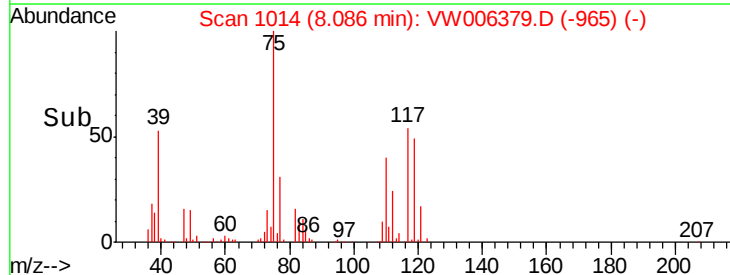
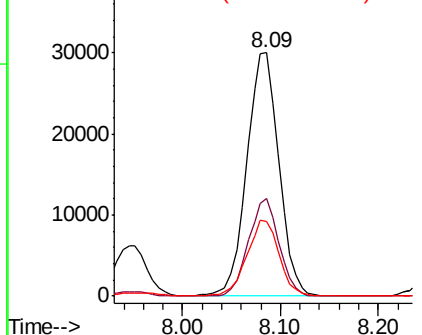
Lab File: VW006379.D

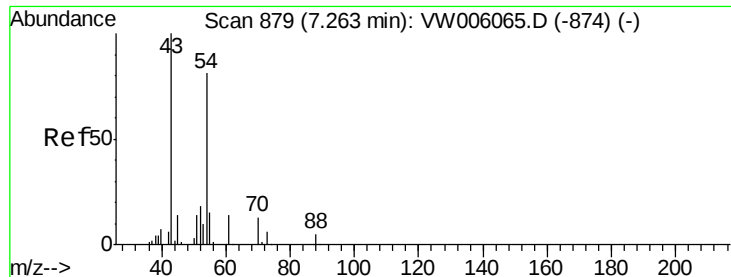
Acq: 26 Oct 2018 00:51

Tgt Ion:	75	Resp:	68568
Ion Ratio	Lower	Upper	
75	100		
110	38.1	19.1	57.1
77	31.2	25.0	37.4



Abundance Ion 74.90 (74.60 to 75.60): VW
Ion 109.90 (109.60 to 110.60): V
Ion 76.90 (76.60 to 77.60): VW





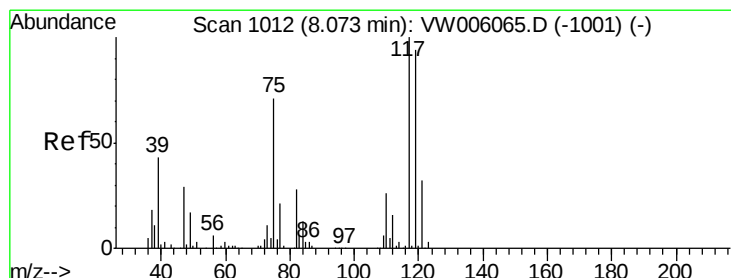
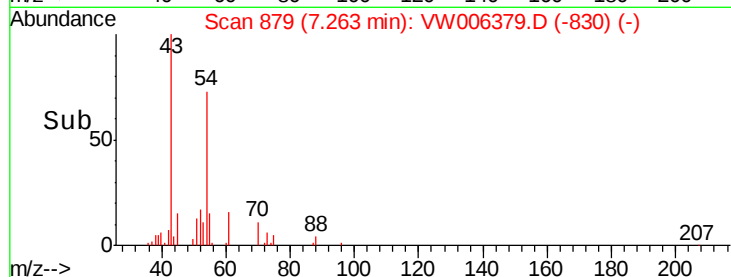
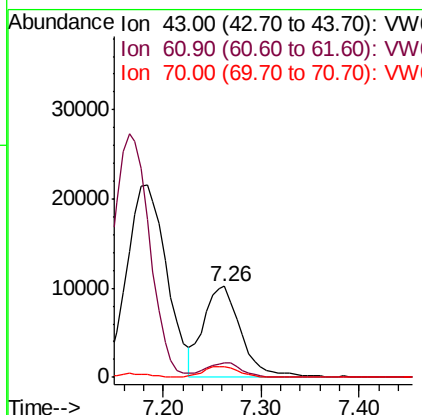
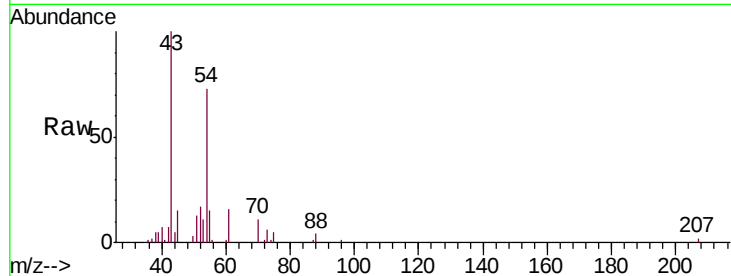
#37
Ethyl Acetate
Concen: 23.919 ug/l
RT: 7.26 min Scan# 879
Delta R.T. 0.00 min
Lab File: VW006379.D
Acq: 26 Oct 2018 00:51

Instrument :
MSVOA_W
ClientSampleId :
VW1027SBSD01

Tgt Ion: 43 Resp: 26640
Ion Ratio Lower Upper
43 100
61 15.3 11.5 17.3
70 11.9 9.2 13.8

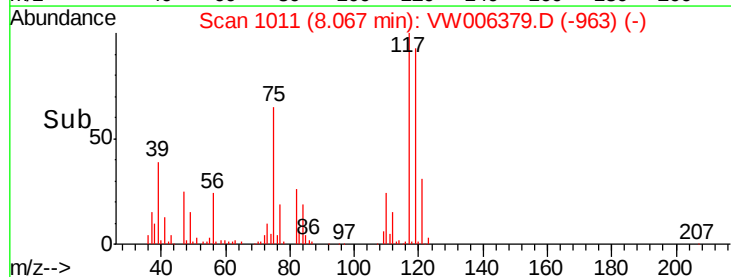
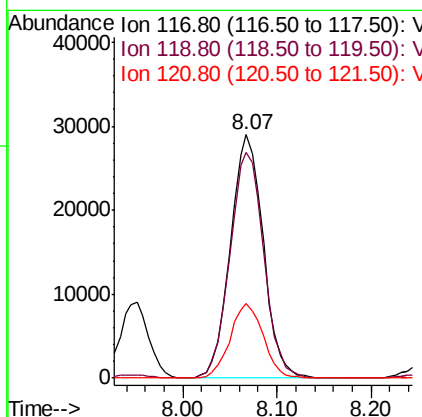
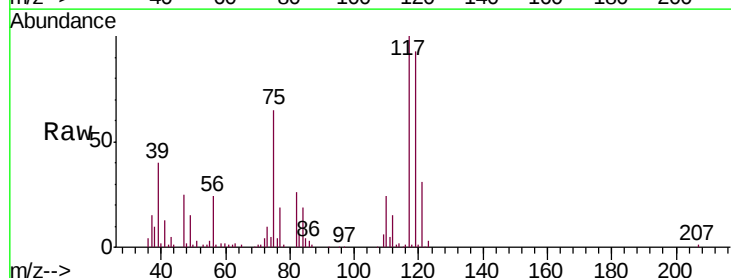
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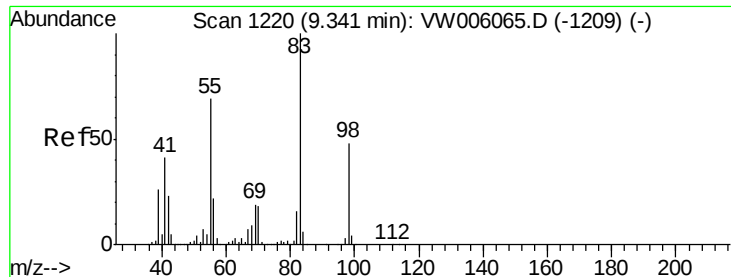
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#38
Carbon Tetrachloride
Concen: 21.418 ug/l
RT: 8.07 min Scan# 1011
Delta R.T. -0.01 min
Lab File: VW006379.D
Acq: 26 Oct 2018 00:51

Tgt Ion: 117 Resp: 70385
Ion Ratio Lower Upper
117 100
119 92.6 75.2 112.8
121 30.6 25.3 37.9





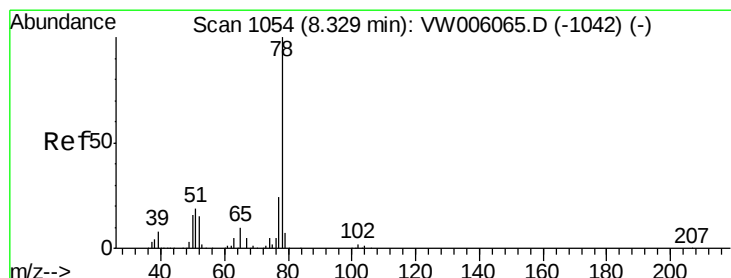
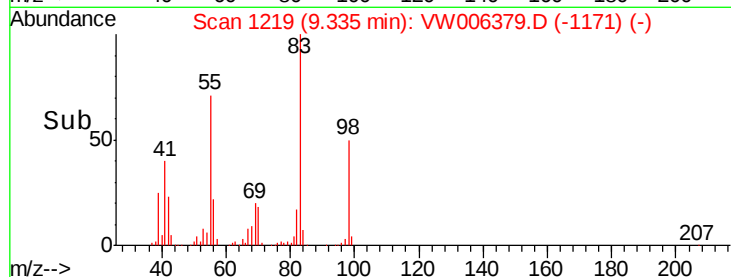
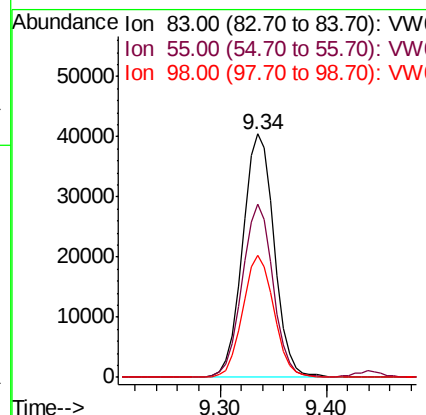
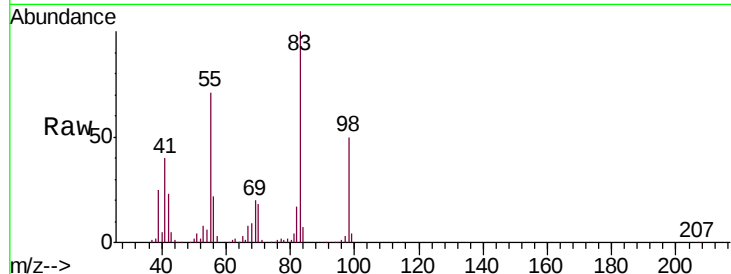
#39
Methylcyclohexane
Concen: 21.130 ug/l
RT: 9.34 min Scan# 1219
Delta R.T. -0.01 min
Lab File: VW006379.D
Acq: 26 Oct 2018 00:51

Instrument :
MSVOA_W
ClientSampleId :
VW1027SBS01

Tgt Ion	Ratio	Lower	Upper
83	100		
55	71.4	55.0	82.6
98	49.9	38.6	57.8

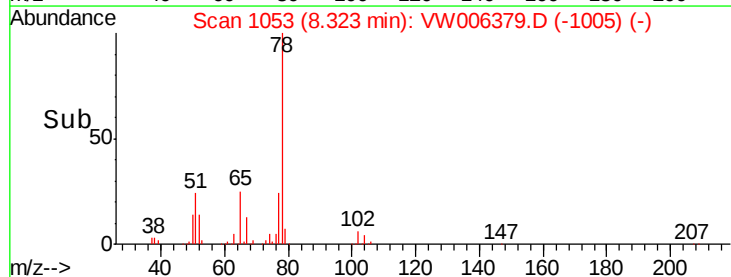
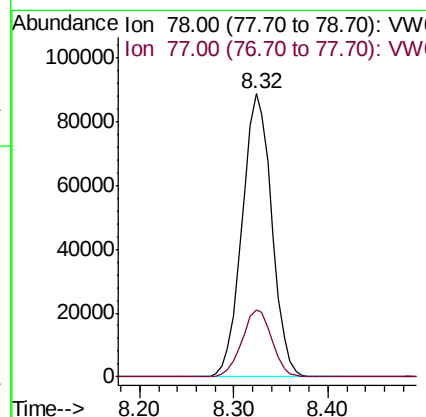
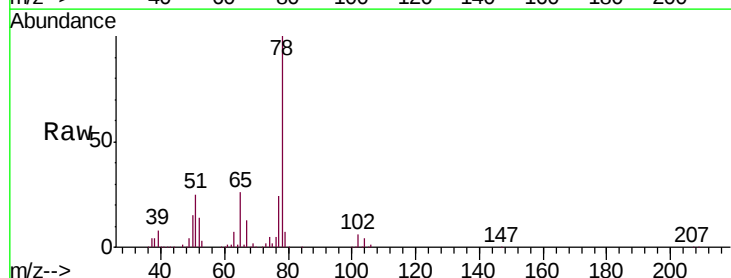
Manual Integrations
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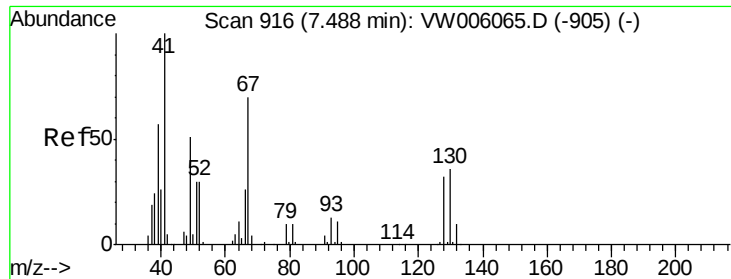
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#40
Benzene
Concen: 23.695 ug/l
RT: 8.32 min Scan# 1053
Delta R.T. -0.01 min
Lab File: VW006379.D
Acq: 26 Oct 2018 00:51

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.7	19.4	29.0





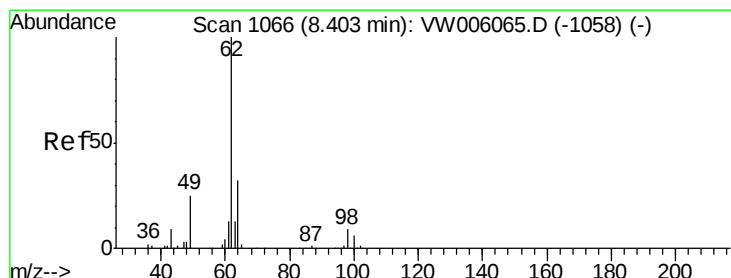
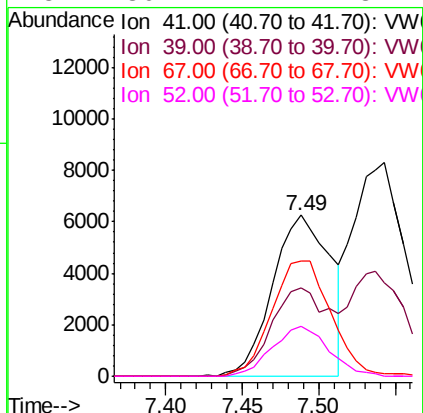
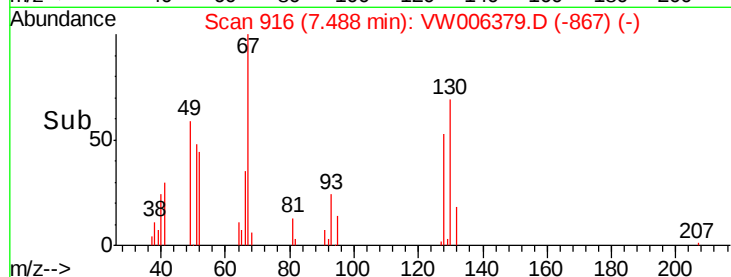
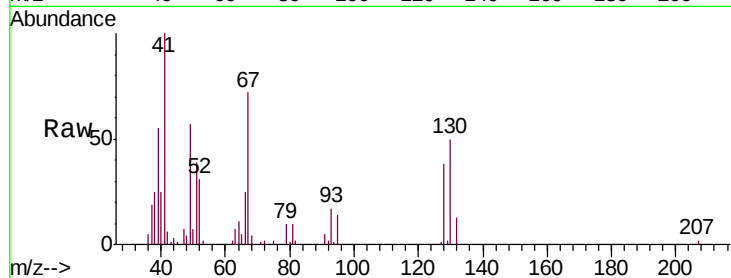
#41
Methacrylonitrile
Concen: 24.527 ug/l
RT: 7.49 min Scan# 916
Delta R.T. 0.00 min
Lab File: VW006379.D
Acq: 26 Oct 2018 00:51

Instrument :
MSVOA_W
ClientSampleId :
VW1027SBSD01

Tgt Ion	Ratio	Lower	Upper
41	100		
39	55.4	46.2	69.4
67	73.8	57.7	86.5
52	30.2	24.7	37.1

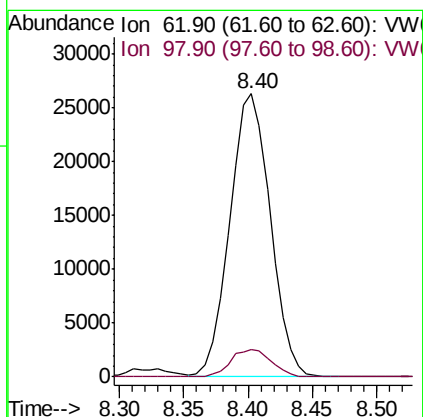
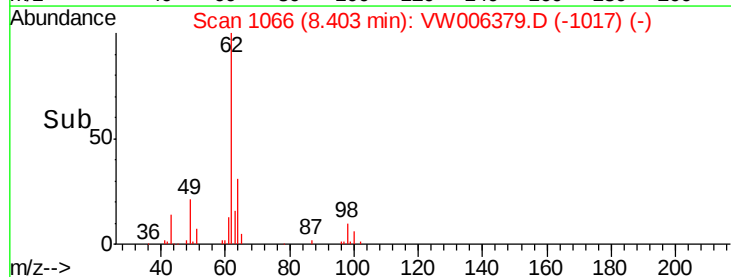
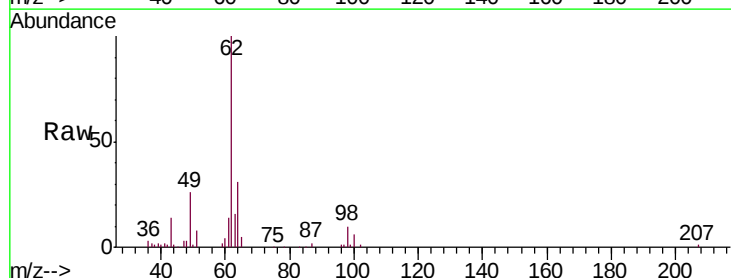
Manual Integrations
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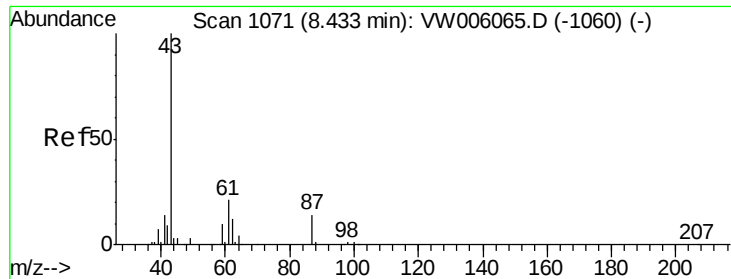
apatel
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#42
1,2-Dichloroethane
Concen: 23.833 ug/l
RT: 8.40 min Scan# 1066
Delta R.T. 0.00 min
Lab File: VW006379.D
Acq: 26 Oct 2018 00:51

Tgt Ion	Ratio	Lower	Upper
62	100		
98	9.7	0.0	18.4





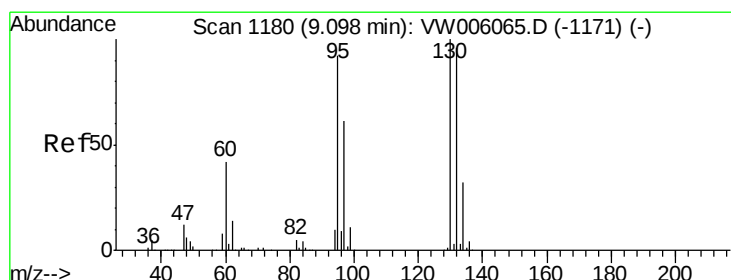
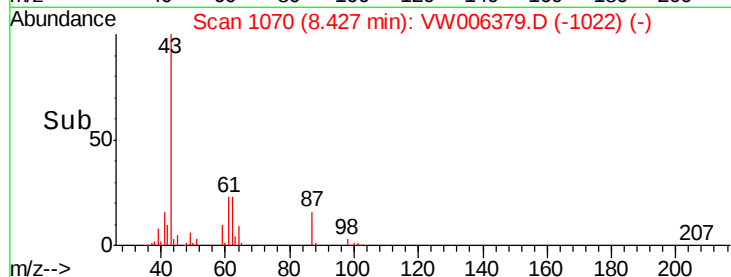
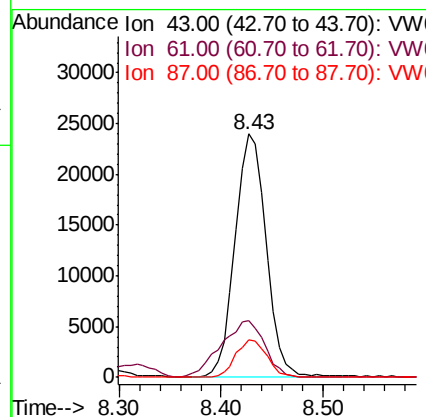
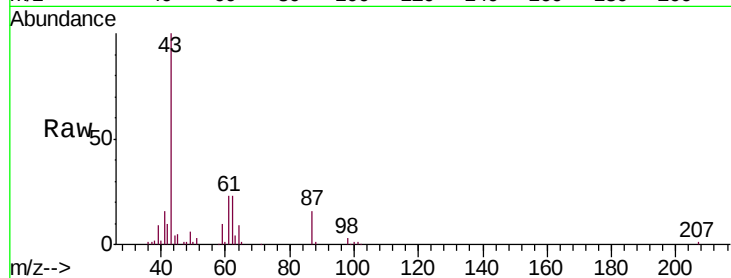
#43
Isopropyl Acetate
Concen: 22.357 ug/l
RT: 8.43 min Scan# 1070
Delta R.T. -0.01 min
Lab File: VW006379.D
Acq: 26 Oct 2018 00:51

