

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW101918\
 Data File : VW006225.D
 Acq On : 19 Oct 2018 15:20
 Operator : VA/AP
 Sample : VW1019SBS01
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1019SBS01

Manual Integrations
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apatel
 10/22/2018 12:17:44 PM

Quant Time: Oct 20 01:50:12 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	258228	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	368249	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	334119	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	188720	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	103767	48.47	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.94%	
35) Dibromofluoromethane	7.89	113	107951	49.61	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.22%	
50) Toluene-d8	10.33	98	414176	50.03	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.06%	
62) 4-Bromofluorobenzene	12.62	95	156629	50.37	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.74%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.01	85	23297	18.231	ug/l	97
3) Chloromethane	2.21	50	29856	18.151	ug/l	98
4) Vinyl Chloride	2.37	62	46512	19.800	ug/l	100
5) Bromomethane	2.78	94	42911	20.084	ug/l	98
6) Chloroethane	2.93	64	33007	19.607	ug/l	91
7) Trichlorofluoromethane	3.26	101	44493	20.332	ug/l	100
8) Diethyl Ether	3.68	74	22835	19.634	ug/l	95
9) 1,1,2-Trichlorotrifluoroet	4.06	101	50793	22.148	ug/l	97
10) Methyl Iodide	4.27	142	82031	21.491	ug/l	99
11) Tert butyl alcohol	5.20	59	14020	97.373	ug/l	98
12) 1,1-Dichloroethene	4.03	96	46778	21.681	ug/l	90
13) Acrolein	3.89	56	14276	102.468	ug/l	95
14) Allyl chloride	4.67	41	62496	20.258	ug/l	99
15) Acrylonitrile	5.37	53	44370	106.367	ug/l	99
16) Acetone	4.14	43	52453	123.082	ug/l	100
17) Carbon Disulfide	4.38	76	118838	18.250	ug/l	98
18) Methyl Acetate	4.68	43	22498	20.882	ug/l	100
19) Methyl tert-butyl Ether	5.43	73	69955	21.287	ug/l	96
20) Methylene Chloride	4.92	84	58133	24.844	ug/l	95
21) trans-1,2-Dichloroethene	5.42	96	52612	21.846	ug/l	96
22) Diisopropyl ether	6.32	45	131870	21.631	ug/l	99
23) Vinyl Acetate	6.26	43	360888	100.307	ug/l	99
24) 1,1-Dichloroethane	6.22	63	87625	22.275	ug/l	98
25) 2-Butanone	7.18	43	64719	111.903	ug/l	98
26) 2,2-Dichloropropane	7.17	77	57948	20.886	ug/l	98
27) cis-1,2-Dichloroethene	7.17	96	58736	22.101	ug/l	99
28) Bromochloromethane	7.51	49	28649	18.865	ug/l	96
29) Tetrahydrofuran	7.54	42	35858	100.867	ug/l	100
30) Chloroform	7.68	83	94889	22.140	ug/l	99
31) Cyclohexane	7.96	56	82038	20.942	ug/l	92
32) 1,1,1-Trichloroethane	7.88	97	83531	21.606	ug/l	99
36) 1,1-Dichloropropene	8.09	75	76717	22.602	ug/l	98
37) Ethyl Acetate	7.26	43	26081	20.681	ug/l	99
38) Carbon Tetrachloride	8.07	117	77764	20.899	ug/l	99

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 ALS Vial : 5 Sample Multiplier: 1

Instrument :
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Manual Integrations
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Quant Time: Oct 20 01:50:12 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W101518S.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 18 17:01:24 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	99149	21.975	ug/l	97
40) Benzene	8.33	78	209934	22.548	ug/l	98
41) Methacrylonitrile	7.49	41	16703	21.971	ug/l	99
42) 1,2-Dichloroethane	8.40	62	59966	21.922	ug/l	100
43) Isopropyl Acetate	8.43	43	51165	19.843	ug/l	99
44) Trichloroethene	9.10	130	63730	22.311	ug/l	99
45) 1,2-Dichloropropane	9.37	63	48750	21.881	ug/l	97
46) Dibromomethane	9.46	93	27215	21.432	ug/l	99
47) Bromodichloromethane	9.65	83	63731	20.701	ug/l	99
48) Methyl methacrylate	9.44	41	24348	19.921	ug/l	95
49) 1,4-Dioxane	9.46	88	8000	409.235	ug/l #	100
51) 4-Methyl-2-Pentanone	10.21	43	135644	104.995	ug/l	100
52) Toluene	10.39	92	139898	22.412	ug/l	100
53) t-1,3-Dichloropropene	10.61	75	60348	19.674	ug/l	97
54) cis-1,3-Dichloropropene	10.08	75	72592	20.621	ug/l	99
55) 1,1,2-Trichloroethane	10.79	97	38299	21.553	ug/l	96
56) Ethyl methacrylate	10.65	69	44577	20.463	ug/l	98
57) 1,3-Dichloropropane	10.94	76	64637	21.973	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.93	63	88872	106.765	ug/l	100
59) 2-Hexanone	10.98	43	98627	106.946	ug/l	99
60) Dibromochloromethane	11.13	129	43087	19.466	ug/l	100
61) 1,2-Dibromoethane	11.24	107	38265	21.551	ug/l	97
64) Tetrachloroethene	10.87	164	58045	22.379	ug/l	99
65) Chlorobenzene	11.66	112	162678	22.744	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.74	131	54210	21.327	ug/l	99
67) Ethyl Benzene	11.74	91	280524	22.631	ug/l	99
68) m/p-Xylenes	11.85	106	219003	44.700	ug/l	98
69) o-Xylene	12.17	106	104375	22.354	ug/l	99
70) Styrene	12.19	104	168402	22.179	ug/l	99
71) Bromoform	12.35	173	25828	18.217	ug/l #	99
73) Isopropylbenzene	12.47	105	293737	22.032	ug/l	99
74) N-amyl acetate	12.28	43	50376	19.454	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.72	83	44049	21.722	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	28756m	19.949	ug/l	
77) Bromobenzene	12.75	156	71573	21.917	ug/l	98
78) n-propylbenzene	12.81	91	347263	22.388	ug/l	100
79) 2-Chlorotoluene	12.90	91	194222	22.286	ug/l	100
80) 1,3,5-Trimethylbenzene	12.95	105	248797	22.136	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.52	75	9640	15.986	ug/l	86
82) 4-Chlorotoluene	12.99	91	203080	22.245	ug/l	100
83) tert-Butylbenzene	13.21	119	222603	22.136	ug/l	98
84) 1,2,4-Trimethylbenzene	13.26	105	252608	22.210	ug/l	100
85) sec-Butylbenzene	13.39	105	320286	22.545	ug/l	100
86) p-Isopropyltoluene	13.51	119	286854	22.324	ug/l	100
87) 1,3-Dichlorobenzene	13.51	146	146311	22.513	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	143385	22.159	ug/l	99
89) n-Butylbenzene	13.83	91	266690	22.694	ug/l	100
90) Hexachloroethane	14.10	117	41025	18.848	ug/l	99
91) 1,2-Dichlorobenzene	13.88	146	128939	22.242	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.49	75	6528	17.980	ug/l	96

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Misc : 5.00G/5ML/MSVOA W/SOIL
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VW1019SBSD01

Manual Integrations
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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)
93) 1,2,4-Trichlorobenzene	15.14	180	100322	22.491	ug/l	99
94) Hexachlorobutadiene	15.24	225	62453	22.288	ug/l	100
95) Naphthalene	15.38	128	154684	20.847	ug/l	99
96) 1,2,3-Trichlorobenzene	15.57	180	84902	22.006	ug/l	99

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

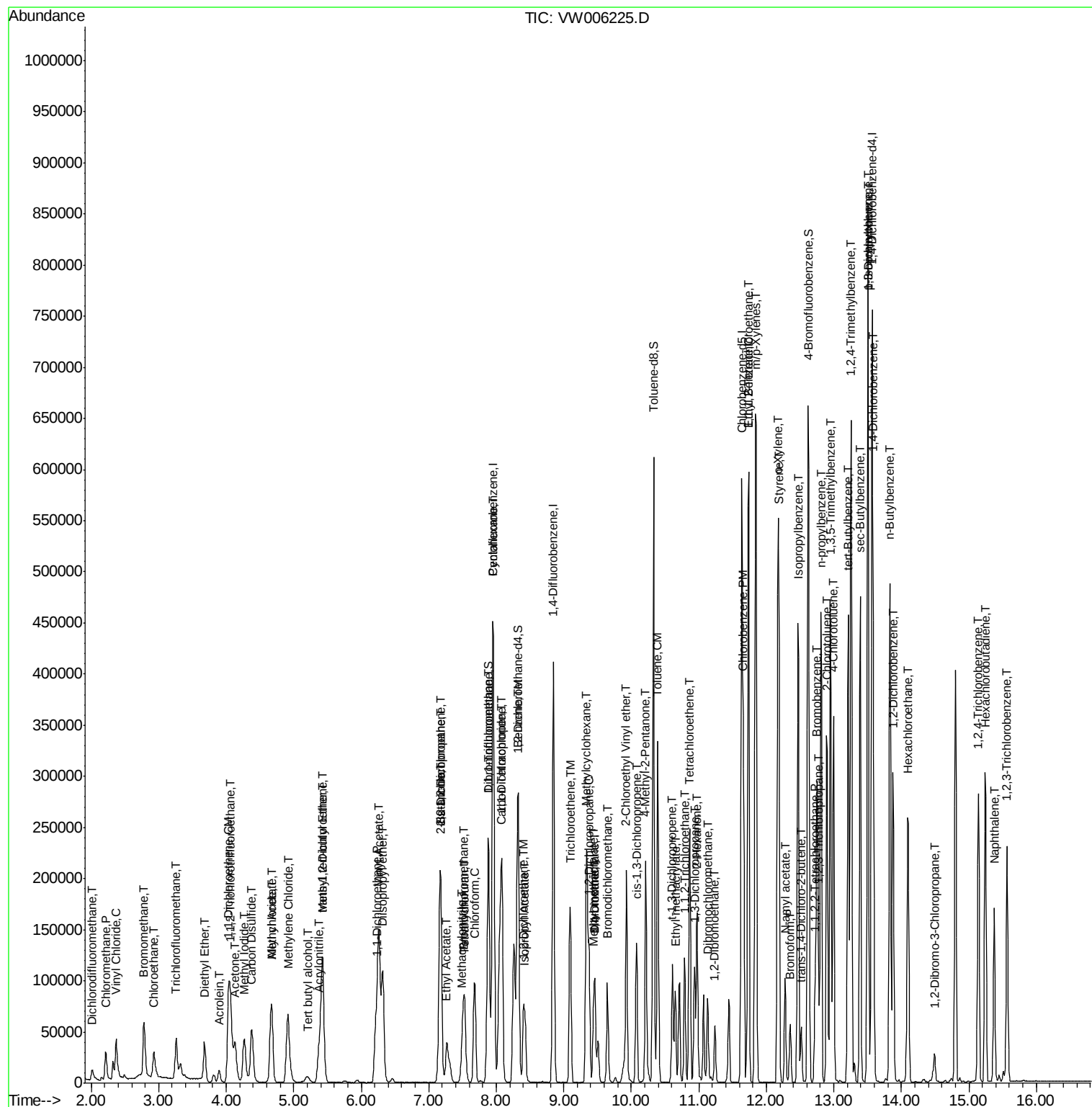
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Data File : VW006225.D
Acq On : 19 Oct 2018 15:20
Operator : VA/AP
Sample : VW1019SBS01
Misc : 5.00G/5ML/MSVOA W/SOIL
ALS Vial : 5 Sample Multiplier: 1

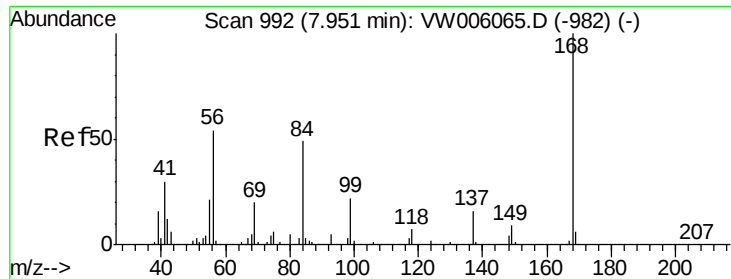
Instrument :
MSVOA_W
Client Sample Id :
VW1019SBS01

Manual Integrations
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Quant Time: Oct 20 01:50:12 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W101518S.M
Quant Title : SW846 8260
QLast Update : Thu Oct 18 17:01:24 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.00 min

Lab File: VW006225.D

Acq: 19 Oct 2018 15:20

Instrument :

MSVOA_W

ClientSampleId :

VW1019SBS01

Tot Ion:168 Resp: 258228

Ion Ratio Lower Upper

168 100

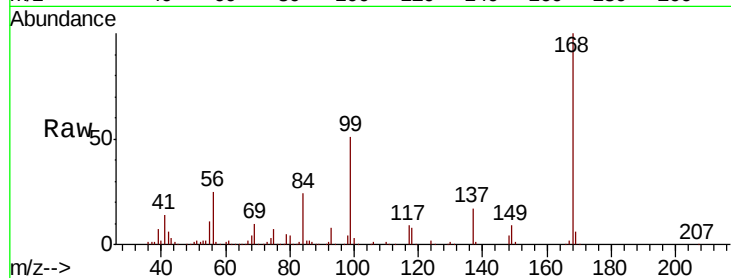
99 51.1 39.9 59.9

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

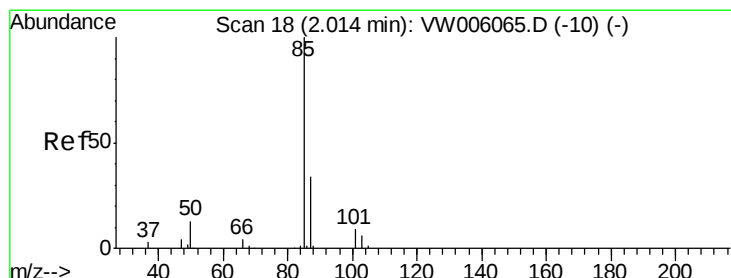
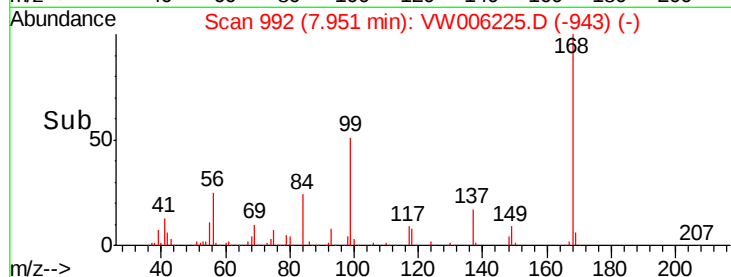
7.95

100000

50000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 18.231 ug/l

RT: 2.01 min Scan# 18

Delta R.T. -0.00 min

Lab File: VW006225.D

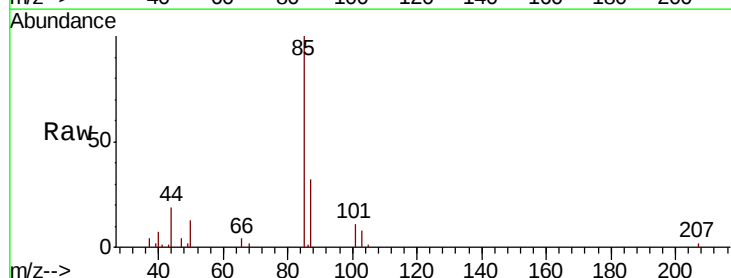
Acq: 19 Oct 2018 15:20

Tgt Ion: 85 Resp: 23297

Ion Ratio Lower Upper

85 100

87 32.1 16.9 50.6



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW

2.01

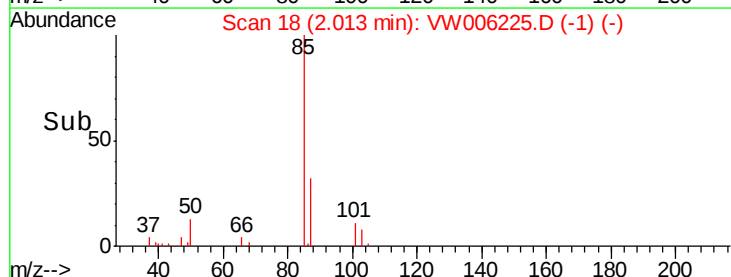
6000

4000

2000

0

Time-->





#3

Chloromethane

Concen: 18.151 ug/l

RT: 2.21 min Scan# 51

Delta R.T. -0.01 min

Lab File: VW006225.D

Acq: 19 Oct 2018 15:20

Instrument :

MSVOA_W

ClientSampleId :

VW1019SBS01

Tot Ion: 50 Resp: 29856

Ion Ratio Lower Upper

50 100

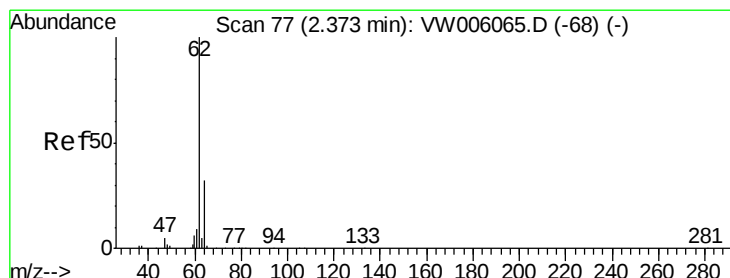
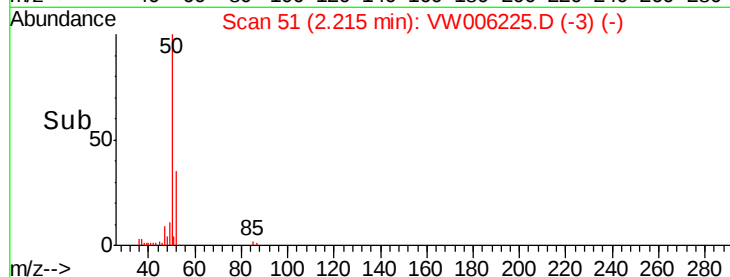
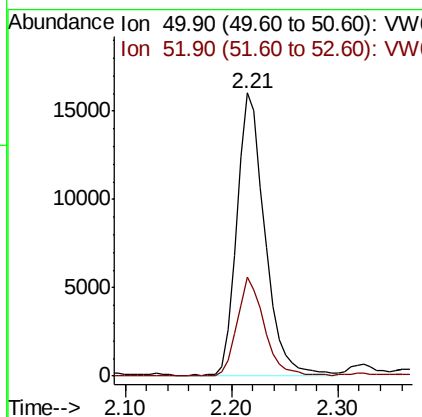
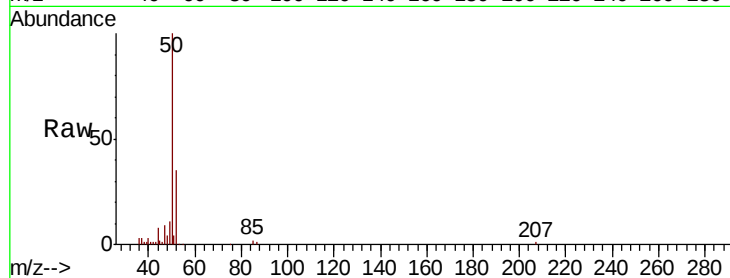
52 34.8 26.8 40.2

Manual Integrations

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#4

Vinyl Chloride

Concen: 19.800 ug/l

RT: 2.37 min Scan# 77

Delta R.T. -0.00 min

Lab File: VW006225.D

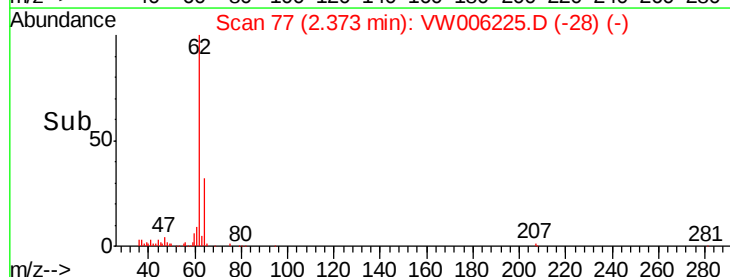
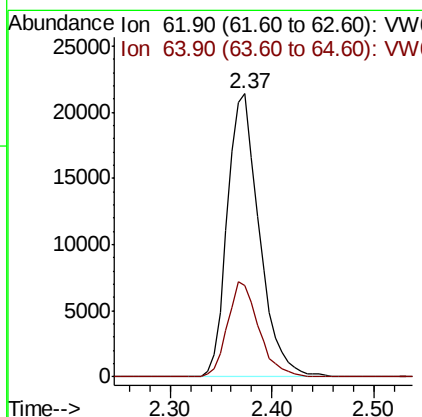
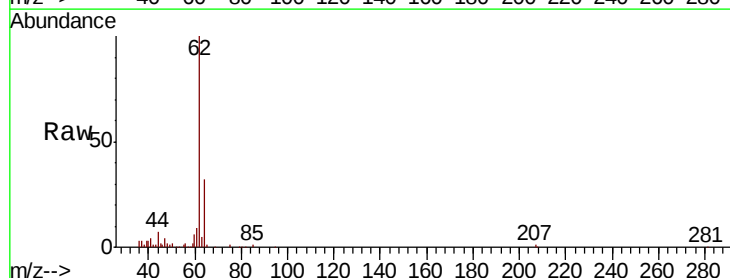
Acq: 19 Oct 2018 15:20

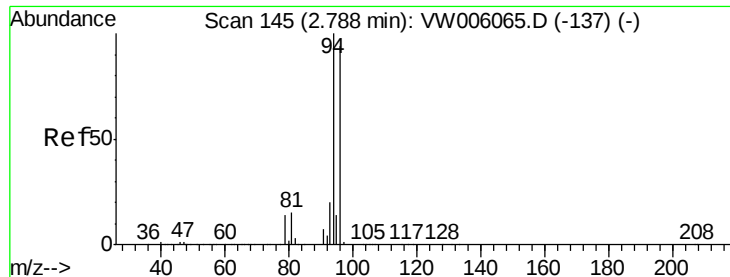
Tgt Ion: 62 Resp: 46512

Ion Ratio Lower Upper

62 100

64 32.4 25.9 38.9





#5

Bromomethane

Concen: 20.084 ug/l

RT: 2.78 min Scan# 144

Delta R.T. -0.01 min

Lab File: VW006225.D

Acq: 19 Oct 2018 15:20

Instrument :

MSVOA_W

ClientSampleId :

VW1019SBS01

Tot Ion: 94 Resp: 42911

Ion Ratio Lower Upper

94 100

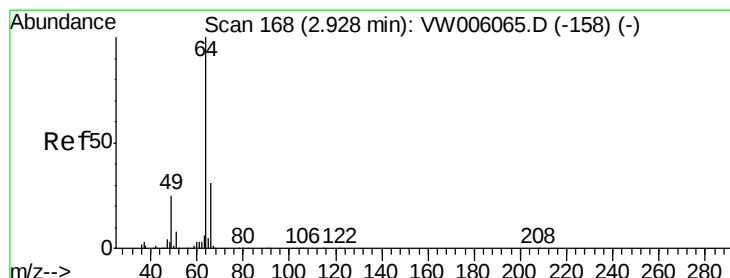
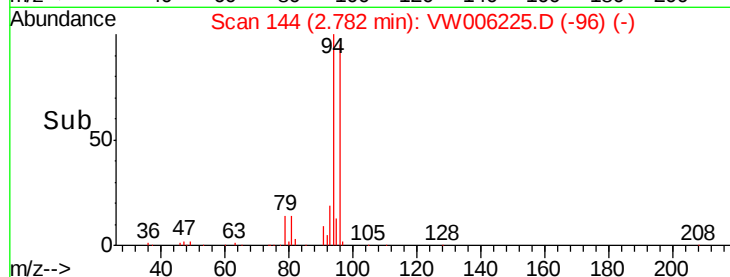
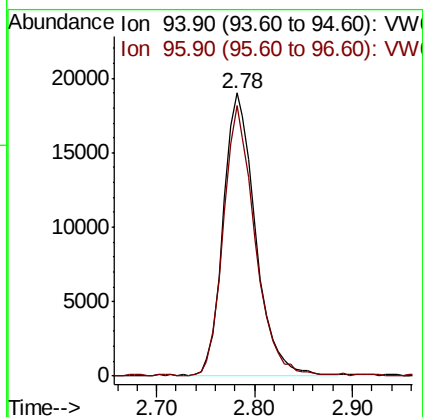
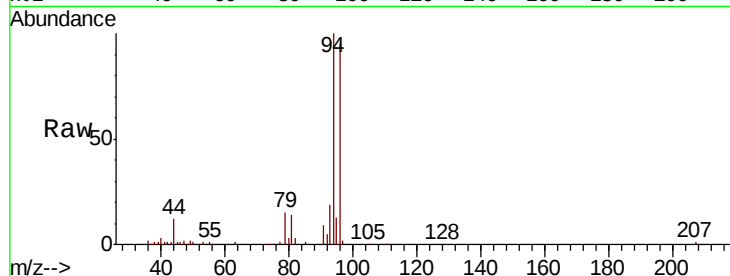
96 95.8 74.9 112.3

Manual Integrations

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#6

Chloroethane

Concen: 19.607 ug/l

RT: 2.93 min Scan# 168

Delta R.T. -0.00 min

Lab File: VW006225.D

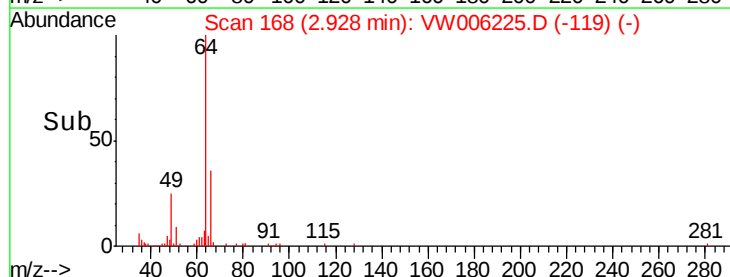
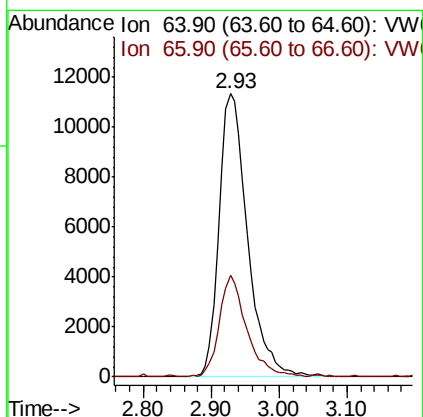
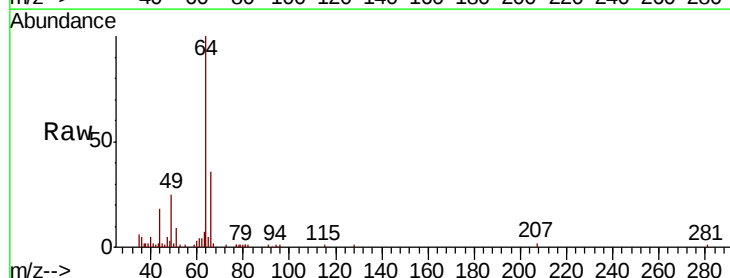
Acq: 19 Oct 2018 15:20

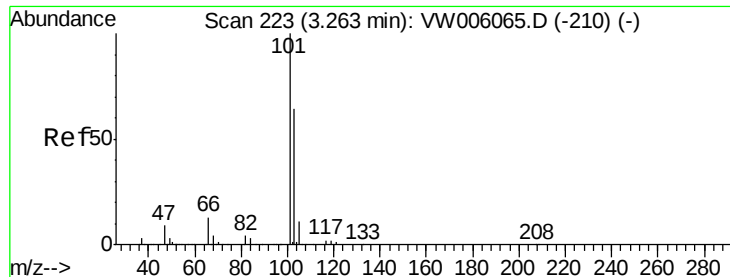
Tgt Ion: 64 Resp: 33007

Ion Ratio Lower Upper

64 100

66 36.0 24.9 37.3





#7

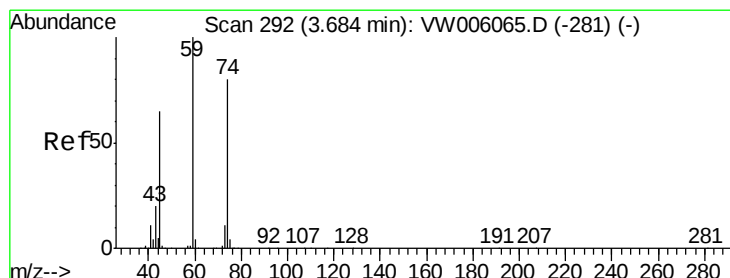
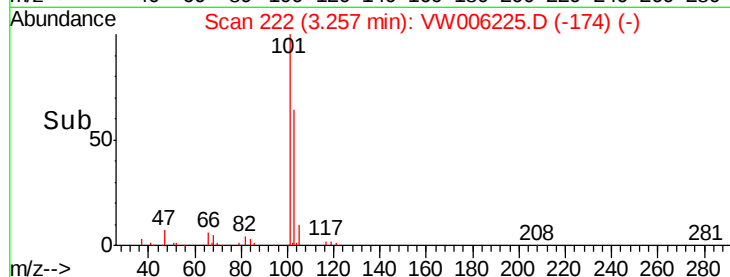
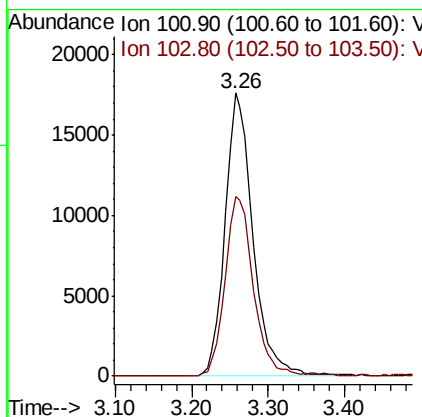
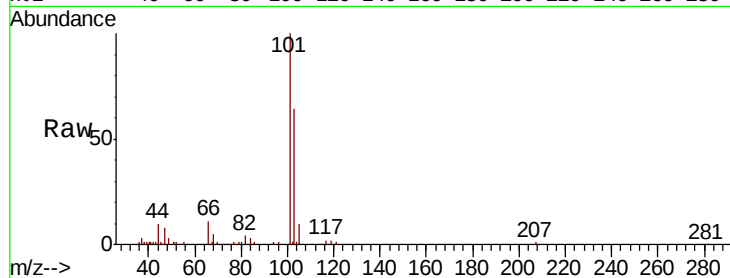
Trichlorofluoromethane
 Concen: 20.332 ug/l
 RT: 3.26 min Scan# 222
 Delta R.T. -0.01 min
 Lab File: VW006225.D
 Acq: 19 Oct 2018 15:20

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1019SBS01

Tot Ion	Ratio	Lower	Upper
101	100		
103	63.7	51.2	76.8

Manual Integrations
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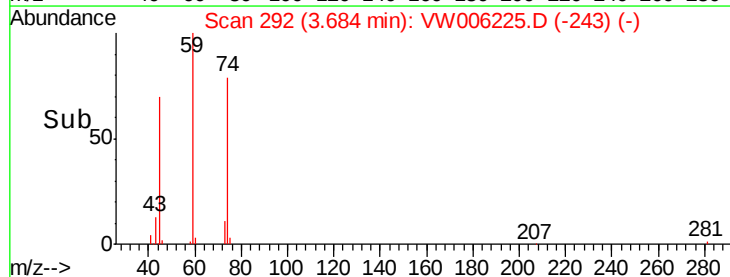
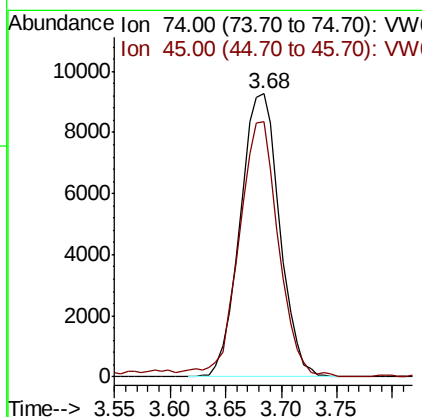
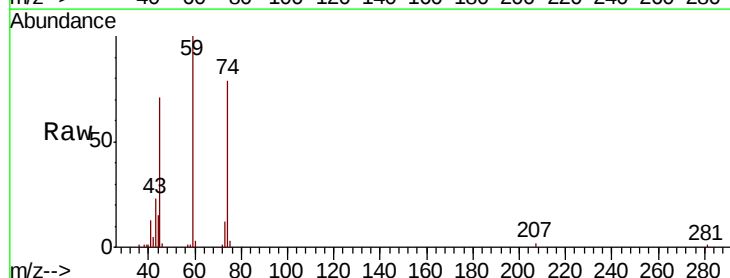
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#8

Diethyl Ether
 Concen: 19.634 ug/l
 RT: 3.68 min Scan# 292
 Delta R.T. -0.00 min
 Lab File: VW006225.D
 Acq: 19 Oct 2018 15:20

Tgt Ion	Ratio	Lower	Upper
74	100		
45	90.3	42.8	128.3





#9

1,1,2-Trichlorotrifluoroethane

Concen: 22.148 ug/l

RT: 4.06 min Scan# 354

Delta R.T. -0.00 min

Lab File: VW006225.D

Acq: 19 Oct 2018 15:20

Instrument :

MSVOA_W

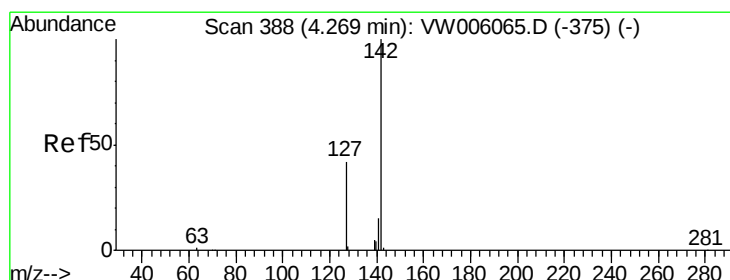
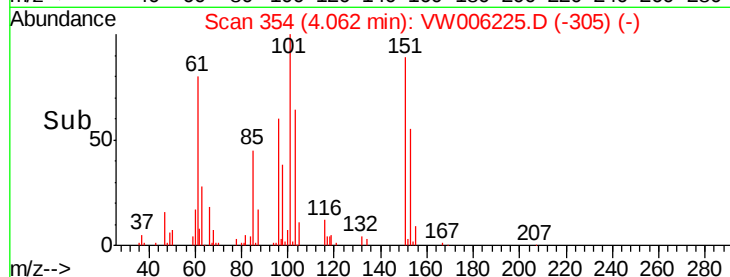
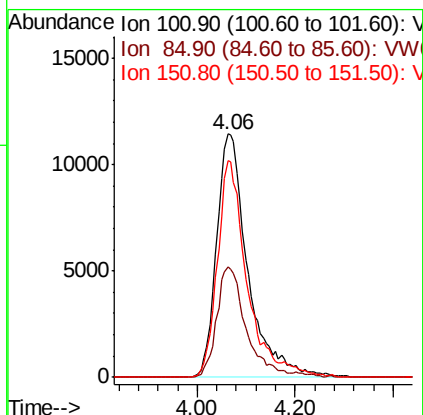
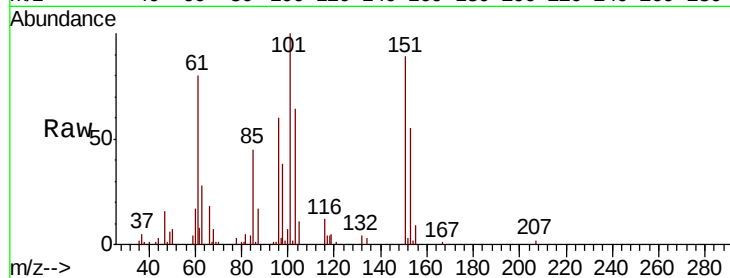
ClientSampleId :

