

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW111218\
 Data File : VW006814.D
 Acq On : 12 Nov 2018 18:39
 Operator : SY/AP
 Sample : VW1112SBS01
 Misc : 5.00G/5ML/MSVOA_W/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1112SBS01

Manual Integrations
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 11/13/2018 11:53:58 AM

Quant Time: Nov 13 03:04:17 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W111218S.M
 Quant Title : SW846 8260
 QLast Update : Mon Nov 12 14:58:58 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	312806	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	417491	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	399674	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	228453	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	106972	46.78	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.56%	
35) Dibromofluoromethane	7.89	113	112094	45.09	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.18%	
50) Toluene-d8	10.33	98	461004	44.74	ug/l	0.00
Spiked Amount	50.000		Recovery	=	89.48%	
62) 4-Bromofluorobenzene	12.62	95	170372	44.89	ug/l	0.00
Spiked Amount	50.000		Recovery	=	89.78%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.00	85	56903	22.035	ug/l	99
3) Chloromethane	2.21	50	62827	21.580	ug/l	100
4) Vinyl Chloride	2.36	62	66178	21.176	ug/l	99
5) Bromomethane	2.77	94	43522	20.700	ug/l	93
6) Chloroethane	2.92	64	40999	20.331	ug/l	97
7) Trichlorofluoromethane	3.26	101	85398	20.702	ug/l	96
8) Diethyl Ether	3.69	74	25266	20.873	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	4.07	101	57607	20.595	ug/l	99
10) Methyl Iodide	4.28	142	71537	18.248	ug/l	99
11) Tert butyl alcohol	5.21	59	15638	104.181	ug/l	98
12) 1,1-Dichloroethene	4.04	96	47684	20.182	ug/l	98
13) Acrolein	3.90	56	18384	117.103	ug/l	100
14) Allyl chloride	4.67	41	62344	20.061	ug/l	99
15) Acrylonitrile	5.38	53	47482	103.576	ug/l	99
16) Acetone	4.14	43	32889	100.148	ug/l	98
17) Carbon Disulfide	4.39	76	149313	19.983	ug/l	99
18) Methyl Acetate	4.68	43	22314	19.864	ug/l	99
19) Methyl tert-butyl Ether	5.43	73	120607	21.501	ug/l	95
20) Methylene Chloride	4.92	84	64302	18.202	ug/l	98
21) trans-1,2-Dichloroethene	5.43	96	56973	20.446	ug/l	96
22) Diisopropyl ether	6.32	45	134287	20.807	ug/l	98
23) Vinyl Acetate	6.26	43	395971	108.831	ug/l	99
24) 1,1-Dichloroethane	6.22	63	86526	20.215	ug/l	99
25) 2-Butanone	7.18	43	58826	105.920	ug/l	98
26) 2,2-Dichloropropane	7.17	77	86873	20.171	ug/l	98
27) cis-1,2-Dichloroethene	7.17	96	60781	20.460	ug/l	98
28) Bromochloromethane	7.52	49	30357	20.275	ug/l	100
29) Tetrahydrofuran	7.54	42	36816	103.584	ug/l	98
30) Chloroform	7.68	83	94925	20.311	ug/l	100
31) Cyclohexane	7.96	56	93843	21.418	ug/l	96
32) 1,1,1-Trichloroethane	7.88	97	95476	21.164	ug/l	100
36) 1,1-Dichloropropene	8.09	75	83979	21.495	ug/l	98
37) Ethyl Acetate	7.26	43	27863	21.810	ug/l	100
38) Carbon Tetrachloride	8.07	117	88173	20.765	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	101790	20.082	ug/l	99
40) Benzene	8.33	78	222673	20.497	ug/l	98
41) Methacrylonitrile	7.49	41	16653	21.230	ug/l	98
42) 1,2-Dichloroethane	8.40	62	60547	20.802	ug/l	100
43) Isopropyl Acetate	8.43	43	52293	21.047	ug/l	99
44) Trichloroethene	9.10	130	71377	20.822	ug/l	94
45) 1,2-Dichloropropane	9.37	63	53378	21.081	ug/l	96
46) Dibromomethane	9.46	93	28532	20.244	ug/l	98
47) Bromodichloromethane	9.65	83	74143	21.209	ug/l	99
48) Methyl methacrylate	9.44	41	23580	19.357	ug/l	98
49) 1,4-Dioxane	9.47	88	8251	387.485	ug/l #	96
51) 4-Methyl-2-Pentanone	10.21	43	128015	102.753	ug/l	98
52) Toluene	10.39	92	151699	19.697	ug/l	100
53) t-1,3-Dichloropropene	10.61	75	69747	20.266	ug/l	97
54) cis-1,3-Dichloropropene	10.07	75	84450	20.694	ug/l	98
55) 1,1,2-Trichloroethane	10.79	97	43248	20.679	ug/l	98
56) Ethyl methacrylate	10.65	69	45360	19.790	ug/l	97
57) 1,3-Dichloropropane	10.93	76	68967	20.822	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.93	63	123200	107.320	ug/l	99
59) 2-Hexanone	10.98	43	87577	101.912	ug/l	99
60) Dibromochloromethane	11.13	129	51726	20.212	ug/l	99
61) 1,2-Dibromoethane	11.24	107	41094	20.689	ug/l	97
64) Tetrachloroethene	10.87	164	64084	20.008	ug/l	97
65) Chlorobenzene	11.66	112	177843	20.057	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.73	131	58647	20.384	ug/l	100
67) Ethyl Benzene	11.74	91	298886	19.773	ug/l	99
68) m/p-Xylenes	11.84	106	243293	39.338	ug/l	99
69) o-Xylene	12.17	106	112921	19.618	ug/l	98
70) Styrene	12.18	104	180286	19.569	ug/l	99
71) Bromoform	12.35	173	30702	19.553	ug/l #	99
73) Isopropylbenzene	12.47	105	310623	19.588	ug/l	99
74) N-amyl acetate	12.27	43	48433	20.199	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.72	83	45421	20.705	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	34087m	20.704	ug/l	
77) Bromobenzene	12.75	156	79301	19.835	ug/l	100
78) n-propylbenzene	12.81	91	370107	19.775	ug/l	100
79) 2-Chlorotoluene	12.90	91	206776	19.692	ug/l	99
80) 1,3,5-Trimethylbenzene	12.95	105	268968	19.730	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.52	75	13119	19.710	ug/l	98
82) 4-Chlorotoluene	12.99	91	220749	19.704	ug/l	100
83) tert-Butylbenzene	13.21	119	235082	19.509	ug/l	99
84) 1,2,4-Trimethylbenzene	13.26	105	273883	19.742	ug/l	99
85) sec-Butylbenzene	13.39	105	334514	19.590	ug/l	100
86) p-Isopropyltoluene	13.51	119	307019	19.767	ug/l	99
87) 1,3-Dichlorobenzene	13.51	146	160535	19.702	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	160695	19.933	ug/l	99
89) n-Butylbenzene	13.83	91	279842	19.715	ug/l	99
90) Hexachloroethane	14.10	117	47365	19.058	ug/l	99
91) 1,2-Dichlorobenzene	13.88	146	141349	19.919	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	7064	20.114	ug/l	95

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ClientSampleId :
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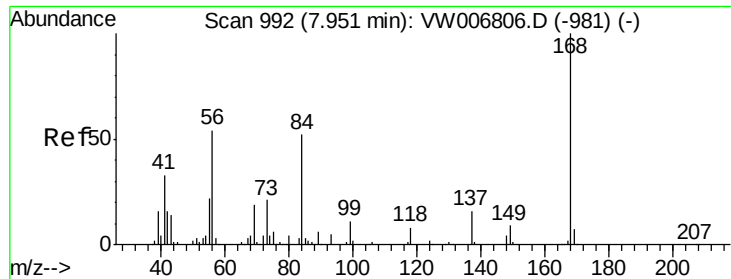
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.14	180	106053	19.795	ug/l	99
94) Hexachlorobutadiene	15.24	225	66571	19.610	ug/l	98
95) Naphthalene	15.38	128	156326	19.510	ug/l	99
96) 1,2,3-Trichlorobenzene	15.57	180	89552	19.478	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 992

Delta R.T. 0.00 min

Lab File: VW006814.D

Acq: 12 Nov 2018 18:39

Instrument :

MSVOA_W

ClientSampleId :

VW1112SBSD01

Tgt Ion:168 Resp: 312806

Ion Ratio Lower Upper

168 100

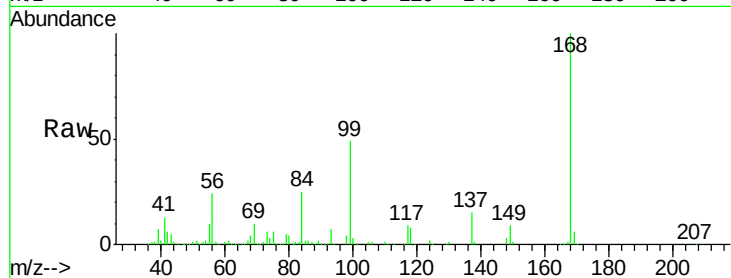
99 48.6 37.3 55.9

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Abundance Ion 167.90 (167.60 to 168.60): VW

Ion 98.90 (98.60 to 99.60): VW

7.95

150000

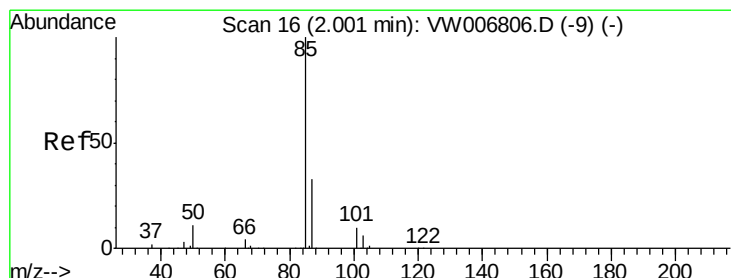
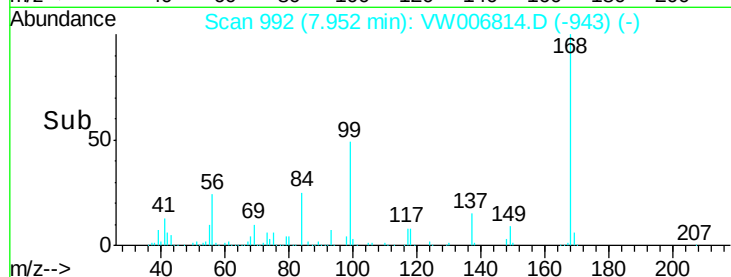
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50000

0

7.90 8.00 8.10

Time-->



#2

Dichlorodifluoromethane

Concen: 22.035 ug/l

RT: 2.00 min Scan# 16

Delta R.T. 0.00 min

Lab File: VW006814.D

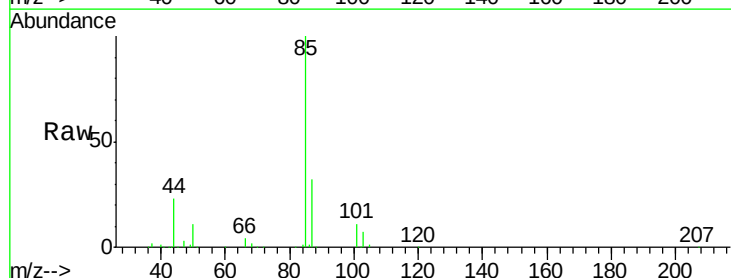
Acq: 12 Nov 2018 18:39

Tgt Ion: 85 Resp: 56903

Ion Ratio Lower Upper

85 100

87 32.5 16.4 49.4



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW

2.00

40000

30000

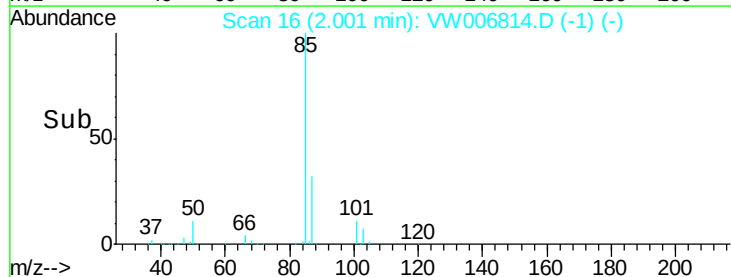
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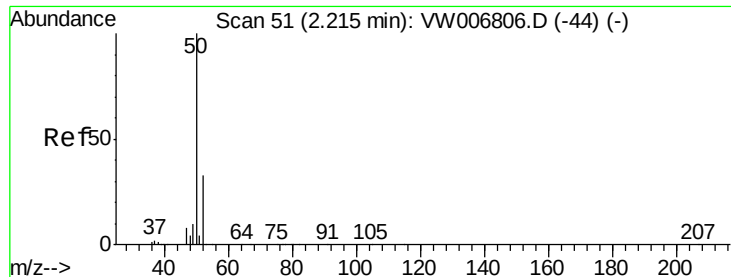
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0

1.90 1.95 2.00 2.05 2.10

Time-->





#3

Chloromethane

Concen: 21.580 ug/l

RT: 2.21 min Scan# 51

Delta R.T. 0.00 min

Lab File: VW006814.D

Acq: 12 Nov 2018 18:39

Instrument :

MSVOA_W

ClientSampleId :

VW1112SBSD01

Tgt Ion: 50 Resp: 62827

Ion Ratio Lower Upper

50 100

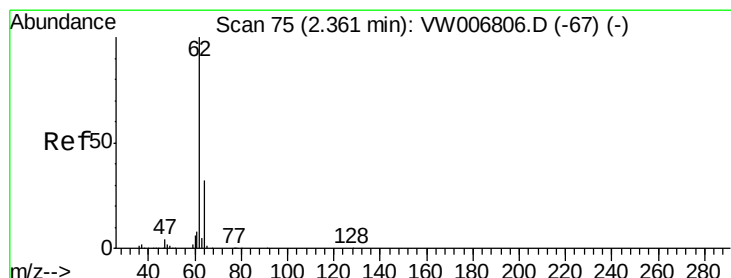
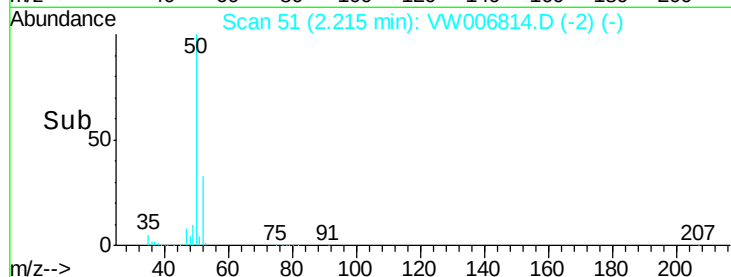
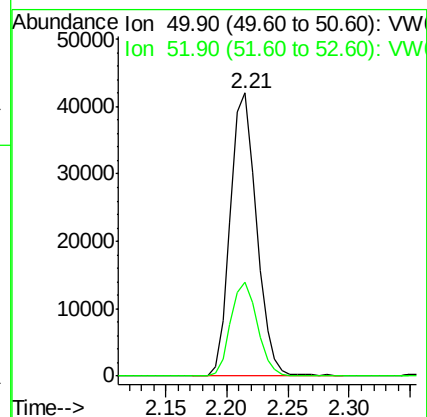
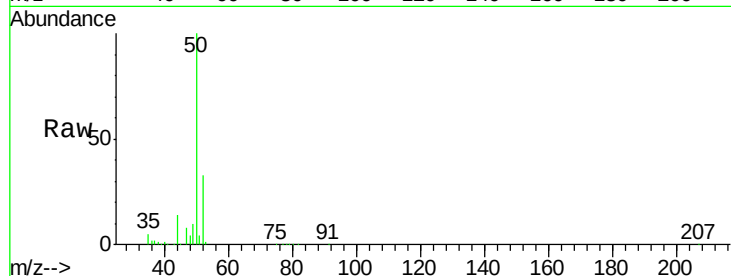
52 33.0 26.2 39.4

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#4

Vinyl Chloride

Concen: 21.176 ug/l

RT: 2.36 min Scan# 75

Delta R.T. 0.00 min

Lab File: VW006814.D

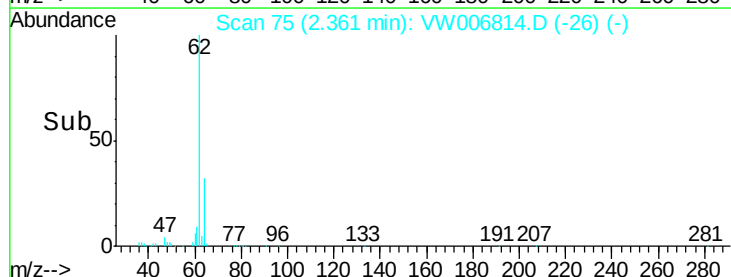
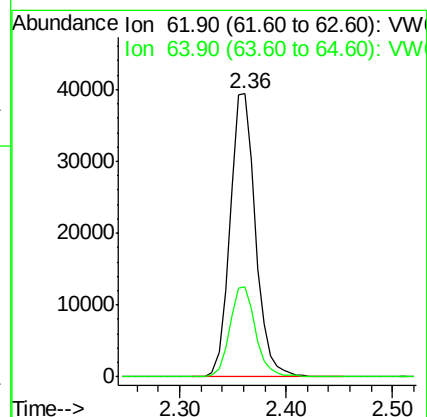
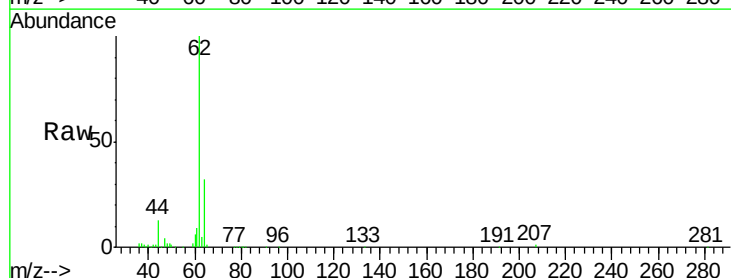
Acq: 12 Nov 2018 18:39

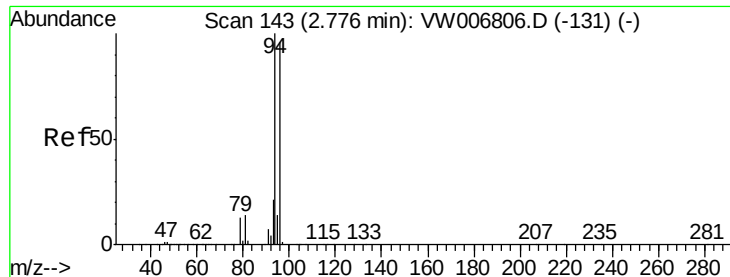
Tgt Ion: 62 Resp: 66178

Ion Ratio Lower Upper

62 100

64 31.6 25.6 38.4





#5

Bromomethane

Concen: 20.700 ug/l

RT: 2.77 min Scan# 142

Delta R.T. -0.01 min

Lab File: VW006814.D

Acq: 12 Nov 2018 18:39

Instrument :

MSVOA_W

ClientSampleId :

VW1112SBSD01

Tgt Ion: 94 Resp: 43522

Ion Ratio Lower Upper

94 100

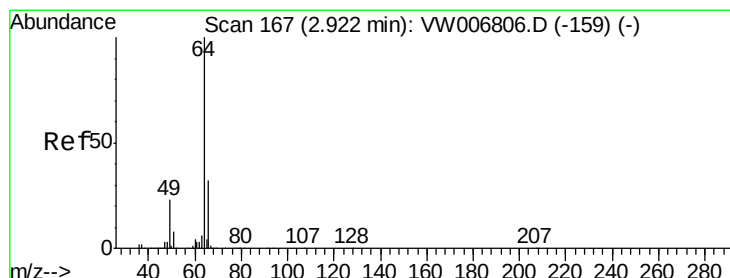
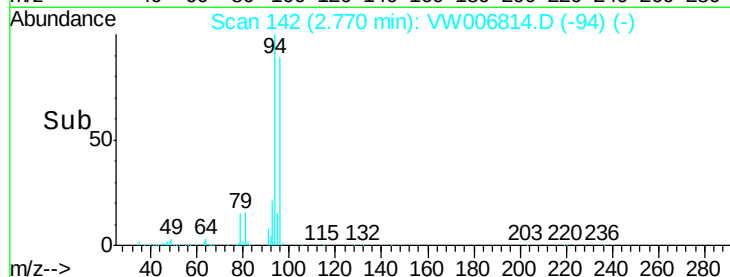
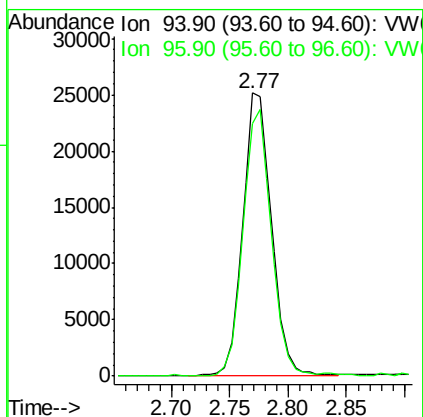
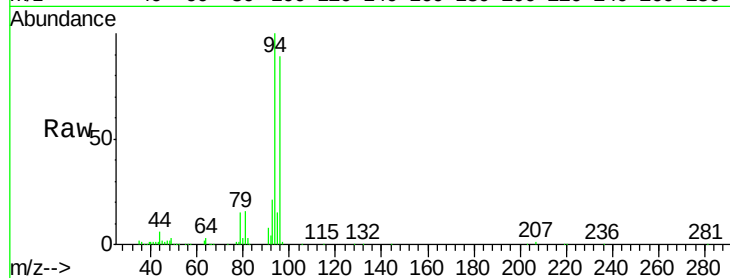
96 89.2 76.8 115.2

Manual Integrations

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#6

Chloroethane

Concen: 20.331 ug/l

RT: 2.92 min Scan# 166

Delta R.T. -0.01 min

Lab File: VW006814.D

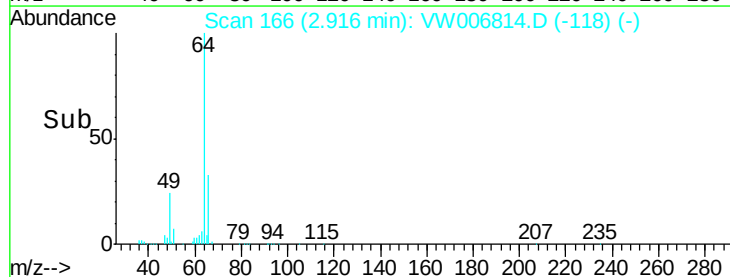
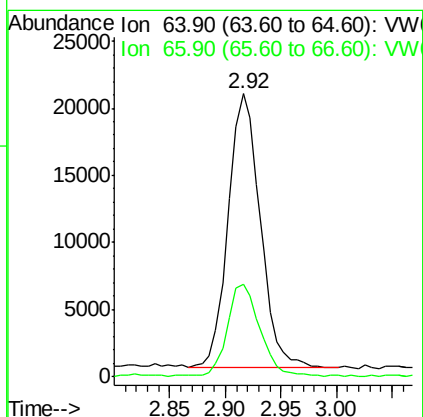
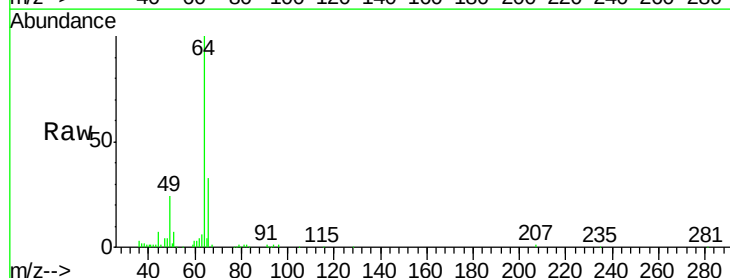
Acq: 12 Nov 2018 18:39

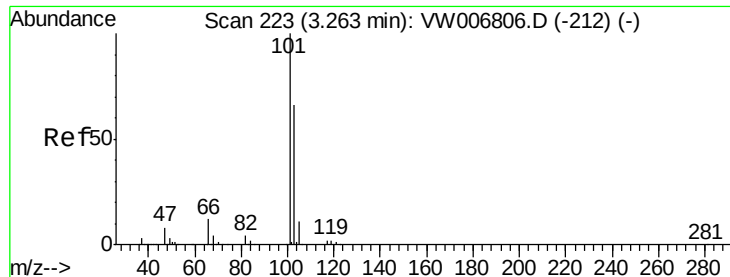
Tgt Ion: 64 Resp: 40999

Ion Ratio Lower Upper

64 100

66 33.4 25.5 38.3





#7

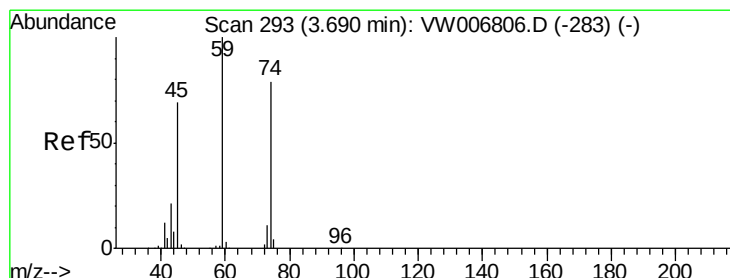
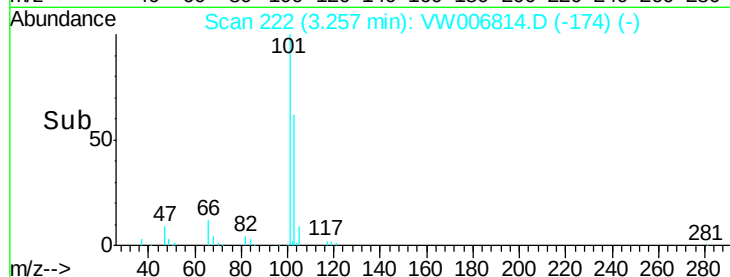
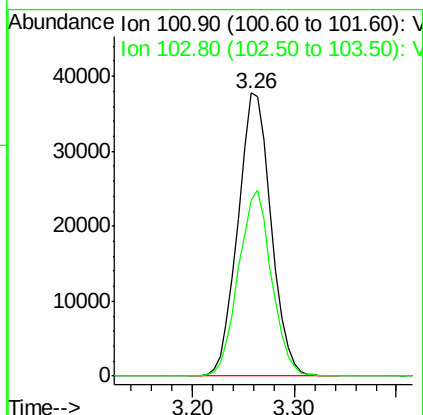
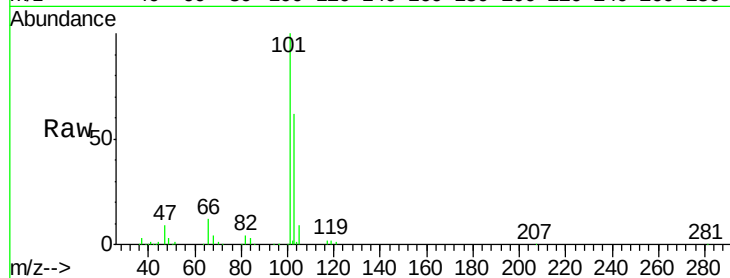
Trichlorofluoromethane
Concen: 20.702 ug/l
RT: 3.26 min Scan# 222
Delta R.T. -0.01 min
Lab File: VW006814.D
Acq: 12 Nov 2018 18:39

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ClientSampleId :
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Tgt Ion	Ratio	Lower	Upper
101	100		
103	62.3	52.6	79.0

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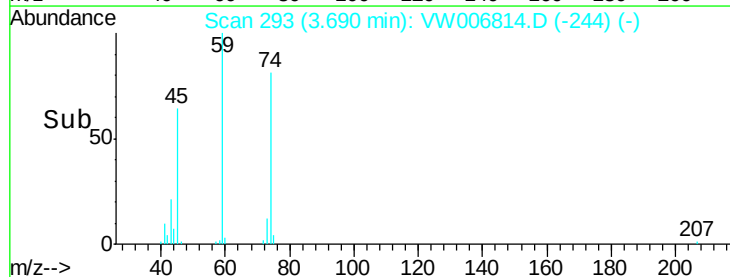
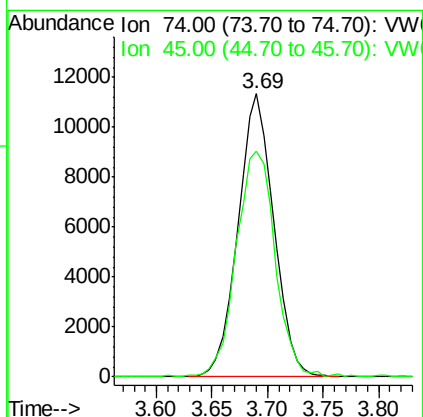
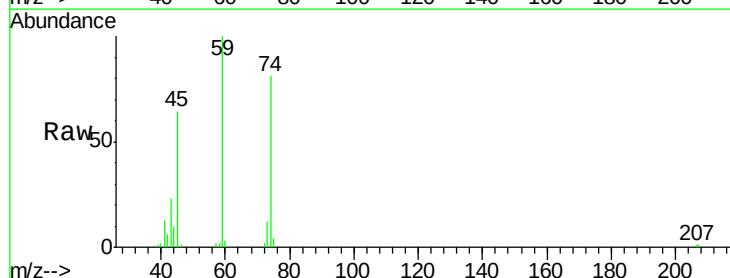
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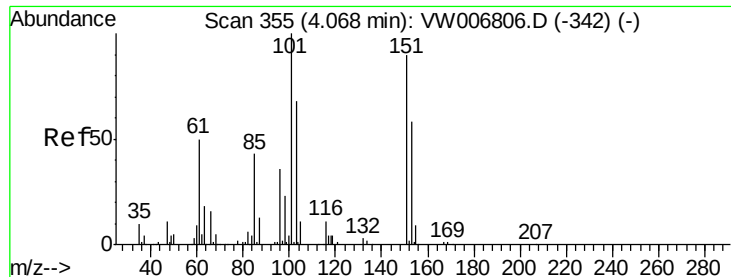


#8

Diethyl Ether
Concen: 20.873 ug/l
RT: 3.69 min Scan# 293
Delta R.T. 0.00 min
Lab File: VW006814.D
Acq: 12 Nov 2018 18:39

Tgt Ion	Ratio	Lower	Upper
74	100		
45	86.9	43.1	129.4





#9

1,1,2-Trichlorotrifluoroethane

Concen: 20.595 ug/l

RT: 4.07 min Scan# 355

Delta R.T. 0.00 min

Lab File: VW006814.D

Acq: 12 Nov 2018 18:39

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MSVOA_W

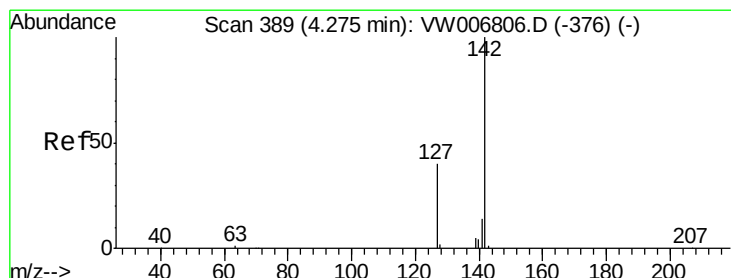
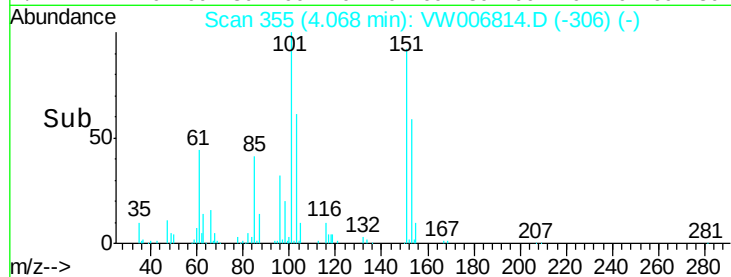
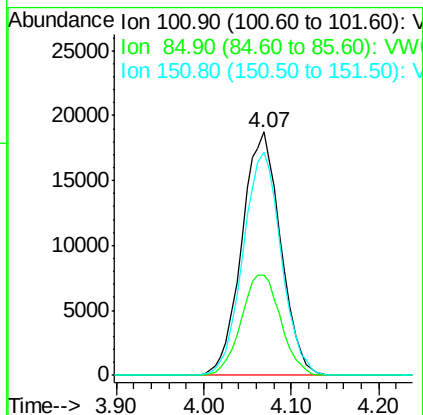
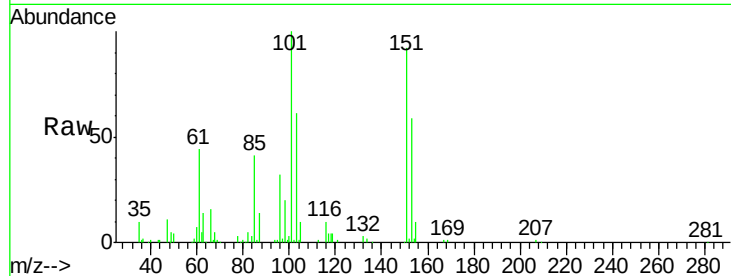
ClientSampleId :

VW1112SBSD01

Tgt Ion:	101	Resp:	57607
Ion Ratio	Lower	Upper	
101	100		
85	42.0	33.8	50.8
151	90.4	71.4	107.0

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#10

Methyl Iodide

Concen: 18.248 ug/l

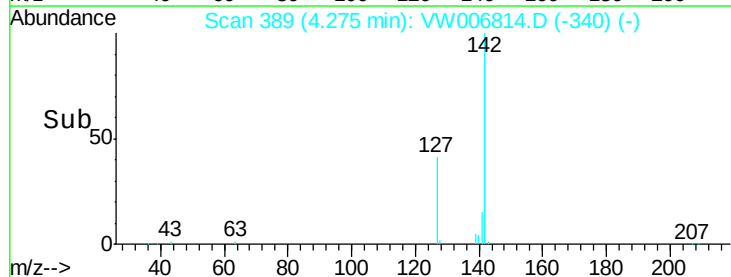
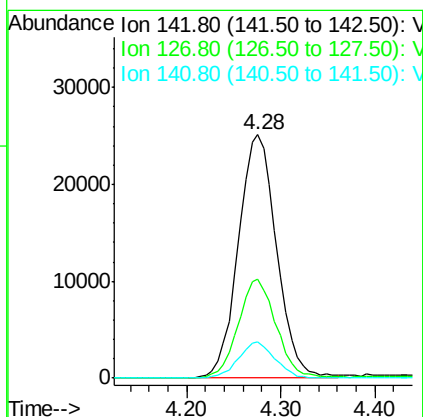
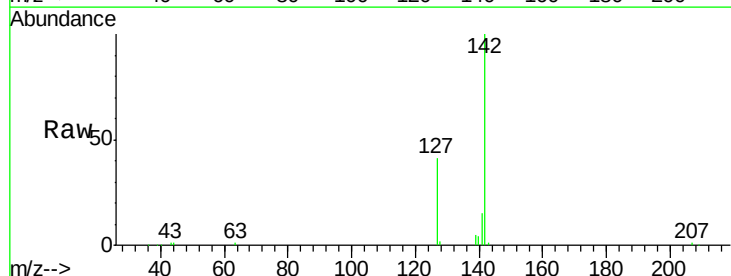
RT: 4.28 min Scan# 389