Instrument :
MSVOA_W
ClientSampleId :
VW1027SBS01

Tgt Ion	Ratio	Lower	Upper
43	100		
61	32.5	25.5	38.3
87	15.3	11.7	17.5

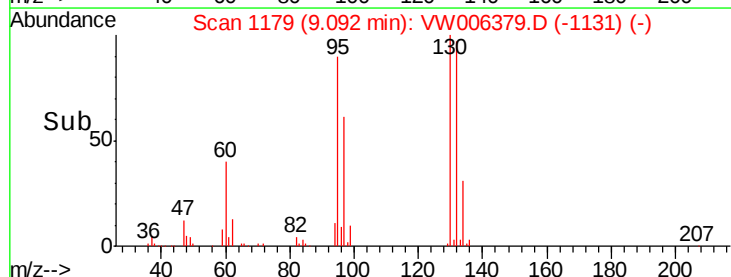
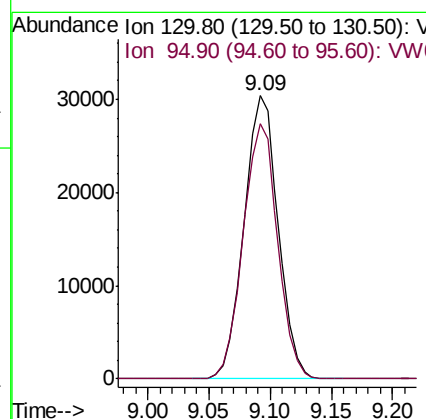
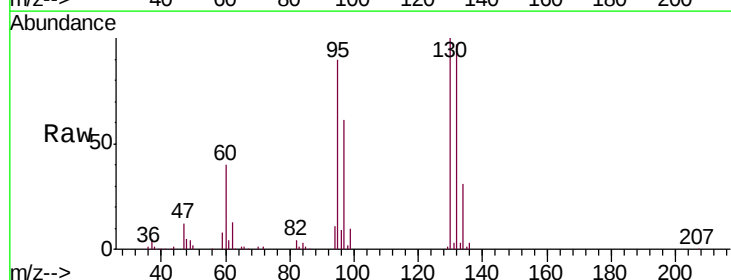
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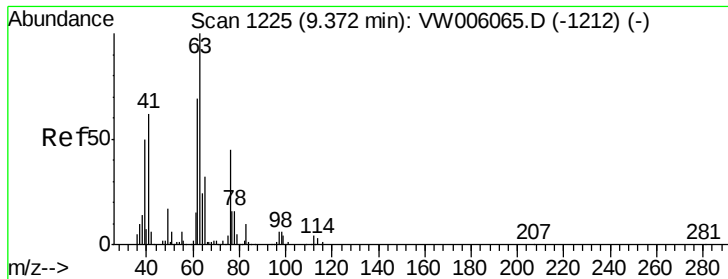
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#44
Trichloroethene
Concen: 23.293 ug/l
RT: 9.09 min Scan# 1179
Delta R.T. -0.01 min
Lab File: VW006379.D
Acq: 26 Oct 2018 00:51

Tgt Ion	Ratio	Lower	Upper
130	100		
95	90.1	0.0	183.2





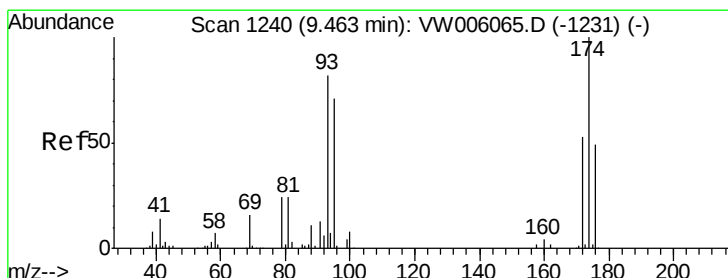
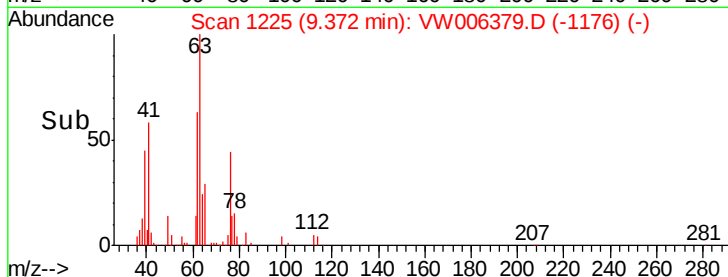
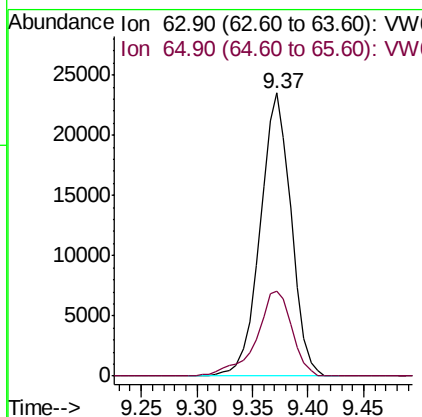
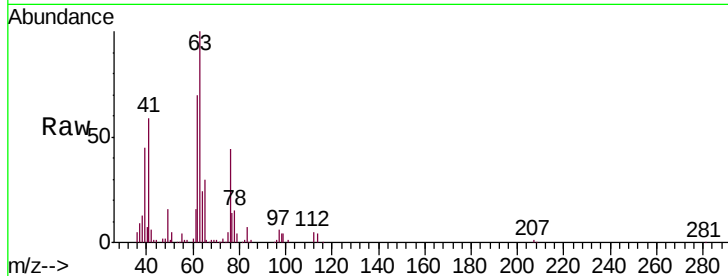
#45
 1,2-Dichloropropane
 Concen: 23.118 ug/l
 RT: 9.37 min Scan# 1225
 Delta R.T. 0.00 min
 Lab File: VW006379.D
 Acq: 26 Oct 2018 00:51

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1027SBS01

Tgt Ion: 63 Resp: 45490
 Ion Ratio Lower Upper
 63 100
 65 30.1 25.4 38.0

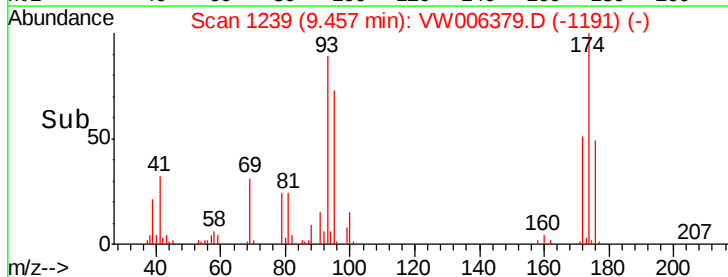
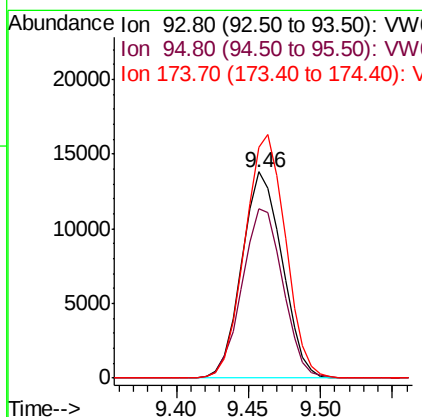
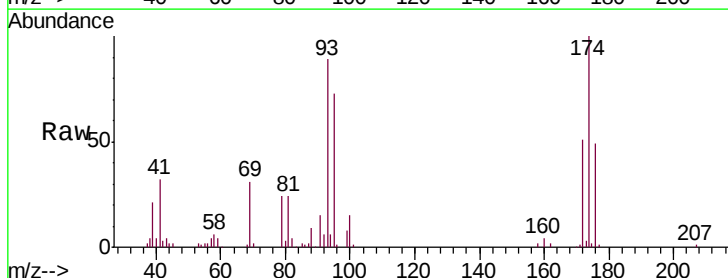
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#46
 Dibromomethane
 Concen: 23.976 ug/l
 RT: 9.46 min Scan# 1239
 Delta R.T. -0.01 min
 Lab File: VW006379.D
 Acq: 26 Oct 2018 00:51

Tgt Ion: 93 Resp: 26889
 Ion Ratio Lower Upper
 93 100
 95 82.8 67.7 101.5
 174 118.7 93.7 140.5





#47

Bromodichloromethane

Concen: 22.300 ug/l

RT: 9.65 min Scan# 1270

Delta R.T. 0.00 min

Lab File: VW006379.D

Acq: 26 Oct 2018 00:51

Instrument :

MSVOA_W

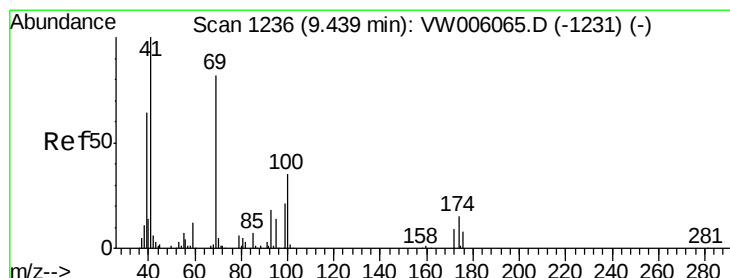
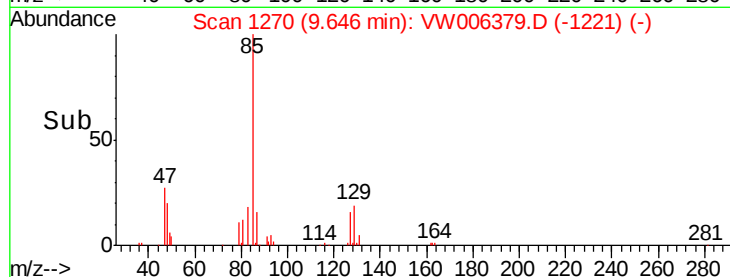
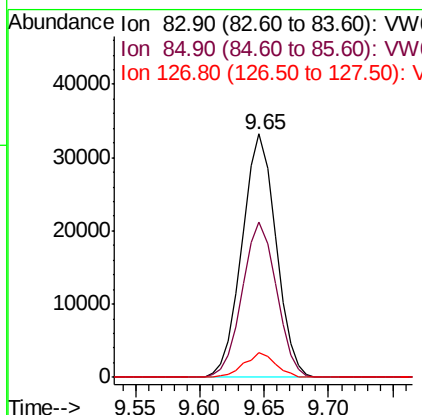
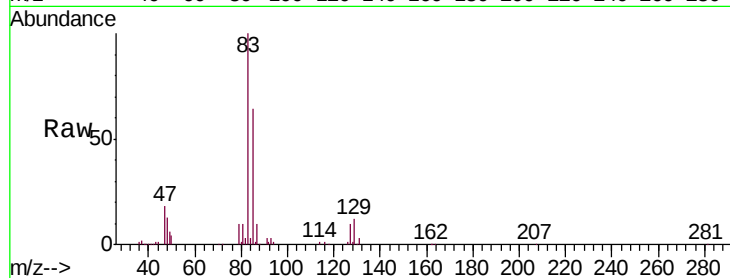
ClientSampleId :

VW1027SBS01

Tgt Ion:	83	Resp:	60634
Ion	Ratio	Lower	Upper
83	100		
85	63.6	51.8	77.8
127	10.0	6.9	10.3

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#48

Methyl methacrylate

Concen: 22.765 ug/l

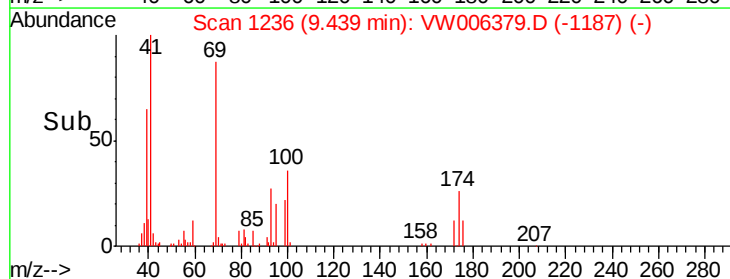
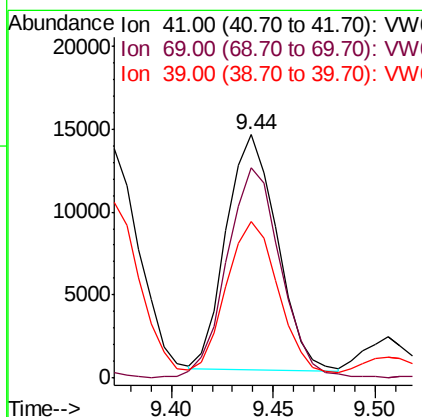
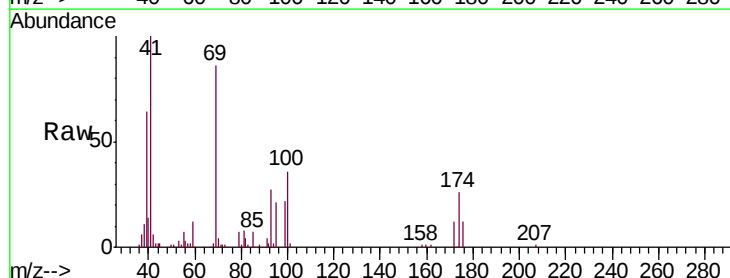
RT: 9.44 min Scan# 1236

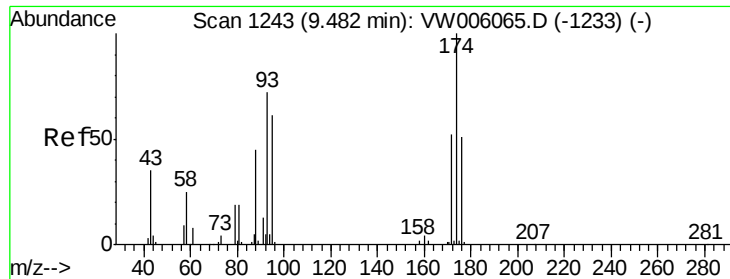
Delta R.T. 0.00 min

Lab File: VW006379.D

Acq: 26 Oct 2018 00:51

Tgt Ion:	41	Resp:	24574
Ion	Ratio	Lower	Upper
41	100		
69	94.7	71.8	107.8
39	69.5	52.5	78.7





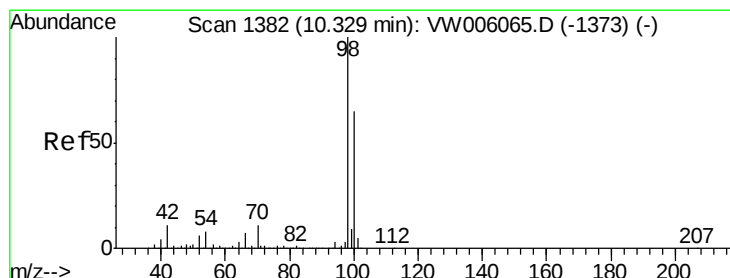
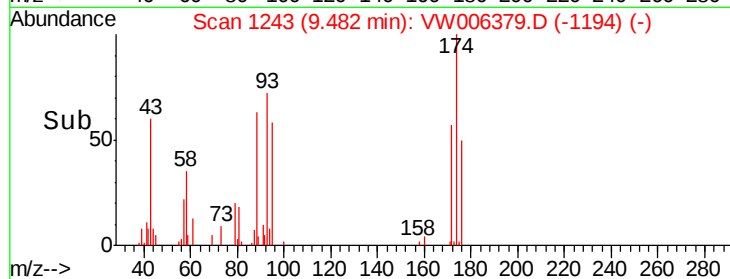
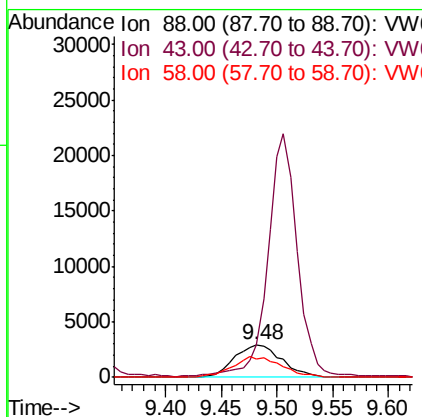
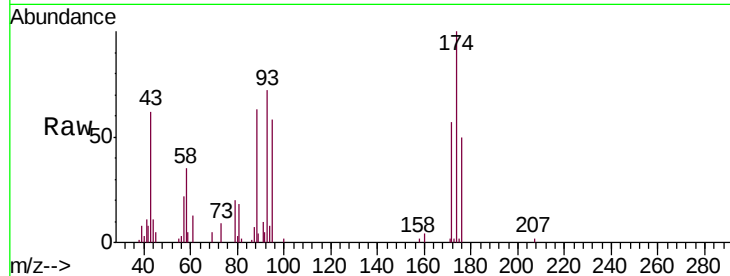
#49
1,4-Dioxane
Concen: 501.067 ug/l
RT: 9.48 min Scan# 1243
Delta R.T. 0.00 min
Lab File: VW006379.D
Acq: 26 Oct 2018 00:51

Instrument :
MSVOA_W
ClientSampleId :
VW1027SBSD01

Tgt Ion	Ratio	Lower	Upper
88	100		
43	0.0	0.0	0.0
58	65.8	51.2	76.8

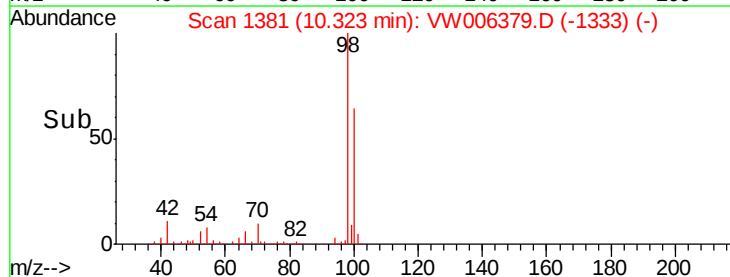
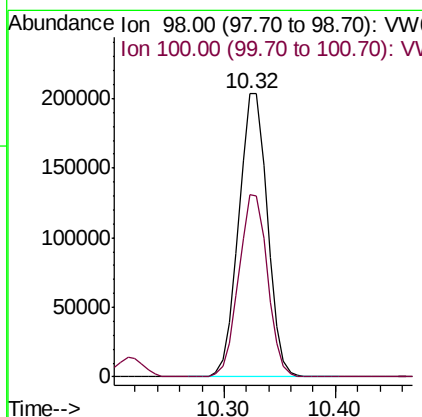
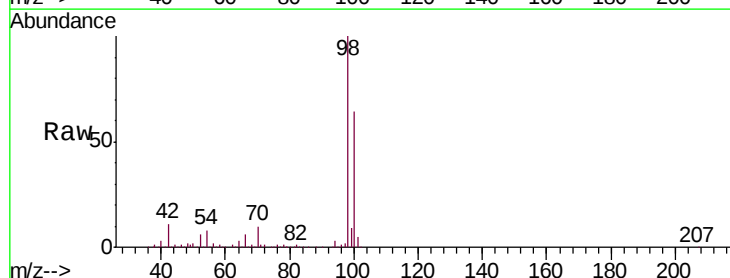
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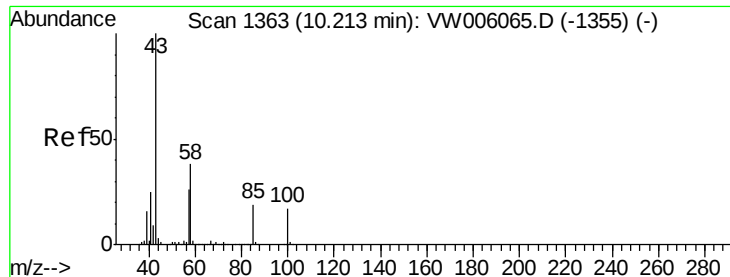
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#50
Toluene-d8
Concen: 49.857 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. -0.01 min
Lab File: VW006379.D
Acq: 26 Oct 2018 00:51

