

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW121318\
 Data File : VW007413.D
 Acq On : 12 Dec 2018 00:55
 Operator : SY/AP
 Sample : VW1213SBS01
 Misc : 5.00G/5ML/MSVOA_W/SOIL
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1213SBS01

Manual Integrations
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 12/19/2018 8:42:07 AM

Quant Time: Dec 12 06:00:16 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W121118S.M
 Quant Title : SW846 8260
 QLast Update : Tue Dec 11 02:58:16 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	83292	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	138150	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	124226	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	62917	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	45474	49.21	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.42%	
35) Dibromofluoromethane	7.88	113	42671	51.02	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.04%	
50) Toluene-d8	10.32	98	163592	52.17	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.34%	
62) 4-Bromofluorobenzene	12.62	95	62744	54.42	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.84%	

Target Compounds					Qvalue
2) Dichlorodifluoromethane	2.01	85	11916	20.472 ug/l	91
3) Chloromethane	2.21	50	9980	20.473 ug/l	99
4) Vinyl Chloride	2.37	62	12126	21.197 ug/l	96
5) Bromomethane	2.78	94	7910	20.580 ug/l	97
6) Chloroethane	2.93	64	6139	19.495 ug/l #	78
7) Trichlorofluoromethane	3.26	101	9918	19.284 ug/l	99
8) Diethyl Ether	3.67	74	7775	19.315 ug/l	100
9) 1,1,2-Trichlorotrifluoroet	4.06	101	17201	20.269 ug/l	97
10) Methyl Iodide	4.26	142	28663	20.393 ug/l	97
11) Tert butyl alcohol	5.17	59	7482	117.895 ug/l	99
12) 1,1-Dichloroethene	4.03	96	16348	20.008 ug/l	98
13) Acrolein	3.89	56	4461	106.232 ug/l	96
14) Allyl chloride	4.67	41	24068	19.984 ug/l	98
15) Acrylonitrile	5.37	53	16548	97.517 ug/l	97
16) Acetone	4.12	43	15307	94.836 ug/l	93
17) Carbon Disulfide	4.38	76	50924	20.555 ug/l	98
18) Methyl Acetate	4.67	43	8867	20.241 ug/l	98
19) Methyl tert-butyl Ether	5.42	73	24576	19.938 ug/l	97
20) Methylene Chloride	4.91	84	19695	19.960 ug/l	98
21) trans-1,2-Dichloroethene	5.42	96	18495	20.235 ug/l	94
22) Diisopropyl ether	6.31	45	46989	20.298 ug/l	95
23) Vinyl Acetate	6.26	43	125615	97.011 ug/l	96
24) 1,1-Dichloroethane	6.21	63	31861	20.364 ug/l	99
25) 2-Butanone	7.17	43	19806	93.994 ug/l	97
26) 2,2-Dichloropropane	7.16	77	20834	20.120 ug/l	100
27) cis-1,2-Dichloroethene	7.17	96	20924	20.907 ug/l	99
28) Bromochloromethane	7.51	49	11560	19.643 ug/l	99
29) Tetrahydrofuran	7.53	42	12903	96.726 ug/l	98
30) Chloroform	7.68	83	34805	20.441 ug/l	96
31) Cyclohexane	7.95	56	28172	19.625 ug/l	95
32) 1,1,1-Trichloroethane	7.87	97	30564	20.470 ug/l	99
36) 1,1-Dichloropropene	8.08	75	26392	20.942 ug/l	99
37) Ethyl Acetate	7.25	43	9013	19.228 ug/l	97
38) Carbon Tetrachloride	8.07	117	28748	20.965 ug/l	98

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Quant Time: Dec 12 06:00:16 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W121118S.M
 Quant Title : SW846 8260
 QLast Update : Tue Dec 11 02:58:16 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	32071	21.016	ug/l	89
40) Benzene	8.32	78	73478	21.009	ug/l	98
41) Methacrylonitrile	7.48	41	6050	22.666	ug/l #	90
42) 1,2-Dichloroethane	8.40	62	22705	20.666	ug/l	99
43) Isopropyl Acetate	8.42	43	18215	19.673	ug/l	98
44) Trichloroethene	9.09	130	21141	21.168	ug/l	99
45) 1,2-Dichloropropane	9.37	63	17242	21.304	ug/l	99
46) Dibromomethane	9.46	93	9496	20.661	ug/l	98
47) Bromodichloromethane	9.65	83	25456	21.115	ug/l	96
48) Methyl methacrylate	9.44	41	8863	18.639	ug/l	91
49) 1,4-Dioxane	9.45	88	3323	445.588	ug/l	97
51) 4-Methyl-2-Pentanone	10.21	43	45016	102.898	ug/l	98
52) Toluene	10.39	92	49759	21.985	ug/l	99
53) t-1,3-Dichloropropene	10.61	75	24940	21.309	ug/l	97
54) cis-1,3-Dichloropropene	10.07	75	27993	20.689	ug/l	98
55) 1,1,2-Trichloroethane	10.79	97	13619	21.772	ug/l	96
56) Ethyl methacrylate	10.65	69	15995	21.274	ug/l	98
57) 1,3-Dichloropropane	10.93	76	22503	21.917	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.93	63	30401	87.681	ug/l	99
59) 2-Hexanone	10.97	43	29559	101.329	ug/l	99
60) Dibromochloromethane	11.13	129	17444	22.097	ug/l	97
61) 1,2-Dibromoethane	11.23	107	13166	21.298	ug/l	99
64) Tetrachloroethene	10.86	164	18766	21.006	ug/l	93
65) Chlorobenzene	11.66	112	54773	21.154	ug/l	93
66) 1,1,1,2-Tetrachloroethane	11.73	131	19171	21.022	ug/l	97
67) Ethyl Benzene	11.73	91	95505	21.454	ug/l	92
68) m/p-Xylenes	11.84	106	74789	43.215	ug/l	98
69) o-Xylene	12.17	106	35417	21.913	ug/l	98
70) Styrene	12.18	104	57190	21.907	ug/l	99
71) Bromoform	12.35	173	9561	20.483	ug/l #	97
73) Isopropylbenzene	12.47	105	97297	20.182	ug/l	99
74) N-amyl acetate	12.27	43	17369	19.824	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.72	83	14377	20.135	ug/l	95
76) 1,2,3-Trichloropropane	12.77	75	8763m	16.892	ug/l	
77) Bromobenzene	12.75	156	21530	20.148	ug/l	95
78) n-propylbenzene	12.81	91	113758	20.967	ug/l	100
79) 2-Chlorotoluene	12.90	91	66353	20.212	ug/l	96
80) 1,3,5-Trimethylbenzene	12.94	105	84777	20.929	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.52	75	4289	18.263	ug/l	97
82) 4-Chlorotoluene	12.99	91	71135	20.556	ug/l	96
83) tert-Butylbenzene	13.21	119	72869	20.416	ug/l	99
84) 1,2,4-Trimethylbenzene	13.26	105	85087	20.412	ug/l	100
85) sec-Butylbenzene	13.39	105	101022	20.733	ug/l	95
86) p-Isopropyltoluene	13.50	119	91049	20.800	ug/l	99
87) 1,3-Dichlorobenzene	13.51	146	43434	20.386	ug/l	98
88) 1,4-Dichlorobenzene	13.58	146	43633	20.371	ug/l	96
89) n-Butylbenzene	13.83	91	84469	20.815	ug/l	99
90) Hexachloroethane	14.10	117	15680	20.132	ug/l	99
91) 1,2-Dichlorobenzene	13.87	146	39212	20.548	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	2788	19.457	ug/l	96

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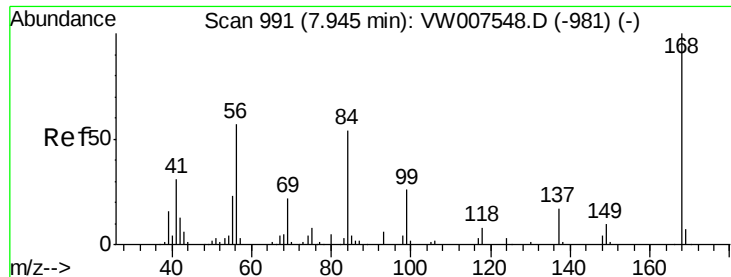
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Quant Title : SW846 8260
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.14	180	26039	19.828	ug/l	95
94) Hexachlorobutadiene	15.24	225	13253	19.020	ug/l	100
95) Naphthalene	15.38	128	48256	19.208	ug/l	99
96) 1,2,3-Trichlorobenzene	15.56	180	22401	19.636	ug/l	97

(#) = 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: VW007413.D

Acq: 12 Dec 2018 00:55

Instrument :

MSVOA_W

ClientSampleId :

VW1213SBSD01

Tgt Ion:168 Resp: 83292

Ion Ratio Lower Upper

168 100

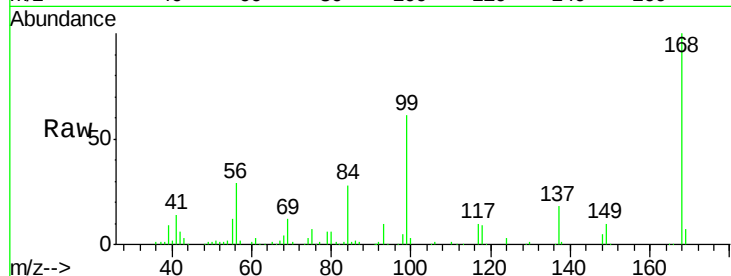
99 60.8 48.3 72.5

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

40000

30000

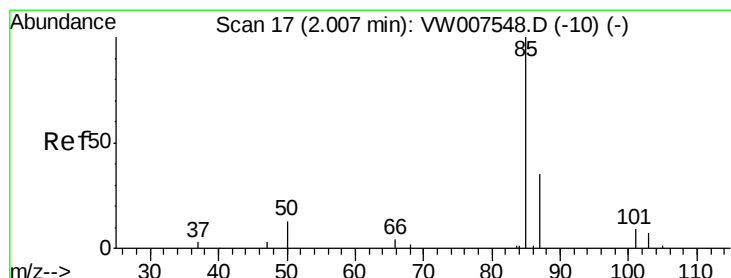
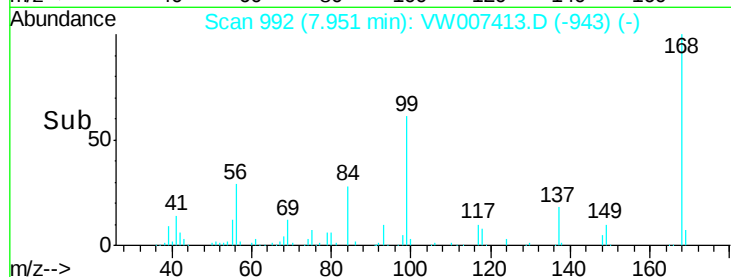
20000

10000

0

7.85 7.90 7.95 8.00 8.05

Time-->



#2

Dichlorodifluoromethane

Concen: 20.472 ug/l

RT: 2.01 min Scan# 17

Delta R.T. -0.00 min

Lab File: VW007413.D

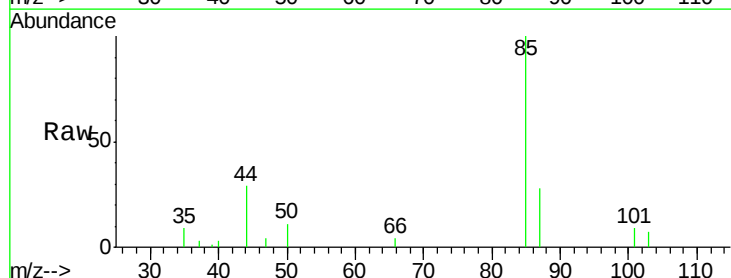
Acq: 12 Dec 2018 00:55

Tgt Ion: 85 Resp: 11916

Ion Ratio Lower Upper

85 100

87 27.7 16.6 49.7



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW

2.01

5000

4000

3000

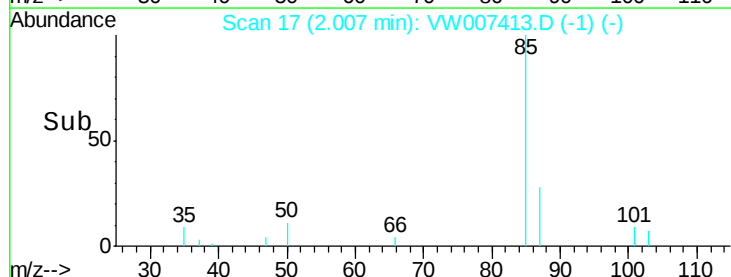
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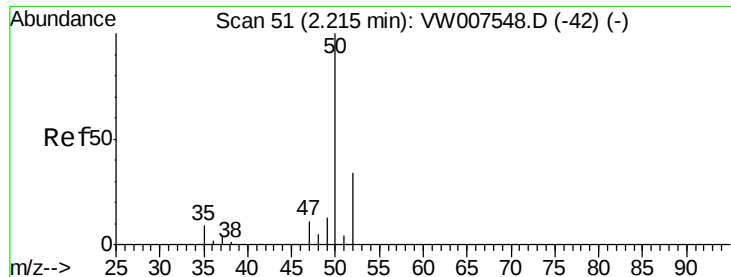
1000

0

1.90 2.00 2.10

Time-->





#3

Chloromethane

Concen: 20.473 ug/l

RT: 2.21 min Scan# 51

Delta R.T. -0.01 min

Lab File: VW007413.D

Acq: 12 Dec 2018 00:55

Instrument :

MSVOA_W

ClientSampleId :

VW1213SBS01

Tgt Ion: 50 Resp: 9980

Ion Ratio Lower Upper

50 100

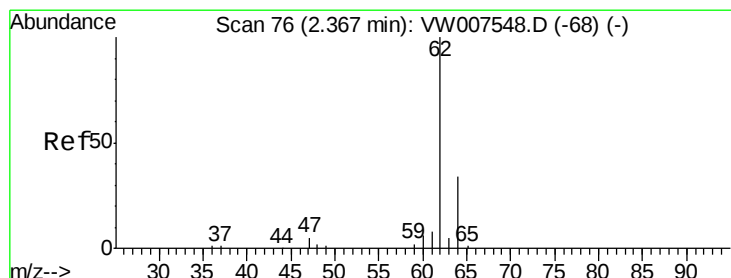
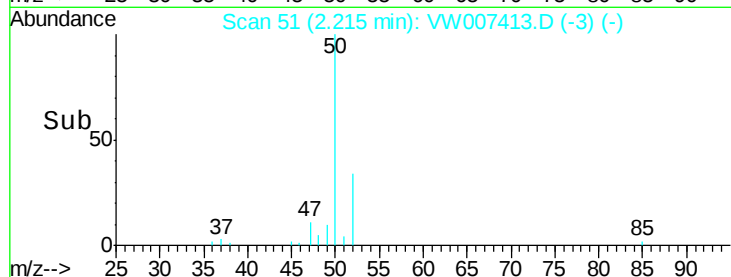
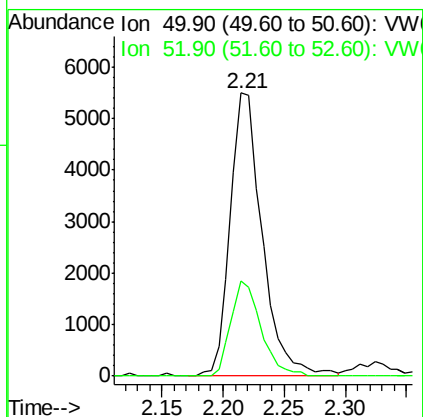
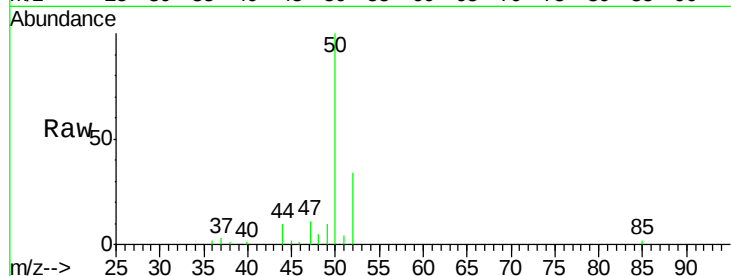
52 33.6 27.4 41.0

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#4

Vinyl Chloride

Concen: 21.197 ug/l

RT: 2.37 min Scan# 76

Delta R.T. -0.00 min

Lab File: VW007413.D

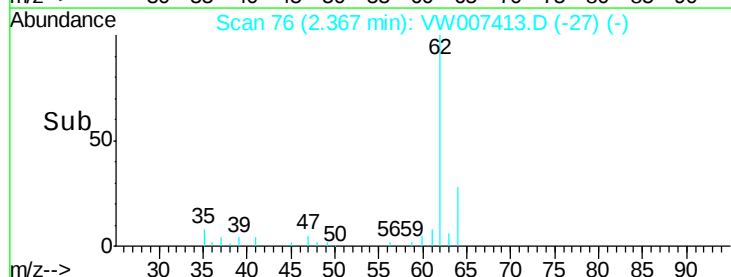
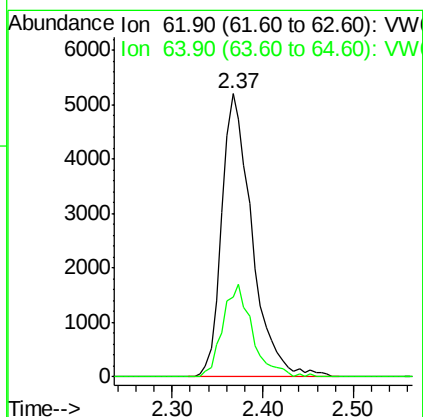
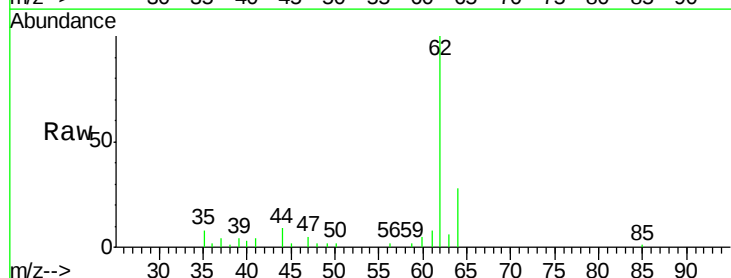
Acq: 12 Dec 2018 00:55

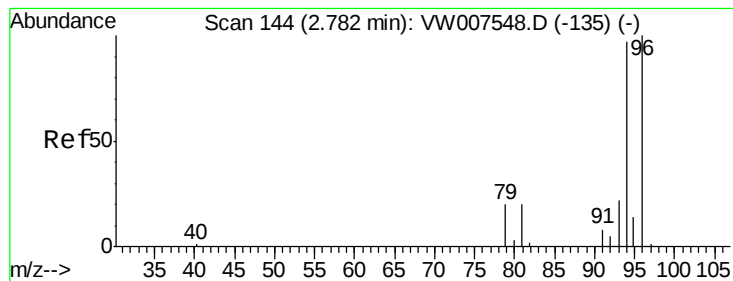
Tgt Ion: 62 Resp: 12126

Ion Ratio Lower Upper

62 100

64 28.4 24.6 37.0





#5

Bromomethane

Concen: 20.580 ug/l

RT: 2.78 min Scan# 143

Delta R.T. -0.00 min

Lab File: VW007413.D

Acq: 12 Dec 2018 00:55

Instrument :

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VW1213SBSD01

Tgt Ion: 94 Resp: 7910

Ion Ratio Lower Upper

94 100

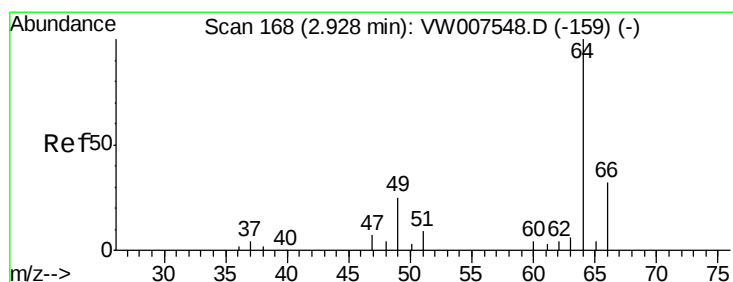
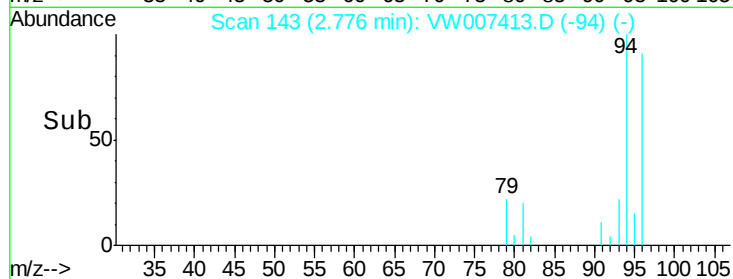
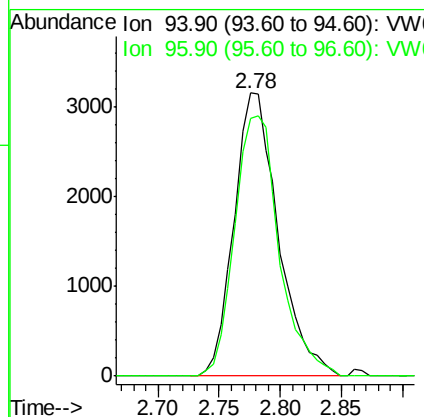
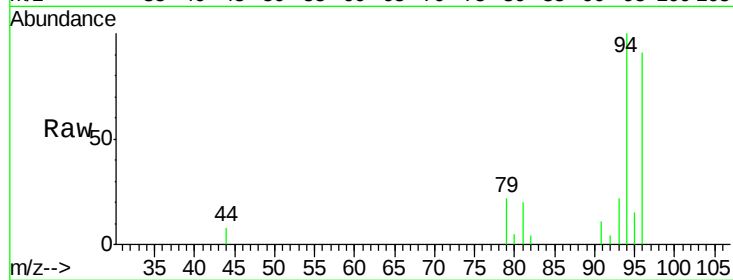
96 91.3 71.0 106.4

Manual Integrations

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#6

Chloroethane

Concen: 19.495 ug/l

RT: 2.93 min Scan# 168

Delta R.T. -0.00 min

Lab File: VW007413.D

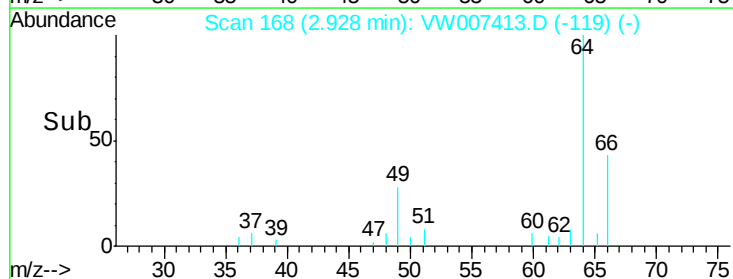
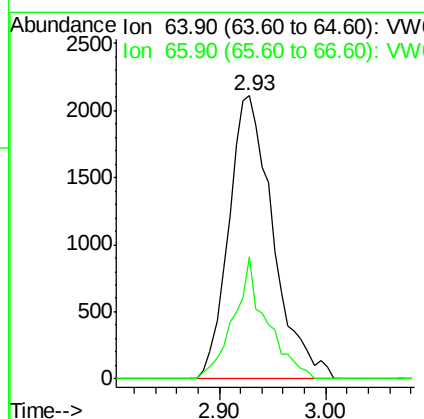
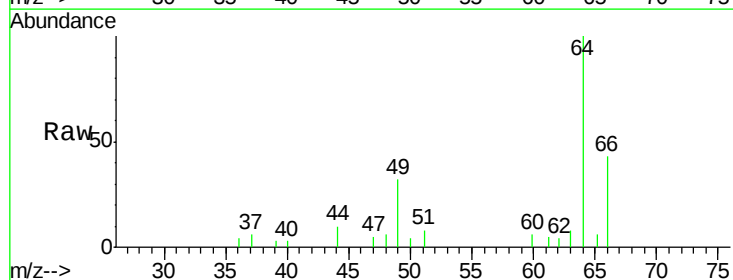
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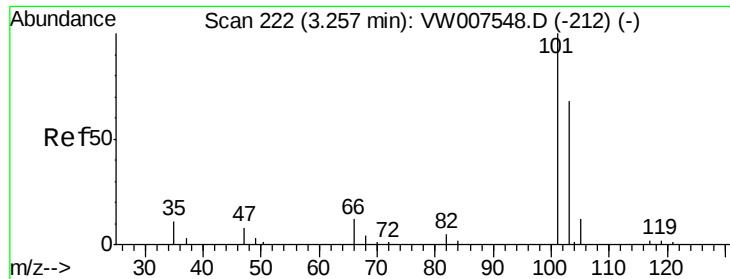
Tgt Ion: 64 Resp: 6139

Ion Ratio Lower Upper

64 100

66 43.1 24.6 37.0#





#7

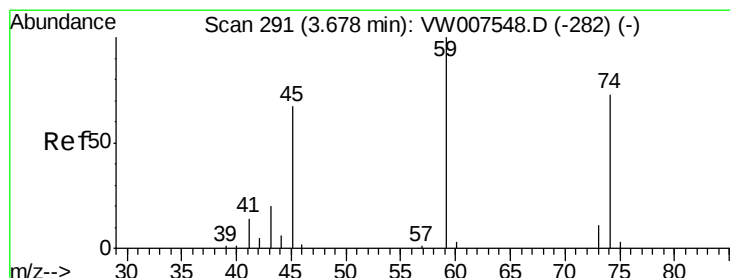
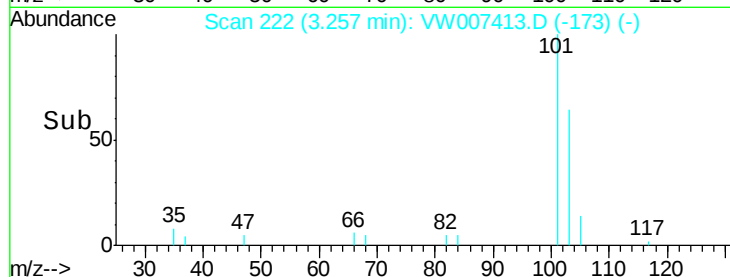
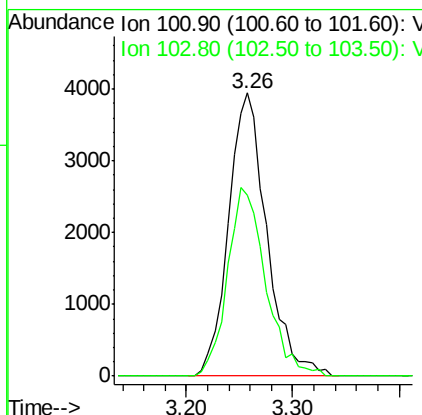
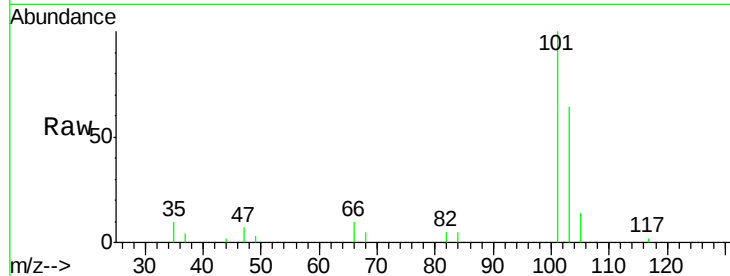
Trichlorofluoromethane
 Concen: 19.284 ug/l
 RT: 3.26 min Scan# 222
 Delta R.T. -0.00 min
 Lab File: VW007413.D
 Acq: 12 Dec 2018 00:55

Instrument :
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 ClientSampleId :
 VW1213SBS01

Tgt Ion: 101 Resp: 9918
 Ion Ratio Lower Upper
 101 100
 103 64.0 51.7 77.5

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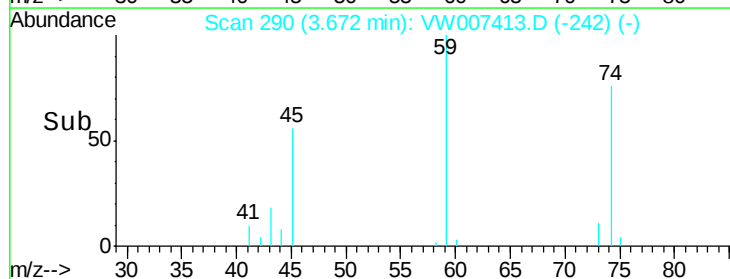
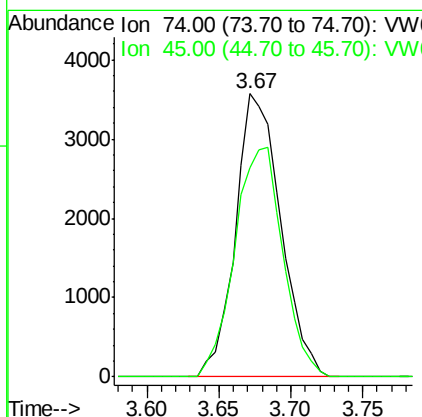
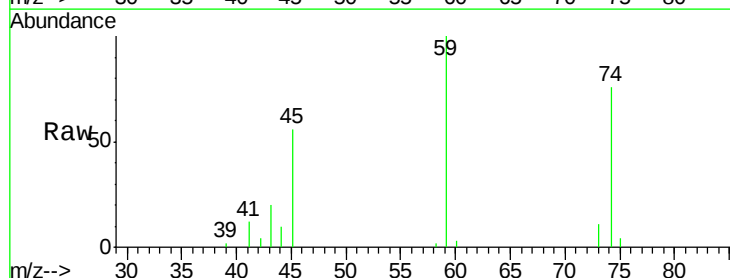
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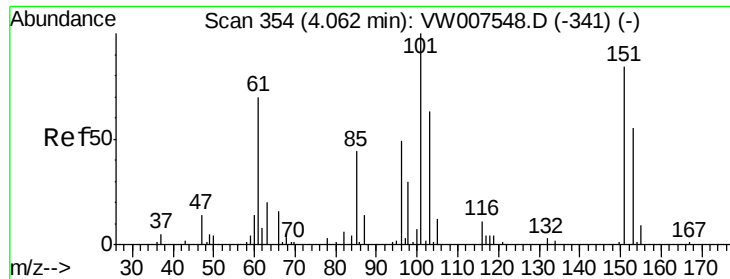


#8

Diethyl Ether
 Concen: 19.315 ug/l
 RT: 3.67 min Scan# 290
 Delta R.T. -0.01 min
 Lab File: VW007413.D
 Acq: 12 Dec 2018 00:55

Tgt Ion: 74 Resp: 7775
 Ion Ratio Lower Upper
 74 100
 45 86.3 43.0 129.0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 20.269 ug/l

RT: 4.06 min Scan# 353

Delta R.T. 0.01 min

Lab File: VW007413.D

Acq: 12 Dec 2018 00:55

Instrument :

MSVOA_W

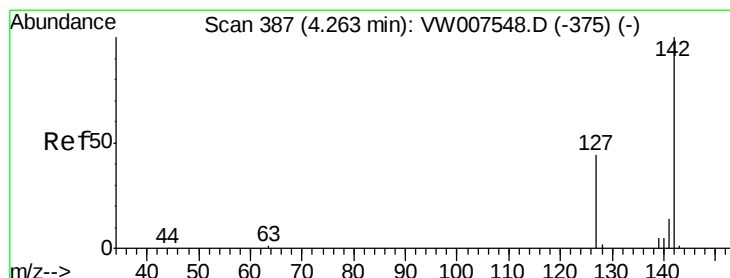
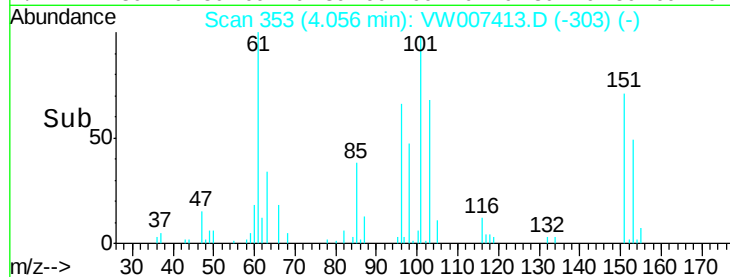
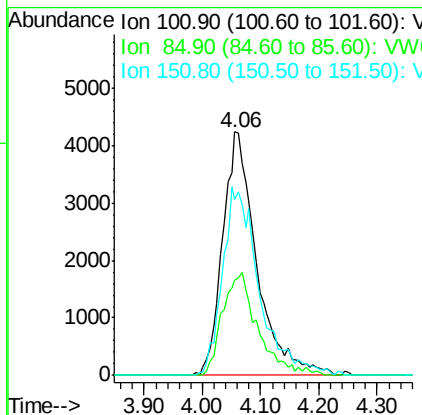
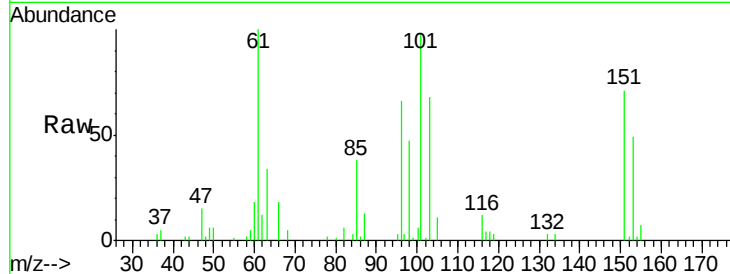
ClientSampleId :

VW1213SBS01

Tgt Ion:	101	Resp:	17201
Ion Ratio	Lower	Upper	
101	100		
85	43.8	33.9	50.9
151	83.1	63.7	95.5

Manual Integrations
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#10

Methyl Iodide

Concen: 20.393 ug/l

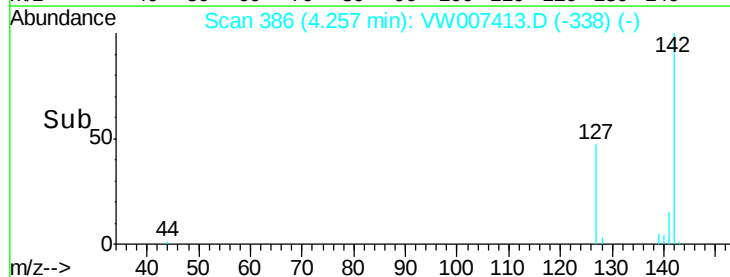
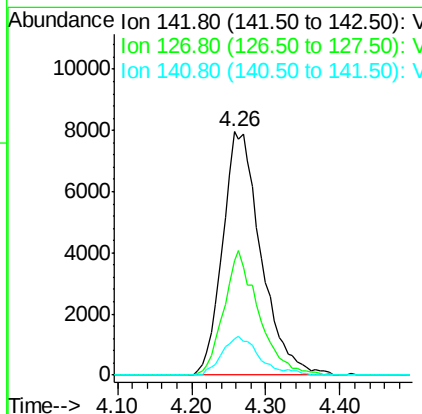
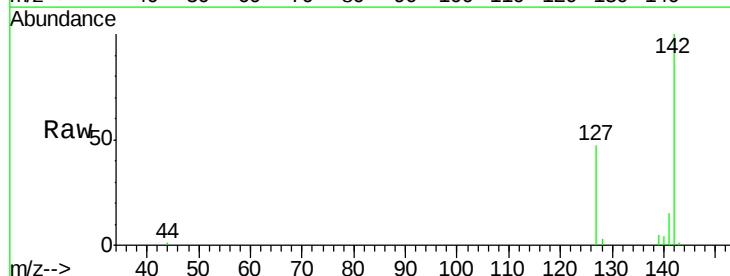
RT: 4.26 min Scan# 386