VW1019SBS01

Tot Ion:	101	Resp:	50793
Ion Ratio	Lower	Upper	
101	100		
85	42.2	34.9	52.3
151	84.6	70.4	105.6

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#10

Methyl Iodide

Concen: 21.491 ug/l

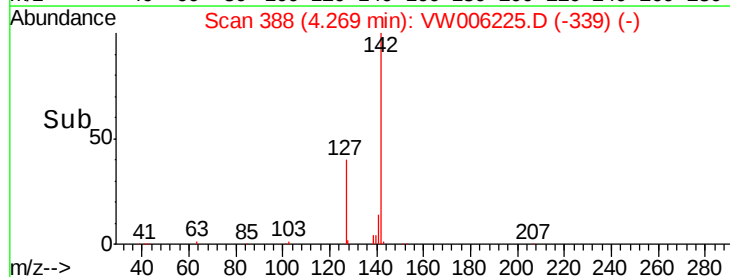
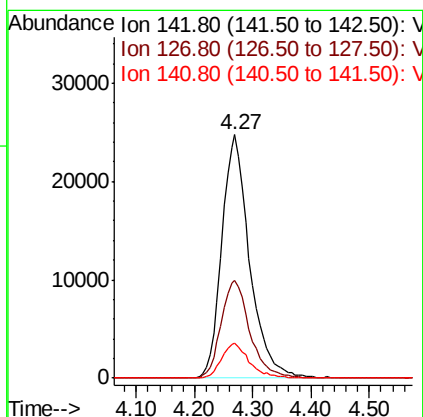
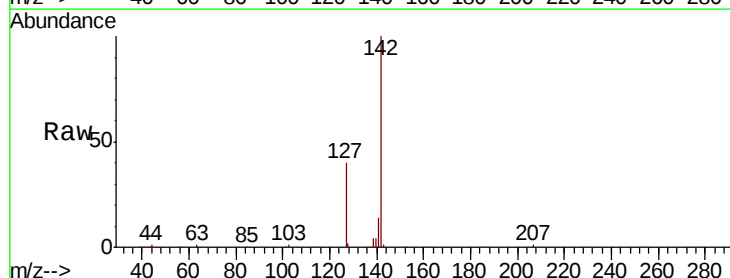
RT: 4.27 min Scan# 388

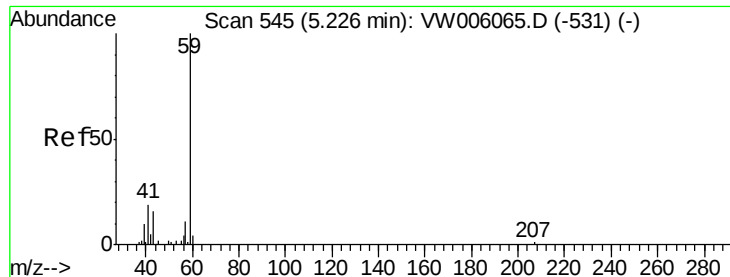
Delta R.T. -0.00 min

Lab File: VW006225.D

Acq: 19 Oct 2018 15:20

Tgt Ion:	142	Resp:	82031
Ion Ratio	Lower	Upper	
142	100		
127	41.4	33.6	50.4
141	14.2	11.6	17.4





#11

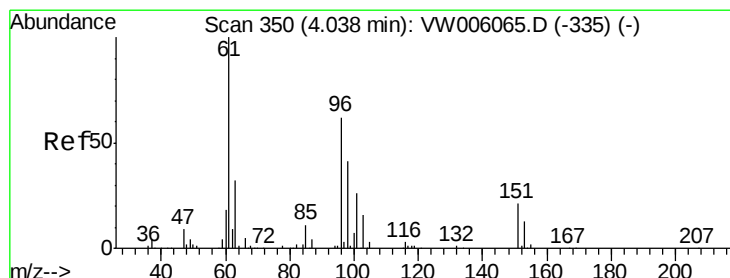
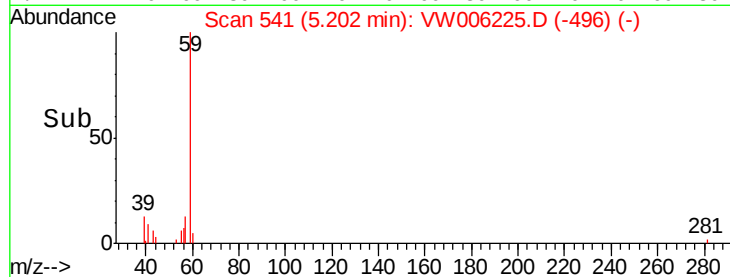
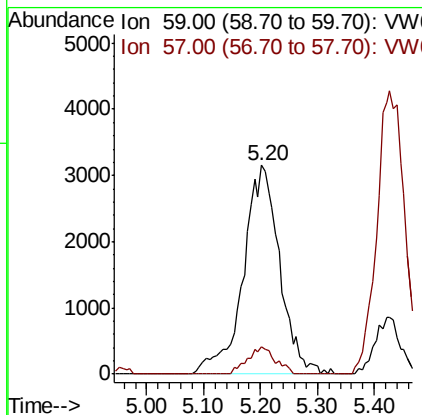
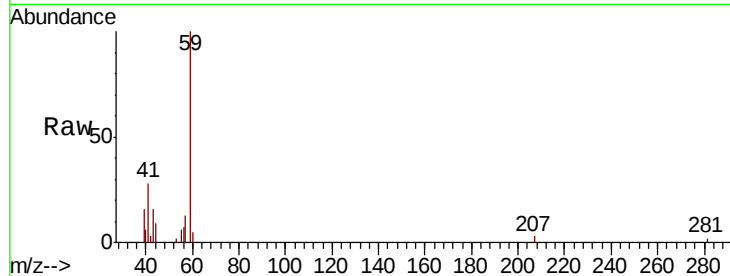
Tert butyl alcohol
 Concen: 97.373 ug/l
 RT: 5.20 min Scan# 541
 Delta R.T. -0.02 min
 Lab File: VW006225.D
 Acq: 19 Oct 2018 15:20

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1019SBS01

Tot Ion	59	Resp	14020
Ion Ratio	100	Lower	Upper
57	10.0	8.7	13.1

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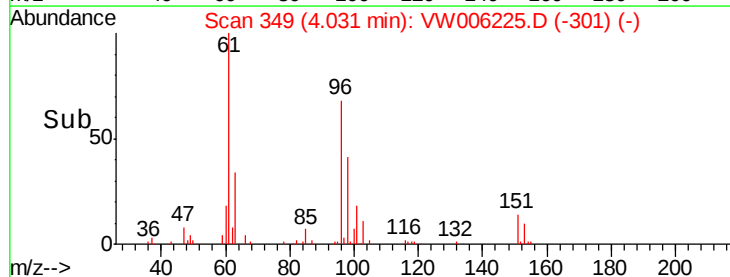
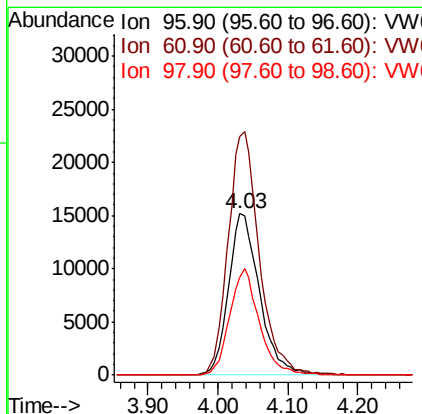
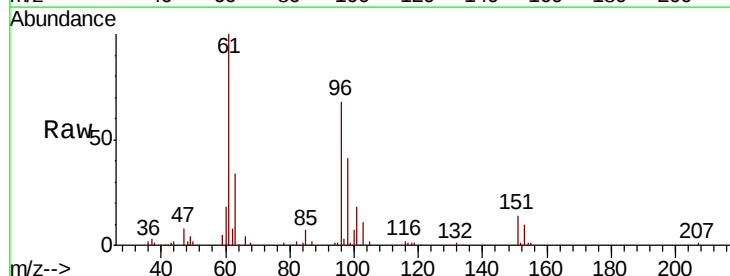
apatel
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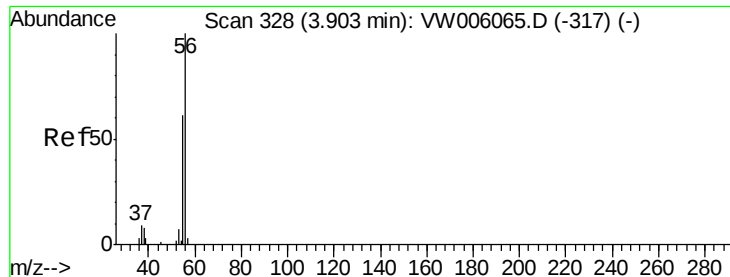


#12

1,1-Dichloroethene
 Concen: 21.681 ug/l
 RT: 4.03 min Scan# 349
 Delta R.T. -0.01 min
 Lab File: VW006225.D
 Acq: 19 Oct 2018 15:20

Tgt Ion	96	Resp	46778
Ion Ratio	100	Lower	Upper
61	147.6	129.3	193.9
98	60.4	53.1	79.7





#13

Acrolein

Concen: 102.468 ug/l

RT: 3.89 min Scan# 326

Delta R.T. -0.01 min

Lab File: VW006225.D

Acq: 19 Oct 2018 15:20

Instrument :

MSVOA_W

ClientSampleId :

VW1019SBS01

Tot Ion: 56 Resp: 14276

Ion Ratio Lower Upper

56 100

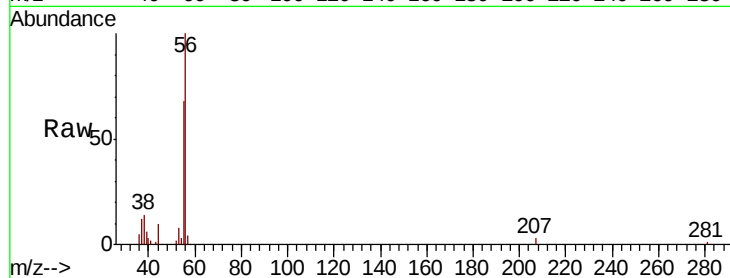
55 72.1 54.5 81.7

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Abundance Ion 56.00 (55.70 to 56.70): VW

Ion 55.00 (54.70 to 55.70): VW

3.89

6000

5000

4000

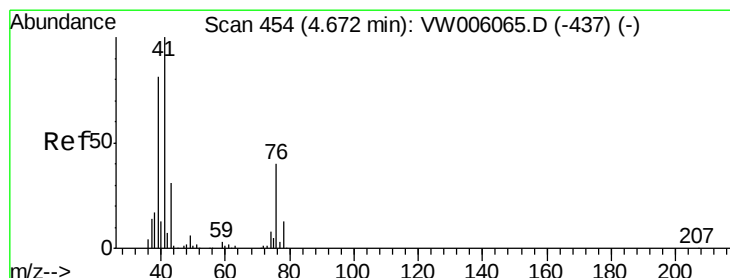
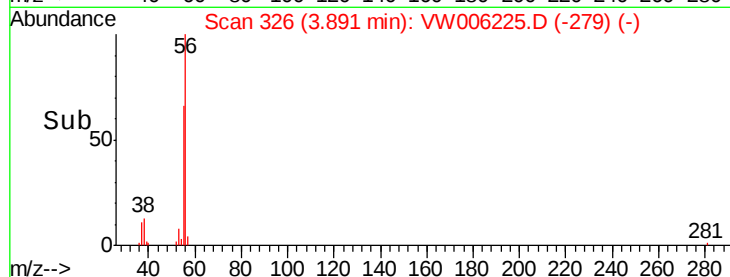
3000

2000

1000

0

Time-->



#14

Allyl chloride

Concen: 20.258 ug/l

RT: 4.67 min Scan# 453

Delta R.T. -0.01 min

Lab File: VW006225.D

Acq: 19 Oct 2018 15:20

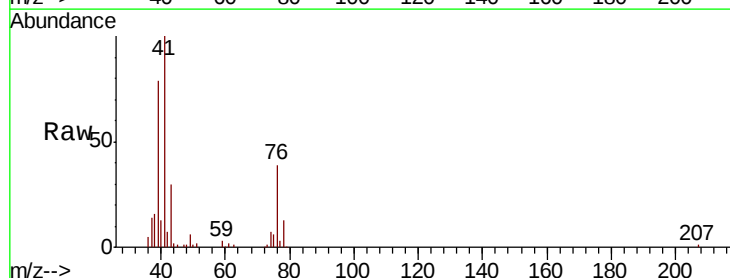
Tgt Ion: 41 Resp: 62496

Ion Ratio Lower Upper

41 100

39 81.4 64.1 96.1

76 40.3 32.2 48.4



Abundance Ion 41.00 (40.70 to 41.70): VW

Ion 39.00 (38.70 to 39.70): VW

Ion 75.90 (75.60 to 76.60): VW

4.67

25000

20000

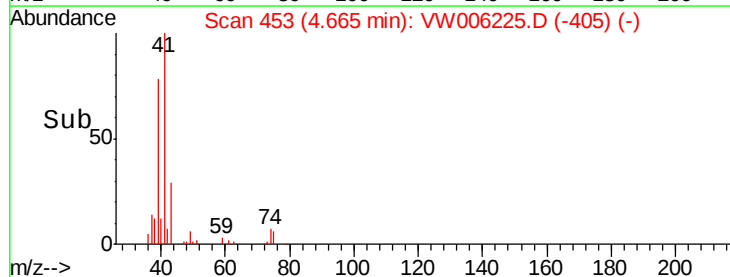
15000

10000

5000

0

Time-->





#15

Acrylonitrile

Concen: 106.367 ug/l

RT: 5.37 min Scan# 569

Delta R.T. -0.01 min

Lab File: VW006225.D

Acq: 19 Oct 2018 15:20

Instrument :

MSVOA_W

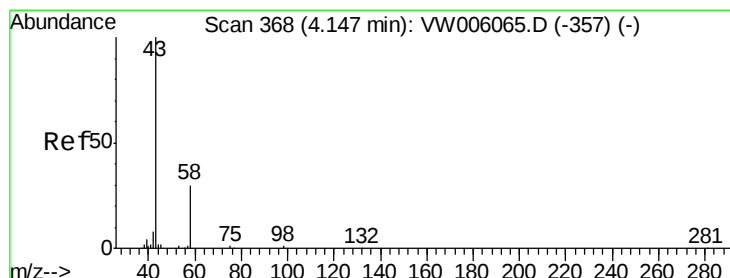
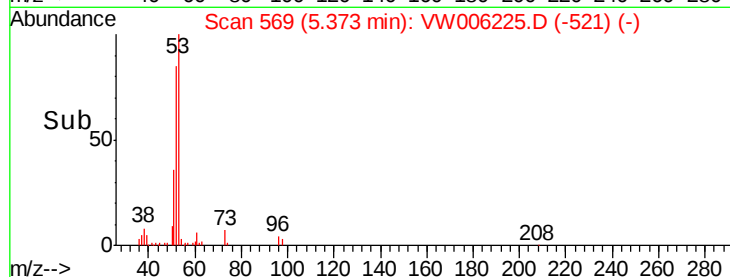
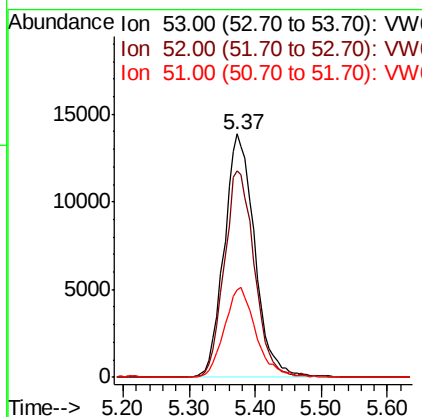
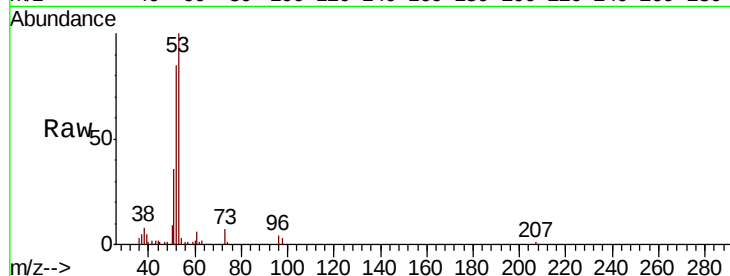
ClientSampleId :

VW1019SBSD01

Tot Ion:	53	Resp:	44370
Ion	Ratio	Lower	Upper
53	100		
52	83.2	66.9	100.3
51	38.0	30.1	45.1

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#16

Acetone

Concen: 123.082 ug/l

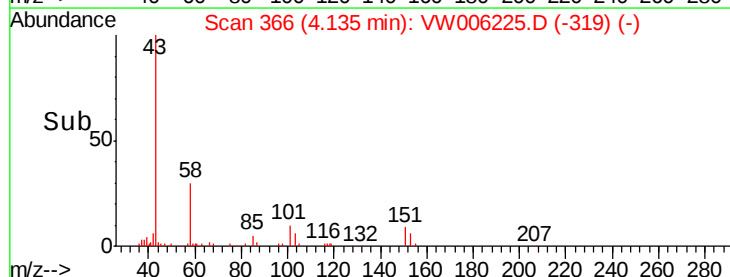
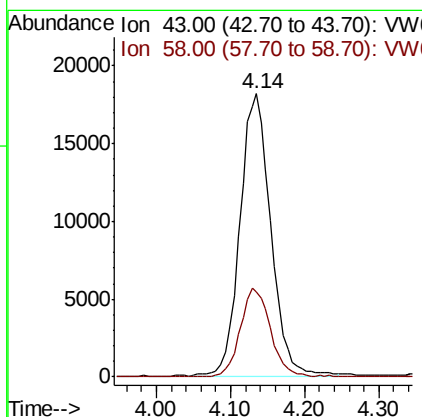
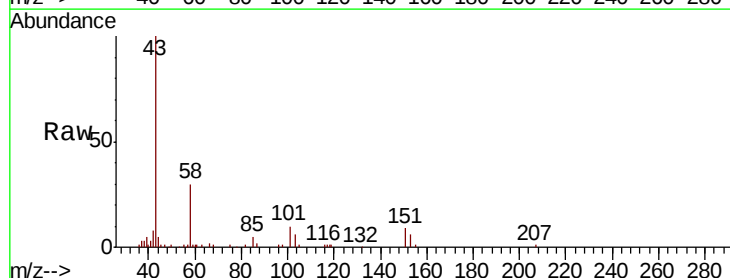
RT: 4.14 min Scan# 366

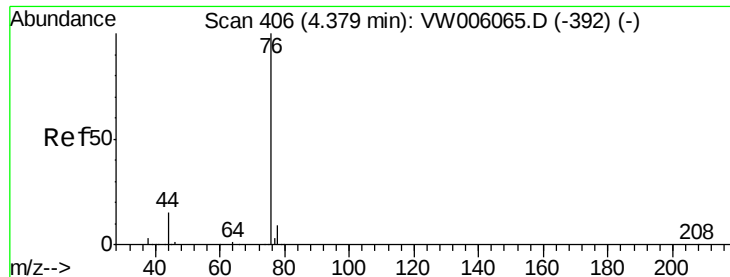
Delta R.T. -0.01 min

Lab File: VW006225.D

Acq: 19 Oct 2018 15:20

Tgt Ion:	43	Resp:	52453
Ion	Ratio	Lower	Upper
43	100		
58	30.2	24.0	36.0





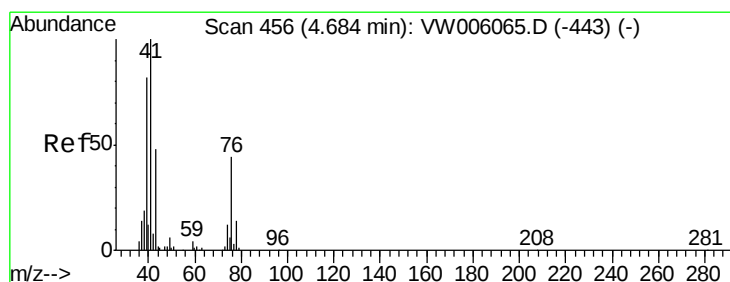
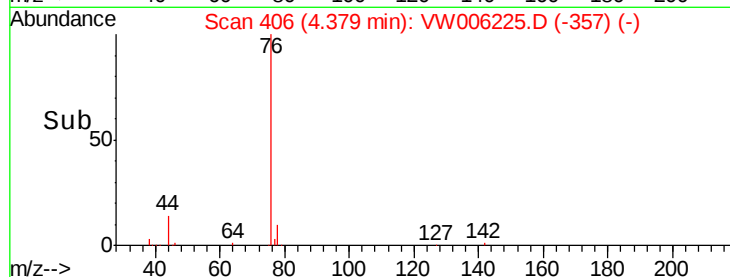
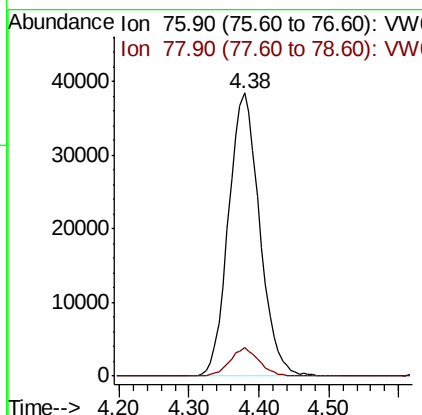
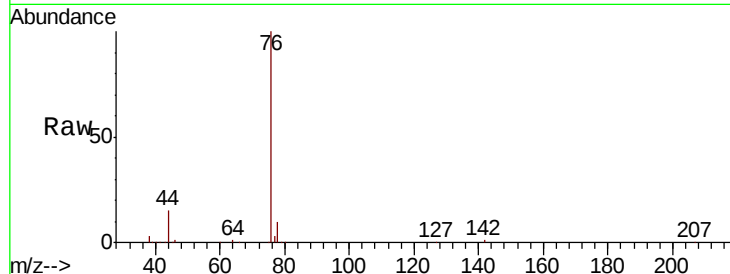
#17
Carbon Disulfide
Concen: 18.250 ug/l
RT: 4.38 min Scan# 406
Delta R.T. -0.00 min
Lab File: VW006225.D
Acq: 19 Oct 2018 15:20

Instrument :
MSVOA_W
ClientSampleId :
VW1019SBSD01

Tot Ion	Ratio	Lower	Upper
76	100		
78	10.2	7.5	11.3

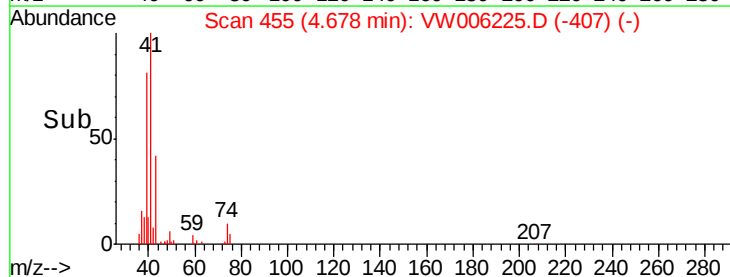
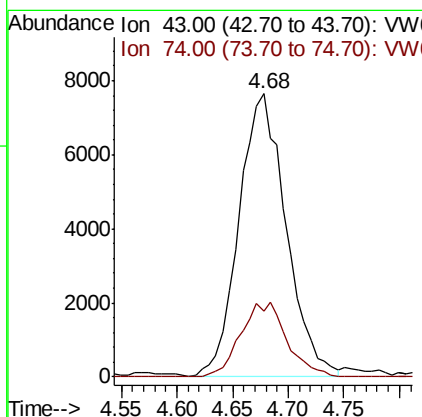
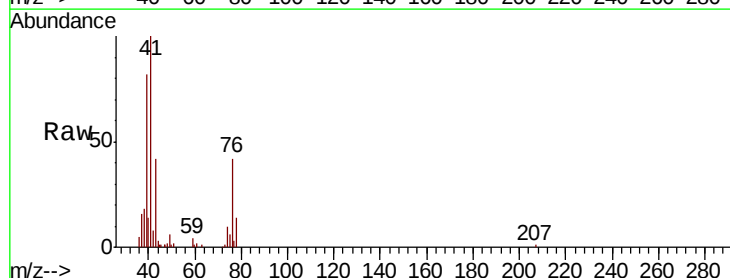
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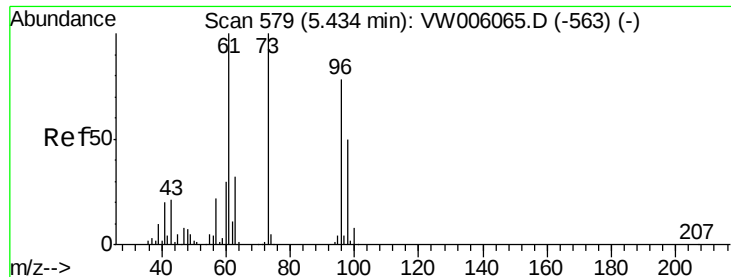
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#18
Methyl Acetate
Concen: 20.882 ug/l
RT: 4.68 min Scan# 455
Delta R.T. -0.01 min
Lab File: VW006225.D
Acq: 19 Oct 2018 15:20

Tgt Ion	Ratio	Lower	Upper
43	100		
74	25.8	20.5	30.7





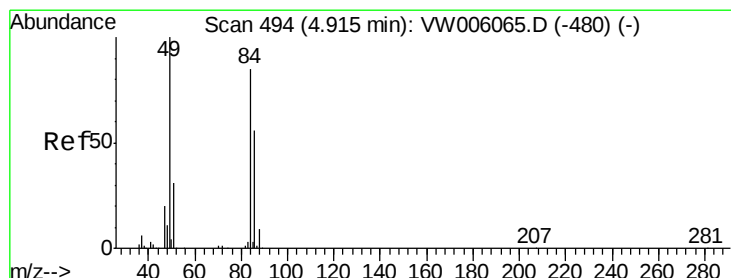
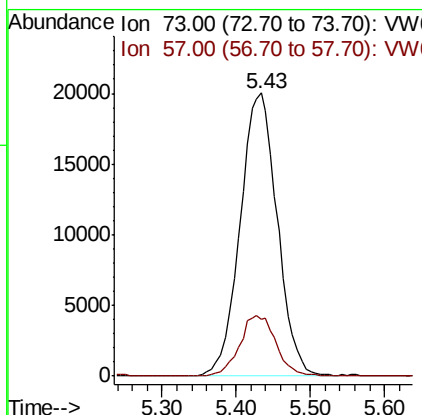
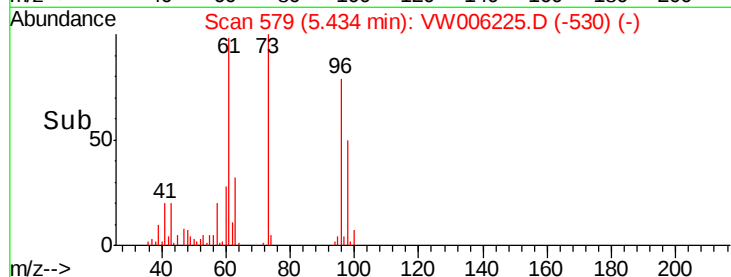
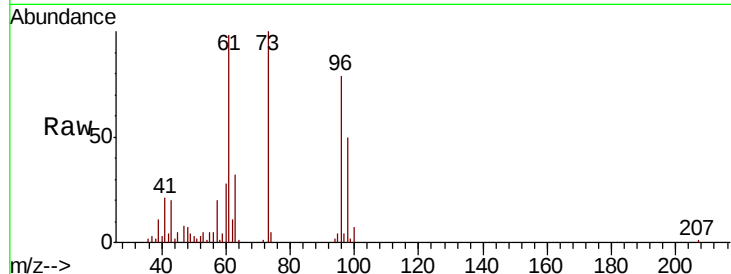
#19
Methvl tert-butvl Ether
Concen: 21.287 ug/l
RT: 5.43 min Scan# 579
Delta R.T. -0.00 min
Lab File: VW006225.D
Acq: 19 Oct 2018 15:20

Instrument :
MSVOA_W
ClientSampleId :
VW1019SBS01

Tot Ion	Ratio	Lower	Upper
73	100		
57	20.1	17.4	26.2

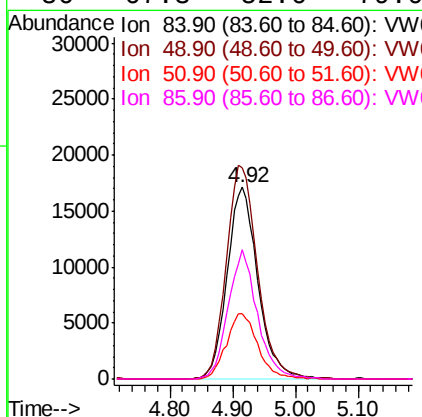
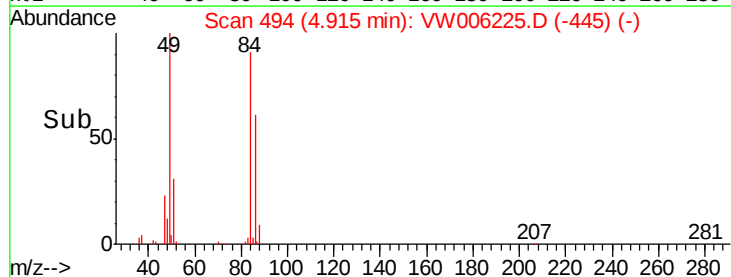
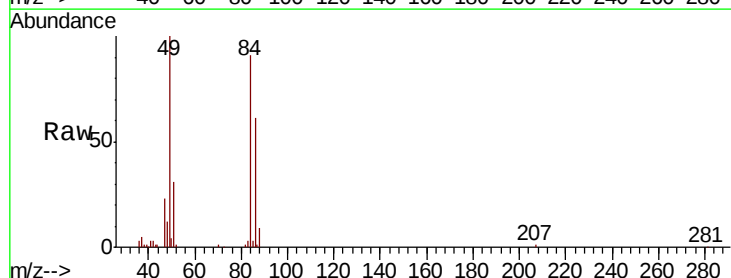
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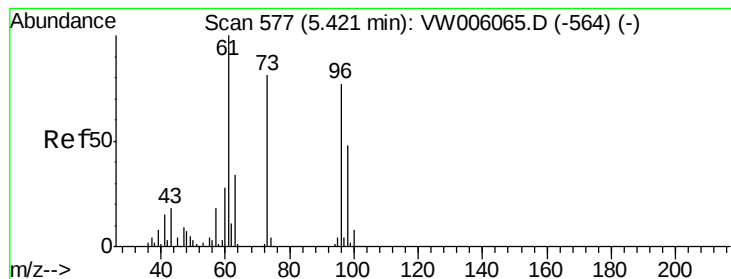
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#20
Methylene Chloride
Concen: 24.844 ug/l
RT: 4.92 min Scan# 494
Delta R.T. 0.00 min
Lab File: VW006225.D
Acq: 19 Oct 2018 15:20

Tgt Ion	Ratio	Lower	Upper
84	100		
49	109.9	93.6	140.4
51	33.7	29.0	43.4
86	67.3	52.6	79.0





#21

trans-1,2-Dichloroethene

Concen: 21.846 ug/l

RT: 5.42 min Scan# 577

Delta R.T. -0.00 min

Lab File: VW006225.D

Acq: 19 Oct 2018 15:20

Instrument :

MSVOA_W

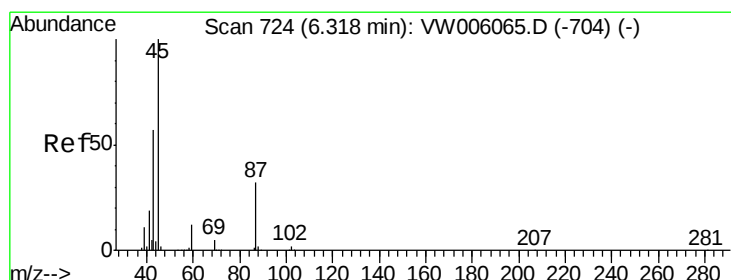
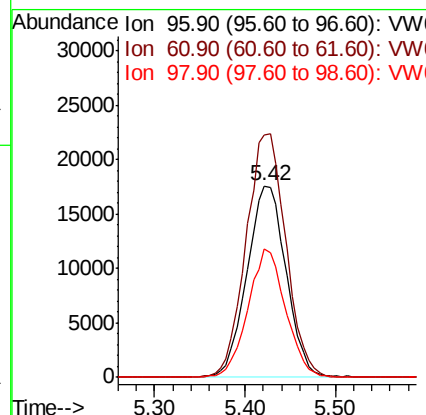
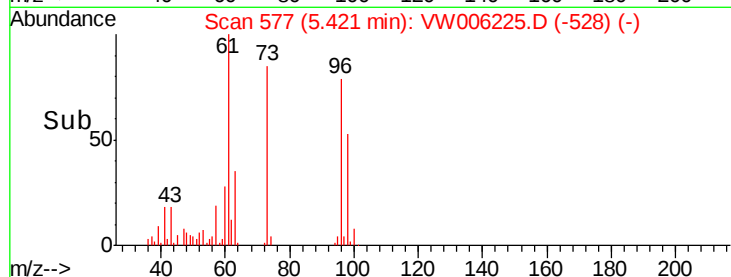
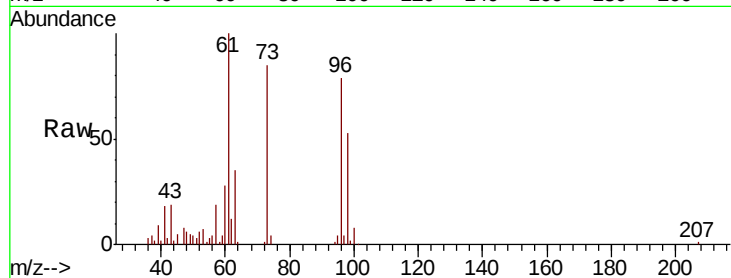
ClientSampleId :

VW1019SBS01

Tot Ion:	96	Resp:	52612
Ion	Ratio	Lower	Upper
96	100		
61	126.3	104.5	156.7
98	66.8	50.6	75.8