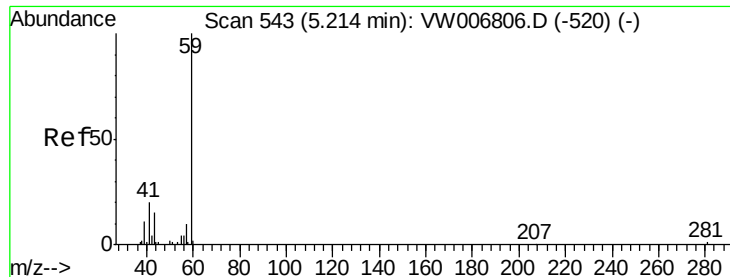
Delta R.T. 0.00 min

Lab File: VW006814.D

Acq: 12 Nov 2018 18:39

Tgt Ion:	142	Resp:	71537
Ion Ratio	Lower	Upper	
142	100		
127	40.3	31.8	47.8
141	14.1	11.5	17.3





#11

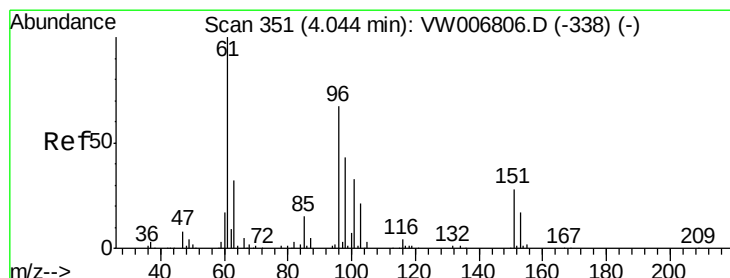
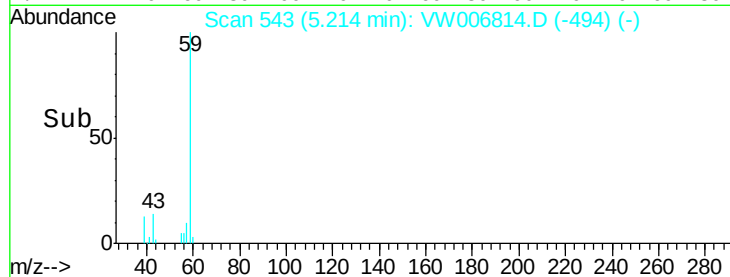
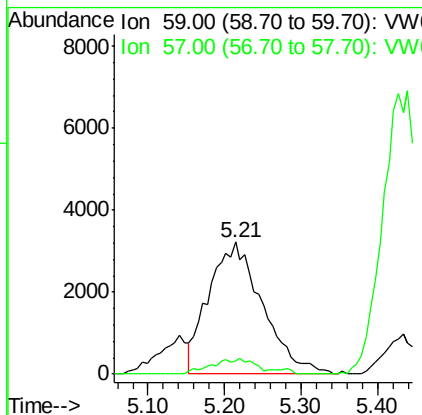
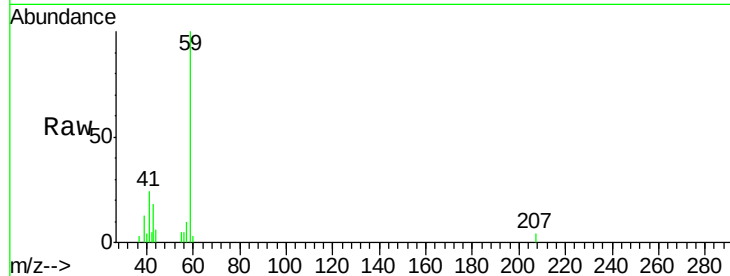
Tert butyl alcohol
Concen: 104.181 ug/l
RT: 5.21 min Scan# 543
Delta R.T. 0.00 min
Lab File: VW006814.D
Acq: 12 Nov 2018 18:39

Instrument :
MSVOA_W
ClientSampleId :
VW1112SBSD01

Tgt Ion	Ratio	Lower	Upper
59	100		
57	9.6	8.3	12.5

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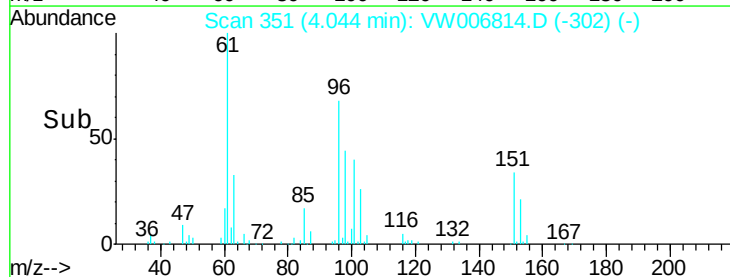
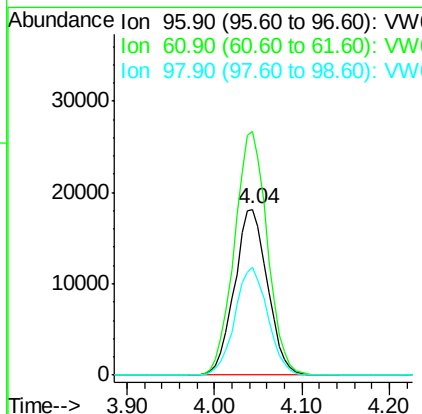
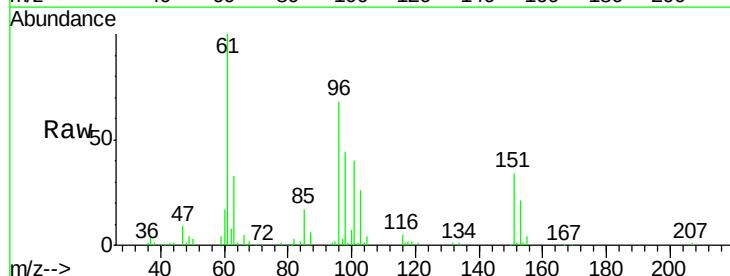
apatel
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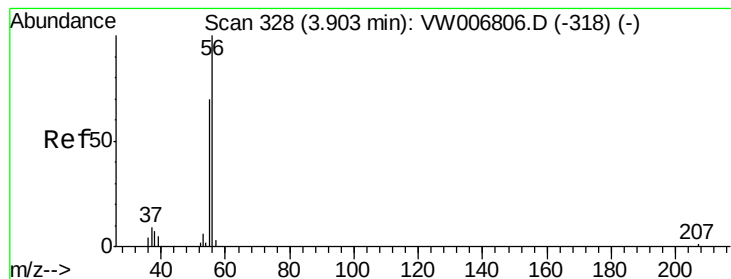


#12

1,1-Dichloroethene
Concen: 20.182 ug/l
RT: 4.04 min Scan# 351
Delta R.T. 0.00 min
Lab File: VW006814.D
Acq: 12 Nov 2018 18:39

Tgt Ion	Ratio	Lower	Upper
96	100		
61	146.9	119.8	179.6
98	65.3	51.5	77.3





#13

Acrolein

Concen: 117.103 ug/l

RT: 3.90 min Scan# 328

Delta R.T. 0.00 min

Lab File: VW006814.D

Acq: 12 Nov 2018 18:39

Instrument :

MSVOA_W

ClientSampleId :

VW1112SBSD01

Tgt Ion: 56 Resp: 18384

Ion Ratio Lower Upper

56 100

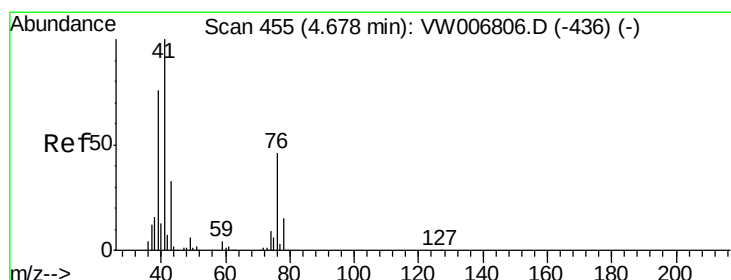
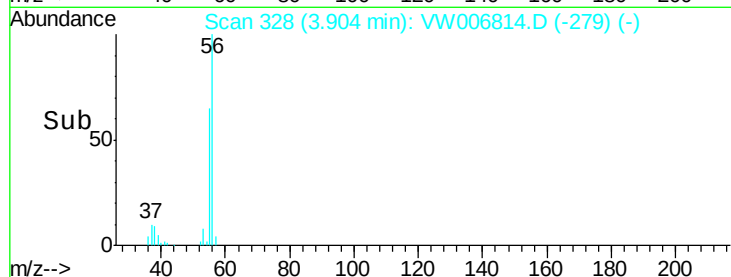
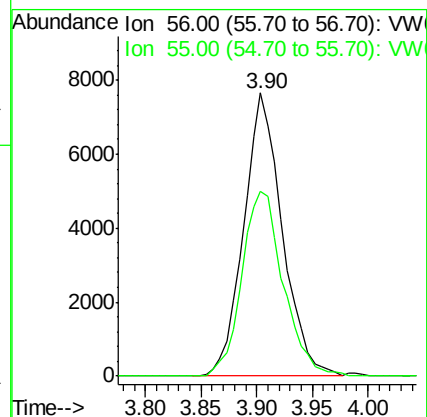
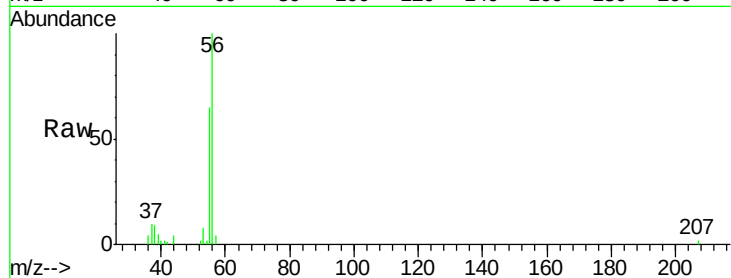
55 70.2 56.1 84.1

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#14

Allyl chloride

Concen: 20.061 ug/l

RT: 4.67 min Scan# 454

Delta R.T. -0.01 min

Lab File: VW006814.D

Acq: 12 Nov 2018 18:39

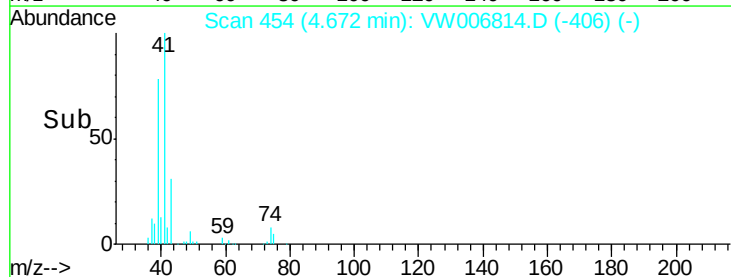
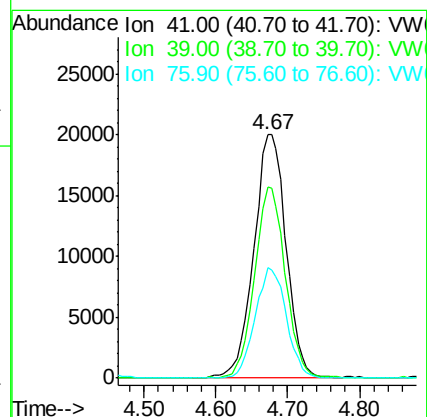
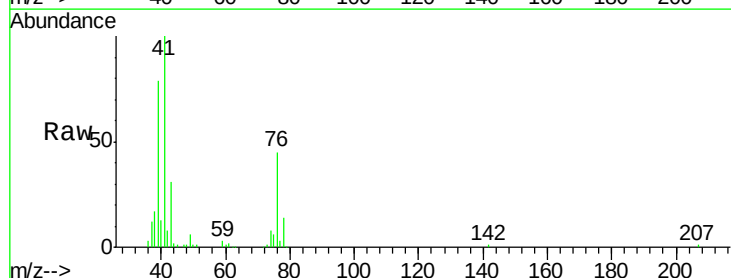
Tgt Ion: 41 Resp: 62344

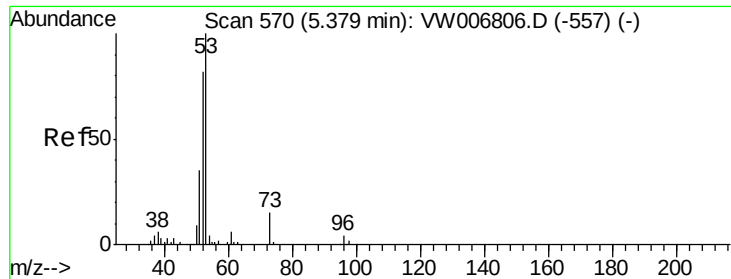
Ion Ratio Lower Upper

41 100

39 74.8 58.9 88.3

76 43.3 34.4 51.6





#15

Acrylonitrile

Concen: 103.576 ug/l

RT: 5.38 min Scan# 571

Delta R.T. 0.01 min

Lab File: VW006814.D

Acq: 12 Nov 2018 18:39

Instrument :

MSVOA_W

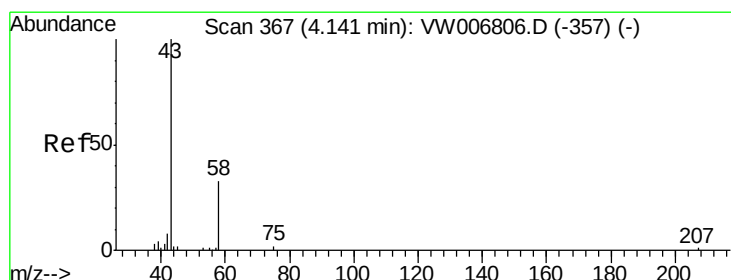
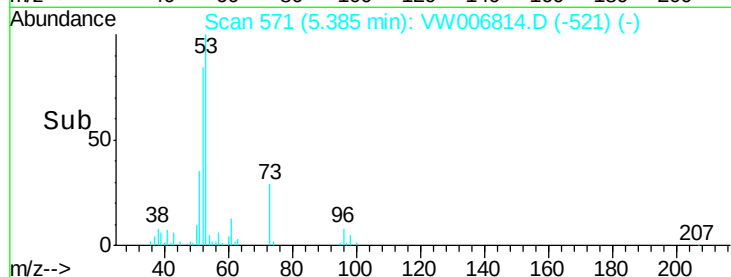
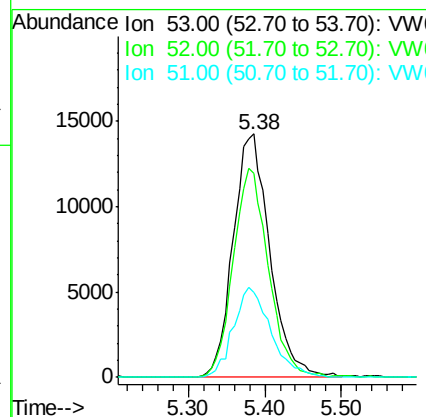
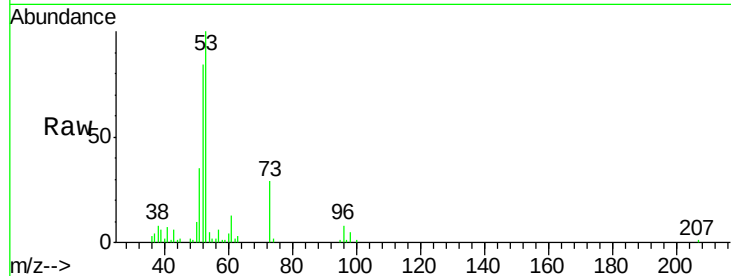
ClientSampleId :

VW1112SBSD01

Tgt Ion:	53	Resp:	47482
Ion	Ratio	Lower	Upper
53	100		
52	82.1	65.2	97.8
51	37.9	30.0	45.0

Manual Integrations
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#16

Acetone

Concen: 100.148 ug/l

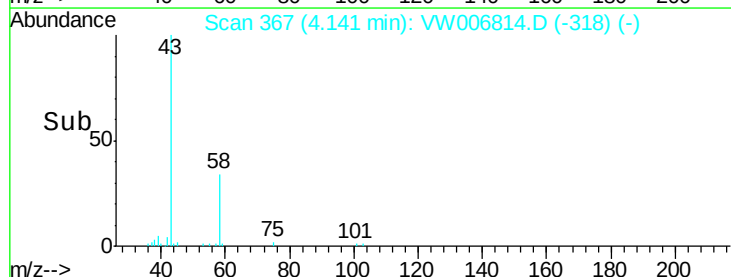
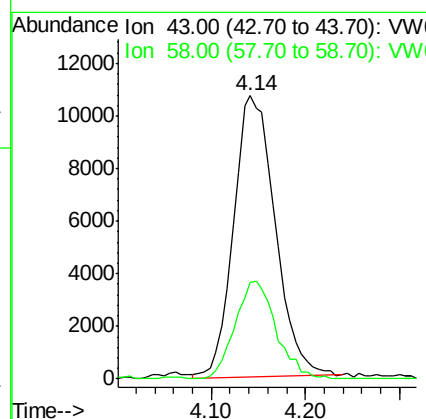
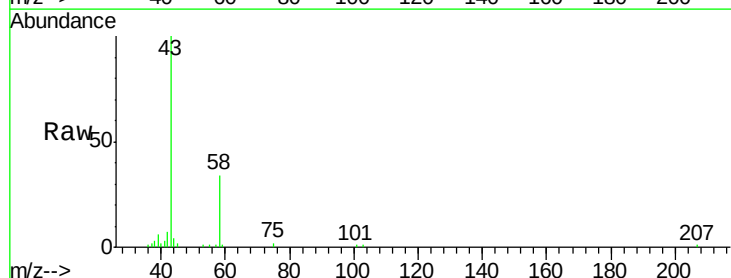
RT: 4.14 min Scan# 367

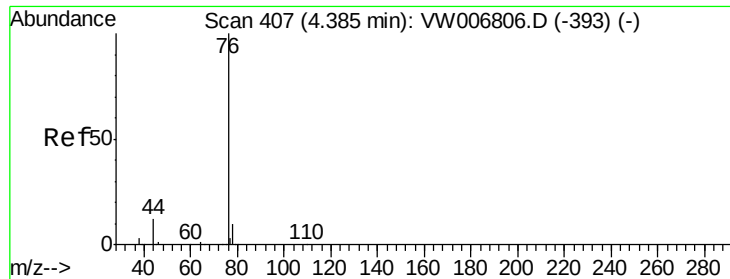
Delta R.T. 0.00 min

Lab File: VW006814.D

Acq: 12 Nov 2018 18:39

Tgt Ion:	43	Resp:	32889
Ion	Ratio	Lower	Upper
43	100		
58	34.4	26.5	39.7





#17

Carbon Disulfide

Concen: 19.983 ug/l

RT: 4.39 min Scan# 407

Delta R.T. 0.00 min

Lab File: VW006814.D

Acq: 12 Nov 2018 18:39

Instrument :

MSVOA_W

ClientSampleId :

VW1112SBSD01

Tgt Ion: 76 Resp: 149313

Ion Ratio Lower Upper

76 100

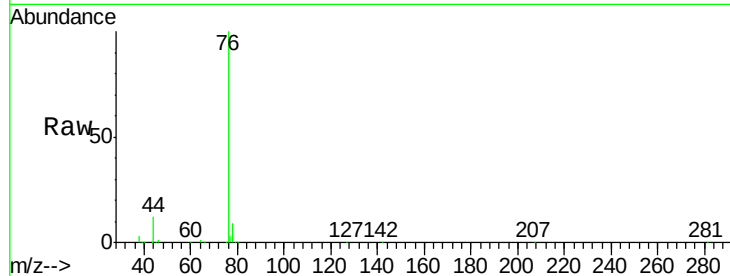
78 9.3 7.6 11.4

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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

60000

50000

40000

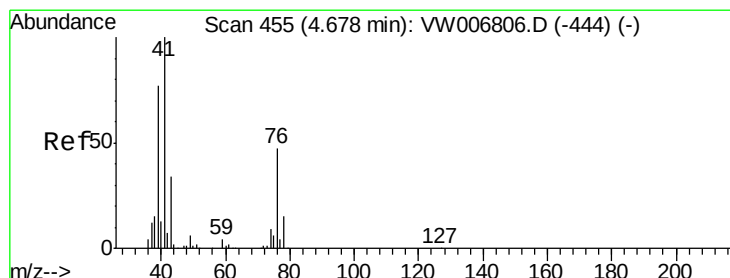
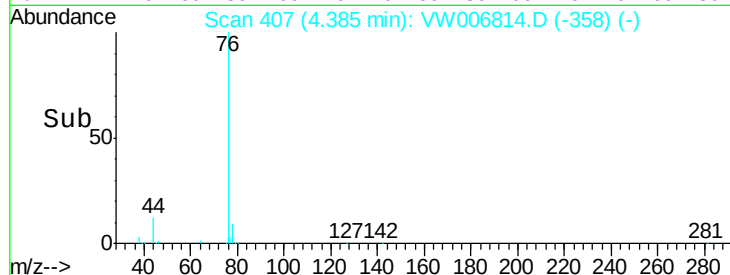
30000

20000

10000

0

Time-->



#18

Methyl Acetate

Concen: 19.864 ug/l

RT: 4.68 min Scan# 455

Delta R.T. 0.00 min

Lab File: VW006814.D

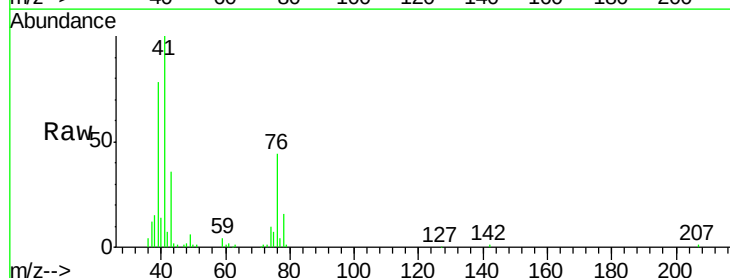
Acq: 12 Nov 2018 18:39

Tgt Ion: 43 Resp: 22314

Ion Ratio Lower Upper

43 100

74 27.9 21.9 32.9



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 74.00 (73.70 to 74.70): VW

4.68

8000

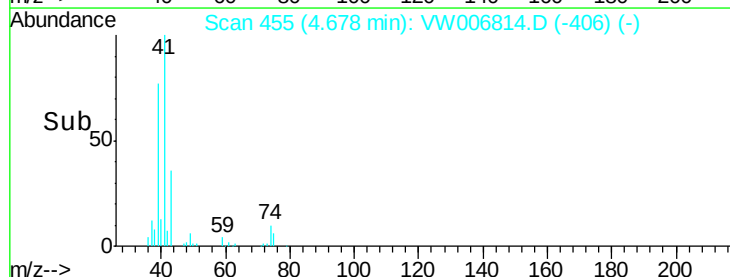
6000

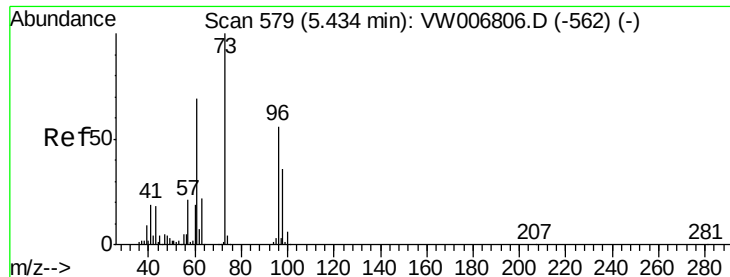
4000

2000

0

Time-->





#19

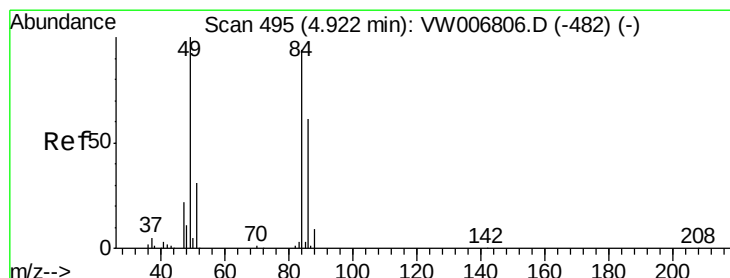
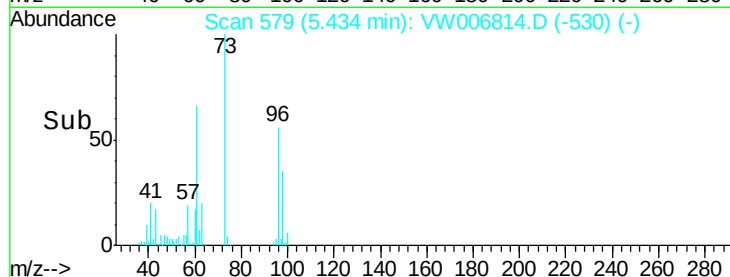
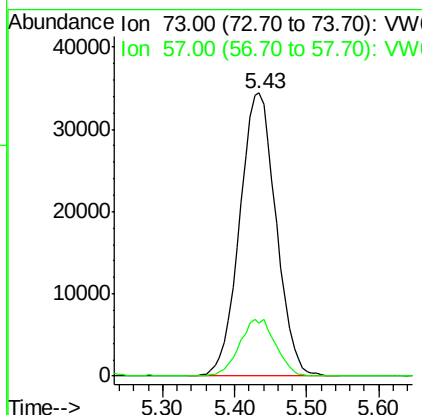
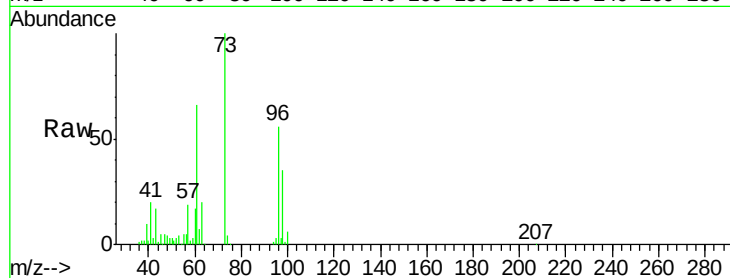
Methyl tert-butyl Ether
 Concen: 21.501 ug/l
 RT: 5.43 min Scan# 579
 Delta R.T. 0.00 min
 Lab File: VW006814.D
 Acq: 12 Nov 2018 18:39

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1112SBSD01

Tgt Ion	Ratio	Lower	Upper
73	100		
57	18.5	16.8	25.2

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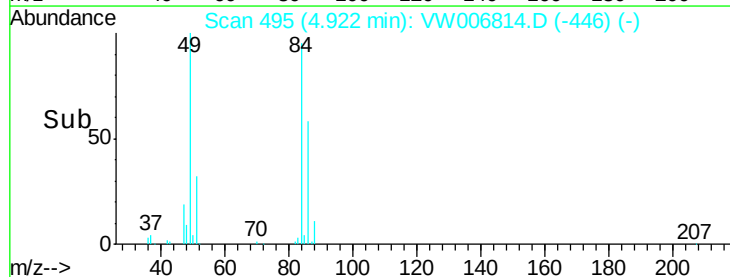
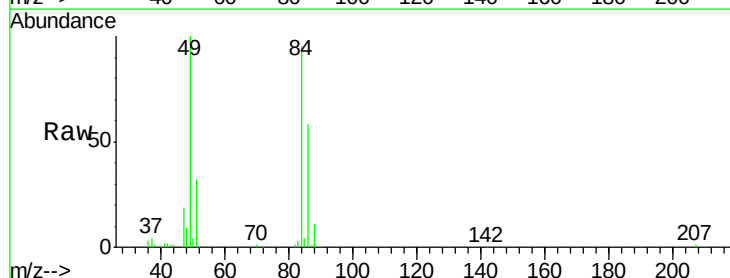
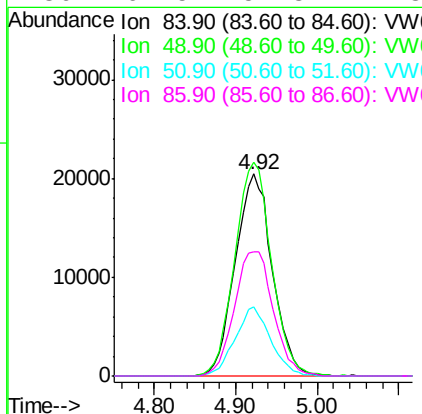
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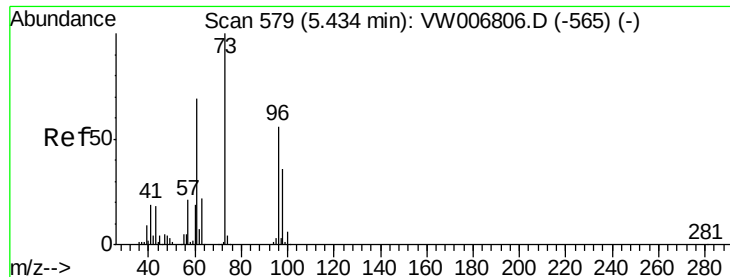


#20

Methylene Chloride
 Concen: 18.202 ug/l
 RT: 4.92 min Scan# 495
 Delta R.T. 0.00 min
 Lab File: VW006814.D
 Acq: 12 Nov 2018 18:39

Tgt Ion	Ratio	Lower	Upper
84	100		
49	105.7	84.8	127.2
51	34.0	26.2	39.4
86	61.5	51.8	77.8





#21

trans-1,2-Dichloroethene

Concen: 20.446 ug/l

RT: 5.43 min Scan# 579

Delta R.T. 0.00 min

Lab File: VW006814.D

Acq: 12 Nov 2018 18:39

Instrument :

MSVOA_W

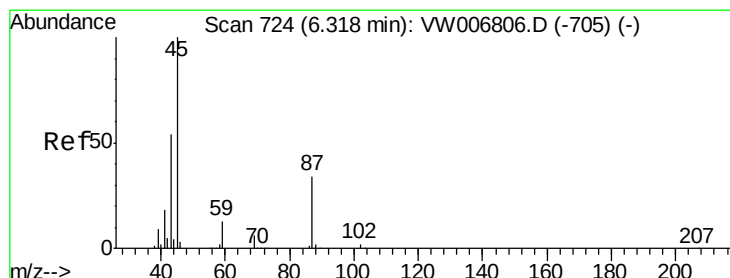
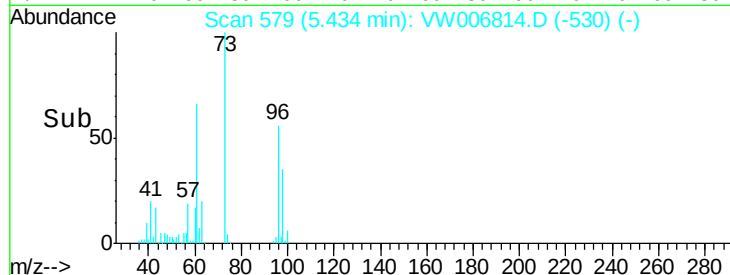
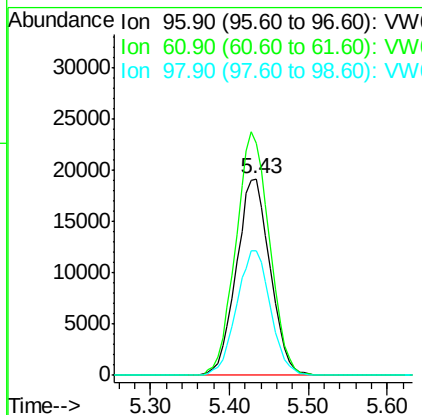
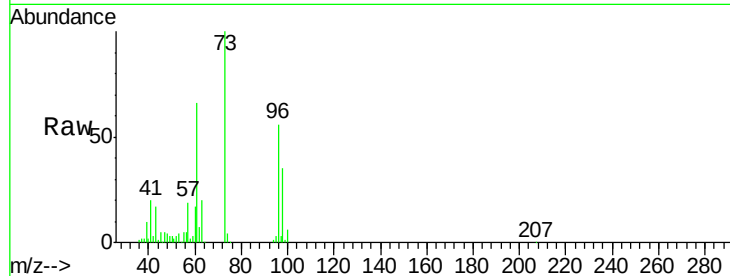
ClientSampleId :

VW1112SBSD01

Tgt Ion:	96	Resp:	56973
Ion	Ratio	Lower	Upper
96	100		
61	117.8	98.7	148.1
98	63.3	51.2	76.8

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#22

Diisopropyl ether

Concen: 20.807 ug/l

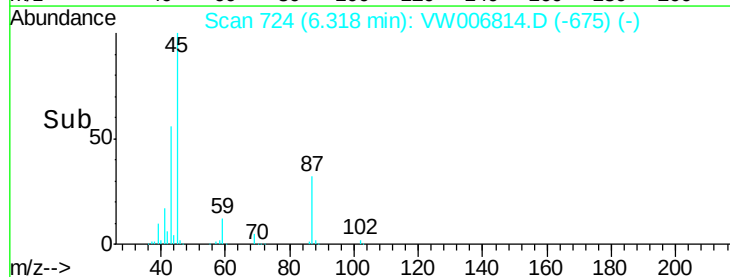
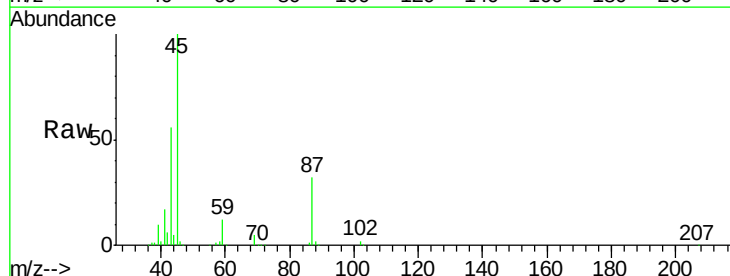
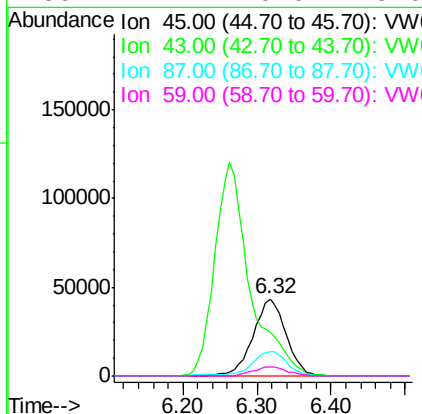
RT: 6.32 min Scan# 724

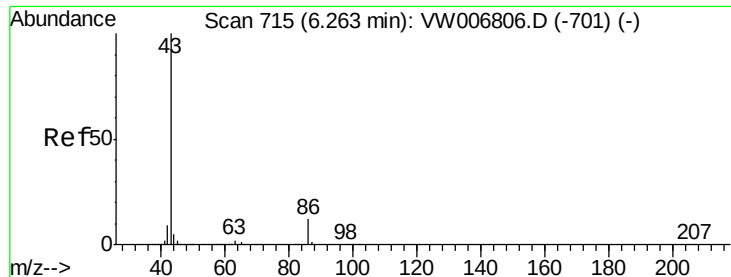
Delta R.T. 0.00 min

Lab File: VW006814.D

Acq: 12 Nov 2018 18:39

Tgt Ion:	45	Resp:	134287
Ion	Ratio	Lower	Upper
45	100		
43	55.9	43.7	65.5
87	32.0	27.2	40.8
59	11.7	10.0	15.0





