

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW112118\
 Data File : VW006983.D
 Acq On : 20 Nov 2018 19:15
 Operator : SY/AP
 Sample : VW1121SBSD01
 Misc : 5.00G/5ML/MSVOA_W/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1121SBSD01

Manual Integrations
 APPROVED

MMDadoda
 11/21/2018 11:32:37 AM

Quant Time: Nov 21 05:37:48 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W112118S.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 21 03:23:02 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	115277	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	182040	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	170422	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	86953	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	60760	53.84	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.68%	
35) Dibromofluoromethane	7.88	113	53304	51.85	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.70%	
50) Toluene-d8	10.33	98	233376	51.41	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.82%	
62) 4-Bromofluorobenzene	12.62	95	90580	50.70	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.40%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.00	85	24690	21.69	ug/l	98
3) Chloromethane	2.21	50	20006	21.09	ug/l	99
4) Vinyl Chloride	2.36	62	19437	20.83	ug/l	94
5) Bromomethane	2.78	94	10317	20.71	ug/l	86
6) Chloroethane	2.92	64	10512	20.43	ug/l	98
7) Trichlorofluoromethane	3.26	101	38264	20.85	ug/l	99
8) Diethyl Ether	3.69	74	12802	21.65	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	4.06	101	25367	21.32	ug/l	99
10) Methyl Iodide	4.28	142	24615	18.07	ug/l	99
11) Tert butyl alcohol	5.21	59	8305	113.04	ug/l #	71
12) 1,1-Dichloroethene	4.04	96	22210	21.29	ug/l	99
13) Acrolein	3.90	56	8271	109.62	ug/l	93
14) Allyl chloride	4.67	41	35046	20.25	ug/l	100
15) Acrylonitrile	5.37	53	24291	109.30	ug/l	100
16) Acetone	4.14	43	17608	107.46	ug/l	96
17) Carbon Disulfide	4.39	76	65771	19.50	ug/l	97
18) Methyl Acetate	4.68	43	12433	21.31	ug/l	98
19) Methyl tert-butyl Ether	5.43	73	61201	22.46	ug/l	94
20) Methylene Chloride	4.92	84	27565	17.61	ug/l	99
21) trans-1,2-Dichloroethene	5.43	96	25168	20.71	ug/l	95
22) Diisopropyl ether	6.32	45	71821	21.32	ug/l	97
23) Vinyl Acetate	6.26	43	200718	112.21	ug/l	99
24) 1,1-Dichloroethane	6.23	63	41446	20.23	ug/l	99
25) 2-Butanone	7.18	43	31272	111.43	ug/l	98
26) 2,2-Dichloropropane	7.17	77	38958	21.14	ug/l	99
27) cis-1,2-Dichloroethene	7.17	96	26525	20.49	ug/l	97
28) Bromochloromethane	7.51	49	15695	20.49	ug/l	98
29) Tetrahydrofuran	7.53	42	20291	111.64	ug/l	99
30) Chloroform	7.68	83	44524	20.45	ug/l	100
31) Cyclohexane	7.96	56	46643	21.46	ug/l	98
32) 1,1,1-Trichloroethane	7.88	97	43662	22.27	ug/l	98
36) 1,1-Dichloropropene	8.09	75	37956	21.34	ug/l	99
37) Ethyl Acetate	7.26	43	14353	22.27	ug/l	100
38) Carbon Tetrachloride	8.07	117	36385	21.36	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	44422	19.95	ug/l	98
40) Benzene	8.32	78	99649	20.75	ug/l	100
41) Methacrylonitrile	7.48	41	9564	23.89	ug/l	92
42) 1,2-Dichloroethane	8.40	62	29615	21.24	ug/l	99
43) Isopropyl Acetate	8.43	43	26826	21.84	ug/l	99
44) Trichloroethene	9.09	130	28637	21.27	ug/l	98
45) 1,2-Dichloropropane	9.37	63	25446	21.50	ug/l	96
46) Dibromomethane	9.46	93	12387	20.90	ug/l	97
47) Bromodichloromethane	9.65	83	34358	22.00	ug/l	98
48) Methyl methacrylate	9.44	41	12126	20.47	ug/l	95
49) 1,4-Dioxane	9.47	88	3487	395.78	ug/l #	97
51) 4-Methyl-2-Pentanone	10.21	43	66713	107.46	ug/l	100
52) Toluene	10.39	92	67492	20.65	ug/l	99
53) t-1,3-Dichloropropene	10.61	75	32520	21.49	ug/l	99
54) cis-1,3-Dichloropropene	10.07	75	39135	21.41	ug/l	100
55) 1,1,2-Trichloroethane	10.79	97	18826	21.59	ug/l	96
56) Ethyl methacrylate	10.65	69	21550	21.29	ug/l	96
57) 1,3-Dichloropropane	10.93	76	31331	21.44	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.93	63	60253	113.90	ug/l	99
59) 2-Hexanone	10.97	43	46358	109.05	ug/l	99
60) Dibromochloromethane	11.13	129	21317	21.45	ug/l	98
61) 1,2-Dibromoethane	11.24	107	17614	22.08	ug/l	97
64) Tetrachloroethene	10.87	164	22735	20.74	ug/l	94
65) Chlorobenzene	11.66	112	74357	20.90	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.73	131	22943	21.32	ug/l	100
67) Ethyl Benzene	11.73	91	134038	20.51	ug/l	98
68) m/p-Xylenes	11.84	106	106768	41.65	ug/l	98
69) o-Xylene	12.17	106	50132	20.74	ug/l	100
70) Styrene	12.18	104	80800	21.00	ug/l	99
71) Bromoform	12.35	173	11231	22.16	ug/l #	100
73) Isopropylbenzene	12.47	105	137099	20.29	ug/l	99
74) N-amyl acetate	12.27	43	24508	21.64	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.72	83	19538	21.72	ug/l	98
76) 1,2,3-Trichloropropane	12.77	75	15057m	22.04	ug/l	
77) Bromobenzene	12.75	156	29605	20.40	ug/l	99
78) n-propylbenzene	12.81	91	164518	20.10	ug/l	99
79) 2-Chlorotoluene	12.90	91	95504	20.23	ug/l	99
80) 1,3,5-Trimethylbenzene	12.94	105	118296	20.24	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.52	75	5539	20.35	ug/l	93
82) 4-Chlorotoluene	12.99	91	100967	20.38	ug/l	99
83) tert-Butylbenzene	13.21	119	102598	20.28	ug/l	99
84) 1,2,4-Trimethylbenzene	13.26	105	117054	20.10	ug/l	98
85) sec-Butylbenzene	13.39	105	144291	20.19	ug/l	100
86) p-Isopropyltoluene	13.51	119	127426	20.21	ug/l	99
87) 1,3-Dichlorobenzene	13.51	146	60937	20.56	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	60510	20.48	ug/l	98
89) n-Butylbenzene	13.83	91	120251	20.26	ug/l	98
90) Hexachloroethane	14.10	117	18020	19.57	ug/l	98
91) 1,2-Dichlorobenzene	13.88	146	54125	20.85	ug/l	97
92) 1,2-Dibromo-3-Chloropropan	14.49	75	3306	21.77	ug/l	94

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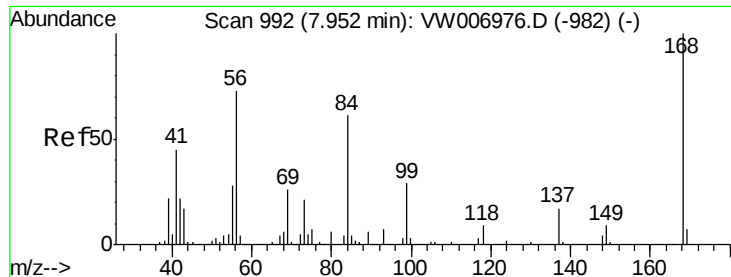
Manual Integrations
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Quant Title : SW846 8260
QLast Update : Wed Nov 21 03:23:02 2018
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.14	180	34252	20.01	ug/l	100
94) Hexachlorobutadiene	15.24	225	18258	19.62	ug/l	98
95) Naphthalene	15.38	128	61883	19.91	ug/l	99
96) 1,2,3-Trichlorobenzene	15.57	180	28763	20.25	ug/l	100

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



#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.95 min Scan# 992

Delta R.T. 0.00 min

Lab File: VW006983.D

Acq: 20 Nov 2018 19:15

Instrument :

MSVOA_W

ClientSampleId :

VW1121SBS01

Tgt Ion:168 Resp: 115277

Ion Ratio Lower Upper

168 100

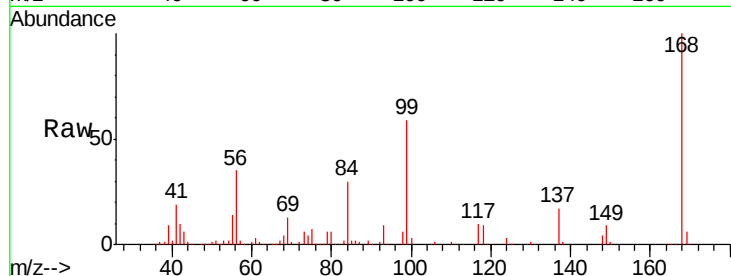
99 58.6 48.2 72.4

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

60000

50000

40000

30000

20000

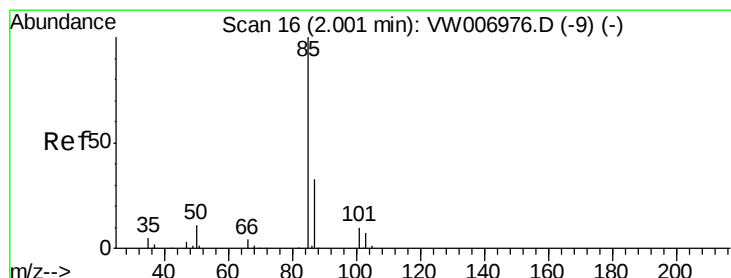
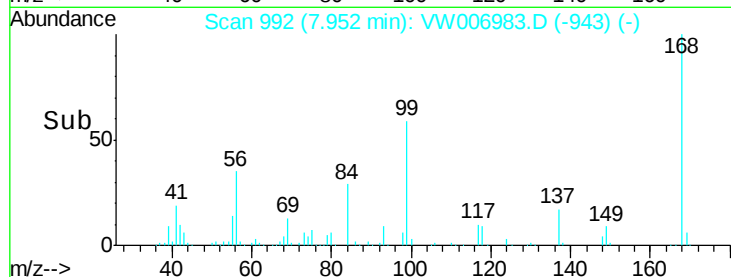
10000

0

7.90

8.00

Time-->



#2

Dichlorodifluoromethane

Concen: 21.69 ug/l

RT: 2.00 min Scan# 16

Delta R.T. 0.00 min

Lab File: VW006983.D

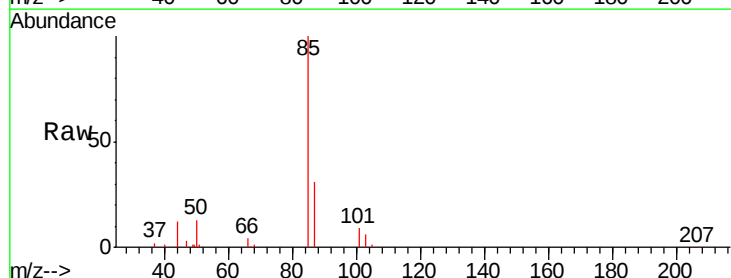
Acq: 20 Nov 2018 19:15

Tgt Ion: 85 Resp: 24690

Ion Ratio Lower Upper

85 100

87 31.5 16.3 48.9



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW

20000

15000

10000

5000

0

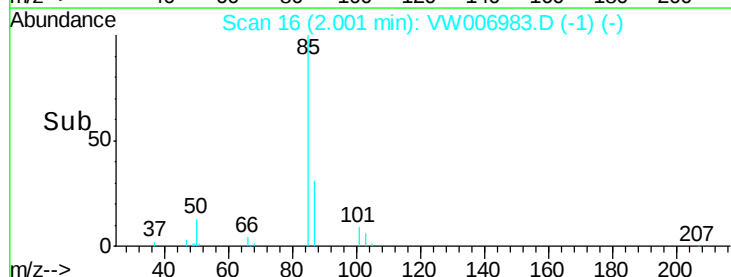
1.95

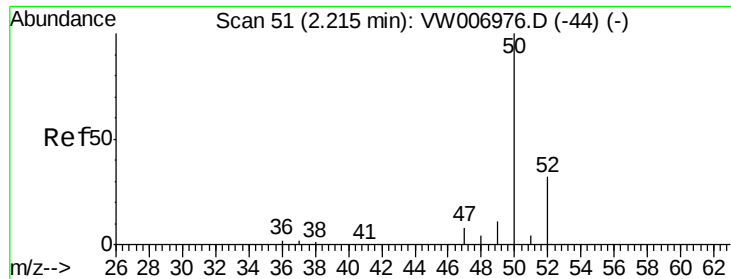
2.00

2.05

2.10

Time-->





#3

Chloromethane

Concen: 21.09 ug/l

RT: 2.21 min Scan# 51

Delta R.T. 0.00 min

Lab File: VW006983.D

Acq: 20 Nov 2018 19:15

Instrument :

MSVOA_W

ClientSampleId :

VW1121SBS01

Tgt Ion: 50 Resp: 20006

Ion Ratio Lower Upper

50 100

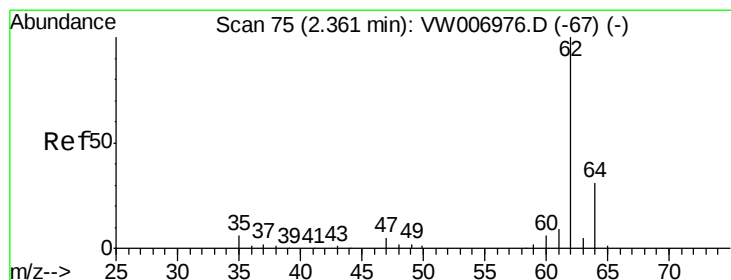
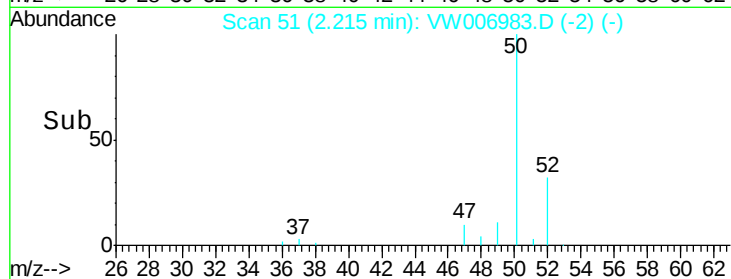
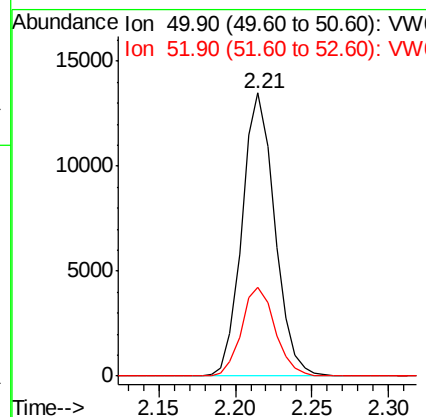
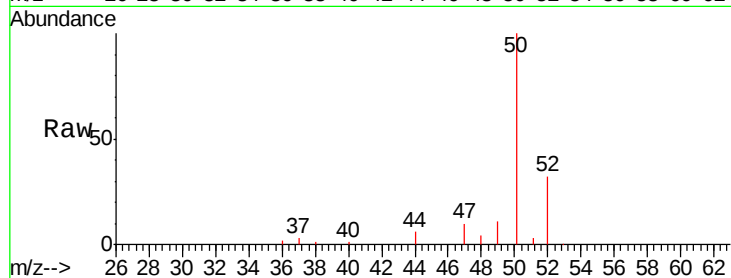
52 31.6 25.7 38.5

Manual Integrations

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#4

Vinyl Chloride

Concen: 20.83 ug/l

RT: 2.36 min Scan# 75

Delta R.T. 0.00 min

Lab File: VW006983.D

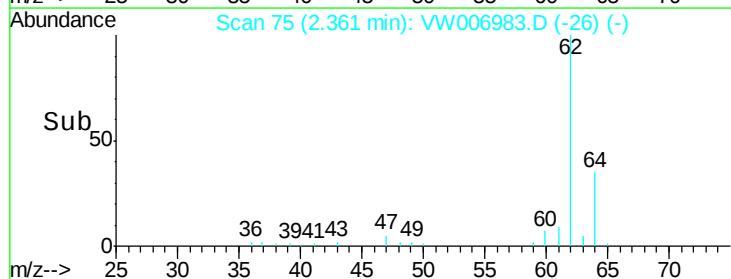
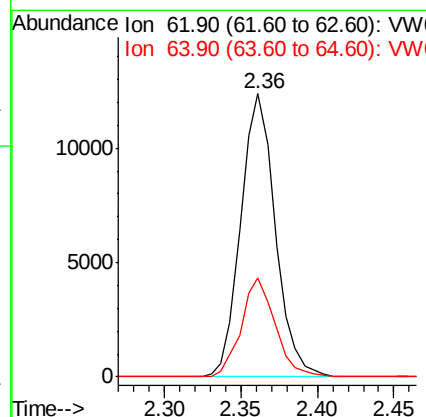
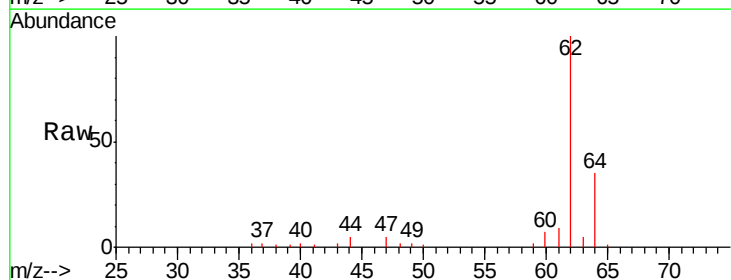
Acq: 20 Nov 2018 19:15

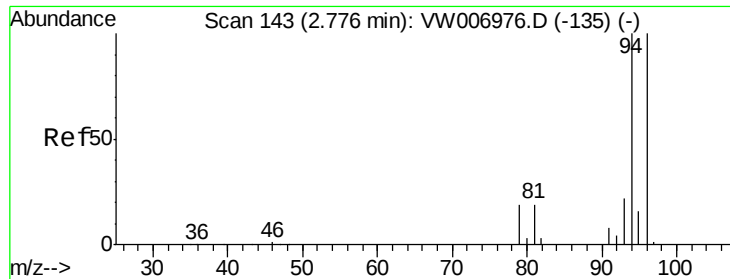
Tgt Ion: 62 Resp: 19437

Ion Ratio Lower Upper

62 100

64 34.8 25.2 37.8





#5

Bromomethane

Concen: 20.71 ug/l

RT: 2.78 min Scan# 143

Delta R.T. 0.00 min

Lab File: VW006983.D

Acq: 20 Nov 2018 19:15

Instrument :

MSVOA_W

ClientSampleId :

VW1121SBS01

Tgt Ion: 94 Resp: 10317

Ion Ratio Lower Upper

94 100

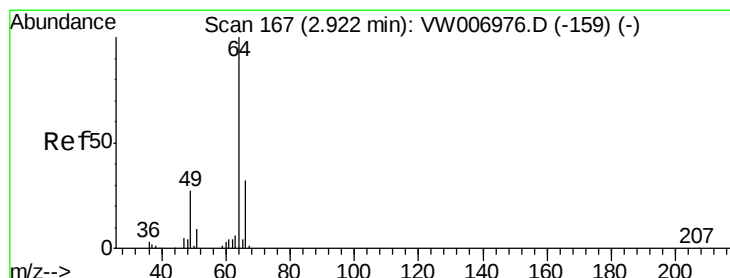
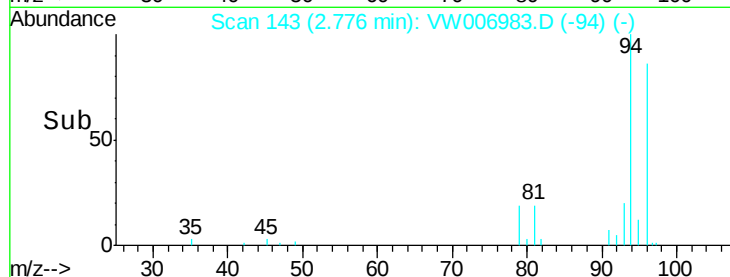
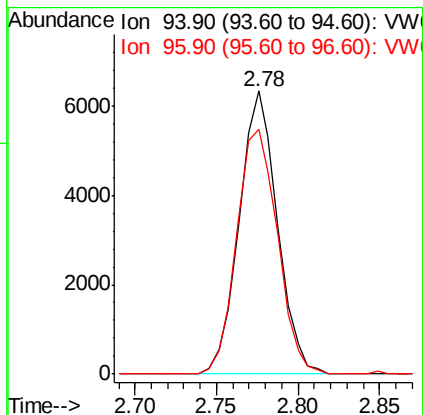
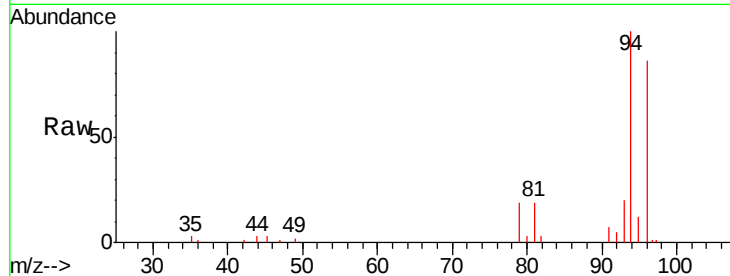
96 86.4 80.2 120.2

Manual Integrations

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#6

Chloroethane

Concen: 20.43 ug/l

RT: 2.92 min Scan# 167

Delta R.T. 0.00 min

Lab File: VW006983.D

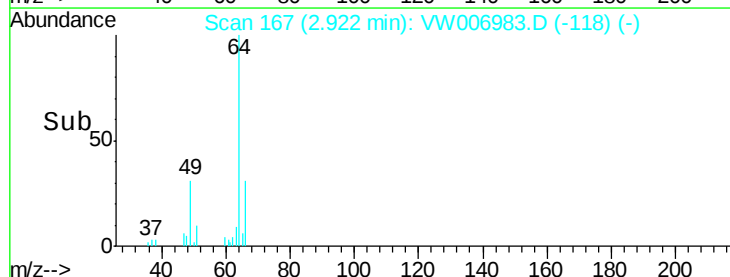
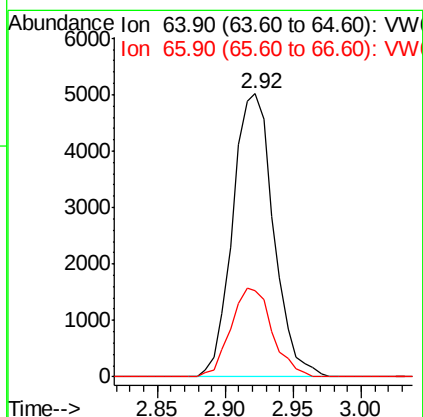
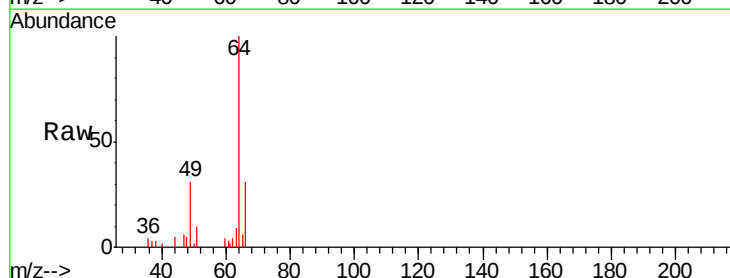
Acq: 20 Nov 2018 19:15

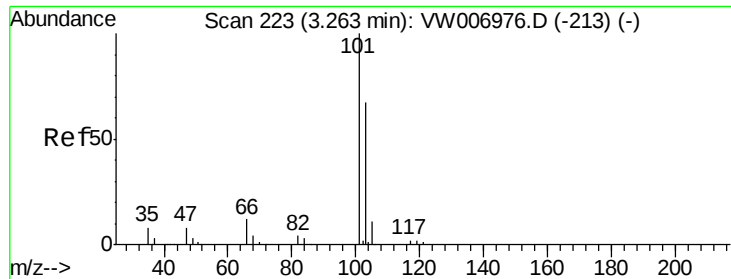
Tgt Ion: 64 Resp: 10512

Ion Ratio Lower Upper

64 100

66 30.6 25.3 37.9





#7

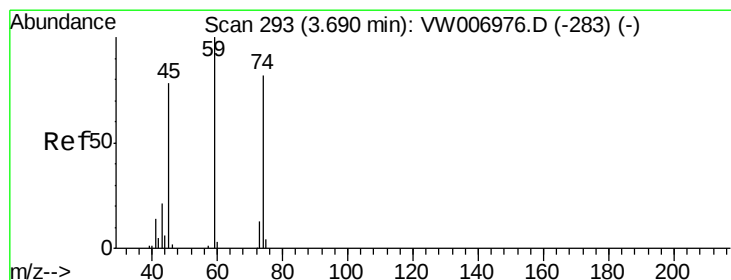
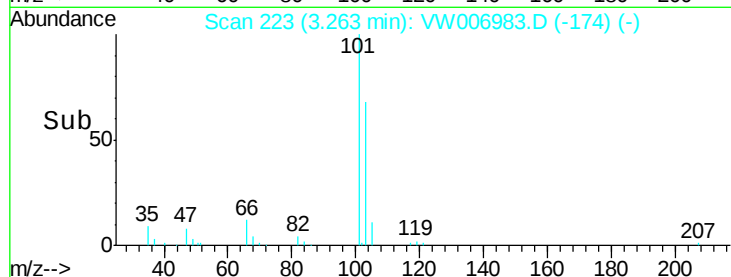
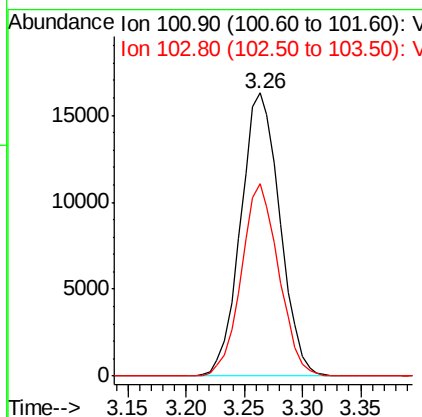
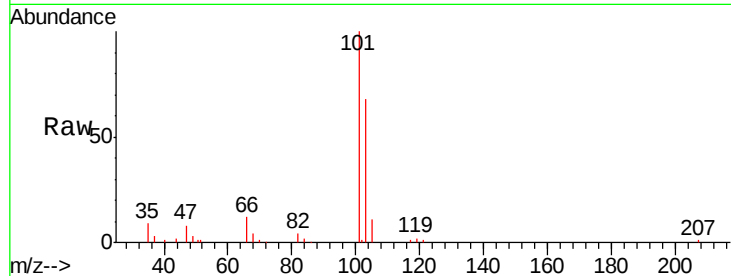
Trichlorofluoromethane
 Concen: 20.85 ug/l
 RT: 3.26 min Scan# 223
 Delta R.T. 0.00 min
 Lab File: VW006983.D
 Acq: 20 Nov 2018 19:15

Instrument :
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 ClientSampleId :
 VW1121SBS01

Tgt Ion	Ratio	Lower	Upper
101	100		
103	68.0	53.4	80.2

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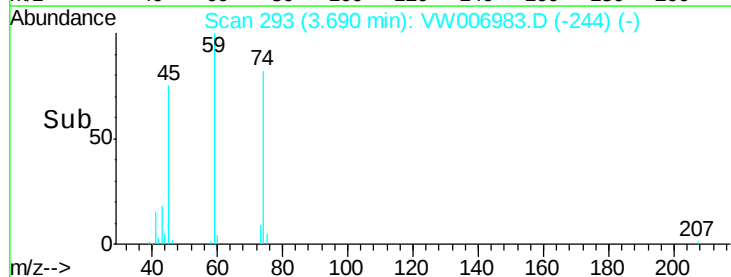
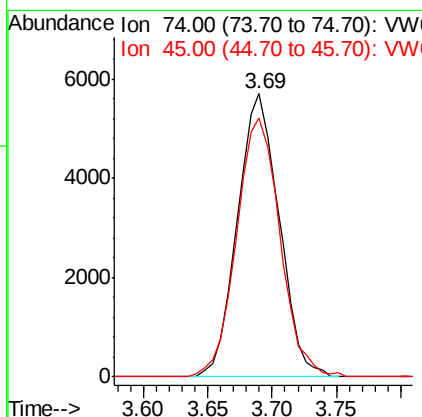
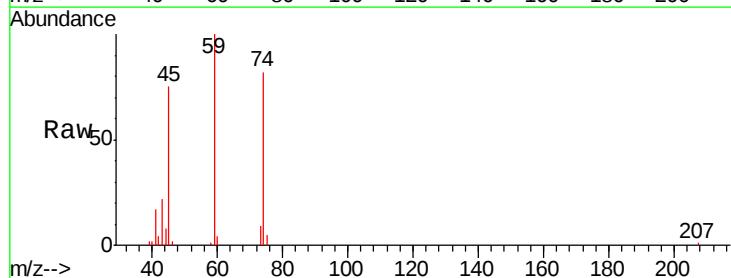
MMDadoda
 11/21/2018 11:32:37 AM

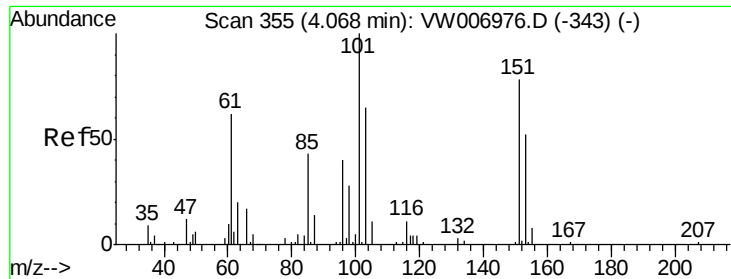


#8

Diethyl Ether
 Concen: 21.65 ug/l
 RT: 3.69 min Scan# 293
 Delta R.T. 0.00 min
 Lab File: VW006983.D
 Acq: 20 Nov 2018 19:15

Tgt Ion	Ratio	Lower	Upper
74	100		
45	95.2	48.4	145.2





#9

1,1,2-Trichlorotrifluoroethane

Concen: 21.32 ug/l

RT: 4.06 min Scan# 354

Delta R.T. -0.01 min

Lab File: VW006983.D

Acq: 20 Nov 2018 19:15

Instrument :

MSVOA_W

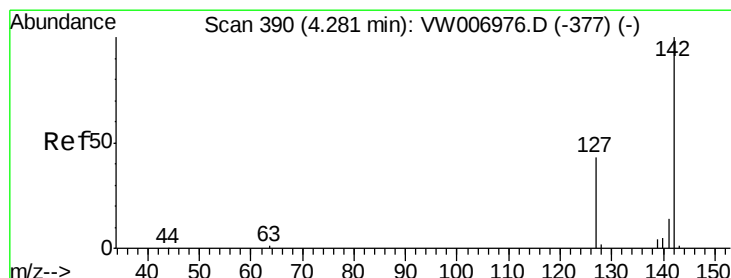
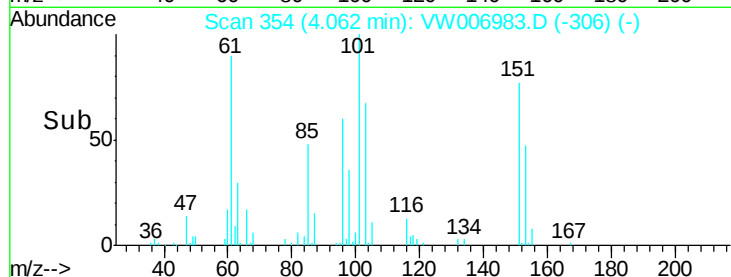
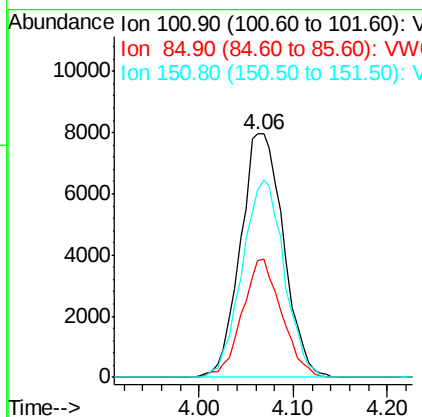
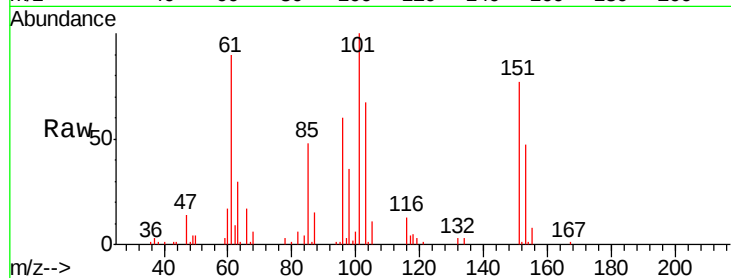
ClientSampleId :

VW1121SBS01

Tgt Ion:	101	Resp:	25367
Ion Ratio	Lower	Upper	
101	100		
85	44.5	34.3	51.5
151	79.2	63.4	95.2

Manual Integrations
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#10

Methyl Iodide

Concen: 18.07 ug/l

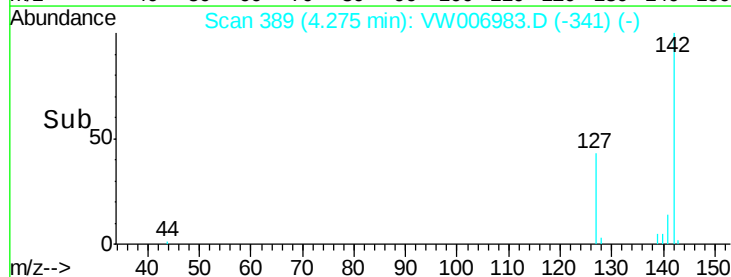
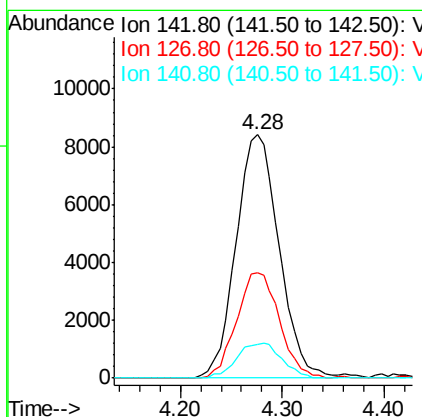
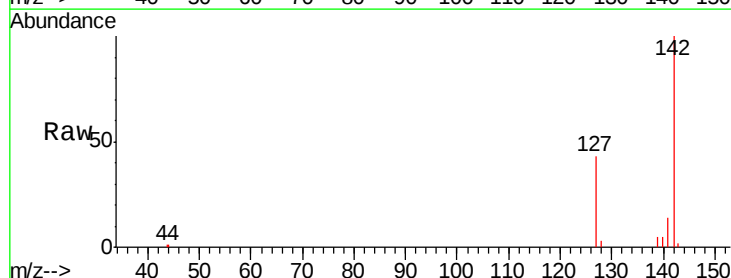
RT: 4.28 min Scan# 389