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#22

Diisopropyl ether

Concen: 21.631 ug/l

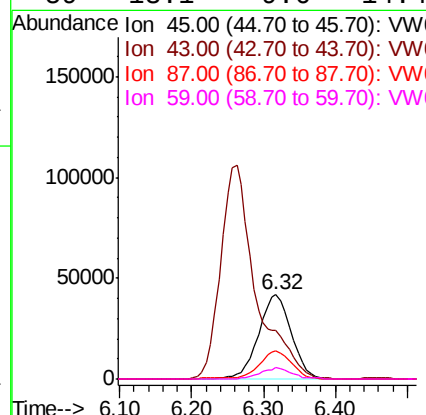
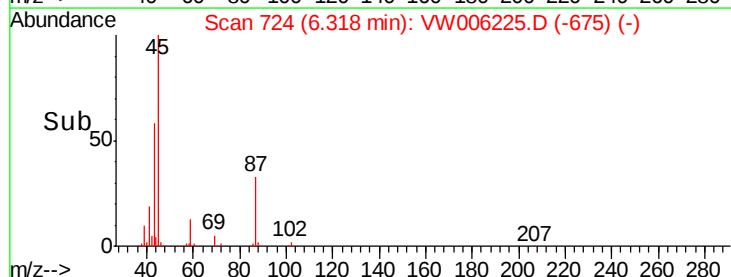
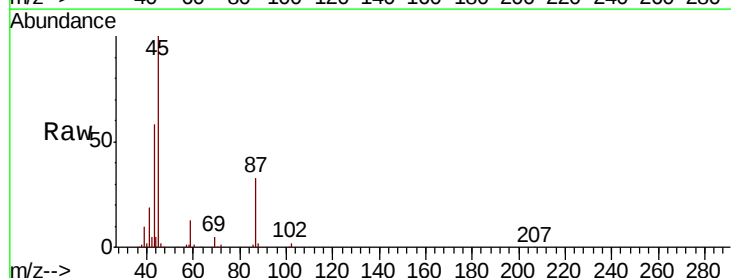
RT: 6.32 min Scan# 724

Delta R.T. -0.00 min

Lab File: VW006225.D

Acq: 19 Oct 2018 15:20

Tgt Ion:	45	Resp:	131870
Ion	Ratio	Lower	Upper
45	100		
43	57.8	45.7	68.5
87	33.1	25.9	38.9
59	13.1	9.6	14.4





#23

Vinyl Acetate

Concen: 100.307 ug/l

RT: 6.26 min Scan# 715

Delta R.T. -0.00 min

Lab File: VW006225.D

Acq: 19 Oct 2018 15:20

Instrument :

MSVOA_W

ClientSampleId :

VW1019SBS01

Tot Ion: 43 Resp: 360888

Ion Ratio Lower Upper

43 100

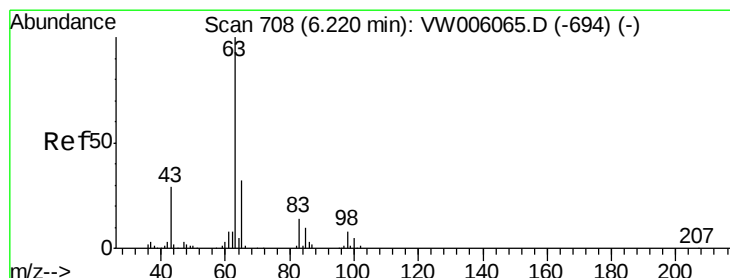
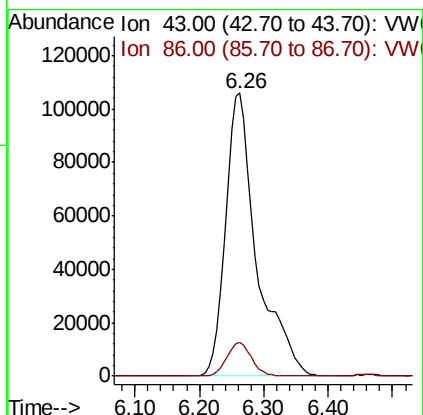
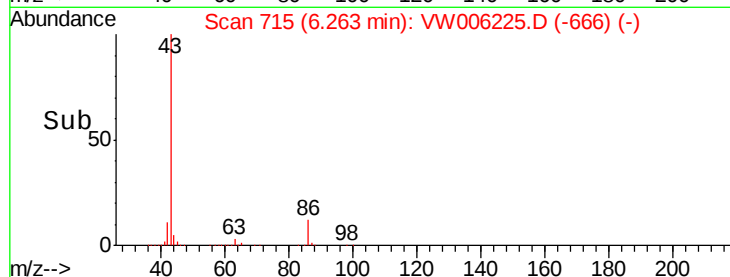
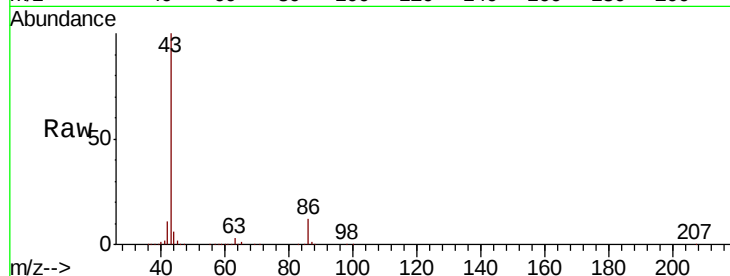
86 11.8 9.0 13.6

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#24

1,1-Dichloroethane

Concen: 22.275 ug/l

RT: 6.22 min Scan# 708

Delta R.T. -0.00 min

Lab File: VW006225.D

Acq: 19 Oct 2018 15:20

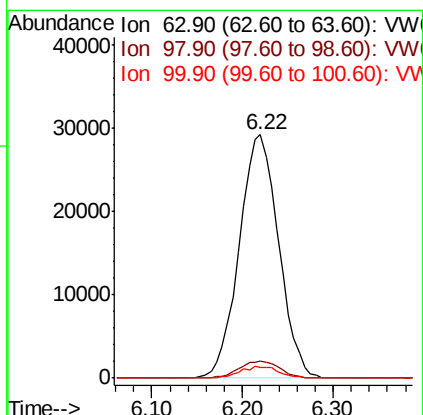
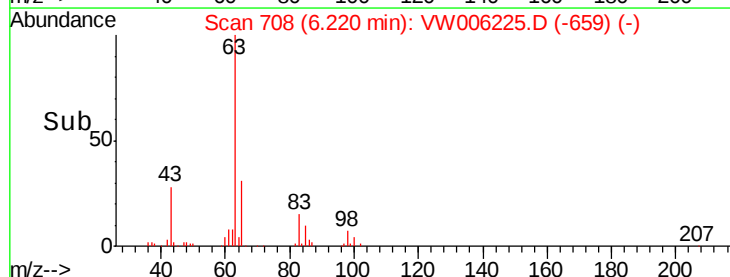
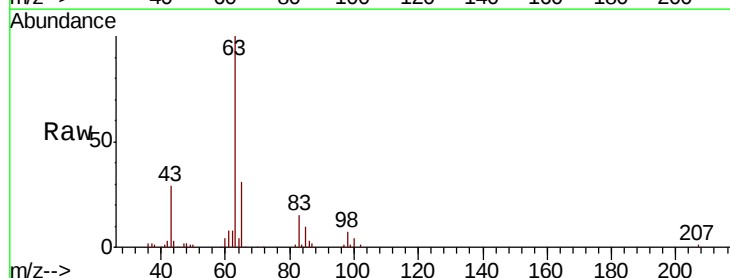
Tgt Ion: 63 Resp: 87625

Ion Ratio Lower Upper

63 100

98 7.1 3.8 11.2

100 4.2 2.5 7.5





#25

2-Butanone

Concen: 111.903 ug/l

RT: 7.18 min Scan# 866

Delta R.T. -0.00 min

Lab File: VW006225.D

Acq: 19 Oct 2018 15:20

Instrument :

MSVOA_W

ClientSampleId :

VW1019SBS01

Tot Ion: 43 Resp: 64719

Ion Ratio Lower Upper

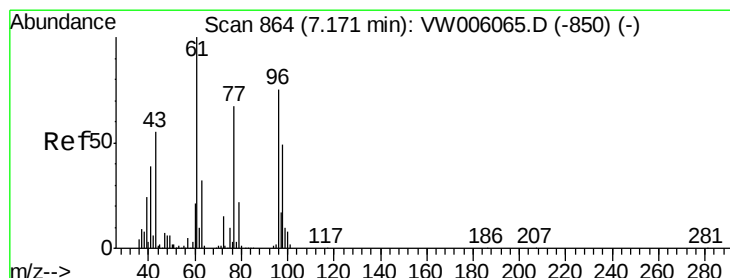
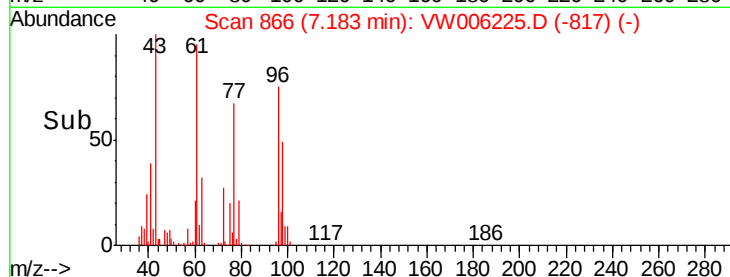
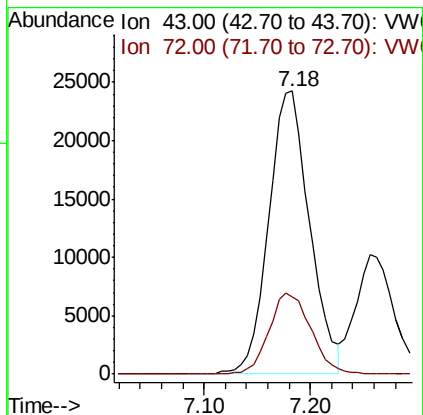
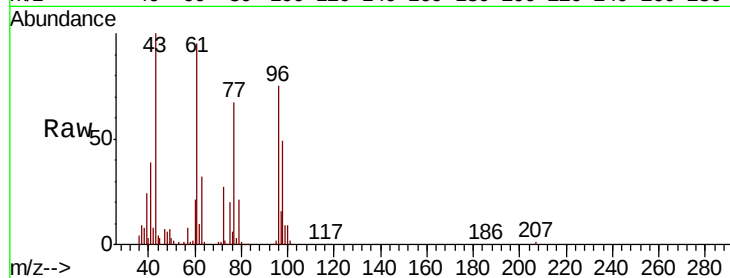
43 100

72 27.3 22.8 34.2

Manual Integrations
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#26

2,2-Dichloropropane

Concen: 20.886 ug/l

RT: 7.17 min Scan# 864

Delta R.T. -0.00 min

Lab File: VW006225.D

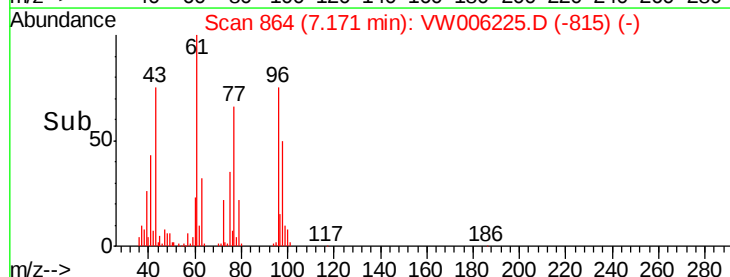
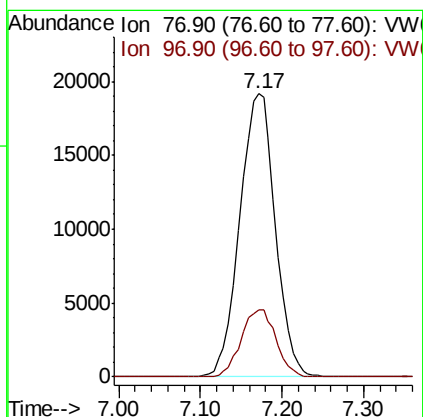
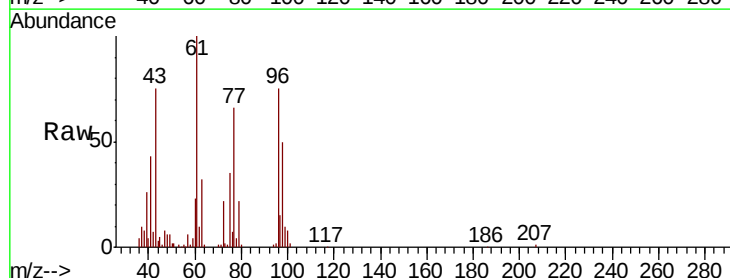
Acq: 19 Oct 2018 15:20

Tgt Ion: 77 Resp: 57948

Ion Ratio Lower Upper

77 100

97 23.3 12.2 36.4





#27

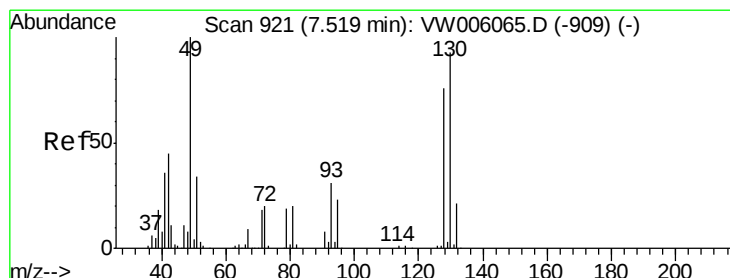
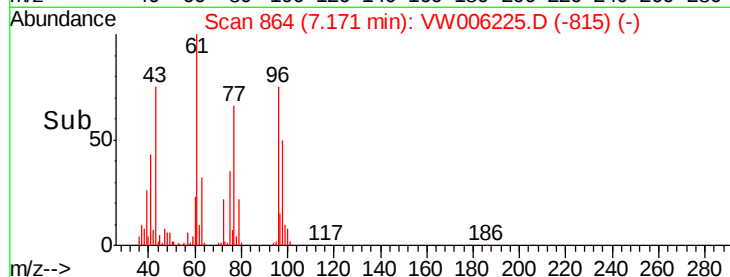
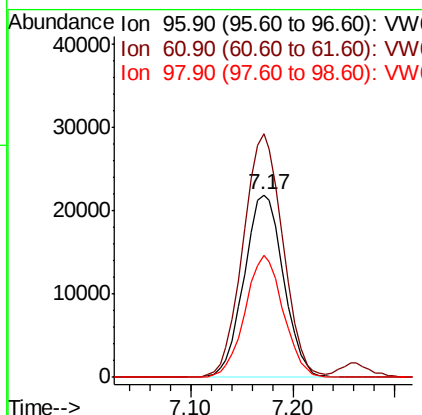
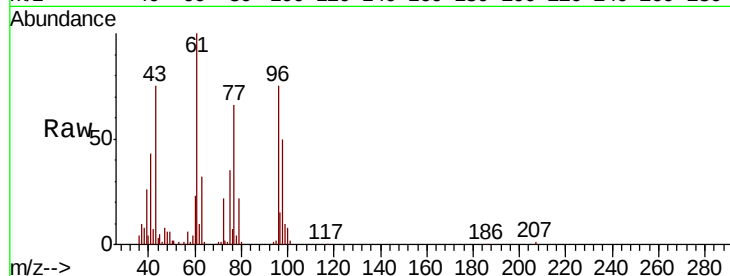
cis-1,2-Dichloroethene
 Concen: 22.101 ug/l
 RT: 7.17 min Scan# 864
 Delta R.T. -0.00 min
 Lab File: VW006225.D
 Acq: 19 Oct 2018 15:20

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1019SBSD01

Tot Ion	Ratio	Lower	Upper
96	100		
61	134.3	0.0	267.2
98	64.7	0.0	128.6

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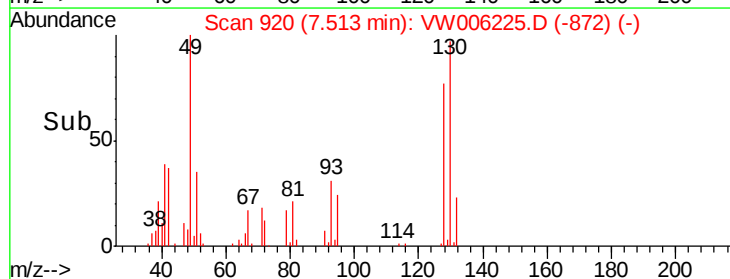
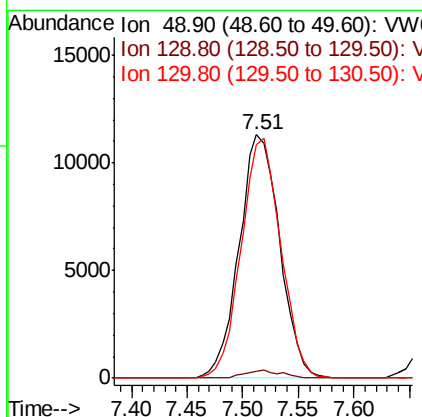
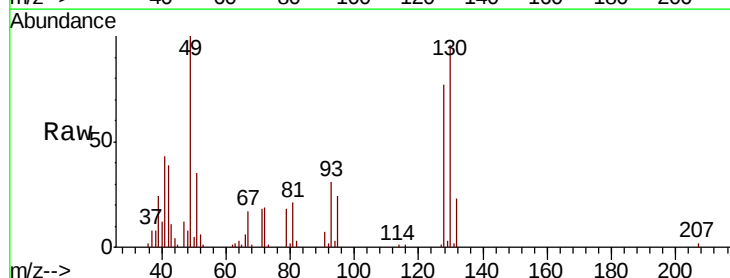
apatel
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#28

Bromochloromethane
 Concen: 18.865 ug/l
 RT: 7.51 min Scan# 920
 Delta R.T. -0.01 min
 Lab File: VW006225.D
 Acq: 19 Oct 2018 15:20

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.8	0.0	5.0
130	95.9	73.8	110.8





#29

Tetrahydrofuran

Concen: 100.867 ug/l

RT: 7.54 min Scan# 924

Delta R.T. -0.01 min

Lab File: VW006225.D

Acq: 19 Oct 2018 15:20

Instrument :

MSVOA_W

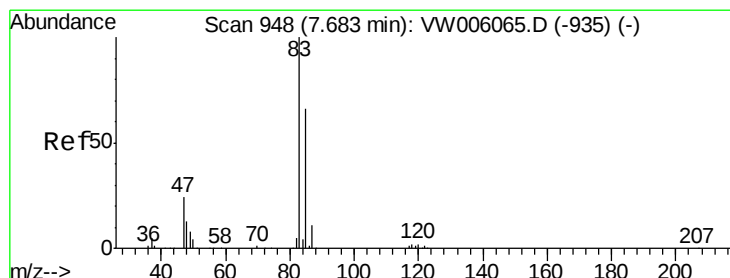
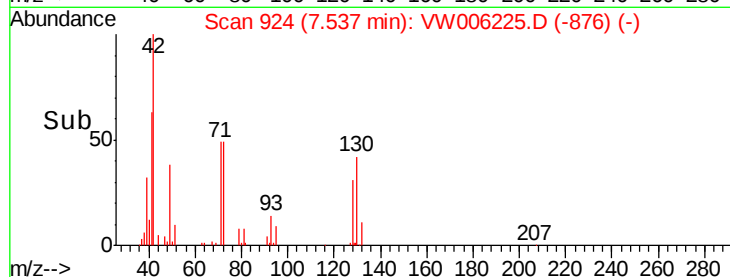
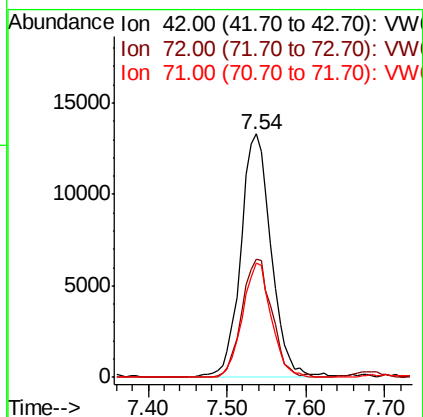
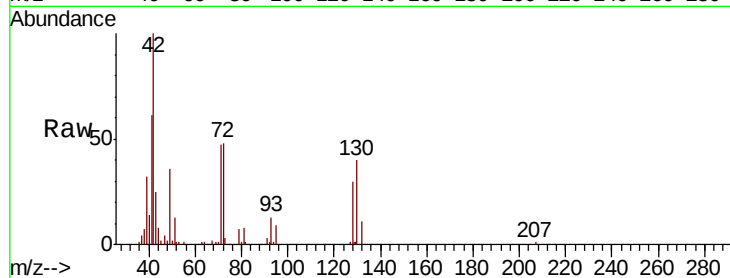
ClientSampleId :

VW1019SBS01

Tot Ion:	42	Resp:	35858
Ion Ratio	Lower	Upper	
42	100		
72	47.7	38.0	57.0
71	44.0	35.3	52.9

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#30

Chloroform

Concen: 22.140 ug/l

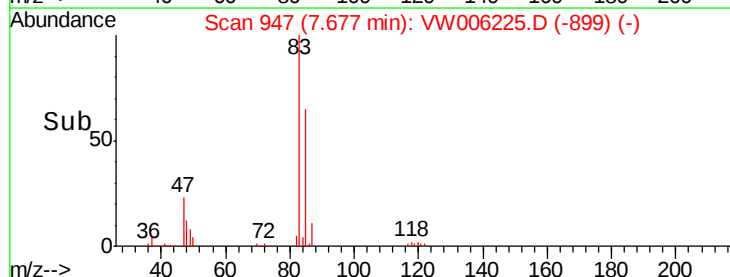
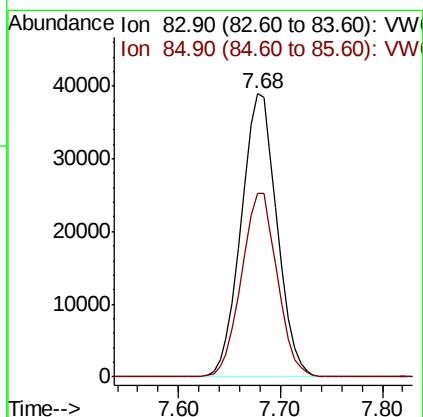
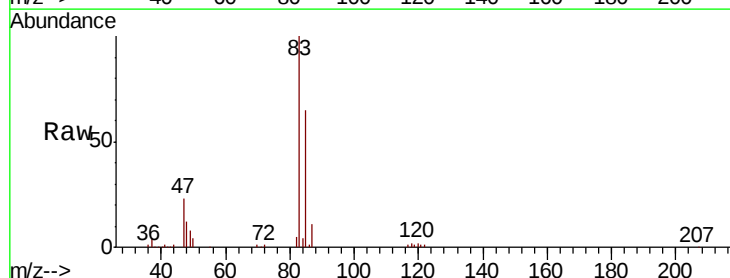
RT: 7.68 min Scan# 947

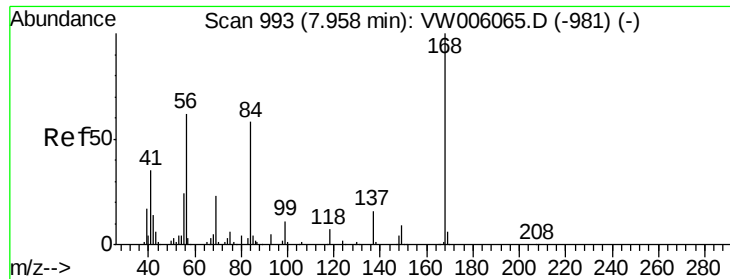
Delta R.T. -0.01 min

Lab File: VW006225.D

Acq: 19 Oct 2018 15:20

Tgt Ion:	83	Resp:	94889
Ion Ratio	Lower	Upper	
83	100		
85	64.7	52.6	79.0





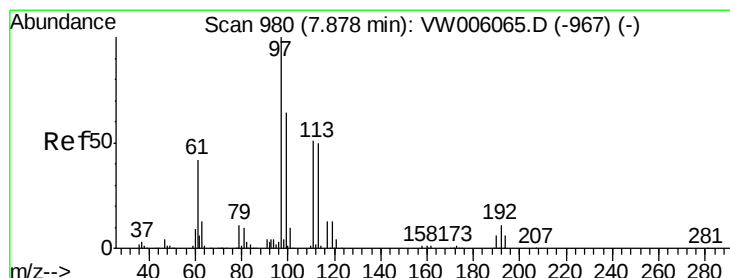
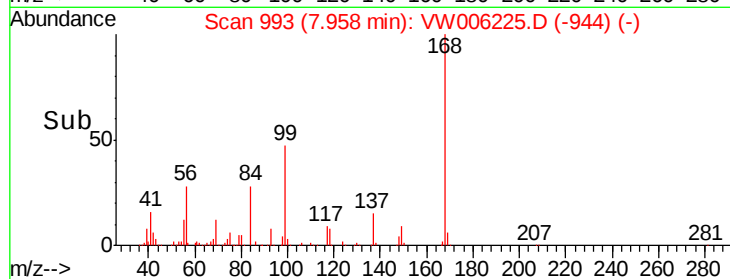
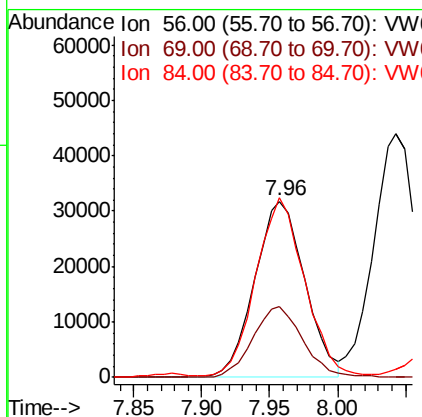
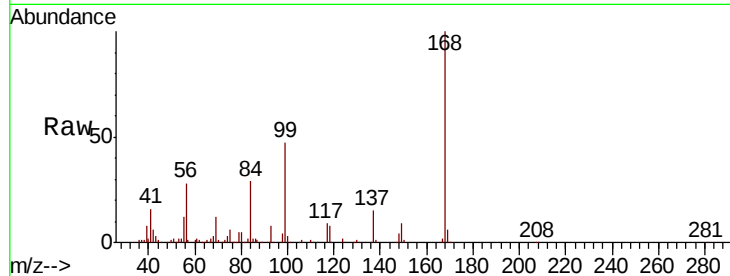
#31
Cyclohexane
Concen: 20.942 ug/l
RT: 7.96 min Scan# 993
Delta R.T. -0.00 min
Lab File: VW006225.D
Acq: 19 Oct 2018 15:20

Instrument :
MSVOA_W
ClientSampleId :
VW1019SBS01

Tot Ion	Ratio	Lower	Upper
56	100		
69	40.6	29.4	44.0
84	101.0	74.0	111.0

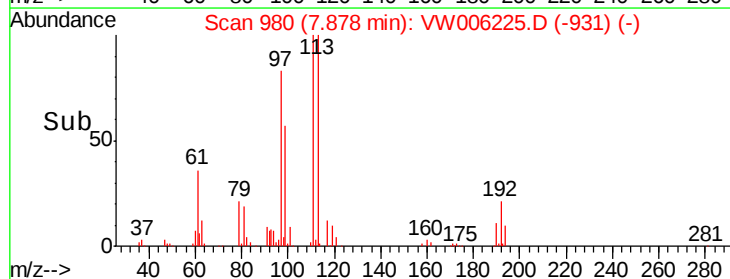
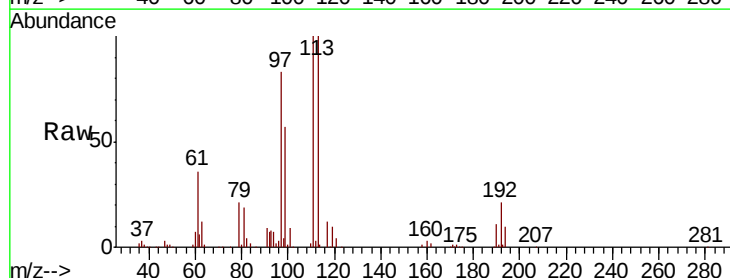
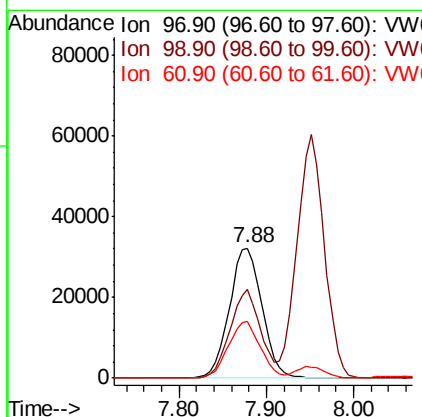
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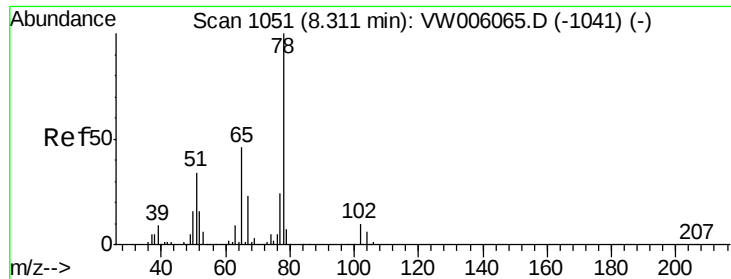
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#32
1,1,1-Trichloroethane
Concen: 21.606 ug/l
RT: 7.88 min Scan# 980
Delta R.T. -0.00 min
Lab File: VW006225.D
Acq: 19 Oct 2018 15:20

Tgt Ion	Ratio	Lower	Upper
97	100		
99	62.9	50.9	76.3
61	42.8	33.7	50.5





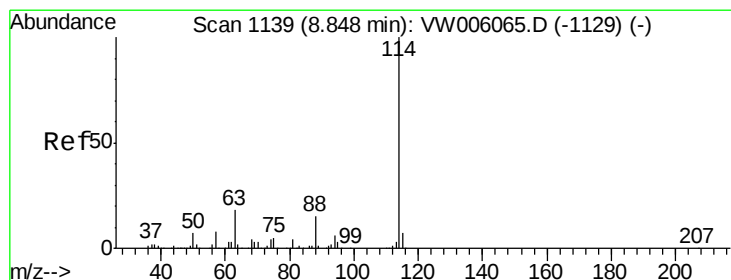
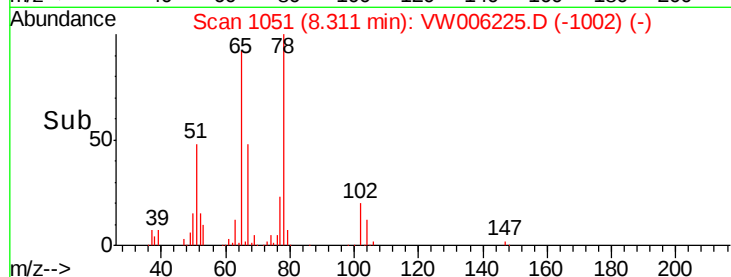
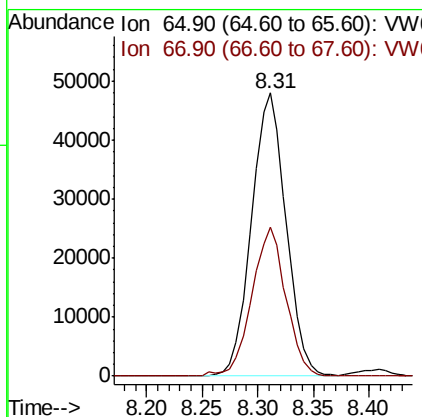
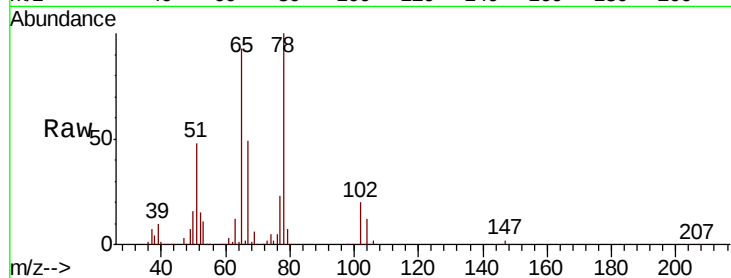
#33
 1,2-Dichloroethane-d4
 Concen: 48.470 ug/l
 RT: 8.31 min Scan# 1051
 Delta R.T. -0.00 min
 Lab File: VW006225.D
 Acq: 19 Oct 2018 15:20

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1019SBS01

Tot Ion	Ratio	Resp	Lower	Upper
65	100	103767		
67	52.0	0.0	101.0	

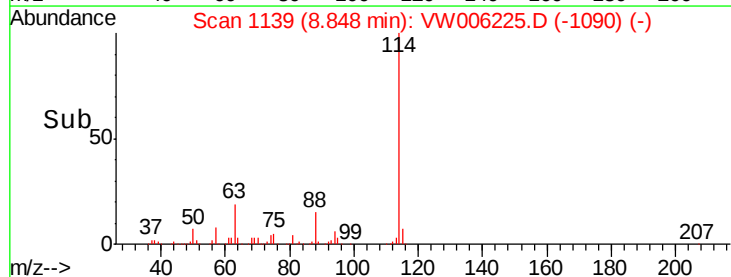
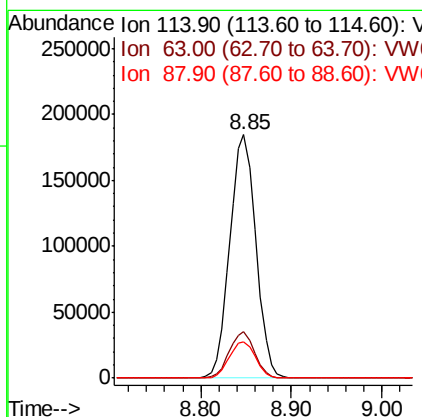
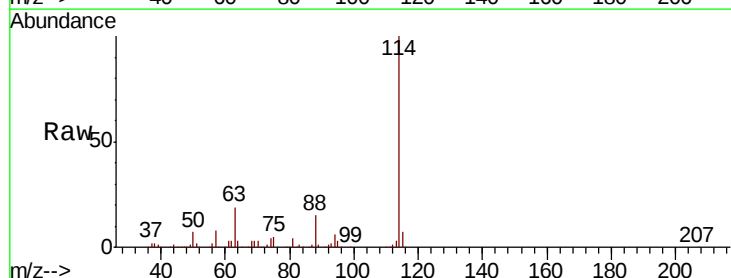
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.85 min Scan# 1139
 Delta R.T. -0.00 min
 Lab File: VW006225.D
 Acq: 19 Oct 2018 15:20

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	368249		
63	18.9	0.0	36.8	
88	14.9	0.0	29.0	





#35

Dibromofluoromethane

Concen: 49.611 ug/l

RT: 7.89 min Scan# 982

Delta R.T. -0.00 min

Lab File: VW006225.D

Acq: 19 Oct 2018 15:20

Instrument :