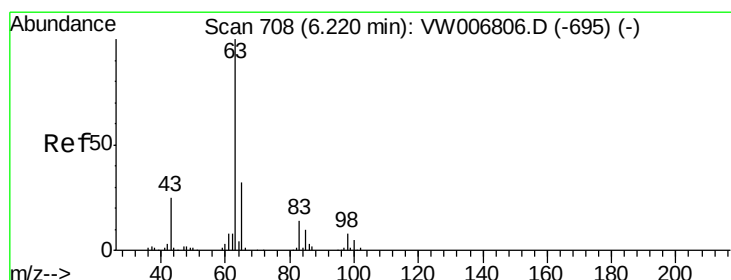
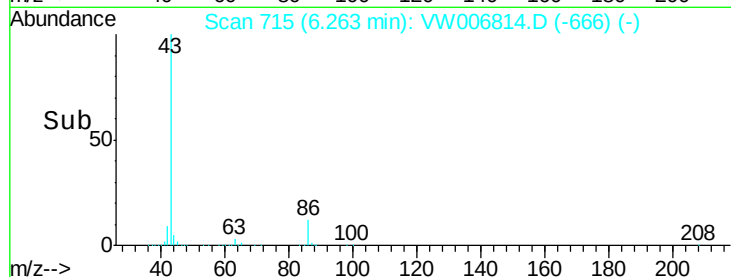
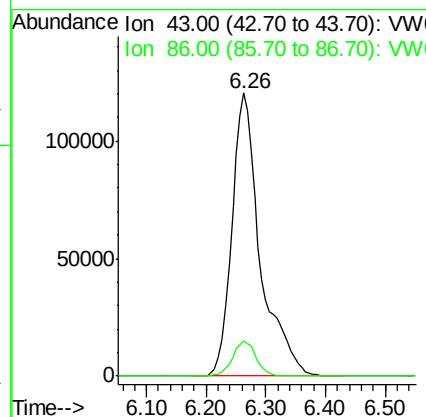
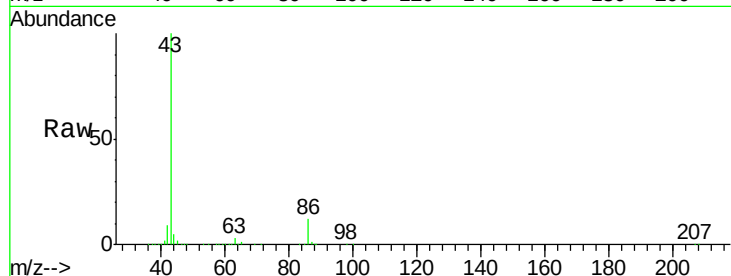
#23
 Vinyl Acetate
 Concen: 108.831 ug/l
 RT: 6.26 min Scan# 715
 Delta R.T. 0.00 min
 Lab File: VW006814.D
 Acq: 12 Nov 2018 18:39

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1112SBSD01

Tgt Ion	Ratio	Resp	Lower	Upper
43	100	395971		
86	12.4		9.6	14.4

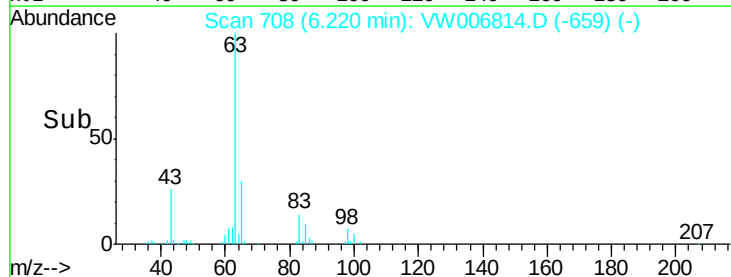
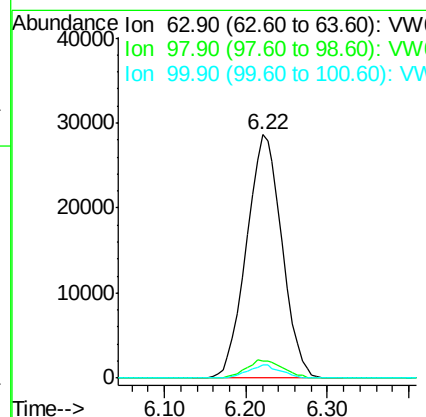
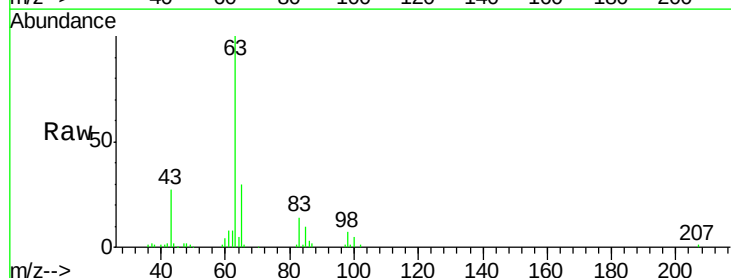
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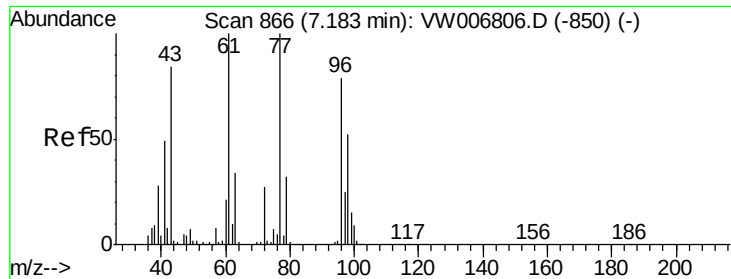
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#24
 1,1-Dichloroethane
 Concen: 20.215 ug/l
 RT: 6.22 min Scan# 708
 Delta R.T. 0.00 min
 Lab File: VW006814.D
 Acq: 12 Nov 2018 18:39

Tgt Ion	Ratio	Resp	Lower	Upper
63	100	86526		
98	7.3		3.9	11.5
100	5.3		2.4	7.2





#25

2-Butanone

Concen: 105.920 ug/l

RT: 7.18 min Scan# 866

Delta R.T. 0.00 min

Lab File: VW006814.D

Acq: 12 Nov 2018 18:39

Instrument :

MSVOA_W

ClientSampleId :

VW1112SBSD01

Tgt Ion: 43 Resp: 58826

Ion Ratio Lower Upper

43 100

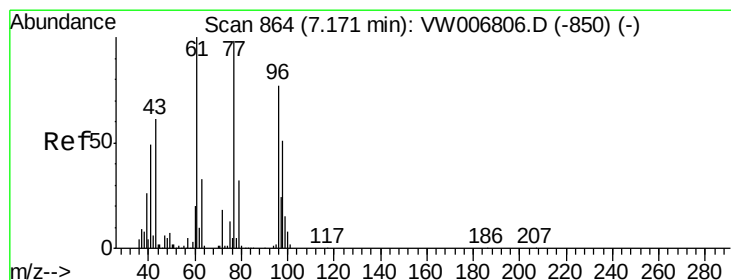
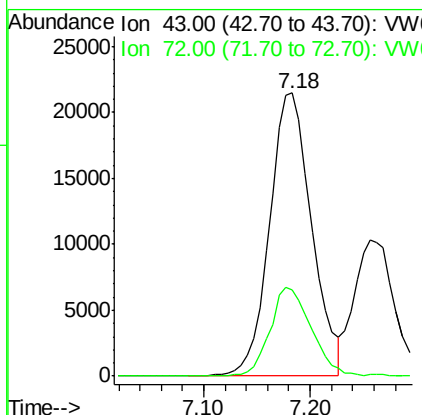
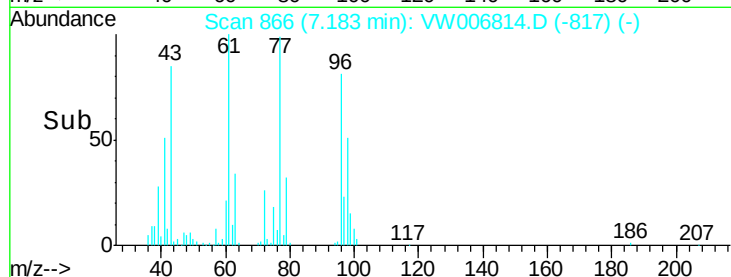
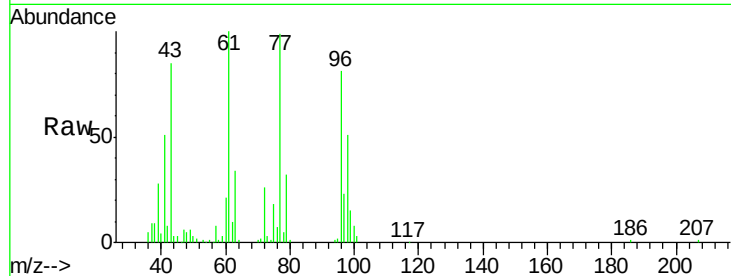
72 30.5 25.3 37.9

Manual Integrations

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#26

2,2-Dichloropropane

Concen: 20.171 ug/l

RT: 7.17 min Scan# 864

Delta R.T. 0.00 min

Lab File: VW006814.D

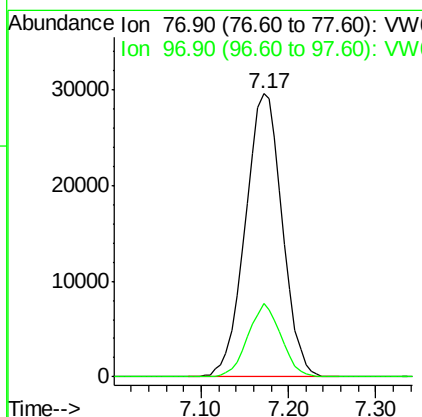
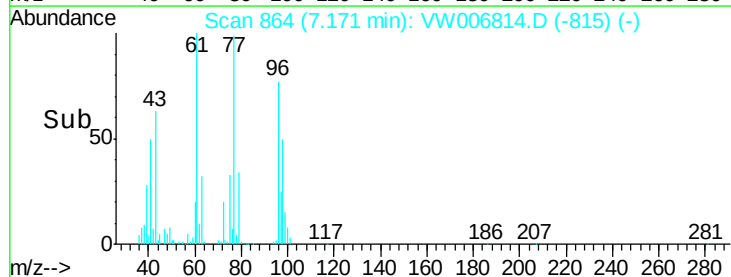
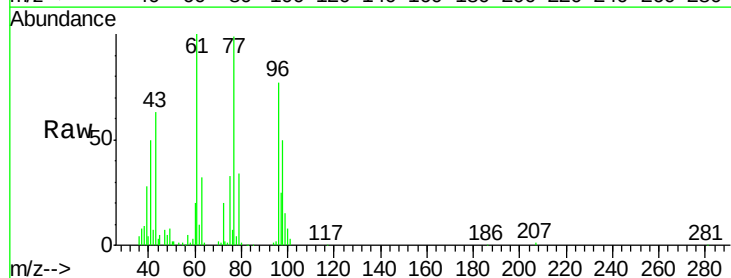
Acq: 12 Nov 2018 18:39

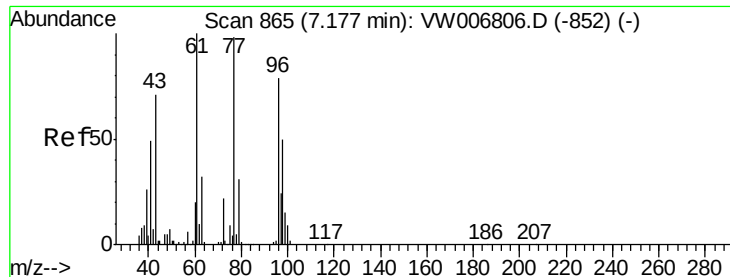
Tgt Ion: 77 Resp: 86873

Ion Ratio Lower Upper

77 100

97 23.3 12.0 36.1





#27

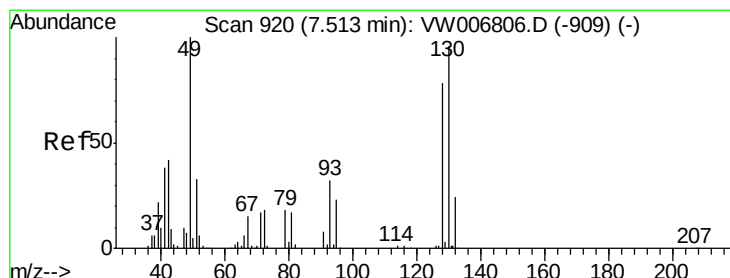
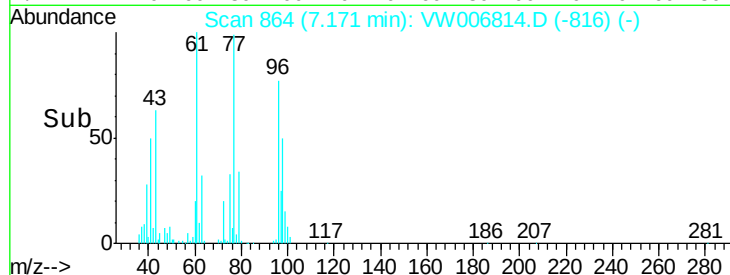
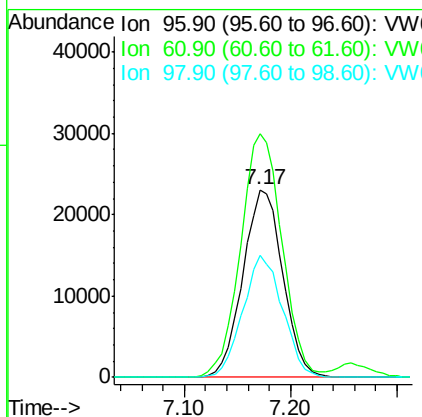
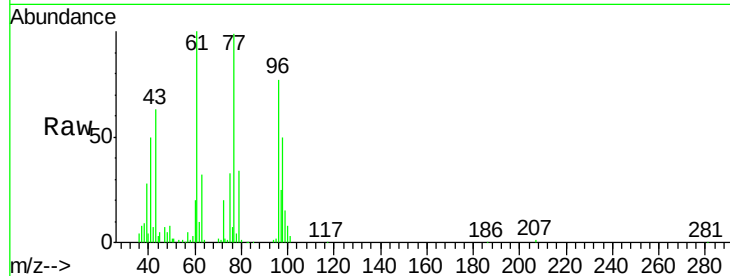
cis-1,2-Dichloroethene
Concen: 20.460 ug/l
RT: 7.17 min Scan# 864
Delta R.T. -0.01 min
Lab File: VW006814.D
Acq: 12 Nov 2018 18:39

Instrument :
MSVOA_W
ClientSampleId :
VW1112SBSD01

Tgt Ion	Ratio	Lower	Upper
96	100		
61	134.5	0.0	264.0
98	64.6	0.0	131.0

Manual Integrations
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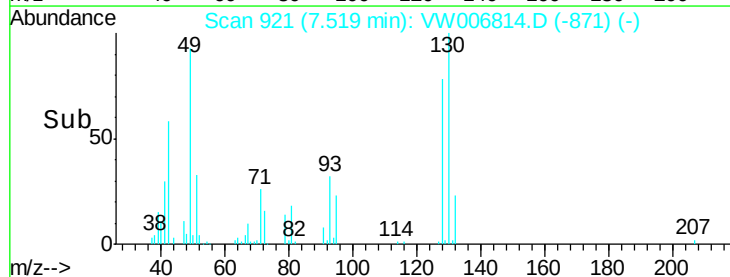
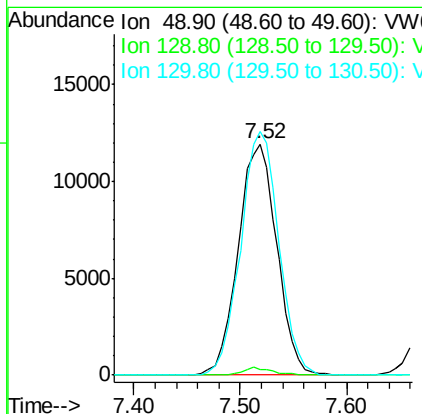
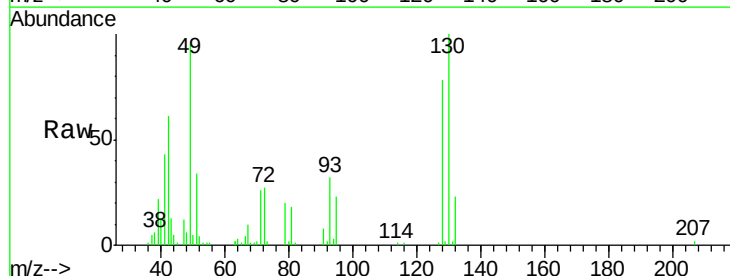
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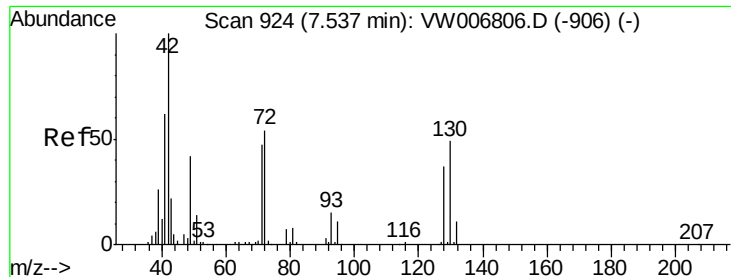


#28

Bromochloromethane
Concen: 20.275 ug/l
RT: 7.52 min Scan# 921
Delta R.T. 0.01 min
Lab File: VW006814.D
Acq: 12 Nov 2018 18:39

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.5	0.0	5.6
130	104.2	83.3	124.9





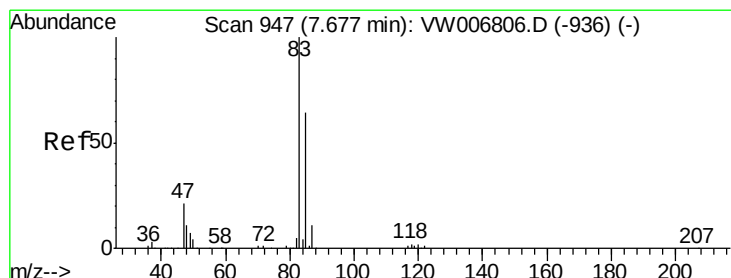
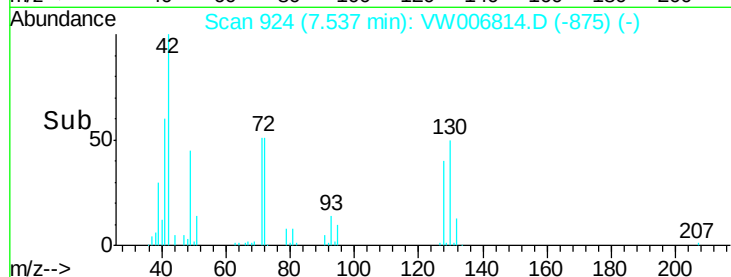
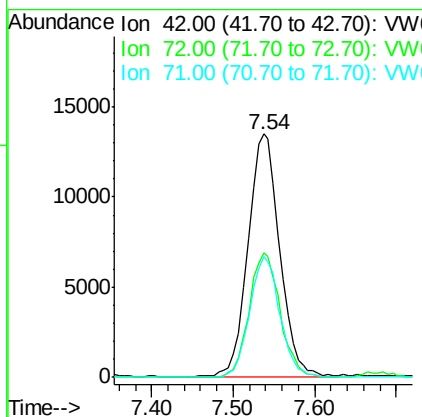
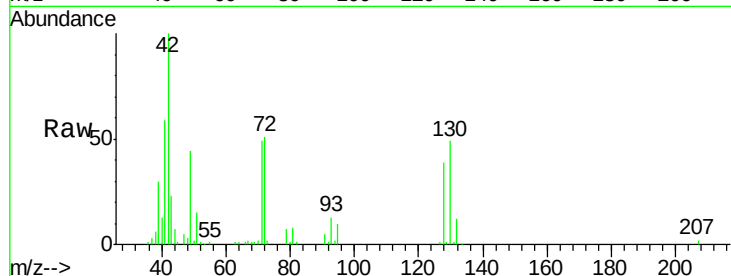
#29
Tetrahydrofuran
Concen: 103.584 ug/l
RT: 7.54 min Scan# 924
Delta R.T. 0.00 min
Lab File: VW006814.D
Acq: 12 Nov 2018 18:39

Instrument :
MSVOA_W
ClientSampleId :
VW1112SBSD01

Tgt Ion	Ratio	Lower	Upper
42	100		
72	49.7	40.9	61.3
71	47.1	36.9	55.3

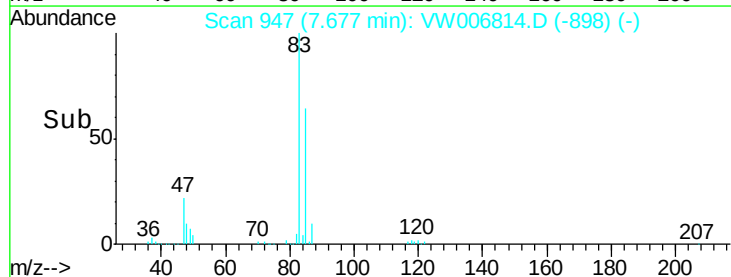
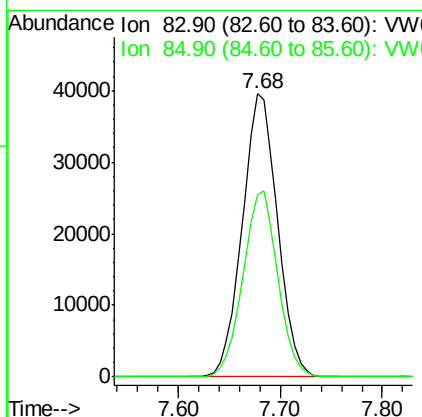
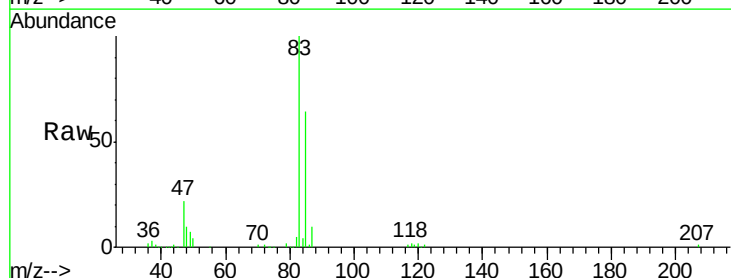
Manual Integrations
APPROVED

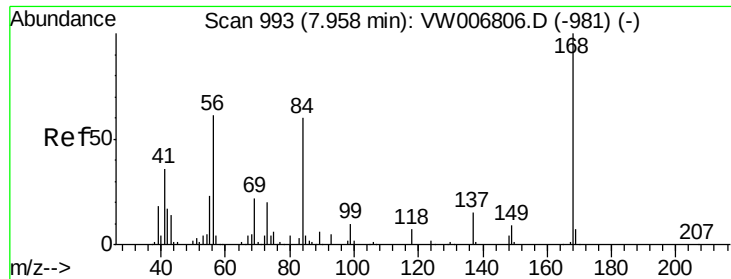
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#30
Chloroform
Concen: 20.311 ug/l
RT: 7.68 min Scan# 947
Delta R.T. 0.00 min
Lab File: VW006814.D
Acq: 12 Nov 2018 18:39

Tgt Ion	Ratio	Lower	Upper
83	100		
85	64.5	51.5	77.3





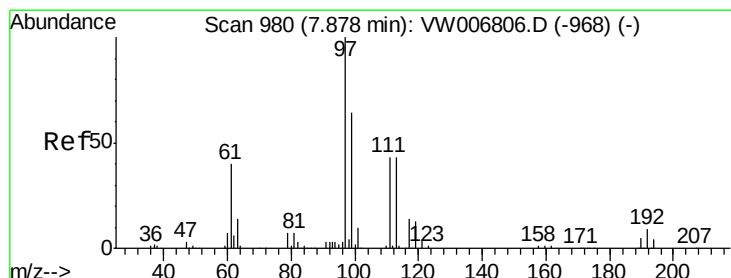
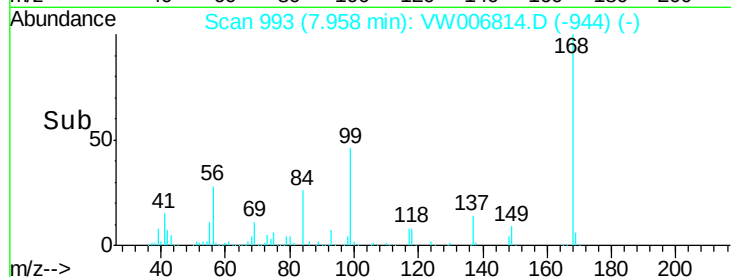
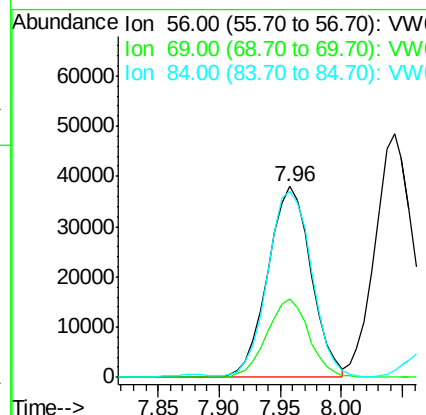
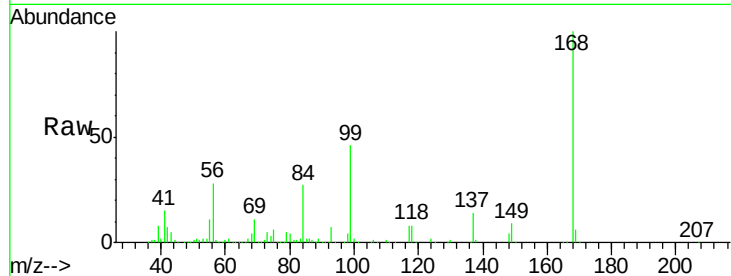
#31
Cyclohexane
Concen: 21.418 ug/l
RT: 7.96 min Scan# 993
Delta R.T. 0.00 min
Lab File: VW006814.D
Acq: 12 Nov 2018 18:39

Instrument :
MSVOA_W
ClientSampleId :
VW1112SBSD01

Tgt Ion	Ratio	Lower	Upper
56	100		
69	40.8	28.9	43.3
84	96.1	79.0	118.4

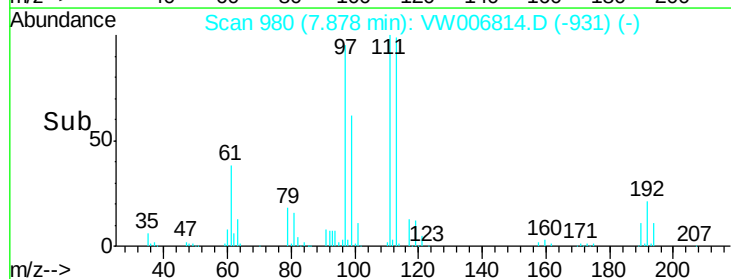
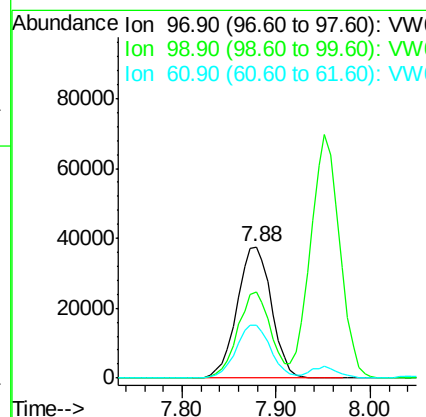
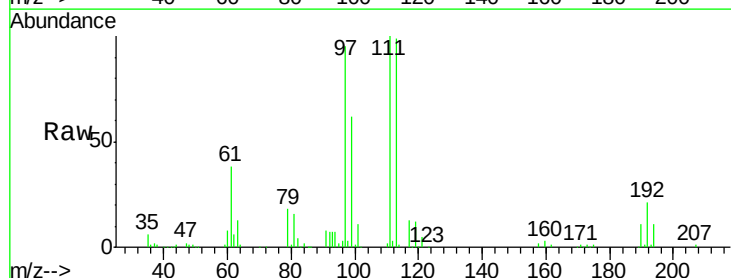
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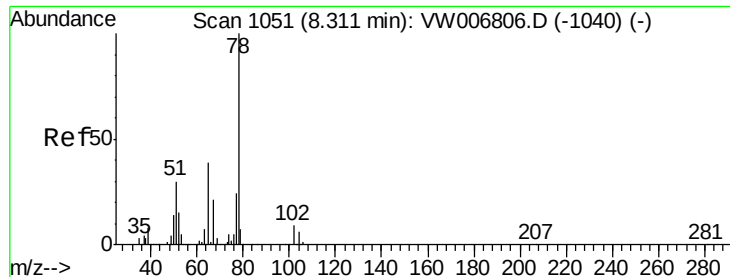
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#32
1,1,1-Trichloroethane
Concen: 21.164 ug/l
RT: 7.88 min Scan# 980
Delta R.T. 0.00 min
Lab File: VW006814.D
Acq: 12 Nov 2018 18:39

Tgt Ion	Ratio	Lower	Upper
97	100		
99	64.3	51.6	77.4
61	40.6	32.2	48.4





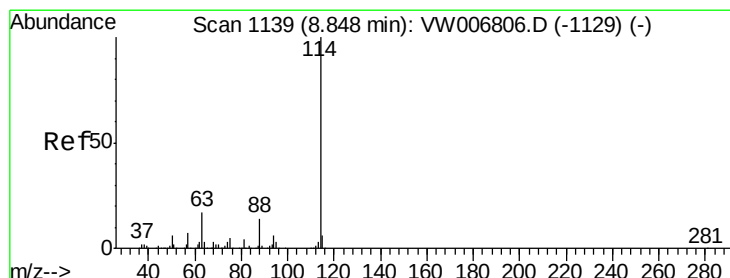
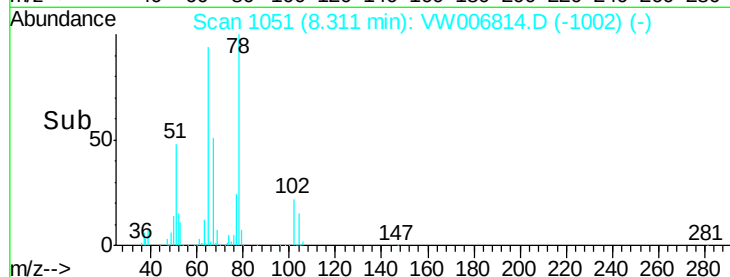
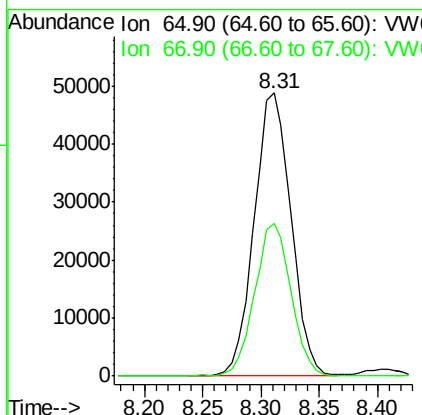
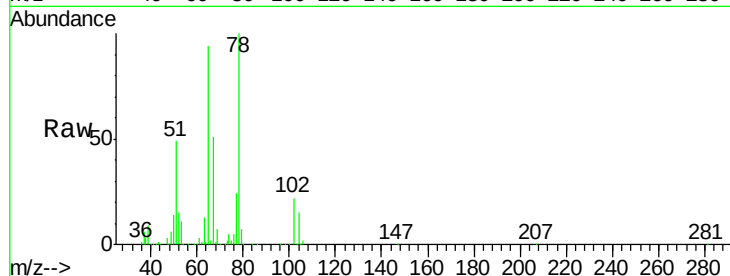
#33
 1,2-Dichloroethane-d4
 Concen: 46.780 ug/l
 RT: 8.31 min Scan# 1051
 Delta R.T. 0.00 min
 Lab File: VW006814.D
 Acq: 12 Nov 2018 18:39

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1112SBSD01

Tgt Ion	Ratio	Resp	Lower	Upper
65	100	106972		
67	53.3	0.0	104.4	

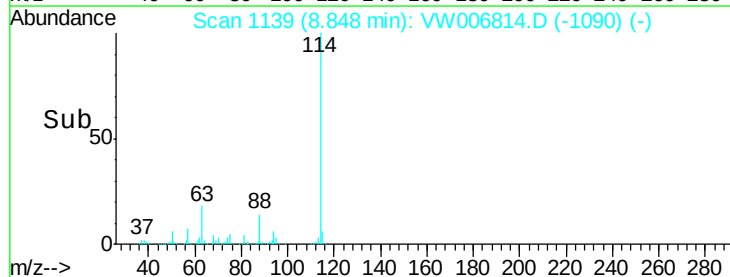
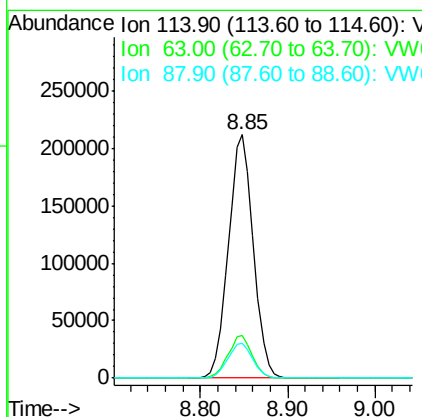
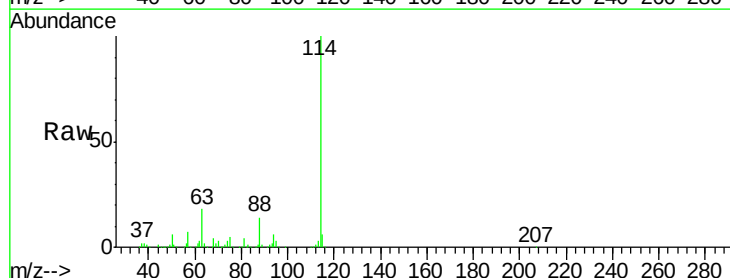
Manual Integrations
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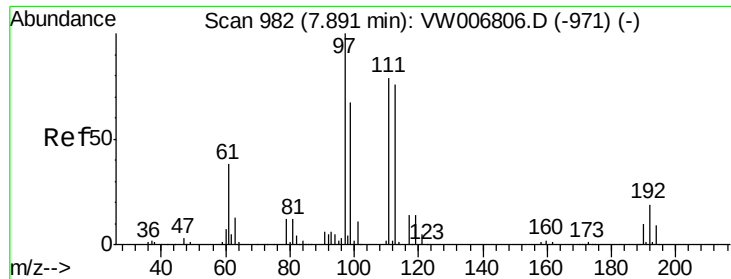
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.85 min Scan# 1139
 Delta R.T. 0.00 min
 Lab File: VW006814.D
 Acq: 12 Nov 2018 18:39

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	417491		
63	17.5	0.0	33.6	
88	14.3	0.0	28.4	