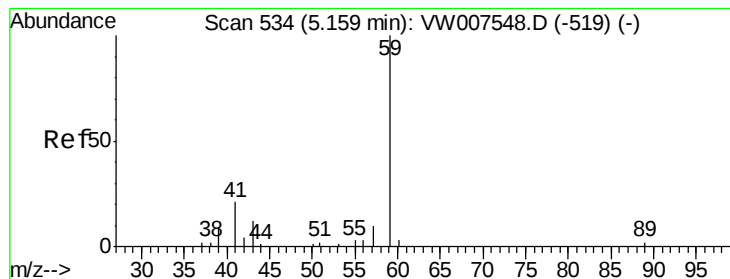
Delta R.T. -0.01 min

Lab File: VW007413.D

Acq: 12 Dec 2018 00:55

Tgt Ion:	142	Resp:	28663
Ion Ratio	Lower	Upper	
142	100		
127	46.4	35.8	53.6
141	15.4	11.1	16.7





#11

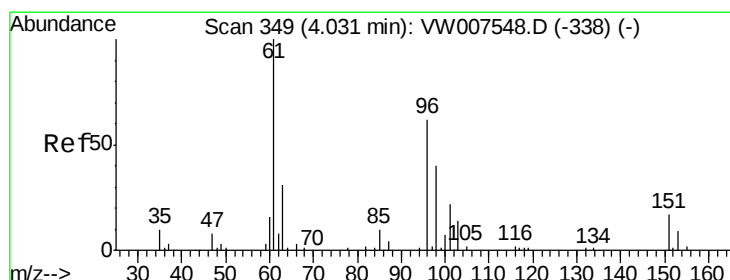
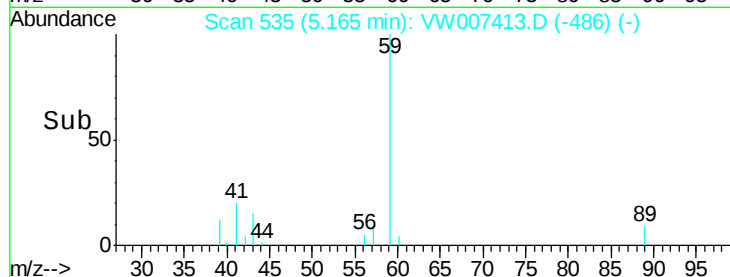
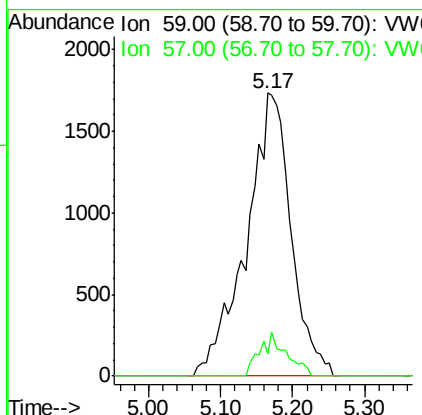
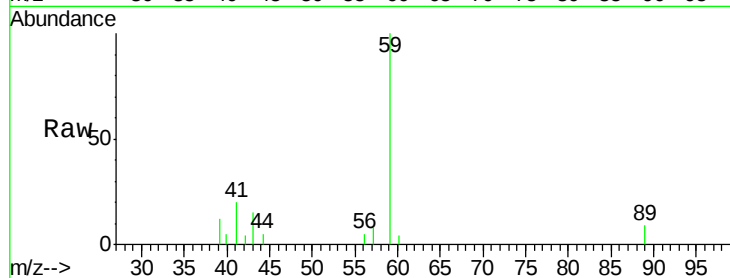
Tert butyl alcohol
Concen: 117.895 ug/l
RT: 5.17 min Scan# 535
Delta R.T. -0.00 min
Lab File: VW007413.D
Acq: 12 Dec 2018 00:55

Instrument :
MSVOA_W
ClientSampleId :
VW1213SBS01

Tgt Ion: 59 Resp: 7482
Ion Ratio Lower Upper
59 100
57 9.1 7.6 11.4

Manual Integrations
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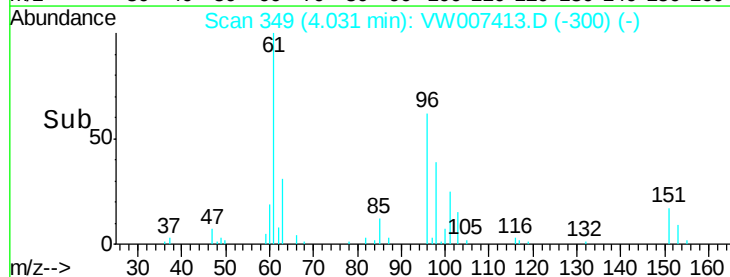
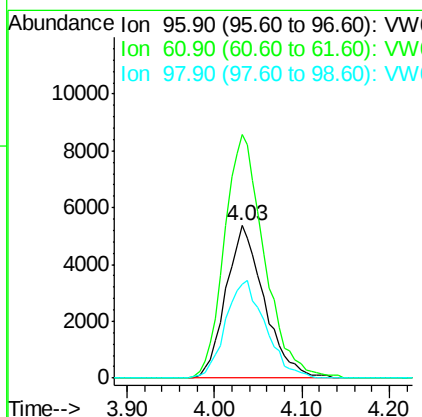
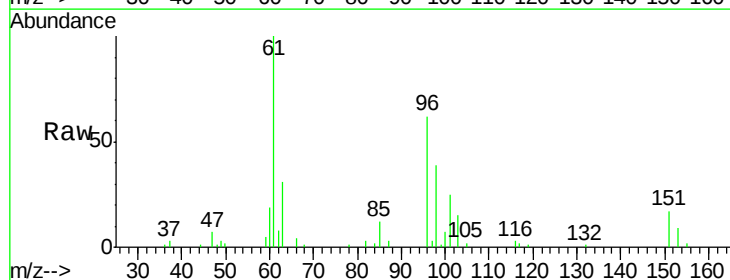
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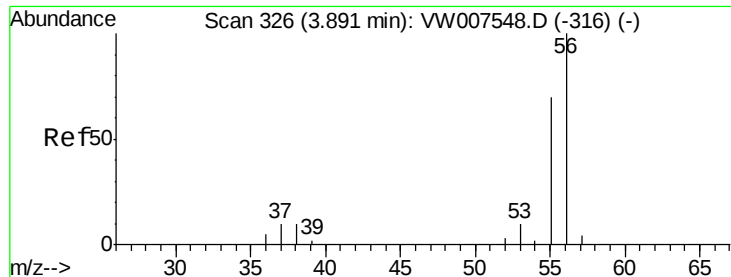


#12

1,1-Dichloroethene
Concen: 20.008 ug/l
RT: 4.03 min Scan# 349
Delta R.T. -0.00 min
Lab File: VW007413.D
Acq: 12 Dec 2018 00:55

Tgt Ion: 96 Resp: 16348
Ion Ratio Lower Upper
96 100
61 160.0 126.2 189.2
98 61.6 48.3 72.5





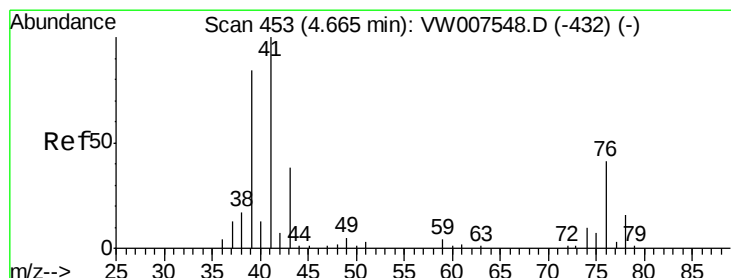
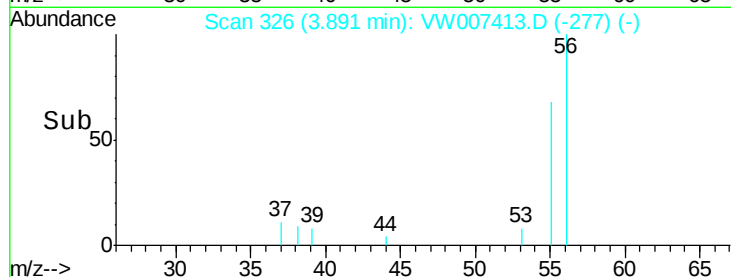
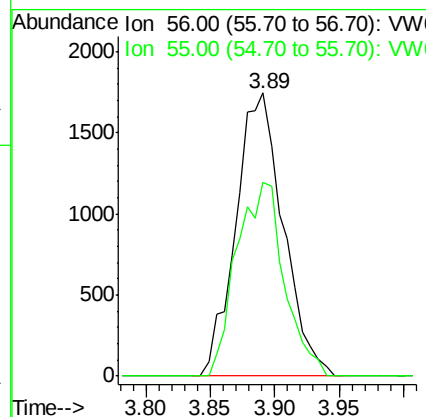
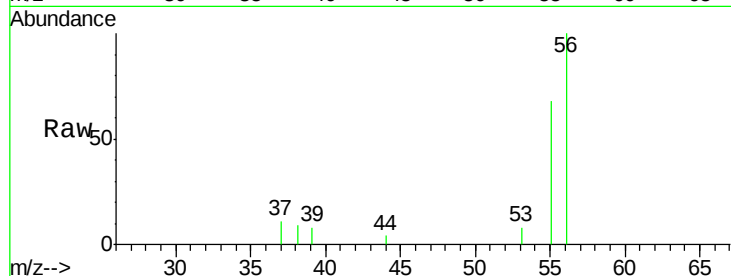
#13
Acrolein
Concen: 106.232 ug/l
RT: 3.89 min Scan# 326
Delta R.T. -0.00 min
Lab File: VW007413.D
Acq: 12 Dec 2018 00:55

Instrument :
MSVOA_W
ClientSampleId :
VW1213SBS01

Tgt Ion: 56 Resp: 4461
Ion Ratio Lower Upper
56 100
55 68.5 57.4 86.2

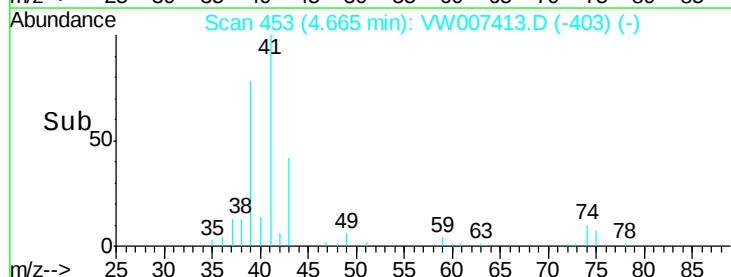
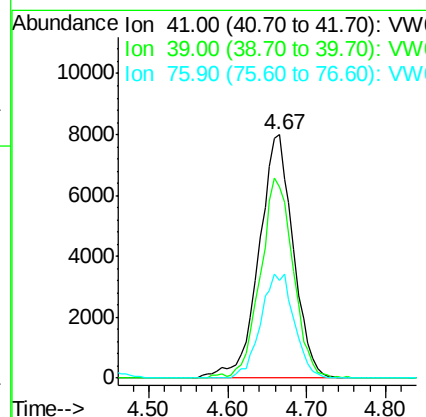
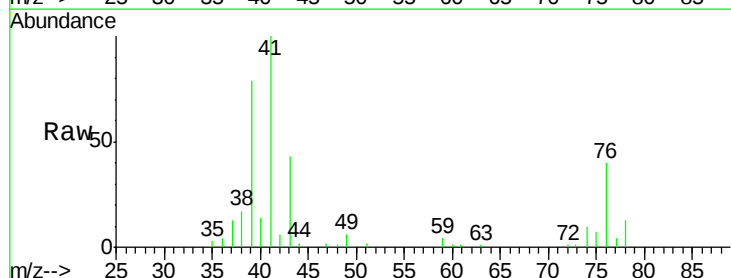
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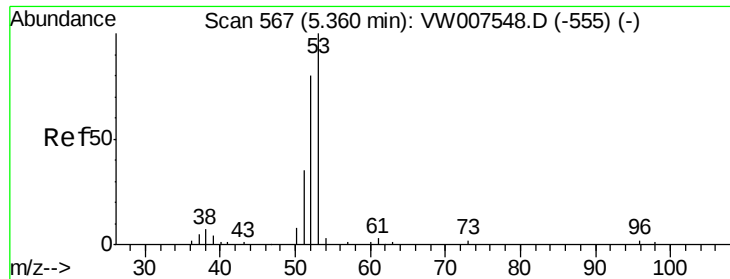
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#14
Allyl chloride
Concen: 19.984 ug/l
RT: 4.67 min Scan# 453
Delta R.T. 0.01 min
Lab File: VW007413.D
Acq: 12 Dec 2018 00:55

Tgt Ion: 41 Resp: 24068
Ion Ratio Lower Upper
41 100
39 78.3 63.4 95.2
76 41.8 32.1 48.1





#15

Acrylonitrile

Concen: 97.517 ug/l

RT: 5.37 min Scan# 568

Delta R.T. -0.00 min

Lab File: VW007413.D

Acq: 12 Dec 2018 00:55

Instrument :

MSVOA_W

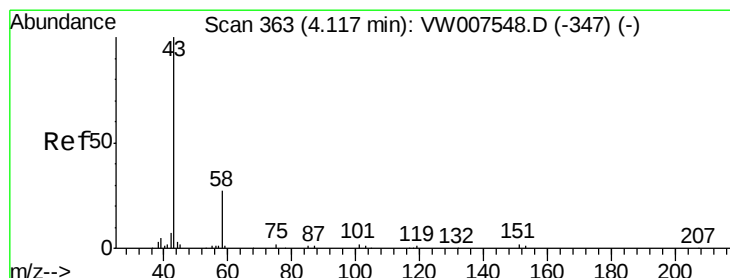
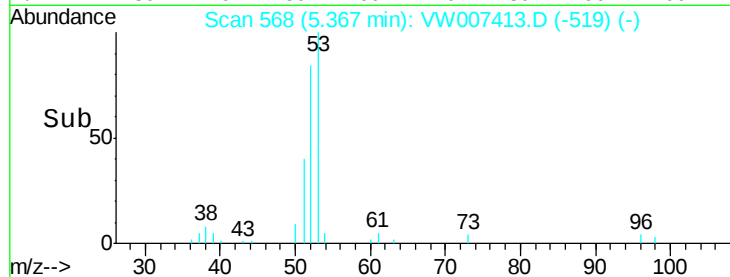
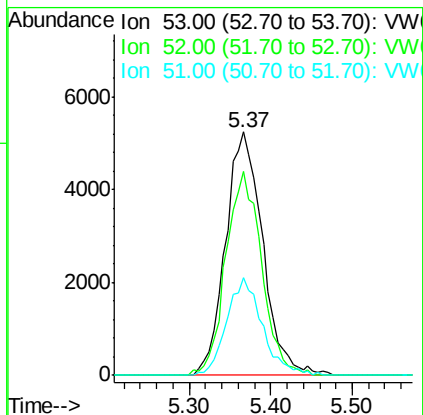
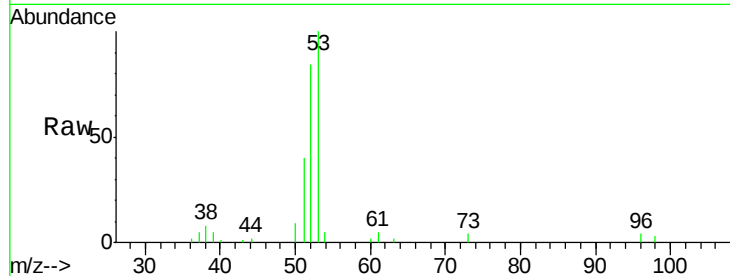
ClientSampled :

VW1213SBS01

Tgt Ion:	53	Resp:	16548
Ion	Ratio	Lower	Upper
53	100		
52	80.5	67.4	101.2
51	38.1	30.2	45.2

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#16

Acetone

Concen: 94.836 ug/l

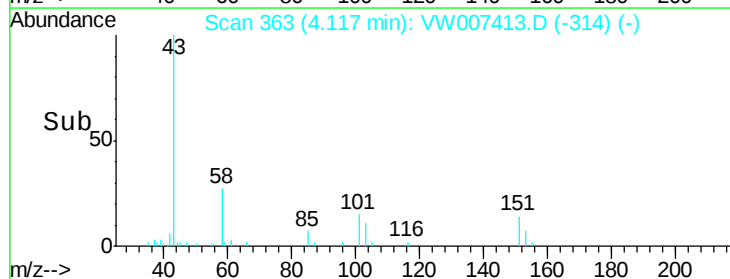
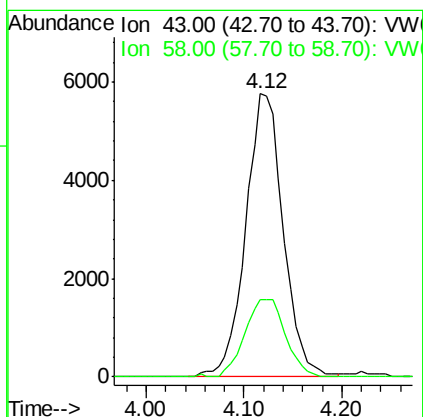
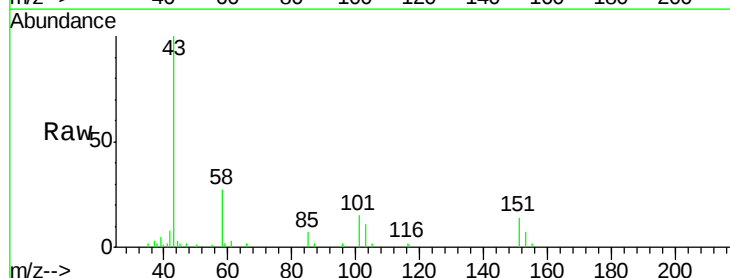
RT: 4.12 min Scan# 363

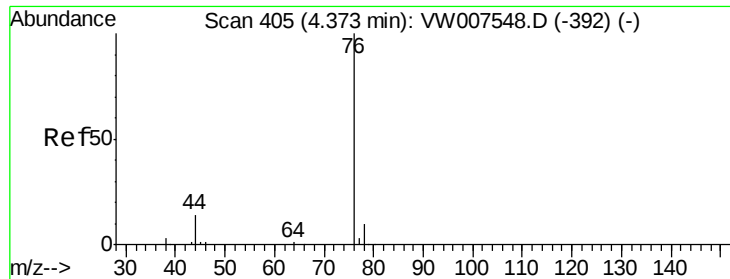
Delta R.T. -0.00 min

Lab File: VW007413.D

Acq: 12 Dec 2018 00:55

Tgt Ion:	43	Resp:	15307
Ion	Ratio	Lower	Upper
43	100		
58	27.4	24.9	37.3





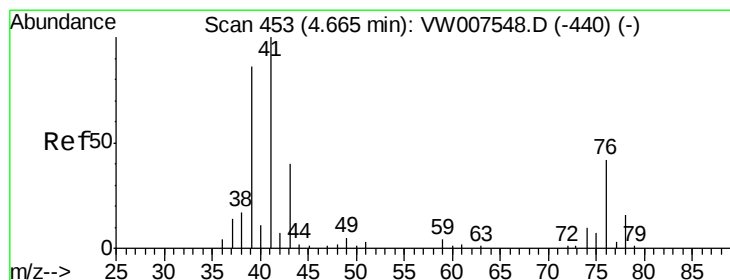
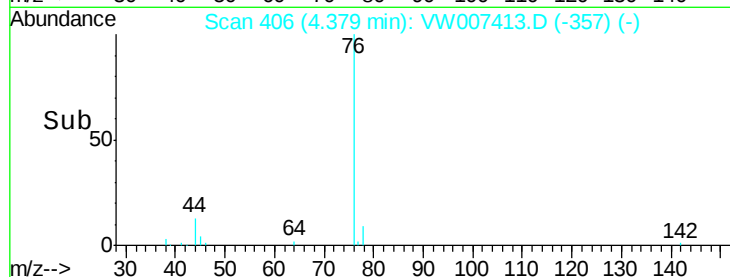
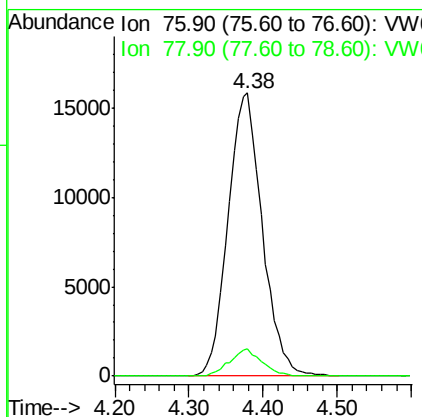
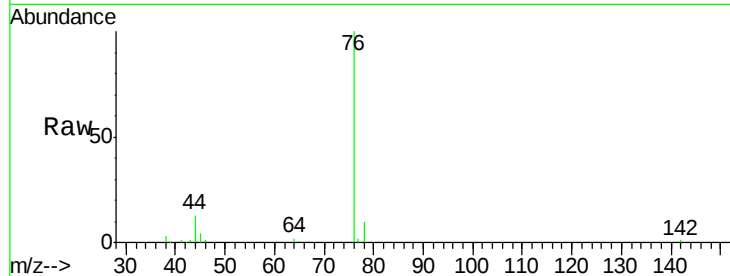
#17
Carbon Disulfide
Concen: 20.555 ug/l
RT: 4.38 min Scan# 406
Delta R.T. -0.00 min
Lab File: VW007413.D
Acq: 12 Dec 2018 00:55

Instrument :
MSVOA_W
ClientSampleId :
VW1213SBSD01

Tgt Ion: 76 Resp: 50924
Ion Ratio Lower Upper
76 100
78 9.8 7.1 10.7

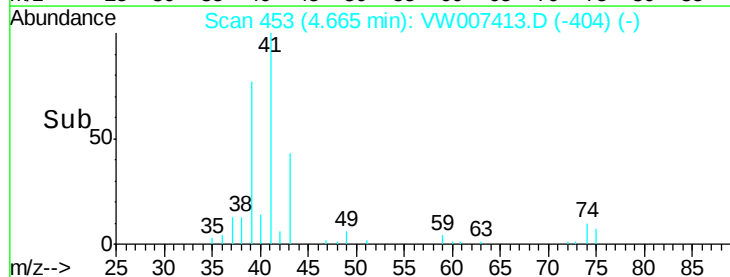
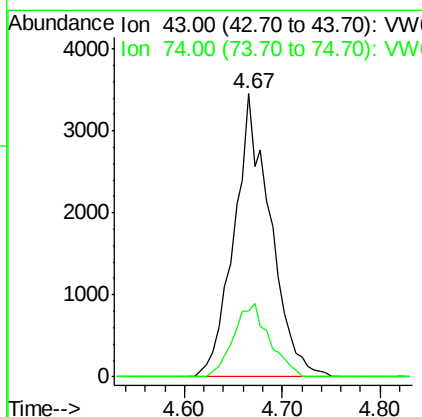
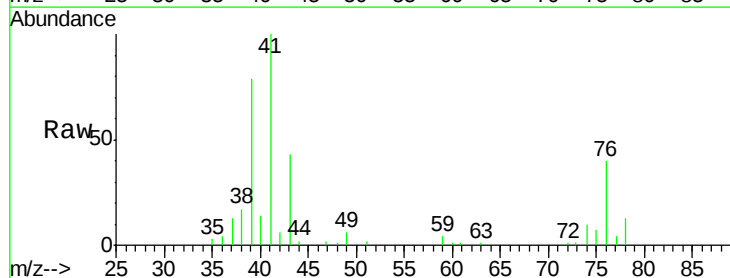
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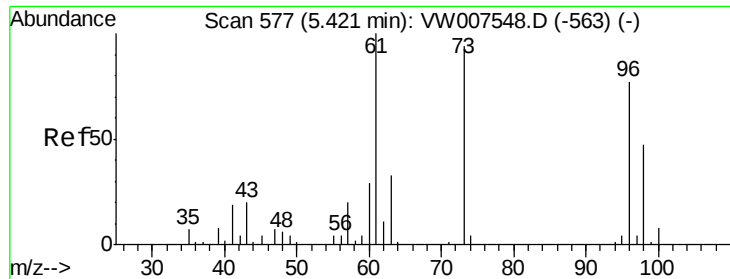
apatel
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#18
Methyl Acetate
Concen: 20.241 ug/l
RT: 4.67 min Scan# 453
Delta R.T. -0.00 min
Lab File: VW007413.D
Acq: 12 Dec 2018 00:55

Tgt Ion: 43 Resp: 8867
Ion Ratio Lower Upper
43 100
74 25.6 21.1 31.7





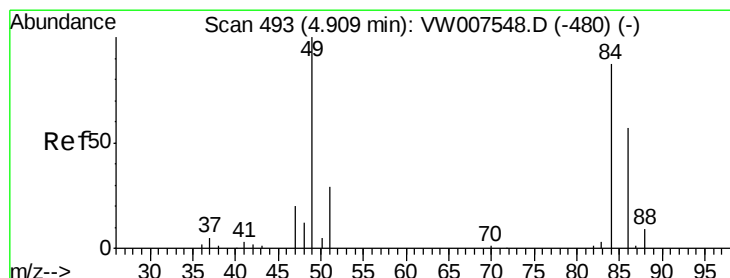
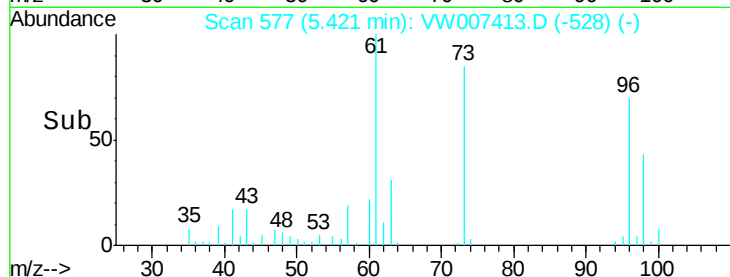
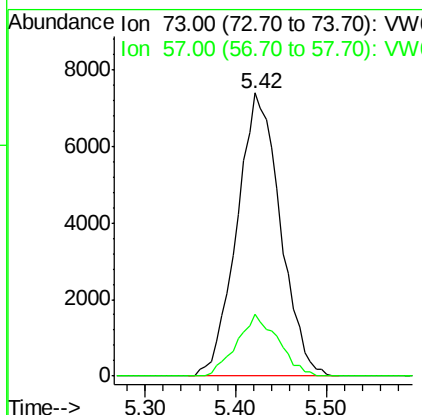
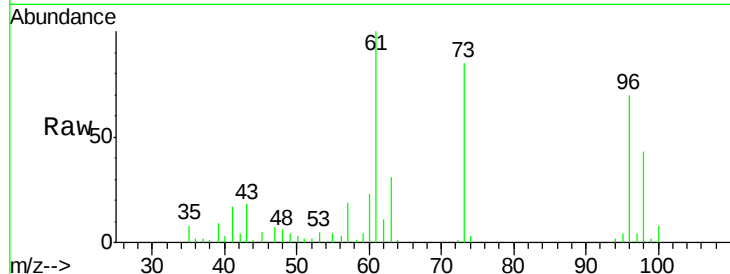
#19
Methyl tert-butyl Ether
Concen: 19.938 ug/l
RT: 5.42 min Scan# 577
Delta R.T. -0.00 min
Lab File: VW007413.D
Acq: 12 Dec 2018 00:55

Instrument :
MSVOA_W
ClientSampleId :
VW1213SBS01

Tgt Ion: 73 Resp: 24576
Ion Ratio Lower Upper
73 100
57 22.1 16.4 24.6

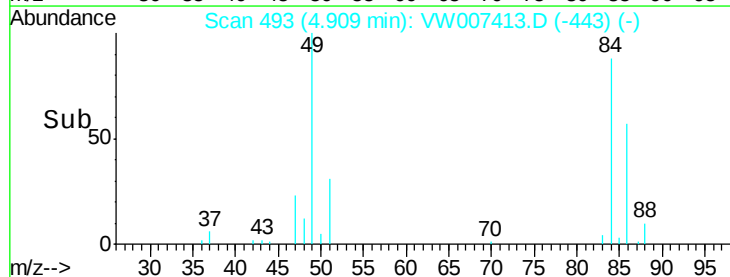
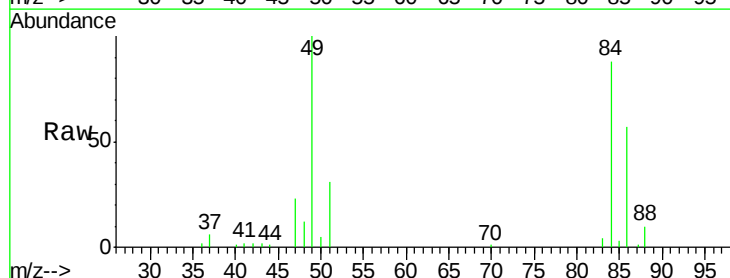
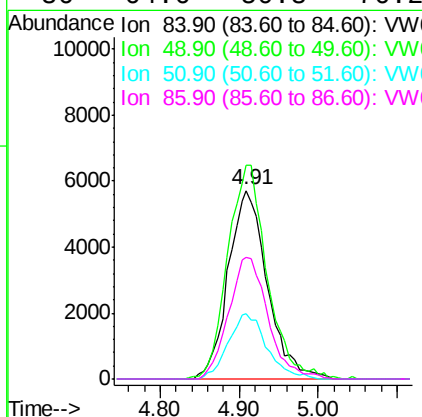
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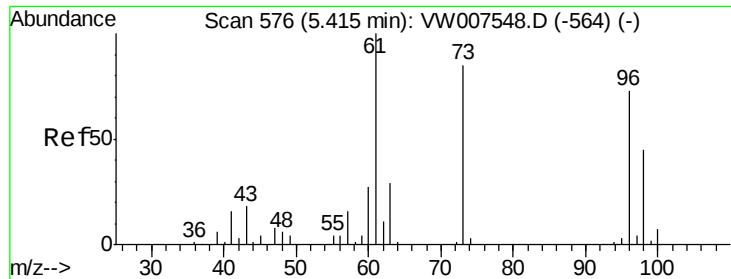
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#20
Methylene Chloride
Concen: 19.960 ug/l
RT: 4.91 min Scan# 493
Delta R.T. 0.01 min
Lab File: VW007413.D
Acq: 12 Dec 2018 00:55

Tgt Ion: 84 Resp: 19695
Ion Ratio Lower Upper
84 100
49 112.4 87.1 130.7
51 34.9 28.2 42.2
86 64.6 50.8 76.2





#21

trans-1,2-Dichloroethene

Concen: 20.235 ug/l

RT: 5.42 min Scan# 576

Delta R.T. -0.00 min

Lab File: VW007413.D

Acq: 12 Dec 2018 00:55

Instrument :

MSVOA_W

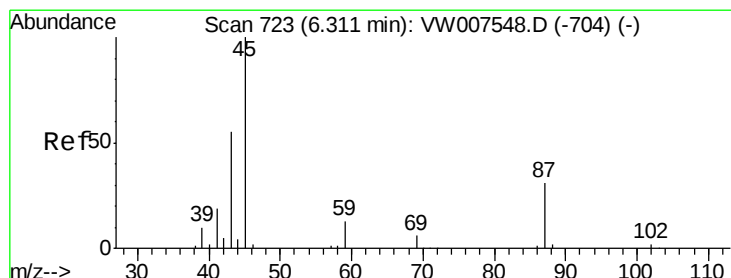
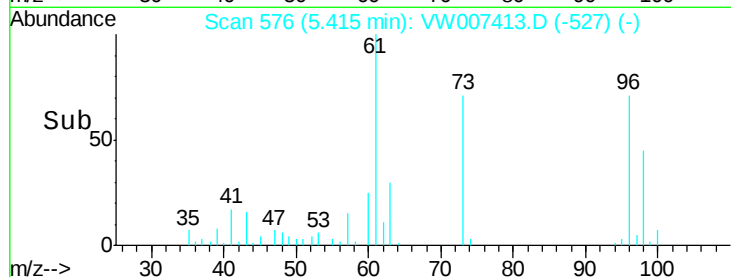
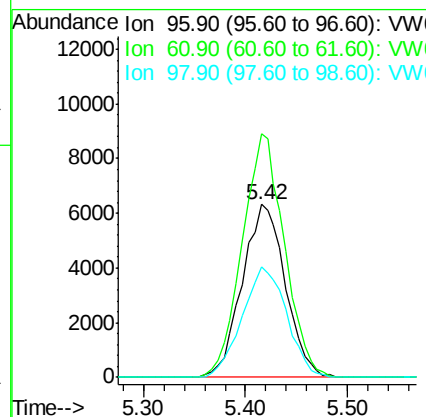
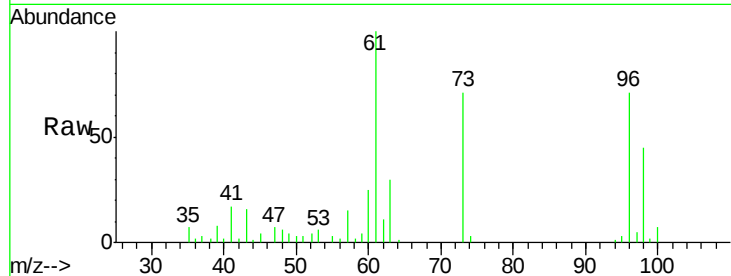
ClientSampleId :

VW1213SBS01

Tgt Ion:	96	Resp:	18495
Ion	Ratio	Lower	Upper
96	100		
61	140.9	105.0	157.6
98	63.7	49.7	74.5

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#22

Diisopropyl ether

Concen: 20.298 ug/l

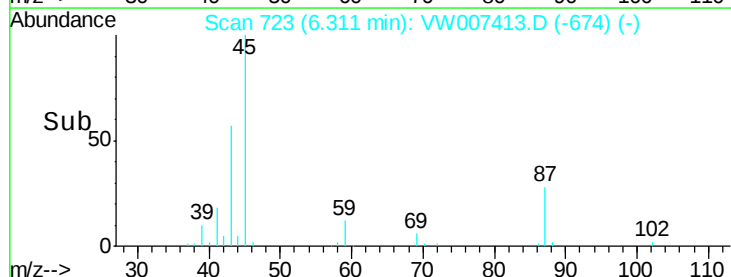
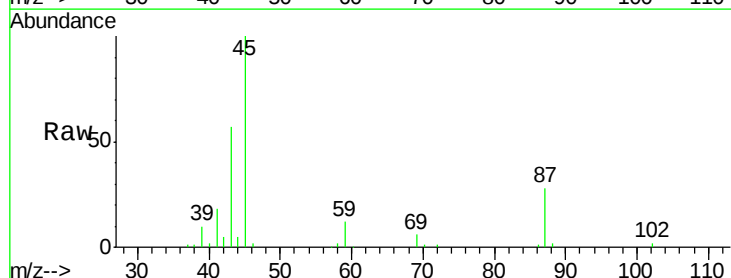
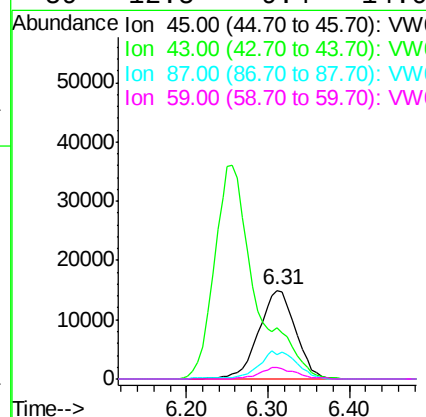
RT: 6.31 min Scan# 723

