

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\WV122018\
 Data File : VW007658.D
 Acq On : 18 Dec 2018 15:09
 Operator : SY/AP
 Sample : J6353-03MSD
 Misc : 4.61G/5ML/MSVOA_W/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 P001-SS001-0002-01MSD

Manual Integrations
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 12/19/2018 12:15:27 PM

Quant Time: Dec 19 04:50:35 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	33941	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	59087	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	37619	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	9207	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	22923	60.88	ug/l	0.00
Spiked Amount	50.000		Recovery	=	121.76%	
35) Dibromofluoromethane	7.88	113	11288	31.56	ug/l	0.00
Spiked Amount	50.000		Recovery	=	63.12%	
50) Toluene-d8	10.32	98	55345	41.27	ug/l	0.00
Spiked Amount	50.000		Recovery	=	82.54%	
62) 4-Bromofluorobenzene	12.62	95	15528	31.49	ug/l	0.00
Spiked Amount	50.000		Recovery	=	62.98%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.01	85	11811	49.797	ug/l	98
3) Chloromethane	2.21	50	10805	54.394	ug/l	95
4) Vinyl Chloride	2.37	62	14497	62.189	ug/l	93
5) Bromomethane	2.78	94	10632	67.883	ug/l	97
6) Chloroethane	2.93	64	8683	67.667	ug/l	98
7) Trichlorofluoromethane	3.25	101	14094	67.250	ug/l	99
8) Diethyl Ether	3.68	74	10562	64.390	ug/l	84
9) 1,1,2-Trichlorotrifluoroet	4.06	101	11803	34.131	ug/l	94
10) Methyl Iodide	4.26	142	36286	63.356	ug/l	96
11) Tert butyl alcohol	5.17	59	9349	361.511	ug/l	95
12) 1,1-Dichloroethene	4.03	96	20941	62.895	ug/l	97
13) Acrolein	3.89	56	3267	190.919	ug/l	94
14) Allyl chloride	4.66	41	29331	59.764	ug/l	96
15) Acrylonitrile	5.37	53	22338	323.041	ug/l	99
16) Acetone	4.12	43	30415	462.432	ug/l	100
17) Carbon Disulfide	4.37	76	50694	50.215	ug/l	97
18) Methyl Acetate	4.67	43	6957	38.972	ug/l	96
19) Methyl tert-butyl Ether	5.42	73	39866	79.370	ug/l #	86
20) Methylene Chloride	4.91	84	24172	68.668	ug/l	98
21) trans-1,2-Dichloroethene	5.42	96	21444	57.574	ug/l	96
22) Diisopropyl ether	6.31	45	58644	62.166	ug/l	96
23) Vinyl Acetate	6.31	43	32090	60.818	ug/l #	72
24) 1,1-Dichloroethane	6.21	63	40264	63.152	ug/l	97
25) 2-Butanone	7.17	43	32250	375.588	ug/l	100
26) 2,2-Dichloropropane	7.17	77	28750	68.135	ug/l	100
27) cis-1,2-Dichloroethene	7.17	96	25614	62.806	ug/l	98
28) Bromochloromethane	7.51	49	14341	59.800	ug/l	96
29) Tetrahydrofuran	7.53	42	17472	321.422	ug/l	94
30) Chloroform	7.68	83	44688	64.408	ug/l	100
31) Cyclohexane	7.96	56	14104	24.111	ug/l #	95
32) 1,1,1-Trichloroethane	7.87	97	34601	56.868	ug/l	98
36) 1,1-Dichloropropene	8.08	75	23747	44.057	ug/l	97
37) Ethyl Acetate	7.25	43	7615	37.984	ug/l	99
38) Carbon Tetrachloride	8.07	117	25640	43.718	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	10767	16.496	ug/l	87
40) Benzene	8.32	78	88592	59.225	ug/l	99
41) Methacrylonitrile	7.48	41	7419	64.986	ug/l	94
42) 1,2-Dichloroethane	8.40	62	31273	66.554	ug/l	99
43) Isopropyl Acetate	8.43	43	24101	60.860	ug/l	99
44) Trichloroethene	9.09	130	39339	92.096	ug/l	100
45) 1,2-Dichloropropane	9.37	63	20351	58.791	ug/l	98
46) Dibromomethane	9.46	93	12738	64.799	ug/l	98
47) Bromodichloromethane	9.65	83	31717	61.511	ug/l	98
48) Methyl methacrylate	9.43	41	9781	48.092	ug/l	97
49) 1,4-Dioxane	9.45	88	4433	1389.825	ug/l	95
51) 4-Methyl-2-Pentanone	10.21	43	66634	356.118	ug/l	99
52) Toluene	10.39	92	157364	162.560	ug/l	98
53) t-1,3-Dichloropropene	10.61	75	31010	61.947	ug/l	98
54) cis-1,3-Dichloropropene	10.07	75	33392	57.703	ug/l	93
55) 1,1,2-Trichloroethane	10.79	97	17463	65.272	ug/l	94
56) Ethyl methacrylate	10.65	69	17781	55.293	ug/l	100
57) 1,3-Dichloropropane	10.93	76	28142	64.085	ug/l	97
58) 2-Chloroethyl Vinyl ether	9.93	63	52618	354.822	ug/l	99
59) 2-Hexanone	10.97	43	47979	384.550	ug/l	98
60) Dibromochloromethane	11.13	129	20542	60.840	ug/l	98
61) 1,2-Dibromoethane	11.23	107	15912	60.183	ug/l	97
64) Tetrachloroethene	10.87	164	16015	59.199	ug/l	93
65) Chlorobenzene	11.66	112	42886	54.695	ug/l	94
66) 1,1,1,2-Tetrachloroethane	11.73	131	17991	65.147	ug/l	97
67) Ethyl Benzene	11.73	91	134542	99.802	ug/l	94
68) m/p-Xylenes	11.84	106	152463	290.917	ug/l	99
69) o-Xylene	12.17	106	74156	151.508	ug/l	97
70) Styrene	12.18	104	61617	77.940	ug/l	91
71) Bromoform	12.35	173	10788	76.321	ug/l #	98
73) Isopropylbenzene	12.47	105	41261	58.487	ug/l	99
74) N-amyl acetate	12.27	43	14477	112.913	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.72	83	896	8.575	ug/l	77
76) 1,2,3-Trichloropropane	12.77	75	12883m	169.704	ug/l	
77) Bromobenzene	12.75	156	14453	92.425	ug/l	87
78) n-propylbenzene	12.81	91	61726	77.746	ug/l	99
79) 2-Chlorotoluene	12.90	91	31381m	65.323	ug/l	
80) 1,3,5-Trimethylbenzene	12.94	105	66384	111.989	ug/l	96
81) trans-1,4-Dichloro-2-buten	12.51	75	5623	163.622	ug/l	94
82) 4-Chlorotoluene	12.99	91	30887	60.994	ug/l	98
83) tert-Butylbenzene	13.21	119	16418	31.433	ug/l	95
84) 1,2,4-Trimethylbenzene	13.26	105	188779	309.476	ug/l	100
85) sec-Butylbenzene	13.38	105	19445	27.271	ug/l	99
86) p-Isopropyltoluene	13.50	119	17216	26.876	ug/l	98
87) 1,3-Dichlorobenzene	13.50	146	15816	50.728	ug/l	97
88) 1,4-Dichlorobenzene	13.58	146	16971	54.144	ug/l	97
89) n-Butylbenzene	13.83	91	17625	29.680	ug/l #	77
90) Hexachloroethane	14.10	117	4373	38.368	ug/l	65
91) 1,2-Dichlorobenzene	13.88	146	16179	57.937	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	3138	149.651	ug/l	96

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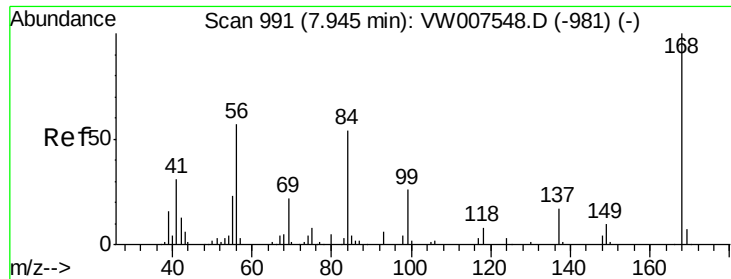
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.14	180	3928	20.439	ug/l #	83
94) Hexachlorobutadiene	15.24	225	871	8.542	ug/l	89
95) Naphthalene	15.38	128	44700	121.585	ug/l	96
96) 1,2,3-Trichlorobenzene	15.57	180	3619	21.678	ug/l #	81

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.01 min

Lab File: VW007658.D

Acq: 18 Dec 2018 15:09

Instrument :

MSVOA_W

ClientSampleId :

P001-SS001-0002-01MSD

Tgt Ion: 168 Resp: 33941

Ion Ratio Lower Upper

168 100

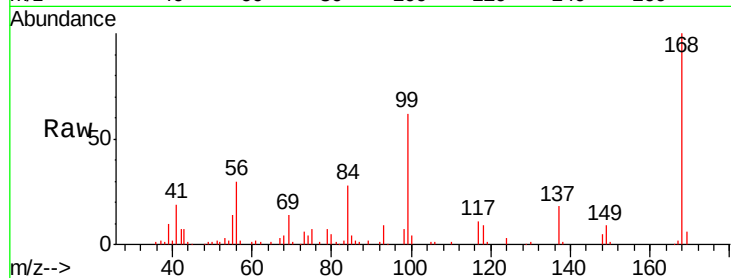
99 62.3 48.3 72.5

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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

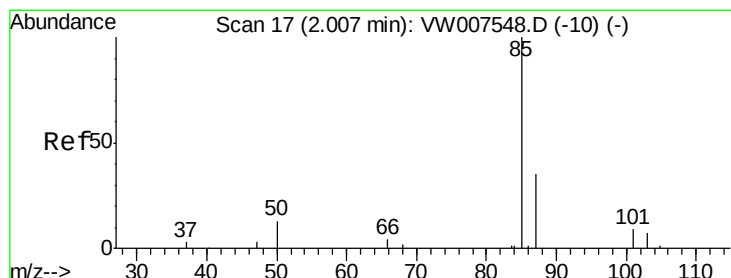
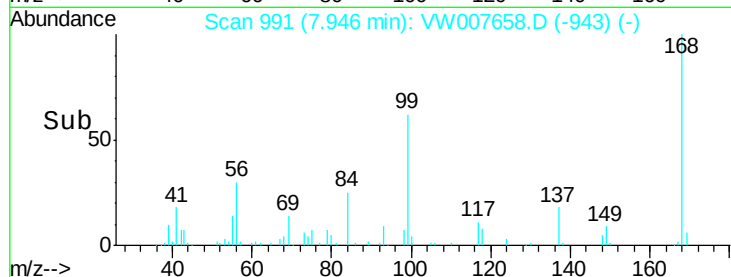
15000

10000

5000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 49.797 ug/l

RT: 2.01 min Scan# 18

Delta R.T. 0.01 min

Lab File: VW007658.D

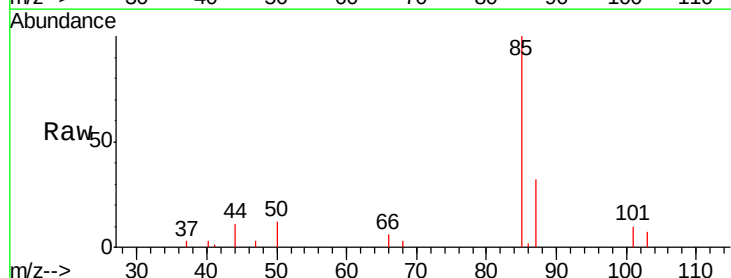
Acq: 18 Dec 2018 15:09

Tgt Ion: 85 Resp: 11811

Ion Ratio Lower Upper

85 100

87 32.2 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

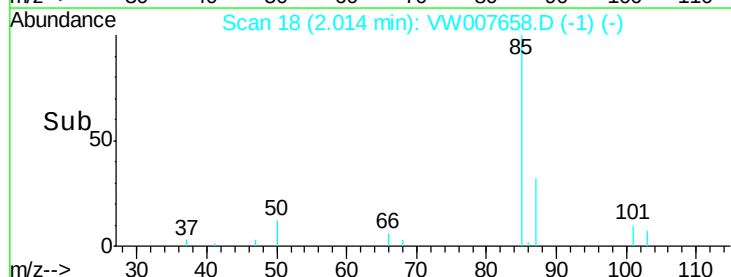
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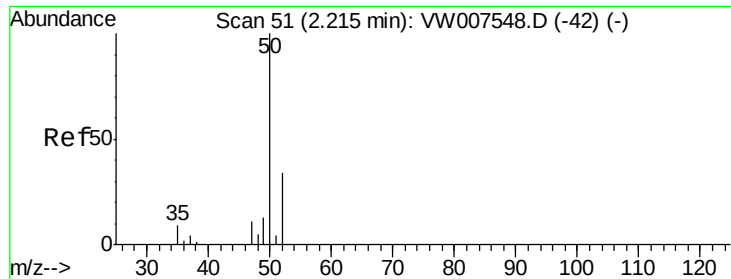
2000

1000

0

Time-->





#3

Chloromethane

Concen: 54.394 ug/l

RT: 2.21 min Scan# 51

Delta R.T. -0.01 min

Lab File: VW007658.D

Acq: 18 Dec 2018 15:09

Instrument :

MSVOA_W

ClientSampleId :

P001-SS001-0002-01MSD

Tgt Ion: 50 Resp: 10805

Ion Ratio Lower Upper

50 100

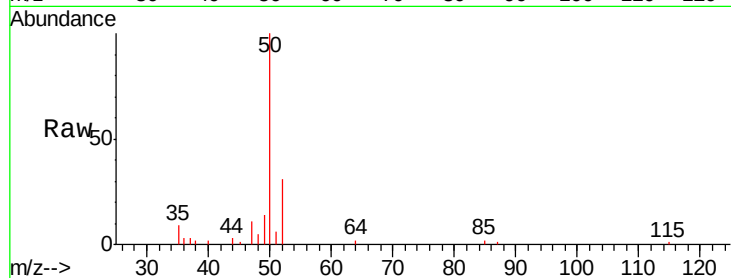
52 31.1 27.4 41.0

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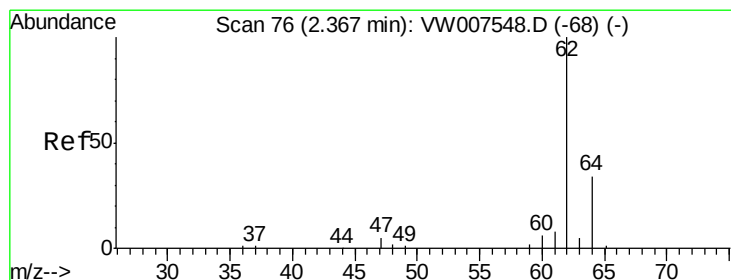
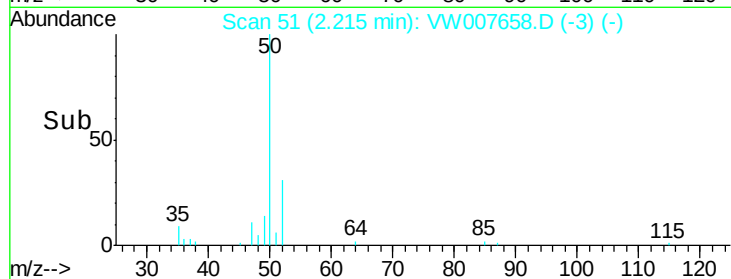
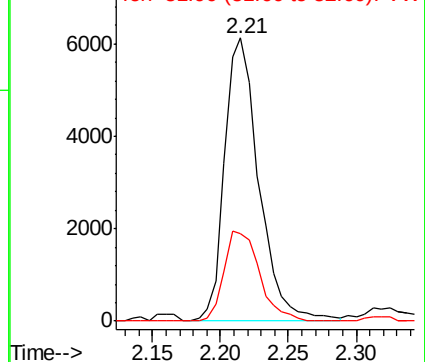
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Abundance Ion 49.90 (49.60 to 50.60): VW

Ion 51.90 (51.60 to 52.60): VW



#4

Vinyl Chloride

Concen: 62.189 ug/l

RT: 2.37 min Scan# 76

Delta R.T. 0.00 min

Lab File: VW007658.D

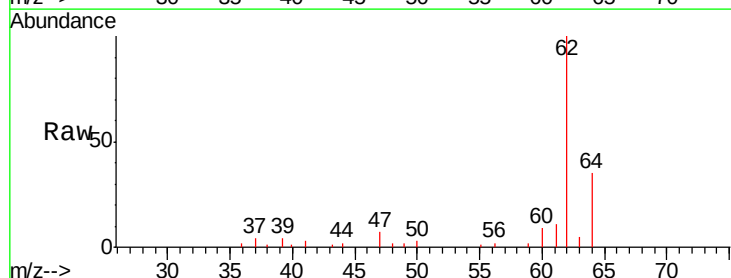
Acq: 18 Dec 2018 15:09

Tgt Ion: 62 Resp: 14497

Ion Ratio Lower Upper

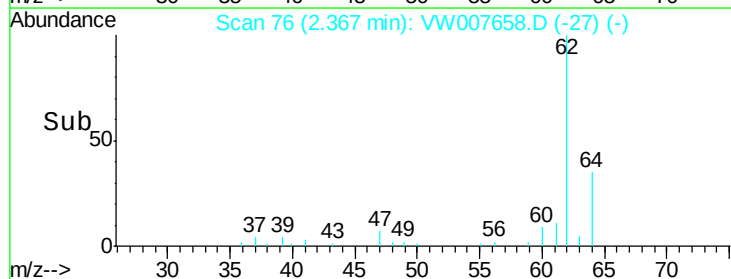
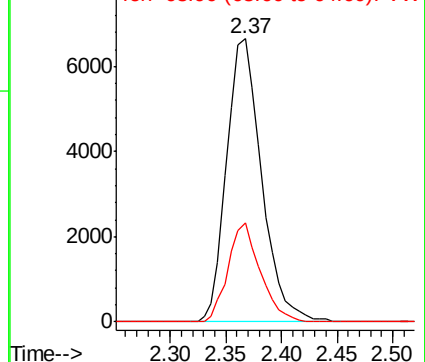
62 100

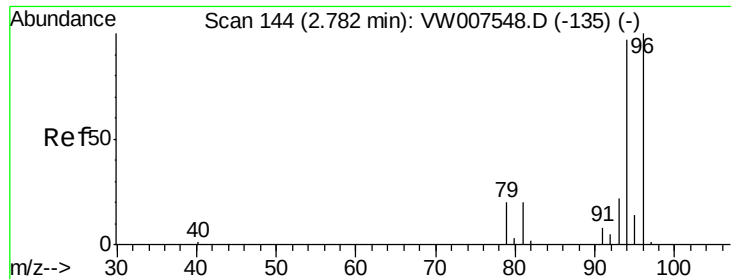
64 34.8 24.6 37.0



Abundance Ion 61.90 (61.60 to 62.60): VW

Ion 63.90 (63.60 to 64.60): VW





#5

Bromomethane

Concen: 67.883 ug/l

RT: 2.78 min Scan# 144

Delta R.T. 0.01 min

Lab File: VW007658.D

Acq: 18 Dec 2018 15:09

Instrument :

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Tgt Ion: 94 Resp: 10632

Ion Ratio Lower Upper

94 100

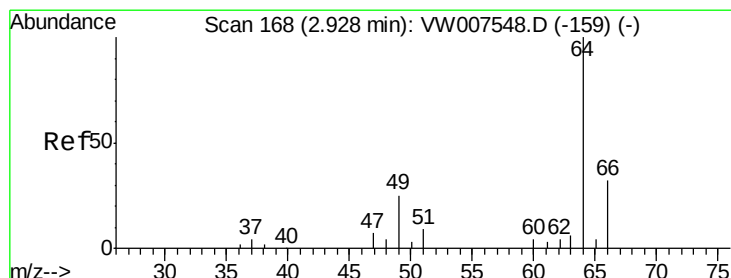
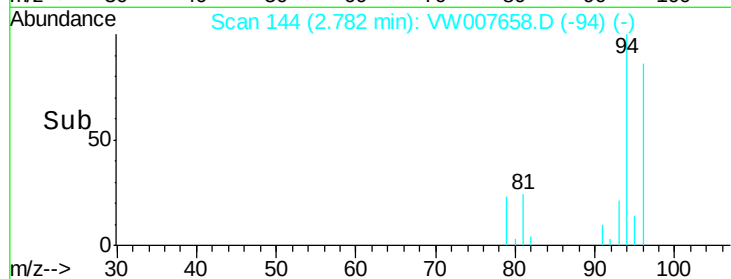
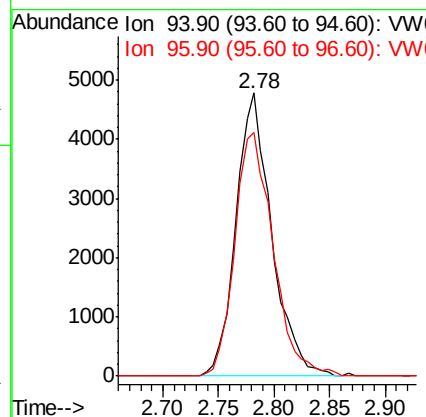
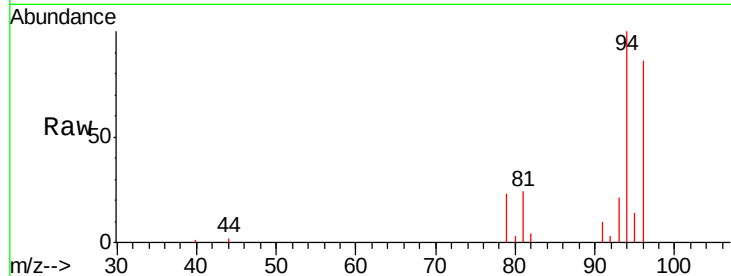
96 86.0 71.0 106.4

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#6

Chloroethane

Concen: 67.667 ug/l

RT: 2.93 min Scan# 168

Delta R.T. 0.00 min

Lab File: VW007658.D

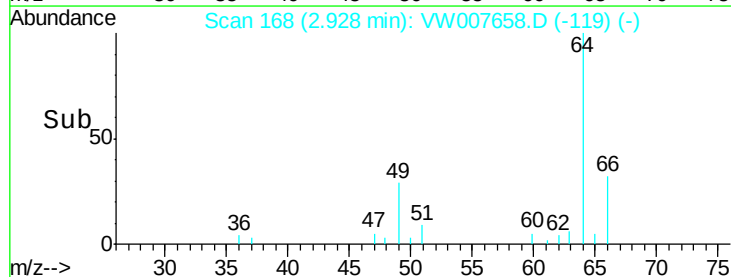
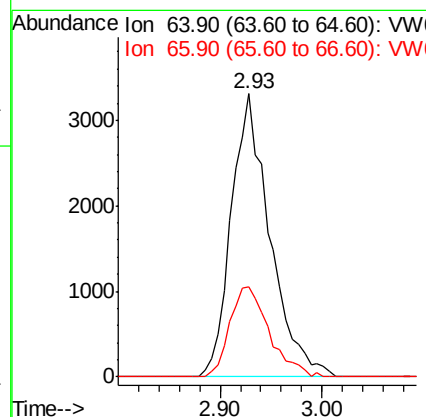
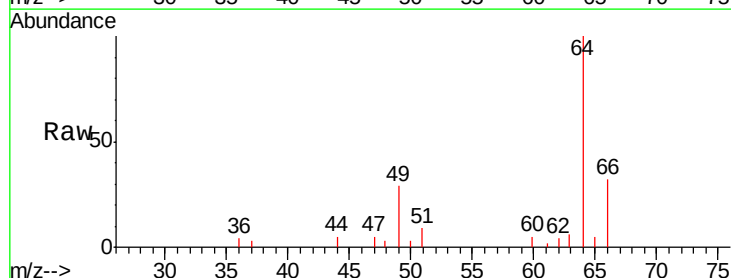
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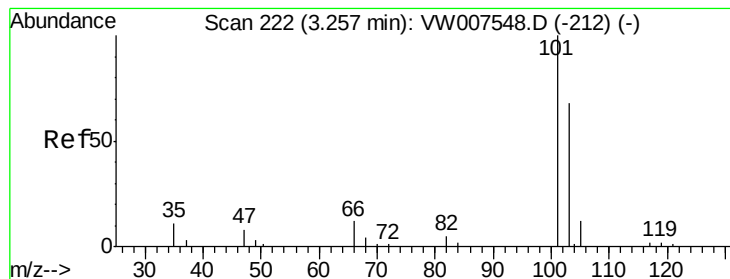
Tgt Ion: 64 Resp: 8683

Ion Ratio Lower Upper

64 100

66 31.8 24.6 37.0





#7

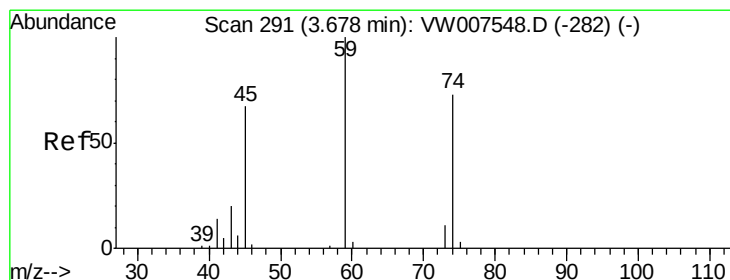
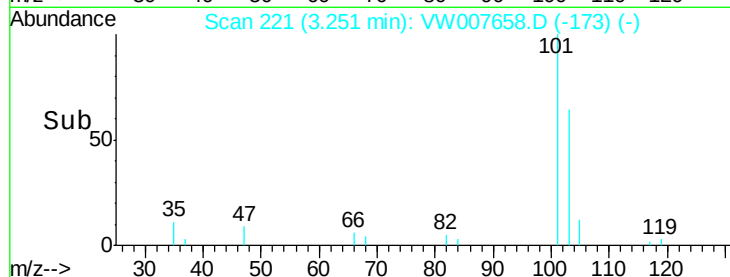
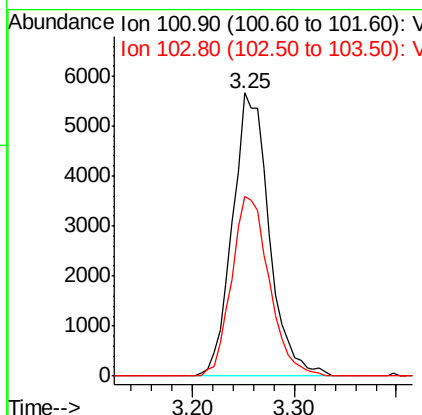
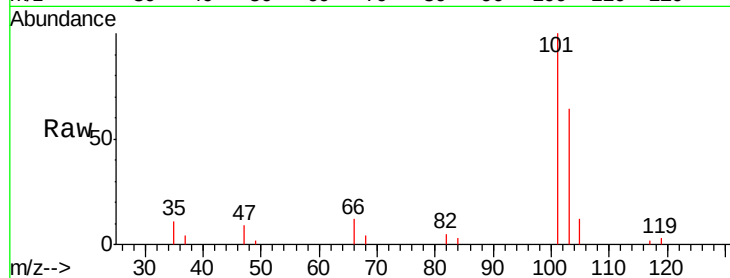
Trichlorofluoromethane
Concen: 67.250 ug/l
RT: 3.25 min Scan# 221
Delta R.T. -0.01 min
Lab File: VW007658.D
Acq: 18 Dec 2018 15:09

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P001-SS001-0002-01MSD

Tgt Ion:101 Resp: 14094
Ion Ratio Lower Upper
101 100
103 63.6 51.7 77.5

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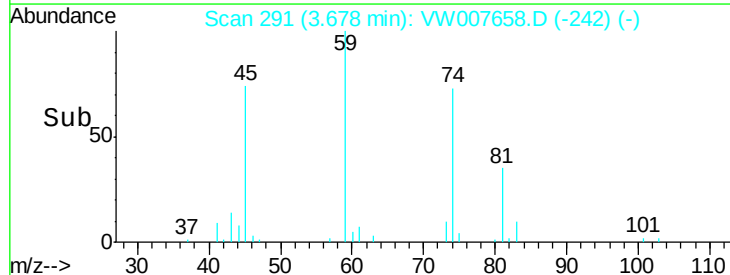
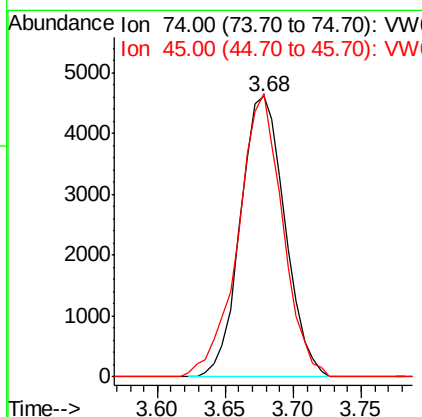
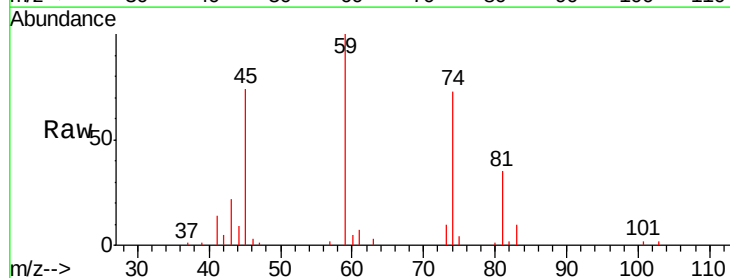
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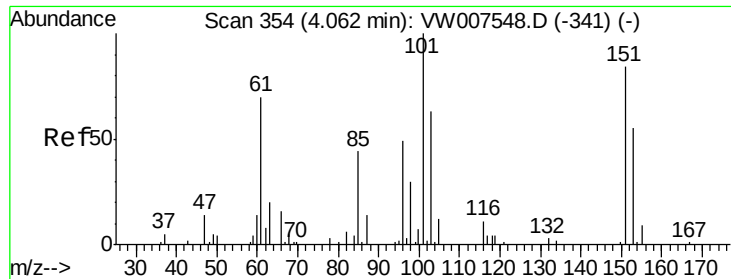


#8

Diethyl Ether
Concen: 64.390 ug/l
RT: 3.68 min Scan# 291
Delta R.T. 0.00 min
Lab File: VW007658.D
Acq: 18 Dec 2018 15:09

Tgt Ion: 74 Resp: 10562
Ion Ratio Lower Upper
74 100
45 101.1 43.0 129.0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 34.131 ug/l

RT: 4.06 min Scan# 354

Delta R.T. 0.01 min

Lab File: VW007658.D

Acq: 18 Dec 2018 15:09

Instrument :

MSVOA_W

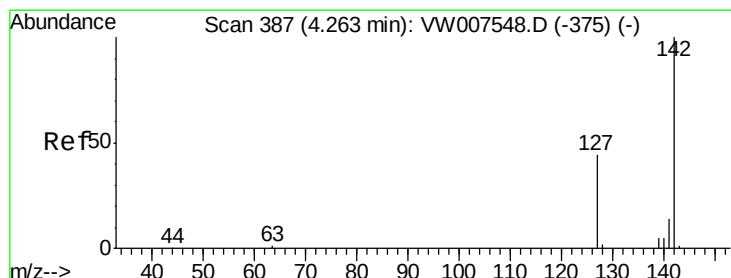
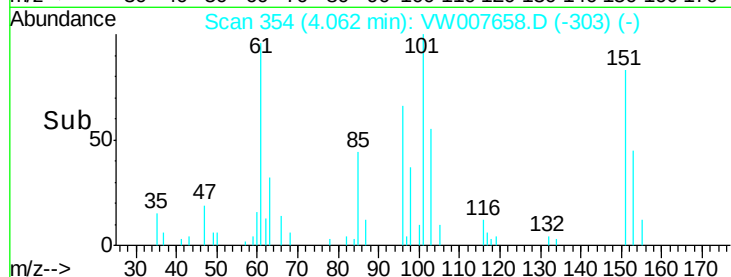
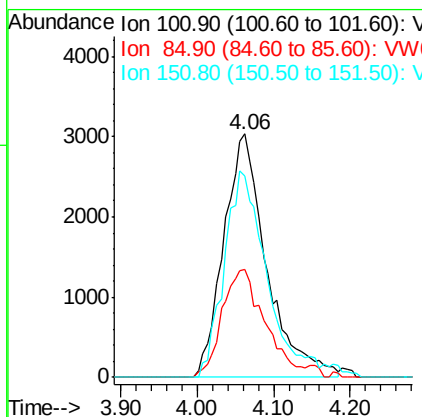
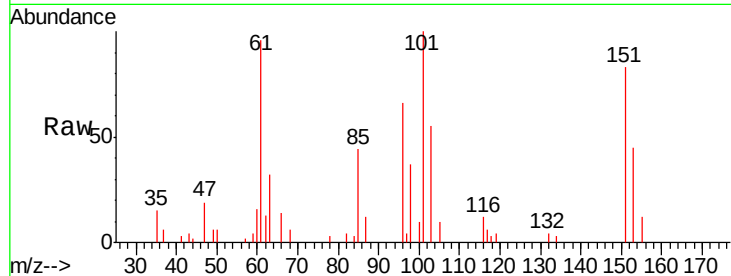
ClientSampleId :