Tgt Ion	Ratio	Lower	Upper
98	100		
100	64.3	51.6	77.4





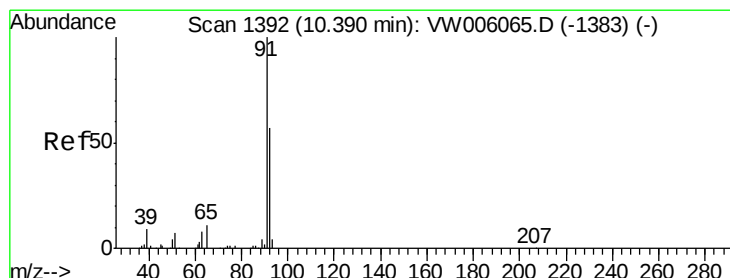
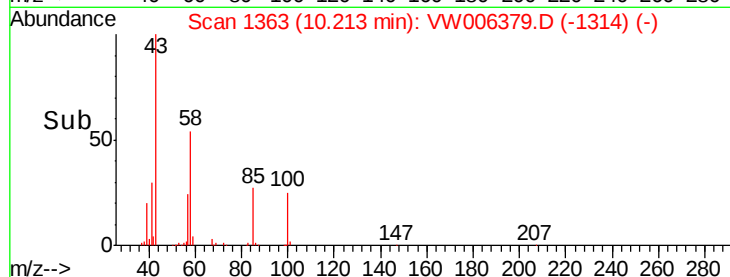
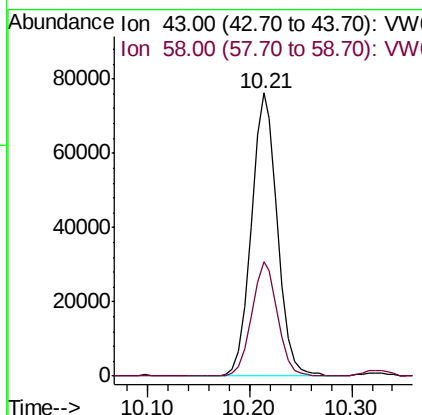
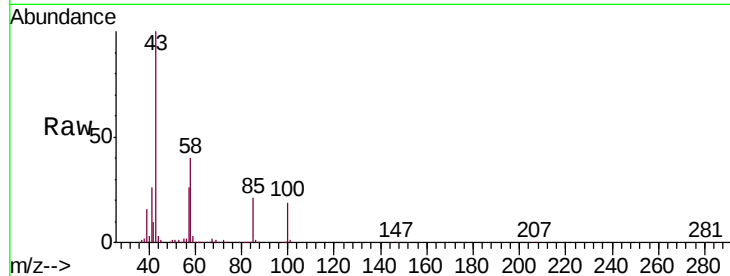
#51
 4-Methyl-2-Pentanone
 Concen: 118.841 ug/l
 RT: 10.21 min Scan# 1363
 Delta R.T. 0.00 min
 Lab File: VW006379.D
 Acq: 26 Oct 2018 00:51

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1027SBSD01

Tgt Ion: 43 Resp: 135597
 Ion Ratio Lower Upper
 43 100
 58 40.3 31.5 47.3

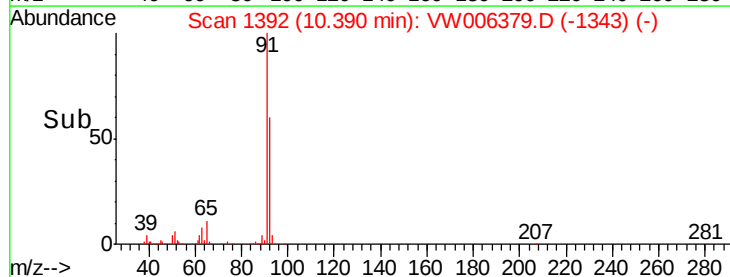
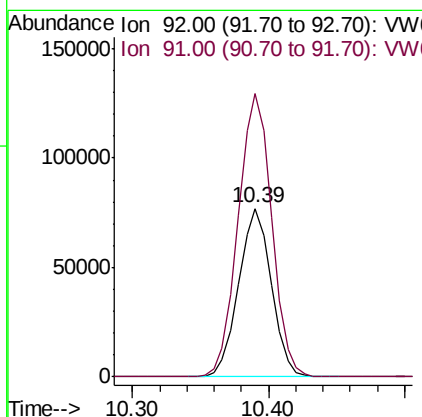
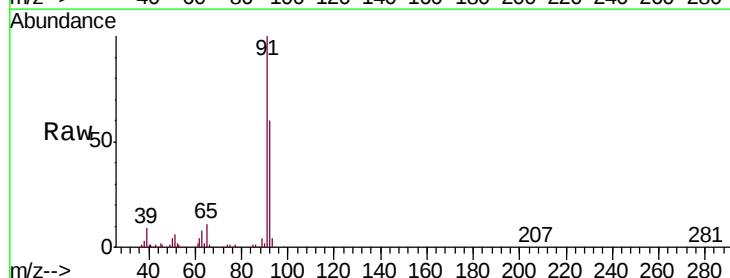
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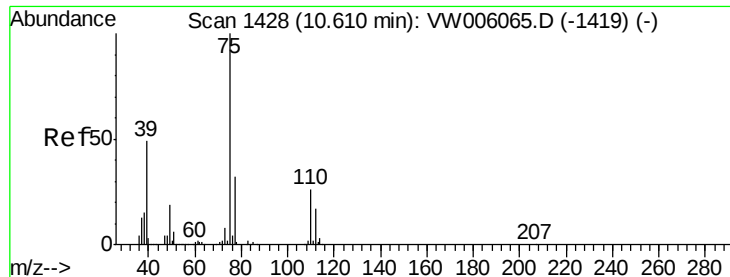
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#52
 Toluene
 Concen: 23.503 ug/l
 RT: 10.39 min Scan# 1392
 Delta R.T. 0.00 min
 Lab File: VW006379.D
 Acq: 26 Oct 2018 00:51

Tgt Ion: 92 Resp: 129568
 Ion Ratio Lower Upper
 92 100
 91 172.3 140.0 210.0





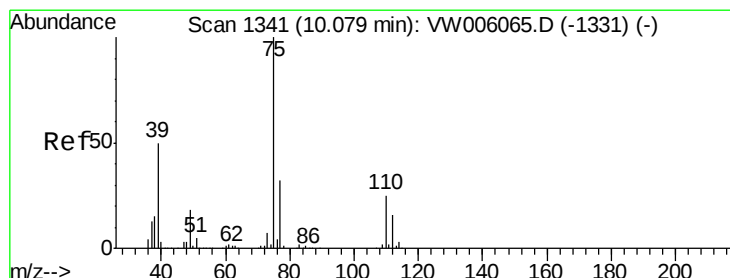
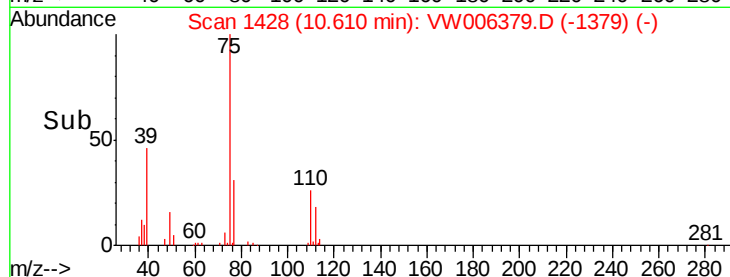
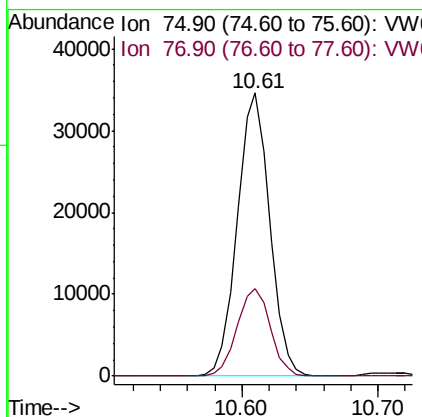
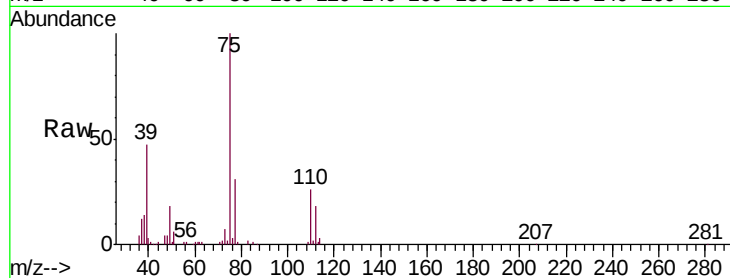
#53
t-1,3-Dichloropropene
Concen: 21.219 ug/l
RT: 10.61 min Scan# 1428
Delta R.T. 0.00 min
Lab File: VW006379.D
Acq: 26 Oct 2018 00:51

Instrument :
MSVOA_W
ClientSampleId :
VW1027SBS01

Tgt Ion: 75 Resp: 57482
Ion Ratio Lower Upper
75 100
77 31.1 25.4 38.2

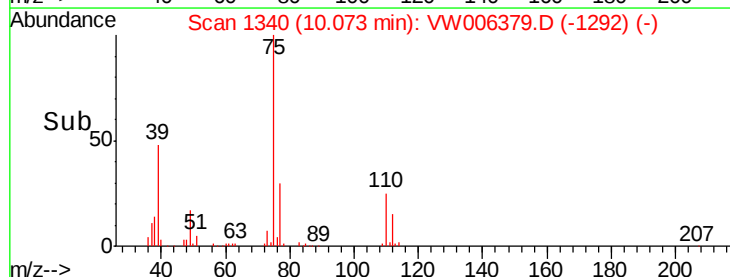
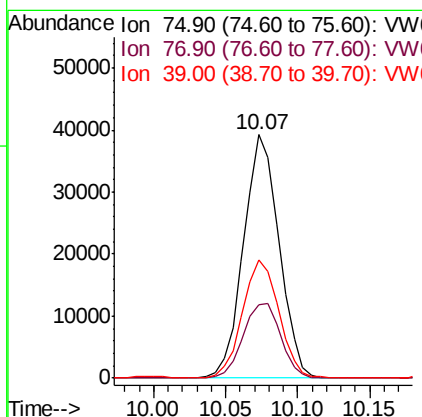
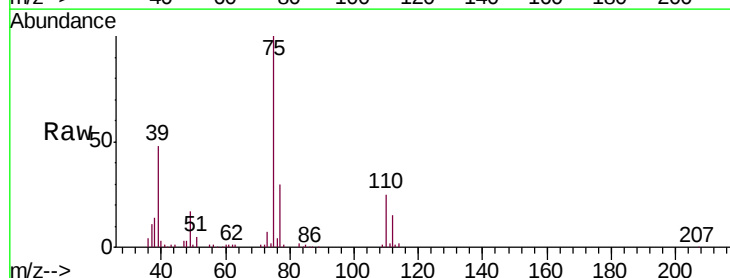
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#54
cis-1,3-Dichloropropene
Concen: 21.555 ug/l
RT: 10.07 min Scan# 1340
Delta R.T. -0.01 min
Lab File: VW006379.D
Acq: 26 Oct 2018 00:51

Tgt Ion: 75 Resp: 67019
Ion Ratio Lower Upper
75 100
77 30.4 25.2 37.8
39 48.1 39.9 59.9





#55

1,1,2-Trichloroethane

Concen: 24.275 ug/l

RT: 10.79 min Scan# 1458

Delta R.T. 0.00 min

Lab File: VW006379.D

Acq: 26 Oct 2018 00:51

Instrument :

MSVOA_W

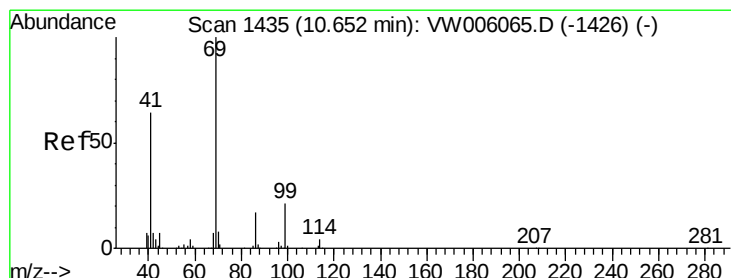
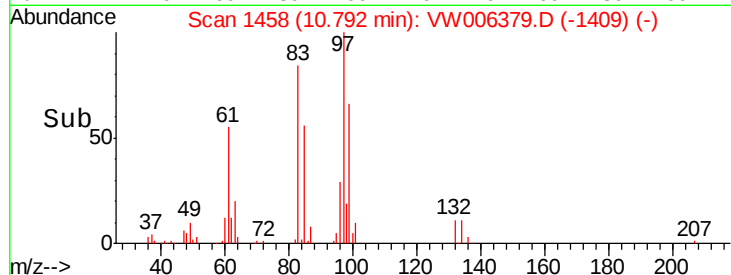
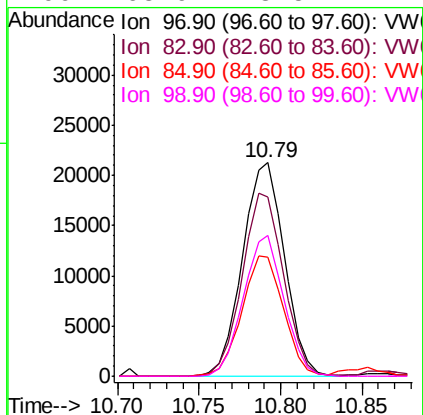
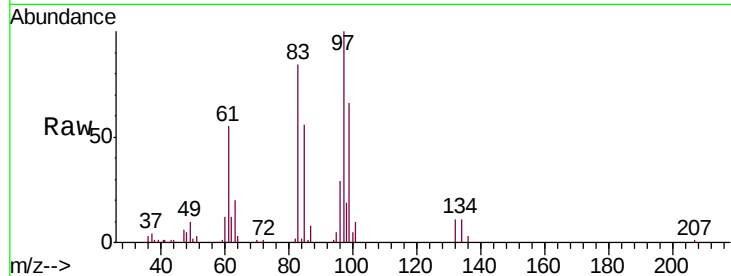
ClientSampleId :

VW1027SBS01

Tgt Ion:	97	Resp:	38097
Ion	Ratio	Lower	Upper
97	100		
83	83.7	67.2	100.8
85	55.9	43.7	65.5
99	65.9	48.5	72.7

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#56

Ethyl methacrylate

Concen: 23.378 ug/l

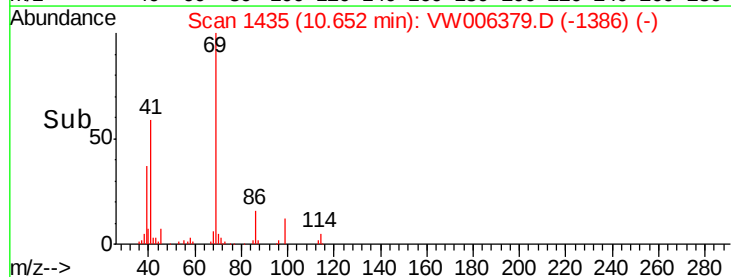
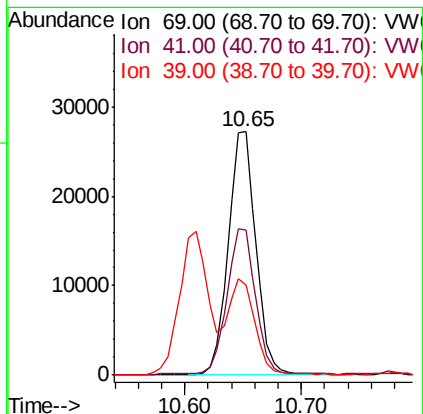
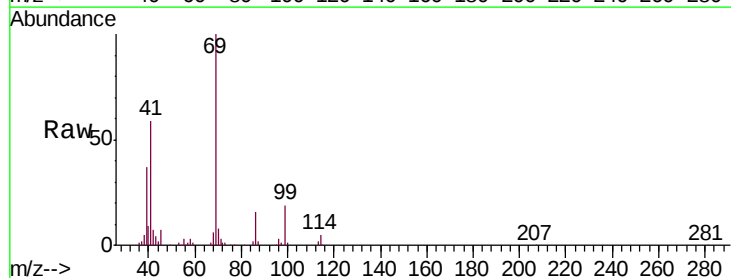
RT: 10.65 min Scan# 1435

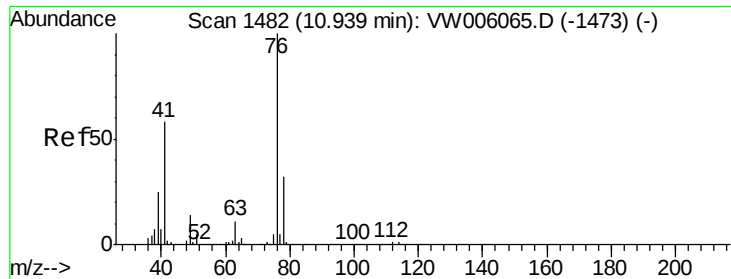
Delta R.T. 0.00 min

Lab File: VW006379.D

Acq: 26 Oct 2018 00:51

Tgt Ion:	69	Resp:	44979
Ion	Ratio	Lower	Upper
69	100		
41	60.8	52.8	79.2
39	38.7	30.6	45.8





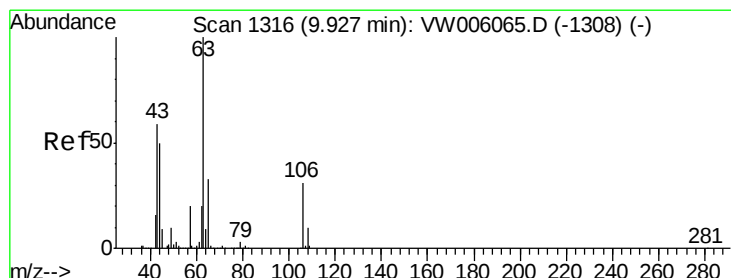
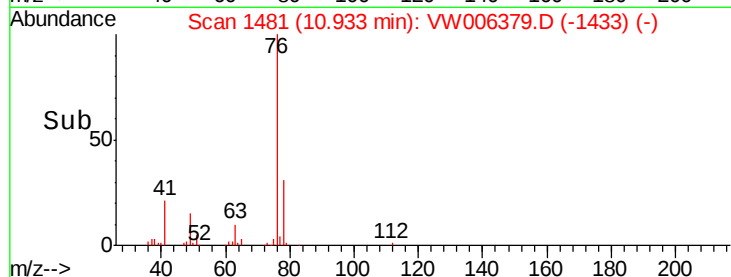
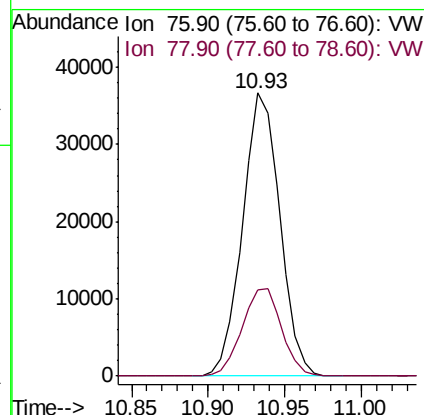
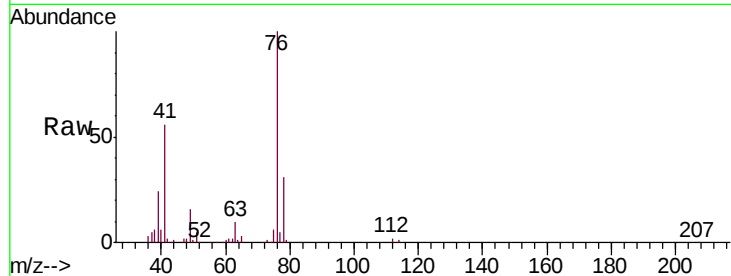
#57
 1,3-Dichloropropane
 Concen: 23.943 ug/l
 RT: 10.93 min Scan# 1481
 Delta R.T. -0.01 min
 Lab File: VW006379.D
 Acq: 26 Oct 2018 00:51

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1027SBS01

Tgt Ion: 76 Resp: 62204
 Ion Ratio Lower Upper
 76 100
 78 32.6 25.9 38.9

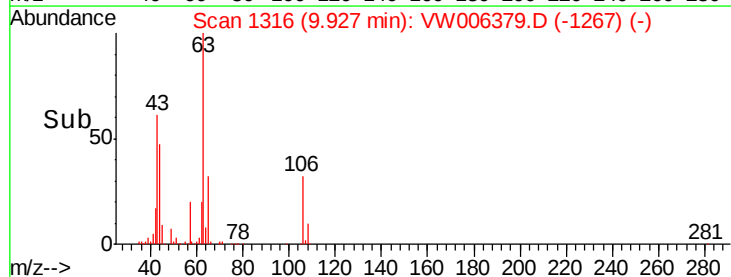
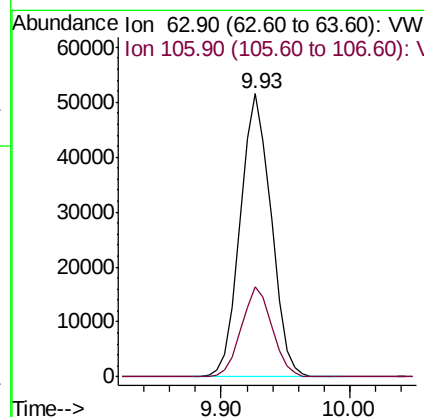
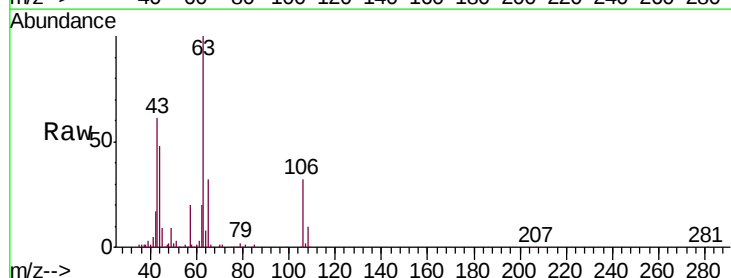
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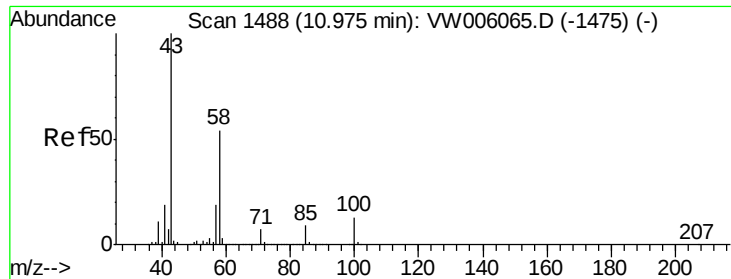
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#58
 2-Chloroethyl Vinyl ether
 Concen: 116.703 ug/l
 RT: 9.93 min Scan# 1316
 Delta R.T. 0.00 min
 Lab File: VW006379.D
 Acq: 26 Oct 2018 00:51