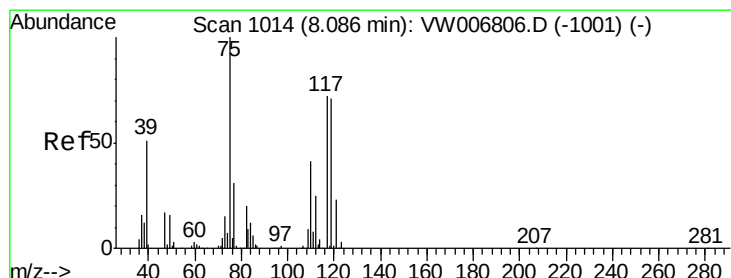
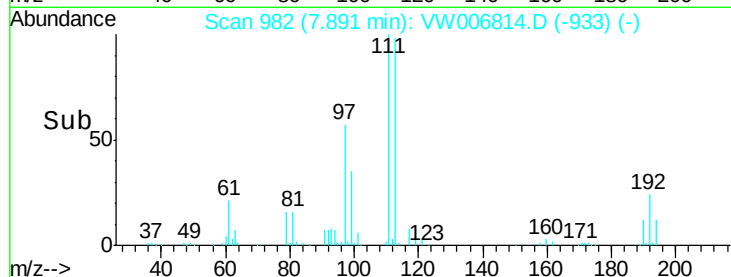
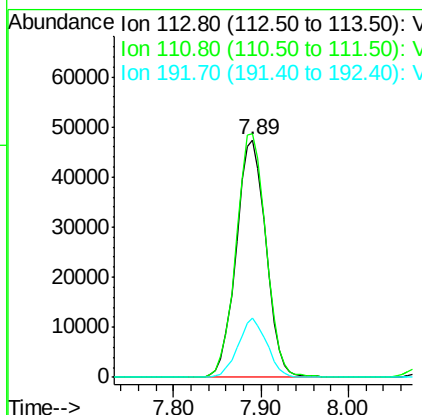
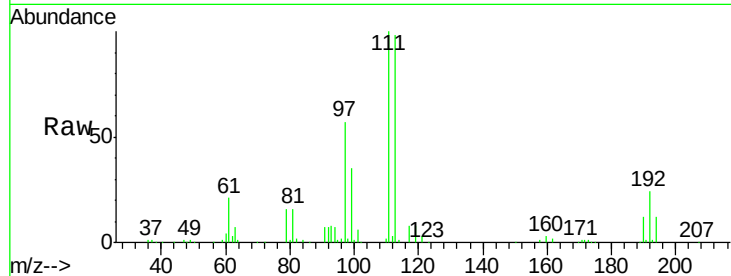
#35
 Dibromofluoromethane
 Concen: 45.089 ug/l
 RT: 7.89 min Scan# 982
 Delta R.T. 0.00 min
 Lab File: VW006814.D
 Acq: 12 Nov 2018 18:39

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1112SBSD01

Tgt Ion	Ratio	Resp	Lower	Upper
113	100	112094		
111	103.4	81.0	121.6	
192	23.9	19.0	28.6	

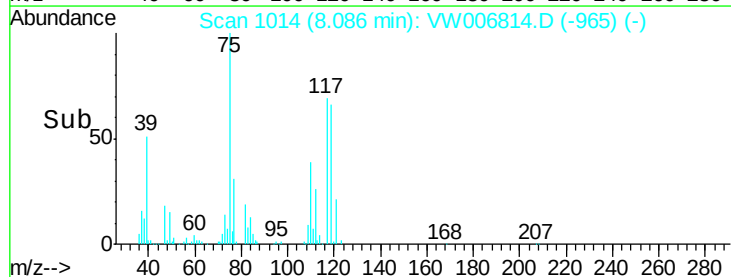
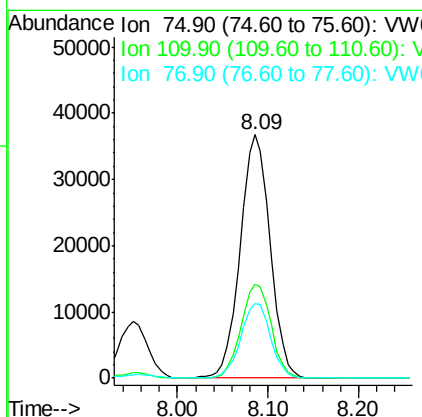
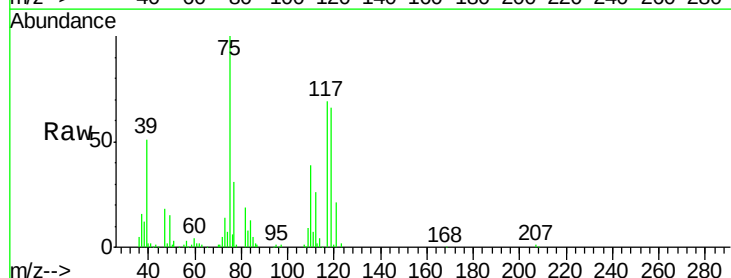
Manual Integrations
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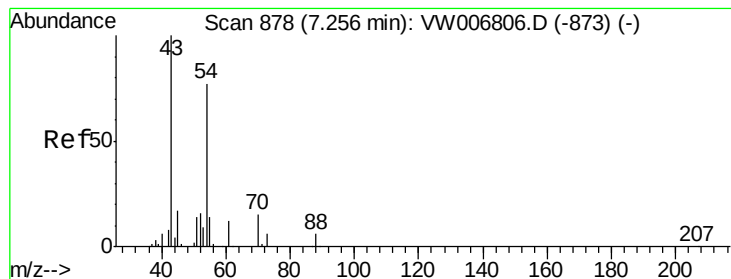
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#36
 1,1-Dichloropropene
 Concen: 21.495 ug/l
 RT: 8.09 min Scan# 1014
 Delta R.T. 0.00 min
 Lab File: VW006814.D
 Acq: 12 Nov 2018 18:39

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	83979		
110	38.8	19.9	59.6	
77	30.6	25.4	38.2	





#37

Ethyl Acetate

Concen: 21.810 ug/l

RT: 7.26 min Scan# 878

Delta R.T. 0.00 min

Lab File: VW006814.D

Acq: 12 Nov 2018 18:39

Instrument :

MSVOA_W

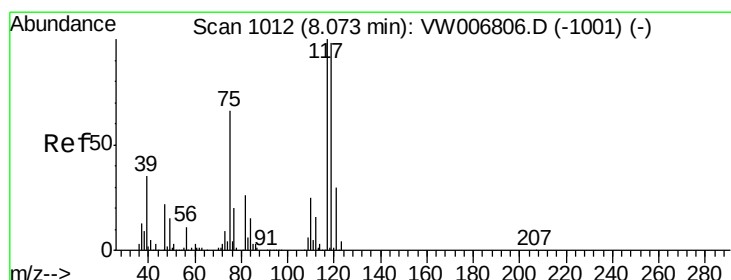
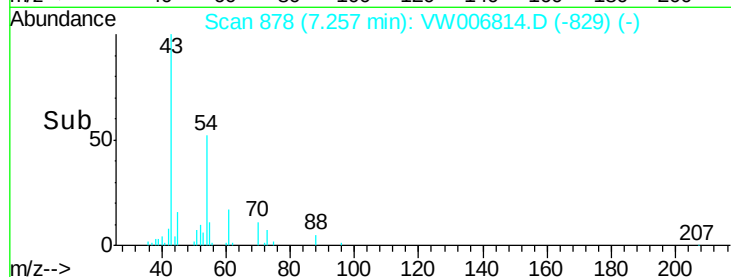
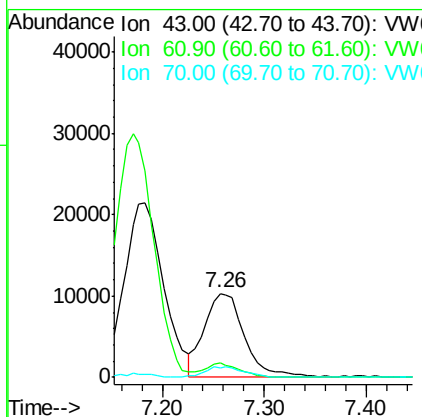
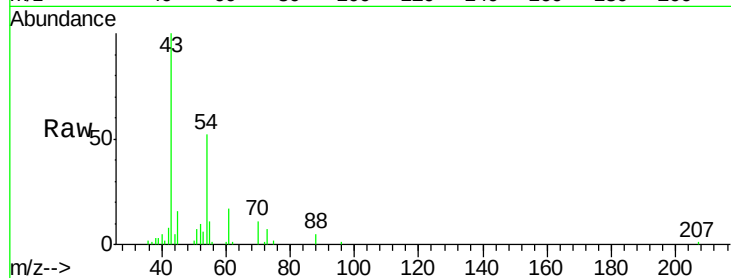
ClientSampleId :

VW1112SBSD01

Tgt Ion:	43	Resp:	27863
Ion	Ratio	Lower	Upper
43	100		
61	14.6	11.7	17.5
70	12.6	10.0	15.0

Manual Integrations
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#38

Carbon Tetrachloride

Concen: 20.765 ug/l

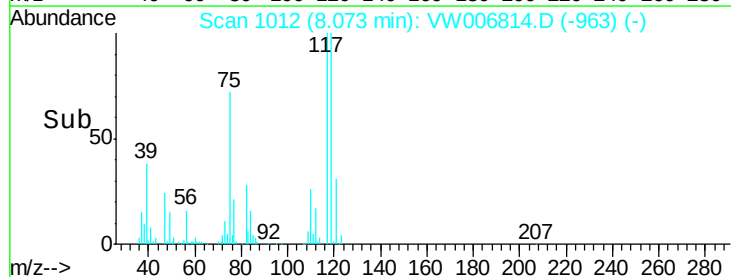
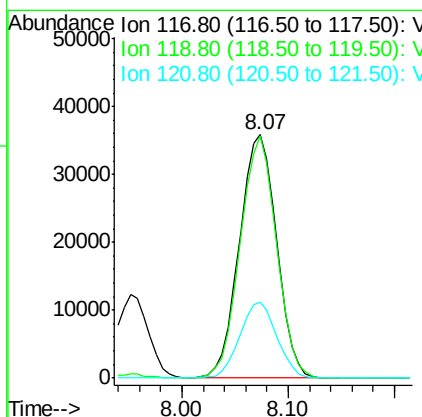
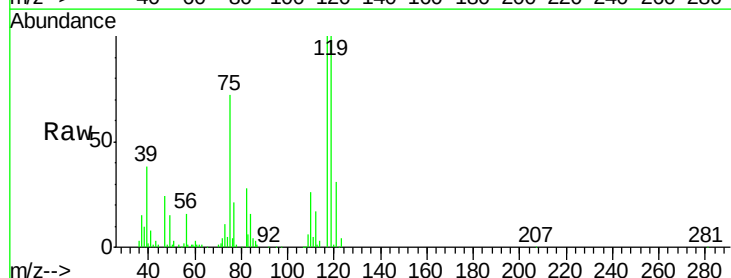
RT: 8.07 min Scan# 1012

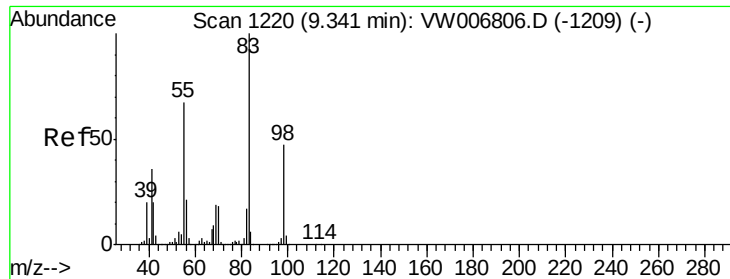
Delta R.T. 0.00 min

Lab File: VW006814.D

Acq: 12 Nov 2018 18:39

Tgt Ion:	117	Resp:	88173
Ion	Ratio	Lower	Upper
117	100		
119	99.7	78.5	117.7
121	31.0	24.2	36.2





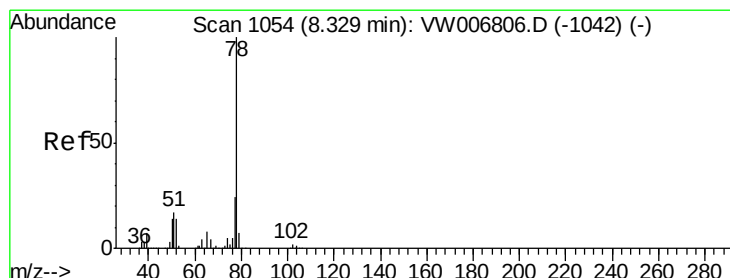
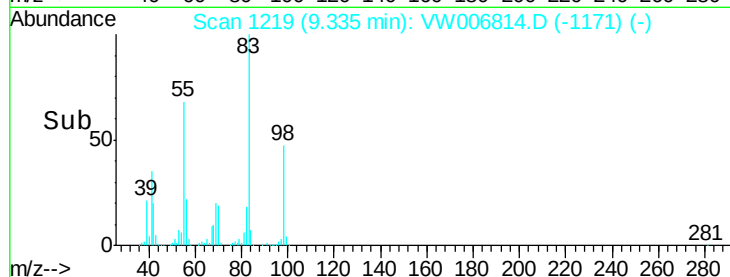
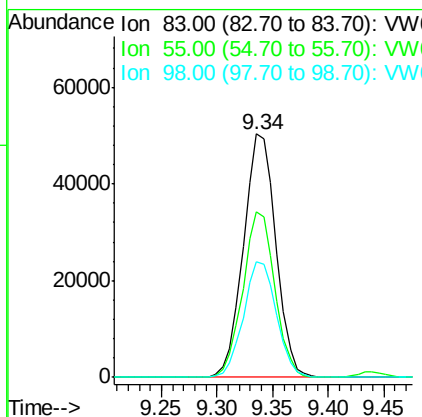
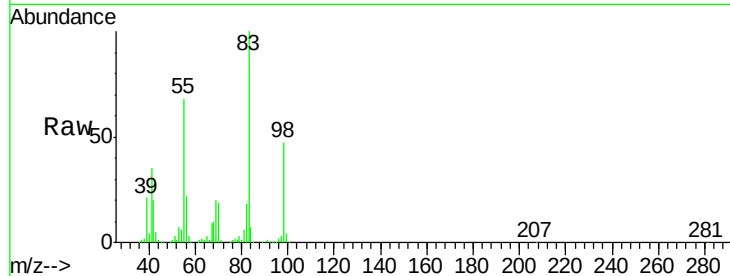
#39
Methylcyclohexane
Concen: 20.082 ug/l
RT: 9.34 min Scan# 1219
Delta R.T. -0.01 min
Lab File: VW006814.D
Acq: 12 Nov 2018 18:39

Instrument :
MSVOA_W
ClientSampleId :
VW1112SBSD01

Tgt Ion	Ratio	Lower	Upper
83	100		
55	68.3	53.3	79.9
98	47.4	37.9	56.9

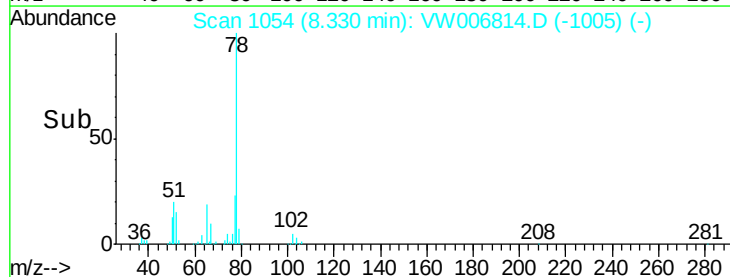
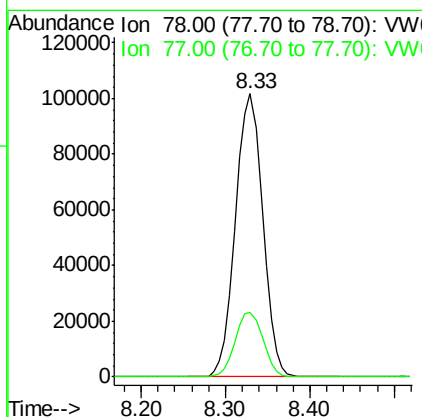
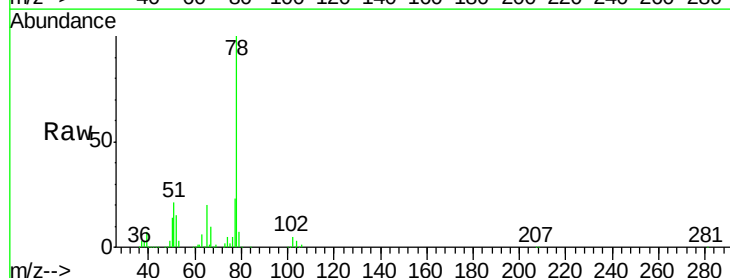
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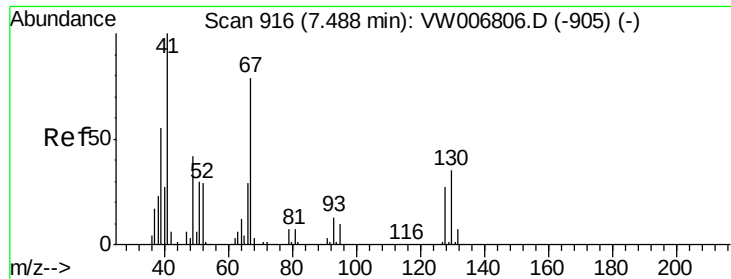
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#40
Benzene
Concen: 20.497 ug/l
RT: 8.33 min Scan# 1054
Delta R.T. 0.00 min
Lab File: VW006814.D
Acq: 12 Nov 2018 18:39

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.0	19.0	28.6





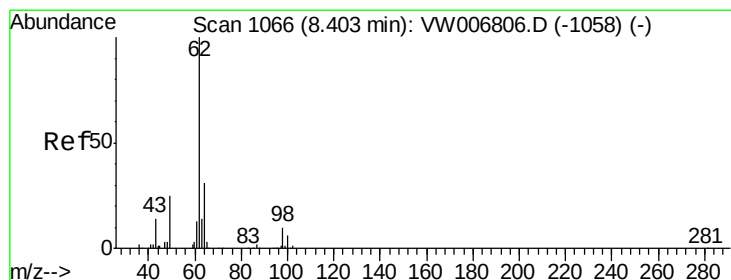
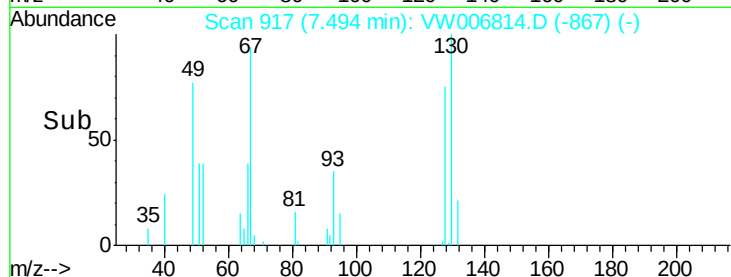
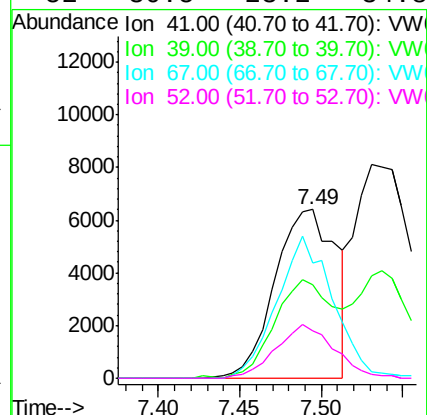
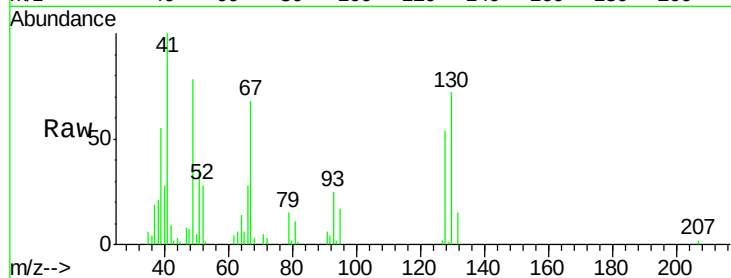
#41
Methacrylonitrile
Concen: 21.230 ug/l
RT: 7.49 min Scan# 917
Delta R.T. 0.01 min
Lab File: VW006814.D
Acq: 12 Nov 2018 18:39

Instrument :
MSVOA_W
ClientSampleId :
VW1112SBSD01

Tgt Ion	Ratio	Lower	Upper
41	100		
39	57.1	48.1	72.1
67	77.6	61.4	92.2
52	30.5	23.2	34.8

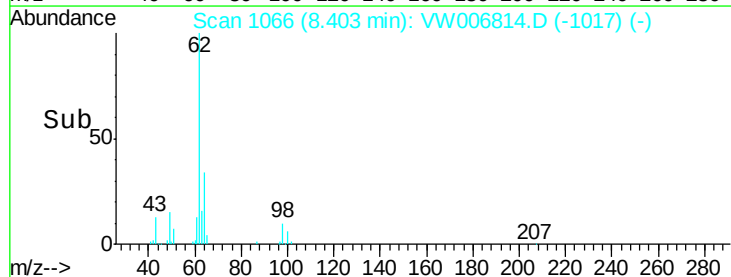
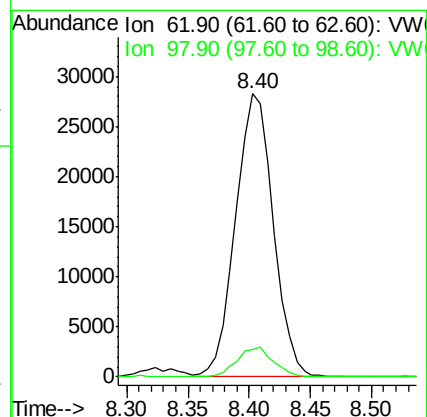
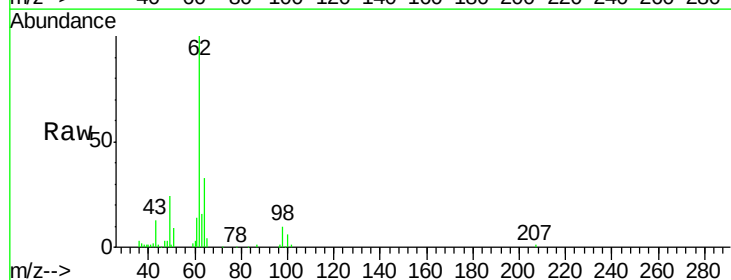
Manual Integrations
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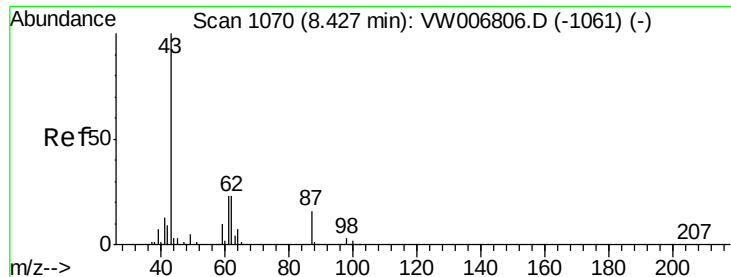
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#42
1,2-Dichloroethane
Concen: 20.802 ug/l
RT: 8.40 min Scan# 1066
Delta R.T. 0.00 min
Lab File: VW006814.D
Acq: 12 Nov 2018 18:39

Tgt Ion	Ratio	Lower	Upper
62	100		
98	10.1	0.0	20.0





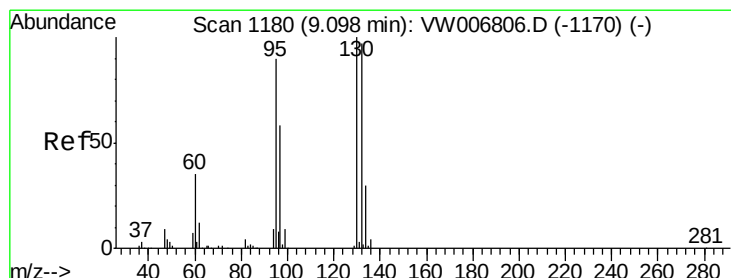
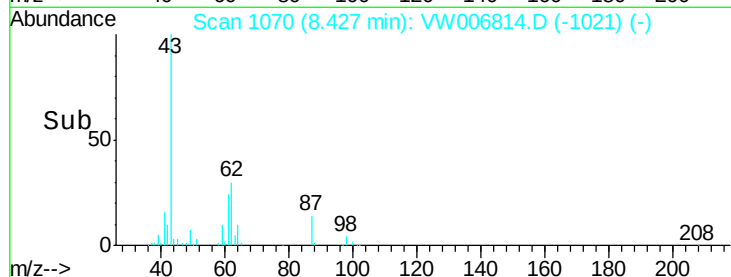
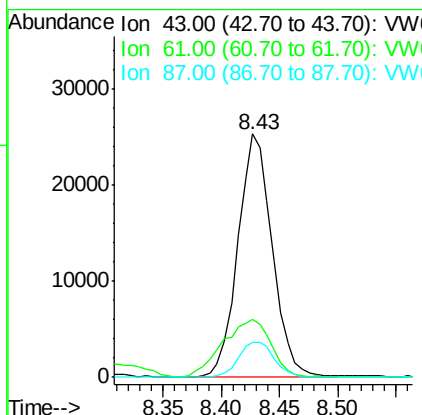
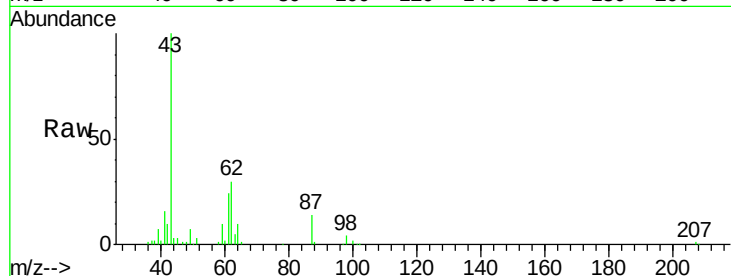
#43
Isopropyl Acetate
Concen: 21.047 ug/l
RT: 8.43 min Scan# 1070
Delta R.T. 0.00 min
Lab File: VW006814.D
Acq: 12 Nov 2018 18:39

Instrument :
MSVOA_W
ClientSampleId :
VW1112SBSD01

Tgt Ion	Ratio	Lower	Upper
43	100		
61	33.4	27.0	40.4
87	15.0	13.0	19.4

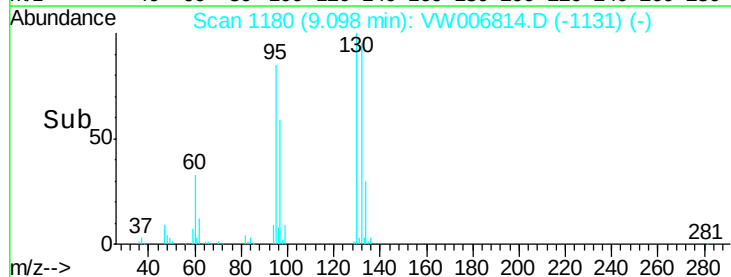
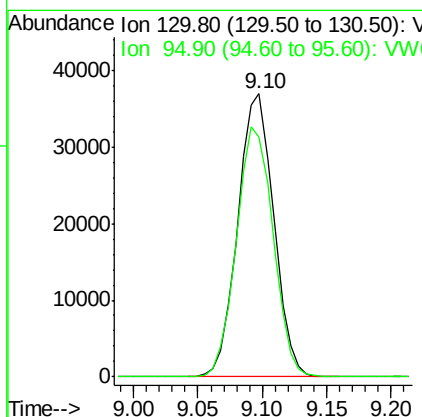
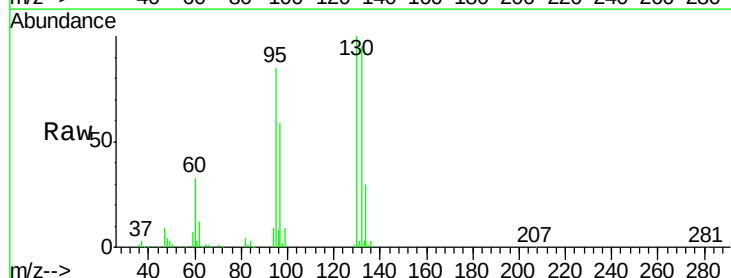
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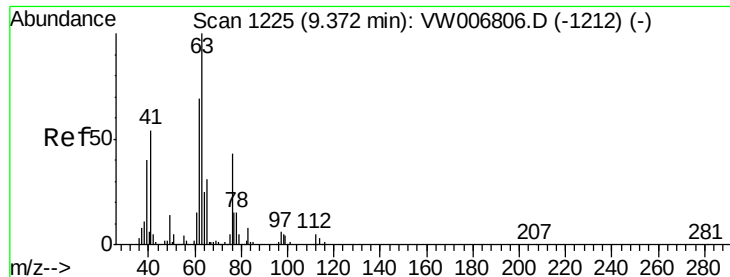
apatel
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#44
Trichloroethene
Concen: 20.822 ug/l
RT: 9.10 min Scan# 1180
Delta R.T. 0.00 min
Lab File: VW006814.D
Acq: 12 Nov 2018 18:39

Tgt Ion	Ratio	Lower	Upper
130	100		
95	84.7	0.0	180.2





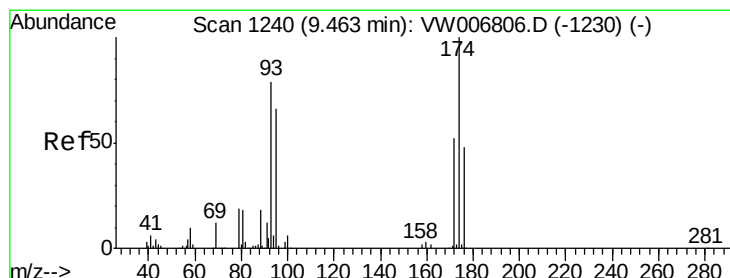
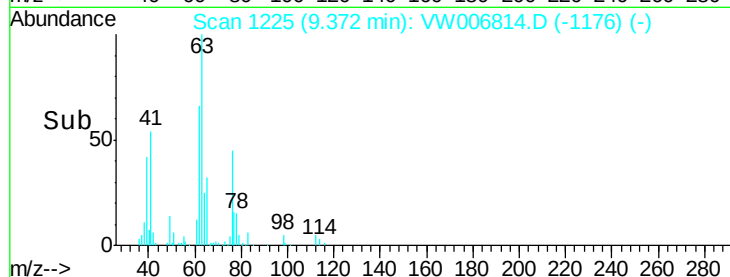
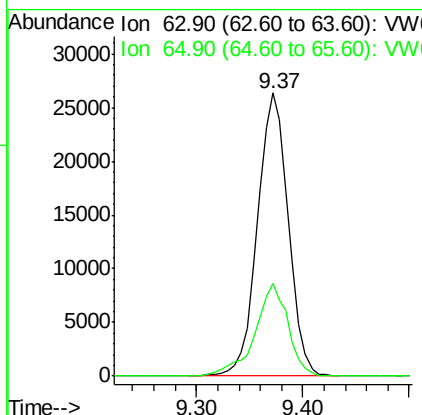
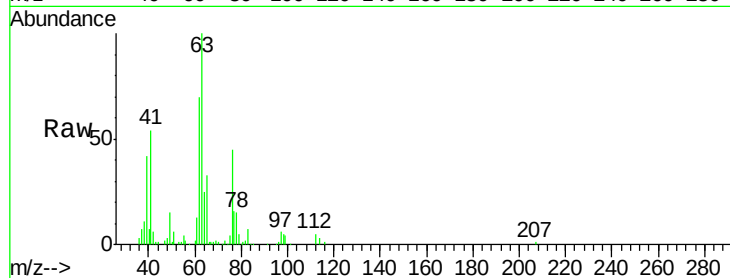
#45
 1,2-Dichloropropane
 Concen: 21.081 ug/l
 RT: 9.37 min Scan# 1225
 Delta R.T. 0.00 min
 Lab File: VW006814.D
 Acq: 12 Nov 2018 18:39

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1112SBSD01

Tgt Ion: 63 Resp: 53378
 Ion Ratio Lower Upper
 63 100
 65 32.9 24.4 36.6

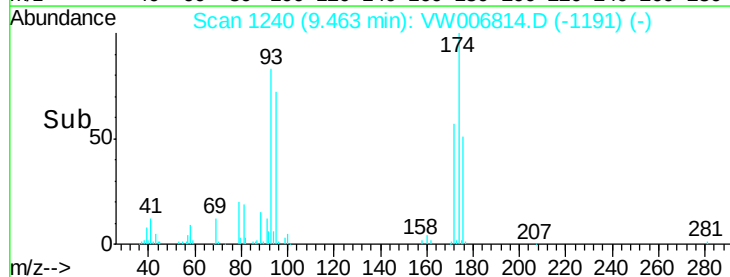
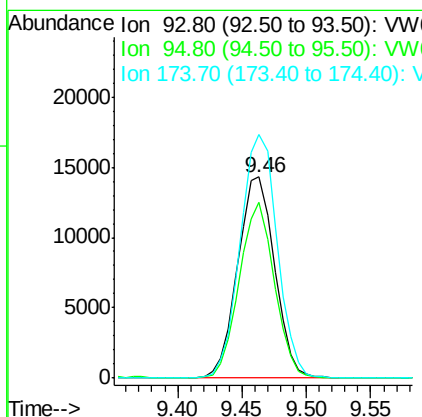
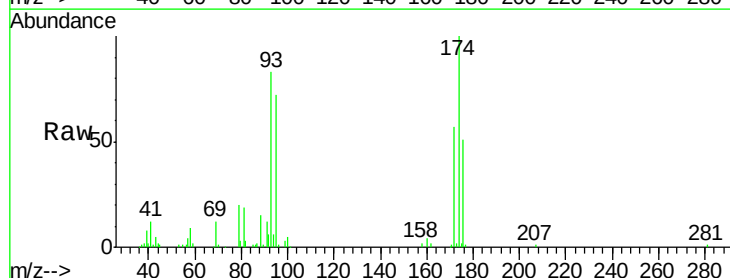
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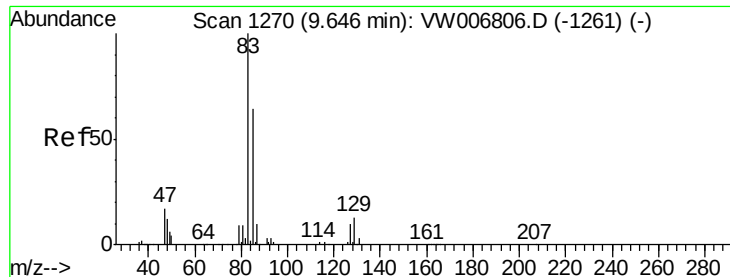
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#46
 Dibromomethane
 Concen: 20.244 ug/l
 RT: 9.46 min Scan# 1240
 Delta R.T. 0.00 min
 Lab File: VW006814.D
 Acq: 12 Nov 2018 18:39

Tgt Ion: 93 Resp: 28532
 Ion Ratio Lower Upper
 93 100
 95 82.8 67.0 100.6
 174 120.5 98.6 147.8