P001-SS001-0002-01MSD

Tgt Ion:	101	Resp:	11803
Ion Ratio	Lower	Upper	
101	100		
85	44.2	33.9	50.9
151	86.2	63.7	95.5

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#10

Methyl Iodide

Concen: 63.356 ug/l

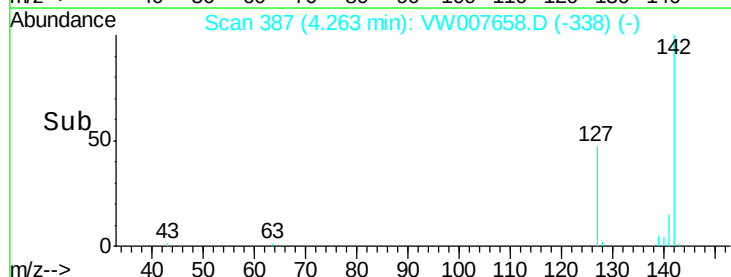
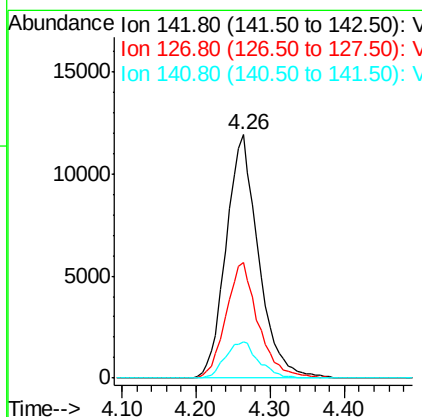
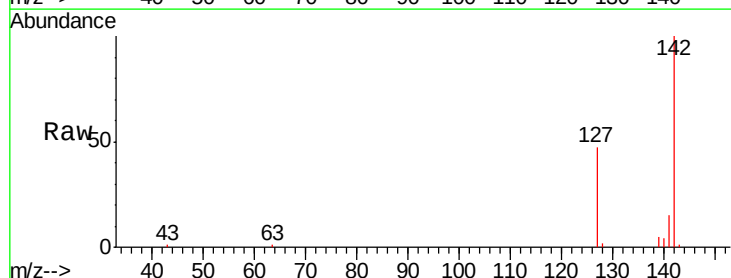
RT: 4.26 min Scan# 387

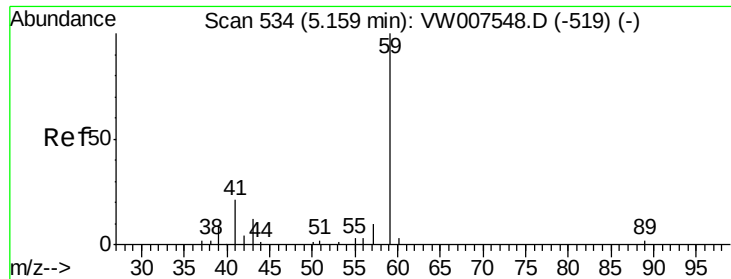
Delta R.T. 0.00 min

Lab File: VW007658.D

Acq: 18 Dec 2018 15:09

Tgt Ion:	142	Resp:	36286
Ion Ratio	Lower	Upper	
142	100		
127	47.2	35.8	53.6
141	15.2	11.1	16.7





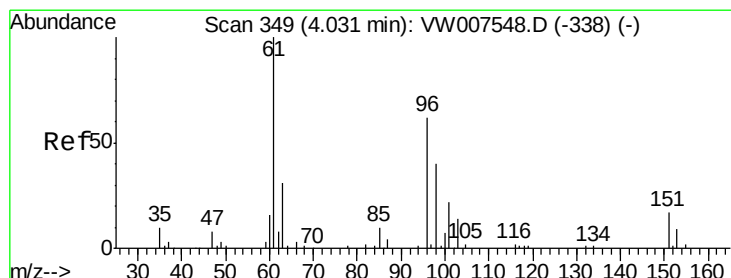
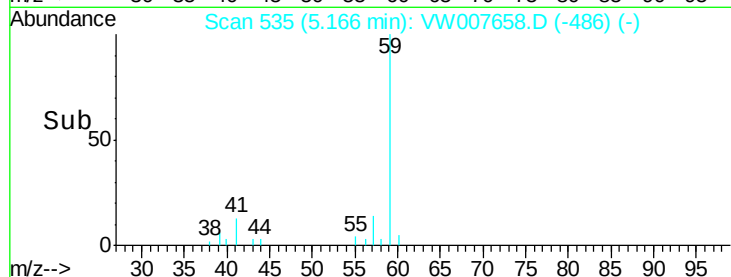
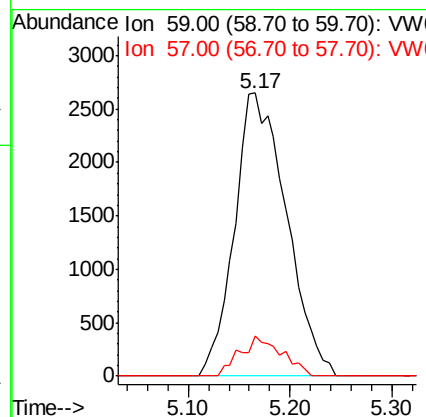
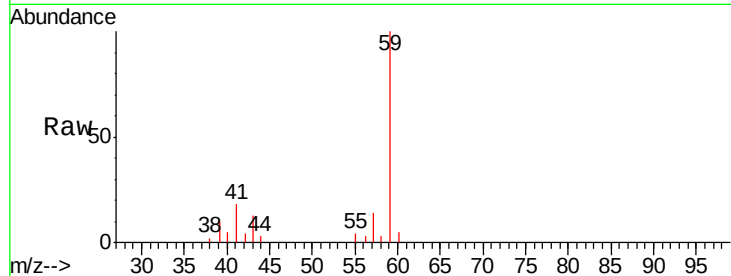
#11
Tert butyl alcohol
Concen: 361.511 ug/l
RT: 5.17 min Scan# 535
Delta R.T. 0.00 min
Lab File: VW007658.D
Acq: 18 Dec 2018 15:09

Instrument :
MSVOA_W
ClientSampleId :
P001-SS001-0002-01MSD

Tgt Ion: 59 Resp: 9349
Ion Ratio Lower Upper
59 100
57 11.3 7.6 11.4

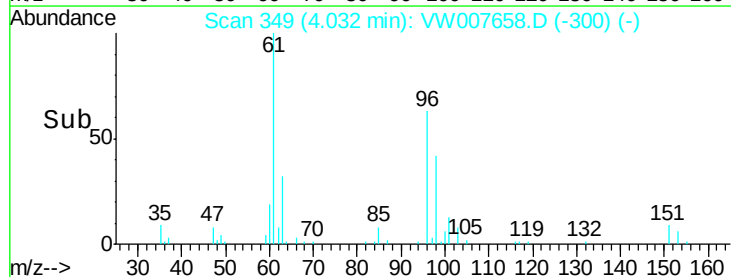
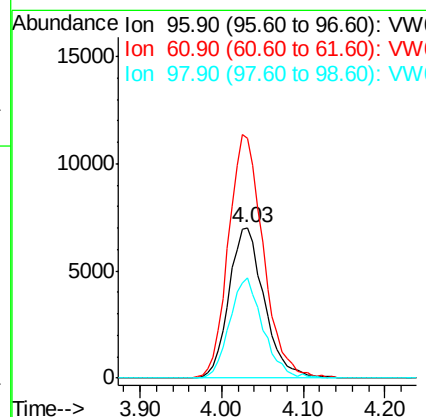
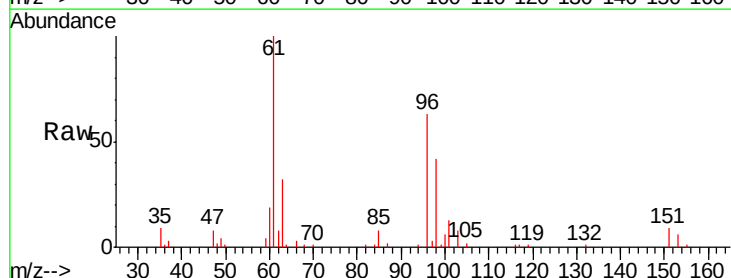
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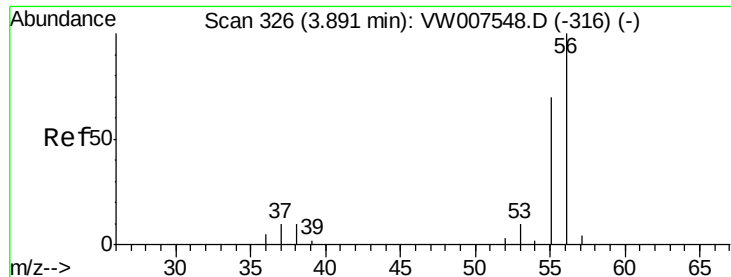
apatel
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#12
1,1-Dichloroethene
Concen: 62.895 ug/l
RT: 4.03 min Scan# 349
Delta R.T. 0.00 min
Lab File: VW007658.D
Acq: 18 Dec 2018 15:09

Tgt Ion: 96 Resp: 20941
Ion Ratio Lower Upper
96 100
61 159.1 126.2 189.2
98 66.3 48.3 72.5





#13

Acrolein

Concen: 190.919 ug/l

RT: 3.89 min Scan# 326

Delta R.T. 0.00 min

Lab File: VW007658.D

Acq: 18 Dec 2018 15:09

Instrument :

MSVOA_W

ClientSampleId :

P001-SS001-0002-01MSD

Tgt Ion: 56 Resp: 3267

Ion Ratio Lower Upper

56 100

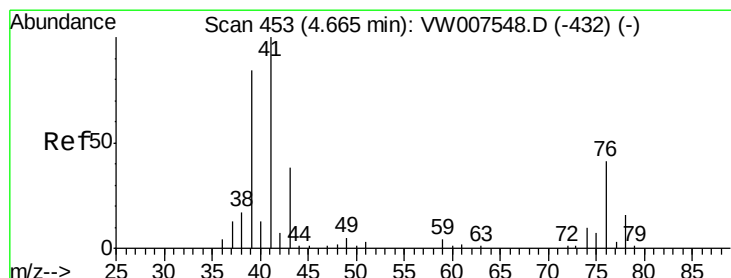
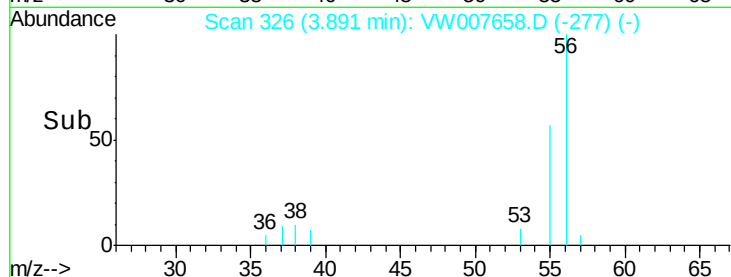
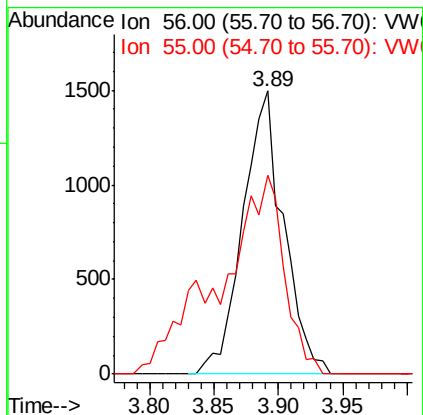
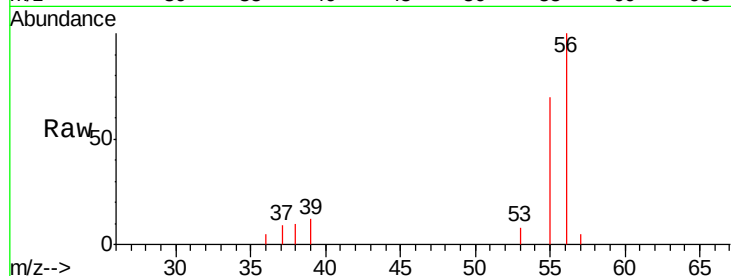
55 76.7 57.4 86.2

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#14

Allyl chloride

Concen: 59.764 ug/l

RT: 4.66 min Scan# 452

Delta R.T. 0.00 min

Lab File: VW007658.D

Acq: 18 Dec 2018 15:09

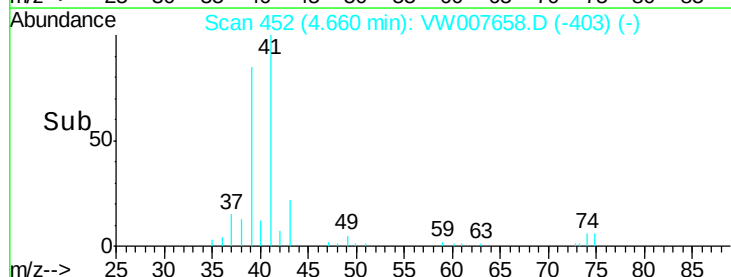
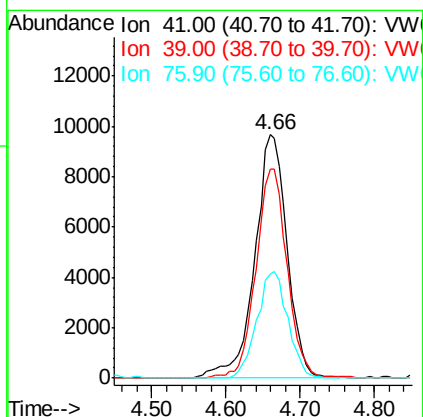
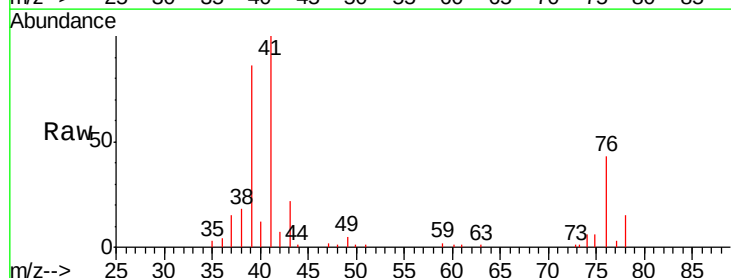
Tgt Ion: 41 Resp: 29331

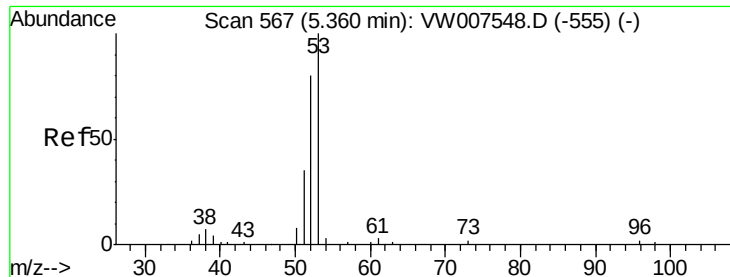
Ion Ratio Lower Upper

41 100

39 82.8 63.4 95.2

76 41.8 32.1 48.1





#15

Acrylonitrile

Concen: 323.041 ug/l

RT: 5.37 min Scan# 568

Delta R.T. 0.00 min

Lab File: VW007658.D

Acq: 18 Dec 2018 15:09

Instrument :

MSVOA_W

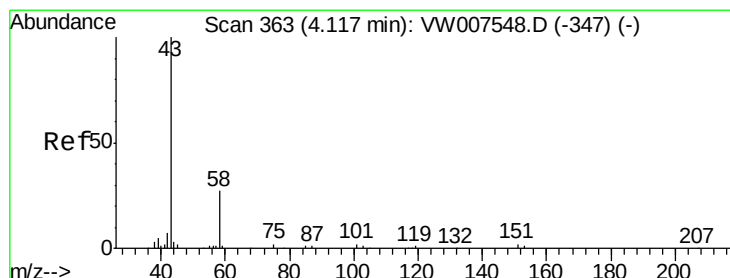
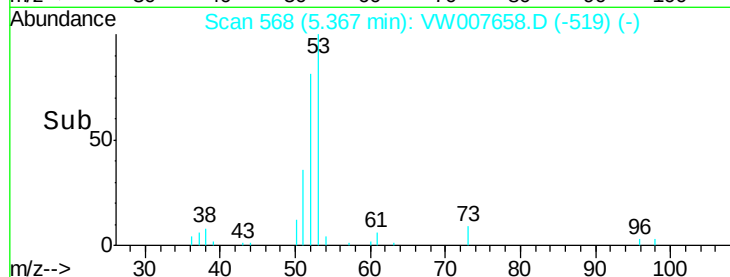
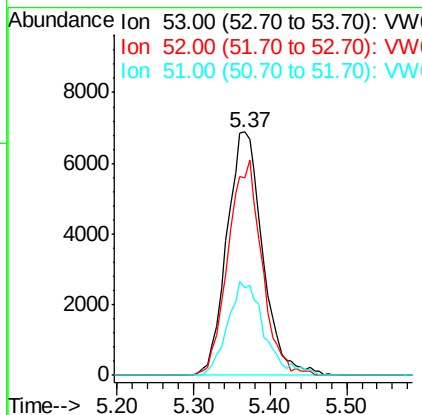
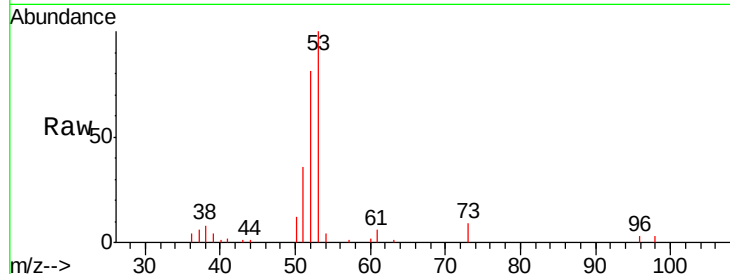
ClientSampleId :

P001-SS001-0002-01MSD

Tgt Ion:	53	Resp:	22338
Ion	Ratio	Lower	Upper
53	100		
52	83.3	67.4	101.2
51	37.1	30.2	45.2

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#16

Acetone

Concen: 462.432 ug/l

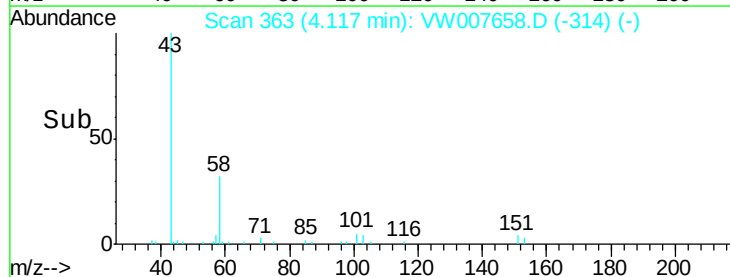
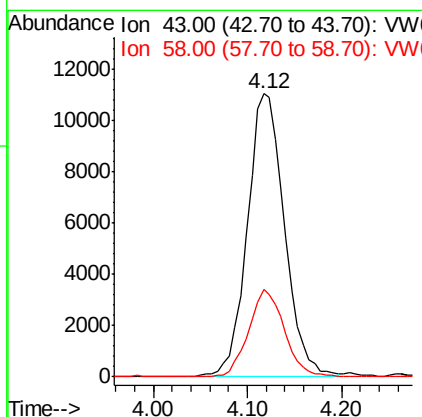
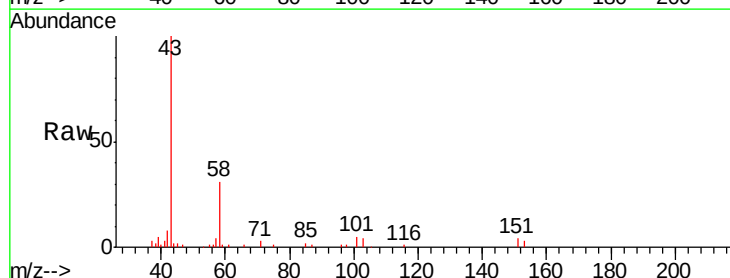
RT: 4.12 min Scan# 363

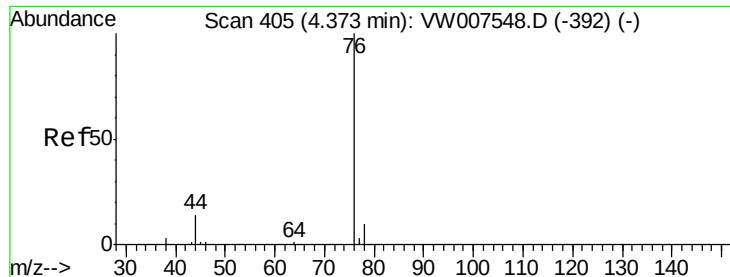
Delta R.T. 0.00 min

Lab File: VW007658.D

Acq: 18 Dec 2018 15:09

Tgt Ion:	43	Resp:	30415
Ion	Ratio	Lower	Upper
43	100		
58	30.9	24.9	37.3





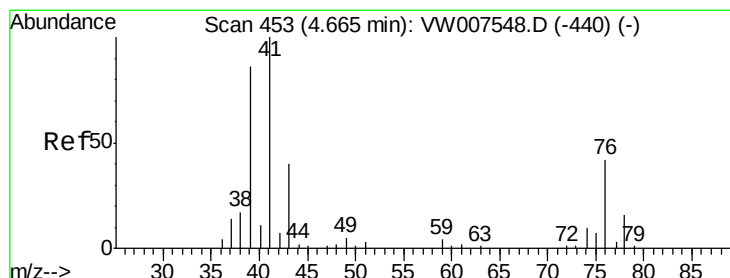
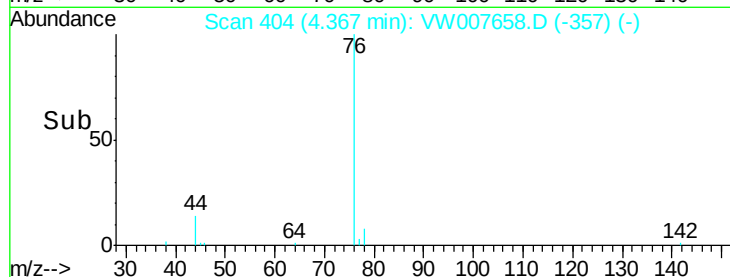
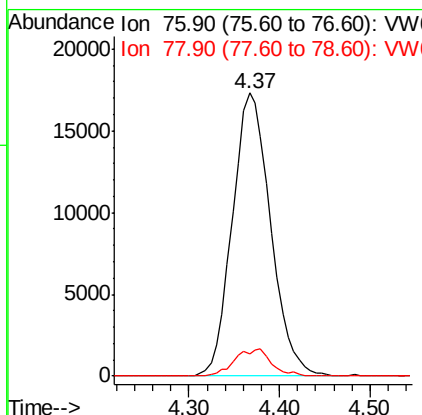
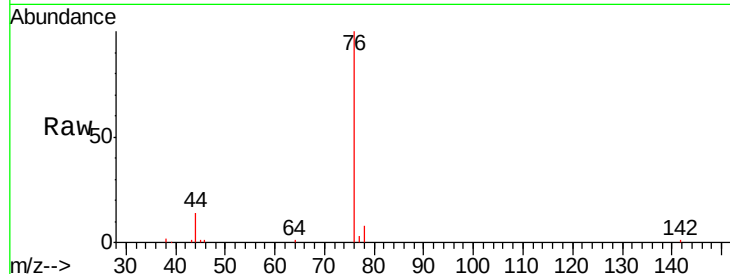
#17
Carbon Disulfide
Concen: 50.215 ug/l
RT: 4.37 min Scan# 404
Delta R.T. -0.01 min
Lab File: VW007658.D
Acq: 18 Dec 2018 15:09

Instrument :
MSVOA_W
ClientSampleId :
P001-SS001-0002-01MSD

Tgt Ion: 76 Resp: 50694
Ion Ratio Lower Upper
76 100
78 8.0 7.1 10.7

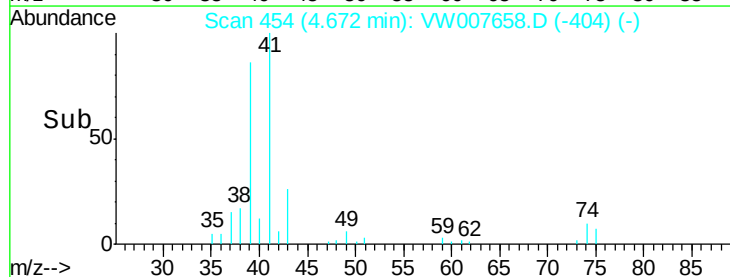
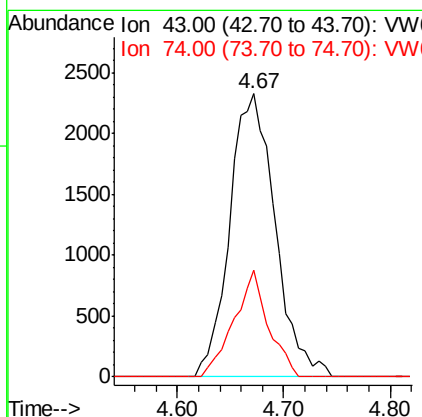
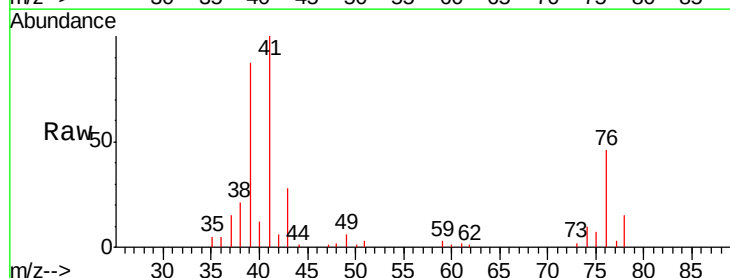
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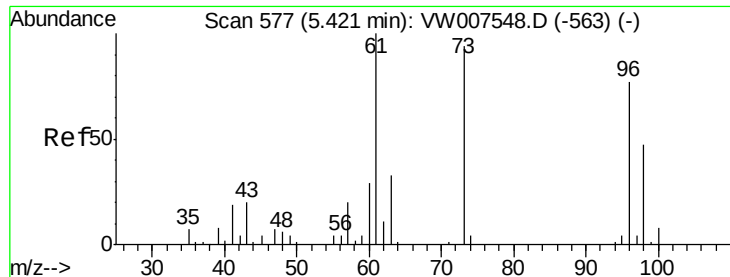
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#18
Methyl Acetate
Concen: 38.972 ug/l
RT: 4.67 min Scan# 454
Delta R.T. 0.01 min
Lab File: VW007658.D
Acq: 18 Dec 2018 15:09

Tgt Ion: 43 Resp: 6957
Ion Ratio Lower Upper
43 100
74 28.4 21.1 31.7





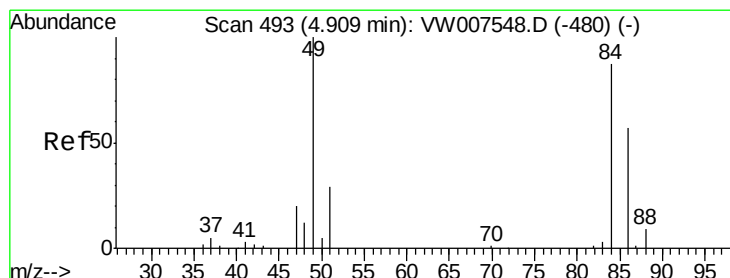
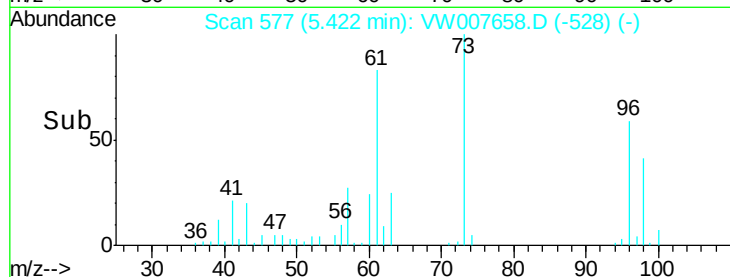
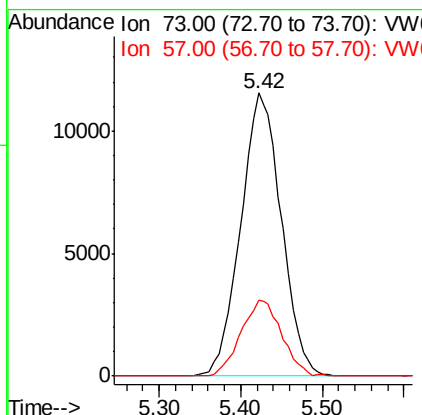
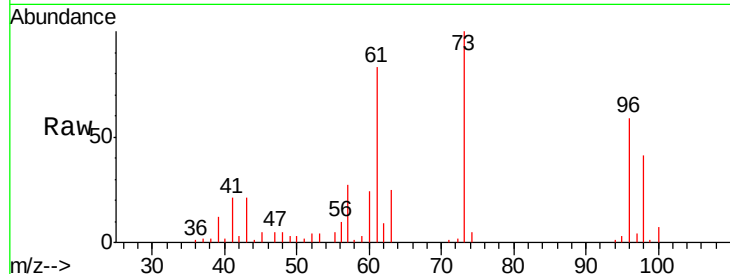
#19
Methyl tert-butyl Ether
Concen: 79.370 ug/l
RT: 5.42 min Scan# 577
Delta R.T. 0.00 min
Lab File: VW007658.D
Acq: 18 Dec 2018 15:09

Instrument :
MSVOA_W
ClientSampleId :
P001-SS001-0002-01MSD

Tgt Ion: 73 Resp: 39866
Ion Ratio Lower Upper
73 100
57 26.9 16.4 24.6#

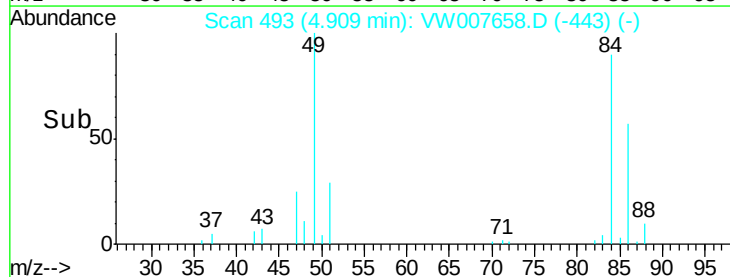
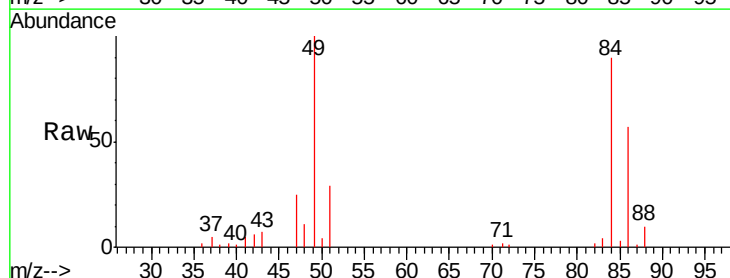
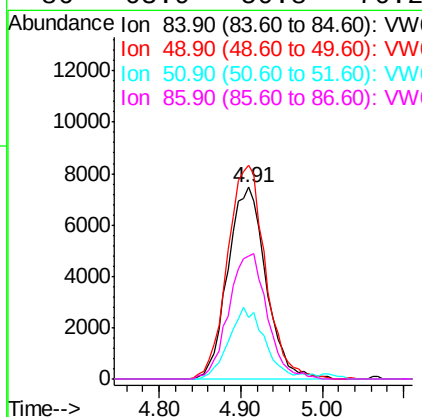
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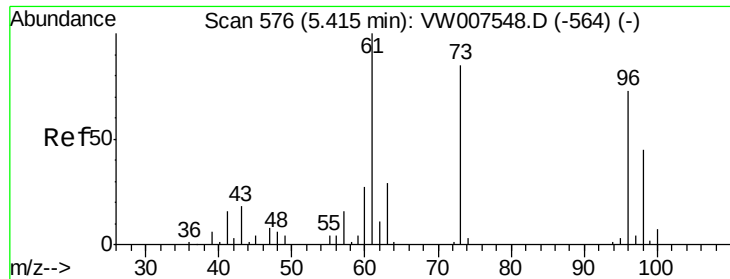
apatel
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#20
Methylene Chloride
Concen: 68.668 ug/l
RT: 4.91 min Scan# 493
Delta R.T. 0.01 min
Lab File: VW007658.D
Acq: 18 Dec 2018 15:09