Tgt Ion: 63 Resp: 85797
 Ion Ratio Lower Upper
 63 100
 106 31.4 24.5 36.7





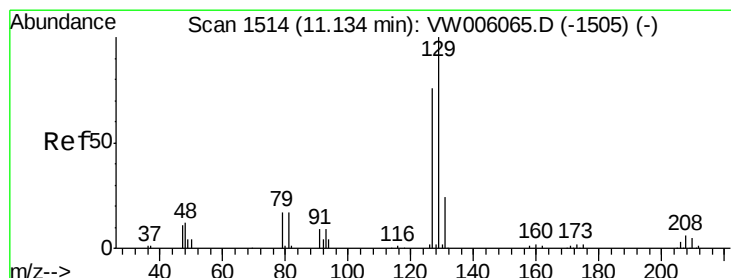
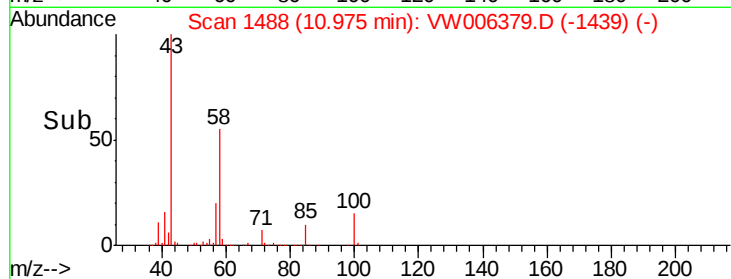
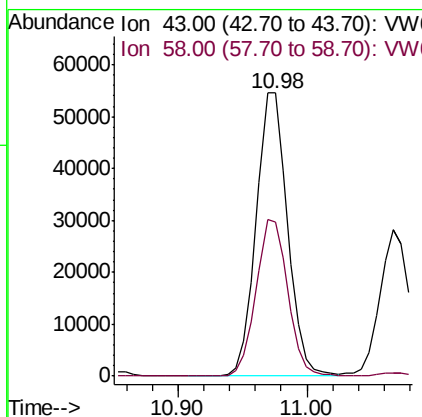
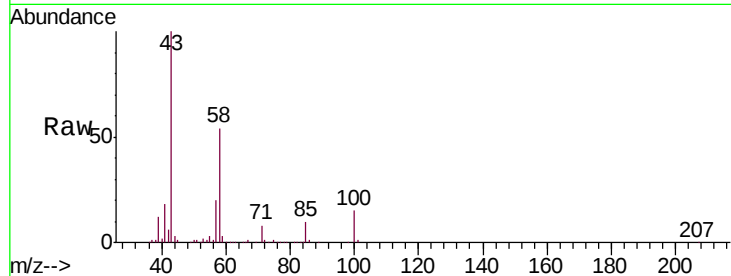
#59
2-Hexanone
Concen: 112.751 ug/l
RT: 10.98 min Scan# 1488
Delta R.T. 0.00 min
Lab File: VW006379.D
Acq: 26 Oct 2018 00:51

Instrument :
MSVOA_W
ClientSampleId :
VW1027SBSD01

Tgt Ion: 43 Resp: 91834
Ion Ratio Lower Upper
43 100
58 55.9 26.9 80.6

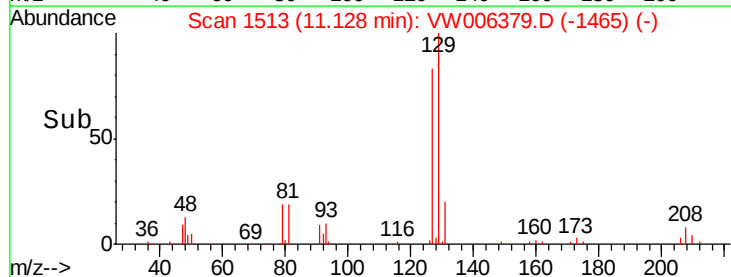
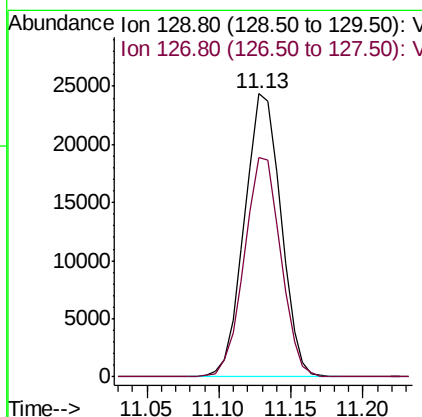
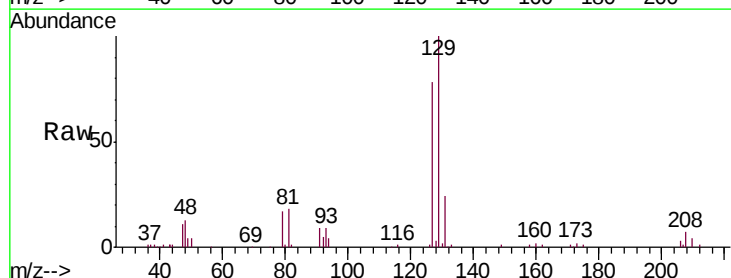
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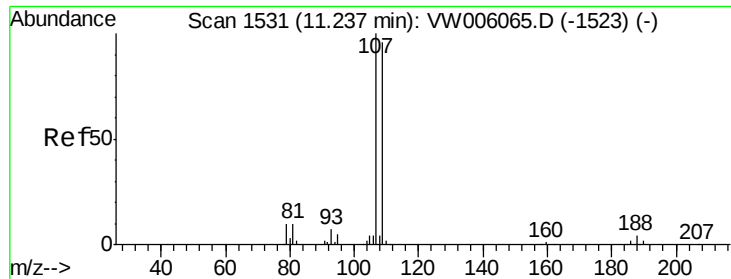
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#60
Dibromochloromethane
Concen: 21.897 ug/l
RT: 11.13 min Scan# 1513
Delta R.T. -0.01 min
Lab File: VW006379.D
Acq: 26 Oct 2018 00:51

Tgt Ion: 129 Resp: 42805
Ion Ratio Lower Upper
129 100
127 77.3 38.6 115.7





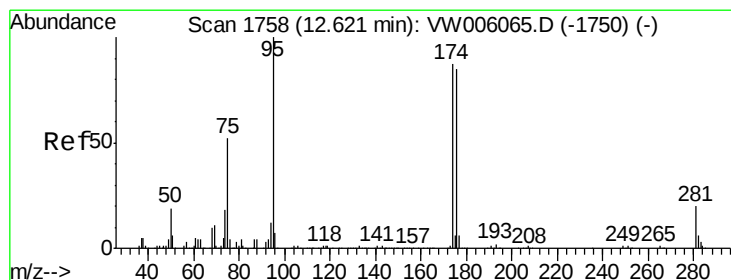
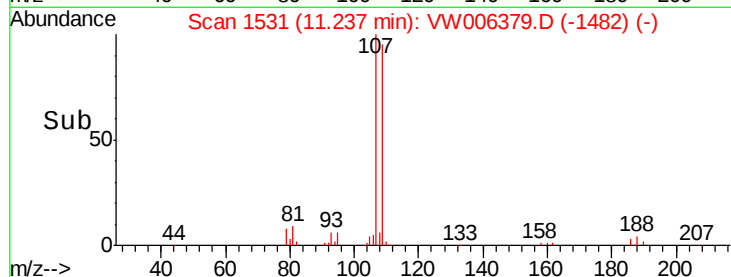
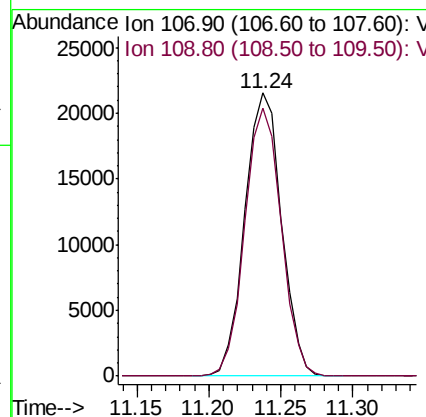
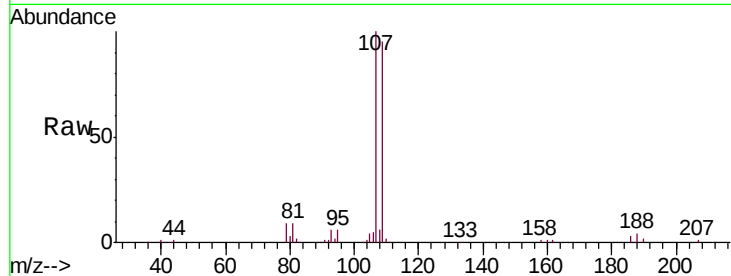
#61
 1,2-Dibromoethane
 Concen: 24.226 ug/l
 RT: 11.24 min Scan# 1531
 Delta R.T. 0.00 min
 Lab File: VW006379.D
 Acq: 26 Oct 2018 00:51

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1027SBSD01

Tgt Ion: 107 Resp: 37989
 Ion Ratio Lower Upper
 107 100
 109 93.9 76.3 114.5

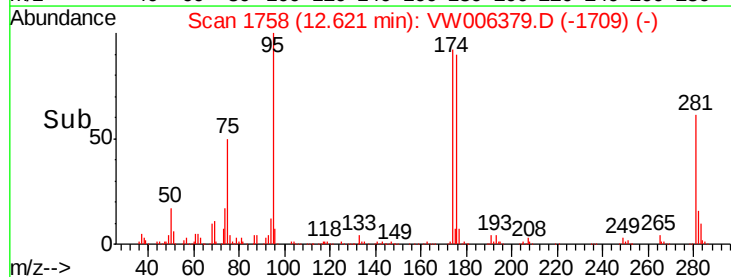
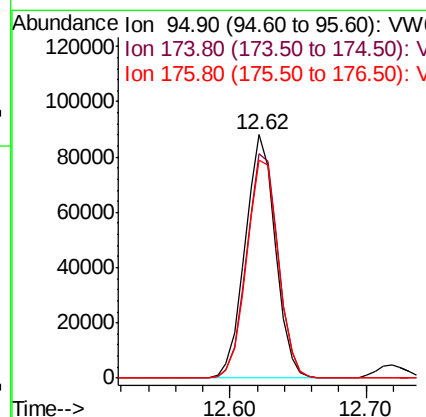
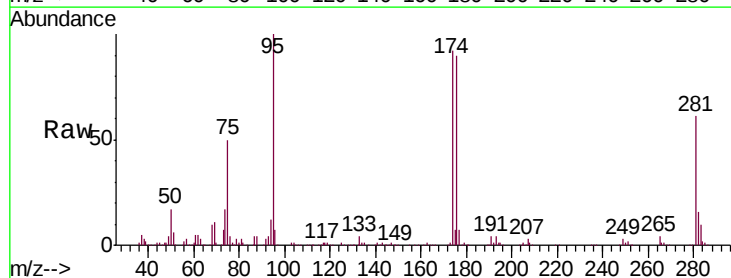
Manual Integrations
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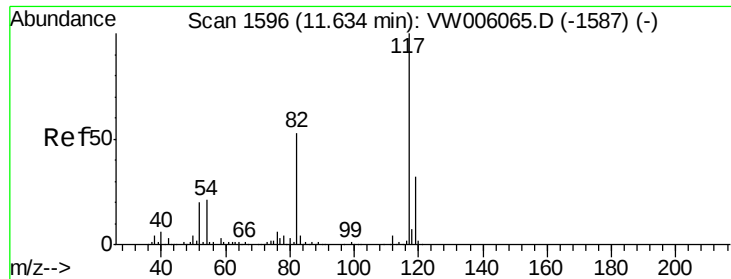
apatel
 10/26/2018 11:51:31 AM



#62
 4-Bromofluorobenzene
 Concen: 49.905 ug/l
 RT: 12.62 min Scan# 1758
 Delta R.T. 0.00 min
 Lab File: VW006379.D
 Acq: 26 Oct 2018 00:51

Tgt Ion: 95 Resp: 137045
 Ion Ratio Lower Upper
 95 100
 174 96.0 0.0 186.0
 176 93.5 0.0 181.6





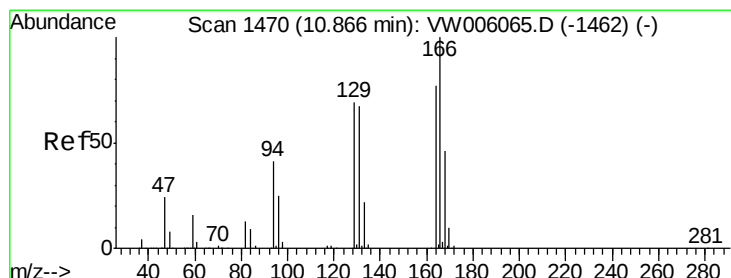
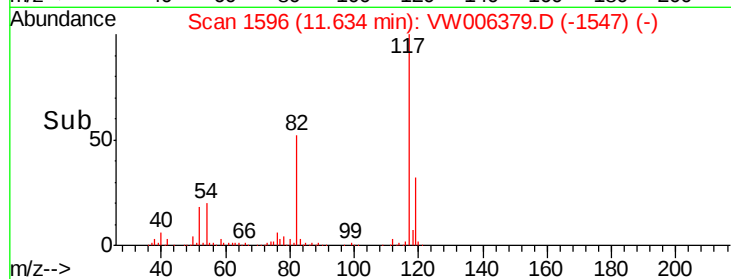
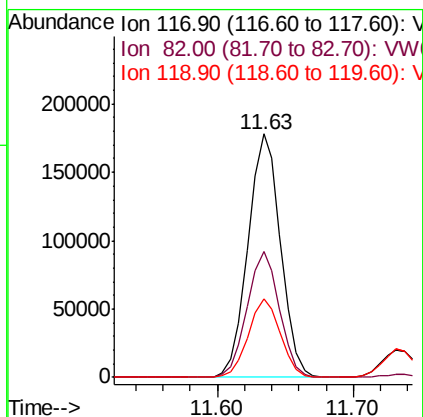
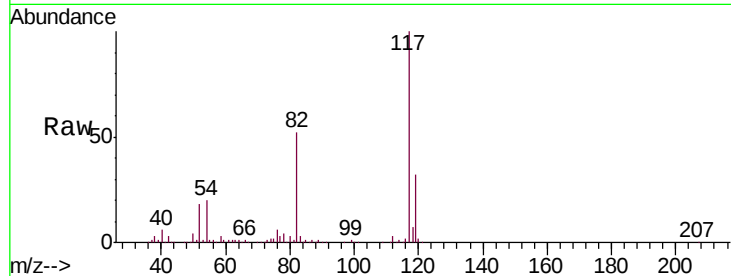
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.00 min
Lab File: VW006379.D
Acq: 26 Oct 2018 00:51

Instrument :
MSVOA_W
ClientSampleId :
VW1027SBSD01

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	297716		
82	51.5	42.1	63.1	
119	32.4	25.8	38.6	

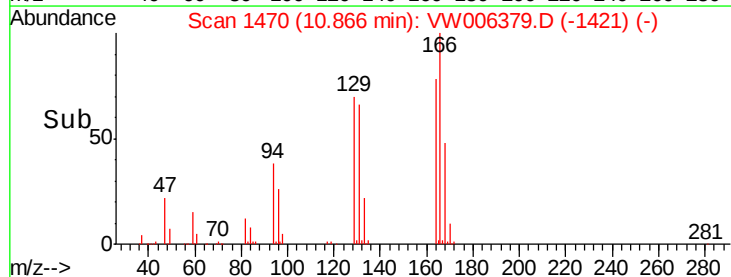
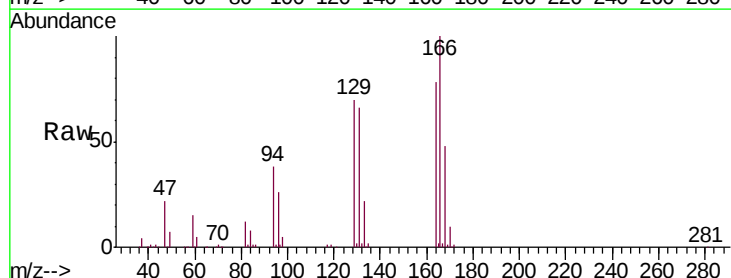
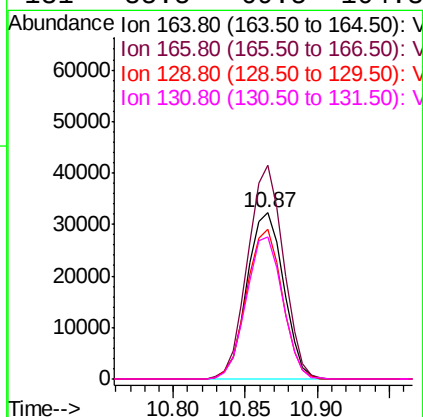
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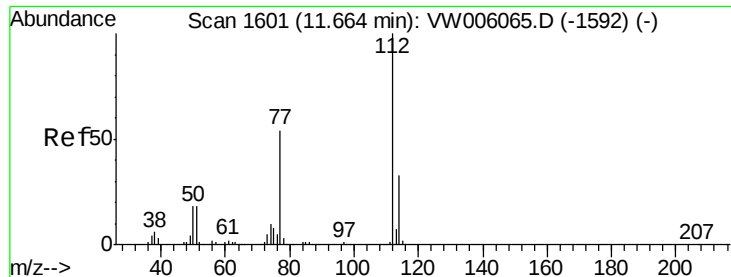
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#64
Tetrachloroethene
Concen: 24.520 ug/l
RT: 10.87 min Scan# 1470
Delta R.T. 0.00 min
Lab File: VW006379.D
Acq: 26 Oct 2018 00:51

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	56670		
166	128.8	103.4	155.0	
129	90.7	71.8	107.8	
131	85.5	69.5	104.3	





#65

Chlorobenzene

Concen: 23.885 ug/l

RT: 11.66 min Scan# 1600

Delta R.T. -0.01 min

Lab File: VW006379.D

Acq: 26 Oct 2018 00:51

Instrument :

MSVOA_W

ClientSampleId :

VW1027SBSD01

Tgt Ion:112 Resp: 152225

Ion Ratio Lower Upper

112 100

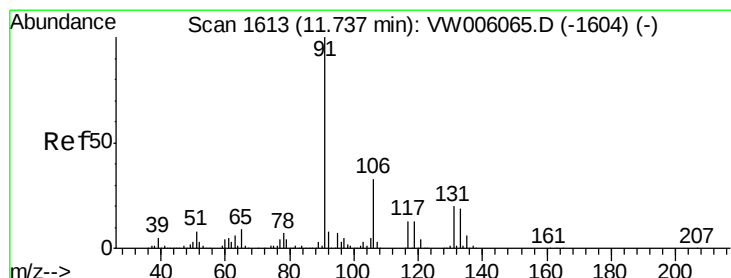
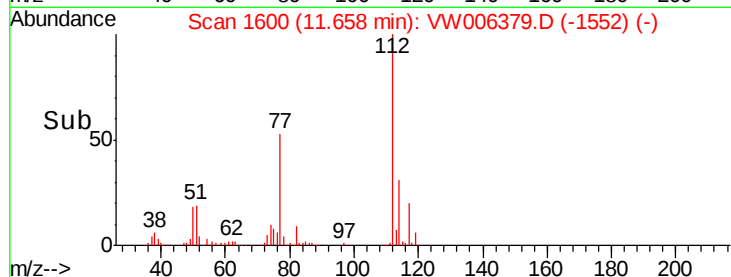
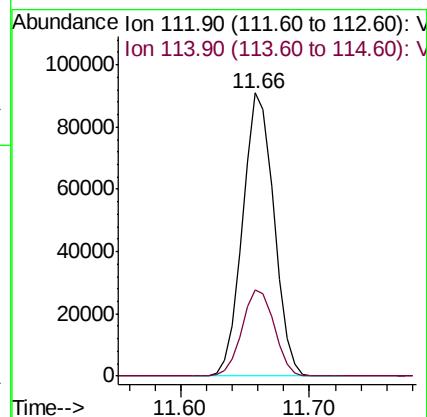
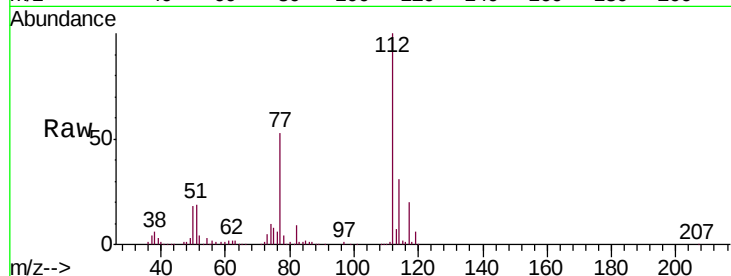
114 30.5 26.2 39.2