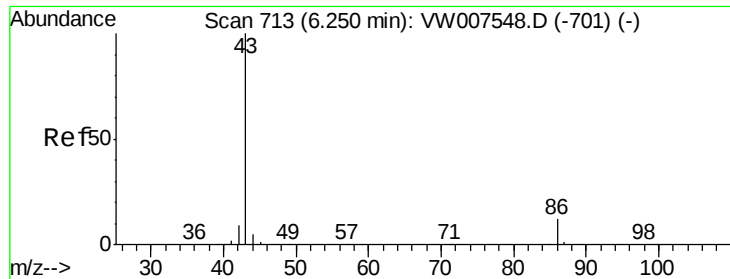
Delta R.T. -0.00 min

Lab File: VW007413.D

Acq: 12 Dec 2018 00:55

Tgt Ion:	45	Resp:	46989
Ion	Ratio	Lower	Upper
45	100		
43	56.9	41.6	62.4
87	28.1	24.3	36.5
59	12.5	9.4	14.0





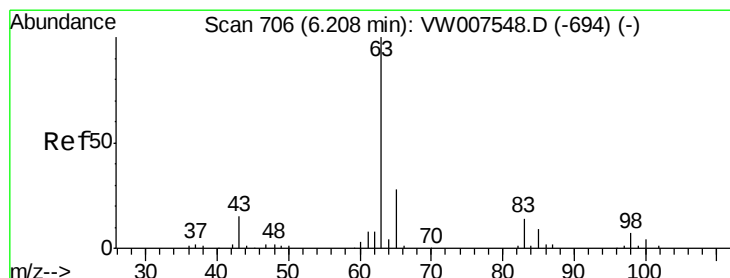
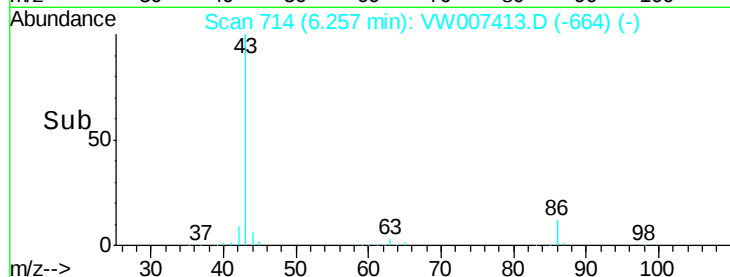
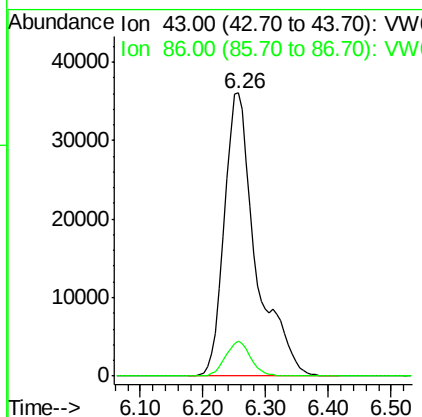
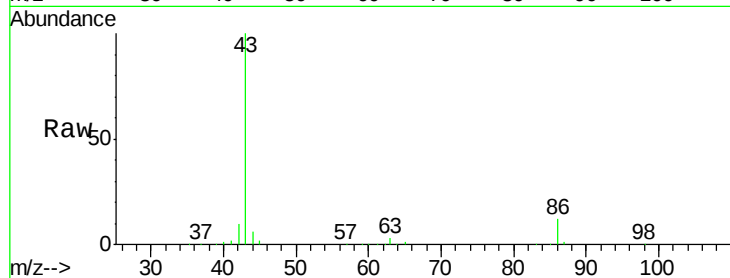
#23
 Vinyl Acetate
 Concen: 97.011 ug/l
 RT: 6.26 min Scan# 714
 Delta R.T. 0.01 min
 Lab File: VW007413.D
 Acq: 12 Dec 2018 00:55

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1213SBS01

Tgt Ion	Ratio	Resp	Lower	Upper
43	100	125615		
86	12.4		8.6	12.8

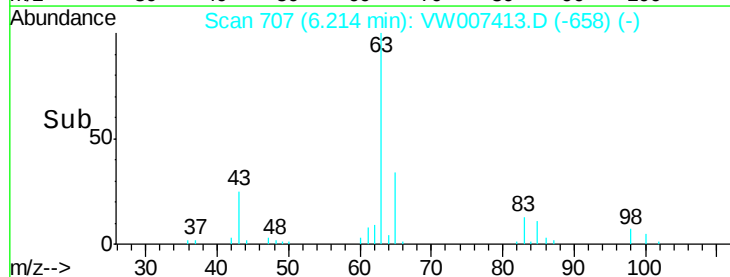
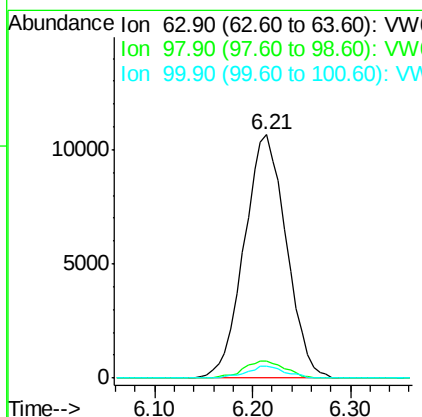
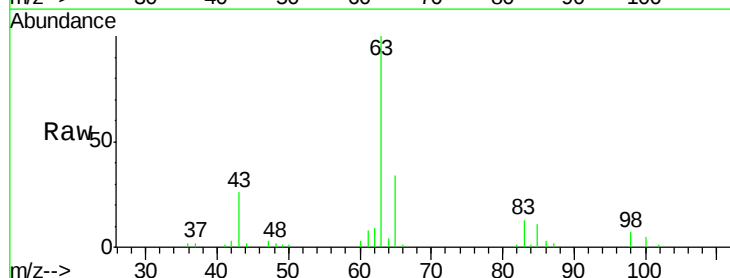
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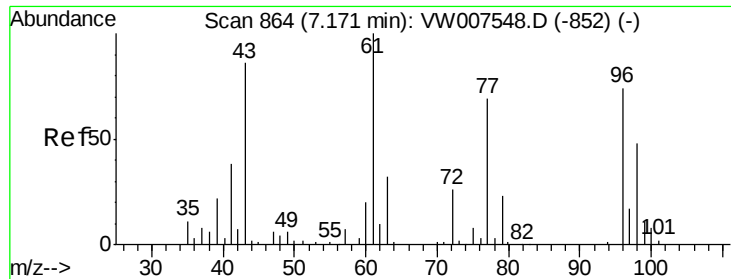
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#24
 1,1-Dichloroethane
 Concen: 20.364 ug/l
 RT: 6.21 min Scan# 707
 Delta R.T. -0.00 min
 Lab File: VW007413.D
 Acq: 12 Dec 2018 00:55

Tgt Ion	Ratio	Resp	Lower	Upper
63	100	31861		
98	7.2		3.5	10.4
100	4.9		2.5	7.5





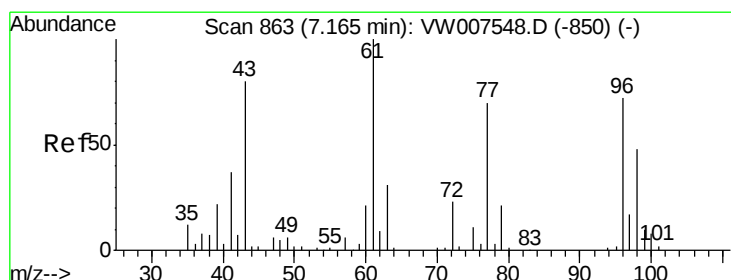
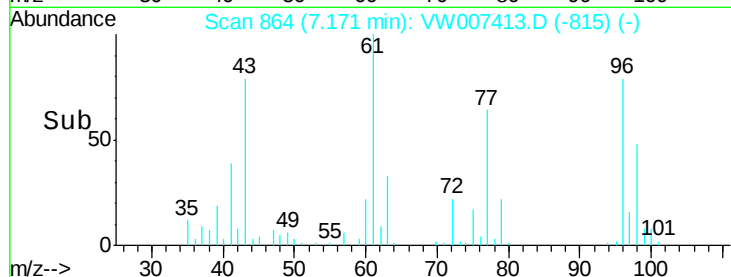
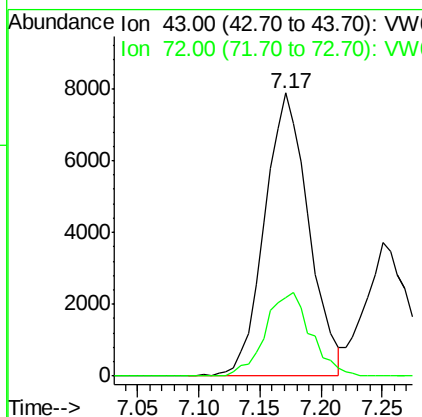
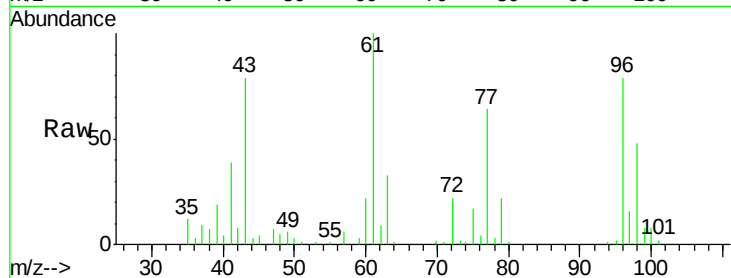
#25
2-Butanone
Concen: 93.994 ug/l
RT: 7.17 min Scan# 864
Delta R.T. -0.00 min
Lab File: VW007413.D
Acq: 12 Dec 2018 00:55

Instrument :
MSVOA_W
ClientSampleId :
VW1213SBS01

Tgt Ion: 43 Resp: 19806
Ion Ratio Lower Upper
43 100
72 27.7 23.4 35.2

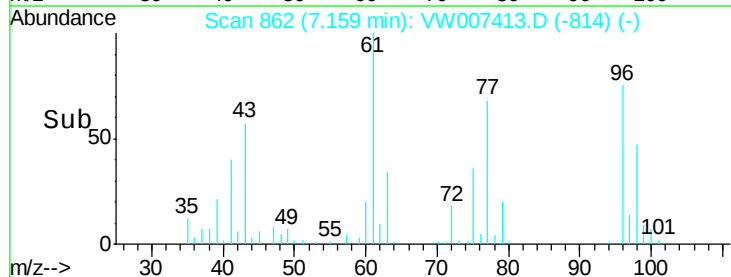
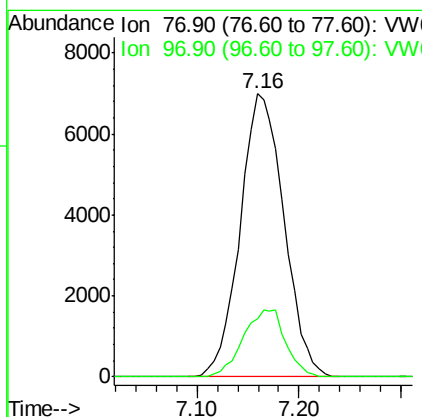
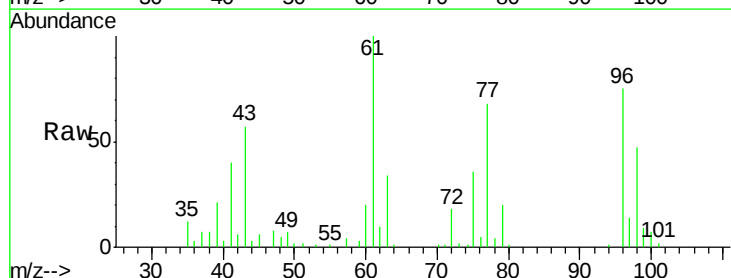
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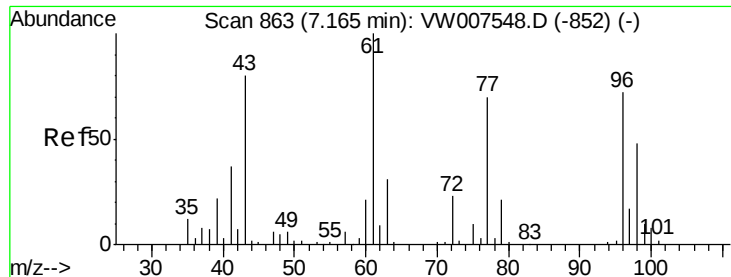
apatel
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#26
2,2-Dichloropropane
Concen: 20.120 ug/l
RT: 7.16 min Scan# 862
Delta R.T. -0.01 min
Lab File: VW007413.D
Acq: 12 Dec 2018 00:55

Tgt Ion: 77 Resp: 20834
Ion Ratio Lower Upper
77 100
97 23.0 11.6 34.8





#27

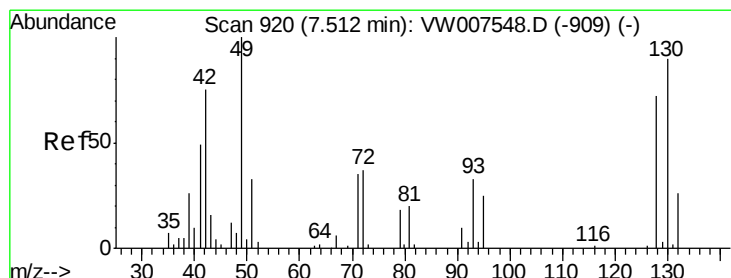
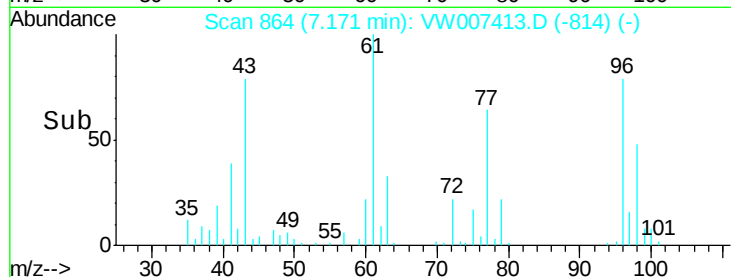
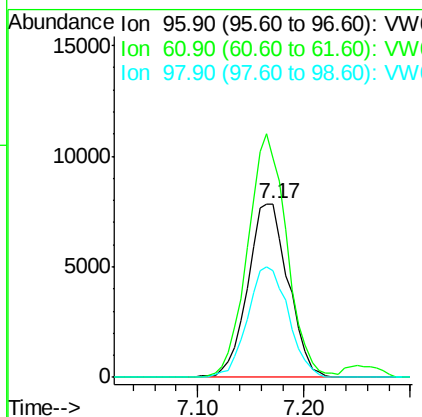
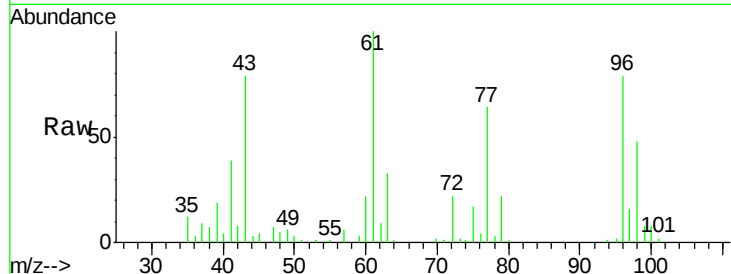
cis-1,2-Dichloroethene
Concen: 20.907 ug/l
RT: 7.17 min Scan# 864
Delta R.T. 0.01 min
Lab File: VW007413.D
Acq: 12 Dec 2018 00:55

Instrument :
MSVOA_W
ClientSampleId :
VW1213SBS01

Tgt Ion	Ratio	Lower	Upper
96	100		
61	135.7	0.0	268.4
98	64.0	0.0	127.8

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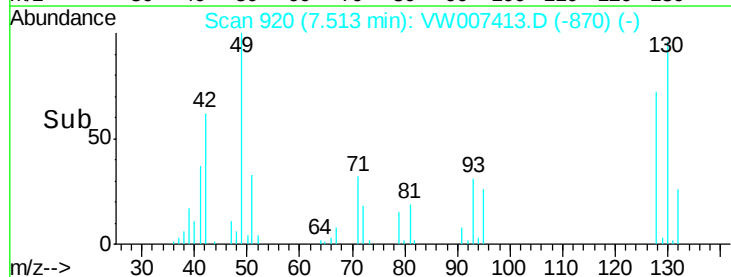
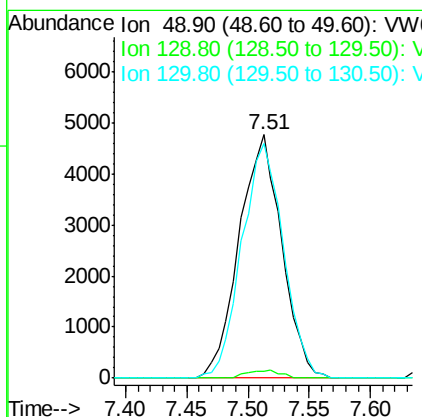
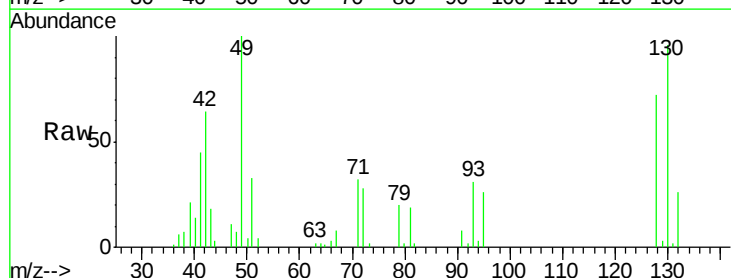
apatel
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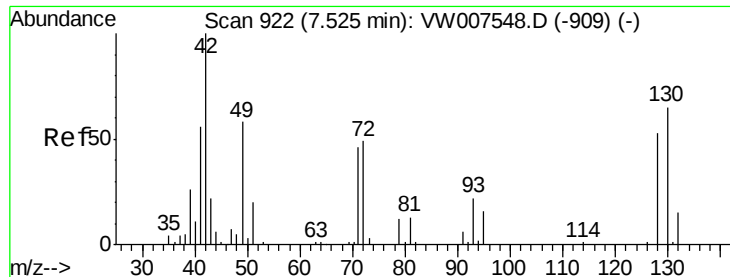


#28

Bromochloromethane
Concen: 19.643 ug/l
RT: 7.51 min Scan# 920
Delta R.T. 0.01 min
Lab File: VW007413.D
Acq: 12 Dec 2018 00:55

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.4	0.0	2.6
130	94.3	75.9	113.9





#29

Tetrahydrofuran

Concen: 96.726 ug/l

RT: 7.53 min Scan# 923

Delta R.T. -0.00 min

Lab File: VW007413.D

Acq: 12 Dec 2018 00:55

Instrument :

MSVOA_W

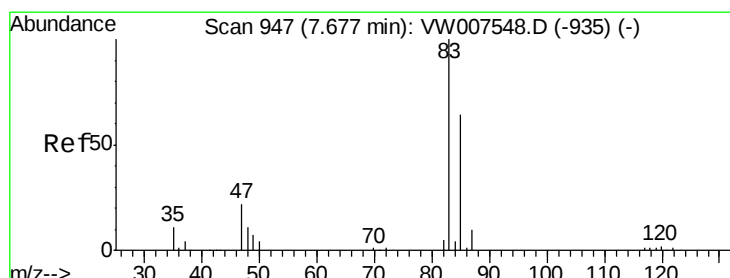
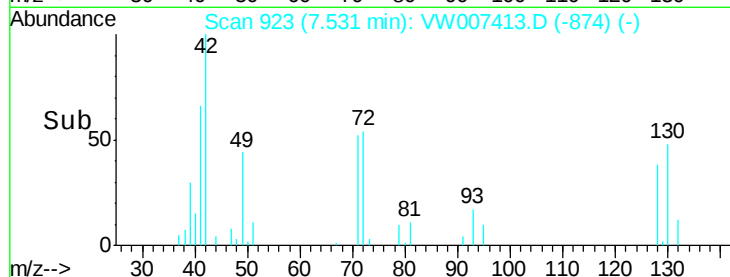
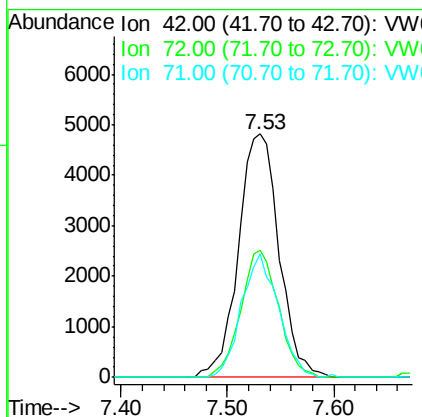
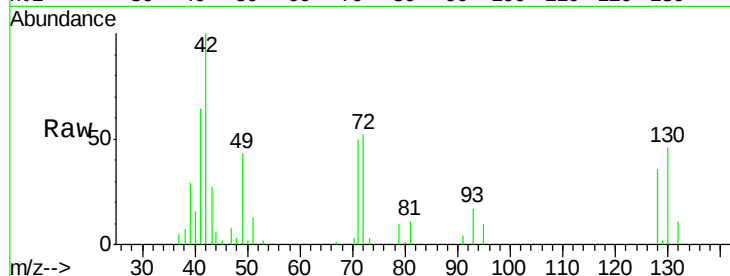
ClientSampleId :

VW1213SBS01

Tgt Ion:	42	Resp:	12903
Ion Ratio		Lower	Upper
42	100		
72	48.4	38.2	57.4
71	46.0	35.5	53.3

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#30

Chloroform

Concen: 20.441 ug/l

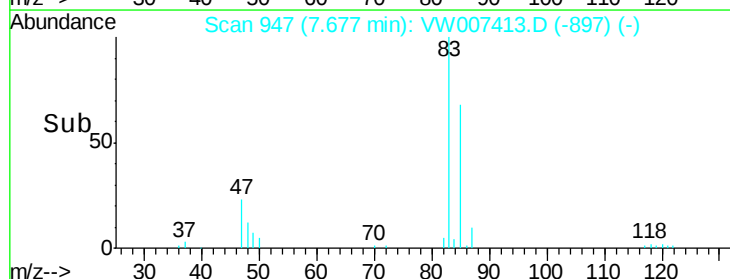
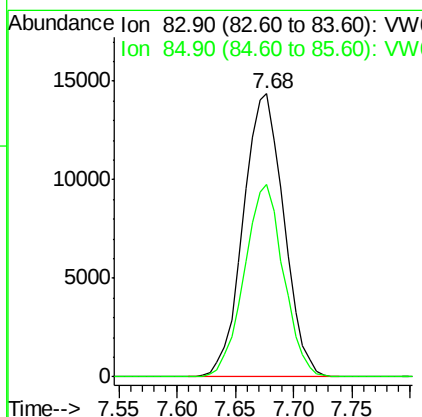
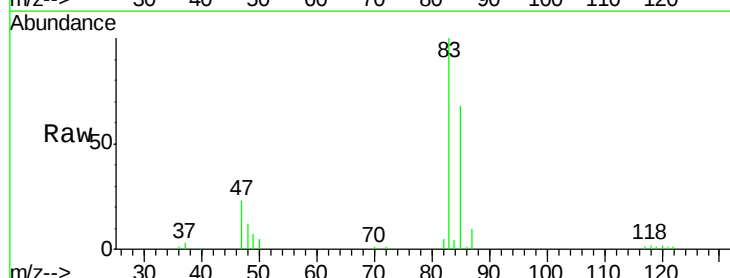
RT: 7.68 min Scan# 947

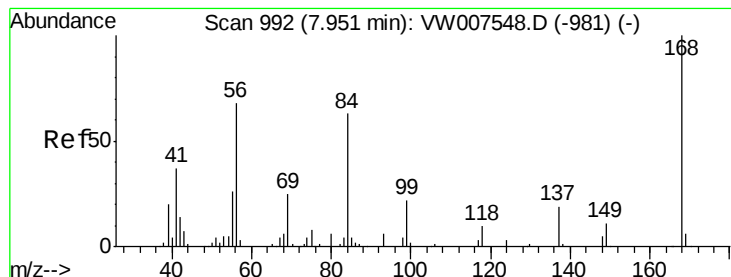
Delta R.T. 0.01 min

Lab File: VW007413.D

Acq: 12 Dec 2018 00:55

Tgt Ion:	83	Resp:	34805
Ion Ratio		Lower	Upper
83	100		
85	67.9	51.8	77.8





#31

Cyclohexane

Concen: 19.625 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.00 min

Lab File: VW007413.D

Acq: 12 Dec 2018 00:55

Instrument :

MSVOA_W

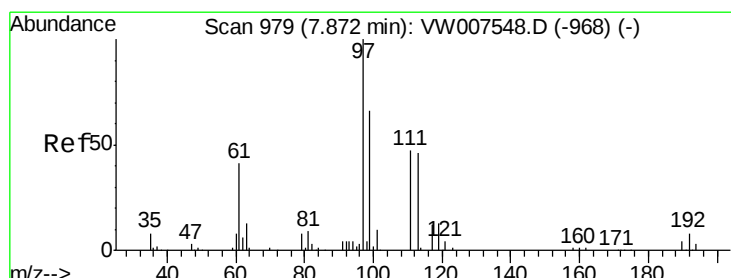
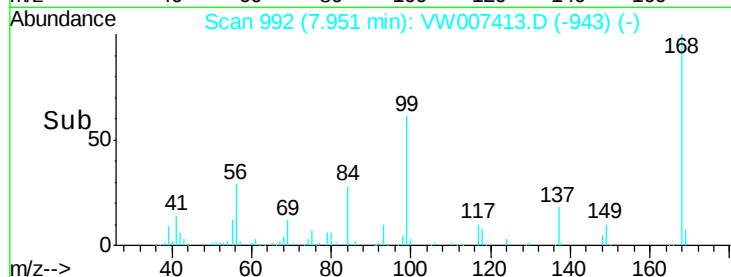
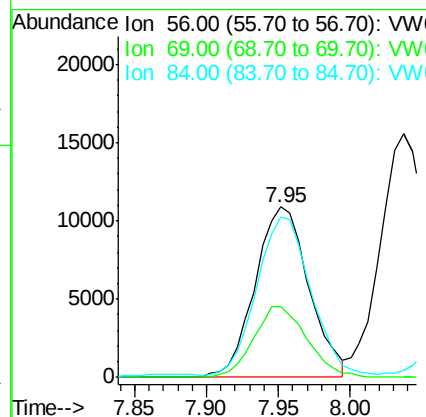
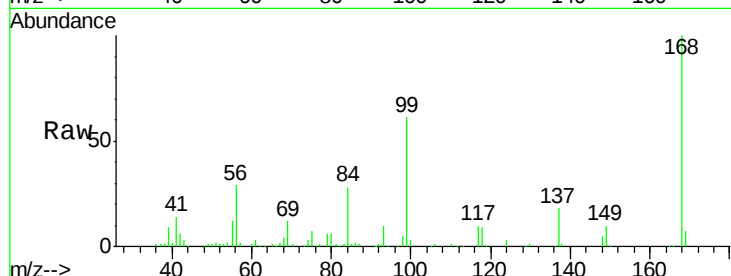
ClientSampleId :

VW1213SBS01

Tgt Ion:	56	Resp:	28172
Ion Ratio	Lower	Upper	
56	100		
69	41.6	28.9	43.3
84	92.3	71.8	107.6

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#32

1,1,1-Trichloroethane

Concen: 20.470 ug/l

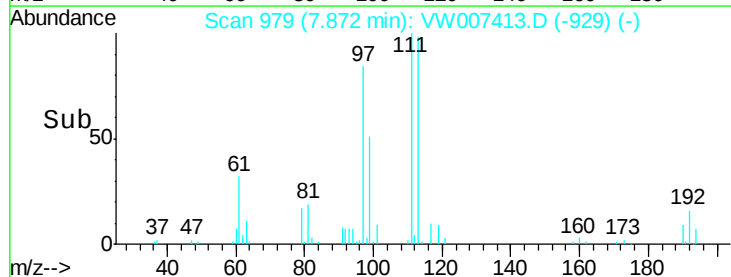
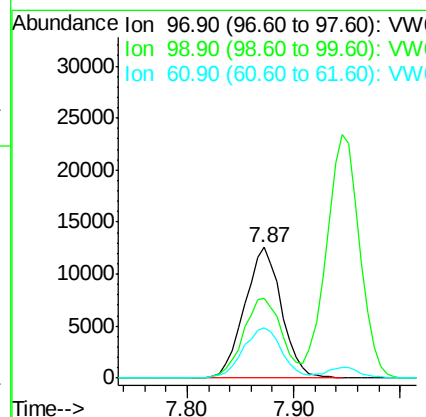
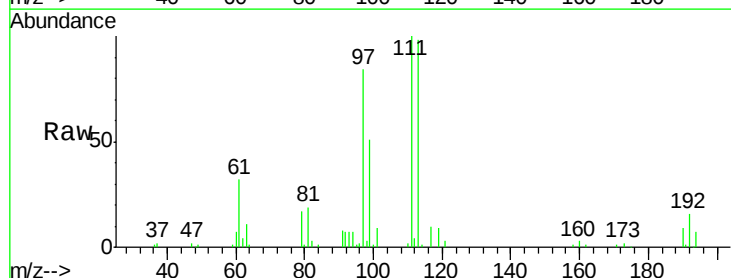
RT: 7.87 min Scan# 979

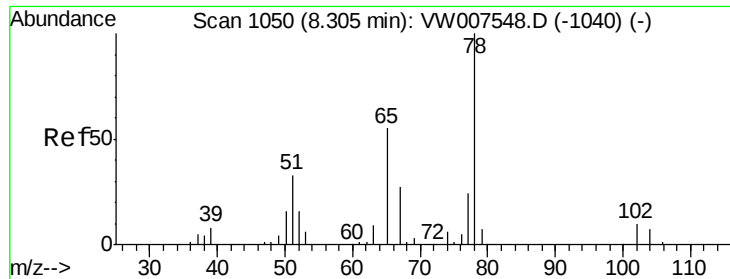
Delta R.T. 0.01 min

Lab File: VW007413.D

Acq: 12 Dec 2018 00:55

Tgt Ion:	97	Resp:	30564
Ion Ratio	Lower	Upper	
97	100		
99	64.7	51.1	76.7
61	40.3	33.2	49.8





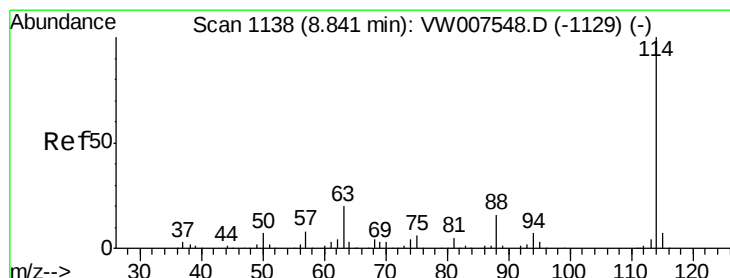
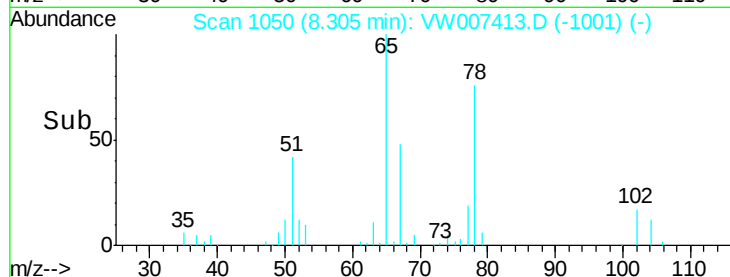
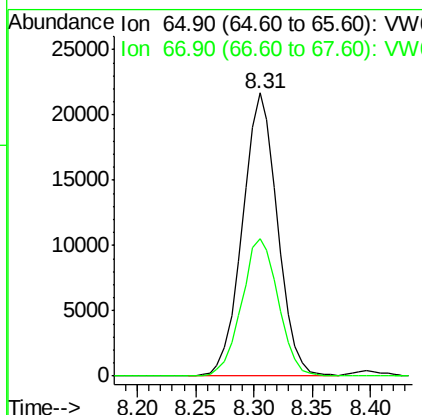
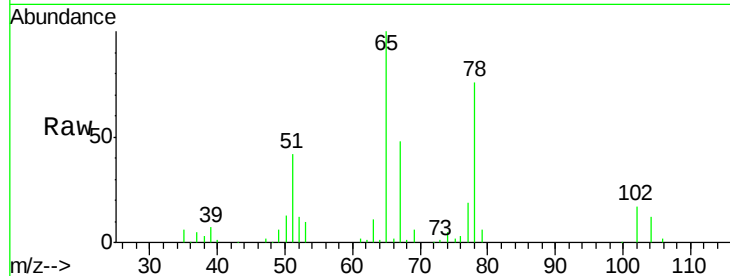
#33
 1,2-Dichloroethane-d4
 Concen: 49.211 ug/l
 RT: 8.31 min Scan# 1050
 Delta R.T. -0.00 min
 Lab File: VW007413.D
 Acq: 12 Dec 2018 00:55

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1213SBS01

Tgt Ion: 65 Resp: 45474
 Ion Ratio Lower Upper
 65 100
 67 50.6 0.0 101.6

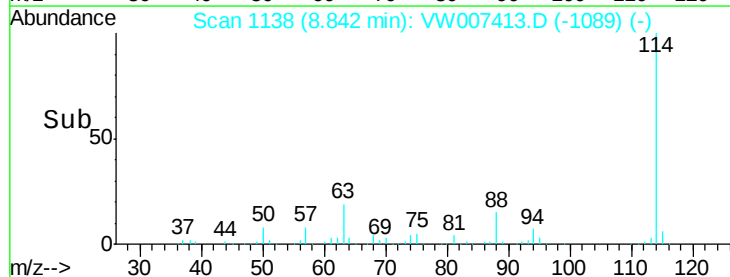
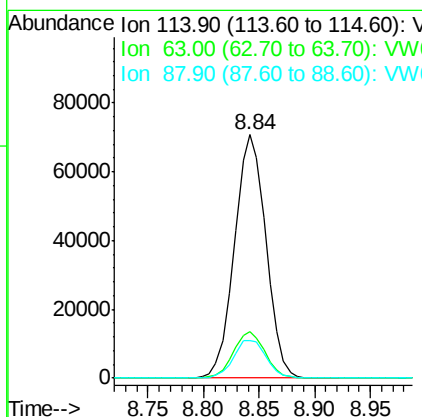
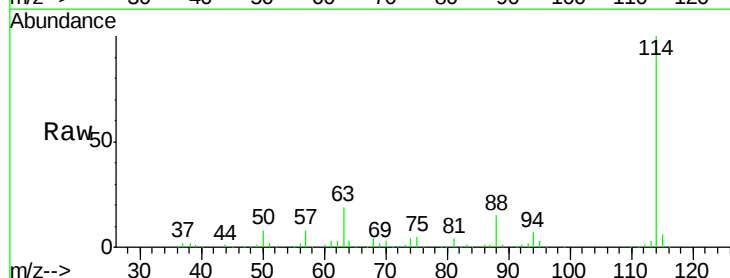
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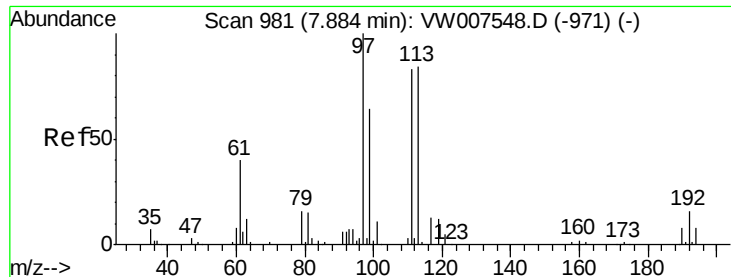
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VW007413.D
 Acq: 12 Dec 2018 00:55