MSVOA_W

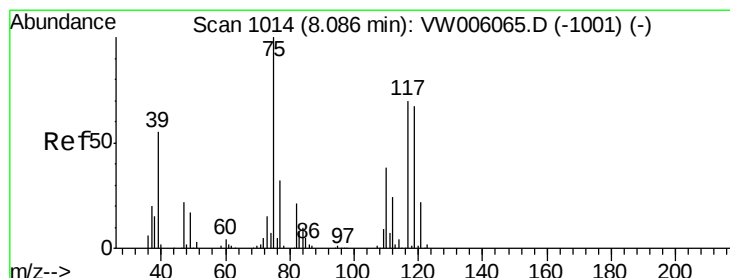
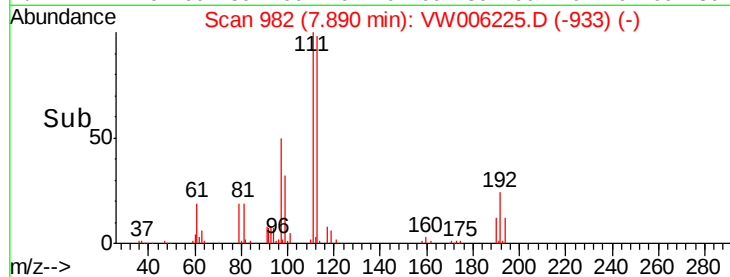
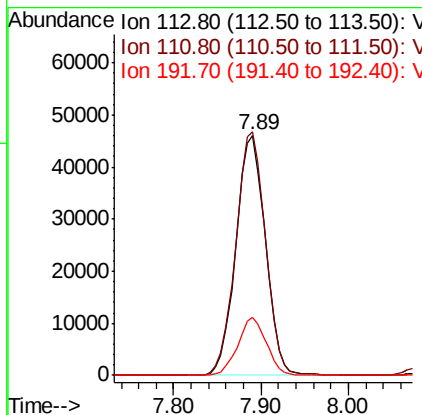
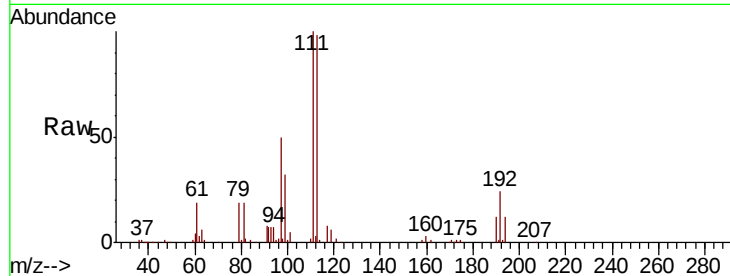
ClientSampleId :

VW1019SBS01

Tot Ion:	113	Resp:	107951
Ion Ratio	Lower	Upper	
113	100		
111	102.2	81.4	122.0
192	23.2	18.7	28.1

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#36

1,1-Dichloropropene

Concen: 22.602 ug/l

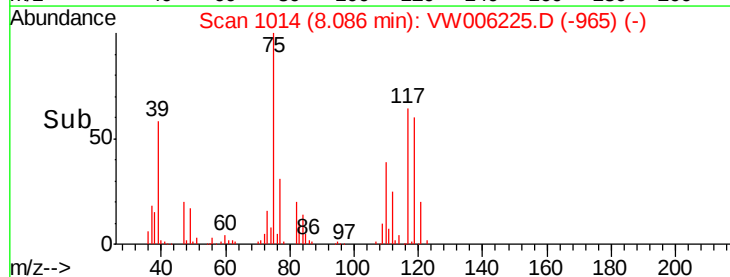
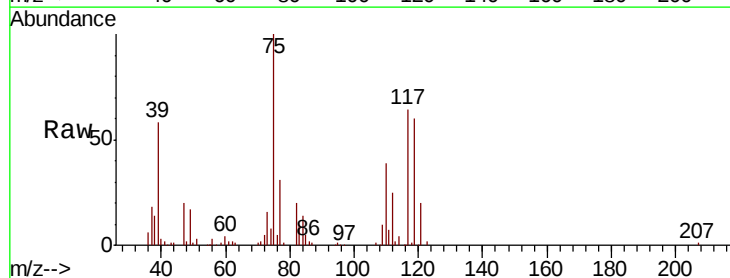
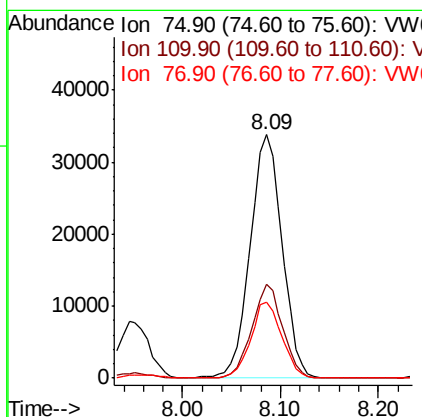
RT: 8.09 min Scan# 1014

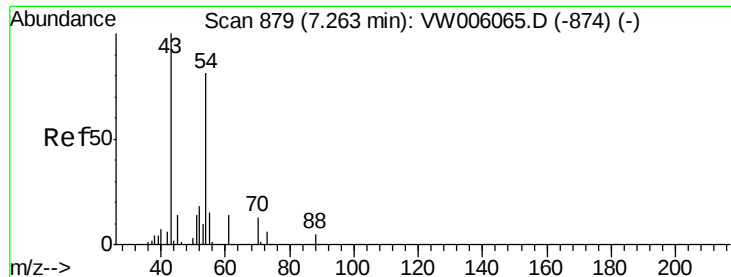
Delta R.T. -0.00 min

Lab File: VW006225.D

Acq: 19 Oct 2018 15:20

Tgt Ion:	75	Resp:	76717
Ion Ratio	Lower	Upper	
75	100		
110	36.8	19.1	57.1
77	30.4	25.0	37.4





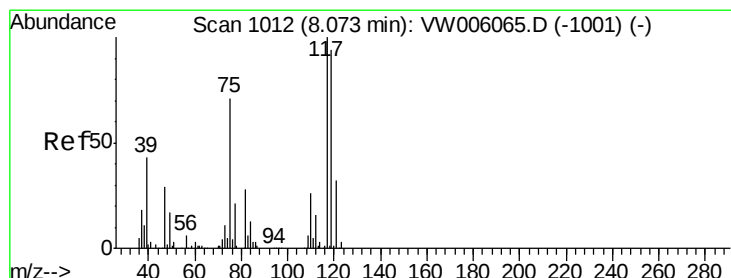
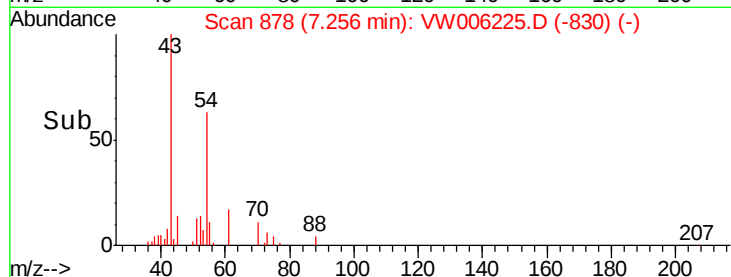
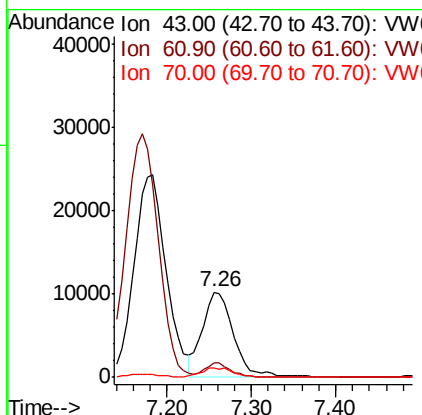
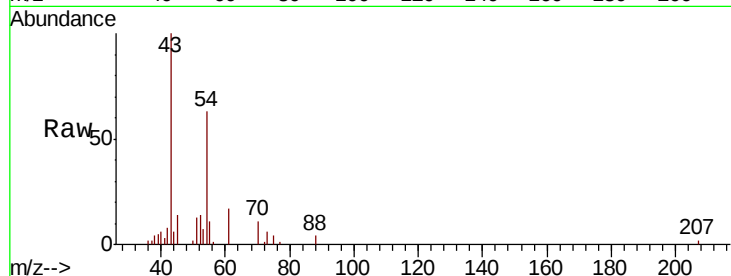
#37
Ethyl Acetate
Concen: 20.681 ug/l
RT: 7.26 min Scan# 878
Delta R.T. -0.01 min
Lab File: VW006225.D
Acq: 19 Oct 2018 15:20

Instrument :
MSVOA_W
ClientSampleID :
VW1019SBSD01

Tot Ion	Ratio	Lower	Upper
43	100		
61	14.1	11.5	17.3
70	11.3	9.2	13.8

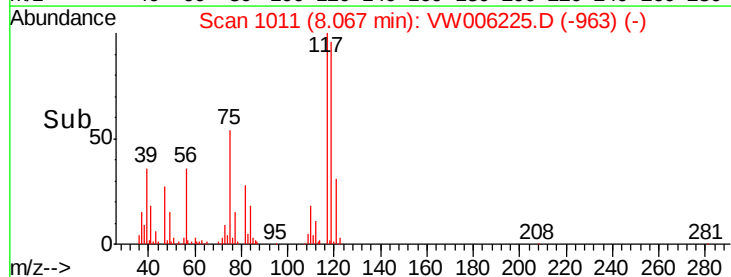
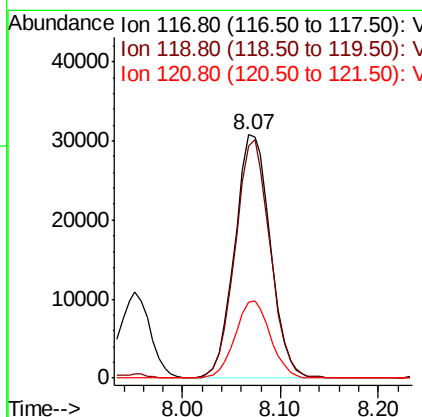
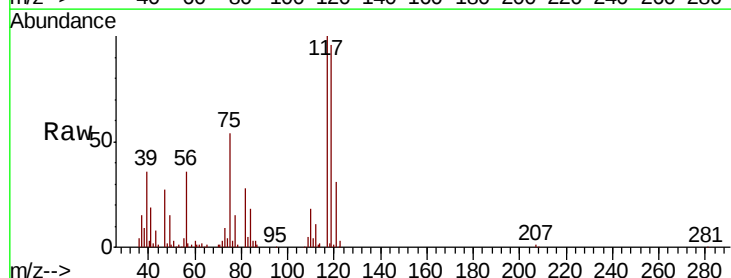
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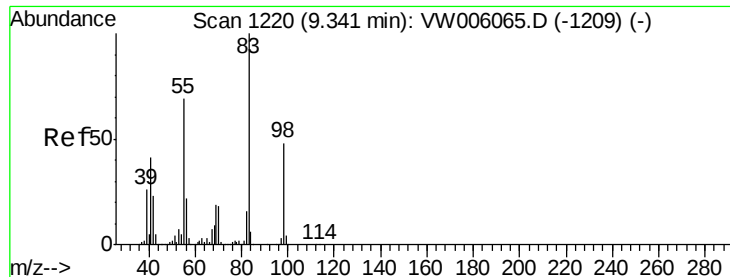
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#38
Carbon Tetrachloride
Concen: 20.899 ug/l
RT: 8.07 min Scan# 1011
Delta R.T. -0.01 min
Lab File: VW006225.D
Acq: 19 Oct 2018 15:20

Tgt Ion	Ratio	Lower	Upper
117	100		
119	95.5	75.2	112.8
121	31.0	25.3	37.9





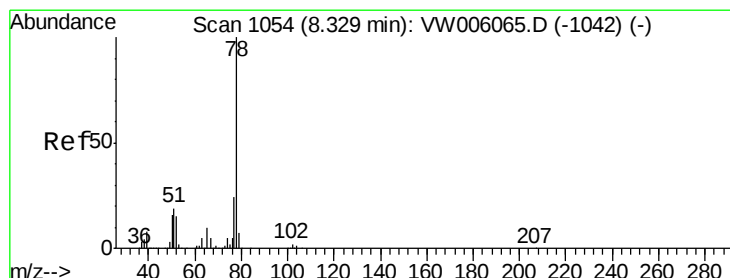
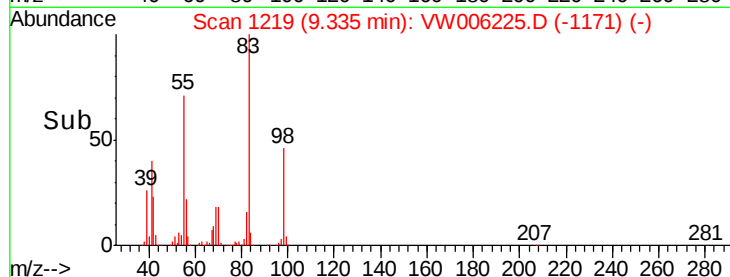
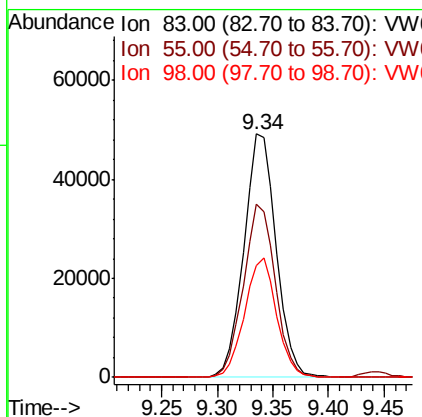
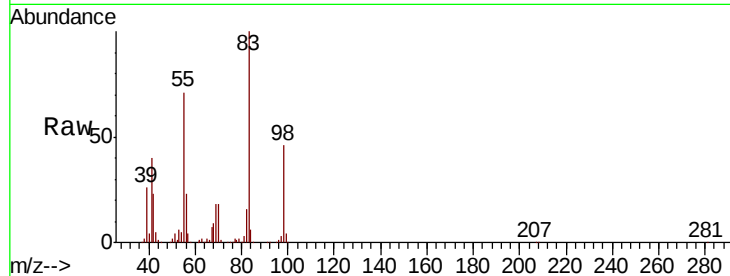
#39
Methvlcvclohexane
Concen: 21.975 ug/l
RT: 9.34 min Scan# 1219
Delta R.T. -0.01 min
Lab File: VW006225.D
Acq: 19 Oct 2018 15:20

Instrument :
MSVOA_W
ClientSampleId :
VW1019SBSD01

Tot Ion	Ratio	Lower	Upper
83	100		
55	71.2	55.0	82.6
98	45.8	38.6	57.8

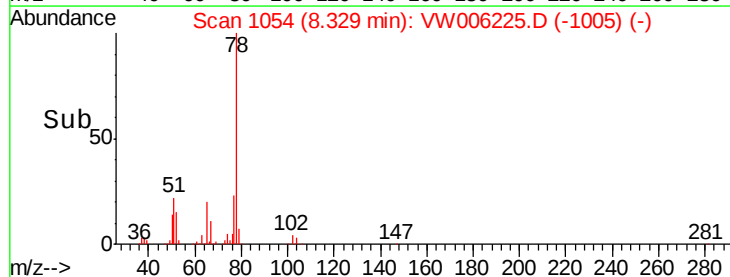
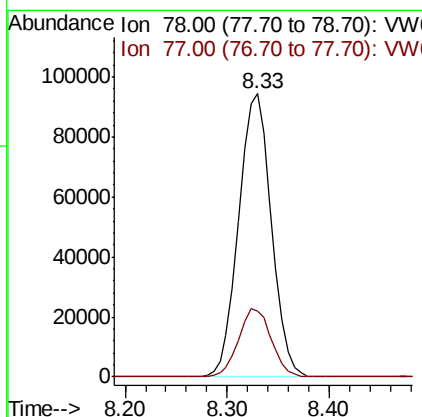
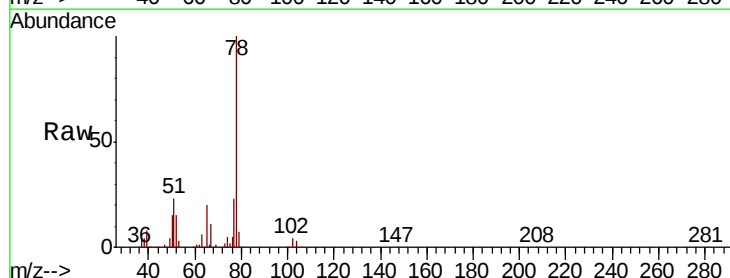
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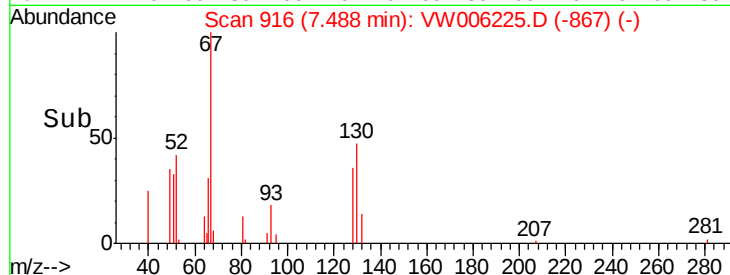
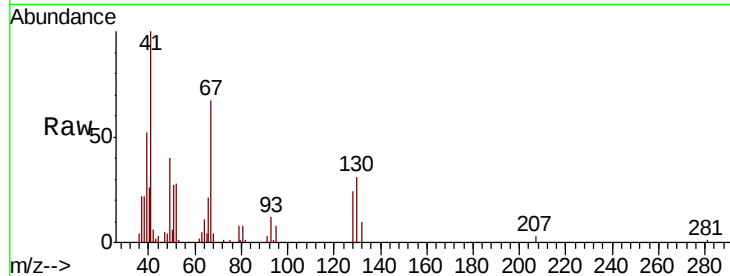
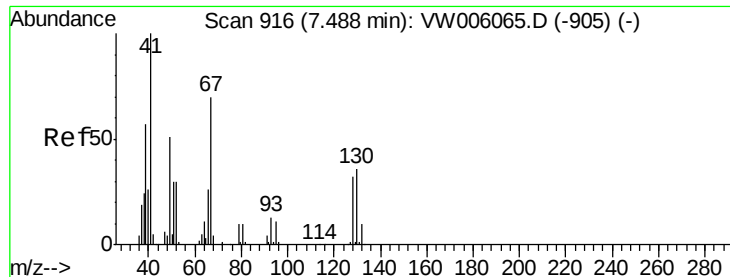
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#40
Benzene
Concen: 22.548 ug/l
RT: 8.33 min Scan# 1054
Delta R.T. -0.00 min
Lab File: VW006225.D
Acq: 19 Oct 2018 15:20

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.3	19.4	29.0





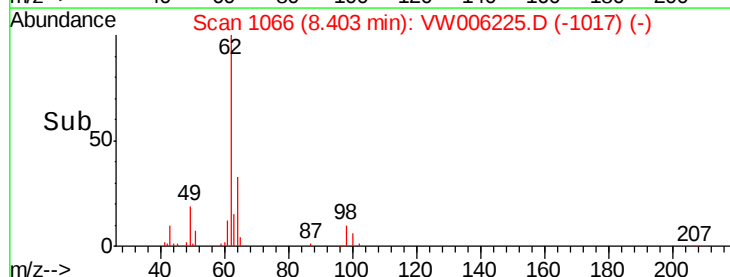
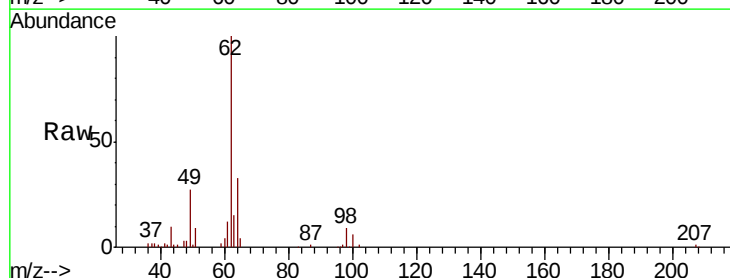
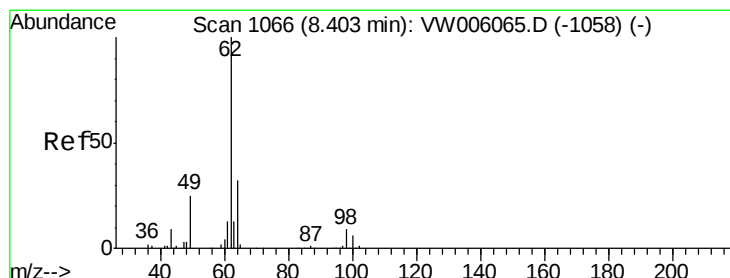
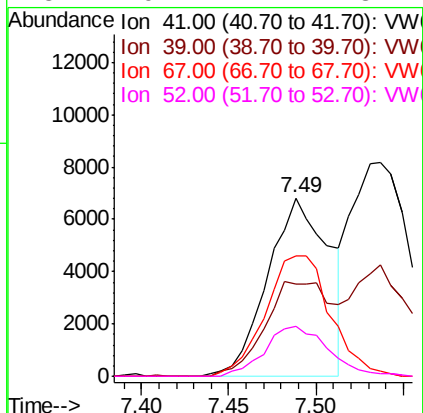
#41
Methacrylonitrile
Concen: 21.971 ug/l
RT: 7.49 min Scan# 916
Delta R.T. -0.00 min
Lab File: VW006225.D
Acq: 19 Oct 2018 15:20

Tot Ion	Ratio	Lower	Upper
41	100		
39	57.8	46.2	69.4
67	71.2	57.7	86.5
52	29.4	24.7	37.1

Instrument :
MSVOA_W
ClientSampleId :
VW1019SBS01

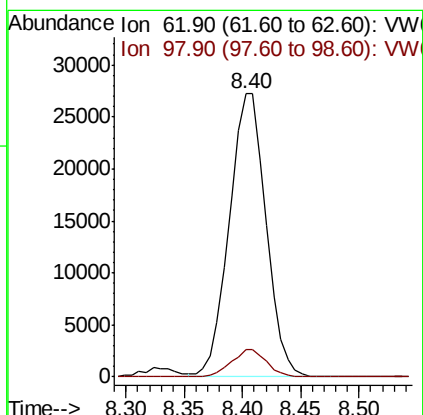
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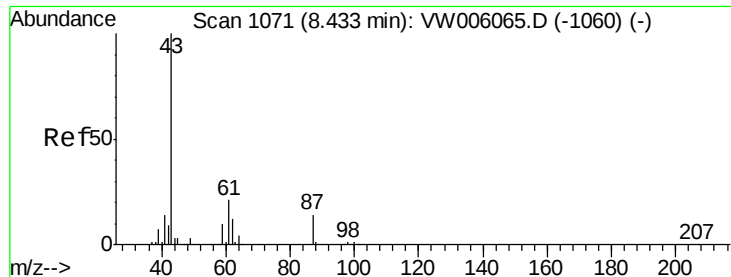
apatel
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#42
1,2-Dichloroethane
Concen: 21.922 ug/l
RT: 8.40 min Scan# 1066
Delta R.T. -0.00 min
Lab File: VW006225.D
Acq: 19 Oct 2018 15:20

Tgt Ion	Ratio	Lower	Upper
62	100		
98	9.1	0.0	18.4





#43

Isopropyl Acetate

Concen: 19.843 ug/l

RT: 8.43 min Scan# 1070

Delta R.T. -0.01 min

Lab File: VW006225.D

Acq: 19 Oct 2018 15:20

Instrument :

MSVOA_W

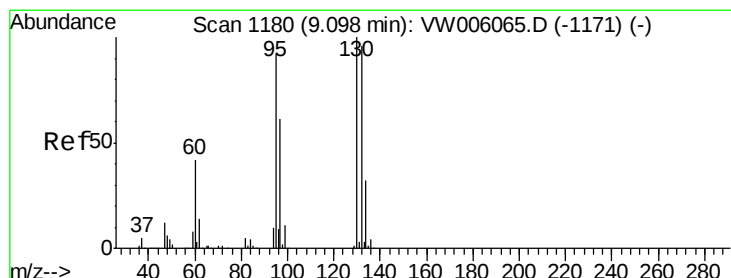
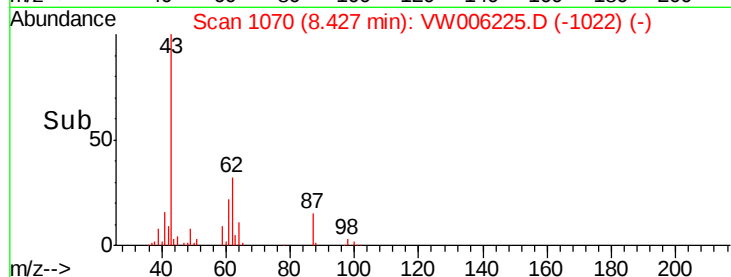
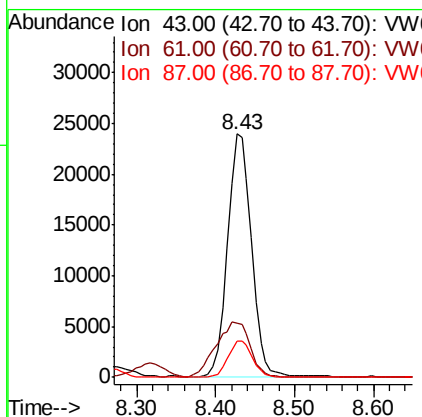
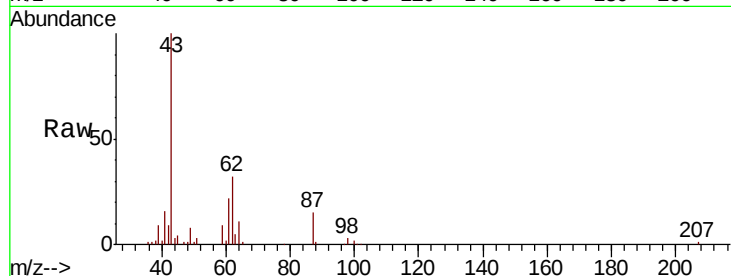
ClientSampleId :

VW1019SBS01

Tot Ion:	43	Resp:	51165
Ion	Ratio	Lower	Upper
43	100		
61	32.2	25.5	38.3
87	15.1	11.7	17.5

Manual Integrations
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#44

Trichloroethene

Concen: 22.311 ug/l

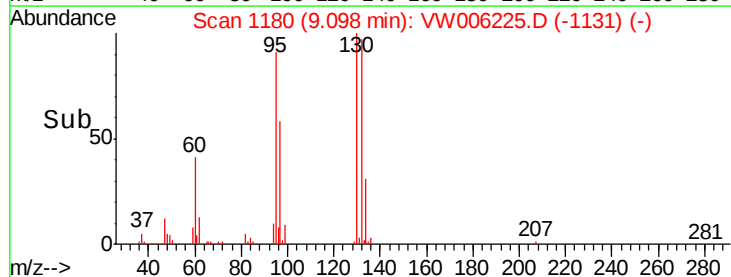
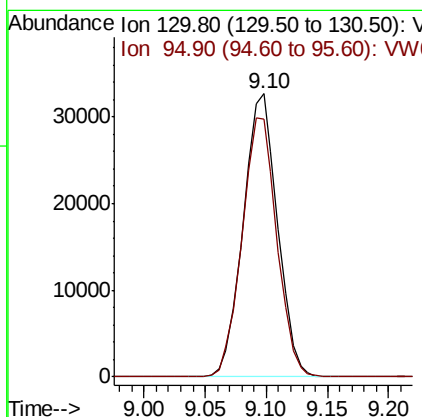
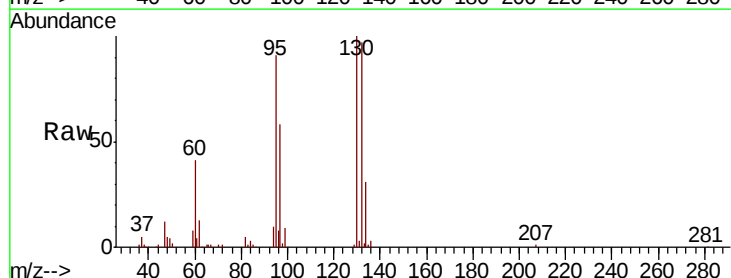
RT: 9.10 min Scan# 1180

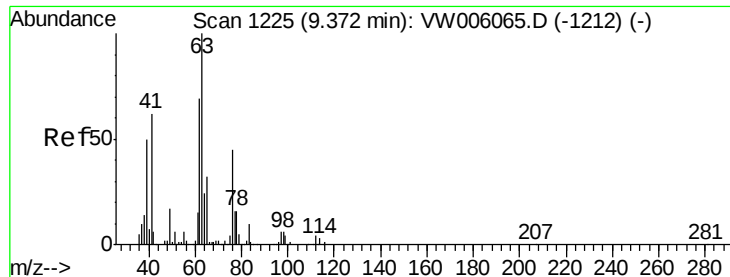
Delta R.T. -0.00 min

Lab File: VW006225.D

Acq: 19 Oct 2018 15:20

Tgt Ion:	130	Resp:	63730
Ion	Ratio	Lower	Upper
130	100		
95	91.0	0.0	183.2





#45

1,2-Dichloropropane

Concen: 21.881 ug/l

RT: 9.37 min Scan# 1225

Delta R.T. -0.00 min

Lab File: VW006225.D

Acq: 19 Oct 2018 15:20

Instrument :

MSVOA_W

ClientSampleId :

VW1019SBS01

Tot Ion: 63 Resp: 48750

Ion Ratio Lower Upper

63 100

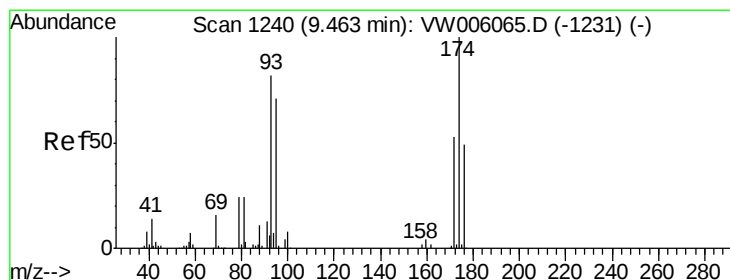
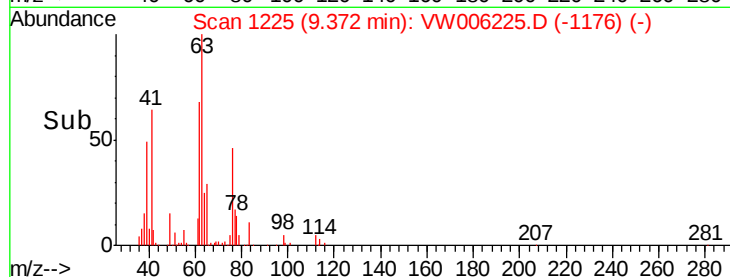
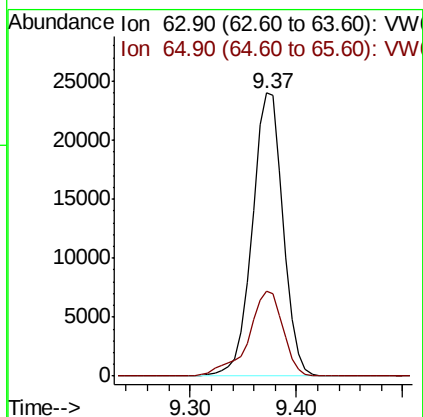
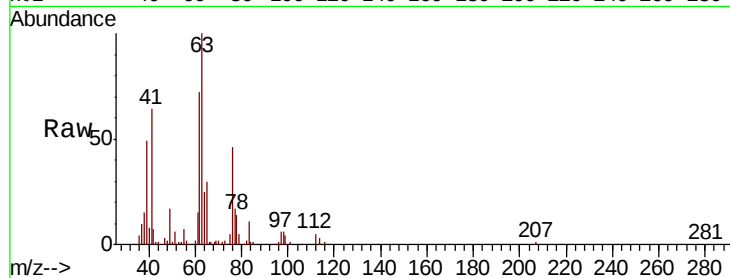
65 29.8 25.4 38.0

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#46

Dibromomethane

Concen: 21.432 ug/l

RT: 9.46 min Scan# 1240

Delta R.T. -0.00 min

Lab File: VW006225.D

Acq: 19 Oct 2018 15:20

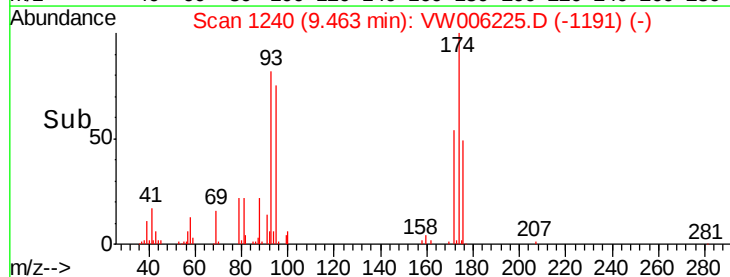
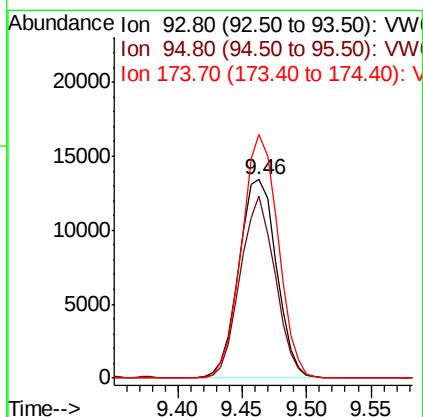
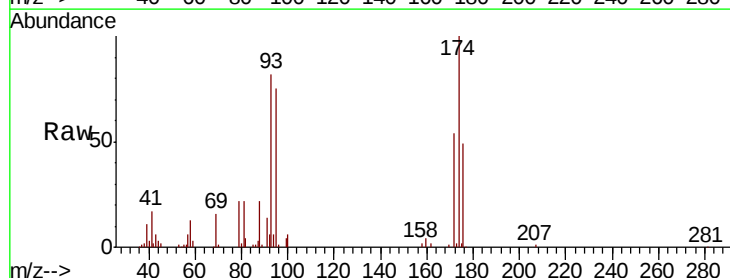
Tgt Ion: 93 Resp: 27215

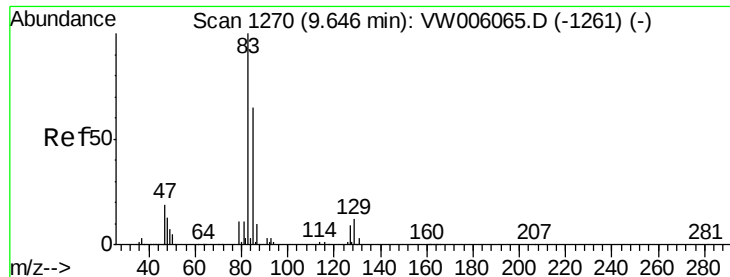
Ion Ratio Lower Upper

93 100

95 85.0 67.7 101.5

174 118.6 93.7 140.5





#47

Bromodichloromethane

Concen: 20.701 ug/l

RT: 9.65 min Scan# 1270

Delta R.T. -0.00 min

Lab File: VW006225.D

Acq: 19 Oct 2018 15:20

Instrument :