Manual Integrations

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#66

1,1,1,2-Tetrachloroethane

Concen: 22.579 ug/l

RT: 11.73 min Scan# 1612

Delta R.T. -0.01 min

Lab File: VW006379.D

Acq: 26 Oct 2018 00:51

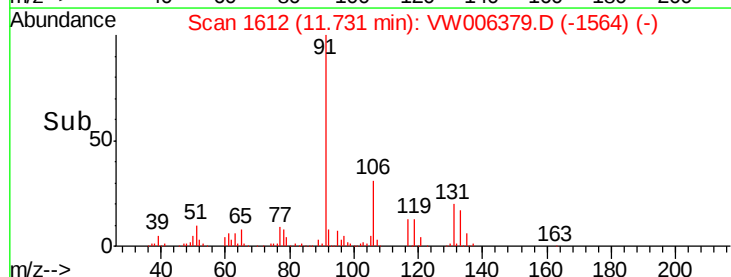
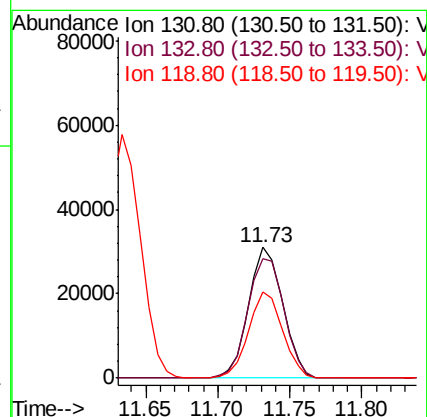
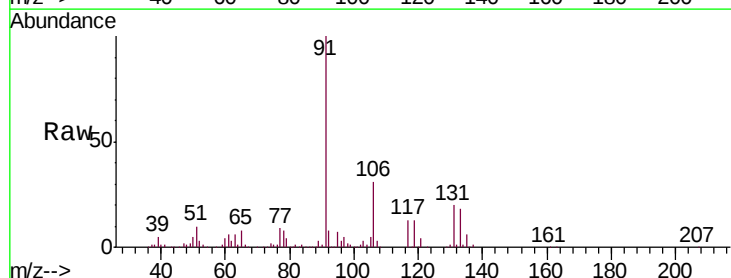
Tgt Ion:131 Resp: 51140

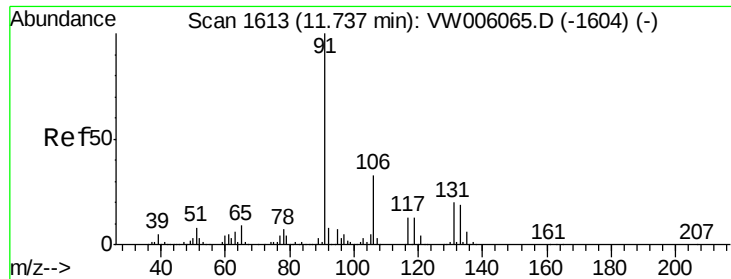
Ion Ratio Lower Upper

131 100

133 96.9 48.1 144.3

119 65.6 31.6 94.7





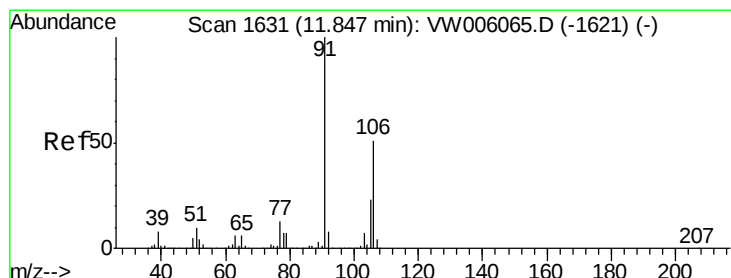
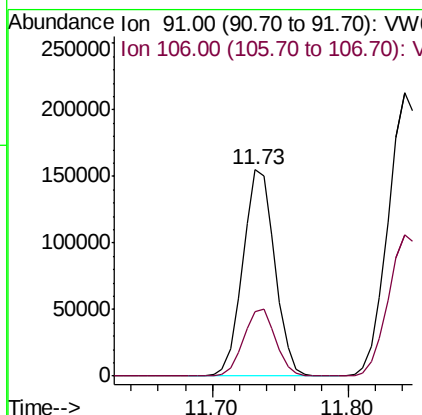
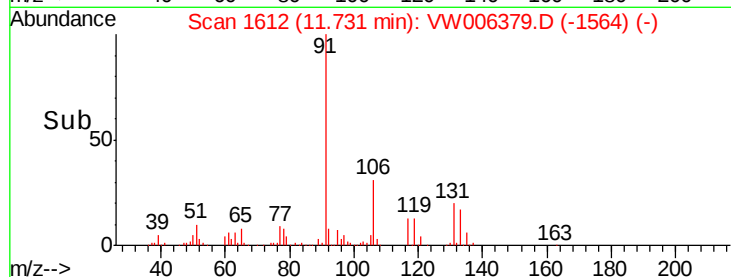
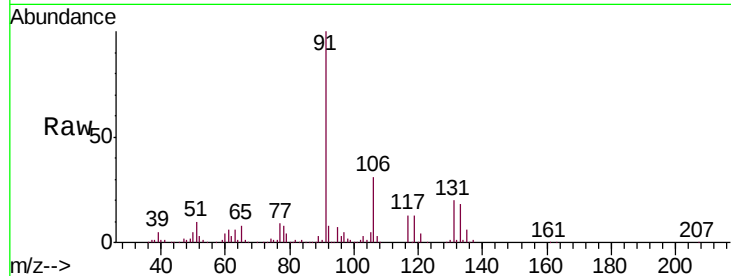
#67
Ethyl Benzene
Concen: 23.058 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. -0.01 min
Lab File: VW006379.D
Acq: 26 Oct 2018 00:51

Instrument :
MSVOA_W
ClientSampleId :
VW1027SBS01

Tgt Ion: 91 Resp: 254673
Ion Ratio Lower Upper
91 100
106 31.4 26.1 39.1

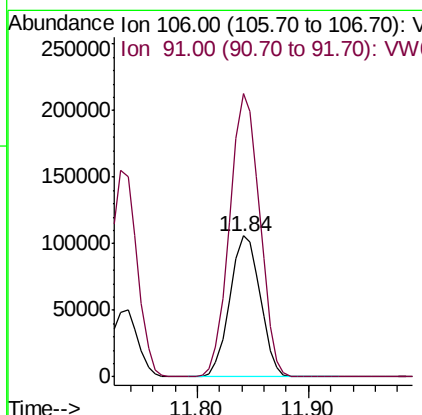
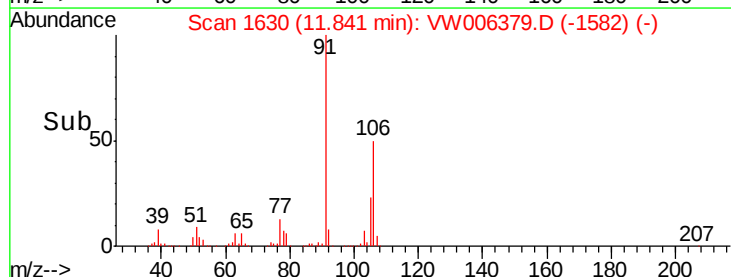
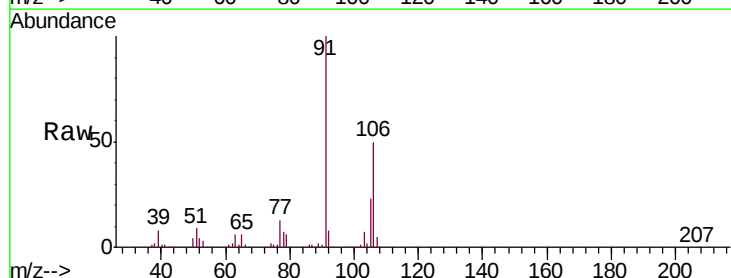
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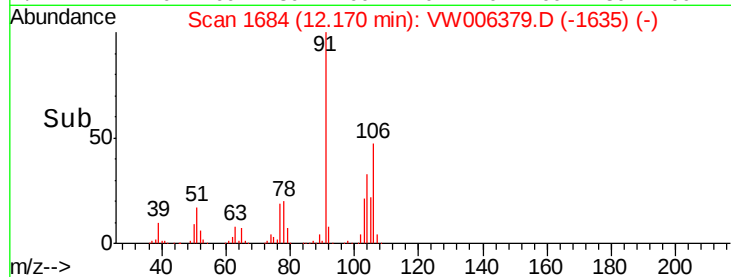
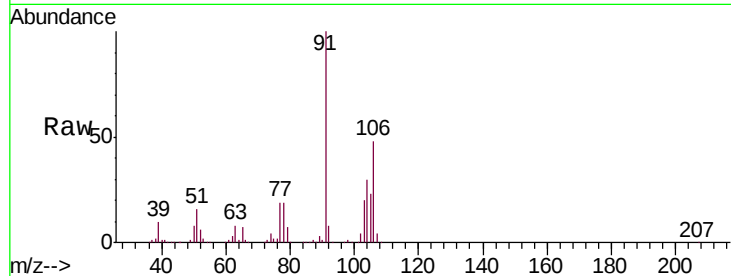
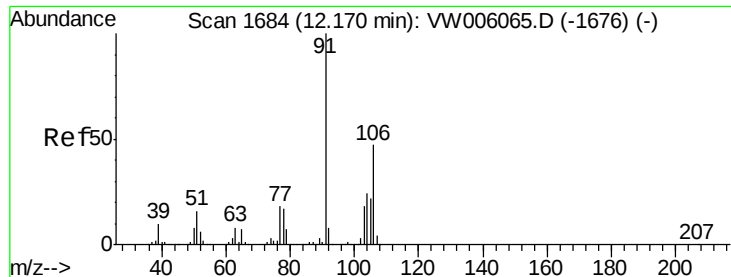
apatel
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#68
m/p-Xylenes
Concen: 45.975 ug/l
RT: 11.84 min Scan# 1630
Delta R.T. -0.01 min
Lab File: VW006379.D
Acq: 26 Oct 2018 00:51

Tgt Ion: 106 Resp: 200707
Ion Ratio Lower Upper
106 100
91 198.7 159.1 238.7





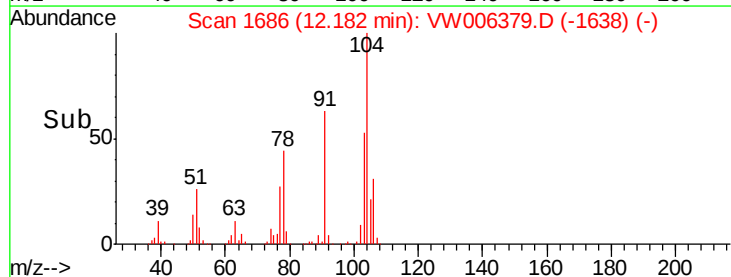
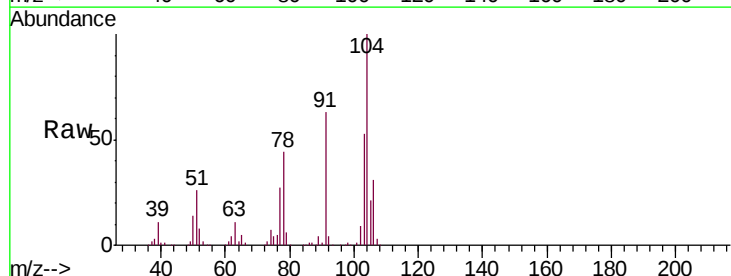
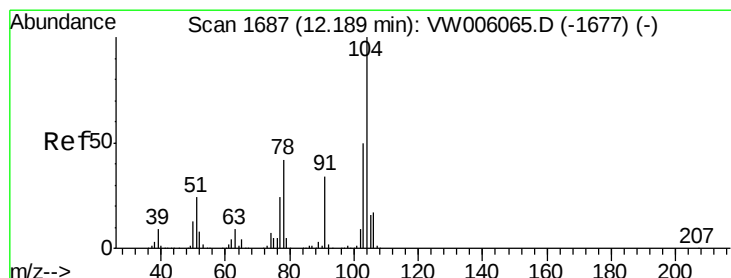
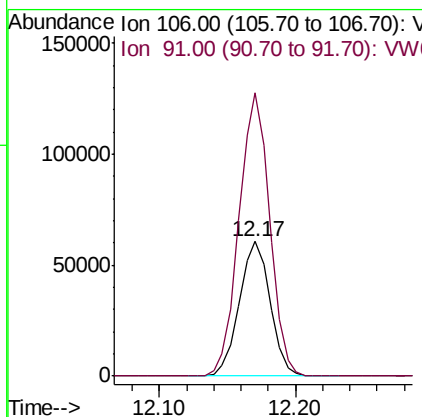
#69
o-Xylene
Concen: 23.058 ug/l
RT: 12.17 min Scan# 1684
Delta R.T. 0.00 min
Lab File: VW006379.D
Acq: 26 Oct 2018 00:51

Tgt Ion:106 Resp: 95933
Ion Ratio Lower Upper
106 100
91 209.4 105.4 316.1

Instrument :
MSVOA_W
ClientSampleId :
VW1027SBSD01

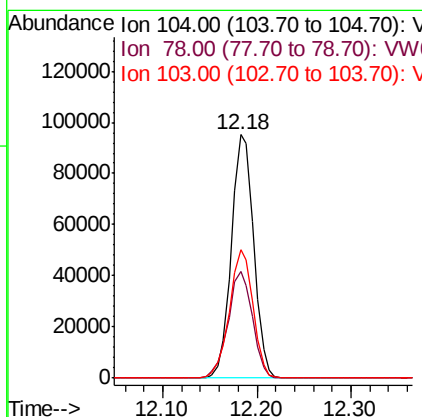
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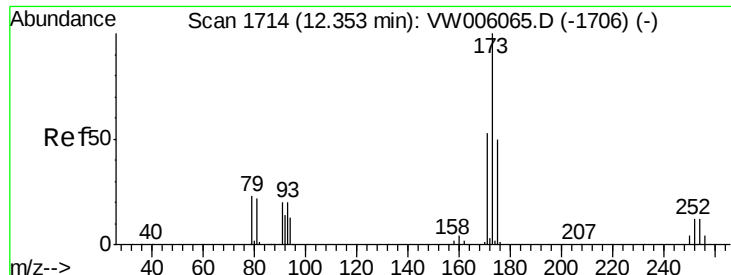
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#70
Styrene
Concen: 23.154 ug/l
RT: 12.18 min Scan# 1686
Delta R.T. -0.01 min
Lab File: VW006379.D
Acq: 26 Oct 2018 00:51

Tgt Ion:104 Resp: 156653
Ion Ratio Lower Upper
104 100
78 47.7 39.1 58.7
103 55.4 44.3 66.5





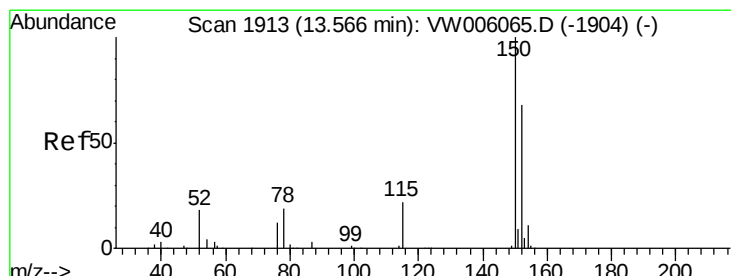
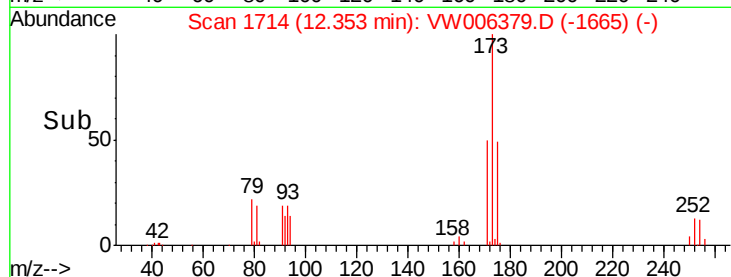
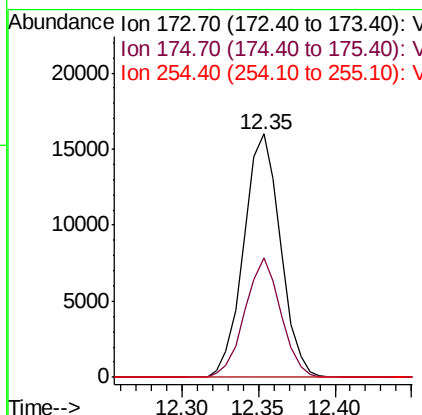
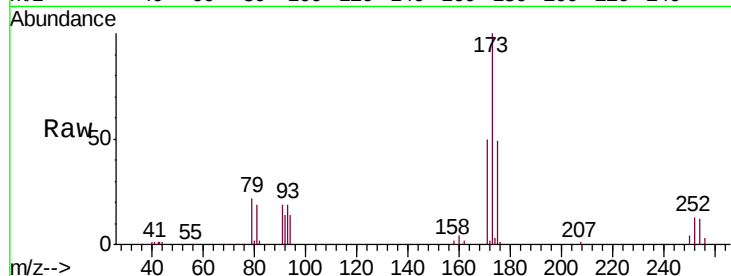
#71
Bromoform
Concen: 21.128 ug/l
RT: 12.35 min Scan# 1714
Delta R.T. 0.00 min
Lab File: VW006379.D
Acq: 26 Oct 2018 00:51

Instrument :
MSVOA_W
ClientSampleId :
VW1027SBSD01

Tgt Ion	Ratio	Lower	Upper
173	100		
175	47.9	24.2	72.6
254	0.0	0.1	0.1#

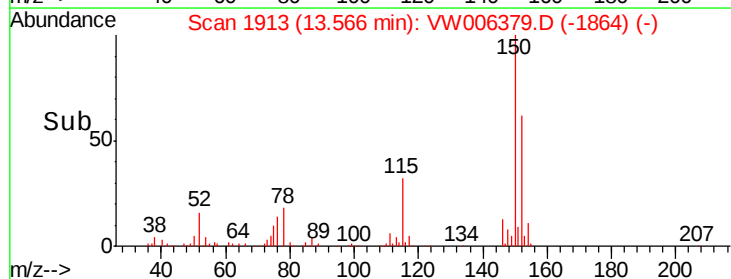
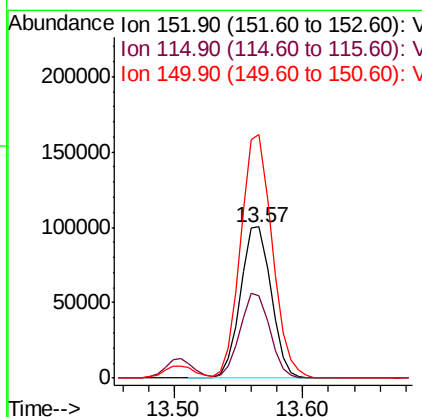
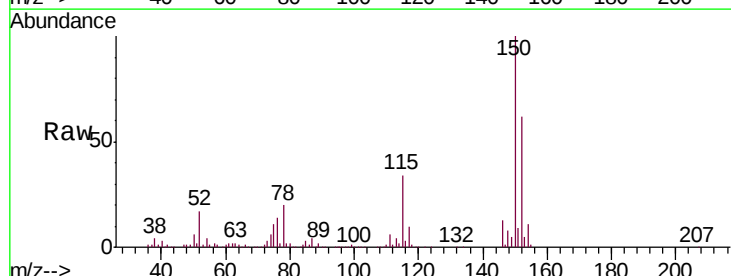
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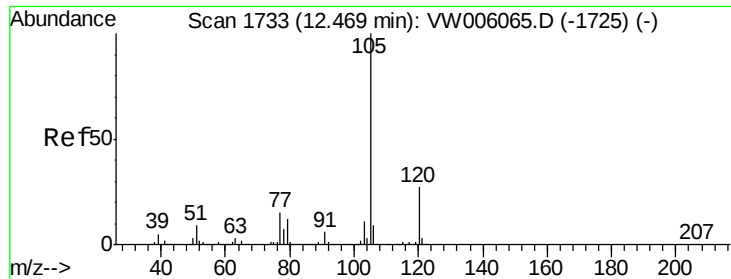
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#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.57 min Scan# 1913
Delta R.T. 0.00 min
Lab File: VW006379.D
Acq: 26 Oct 2018 00:51

Tgt Ion	Ratio	Lower	Upper
152	100		
115	54.8	27.8	83.3
150	165.8	0.0	349.2





#73

Isopropylbenzene

Concen: 22.984 ug/l

RT: 12.47 min Scan# 1733

Delta R.T. 0.00 min

Lab File: VW006379.D

Acq: 26 Oct 2018 00:51

Instrument :

MSVOA_W

ClientSampleId :