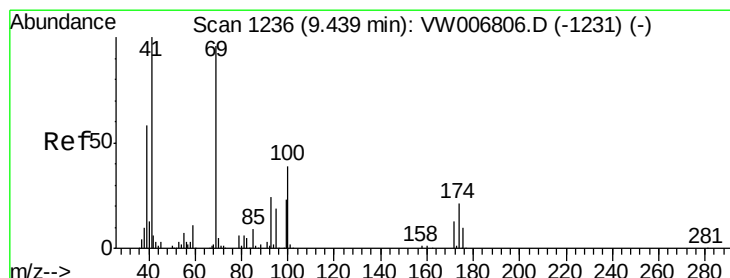
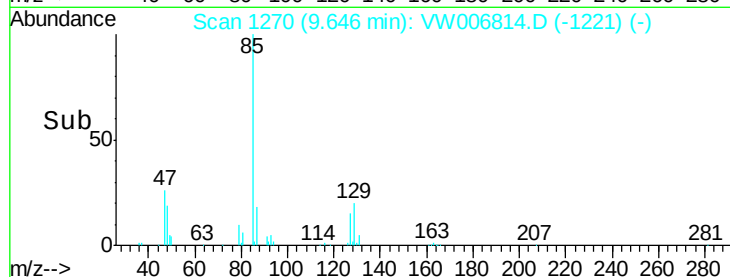
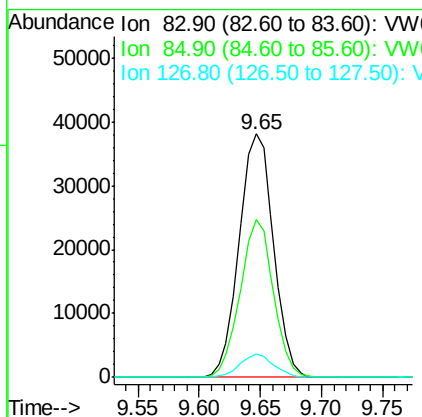
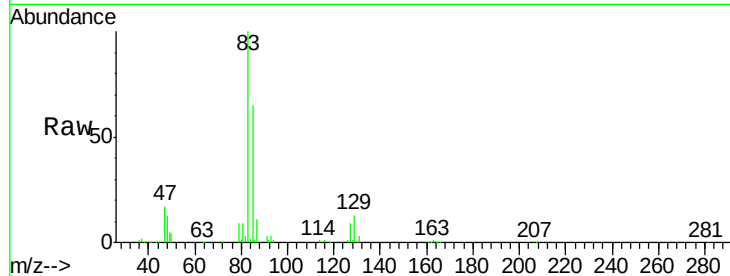
#47
Bromodichloromethane
Concen: 21.209 ug/l
RT: 9.65 min Scan# 1270
Delta R.T. 0.00 min
Lab File: VW006814.D
Acq: 12 Nov 2018 18:39

Instrument :
MSVOA_W
ClientSampleId :
VW1112SBSD01

Tgt Ion	Ratio	Lower	Upper
83	100		
85	65.1	51.4	77.0
127	9.5	7.6	11.4

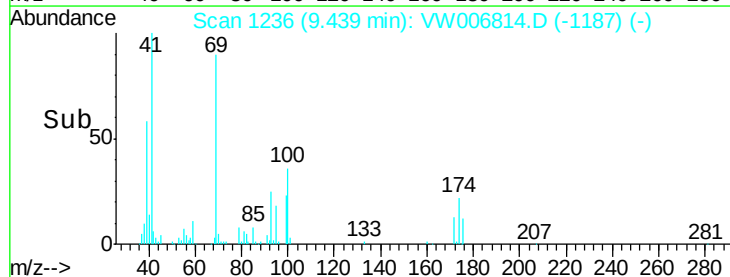
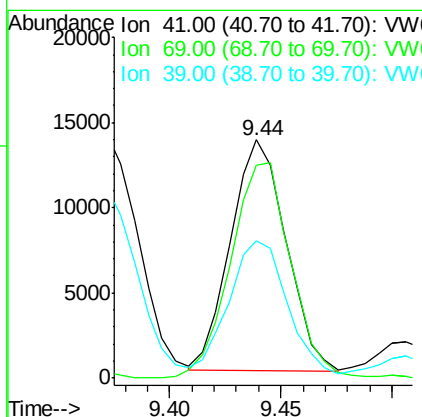
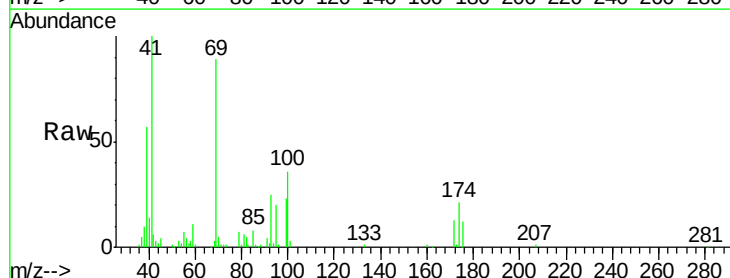
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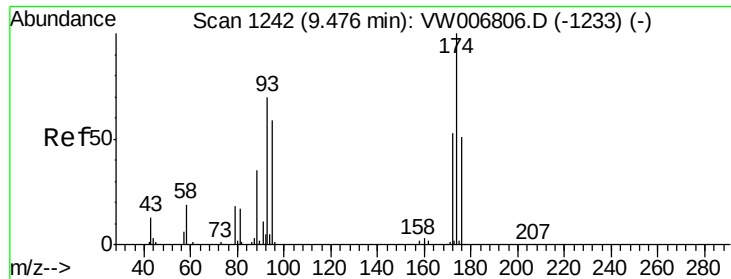
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#48
Methyl methacrylate
Concen: 19.357 ug/l
RT: 9.44 min Scan# 1236
Delta R.T. 0.00 min
Lab File: VW006814.D
Acq: 12 Nov 2018 18:39

Tgt Ion	Ratio	Lower	Upper
41	100		
69	100.8	79.8	119.6
39	59.2	45.9	68.9





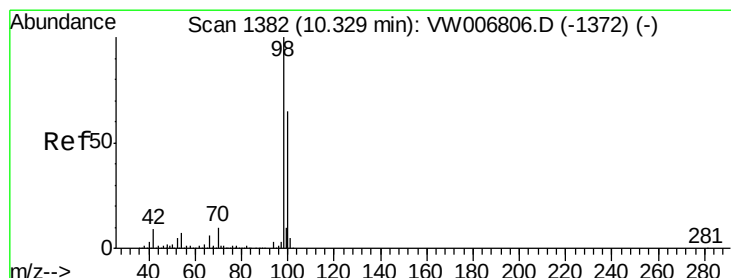
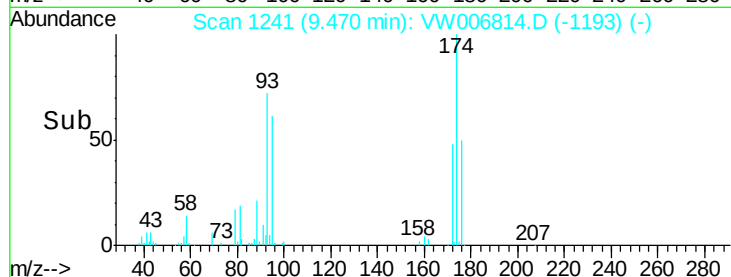
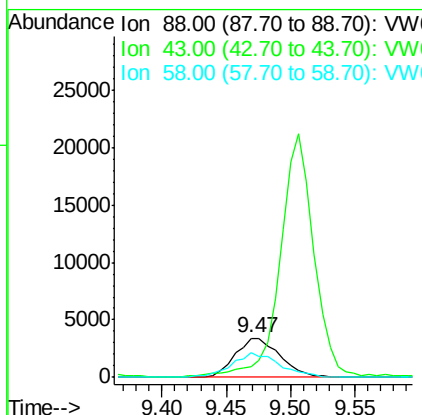
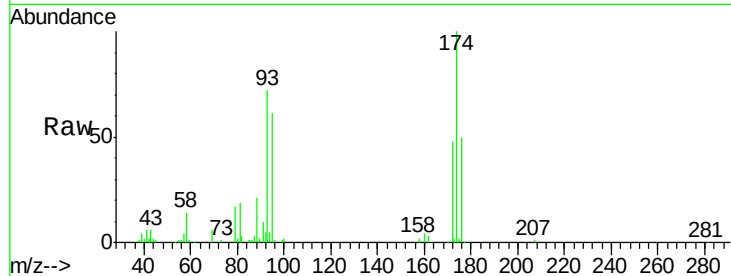
#49
1,4-Dioxane
Concen: 387.485 ug/l
RT: 9.47 min Scan# 1241
Delta R.T. -0.01 min
Lab File: VW006814.D
Acq: 12 Nov 2018 18:39

Instrument :
MSVOA_W
ClientSampleId :
VW1112SBSD01

Tgt Ion	Ratio	Lower	Upper
88	100		
43	0.0	0.0	0.0
58	66.4	50.6	75.8

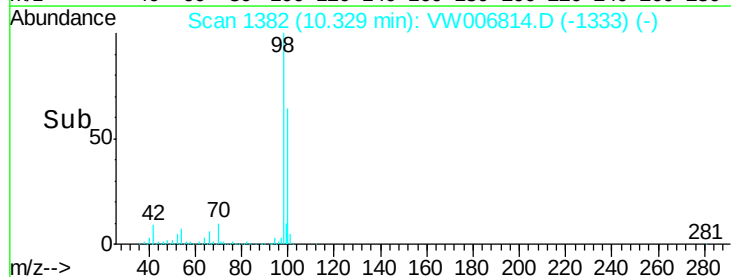
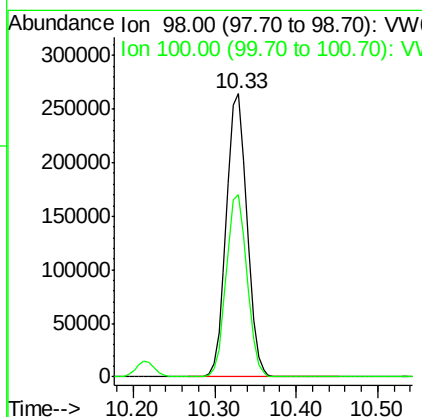
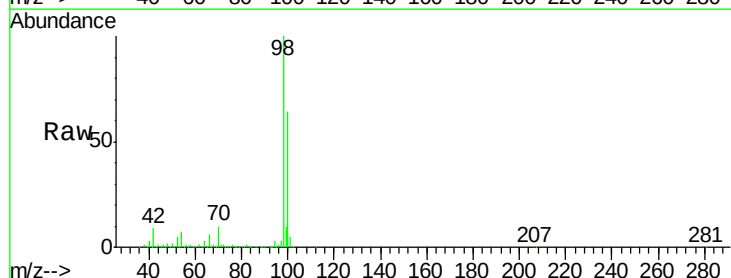
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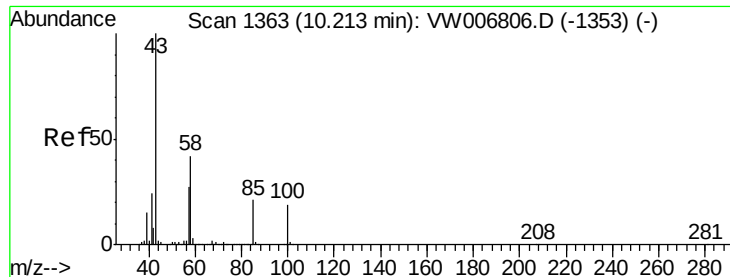
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#50
Toluene-d8
Concen: 44.739 ug/l
RT: 10.33 min Scan# 1382
Delta R.T. 0.00 min
Lab File: VW006814.D
Acq: 12 Nov 2018 18:39

Tgt Ion	Ratio	Lower	Upper
98	100		
100	64.7	51.4	77.2





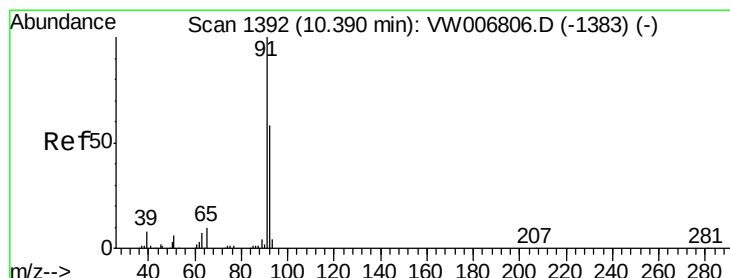
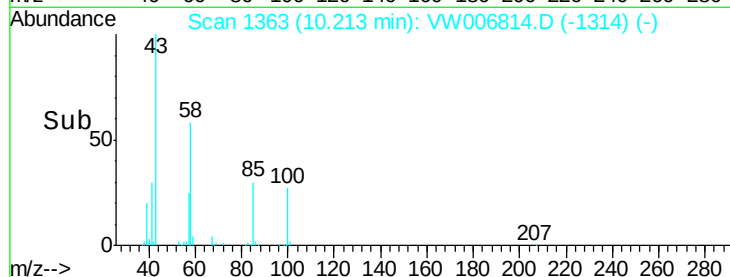
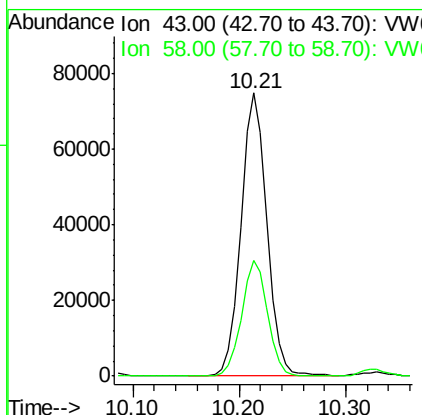
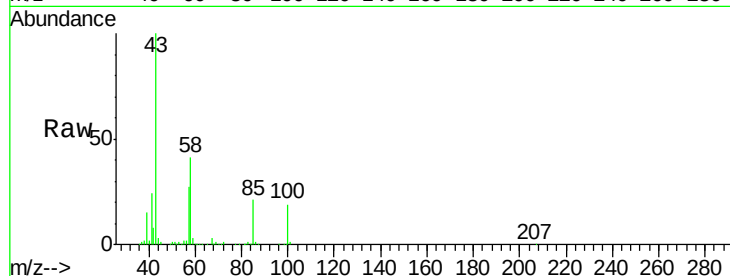
#51
 4-Methyl-2-Pentanone
 Concen: 102.753 ug/l
 RT: 10.21 min Scan# 1363
 Delta R.T. 0.00 min
 Lab File: VW006814.D
 Acq: 12 Nov 2018 18:39

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1112SBSD01

Tgt Ion	Ratio	Lower	Upper
43	100		
58	40.9	34.0	51.0

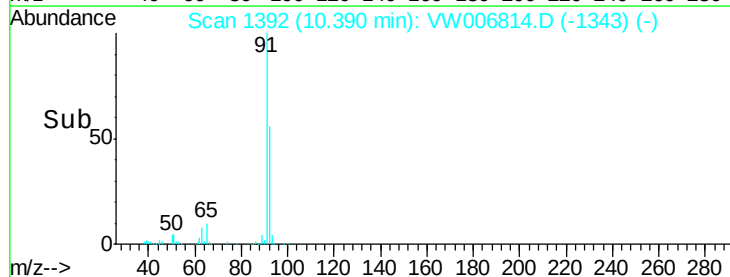
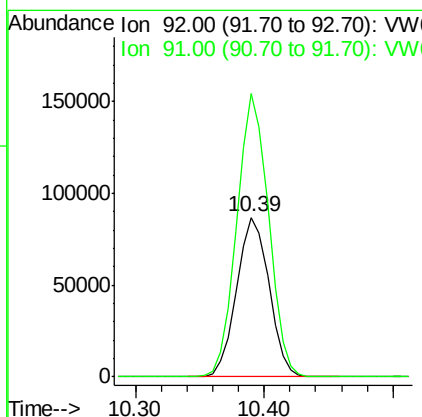
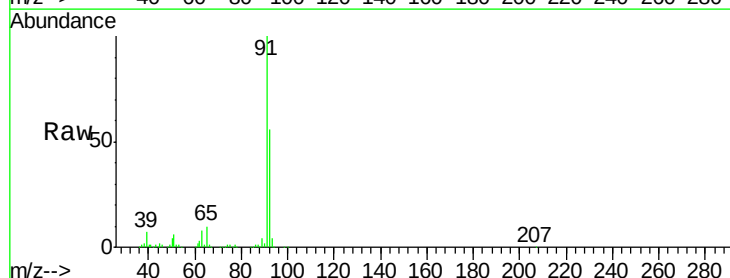
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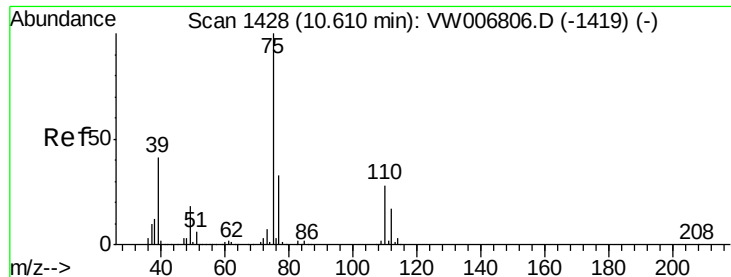
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#52
 Toluene
 Concen: 19.697 ug/l
 RT: 10.39 min Scan# 1392
 Delta R.T. 0.00 min
 Lab File: VW006814.D
 Acq: 12 Nov 2018 18:39

Tgt Ion	Ratio	Lower	Upper
92	100		
91	174.0	139.4	209.2





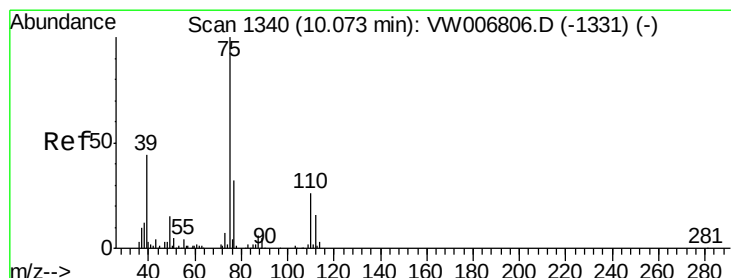
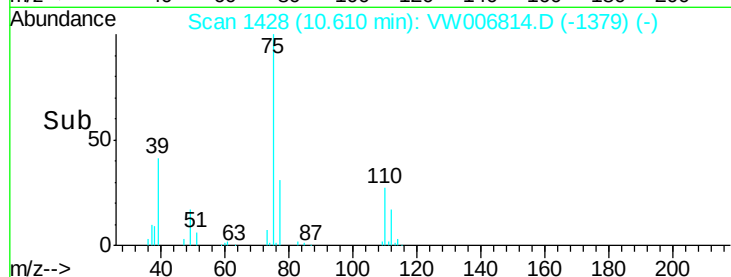
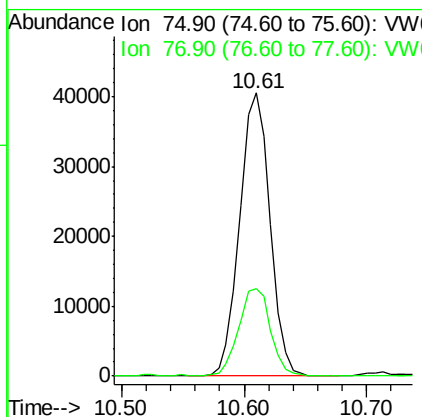
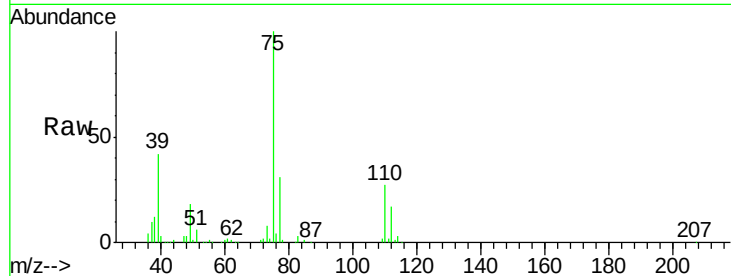
#53
 t-1,3-Dichloropropene
 Concen: 20.266 ug/l
 RT: 10.61 min Scan# 1428
 Delta R.T. 0.00 min
 Lab File: VW006814.D
 Acq: 12 Nov 2018 18:39

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1112SBSD01

Tgt Ion: 75 Resp: 69747
 Ion Ratio Lower Upper
 75 100
 77 31.0 26.3 39.5

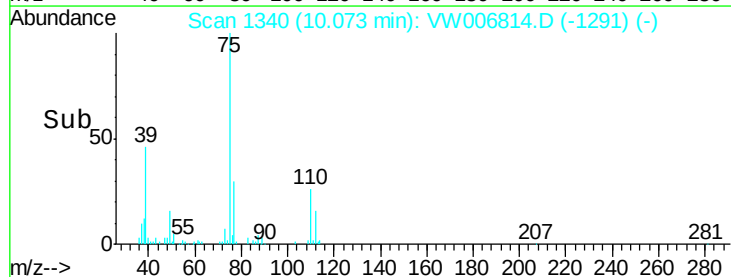
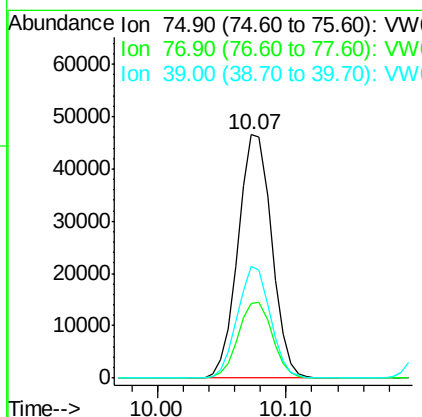
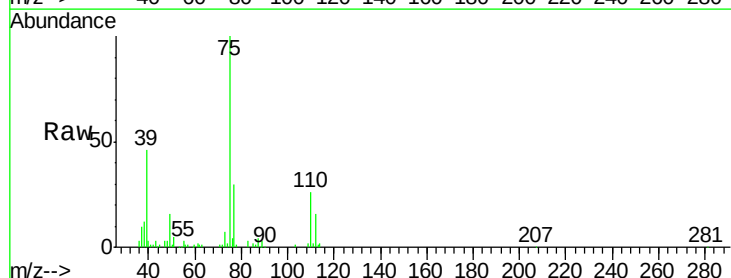
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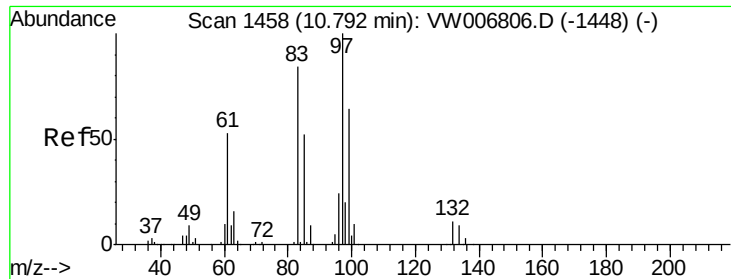
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#54
 cis-1,3-Dichloropropene
 Concen: 20.694 ug/l
 RT: 10.07 min Scan# 1340
 Delta R.T. 0.00 min
 Lab File: VW006814.D
 Acq: 12 Nov 2018 18:39

Tgt Ion: 75 Resp: 84450
 Ion Ratio Lower Upper
 75 100
 77 30.5 25.2 37.8
 39 45.5 35.3 52.9





#55

1,1,2-Trichloroethane

Concen: 20.679 ug/l

RT: 10.79 min Scan# 1458

Delta R.T. 0.00 min

Lab File: VW006814.D

Acq: 12 Nov 2018 18:39

Instrument :

MSVOA_W

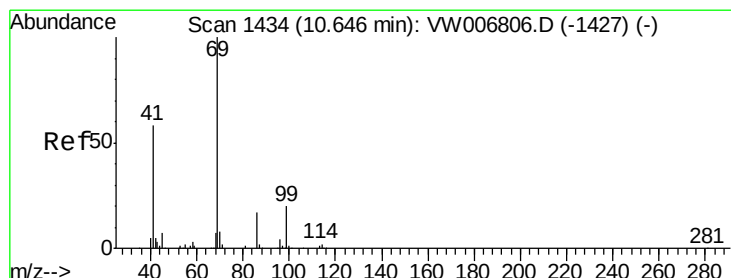
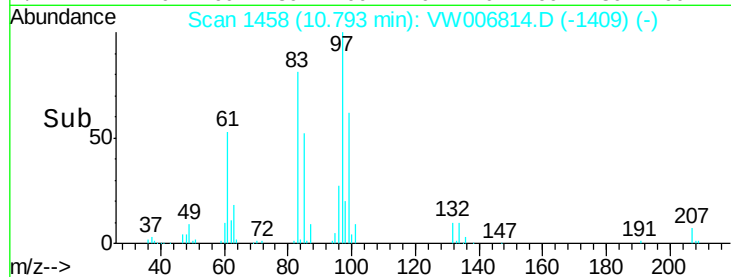
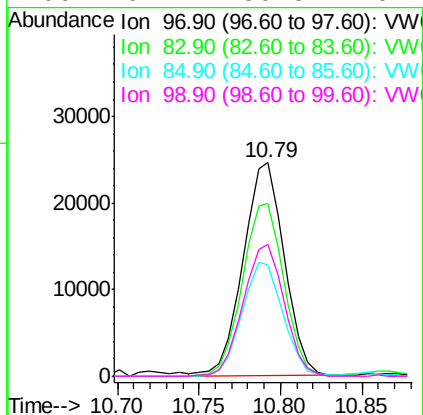
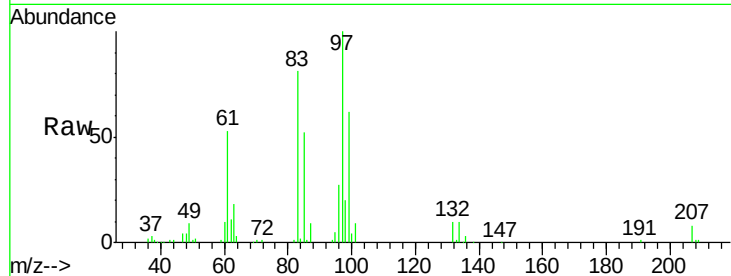
ClientSampleId :

VW1112SBSD01

Tgt Ion:	97	Resp:	43248
Ion Ratio	Lower	Upper	
97	100		
83	81.0	67.0	100.4
85	52.1	41.7	62.5
99	62.2	50.8	76.2

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#56

Ethyl methacrylate

Concen: 19.790 ug/l

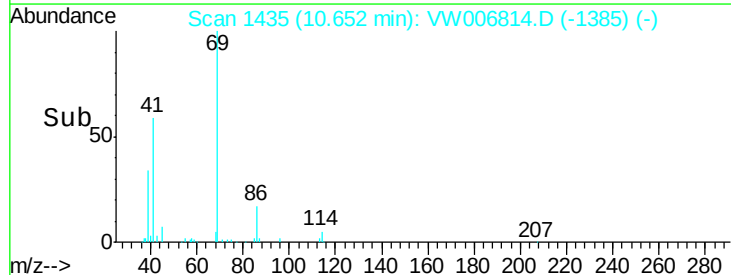
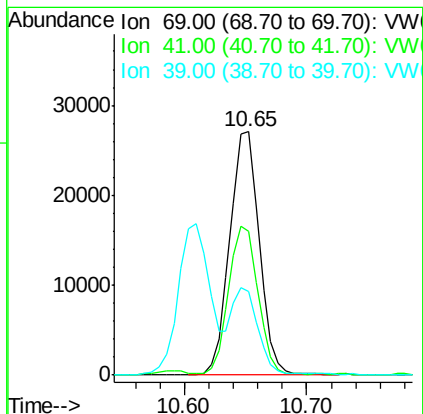
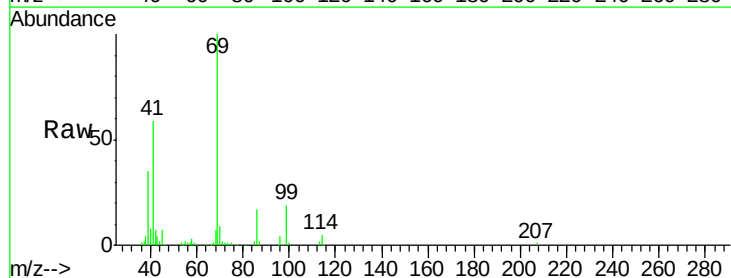
RT: 10.65 min Scan# 1435

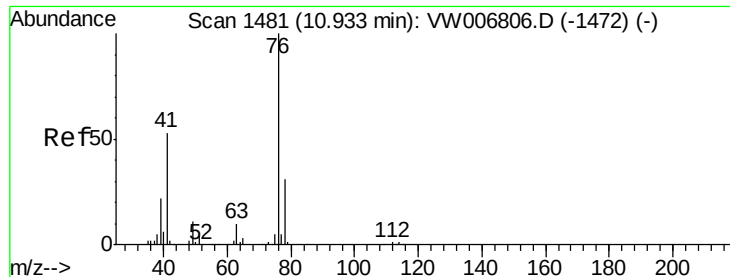
Delta R.T. 0.01 min

Lab File: VW006814.D

Acq: 12 Nov 2018 18:39

Tgt Ion:	69	Resp:	45360
Ion Ratio	Lower	Upper	
69	100		
41	60.4	47.0	70.4
39	30.6	23.1	34.7





#57

1,3-Dichloropropane

Concen: 20.822 ug/l

RT: 10.93 min Scan# 1481

Delta R.T. 0.00 min

Lab File: VW006814.D

Acq: 12 Nov 2018 18:39

Instrument :

MSVOA_W

ClientSampleId :

VW1112SBS01

Tgt Ion: 76 Resp: 68967

Ion Ratio Lower Upper

76 100

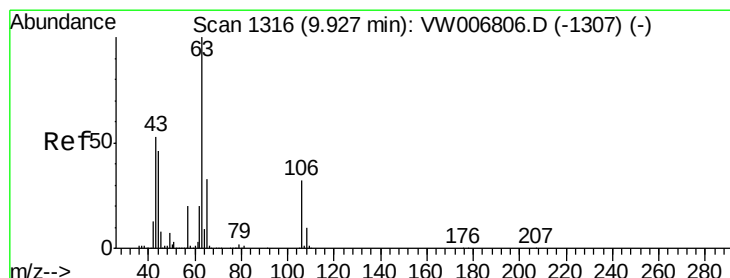
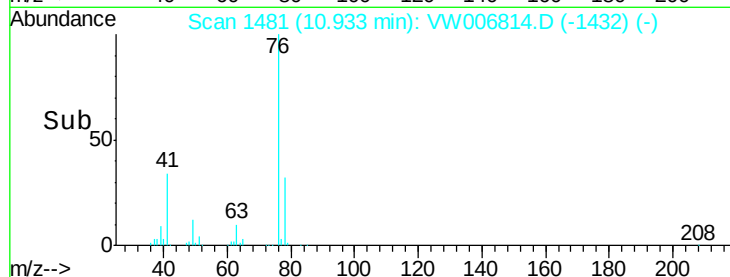
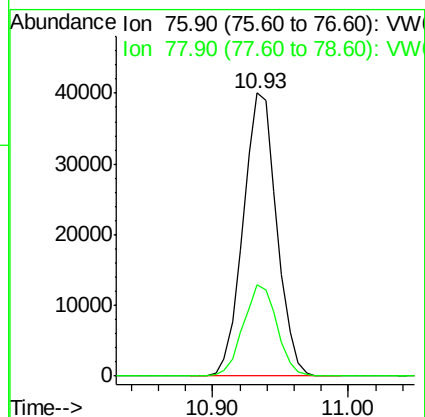
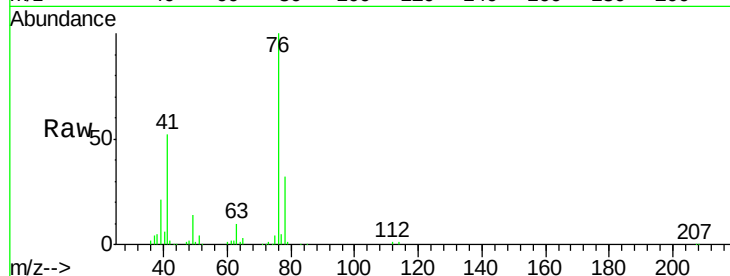
78 32.5 26.2 39.2

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#58

2-Chloroethyl Vinyl ether

Concen: 107.320 ug/l

RT: 9.93 min Scan# 1316

Delta R.T. 0.00 min

Lab File: VW006814.D

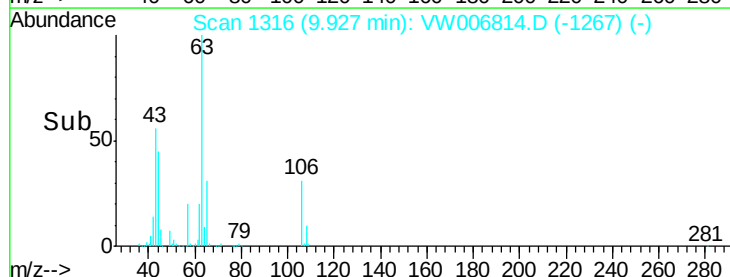
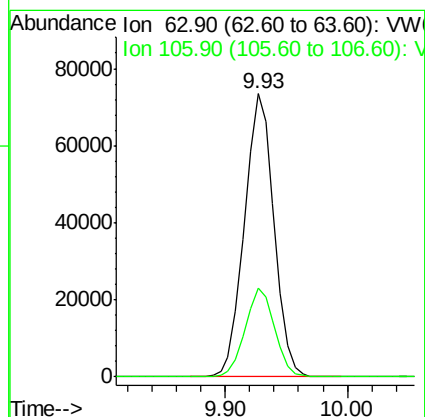
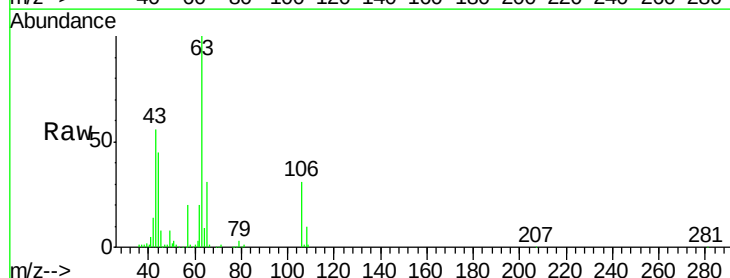
Acq: 12 Nov 2018 18:39

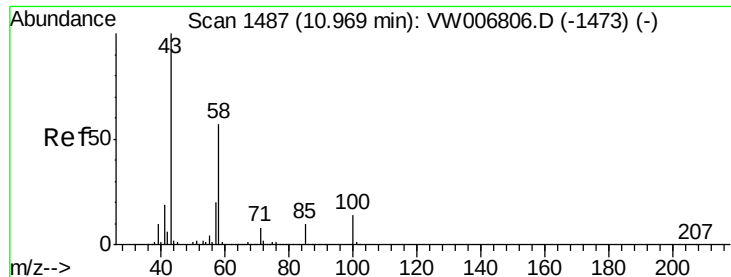
Tgt Ion: 63 Resp: 123200

Ion Ratio Lower Upper

63 100

106 31.2 25.4 38.0





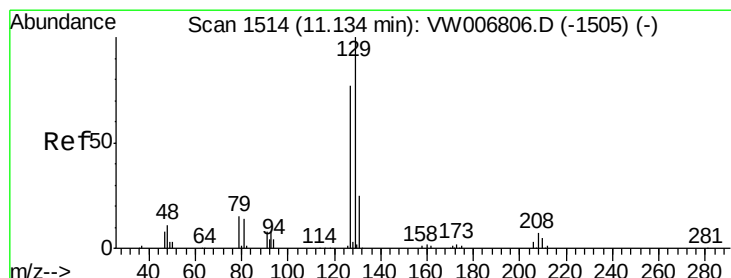
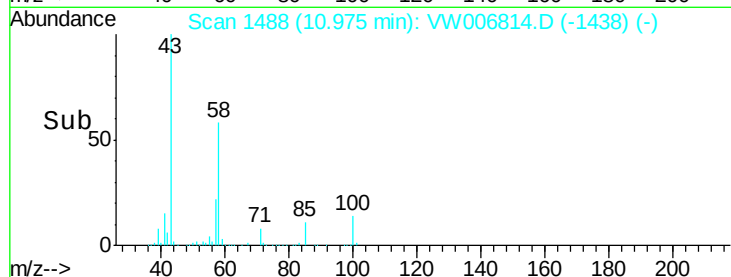
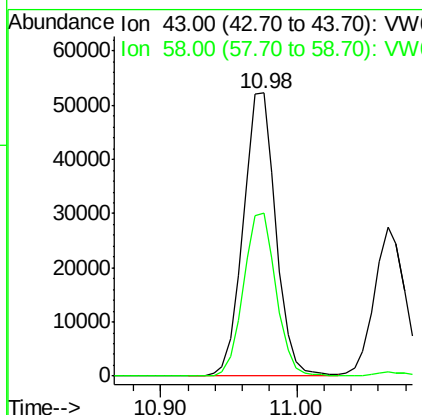
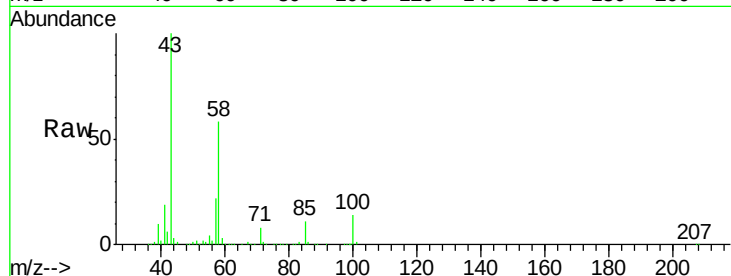
#59
2-Hexanone
Concen: 101.912 ug/l
RT: 10.98 min Scan# 1488
Delta R.T. 0.01 min
Lab File: VW006814.D
Acq: 12 Nov 2018 18:39