Tgt Ion: 114 Resp: 138150
 Ion Ratio Lower Upper
 114 100
 63 19.2 0.0 39.6
 88 15.4 0.0 31.4





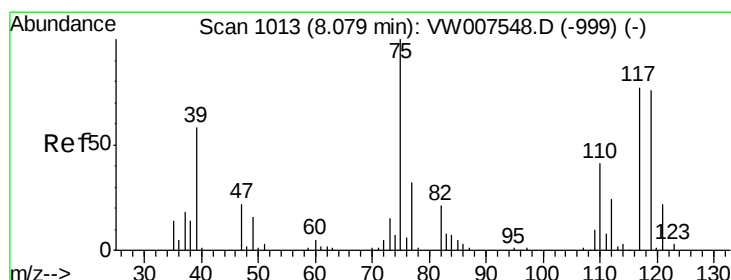
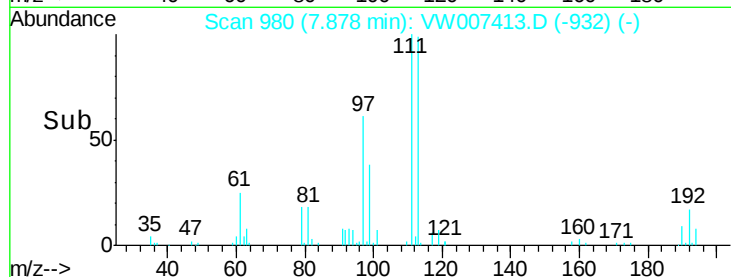
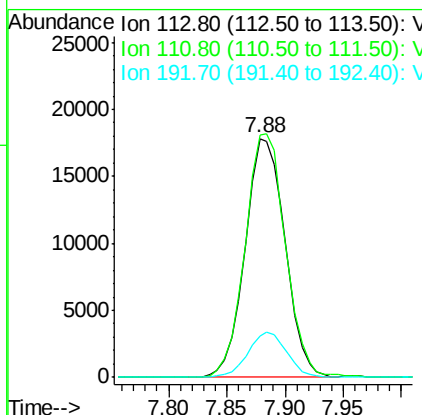
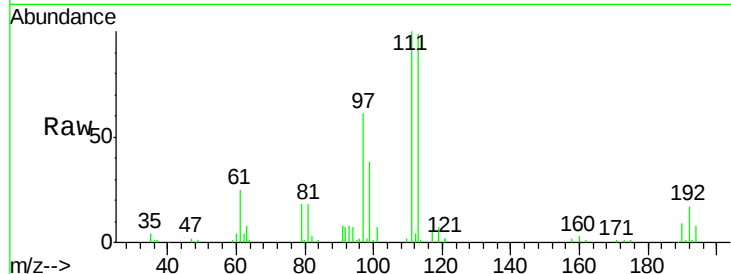
#35
Dibromofluoromethane
Concen: 51.025 ug/l
RT: 7.88 min Scan# 980
Delta R.T. -0.01 min
Lab File: VW007413.D
Acq: 12 Dec 2018 00:55

Instrument :
MSVOA_W
ClientSampleId :
VW1213SBS01

Tgt Ion	Ratio	Lower	Upper
113	100		
111	103.0	81.1	121.7
192	18.4	14.6	21.8

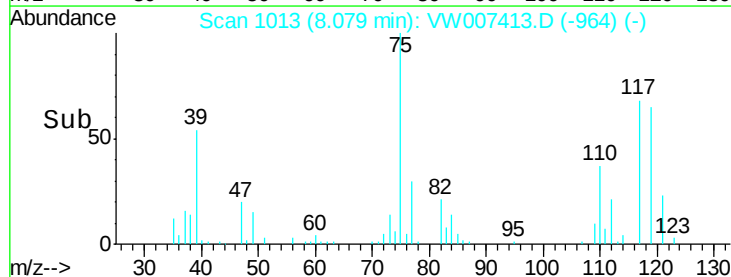
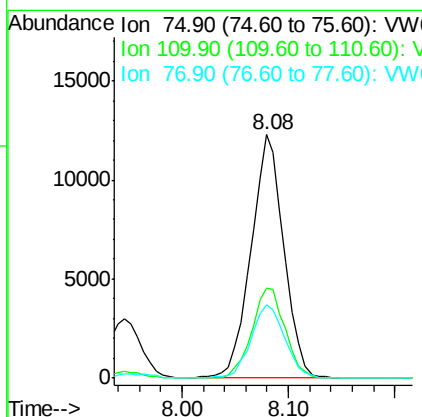
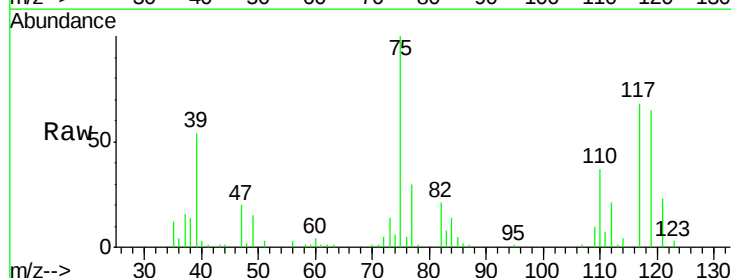
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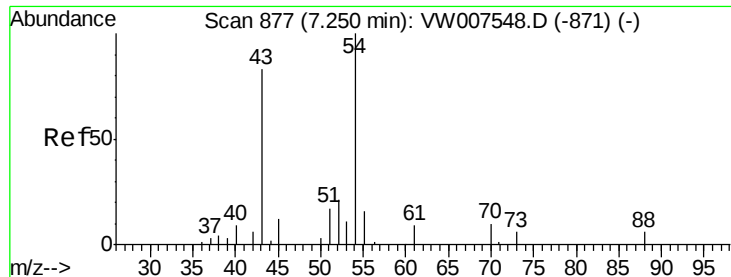
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#36
1,1-Dichloropropene
Concen: 20.942 ug/l
RT: 8.08 min Scan# 1013
Delta R.T. -0.00 min
Lab File: VW007413.D
Acq: 12 Dec 2018 00:55

Tgt Ion	Ratio	Lower	Upper
75	100		
110	37.5	18.5	55.5
77	31.2	25.6	38.4





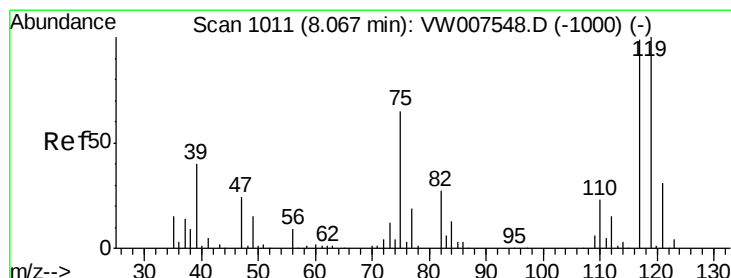
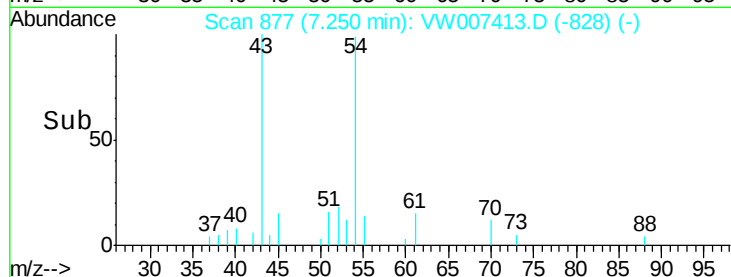
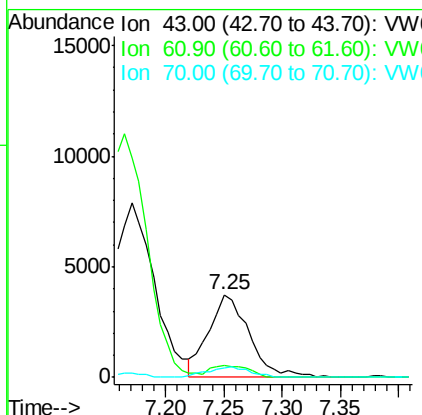
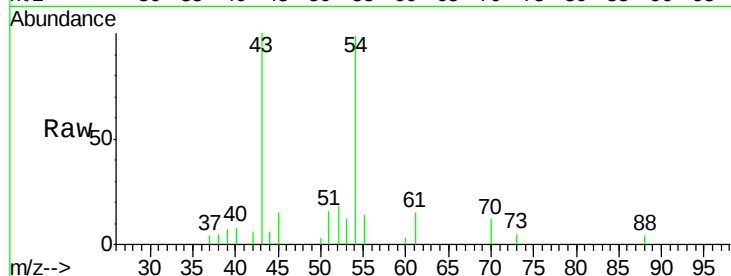
#37
Ethyl Acetate
Concen: 19.228 ug/l
RT: 7.25 min Scan# 877
Delta R.T. -0.00 min
Lab File: VW007413.D
Acq: 12 Dec 2018 00:55

Instrument :
MSVOA_W
ClientSampleId :
VW1213SBSD01

Tgt Ion: 43 Resp: 9013
Ion Ratio Lower Upper
43 100
61 13.2 12.1 18.1
70 13.1 10.0 15.0

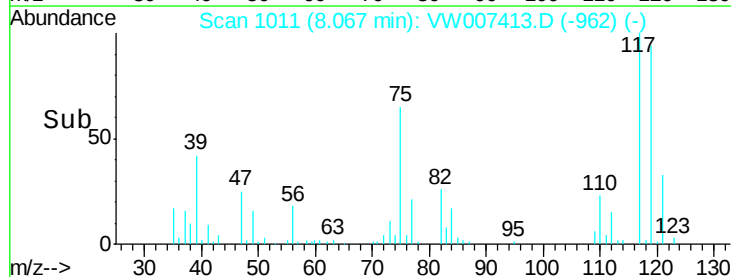
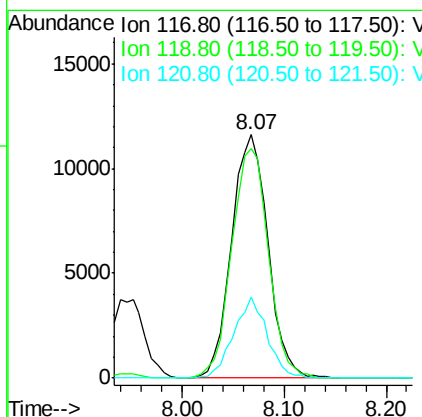
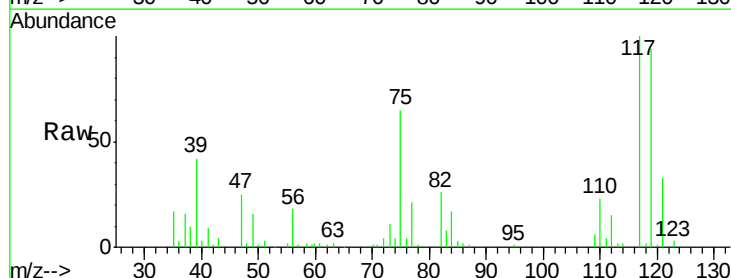
Manual Integrations
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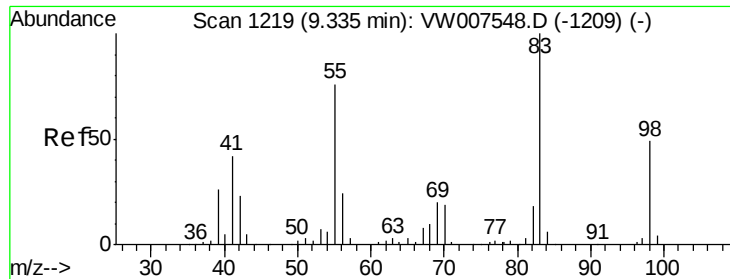
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#38
Carbon Tetrachloride
Concen: 20.965 ug/l
RT: 8.07 min Scan# 1011
Delta R.T. -0.00 min
Lab File: VW007413.D
Acq: 12 Dec 2018 00:55

Tgt Ion: 117 Resp: 28748
Ion Ratio Lower Upper
117 100
119 94.1 74.3 111.5
121 33.4 24.3 36.5





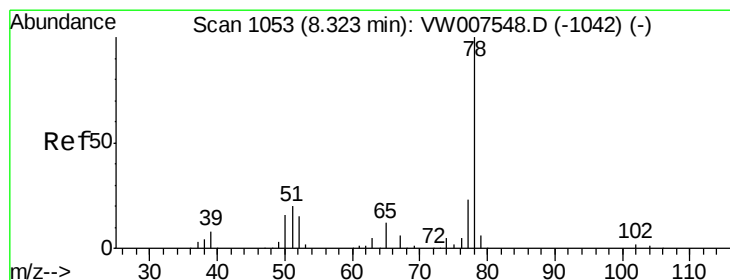
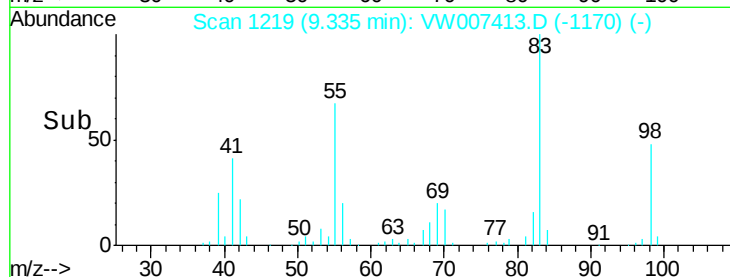
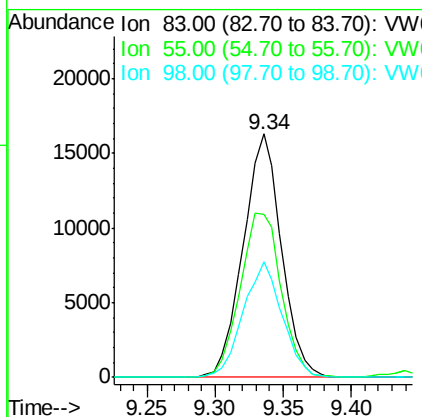
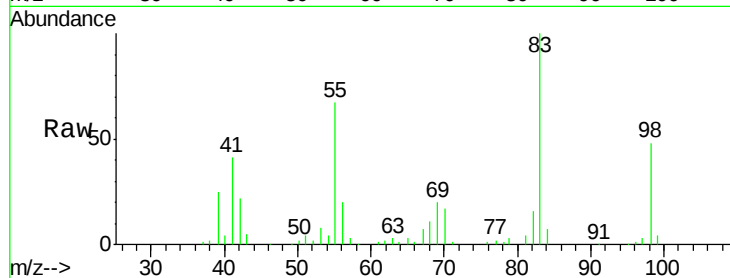
#39
Methylcyclohexane
Concen: 21.016 ug/l
RT: 9.34 min Scan# 1219
Delta R.T. -0.00 min
Lab File: VW007413.D
Acq: 12 Dec 2018 00:55

Instrument :
MSVOA_W
ClientSampleId :
VW1213SBS01

Tgt Ion	Ratio	Lower	Upper
83	100		
55	66.7	62.8	94.2
98	47.7	42.2	63.2

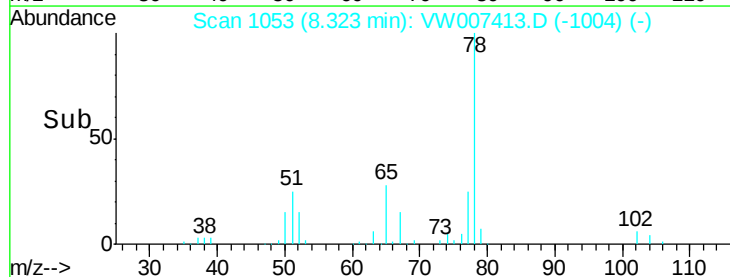
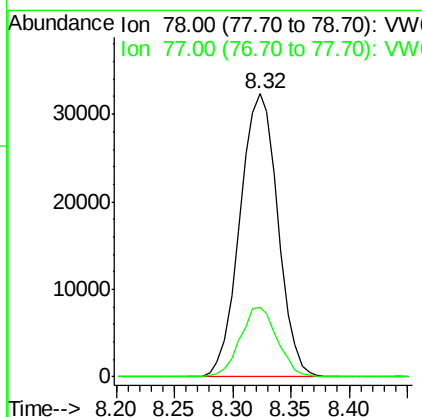
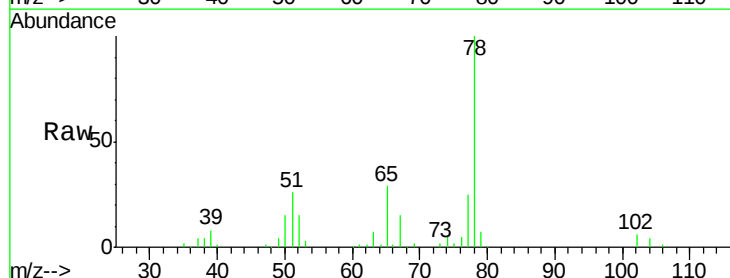
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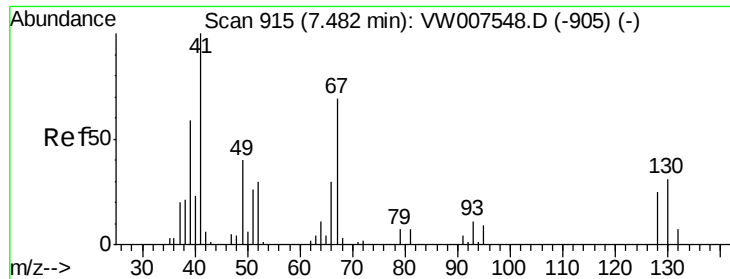
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#40
Benzene
Concen: 21.009 ug/l
RT: 8.32 min Scan# 1053
Delta R.T. -0.00 min
Lab File: VW007413.D
Acq: 12 Dec 2018 00:55

Tgt Ion	Ratio	Lower	Upper
78	100		
77	24.7	18.8	28.2





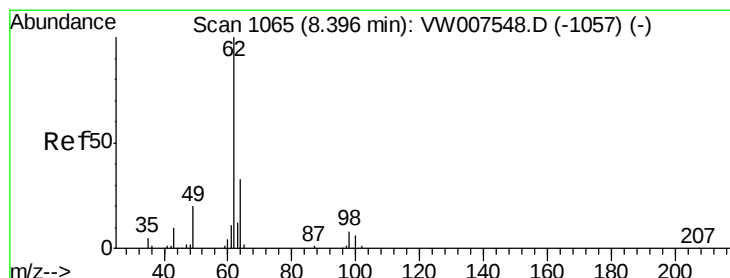
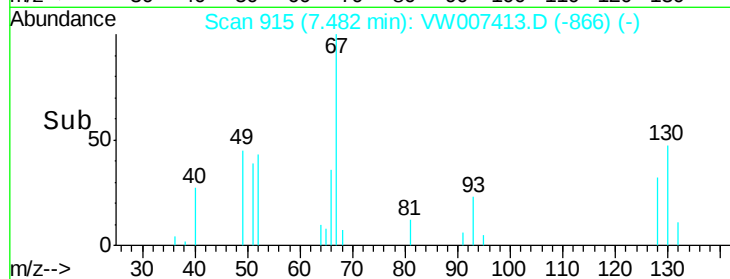
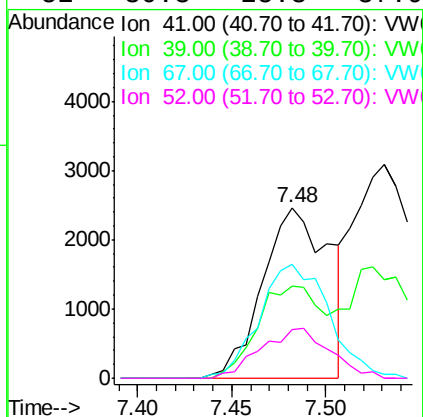
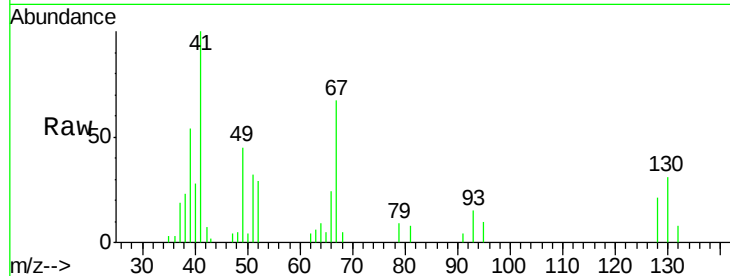
#41
Methacrylonitrile
Concen: 22.666 ug/l
RT: 7.48 min Scan# 915
Delta R.T. -0.00 min
Lab File: VW007413.D
Acq: 12 Dec 2018 00:55

Instrument :
MSVOA_W
ClientSampleId :
VW1213SBS01

Tgt Ion	Ratio	Lower	Upper
41	100		
39	51.7	52.2	78.2#
67	70.0	60.5	90.7
52	30.3	25.3	37.9

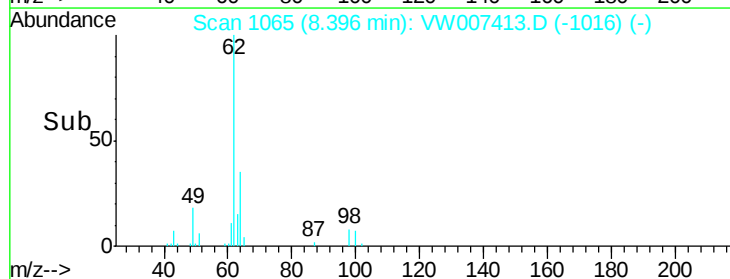
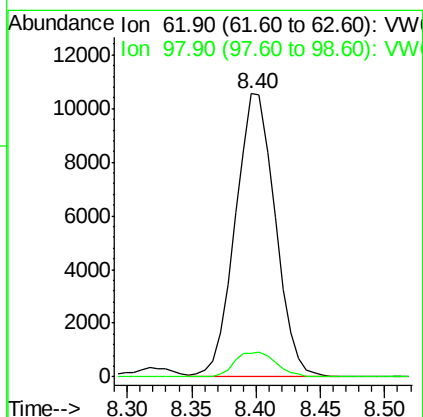
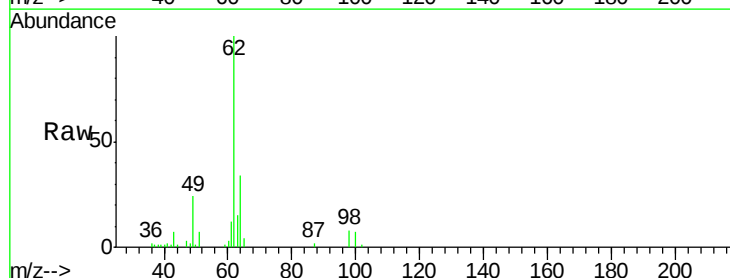
Manual Integrations
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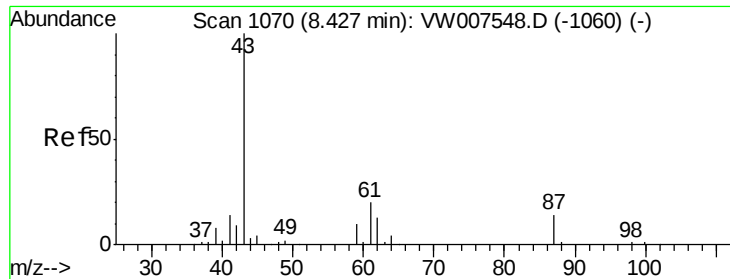
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#42
1,2-Dichloroethane
Concen: 20.666 ug/l
RT: 8.40 min Scan# 1065
Delta R.T. -0.00 min
Lab File: VW007413.D
Acq: 12 Dec 2018 00:55

Tgt Ion	Ratio	Lower	Upper
62	100		
98	9.1	0.0	17.6





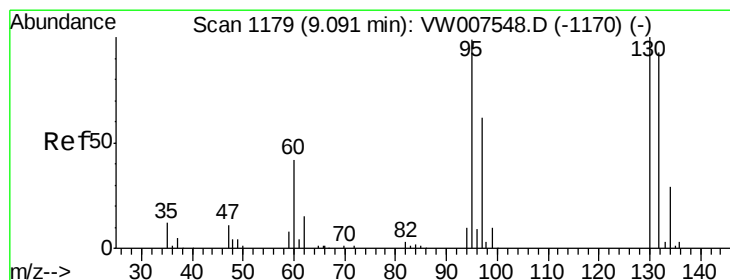
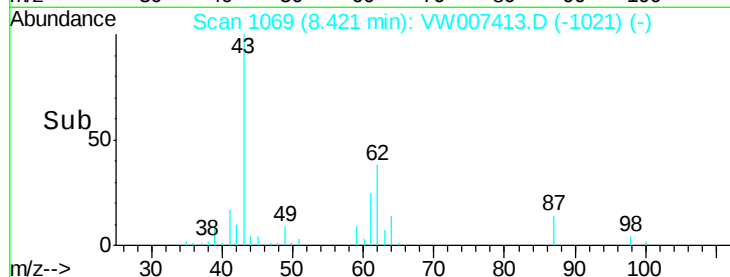
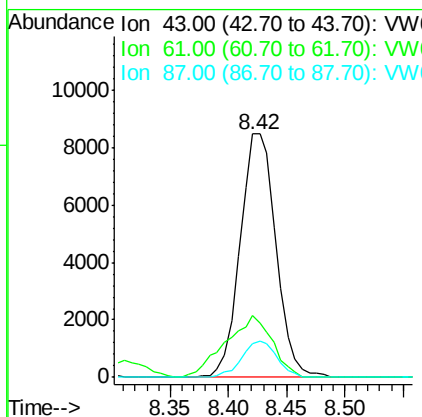
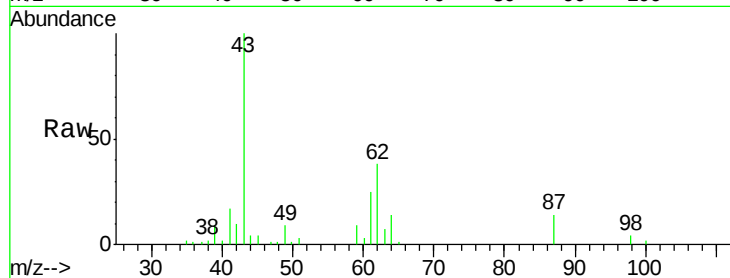
#43
Isopropyl Acetate
Concen: 19.673 ug/l
RT: 8.42 min Scan# 1069
Delta R.T. -0.01 min
Lab File: VW007413.D
Acq: 12 Dec 2018 00:55

Instrument :
MSVOA_W
ClientSampleId :
VW1213SBSD01

Tgt Ion	Ratio	Lower	Upper
43	100		
61	32.8	25.3	37.9
87	14.6	11.8	17.8

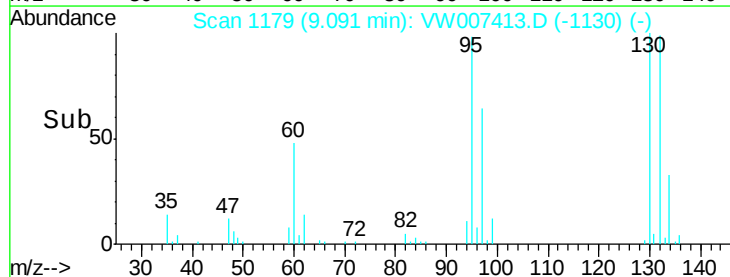
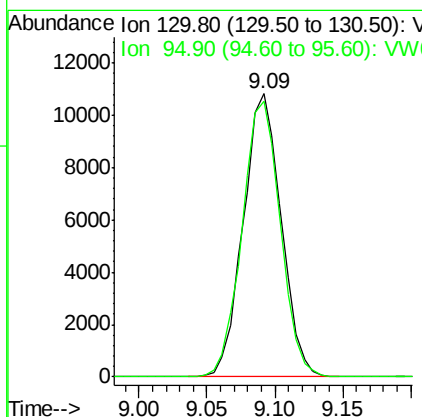
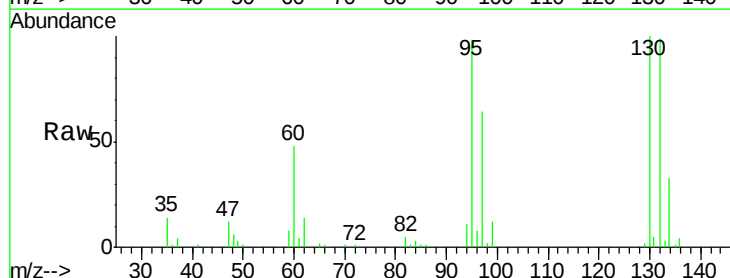
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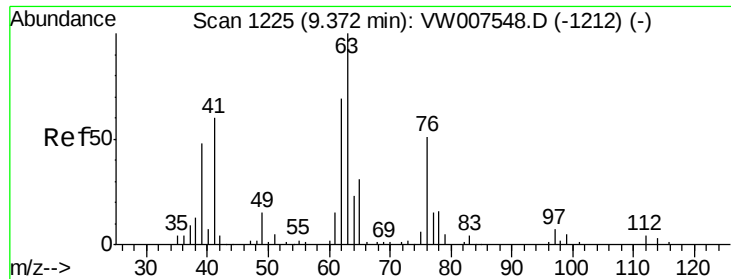
apatel
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#44
Trichloroethene
Concen: 21.168 ug/l
RT: 9.09 min Scan# 1179
Delta R.T. -0.00 min
Lab File: VW007413.D
Acq: 12 Dec 2018 00:55

Tgt Ion	Ratio	Lower	Upper
130	100		
95	97.5	0.0	193.2





#45

1,2-Dichloropropane

Concen: 21.304 ug/l

RT: 9.37 min Scan# 1224

Delta R.T. -0.00 min

Lab File: VW007413.D

Acq: 12 Dec 2018 00:55

Instrument :

MSVOA_W

ClientSampleId :

VW1213SBS01

Tgt Ion: 63 Resp: 17242

Ion Ratio Lower Upper

63 100

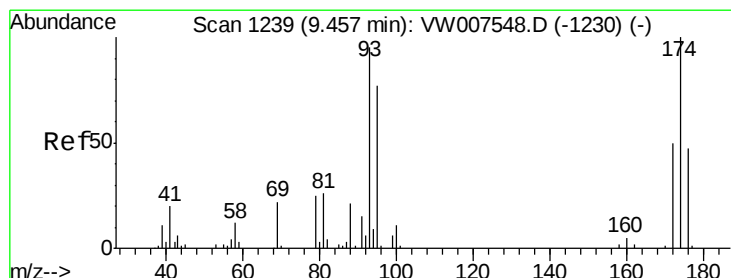
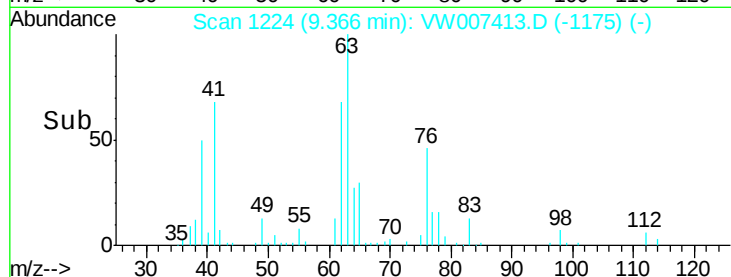
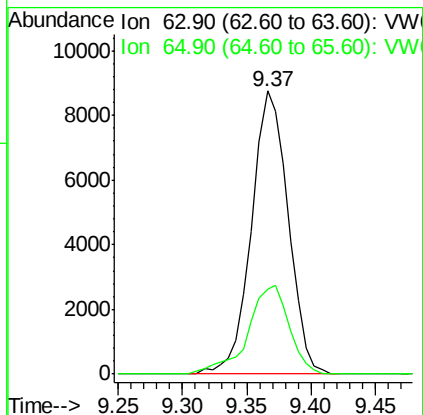
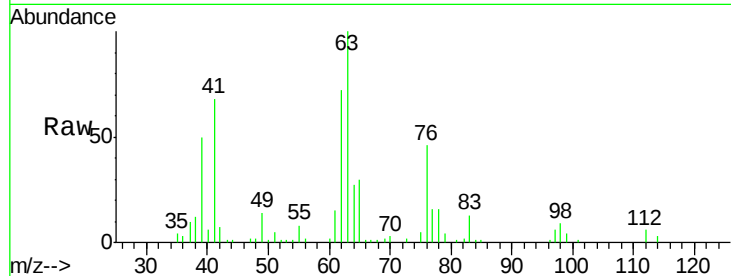
65 29.8 24.4 36.6

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#46

Dibromomethane

Concen: 20.661 ug/l

RT: 9.46 min Scan# 1239

Delta R.T. -0.00 min

Lab File: VW007413.D

Acq: 12 Dec 2018 00:55

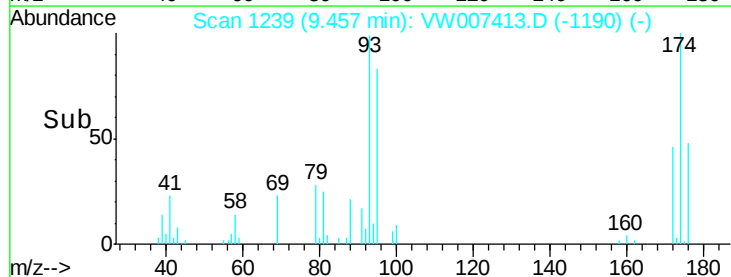
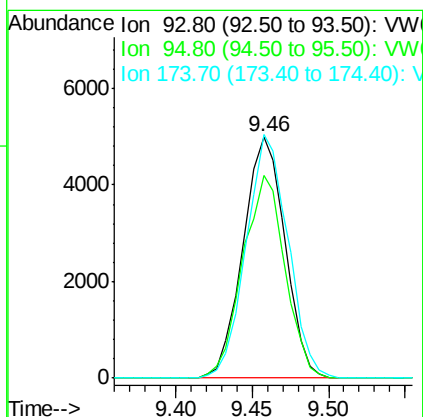
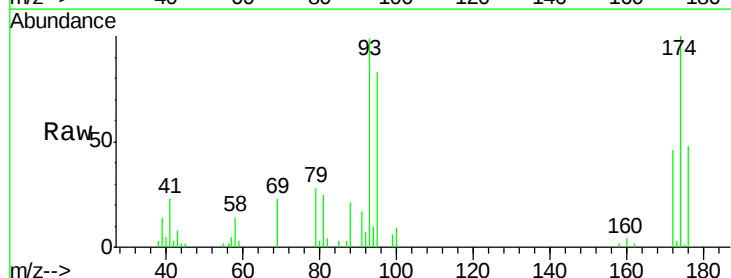
Tgt Ion: 93 Resp: 9496