VW1027SBS01

Tgt Ion: 105 Resp: 267887

Ion Ratio Lower Upper

105 100

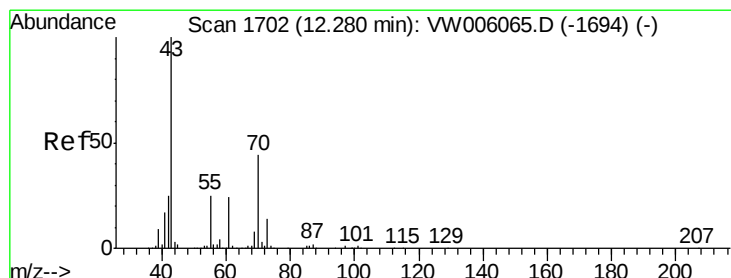
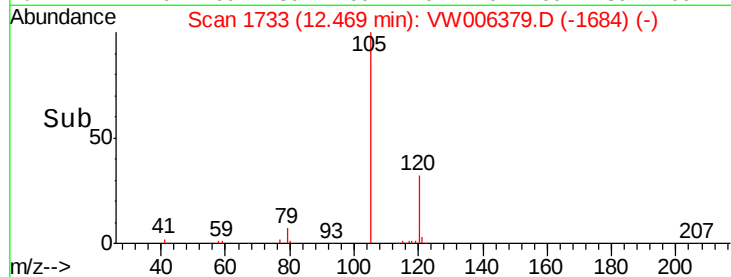
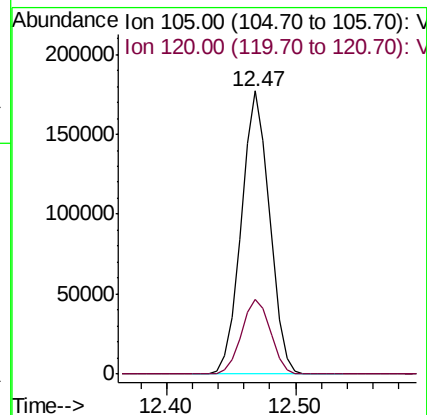
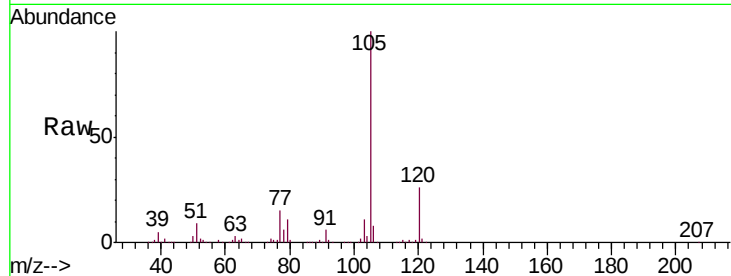
120 27.2 13.6 40.7

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#74

N-ethyl acetate

Concen: 22.033 ug/l

RT: 12.28 min Scan# 1702

Delta R.T. 0.00 min

Lab File: VW006379.D

Acq: 26 Oct 2018 00:51

Tgt Ion: 43 Resp: 49877

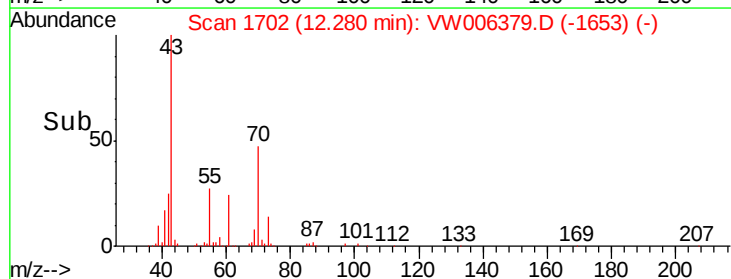
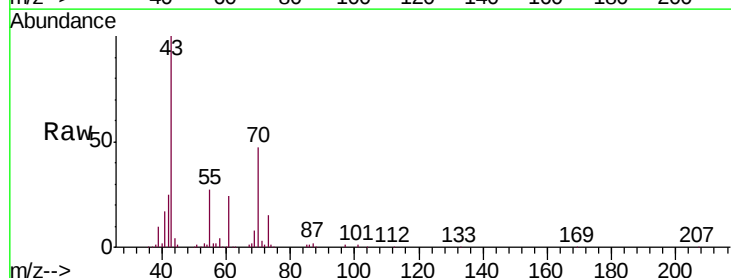
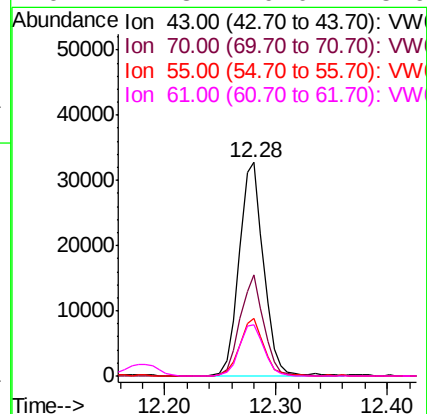
Ion Ratio Lower Upper

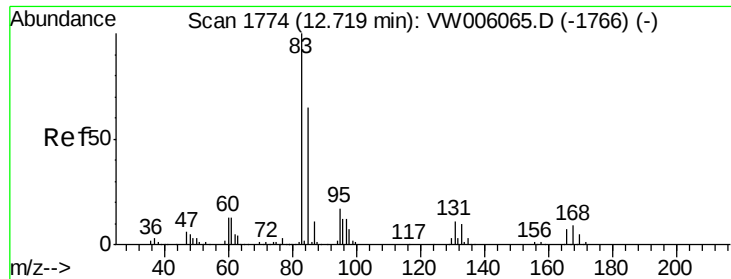
43 100

70 45.4 34.2 51.4

55 26.2 19.2 28.8

61 24.3 19.0 28.6





#75

1,1,2,2-Tetrachloroethane

Concen: 25.110 ug/l

RT: 12.72 min Scan# 1774

Delta R.T. 0.00 min

Lab File: VW006379.D

Acq: 26 Oct 2018 00:51

Instrument :

MSVOA_W

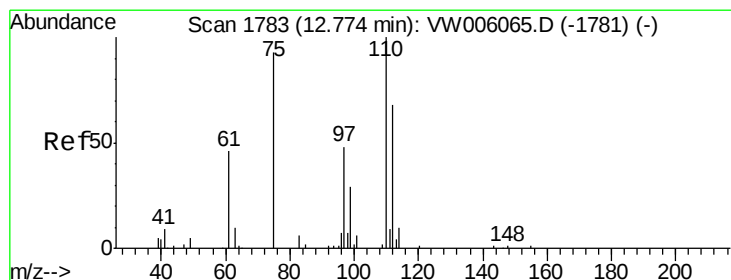
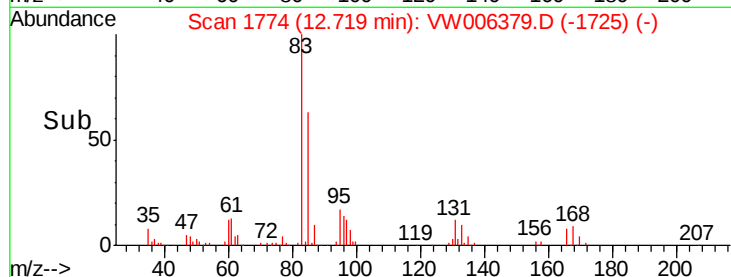
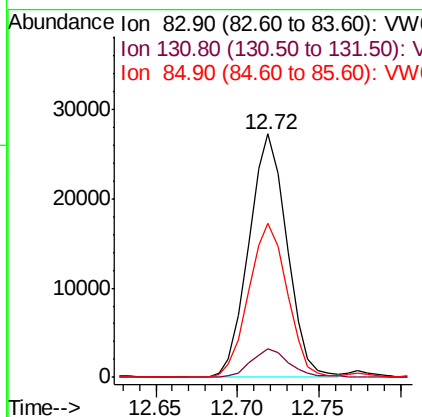
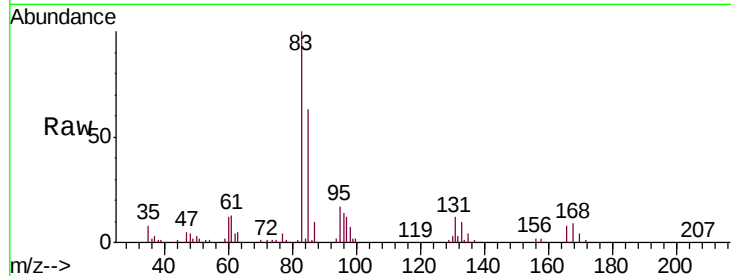
ClientSampleId :

VW1027SBSD01

Tgt Ion:	83	Resp:	44513
Ion Ratio	Lower	Upper	
83	100		
131	12.0	5.9	17.7
85	63.8	31.9	95.9

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#76

1,2,3-Trichloropropane

Concen: 26.231 ug/l m

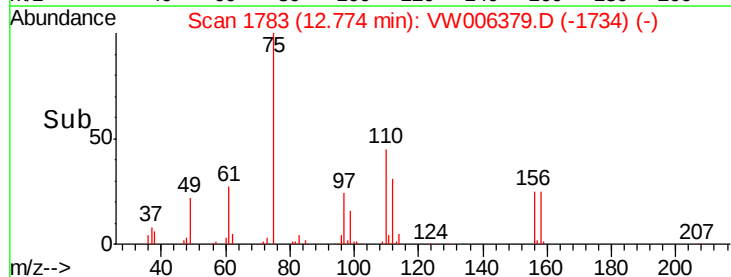
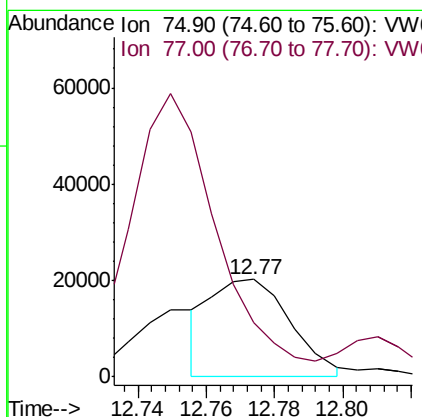
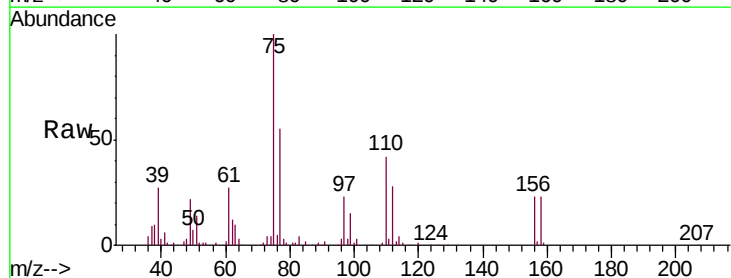
RT: 12.77 min Scan# 1783

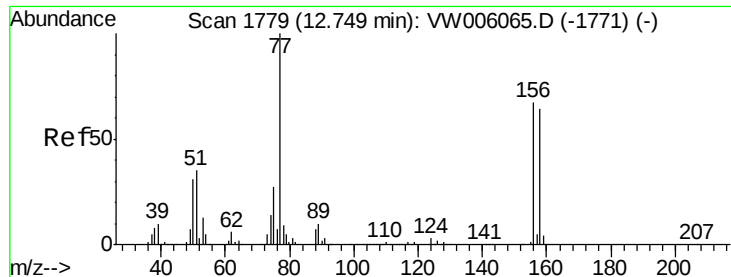
Delta R.T. 0.00 min

Lab File: VW006379.D

Acq: 26 Oct 2018 00:51

Tgt Ion:	75	Resp:	33054
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





#77

Bromobenzene

Concen: 23.890 ug/l

RT: 12.75 min Scan# 1779

Delta R.T. 0.00 min

Lab File: VW006379.D

Acq: 26 Oct 2018 00:51

Instrument :

MSVOA_W

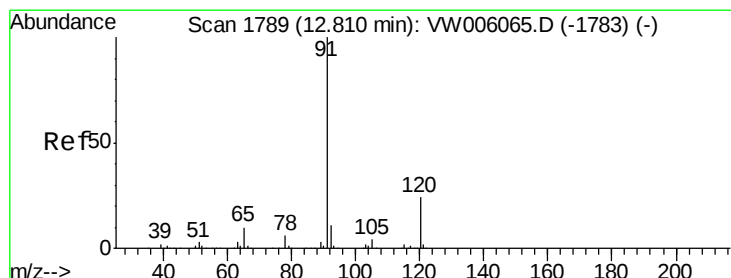
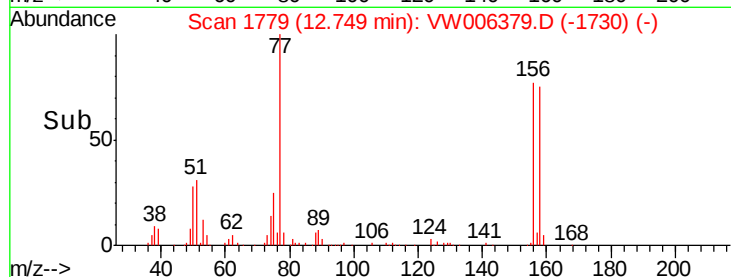
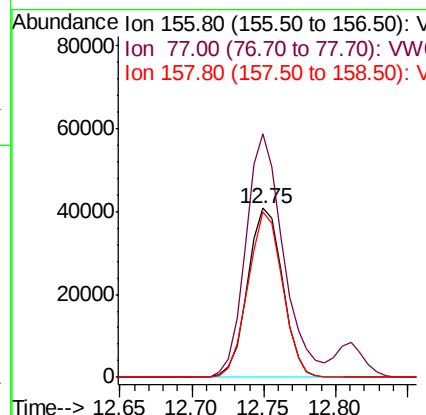
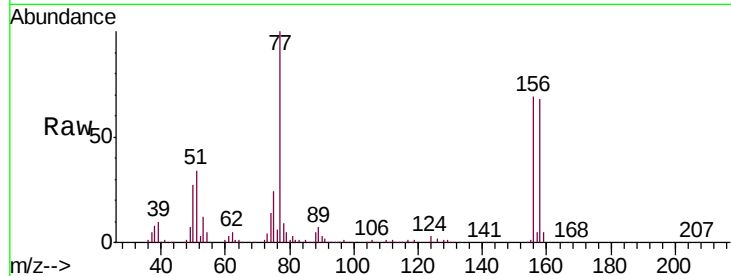
ClientSampleId :

VW1027SBS01

Tgt Ion	Ratio	Lower	Upper
156	100		
77	155.7	79.1	237.4
158	97.0	48.5	145.6

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#78

n-propylbenzene

Concen: 22.773 ug/l

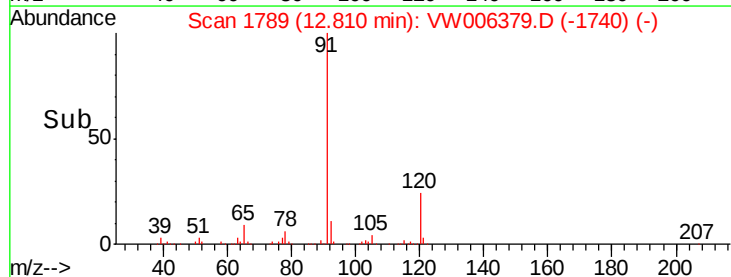
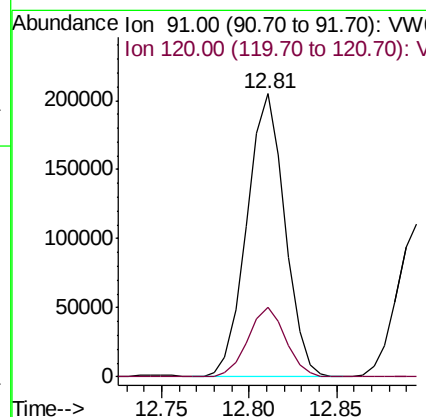
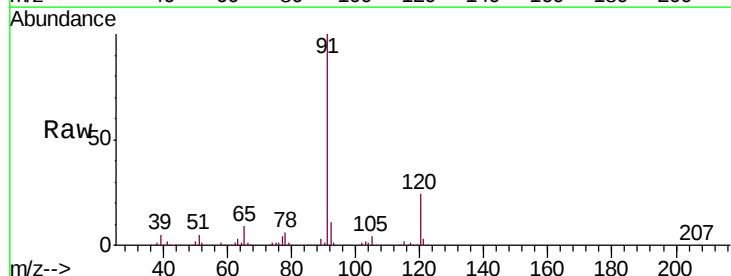
RT: 12.81 min Scan# 1789

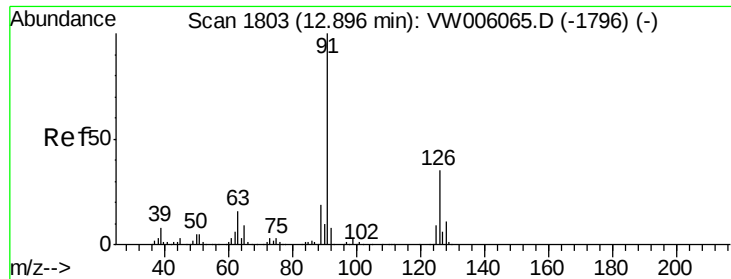
Delta R.T. 0.00 min

Lab File: VW006379.D

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Tgt Ion	Ratio	Lower	Upper
91	100		
120	24.4	12.2	36.6





#79

2-Chlorotoluene

Concen: 23.381 ug/l

RT: 12.90 min Scan# 1803

Delta R.T. 0.00 min

Lab File: VW006379.D

Acq: 26 Oct 2018 00:51

Instrument :

MSVOA_W

ClientSampleId :

VW1027SBS01

Tgt Ion: 91 Resp: 178131

Ion Ratio Lower Upper

91 100

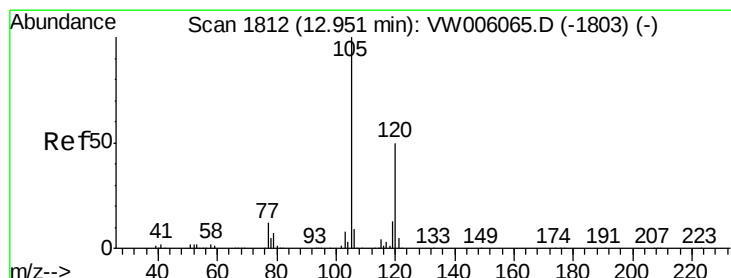
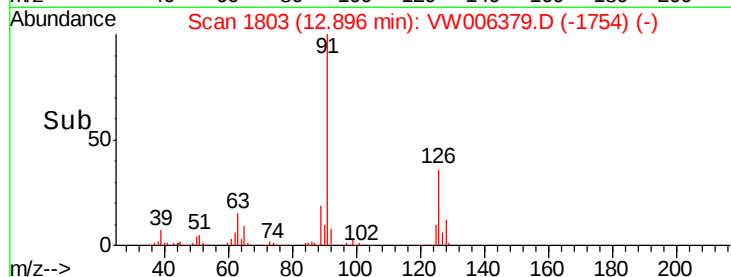
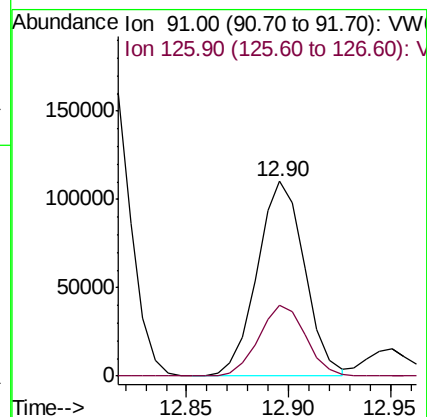
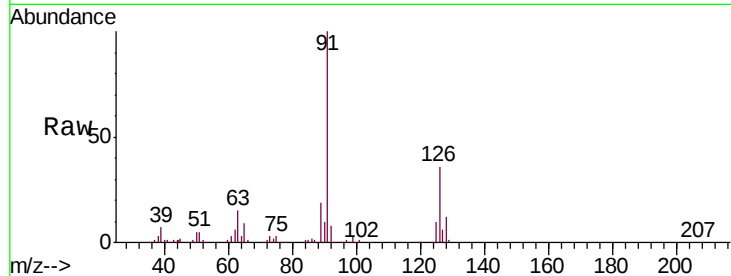
126 36.0 17.9 53.8

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#80

1,3,5-Trimethylbenzene

Concen: 23.052 ug/l

RT: 12.95 min Scan# 1812

Delta R.T. 0.00 min

Lab File: VW006379.D

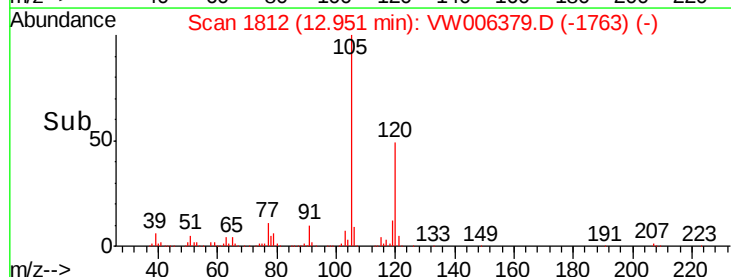
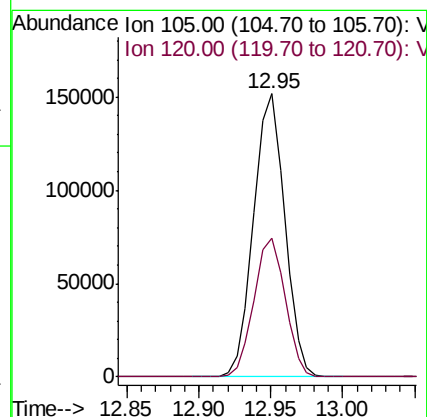
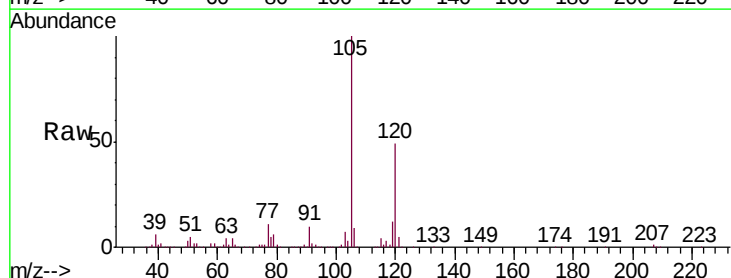
Acq: 26 Oct 2018 00:51

Tgt Ion: 105 Resp: 226498

Ion Ratio Lower Upper

105 100

120 49.6 24.9 74.6





#81

trans-1,4-Dichloro-2-butene

Concen: 19.338 ug/l

RT: 12.52 min Scan# 1741

Delta R.T. 0.00 min

Lab File: VW006379.D

Acq: 26 Oct 2018 00:51

Instrument :