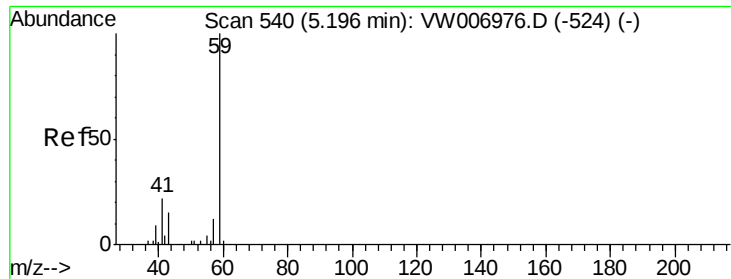
Delta R.T. -0.01 min

Lab File: VW006983.D

Acq: 20 Nov 2018 19:15

Tgt Ion:	142	Resp:	24615
Ion Ratio	Lower	Upper	
142	100		
127	43.0	35.3	52.9
141	14.8	11.7	17.5





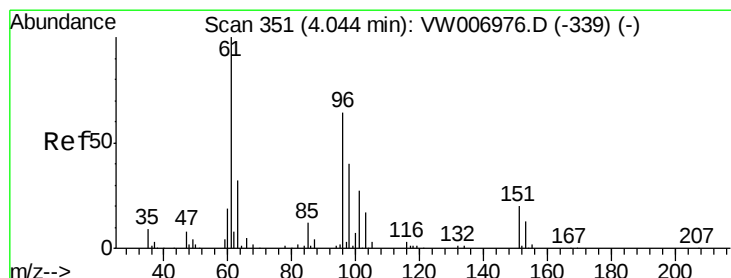
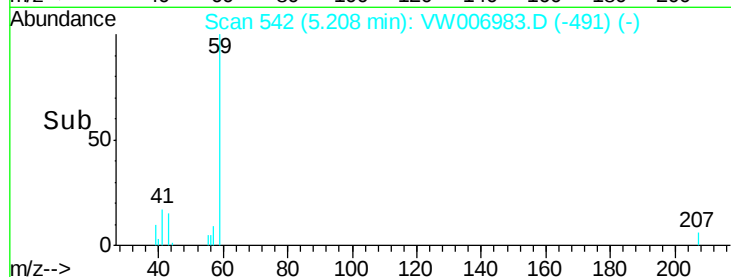
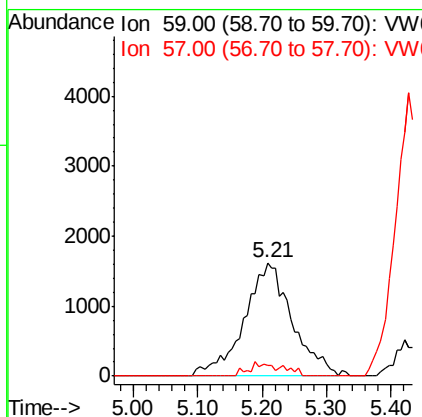
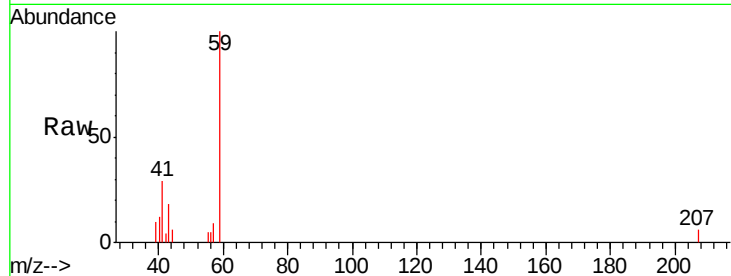
#11
Tert butyl alcohol
Concen: 113.04 ug/l
RT: 5.21 min Scan# 542
Delta R.T. 0.01 min
Lab File: VW006983.D
Acq: 20 Nov 2018 19:15

Instrument :
MSVOA_W
ClientSampleId :
VW1121SBSD01

Tgt Ion: 59 Resp: 8305
Ion Ratio Lower Upper
59 100
57 0.0 8.6 13.0#

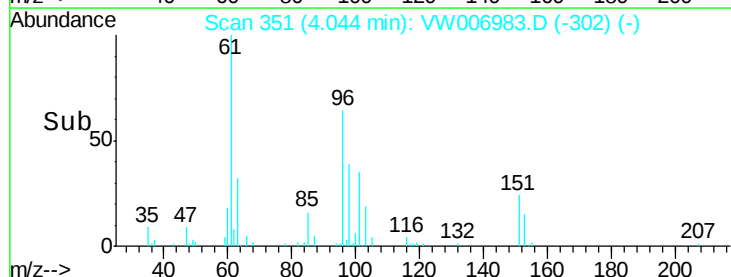
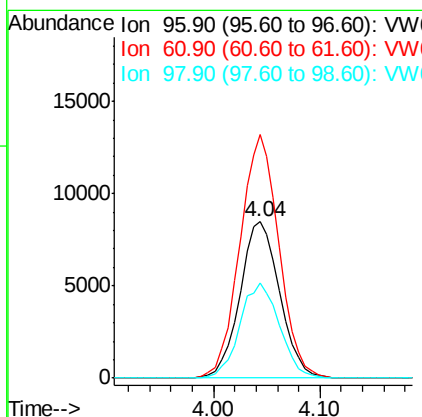
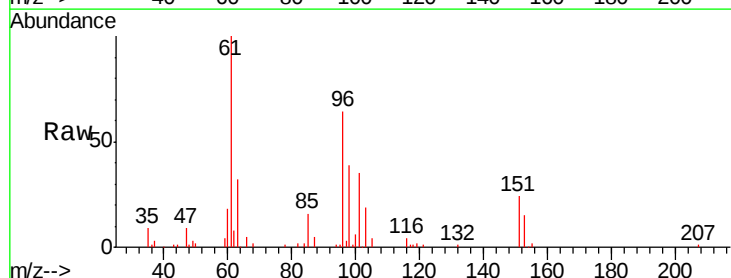
Manual Integrations
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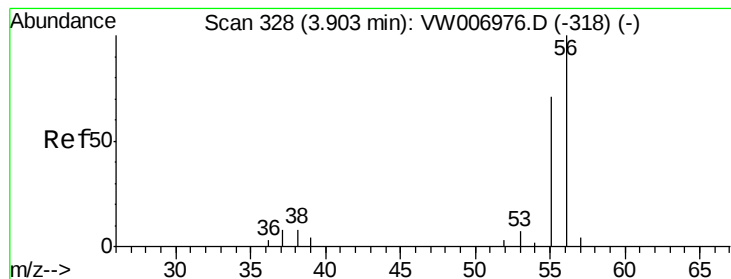
MMDadoda
11/21/2018 11:32:37 AM



#12
1,1-Dichloroethene
Concen: 21.29 ug/l
RT: 4.04 min Scan# 351
Delta R.T. 0.00 min
Lab File: VW006983.D
Acq: 20 Nov 2018 19:15

Tgt Ion: 96 Resp: 22210
Ion Ratio Lower Upper
96 100
61 155.9 124.3 186.5
98 60.8 49.4 74.2





#13

Acrolein

Concen: 109.62 ug/l

RT: 3.90 min Scan# 328

Delta R.T. 0.00 min

Lab File: VW006983.D

Acq: 20 Nov 2018 19:15

Instrument :

MSVOA_W

ClientSampleId :

VW1121SBS01

Tgt Ion: 56 Resp: 8271

Ion Ratio Lower Upper

56 100

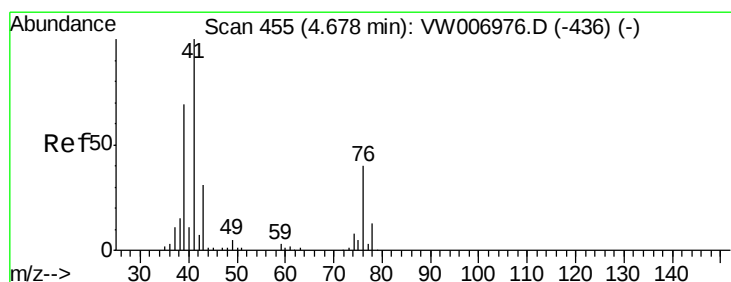
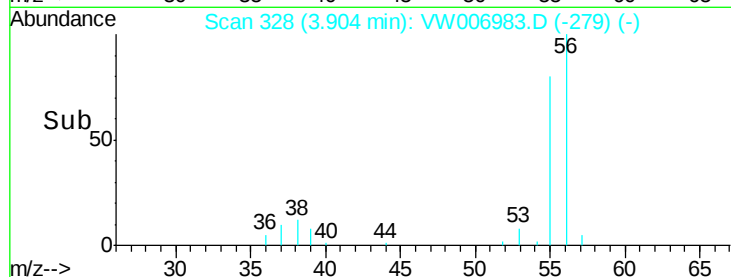
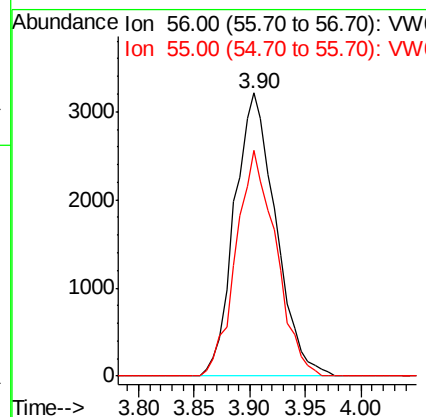
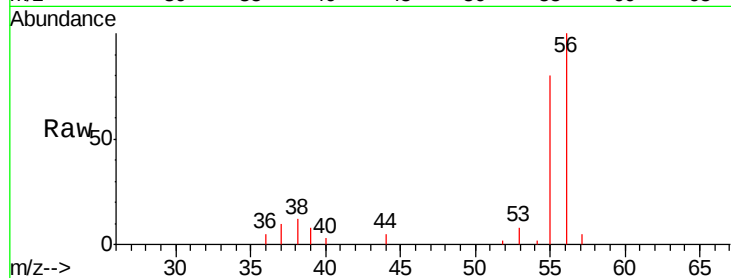
55 77.4 57.5 86.3

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#14

Allyl chloride

Concen: 20.25 ug/l

RT: 4.67 min Scan# 454

Delta R.T. -0.01 min

Lab File: VW006983.D

Acq: 20 Nov 2018 19:15

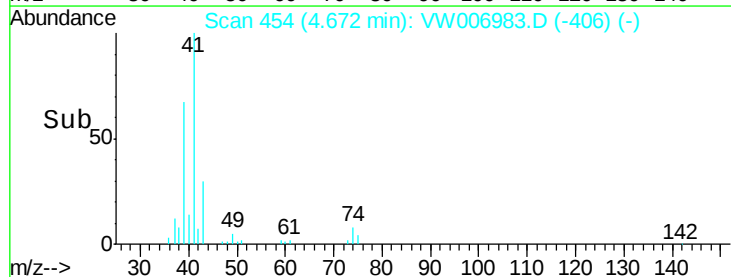
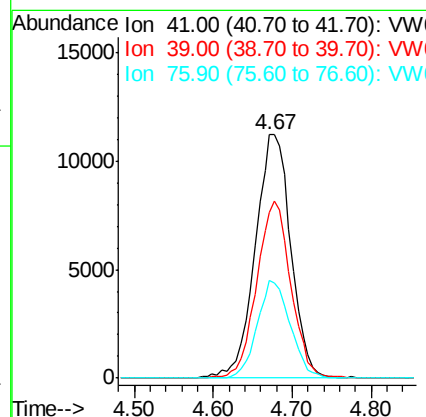
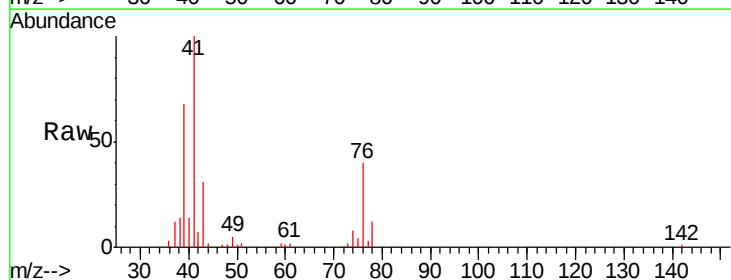
Tgt Ion: 41 Resp: 35046

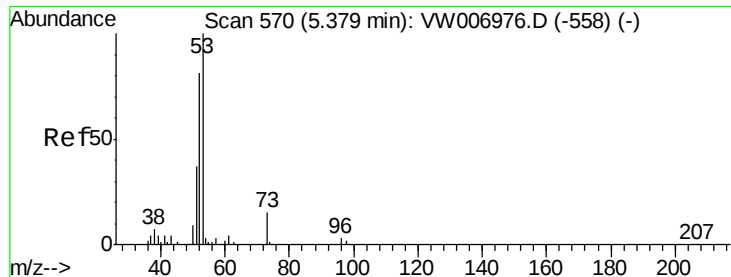
Ion Ratio Lower Upper

41 100

39 69.7 55.4 83.2

76 37.0 29.6 44.4





#15

Acrylonitrile

Concen: 109.30 ug/l

RT: 5.37 min Scan# 569

Delta R.T. -0.01 min

Lab File: VW006983.D

Acq: 20 Nov 2018 19:15

Instrument :

MSVOA_W

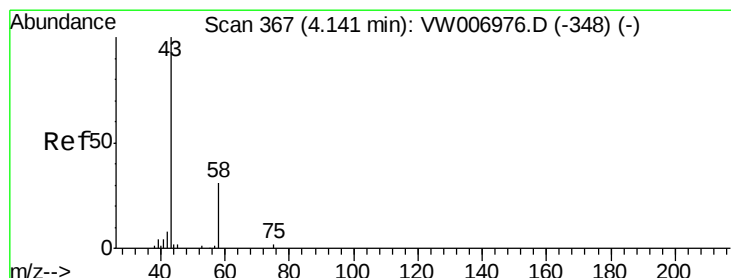
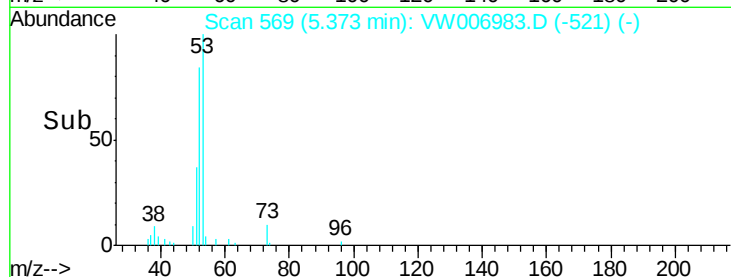
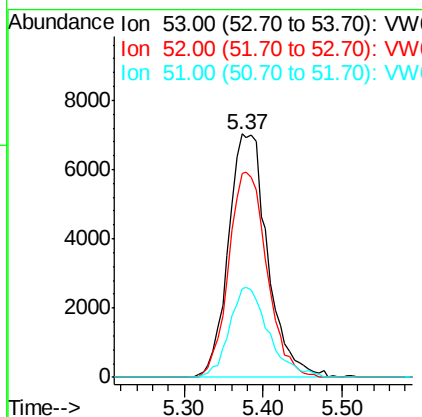
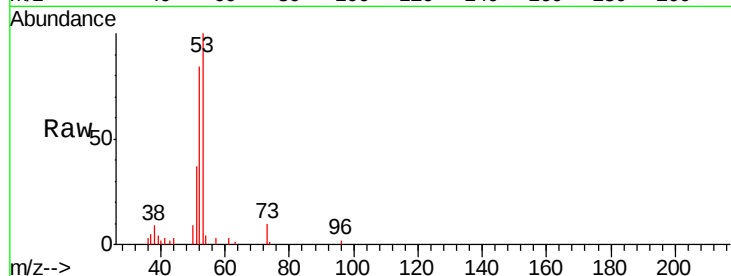
ClientSampleId :

VW1121SBSD01

Tgt Ion:	53	Resp:	24291
Ion	Ratio	Lower	Upper
53	100		
52	81.9	65.7	98.5
51	37.0	29.9	44.9

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#16

Acetone

Concen: 107.46 ug/l

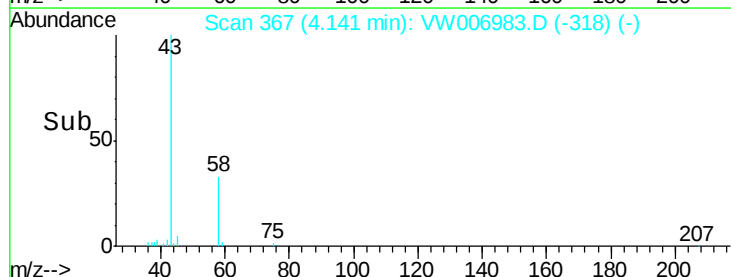
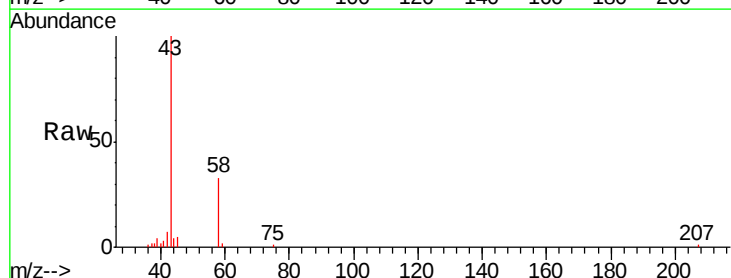
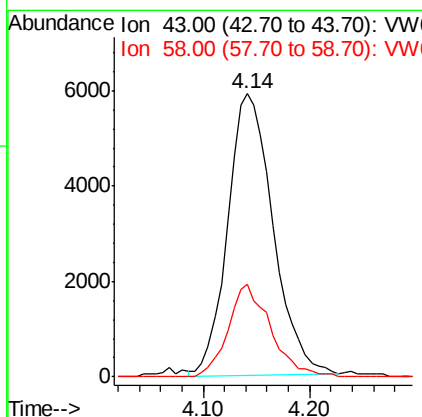
RT: 4.14 min Scan# 367

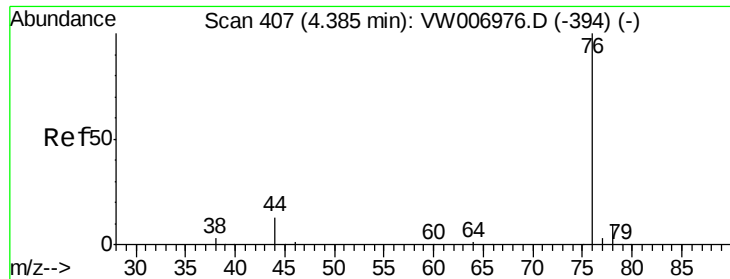
Delta R.T. 0.00 min

Lab File: VW006983.D

Acq: 20 Nov 2018 19:15

Tgt Ion:	43	Resp:	17608
Ion	Ratio	Lower	Upper
43	100		
58	33.1	24.8	37.2





#17

Carbon Disulfide

Concen: 19.50 ug/l

RT: 4.39 min Scan# 407

Delta R.T. 0.00 min

Lab File: VW006983.D

Acq: 20 Nov 2018 19:15

Instrument :

MSVOA_W

ClientSampleId :

VW1121SBSD01

Tgt Ion: 76 Resp: 65771

Ion Ratio Lower Upper

76 100

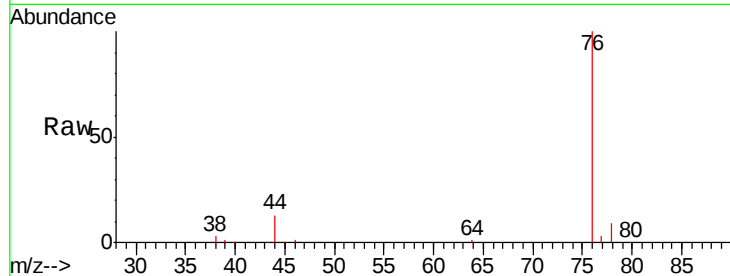
78 8.7 7.8 11.6

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Abundance Ion 75.90 (75.60 to 76.60): VW

Ion 77.90 (77.60 to 78.60): VW

4.39

25000

20000

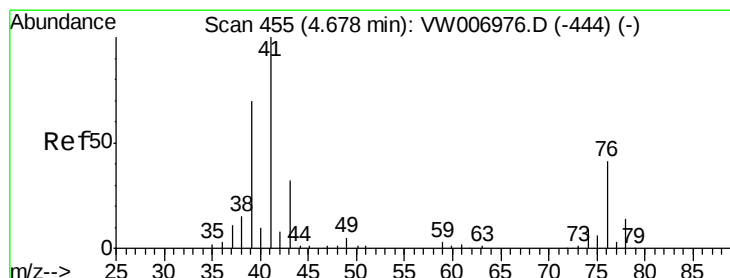
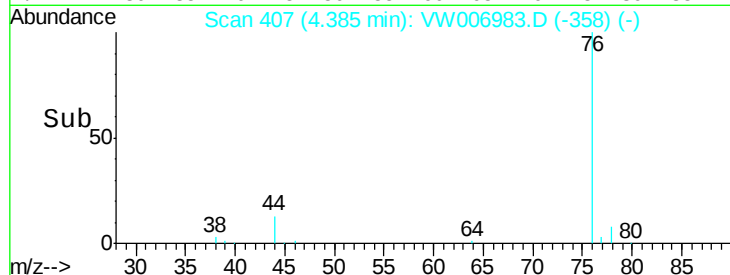
15000

10000

5000

0

Time-->



#18

Methyl Acetate

Concen: 21.31 ug/l

RT: 4.68 min Scan# 456

Delta R.T. 0.01 min

Lab File: VW006983.D

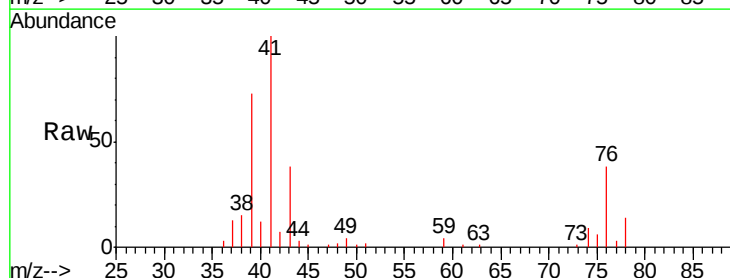
Acq: 20 Nov 2018 19:15

Tgt Ion: 43 Resp: 12433

Ion Ratio Lower Upper

43 100

74 24.0 20.1 30.1



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 74.00 (73.70 to 74.70): VW

4.68

4000

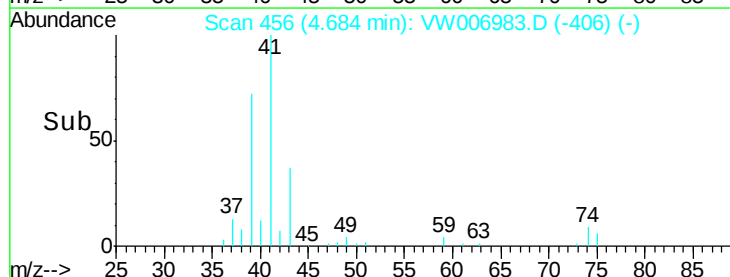
3000

2000

1000

0

Time-->





#19

Methyl tert-butyl Ether

Concen: 22.46 ug/l

RT: 5.43 min Scan# 578

Delta R.T. 0.00 min

Lab File: VW006983.D

Acq: 20 Nov 2018 19:15

Instrument :

MSVOA_W

ClientSampleId :

VW1121SBS01

Tgt Ion: 73 Resp: 61201

Ion Ratio Lower Upper

73 100

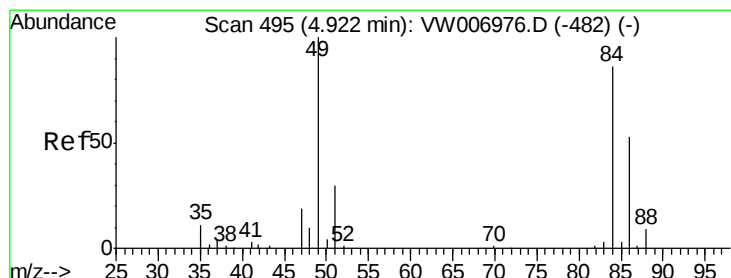
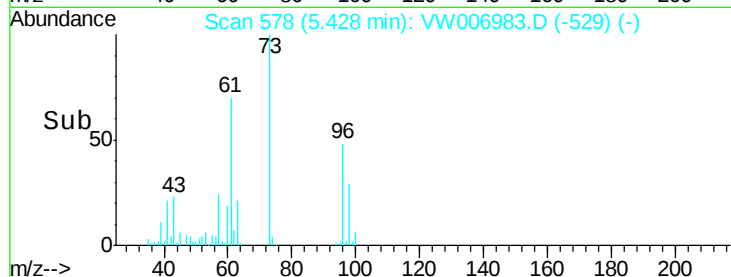
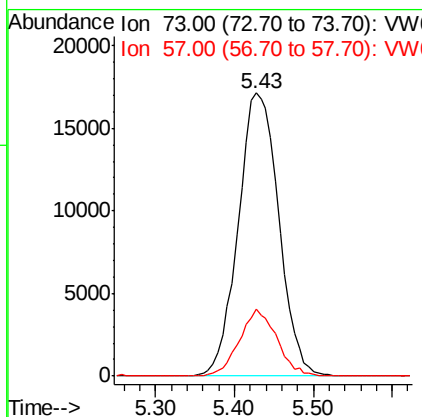
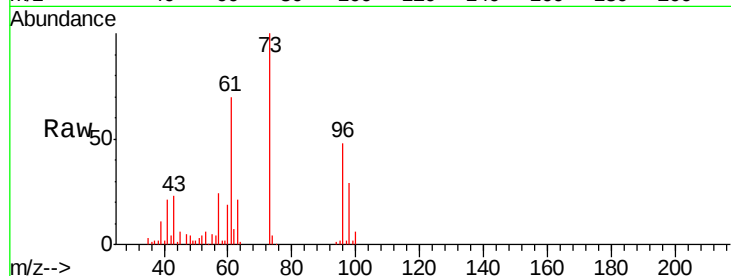
57 23.6 16.7 25.1

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#20

Methylene Chloride

Concen: 17.61 ug/l

RT: 4.92 min Scan# 495

Delta R.T. 0.00 min

Lab File: VW006983.D

Acq: 20 Nov 2018 19:15

Tgt Ion: 84 Resp: 27565

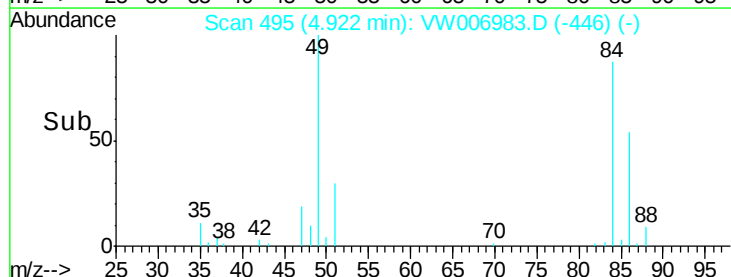
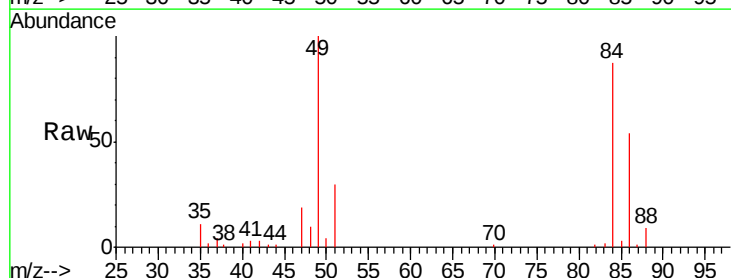
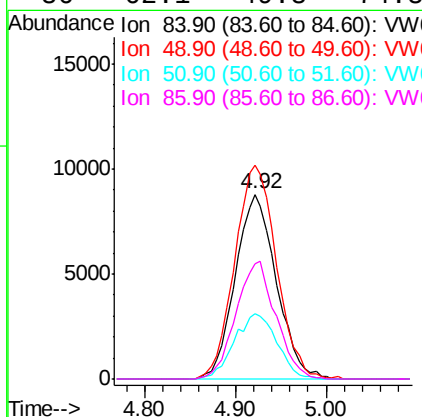
Ion Ratio Lower Upper

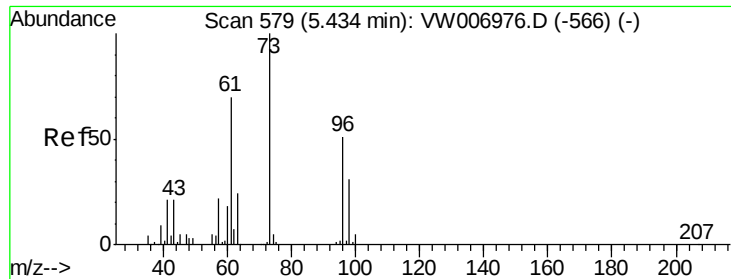
84 100

49 115.5 93.4 140.0

51 35.2 28.4 42.6

86 62.1 49.8 74.8





#21

trans-1,2-Dichloroethene

Concen: 20.71 ug/l

RT: 5.43 min Scan# 578

Delta R.T. -0.01 min

Lab File: VW006983.D

Acq: 20 Nov 2018 19:15

Instrument :

MSVOA_W

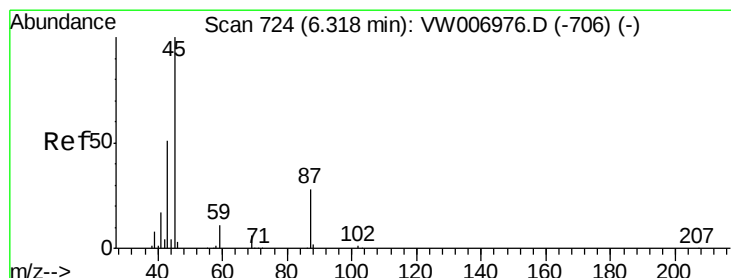
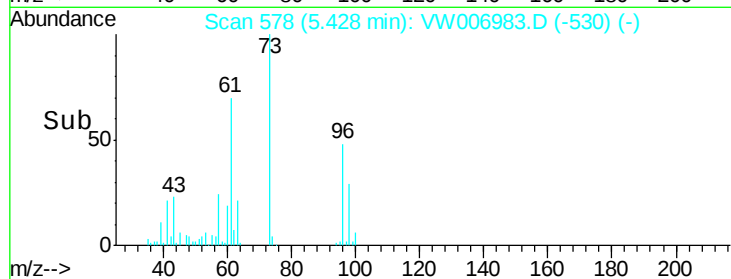
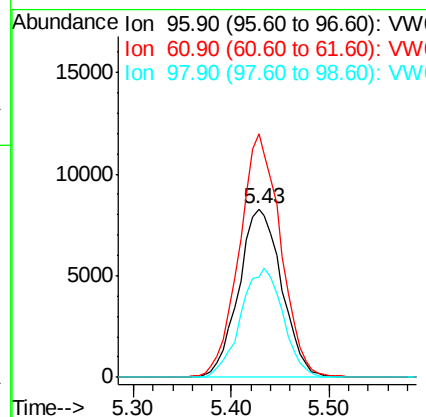
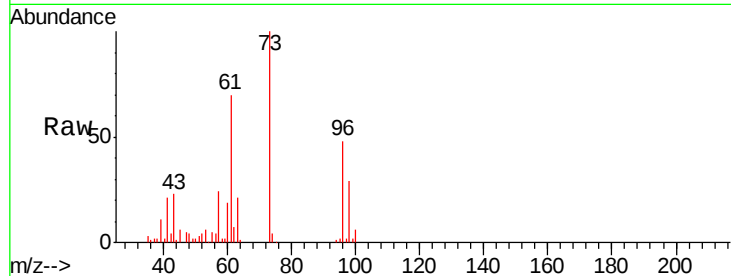
ClientSampleId :

VW1121SBS01

Tgt Ion:	96	Resp:	25168
Ion	Ratio	Lower	Upper
96	100		
61	143.8	109.4	164.0
98	59.3	48.3	72.5

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#22

Diisopropyl ether

Concen: 21.32 ug/l

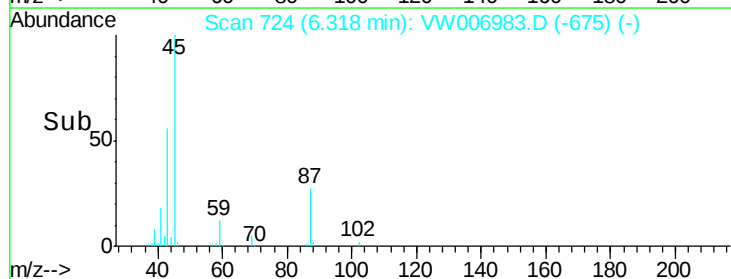
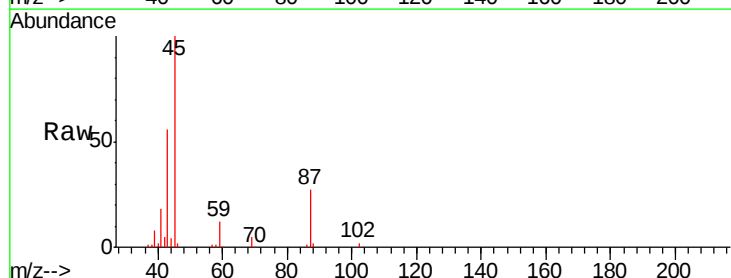
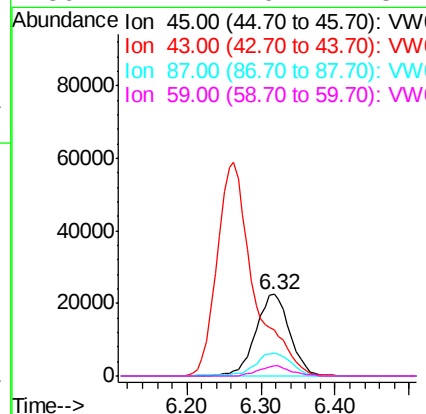
RT: 6.32 min Scan# 724

Delta R.T. 0.00 min

Lab File: VW006983.D

Acq: 20 Nov 2018 19:15

Tgt Ion:	45	Resp:	71821
Ion	Ratio	Lower	Upper
45	100		
43	55.7	42.5	63.7
87	27.5	22.8	34.2
59	12.2	9.1	13.7





#23

Vinyl Acetate

Concen: 112.21 ug/l

RT: 6.26 min Scan# 715

Delta R.T. 0.00 min

Lab File: VW006983.D

Acq: 20 Nov 2018 19:15

Instrument :

MSVOA_W

ClientSampleId :