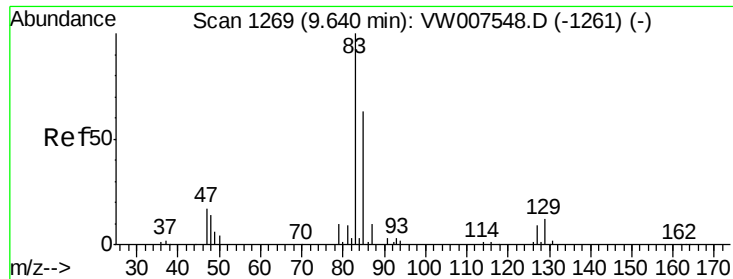
Ion Ratio Lower Upper

93 100

95 84.9 68.0 102.0

174 100.8 83.2 124.8





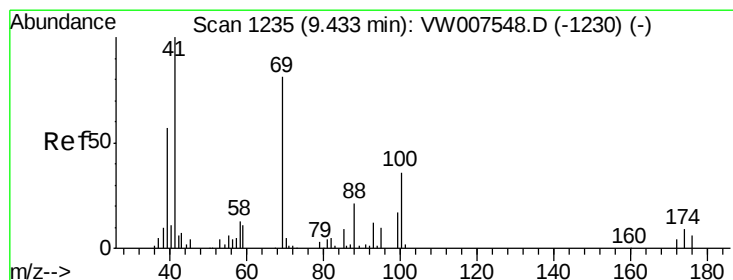
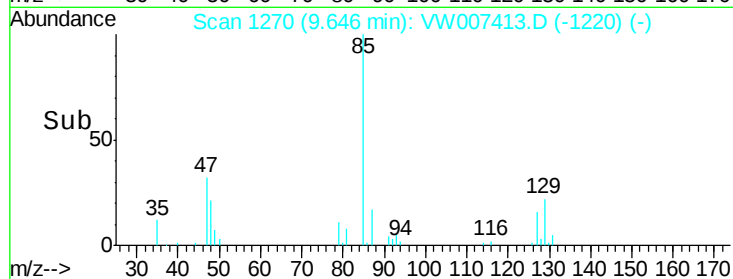
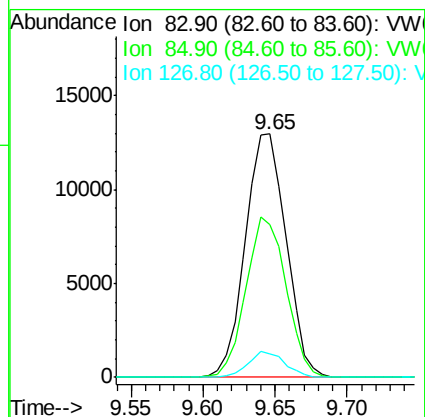
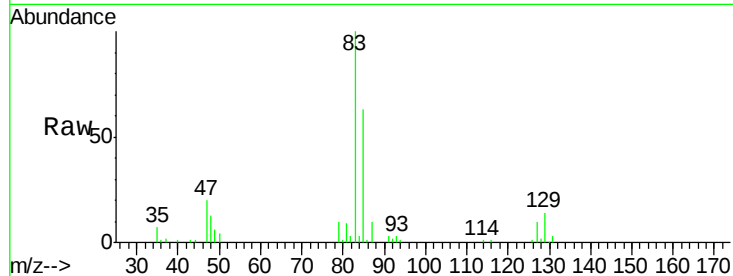
#47
 Bromodichloromethane
 Concen: 21.115 ug/l
 RT: 9.65 min Scan# 1270
 Delta R.T. 0.01 min
 Lab File: VW007413.D
 Acq: 12 Dec 2018 00:55

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1213SBS01

Tgt Ion:	83	Resp:	25456
Ion	Ratio	Lower	Upper
83	100		
85	62.5	47.6	71.4
127	9.6	6.7	10.1

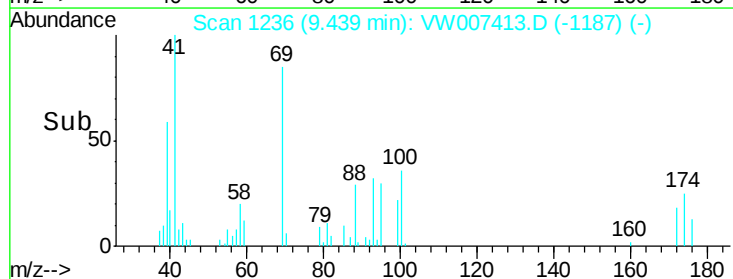
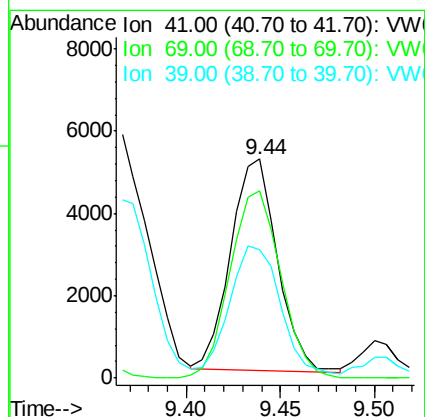
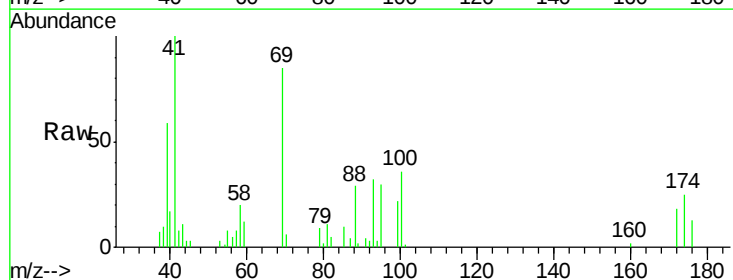
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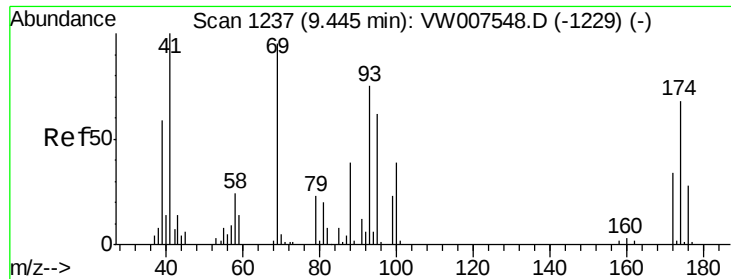
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#48
 Methyl methacrylate
 Concen: 18.639 ug/l
 RT: 9.44 min Scan# 1236
 Delta R.T. -0.00 min
 Lab File: VW007413.D
 Acq: 12 Dec 2018 00:55

Tgt Ion:	41	Resp:	8863
Ion	Ratio	Lower	Upper
41	100		
69	95.9	69.8	104.8
39	70.0	50.9	76.3





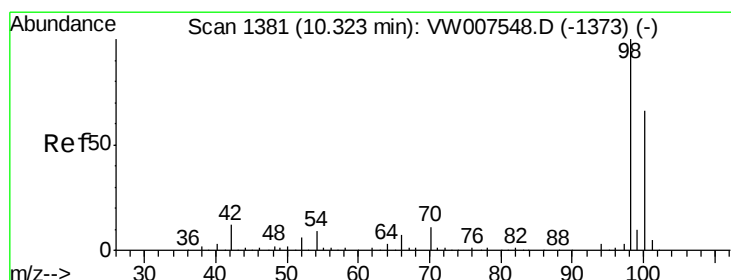
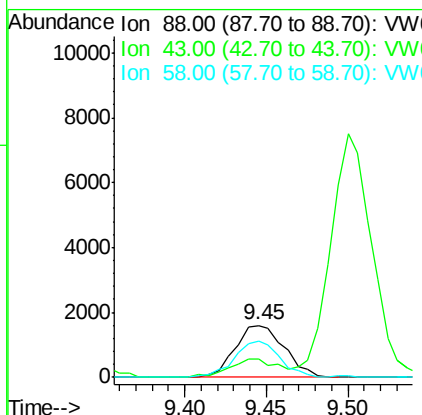
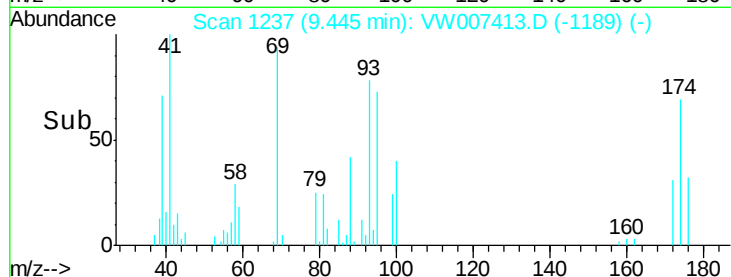
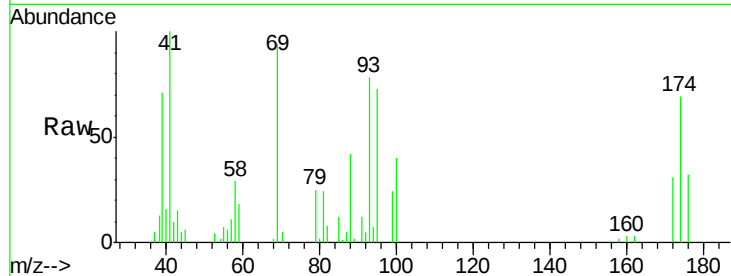
#49
1,4-Dioxane
Concen: 445.588 ug/l
RT: 9.45 min Scan# 1237
Delta R.T. -0.01 min
Lab File: VW007413.D
Acq: 12 Dec 2018 00:55

Instrument :
MSVOA_W
ClientSampleId :
VW1213SBSD01

Tgt Ion	Ratio	Lower	Upper
88	100		
43	34.8	25.0	37.4
58	65.5	51.4	77.2

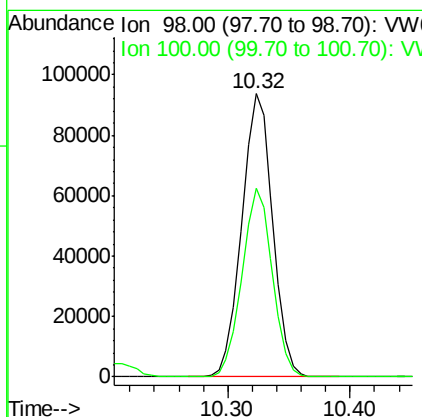
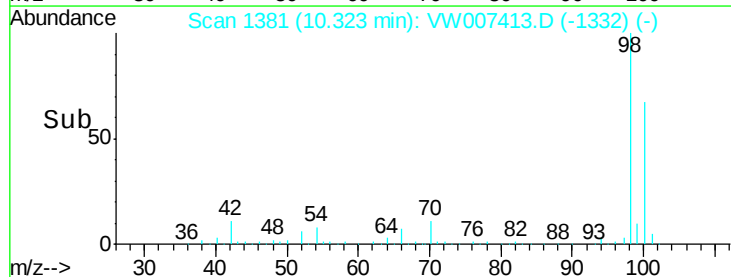
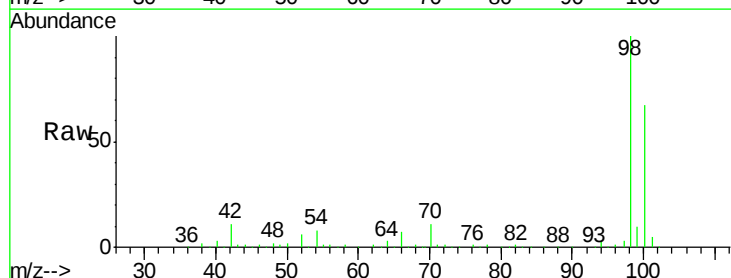
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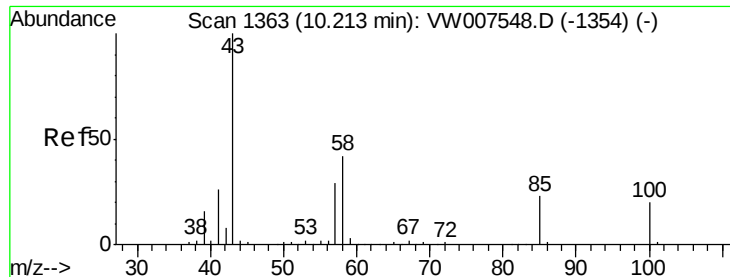
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#50
Toluene-d8
Concen: 52.173 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. -0.00 min
Lab File: VW007413.D
Acq: 12 Dec 2018 00:55

Tgt Ion	Ratio	Lower	Upper
98	100		
100	65.5	51.8	77.8





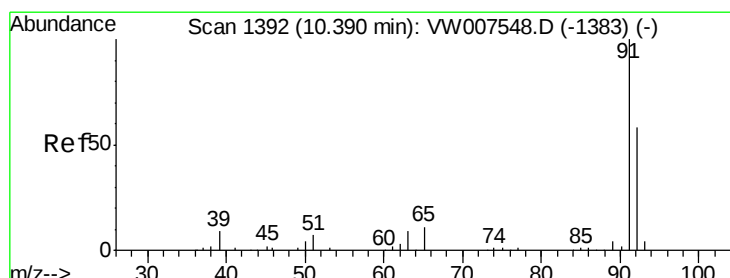
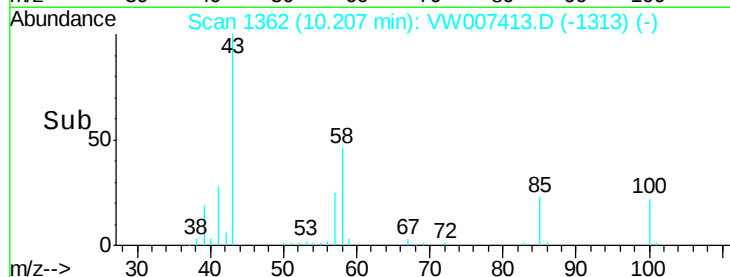
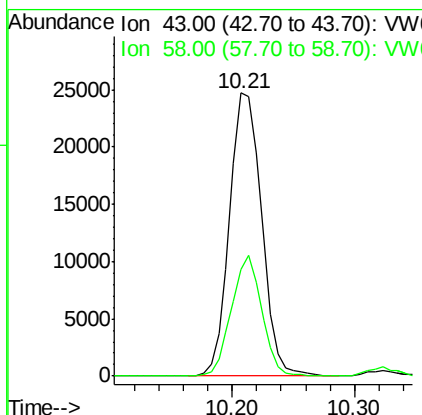
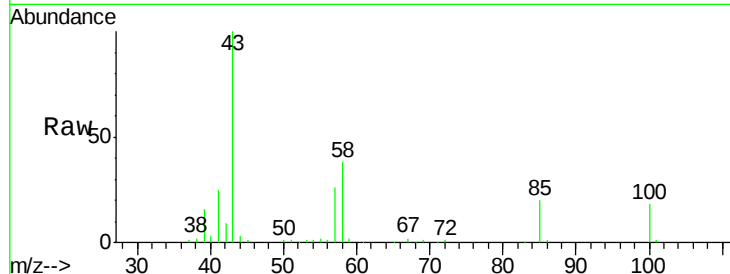
#51
4-Methyl-2-Pentanone
Concen: 102.898 ug/l
RT: 10.21 min Scan# 1362
Delta R.T. -0.00 min
Lab File: VW007413.D
Acq: 12 Dec 2018 00:55

Instrument :
MSVOA_W
ClientSampleId :
VW1213SBSD01

Tgt Ion: 43 Resp: 45016
Ion Ratio Lower Upper
43 100
58 39.9 33.1 49.7

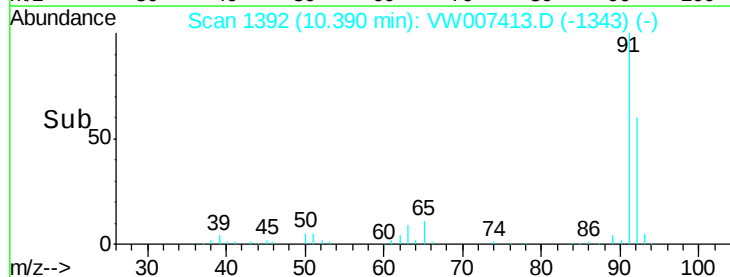
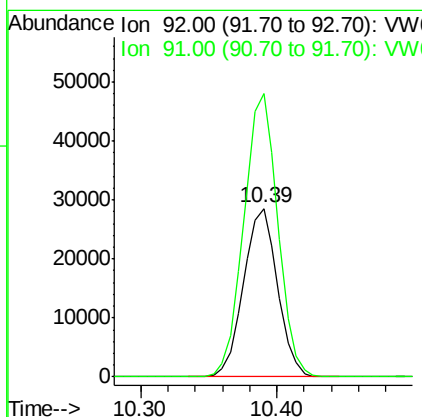
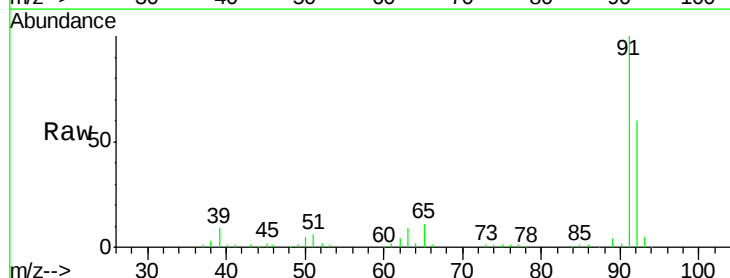
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#52
Toluene
Concen: 21.985 ug/l
RT: 10.39 min Scan# 1392
Delta R.T. -0.00 min
Lab File: VW007413.D
Acq: 12 Dec 2018 00:55

Tgt Ion: 92 Resp: 49759
Ion Ratio Lower Upper
92 100
91 168.6 136.2 204.2





#53

t-1,3-Dichloropropene

Concen: 21.309 ug/l

RT: 10.61 min Scan# 1428

Delta R.T. 0.01 min

Lab File: VW007413.D

Acq: 12 Dec 2018 00:55

Instrument :

MSVOA_W

ClientSampleId :

VW1213SBS01

Tgt Ion: 75 Resp: 24940

Ion Ratio Lower Upper

75 100

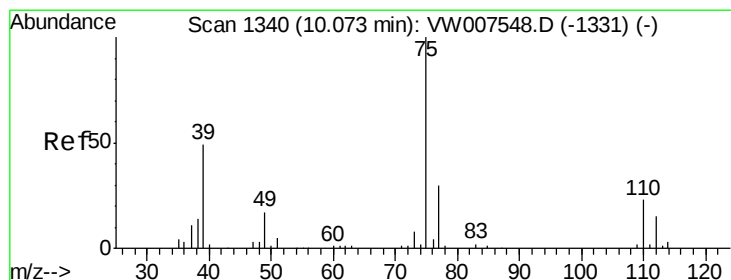
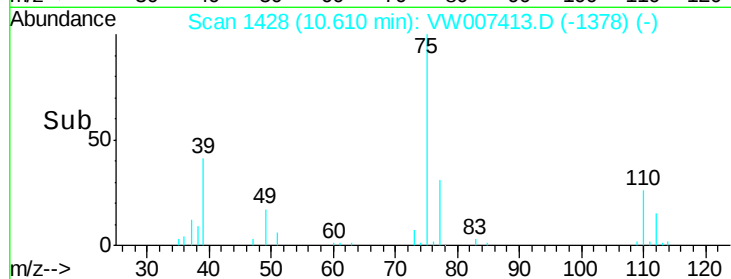
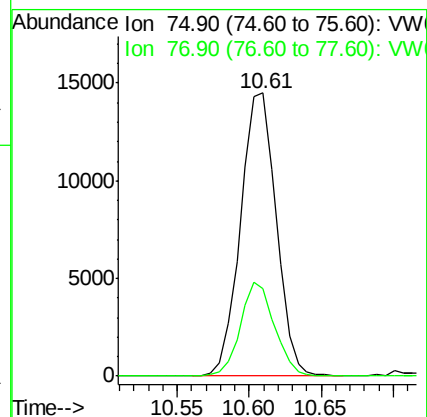
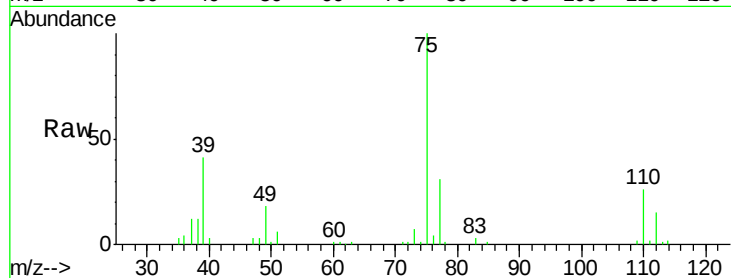
77 31.0 26.2 39.4

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#54

cis-1,3-Dichloropropene

Concen: 20.689 ug/l

RT: 10.07 min Scan# 1340

Delta R.T. -0.00 min

Lab File: VW007413.D

Acq: 12 Dec 2018 00:55

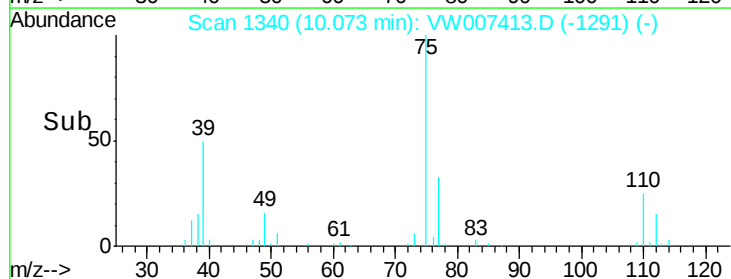
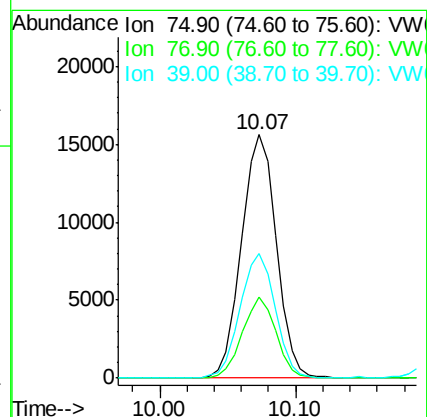
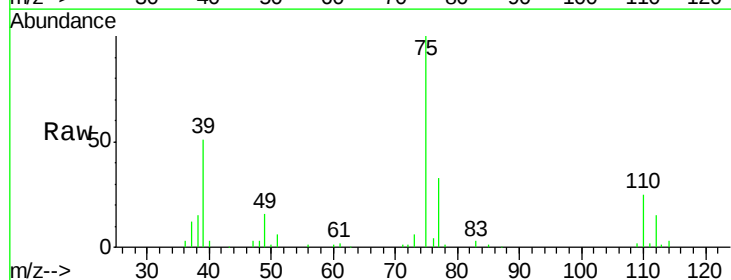
Tgt Ion: 75 Resp: 27993

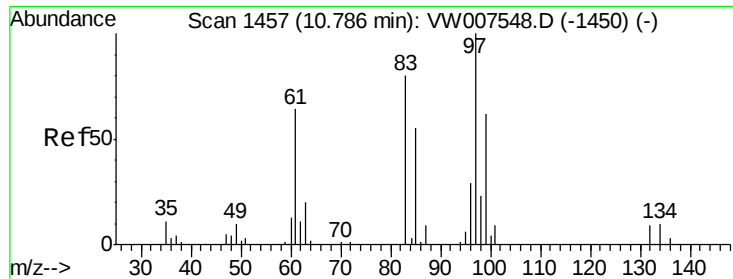
Ion Ratio Lower Upper

75 100

77 33.4 24.8 37.2

39 50.9 40.9 61.3





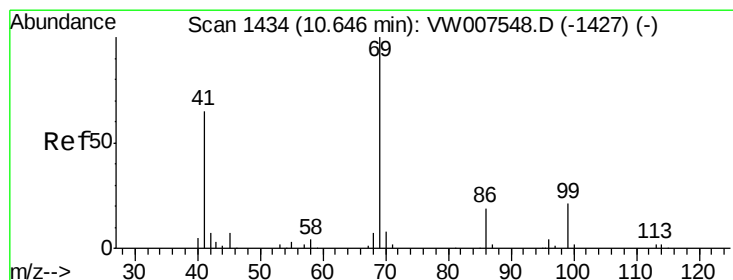
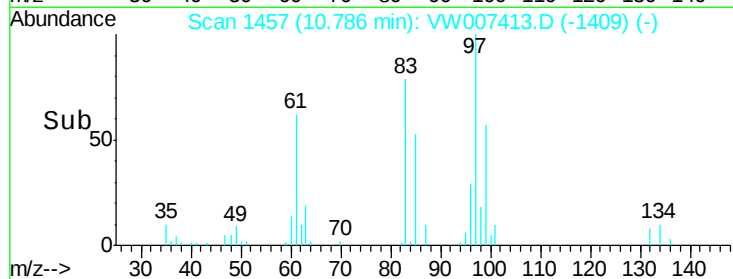
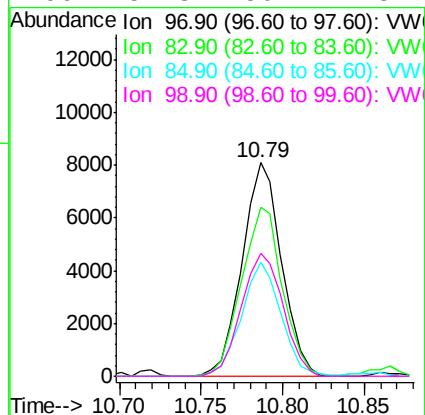
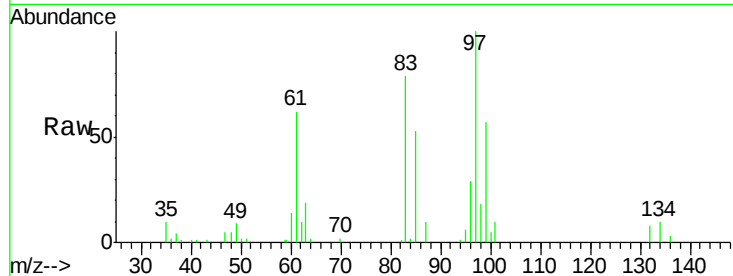
#55
 1,1,2-Trichloroethane
 Concen: 21.772 ug/l
 RT: 10.79 min Scan# 1457
 Delta R.T. -0.01 min
 Lab File: VW007413.D
 Acq: 12 Dec 2018 00:55

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1213SBS01

Tgt Ion	Ratio	Lower	Upper
97	100		
83	79.1	62.1	93.1
85	53.3	44.2	66.4
99	57.3	50.2	75.4

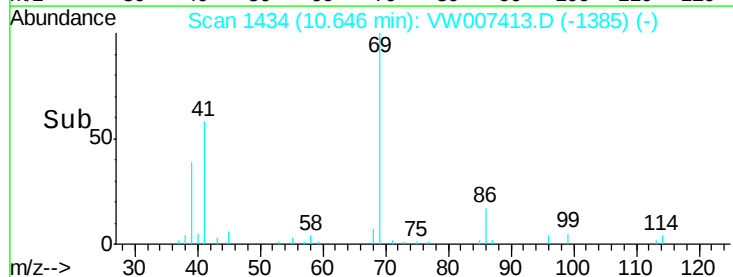
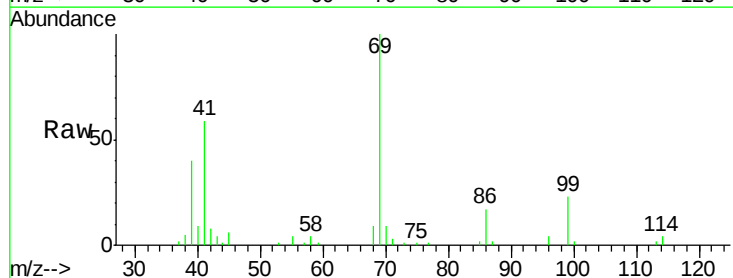
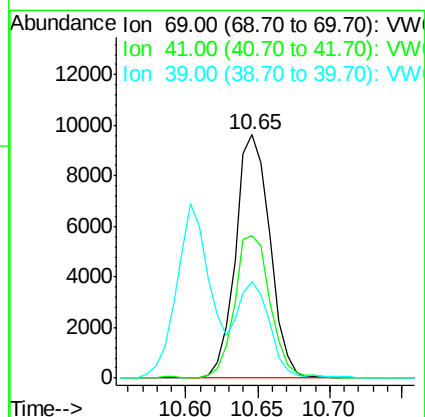
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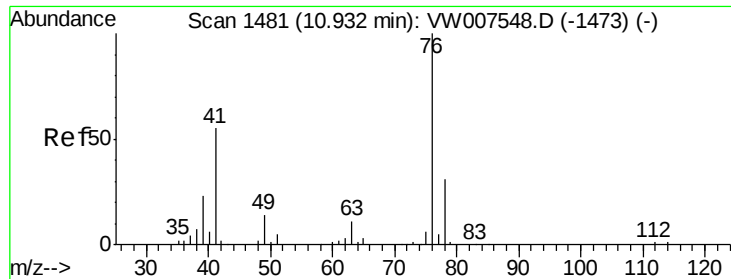
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#56
 Ethyl methacrylate
 Concen: 21.274 ug/l
 RT: 10.65 min Scan# 1434
 Delta R.T. -0.00 min
 Lab File: VW007413.D
 Acq: 12 Dec 2018 00:55

Tgt Ion	Ratio	Lower	Upper
69	100		
41	61.0	51.0	76.6
39	38.2	30.8	46.2





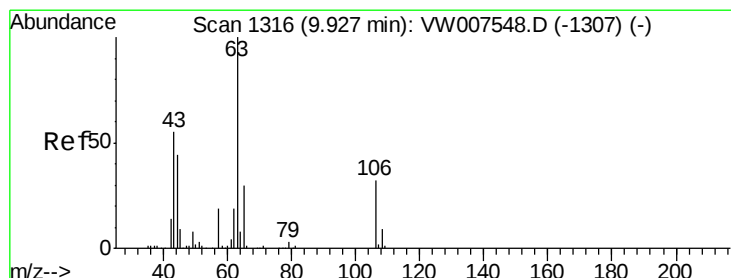
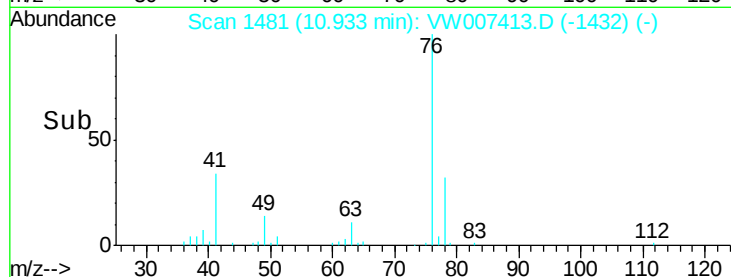
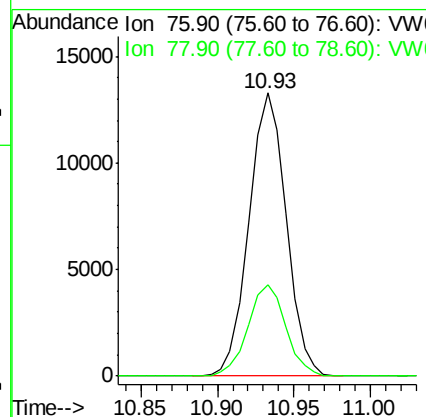
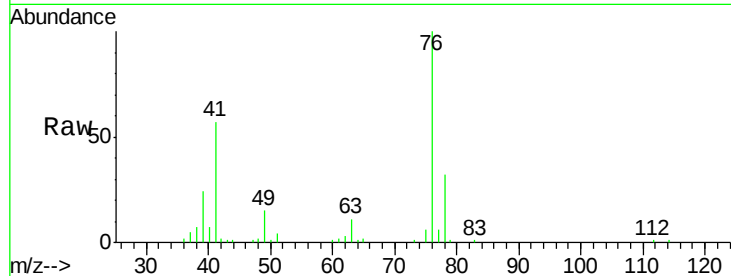
#57
 1,3-Dichloropropane
 Concen: 21.917 ug/l
 RT: 10.93 min Scan# 1481
 Delta R.T. -0.00 min
 Lab File: VW007413.D
 Acq: 12 Dec 2018 00:55

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1213SBSD01

Tgt Ion: 76 Resp: 22503
 Ion Ratio Lower Upper
 76 100
 78 32.8 26.2 39.4

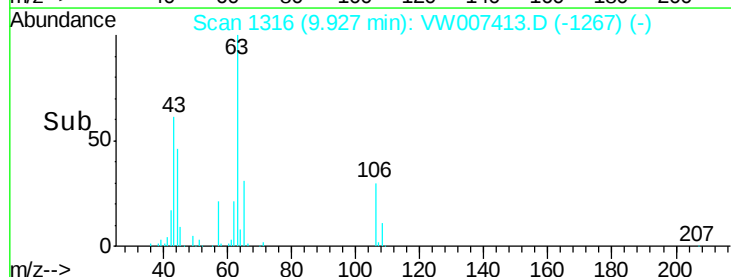
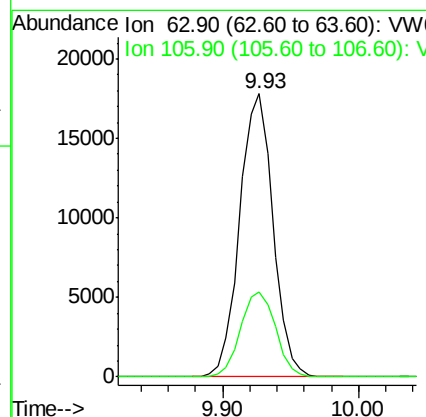
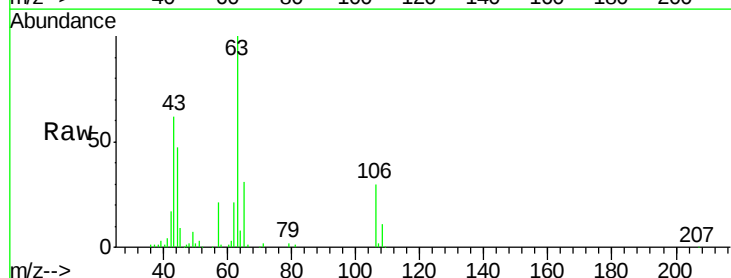
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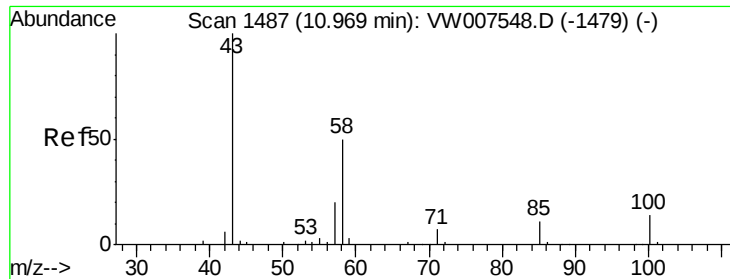
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#58
 2-Chloroethyl Vinyl ether
 Concen: 87.681 ug/l
 RT: 9.93 min Scan# 1316
 Delta R.T. -0.00 min
 Lab File: VW007413.D
 Acq: 12 Dec 2018 00:55