Tgt Ion: 84 Resp: 24172
Ion Ratio Lower Upper
84 100
49 111.5 87.1 130.7
51 31.9 28.2 42.2
86 63.9 50.8 76.2





#21

trans-1,2-Dichloroethene

Concen: 57.574 ug/l

RT: 5.42 min Scan# 576

Delta R.T. 0.00 min

Lab File: VW007658.D

Acq: 18 Dec 2018 15:09

Instrument :

MSVOA_W

ClientSampleId :

P001-SS001-0002-01MSD

Tgt Ion: 96 Resp: 21444

Ion Ratio Lower Upper

96 100

61 124.3 105.0 157.6

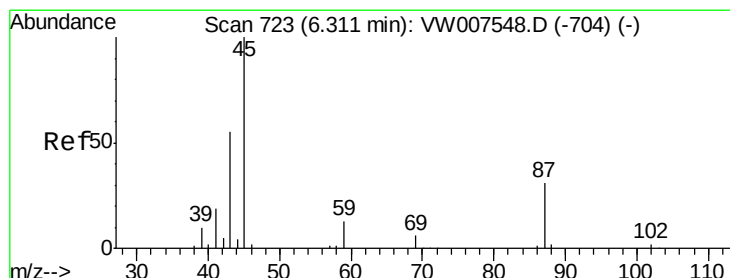
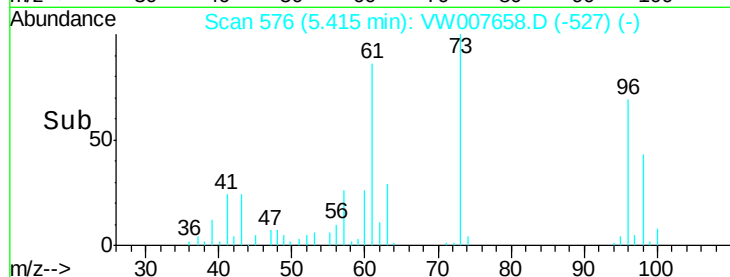
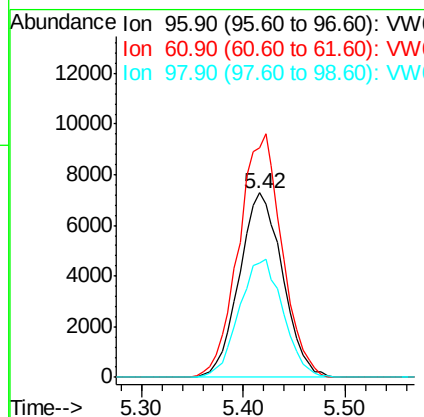
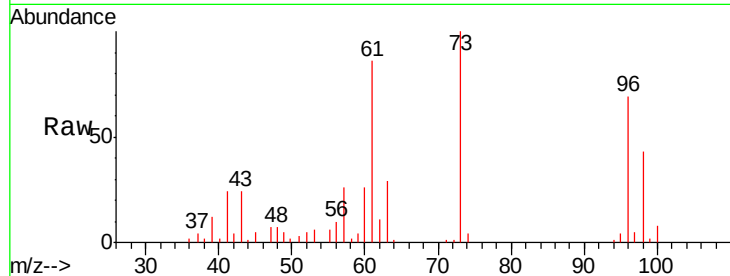
98 62.0 49.7 74.5

Manual Integrations

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#22

Diisopropyl ether

Concen: 62.166 ug/l

RT: 6.31 min Scan# 723

Delta R.T. 0.00 min

Lab File: VW007658.D

Acq: 18 Dec 2018 15:09

Tgt Ion: 45 Resp: 58644

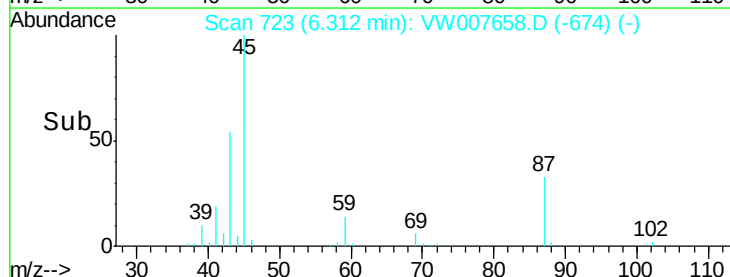
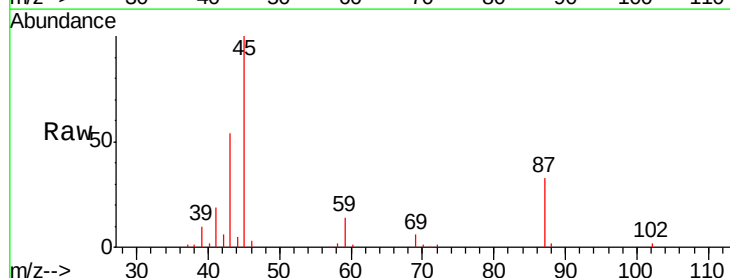
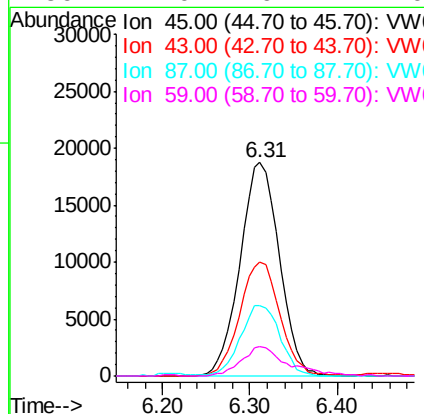
Ion Ratio Lower Upper

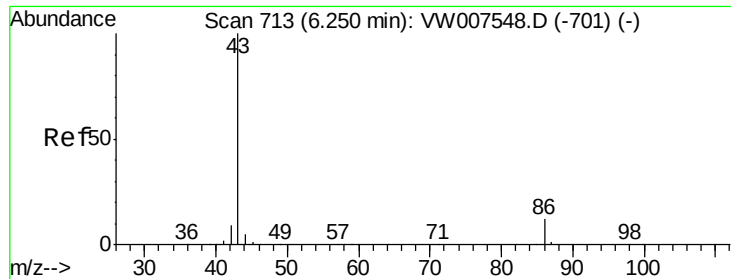
45 100

43 53.6 41.6 62.4

87 33.0 24.3 36.5

59 14.0 9.4 14.0





#23

Vinyl Acetate

Concen: 60.818 ug/l

RT: 6.31 min Scan# 723

Delta R.T. 0.06 min

Lab File: VW007658.D

Acq: 18 Dec 2018 15:09

Instrument :

MSVOA_W

ClientSampleId :

P001-SS001-0002-01MSD

Tgt Ion: 43 Resp: 32090

Ion Ratio Lower Upper

43 100

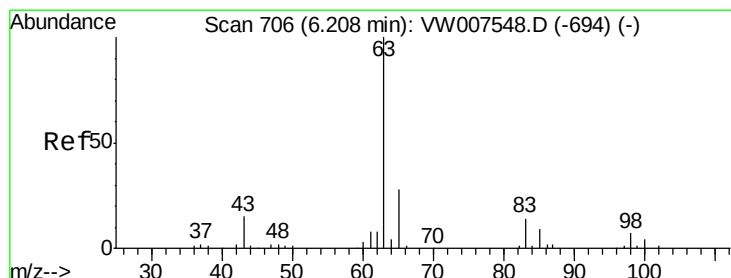
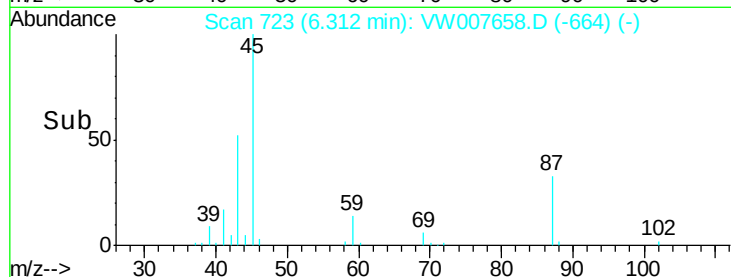
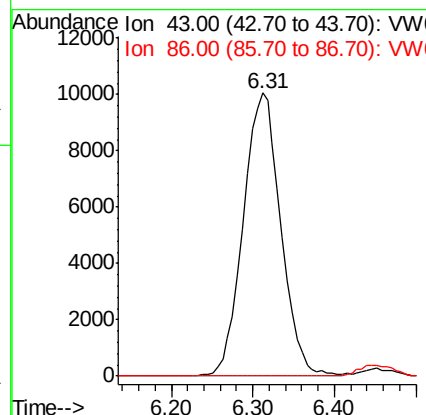
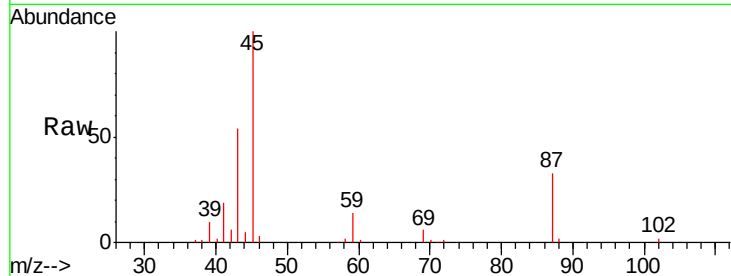
86 0.0 8.6 12.8#

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#24

1,1-Dichloroethane

Concen: 63.152 ug/l

RT: 6.21 min Scan# 707

Delta R.T. 0.00 min

Lab File: VW007658.D

Acq: 18 Dec 2018 15:09

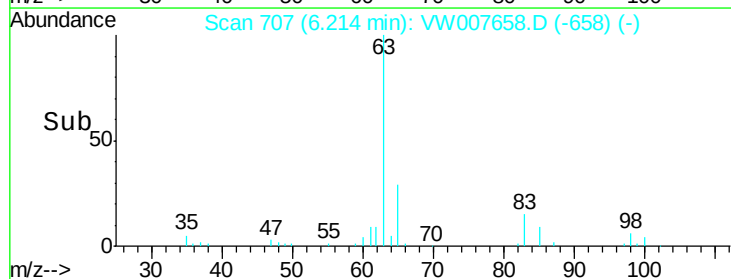
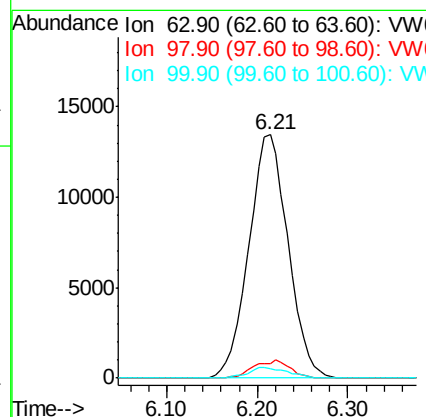
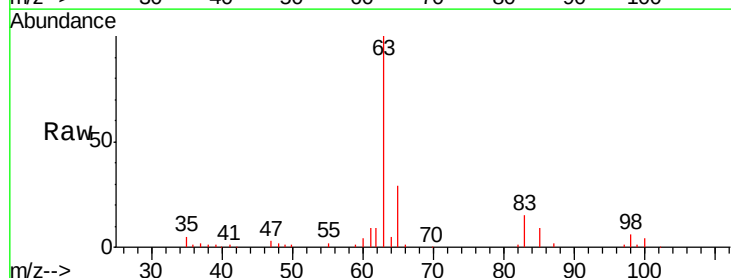
Tgt Ion: 63 Resp: 40264

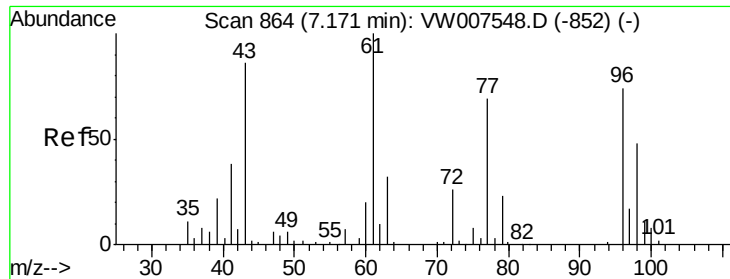
Ion Ratio Lower Upper

63 100

98 6.0 3.5 10.4

100 3.8 2.5 7.5





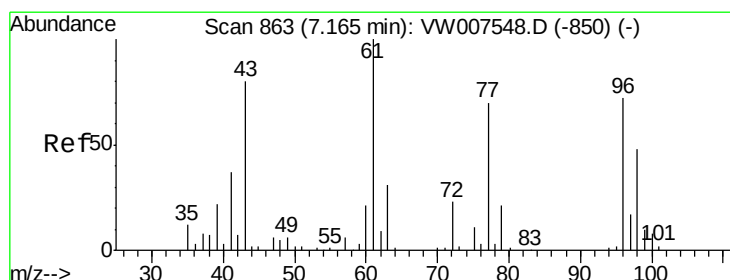
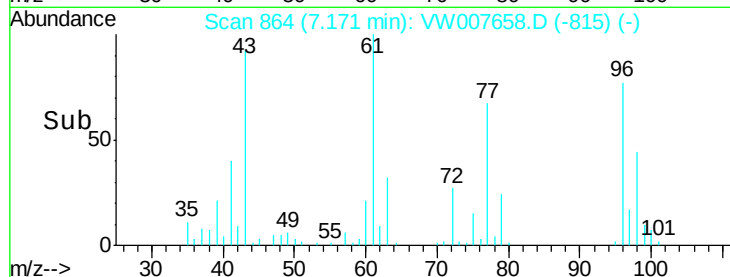
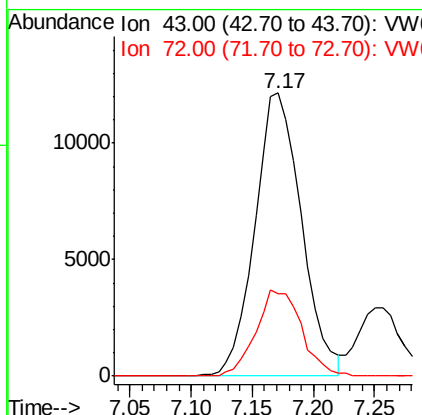
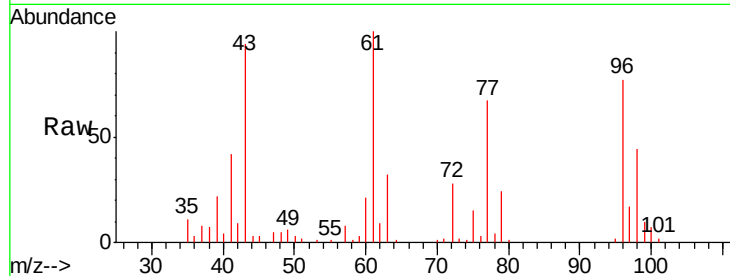
#25
2-Butanone
Concen: 375.588 ug/l
RT: 7.17 min Scan# 864
Delta R.T. 0.00 min
Lab File: VW007658.D
Acq: 18 Dec 2018 15:09

Instrument :
MSVOA_W
ClientSampleId :
P001-SS001-0002-01MSD

Tgt Ion: 43 Resp: 32250
Ion Ratio Lower Upper
43 100
72 29.2 23.4 35.2

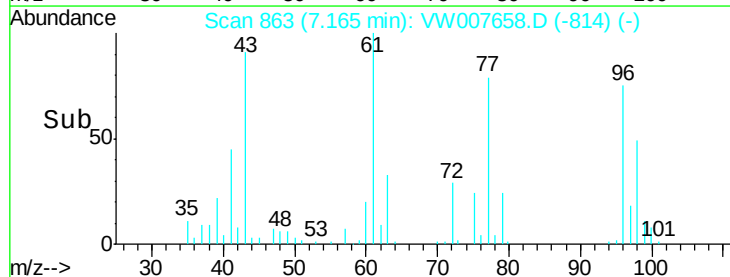
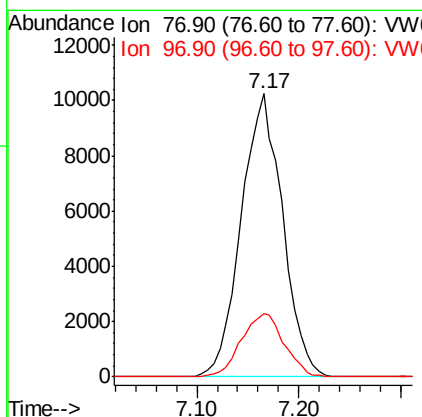
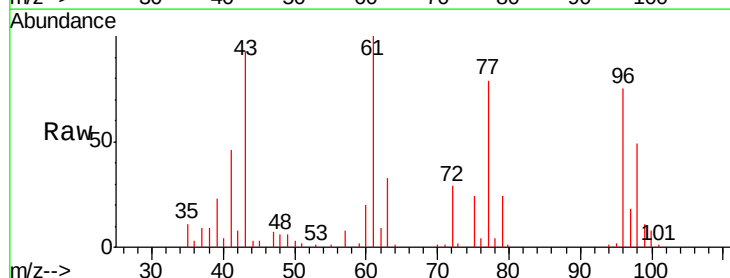
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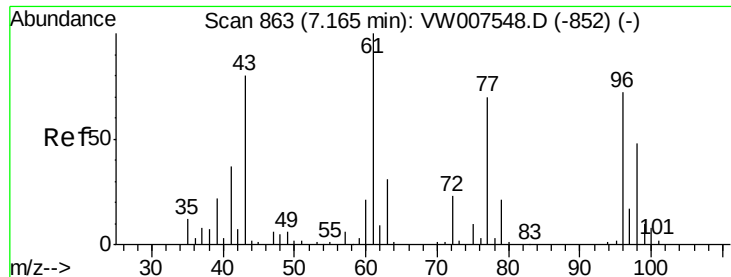
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#26
2,2-Dichloropropane
Concen: 68.135 ug/l
RT: 7.17 min Scan# 863
Delta R.T. 0.00 min
Lab File: VW007658.D
Acq: 18 Dec 2018 15:09

Tgt Ion: 77 Resp: 28750
Ion Ratio Lower Upper
77 100
97 23.2 11.6 34.8





#27

cis-1,2-Dichloroethene

Concen: 62.806 ug/l

RT: 7.17 min Scan# 864

Delta R.T. 0.01 min

Lab File: VW007658.D

Acq: 18 Dec 2018 15:09

Instrument :

MSVOA_W

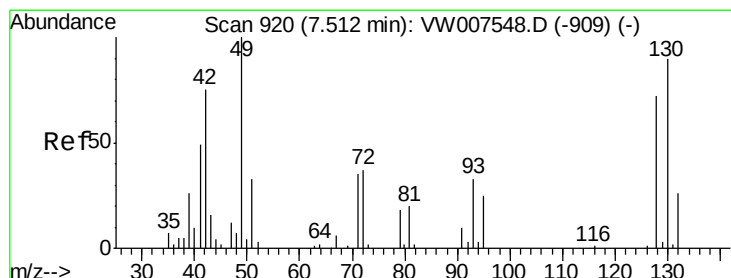
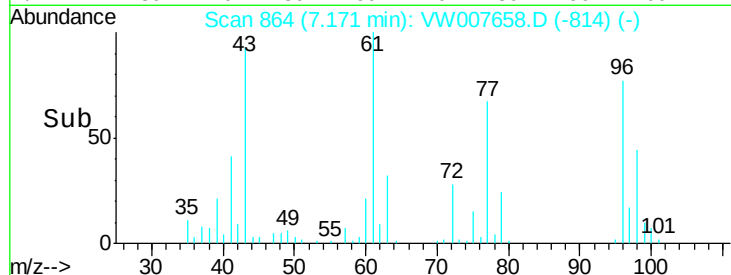
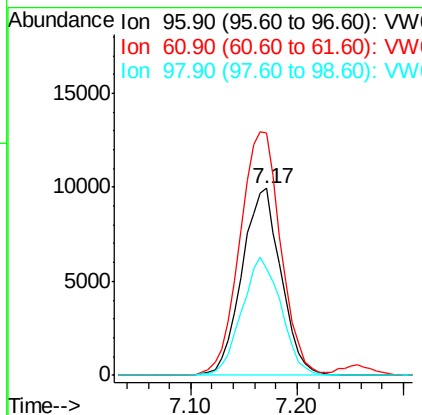
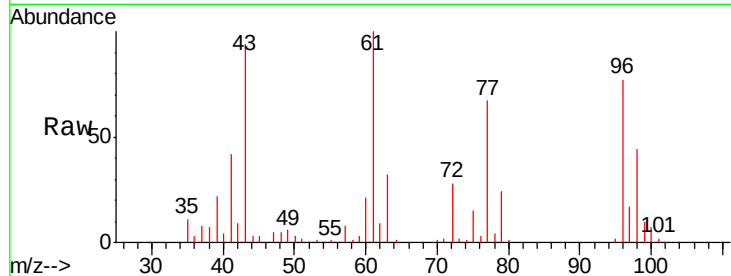
ClientSampleId :

P001-SS001-0002-01MSD

Tgt Ion:	96	Resp:	25614
Ion	Ratio	Lower	Upper
96	100		
61	136.5	0.0	268.4
98	63.5	0.0	127.8

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#28

Bromochloromethane

Concen: 59.800 ug/l

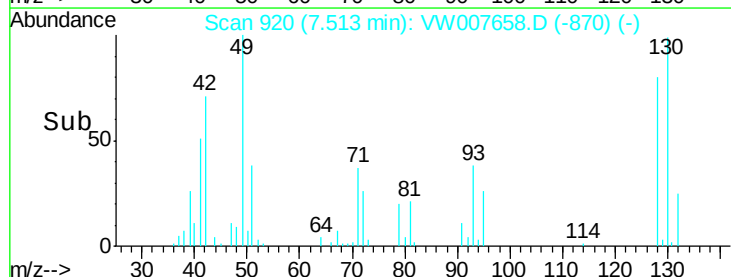
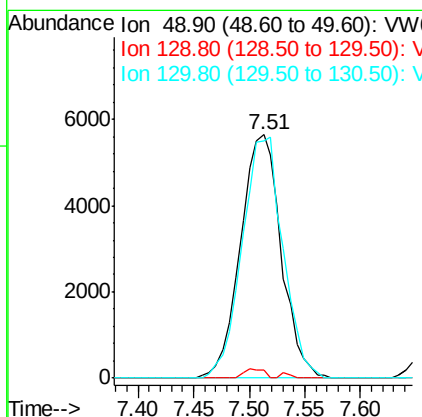
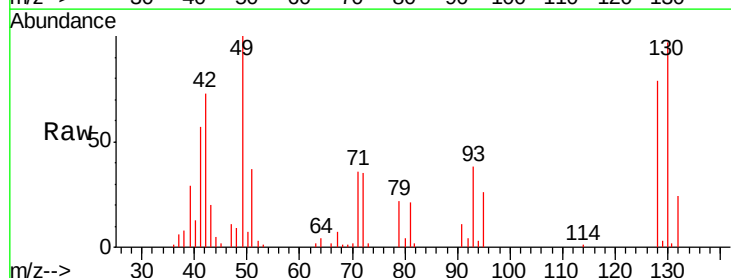
RT: 7.51 min Scan# 920

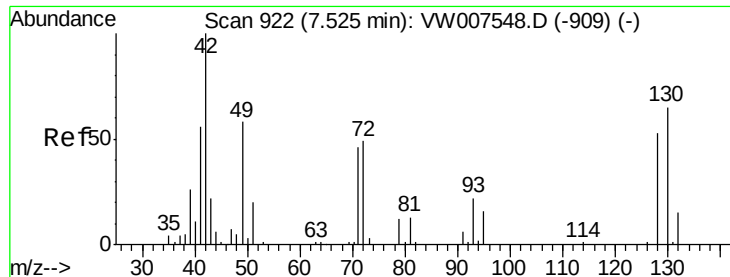
Delta R.T. 0.01 min

Lab File: VW007658.D

Acq: 18 Dec 2018 15:09

Tgt Ion:	49	Resp:	14341
Ion	Ratio	Lower	Upper
49	100		
129	1.8	0.0	2.6
130	99.3	75.9	113.9





#29

Tetrahydrofuran

Concen: 321.422 ug/l

RT: 7.53 min Scan# 923

Delta R.T. 0.00 min

Lab File: VW007658.D

Acq: 18 Dec 2018 15:09

Instrument :

MSVOA_W

ClientSampleId :

P001-SS001-0002-01MSD

Tgt Ion: 42 Resp: 17472

Ion Ratio Lower Upper

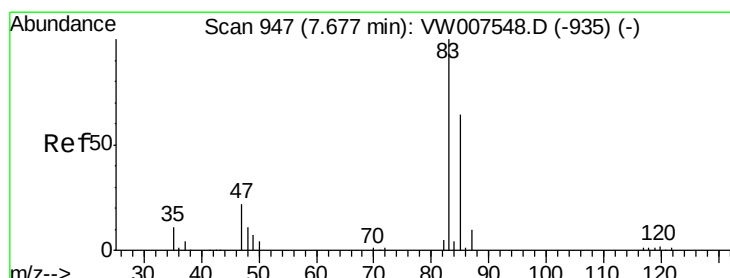
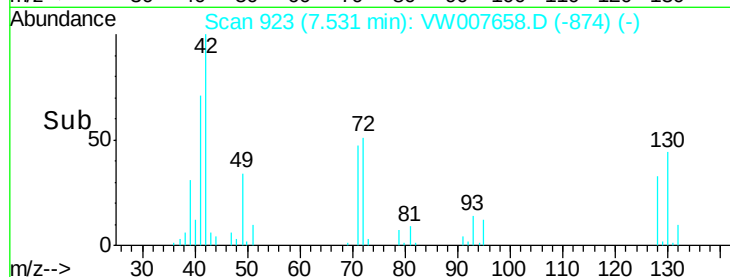
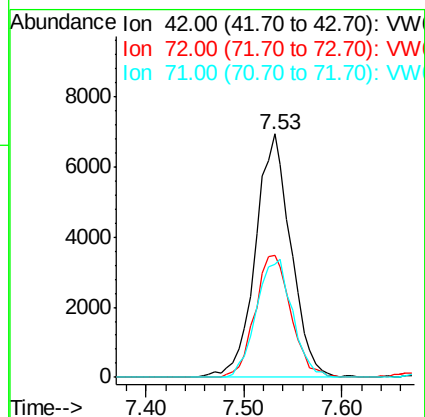
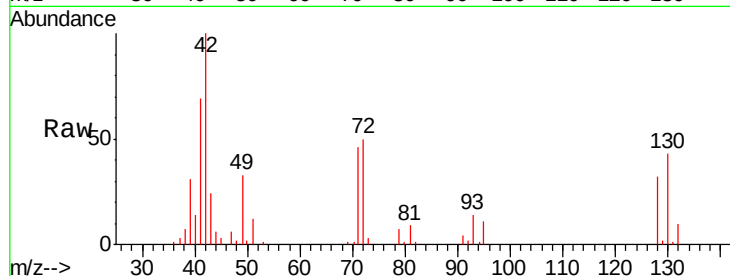
42 100

72 50.6 38.2 57.4

71 49.3 35.5 53.3

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#30

Chloroform

Concen: 64.408 ug/l

RT: 7.68 min Scan# 947

Delta R.T. 0.01 min

Lab File: VW007658.D

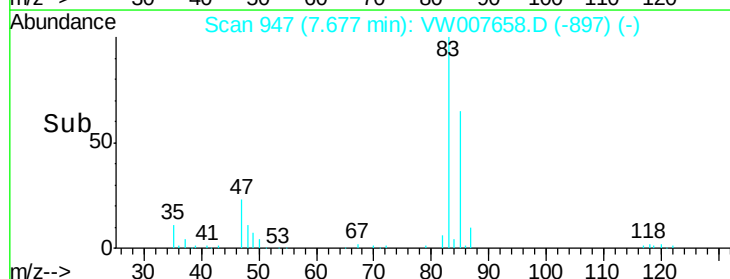
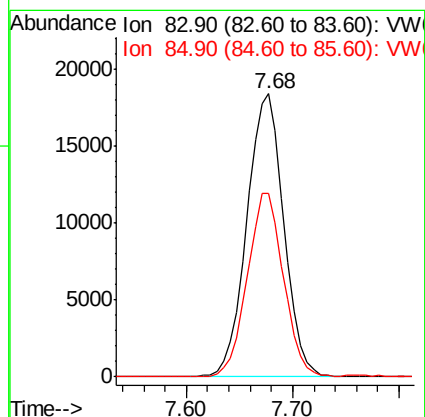
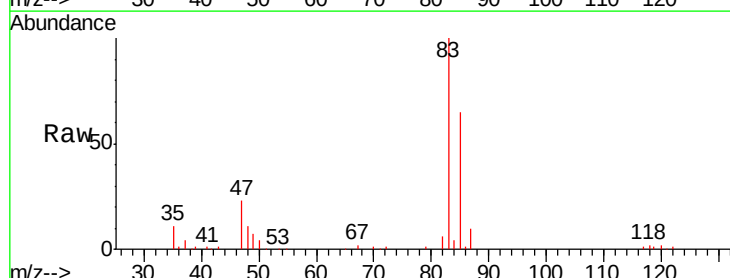
Acq: 18 Dec 2018 15:09