VW1121SBSD01

Tgt Ion: 43 Resp: 200718

Ion Ratio Lower Upper

43 100

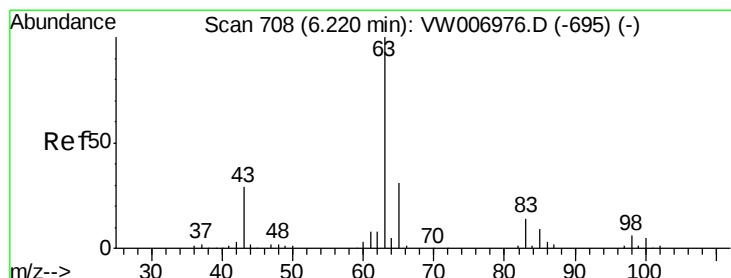
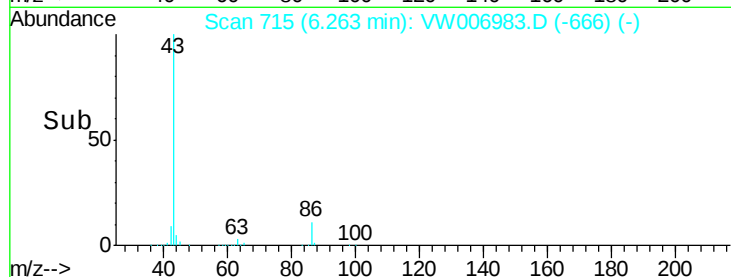
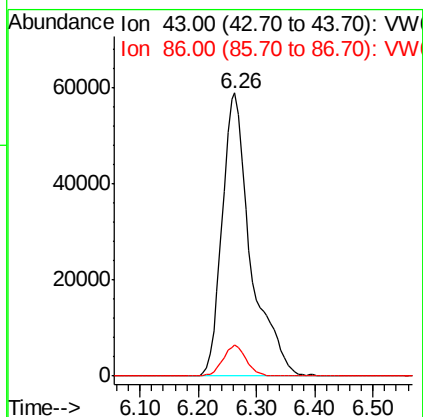
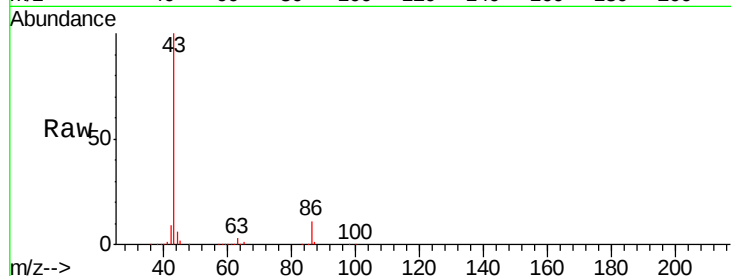
86 11.2 8.7 13.1

Manual Integrations

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#24

1,1-Dichloroethane

Concen: 20.23 ug/l

RT: 6.23 min Scan# 709

Delta R.T. 0.01 min

Lab File: VW006983.D

Acq: 20 Nov 2018 19:15

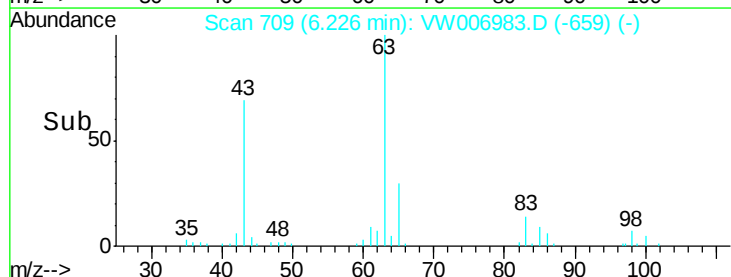
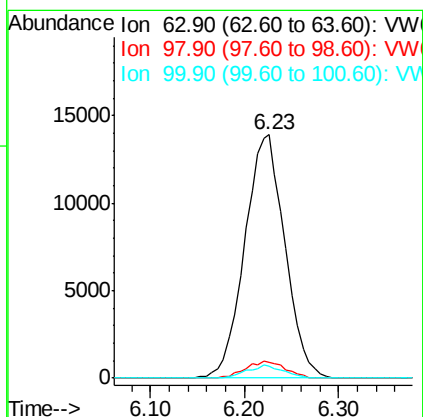
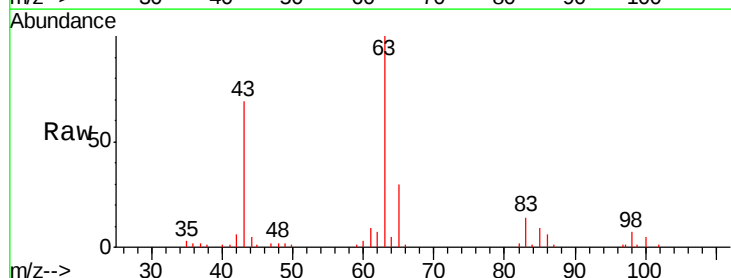
Tgt Ion: 63 Resp: 41446

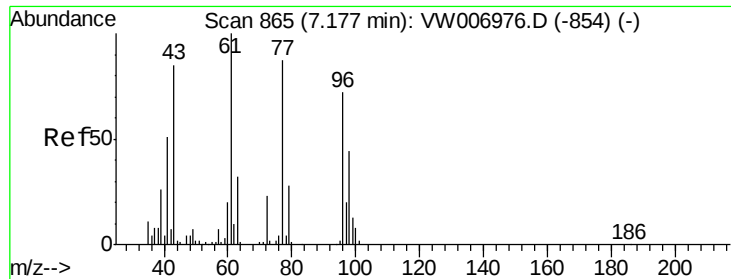
Ion Ratio Lower Upper

63 100

98 6.7 3.1 9.4

100 5.1 2.3 6.9





#25

2-Butanone

Concen: 111.43 ug/l

RT: 7.18 min Scan# 866

Delta R.T. 0.01 min

Lab File: VW006983.D

Acq: 20 Nov 2018 19:15

Instrument :

MSVOA_W

ClientSampleId :

VW1121SBS01

Tgt Ion: 43 Resp: 31272

Ion Ratio Lower Upper

43 100

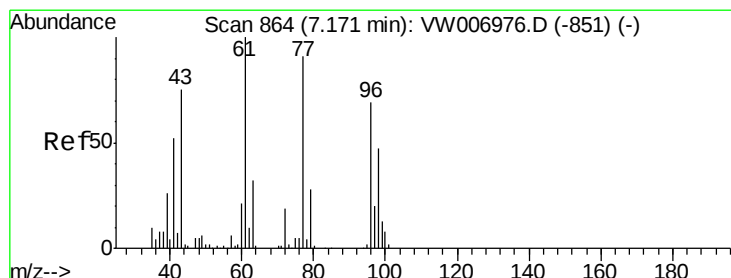
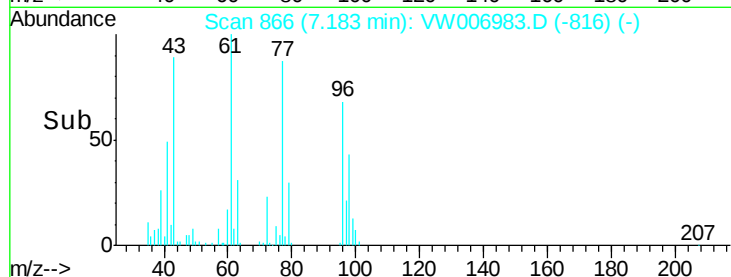
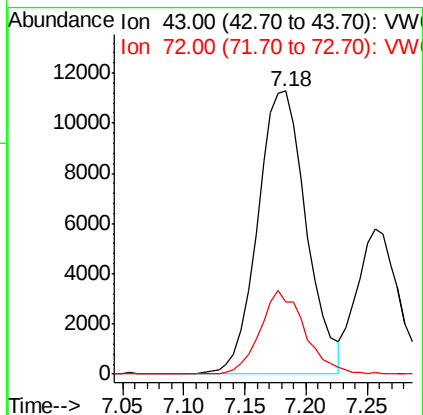
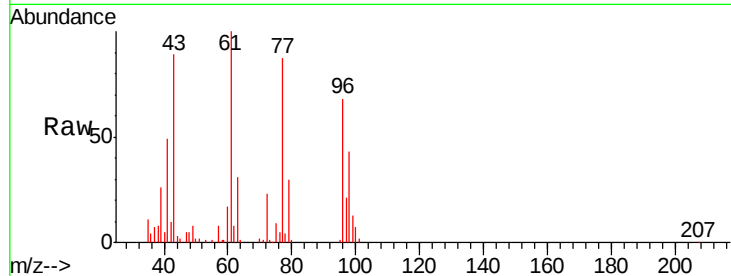
72 25.5 21.3 31.9

Manual Integrations

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#26

2,2-Dichloropropane

Concen: 21.14 ug/l

RT: 7.17 min Scan# 864

Delta R.T. 0.00 min

Lab File: VW006983.D

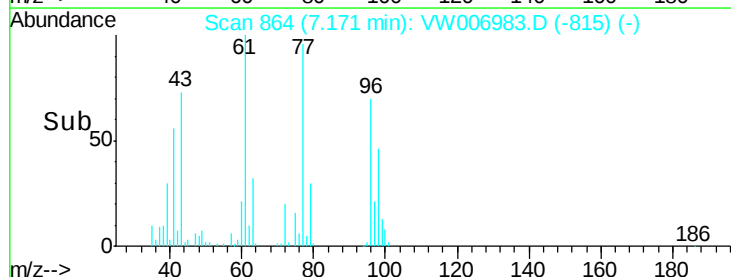
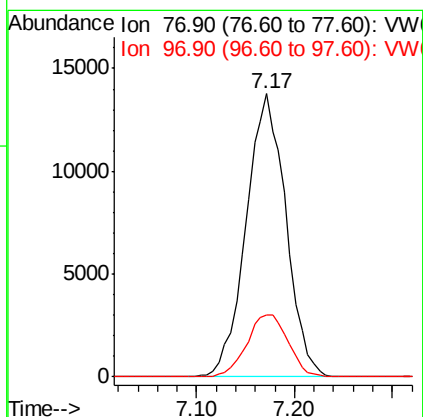
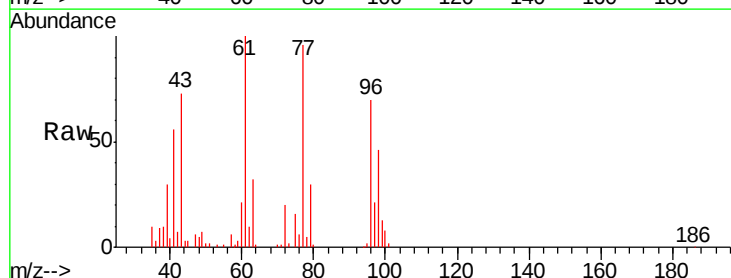
Acq: 20 Nov 2018 19:15

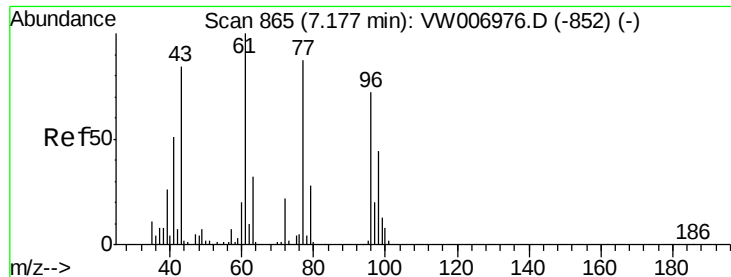
Tgt Ion: 77 Resp: 38958

Ion Ratio Lower Upper

77 100

97 22.9 11.4 34.1





#27

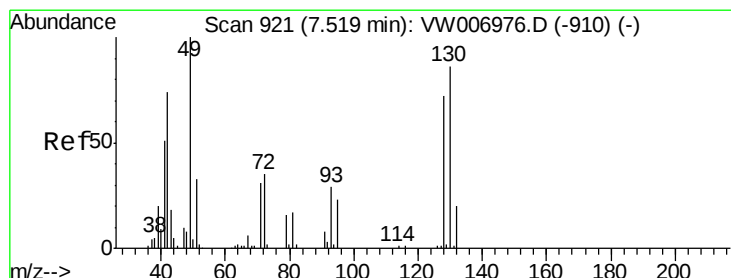
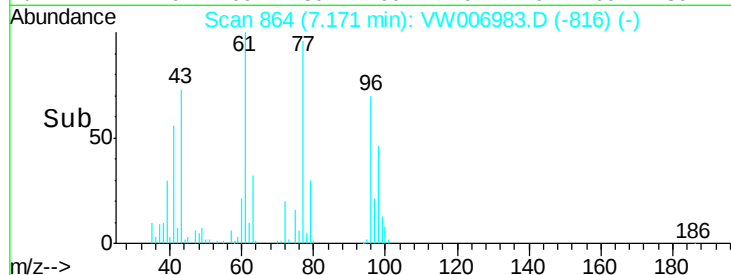
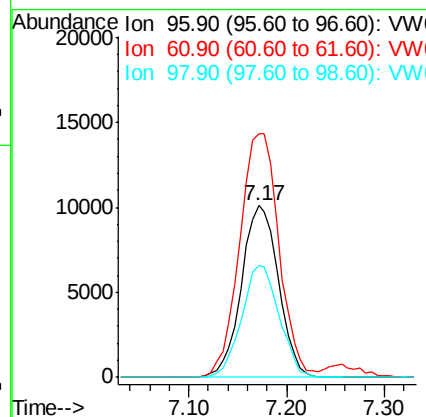
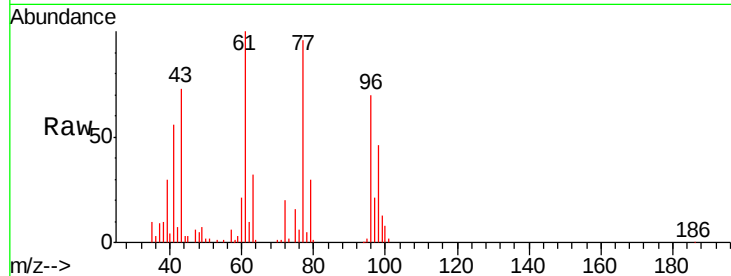
cis-1,2-Dichloroethene
Concen: 20.49 ug/l
RT: 7.17 min Scan# 864
Delta R.T. -0.01 min
Lab File: VW006983.D
Acq: 20 Nov 2018 19:15

Instrument :
MSVOA_W
ClientSampleId :
VW1121SBS01

Tgt Ion	Ratio	Resp	Lower	Upper
96	100	26525		
61	151.2	0.0	292.6	
98	65.8	0.0	129.8	

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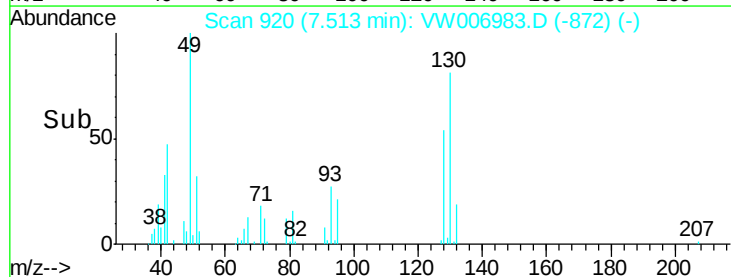
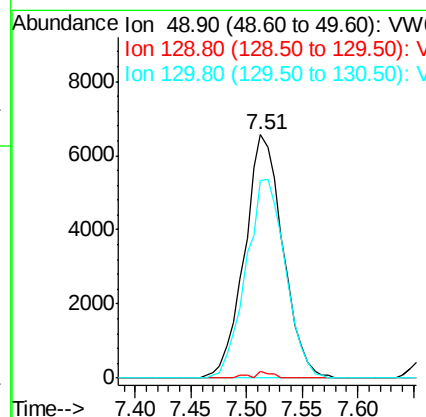
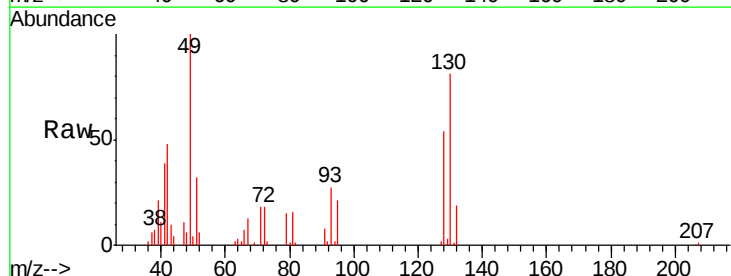
MMDadoda
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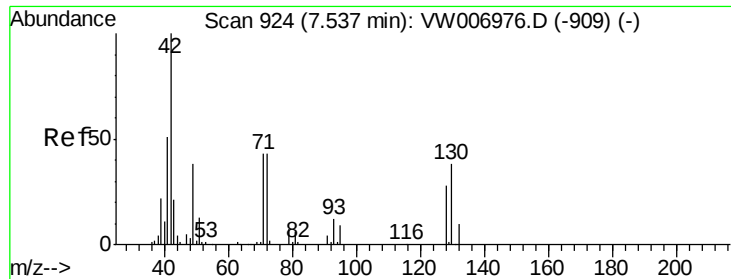


#28

Bromochloromethane
Concen: 20.49 ug/l
RT: 7.51 min Scan# 920
Delta R.T. -0.01 min
Lab File: VW006983.D
Acq: 20 Nov 2018 19:15

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	15695		
129	1.3	0.0	2.0	
130	84.0	69.0	103.4	





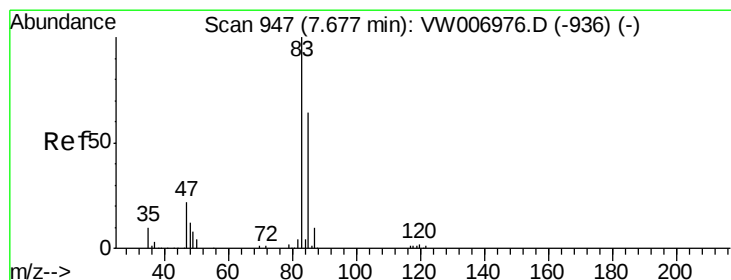
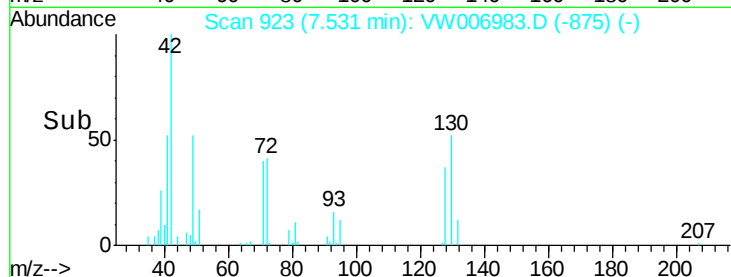
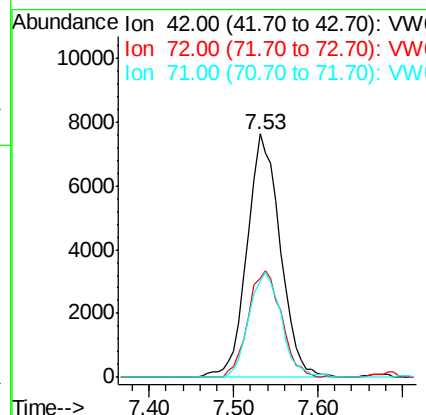
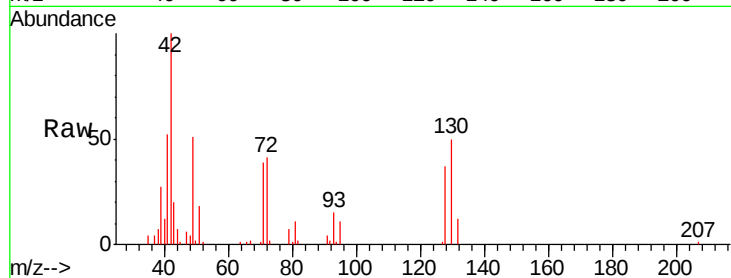
#29
Tetrahydrofuran
Concen: 111.64 ug/l
RT: 7.53 min Scan# 923
Delta R.T. -0.01 min
Lab File: VW006983.D
Acq: 20 Nov 2018 19:15

Instrument :
MSVOA_W
ClientSampleId :
VW1121SBS01

Tgt Ion	Ratio	Lower	Upper
42	100		
72	43.9	36.2	54.4
71	42.4	33.8	50.8

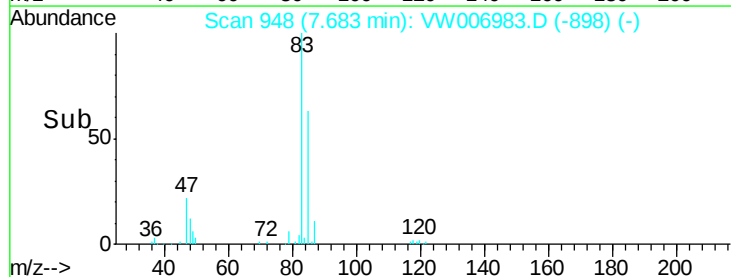
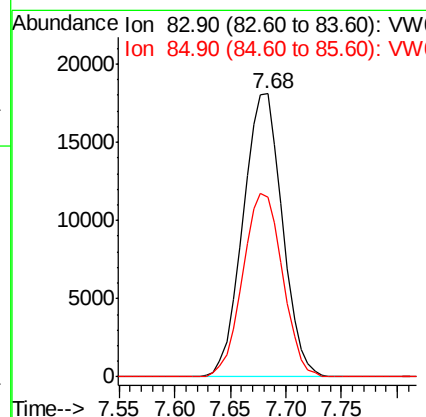
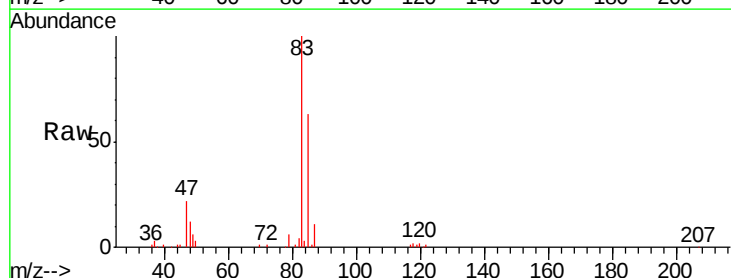
Manual Integrations
APPROVED

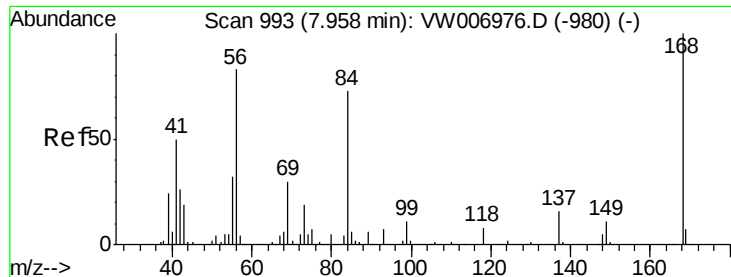
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#30
Chloroform
Concen: 20.45 ug/l
RT: 7.68 min Scan# 948
Delta R.T. 0.01 min
Lab File: VW006983.D
Acq: 20 Nov 2018 19:15

Tgt Ion	Ratio	Lower	Upper
83	100		
85	63.4	50.9	76.3





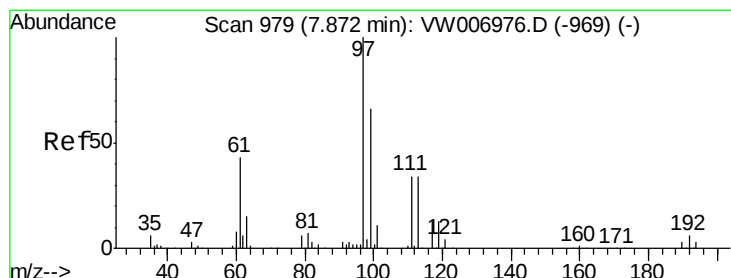
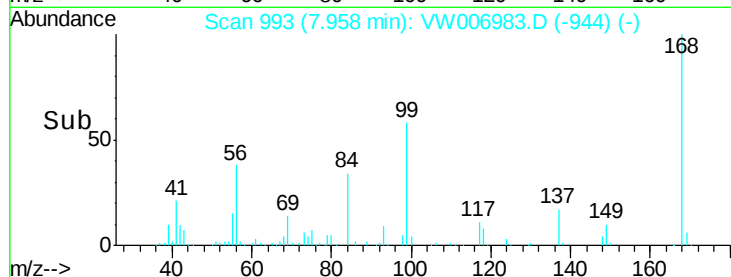
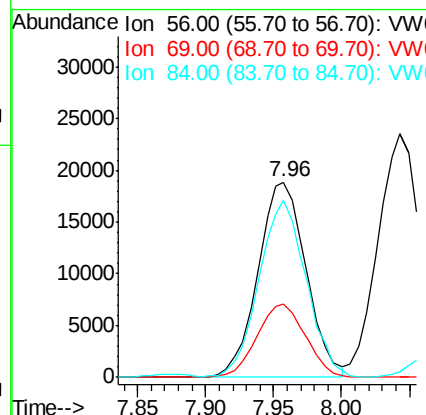
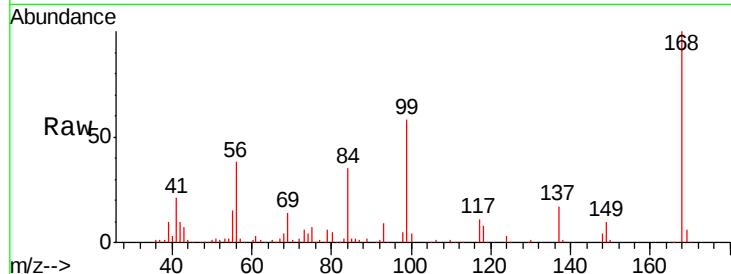
#31
Cyclohexane
Concen: 21.46 ug/l
RT: 7.96 min Scan# 993
Delta R.T. 0.00 min
Lab File: VW006983.D
Acq: 20 Nov 2018 19:15

Instrument :
MSVOA_W
ClientSampleId :
VW1121SBS01

Tgt Ion	Ratio	Lower	Upper
56	100		
69	37.7	29.1	43.7
84	89.8	70.6	105.8

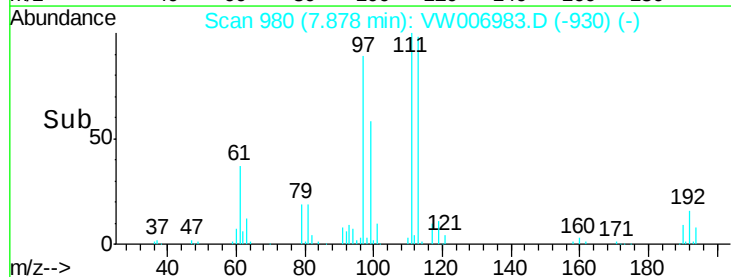
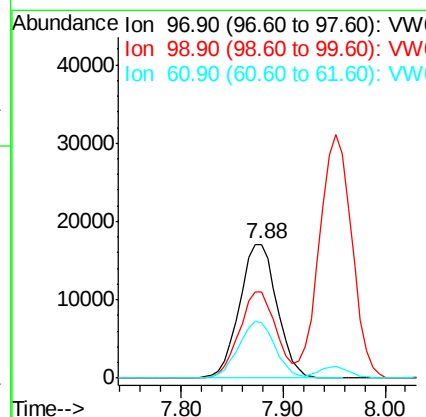
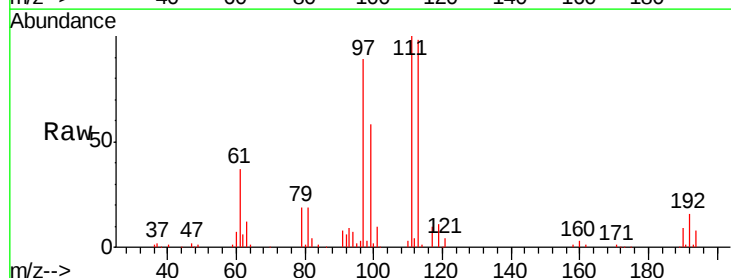
Manual Integrations
APPROVED

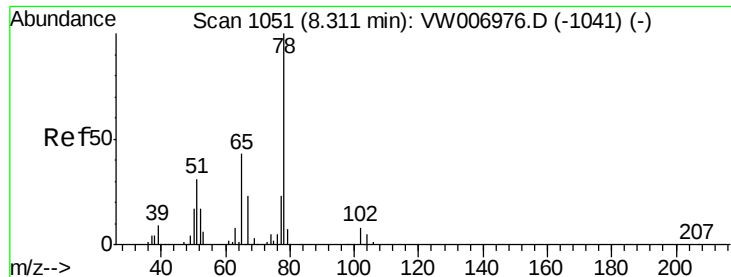
MMDadoda
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#32
1,1,1-Trichloroethane
Concen: 22.27 ug/l
RT: 7.88 min Scan# 980
Delta R.T. 0.01 min
Lab File: VW006983.D
Acq: 20 Nov 2018 19:15

Tgt Ion	Ratio	Lower	Upper
97	100		
99	63.1	51.9	77.9
61	41.4	33.4	50.2





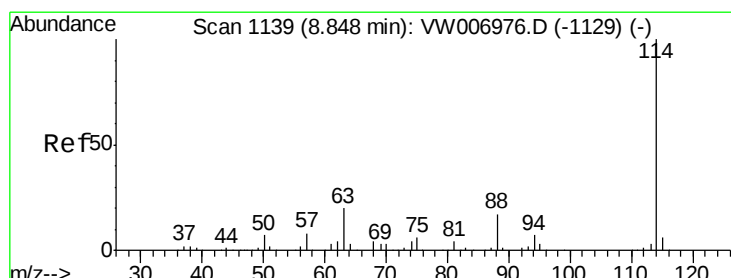
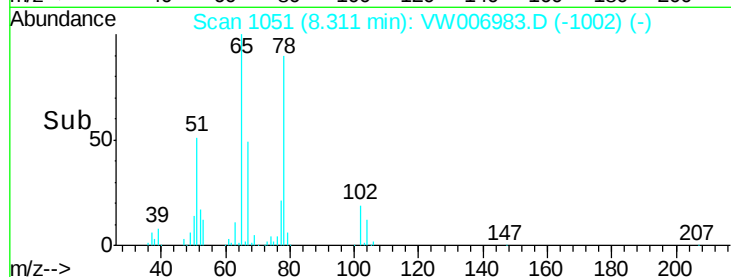
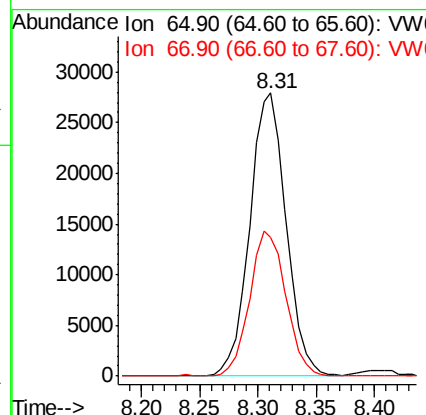
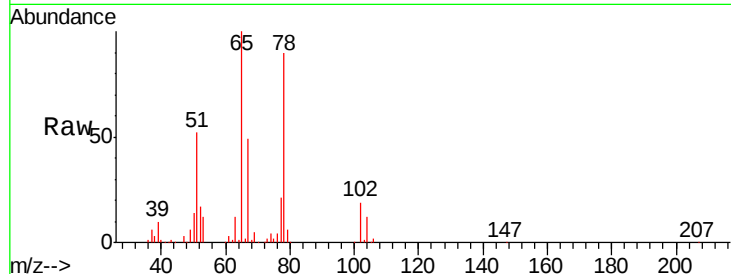
#33
 1,2-Dichloroethane-d4
 Concen: 53.84 ug/l
 RT: 8.31 min Scan# 1051
 Delta R.T. 0.00 min
 Lab File: VW006983.D
 Acq: 20 Nov 2018 19:15

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1121SBS01

Tgt Ion: 65 Resp: 60760
 Ion Ratio Lower Upper
 65 100
 67 51.1 0.0 106.2

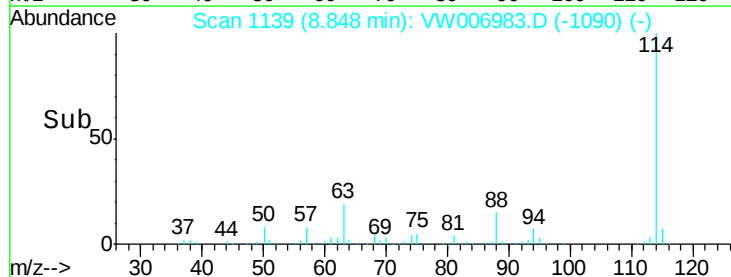
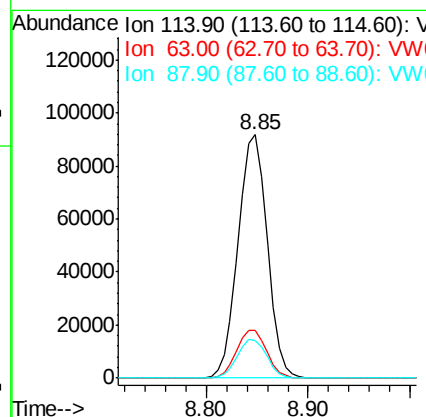
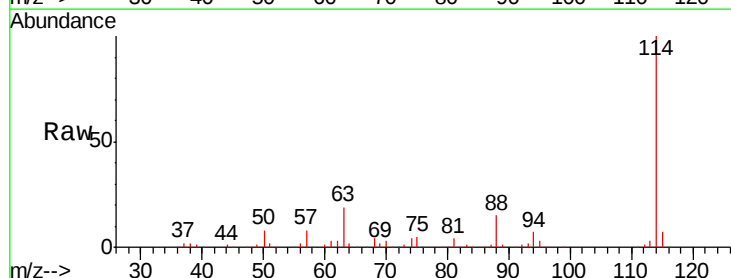
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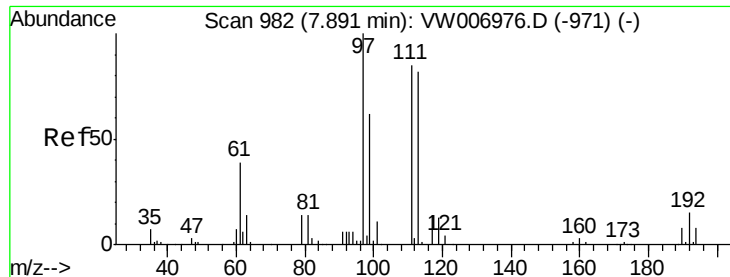
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#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.85 min Scan# 1139
 Delta R.T. 0.00 min
 Lab File: VW006983.D
 Acq: 20 Nov 2018 19:15

Tgt Ion: 114 Resp: 182040
 Ion Ratio Lower Upper
 114 100
 63 19.5 0.0 39.4
 88 15.4 0.0 34.2





#35

Dibromofluoromethane

Concen: 51.85 ug/l

RT: 7.88 min Scan# 981

Delta R.T. -0.01 min

Lab File: VW006983.D

Acq: 20 Nov 2018 19:15

Instrument :