MSVOA_W

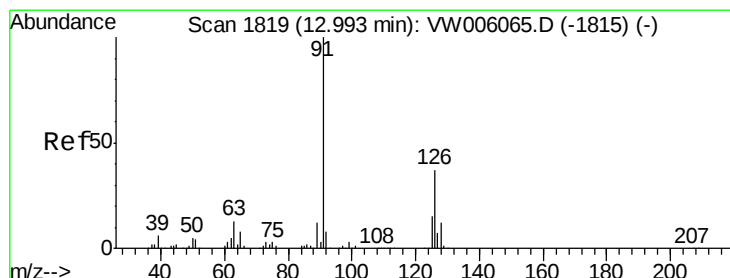
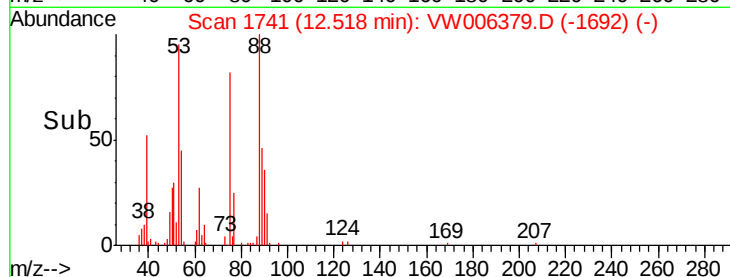
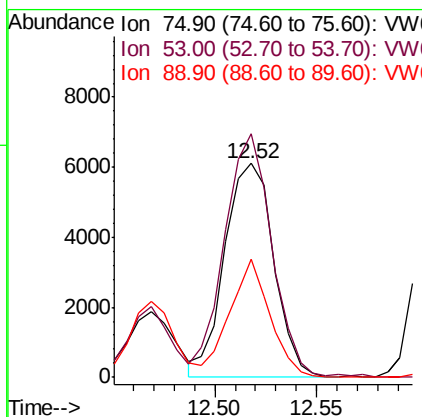
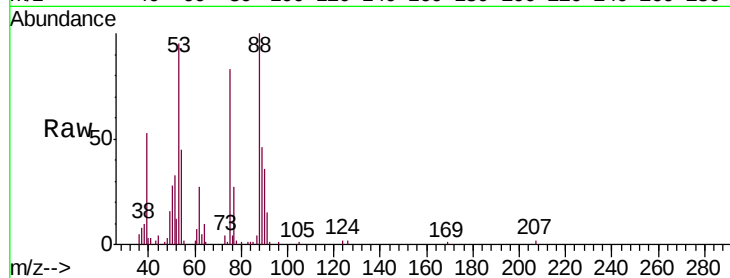
ClientSampleId :

VW1027SBS01

Tgt Ion:	75	Resp:	10194
Ion	Ratio	Lower	Upper
75	100		
53	110.6	79.8	119.6
89	45.1	37.5	56.3

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#82

4-Chlorotoluene

Concen: 23.444 ug/l

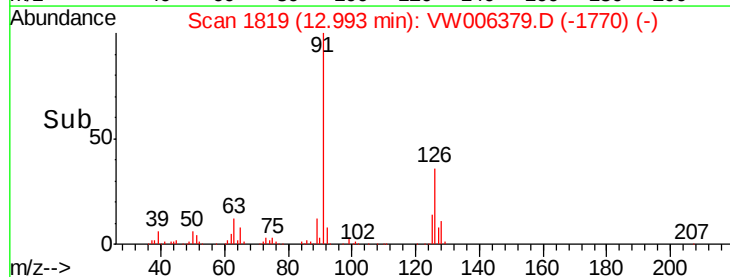
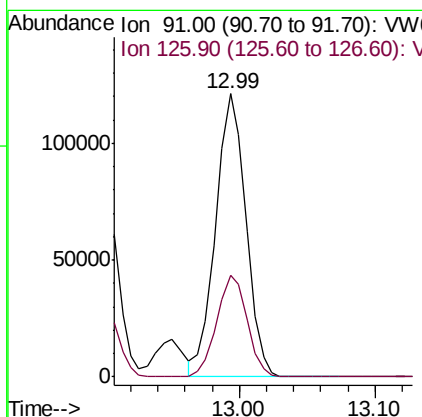
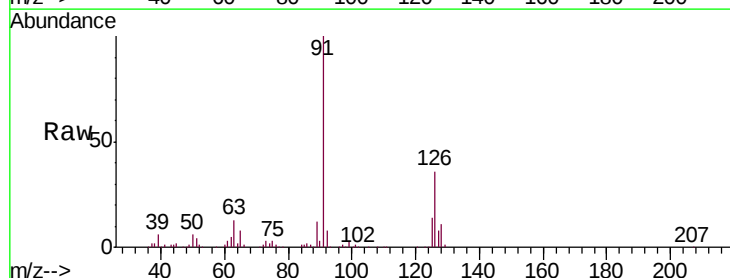
RT: 12.99 min Scan# 1819

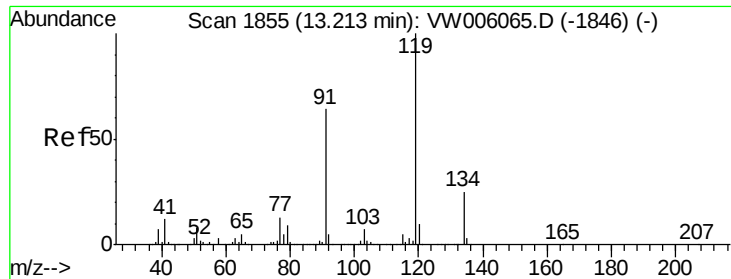
Delta R.T. 0.00 min

Lab File: VW006379.D

Acq: 26 Oct 2018 00:51

Tgt Ion:	91	Resp:	187103
Ion	Ratio	Lower	Upper
91	100		
126	36.1	18.1	54.3





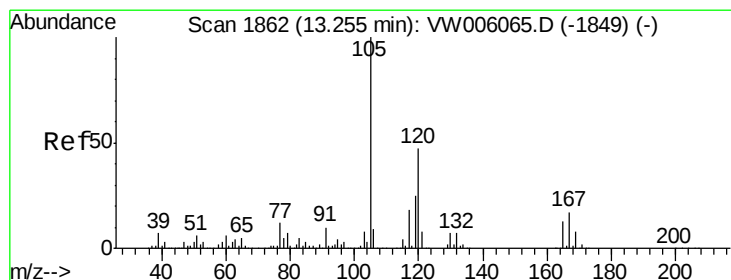
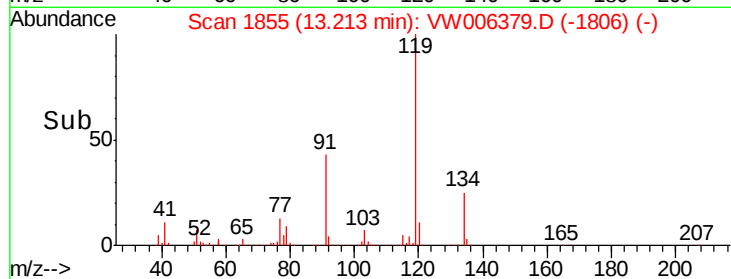
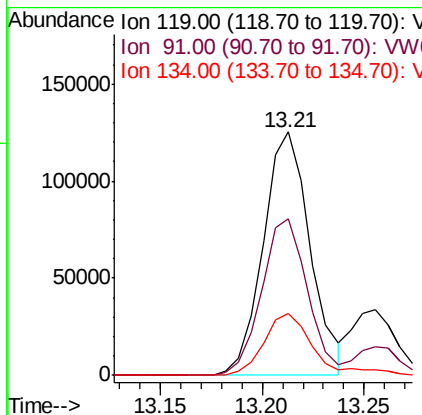
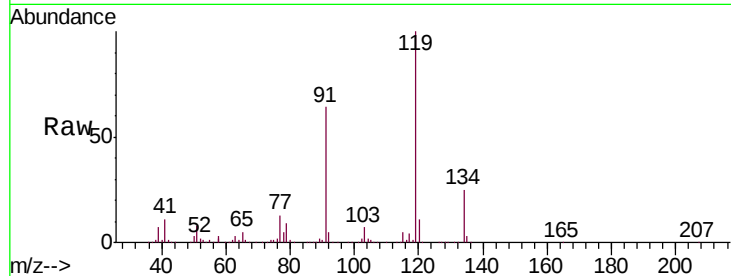
#83
 tert-Butylbenzene
 Concen: 22.824 ug/l
 RT: 13.21 min Scan# 1855
 Delta R.T. 0.00 min
 Lab File: VW006379.D
 Acq: 26 Oct 2018 00:51

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1027SBS01

Tgt Ion	Ratio	Resp	Lower	Upper
119	100	200647		
91	62.8		32.3	96.9
134	27.1		13.6	40.8

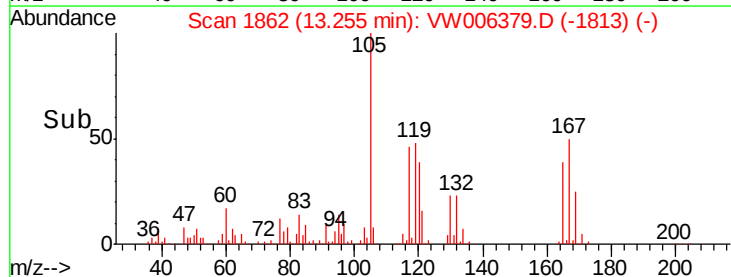
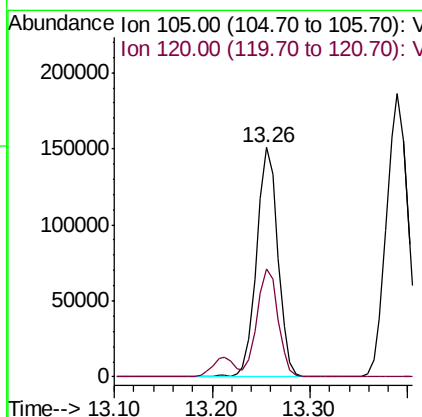
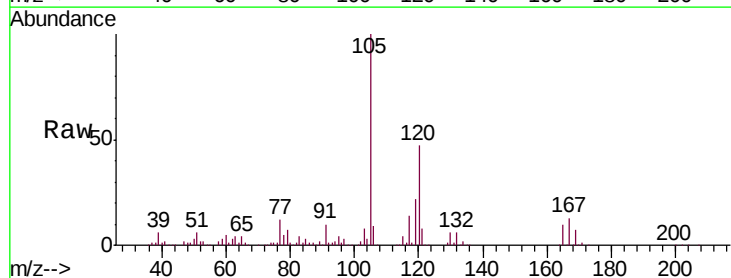
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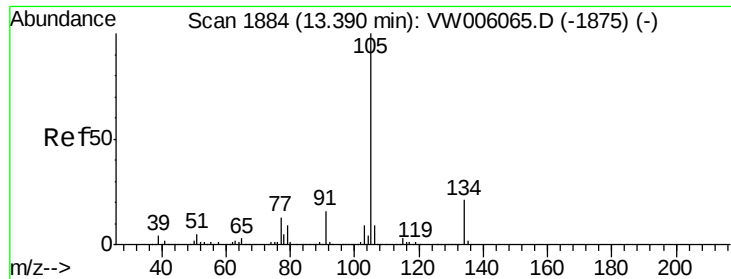
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#84
 1,2,4-Trimethylbenzene
 Concen: 23.038 ug/l
 RT: 13.26 min Scan# 1862
 Delta R.T. 0.00 min
 Lab File: VW006379.D
 Acq: 26 Oct 2018 00:51

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	229058		
120	46.7		23.1	69.3





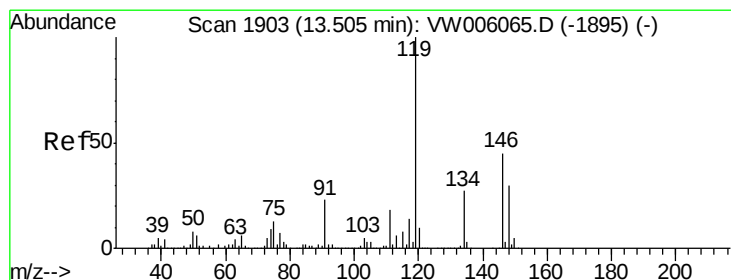
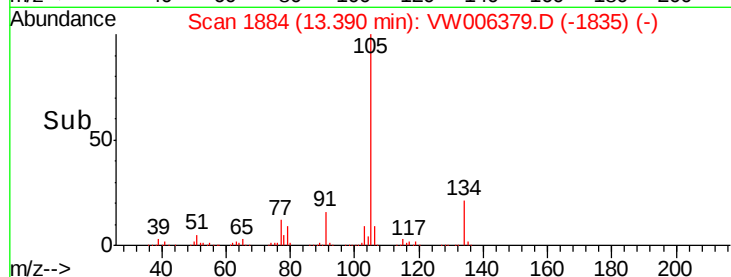
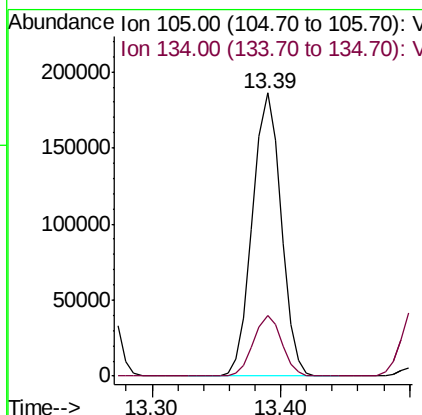
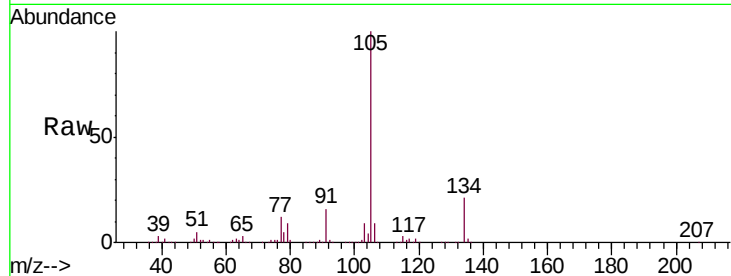
#85
 sec-Butylbenzene
 Concen: 23.004 ug/l
 RT: 13.39 min Scan# 1884
 Delta R.T. 0.00 min
 Lab File: VW006379.D
 Acq: 26 Oct 2018 00:51

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1027SBSD01

Tgt Ion	Ratio	Lower	Upper
105	100		
134	21.0	10.5	31.6

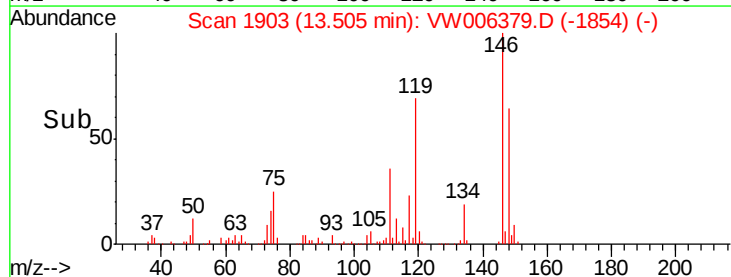
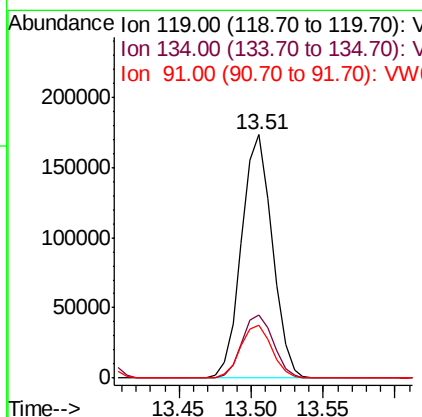
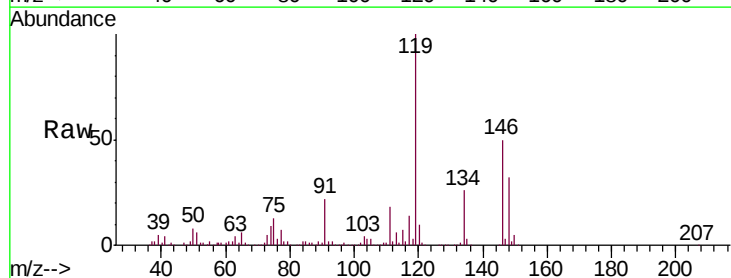
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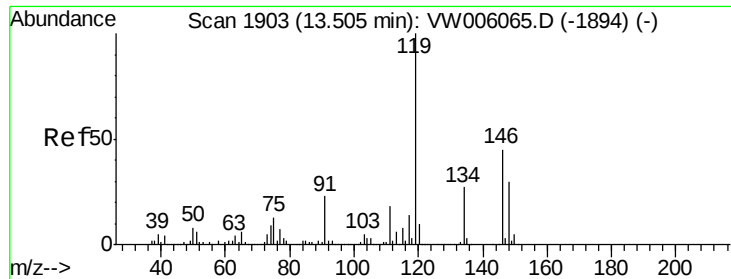
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#86
 p-Isopropyltoluene
 Concen: 22.848 ug/l
 RT: 13.51 min Scan# 1903
 Delta R.T. 0.00 min
 Lab File: VW006379.D
 Acq: 26 Oct 2018 00:51

Tgt Ion	Ratio	Lower	Upper
119	100		
134	26.8	13.4	40.2
91	22.3	11.4	34.1





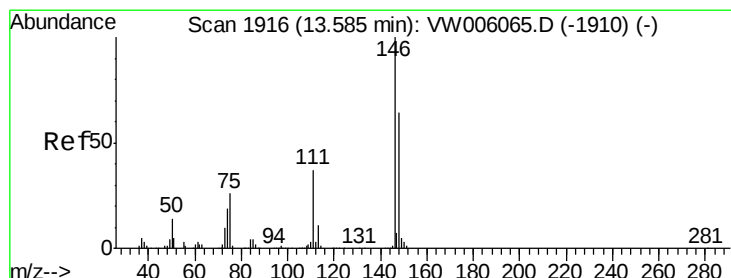
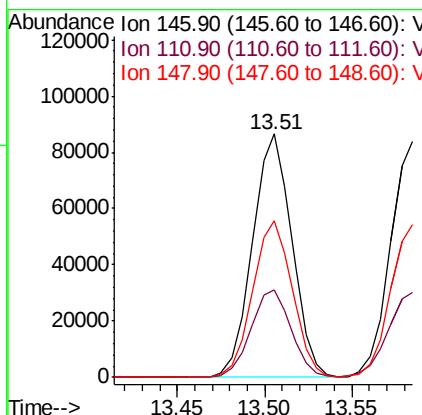
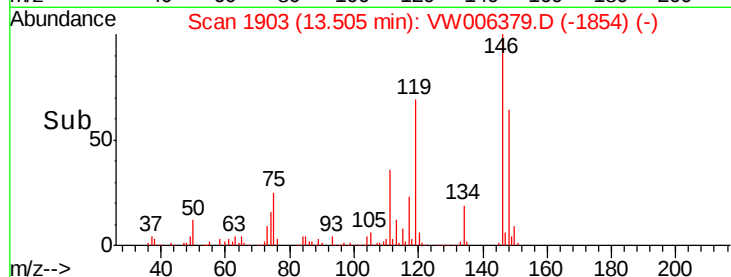
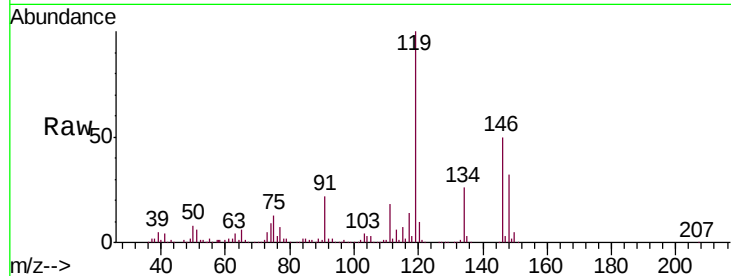
#87
 1,3-Dichlorobenzene
 Concen: 23.867 ug/l
 RT: 13.51 min Scan# 1903
 Delta R.T. 0.00 min
 Lab File: VW006379.D
 Acq: 26 Oct 2018 00:51

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1027SBS01

Tgt Ion	Ratio	Lower	Upper
146	100		
111	36.5	19.1	57.5
148	64.4	32.0	96.2

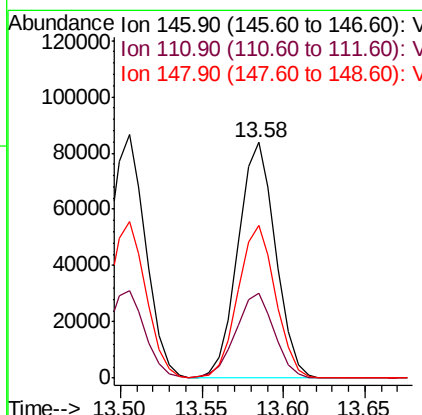
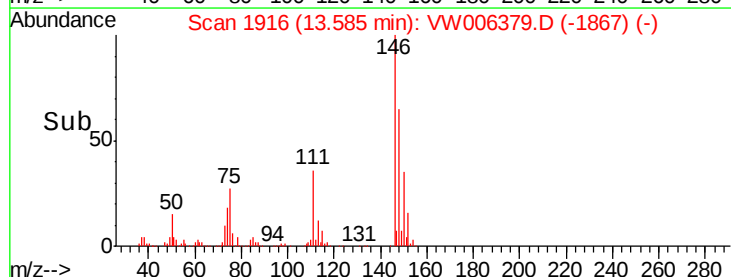
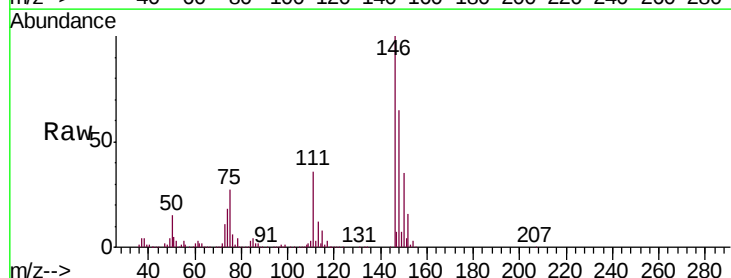
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#88
 1,4-Dichlorobenzene
 Concen: 23.730 ug/l
 RT: 13.58 min Scan# 1916
 Delta R.T. 0.00 min
 Lab File: VW006379.D
 Acq: 26 Oct 2018 00:51