Instrument :
MSVOA_W
ClientSampleId :
VW1112SBSD01

Tgt Ion: 43 Resp: 87577
Ion Ratio Lower Upper
43 100
58 57.8 28.7 86.1

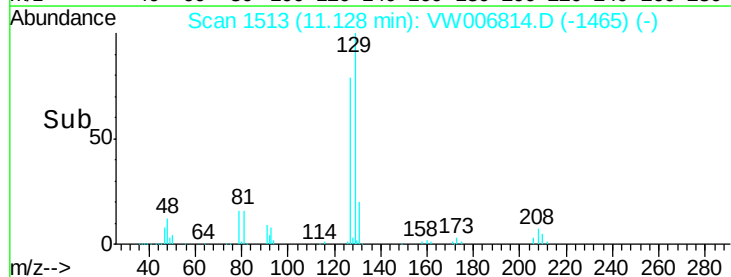
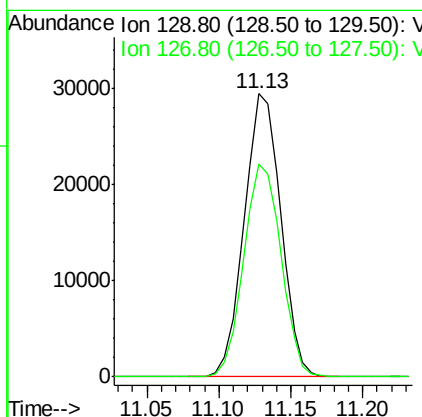
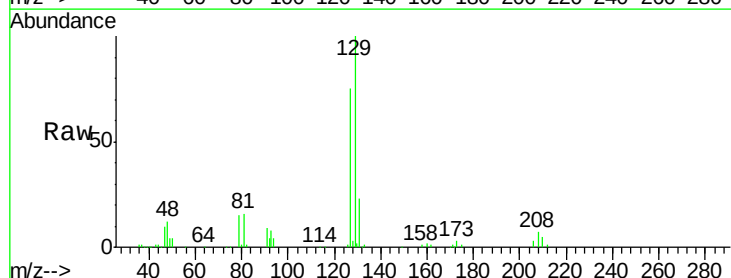
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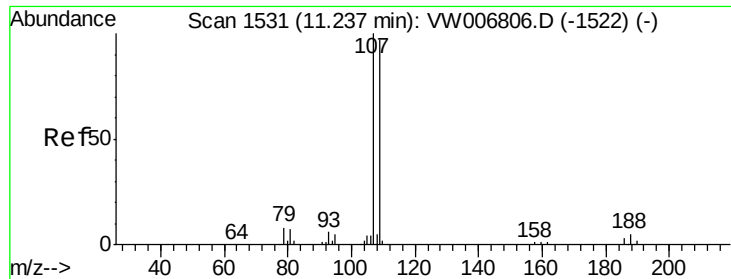
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#60
Dibromochloromethane
Concen: 20.212 ug/l
RT: 11.13 min Scan# 1513
Delta R.T. -0.01 min
Lab File: VW006814.D
Acq: 12 Nov 2018 18:39

Tgt Ion: 129 Resp: 51726
Ion Ratio Lower Upper
129 100
127 76.4 38.7 116.1





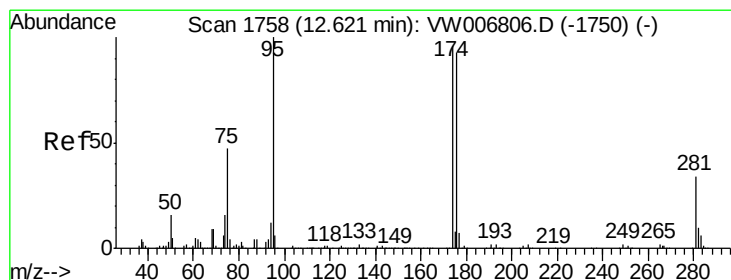
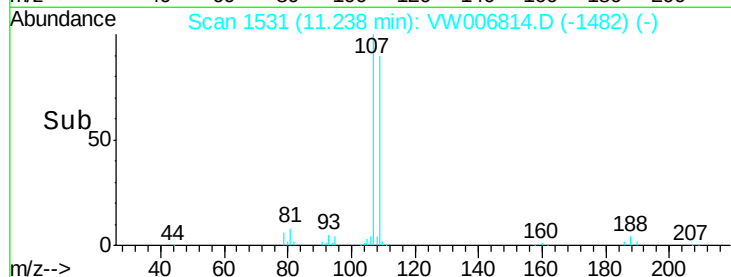
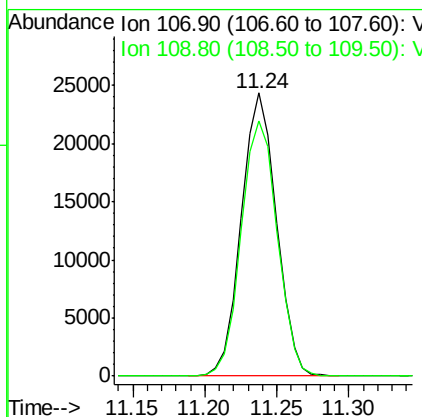
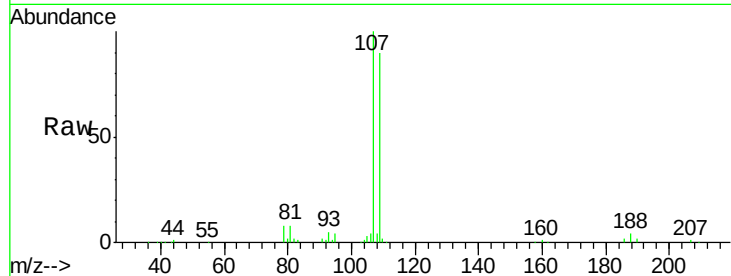
#61
 1,2-Dibromoethane
 Concen: 20.689 ug/l
 RT: 11.24 min Scan# 1531
 Delta R.T. 0.00 min
 Lab File: VW006814.D
 Acq: 12 Nov 2018 18:39

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1112SBSD01

Tgt Ion: 107 Resp: 41094
 Ion Ratio Lower Upper
 107 100
 109 92.9 76.7 115.1

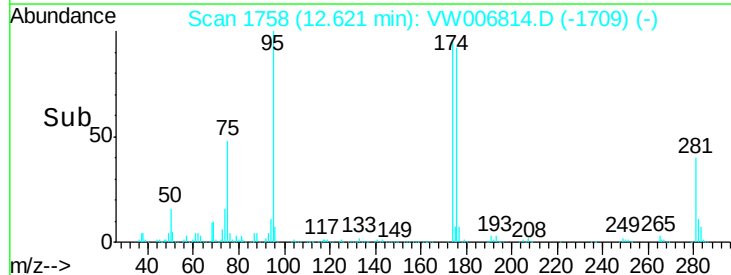
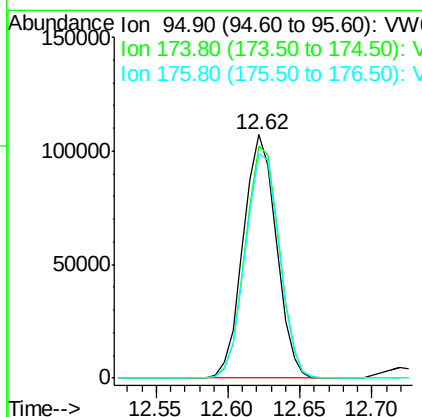
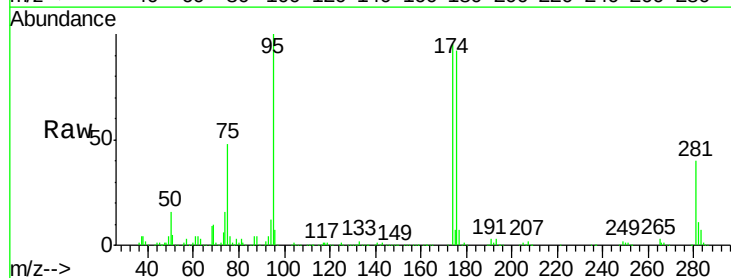
Manual Integrations
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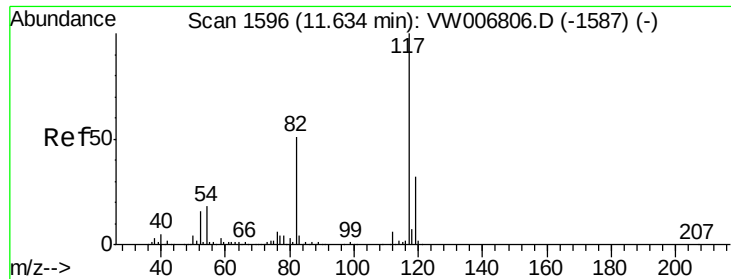
apatel
 11/13/2018 11:53:58 AM



#62
 4-Bromofluorobenzene
 Concen: 44.892 ug/l
 RT: 12.62 min Scan# 1758
 Delta R.T. 0.00 min
 Lab File: VW006814.D
 Acq: 12 Nov 2018 18:39

Tgt Ion: 95 Resp: 170372
 Ion Ratio Lower Upper
 95 100
 174 97.8 0.0 196.6
 176 95.1 0.0 191.6





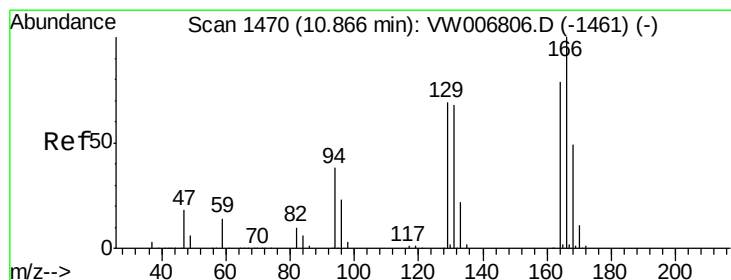
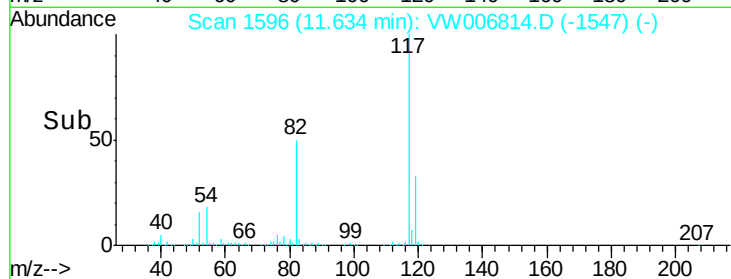
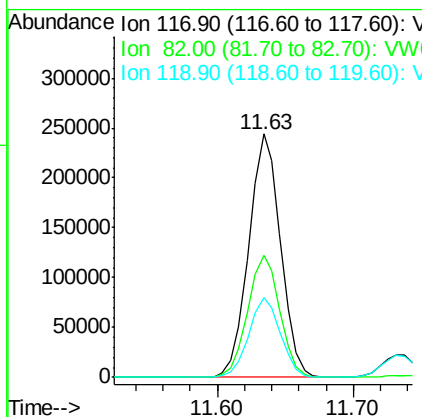
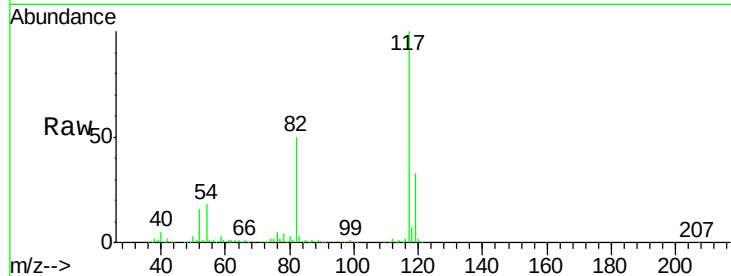
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.00 min
Lab File: VW006814.D
Acq: 12 Nov 2018 18:39

Instrument :
MSVOA_W
ClientSampleId :
VW1112SBSD01

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	399674		
82	50.1		40.6	61.0
119	32.8		25.5	38.3

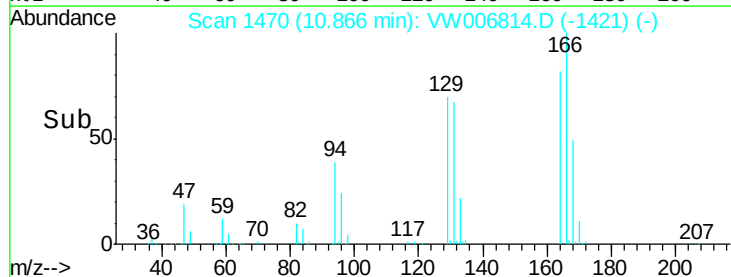
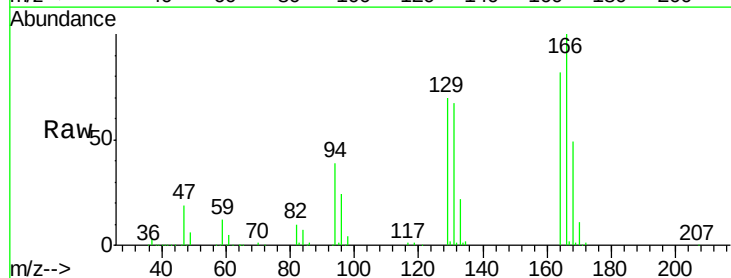
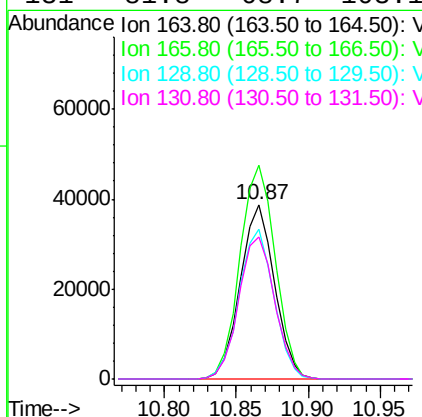
Manual Integrations
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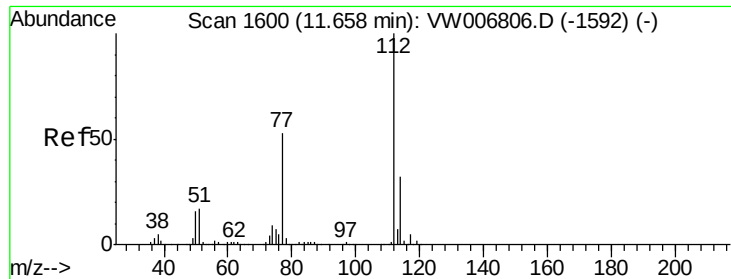
apatel
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#64
Tetrachloroethene
Concen: 20.008 ug/l
RT: 10.87 min Scan# 1470
Delta R.T. 0.00 min
Lab File: VW006814.D
Acq: 12 Nov 2018 18:39

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	64084		
166	122.5		101.3	151.9
129	85.7		69.6	104.4
131	81.8		68.7	103.1





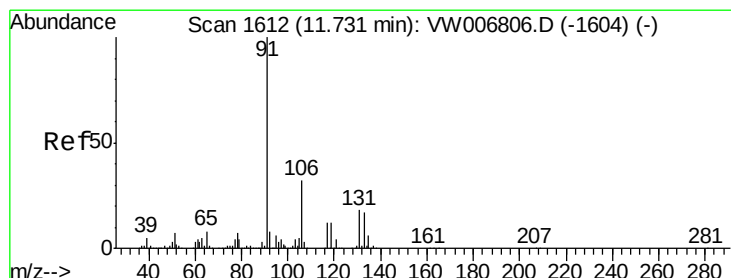
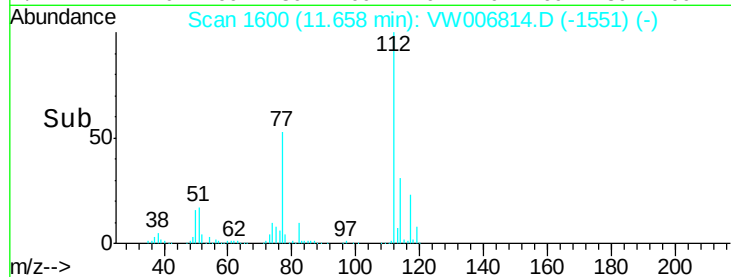
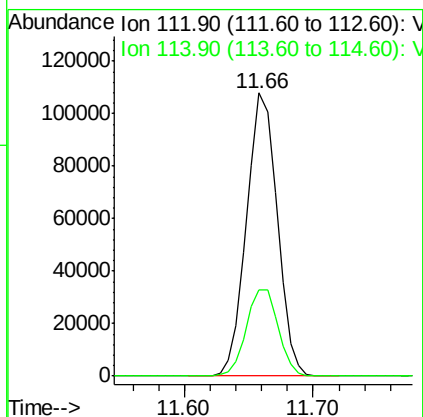
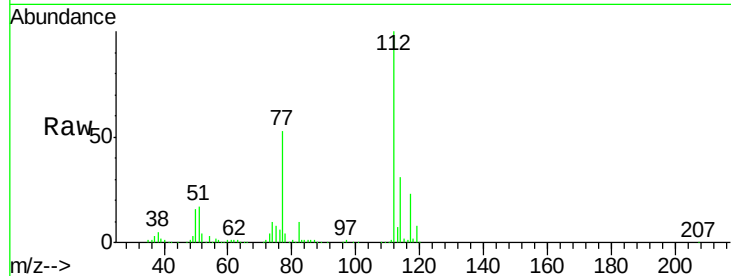
#65
Chlorobenzene
Concen: 20.057 ug/l
RT: 11.66 min Scan# 1600
Delta R.T. 0.00 min
Lab File: VW006814.D
Acq: 12 Nov 2018 18:39

Instrument :
MSVOA_W
ClientSampleId :
VW1112SBSD01

Tgt Ion:112 Resp: 177843
Ion Ratio Lower Upper
112 100
114 30.6 26.0 39.0

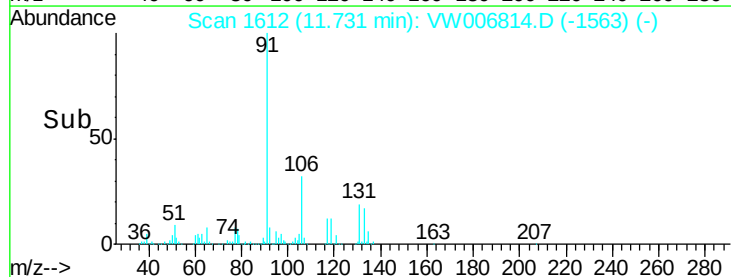
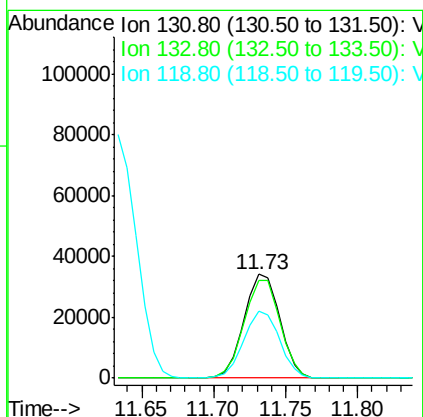
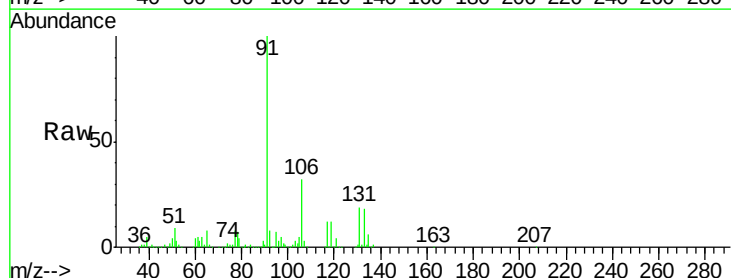
Manual Integrations
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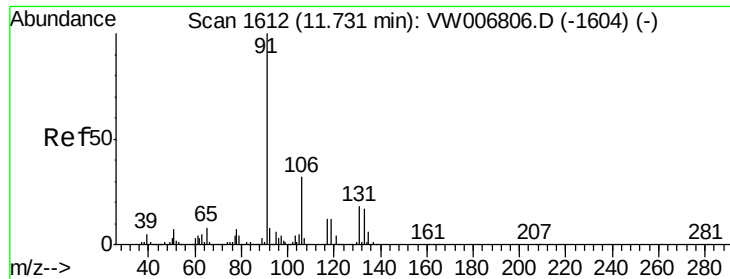
apatel
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#66
1,1,1,2-Tetrachloroethane
Concen: 20.384 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. 0.00 min
Lab File: VW006814.D
Acq: 12 Nov 2018 18:39

Tgt Ion:131 Resp: 58647
Ion Ratio Lower Upper
131 100
133 95.9 47.9 143.8
119 64.5 32.4 97.2





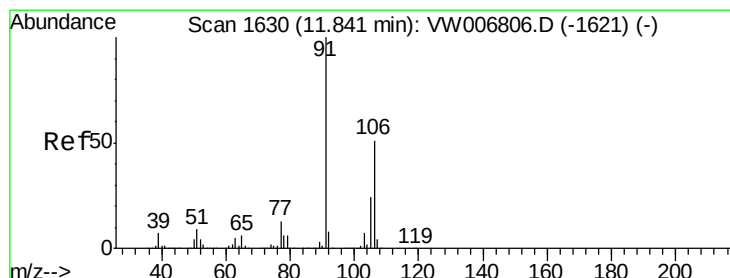
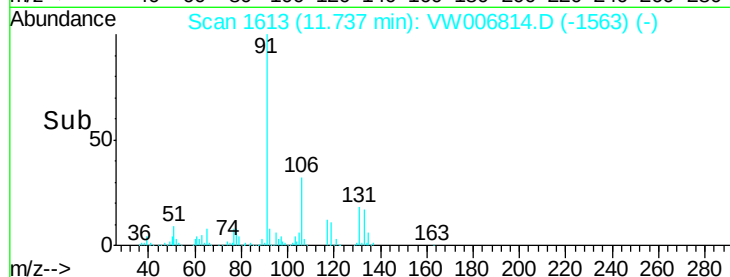
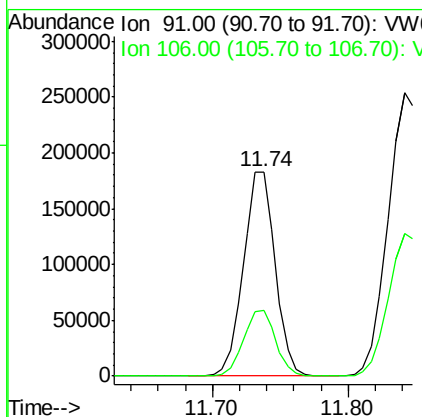
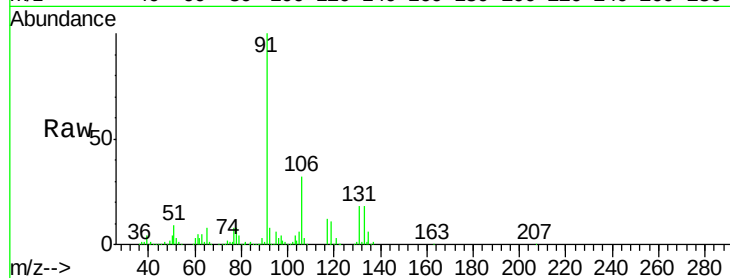
#67
Ethyl Benzene
Concen: 19.773 ug/l
RT: 11.74 min Scan# 1613
Delta R.T. 0.01 min
Lab File: VW006814.D
Acq: 12 Nov 2018 18:39

Instrument :
MSVOA_W
ClientSampleId :
VW1112SBSD01

Tgt Ion: 91 Resp: 298886
Ion Ratio Lower Upper
91 100
106 32.2 25.4 38.0

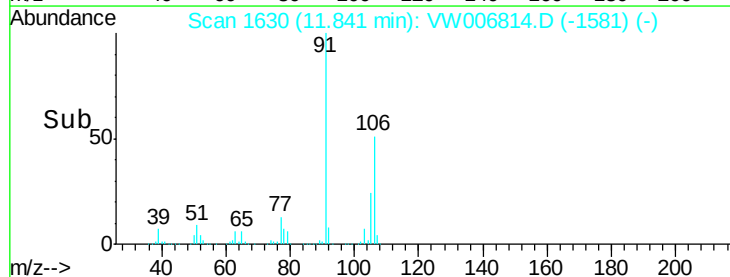
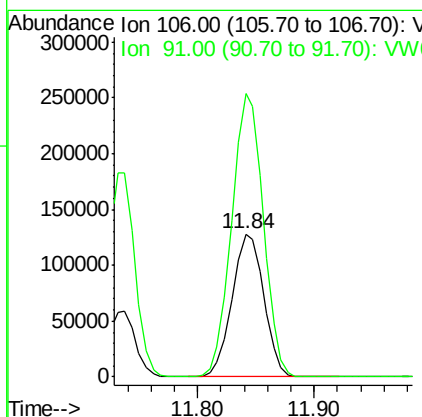
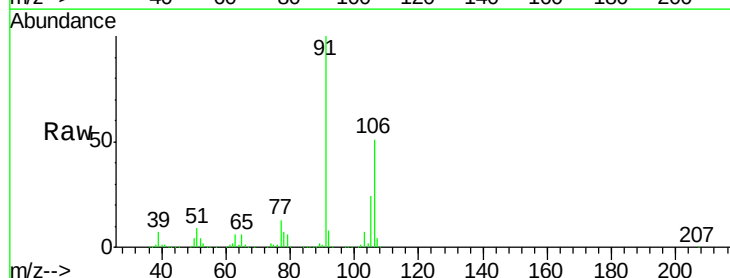
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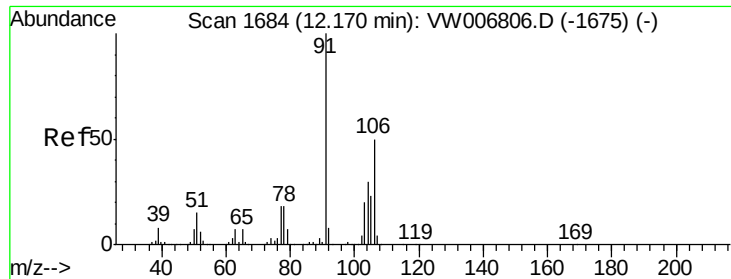
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#68
m/p-Xylenes
Concen: 39.338 ug/l
RT: 11.84 min Scan# 1630
Delta R.T. 0.00 min
Lab File: VW006814.D
Acq: 12 Nov 2018 18:39

Tgt Ion: 106 Resp: 243293
Ion Ratio Lower Upper
106 100
91 196.8 155.7 233.5





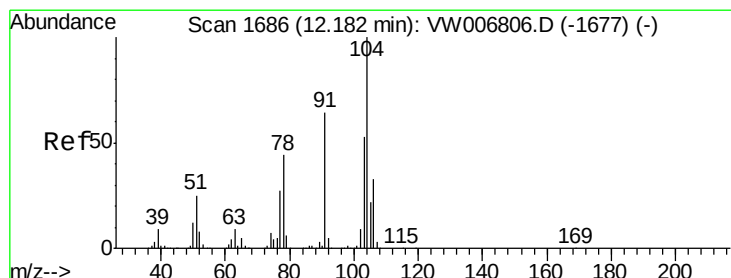
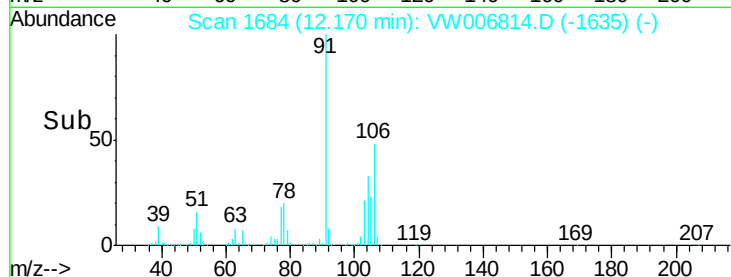
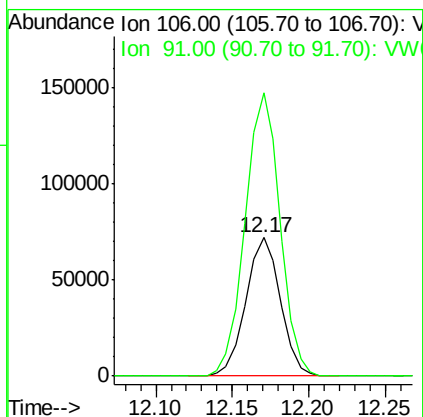
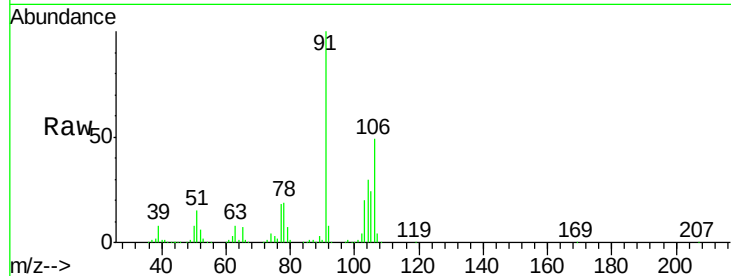
#69
o-Xylene
Concen: 19.618 ug/l
RT: 12.17 min Scan# 1684
Delta R.T. 0.00 min
Lab File: VW006814.D
Acq: 12 Nov 2018 18:39

Instrument :
MSVOA_W
ClientSampleId :
VW1112SBSD01

Tgt Ion:106 Resp: 112921
Ion Ratio Lower Upper
106 100
91 206.7 101.9 305.7

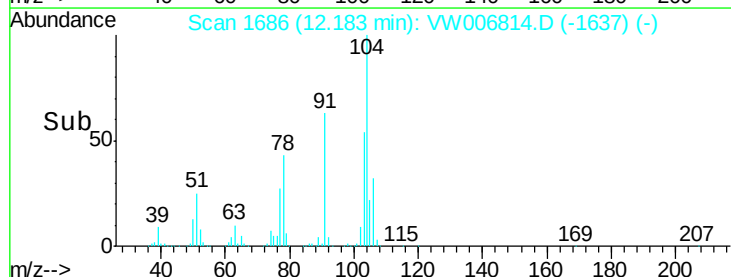
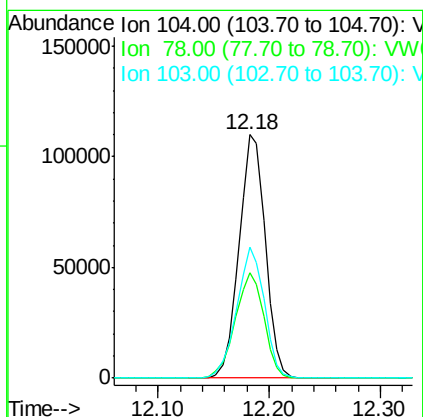
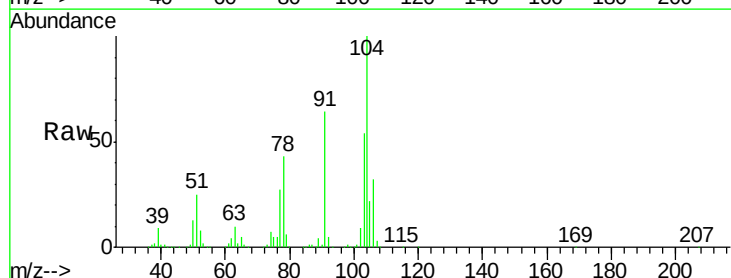
Manual Integrations
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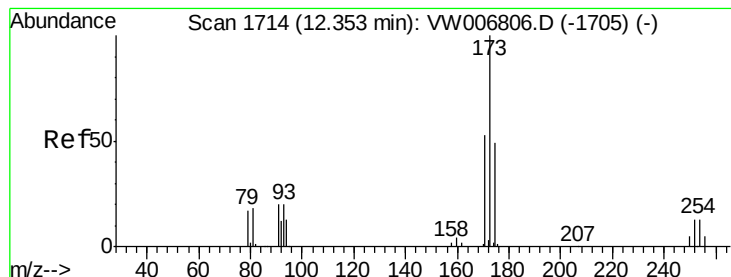
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#70
Styrene
Concen: 19.569 ug/l
RT: 12.18 min Scan# 1686
Delta R.T. 0.00 min
Lab File: VW006814.D
Acq: 12 Nov 2018 18:39

Tgt Ion:104 Resp: 180286
Ion Ratio Lower Upper
104 100
78 47.2 37.3 55.9
103 56.2 44.6 66.8





#71

Bromoform

Concen: 19.553 ug/l

RT: 12.35 min Scan# 1714

Delta R.T. 0.00 min

Lab File: VW006814.D

Acq: 12 Nov 2018 18:39

Instrument :

MSVOA_W

ClientSampleId :

VW1112SBSD01

Tgt Ion:173 Resp: 30702

Ion Ratio Lower Upper

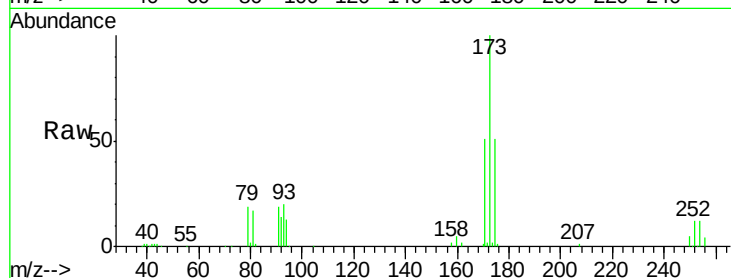
173 100

175 49.3 24.4 73.4

254 0.0 0.1 0.1#

Manual Integrations
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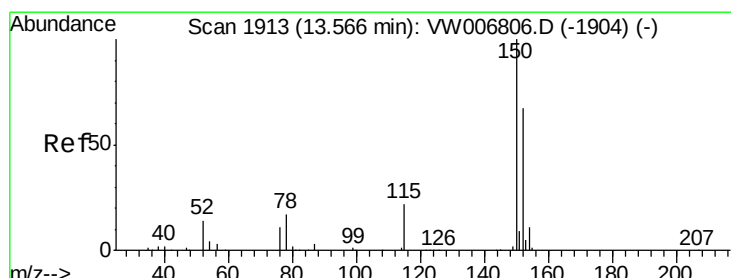
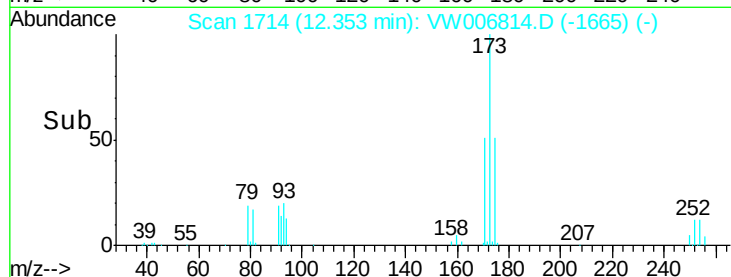
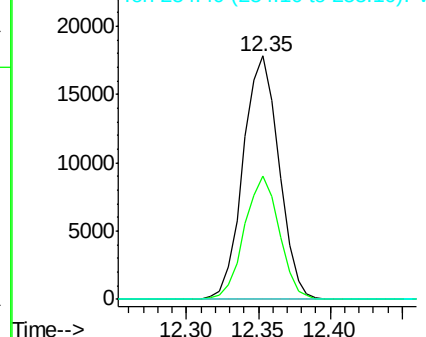
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Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.57 min Scan# 1913