MSVOA_W

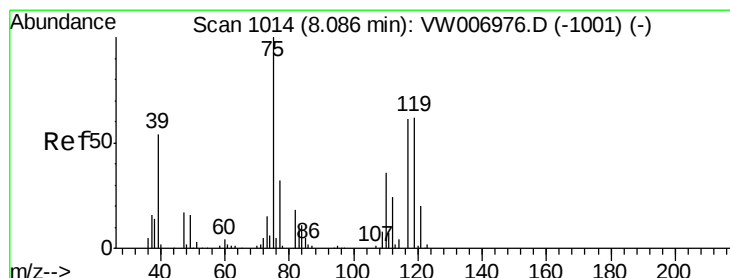
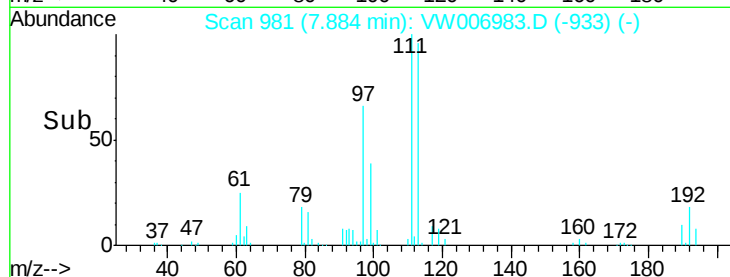
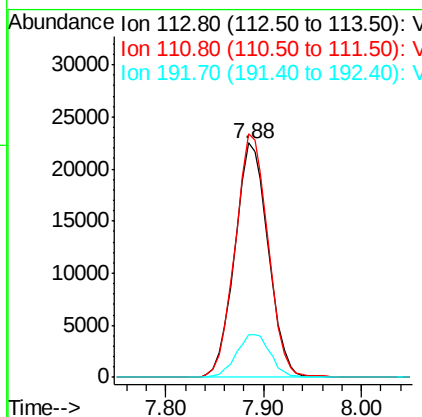
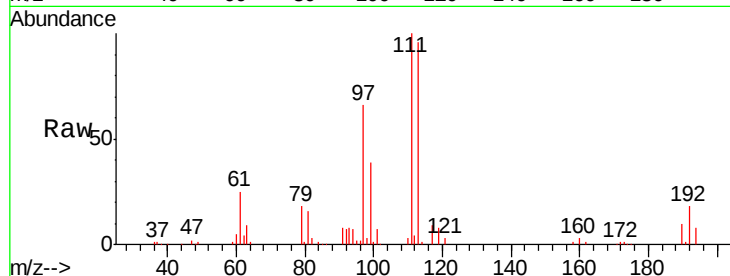
ClientSampleId :

VW1121SBSD01

Tgt Ion:	113	Resp:	53304
Ion Ratio	Lower	Upper	
113	100		
111	101.8	81.0	121.6
192	18.4	15.0	22.6

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#36

1,1-Dichloropropene

Concen: 21.34 ug/l

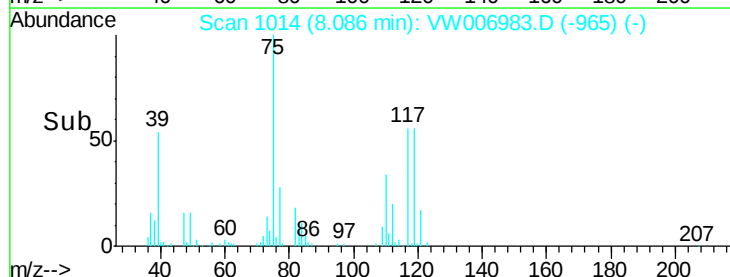
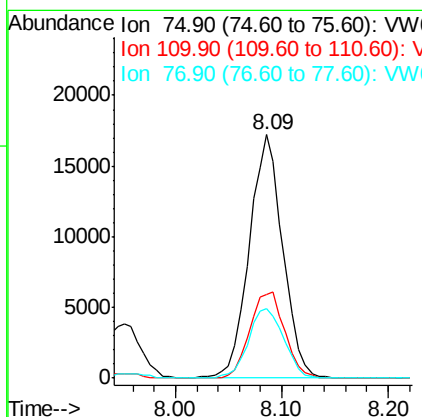
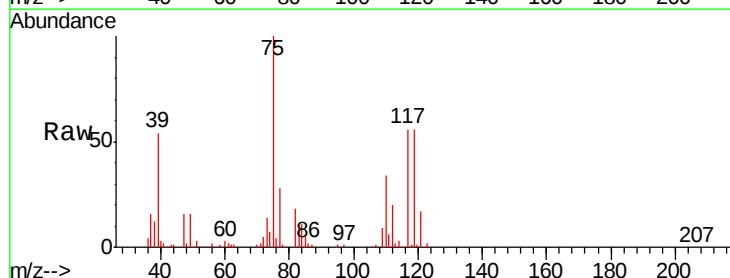
RT: 8.09 min Scan# 1014

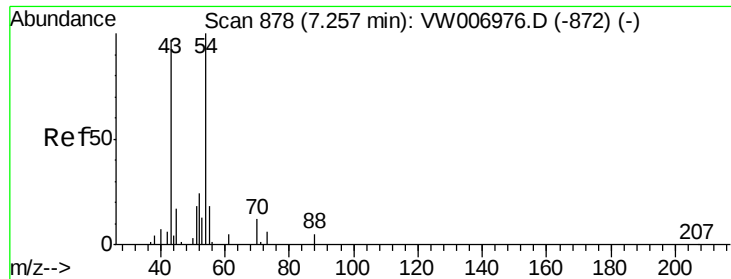
Delta R.T. 0.00 min

Lab File: VW006983.D

Acq: 20 Nov 2018 19:15

Tgt Ion:	75	Resp:	37956
Ion Ratio	Lower	Upper	
75	100		
110	36.6	18.0	54.0
77	30.2	24.9	37.3





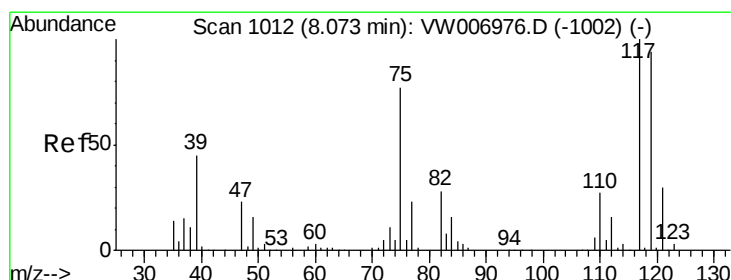
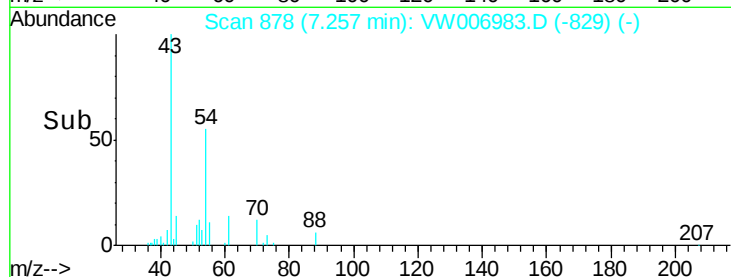
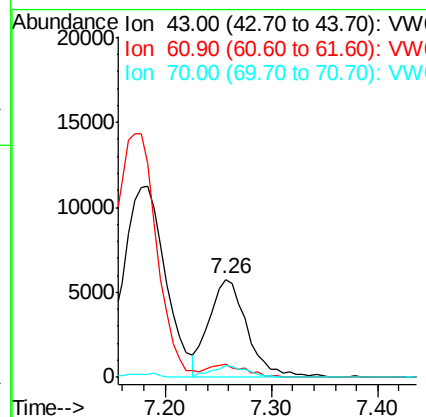
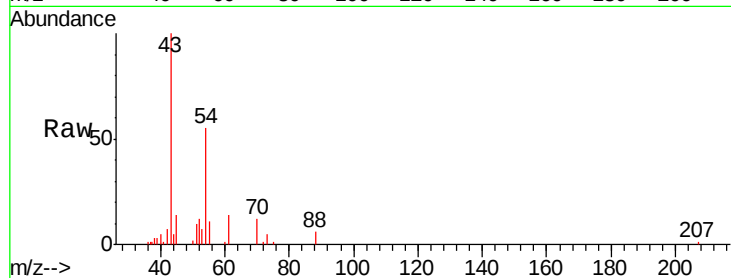
#37
Ethyl Acetate
Concen: 22.27 ug/l
RT: 7.26 min Scan# 878
Delta R.T. 0.00 min
Lab File: VW006983.D
Acq: 20 Nov 2018 19:15

Instrument :
MSVOA_W
ClientSampleId :
VW1121SBS01

Tgt Ion	Ratio	Lower	Upper
43	100		
61	12.7	10.4	15.6
70	11.0	8.8	13.2

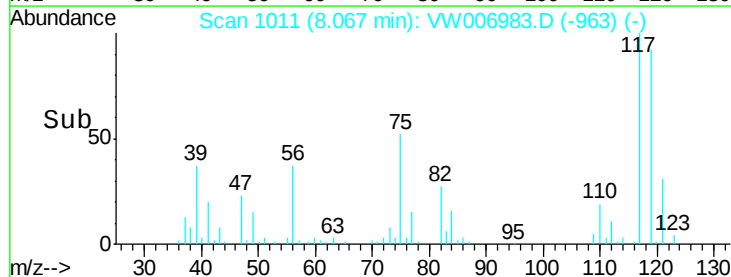
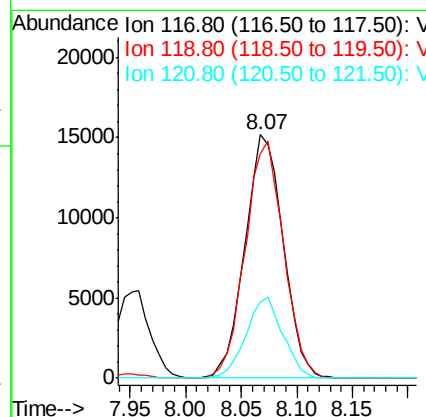
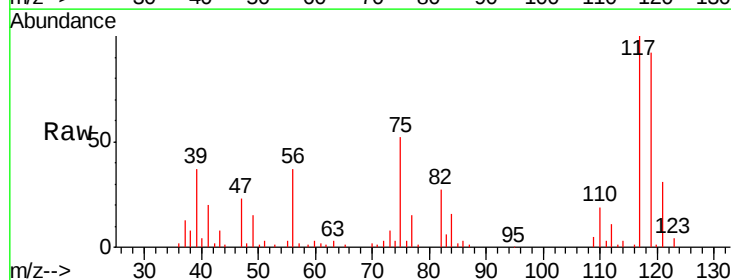
Manual Integrations
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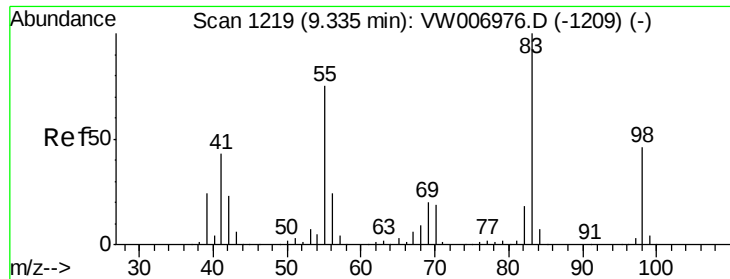
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#38
Carbon Tetrachloride
Concen: 21.36 ug/l
RT: 8.07 min Scan# 1011
Delta R.T. -0.01 min
Lab File: VW006983.D
Acq: 20 Nov 2018 19:15

Tgt Ion	Ratio	Lower	Upper
117	100		
119	92.2	74.9	112.3
121	31.4	23.6	35.4





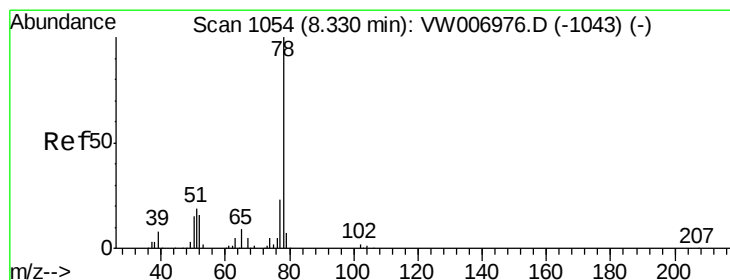
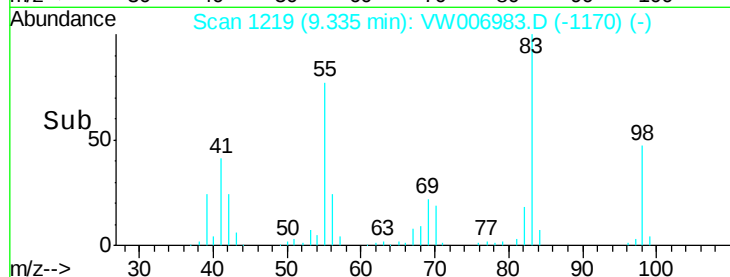
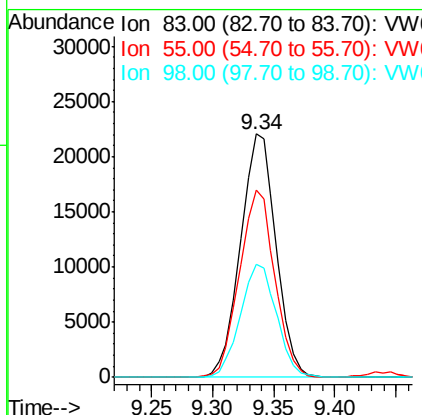
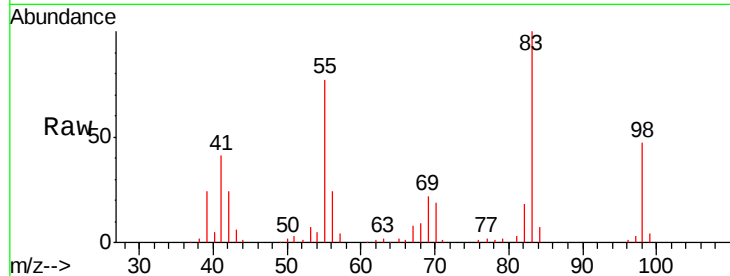
#39
Methylcyclohexane
Concen: 19.95 ug/l
RT: 9.34 min Scan# 1219
Delta R.T. 0.00 min
Lab File: VW006983.D
Acq: 20 Nov 2018 19:15

Instrument :
MSVOA_W
ClientSampleId :
VW1121SBS01

Tgt Ion	Ratio	Lower	Upper
83	100		
55	76.8	59.6	89.4
98	46.6	37.1	55.7

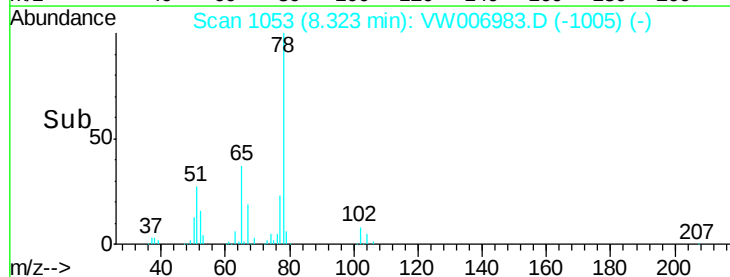
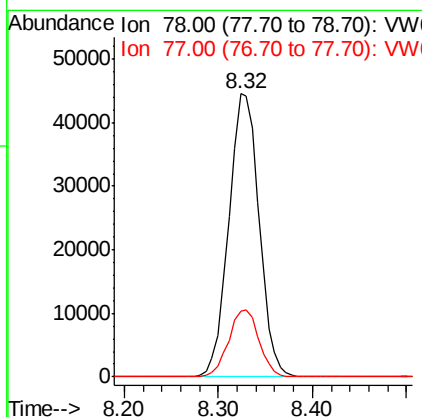
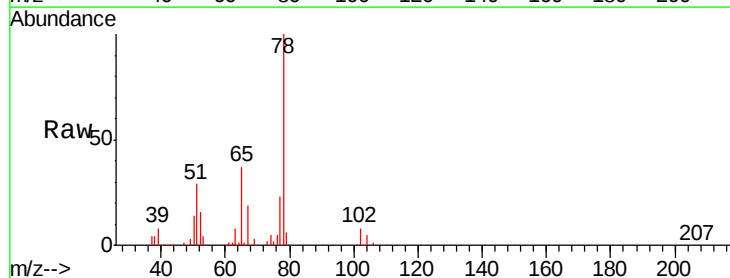
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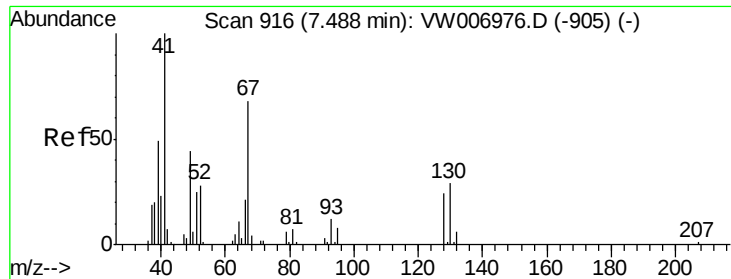
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#40
Benzene
Concen: 20.75 ug/l
RT: 8.32 min Scan# 1053
Delta R.T. -0.01 min
Lab File: VW006983.D
Acq: 20 Nov 2018 19:15

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.3	18.6	28.0





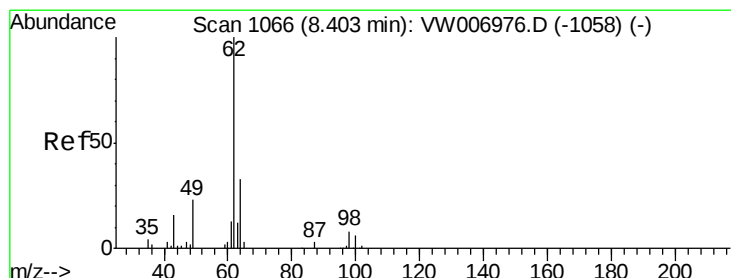
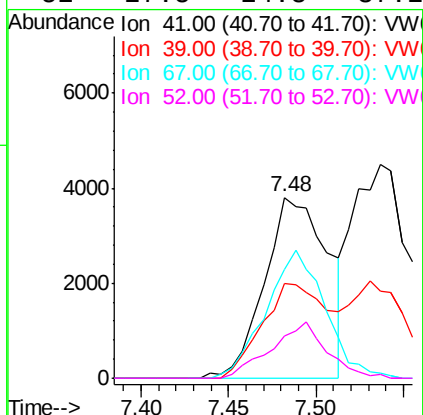
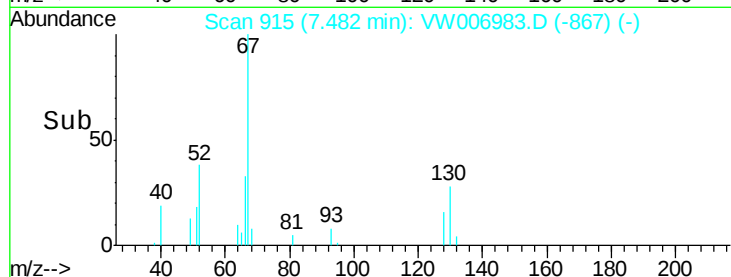
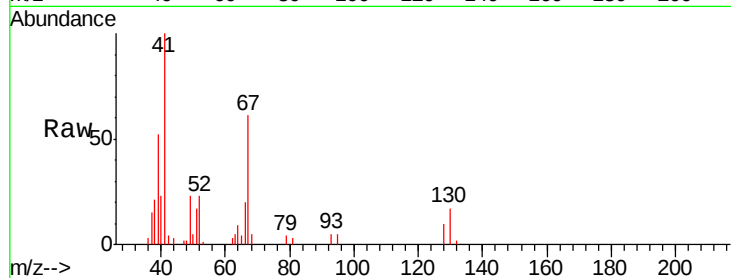
#41
Methacrylonitrile
Concen: 23.89 ug/l
RT: 7.48 min Scan# 915
Delta R.T. -0.01 min
Lab File: VW006983.D
Acq: 20 Nov 2018 19:15

Instrument :
MSVOA_W
ClientSampleId :
VW1121SBSD01

Tgt Ion	Ratio	Lower	Upper
41	100		
39	54.8	48.6	73.0
67	66.6	59.8	89.8
52	27.5	24.8	37.2

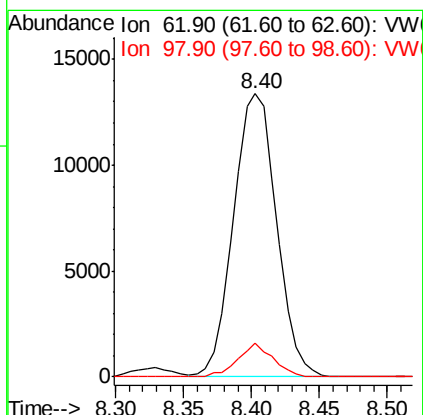
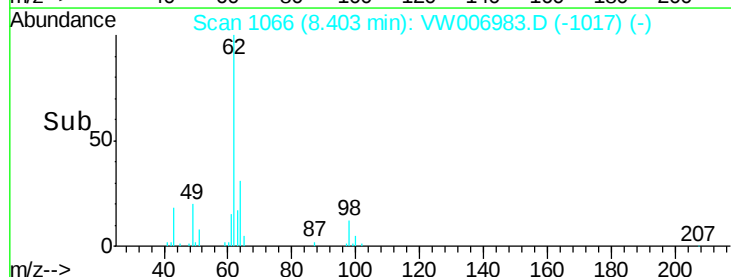
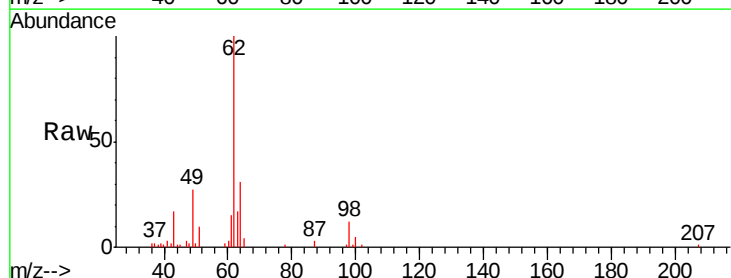
Manual Integrations
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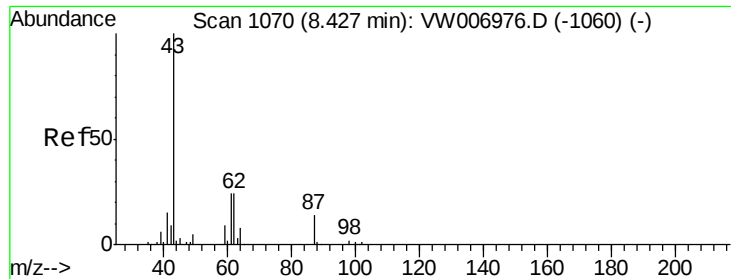
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#42
1,2-Dichloroethane
Concen: 21.24 ug/l
RT: 8.40 min Scan# 1066
Delta R.T. 0.00 min
Lab File: VW006983.D
Acq: 20 Nov 2018 19:15

Tgt Ion	Ratio	Lower	Upper
62	100		
98	9.6	0.0	18.6





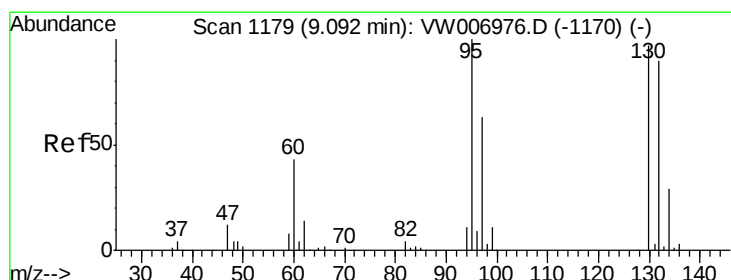
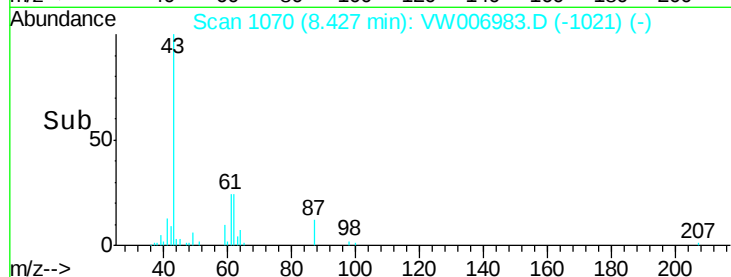
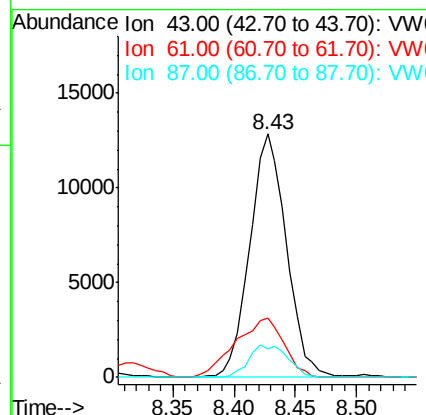
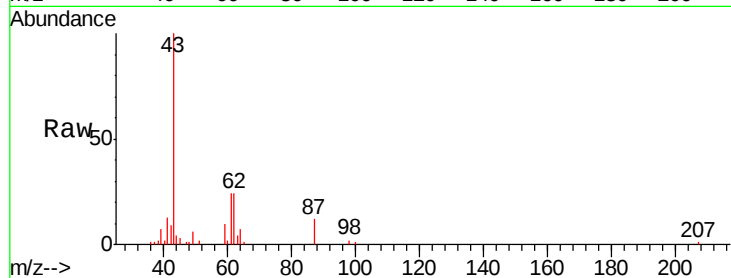
#43
Isopropyl Acetate
Concen: 21.84 ug/l
RT: 8.43 min Scan# 1070
Delta R.T. 0.00 min
Lab File: VW006983.D
Acq: 20 Nov 2018 19:15

Instrument :
MSVOA_W
ClientSampleId :
VW1121SBS01

Tgt Ion	Ratio	Lower	Upper
43	100		
61	32.1	26.1	39.1
87	14.0	11.2	16.8

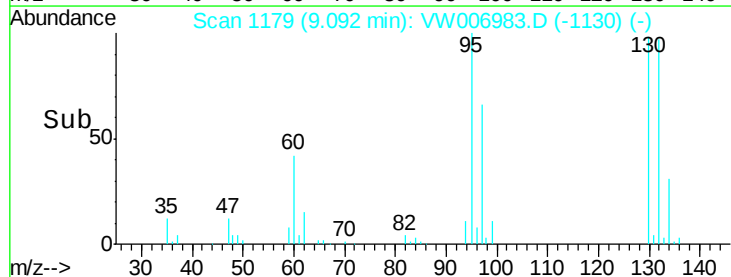
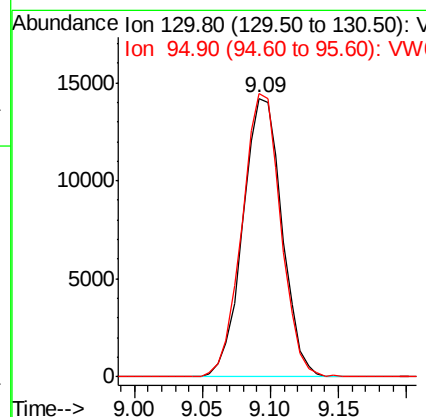
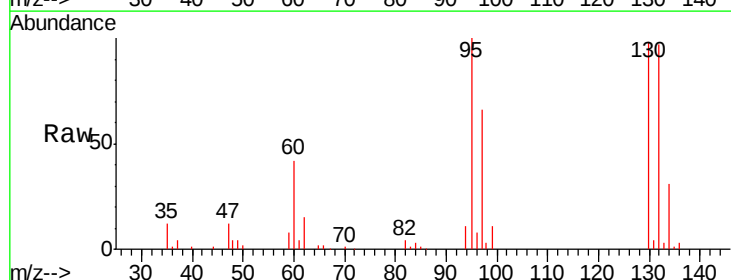
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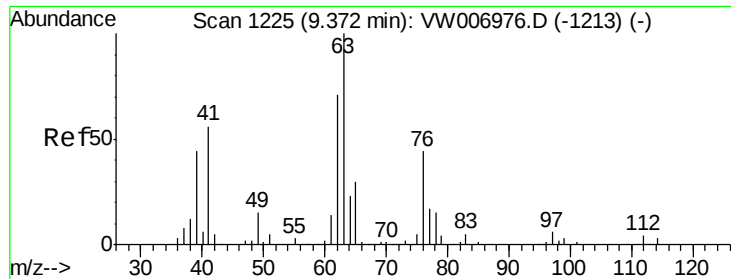
MMDadoda
11/21/2018 11:32:37 AM



#44
Trichloroethene
Concen: 21.27 ug/l
RT: 9.09 min Scan# 1179
Delta R.T. 0.00 min
Lab File: VW006983.D
Acq: 20 Nov 2018 19:15

Tgt Ion	Ratio	Lower	Upper
130	100		
95	101.6	0.0	206.4





#45

1,2-Dichloropropane

Concen: 21.50 ug/l

RT: 9.37 min Scan# 1225

Delta R.T. 0.00 min

Lab File: VW006983.D

Acq: 20 Nov 2018 19:15

Instrument :

MSVOA_W

ClientSampleId :

VW1121SBS01

Tgt Ion: 63 Resp: 25446

Ion Ratio Lower Upper

63 100

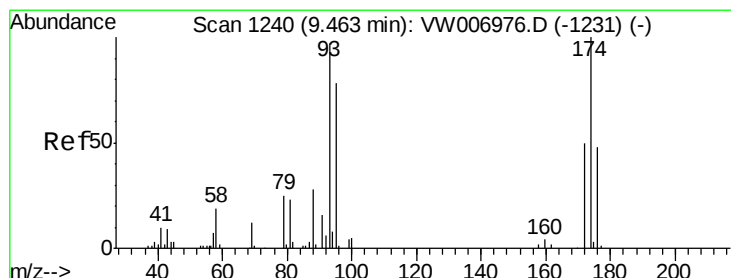
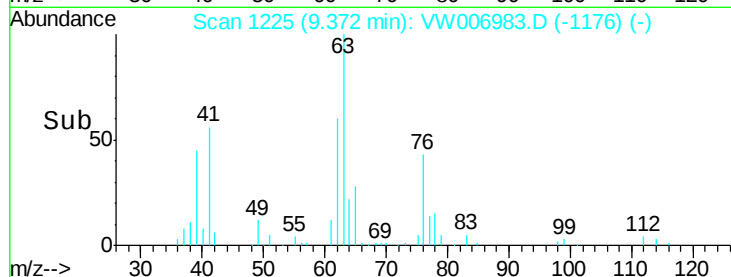
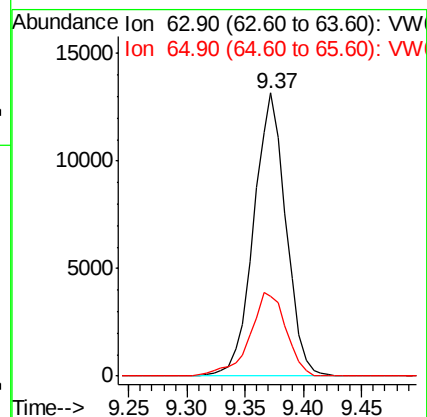
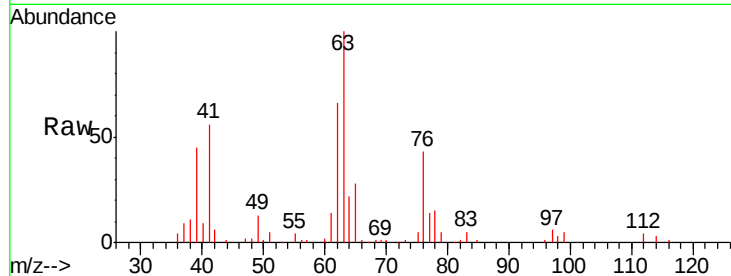
65 28.3 24.4 36.6

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#46

Dibromomethane

Concen: 20.90 ug/l

RT: 9.46 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VW006983.D

Acq: 20 Nov 2018 19:15

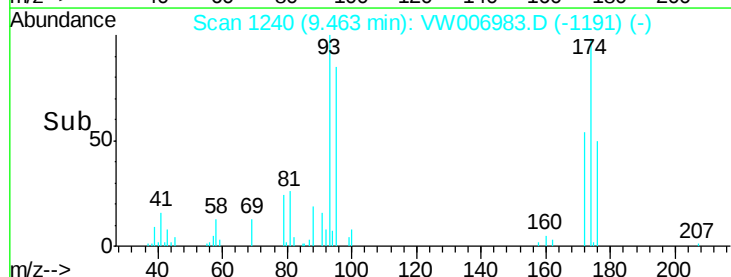
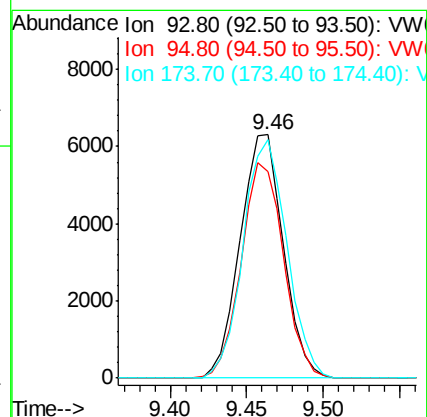
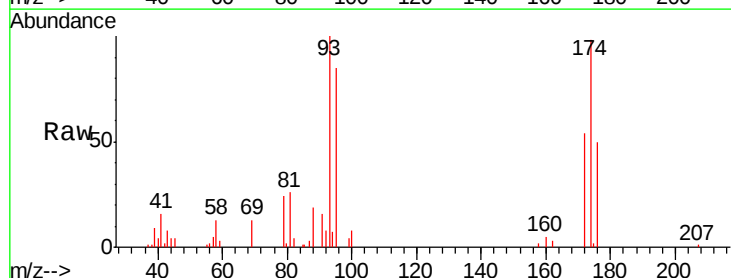
Tgt Ion: 93 Resp: 12387

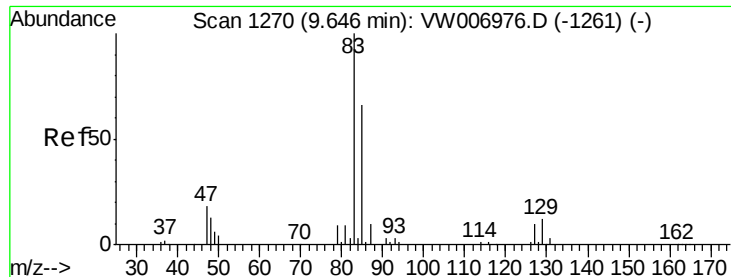
Ion Ratio Lower Upper

93 100

95 86.7 66.1 99.1

174 98.8 79.7 119.5





#47

Bromodichloromethane

Concen: 22.00 ug/l

RT: 9.65 min Scan# 1270

Delta R.T. 0.00 min

Lab File: VW006983.D

Acq: 20 Nov 2018 19:15

Instrument :