Tgt Ion: 63 Resp: 30401
 Ion Ratio Lower Upper
 63 100
 106 31.7 25.0 37.6





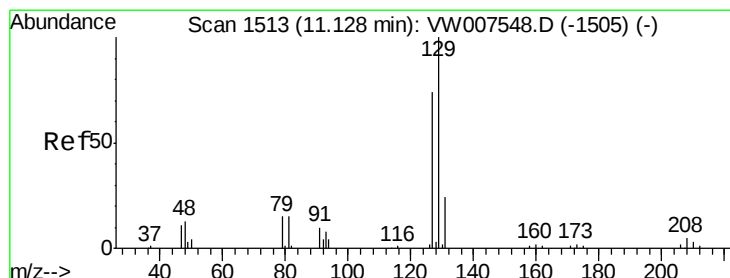
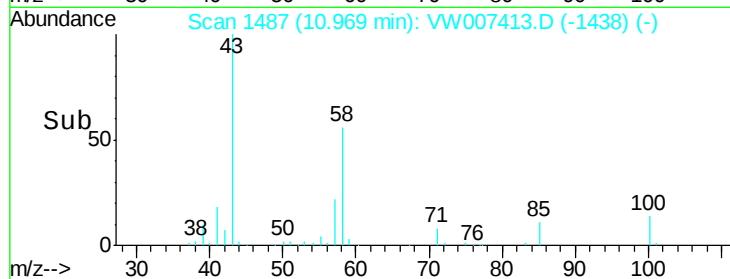
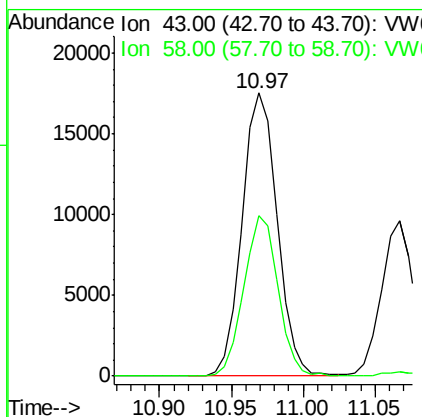
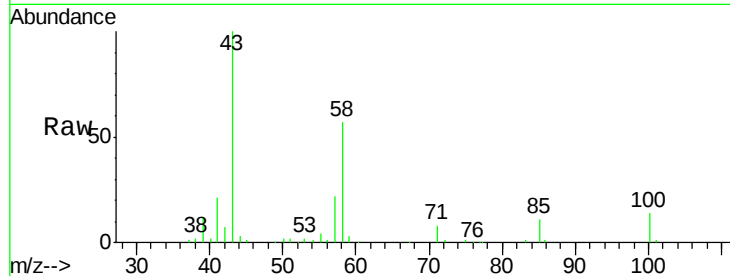
#59
2-Hexanone
Concen: 101.329 ug/l
RT: 10.97 min Scan# 1487
Delta R.T. -0.00 min
Lab File: VW007413.D
Acq: 12 Dec 2018 00:55

Instrument :
MSVOA_W
ClientSampleId :
VW1213SBS01

Tgt Ion: 43 Resp: 29559
Ion Ratio Lower Upper
43 100
58 55.1 27.1 81.3

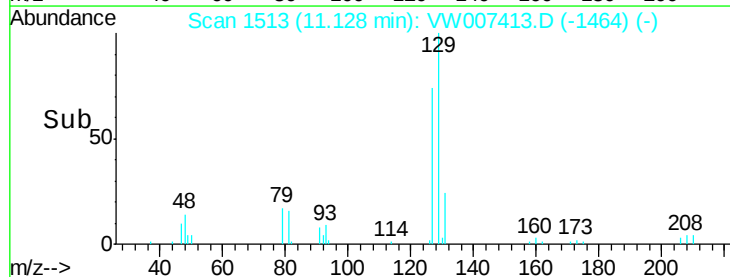
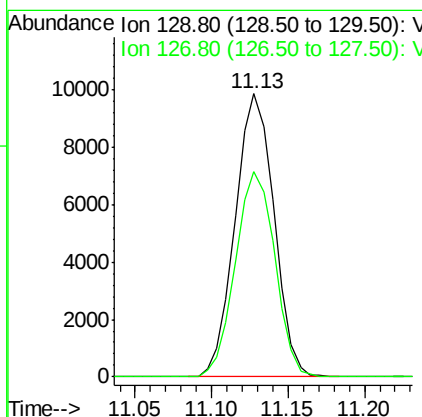
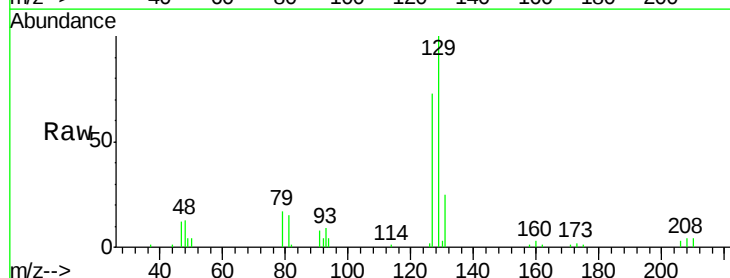
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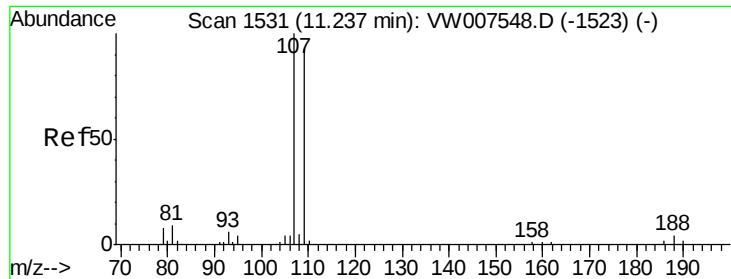
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#60
Dibromochloromethane
Concen: 22.097 ug/l
RT: 11.13 min Scan# 1513
Delta R.T. -0.00 min
Lab File: VW007413.D
Acq: 12 Dec 2018 00:55

Tgt Ion: 129 Resp: 17444
Ion Ratio Lower Upper
129 100
127 73.5 38.1 114.3





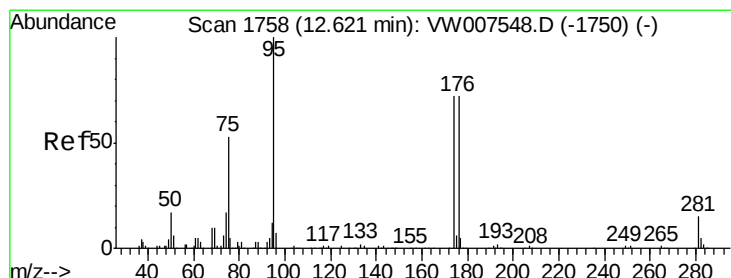
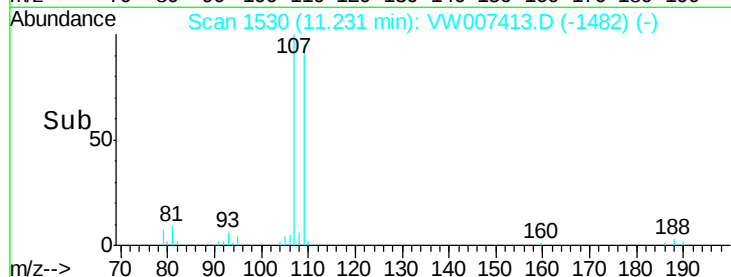
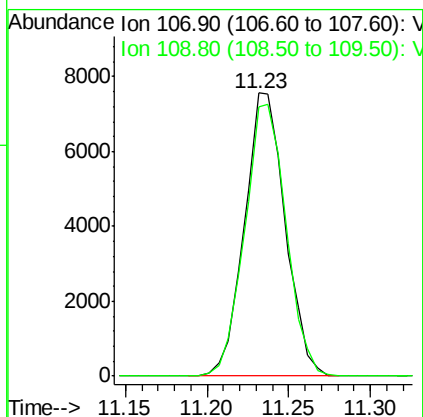
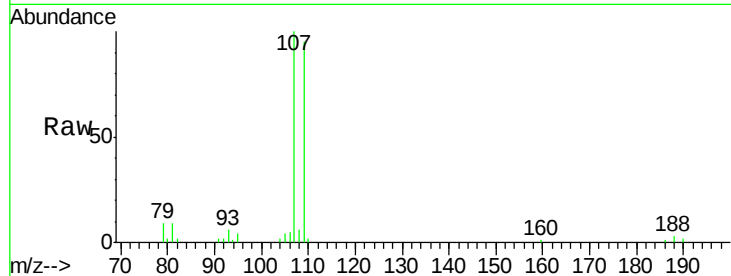
#61
1,2-Dibromoethane
Concen: 21.298 ug/l
RT: 11.23 min Scan# 1530
Delta R.T. -0.01 min
Lab File: VW007413.D
Acq: 12 Dec 2018 00:55

Instrument :
MSVOA_W
ClientSampleId :
VW1213SBSD01

Tgt Ion: 107 Resp: 13166
Ion Ratio Lower Upper
107 100
109 97.6 79.1 118.7

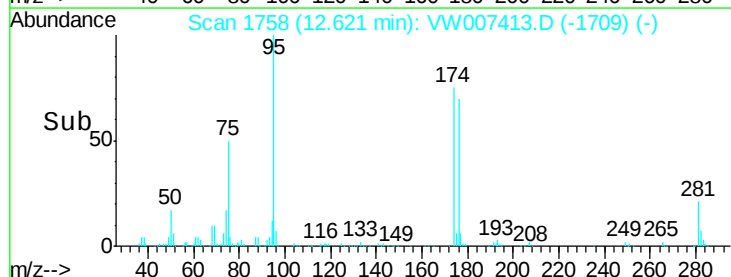
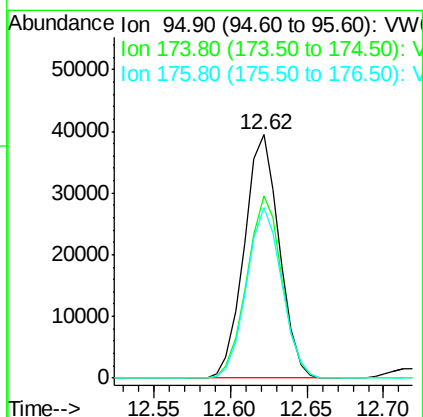
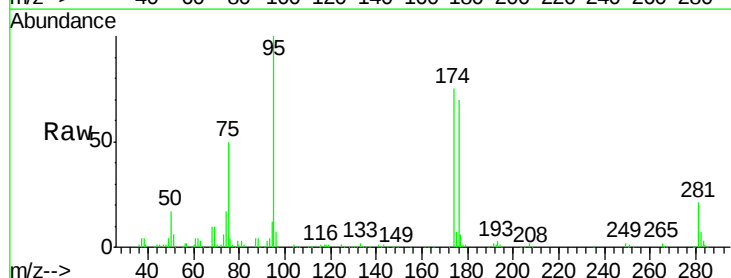
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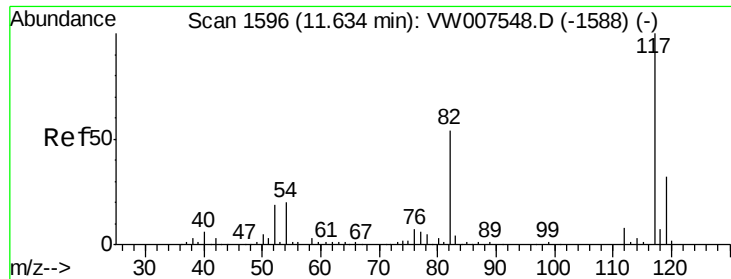
apatel
12/19/2018 8:42:07 AM



#62
4-Bromofluorobenzene
Concen: 54.424 ug/l
RT: 12.62 min Scan# 1758
Delta R.T. -0.00 min
Lab File: VW007413.D
Acq: 12 Dec 2018 00:55

Tgt Ion: 95 Resp: 62744
Ion Ratio Lower Upper
95 100
174 74.8 0.0 147.2
176 70.6 0.0 138.8





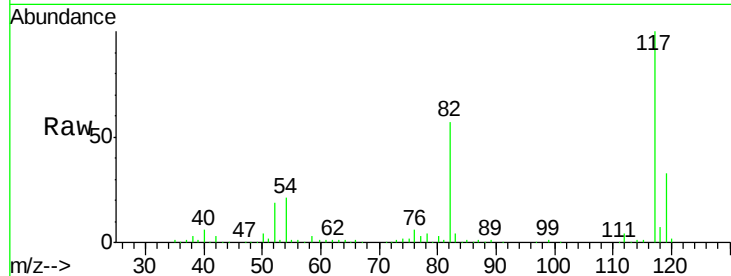
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW007413.D
Acq: 12 Dec 2018 00:55

Instrument :
MSVOA_W
ClientSampleId :
VW1213SBS01

Tgt Ion	Ratio	Lower	Upper
117	100		
82	56.7	42.3	63.5
119	33.1	23.0	34.6

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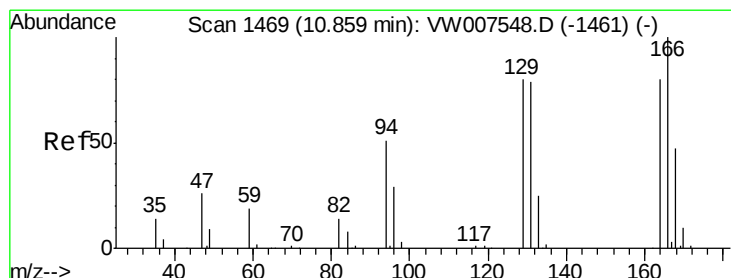
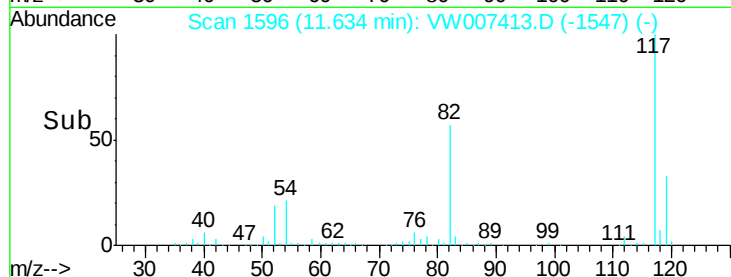
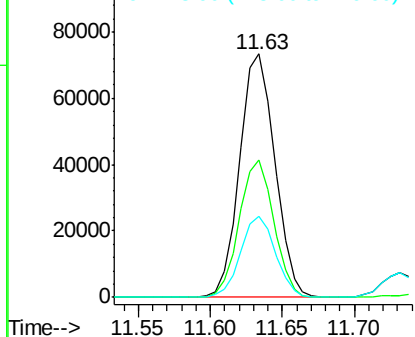


Abundance

Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): V

Ion 118.90 (118.60 to 119.60): V



#64
Tetrachloroethene
Concen: 21.006 ug/l
RT: 10.86 min Scan# 1469
Delta R.T. -0.01 min
Lab File: VW007413.D
Acq: 12 Dec 2018 00:55

Tgt Ion	Ratio	Lower	Upper
164	100		
166	121.9	107.9	161.9
129	95.5	73.4	110.2
131	97.8	75.8	113.6

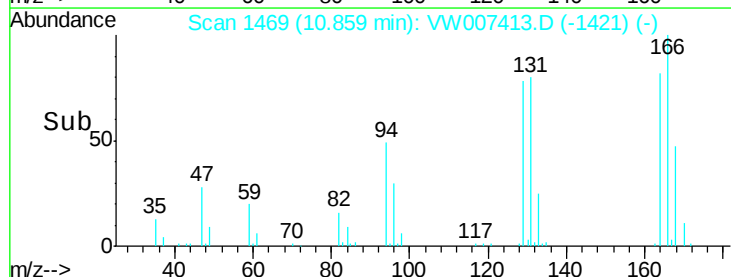
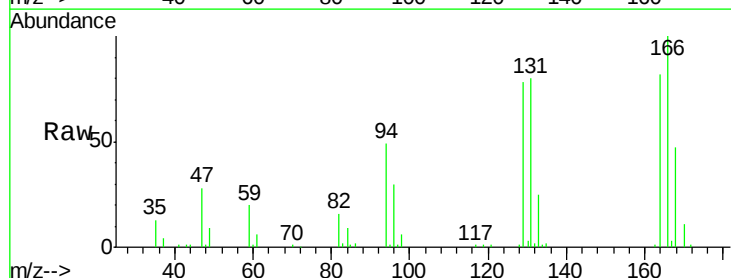
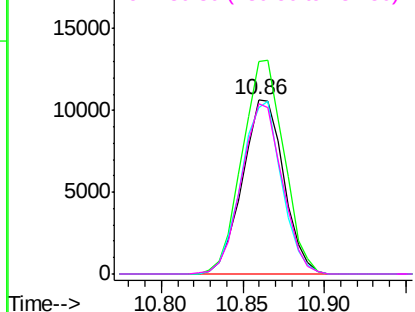
Abundance

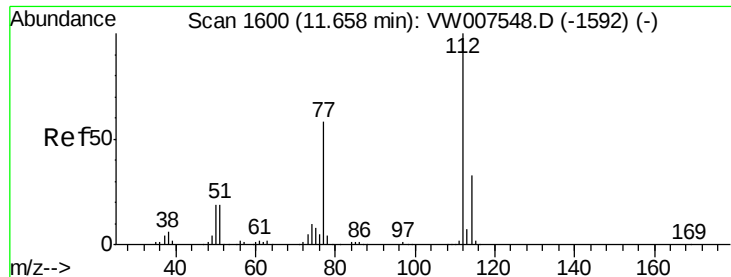
Ion 163.80 (163.50 to 164.50): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.80 (128.50 to 129.50): V

Ion 130.80 (130.50 to 131.50): V





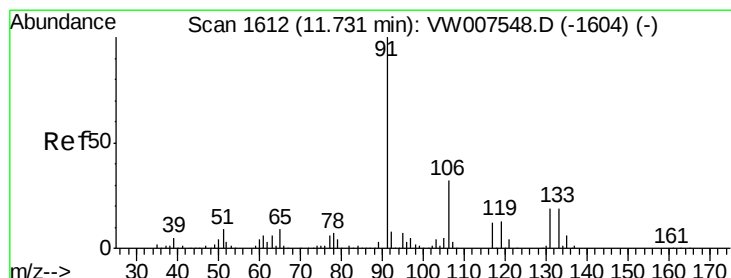
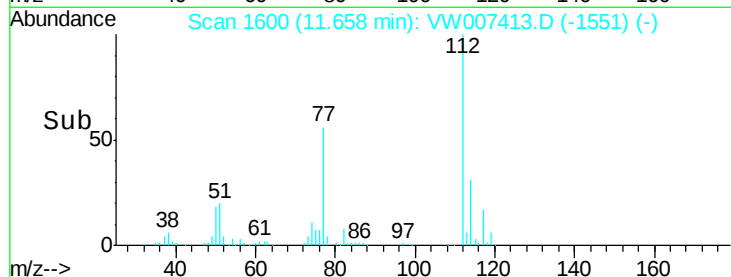
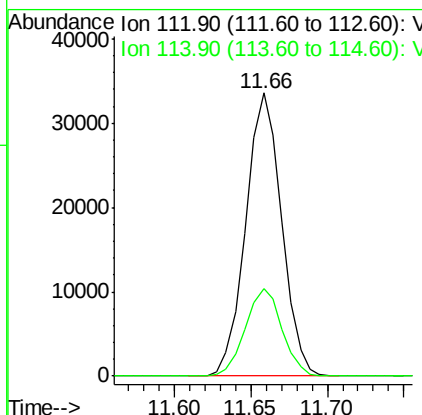
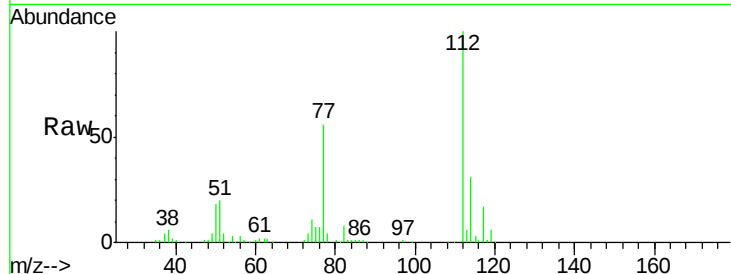
#65
Chlorobenzene
Concen: 21.154 ug/l
RT: 11.66 min Scan# 1600
Delta R.T. -0.00 min
Lab File: VW007413.D
Acq: 12 Dec 2018 00:55

Instrument :
MSVOA_W
ClientSampleId :
VW1213SBS01

Tgt Ion:112 Resp: 54773
Ion Ratio Lower Upper
112 100
114 30.8 27.8 41.8

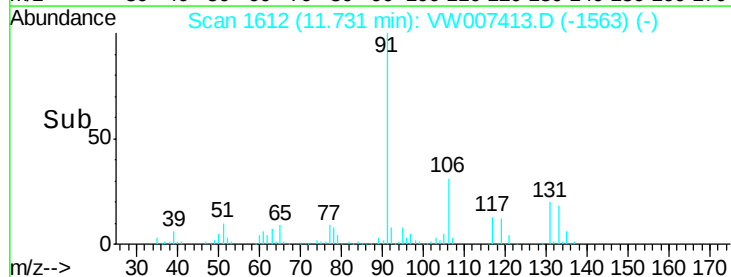
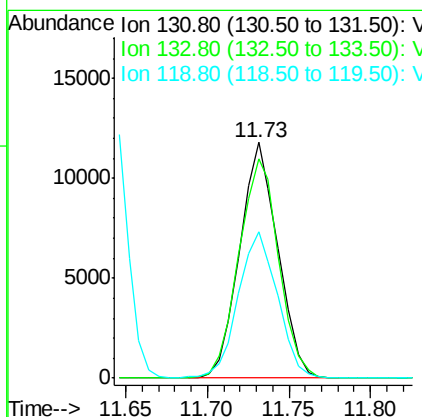
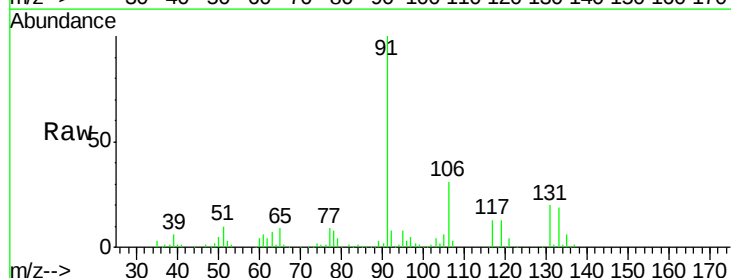
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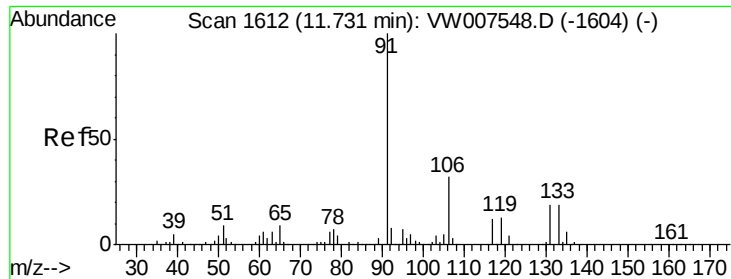
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#66
1,1,1,2-Tetrachloroethane
Concen: 21.022 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. -0.00 min
Lab File: VW007413.D
Acq: 12 Dec 2018 00:55

Tgt Ion:131 Resp: 19171
Ion Ratio Lower Upper
131 100
133 97.2 47.1 141.4
119 64.0 31.3 93.9





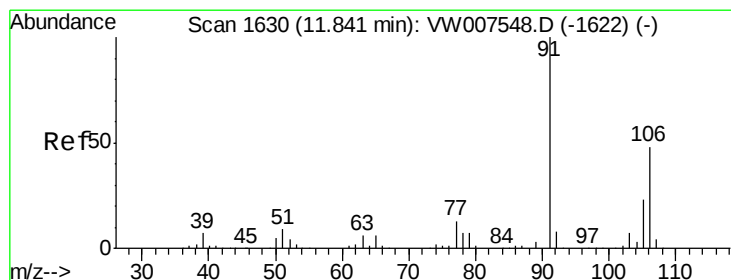
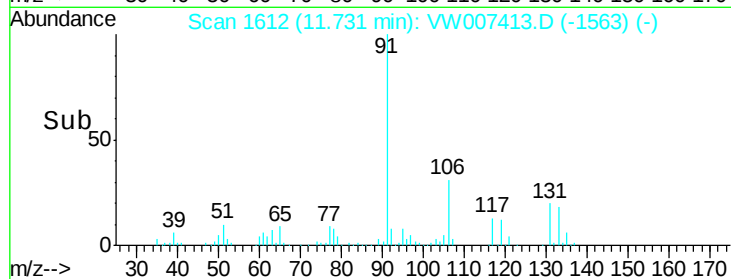
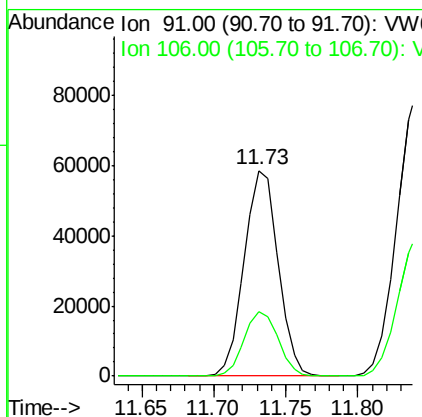
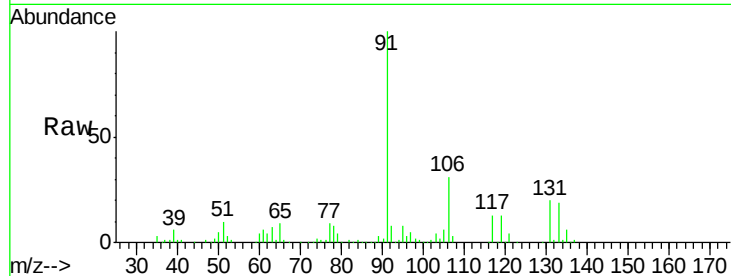
#67
Ethyl Benzene
Concen: 21.454 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. -0.00 min
Lab File: VW007413.D
Acq: 12 Dec 2018 00:55

Instrument :
MSVOA_W
ClientSampleId :
VW1213SBS01

Tgt Ion: 91 Resp: 95505
Ion Ratio Lower Upper
91 100
106 31.4 21.8 32.8

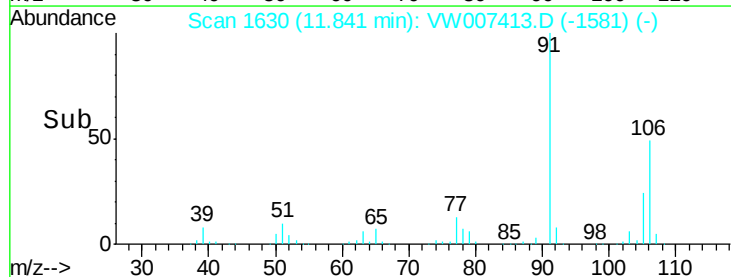
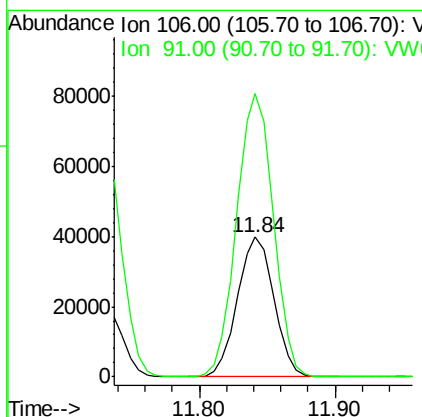
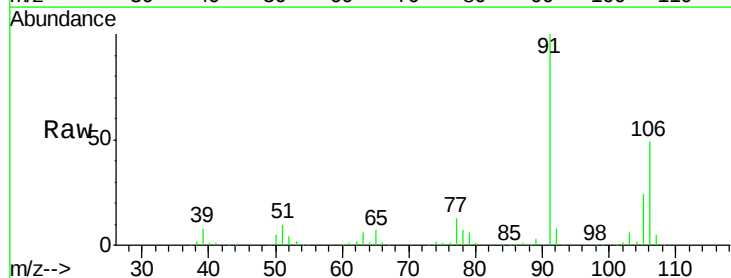
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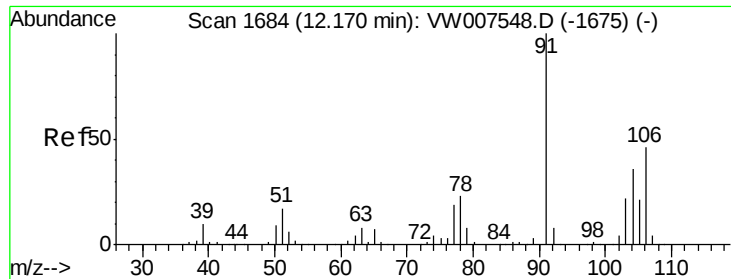
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#68
m/p-Xylenes
Concen: 43.215 ug/l
RT: 11.84 min Scan# 1630
Delta R.T. -0.00 min
Lab File: VW007413.D
Acq: 12 Dec 2018 00:55

Tgt Ion: 106 Resp: 74789
Ion Ratio Lower Upper
106 100
91 203.7 165.3 247.9





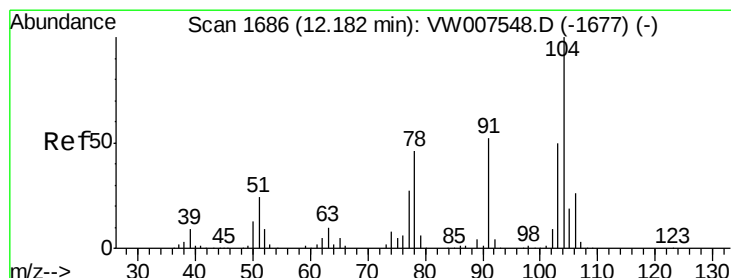
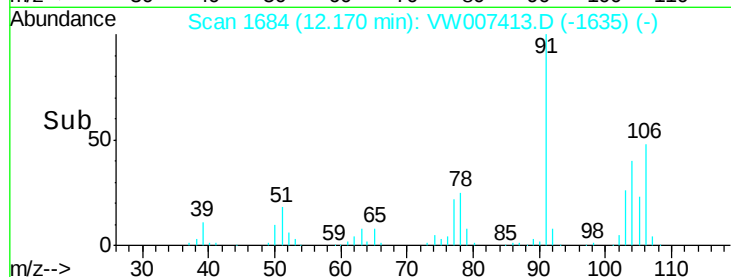
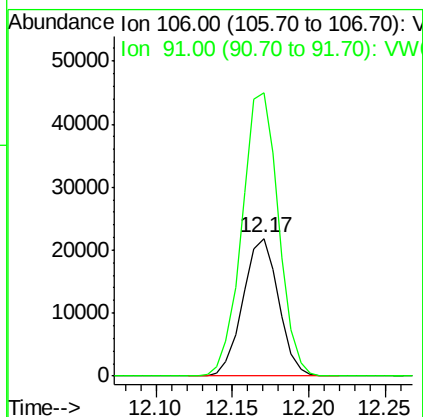
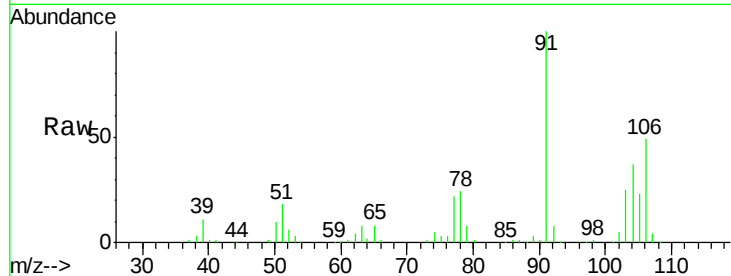
#69
o-Xylene
Concen: 21.913 ug/l
RT: 12.17 min Scan# 1684
Delta R.T. -0.00 min
Lab File: VW007413.D
Acq: 12 Dec 2018 00:55

Instrument :
MSVOA_W
ClientSampleId :
VW1213SBS01

Tgt Ion:106 Resp: 35417
Ion Ratio Lower Upper
106 100
91 210.7 106.6 319.8

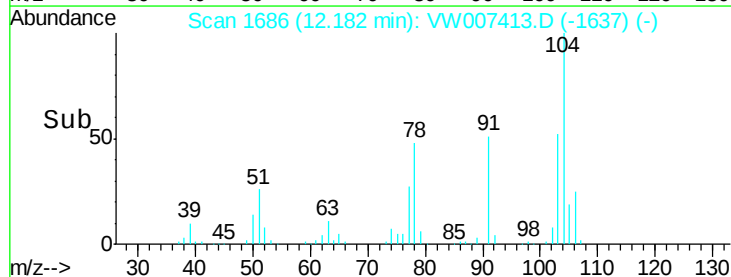
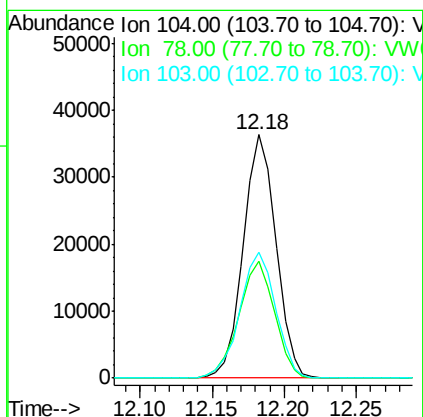
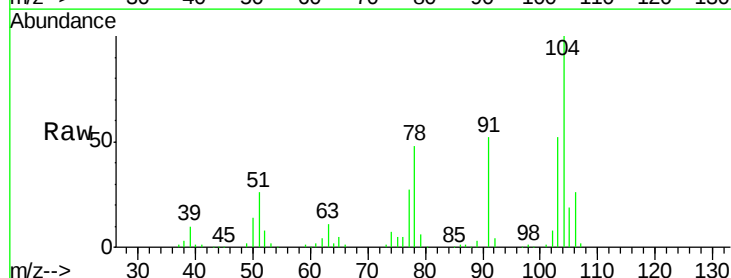
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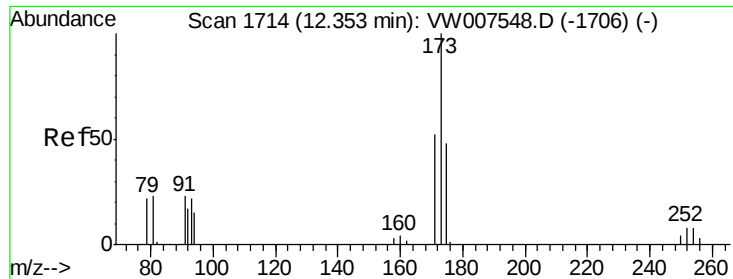
apatel
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#70
Styrene
Concen: 21.907 ug/l
RT: 12.18 min Scan# 1686
Delta R.T. -0.00 min
Lab File: VW007413.D
Acq: 12 Dec 2018 00:55

Tgt Ion:104 Resp: 57190
Ion Ratio Lower Upper
104 100
78 52.5 41.8 62.8
103 56.7 46.6 69.8





#71

Bromoform

Concen: 20.483 ug/l

RT: 12.35 min Scan# 1713

Delta R.T. -0.00 min

Lab File: VW007413.D

Acq: 12 Dec 2018 00:55

Instrument :

MSVOA_W

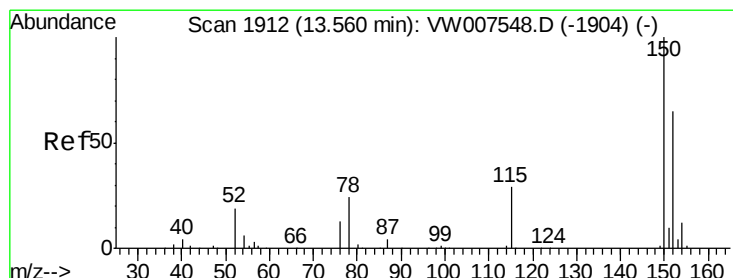
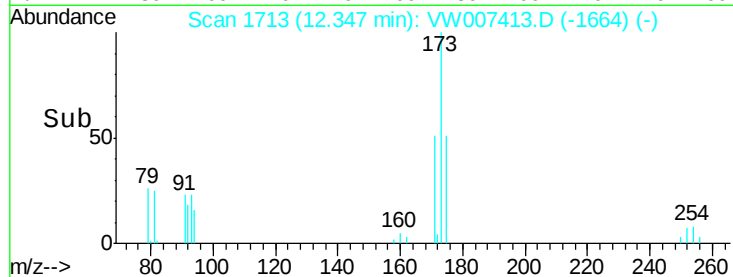
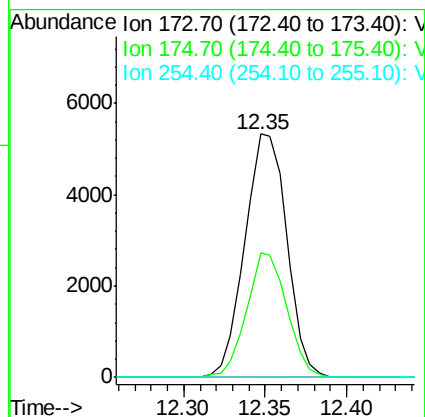
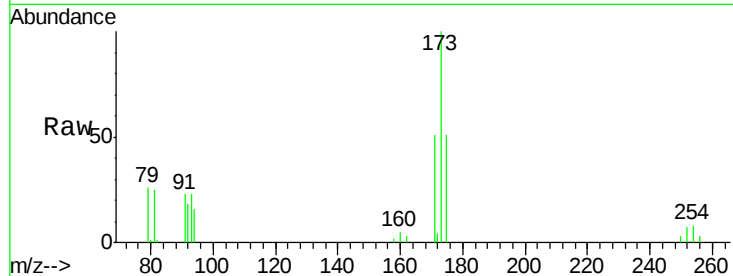
ClientSampleId :