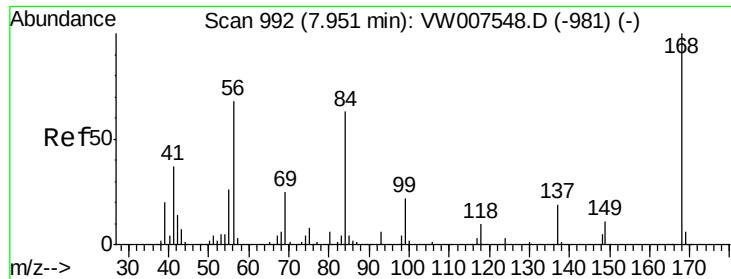
Tgt Ion: 83 Resp: 44688

Ion Ratio Lower Upper

83 100

85 64.8 51.8 77.8





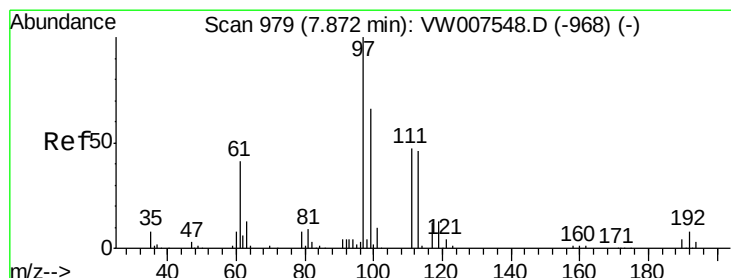
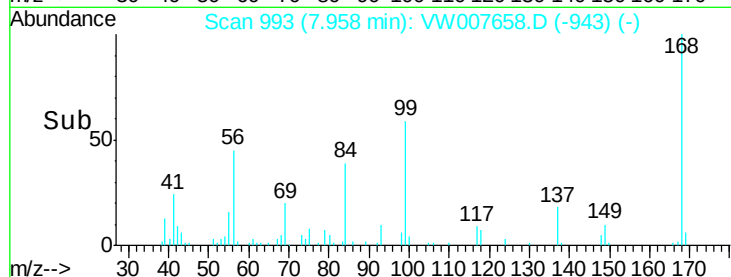
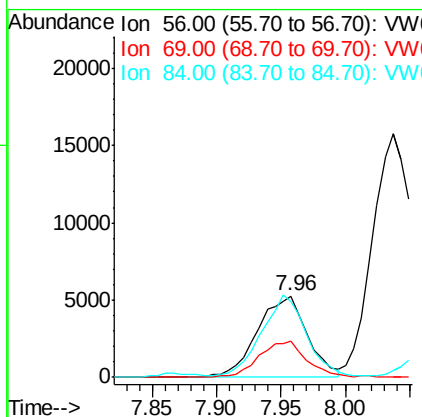
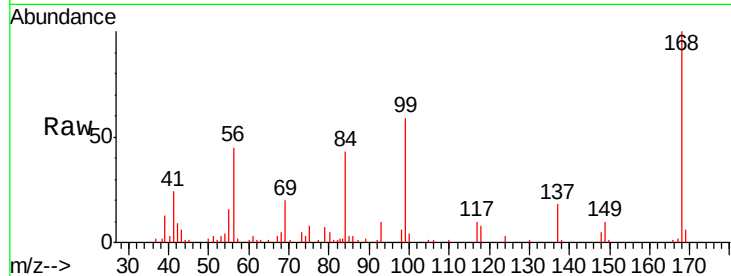
#31
Cyclohexane
Concen: 24.111 ug/l
RT: 7.96 min Scan# 993
Delta R.T. 0.01 min
Lab File: VW007658.D
Acq: 18 Dec 2018 15:09

Instrument :
MSVOA_W
ClientSampleId :
P001-SS001-0002-01MSD

Tgt Ion: 56 Resp: 14104
Ion Ratio Lower Upper
56 100
69 45.0 28.9 43.3#
84 90.0 71.8 107.6

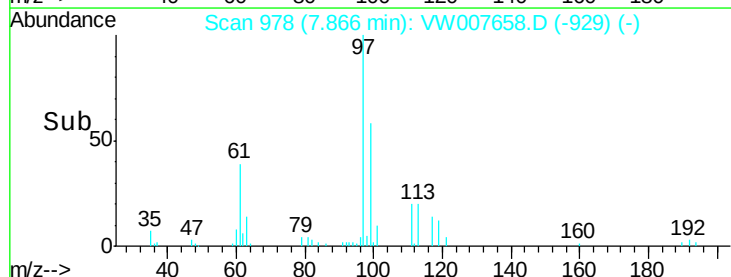
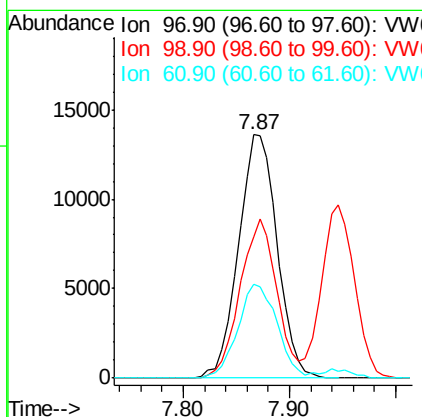
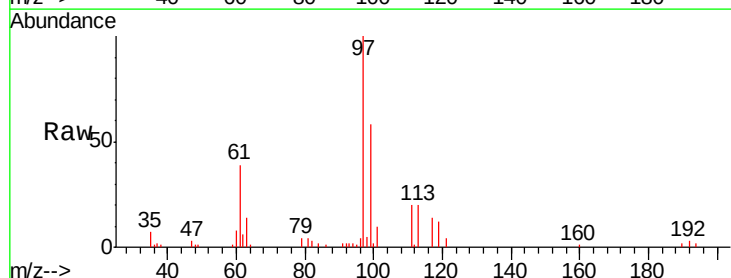
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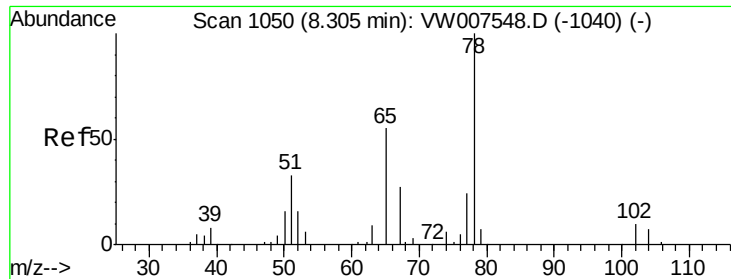
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#32
1,1,1-Trichloroethane
Concen: 56.868 ug/l
RT: 7.87 min Scan# 978
Delta R.T. 0.00 min
Lab File: VW007658.D
Acq: 18 Dec 2018 15:09

Tgt Ion: 97 Resp: 34601
Ion Ratio Lower Upper
97 100
99 62.3 51.1 76.7
61 39.5 33.2 49.8





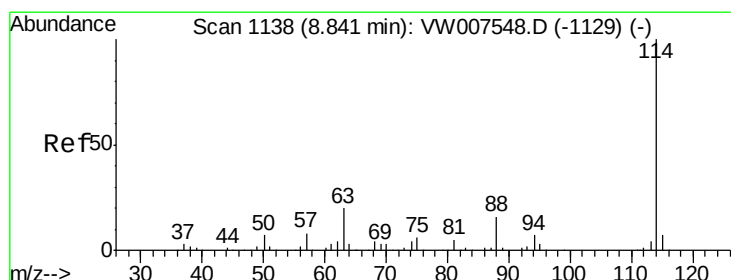
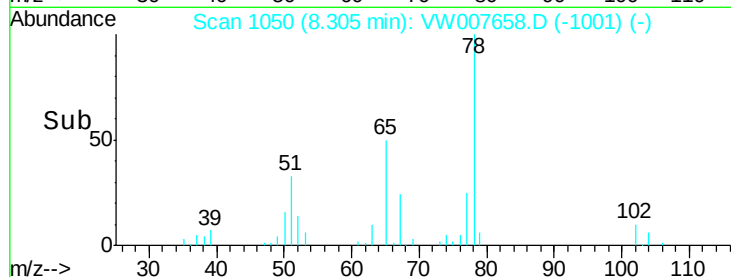
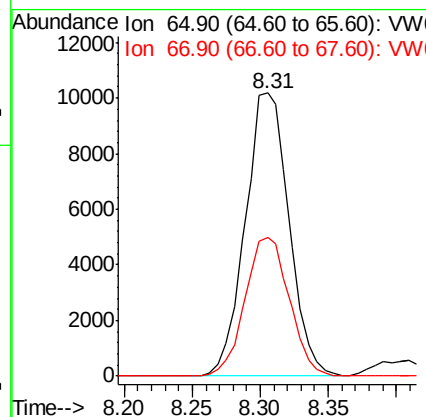
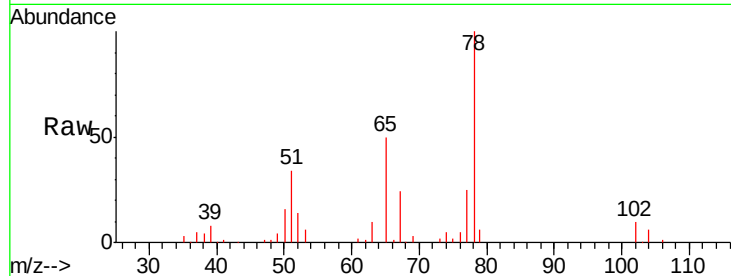
#33
 1,2-Dichloroethane-d4
 Concen: 60.877 ug/l
 RT: 8.31 min Scan# 1050
 Delta R.T. 0.00 min
 Lab File: VW007658.D
 Acq: 18 Dec 2018 15:09

Instrument :
 MSVOA_W
 ClientSampleId :
 P001-SS001-0002-01MSD

Tgt Ion: 65 Resp: 22923
 Ion Ratio Lower Upper
 65 100
 67 49.5 0.0 101.6

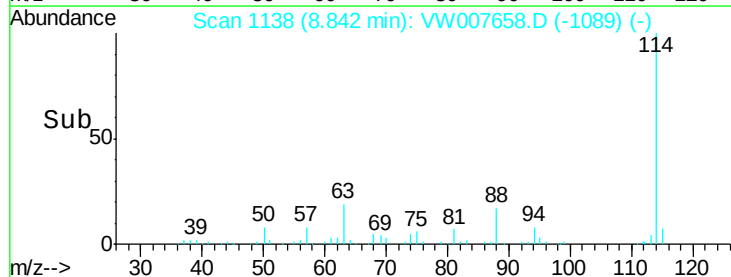
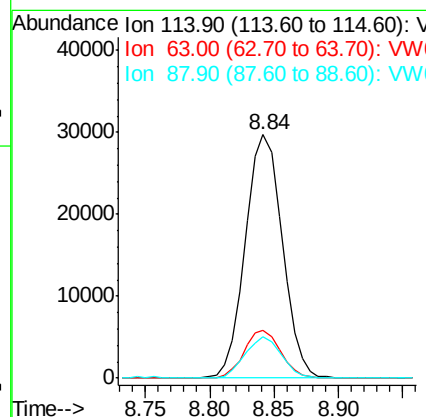
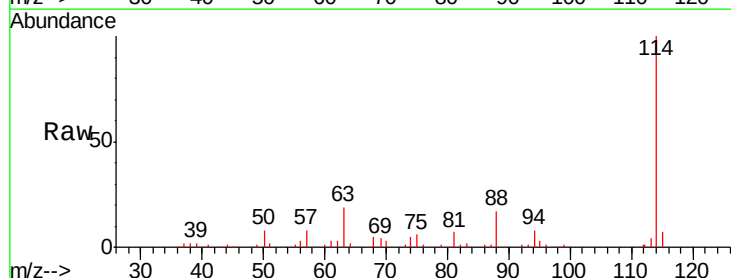
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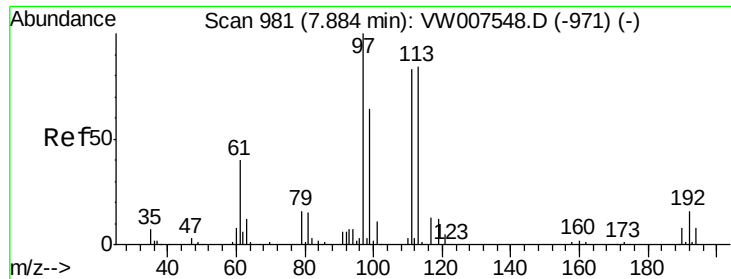
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. 0.00 min
 Lab File: VW007658.D
 Acq: 18 Dec 2018 15:09

Tgt Ion: 114 Resp: 59087
 Ion Ratio Lower Upper
 114 100
 63 19.5 0.0 39.6
 88 16.9 0.0 31.4





#35

Dibromofluoromethane

Concen: 31.559 ug/l

RT: 7.88 min Scan# 981

Delta R.T. 0.00 min

Lab File: VW007658.D

Acq: 18 Dec 2018 15:09

Instrument :

MSVOA_W

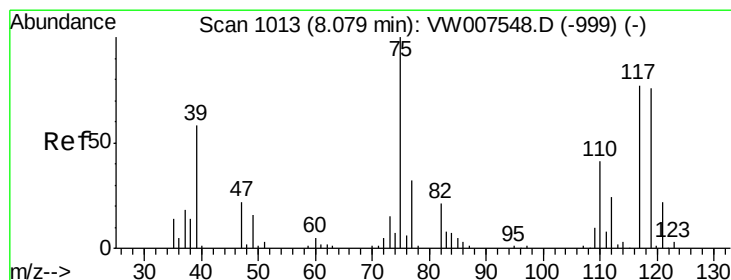
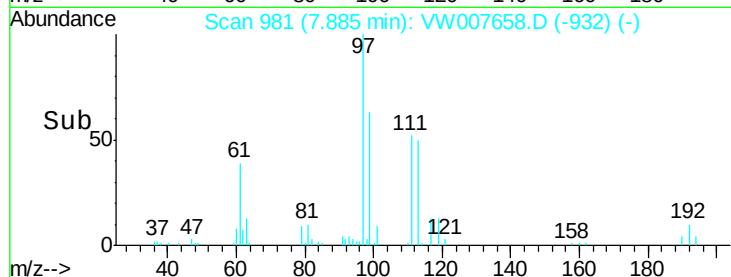
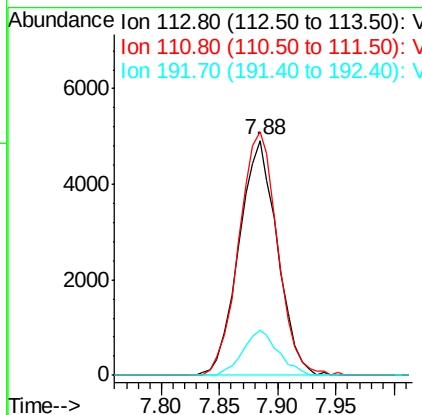
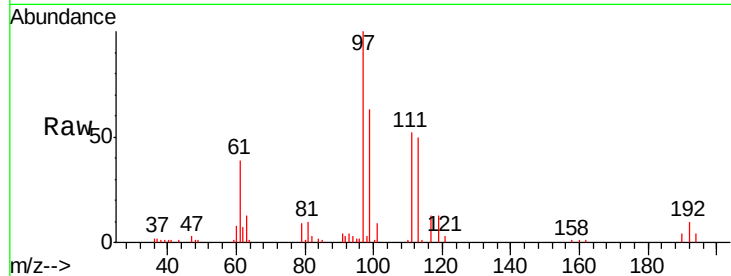
ClientSampleId :

P001-SS001-0002-01MSD

Tgt Ion	Ratio	Resp	Lower	Upper
113	100	11288		
111	104.3	81.1	121.7	
192	17.6	14.6	21.8	

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#36

1,1-Dichloropropene

Concen: 44.057 ug/l

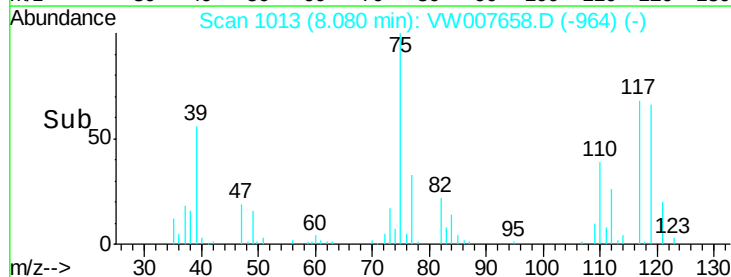
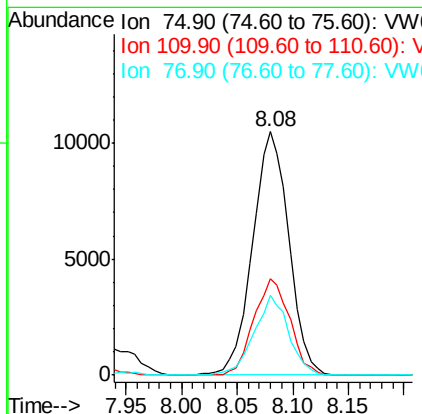
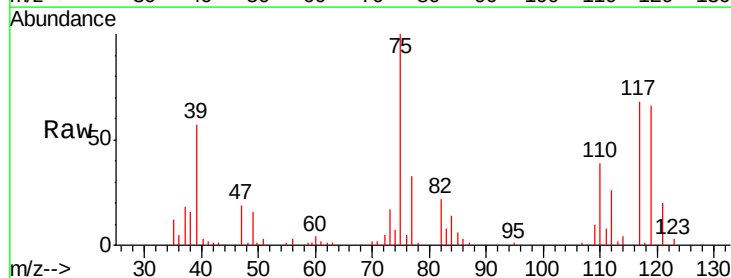
RT: 8.08 min Scan# 1013

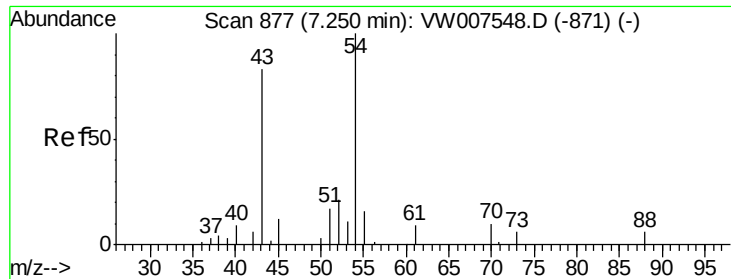
Delta R.T. 0.00 min

Lab File: VW007658.D

Acq: 18 Dec 2018 15:09

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	23747		
110	39.3	18.5	55.5	
77	31.1	25.6	38.4	





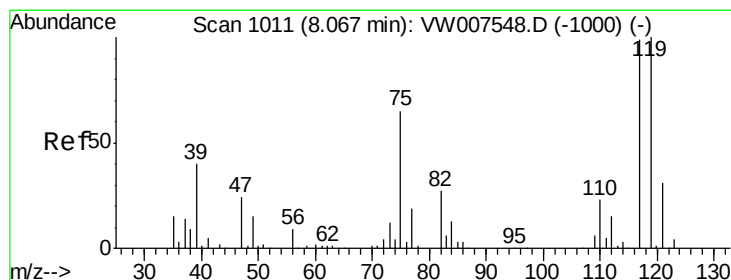
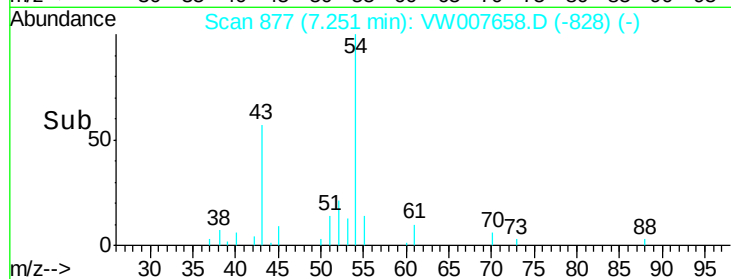
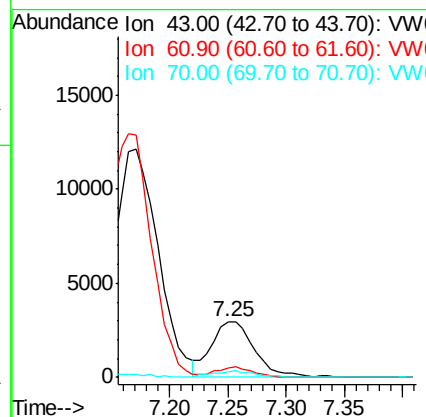
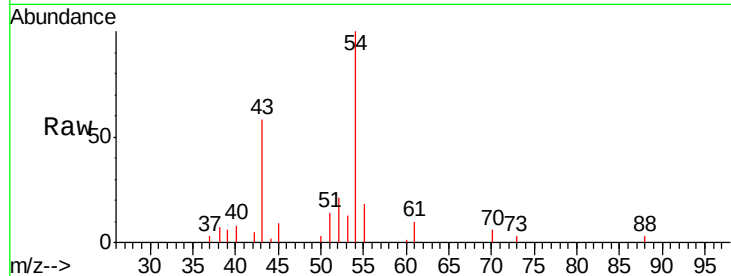
#37
Ethyl Acetate
Concen: 37.984 ug/l
RT: 7.25 min Scan# 877
Delta R.T. 0.00 min
Lab File: VW007658.D
Acq: 18 Dec 2018 15:09

Instrument :
MSVOA_W
ClientSampleId :
P001-SS001-0002-01MSD

Tgt Ion	Ratio	Lower	Upper
43	100		
61	15.3	12.1	18.1
70	11.8	10.0	15.0

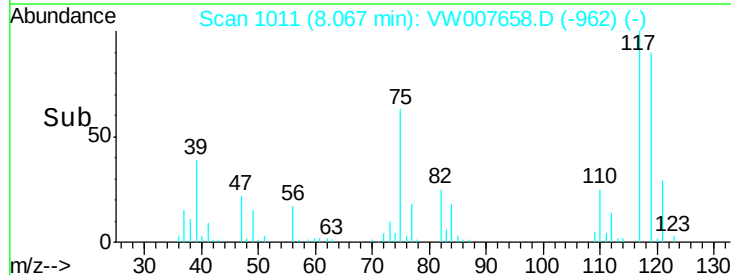
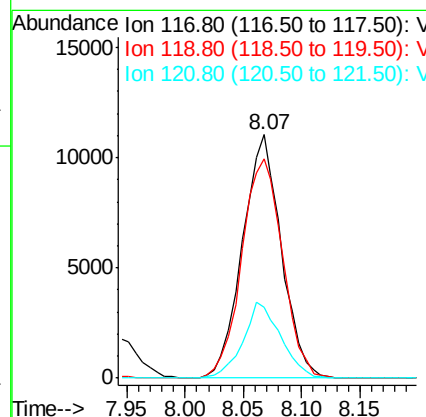
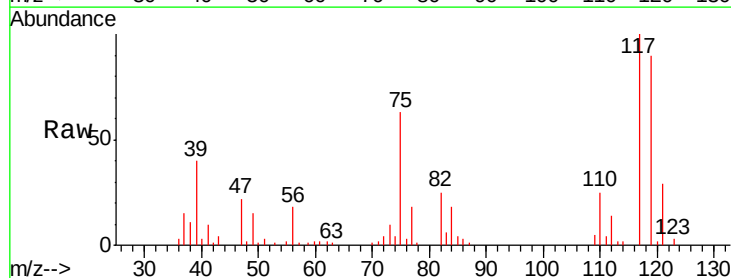
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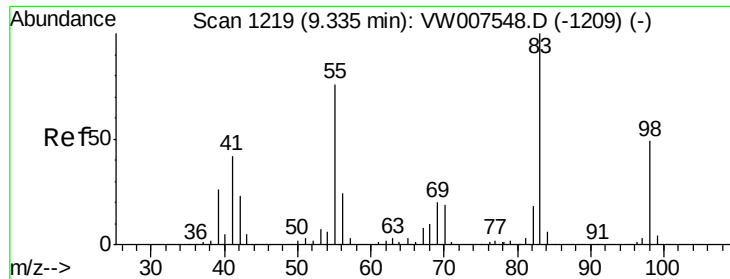
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#38
Carbon Tetrachloride
Concen: 43.718 ug/l
RT: 8.07 min Scan# 1011
Delta R.T. 0.00 min
Lab File: VW007658.D
Acq: 18 Dec 2018 15:09

Tgt Ion	Ratio	Lower	Upper
117	100		
119	89.9	74.3	111.5
121	29.1	24.3	36.5





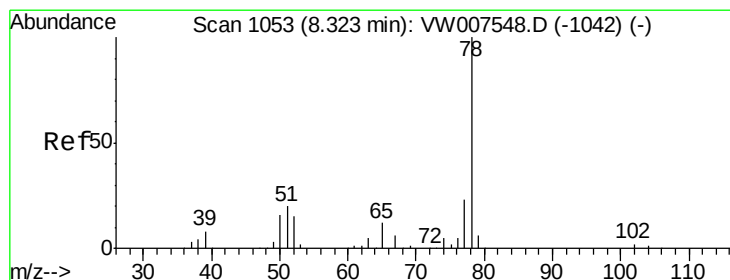
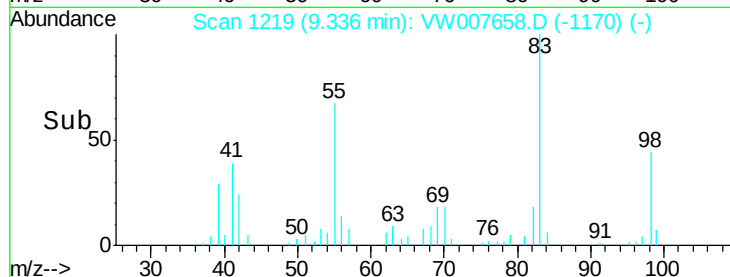
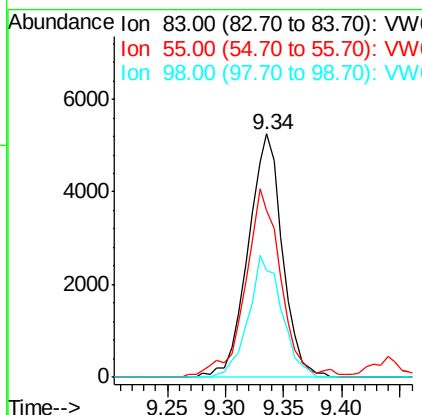
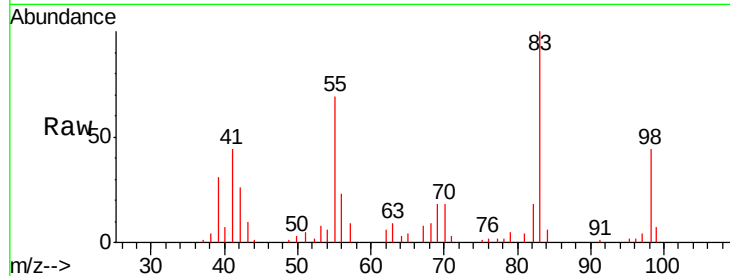
#39
Methylcyclohexane
Concen: 16.496 ug/l
RT: 9.34 min Scan# 1219
Delta R.T. 0.00 min
Lab File: VW007658.D
Acq: 18 Dec 2018 15:09

Instrument :
MSVOA_W
ClientSampleId :
P001-SS001-0002-01MSD

Tgt Ion	Ratio	Lower	Upper
83	100		
55	67.6	62.8	94.2
98	43.7	42.2	63.2

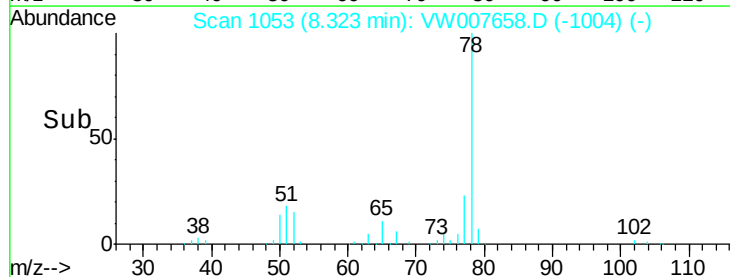
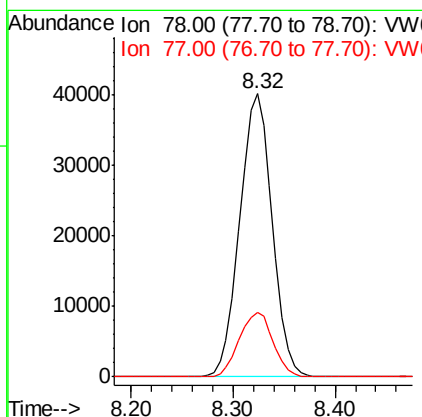
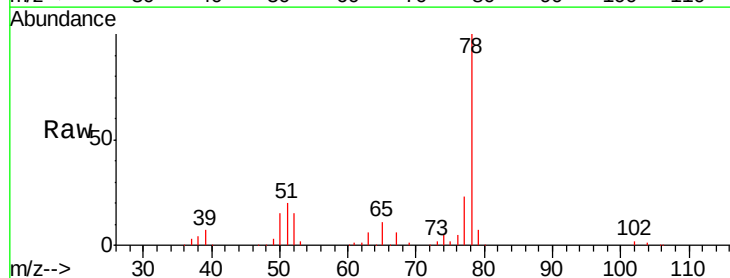
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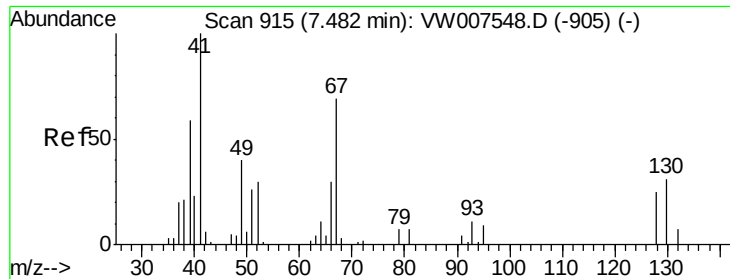
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#40
Benzene
Concen: 59.225 ug/l
RT: 8.32 min Scan# 1053
Delta R.T. 0.00 min
Lab File: VW007658.D
Acq: 18 Dec 2018 15:09

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.0	18.8	28.2





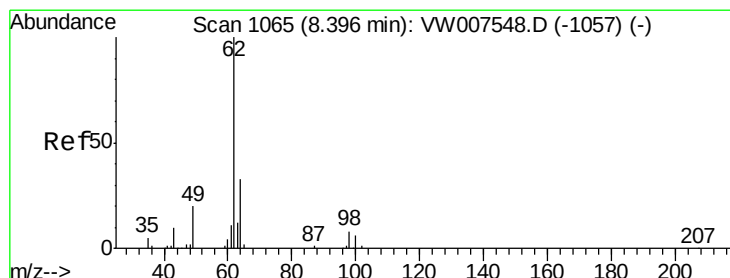
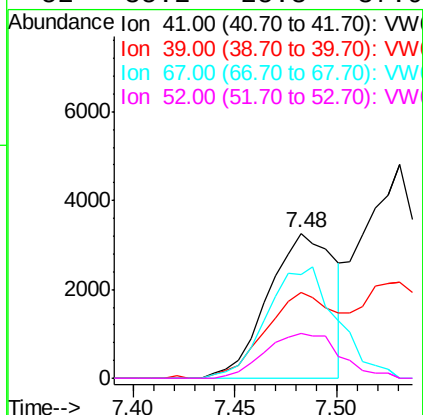
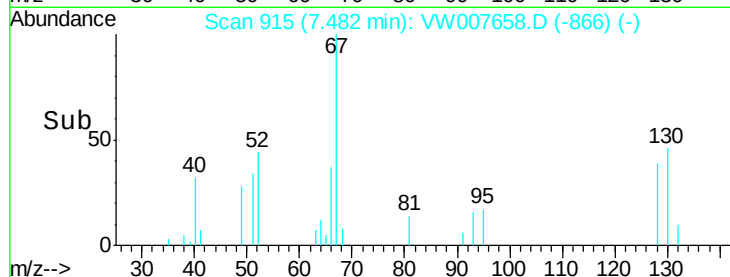
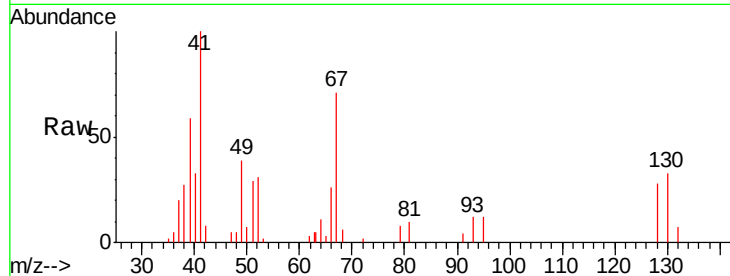
#41
Methacrylonitrile
Concen: 64.986 ug/l
RT: 7.48 min Scan# 915
Delta R.T. 0.00 min
Lab File: VW007658.D
Acq: 18 Dec 2018 15:09

Instrument :
MSVOA_W
ClientSampleId :
P001-SS001-0002-01MSD

Tgt Ion:	41	Resp:	7419
Ion	Ratio	Lower	Upper
41	100		
39	60.1	52.2	78.2
67	80.8	60.5	90.7
52	35.2	25.3	37.9