MSVOA_W

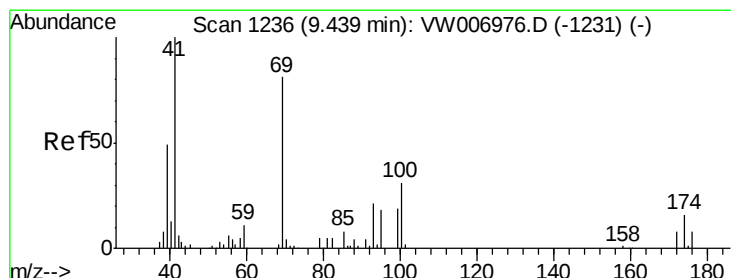
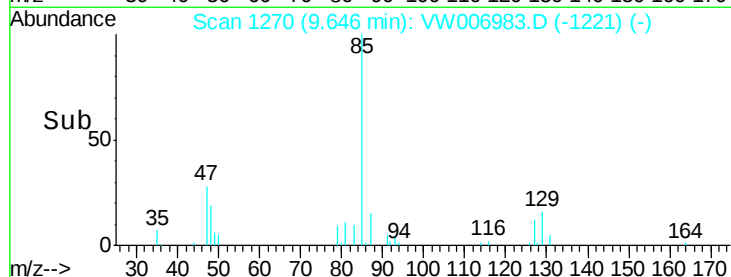
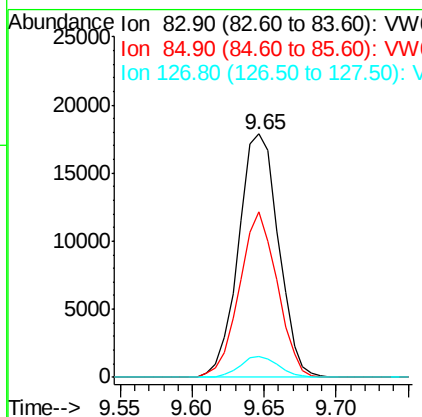
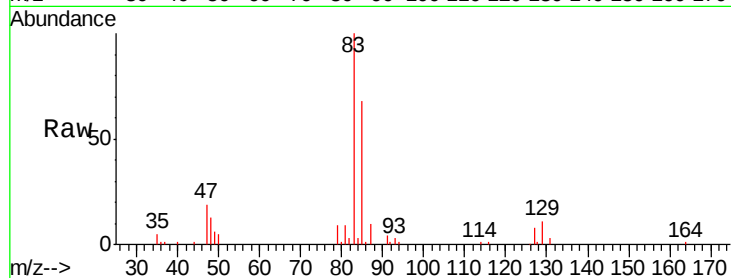
ClientSampleId :

VW1121SBS01

Tgt Ion:	83	Resp:	34358
Ion Ratio	Lower	Upper	
83	100		
85	67.7	52.9	79.3
127	8.4	7.8	11.6

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#48

Methyl methacrylate

Concen: 20.47 ug/l

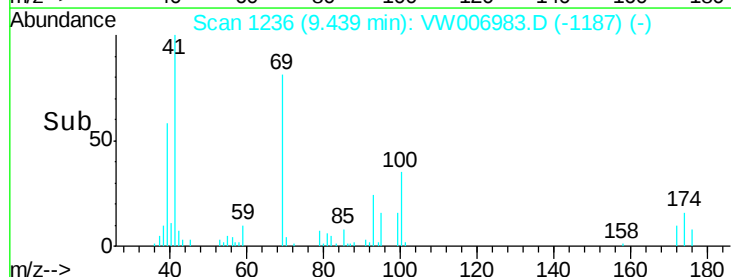
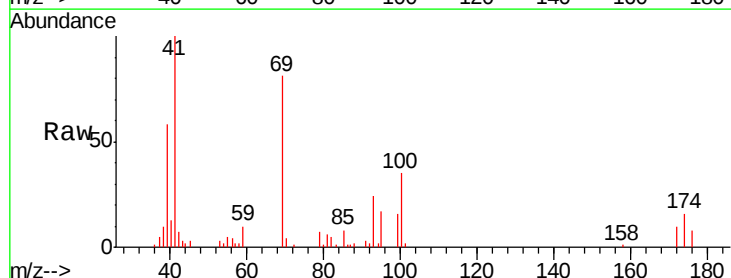
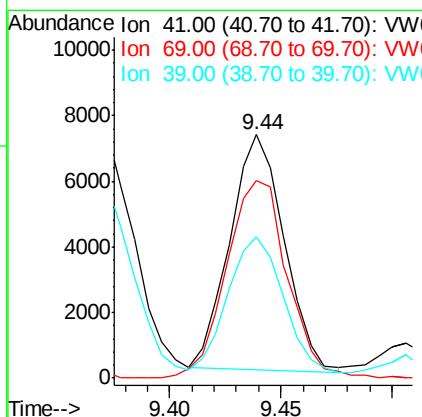
RT: 9.44 min Scan# 1236

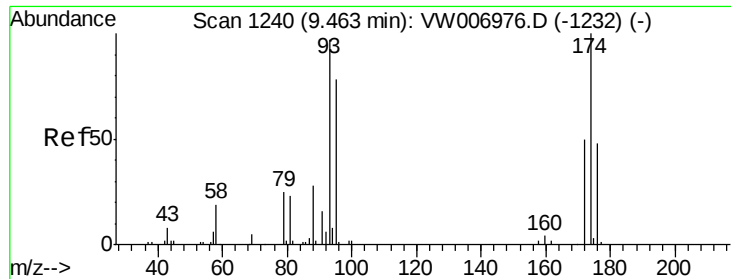
Delta R.T. 0.00 min

Lab File: VW006983.D

Acq: 20 Nov 2018 19:15

Tgt Ion:	41	Resp:	12126
Ion Ratio	Lower	Upper	
41	100		
69	94.5	71.4	107.0
39	59.6	44.8	67.2





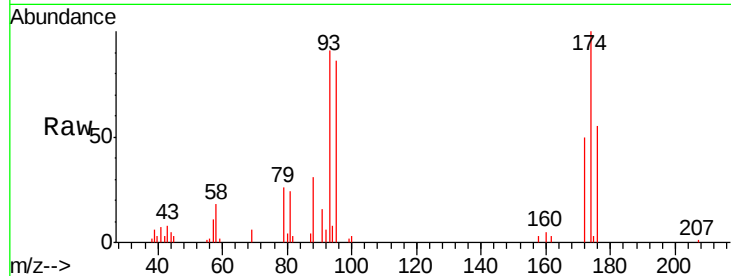
#49
1,4-Dioxane
Concen: 395.78 ug/l
RT: 9.47 min Scan# 1241
Delta R.T. 0.01 min
Lab File: VW006983.D
Acq: 20 Nov 2018 19:15

Instrument :
MSVOA_W
ClientSampleId :
VW1121SBS01

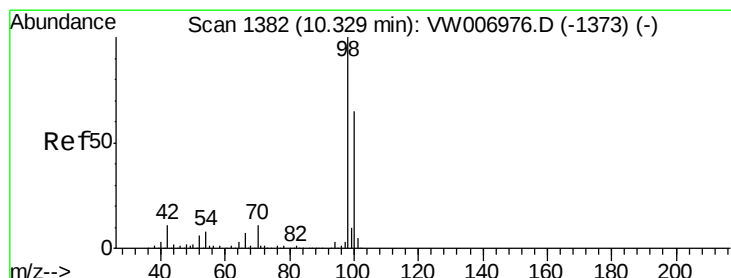
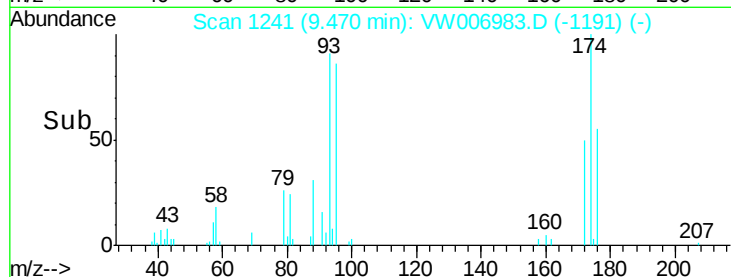
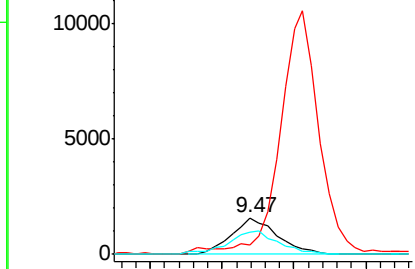
Tgt Ion	Ratio	Lower	Upper
88	100		
43	0.0	0.0	0.0
58	70.9	59.0	88.6

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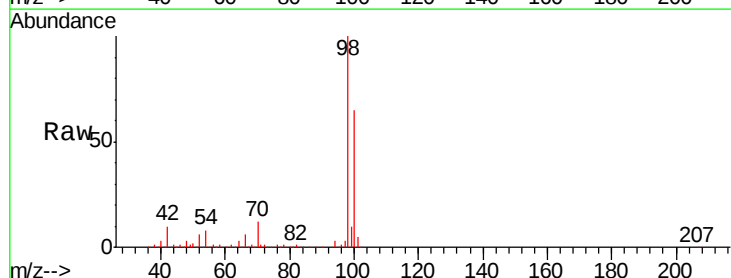


Abundance Ion 88.00 (87.70 to 88.70): VW
Ion 43.00 (42.70 to 43.70): VW
Ion 58.00 (57.70 to 58.70): VW

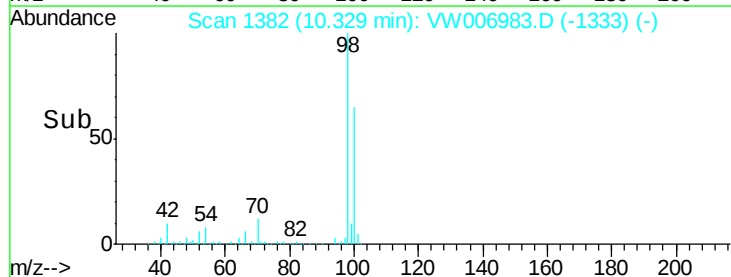
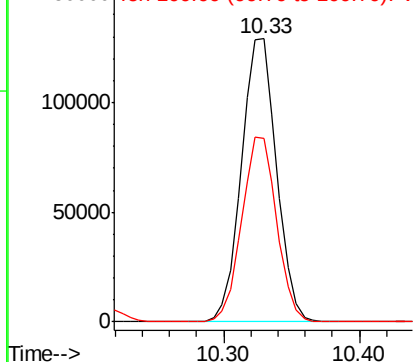


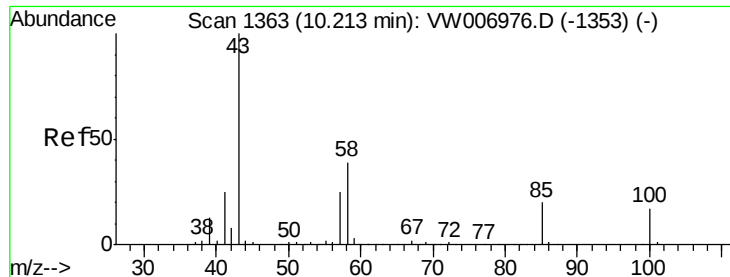
#50
Toluene-d8
Concen: 51.41 ug/l
RT: 10.33 min Scan# 1382
Delta R.T. 0.00 min
Lab File: VW006983.D
Acq: 20 Nov 2018 19:15

Tgt Ion	Ratio	Lower	Upper
98	100		
100	64.9	52.2	78.2



Abundance Ion 98.00 (97.70 to 98.70): VW
Ion 100.00 (99.70 to 100.70): VW





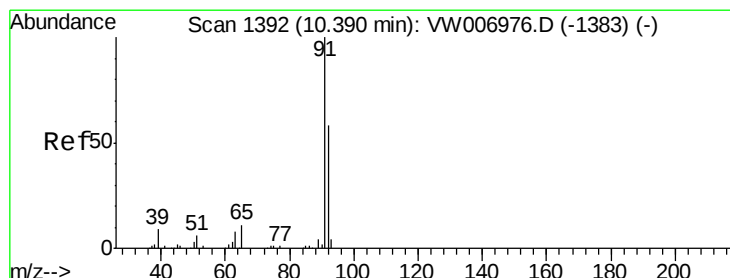
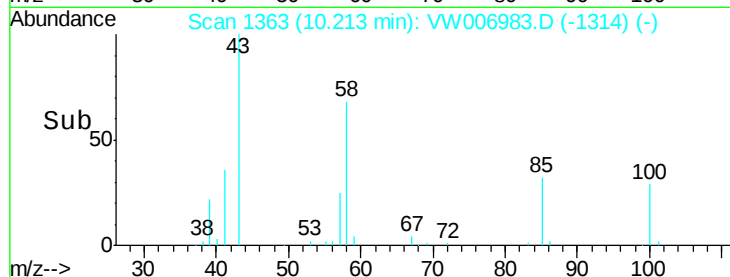
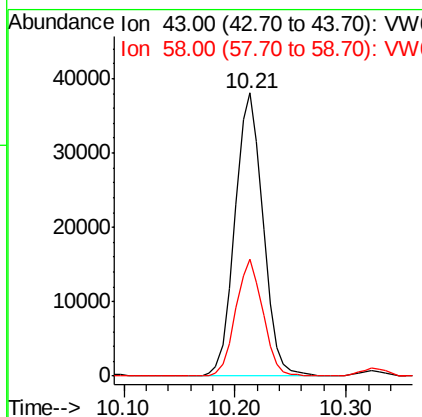
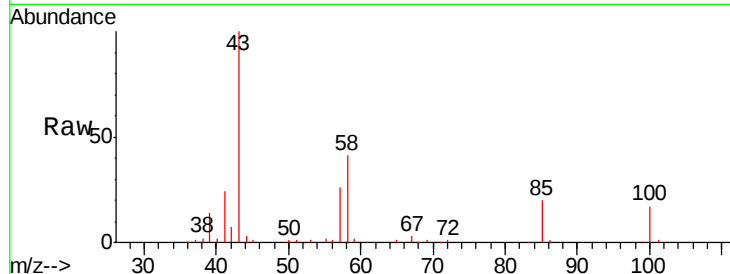
#51
 4-Methyl-2-Pentanone
 Concen: 107.46 ug/l
 RT: 10.21 min Scan# 1363
 Delta R.T. 0.00 min
 Lab File: VW006983.D
 Acq: 20 Nov 2018 19:15

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1121SBSD01

Tgt Ion: 43 Resp: 66713
 Ion Ratio Lower Upper
 43 100
 58 39.8 31.8 47.6

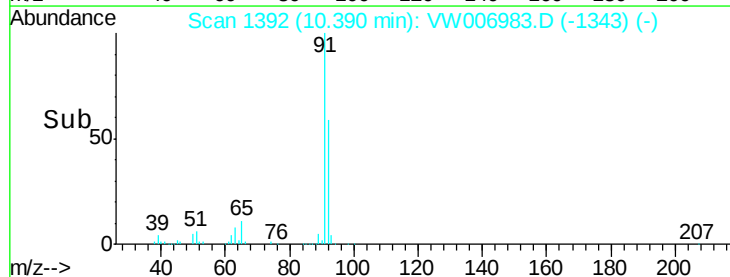
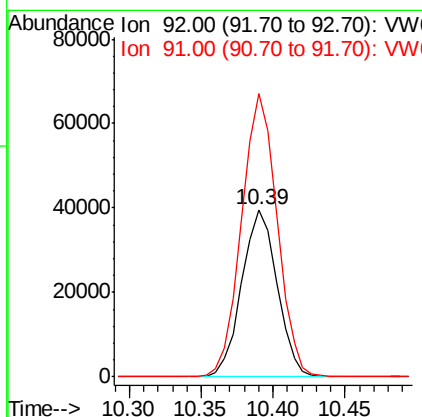
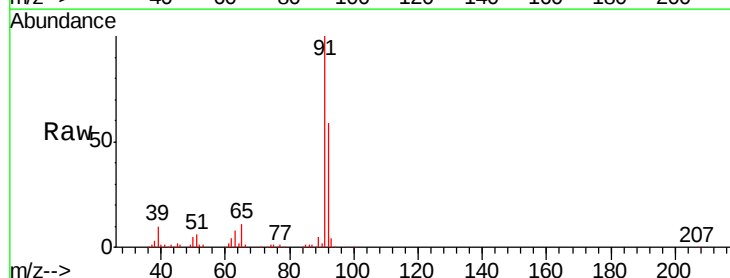
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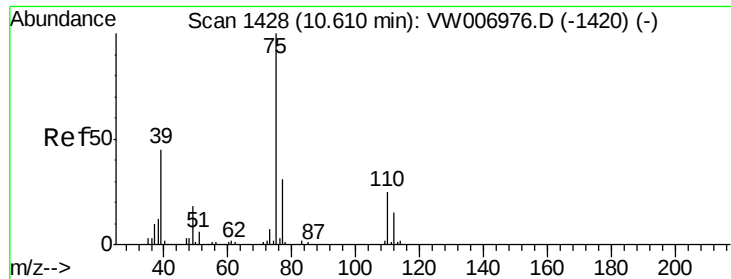
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#52
 Toluene
 Concen: 20.65 ug/l
 RT: 10.39 min Scan# 1392
 Delta R.T. 0.00 min
 Lab File: VW006983.D
 Acq: 20 Nov 2018 19:15

Tgt Ion: 92 Resp: 67492
 Ion Ratio Lower Upper
 92 100
 91 170.0 137.3 205.9





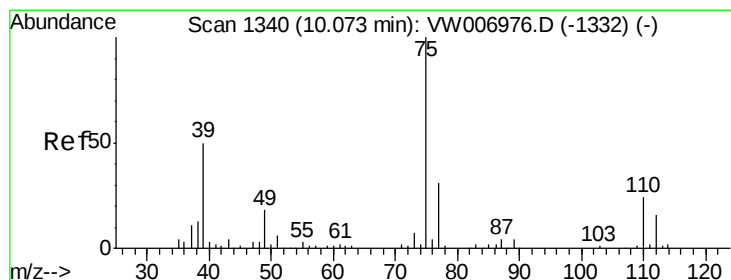
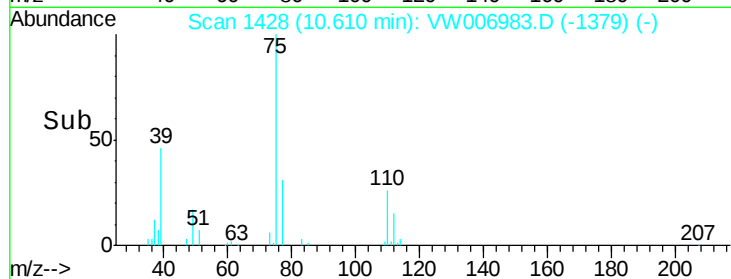
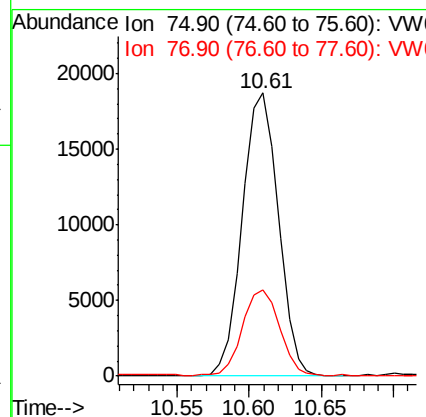
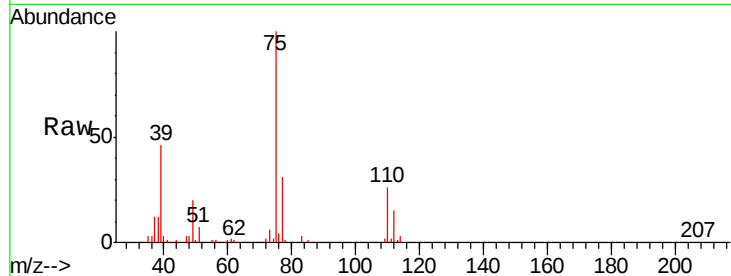
#53
t-1,3-Dichloropropene
Concen: 21.49 ug/l
RT: 10.61 min Scan# 1428
Delta R.T. 0.00 min
Lab File: VW006983.D
Acq: 20 Nov 2018 19:15

Instrument :
MSVOA_W
ClientSampleId :
VW1121SBS01

Tgt Ion: 75 Resp: 32520
Ion Ratio Lower Upper
75 100
77 30.2 24.7 37.1

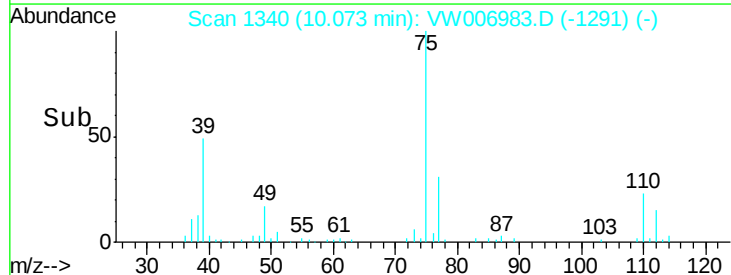
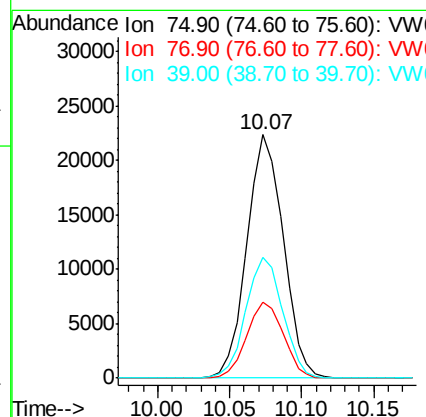
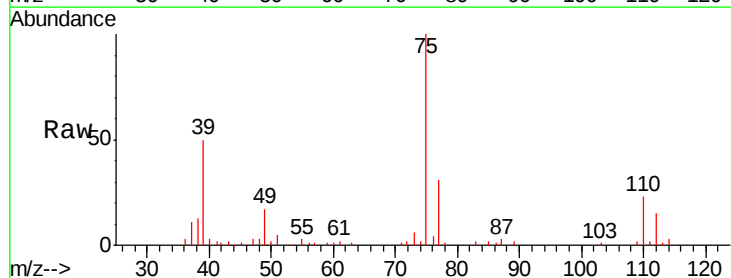
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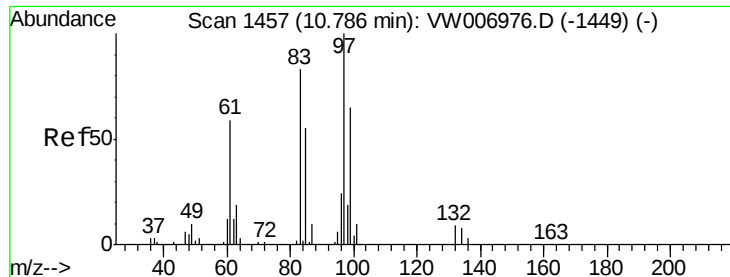
MMDadoda
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#54
cis-1,3-Dichloropropene
Concen: 21.41 ug/l
RT: 10.07 min Scan# 1340
Delta R.T. 0.00 min
Lab File: VW006983.D
Acq: 20 Nov 2018 19:15

Tgt Ion: 75 Resp: 39135
Ion Ratio Lower Upper
75 100
77 31.0 25.0 37.6
39 49.8 39.9 59.9





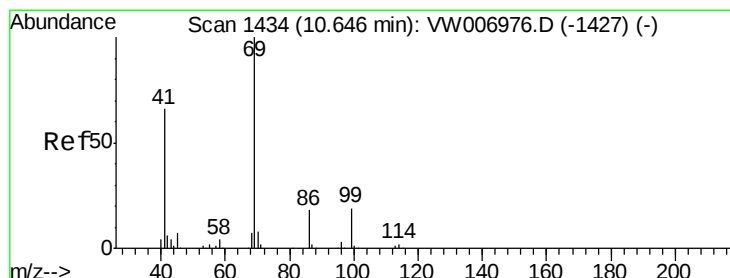
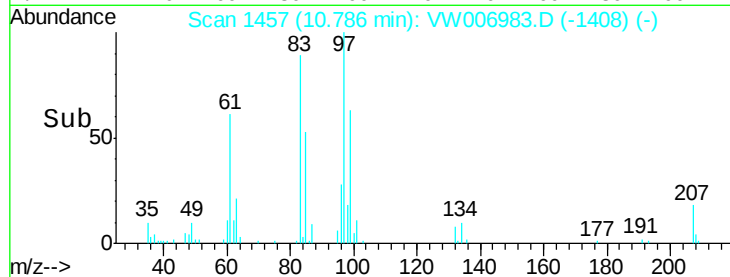
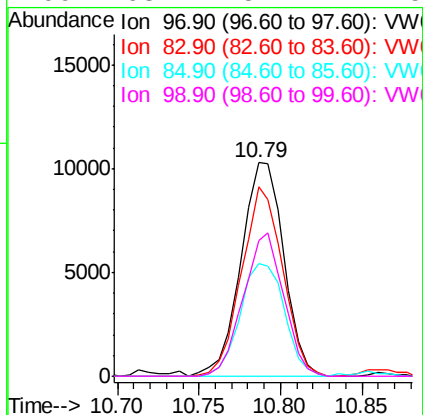
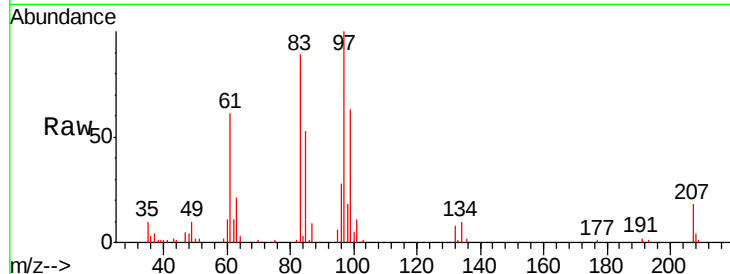
#55
 1,1,2-Trichloroethane
 Concen: 21.59 ug/l
 RT: 10.79 min Scan# 1457
 Delta R.T. 0.00 min
 Lab File: VW006983.D
 Acq: 20 Nov 2018 19:15

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1121SBS01

Tgt Ion	Ratio	Lower	Upper
97	100		
83	88.6	66.4	99.6
85	52.8	44.1	66.1
99	63.2	51.7	77.5

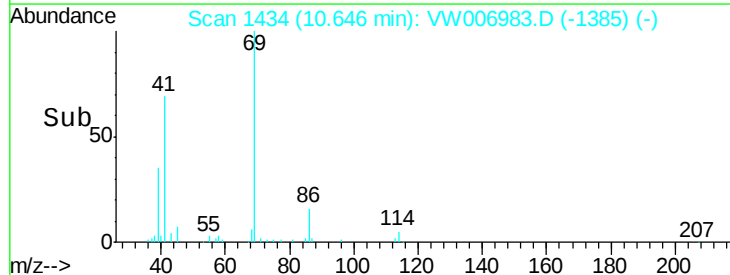
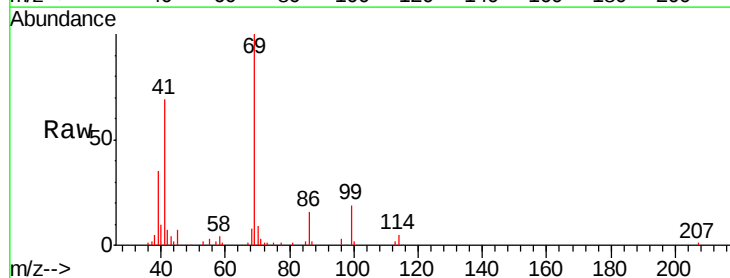
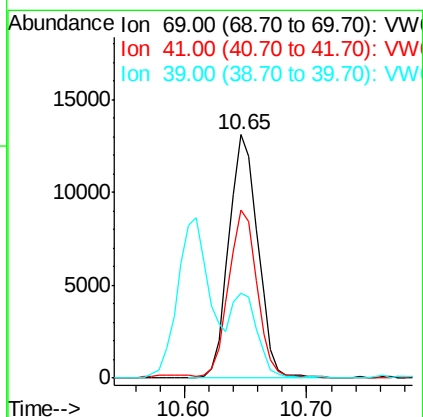
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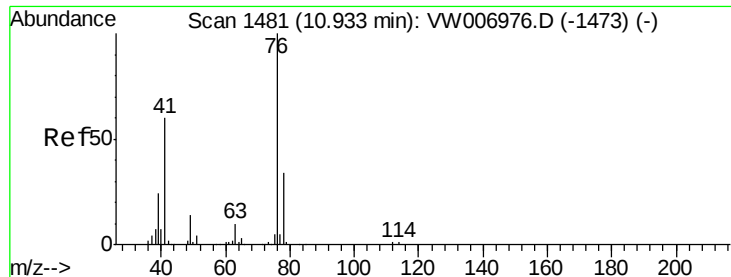
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#56
 Ethyl methacrylate
 Concen: 21.29 ug/l
 RT: 10.65 min Scan# 1434
 Delta R.T. 0.00 min
 Lab File: VW006983.D
 Acq: 20 Nov 2018 19:15

Tgt Ion	Ratio	Lower	Upper
69	100		
41	68.2	53.4	80.0
39	30.3	28.2	42.4





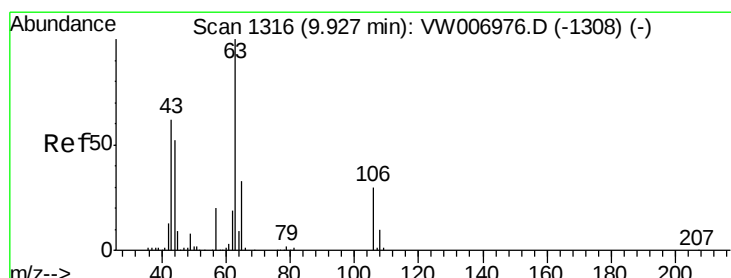
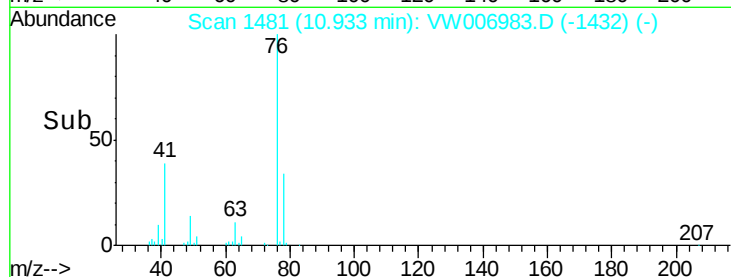
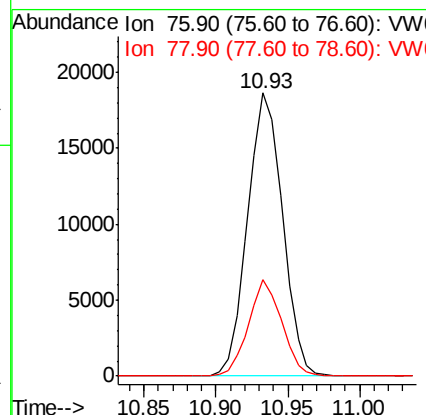
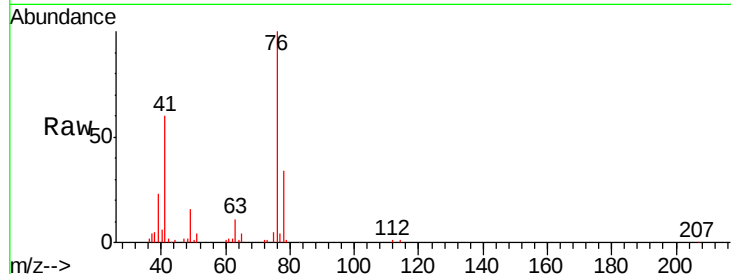
#57
 1,3-Dichloropropane
 Concen: 21.44 ug/l
 RT: 10.93 min Scan# 1481
 Delta R.T. 0.00 min
 Lab File: VW006983.D
 Acq: 20 Nov 2018 19:15

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1121SBS01

Tgt Ion: 76 Resp: 31331
 Ion Ratio Lower Upper
 76 100
 78 32.5 25.8 38.6

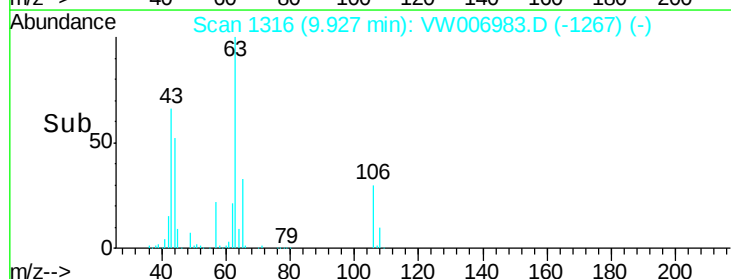
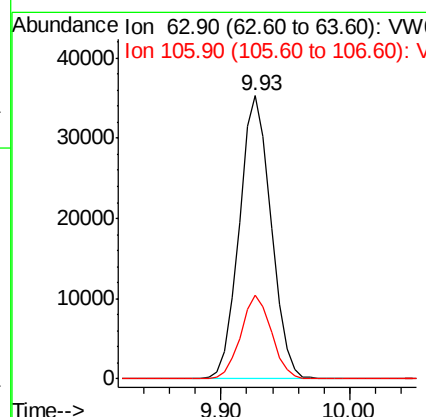
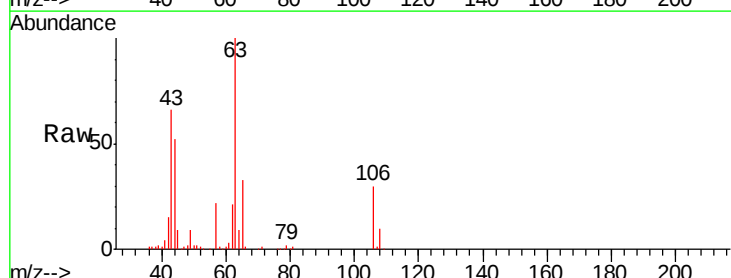
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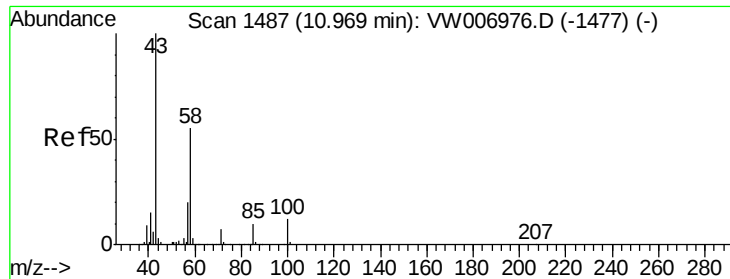
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#58
 2-Chloroethyl Vinyl ether
 Concen: 113.90 ug/l
 RT: 9.93 min Scan# 1316
 Delta R.T. 0.00 min
 Lab File: VW006983.D
 Acq: 20 Nov 2018 19:15

Tgt Ion: 63 Resp: 60253
 Ion Ratio Lower Upper
 63 100
 106 28.8 23.5 35.3





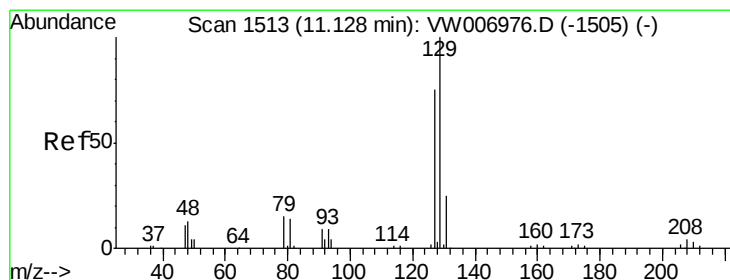
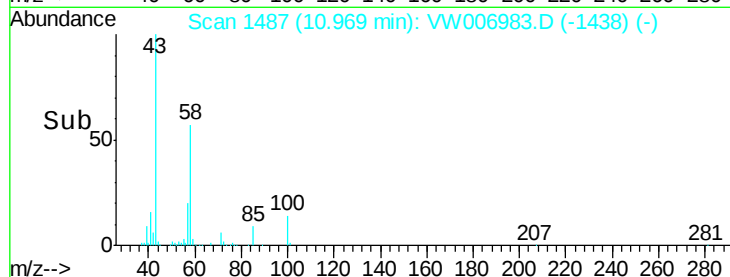
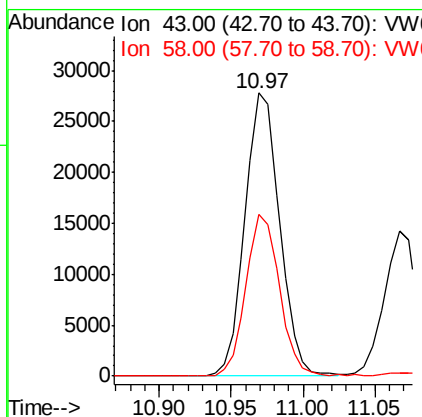
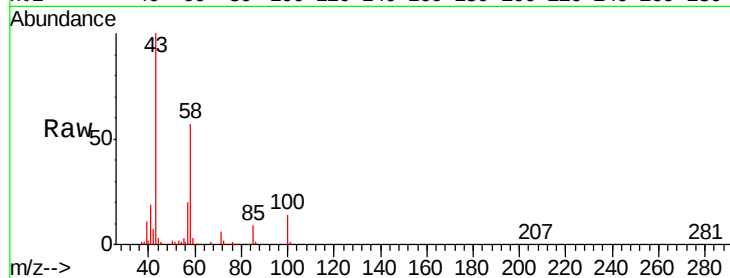
#59
2-Hexanone
Concen: 109.05 ug/l
RT: 10.97 min Scan# 1487
Delta R.T. 0.00 min
Lab File: VW006983.D
Acq: 20 Nov 2018 19:15