VW1213SBSD01

Tgt Ion:	173	Resp:	9561
Ion Ratio	Lower	Upper	
173	100		
175	49.2	23.6	70.8
254	0.0	0.0	0.0

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#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

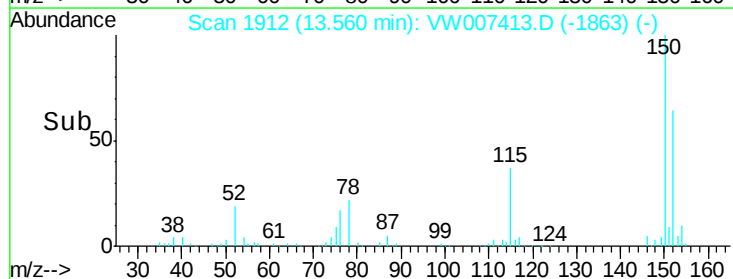
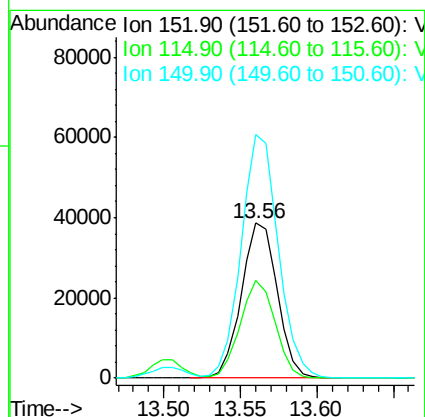
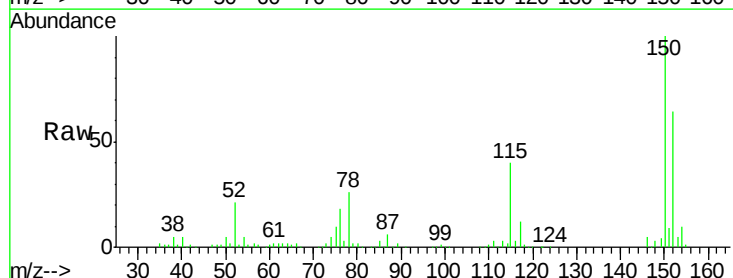
RT: 13.56 min Scan# 1912

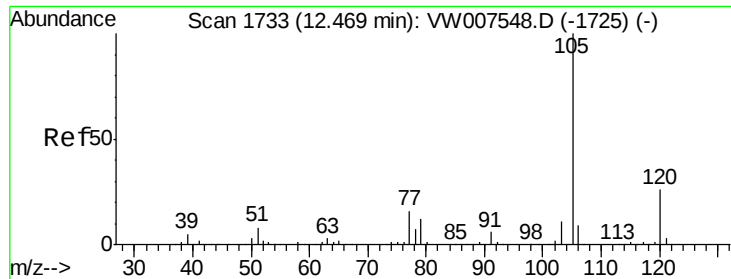
Delta R.T. -0.00 min

Lab File: VW007413.D

Acq: 12 Dec 2018 00:55

Tgt Ion:	152	Resp:	62917
Ion Ratio	Lower	Upper	
152	100		
115	61.4	31.4	94.2
150	162.4	0.0	358.4





#73

Isopropylbenzene

Concen: 20.182 ug/l

RT: 12.47 min Scan# 1733

Delta R.T. 0.01 min

Lab File: VW007413.D

Acq: 12 Dec 2018 00:55

Instrument :

MSVOA_W

ClientSampleId :

VW1213SBS01

Tgt Ion: 105 Resp: 97297

Ion Ratio Lower Upper

105 100

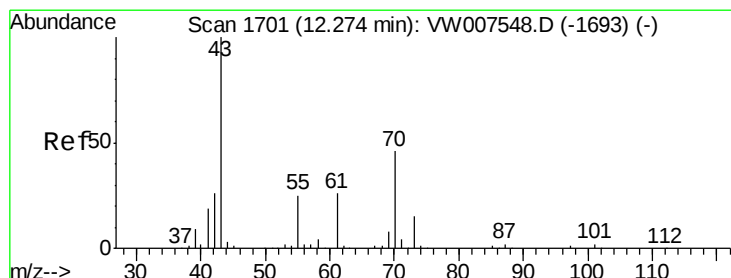
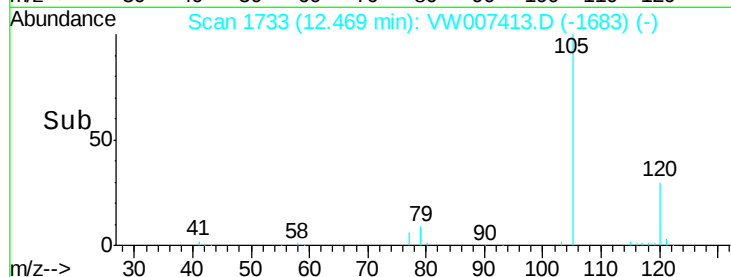
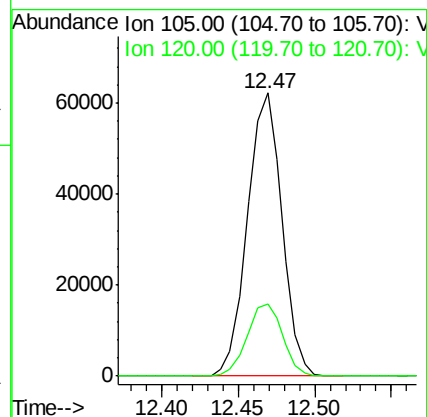
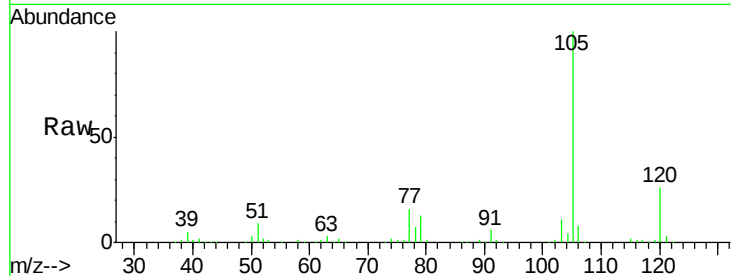
120 26.2 12.8 38.4

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#74

N-ethyl acetate

Concen: 19.824 ug/l

RT: 12.27 min Scan# 1701

Delta R.T. -0.00 min

Lab File: VW007413.D

Acq: 12 Dec 2018 00:55

Tgt Ion: 43 Resp: 17369

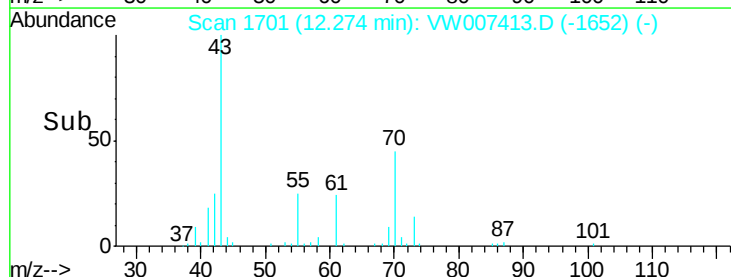
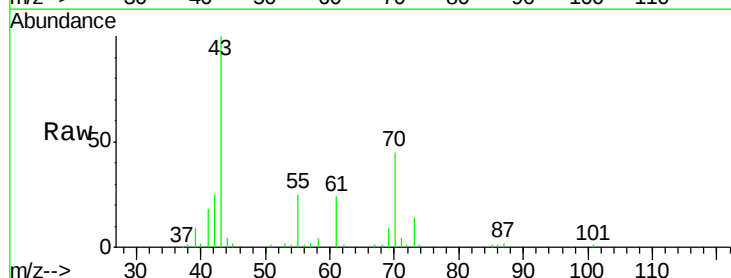
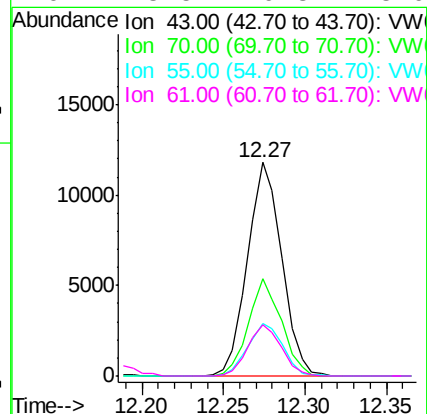
Ion Ratio Lower Upper

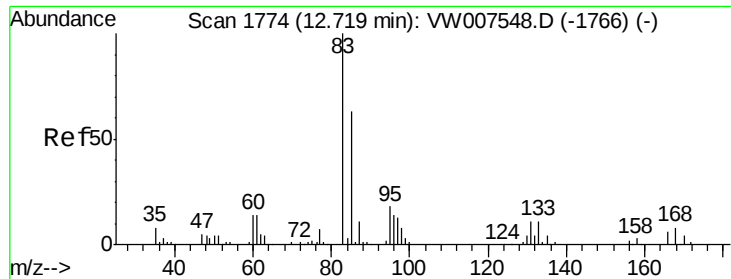
43 100

70 43.4 36.5 54.7

55 25.0 20.1 30.1

61 23.5 19.3 28.9





#75

1,1,2,2-Tetrachloroethane

Concen: 20.135 ug/l

RT: 12.72 min Scan# 1774

Delta R.T. -0.00 min

Lab File: VW007413.D

Acq: 12 Dec 2018 00:55

Instrument :

MSVOA_W

ClientSampleId :

VW1213SBS01

Tgt Ion: 83 Resp: 14377

Ion Ratio Lower Upper

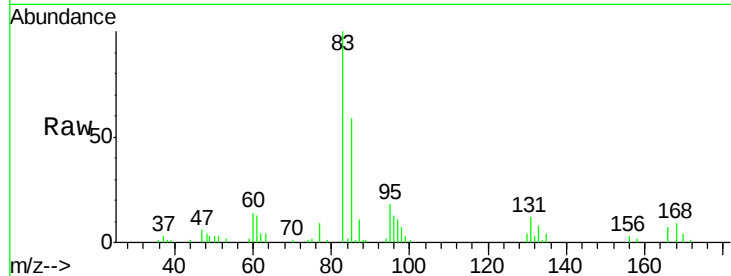
83 100

131 13.2 5.9 17.8

85 63.8 30.0 90.0

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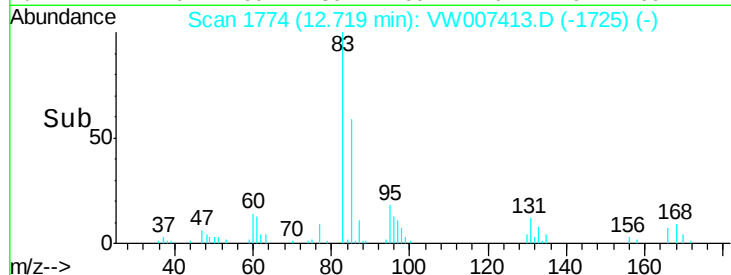
Abundance Ion 82.90 (82.60 to 83.60): VW

Ion 130.80 (130.50 to 131.50): VW

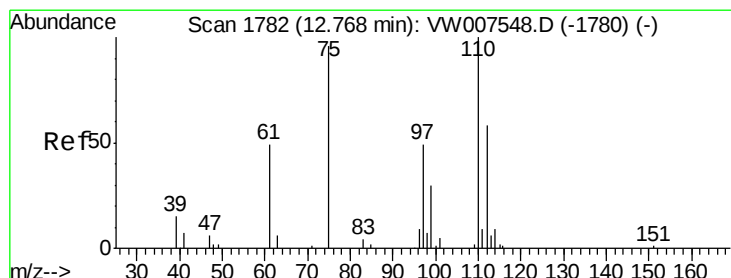
Ion 84.90 (84.60 to 85.60): VW

12.72

Time-->



Time-->



#76

1,2,3-Trichloropropane

Concen: 16.892 ug/l m

RT: 12.77 min Scan# 1782

Delta R.T. -0.00 min

Lab File: VW007413.D

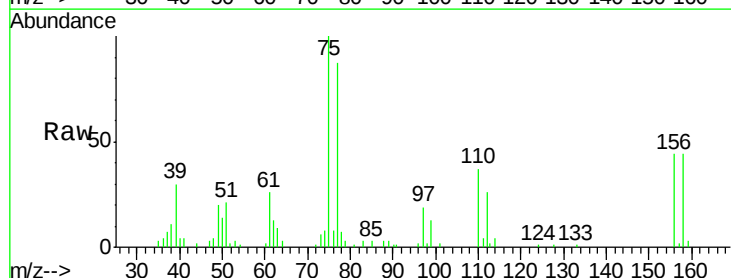
Acq: 12 Dec 2018 00:55

Tgt Ion: 75 Resp: 8763

Ion Ratio Lower Upper

75 100

77 445.2 166.9 500.8

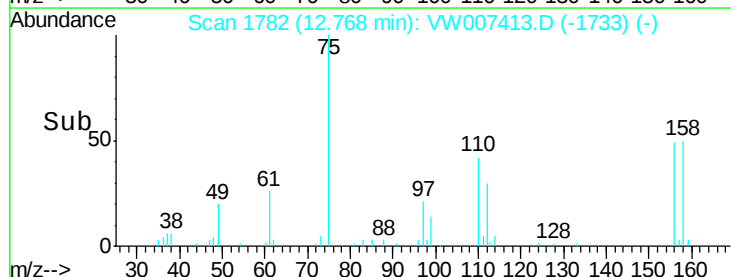


Abundance Ion 74.90 (74.60 to 75.60): VW

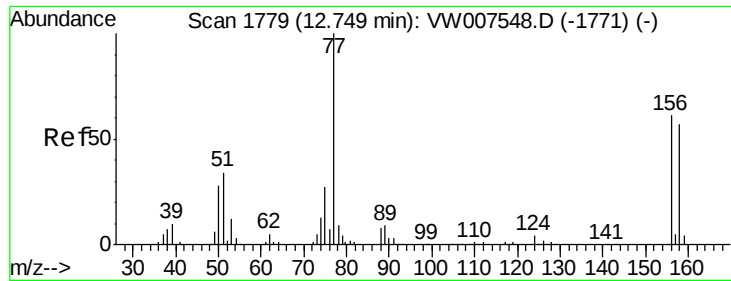
Ion 77.00 (76.70 to 77.70): VW

12.77

Time-->



Time-->



#77

Bromobenzene

Concen: 20.148 ug/l

RT: 12.75 min Scan# 1779

Delta R.T. -0.00 min

Lab File: VW007413.D

Acq: 12 Dec 2018 00:55

Instrument :

MSVOA_W

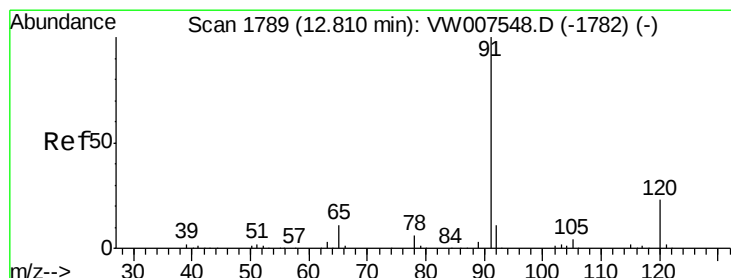
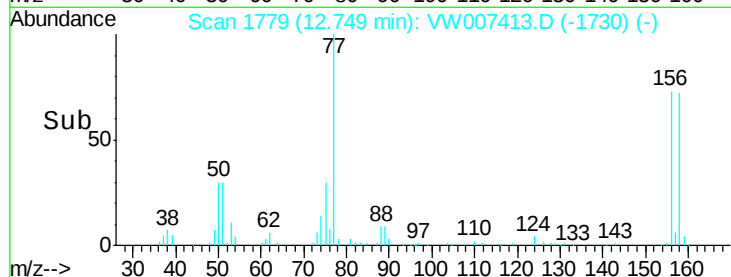
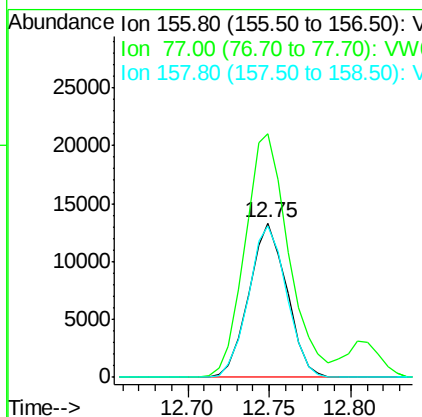
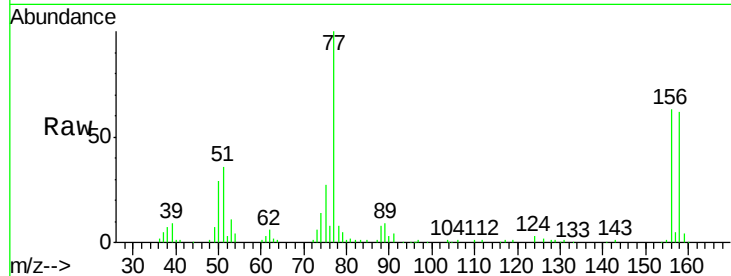
ClientSampleId :

VW1213SBS01

Tgt Ion:	156	Resp:	21530
Ion Ratio	Lower	Upper	
156	100		
77	181.2	88.1	264.4
158	98.5	45.6	136.7

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#78

n-propylbenzene

Concen: 20.967 ug/l

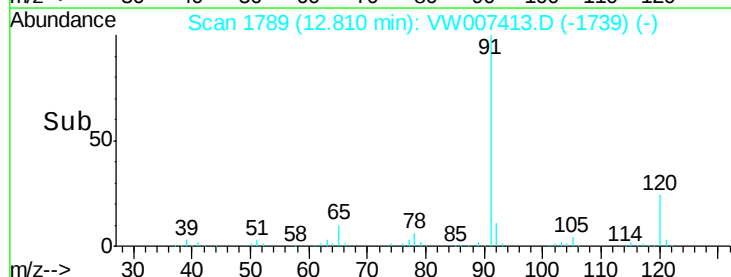
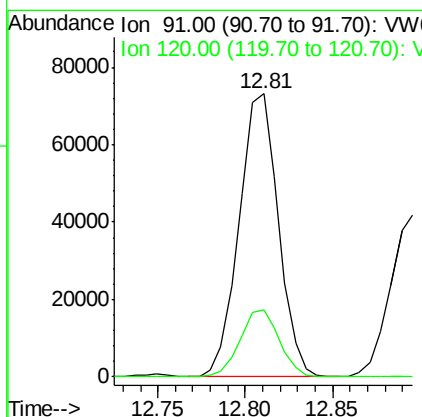
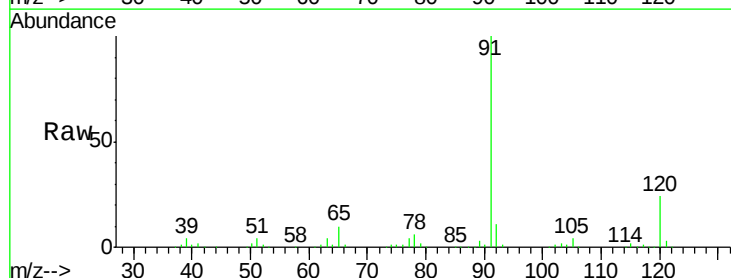
RT: 12.81 min Scan# 1789

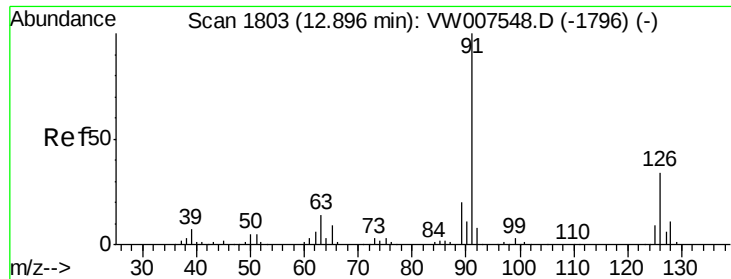
Delta R.T. 0.01 min

Lab File: VW007413.D

Acq: 12 Dec 2018 00:55

Tgt Ion:	91	Resp:	113758
Ion Ratio	Lower	Upper	
91	100		
120	23.8	11.9	35.5





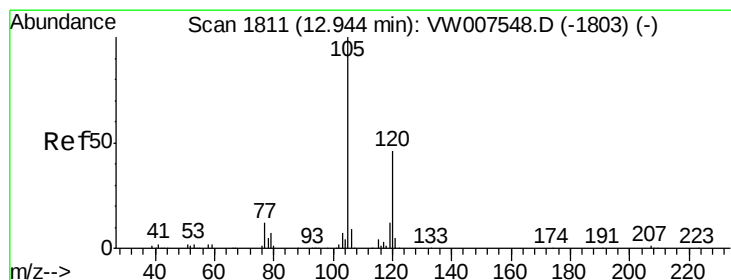
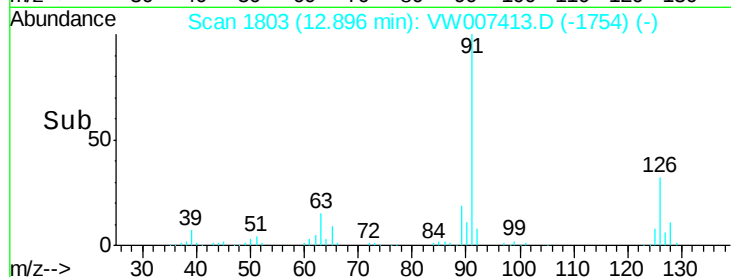
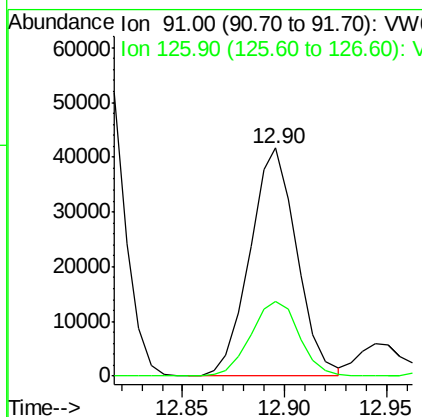
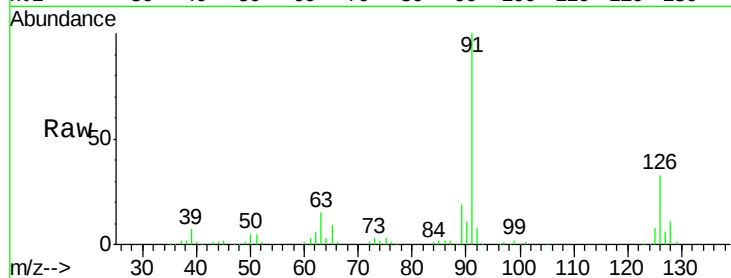
#79
 2-Chlorotoluene
 Concen: 20.212 ug/l
 RT: 12.90 min Scan# 1803
 Delta R.T. -0.00 min
 Lab File: VW007413.D
 Acq: 12 Dec 2018 00:55

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1213SBS01

Tgt Ion: 91 Resp: 66353
 Ion Ratio Lower Upper
 91 100
 126 33.9 15.9 47.6

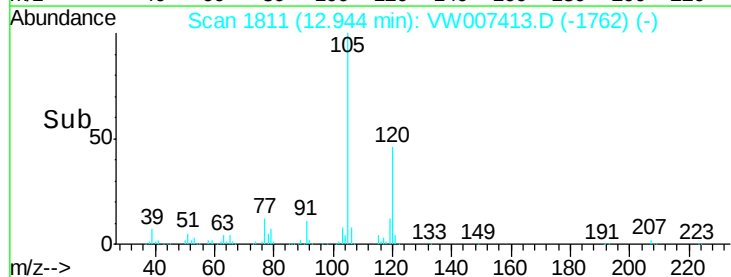
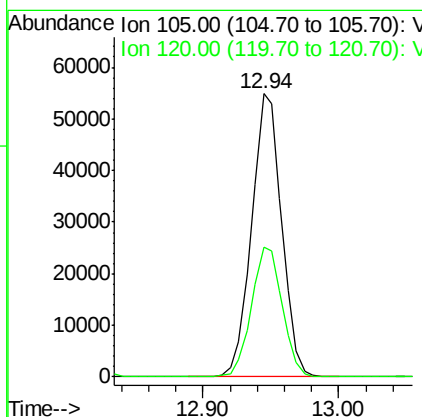
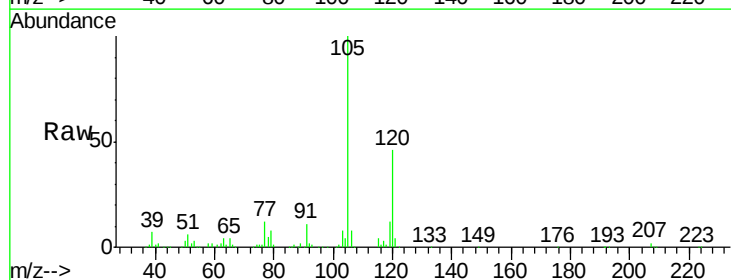
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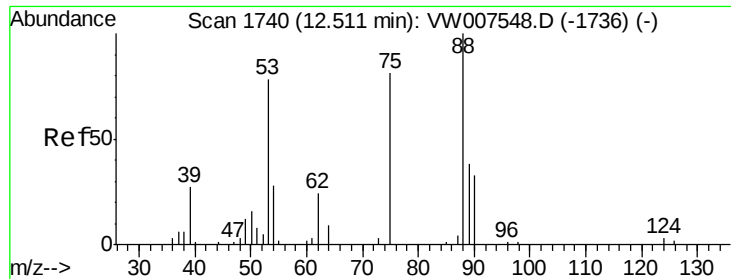
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#80
 1,3,5-Trimethylbenzene
 Concen: 20.929 ug/l
 RT: 12.94 min Scan# 1811
 Delta R.T. -0.00 min
 Lab File: VW007413.D
 Acq: 12 Dec 2018 00:55

Tgt Ion: 105 Resp: 84777
 Ion Ratio Lower Upper
 105 100
 120 47.1 23.8 71.4





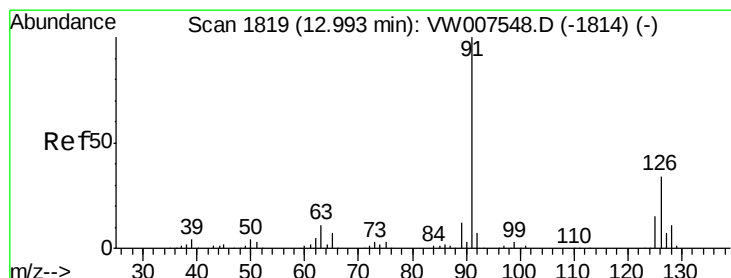
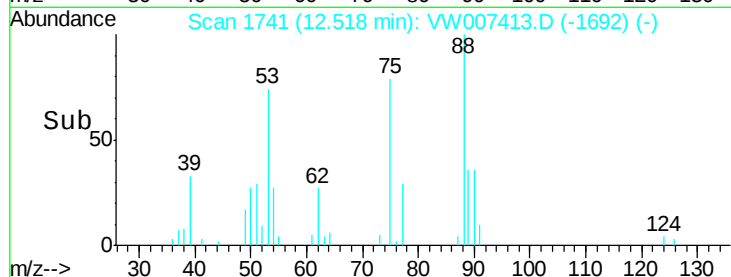
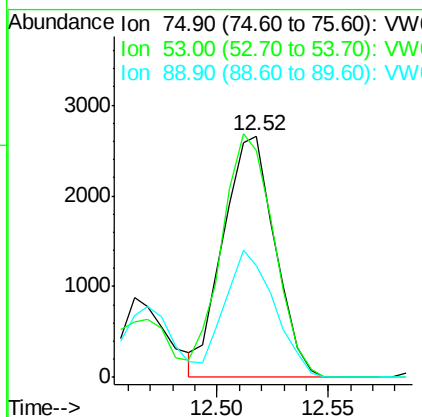
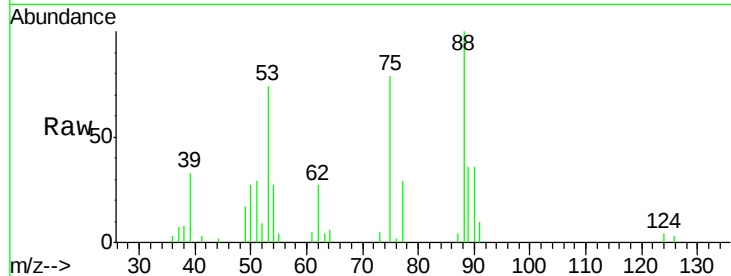
#81
trans-1,4-Dichloro-2-butene
Concen: 18.263 ug/l
RT: 12.52 min Scan# 1741
Delta R.T. -0.00 min
Lab File: VW007413.D
Acq: 12 Dec 2018 00:55

Instrument :
MSVOA_W
ClientSampleId :
VW1213SBS01

Tgt Ion	Ratio	Lower	Upper
75	100		
53	101.9	84.9	127.3
89	50.3	40.3	60.5

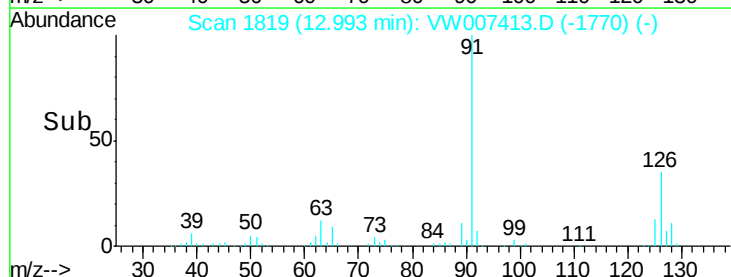
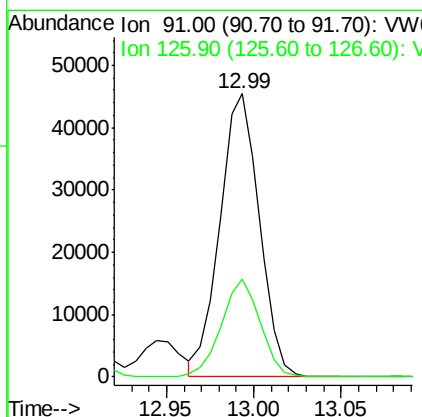
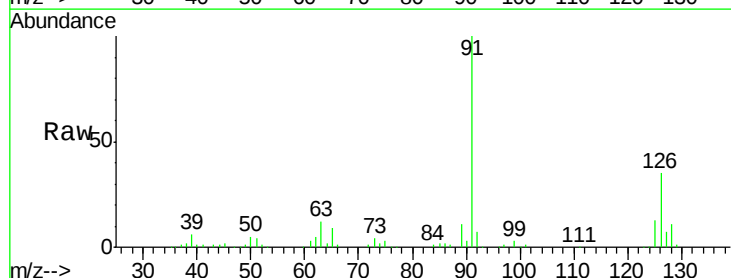
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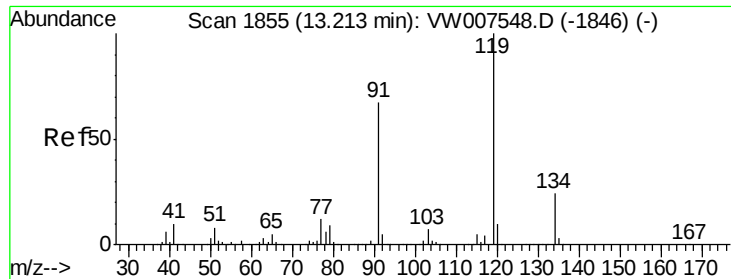
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#82
4-Chlorotoluene
Concen: 20.556 ug/l
RT: 12.99 min Scan# 1819
Delta R.T. -0.00 min
Lab File: VW007413.D
Acq: 12 Dec 2018 00:55

Tgt Ion	Ratio	Lower	Upper
91	100		
126	34.1	16.0	48.0





#83

tert-Butylbenzene

Concen: 20.416 ug/l

RT: 13.21 min Scan# 1855

Delta R.T. -0.00 min

Lab File: VW007413.D

Acq: 12 Dec 2018 00:55

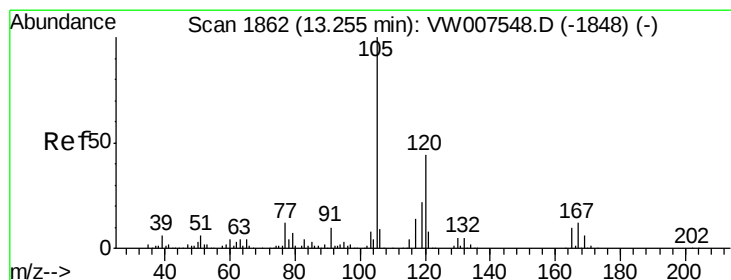
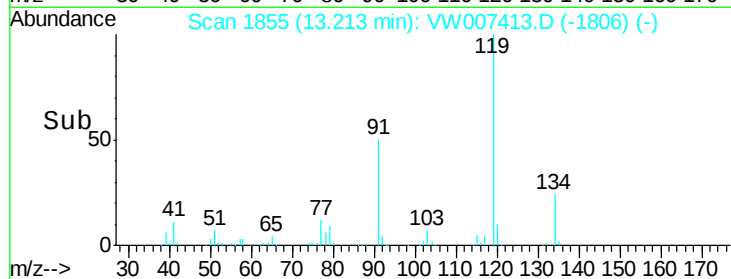
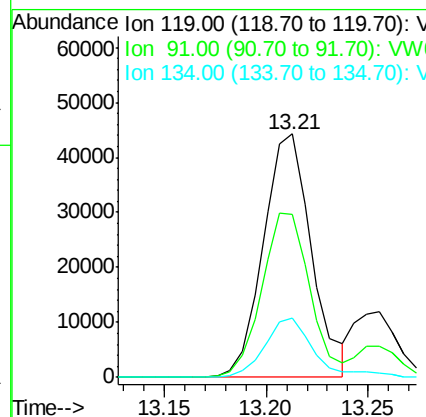
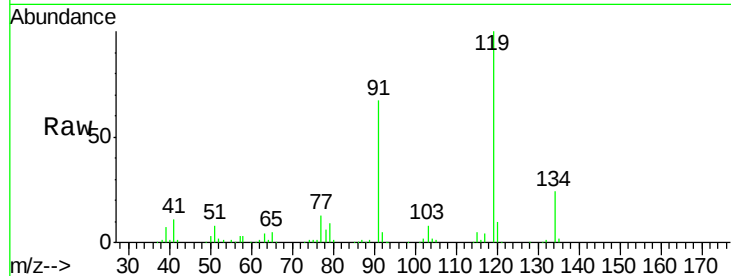
Instrument :
MSVOA_W

ClientSampleId :
VW1213SBS01

Tgt Ion	Ratio	Resp	Lower	Upper
119	100	72869		
91	67.4	33.1	99.2	
134	24.9	12.5	37.5	