Delta R.T. 0.00 min

Lab File: VW006814.D

Acq: 12 Nov 2018 18:39

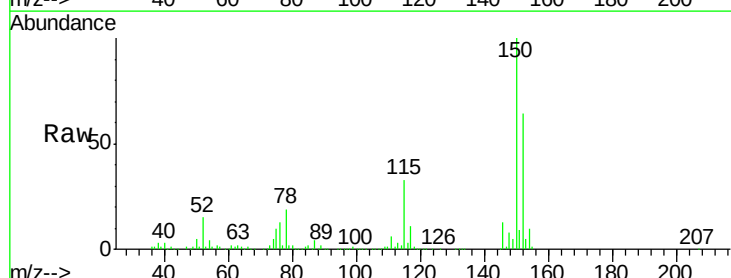
Tgt Ion:152 Resp: 228453

Ion Ratio Lower Upper

152 100

115 53.3 27.3 81.8

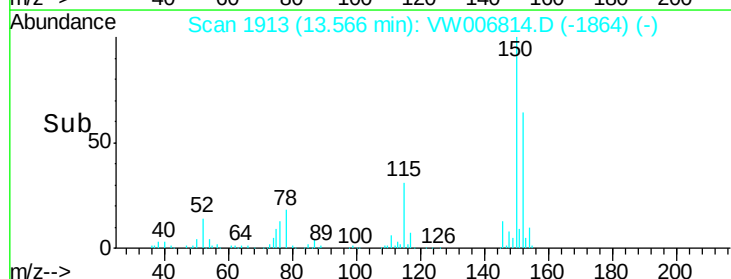
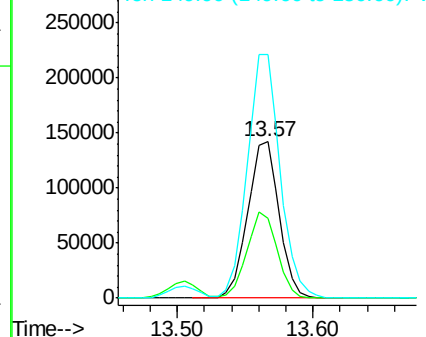
150 163.3 0.0 353.0

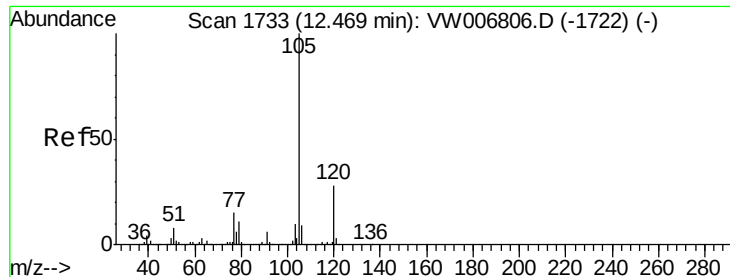


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 19.588 ug/l

RT: 12.47 min Scan# 1733

Delta R.T. 0.00 min

Lab File: VW006814.D

Acq: 12 Nov 2018 18:39

Instrument :

MSVOA_W

ClientSampleId :

VW1112SBS01

Tgt Ion: 105 Resp: 310623

Ion Ratio Lower Upper

105 100

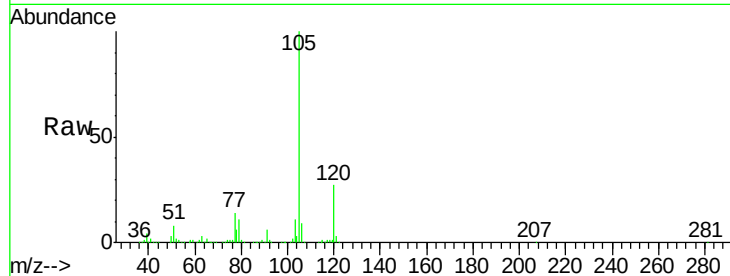
120 27.3 14.0 42.0

Manual Integrations

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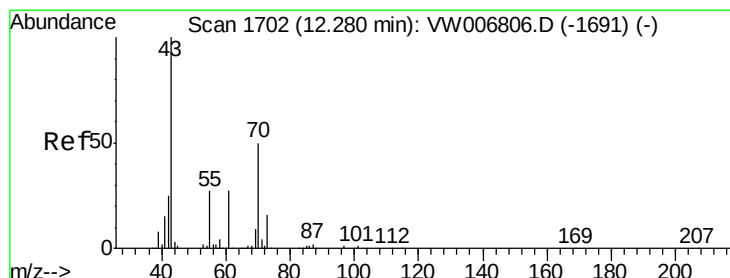
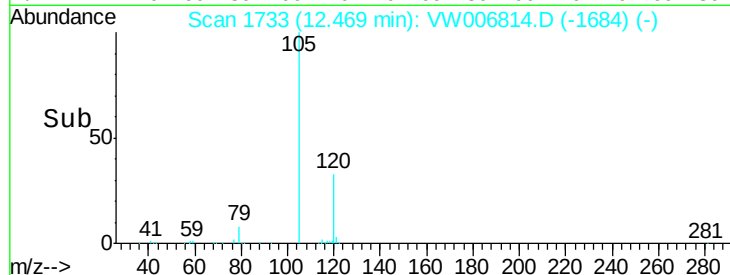
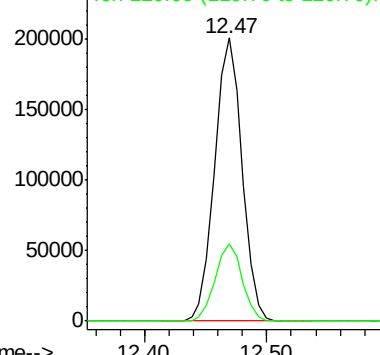
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 20.199 ug/l

RT: 12.27 min Scan# 1701

Delta R.T. -0.01 min

Lab File: VW006814.D

Acq: 12 Nov 2018 18:39

Tgt Ion: 43 Resp: 48433

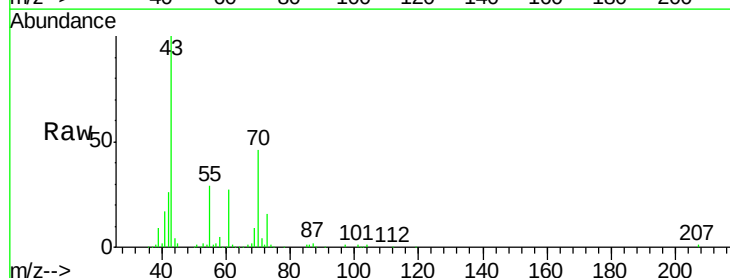
Ion Ratio Lower Upper

43 100

70 47.6 39.0 58.4

55 28.7 22.1 33.1

61 25.6 21.1 31.7

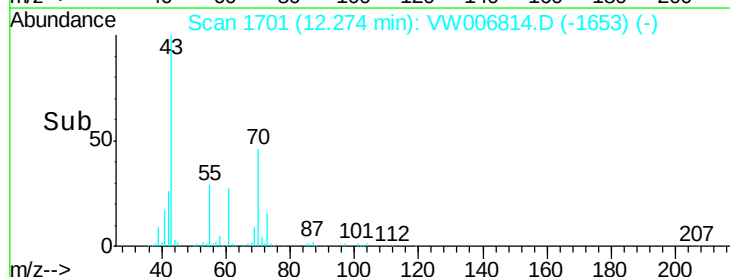
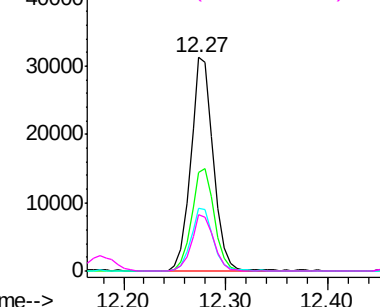


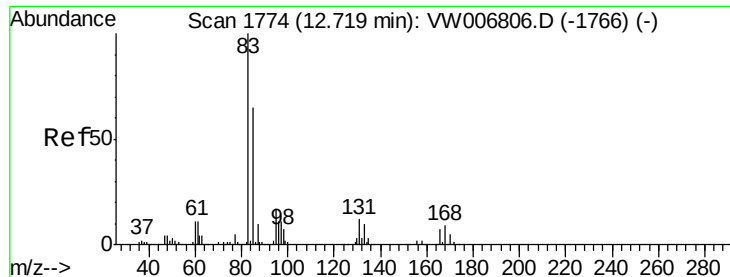
Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 70.00 (69.70 to 70.70): VW

Ion 55.00 (54.70 to 55.70): VW

Ion 61.00 (60.70 to 61.70): VW





#75

1,1,2,2-Tetrachloroethane

Concen: 20.705 ug/l

RT: 12.72 min Scan# 1774

Delta R.T. 0.00 min

Lab File: VW006814.D

Acq: 12 Nov 2018 18:39

Instrument :

MSVOA_W

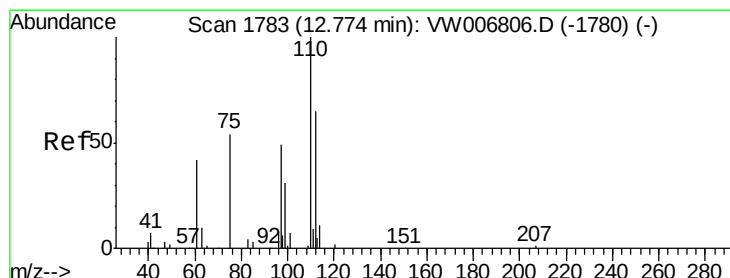
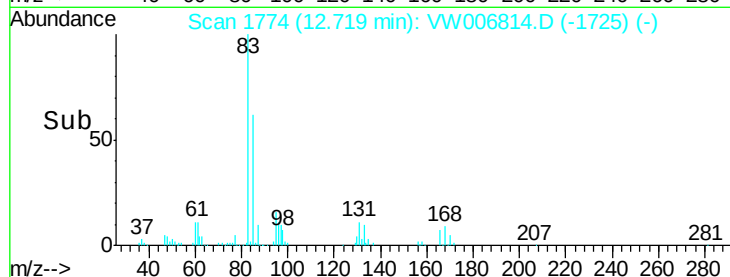
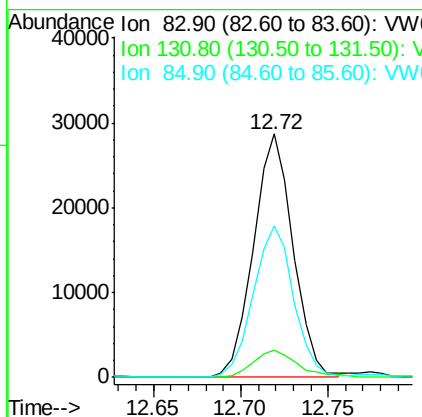
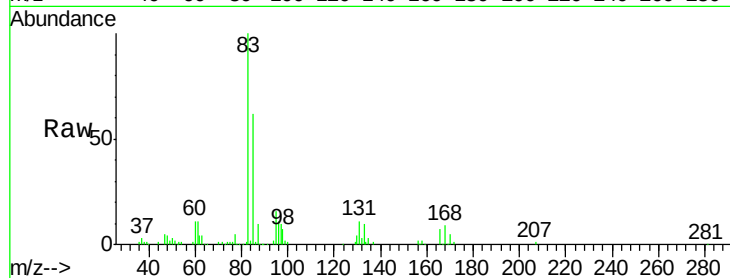
ClientSampleId :

VW1112SBSD01

Tgt Ion:	83	Resp:	45421
Ion Ratio	Lower	Upper	
83	100		
131	12.3	6.1	18.3
85	63.5	32.4	97.0

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#76

1,2,3-Trichloropropane

Concen: 20.704 ug/l m

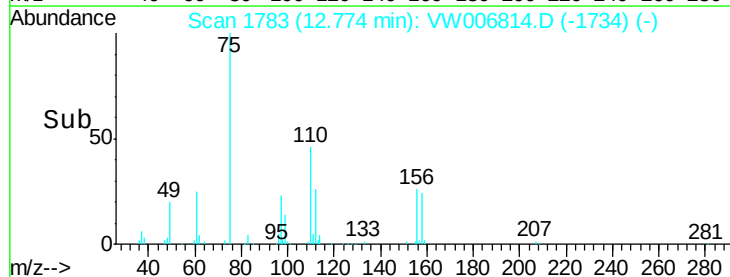
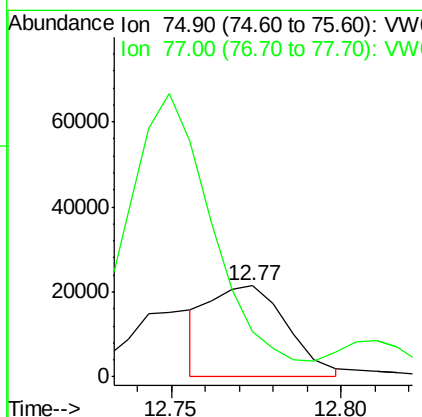
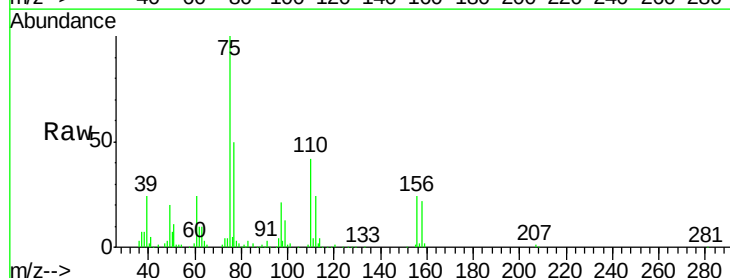
RT: 12.77 min Scan# 1783

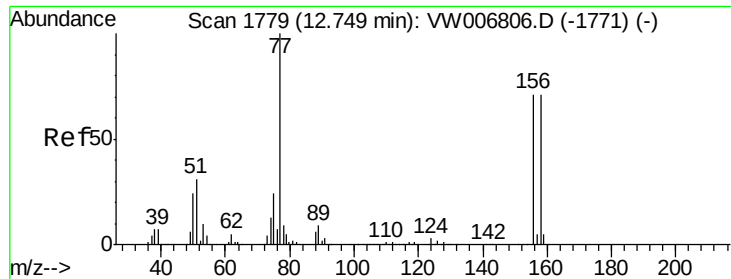
Delta R.T. 0.00 min

Lab File: VW006814.D

Acq: 12 Nov 2018 18:39

Tgt Ion:	75	Resp:	34087
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





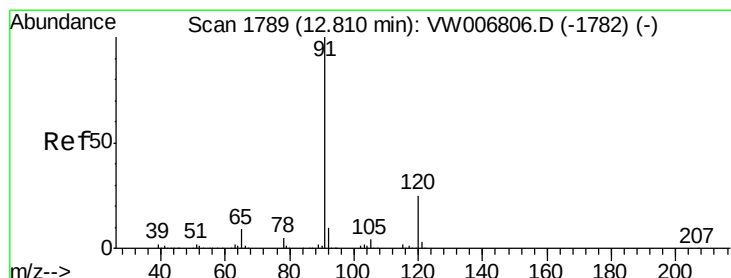
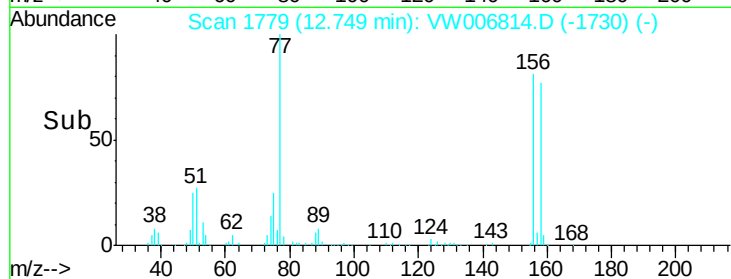
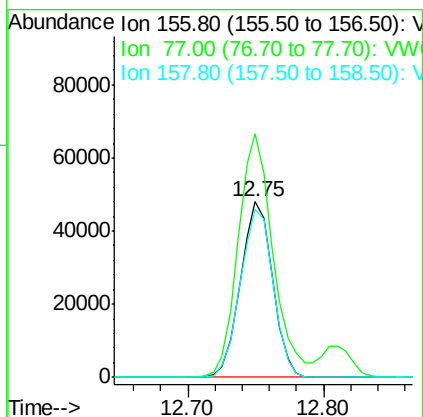
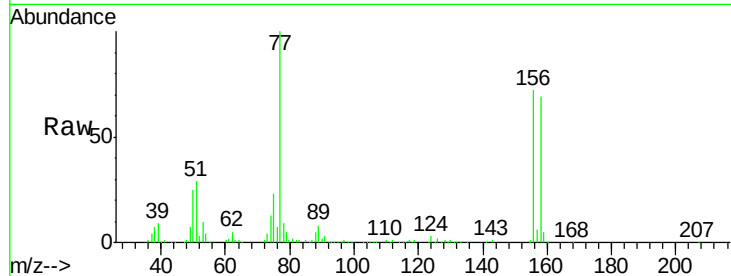
#77
Bromobenzene
Concen: 19.835 ug/l
RT: 12.75 min Scan# 1779
Delta R.T. 0.00 min
Lab File: VW006814.D
Acq: 12 Nov 2018 18:39

Instrument :
MSVOA_W
ClientSampleId :
VW1112SBSD01

Tgt Ion	Ratio	Lower	Upper
156	100		
77	151.0	75.3	225.7
158	97.8	49.2	147.6

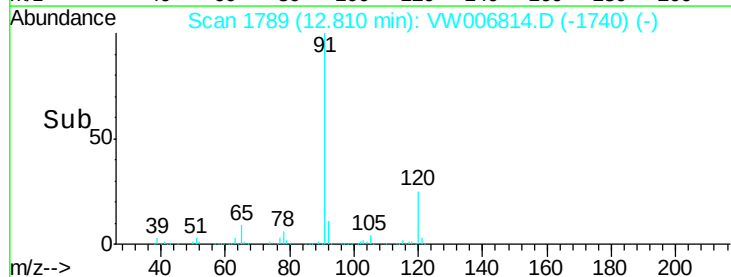
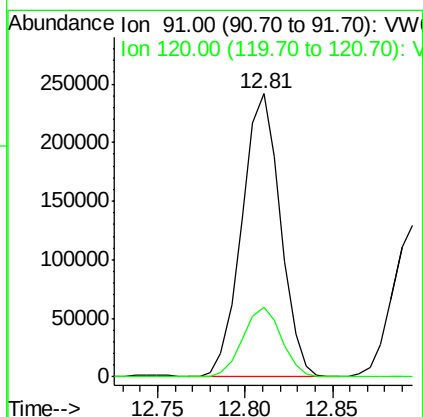
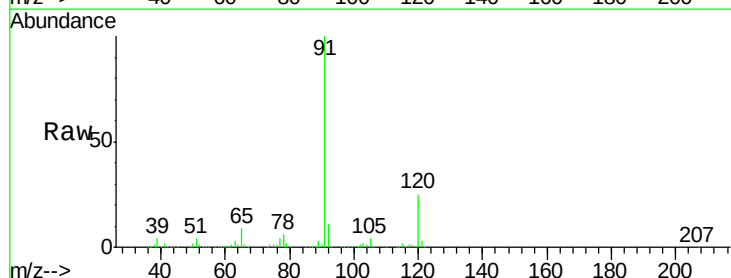
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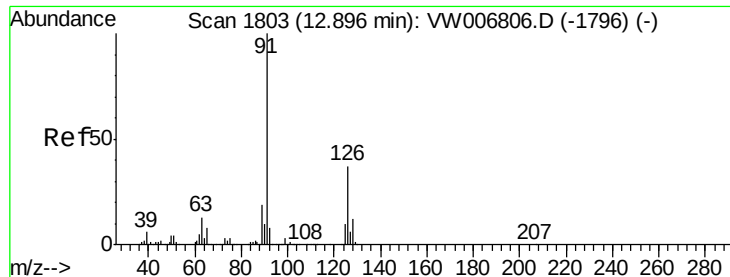
apatel
11/13/2018 11:53:58 AM



#78
n-propylbenzene
Concen: 19.775 ug/l
RT: 12.81 min Scan# 1789
Delta R.T. 0.00 min
Lab File: VW006814.D
Acq: 12 Nov 2018 18:39

Tgt Ion	Ratio	Lower	Upper
91	100		
120	24.8	12.4	37.4





#79

2-Chlorotoluene

Concen: 19.692 ug/l

RT: 12.90 min Scan# 1803

Delta R.T. 0.00 min

Lab File: VW006814.D

Acq: 12 Nov 2018 18:39

Instrument :

MSVOA_W

ClientSampleId :

VW1112SBSD01

Tgt Ion: 91 Resp: 206776

Ion Ratio Lower Upper

91 100

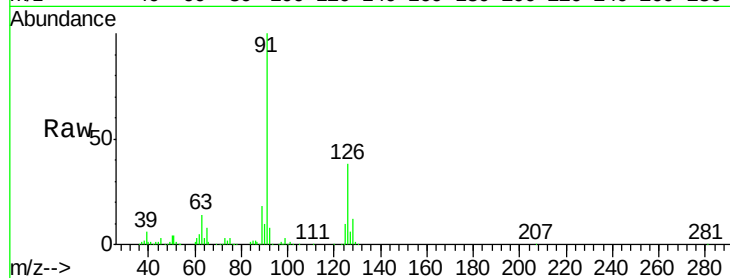
126 37.7 18.5 55.5

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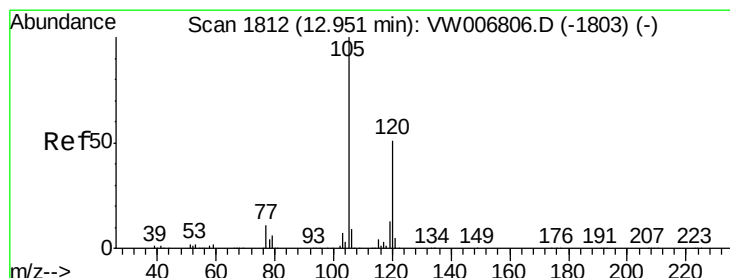
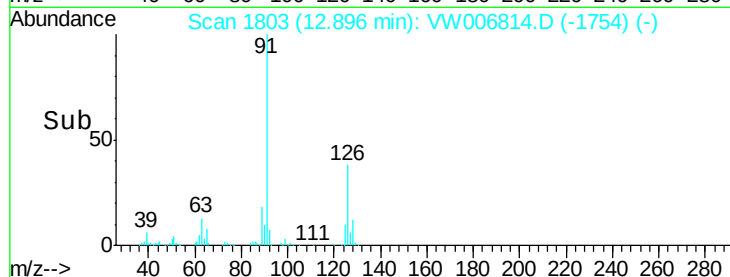
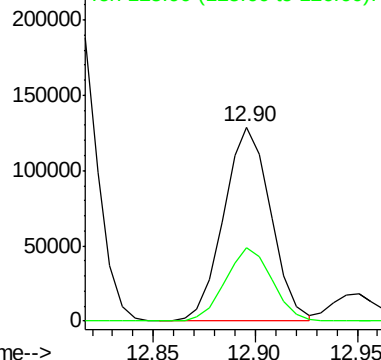
apatel

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Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 125.90 (125.60 to 126.60): V



#80

1,3,5-Trimethylbenzene

Concen: 19.730 ug/l

RT: 12.95 min Scan# 1812

Delta R.T. 0.00 min

Lab File: VW006814.D

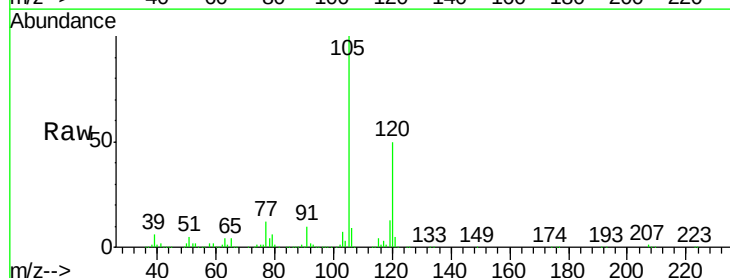
Acq: 12 Nov 2018 18:39

Tgt Ion: 105 Resp: 268968

Ion Ratio Lower Upper

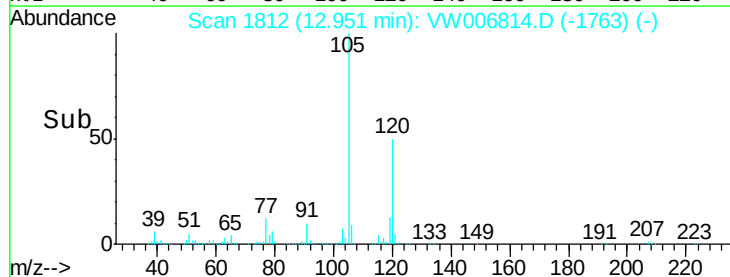
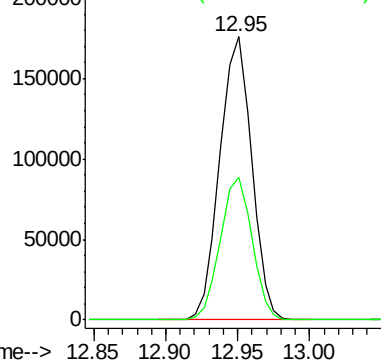
105 100

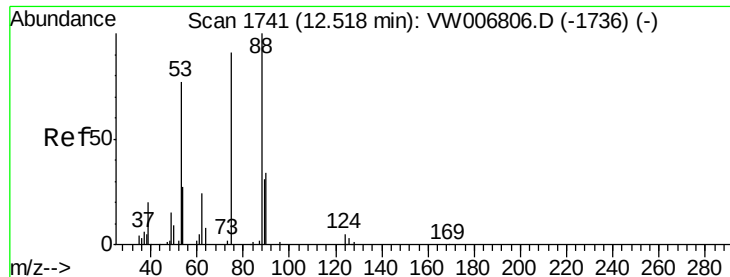
120 50.3 25.3 75.9



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#81

trans-1,4-Dichloro-2-butene

Concen: 19.710 ug/l

RT: 12.52 min Scan# 1741

Delta R.T. 0.00 min

Lab File: VW006814.D

Acq: 12 Nov 2018 18:39

Instrument :

MSVOA_W

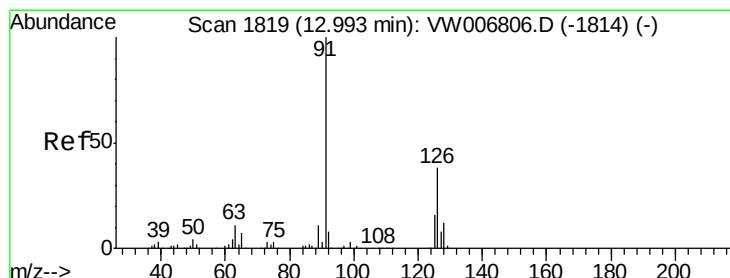
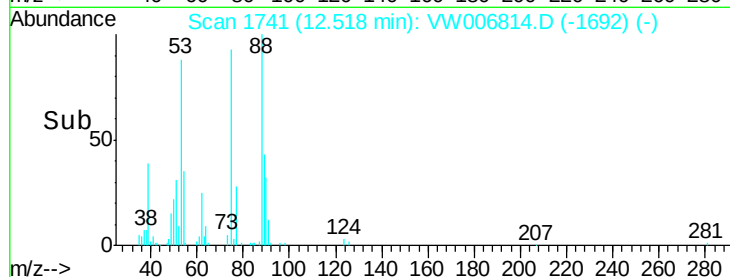
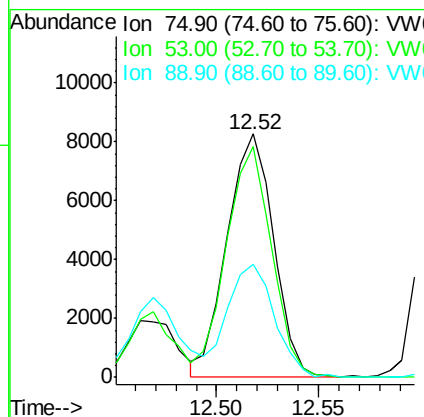
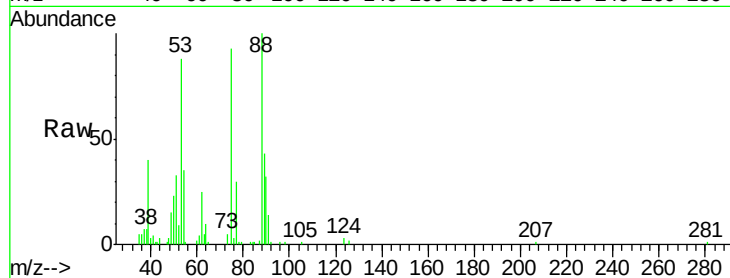
ClientSampleId :

VW1112SBSD01

Tgt Ion:	75	Resp:	13119
Ion Ratio	Lower	Upper	
75	100		
53	92.3	72.9	109.3
89	46.8	38.7	58.1

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#82

4-Chlorotoluene

Concen: 19.704 ug/l

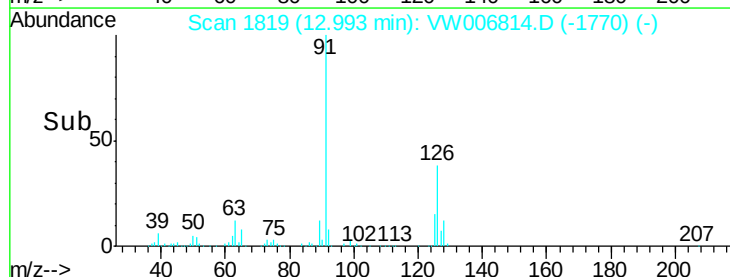
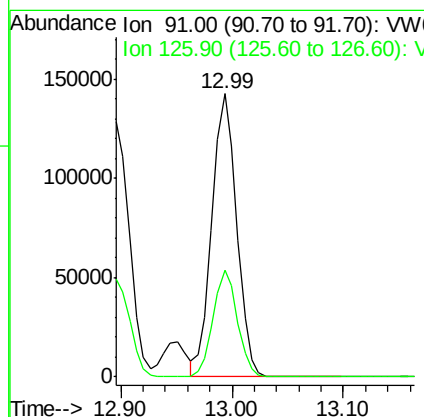
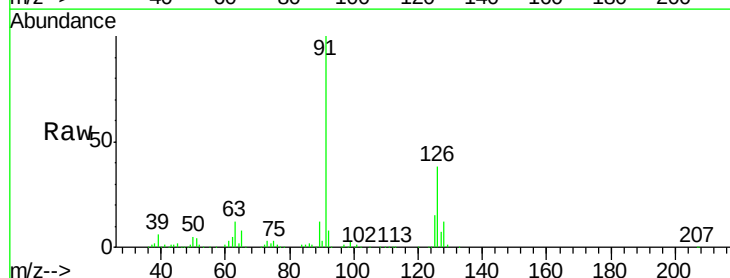
RT: 12.99 min Scan# 1819

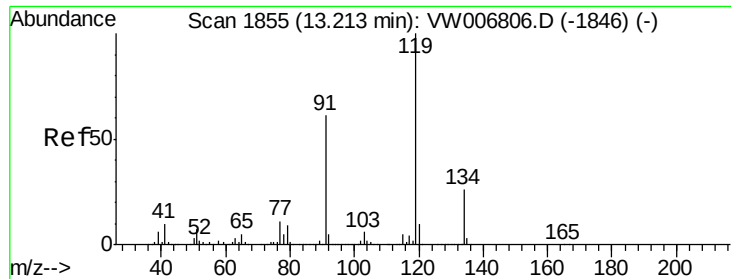
Delta R.T. 0.00 min

Lab File: VW006814.D

Acq: 12 Nov 2018 18:39

Tgt Ion:	91	Resp:	220749
Ion Ratio	Lower	Upper	
91	100		
126	36.9	18.4	55.2





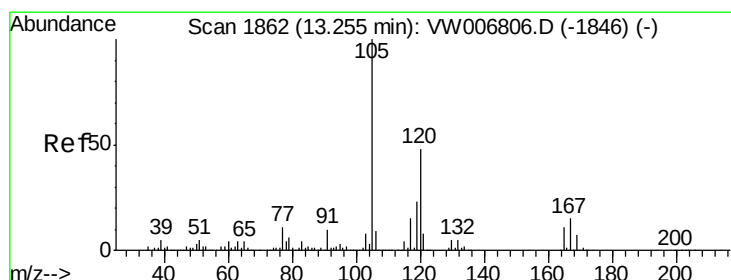
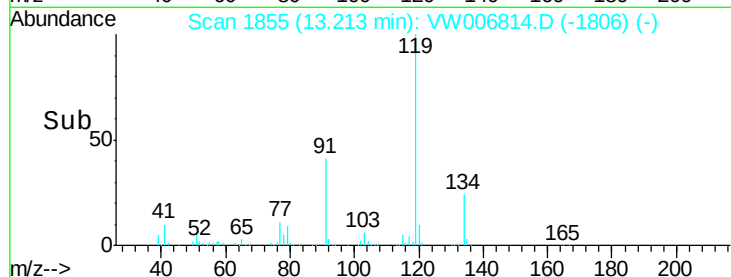
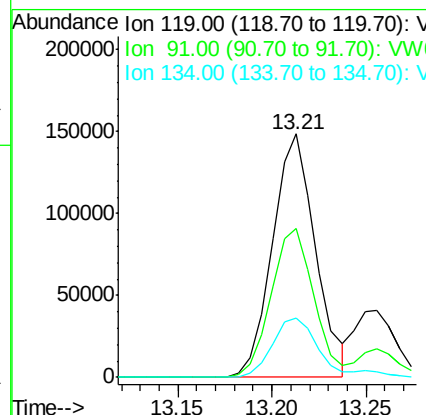
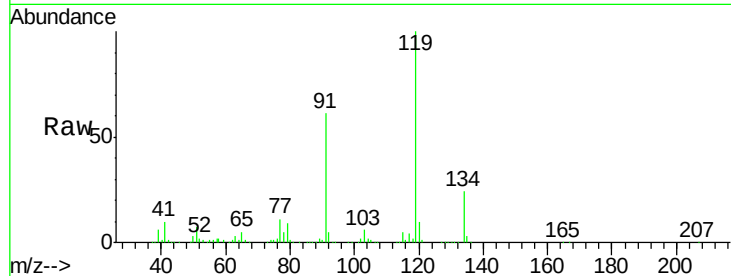
#83
 tert-Butylbenzene
 Concen: 19.509 ug/l
 RT: 13.21 min Scan# 1855
 Delta R.T. 0.00 min
 Lab File: VW006814.D
 Acq: 12 Nov 2018 18:39

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1112SBSD01

Tgt Ion	Ratio	Resp	Lower	Upper
119	100	235082		
91	60.7	30.0	90.1	
134	27.2	13.4	40.2	