Instrument :
MSVOA_W
ClientSampleId :
VW1121SBS01

Tgt Ion: 43 Resp: 46358
Ion Ratio Lower Upper
43 100
58 55.6 27.3 81.8

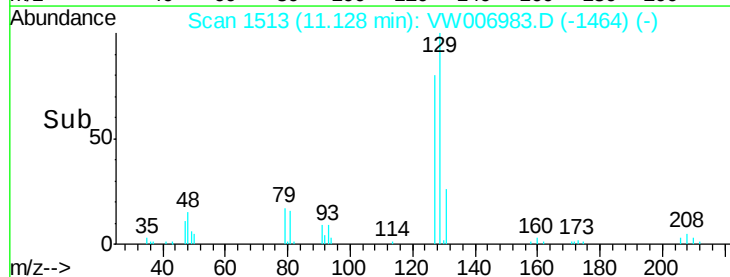
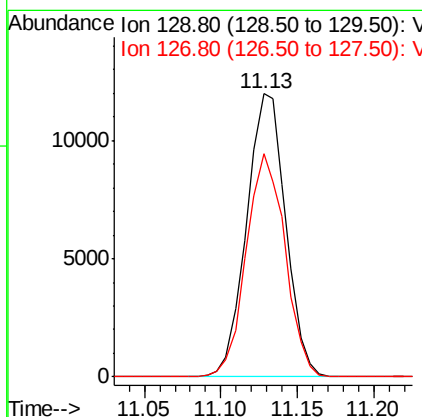
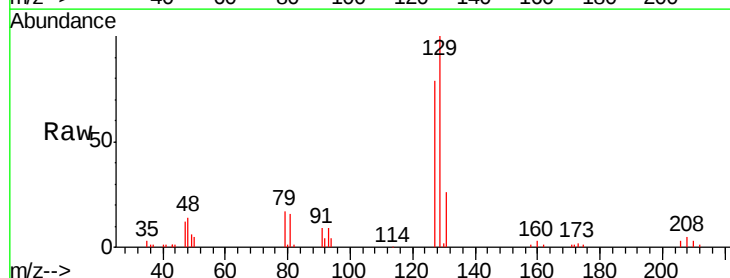
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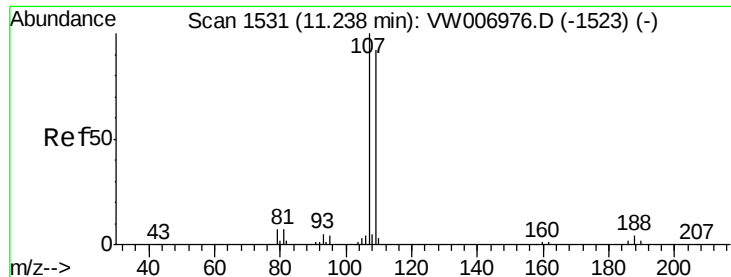
MMDadoda
11/21/2018 11:32:37 AM



#60
Dibromochloromethane
Concen: 21.45 ug/l
RT: 11.13 min Scan# 1513
Delta R.T. 0.00 min
Lab File: VW006983.D
Acq: 20 Nov 2018 19:15

Tgt Ion: 129 Resp: 21317
Ion Ratio Lower Upper
129 100
127 78.1 38.3 114.8





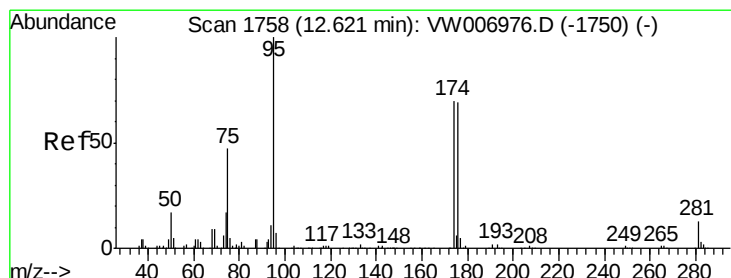
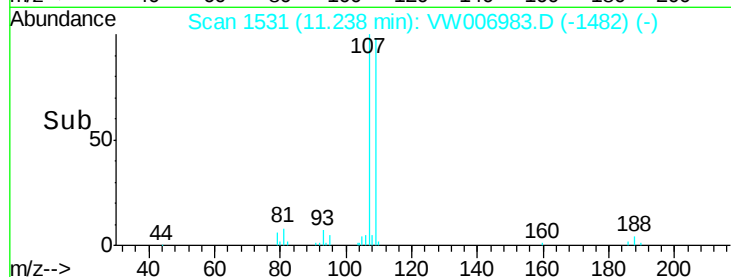
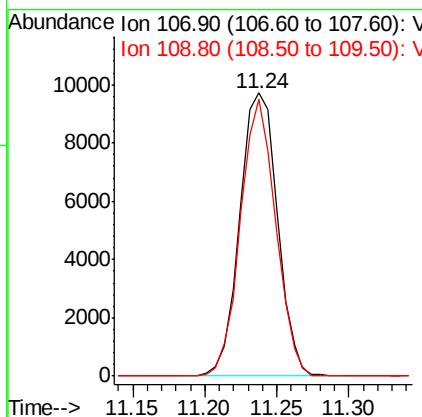
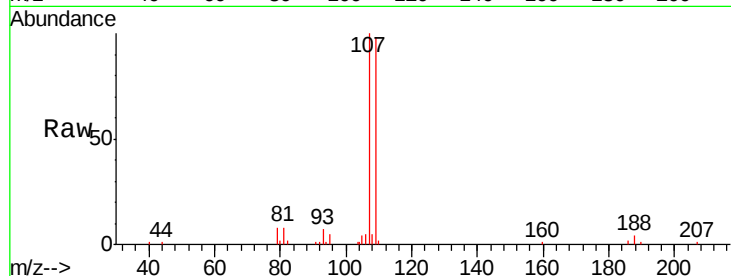
#61
 1,2-Dibromoethane
 Concen: 22.08 ug/l
 RT: 11.24 min Scan# 1531
 Delta R.T. 0.00 min
 Lab File: VW006983.D
 Acq: 20 Nov 2018 19:15

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1121SBSD01

Tgt Ion: 107 Resp: 17614
 Ion Ratio Lower Upper
 107 100
 109 91.5 75.1 112.7

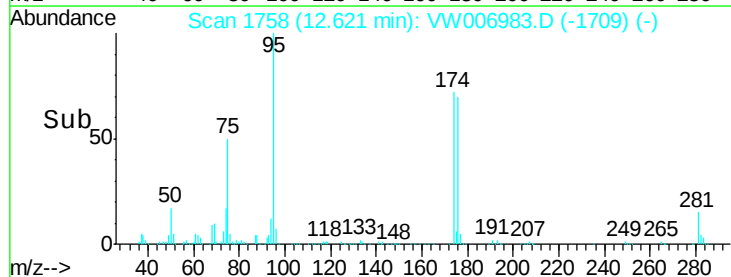
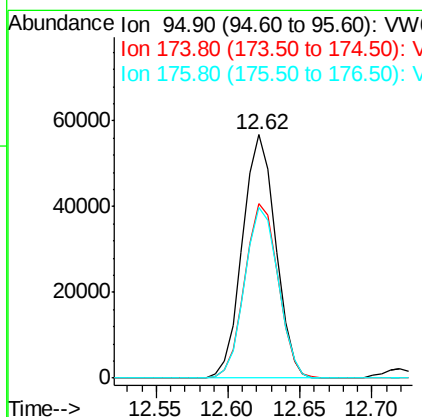
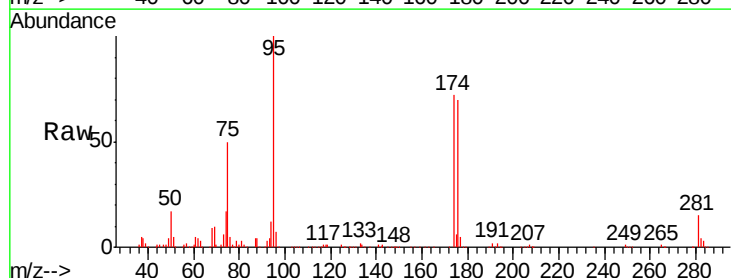
Manual Integrations
 APPROVED

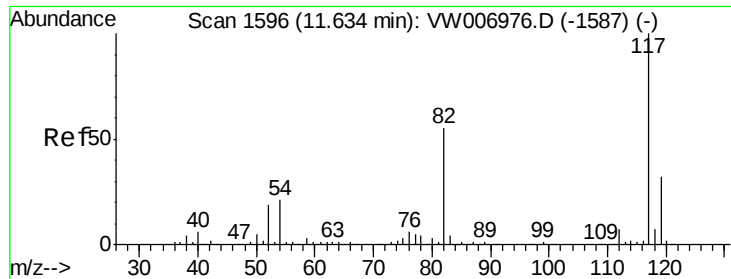
MMDadoda
 11/21/2018 11:32:37 AM



#62
 4-Bromofluorobenzene
 Concen: 50.70 ug/l
 RT: 12.62 min Scan# 1758
 Delta R.T. 0.00 min
 Lab File: VW006983.D
 Acq: 20 Nov 2018 19:15

Tgt Ion: 95 Resp: 90580
 Ion Ratio Lower Upper
 95 100
 174 72.3 0.0 143.6
 176 70.9 0.0 140.4





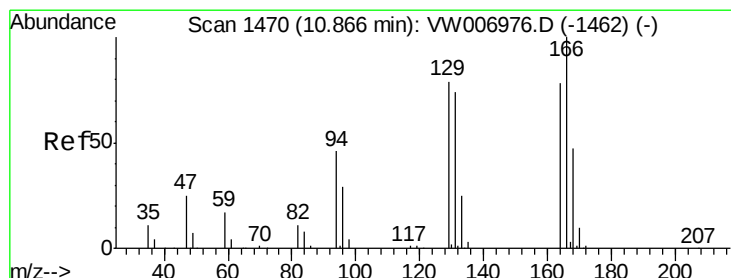
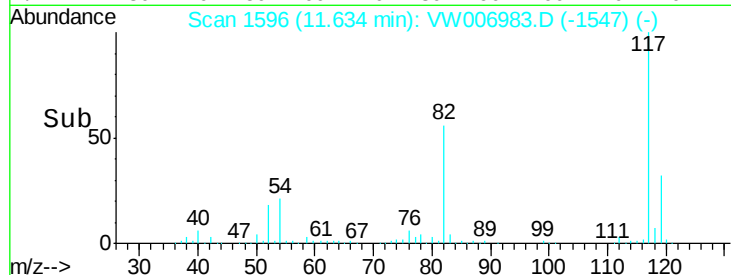
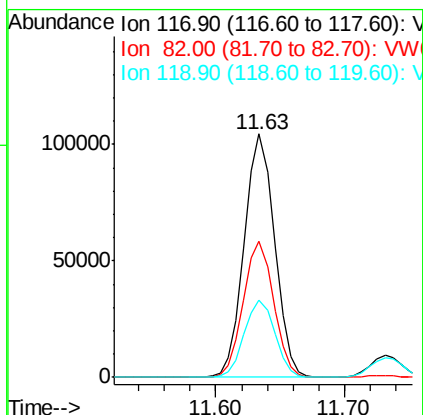
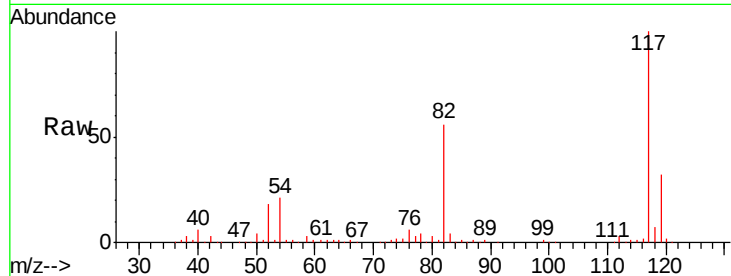
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.00 min
Lab File: VW006983.D
Acq: 20 Nov 2018 19:15

Instrument :
MSVOA_W
ClientSampleId :
VW1121SBS01

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	170422		
82	56.2	44.2	66.2	
119	31.6	25.9	38.9	

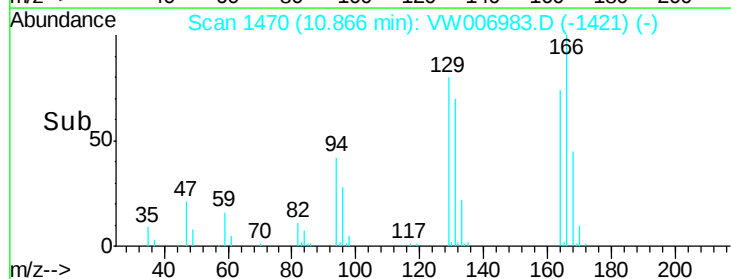
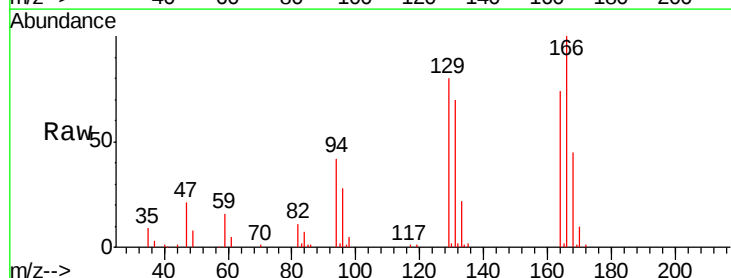
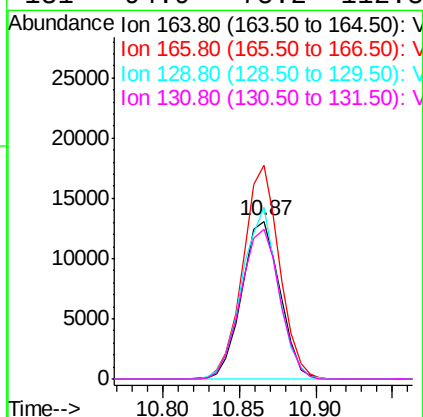
Manual Integrations
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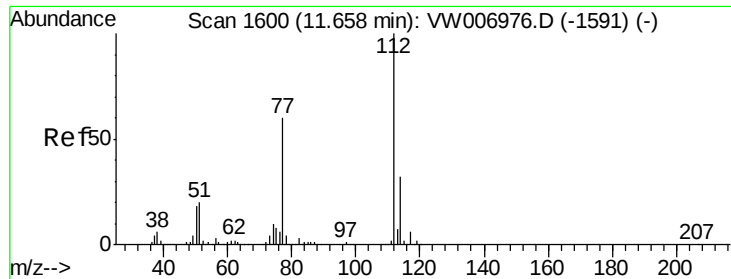
MMDadoda
11/21/2018 11:32:37 AM



#64
Tetrachloroethene
Concen: 20.74 ug/l
RT: 10.87 min Scan# 1470
Delta R.T. 0.00 min
Lab File: VW006983.D
Acq: 20 Nov 2018 19:15

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	22735		
166	135.5	102.1	153.1	
129	108.7	80.4	120.6	
131	94.9	75.2	112.8	





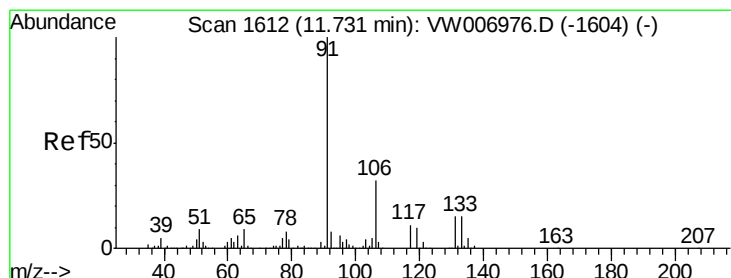
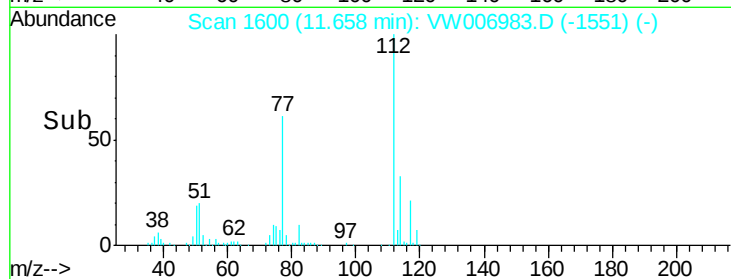
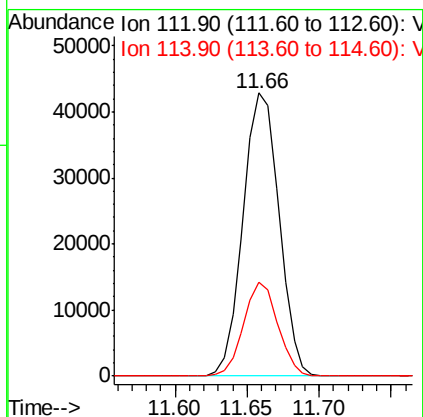
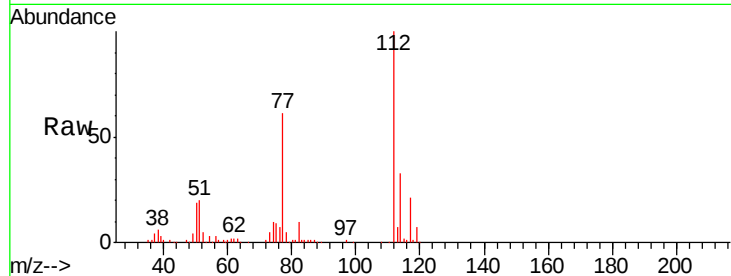
#65
Chlorobenzene
Concen: 20.90 ug/l
RT: 11.66 min Scan# 1600
Delta R.T. 0.00 min
Lab File: VW006983.D
Acq: 20 Nov 2018 19:15

Instrument :
MSVOA_W
ClientSampleId :
VW1121SBSD01

Tgt Ion:112 Resp: 74357
Ion Ratio Lower Upper
112 100
114 33.1 25.8 38.8

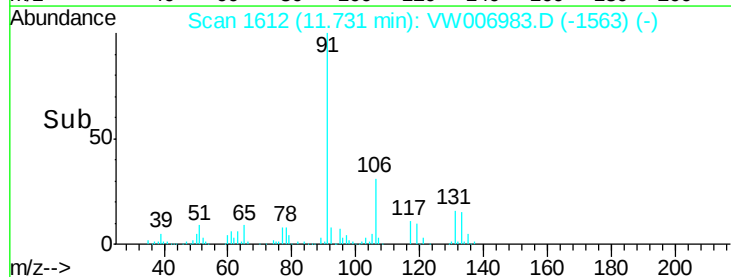
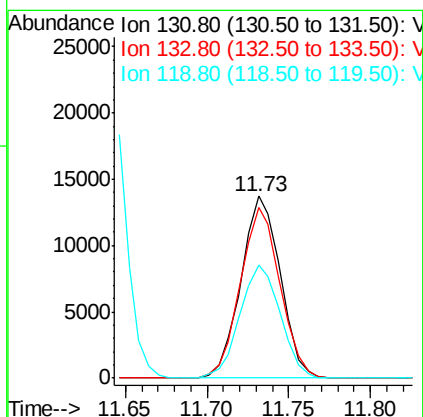
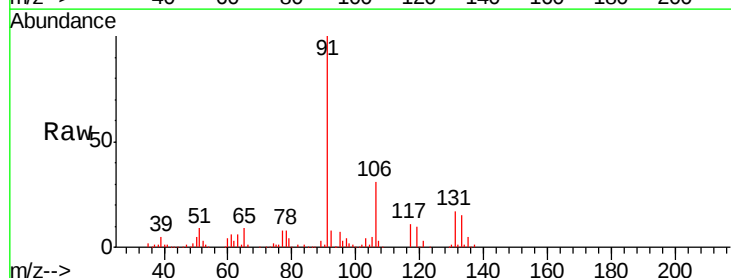
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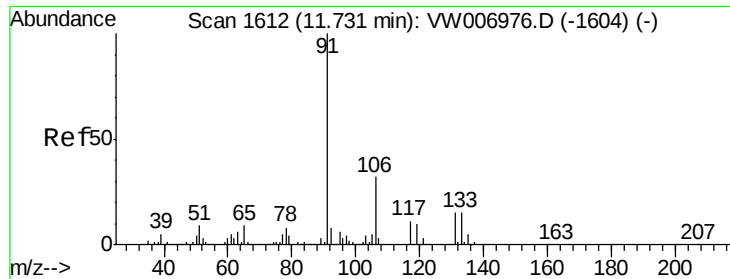
MMDadoda
11/21/2018 11:32:37 AM



#66
1,1,1,2-Tetrachloroethane
Concen: 21.32 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. 0.00 min
Lab File: VW006983.D
Acq: 20 Nov 2018 19:15

Tgt Ion:131 Resp: 22943
Ion Ratio Lower Upper
131 100
133 95.1 47.7 143.1
119 64.0 31.8 95.3





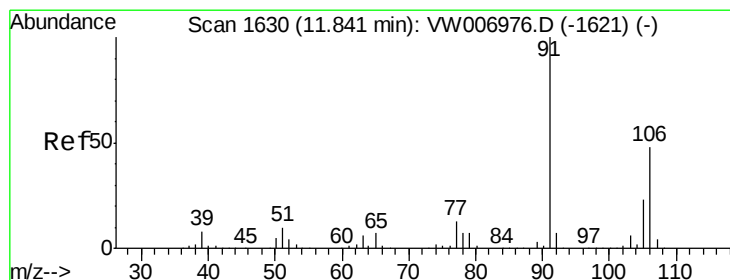
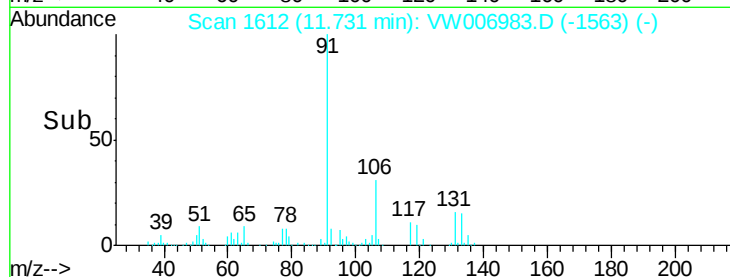
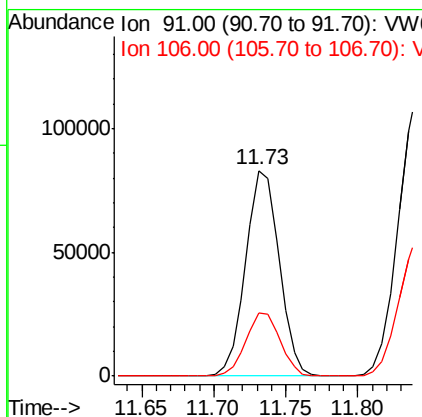
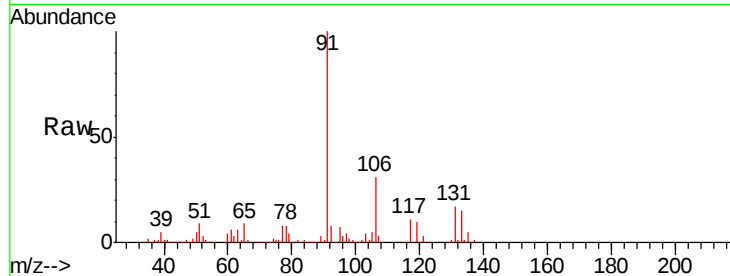
#67
Ethyl Benzene
Concen: 20.51 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. 0.00 min
Lab File: VW006983.D
Acq: 20 Nov 2018 19:15

Instrument :
MSVOA_W
ClientSampleId :
VW1121SBS01

Tgt Ion: 91 Resp: 134038
Ion Ratio Lower Upper
91 100
106 30.5 25.4 38.2

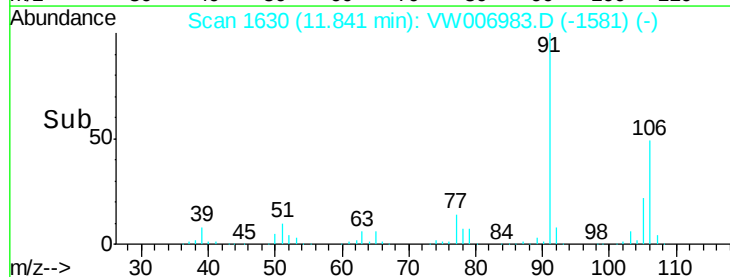
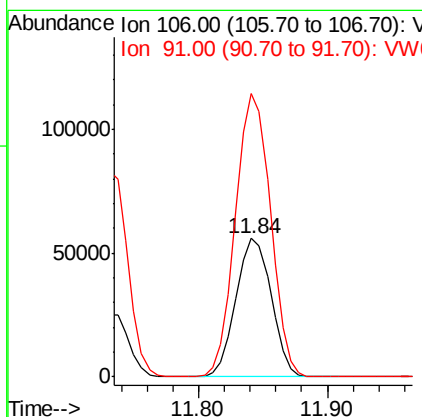
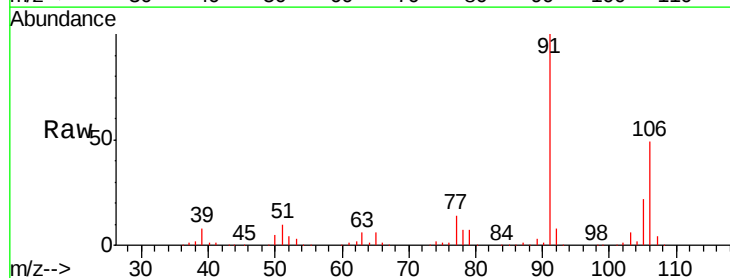
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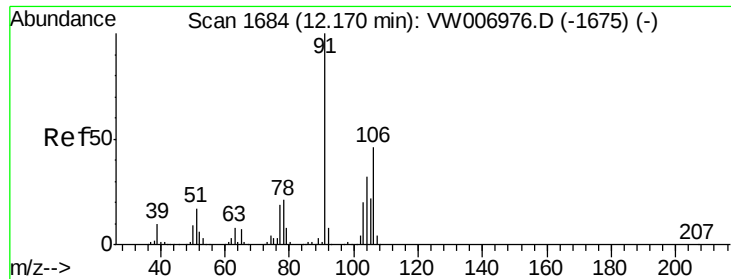
MMDadoda
11/21/2018 11:32:37 AM



#68
m/p-Xylenes
Concen: 41.65 ug/l
RT: 11.84 min Scan# 1630
Delta R.T. 0.00 min
Lab File: VW006983.D
Acq: 20 Nov 2018 19:15

Tgt Ion: 106 Resp: 106768
Ion Ratio Lower Upper
106 100
91 203.4 164.8 247.2





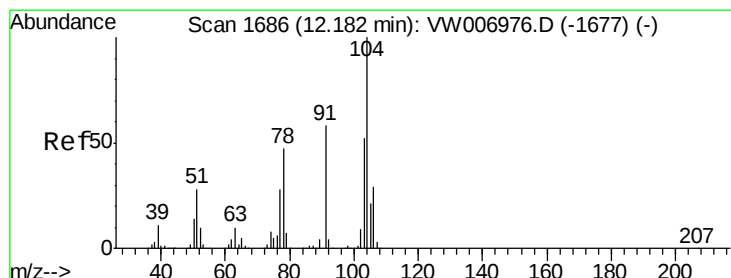
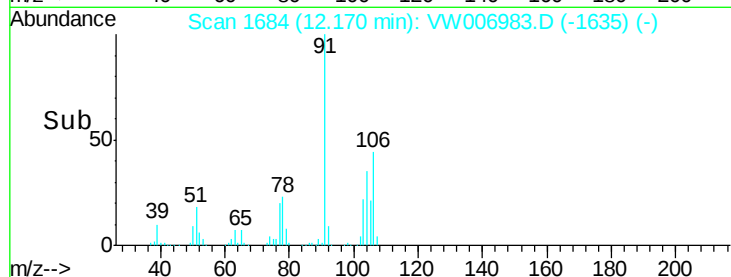
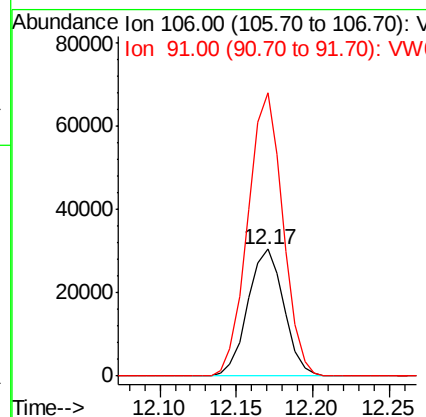
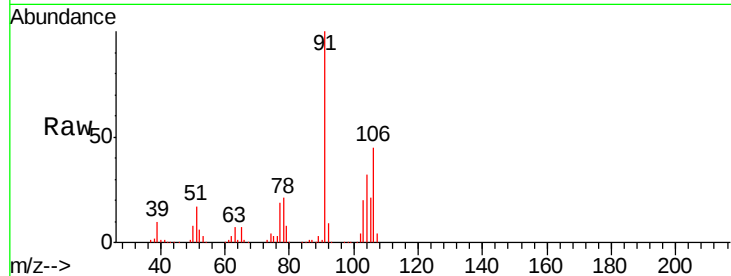
#69
o-Xylene
Concen: 20.74 ug/l
RT: 12.17 min Scan# 1684
Delta R.T. 0.00 min
Lab File: VW006983.D
Acq: 20 Nov 2018 19:15

Instrument :
MSVOA_W
ClientSampleId :
VW1121SBS01

Tgt Ion:106 Resp: 50132
Ion Ratio Lower Upper
106 100
91 216.7 107.9 323.8

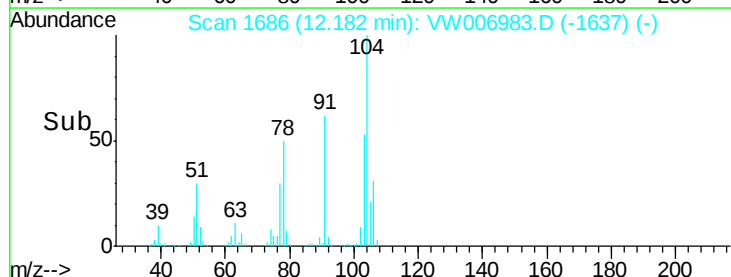
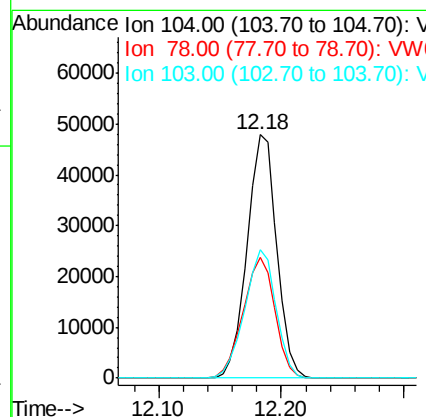
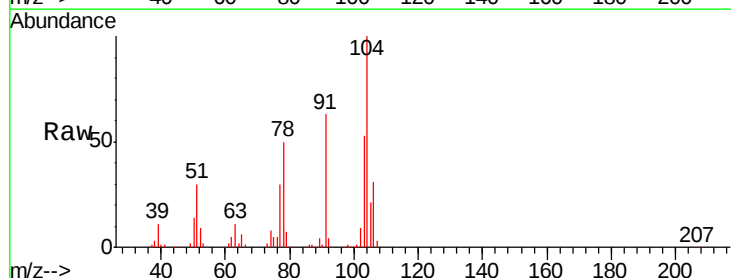
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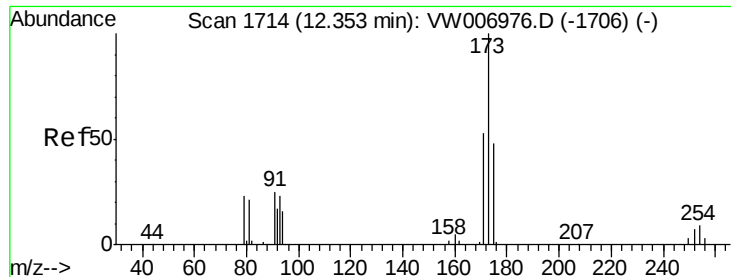
MMDadoda
11/21/2018 11:32:37 AM



#70
Styrene
Concen: 21.00 ug/l
RT: 12.18 min Scan# 1686
Delta R.T. 0.00 min
Lab File: VW006983.D
Acq: 20 Nov 2018 19:15

Tgt Ion:104 Resp: 80800
Ion Ratio Lower Upper
104 100
78 52.9 41.8 62.8
103 55.6 44.4 66.6





#71

Bromoform

Concen: 22.16 ug/l

RT: 12.35 min Scan# 1714

Delta R.T. 0.00 min

Lab File: VW006983.D

Acq: 20 Nov 2018 19:15

Instrument :