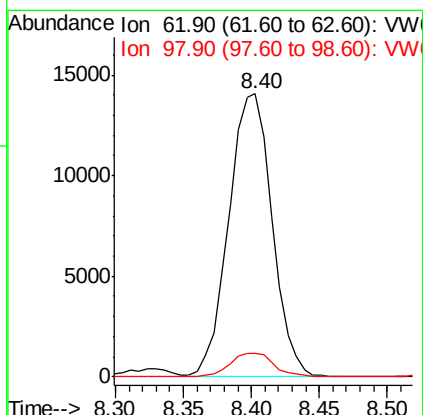
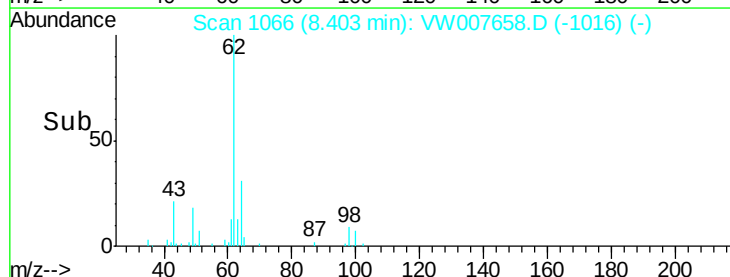
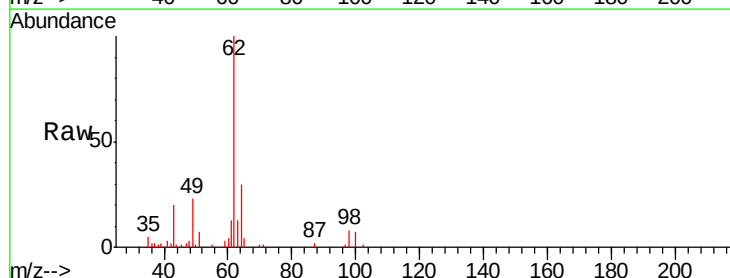
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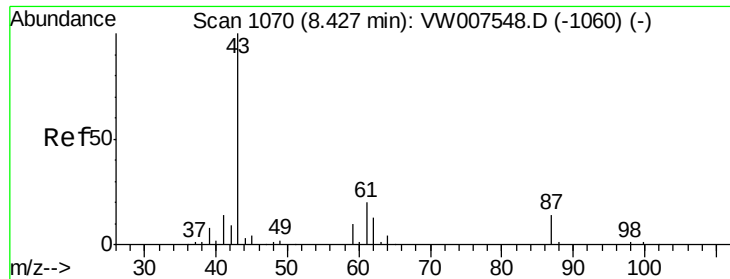
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#42
1,2-Dichloroethane
Concen: 66.554 ug/l
RT: 8.40 min Scan# 1066
Delta R.T. 0.01 min
Lab File: VW007658.D
Acq: 18 Dec 2018 15:09

Tgt Ion:	62	Resp:	31273
Ion	Ratio	Lower	Upper
62	100		
98	8.6	0.0	17.6





#43

Isopropyl Acetate

Concen: 60.860 ug/l

RT: 8.43 min Scan# 1070

Delta R.T. 0.00 min

Lab File: VW007658.D

Acq: 18 Dec 2018 15:09

Instrument :

MSVOA_W

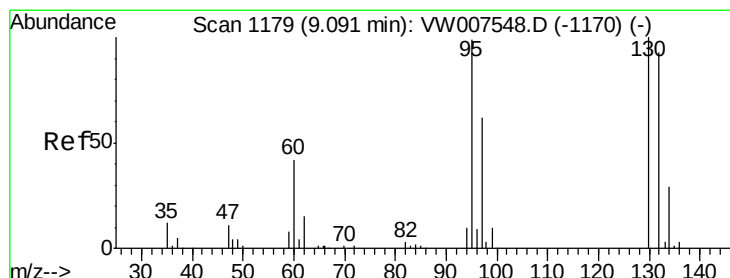
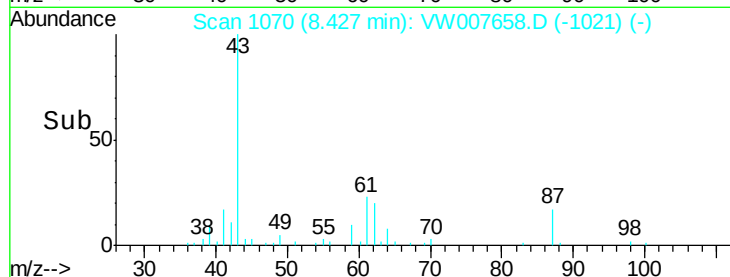
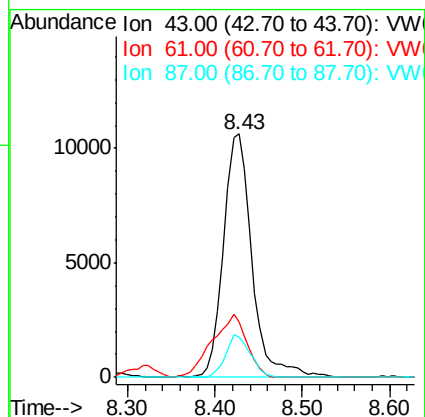
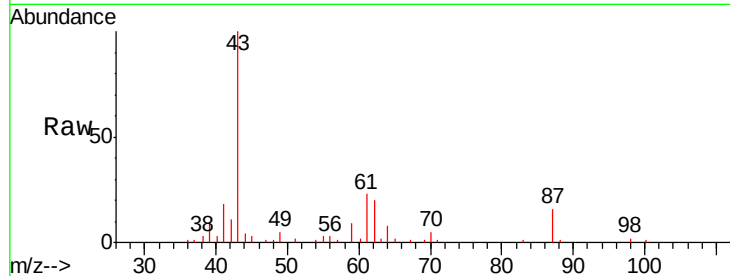
ClientSampleId :

P001-SS001-0002-01MSD

Tgt Ion:	43	Resp:	24101
Ion	Ratio	Lower	Upper
43	100		
61	31.3	25.3	37.9
87	15.1	11.8	17.8

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#44

Trichloroethene

Concen: 92.096 ug/l

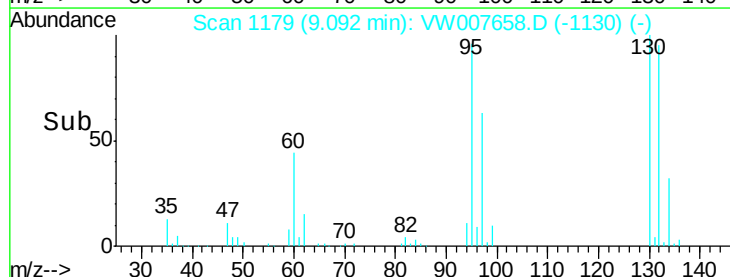
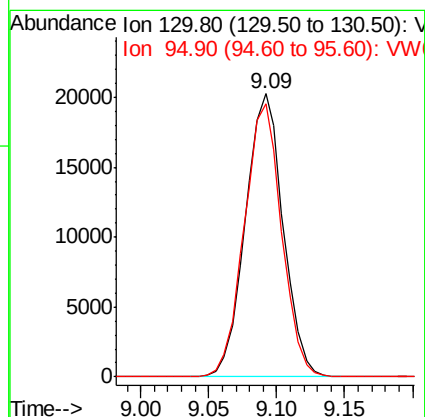
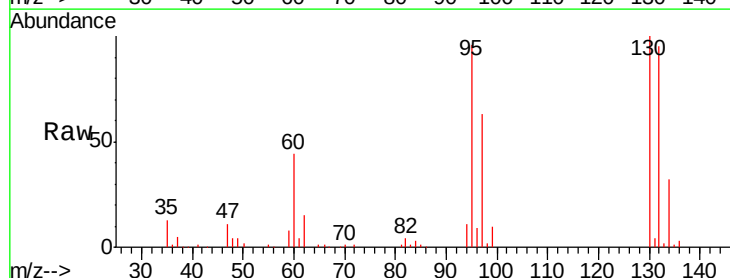
RT: 9.09 min Scan# 1179

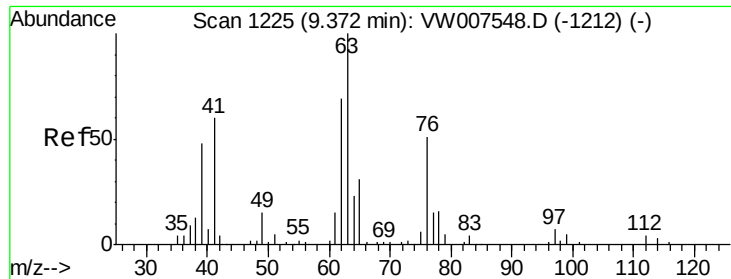
Delta R.T. 0.00 min

Lab File: VW007658.D

Acq: 18 Dec 2018 15:09

Tgt Ion:	130	Resp:	39339
Ion	Ratio	Lower	Upper
130	100		
95	96.5	0.0	193.2





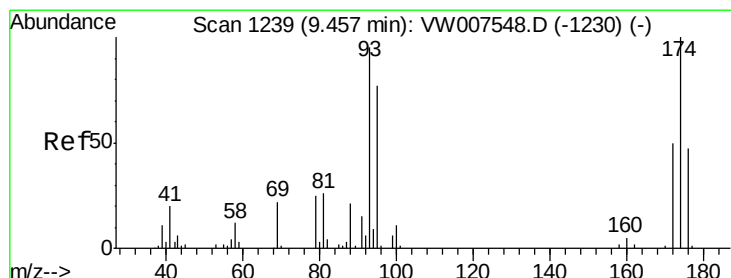
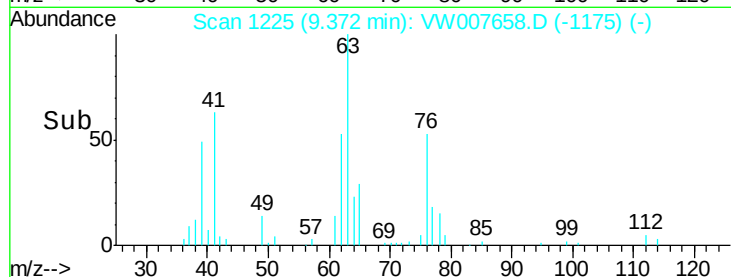
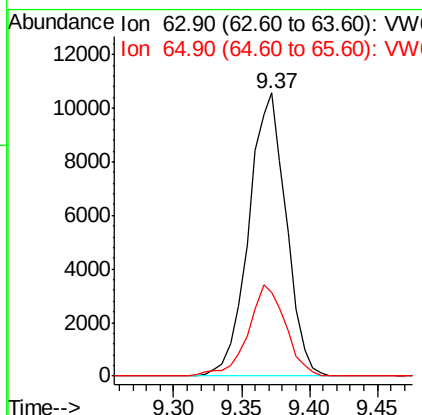
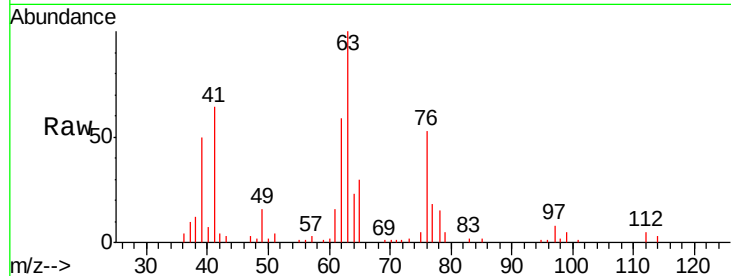
#45
 1,2-Dichloropropane
 Concen: 58.791 ug/l
 RT: 9.37 min Scan# 1225
 Delta R.T. 0.01 min
 Lab File: VW007658.D
 Acq: 18 Dec 2018 15:09

Instrument :
 MSVOA_W
 ClientSampleId :
 P001-SS001-0002-01MSD

Tgt Ion: 63 Resp: 20351
 Ion Ratio Lower Upper
 63 100
 65 29.6 24.4 36.6

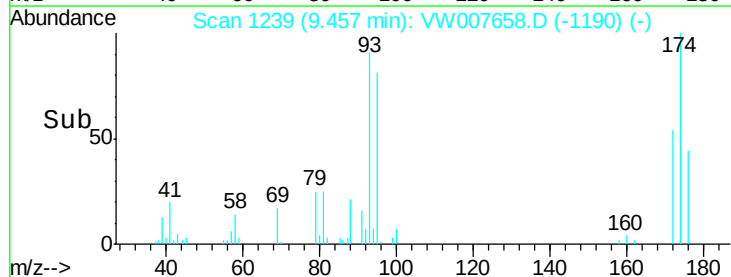
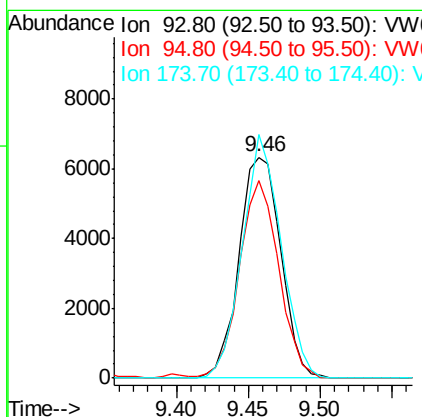
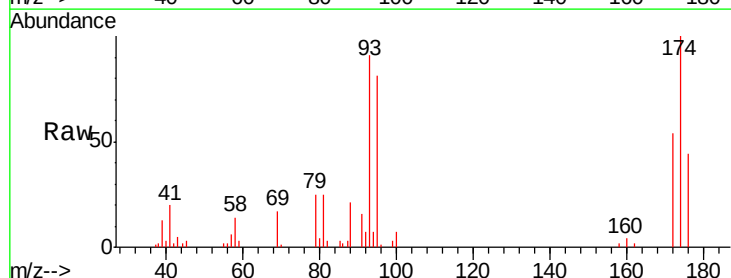
Manual Integrations
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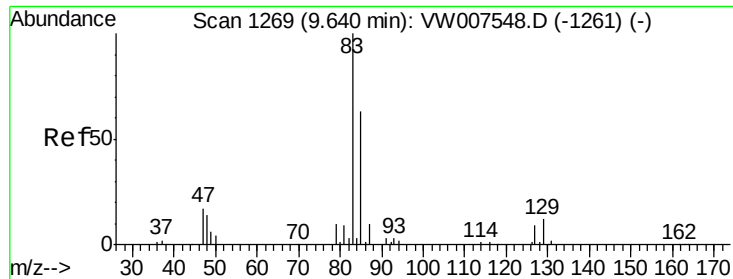
apatel
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#46
 Dibromomethane
 Concen: 64.799 ug/l
 RT: 9.46 min Scan# 1239
 Delta R.T. 0.00 min
 Lab File: VW007658.D
 Acq: 18 Dec 2018 15:09

Tgt Ion: 93 Resp: 12738
 Ion Ratio Lower Upper
 93 100
 95 84.0 68.0 102.0
 174 101.8 83.2 124.8





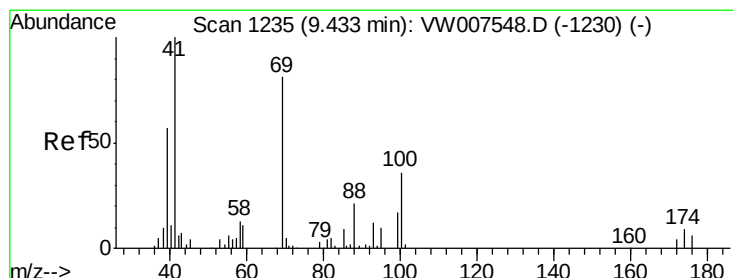
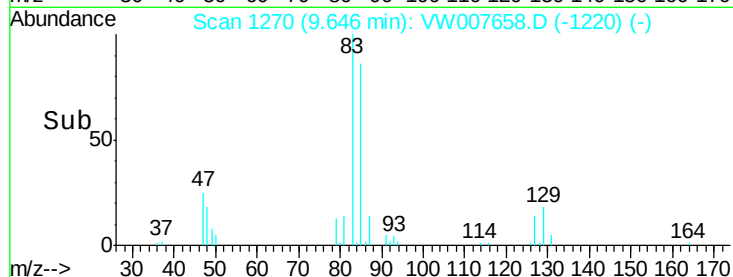
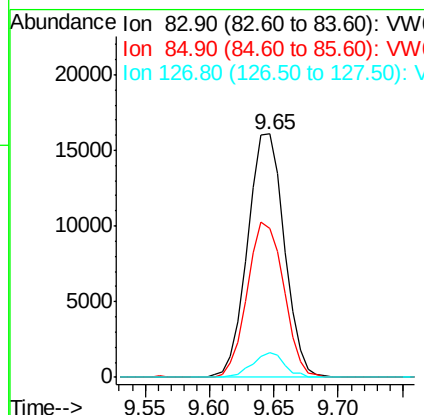
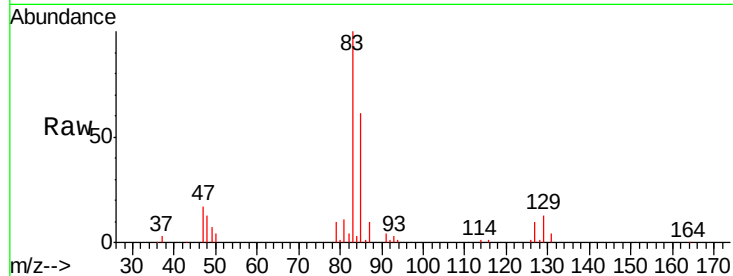
#47
Bromodichloromethane
Concen: 61.511 ug/l
RT: 9.65 min Scan# 1270
Delta R.T. 0.01 min
Lab File: VW007658.D
Acq: 18 Dec 2018 15:09

Instrument :
MSVOA_W
ClientSampleId :
P001-SS001-0002-01MSD

Tgt Ion	Ratio	Resp	Lower	Upper
83	100	31717		
85	60.9	47.6	71.4	
127	10.0	6.7	10.1	

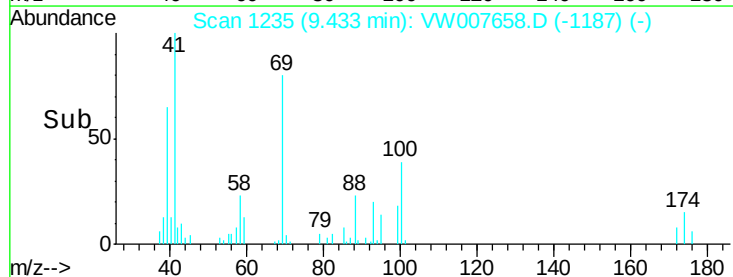
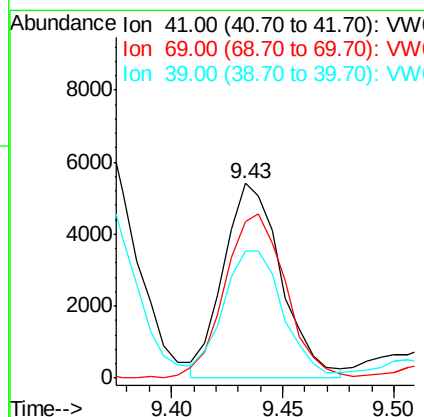
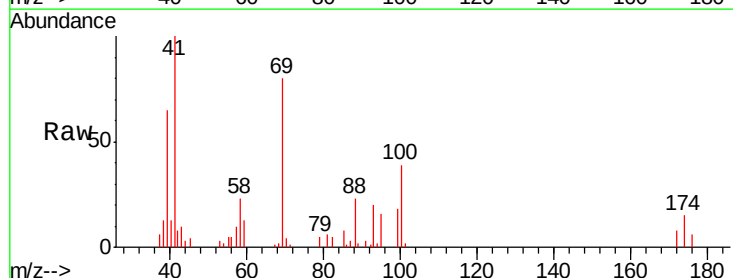
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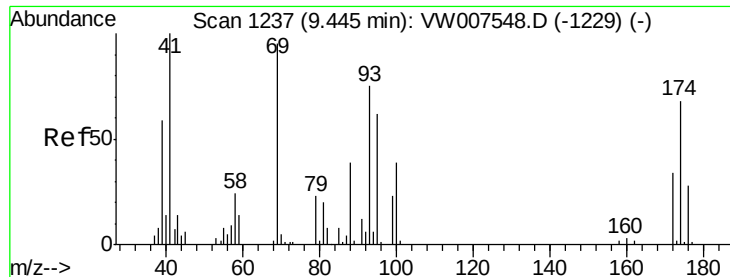
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#48
Methyl methacrylate
Concen: 48.092 ug/l
RT: 9.43 min Scan# 1235
Delta R.T. -0.01 min
Lab File: VW007658.D
Acq: 18 Dec 2018 15:09

Tgt Ion	Ratio	Resp	Lower	Upper
41	100	9781		
69	88.9	69.8	104.8	
39	68.1	50.9	76.3	





#49

1,4-Dioxane

Concen: 1389.825 ug/l

RT: 9.45 min Scan# 1238

Delta R.T. 0.00 min

Lab File: VW007658.D

Acq: 18 Dec 2018 15:09

Instrument :

MSVOA_W

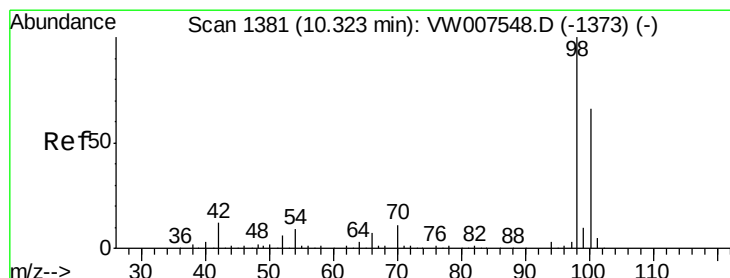
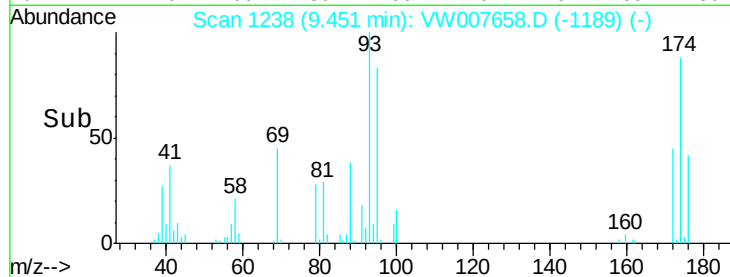
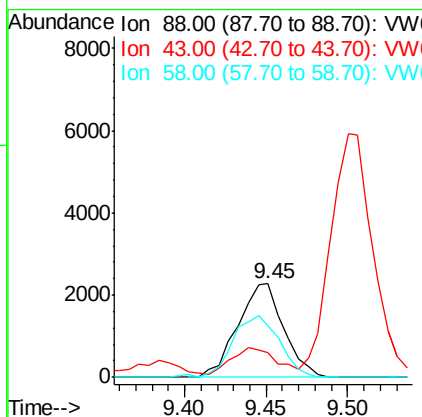
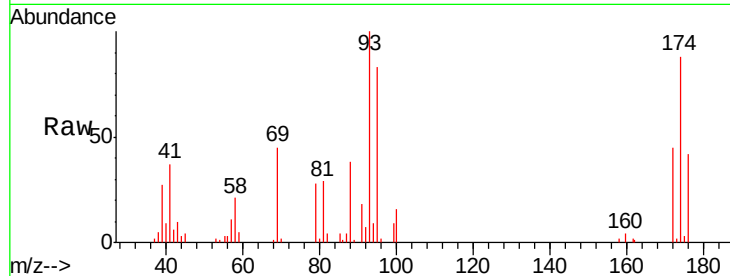
ClientSampleId :

P001-SS001-0002-01MSD

Tgt Ion:	88	Resp:	4433
Ion Ratio	Lower	Upper	
88	100		
43	27.3	25.0	37.4
58	67.5	51.4	77.2

Manual Integrations
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#50

Toluene-d8

Concen: 41.269 ug/l

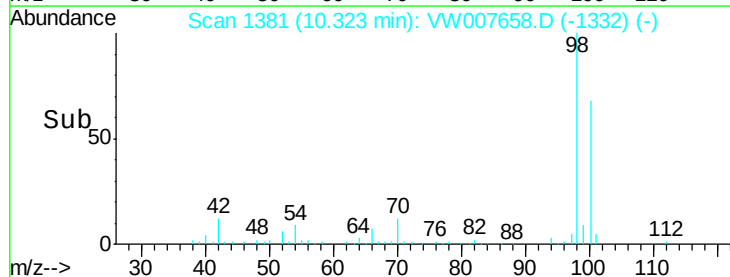
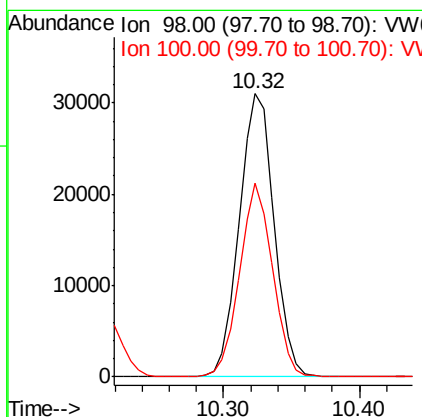
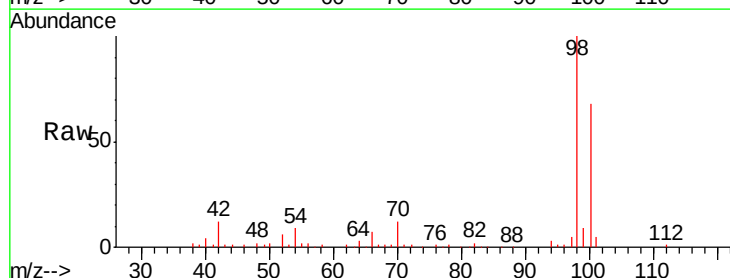
RT: 10.32 min Scan# 1381

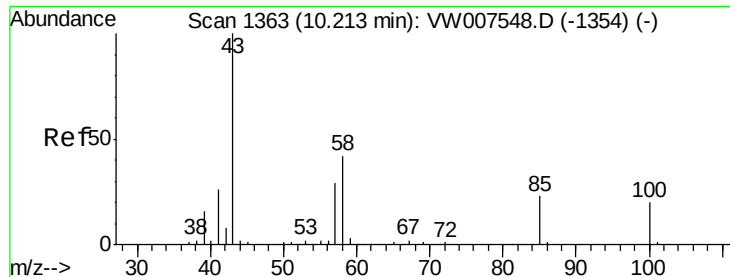
Delta R.T. 0.00 min

Lab File: VW007658.D

Acq: 18 Dec 2018 15:09

Tgt Ion:	98	Resp:	55345
Ion Ratio	Lower	Upper	
98	100		
100	64.6	51.8	77.8





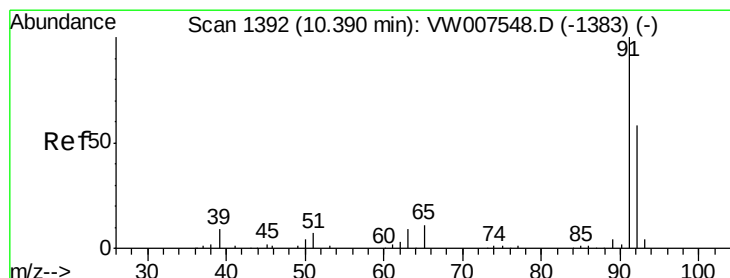
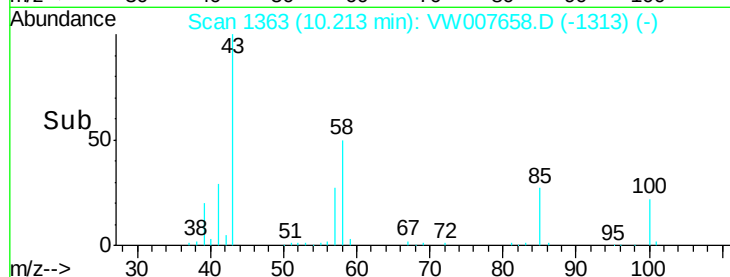
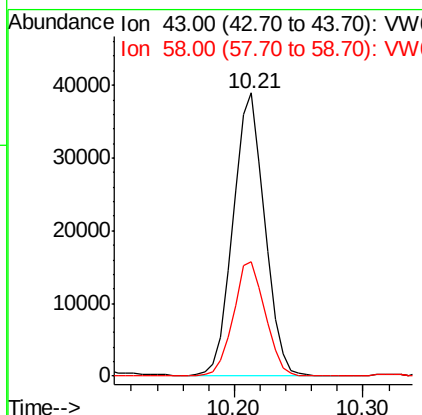
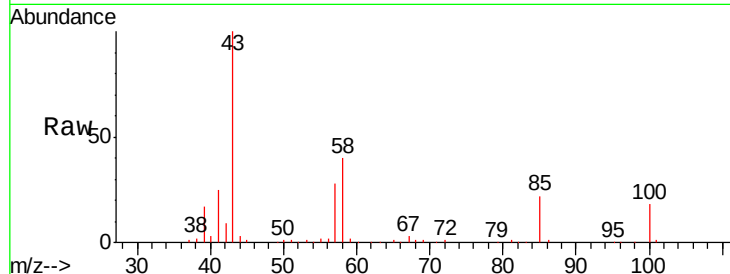
#51
4-Methyl-2-Pentanone
Concen: 356.118 ug/l
RT: 10.21 min Scan# 1363
Delta R.T. 0.01 min
Lab File: VW007658.D
Acq: 18 Dec 2018 15:09

Instrument :
MSVOA_W
ClientSampleId :
P001-SS001-0002-01MSD

Tgt Ion: 43 Resp: 66634
Ion Ratio Lower Upper
43 100
58 40.6 33.1 49.7

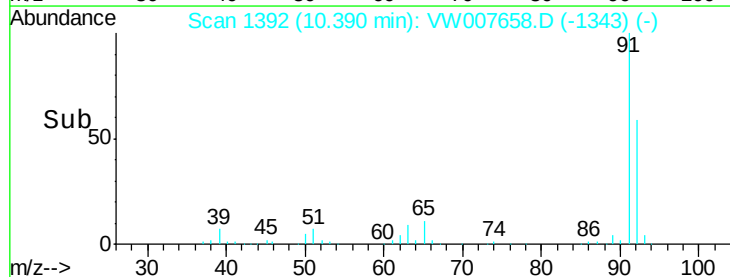
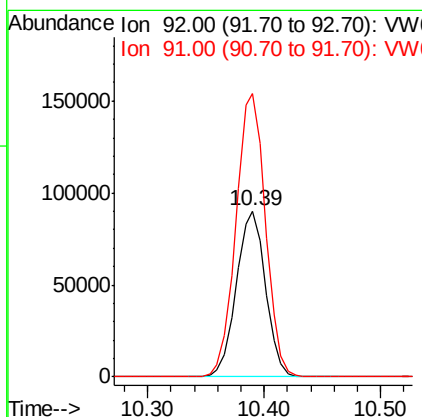
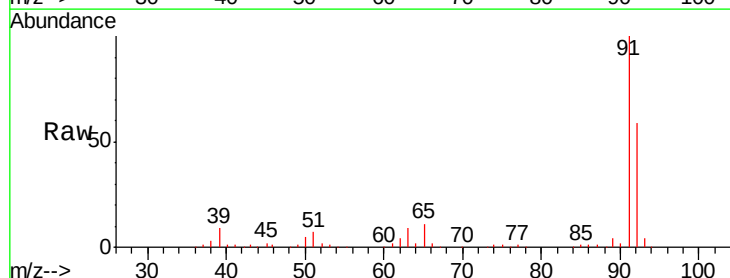
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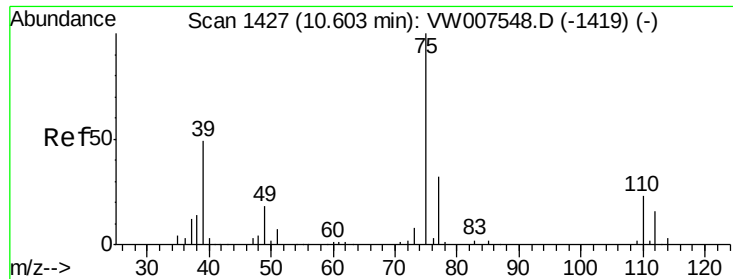
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#52
Toluene
Concen: 162.560 ug/l
RT: 10.39 min Scan# 1392
Delta R.T. 0.00 min
Lab File: VW007658.D
Acq: 18 Dec 2018 15:09