MSVOA_W

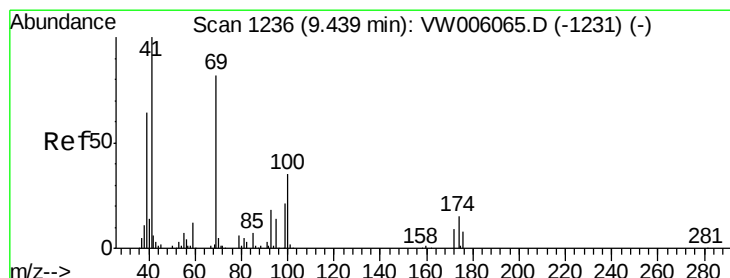
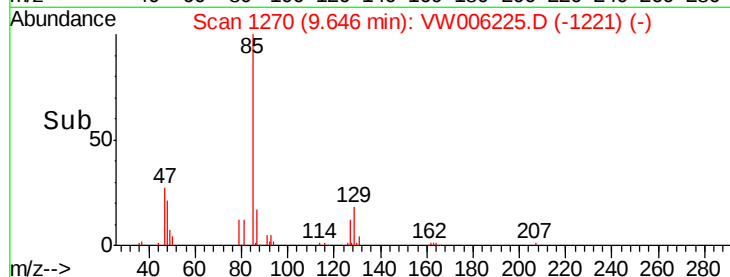
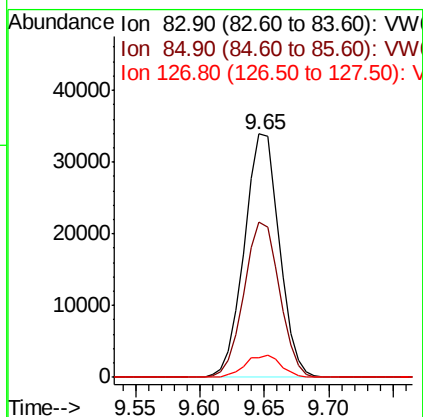
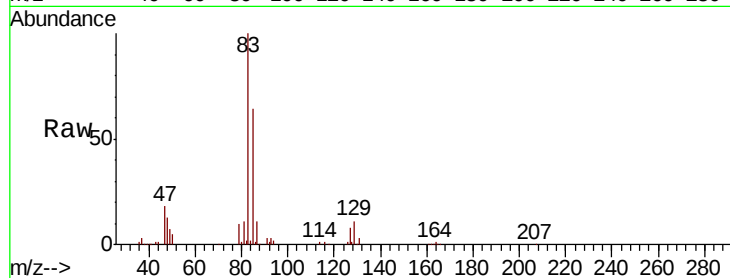
ClientSampleId :

VW1019SBS01

Tot Ion:	83	Resp:	63731
Ion	Ratio	Lower	Upper
83	100		
85	63.7	51.8	77.8
127	7.8	6.9	10.3

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#48

Methyl methacrylate

Concen: 19.921 ug/l

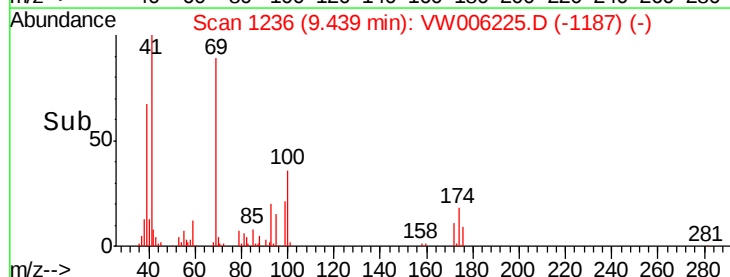
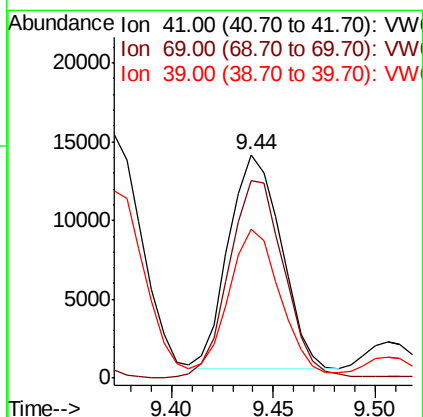
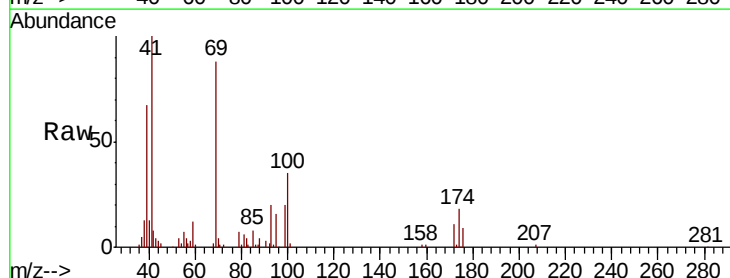
RT: 9.44 min Scan# 1236

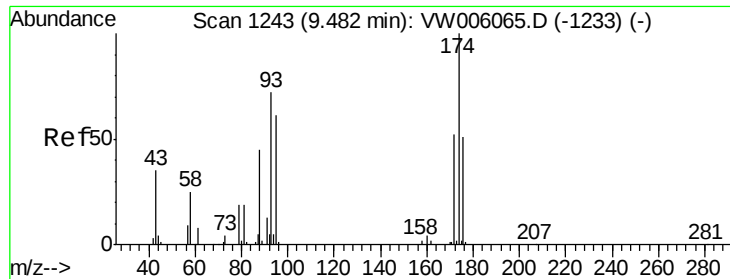
Delta R.T. -0.00 min

Lab File: VW006225.D

Acq: 19 Oct 2018 15:20

Tgt Ion:	41	Resp:	24348
Ion	Ratio	Lower	Upper
41	100		
69	95.5	71.8	107.8
39	63.6	52.5	78.7





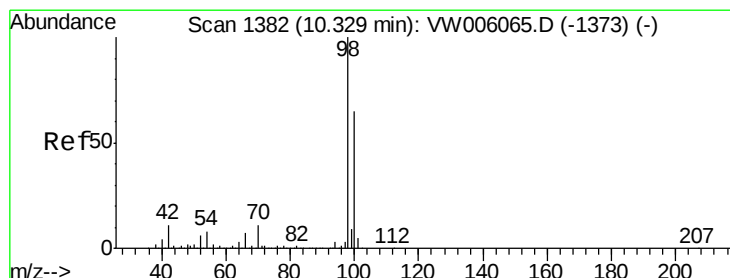
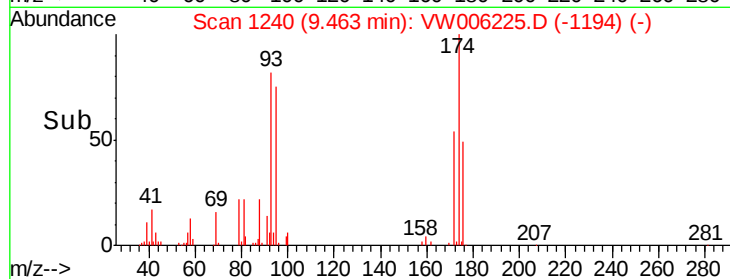
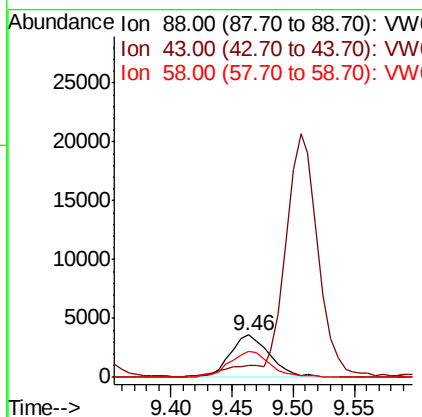
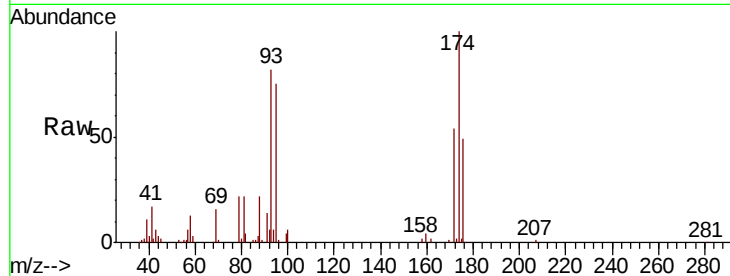
#49
1,4-Dioxane
Concen: 409.235 ug/l
RT: 9.46 min Scan# 1240
Delta R.T. -0.02 min
Lab File: VW006225.D
Acq: 19 Oct 2018 15:20

Instrument :
MSVOA_W
ClientSampleId :
VW1019SBS01

Tot Ion	Ratio	Lower	Upper
88	100		
43	0.0	0.0	0.0
58	64.1	51.2	76.8

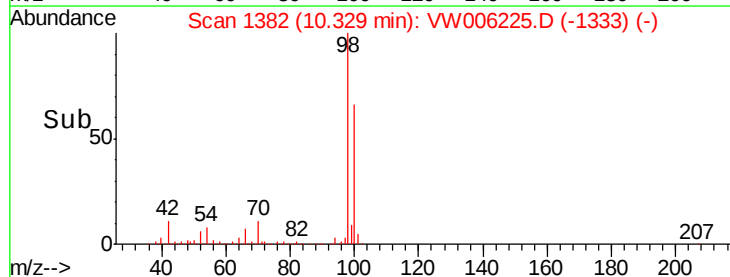
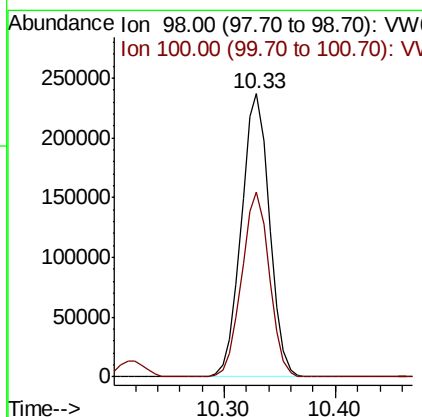
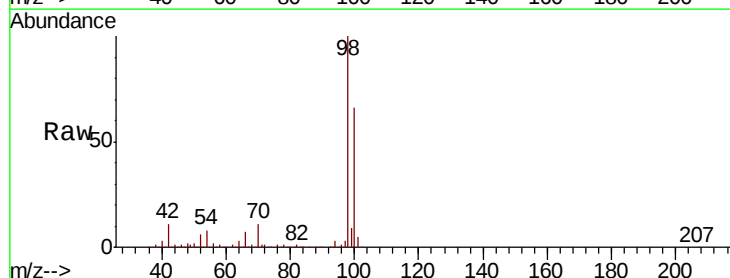
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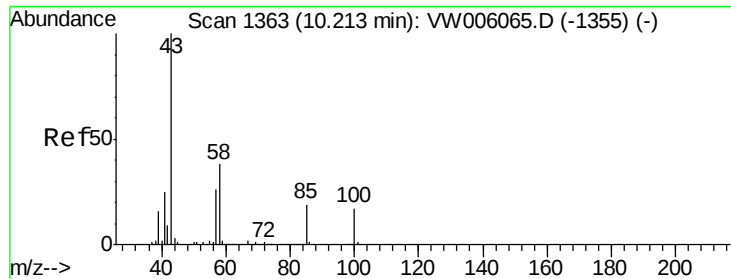
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#50
Toluene-d8
Concen: 50.030 ug/l
RT: 10.33 min Scan# 1382
Delta R.T. -0.00 min
Lab File: VW006225.D
Acq: 19 Oct 2018 15:20

Tgt Ion	Ratio	Lower	Upper
98	100		
100	64.2	51.6	77.4





#51

4-Methyl-2-Pentanone

Concen: 104.995 ug/l

RT: 10.21 min Scan# 1363

Delta R.T. -0.00 min

Lab File: VW006225.D

Acq: 19 Oct 2018 15:20

Instrument :

MSVOA_W

ClientSampleId :

VW1019SBS01

Tot Ion: 43 Resp: 135644

Ion Ratio Lower Upper

43 100

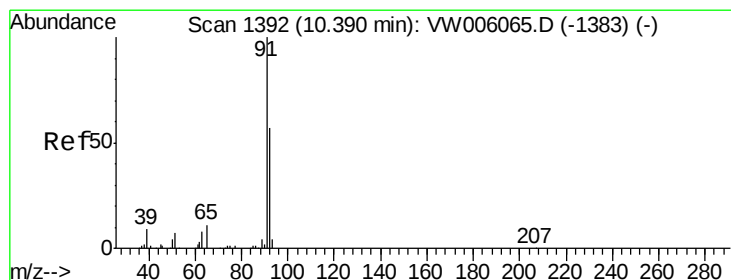
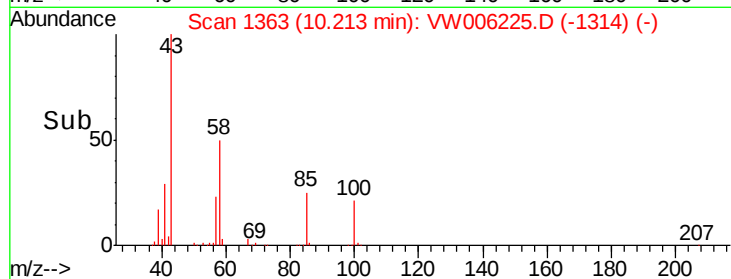
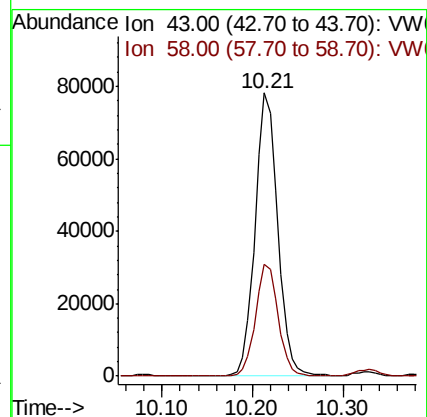
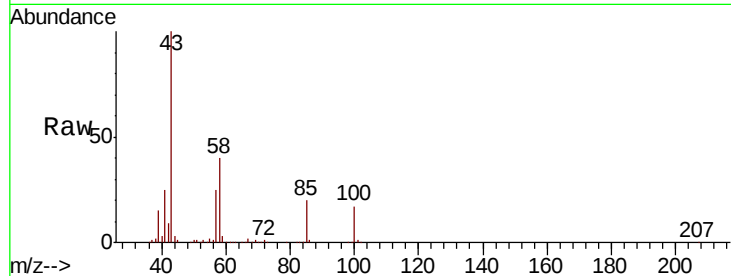
58 39.5 31.5 47.3

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#52

Toluene

Concen: 22.412 ug/l

RT: 10.39 min Scan# 1392

Delta R.T. -0.00 min

Lab File: VW006225.D

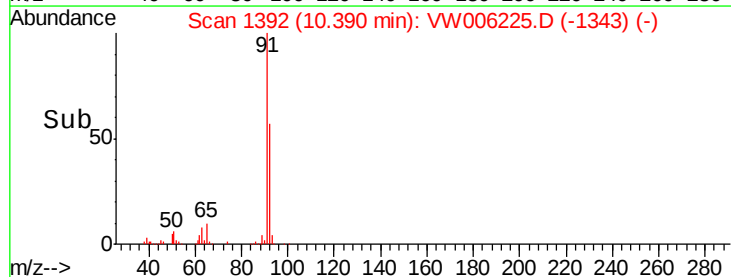
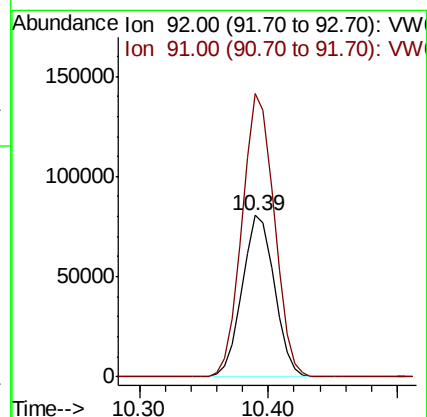
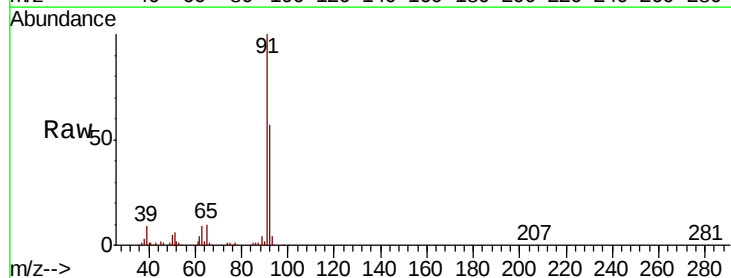
Acq: 19 Oct 2018 15:20

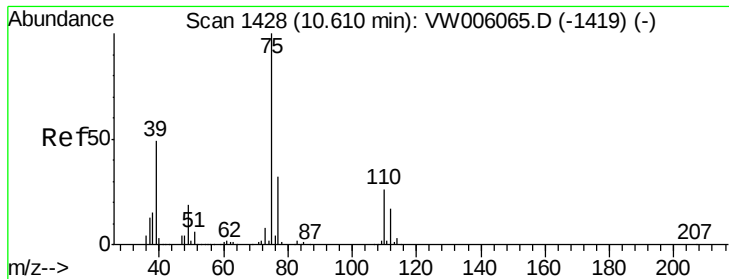
Tgt Ion: 92 Resp: 139898

Ion Ratio Lower Upper

92 100

91 175.0 140.0 210.0





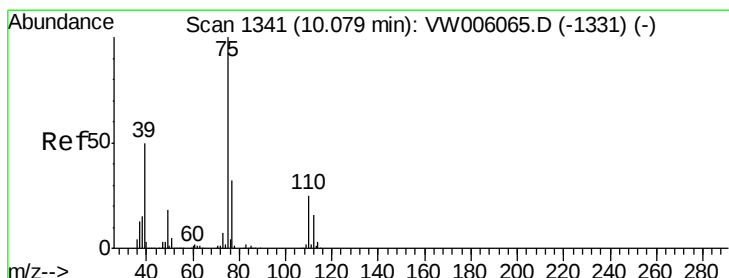
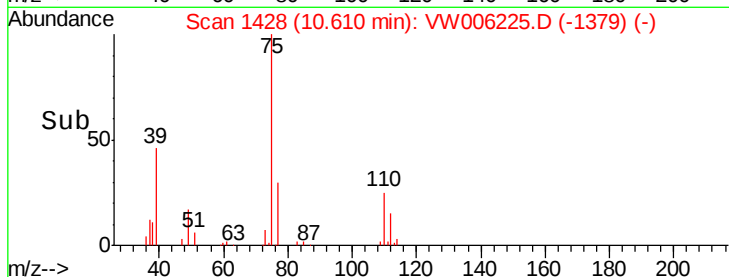
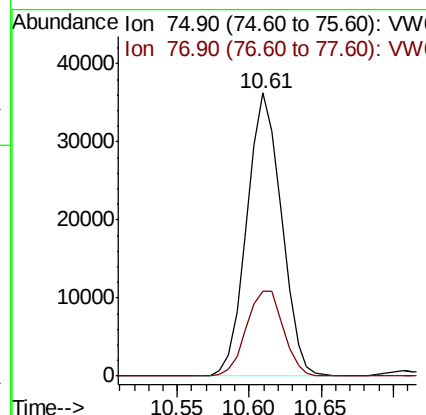
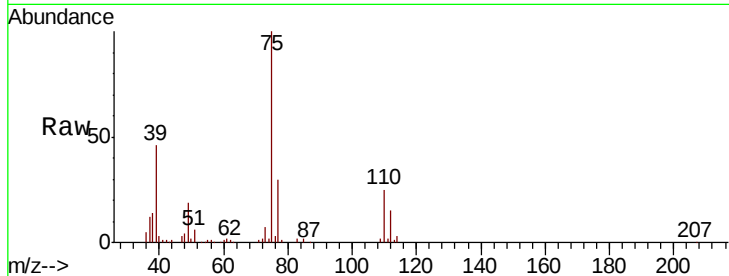
#53
 t-1,3-Dichloropropene
 Concen: 19.674 ug/l
 RT: 10.61 min Scan# 1428
 Delta R.T. -0.00 min
 Lab File: VW006225.D
 Acq: 19 Oct 2018 15:20

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1019SBS01

Tot Ion	Ratio	Lower	Upper
75	100		
77	30.2	25.4	38.2

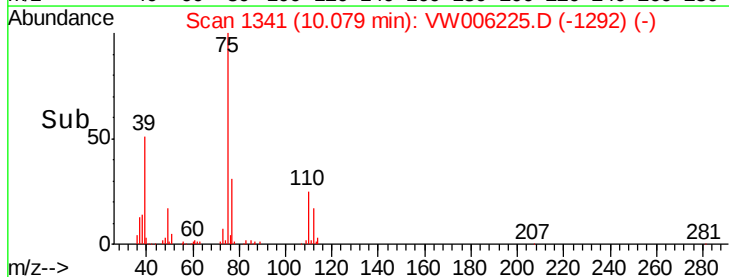
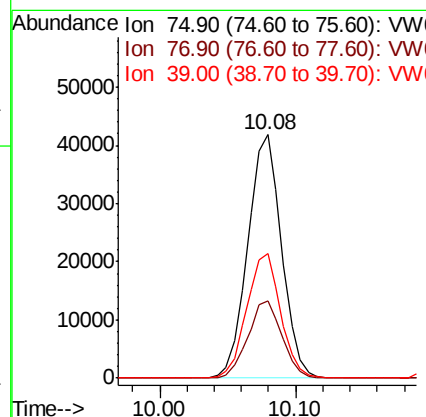
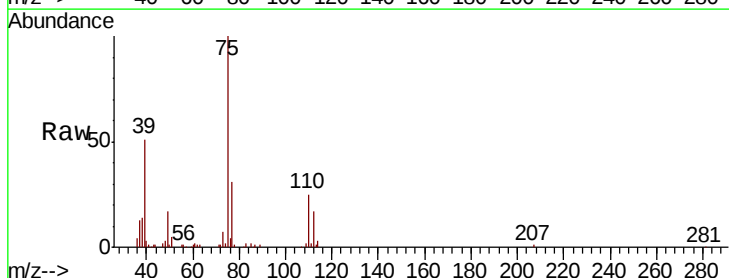
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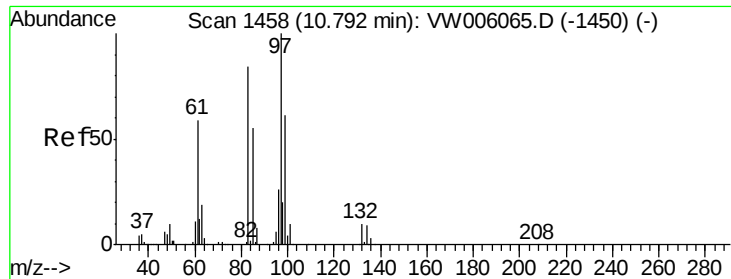
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#54
 cis-1,3-Dichloropropene
 Concen: 20.621 ug/l
 RT: 10.08 min Scan# 1341
 Delta R.T. -0.00 min
 Lab File: VW006225.D
 Acq: 19 Oct 2018 15:20

Tgt Ion	Ratio	Lower	Upper
75	100		
77	31.5	25.2	37.8
39	51.0	39.9	59.9





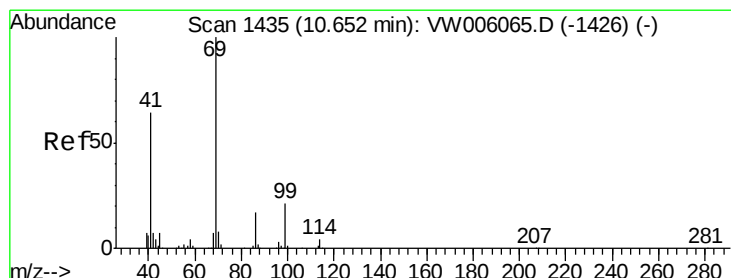
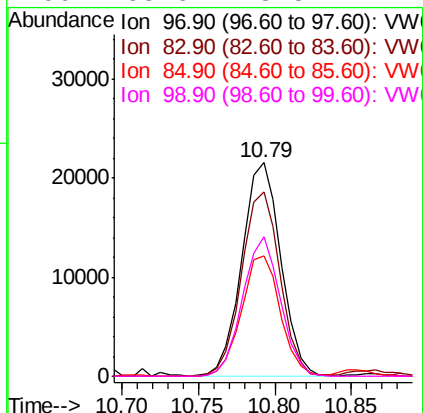
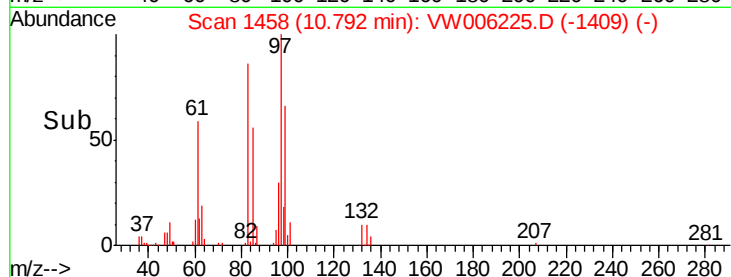
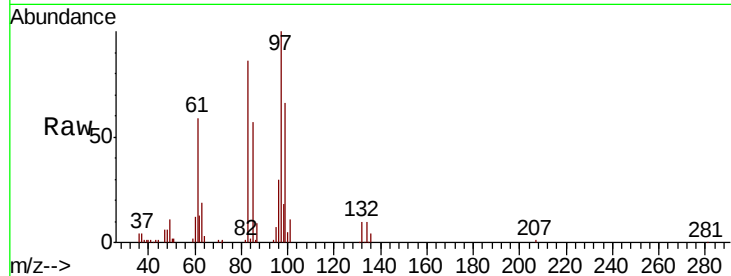
#55
 1,1,2-Trichloroethane
 Concen: 21.553 ug/l
 RT: 10.79 min Scan# 1458
 Delta R.T. -0.00 min
 Lab File: VW006225.D
 Acq: 19 Oct 2018 15:20

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1019SBS01

Tot Ion:	97	Resp:	38299
Ion	Ratio	Lower	Upper
97	100		
83	86.1	67.2	100.8
85	56.6	43.7	65.5
99	65.6	48.5	72.7

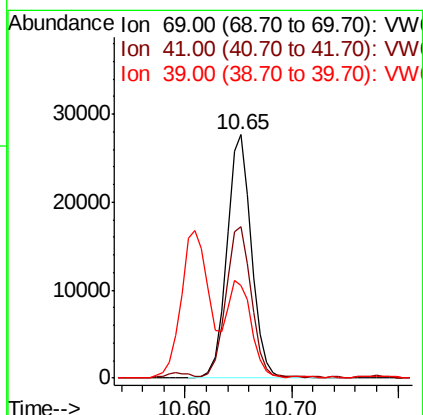
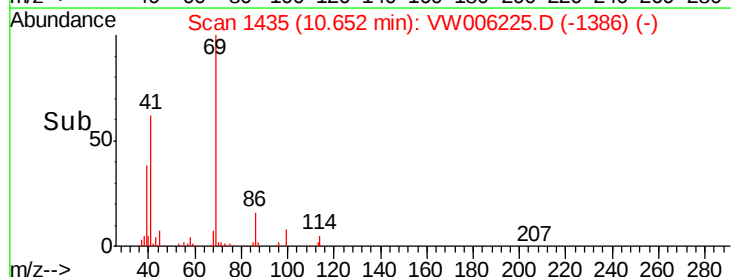
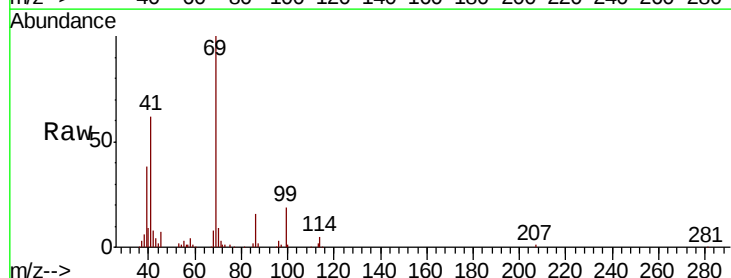
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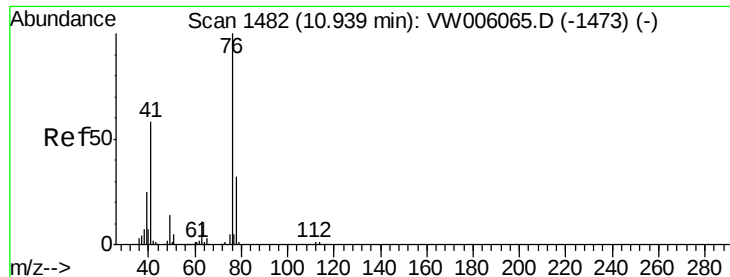
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#56
 Ethyl methacrylate
 Concen: 20.463 ug/l
 RT: 10.65 min Scan# 1435
 Delta R.T. -0.00 min
 Lab File: VW006225.D
 Acq: 19 Oct 2018 15:20

Tgt Ion:	69	Resp:	44577
Ion	Ratio	Lower	Upper
69	100		
41	64.4	52.8	79.2
39	37.6	30.6	45.8





#57

1,3-Dichloropropane

Concen: 21.973 ug/l

RT: 10.94 min Scan# 1482

Delta R.T. -0.00 min

Lab File: VW006225.D

Acq: 19 Oct 2018 15:20

Instrument :

MSVOA_W

ClientSampleId :

VW1019SBS01

Tot Ion: 76 Resp: 64637

Ion Ratio Lower Upper

76 100

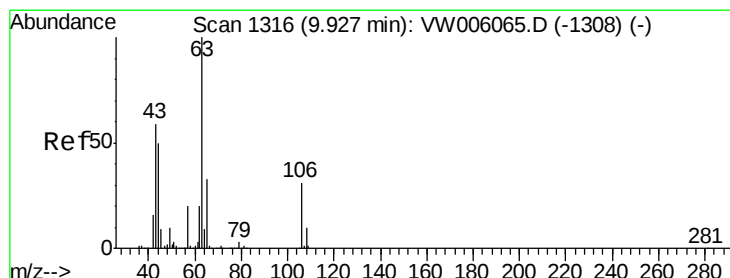
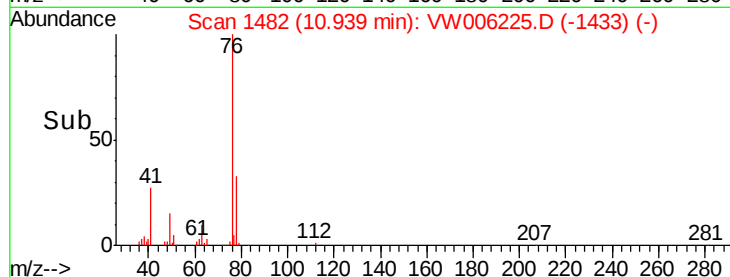
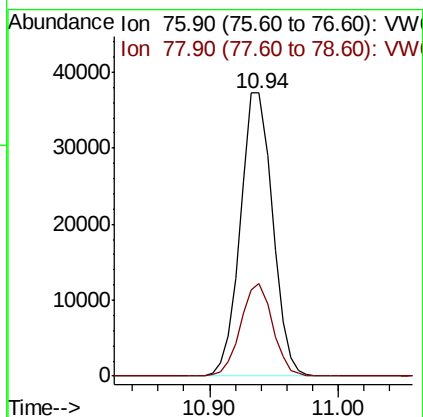
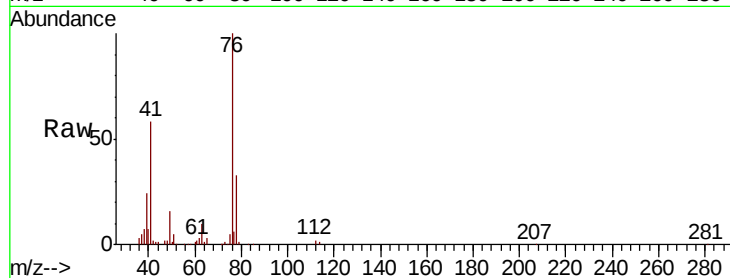
78 32.4 25.9 38.9

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#58

2-Chloroethyl Vinyl ether

Concen: 106.765 ug/l

RT: 9.93 min Scan# 1316

Delta R.T. -0.00 min

Lab File: VW006225.D

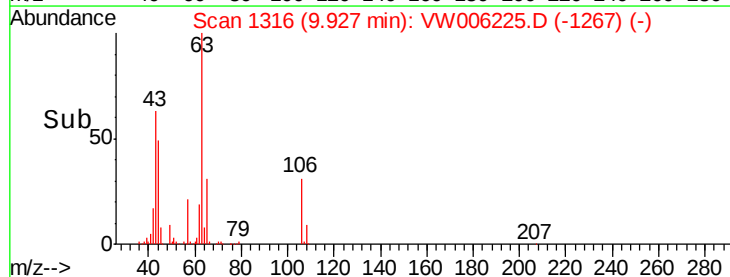
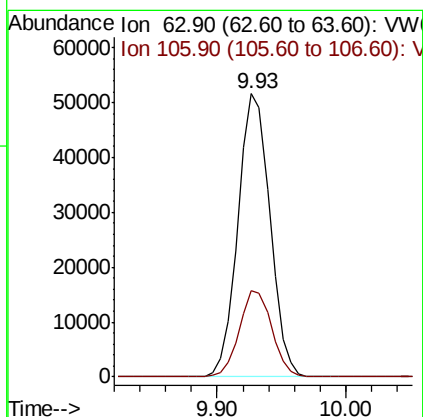
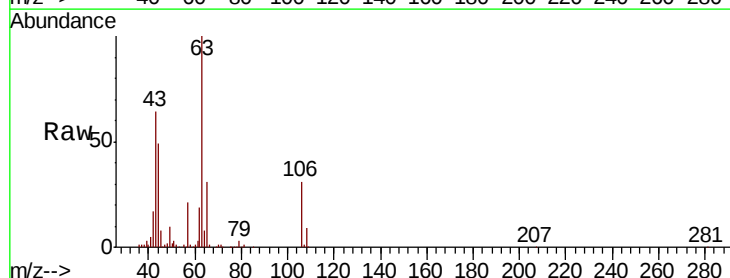
Acq: 19 Oct 2018 15:20