MSVOA_W

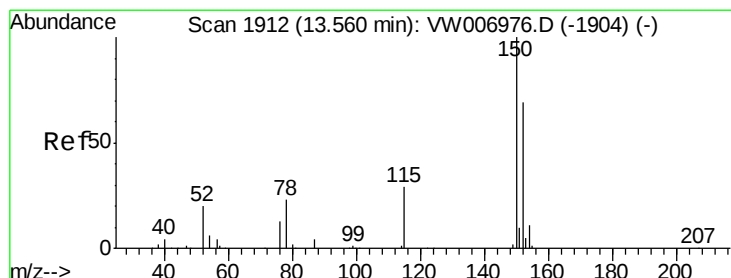
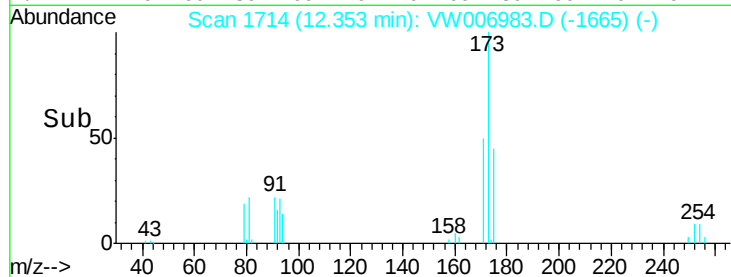
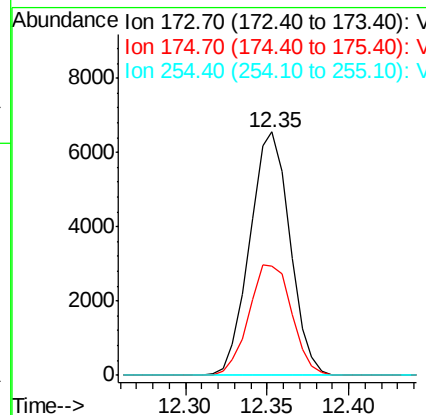
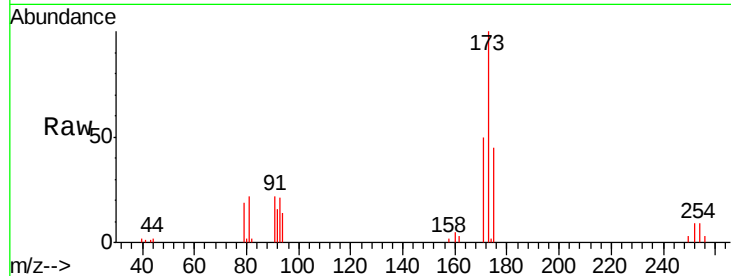
ClientSampleId :

VW1121SBS01

Tgt Ion:	173	Resp:	11231
Ion Ratio	Lower	Upper	
173	100		
175	48.3	24.0	72.0
254	0.0	0.0	0.0

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#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

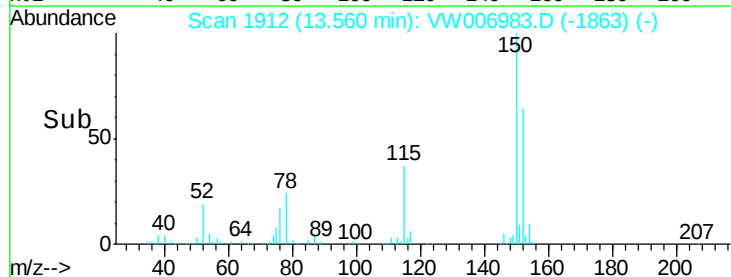
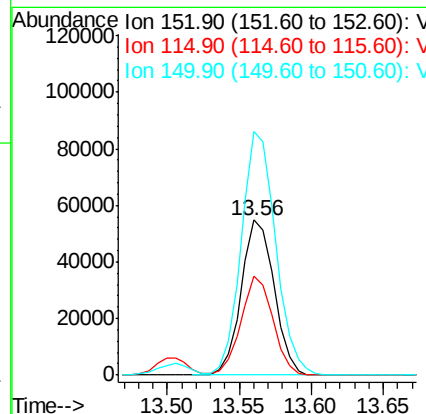
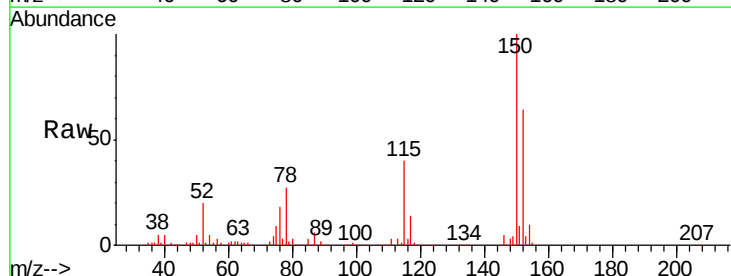
RT: 13.56 min Scan# 1912

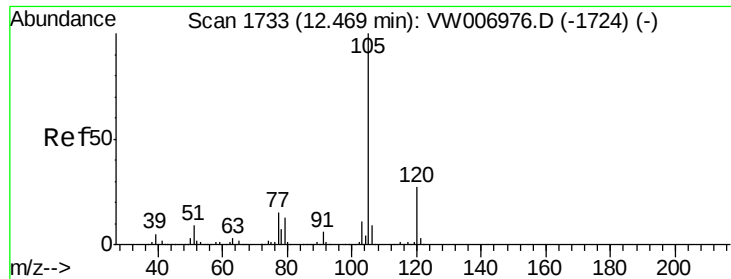
Delta R.T. 0.00 min

Lab File: VW006983.D

Acq: 20 Nov 2018 19:15

Tgt Ion:	152	Resp:	86953
Ion Ratio	Lower	Upper	
152	100		
115	61.6	31.4	94.2
150	164.5	0.0	353.4





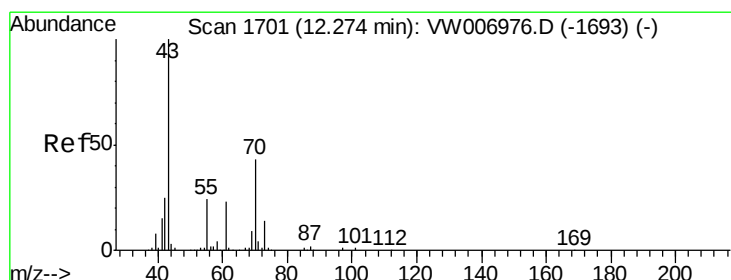
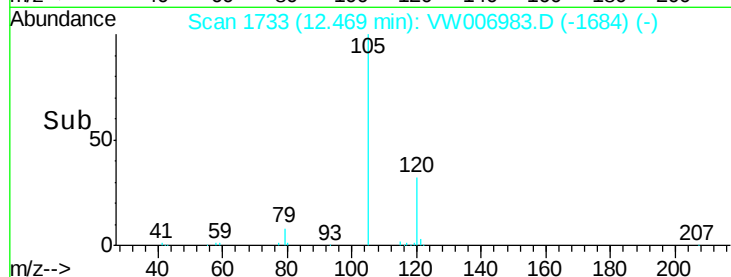
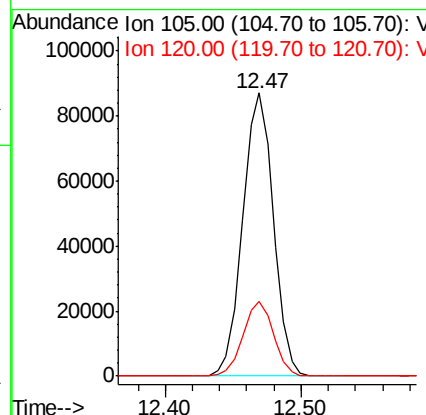
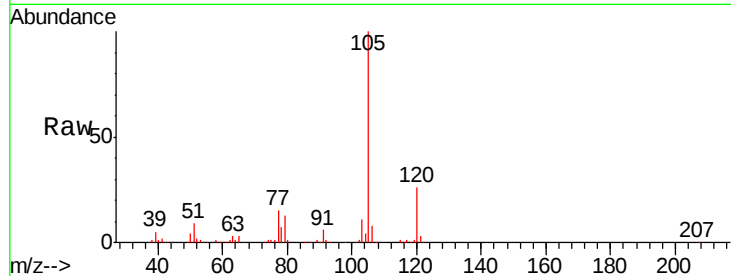
#73
Isopropylbenzene
Concen: 20.29 ug/l
RT: 12.47 min Scan# 1733
Delta R.T. 0.00 min
Lab File: VW006983.D
Acq: 20 Nov 2018 19:15

Instrument :
MSVOA_W
ClientSampleId :
VW1121SBSD01

Tgt Ion	Ratio	Lower	Upper
105	100		
120	26.1	13.3	39.8

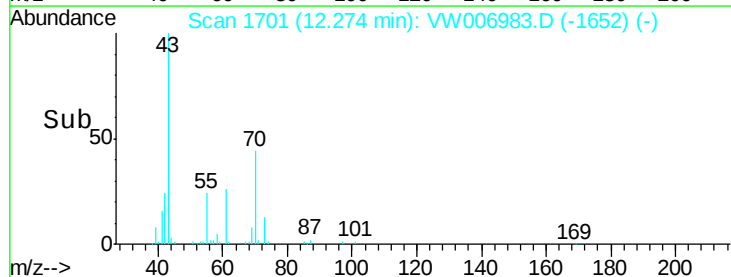
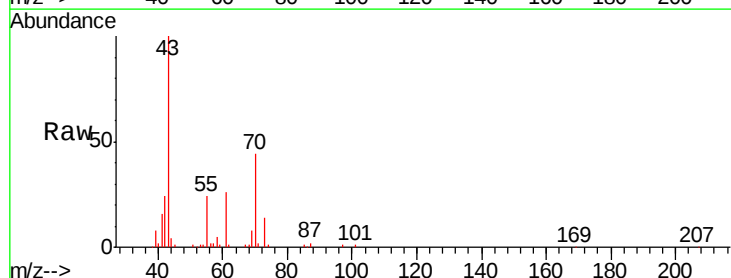
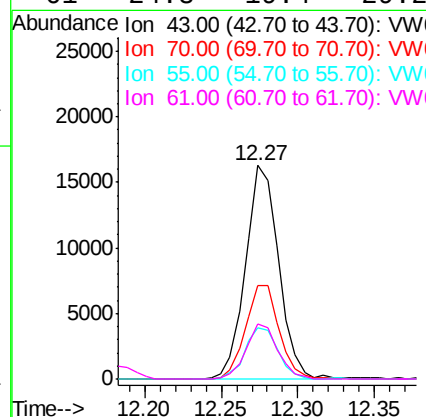
Manual Integrations
APPROVED

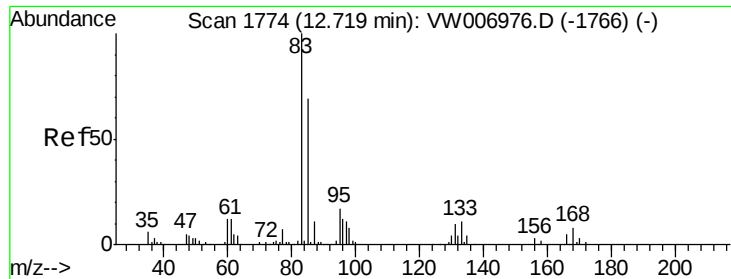
MMDadoda
11/21/2018 11:32:37 AM



#74
N-ethyl acetate
Concen: 21.64 ug/l
RT: 12.27 min Scan# 1701
Delta R.T. 0.00 min
Lab File: VW006983.D
Acq: 20 Nov 2018 19:15

Tgt Ion	Ratio	Lower	Upper
43	100		
70	44.6	34.0	51.0
55	23.8	19.4	29.0
61	24.8	19.4	29.2





#75

1,1,2,2-Tetrachloroethane

Concen: 21.72 ug/l

RT: 12.72 min Scan# 1774

Delta R.T. 0.00 min

Lab File: VW006983.D

Acq: 20 Nov 2018 19:15

Instrument :

MSVOA_W

ClientSampleId :

VW1121SBSD01

Tgt Ion: 83 Resp: 19538

Ion Ratio Lower Upper

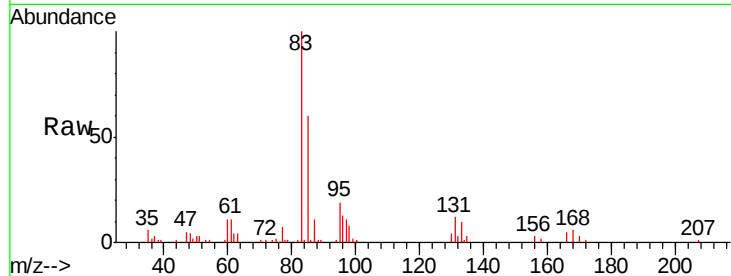
83 100

131 10.8 5.7 17.1

85 64.8 33.1 99.2

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Abundance Ion 82.90 (82.60 to 83.60): VW

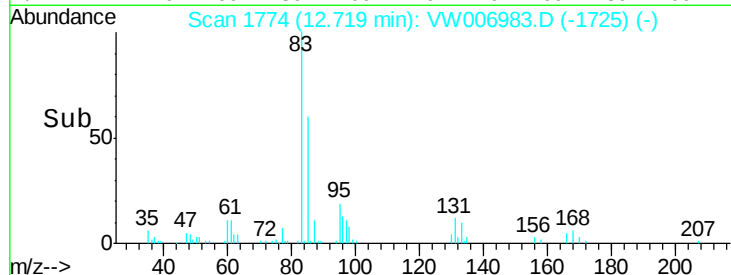
Ion 130.80 (130.50 to 131.50): VW

Ion 84.90 (84.60 to 85.60): VW

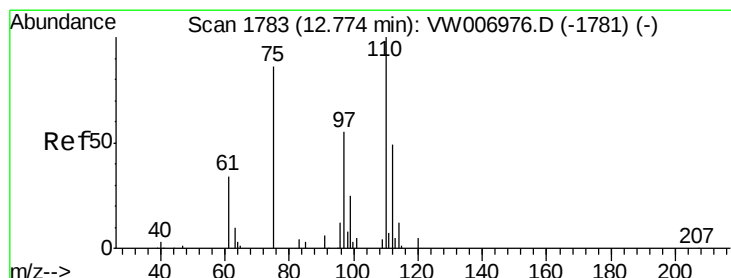
12.72

12.70

12.75



Time-->



#76

1,2,3-Trichloropropane

Concen: 22.04 ug/l m

RT: 12.77 min Scan# 1782

Delta R.T. -0.01 min

Lab File: VW006983.D

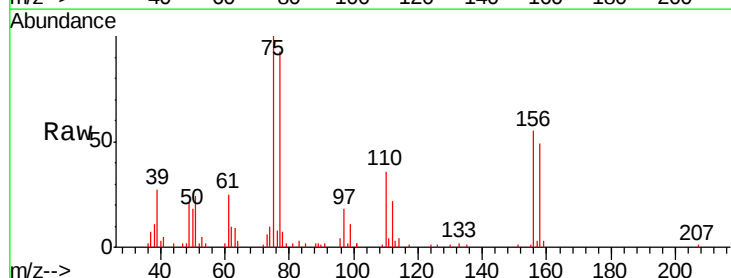
Acq: 20 Nov 2018 19:15

Tgt Ion: 75 Resp: 15057

Ion Ratio Lower Upper

75 100

77 373.7 0.0 0.0#



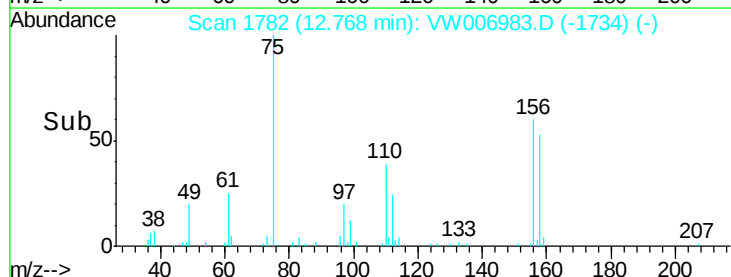
Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 77.00 (76.70 to 77.70): VW

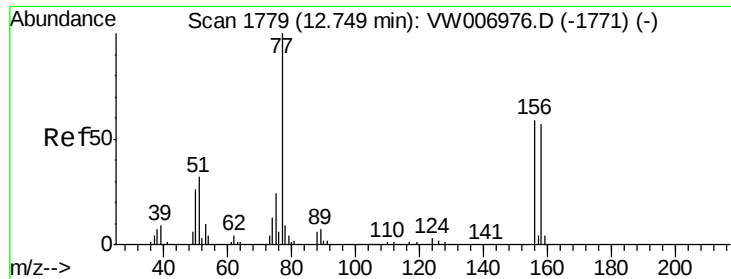
12.77

12.75

12.80



Time-->



#77

Bromobenzene

Concen: 20.40 ug/l

RT: 12.75 min Scan# 1779

Delta R.T. 0.00 min

Lab File: VW006983.D

Acq: 20 Nov 2018 19:15

Instrument :

MSVOA_W

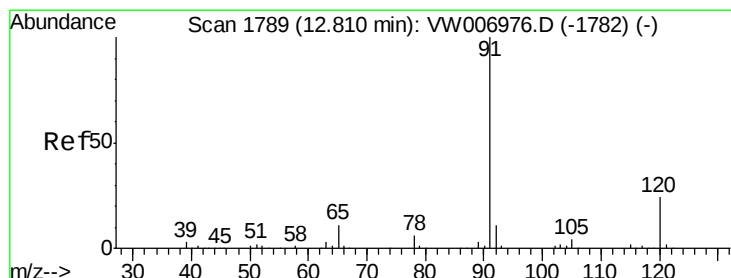
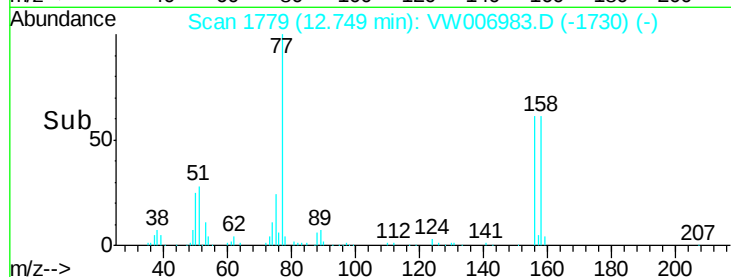
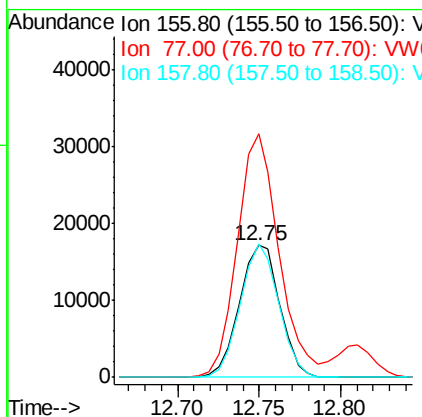
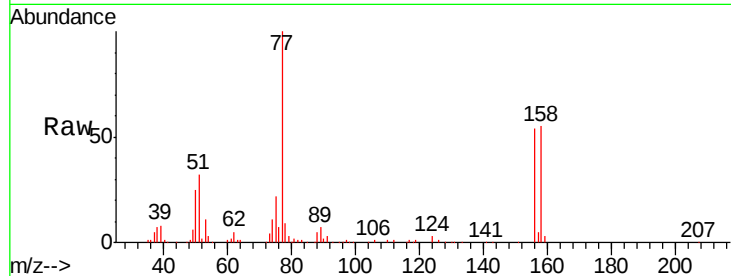
ClientSampleId :

VW1121SBSD01

Tgt Ion	Ratio	Lower	Upper
156	100		
77	190.1	94.6	283.8
158	95.8	48.9	146.7

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#78

n-propylbenzene

Concen: 20.10 ug/l

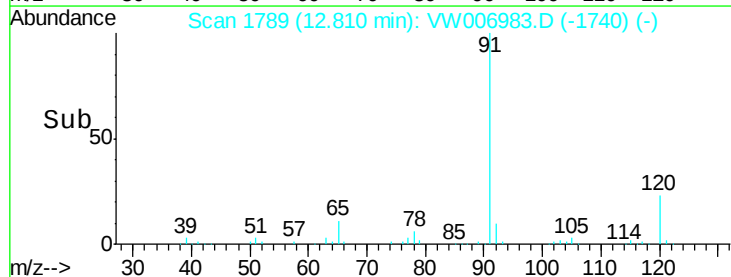
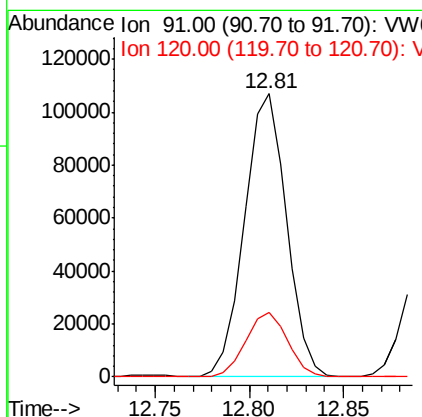
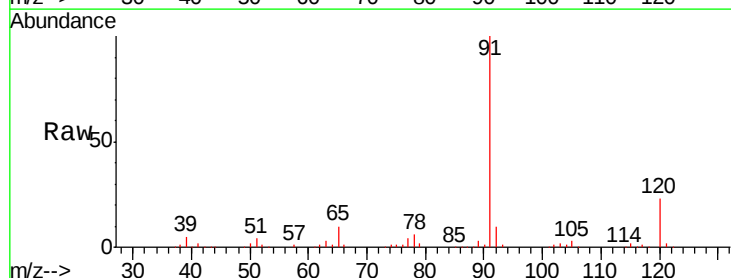
RT: 12.81 min Scan# 1789

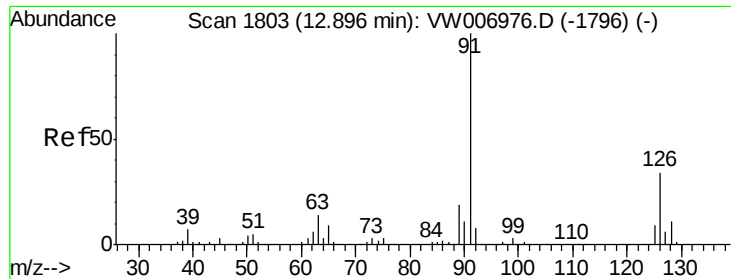
Delta R.T. 0.00 min

Lab File: VW006983.D

Acq: 20 Nov 2018 19:15

Tgt Ion	Ratio	Lower	Upper
91	100		
120	22.9	11.7	35.1





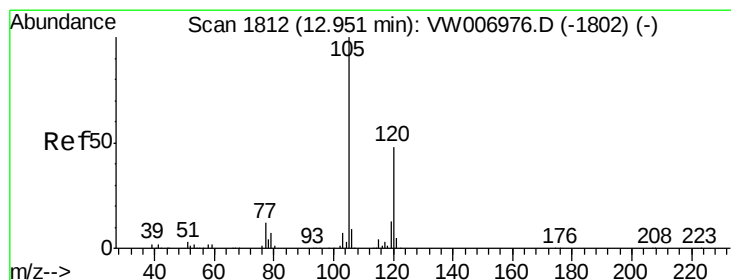
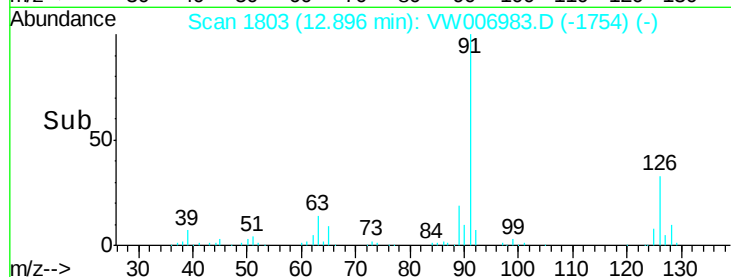
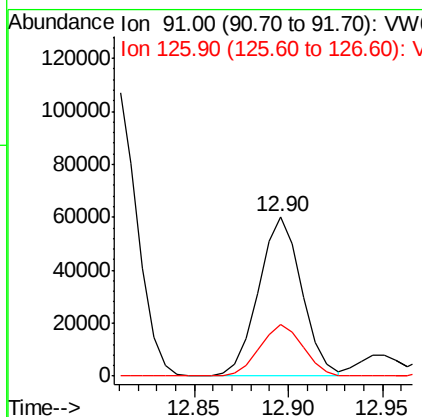
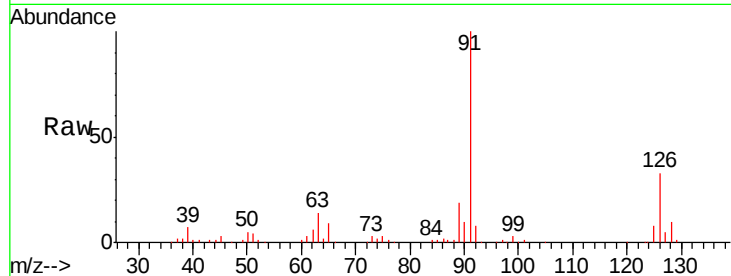
#79
2-Chlorotoluene
Concen: 20.23 ug/l
RT: 12.90 min Scan# 1803
Delta R.T. 0.00 min
Lab File: VW006983.D
Acq: 20 Nov 2018 19:15

Instrument :
MSVOA_W
ClientSampleId :
VW1121SBS01

Tgt Ion: 91 Resp: 95504
Ion Ratio Lower Upper
91 100
126 32.8 16.7 50.0

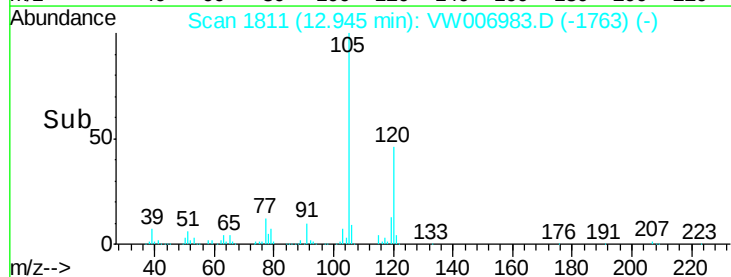
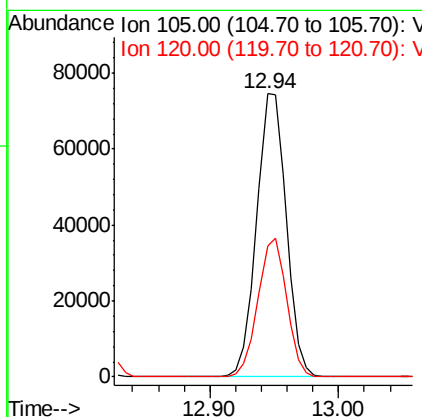
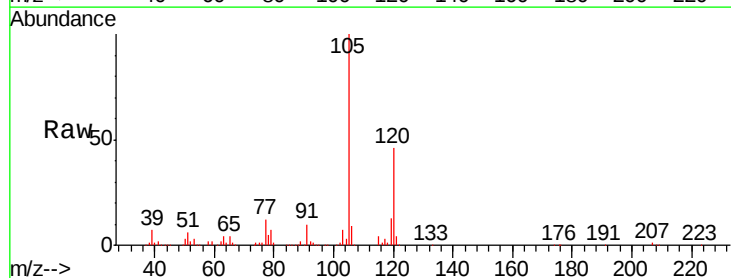
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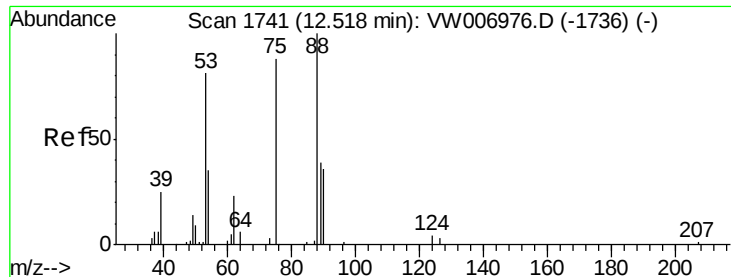
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#80
1,3,5-Trimethylbenzene
Concen: 20.24 ug/l
RT: 12.94 min Scan# 1811
Delta R.T. -0.01 min
Lab File: VW006983.D
Acq: 20 Nov 2018 19:15

Tgt Ion: 105 Resp: 118296
Ion Ratio Lower Upper
105 100
120 47.7 23.8 71.2





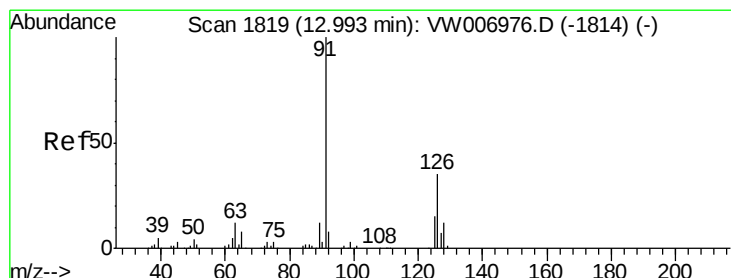
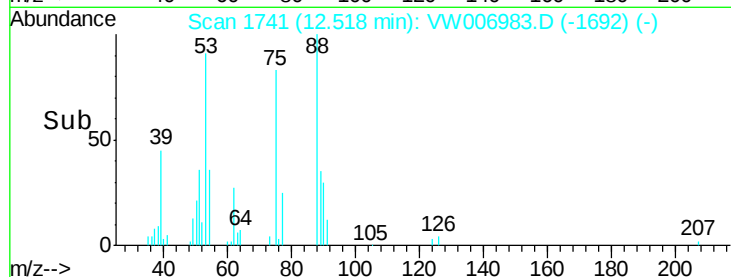
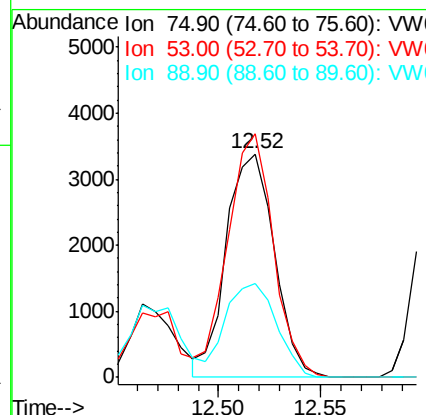
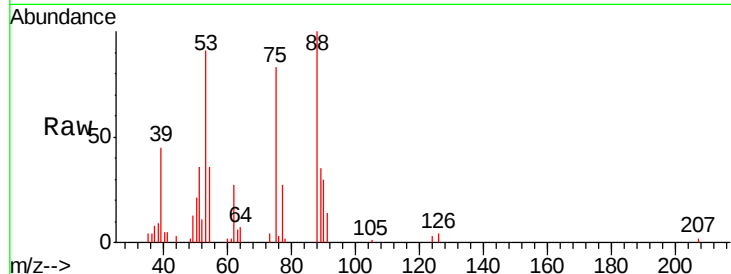
#81
trans-1,4-Dichloro-2-butene
Concen: 20.35 ug/l
RT: 12.52 min Scan# 1741
Delta R.T. 0.00 min
Lab File: VW006983.D
Acq: 20 Nov 2018 19:15

Instrument :
MSVOA_W
ClientSampleId :
VW1121SBS01

Tgt Ion	Ratio	Lower	Upper
75	100		
53	103.4	77.6	116.4
89	44.1	39.3	58.9

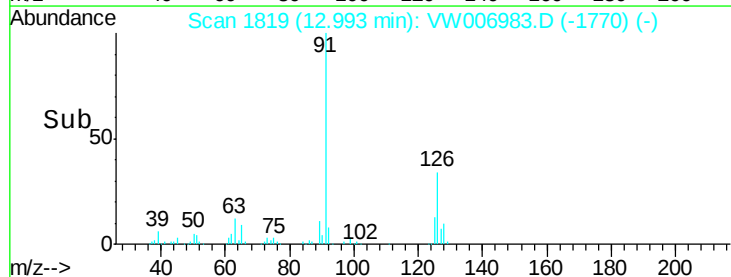
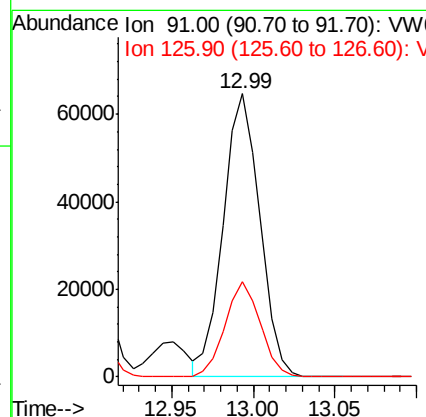
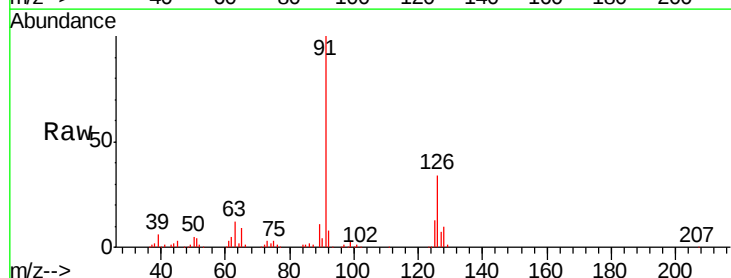
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#82
4-Chlorotoluene
Concen: 20.38 ug/l
RT: 12.99 min Scan# 1819
Delta R.T. 0.00 min
Lab File: VW006983.D
Acq: 20 Nov 2018 19:15

Tgt Ion	Ratio	Lower	Upper
91	100		
126	32.6	16.6	49.7





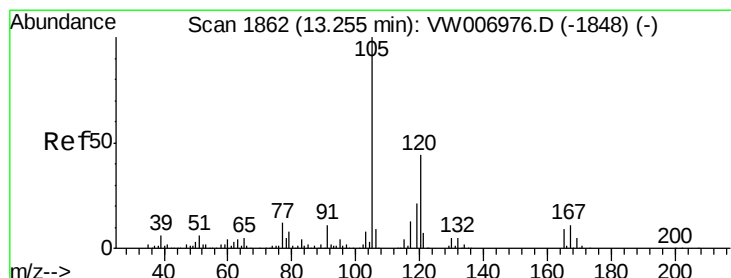
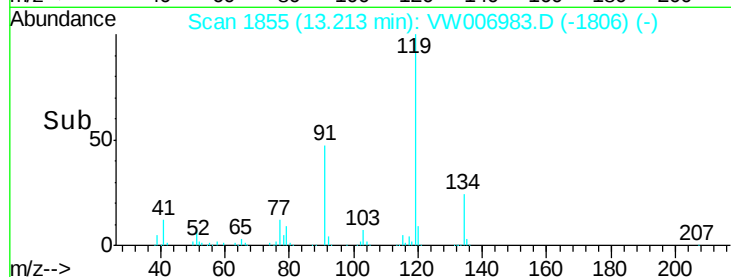
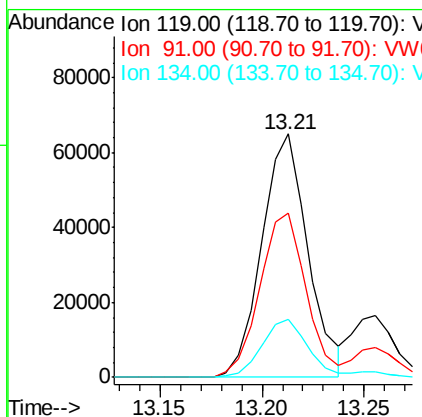
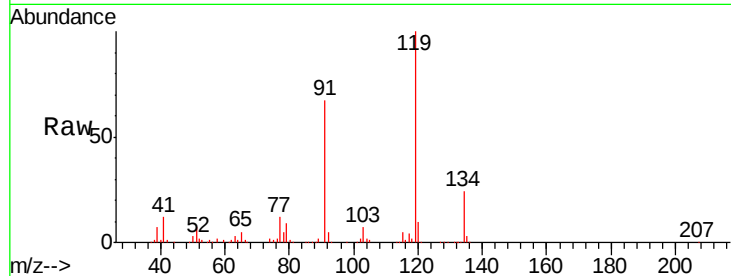
#83
 tert-Butylbenzene
 Concen: 20.28 ug/l
 RT: 13.21 min Scan# 1855
 Delta R.T. 0.00 min
 Lab File: VW006983.D
 Acq: 20 Nov 2018 19:15