Tgt Ion: 92 Resp: 157364
Ion Ratio Lower Upper
92 100
91 172.6 136.2 204.2





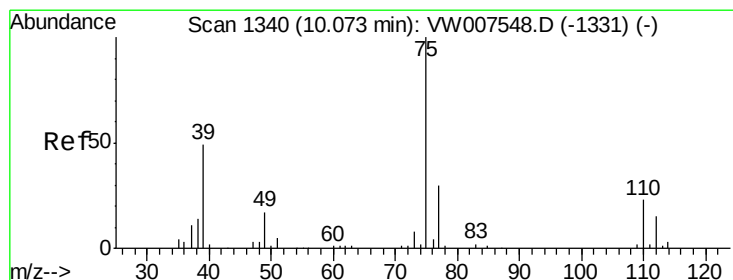
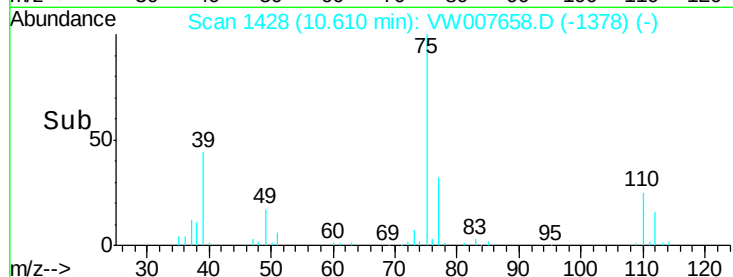
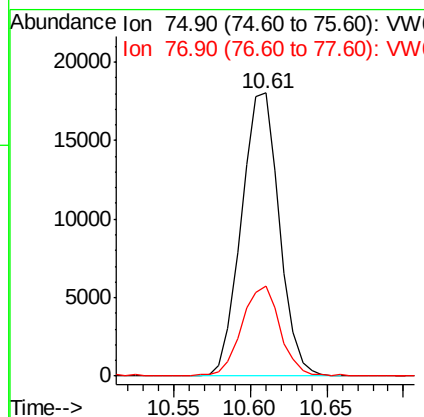
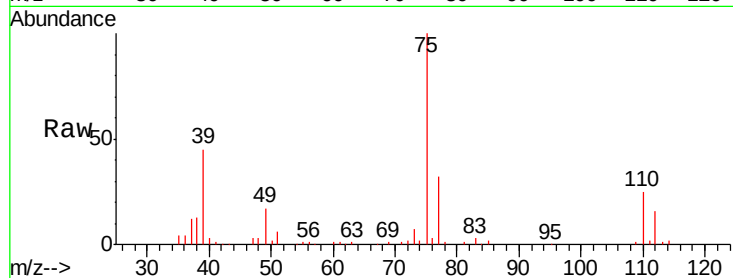
#53
t-1,3-Dichloropropene
Concen: 61.947 ug/l
RT: 10.61 min Scan# 1428
Delta R.T. 0.01 min
Lab File: VW007658.D
Acq: 18 Dec 2018 15:09

Instrument :
MSVOA_W
ClientSampleId :
P001-SS001-0002-01MSD

Tgt Ion: 75 Resp: 31010
Ion Ratio Lower Upper
75 100
77 31.8 26.2 39.4

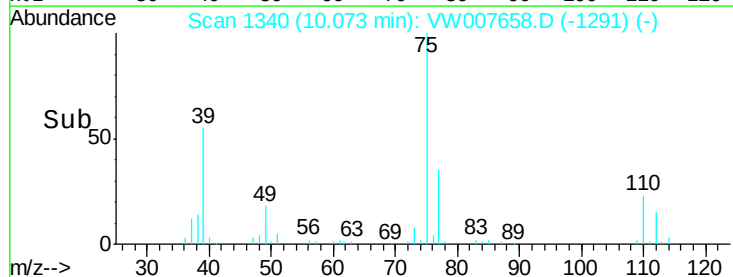
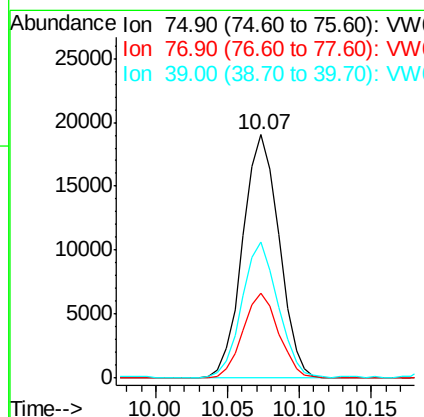
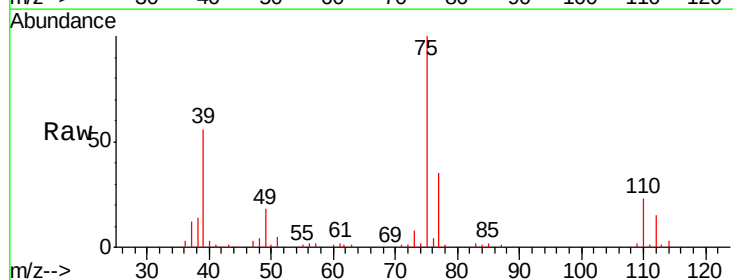
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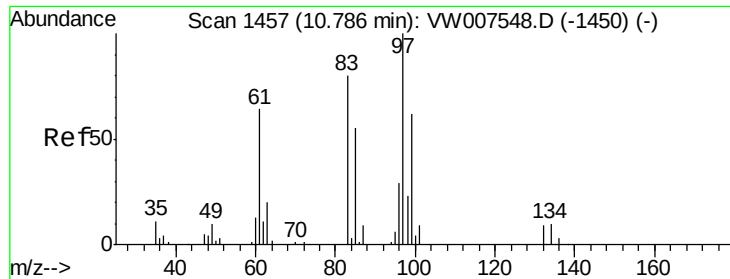
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#54
cis-1,3-Dichloropropene
Concen: 57.703 ug/l
RT: 10.07 min Scan# 1340
Delta R.T. 0.00 min
Lab File: VW007658.D
Acq: 18 Dec 2018 15:09

Tgt Ion: 75 Resp: 33392
Ion Ratio Lower Upper
75 100
77 34.7 24.8 37.2
39 56.1 40.9 61.3





#55

1,1,2-Trichloroethane

Concen: 65.272 ug/l

RT: 10.79 min Scan# 1457

Delta R.T. -0.01 min

Lab File: VW007658.D

Acq: 18 Dec 2018 15:09

Instrument :

MSVOA_W

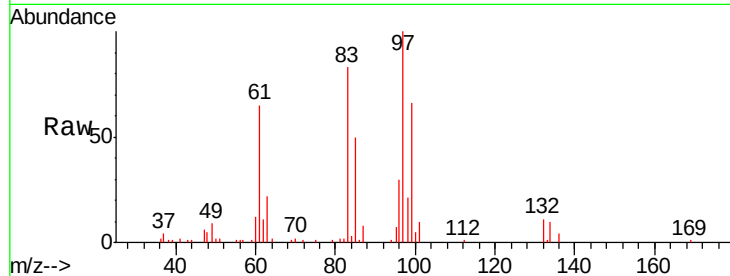
ClientSampleId :

P001-SS001-0002-01MSD

Tgt Ion	Ratio	Resp	Lower	Upper
97	100	17463		
83	83.2	62.1	93.1	
85	49.6	44.2	66.4	
99	66.0	50.2	75.4	

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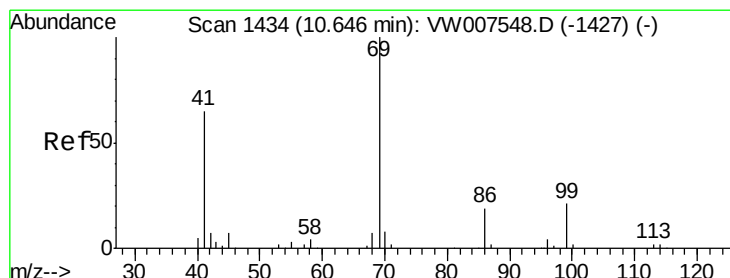
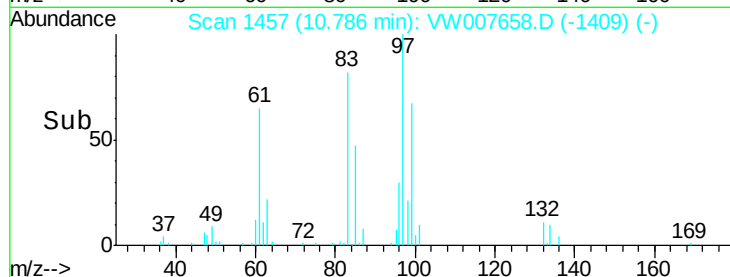
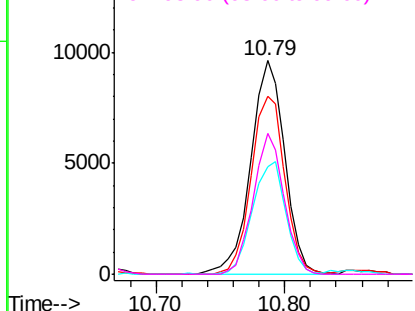
Abundance

Ion 96.90 (96.60 to 97.60): VW

Ion 82.90 (82.60 to 83.60): VW

Ion 84.90 (84.60 to 85.60): VW

Ion 98.90 (98.60 to 99.60): VW



#56

Ethyl methacrylate

Concen: 55.293 ug/l

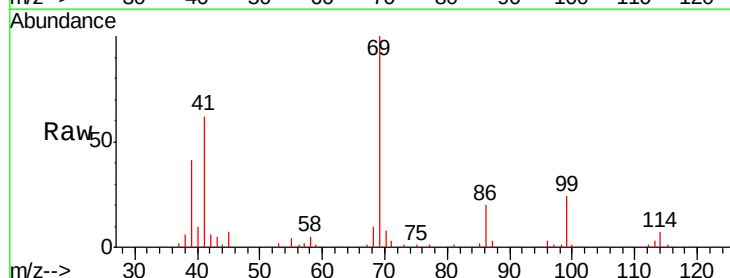
RT: 10.65 min Scan# 1434

Delta R.T. 0.00 min

Lab File: VW007658.D

Acq: 18 Dec 2018 15:09

Tgt Ion	Ratio	Resp	Lower	Upper
69	100	17781		
41	63.7	51.0	76.6	
39	39.0	30.8	46.2	

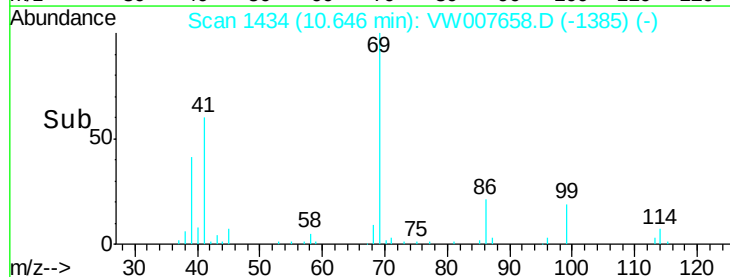
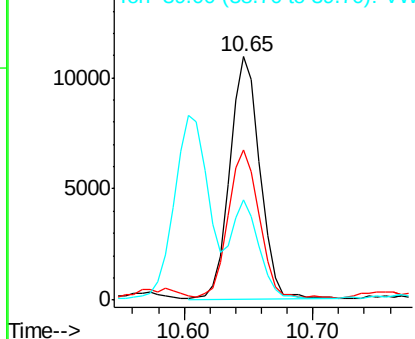


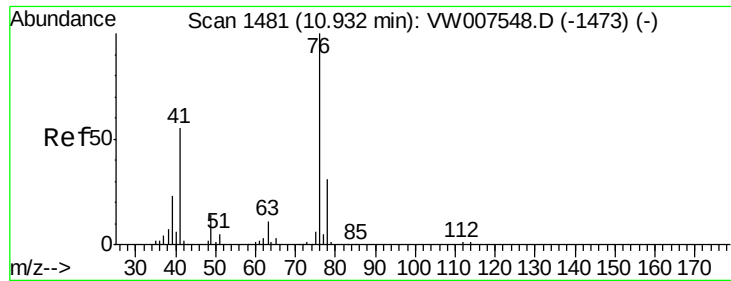
Abundance

Ion 69.00 (68.70 to 69.70): VW

Ion 41.00 (40.70 to 41.70): VW

Ion 39.00 (38.70 to 39.70): VW





#57

1,3-Dichloropropane

Concen: 64.085 ug/l

RT: 10.93 min Scan# 1481

Delta R.T. 0.00 min

Lab File: VW007658.D

Acq: 18 Dec 2018 15:09

Instrument :

MSVOA_W

ClientSampleId :

P001-SS001-0002-01MSD

Tgt Ion: 76 Resp: 28142

Ion Ratio Lower Upper

76 100

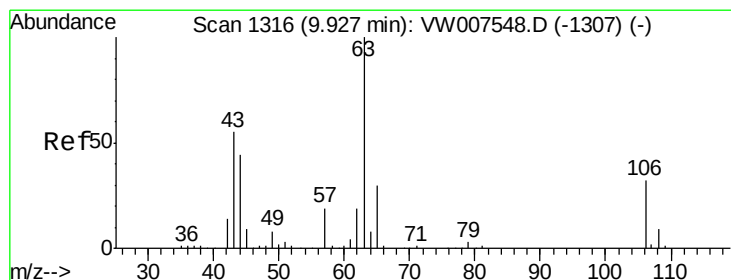
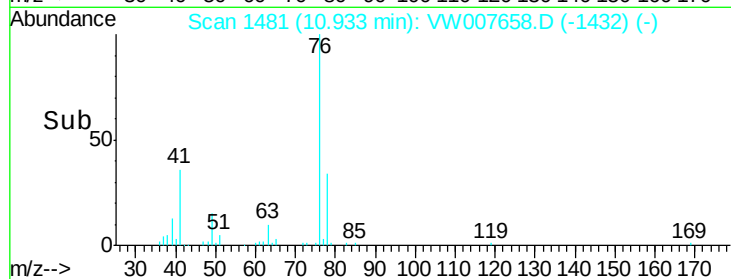
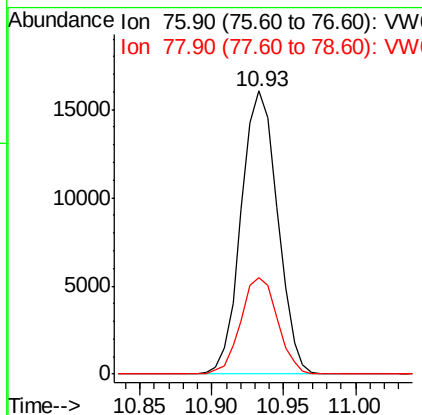
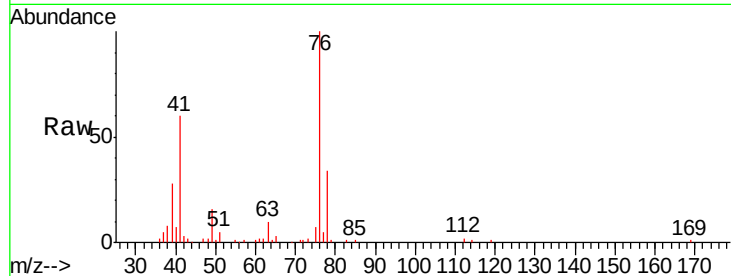
78 34.3 26.2 39.4

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#58

2-Chloroethyl Vinyl ether

Concen: 354.822 ug/l

RT: 9.93 min Scan# 1316

Delta R.T. 0.00 min

Lab File: VW007658.D

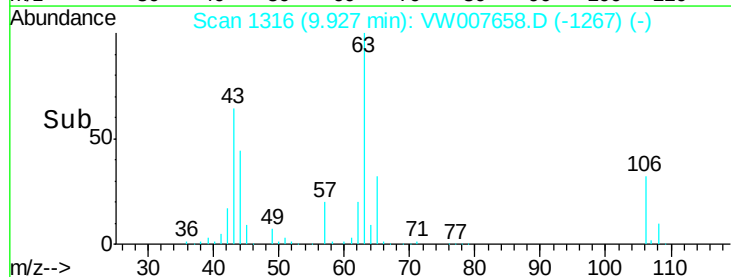
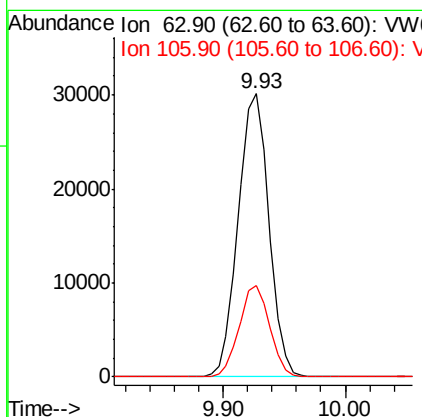
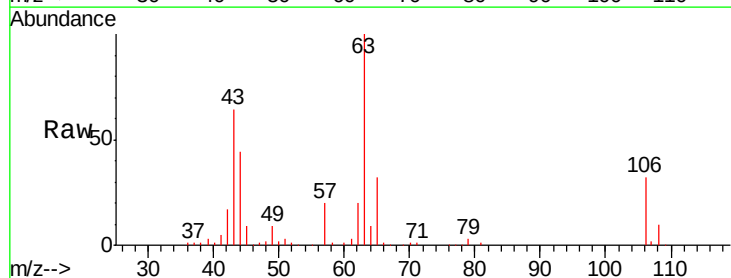
Acq: 18 Dec 2018 15:09

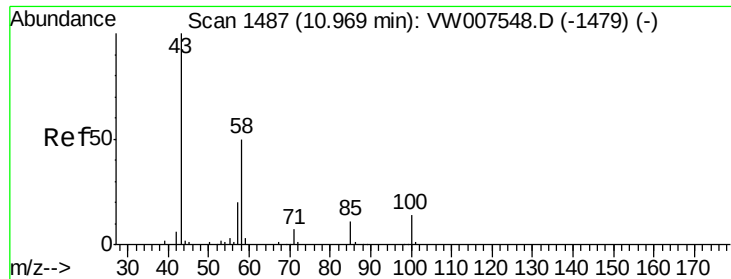
Tgt Ion: 63 Resp: 52618

Ion Ratio Lower Upper

63 100

106 31.9 25.0 37.6





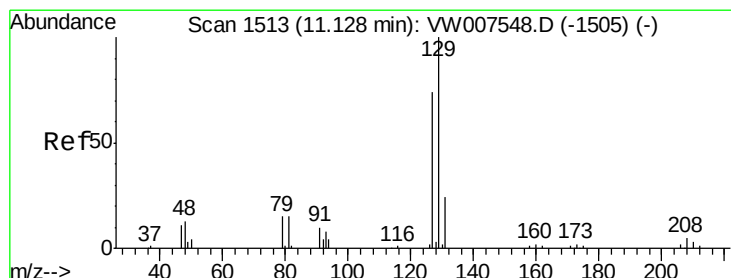
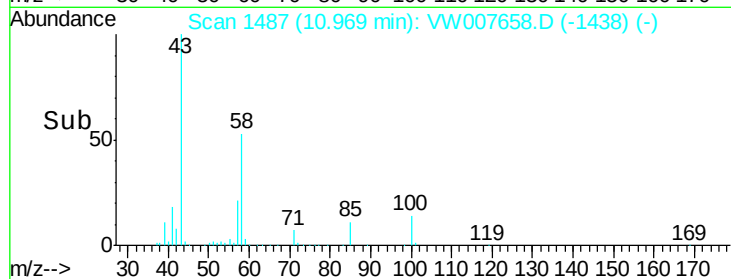
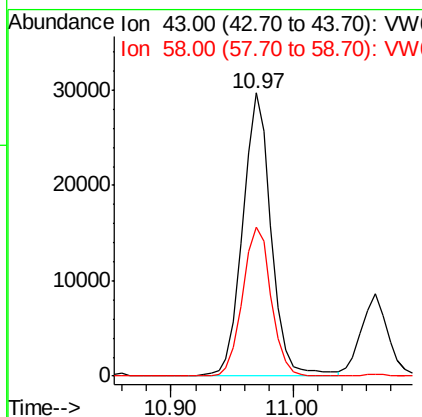
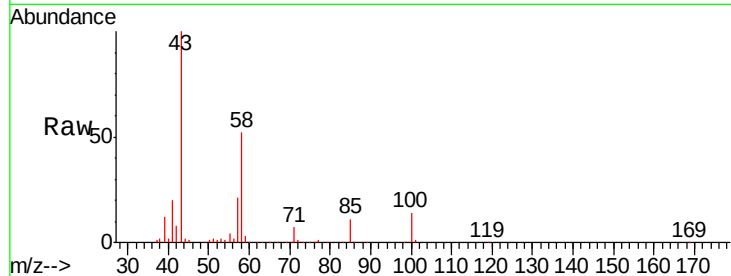
#59
2-Hexanone
Concen: 384.550 ug/l
RT: 10.97 min Scan# 1487
Delta R.T. 0.00 min
Lab File: VW007658.D
Acq: 18 Dec 2018 15:09

Instrument :
MSVOA_W
ClientSampleId :
P001-SS001-0002-01MSD

Tgt Ion: 43 Resp: 47979
Ion Ratio Lower Upper
43 100
58 52.7 27.1 81.3

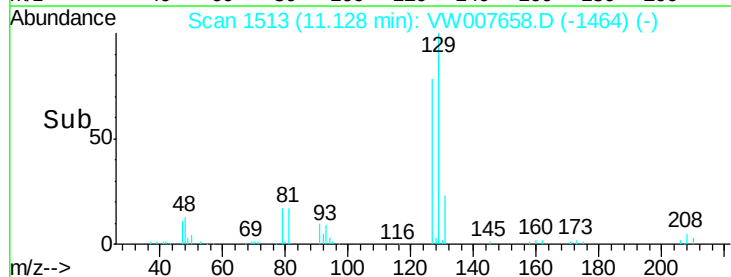
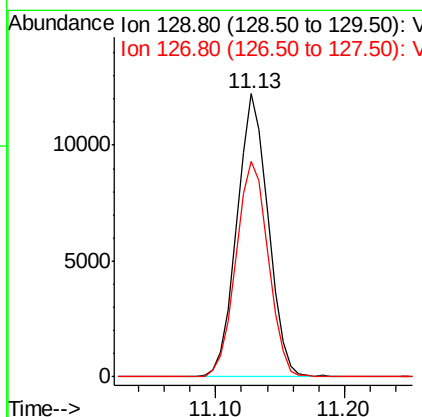
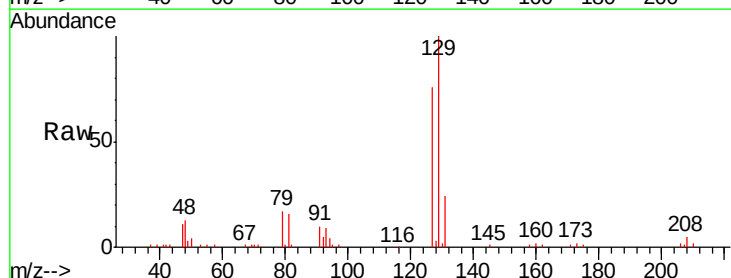
Manual Integrations
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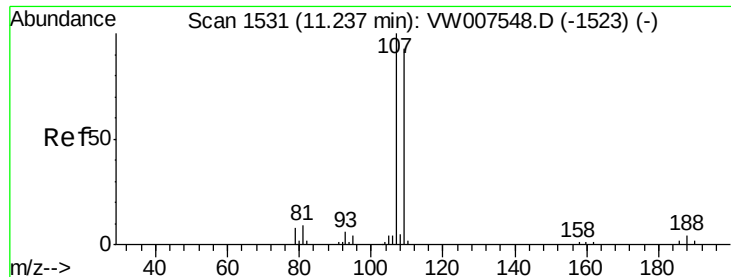
apatel
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#60
Dibromochloromethane
Concen: 60.840 ug/l
RT: 11.13 min Scan# 1513
Delta R.T. 0.00 min
Lab File: VW007658.D
Acq: 18 Dec 2018 15:09

Tgt Ion: 129 Resp: 20542
Ion Ratio Lower Upper
129 100
127 78.3 38.1 114.3





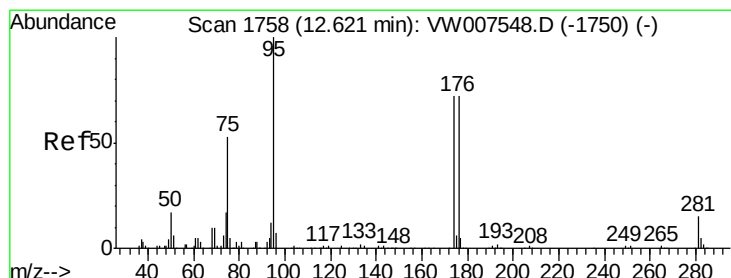
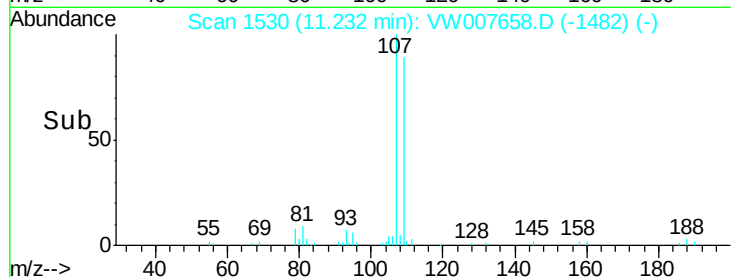
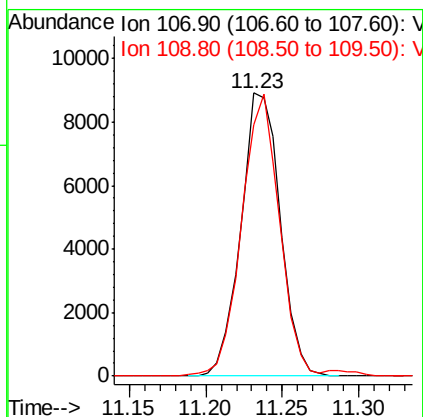
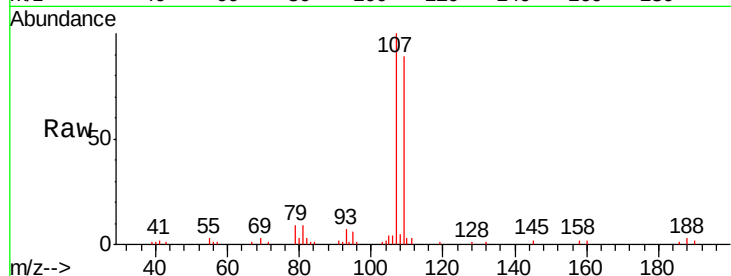
#61
 1,2-Dibromoethane
 Concen: 60.183 ug/l
 RT: 11.23 min Scan# 1530
 Delta R.T. -0.01 min
 Lab File: VW007658.D
 Acq: 18 Dec 2018 15:09

Instrument :
 MSVOA_W
 ClientSampleId :
 P001-SS001-0002-01MSD

Tgt Ion: 107 Resp: 15912
 Ion Ratio Lower Upper
 107 100
 109 95.9 79.1 118.7

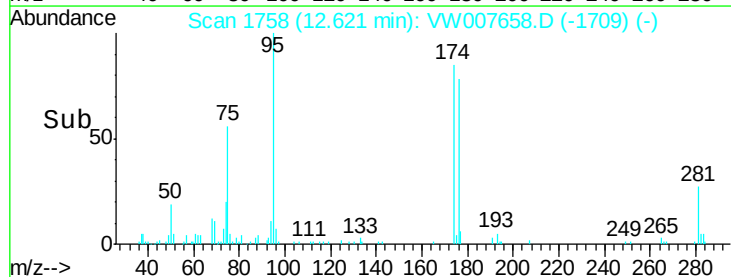
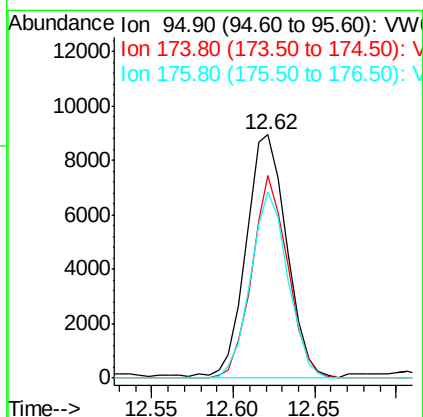
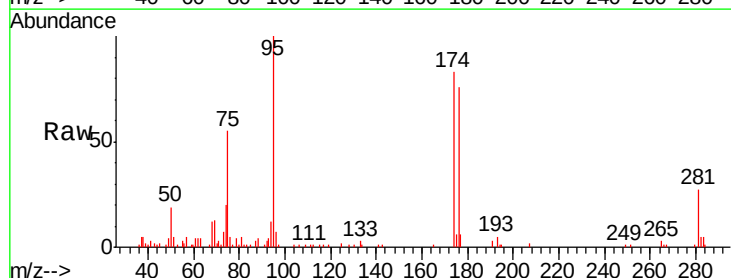
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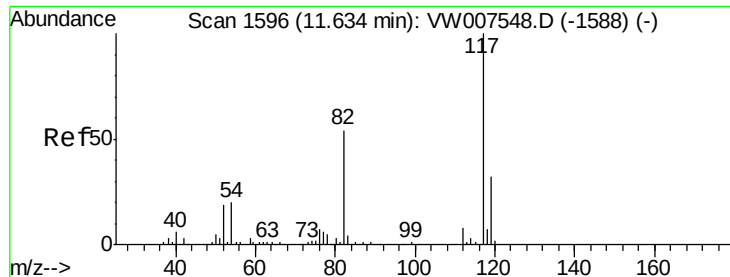
apatel
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#62
 4-Bromofluorobenzene
 Concen: 31.492 ug/l
 RT: 12.62 min Scan# 1758
 Delta R.T. 0.00 min
 Lab File: VW007658.D
 Acq: 18 Dec 2018 15:09

Tgt Ion: 95 Resp: 15528
 Ion Ratio Lower Upper
 95 100
 174 73.2 0.0 147.2
 176 69.8 0.0 138.8





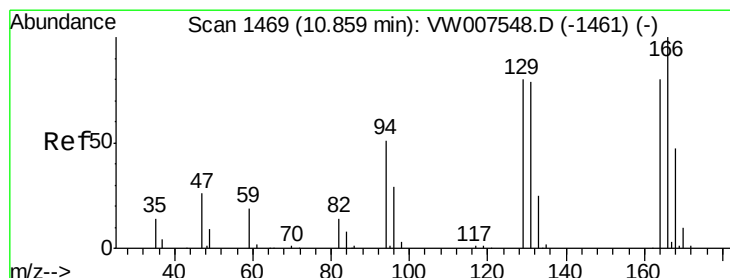
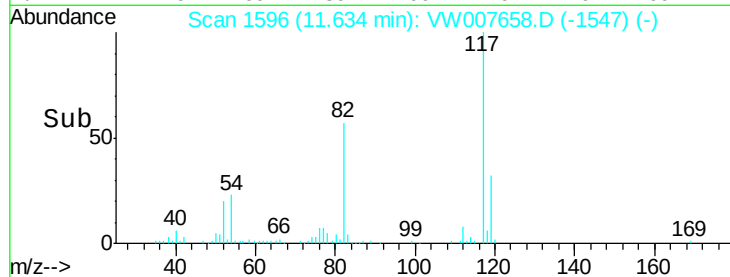
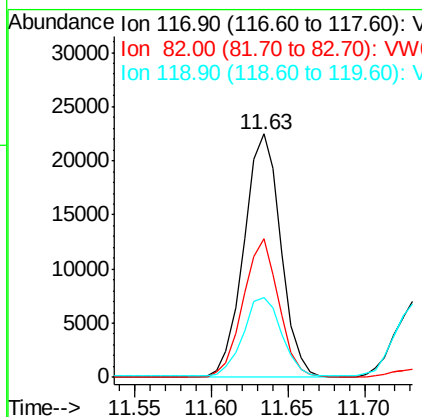
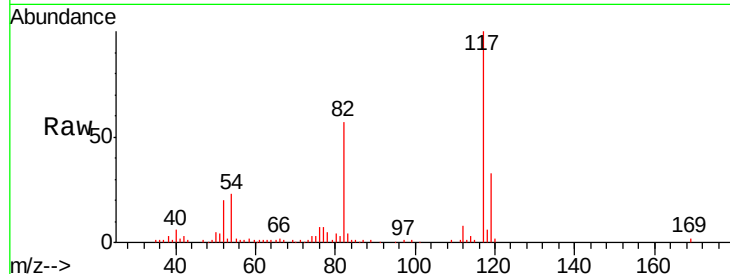
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.00 min
Lab File: VW007658.D
Acq: 18 Dec 2018 15:09