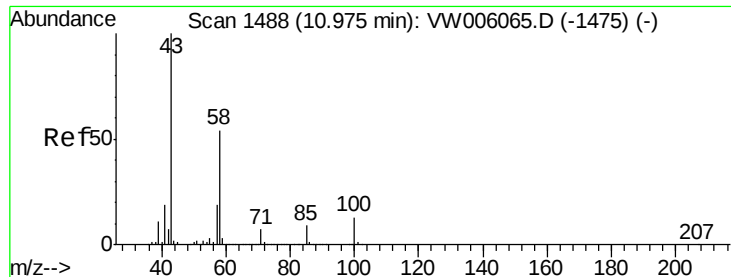
Tgt Ion: 63 Resp: 88872

Ion Ratio Lower Upper

63 100

106 30.8 24.5 36.7





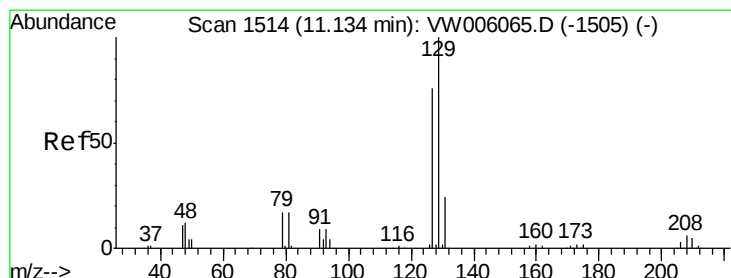
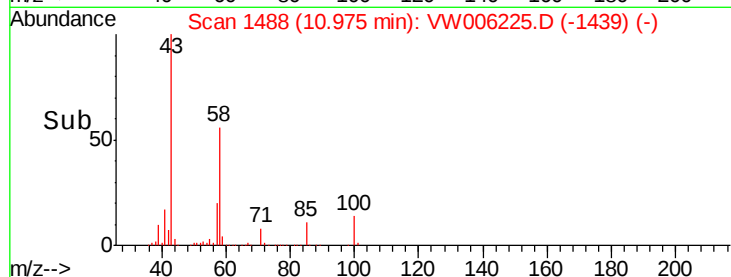
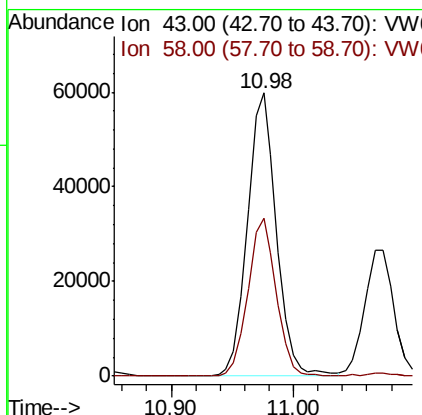
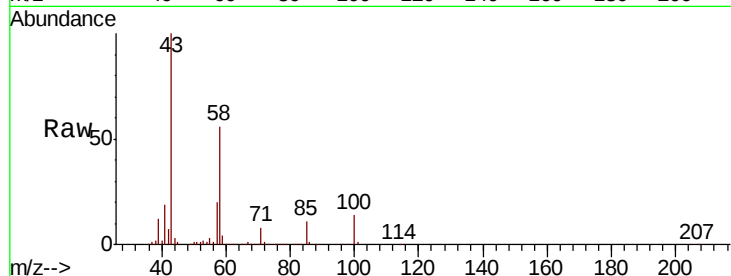
#59
2-Hexanone
Concen: 106.946 ug/l
RT: 10.98 min Scan# 1488
Delta R.T. -0.00 min
Lab File: VW006225.D
Acq: 19 Oct 2018 15:20

Instrument :
MSVOA_W
ClientSampleId :
VW1019SBS01

Tot Ion	43	Resp	98627
Ion Ratio	43	100	
Lower	58	54.5	26.9
Upper			80.6

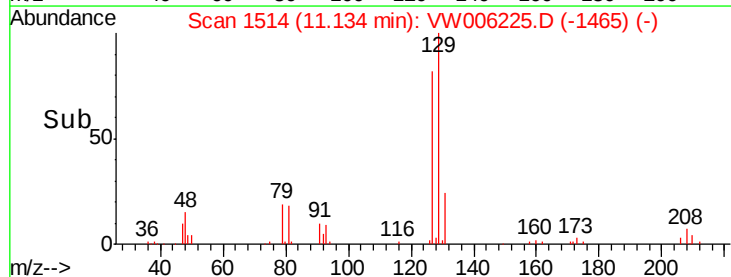
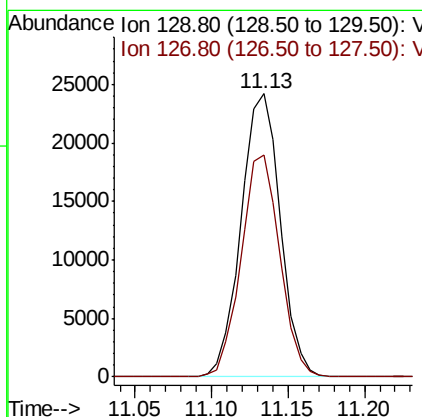
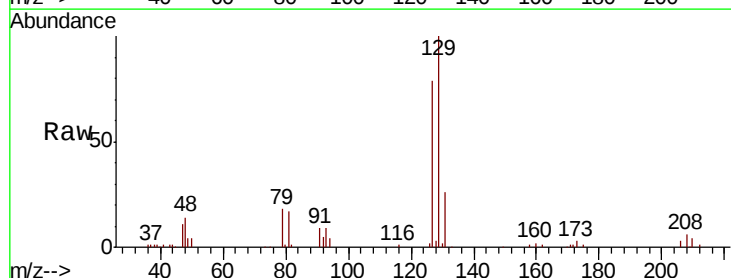
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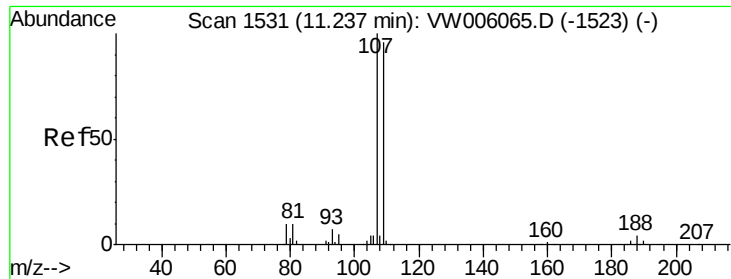
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#60
Dibromochloromethane
Concen: 19.466 ug/l
RT: 11.13 min Scan# 1514
Delta R.T. -0.00 min
Lab File: VW006225.D
Acq: 19 Oct 2018 15:20

Tgt Ion	129	Resp	43087
Ion Ratio	129	100	
Lower	127	77.3	38.6
Upper			115.7





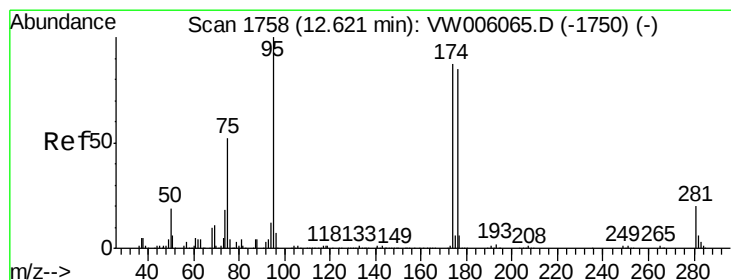
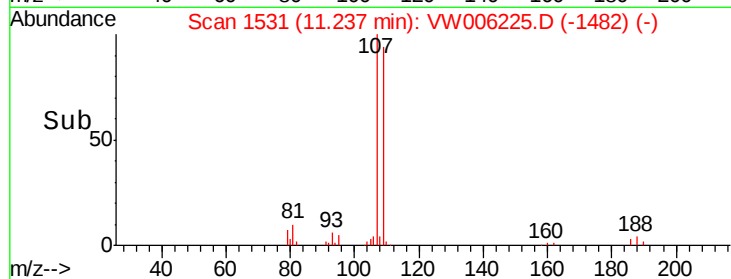
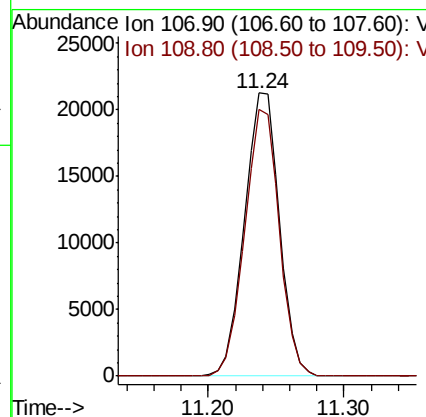
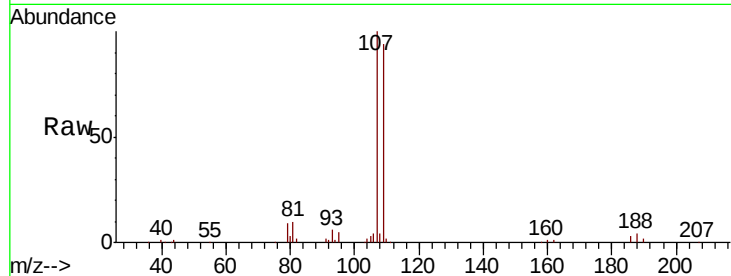
#61
 1,2-Dibromoethane
 Concen: 21.551 ug/l
 RT: 11.24 min Scan# 1531
 Delta R.T. -0.00 min
 Lab File: VW006225.D
 Acq: 19 Oct 2018 15:20

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1019SBS01

Tot Ion	Ratio	Lower	Upper
107	100		
109	92.9	76.3	114.5

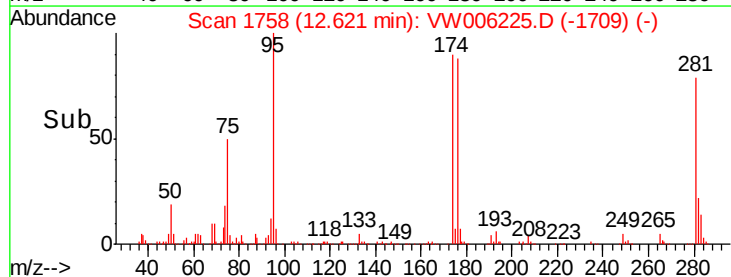
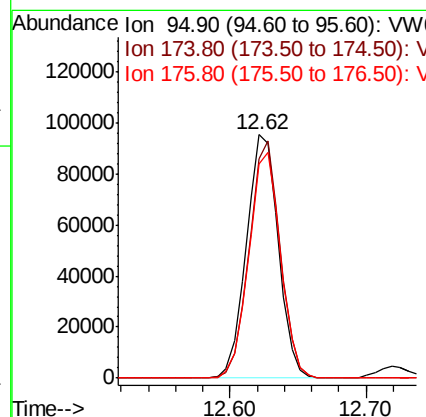
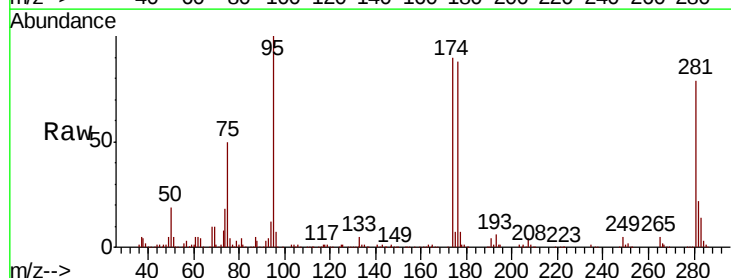
Manual Integrations
 APPROVED

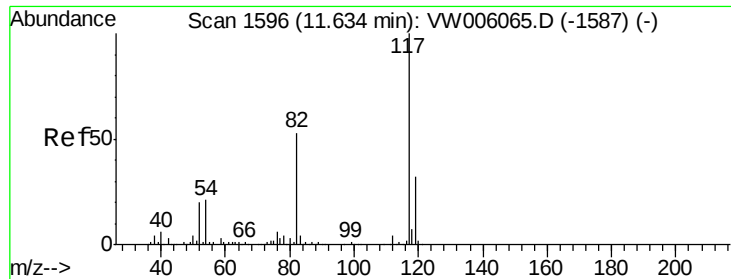
apatel
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#62
 4-Bromofluorobenzene
 Concen: 50.374 ug/l
 RT: 12.62 min Scan# 1758
 Delta R.T. -0.00 min
 Lab File: VW006225.D
 Acq: 19 Oct 2018 15:20

Tgt Ion	Ratio	Lower	Upper
95	100		
174	94.5	0.0	186.0
176	92.0	0.0	181.6





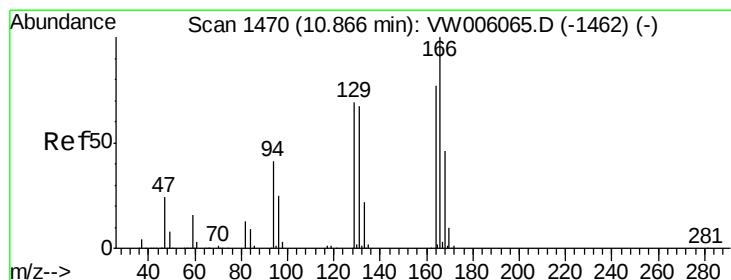
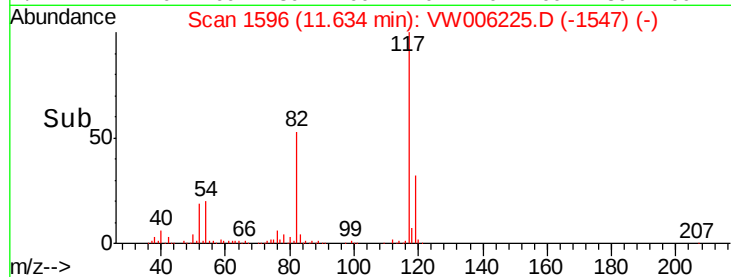
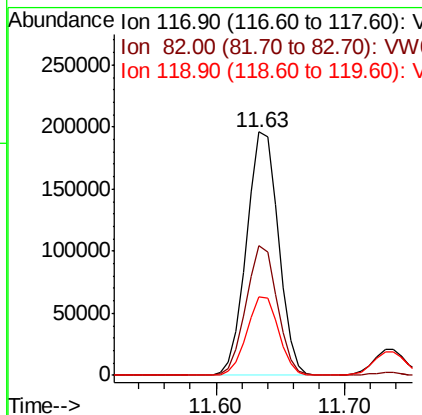
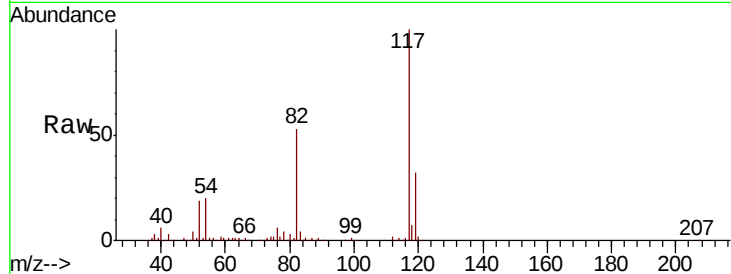
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW006225.D
Acq: 19 Oct 2018 15:20

Instrument :
MSVOA_W
ClientSampleId :
VW1019SBS01

Tot Ion	Ratio	Lower	Upper
117	100		
82	53.3	42.1	63.1
119	32.3	25.8	38.6

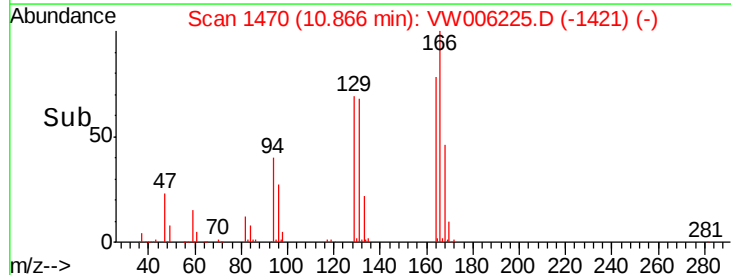
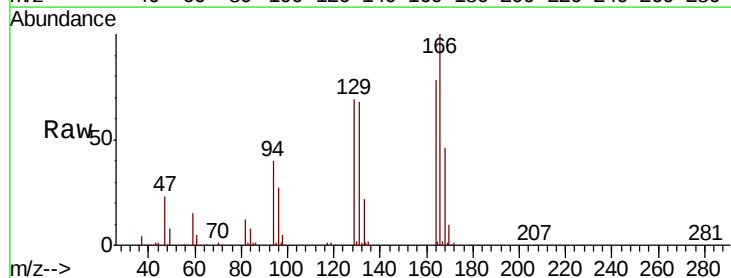
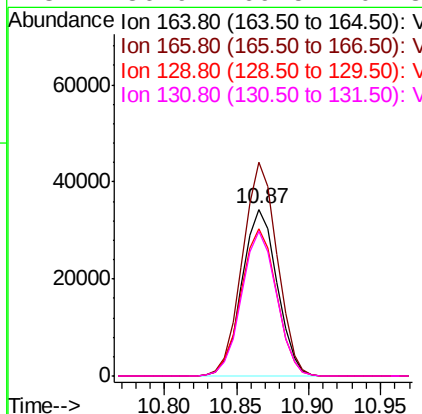
Manual Integrations
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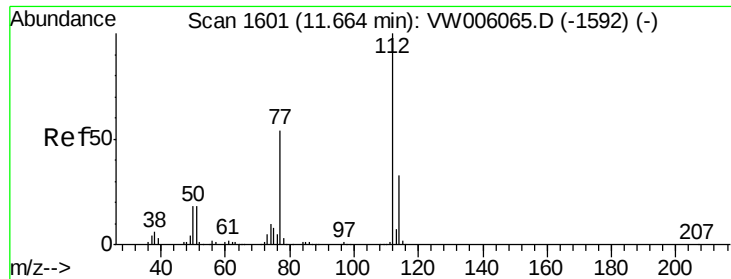
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#64
Tetrachloroethene
Concen: 22.379 ug/l
RT: 10.87 min Scan# 1470
Delta R.T. -0.00 min
Lab File: VW006225.D
Acq: 19 Oct 2018 15:20

Tgt Ion	Ratio	Lower	Upper
164	100		
166	127.9	103.4	155.0
129	88.5	71.8	107.8
131	86.9	69.5	104.3





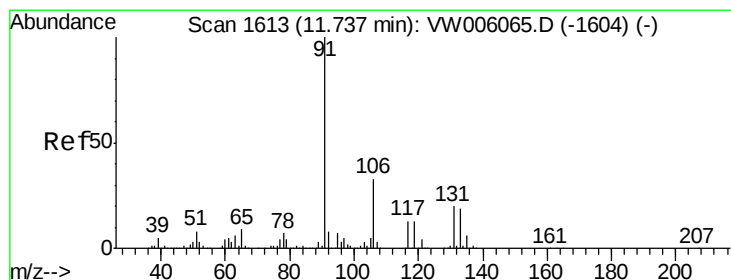
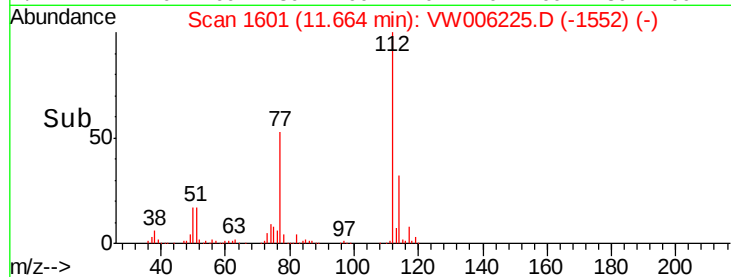
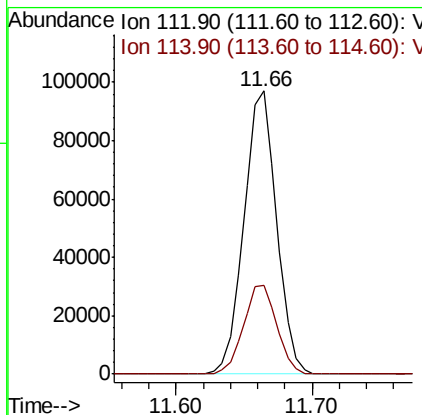
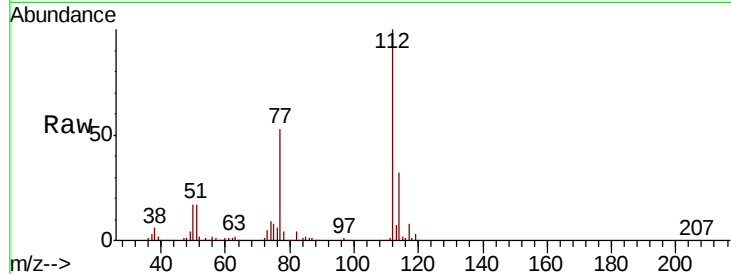
#65
Chlorobenzene
Concen: 22.744 ug/l
RT: 11.66 min Scan# 1601
Delta R.T. -0.00 min
Lab File: VW006225.D
Acq: 19 Oct 2018 15:20

Instrument :
MSVOA_W
ClientSampleId :
VW1019SBSD01

Tot Ion:112 Resp: 162678
Ion Ratio Lower Upper
112 100
114 31.5 26.2 39.2

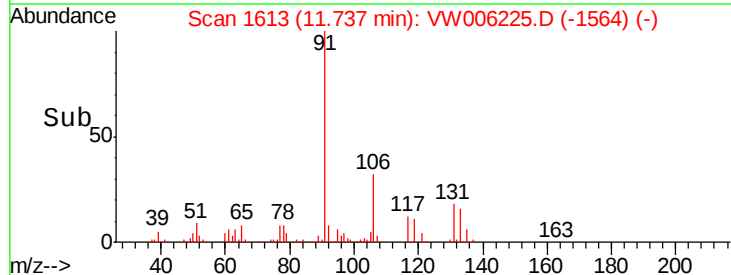
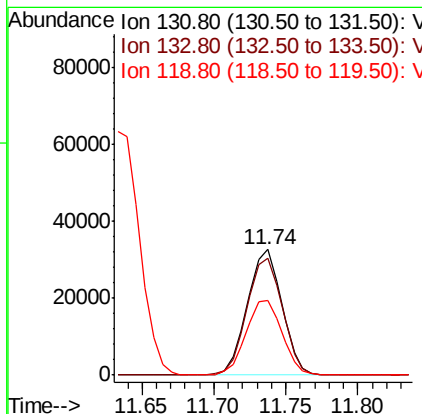
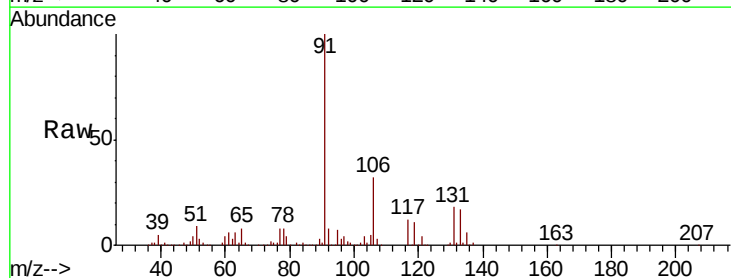
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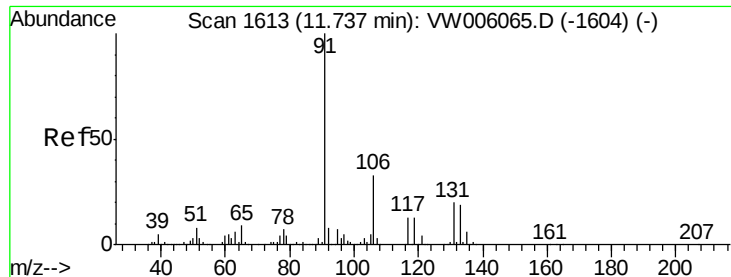
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#66
1,1,1,2-Tetrachloroethane
Concen: 21.327 ug/l
RT: 11.74 min Scan# 1613
Delta R.T. -0.00 min
Lab File: VW006225.D
Acq: 19 Oct 2018 15:20

Tgt Ion:131 Resp: 54210
Ion Ratio Lower Upper
131 100
133 95.7 48.1 144.3
119 61.8 31.6 94.7





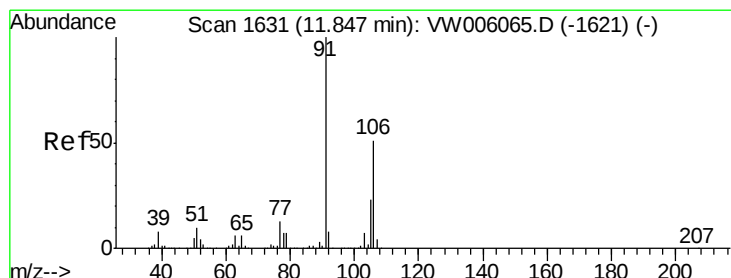
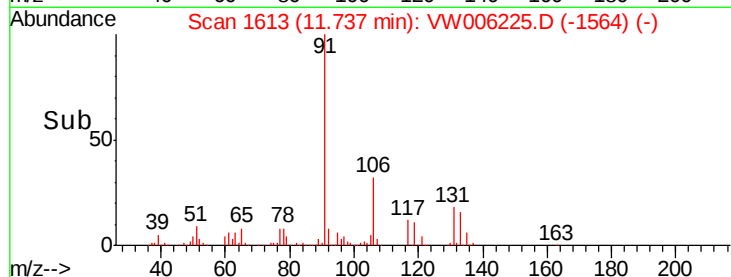
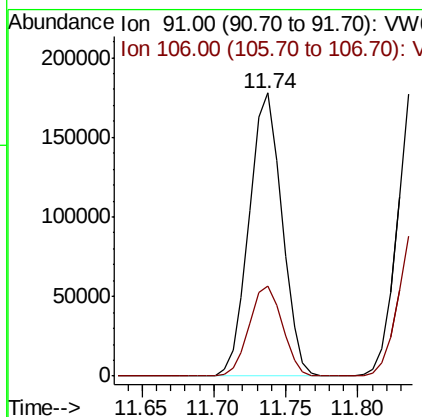
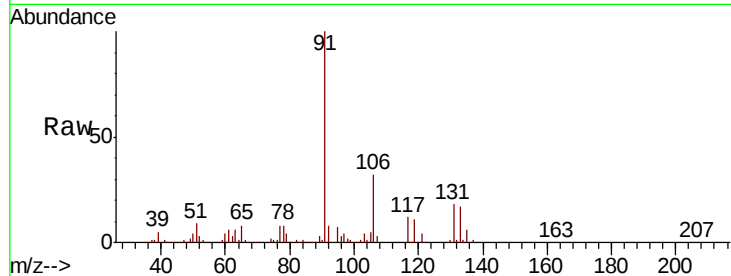
#67
Ethyl Benzene
Concen: 22.631 ug/l
RT: 11.74 min Scan# 1613
Delta R.T. -0.00 min
Lab File: VW006225.D
Acq: 19 Oct 2018 15:20

Instrument :
MSVOA_W
ClientSampleId :
VW1019SBS01

Tot Ion: 91 Resp: 280524
Ion Ratio Lower Upper
91 100
106 32.0 26.1 39.1

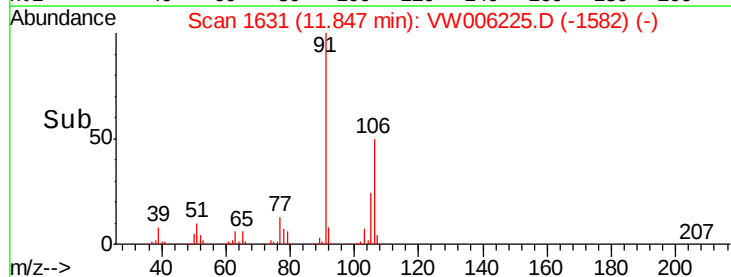
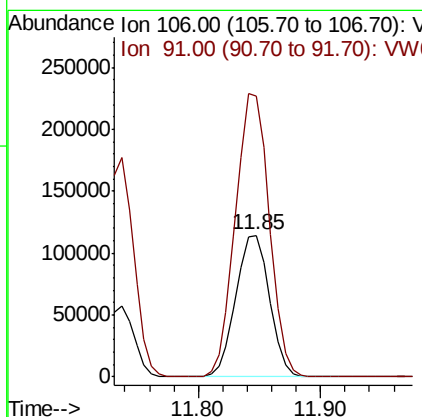
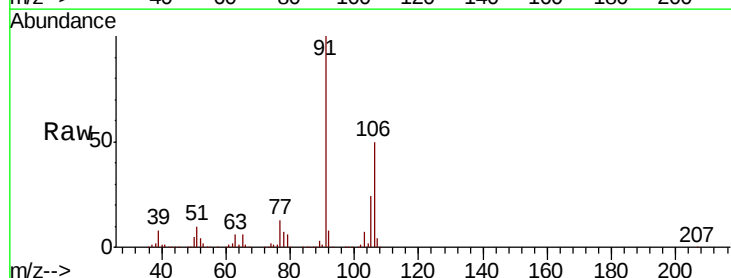
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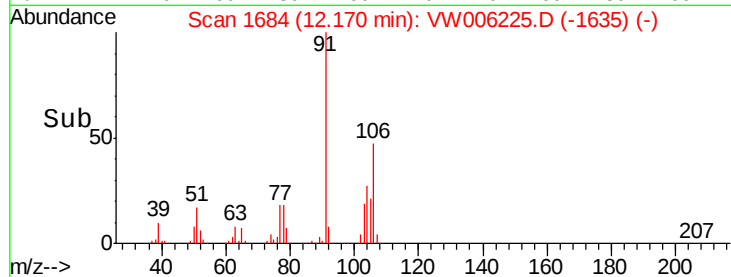
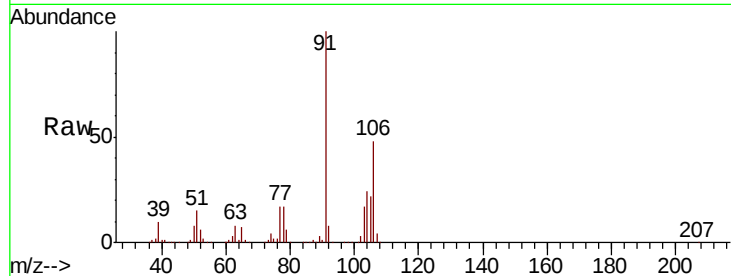
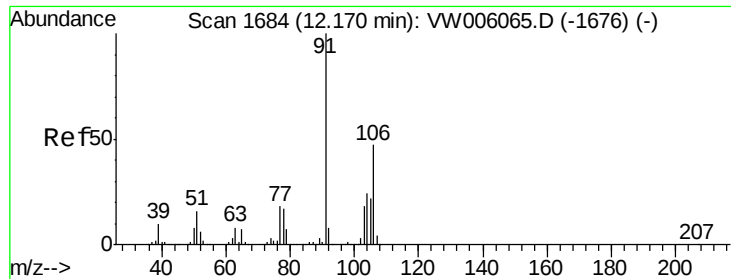
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#68
m/p-Xylenes
Concen: 44.700 ug/l
RT: 11.85 min Scan# 1631
Delta R.T. -0.00 min
Lab File: VW006225.D
Acq: 19 Oct 2018 15:20

Tgt Ion: 106 Resp: 219003
Ion Ratio Lower Upper
106 100
91 201.3 159.1 238.7





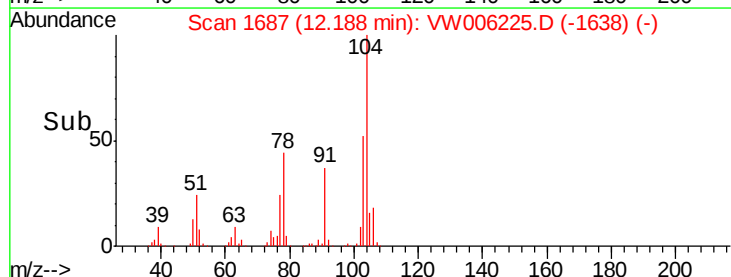
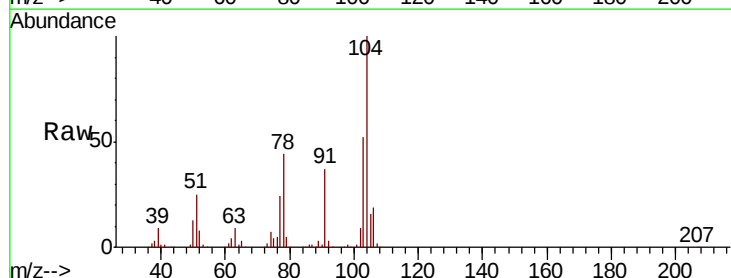
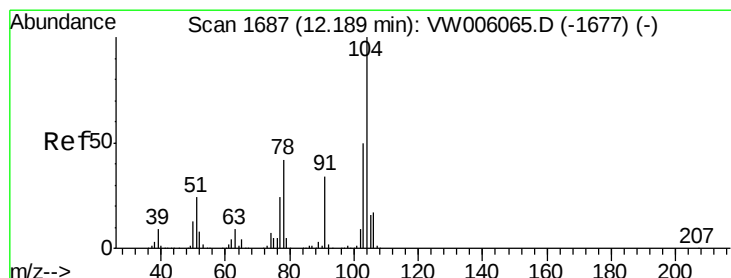
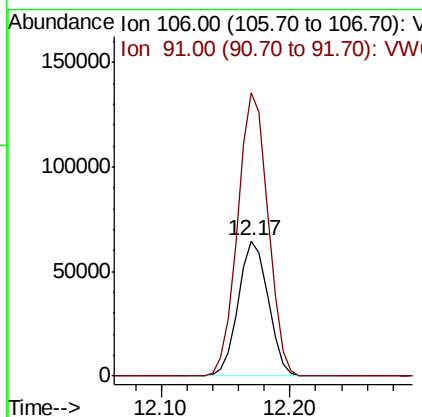
#69
o-Xylene
Concen: 22.354 ug/l
RT: 12.17 min Scan# 1684
Delta R.T. -0.00 min
Lab File: VW006225.D
Acq: 19 Oct 2018 15:20

Tot Ion:106 Resp: 104375
Ion Ratio Lower Upper
106 100
91 212.2 105.4 316.1

Instrument :
MSVOA_W
ClientSampleId :
VW1019SBS01

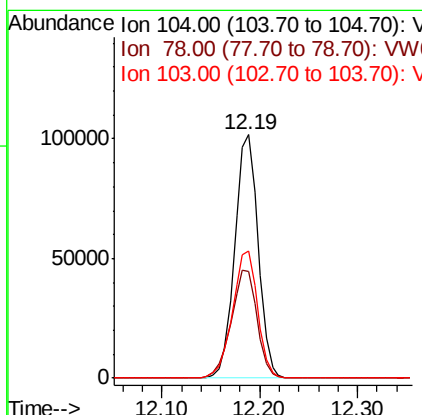
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#70
Styrene
Concen: 22.179 ug/l
RT: 12.19 min Scan# 1687
Delta R.T. -0.00 min
Lab File: VW006225.D
Acq: 19 Oct 2018 15:20

Tgt Ion:104 Resp: 168402
Ion Ratio Lower Upper
104 100
78 48.8 39.1 58.7
103 56.0 44.3 66.5





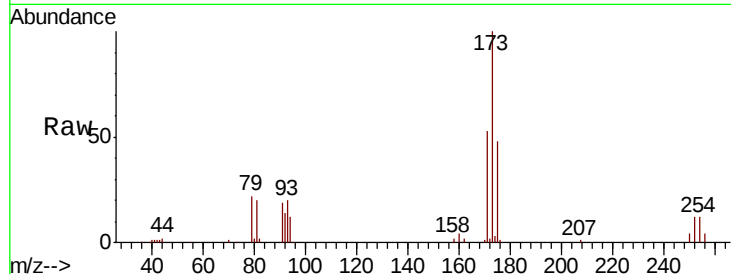
#71
Bromoform
Concen: 18.217 ug/l
RT: 12.35 min Scan# 1714
Delta R.T. -0.00 min
Lab File: VW006225.D
Acq: 19 Oct 2018 15:20