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#84

1,2,4-Trimethylbenzene

Concen: 20.412 ug/l

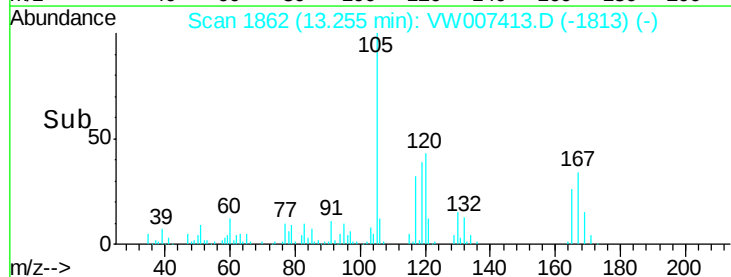
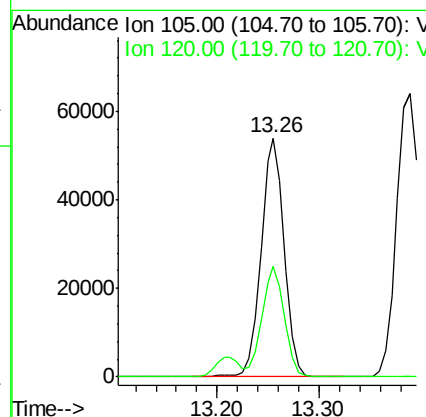
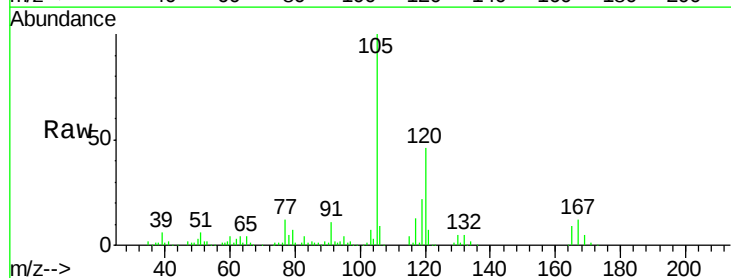
RT: 13.26 min Scan# 1862

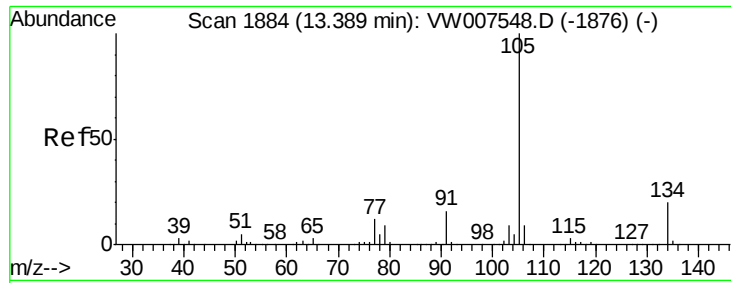
Delta R.T. -0.00 min

Lab File: VW007413.D

Acq: 12 Dec 2018 00:55

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	85087		
120	44.9	22.6	67.7	





#85

sec-Butylbenzene

Concen: 20.733 ug/l

RT: 13.39 min Scan# 1884

Delta R.T. -0.00 min

Lab File: VW007413.D

Acq: 12 Dec 2018 00:55

Instrument :

MSVOA_W

ClientSampleId :

VW1213SBSD01

Tgt Ion:105 Resp: 101022

Ion Ratio Lower Upper

105 100

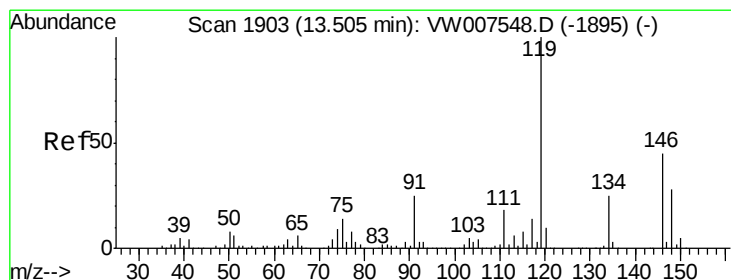
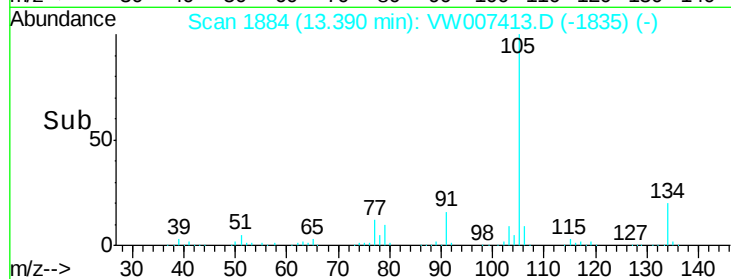
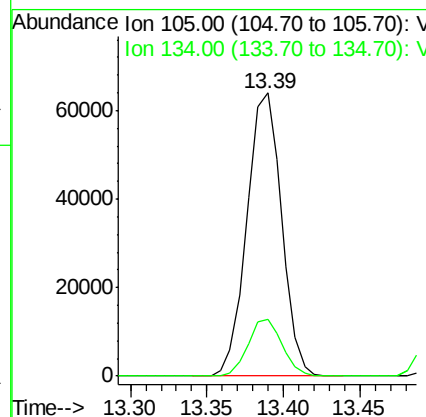
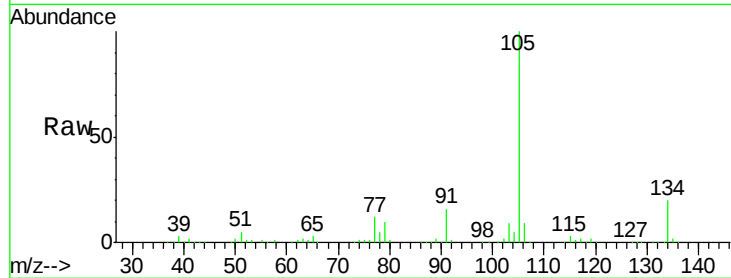
134 19.7 11.1 33.3

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#86

p-Isopropyltoluene

Concen: 20.800 ug/l

RT: 13.50 min Scan# 1902

Delta R.T. -0.01 min

Lab File: VW007413.D

Acq: 12 Dec 2018 00:55

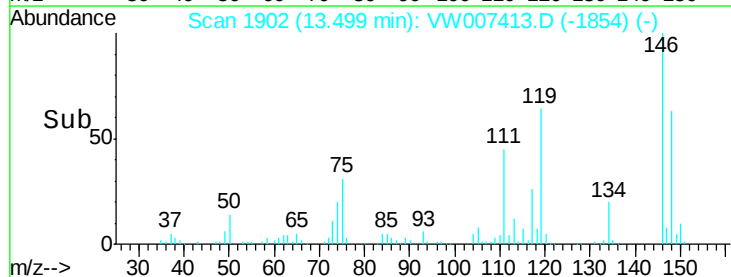
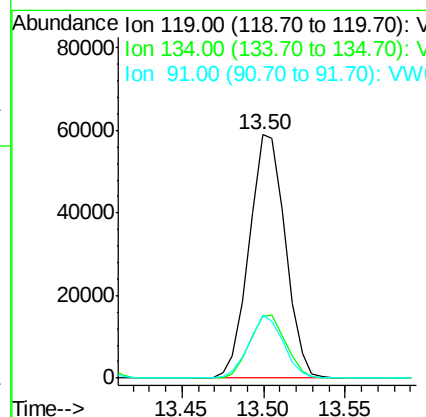
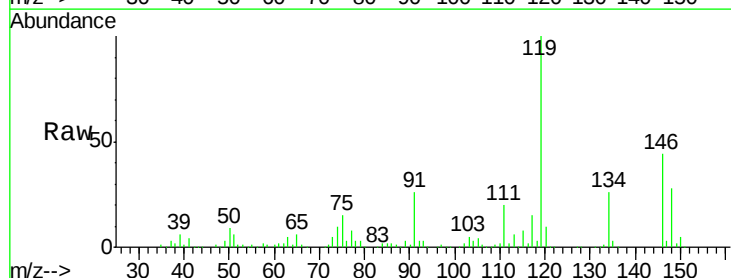
Tgt Ion:119 Resp: 91049

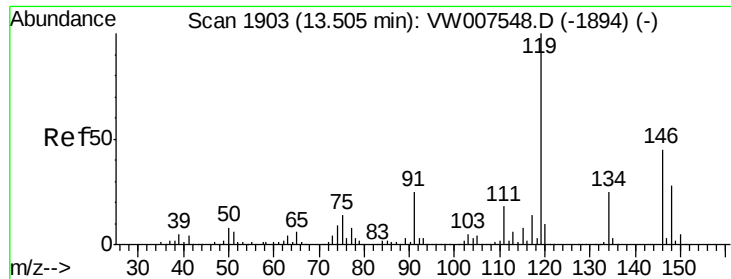
Ion Ratio Lower Upper

119 100

134 26.1 12.9 38.7

91 24.6 11.9 35.9





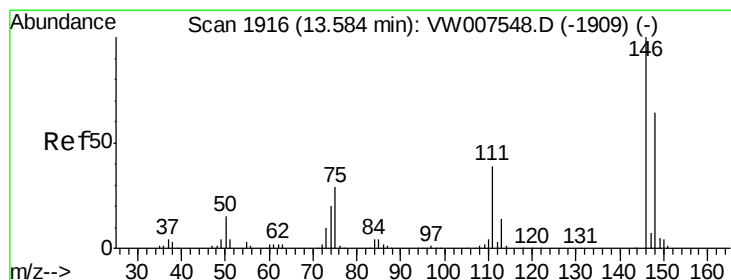
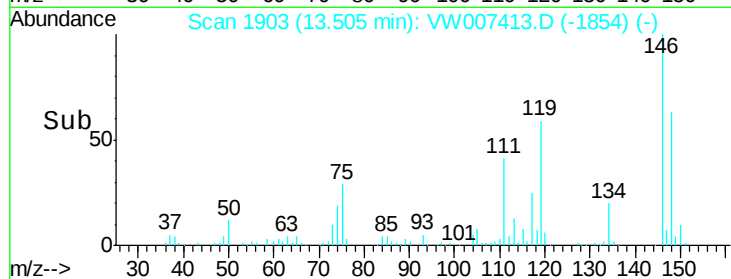
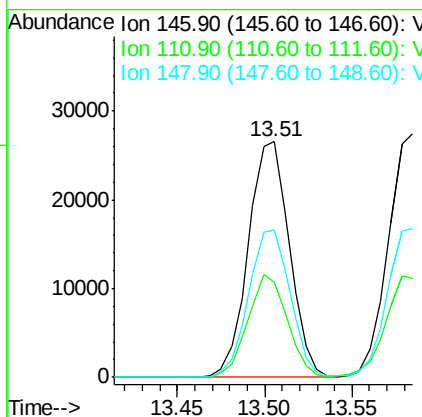
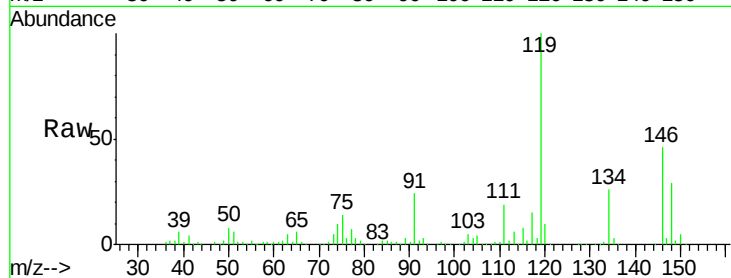
#87
 1,3-Dichlorobenzene
 Concen: 20.386 ug/l
 RT: 13.51 min Scan# 1903
 Delta R.T. -0.00 min
 Lab File: VW007413.D
 Acq: 12 Dec 2018 00:55

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1213SBS01

Tgt Ion	Ratio	Lower	Upper
146	100		
111	42.1	20.1	60.3
148	63.5	31.4	94.0

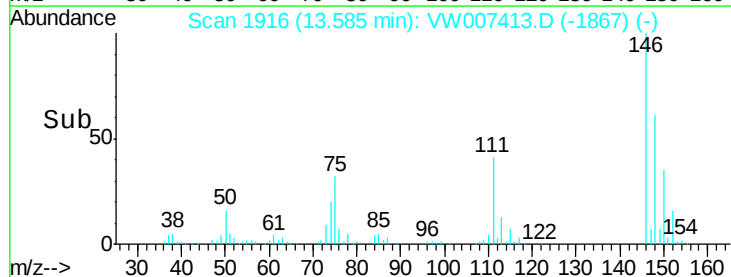
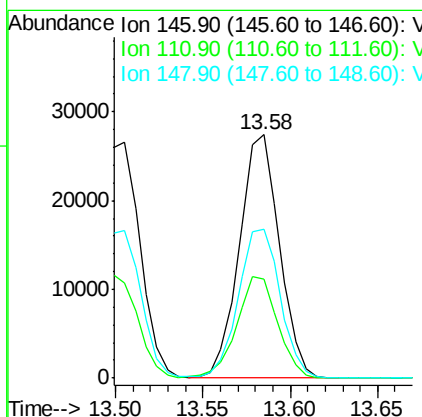
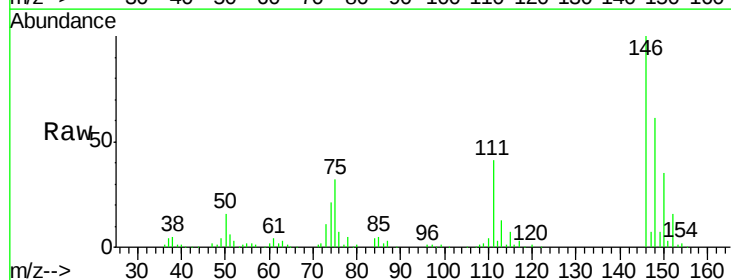
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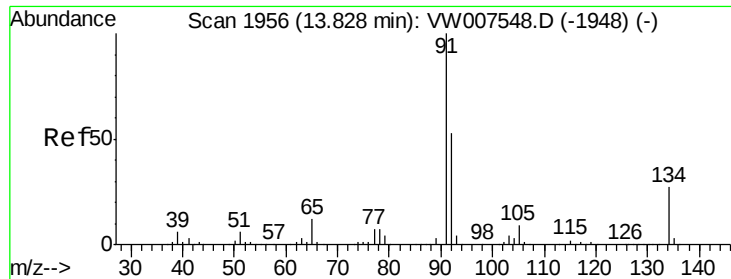
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#88
 1,4-Dichlorobenzene
 Concen: 20.371 ug/l
 RT: 13.58 min Scan# 1916
 Delta R.T. -0.00 min
 Lab File: VW007413.D
 Acq: 12 Dec 2018 00:55

Tgt Ion	Ratio	Lower	Upper
146	100		
111	42.9	20.3	61.0
148	64.2	33.5	100.5





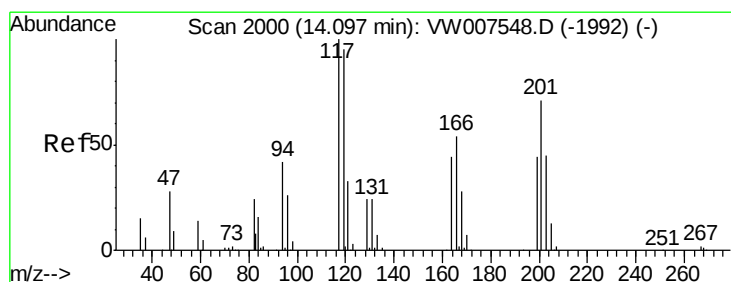
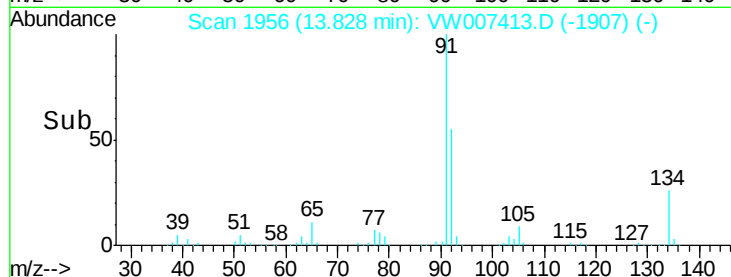
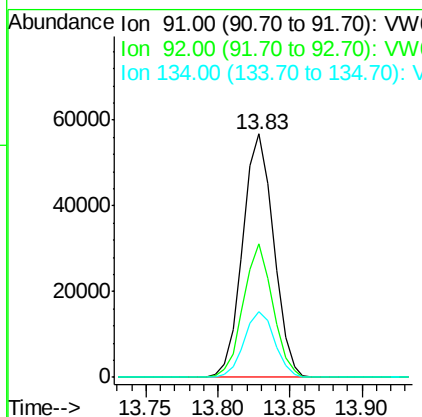
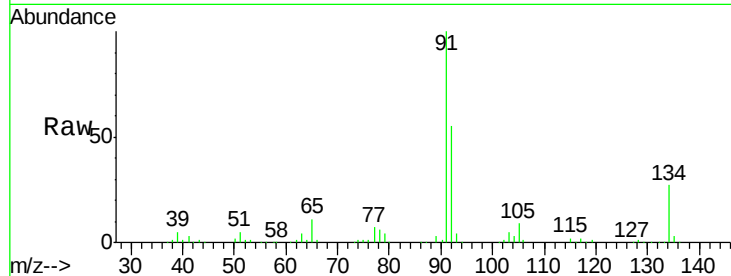
#89
n-Butylbenzene
Concen: 20.815 ug/l
RT: 13.83 min Scan# 1956
Delta R.T. -0.00 min
Lab File: VW007413.D
Acq: 12 Dec 2018 00:55

Instrument :
MSVOA_W
ClientSampleId :
VW1213SBS01

Tgt Ion: 91 Resp: 84469
Ion Ratio Lower Upper
91 100
92 52.5 25.7 77.1
134 26.5 13.4 40.2

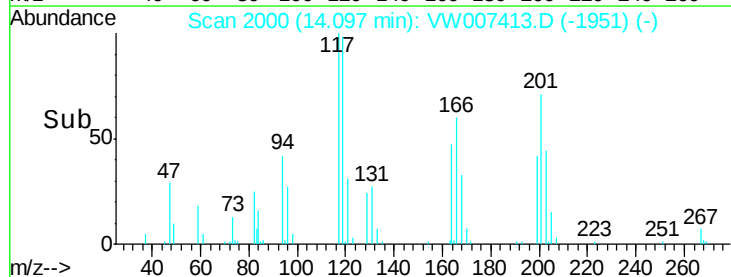
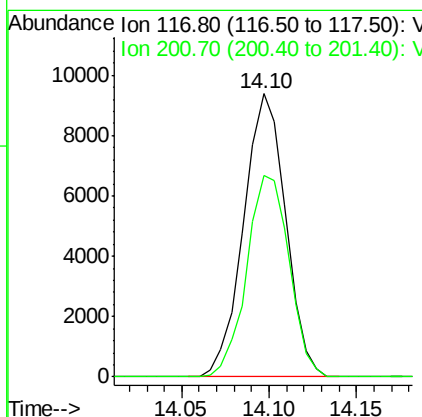
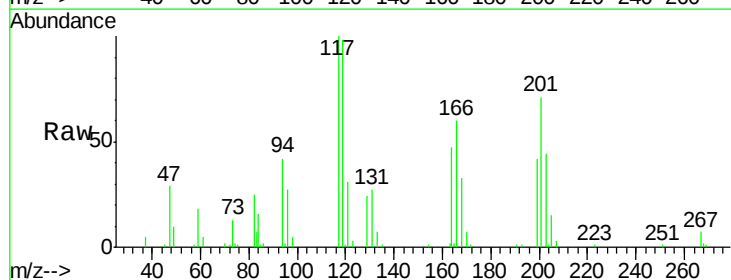
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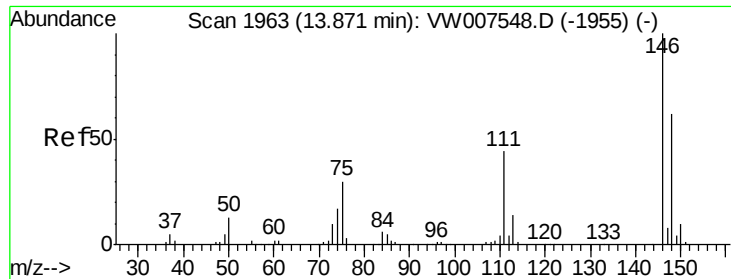
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#90
Hexachloroethane
Concen: 20.132 ug/l
RT: 14.10 min Scan# 2000
Delta R.T. -0.00 min
Lab File: VW007413.D
Acq: 12 Dec 2018 00:55

Tgt Ion: 117 Resp: 15680
Ion Ratio Lower Upper
117 100
201 71.8 35.3 105.9





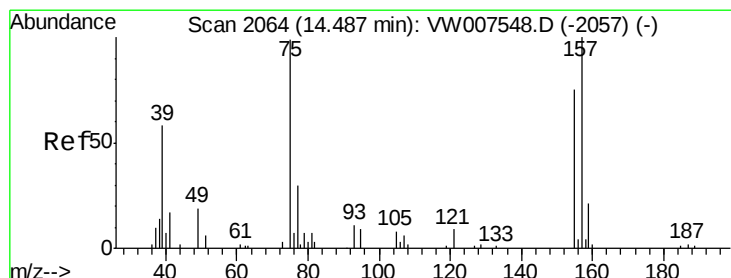
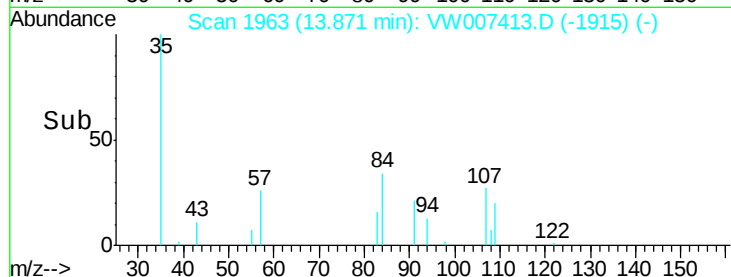
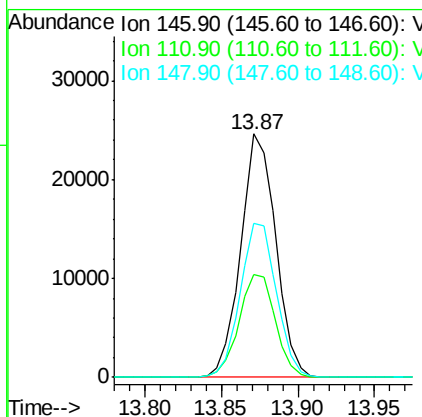
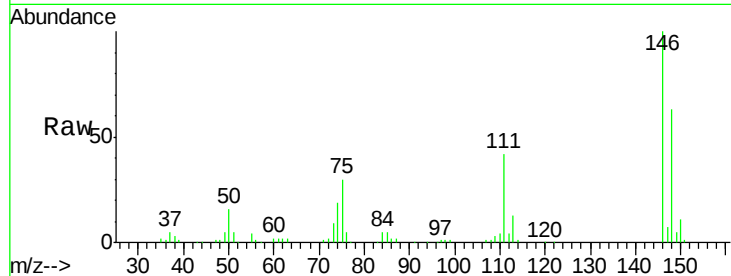
#91
 1,2-Dichlorobenzene
 Concen: 20.548 ug/l
 RT: 13.87 min Scan# 1963
 Delta R.T. -0.01 min
 Lab File: VW007413.D
 Acq: 12 Dec 2018 00:55

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1213SBS01

Tgt Ion	Ratio	Lower	Upper
146	100		
111	43.7	22.4	67.2
148	65.0	32.4	97.2

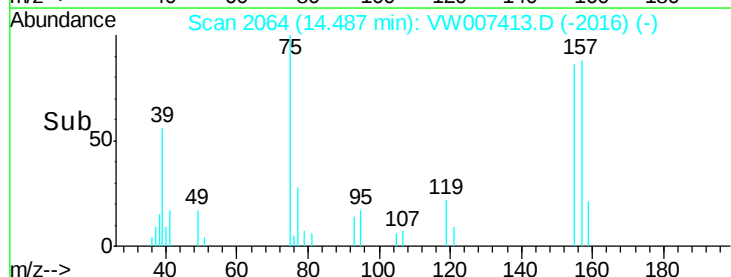
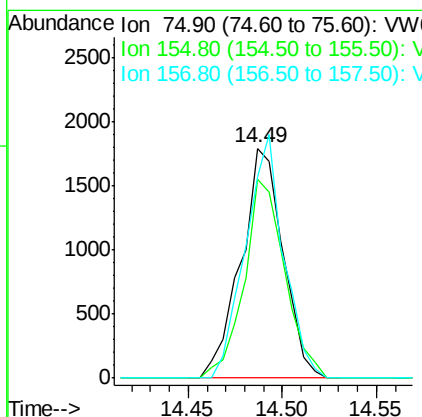
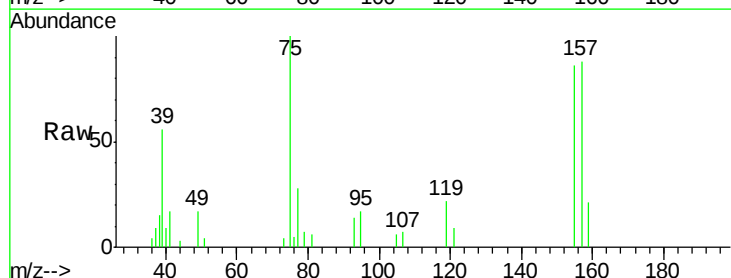
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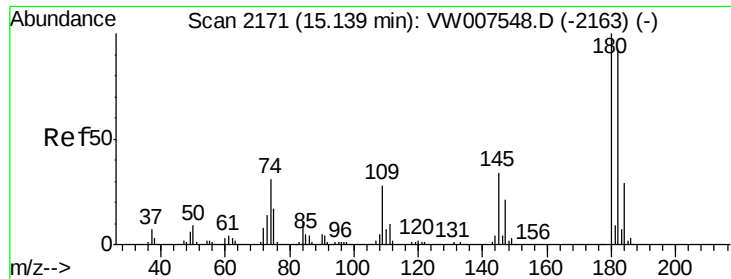
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 19.457 ug/l
 RT: 14.49 min Scan# 2064
 Delta R.T. -0.01 min
 Lab File: VW007413.D
 Acq: 12 Dec 2018 00:55

Tgt Ion	Ratio	Lower	Upper
75	100		
155	83.1	40.8	122.2
157	95.8	51.1	153.4





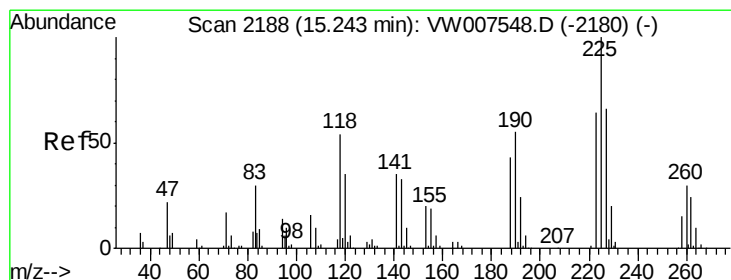
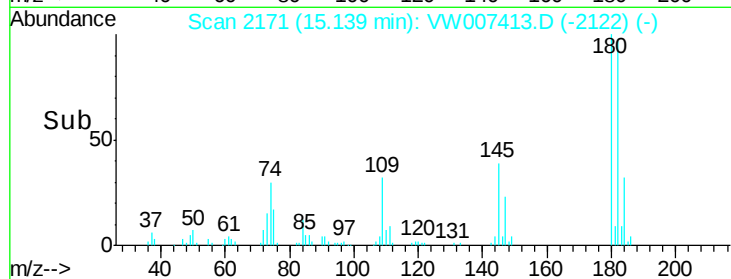
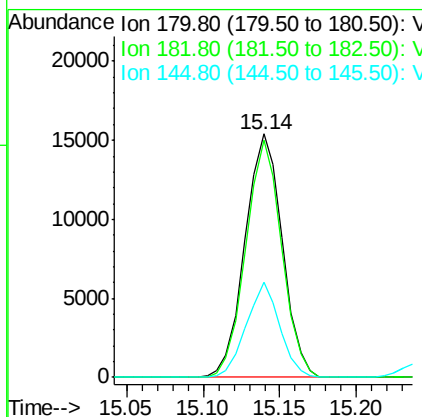
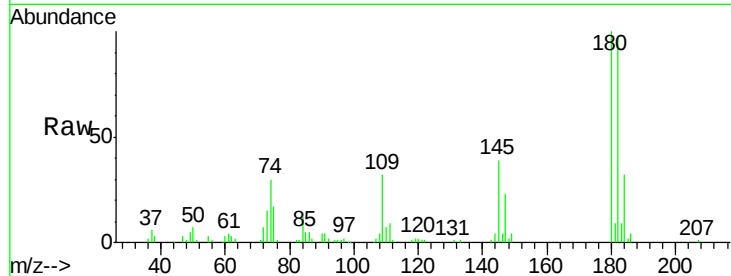
#93
 1,2,4-Trichlorobenzene
 Concen: 19.828 ug/l
 RT: 15.14 min Scan# 2171
 Delta R.T. -0.00 min
 Lab File: VW007413.D
 Acq: 12 Dec 2018 00:55

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1213SBS01

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	26039		
182	93.9	49.9	149.6	
145	35.0	17.8	53.4	

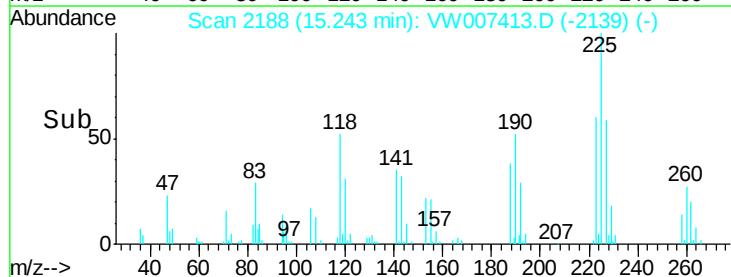
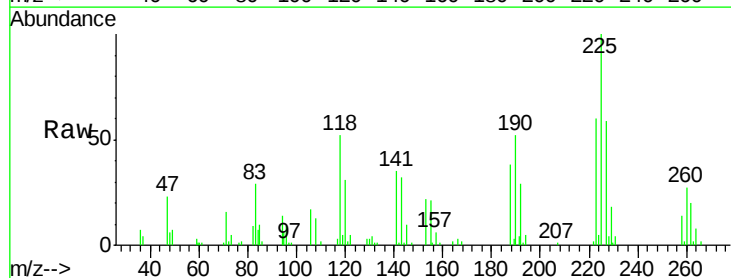
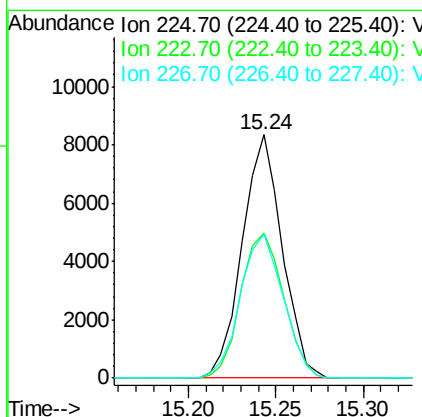
Manual Integrations
 APPROVED

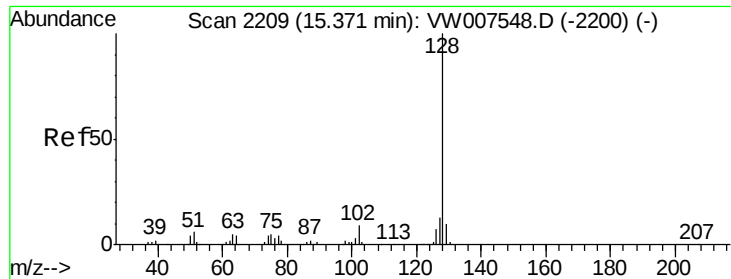
apatel
 12/19/2018 8:42:07 AM



#94
 Hexachlorobutadiene
 Concen: 19.020 ug/l
 RT: 15.24 min Scan# 2188
 Delta R.T. -0.00 min
 Lab File: VW007413.D
 Acq: 12 Dec 2018 00:55

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	13253		
223	63.9	32.1	96.3	
227	63.7	31.9	95.9	





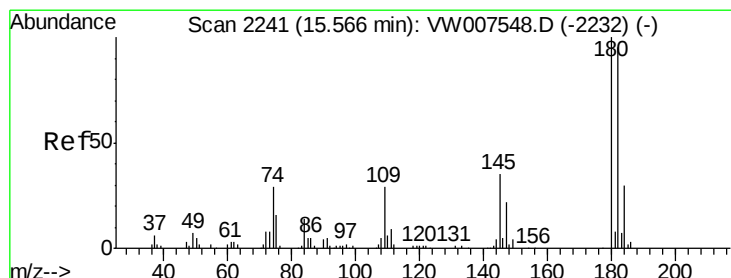
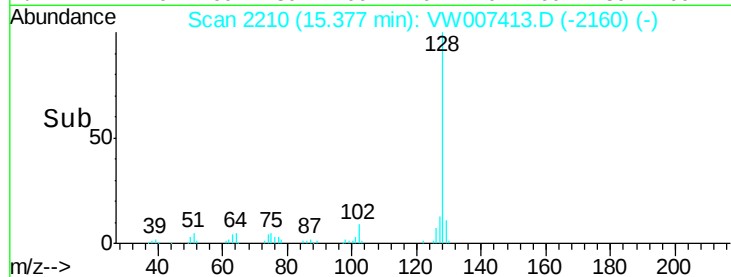
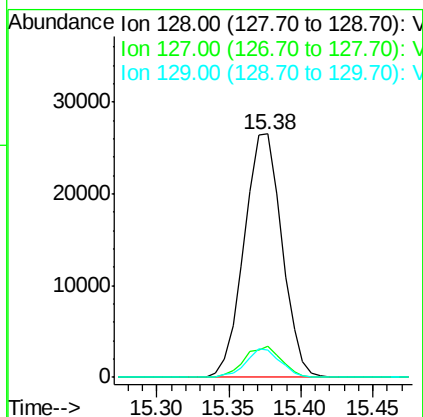
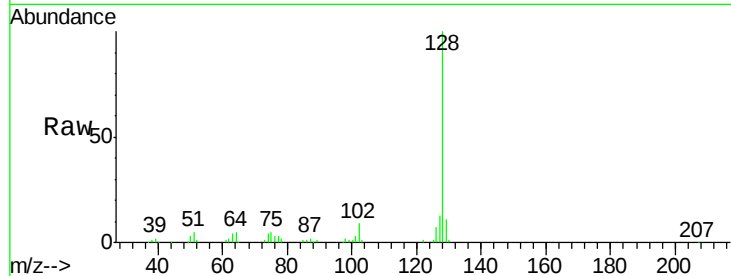
#95
Naphthalene
Concen: 19.208 ug/l
RT: 15.38 min Scan# 2210
Delta R.T. 0.01 min
Lab File: VW007413.D
Acq: 12 Dec 2018 00:55

Instrument :
MSVOA_W
ClientSampleId :
VW1213SBSD01

Tgt Ion	Ratio	Lower	Upper
128	100		
127	12.5	10.2	15.4
129	10.7	8.3	12.5

Manual Integrations
APPROVED

apatel
12/19/2018 8:42:07 AM



#96
1,2,3-Trichlorobenzene
Concen: 19.636 ug/l
RT: 15.56 min Scan# 2240
Delta R.T. -0.00 min
Lab File: VW007413.D
Acq: 12 Dec 2018 00:55

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.3	45.6	136.7
145	35.0	17.5	52.5