Instrument :
MSVOA_W
ClientSampleId :
P001-SS001-0002-01MSD

Tgt Ion	Ratio	Lower	Upper
117	100		
82	56.9	42.3	63.5
119	32.2	23.0	34.6

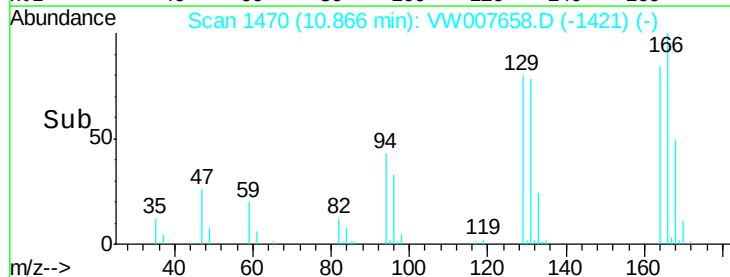
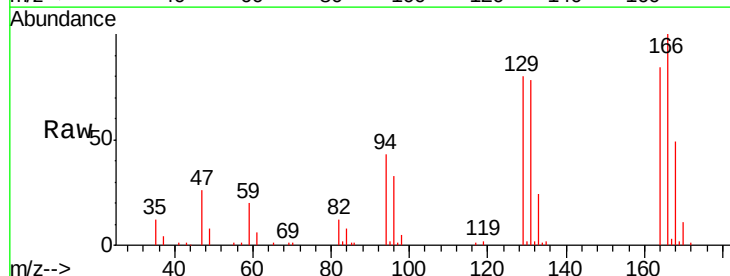
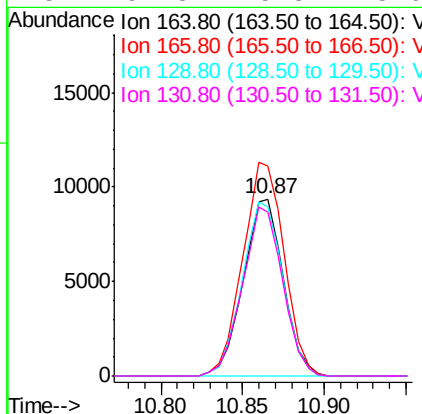
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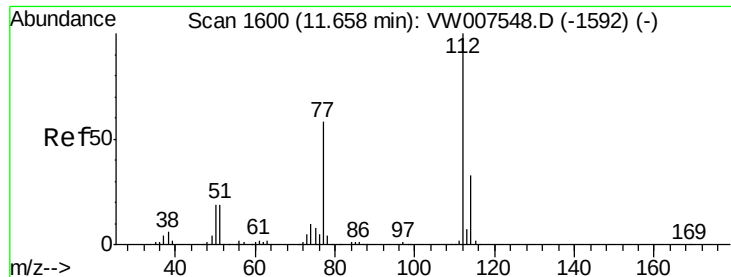
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#64
Tetrachloroethene
Concen: 59.199 ug/l
RT: 10.87 min Scan# 1470
Delta R.T. 0.00 min
Lab File: VW007658.D
Acq: 18 Dec 2018 15:09

Tgt Ion	Ratio	Lower	Upper
164	100		
166	119.1	107.9	161.9
129	95.4	73.4	110.2
131	92.3	75.8	113.6





#65

Chlorobenzene

Concen: 54.695 ug/l

RT: 11.66 min Scan# 1600

Delta R.T. 0.00 min

Lab File: VW007658.D

Acq: 18 Dec 2018 15:09

Instrument :

MSVOA_W

ClientSampleId :

P001-SS001-0002-01MSD

Tgt Ion:112 Resp: 42886

Ion Ratio Lower Upper

112 100

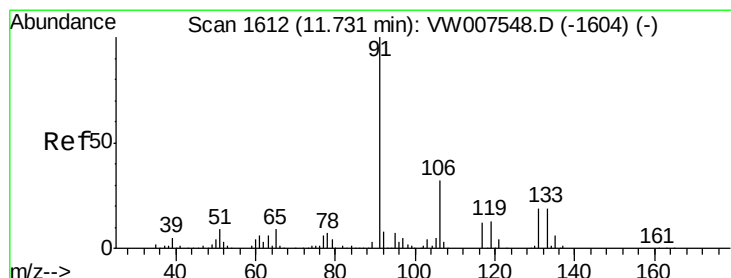
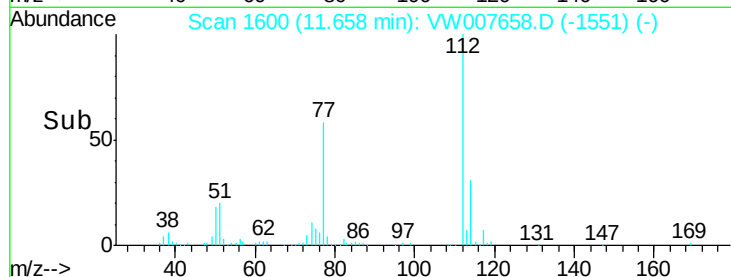
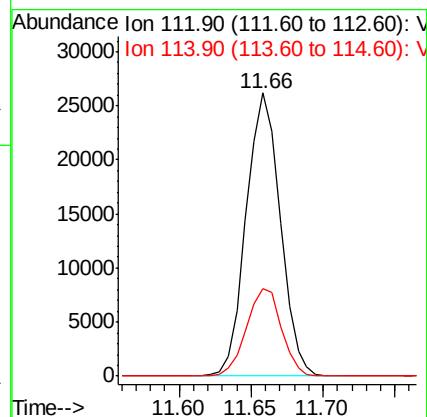
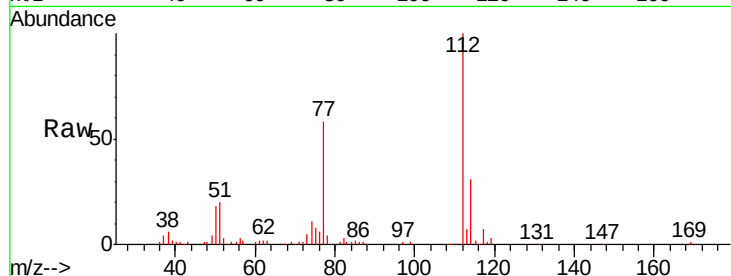
114 31.1 27.8 41.8

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#66

1,1,1,2-Tetrachloroethane

Concen: 65.147 ug/l

RT: 11.73 min Scan# 1612

Delta R.T. 0.00 min

Lab File: VW007658.D

Acq: 18 Dec 2018 15:09

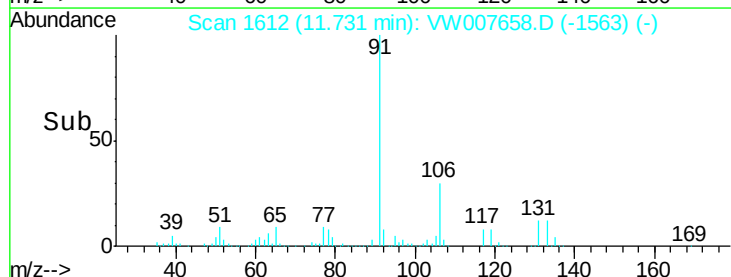
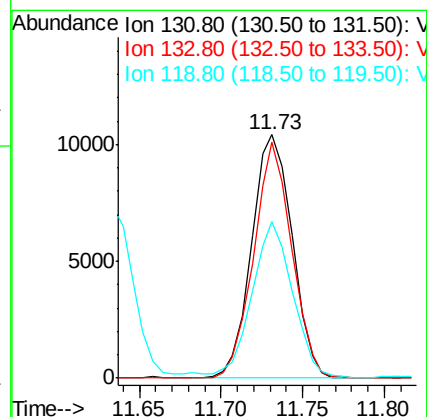
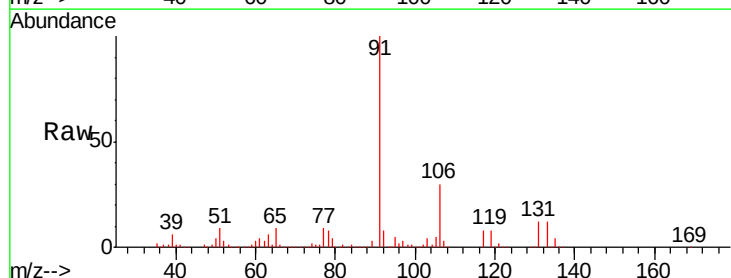
Tgt Ion:131 Resp: 17991

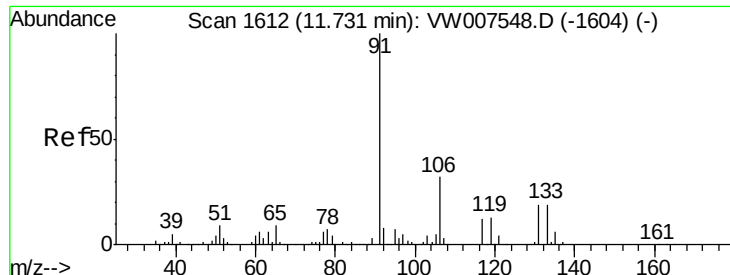
Ion Ratio Lower Upper

131 100

133 91.2 47.1 141.4

119 64.6 31.3 93.9





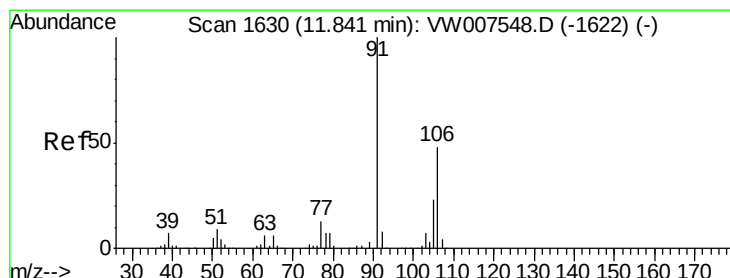
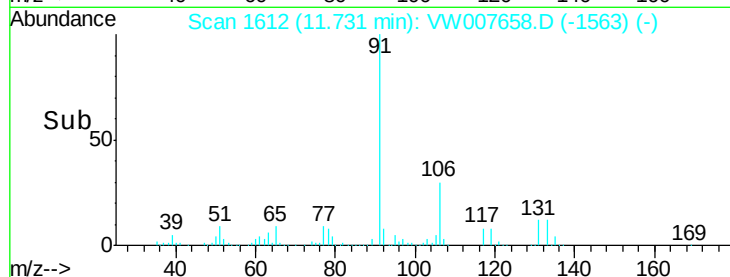
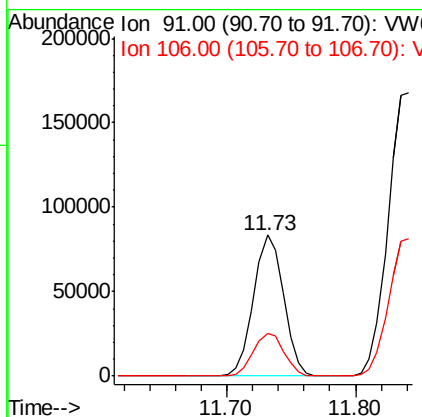
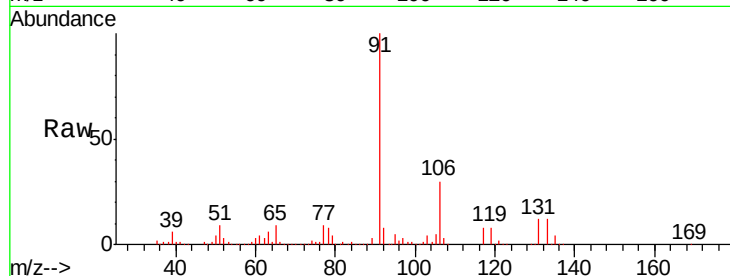
#67
Ethyl Benzene
Concen: 99.802 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. 0.00 min
Lab File: VW007658.D
Acq: 18 Dec 2018 15:09

Instrument :
MSVOA_W
ClientSampleId :
P001-SS001-0002-01MSD

Tgt Ion: 91 Resp: 134542
Ion Ratio Lower Upper
91 100
106 30.4 21.8 32.8

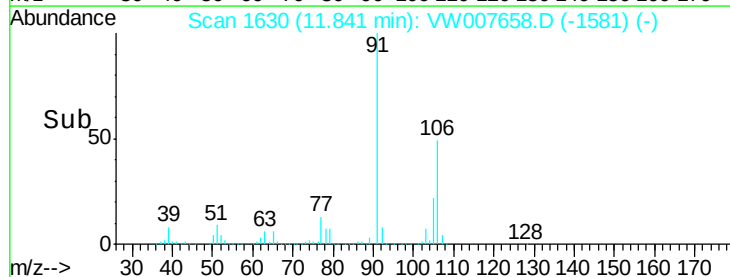
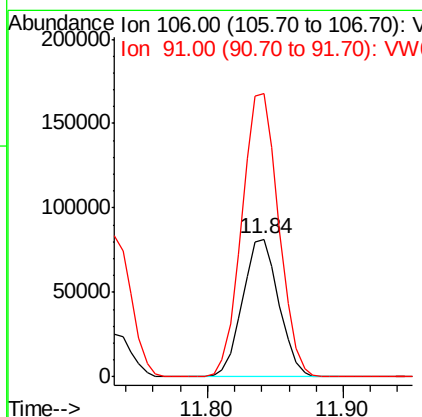
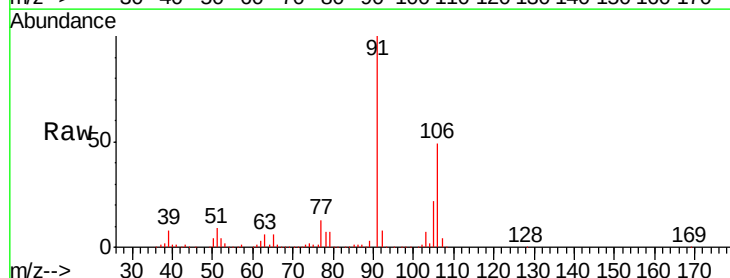
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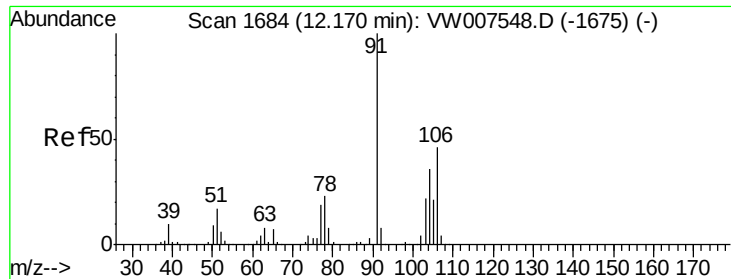
apatel
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#68
m/p-Xylenes
Concen: 290.917 ug/l
RT: 11.84 min Scan# 1630
Delta R.T. 0.00 min
Lab File: VW007658.D
Acq: 18 Dec 2018 15:09

Tgt Ion: 106 Resp: 152463
Ion Ratio Lower Upper
106 100
91 208.2 165.3 247.9





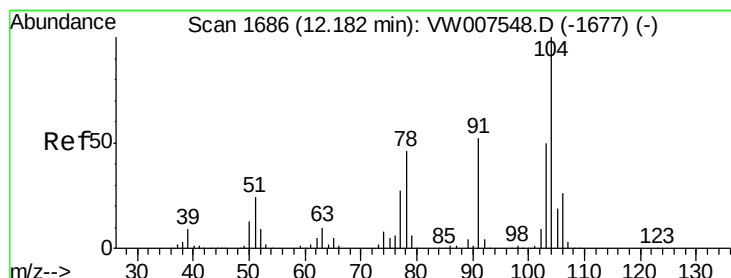
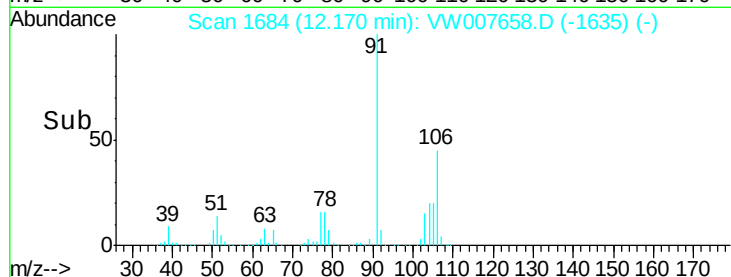
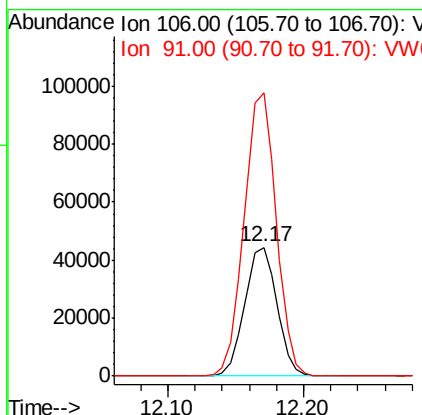
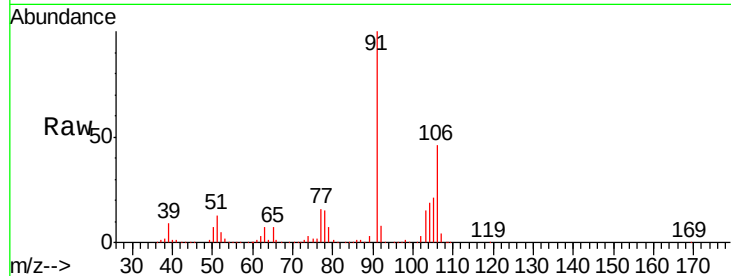
#69
o-Xylene
Concen: 151.508 ug/l
RT: 12.17 min Scan# 1684
Delta R.T. 0.00 min
Lab File: VW007658.D
Acq: 18 Dec 2018 15:09

Instrument :
MSVOA_W
ClientSampleId :
P001-SS001-0002-01MSD

Tgt Ion:106 Resp: 74156
Ion Ratio Lower Upper
106 100
91 218.3 106.6 319.8

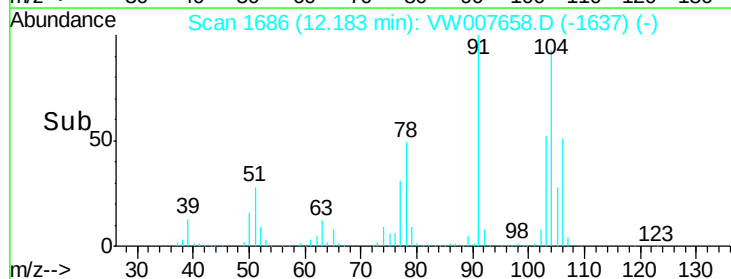
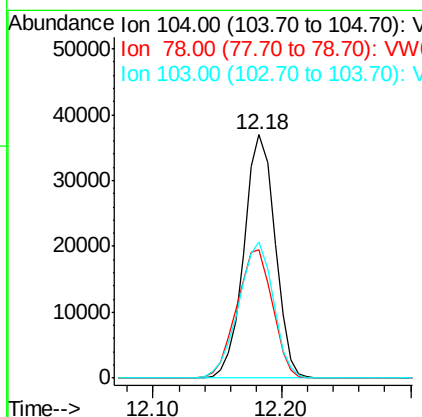
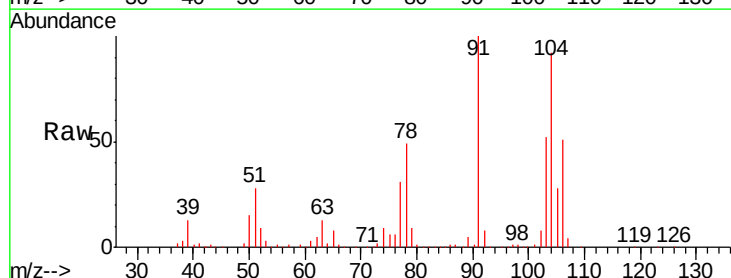
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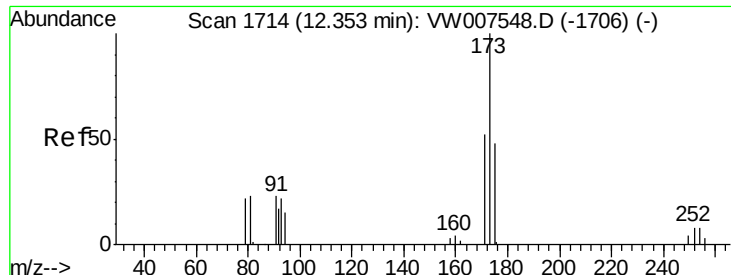
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#70
Styrene
Concen: 77.940 ug/l
RT: 12.18 min Scan# 1686
Delta R.T. 0.00 min
Lab File: VW007658.D
Acq: 18 Dec 2018 15:09

Tgt Ion:104 Resp: 61617
Ion Ratio Lower Upper
104 100
78 61.2 41.8 62.8
103 62.5 46.6 69.8





#71

Bromoform

Concen: 76.321 ug/l

RT: 12.35 min Scan# 1714

Delta R.T. 0.01 min

Lab File: VW007658.D

Acq: 18 Dec 2018 15:09

Instrument :

MSVOA_W

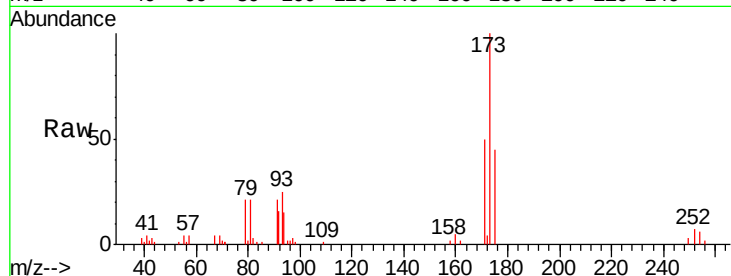
ClientSampleId :

P001-SS001-0002-01MSD

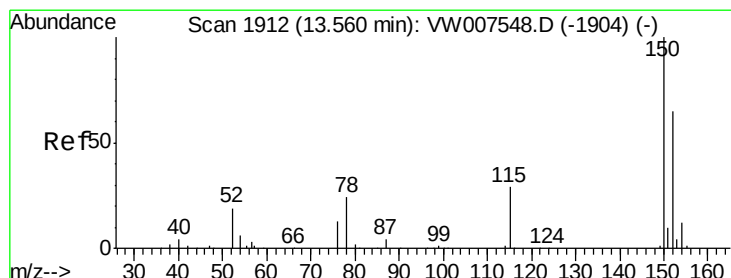
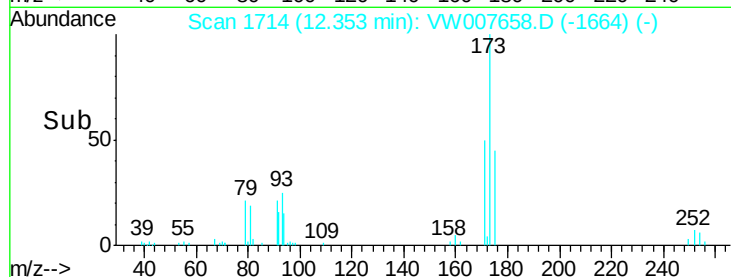
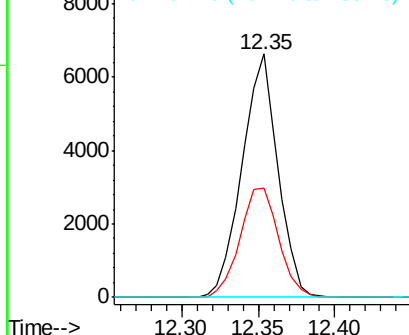
Tgt Ion:	173	Resp:	10788
Ion Ratio	Lower	Upper	
173	100		
175	48.5	23.6	70.8
254	0.0	0.0	0.0

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Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

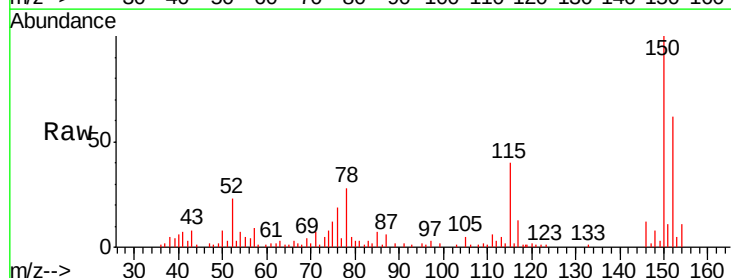
RT: 13.56 min Scan# 1912

Delta R.T. 0.00 min

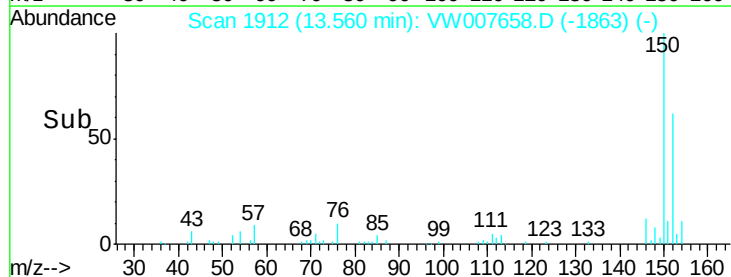
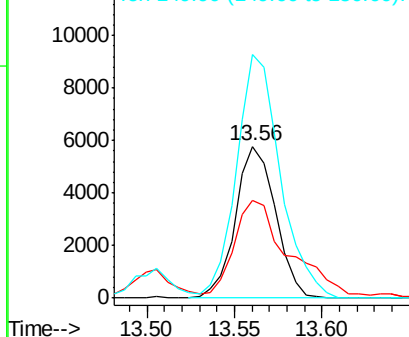
Lab File: VW007658.D

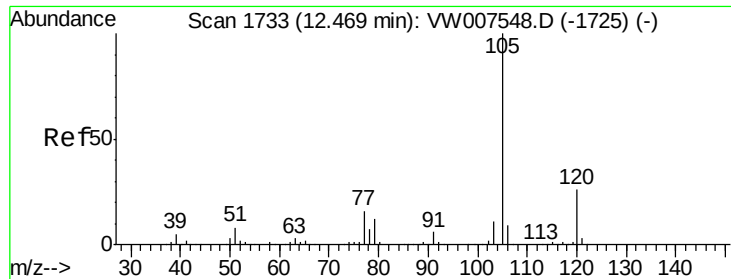
Acq: 18 Dec 2018 15:09

Tgt Ion:	152	Resp:	9207
Ion Ratio	Lower	Upper	
152	100		
115	82.6	31.4	94.2
150	175.7	0.0	358.4



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 58.487 ug/l

RT: 12.47 min Scan# 1733

Delta R.T. 0.01 min

Lab File: VW007658.D

Acq: 18 Dec 2018 15:09

Instrument :

MSVOA_W

ClientSampleId :

P001-SS001-0002-01MSD

Tgt Ion: 105 Resp: 41261

Ion Ratio Lower Upper

105 100

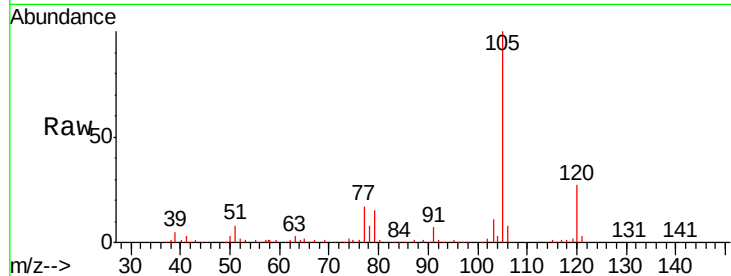
120 25.9 12.8 38.4

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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

30000

25000

20000

15000

10000

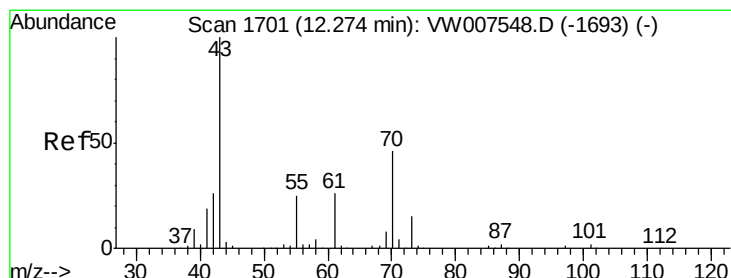
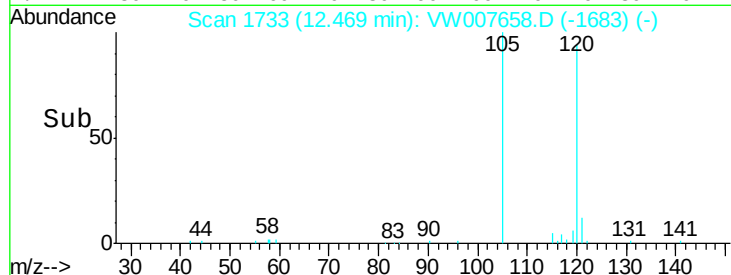
5000

0

Time-->

12.40

12.50



#74

N-ethyl acetate

Concen: 112.913 ug/l

RT: 12.27 min Scan# 1701

Delta R.T. 0.00 min

Lab File: VW007658.D

Acq: 18 Dec 2018 15:09

Tgt Ion: 43 Resp: 14477

Ion Ratio Lower Upper

43 100

70 43.9 36.5 54.7

55 26.9 20.1 30.1

61 23.2 19.3 28.9

Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 70.00 (69.70 to 70.70): VW

Ion 55.00 (54.70 to 55.70): VW

Ion 61.00 (60.70 to 61.70): VW

10000

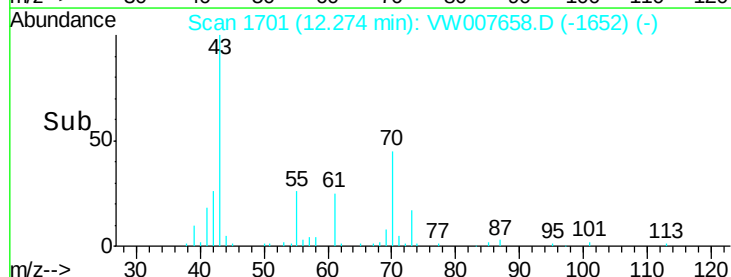
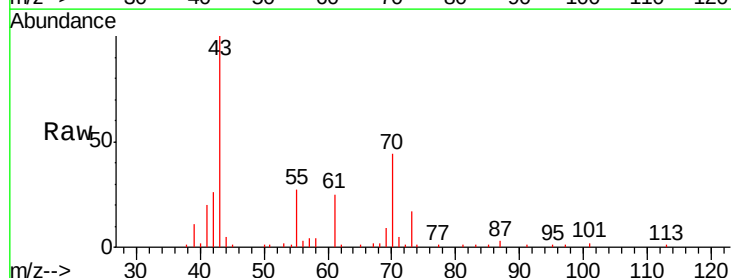
5000