Instrument :
MSVOA_W
ClientSampleId :
VW1019SBS01

Tot Ion	Ratio	Lower	Upper
173	100		
175	48.9	24.2	72.6
254	0.0	0.1	0.1#

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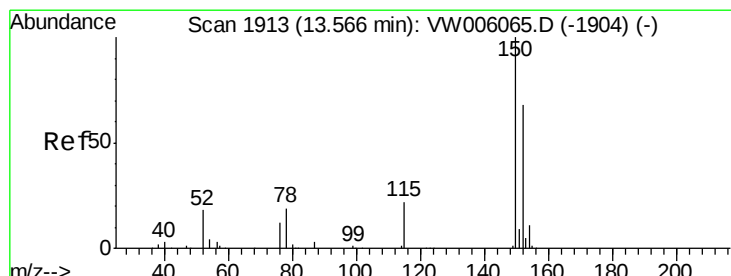
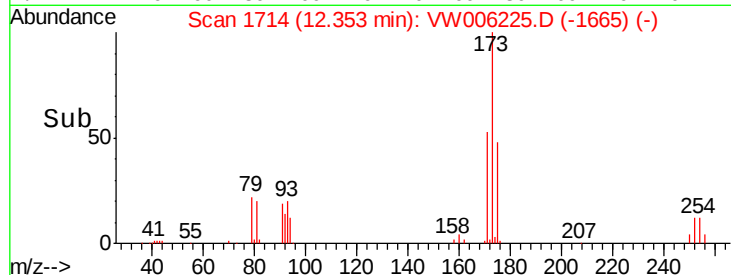
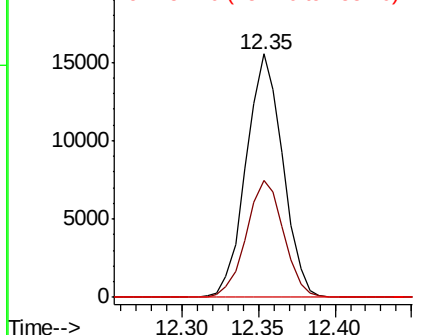


Abundance

Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.57 min Scan# 1913
Delta R.T. -0.00 min
Lab File: VW006225.D
Acq: 19 Oct 2018 15:20

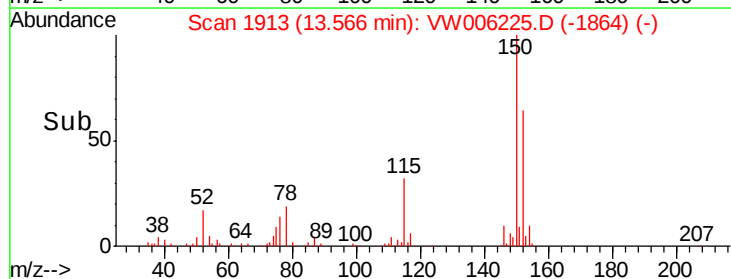
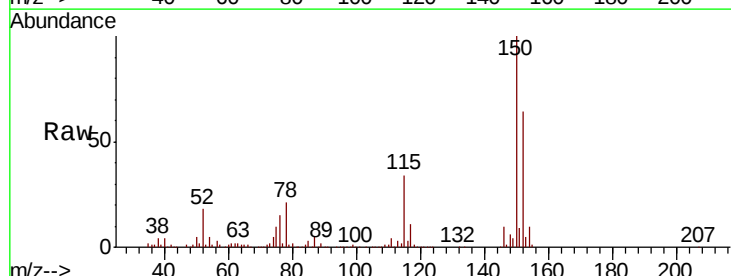
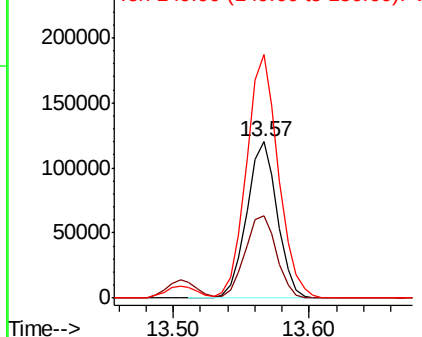
Tgt Ion	Ratio	Lower	Upper
152	100		
115	54.3	27.8	83.3
150	162.5	0.0	349.2

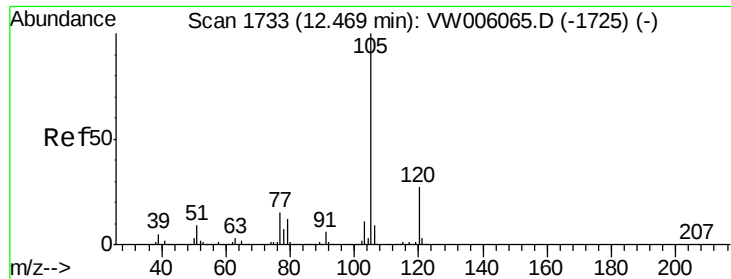
Abundance

Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





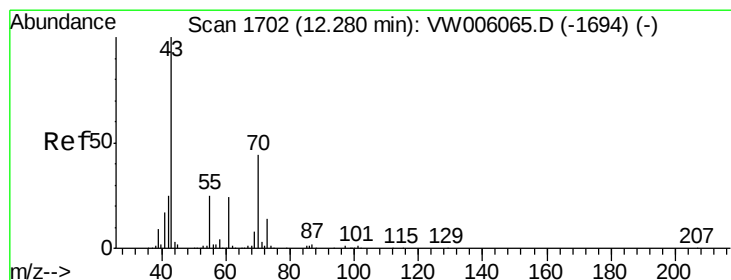
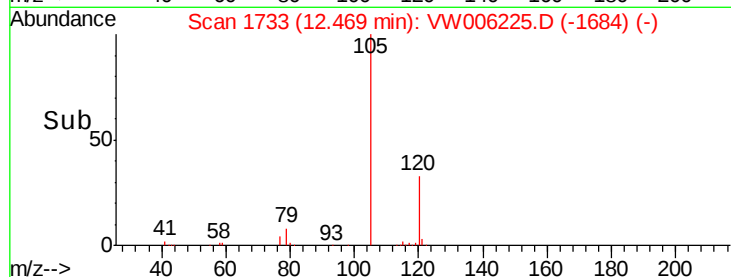
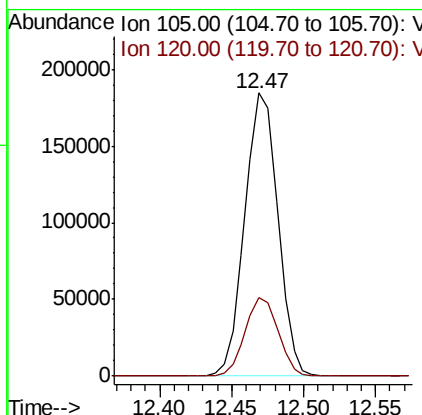
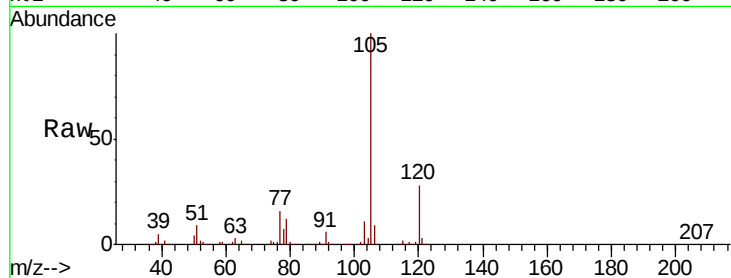
#73
Isopropylbenzene
Concen: 22.032 ug/l
RT: 12.47 min Scan# 1733
Delta R.T. -0.00 min
Lab File: VW006225.D
Acq: 19 Oct 2018 15:20

Instrument :
MSVOA_W
ClientSampleId :
VW1019SBS01

Tot Ion	Ratio	Lower	Upper
105	100		
120	27.7	13.6	40.7

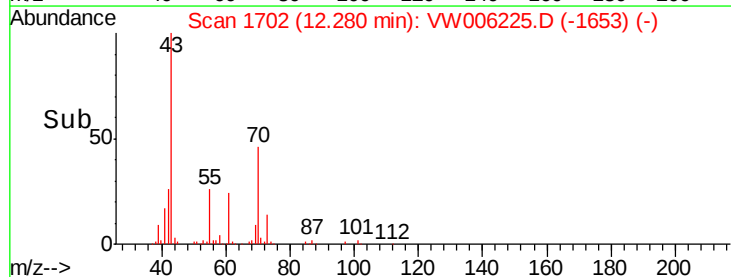
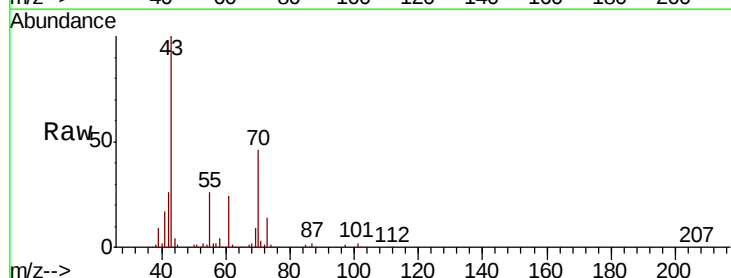
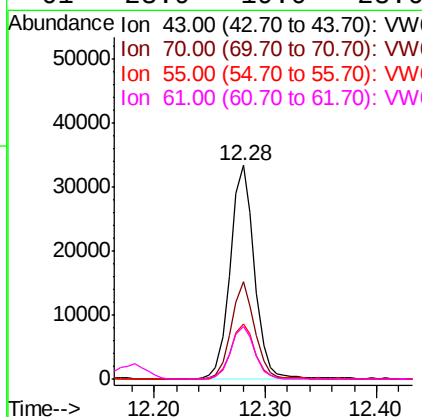
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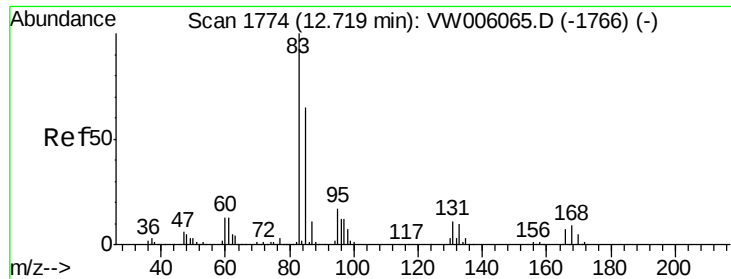
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#74
N-ethyl acetate
Concen: 19.454 ug/l
RT: 12.28 min Scan# 1702
Delta R.T. -0.00 min
Lab File: VW006225.D
Acq: 19 Oct 2018 15:20

Tgt Ion	Ratio	Lower	Upper
43	100		
70	44.4	34.2	51.4
55	25.8	19.2	28.8
61	23.9	19.0	28.6





#75

1,1,2,2-Tetrachloroethane

Concen: 21.722 ug/l

RT: 12.72 min Scan# 1774

Delta R.T. -0.00 min

Lab File: VW006225.D

Acq: 19 Oct 2018 15:20

Instrument :

MSVOA_W

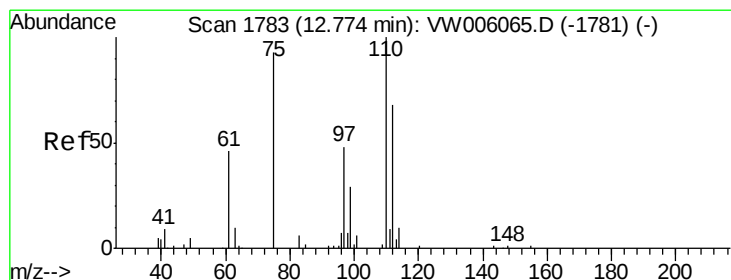
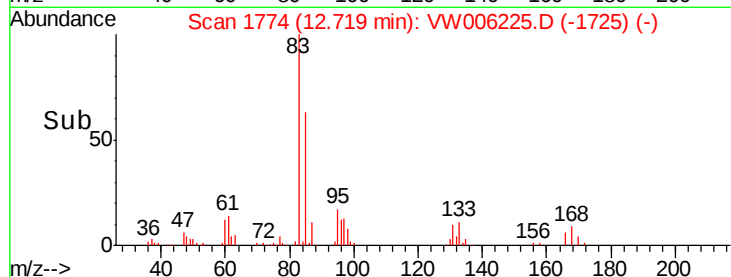
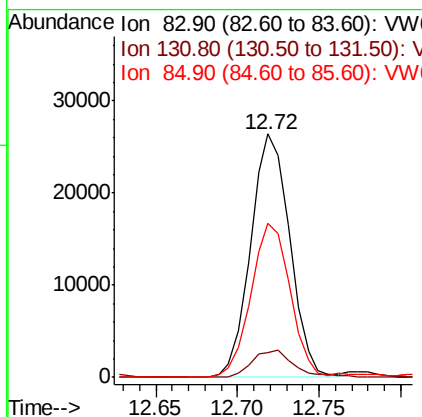
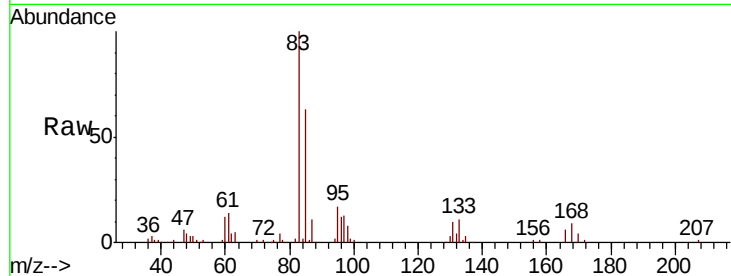
ClientSampleId :

VW1019SBSD01

Tot Ion:	83	Resp:	44049
Ion Ratio	Lower	Upper	
83	100		
131	12.0	5.9	17.7
85	63.3	31.9	95.9

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#76

1,2,3-Trichloropropane

Concen: 19.949 ug/l m

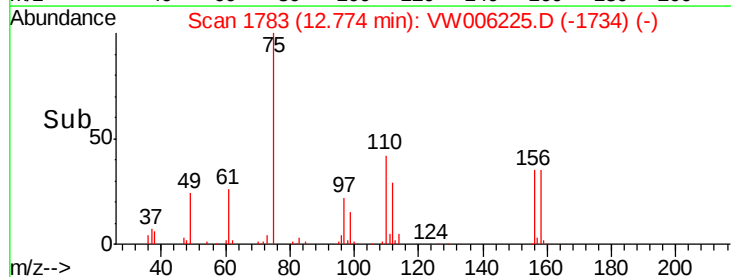
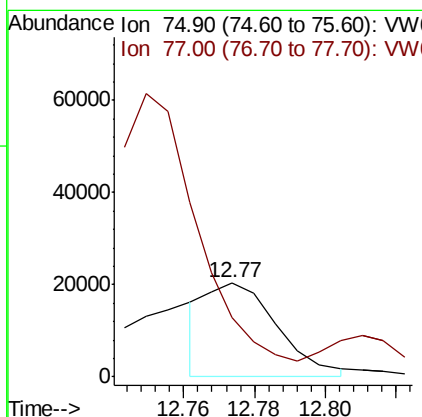
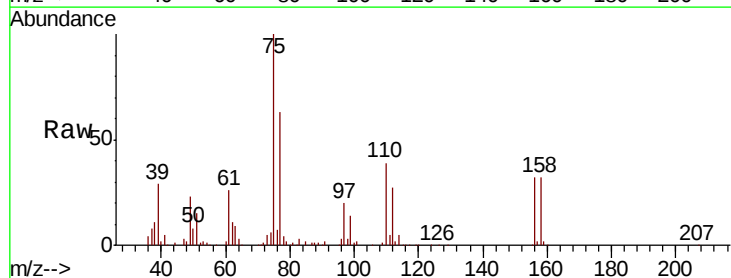
RT: 12.77 min Scan# 1783

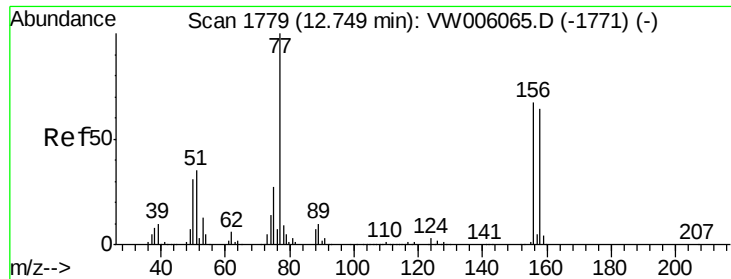
Delta R.T. -0.00 min

Lab File: VW006225.D

Acq: 19 Oct 2018 15:20

Tgt Ion:	75	Resp:	28756
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





#77

Bromobenzene

Concen: 21.917 ug/l

RT: 12.75 min Scan# 1779

Delta R.T. -0.00 min

Lab File: VW006225.D

Acq: 19 Oct 2018 15:20

Instrument :

MSVOA_W

ClientSampleId :

VW1019SBSD01

Tot Ion:156 Resp: 71573

Ion Ratio Lower Upper

156 100

77 156.0 79.1 237.4

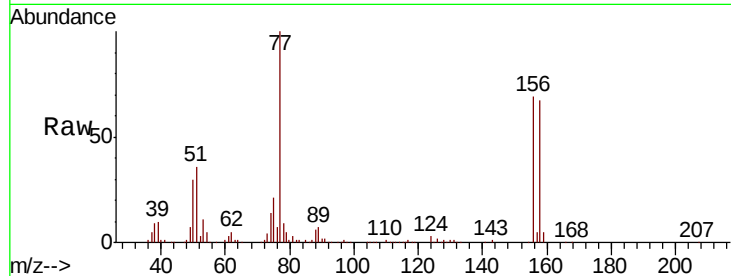
158 98.5 48.5 145.6

Manual Integrations

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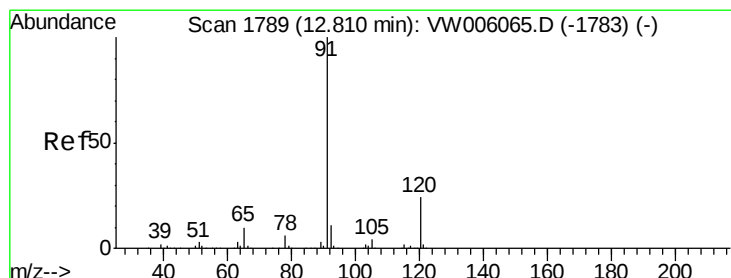
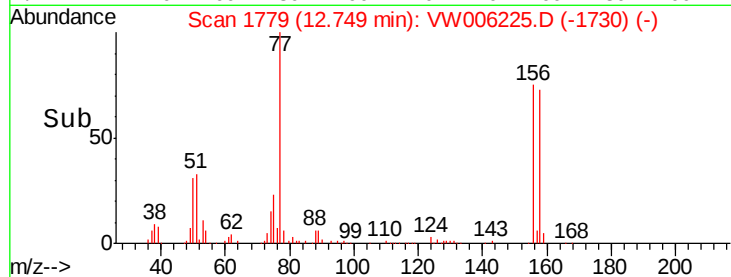
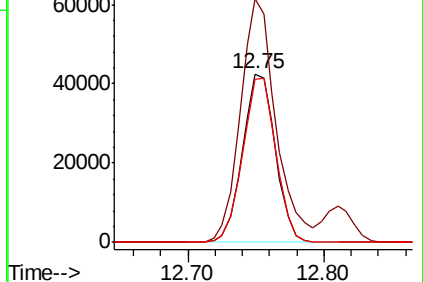
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Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VW

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 22.388 ug/l

RT: 12.81 min Scan# 1789

Delta R.T. -0.00 min

Lab File: VW006225.D

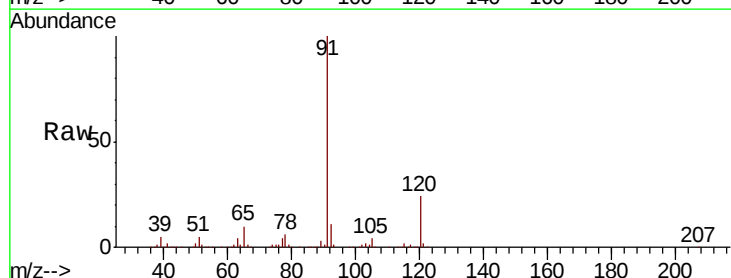
Acq: 19 Oct 2018 15:20

Tgt Ion: 91 Resp: 347263

Ion Ratio Lower Upper

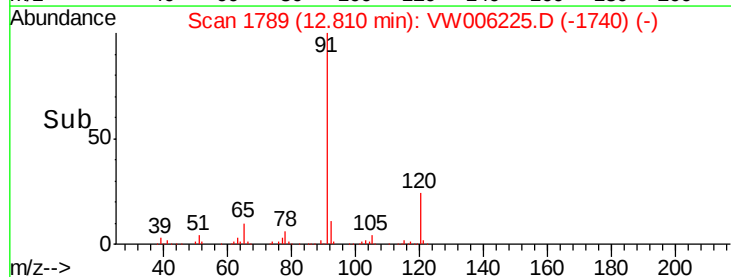
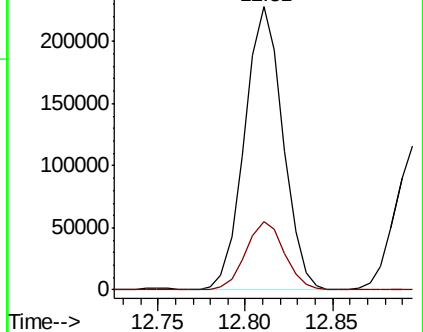
91 100

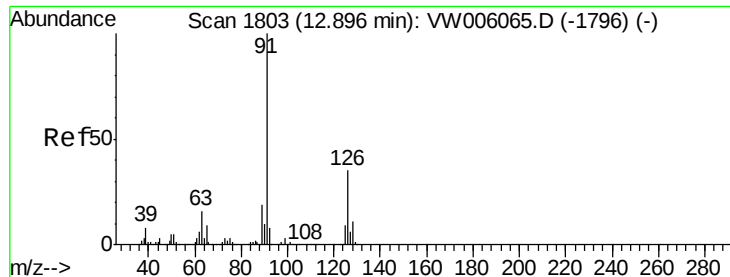
120 24.3 12.2 36.6



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 22.286 ug/l

RT: 12.90 min Scan# 1803

Delta R.T. -0.00 min

Lab File: VW006225.D

Acq: 19 Oct 2018 15:20

Instrument :

MSVOA_W

ClientSampleId :

VW1019SBSD01

Tot Ion: 91 Resp: 194222

Ion Ratio Lower Upper

91 100

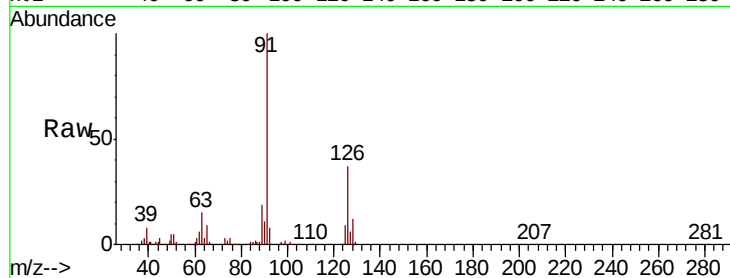
126 36.0 17.9 53.8

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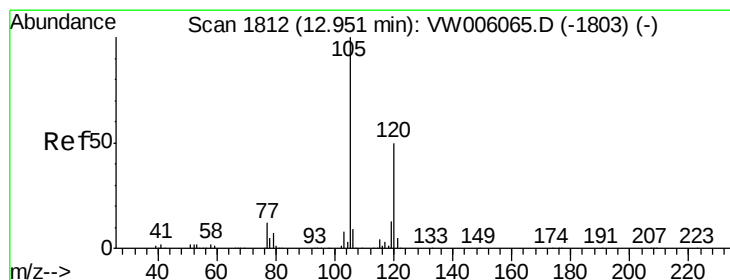
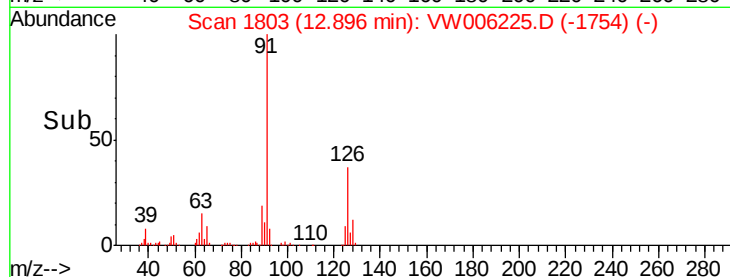
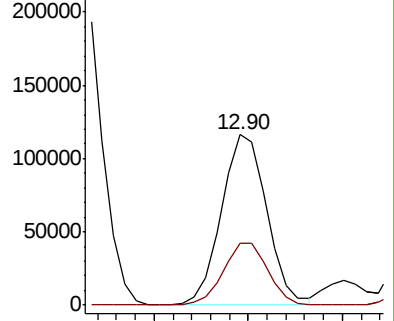
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Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 125.90 (125.60 to 126.60): V



#80

1,3,5-Trimethylbenzene

Concen: 22.136 ug/l

RT: 12.95 min Scan# 1812

Delta R.T. -0.00 min

Lab File: VW006225.D

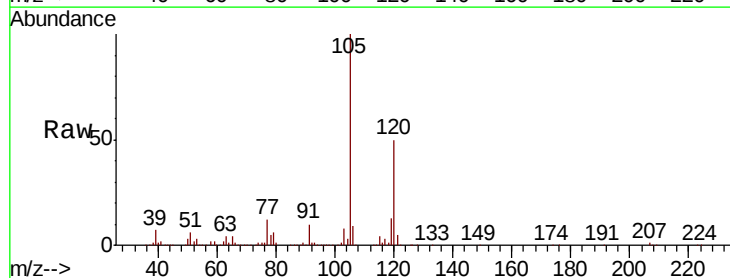
Acq: 19 Oct 2018 15:20

Tgt Ion:105 Resp: 248797

Ion Ratio Lower Upper

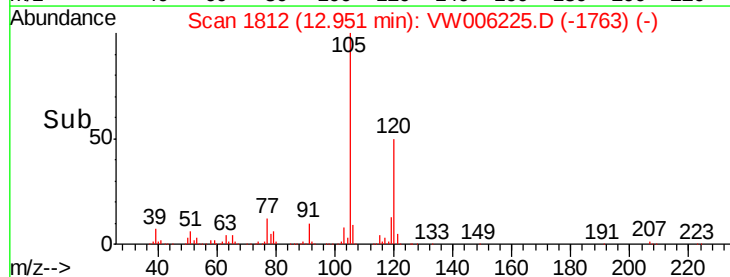
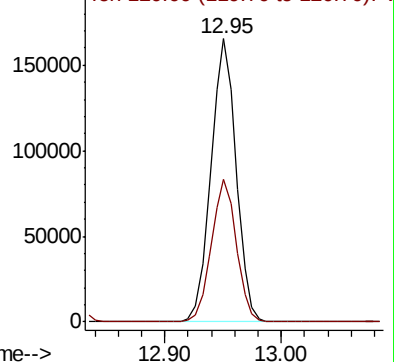
105 100

120 50.0 24.9 74.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





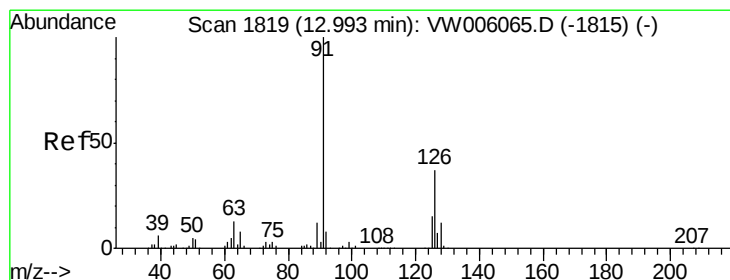
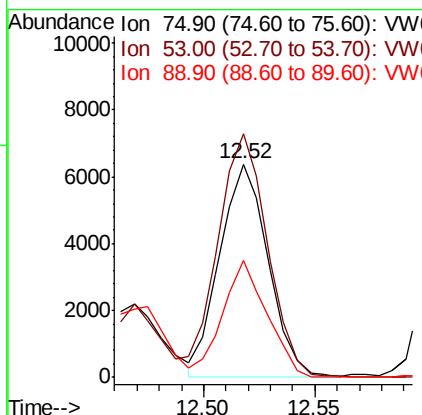
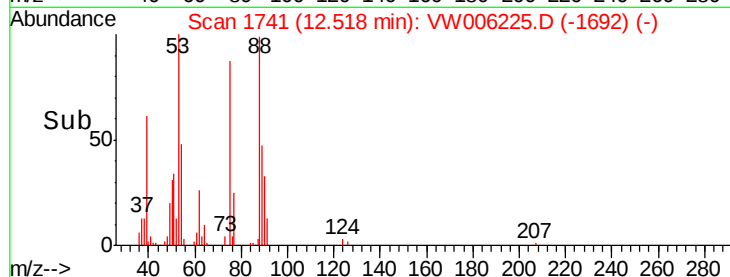
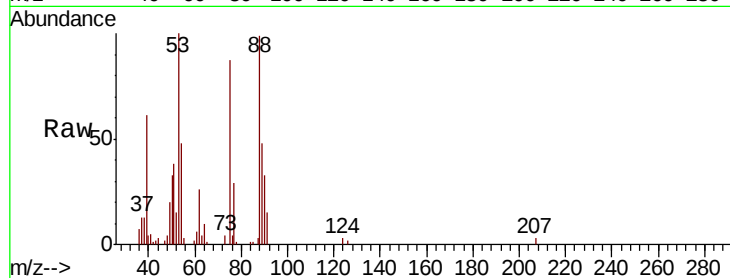
#81
trans-1,4-Dichloro-2-butene
Concen: 15.986 ug/l
RT: 12.52 min Scan# 1741
Delta R.T. -0.00 min
Lab File: VW006225.D
Acq: 19 Oct 2018 15:20

Instrument :
MSVOA_W
ClientSampleId :
VW1019SBS01

Tot Ion	Ratio	Lower	Upper
75	100		
53	118.3	79.8	119.6
89	50.2	37.5	56.3

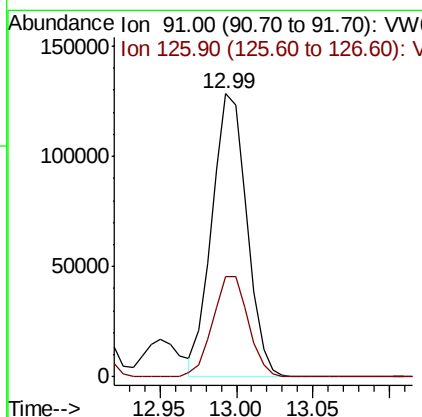
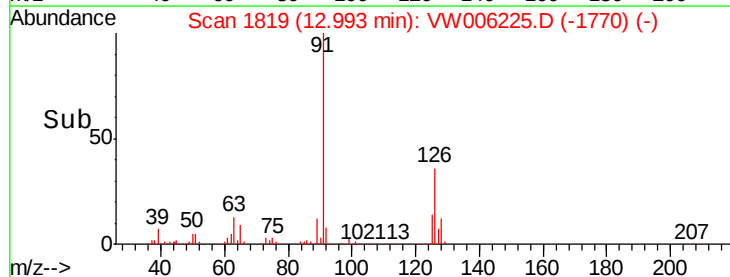
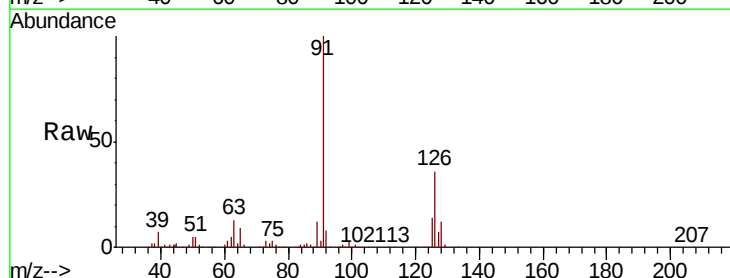
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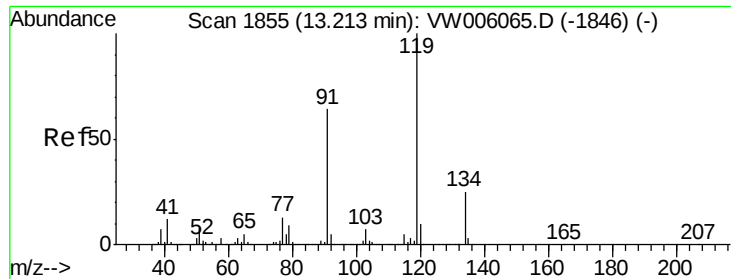
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#82
4-Chlorotoluene
Concen: 22.245 ug/l
RT: 12.99 min Scan# 1819
Delta R.T. -0.00 min
Lab File: VW006225.D
Acq: 19 Oct 2018 15:20

Tgt Ion	Ratio	Lower	Upper
91	100		
126	36.5	18.1	54.3





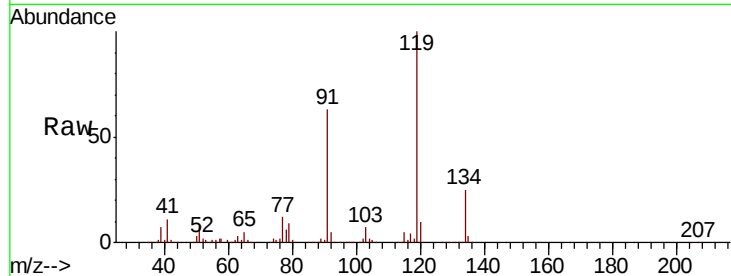
#83
tert-Butylbenzene
Concen: 22.136 ug/l
RT: 13.21 min Scan# 1855
Delta R.T. -0.00 min
Lab File: VW006225.D
Acq: 19 Oct 2018 15:20

Instrument :
MSVOA_W
ClientSampleId :
VW1019SBS01

Tot Ion	Ratio	Resp	Lower	Upper
119	100	222603		
91	63.9		32.3	96.9
134	25.2		13.6	40.8

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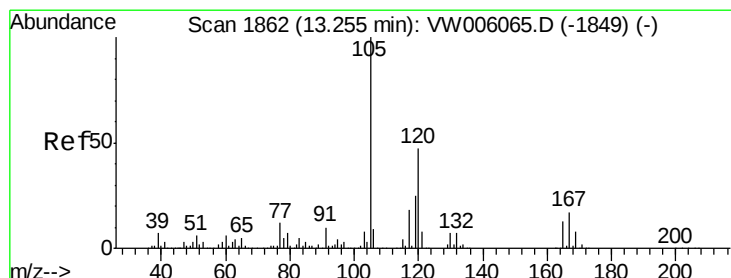
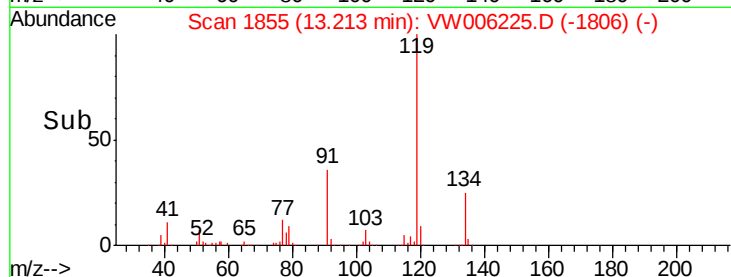
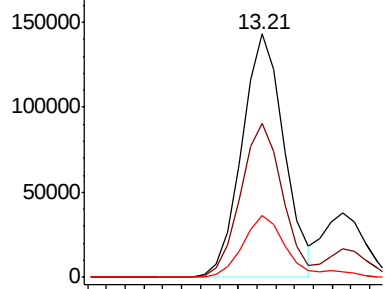