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1121SBSD01

Tgt Ion	Ratio	Lower	Upper
119	100		
91	67.4	33.5	100.5
134	24.0	12.6	37.8

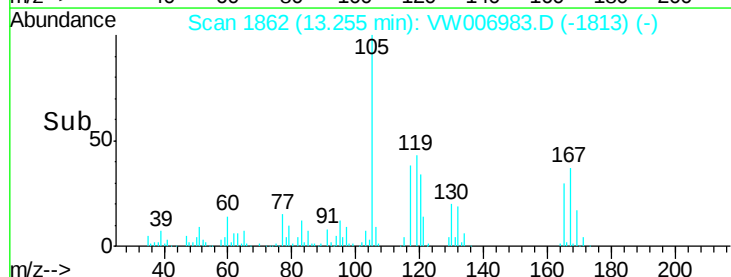
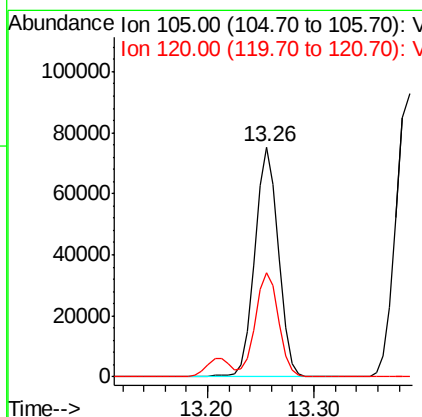
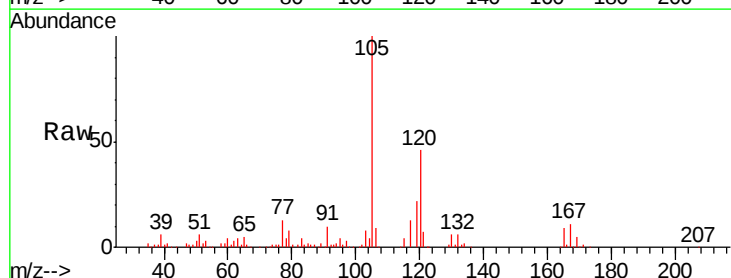
Manual Integrations
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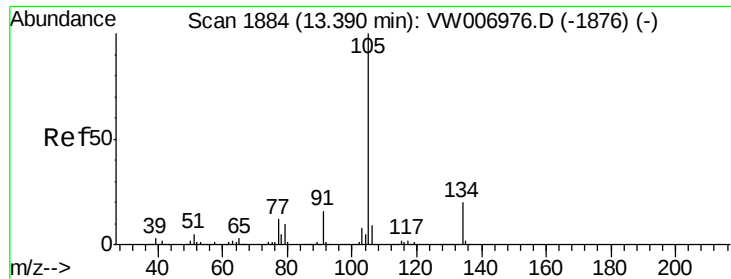
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#84
 1,2,4-Trimethylbenzene
 Concen: 20.10 ug/l
 RT: 13.26 min Scan# 1862
 Delta R.T. 0.00 min
 Lab File: VW006983.D
 Acq: 20 Nov 2018 19:15

Tgt Ion	Ratio	Lower	Upper
105	100		
120	44.9	21.8	65.3





#85

sec-Butylbenzene

Concen: 20.19 ug/l

RT: 13.39 min Scan# 1884

Delta R.T. 0.00 min

Lab File: VW006983.D

Acq: 20 Nov 2018 19:15

Instrument :

MSVOA_W

ClientSampleId :

VW1121SBS01

Tgt Ion:105 Resp: 144291

Ion Ratio Lower Upper

105 100

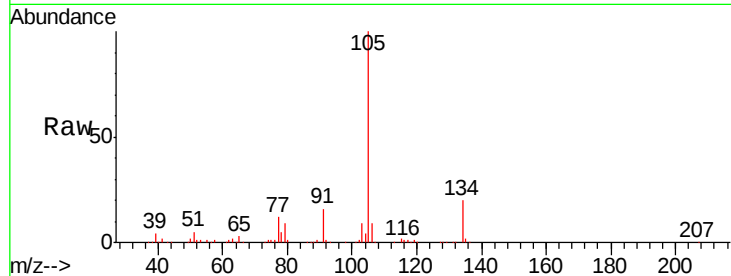
134 19.6 9.8 29.3

Manual Integrations

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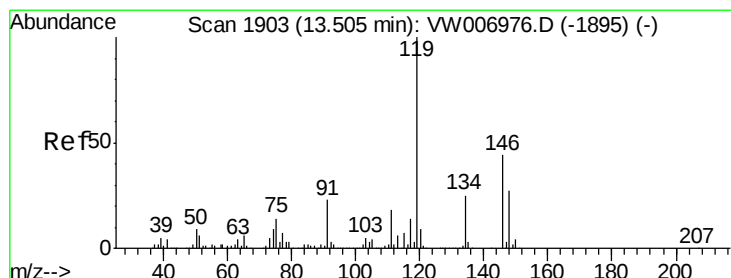
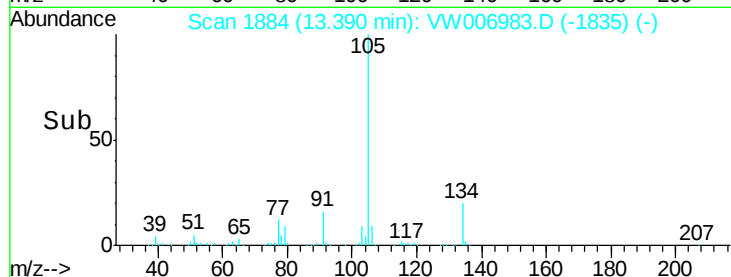
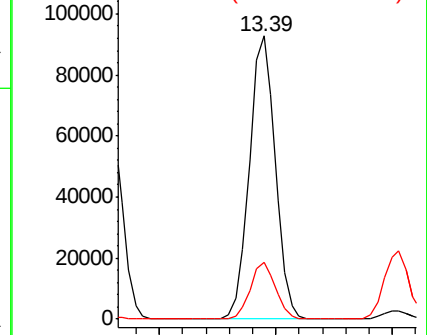
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 20.21 ug/l

RT: 13.51 min Scan# 1903

Delta R.T. 0.00 min

Lab File: VW006983.D

Acq: 20 Nov 2018 19:15

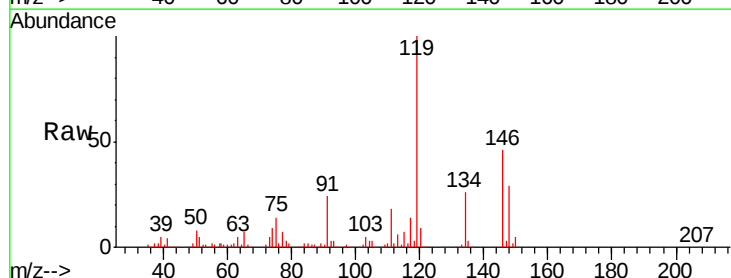
Tgt Ion:119 Resp: 127426

Ion Ratio Lower Upper

119 100

134 26.1 12.8 38.3

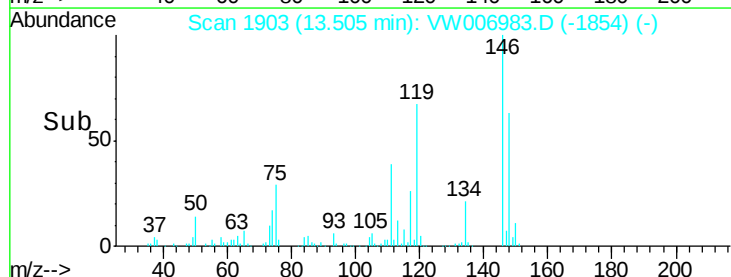
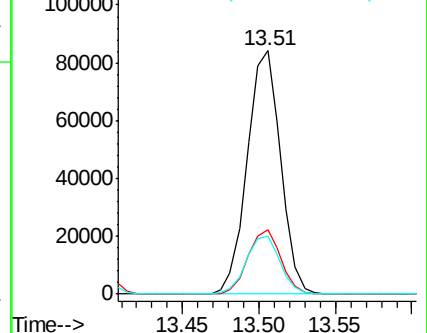
91 24.4 12.2 36.6

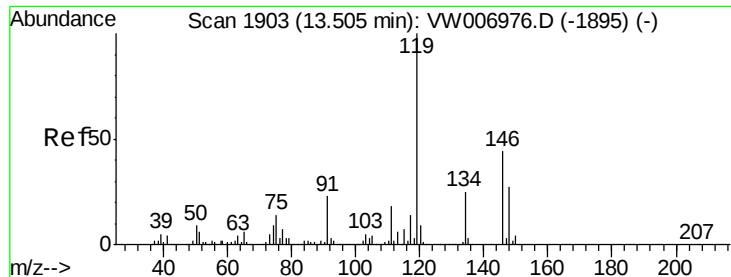


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V





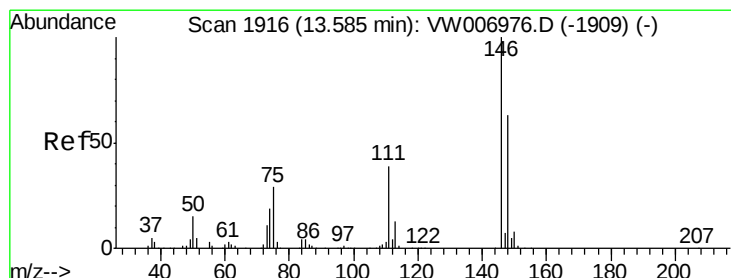
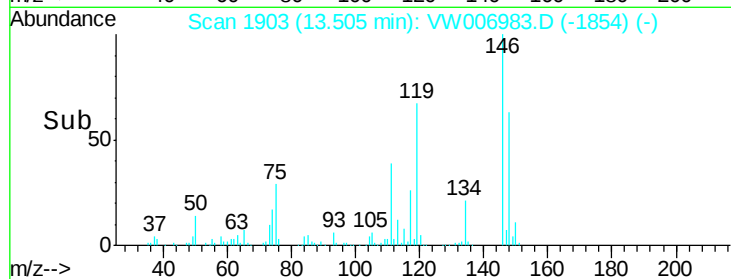
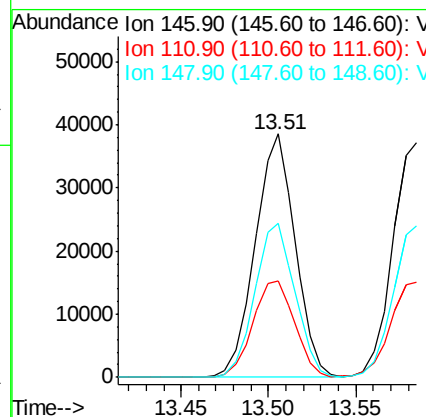
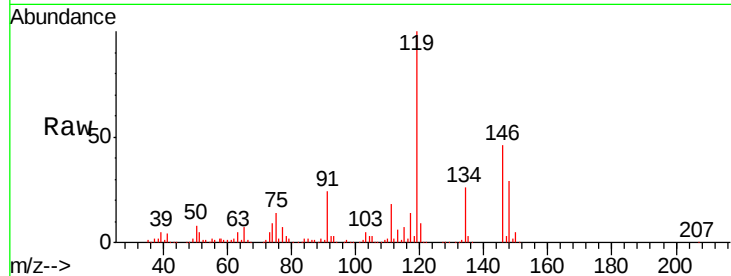
#87
 1,3-Dichlorobenzene
 Concen: 20.56 ug/l
 RT: 13.51 min Scan# 1903
 Delta R.T. 0.00 min
 Lab File: VW006983.D
 Acq: 20 Nov 2018 19:15

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1121SBSD01

Tgt Ion	Ratio	Lower	Upper
146	100		
111	41.7	21.1	63.3
148	63.9	31.6	94.8

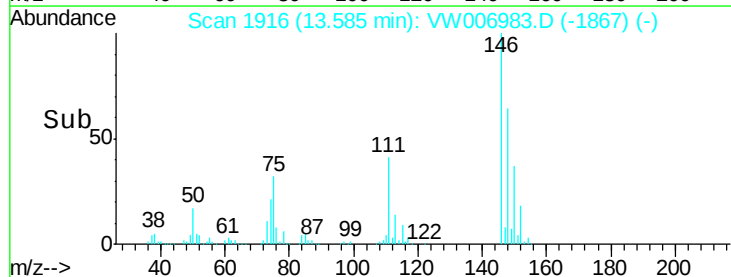
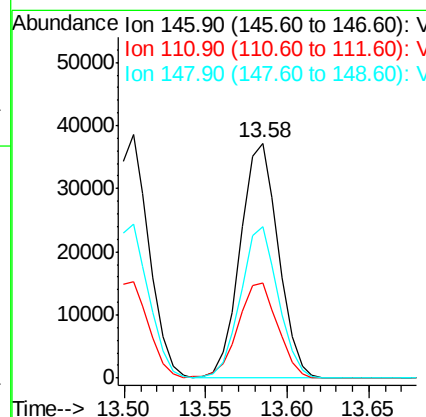
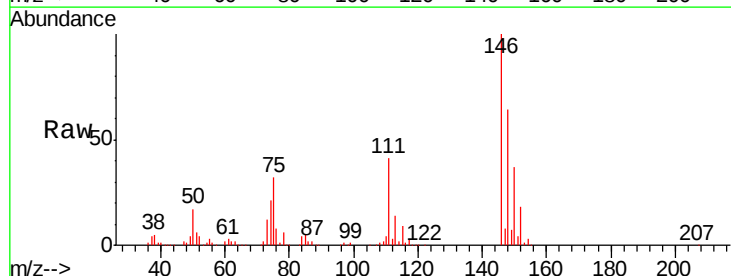
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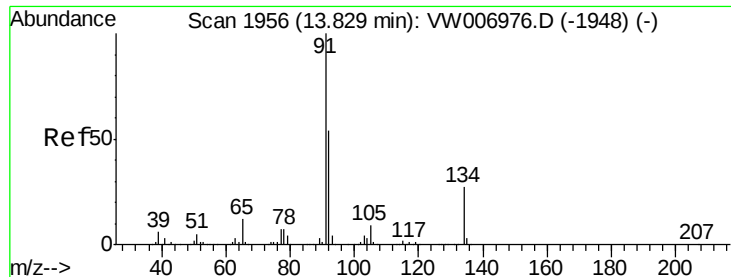
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#88
 1,4-Dichlorobenzene
 Concen: 20.48 ug/l
 RT: 13.58 min Scan# 1916
 Delta R.T. 0.00 min
 Lab File: VW006983.D
 Acq: 20 Nov 2018 19:15

Tgt Ion	Ratio	Lower	Upper
146	100		
111	42.3	20.6	61.8
148	63.4	32.3	96.8





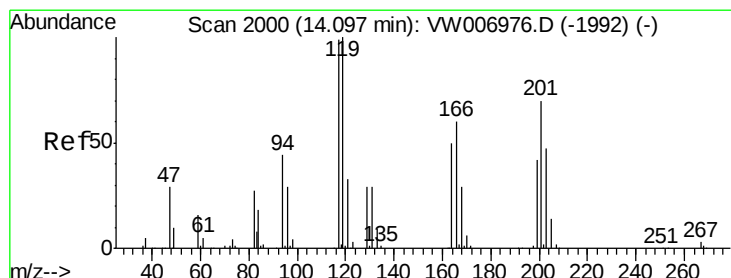
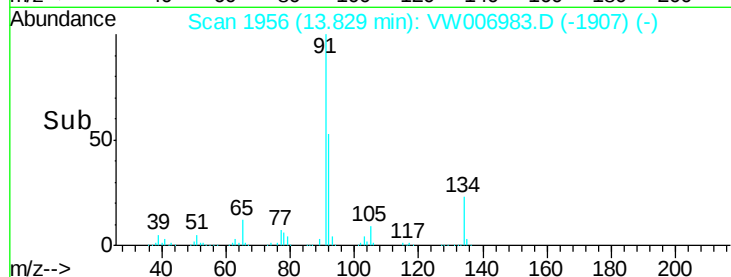
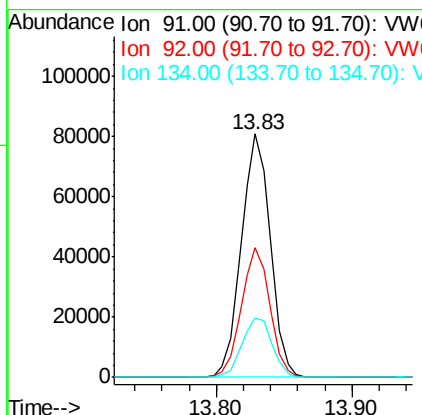
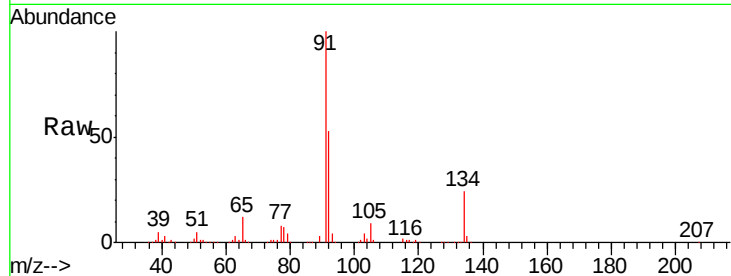
#89
n-Butylbenzene
Concen: 20.26 ug/l
RT: 13.83 min Scan# 1956
Delta R.T. 0.00 min
Lab File: VW006983.D
Acq: 20 Nov 2018 19:15

Instrument :
MSVOA_W
ClientSampleId :
VW1121SBSD01

Tgt Ion	Ratio	Lower	Upper
91	100		
92	52.3	26.8	80.4
134	25.4	13.3	39.8

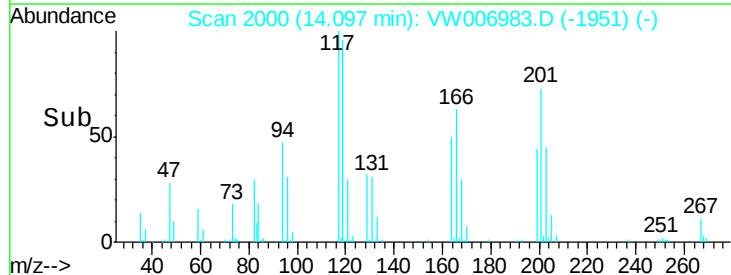
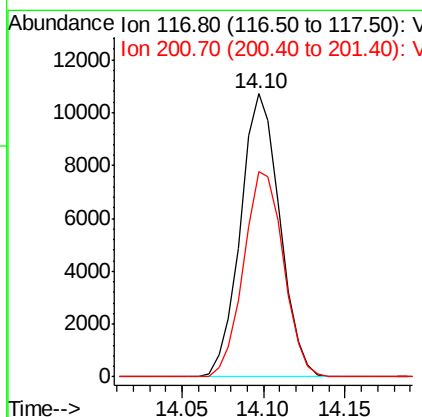
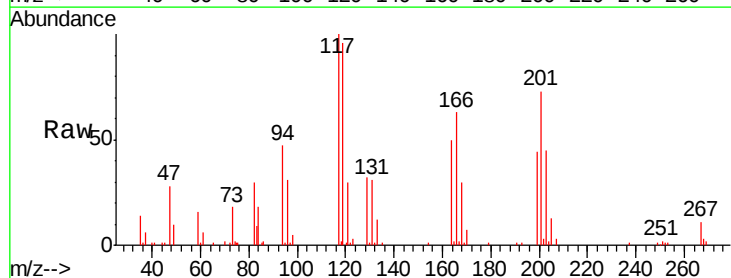
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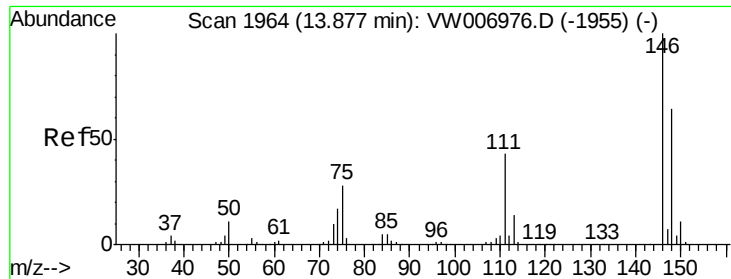
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#90
Hexachloroethane
Concen: 19.57 ug/l
RT: 14.10 min Scan# 2000
Delta R.T. 0.00 min
Lab File: VW006983.D
Acq: 20 Nov 2018 19:15

Tgt Ion	Ratio	Lower	Upper
117	100		
201	73.6	35.9	107.5





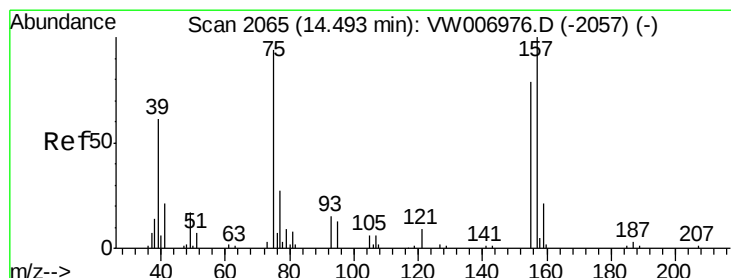
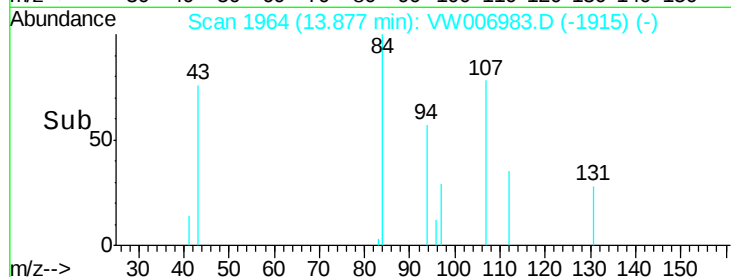
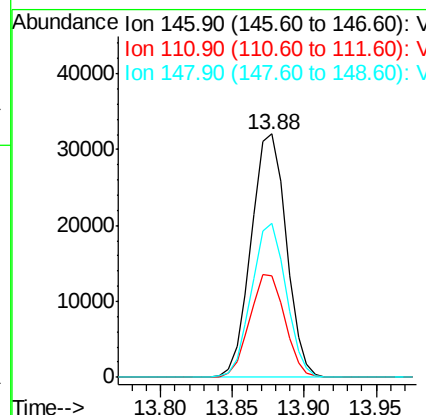
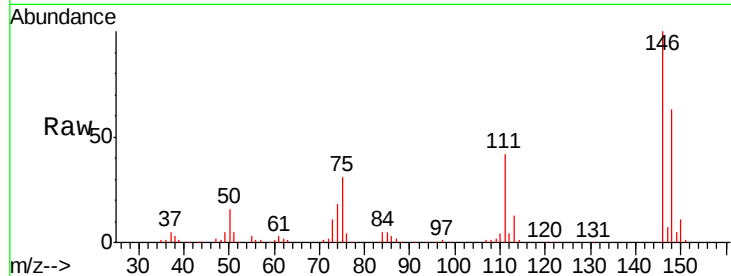
#91
 1,2-Dichlorobenzene
 Concen: 20.85 ug/l
 RT: 13.88 min Scan# 1964
 Delta R.T. 0.00 min
 Lab File: VW006983.D
 Acq: 20 Nov 2018 19:15

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1121SBS01

Tgt Ion	Ratio	Lower	Upper
146	100		
111	42.4	21.9	65.7
148	62.0	32.2	96.6

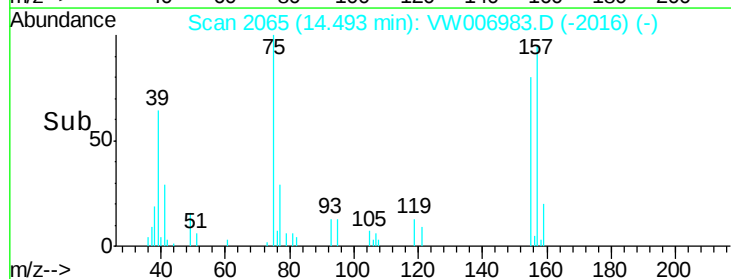
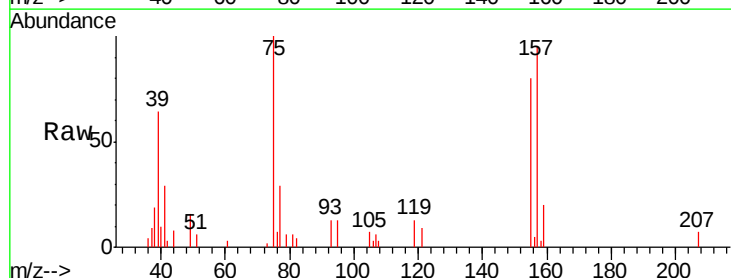
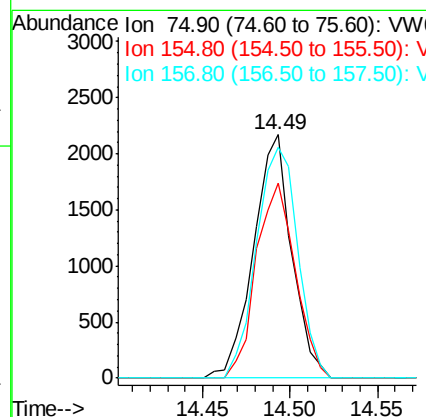
Manual Integrations
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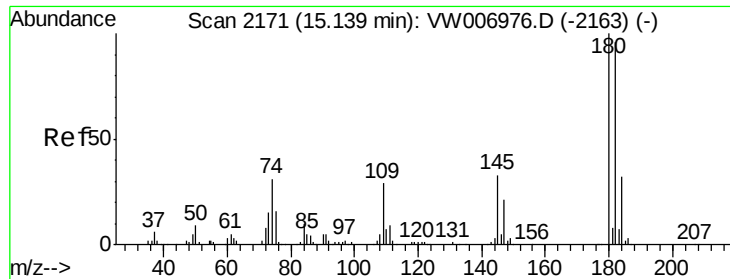
MMDadoda
 11/21/2018 11:32:37 AM



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 21.77 ug/l
 RT: 14.49 min Scan# 2065
 Delta R.T. 0.00 min
 Lab File: VW006983.D
 Acq: 20 Nov 2018 19:15

Tgt Ion	Ratio	Lower	Upper
75	100		
155	81.5	42.6	127.8
157	102.1	55.0	165.0





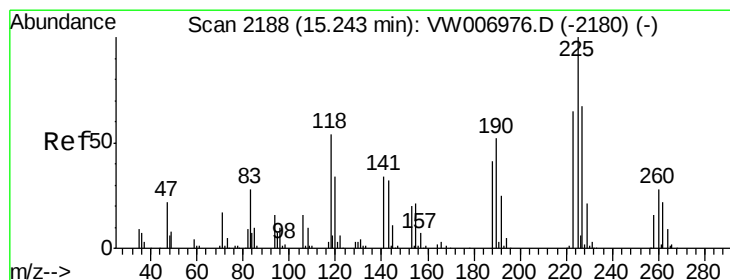
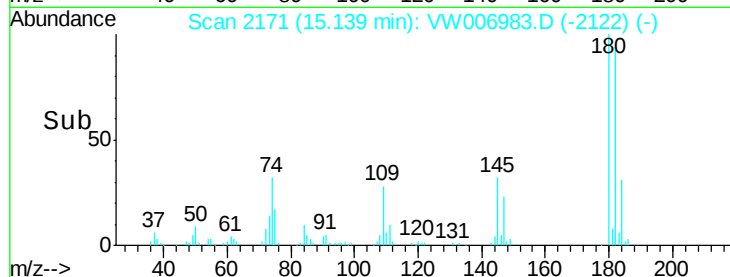
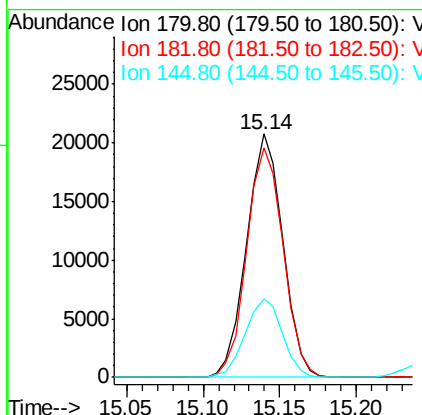
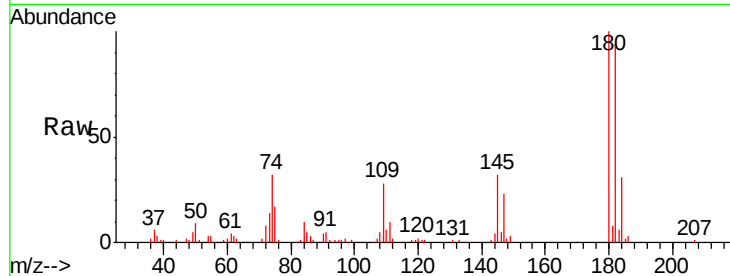
#93
 1,2,4-Trichlorobenzene
 Concen: 20.01 ug/l
 RT: 15.14 min Scan# 2171
 Delta R.T. 0.00 min
 Lab File: VW006983.D
 Acq: 20 Nov 2018 19:15

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1121SBSD01

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	34252		
182	94.8	47.1	141.3	
145	33.0	16.5	49.5	

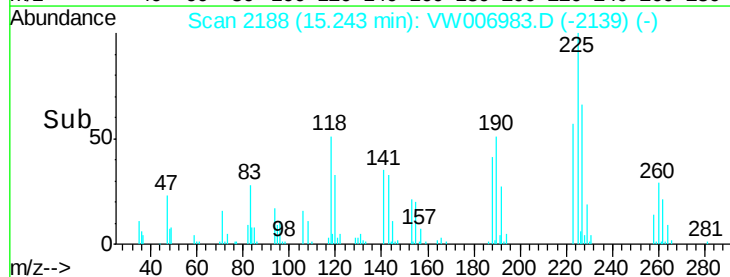
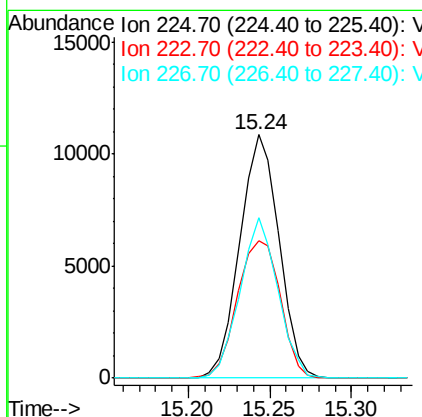
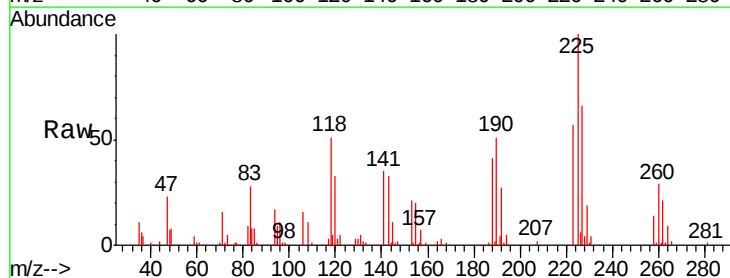
Manual Integrations
 APPROVED

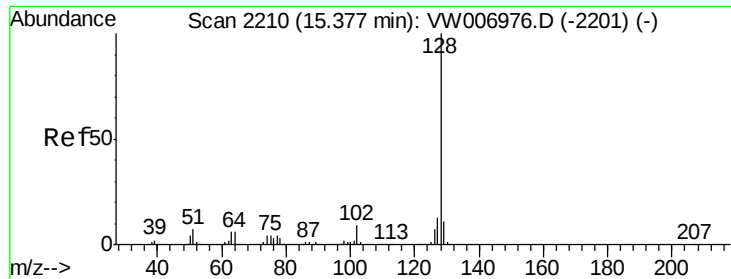
MMDadoda
 11/21/2018 11:32:37 AM



#94
 Hexachlorobutadiene
 Concen: 19.62 ug/l
 RT: 15.24 min Scan# 2188
 Delta R.T. 0.00 min
 Lab File: VW006983.D
 Acq: 20 Nov 2018 19:15

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	18258		
223	61.7	32.4	97.0	
227	63.5	31.9	95.5	





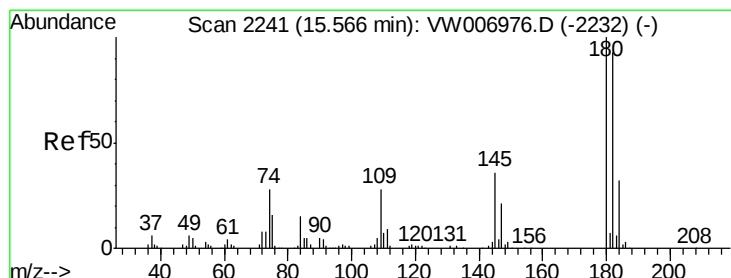
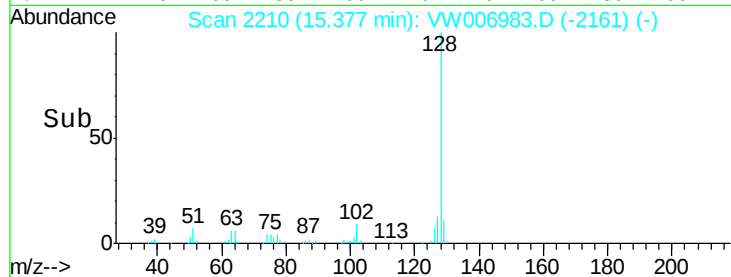
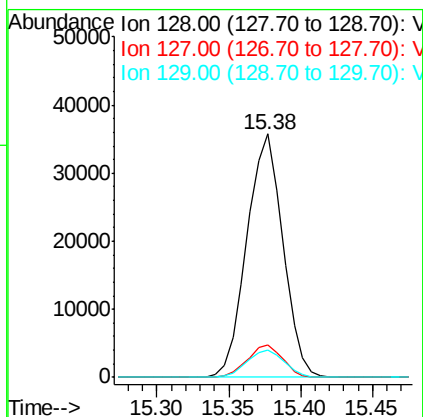
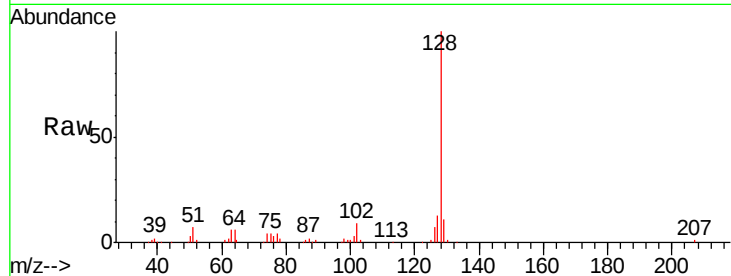
#95
Naphthalene
Concen: 19.91 ug/l
RT: 15.38 min Scan# 2210
Delta R.T. 0.00 min
Lab File: VW006983.D
Acq: 20 Nov 2018 19:15

Instrument :
MSVOA_W
ClientSampleId :
VW1121SBS01

Tgt Ion	Ratio	Resp	Lower	Upper
128	100	61883		
127	13.2	10.5	15.7	
129	11.6	8.7	13.1	

Manual Integrations
APPROVED

MMDadoda
11/21/2018 11:32:37 AM



#96
1,2,3-Trichlorobenzene
Concen: 20.25 ug/l
RT: 15.57 min Scan# 2241
Delta R.T. 0.00 min
Lab File: VW006983.D
Acq: 20 Nov 2018 19:15

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	28763		
182	94.6	47.0	141.2	
145	35.9	18.0	54.0	