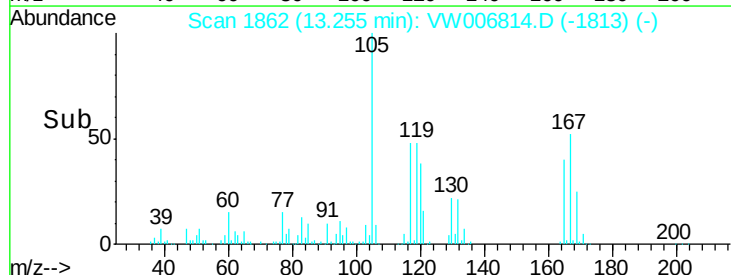
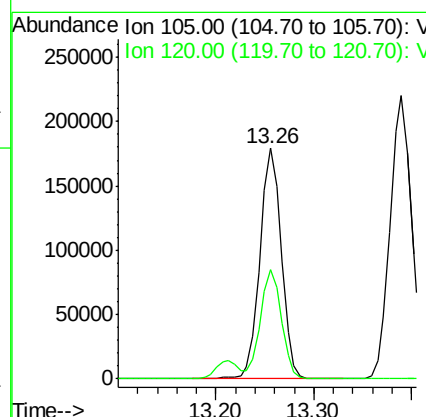
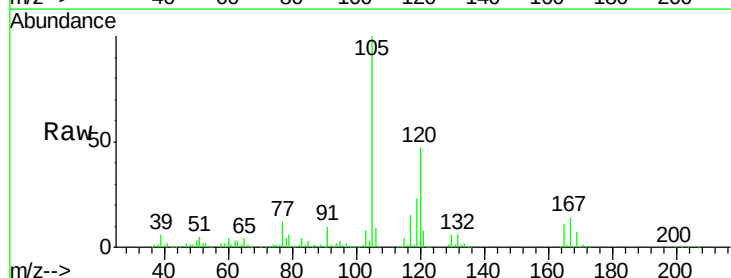
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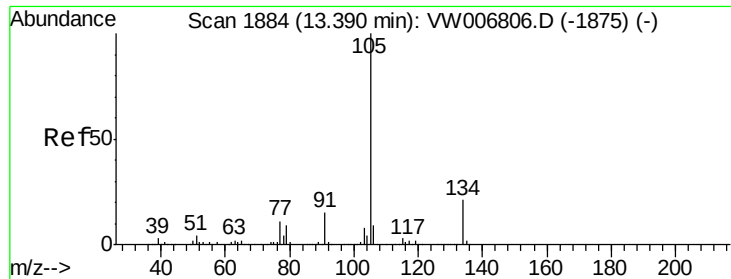
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#84
 1,2,4-Trimethylbenzene
 Concen: 19.742 ug/l
 RT: 13.26 min Scan# 1862
 Delta R.T. 0.00 min
 Lab File: VW006814.D
 Acq: 12 Nov 2018 18:39

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	273883		
120	46.3	23.4	70.0	





#85

sec-Butylbenzene

Concen: 19.590 ug/l

RT: 13.39 min Scan# 1884

Delta R.T. 0.00 min

Lab File: VW006814.D

Acq: 12 Nov 2018 18:39

Instrument :

MSVOA_W

ClientSampleId :

VW1112SBSD01

Tgt Ion:105 Resp: 334514

Ion Ratio Lower Upper

105 100

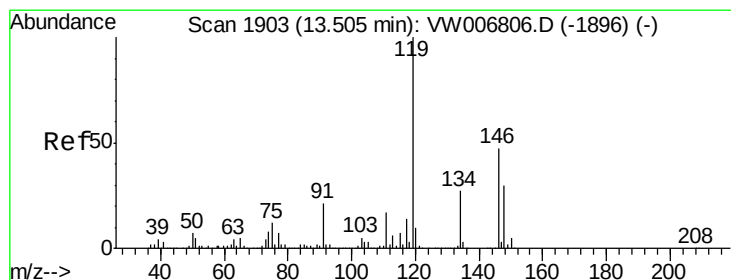
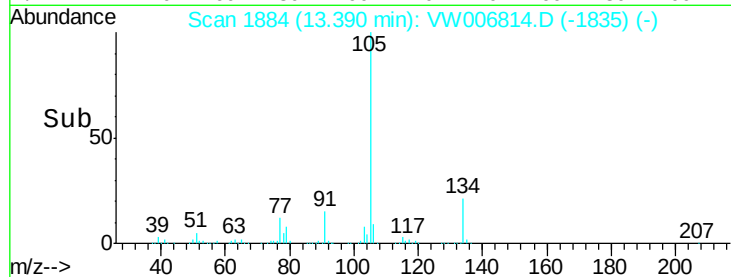
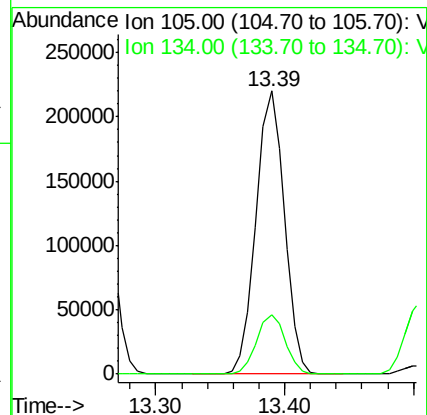
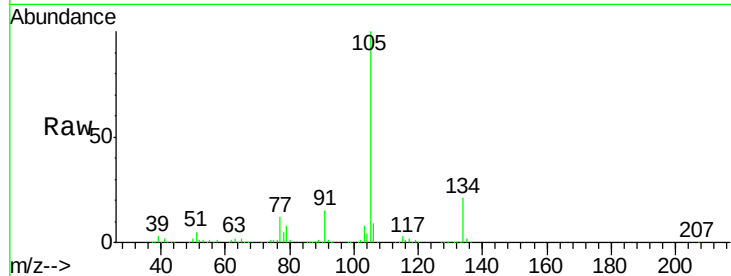
134 21.3 10.7 31.9

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#86

p-Isopropyltoluene

Concen: 19.767 ug/l

RT: 13.51 min Scan# 1903

Delta R.T. 0.00 min

Lab File: VW006814.D

Acq: 12 Nov 2018 18:39

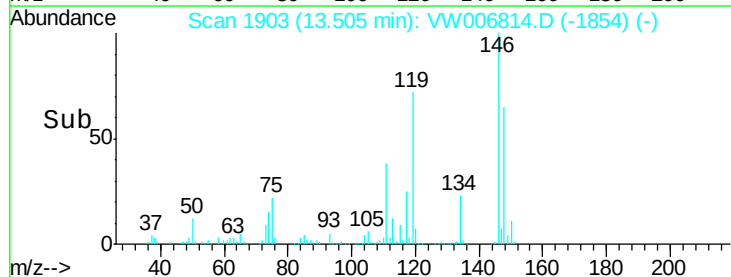
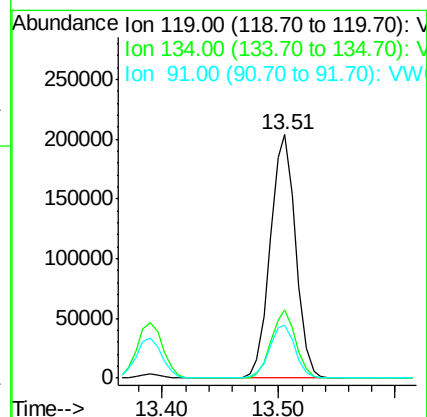
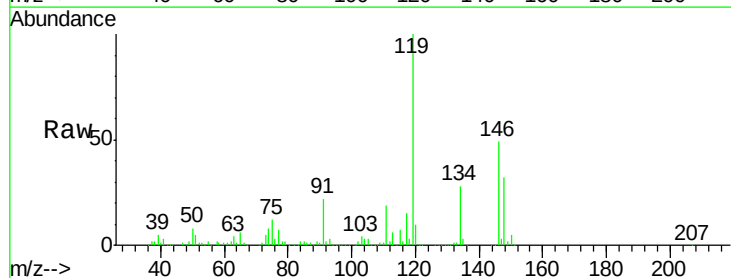
Tgt Ion:119 Resp: 307019

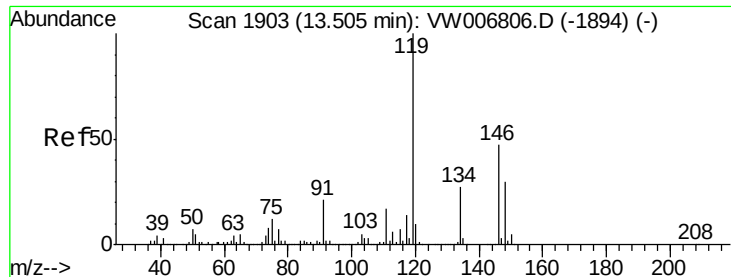
Ion Ratio Lower Upper

119 100

134 27.3 13.5 40.4

91 22.0 10.8 32.4





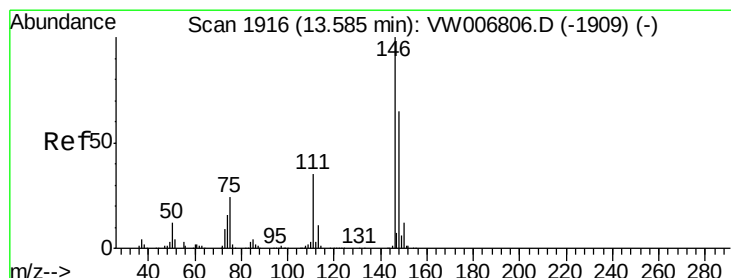
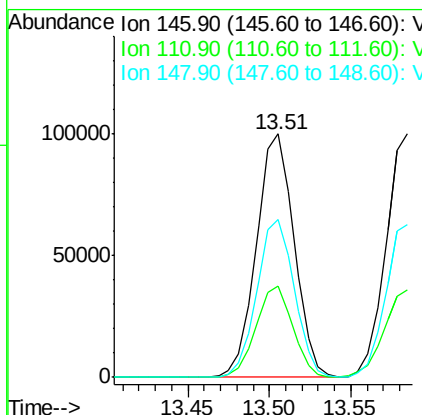
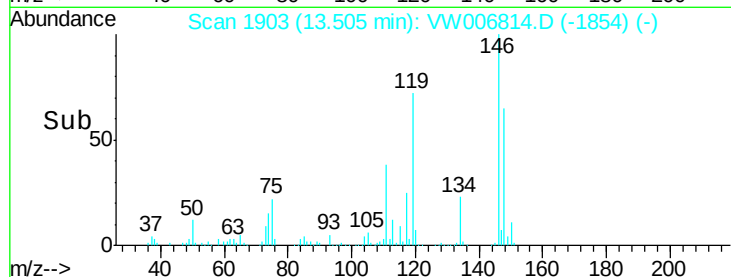
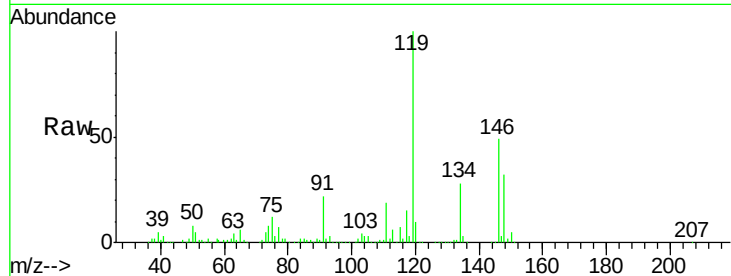
#87
 1,3-Dichlorobenzene
 Concen: 19.702 ug/l
 RT: 13.51 min Scan# 1903
 Delta R.T. 0.00 min
 Lab File: VW006814.D
 Acq: 12 Nov 2018 18:39

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1112SBSD01

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	160535		
111	36.7	18.3	54.9	
148	64.5	31.9	95.9	

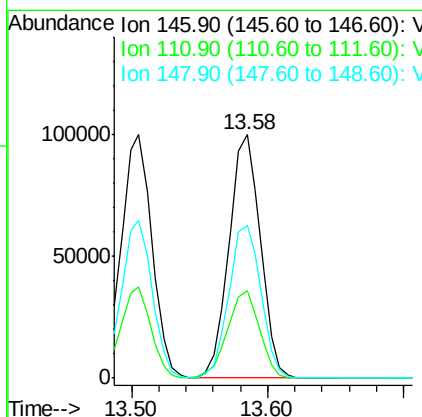
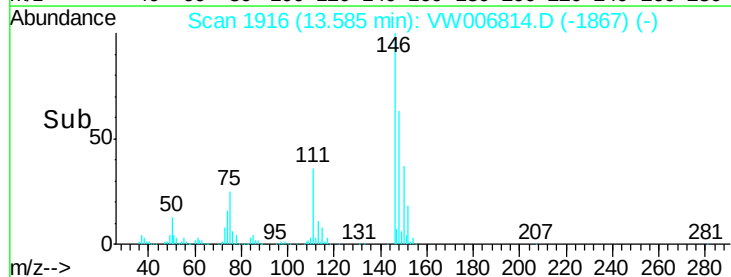
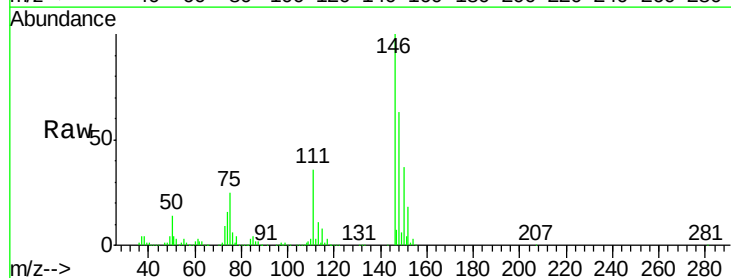
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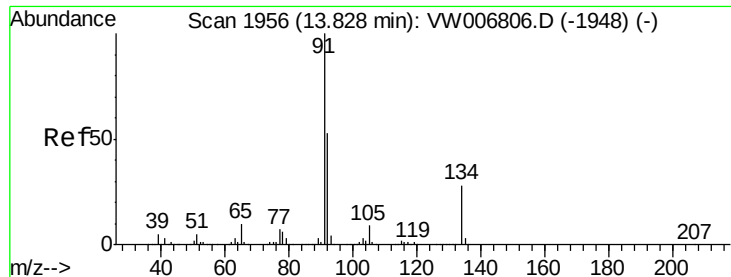
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#88
 1,4-Dichlorobenzene
 Concen: 19.933 ug/l
 RT: 13.58 min Scan# 1916
 Delta R.T. 0.00 min
 Lab File: VW006814.D
 Acq: 12 Nov 2018 18:39

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	160695		
111	37.1	17.8	53.3	
148	64.3	32.0	96.0	





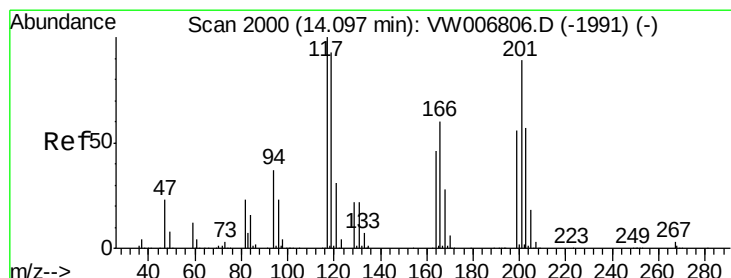
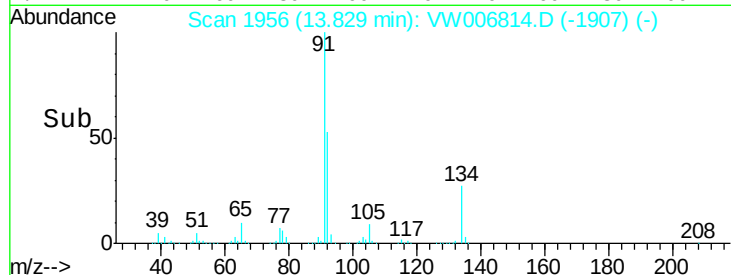
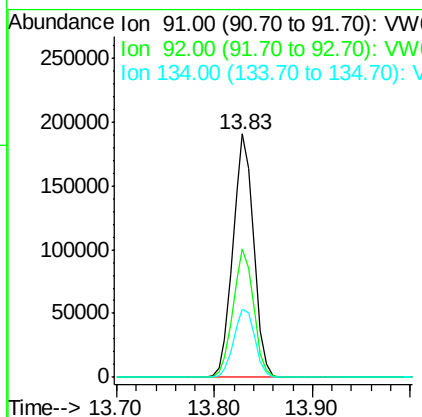
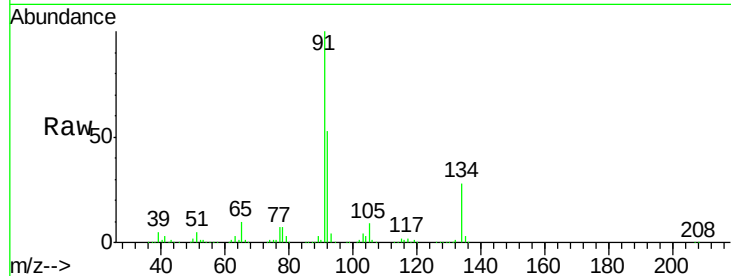
#89
n-Butylbenzene
Concen: 19.715 ug/l
RT: 13.83 min Scan# 1956
Delta R.T. 0.00 min
Lab File: VW006814.D
Acq: 12 Nov 2018 18:39

Instrument :
MSVOA_W
ClientSampleId :
VW1112SBSD01

Tgt Ion	Ratio	Lower	Upper
91	100		
92	52.1	26.5	79.4
134	28.8	14.4	43.2

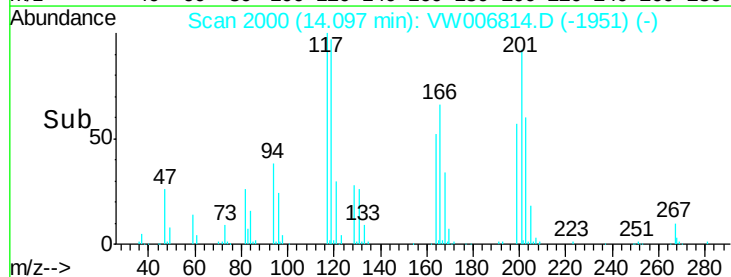
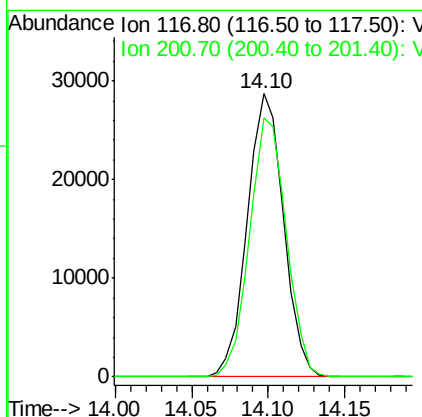
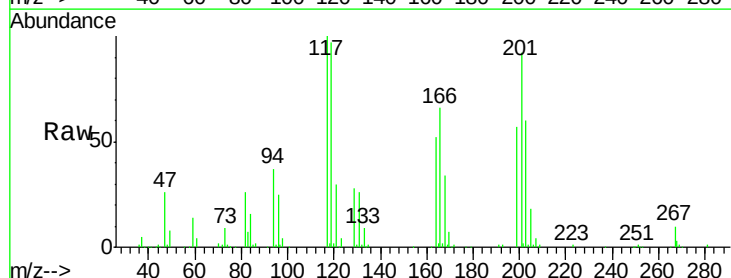
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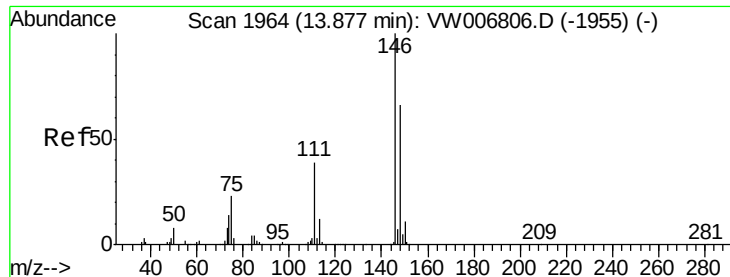
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#90
Hexachloroethane
Concen: 19.058 ug/l
RT: 14.10 min Scan# 2000
Delta R.T. 0.00 min
Lab File: VW006814.D
Acq: 12 Nov 2018 18:39

Tgt Ion	Ratio	Lower	Upper
117	100		
201	92.7	46.9	140.6





#91

1,2-Dichlorobenzene

Concen: 19.919 ug/l

RT: 13.88 min Scan# 1964

Delta R.T. 0.00 min

Lab File: VW006814.D

Acq: 12 Nov 2018 18:39

Instrument :

MSVOA_W

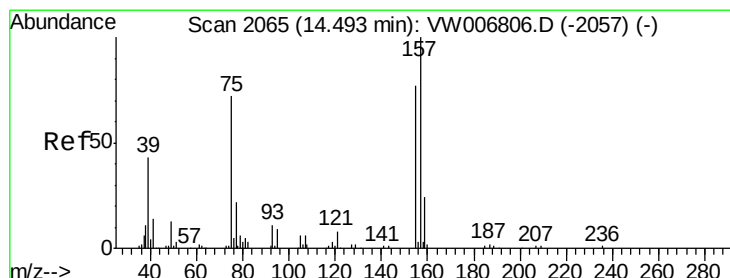
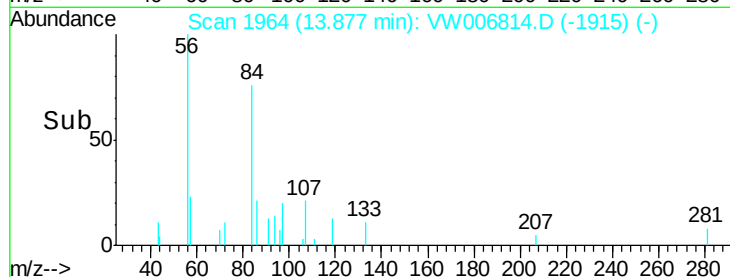
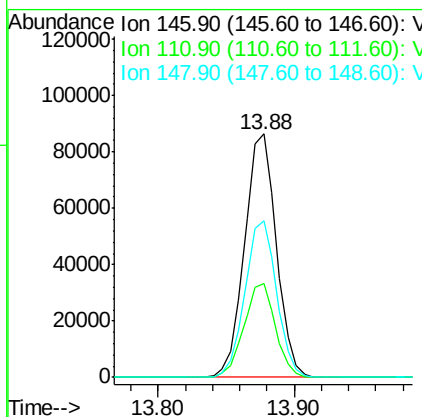
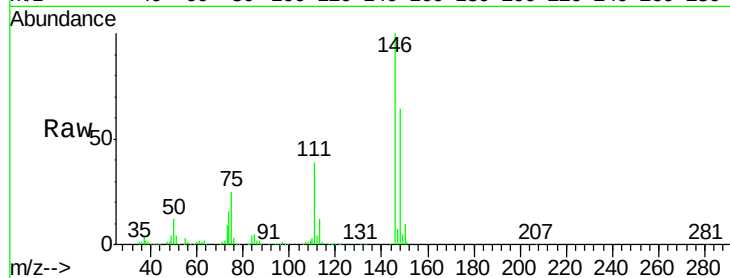
ClientSampleId :

VW1112SBSD01

Tgt Ion:	146	Resp:	141349
Ion Ratio	Lower	Upper	
146	100		
111	38.2	19.3	57.8
148	64.1	32.4	97.2

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#92

1,2-Dibromo-3-Chloropropane

Concen: 20.114 ug/l

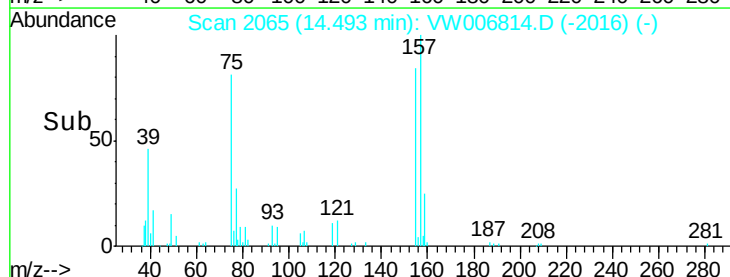
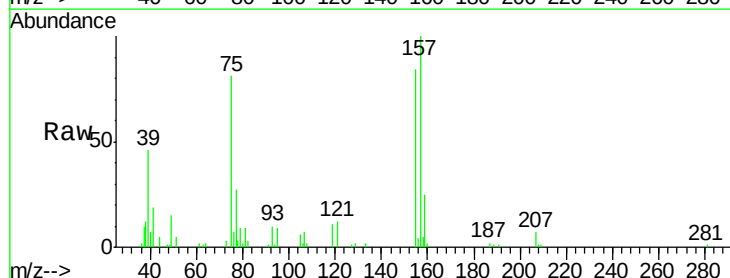
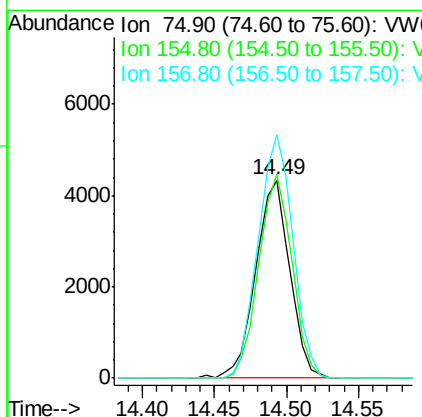
RT: 14.49 min Scan# 2065

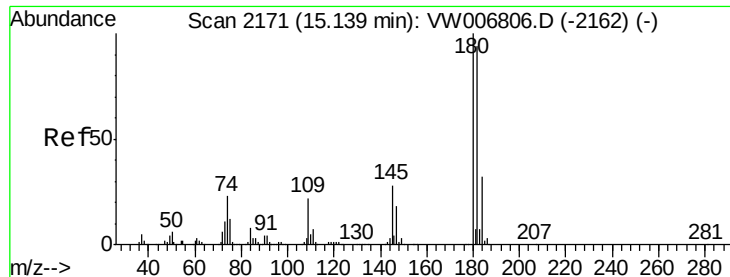
Delta R.T. 0.00 min

Lab File: VW006814.D

Acq: 12 Nov 2018 18:39

Tgt Ion:	75	Resp:	7064
Ion Ratio	Lower	Upper	
75	100		
155	100.6	51.0	153.1
157	125.7	67.4	202.2





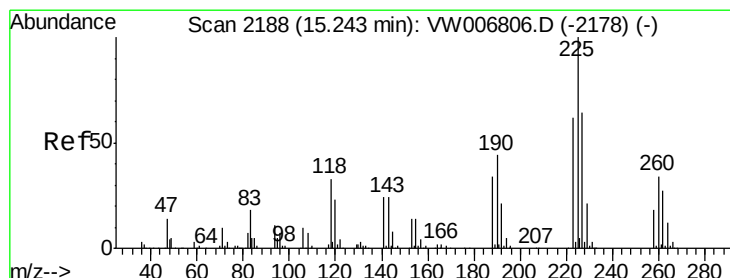
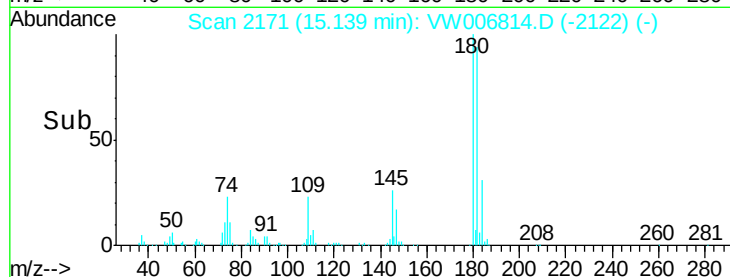
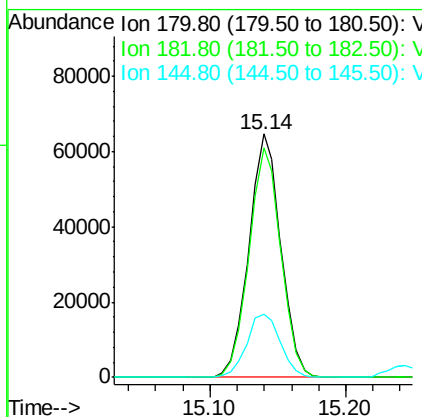
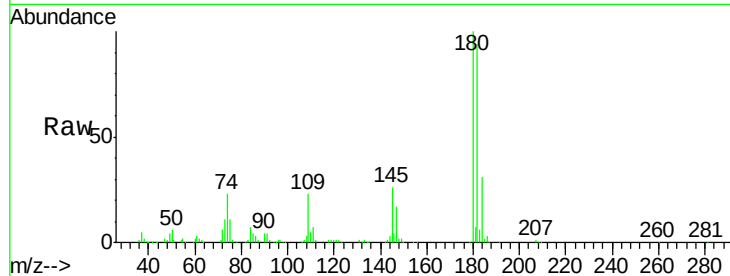
#93
 1,2,4-Trichlorobenzene
 Concen: 19.795 ug/l
 RT: 15.14 min Scan# 2171
 Delta R.T. 0.00 min
 Lab File: VW006814.D
 Acq: 12 Nov 2018 18:39

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1112SBSD01

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	106053		
182	94.5	47.5	142.5	
145	27.4	14.0	41.9	

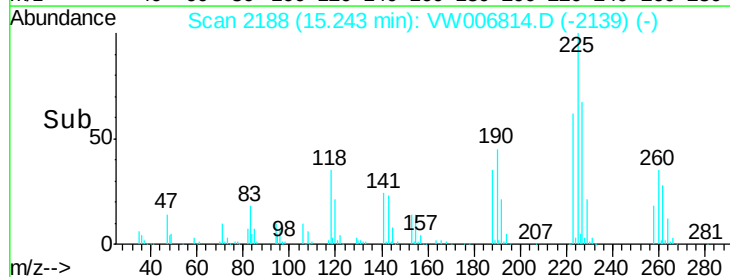
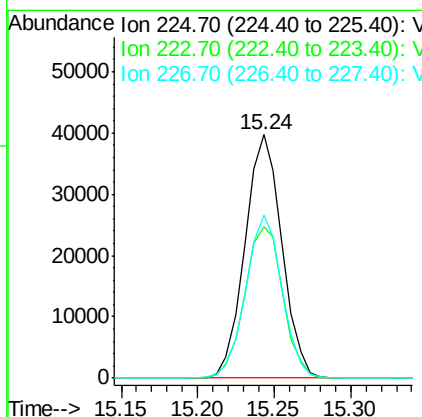
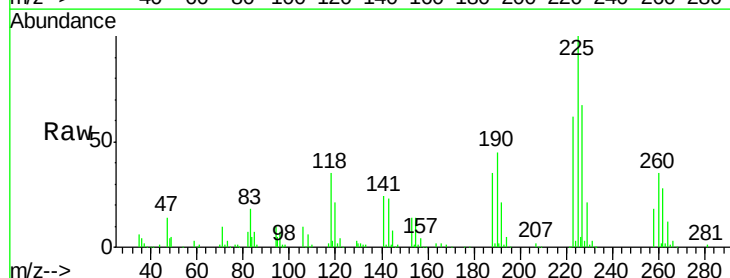
Manual Integrations
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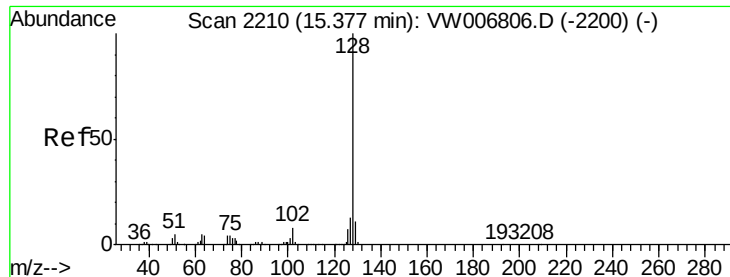
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#94
 Hexachlorobutadiene
 Concen: 19.610 ug/l
 RT: 15.24 min Scan# 2188
 Delta R.T. 0.00 min
 Lab File: VW006814.D
 Acq: 12 Nov 2018 18:39

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	66571		
223	64.2	31.2	93.6	
227	65.6	32.3	96.9	





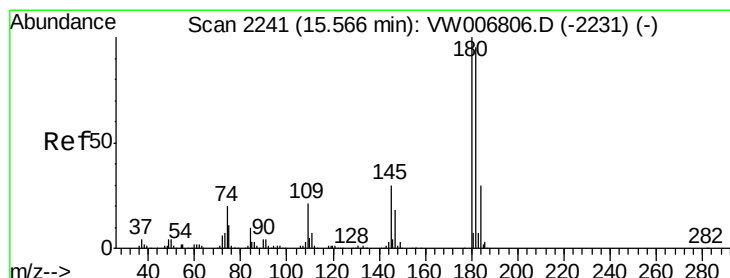
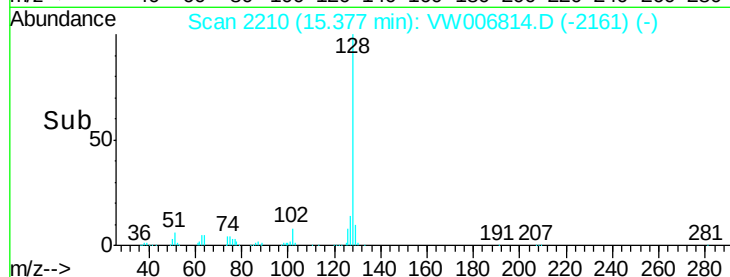
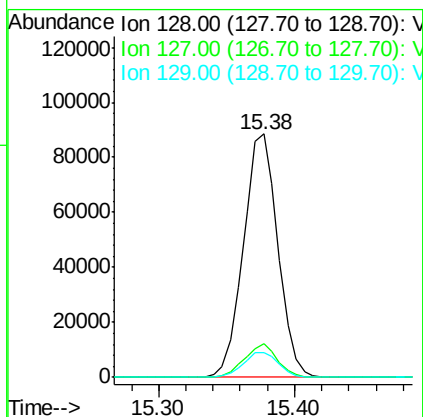
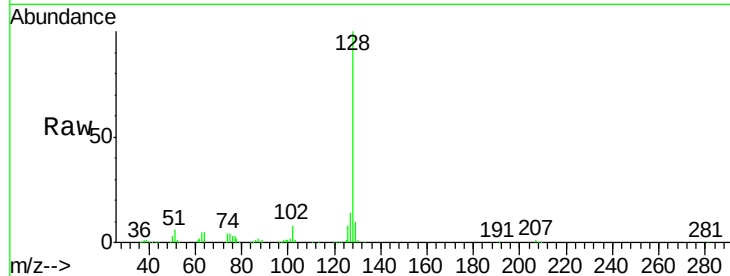
#95
Naphthalene
Concen: 19.510 ug/l
RT: 15.38 min Scan# 2210
Delta R.T. 0.00 min
Lab File: VW006814.D
Acq: 12 Nov 2018 18:39

Instrument :
MSVOA_W
ClientSampleId :
VW1112SBSD01

Tgt Ion	Ratio	Resp	Lower	Upper
128	100	156326		
127	13.2	10.3	15.5	
129	10.5	8.6	13.0	

Manual Integrations
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#96
1,2,3-Trichlorobenzene
Concen: 19.478 ug/l
RT: 15.57 min Scan# 2241
Delta R.T. 0.00 min
Lab File: VW006814.D
Acq: 12 Nov 2018 18:39

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	89552		
182	96.2	47.9	143.6	
145	29.7	15.2	45.5	