Abundance

Ion 119.00 (118.70 to 119.70): V

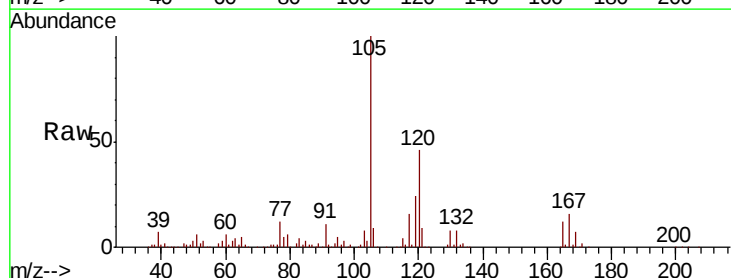
Ion 91.00 (90.70 to 91.70): V

Ion 134.00 (133.70 to 134.70): V



#84
1,2,4-Trimethylbenzene
Concen: 22.210 ug/l
RT: 13.26 min Scan# 1862
Delta R.T. -0.00 min
Lab File: VW006225.D
Acq: 19 Oct 2018 15:20

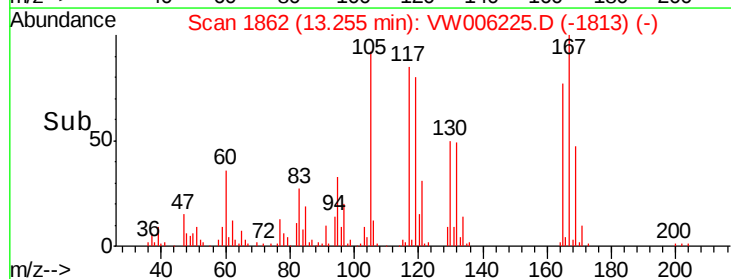
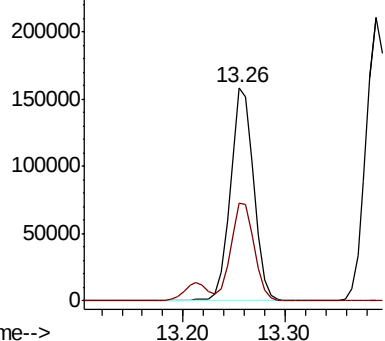
Tgt Ion	Ratio	Resp	Lower	Upper
105	100	252608		
120	45.9		23.1	69.3

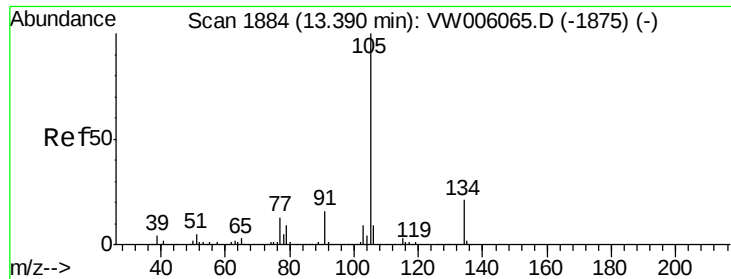


Abundance

Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 22.545 ug/l

RT: 13.39 min Scan# 1884

Delta R.T. -0.00 min

Lab File: VW006225.D

Acq: 19 Oct 2018 15:20

Instrument :

MSVOA_W

ClientSampleId :

VW1019SBS01

Tot Ion:105 Resp: 320286

Ion Ratio Lower Upper

105 100

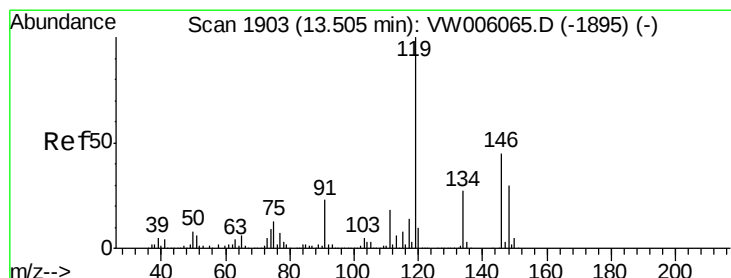
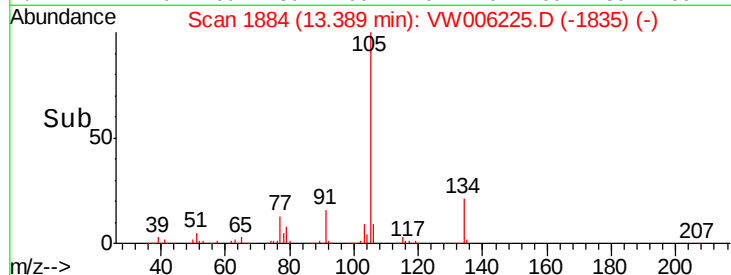
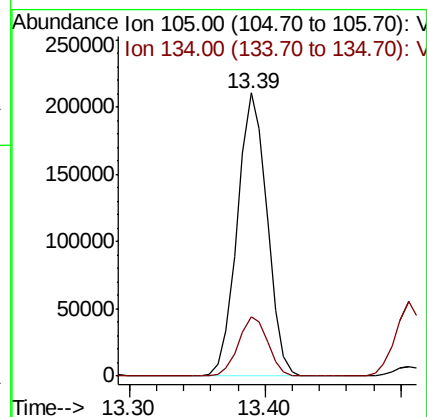
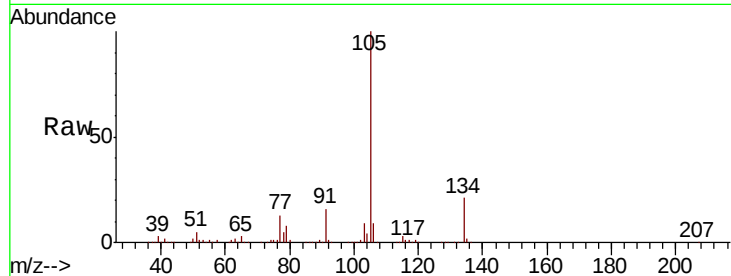
134 21.0 10.5 31.6

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#86

p-Isopropyltoluene

Concen: 22.324 ug/l

RT: 13.51 min Scan# 1903

Delta R.T. -0.00 min

Lab File: VW006225.D

Acq: 19 Oct 2018 15:20

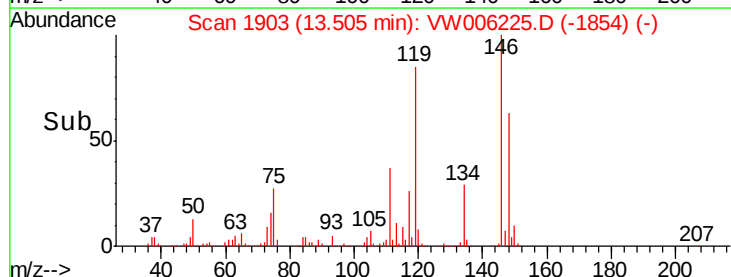
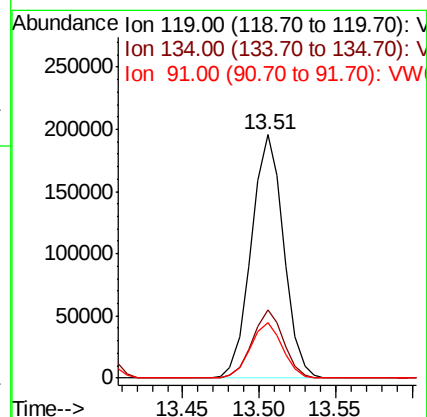
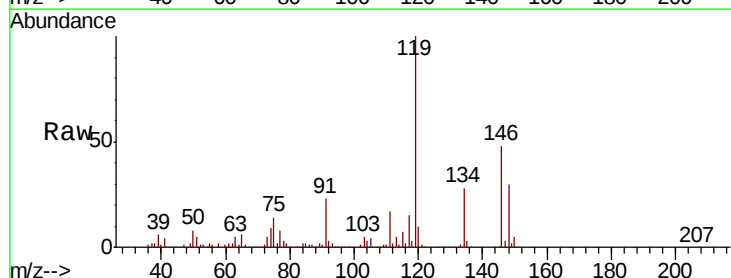
Tgt Ion:119 Resp: 286854

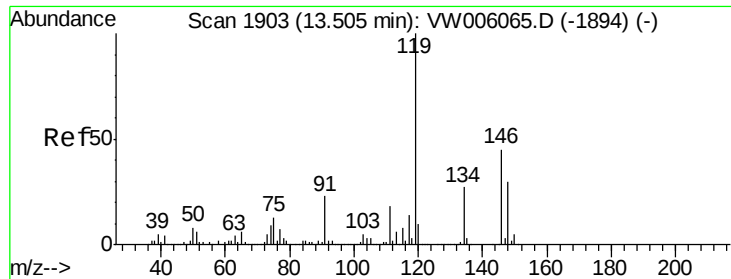
Ion Ratio Lower Upper

119 100

134 27.2 13.4 40.2

91 22.6 11.4 34.1





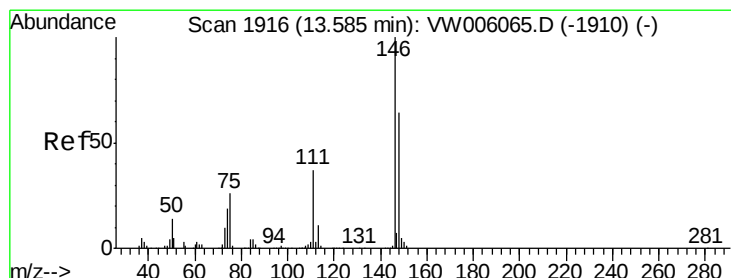
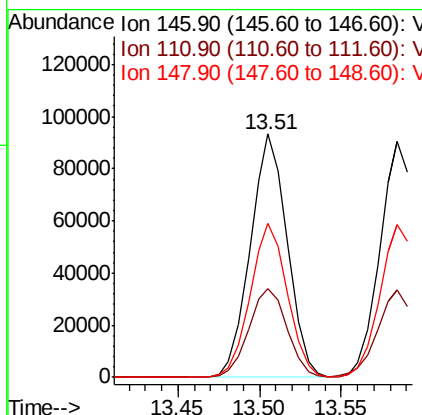
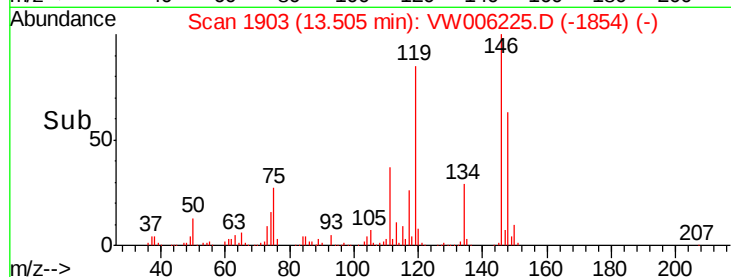
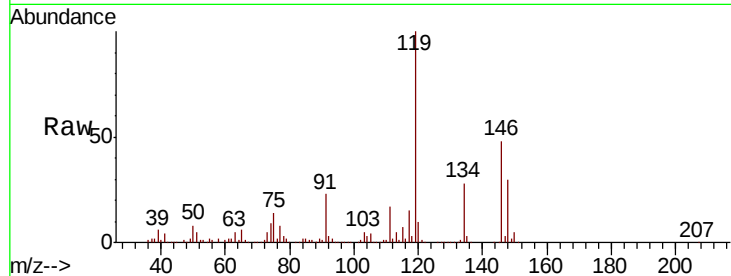
#87
 1,3-Dichlorobenzene
 Concen: 22.513 ug/l
 RT: 13.51 min Scan# 1903
 Delta R.T. -0.00 min
 Lab File: VW006225.D
 Acq: 19 Oct 2018 15:20

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1019SBSD01

Tot Ion	Ratio	Lower	Upper
146	100		
111	37.8	19.1	57.5
148	63.6	32.0	96.2

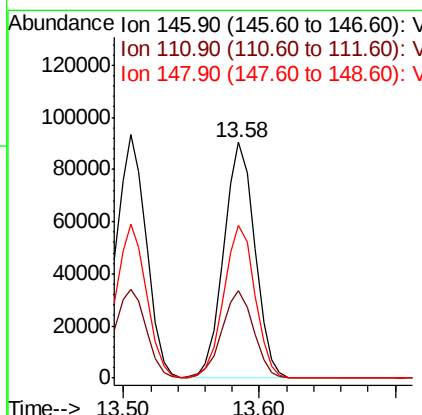
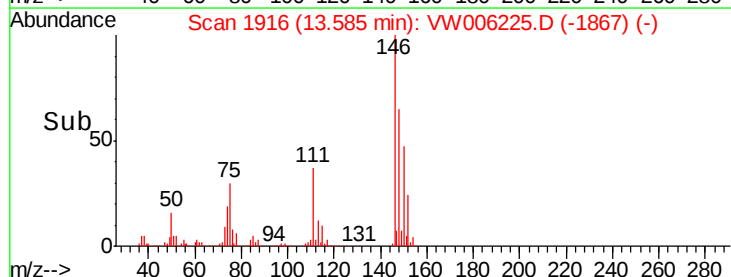
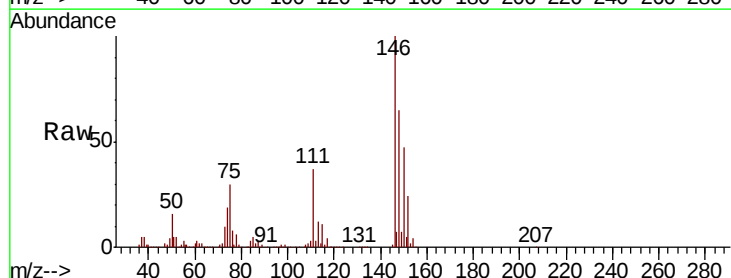
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#88
 1,4-Dichlorobenzene
 Concen: 22.159 ug/l
 RT: 13.58 min Scan# 1916
 Delta R.T. -0.00 min
 Lab File: VW006225.D
 Acq: 19 Oct 2018 15:20

Tgt Ion	Ratio	Lower	Upper
146	100		
111	38.0	18.6	56.0
148	65.1	32.1	96.5





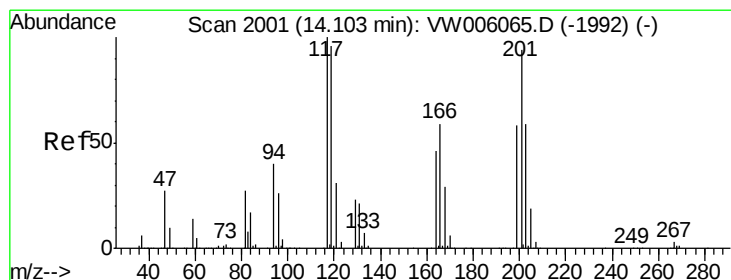
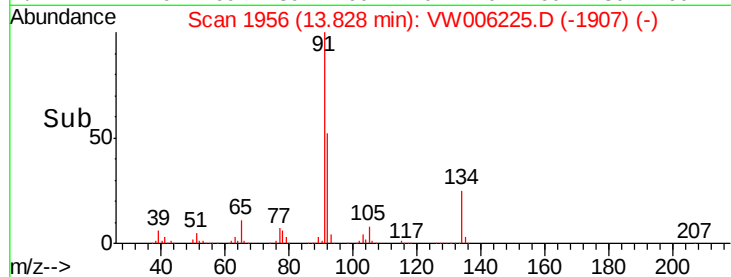
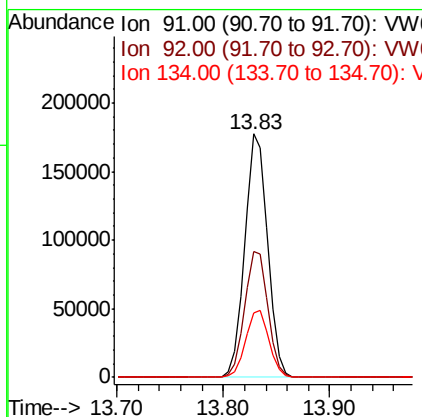
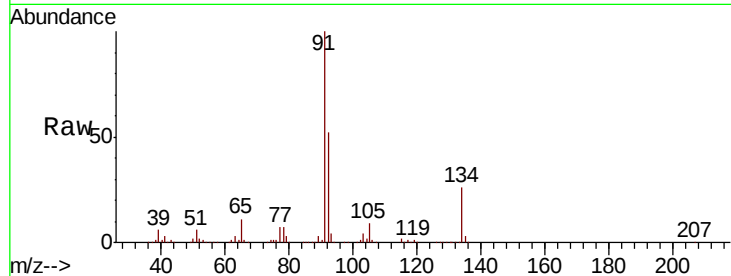
#89
n-Butylbenzene
Concen: 22.694 ug/l
RT: 13.83 min Scan# 1956
Delta R.T. -0.00 min
Lab File: VW006225.D
Acq: 19 Oct 2018 15:20

Instrument :
MSVOA_W
ClientSampleId :
VW1019SBS01

Tot Ion	Ratio	Resp	Lower	Upper
91	100	266690		
92	52.9	26.6	79.7	
134	28.0	14.0	41.9	

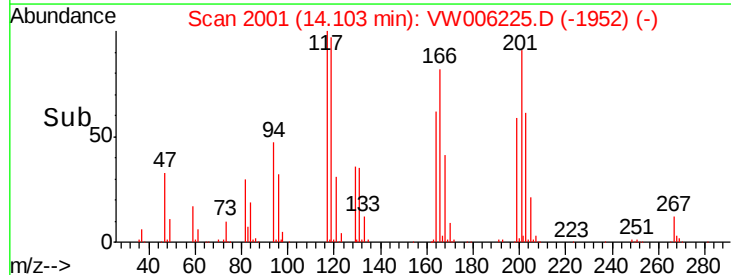
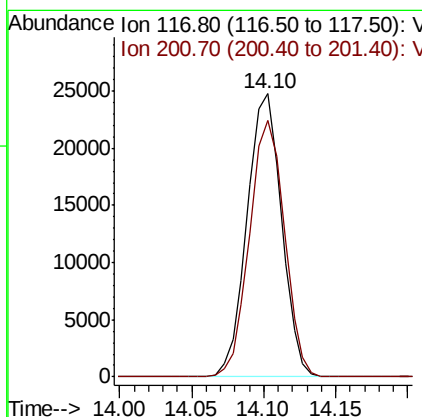
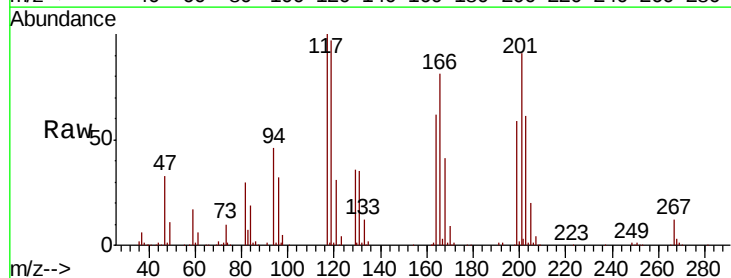
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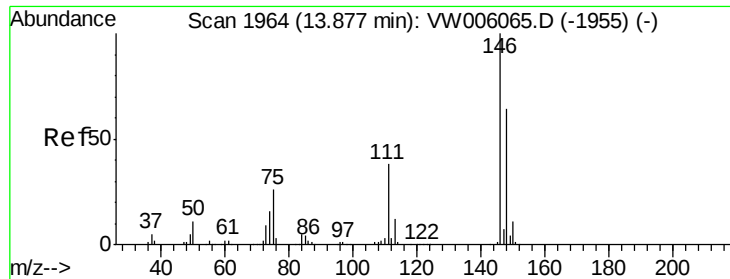
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#90
Hexachloroethane
Concen: 18.848 ug/l
RT: 14.10 min Scan# 2001
Delta R.T. -0.00 min
Lab File: VW006225.D
Acq: 19 Oct 2018 15:20

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	41025		
201	91.5	45.3	135.9	





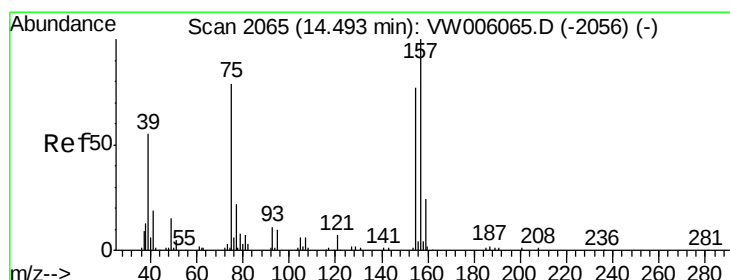
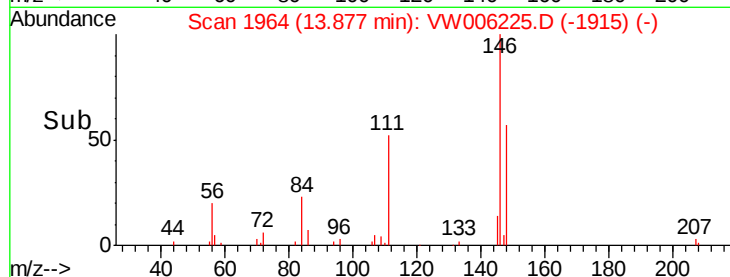
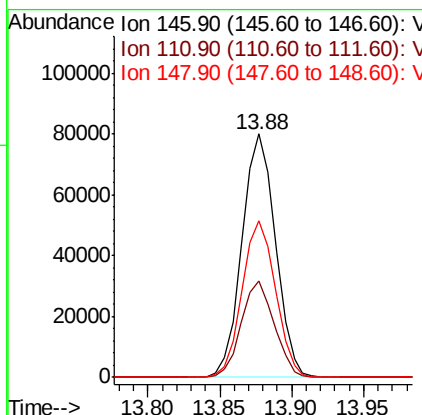
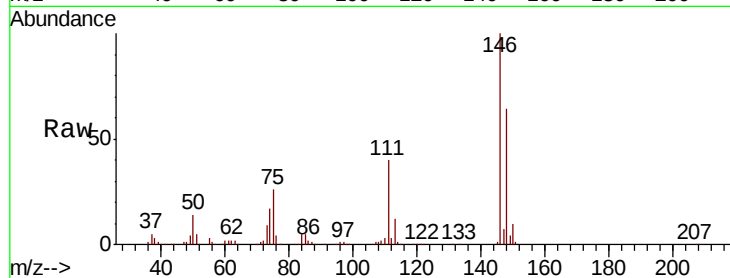
#91
 1,2-Dichlorobenzene
 Concen: 22.242 ug/l
 RT: 13.88 min Scan# 1964
 Delta R.T. -0.00 min
 Lab File: VW006225.D
 Acq: 19 Oct 2018 15:20

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1019SBS01

Tot Ion	Ratio	Lower	Upper
146	100		
111	39.0	19.6	58.7
148	64.1	32.2	96.6

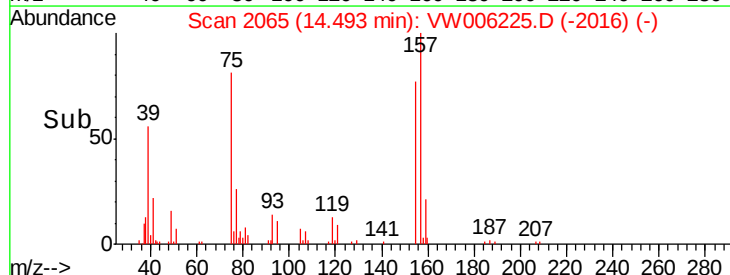
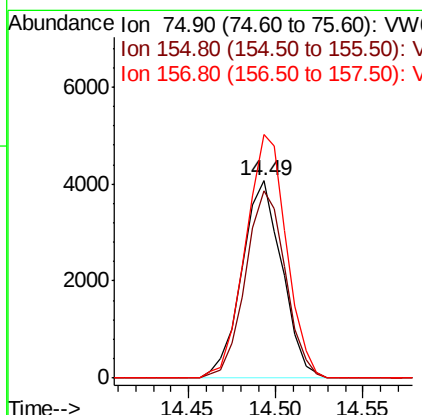
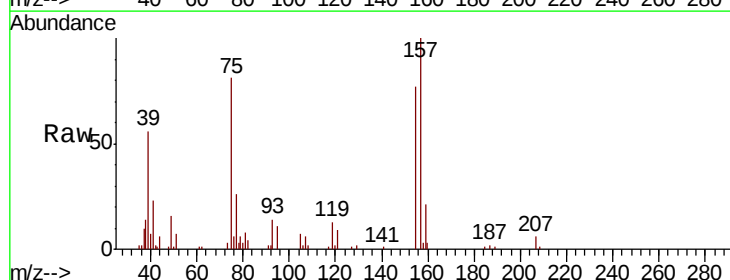
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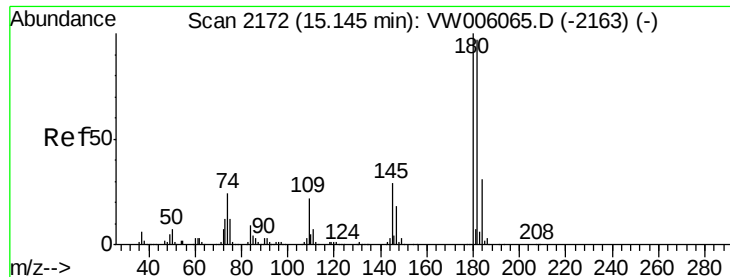
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 17.980 ug/l
 RT: 14.49 min Scan# 2065
 Delta R.T. -0.00 min
 Lab File: VW006225.D
 Acq: 19 Oct 2018 15:20

Tgt Ion	Ratio	Lower	Upper
75	100		
155	94.5	46.5	139.5
157	125.6	59.8	179.4





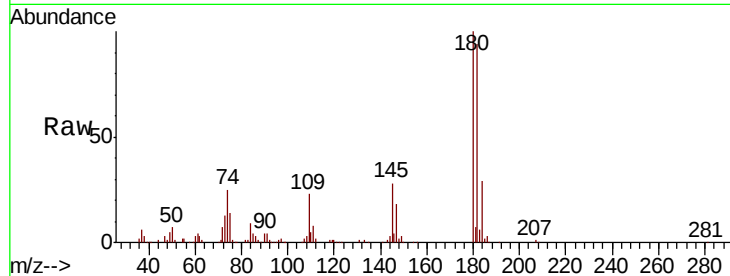
#93
 1,2,4-Trichlorobenzene
 Concen: 22.491 ug/l
 RT: 15.14 min Scan# 2171
 Delta R.T. -0.01 min
 Lab File: VW006225.D
 Acq: 19 Oct 2018 15:20

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1019SBSD01

Tot Ion	Ratio	Resp	Lower	Upper
180	100			
182	94.3	47.9	143.6	
145	27.8	14.2	42.8	

Manual Integrations
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apatel
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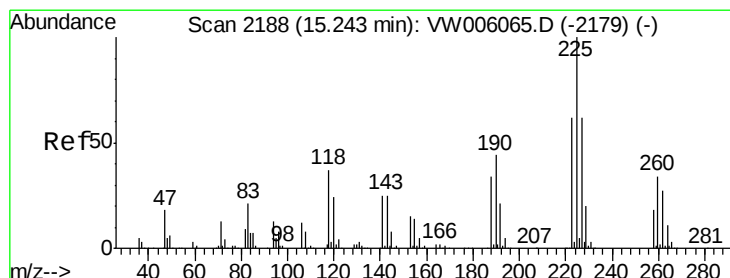
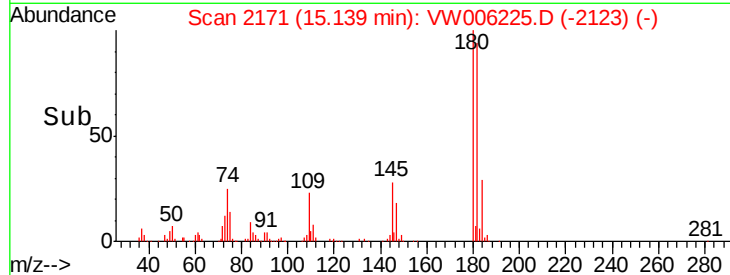
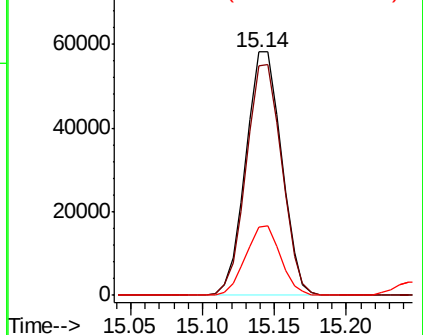


Abundance

Ion 179.80 (179.50 to 180.50): V

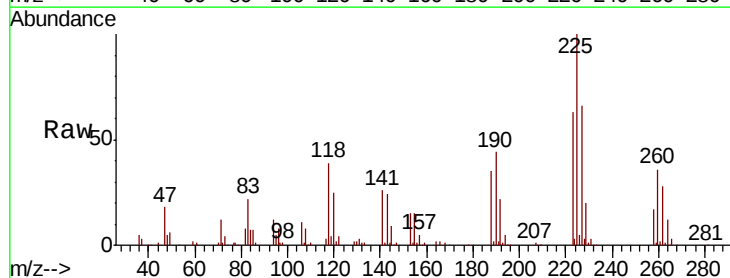
Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V



#94
 Hexachlorobutadiene
 Concen: 22.288 ug/l
 RT: 15.24 min Scan# 2188
 Delta R.T. -0.00 min
 Lab File: VW006225.D
 Acq: 19 Oct 2018 15:20

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	62.5	31.1	93.5	
227	64.7	32.4	97.0	

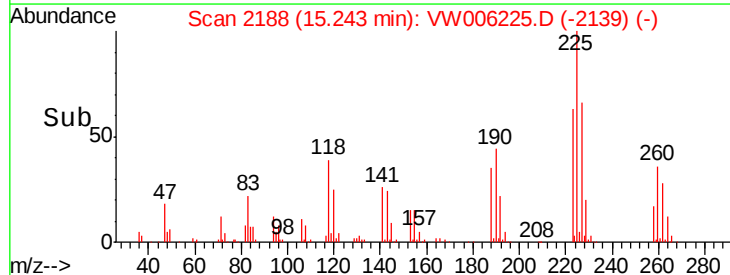
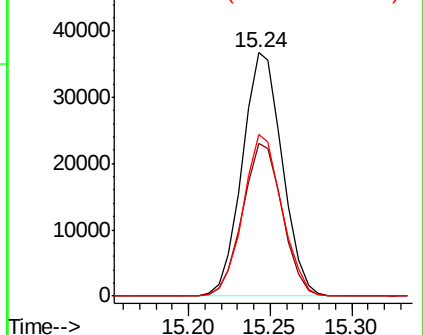


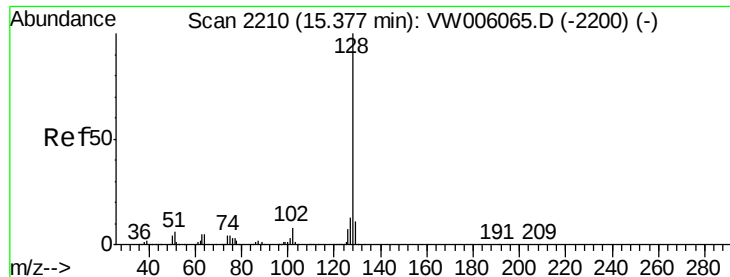
Abundance

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





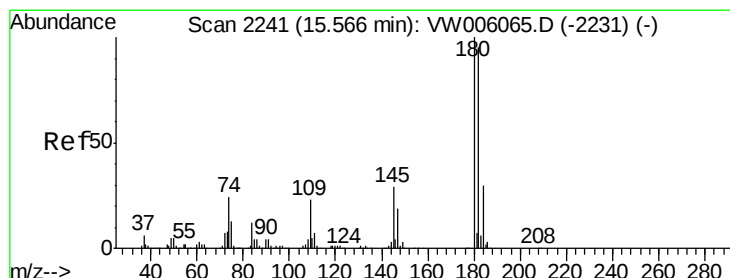
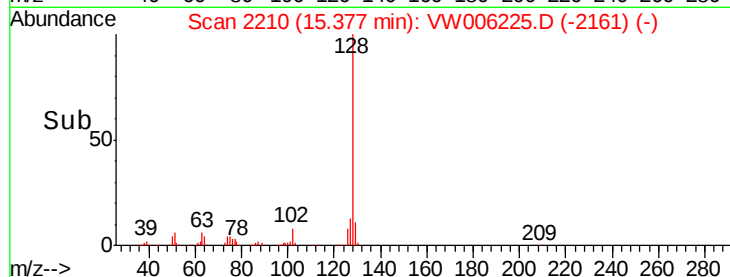
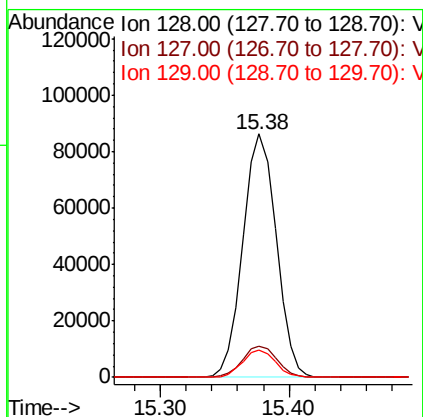
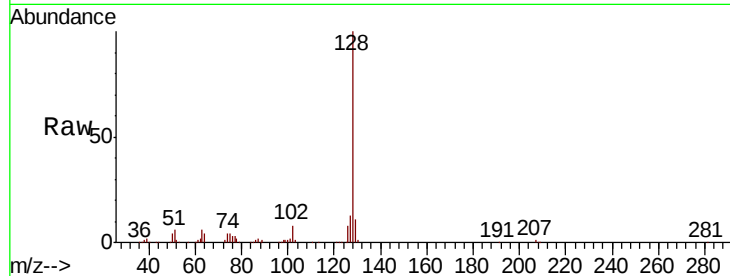
#95
Naphthalene
Concen: 20.847 ug/l
RT: 15.38 min Scan# 2210
Delta R.T. -0.00 min
Lab File: VW006225.D
Acq: 19 Oct 2018 15:20

Instrument :
MSVOA_W
ClientSampleId :
VW1019SBS01

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.2	10.3	15.5
129	11.0	8.7	13.1

Manual Integrations
APPROVED

apatel
10/22/2018 12:17:44 PM



#96
1,2,3-Trichlorobenzene
Concen: 22.006 ug/l
RT: 15.57 min Scan# 2241
Delta R.T. -0.00 min
Lab File: VW006225.D
Acq: 19 Oct 2018 15:20

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.5	47.8	143.3
145	30.1	15.0	45.1