Tgt Ion	Ratio	Lower	Upper
146	100		
111	36.9	18.6	56.0
148	64.5	32.1	96.5





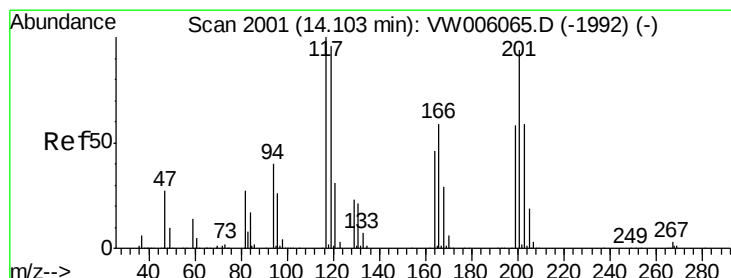
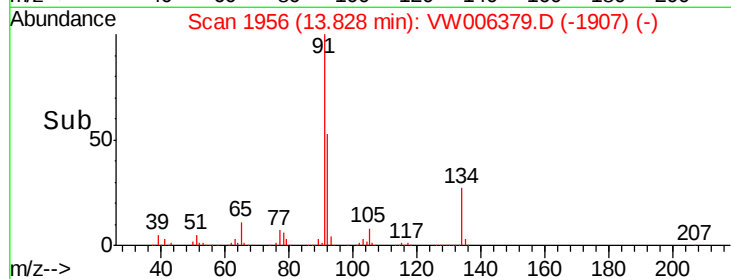
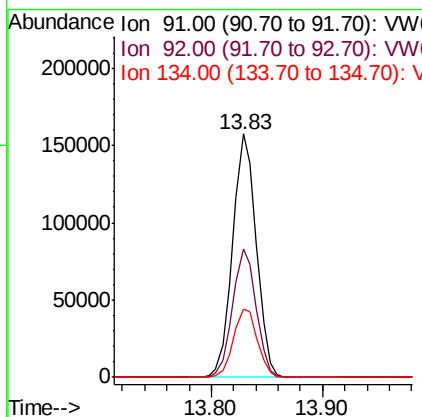
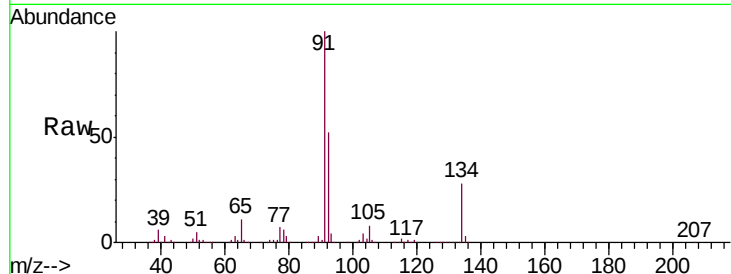
#89
n-Butylbenzene
Concen: 22.519 ug/l
RT: 13.83 min Scan# 1956
Delta R.T. 0.00 min
Lab File: VW006379.D
Acq: 26 Oct 2018 00:51

Instrument :
MSVOA_W
ClientSampleId :
VW1027SBSD01

Tgt Ion	Ratio	Lower	Upper
91	100		
92	52.6	26.6	79.7
134	28.5	14.0	41.9

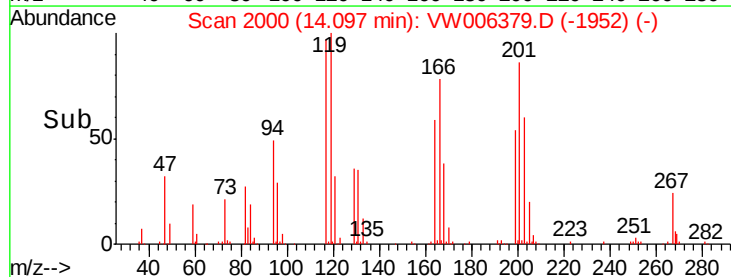
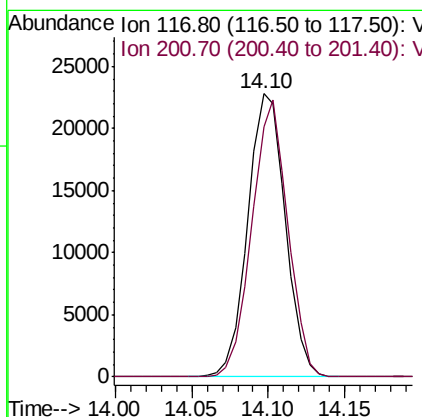
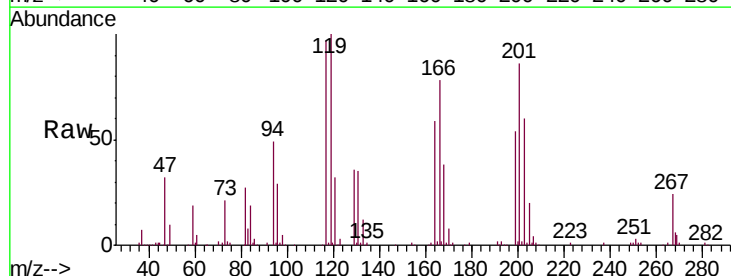
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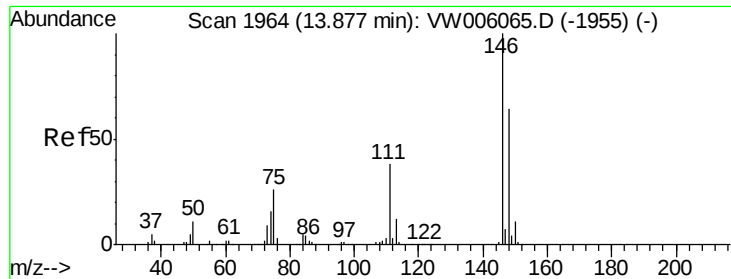
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#90
Hexachloroethane
Concen: 20.441 ug/l
RT: 14.10 min Scan# 2000
Delta R.T. -0.01 min
Lab File: VW006379.D
Acq: 26 Oct 2018 00:51

Tgt Ion	Ratio	Lower	Upper
117	100		
201	93.8	45.3	135.9





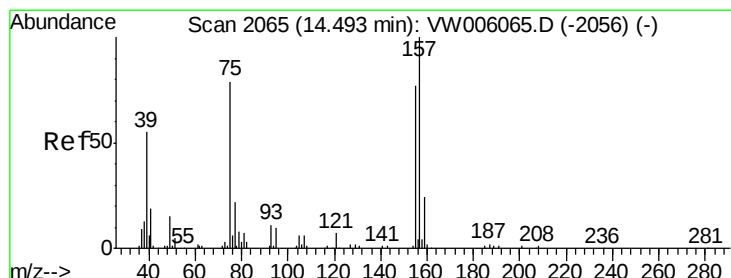
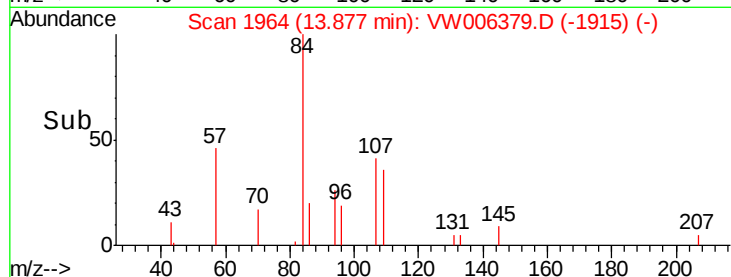
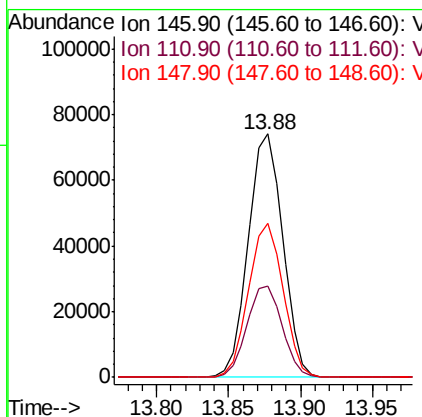
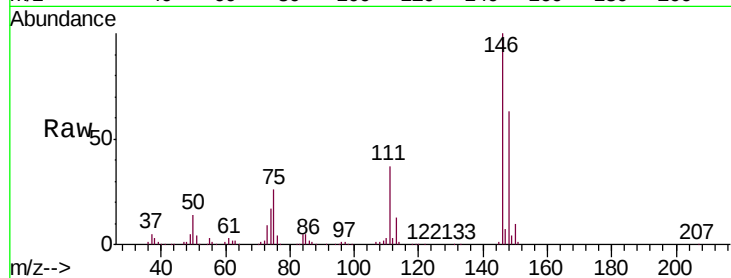
#91
 1,2-Dichlorobenzene
 Concen: 24.217 ug/l
 RT: 13.88 min Scan# 1964
 Delta R.T. 0.00 min
 Lab File: VW006379.D
 Acq: 26 Oct 2018 00:51

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1027SBSD01

Tgt Ion	Ratio	Lower	Upper
146	100		
111	38.3	19.6	58.7
148	63.2	32.2	96.6

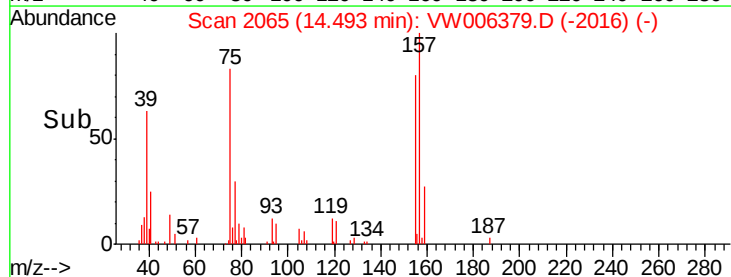
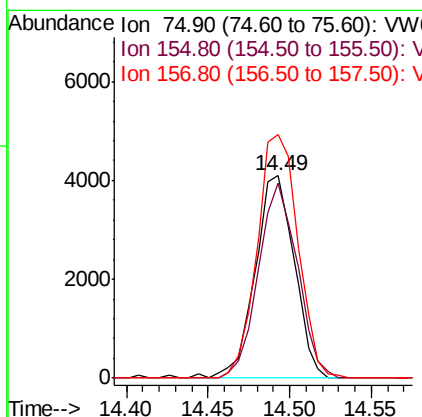
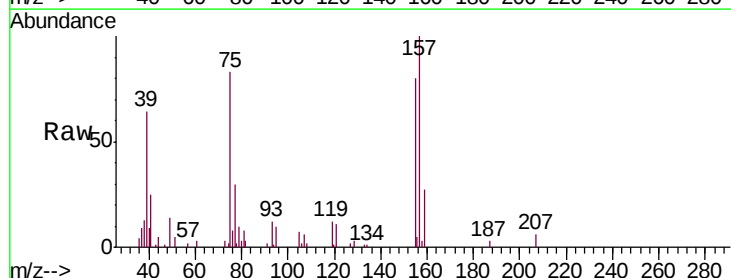
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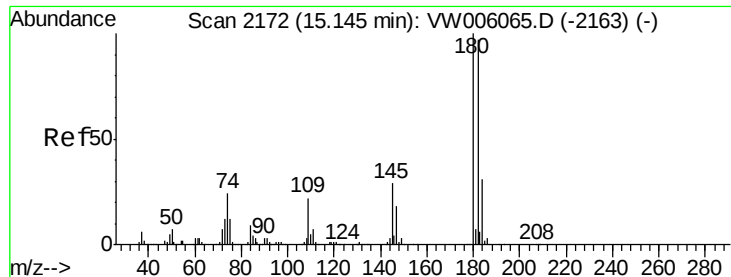
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 21.434 ug/l
 RT: 14.49 min Scan# 2065
 Delta R.T. 0.00 min
 Lab File: VW006379.D
 Acq: 26 Oct 2018 00:51

Tgt Ion	Ratio	Lower	Upper
75	100		
155	95.7	46.5	139.5
157	125.4	59.8	179.4





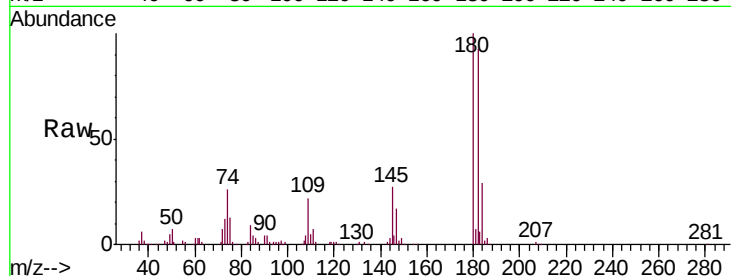
#93
 1,2,4-Trichlorobenzene
 Concen: 23.333 ug/l
 RT: 15.14 min Scan# 2171
 Delta R.T. -0.01 min
 Lab File: VW006379.D
 Acq: 26 Oct 2018 00:51

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1027SBSD01

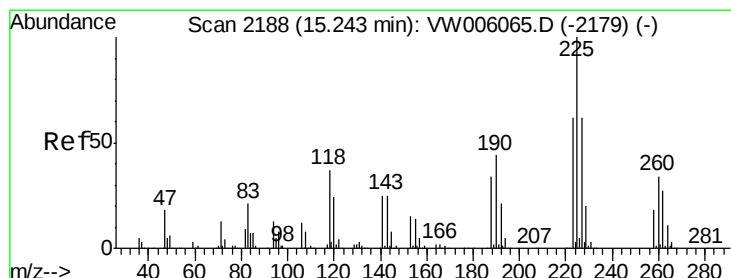
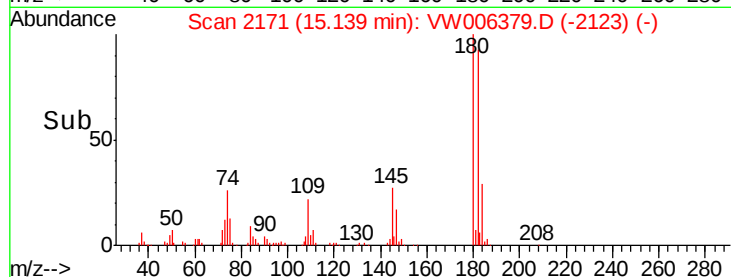
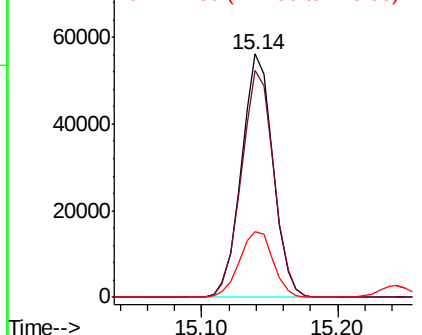
Tgt Ion	Ratio	Resp	Lower	Upper
180	100	90983		
182	95.6	47.9	143.6	
145	28.9	14.2	42.8	

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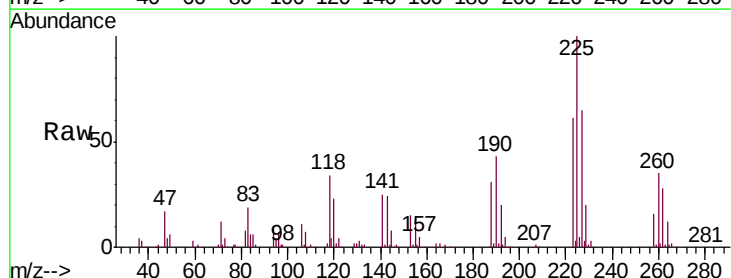


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

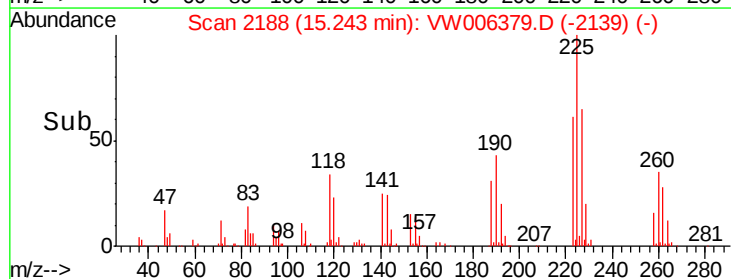
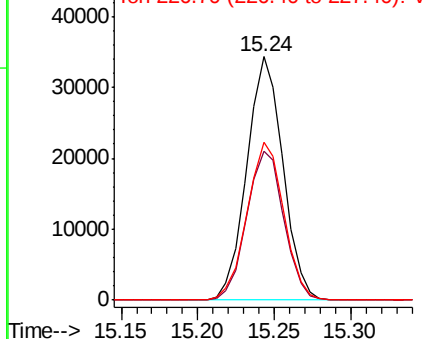


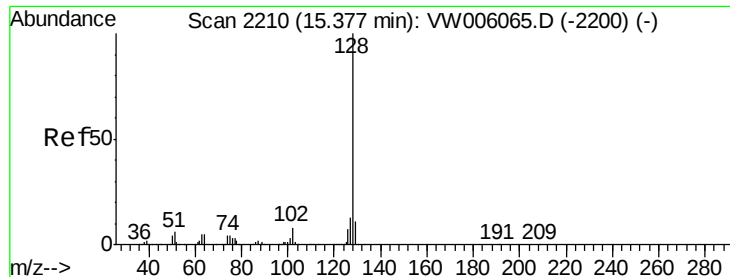
#94
 Hexachlorobutadiene
 Concen: 23.032 ug/l
 RT: 15.24 min Scan# 2188
 Delta R.T. 0.00 min
 Lab File: VW006379.D
 Acq: 26 Oct 2018 00:51

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	56418		
223	62.8	31.1	93.5	
227	65.7	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





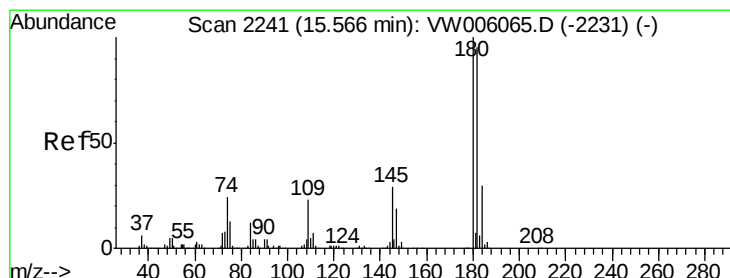
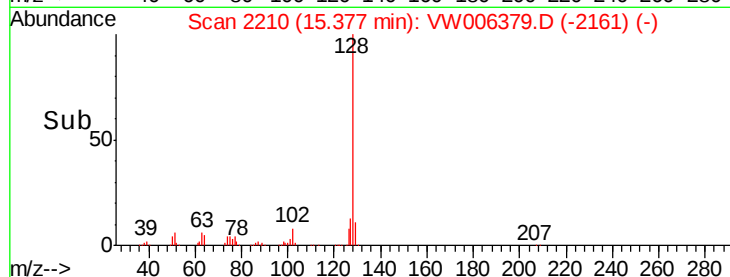
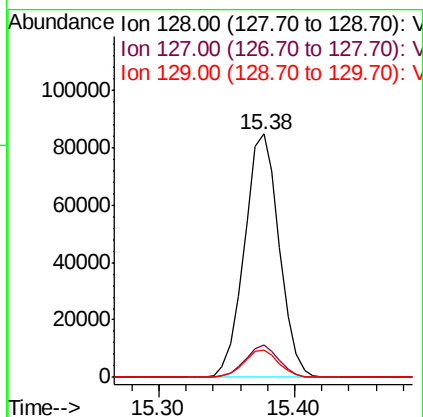
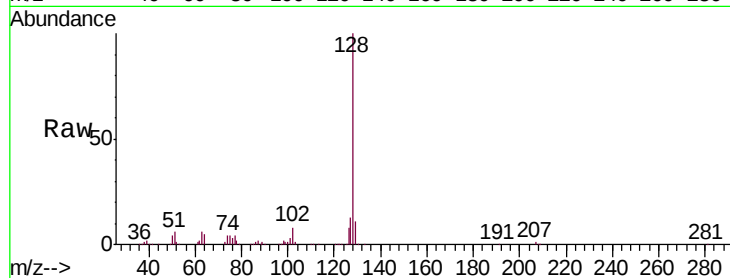
#95
Naphthalene
Concen: 23.356 ug/l
RT: 15.38 min Scan# 2210
Delta R.T. 0.00 min
Lab File: VW006379.D
Acq: 26 Oct 2018 00:51

Instrument :
MSVOA_W
ClientSampleId :
VW1027SBSD01

Tgt Ion	Ratio	Resp	Lower	Upper
128	100	151500		
127	13.0	10.3	15.5	
129	11.0	8.7	13.1	

Manual Integrations
APPROVED

apatel
10/26/2018 11:51:31 AM



#96
1,2,3-Trichlorobenzene
Concen: 23.336 ug/l
RT: 15.57 min Scan# 2241
Delta R.T. 0.00 min
Lab File: VW006379.D
Acq: 26 Oct 2018 00:51

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	78707		
182	97.3	47.8	143.3	
145	30.1	15.0	45.1	