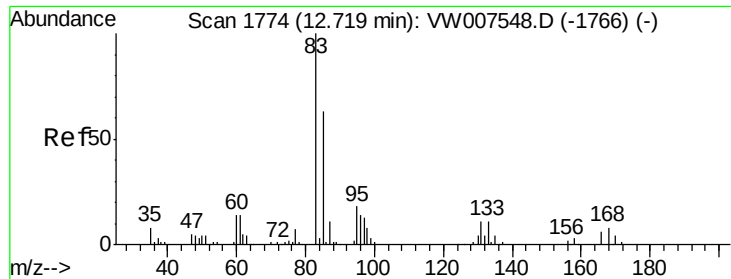
0

Time-->

12.20

12.30





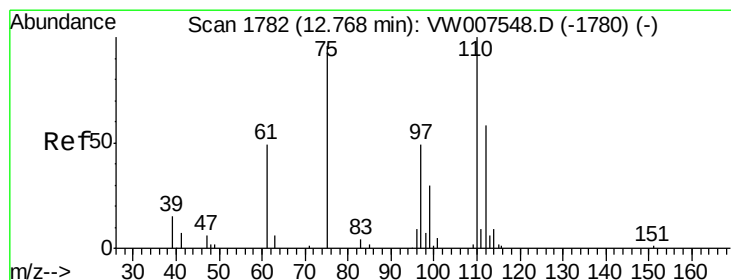
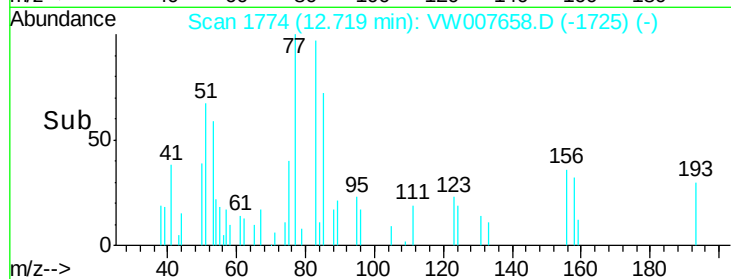
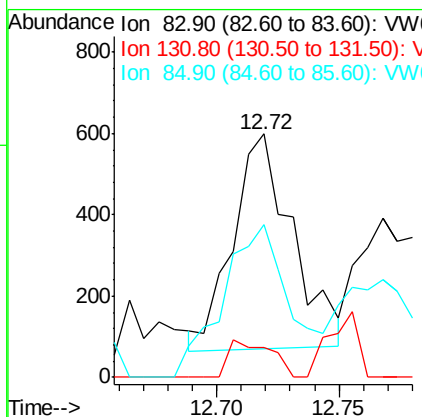
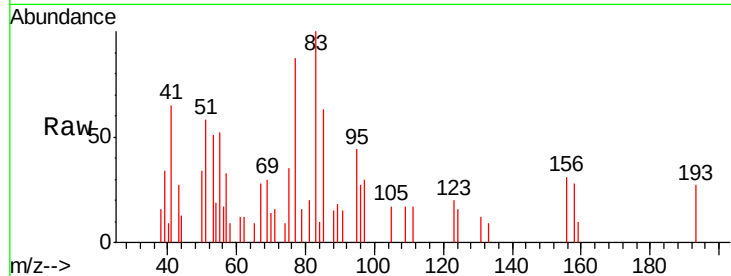
#75
 1,1,2,2-Tetrachloroethane
 Concen: 8.575 ug/l
 RT: 12.72 min Scan# 1774
 Delta R.T. 0.00 min
 Lab File: VW007658.D
 Acq: 18 Dec 2018 15:09

Instrument :
 MSVOA_W
 ClientSampleId :
 P001-SS001-0002-01MSD

Tgt Ion	Ratio	Lower	Upper
83	100		
131	12.2	5.9	17.8
85	80.5	30.0	90.0

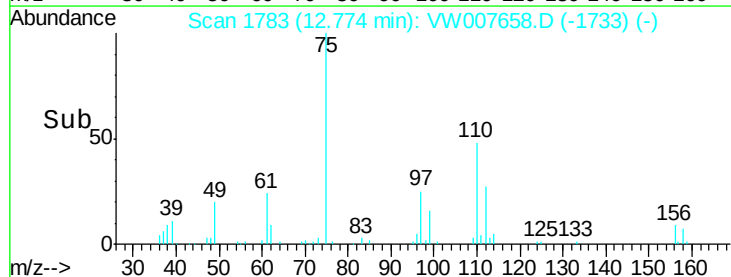
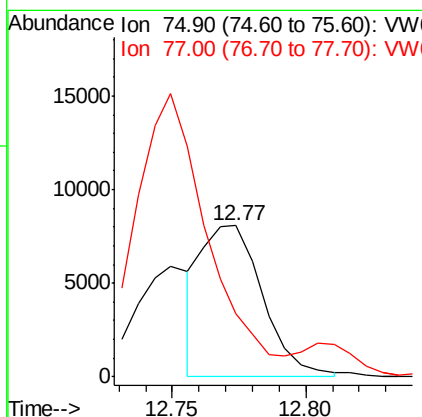
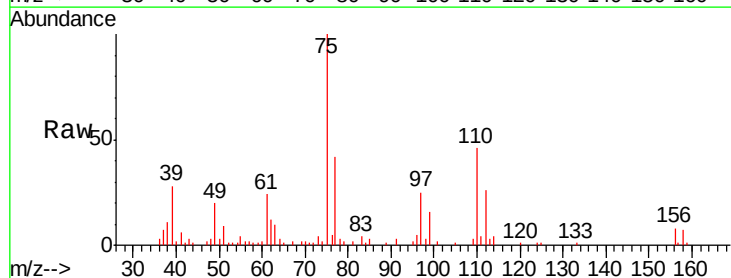
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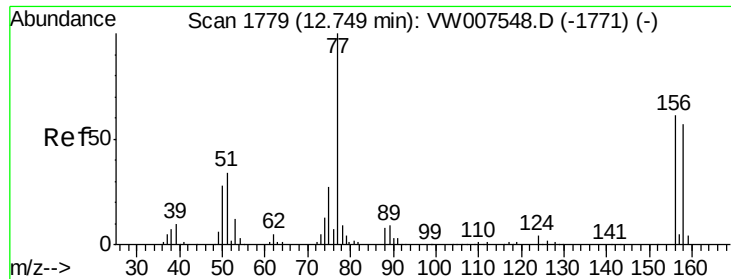
apatel
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#76
 1,2,3-Trichloropropane
 Concen: 169.704 ug/l m
 RT: 12.77 min Scan# 1783
 Delta R.T. 0.01 min
 Lab File: VW007658.D
 Acq: 18 Dec 2018 15:09

Tgt Ion	Ratio	Lower	Upper
75	100		
77	0.0	166.9	500.8#





#77

Bromobenzene

Concen: 92.425 ug/l

RT: 12.75 min Scan# 1779

Delta R.T. 0.00 min

Lab File: VW007658.D

Acq: 18 Dec 2018 15:09

Instrument :

MSVOA_W

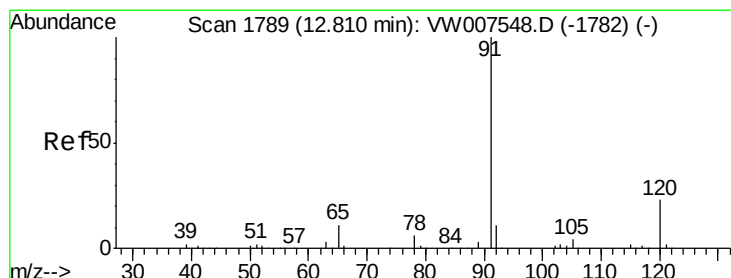
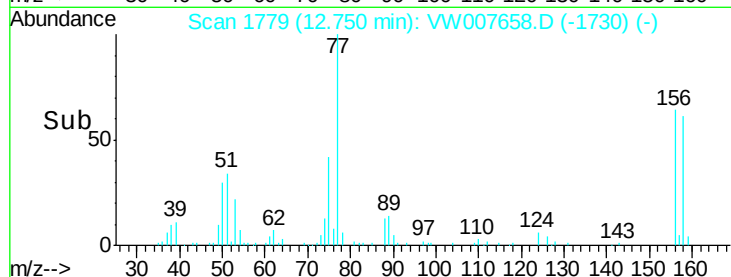
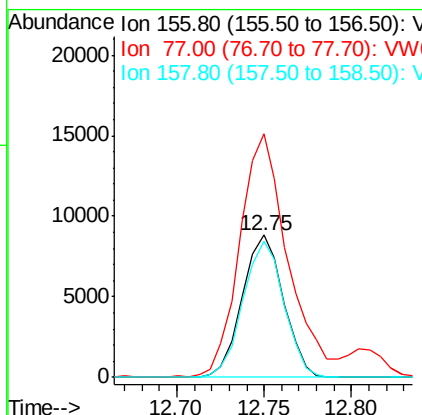
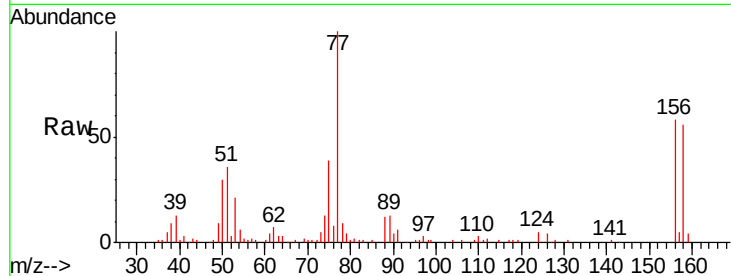
ClientSampleId :

P001-SS001-0002-01MSD

Tgt Ion:	156	Resp:	14453
Ion Ratio	Lower	Upper	
156	100		
77	201.4	88.1	264.4
158	95.3	45.6	136.7

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#78

n-propylbenzene

Concen: 77.746 ug/l

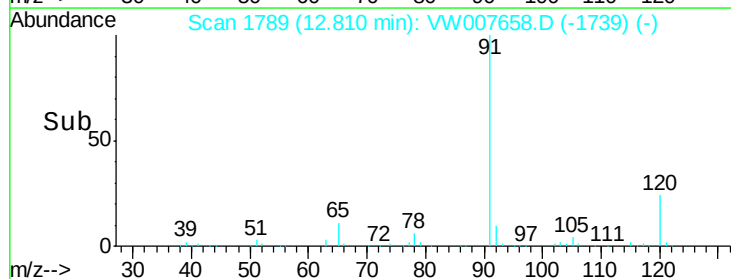
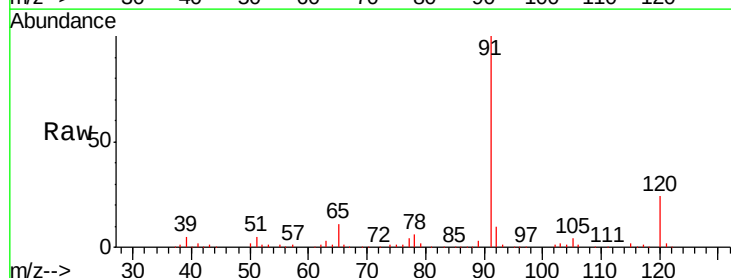
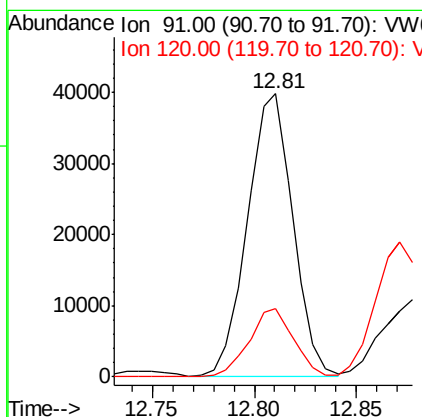
RT: 12.81 min Scan# 1789

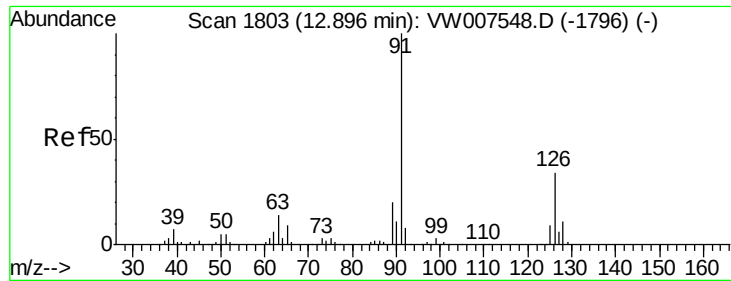
Delta R.T. 0.01 min

Lab File: VW007658.D

Acq: 18 Dec 2018 15:09

Tgt Ion:	91	Resp:	61726
Ion Ratio	Lower	Upper	
91	100		
120	24.0	11.9	35.5





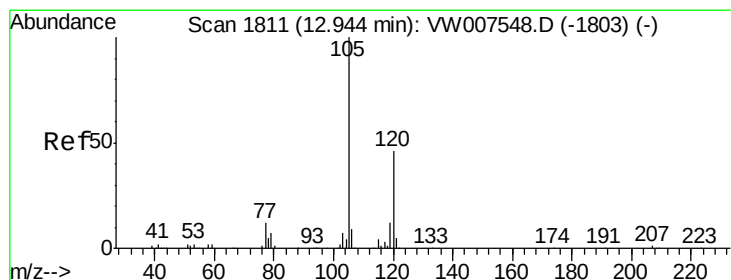
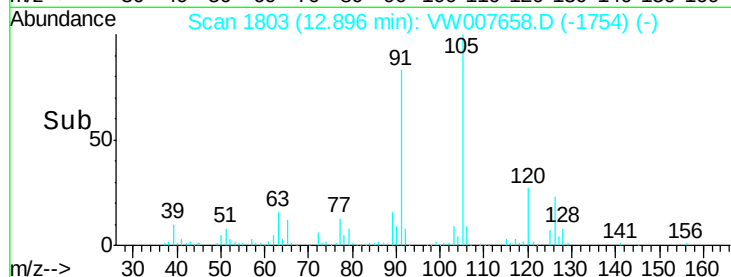
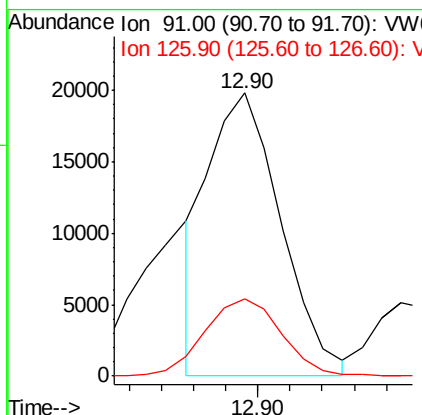
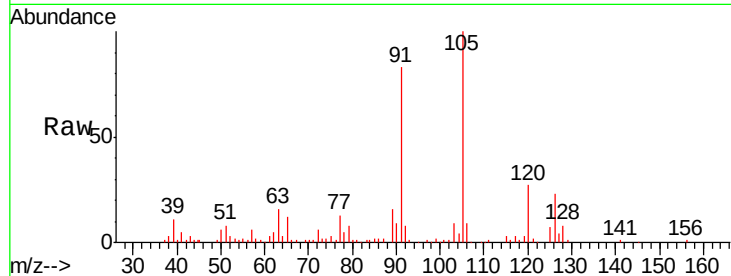
#79
 2-Chlorotoluene
 Concen: 65.323 ug/l m
 RT: 12.90 min Scan# 1803
 Delta R.T. 0.00 min
 Lab File: VW007658.D
 Acq: 18 Dec 2018 15:09

Instrument :
 MSVOA_W
 ClientSampleId :
 P001-SS001-0002-01MSD

Tgt Ion: 91 Resp: 31381
 Ion Ratio Lower Upper
 91 100
 126 28.7 15.9 47.6

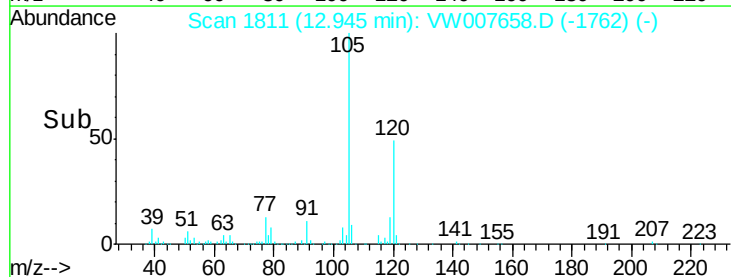
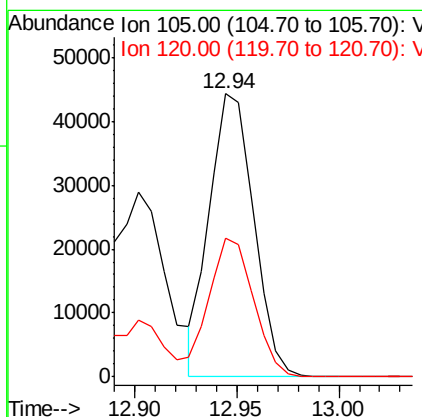
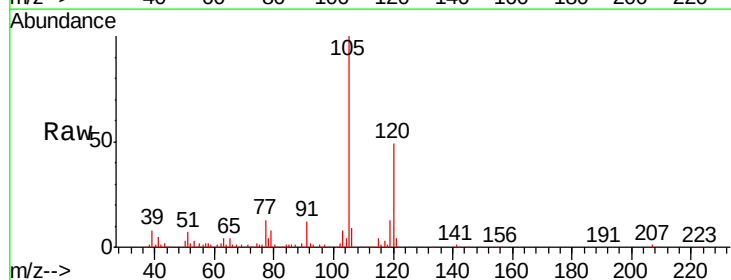
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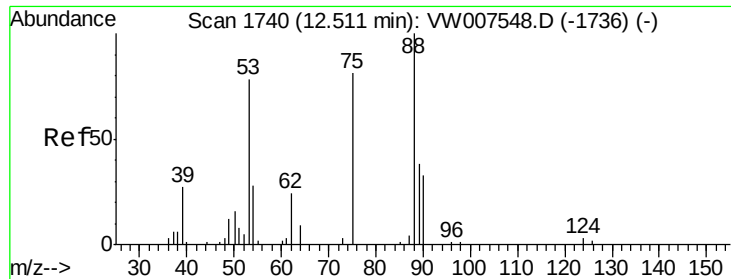
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#80
 1,3,5-Trimethylbenzene
 Concen: 111.989 ug/l
 RT: 12.94 min Scan# 1811
 Delta R.T. 0.00 min
 Lab File: VW007658.D
 Acq: 18 Dec 2018 15:09

Tgt Ion: 105 Resp: 66384
 Ion Ratio Lower Upper
 105 100
 120 50.6 23.8 71.4





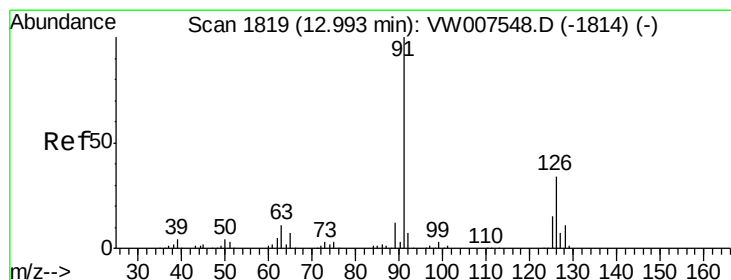
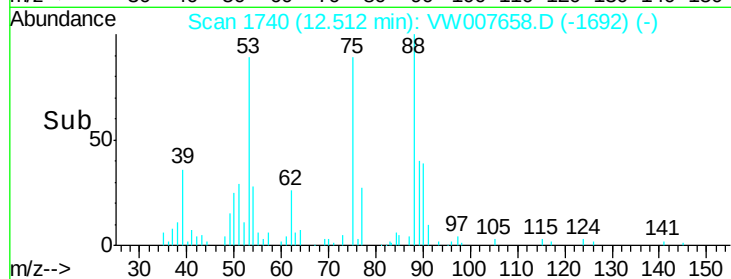
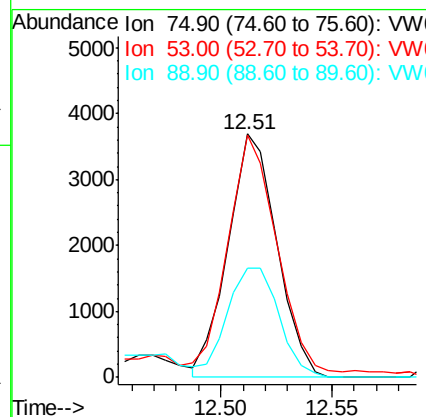
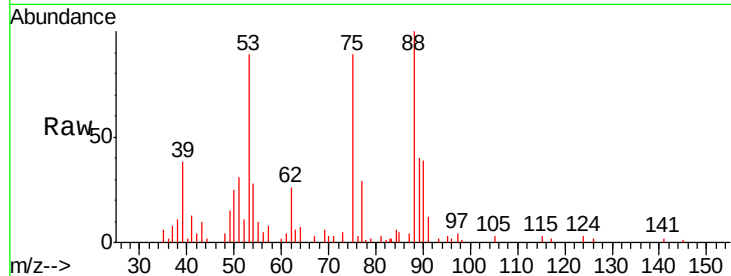
#81
trans-1,4-Dichloro-2-butene
Concen: 163.622 ug/l
RT: 12.51 min Scan# 1740
Delta R.T. -0.01 min
Lab File: VW007658.D
Acq: 18 Dec 2018 15:09

Instrument :
MSVOA_W
ClientSampleId :
P001-SS001-0002-01MSD

Tgt Ion	Ratio	Lower	Upper
75	100		
53	98.8	84.9	127.3
89	48.0	40.3	60.5

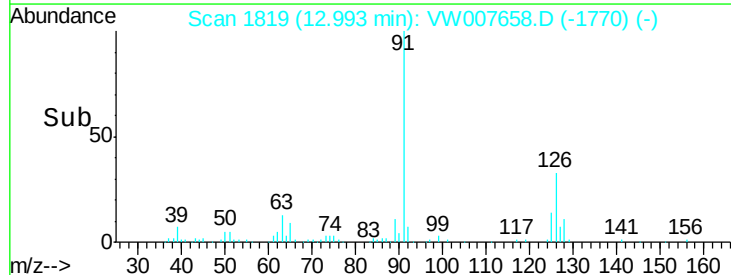
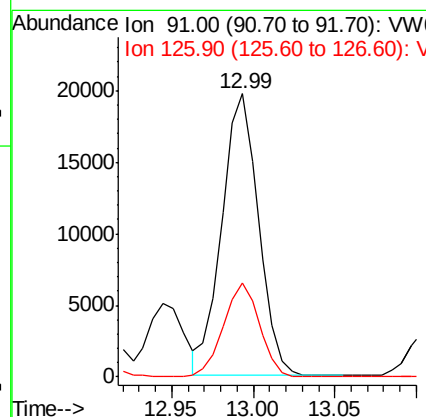
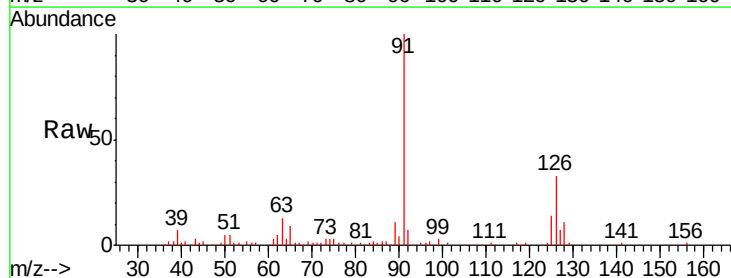
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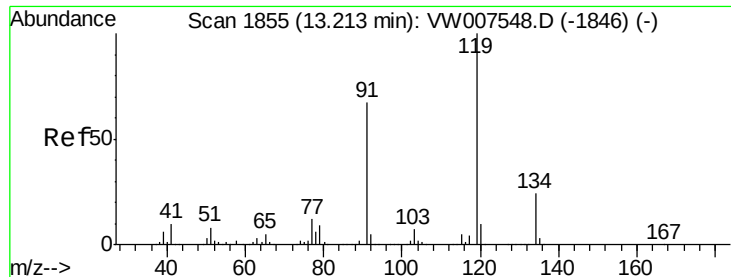
apatel
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#82
4-Chlorotoluene
Concen: 60.994 ug/l
RT: 12.99 min Scan# 1819
Delta R.T. 0.00 min
Lab File: VW007658.D
Acq: 18 Dec 2018 15:09

Tgt Ion	Ratio	Lower	Upper
91	100		
126	32.9	16.0	48.0





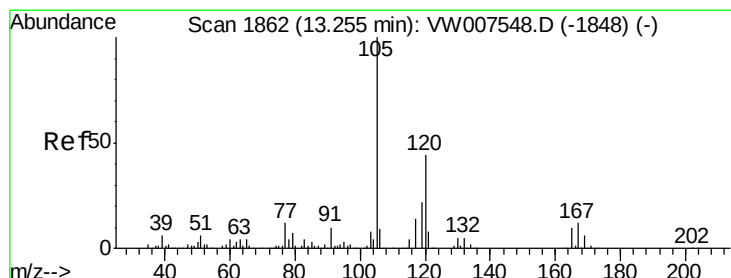
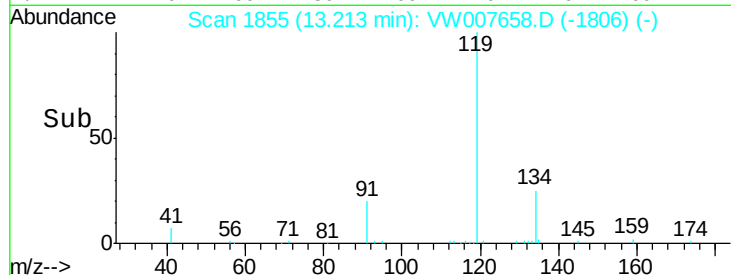
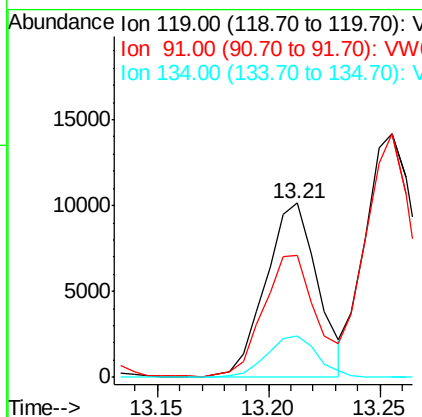
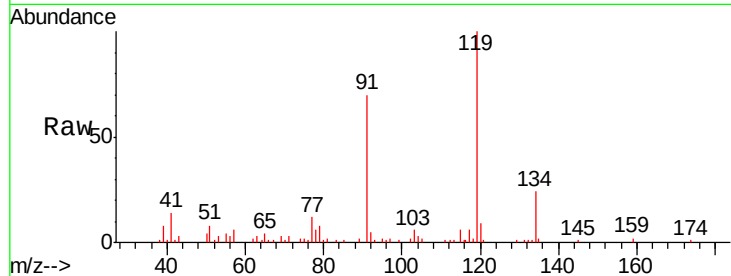
#83
 tert-Butylbenzene
 Concen: 31.433 ug/l
 RT: 13.21 min Scan# 1855
 Delta R.T. 0.00 min
 Lab File: VW007658.D
 Acq: 18 Dec 2018 15:09

Instrument :
 MSVOA_W
 ClientSampleId :
 P001-SS001-0002-01MSD

Tgt Ion	Ratio	Lower	Upper
119	100		
91	70.5	33.1	99.2
134	23.3	12.5	37.5

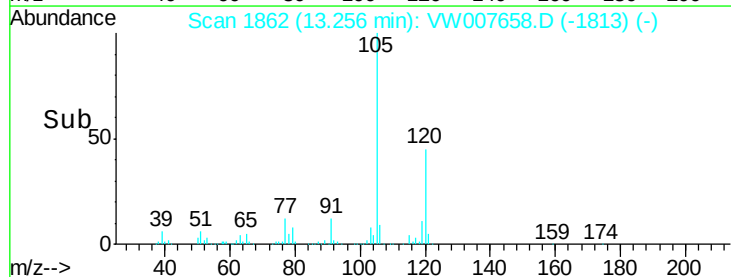
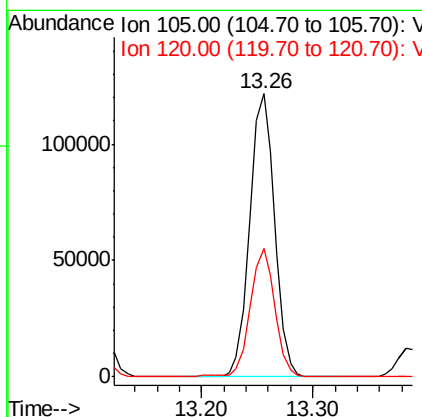
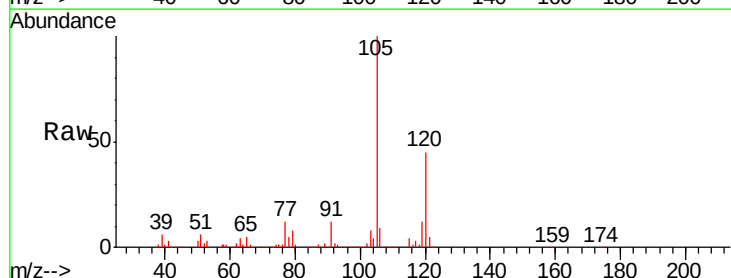
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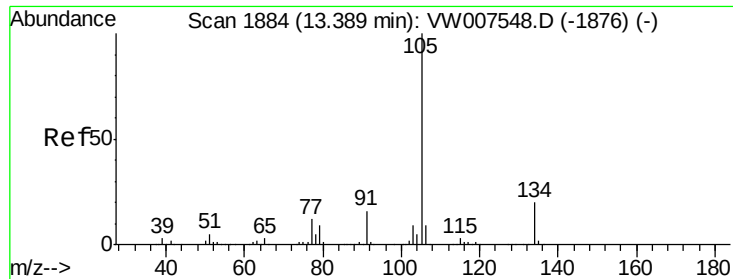
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#84
 1,2,4-Trimethylbenzene
 Concen: 309.476 ug/l
 RT: 13.26 min Scan# 1862
 Delta R.T. 0.00 min
 Lab File: VW007658.D
 Acq: 18 Dec 2018 15:09

Tgt Ion	Ratio	Lower	Upper
105	100		
120	45.2	22.6	67.7





#85

sec-Butylbenzene

Concen: 27.271 ug/l

RT: 13.38 min Scan# 1883

Delta R.T. -0.01 min

Lab File: VW007658.D

Acq: 18 Dec 2018 15:09

Instrument :

MSVOA_W

ClientSampleId :

P001-SS001-0002-01MSD

Tgt Ion:105 Resp: 19445

Ion Ratio Lower Upper

105 100

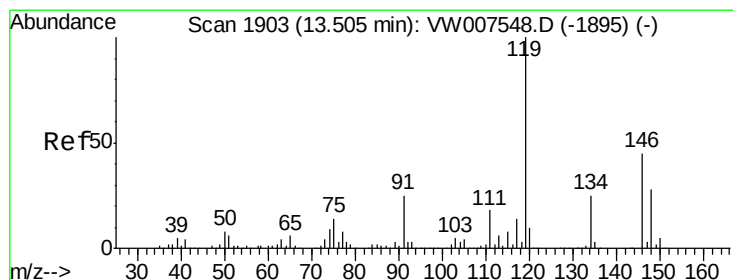
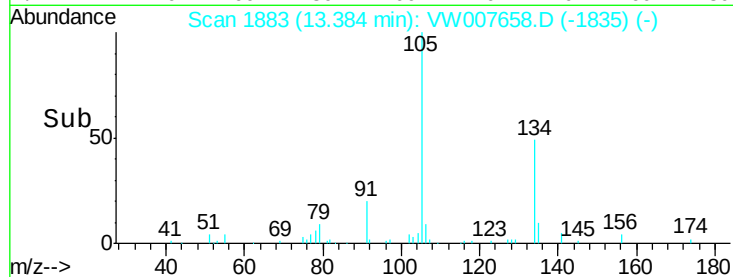
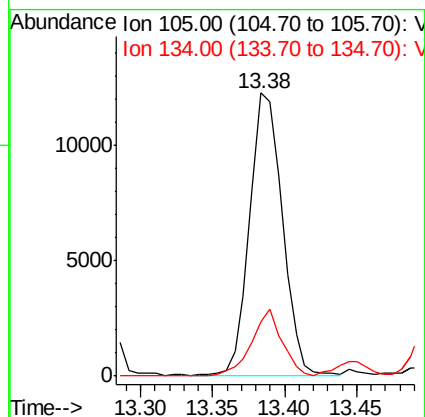
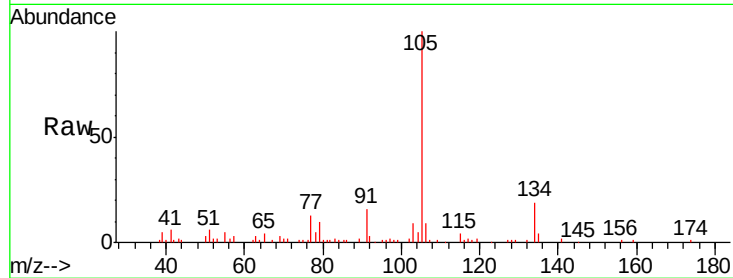
134 21.8 11.1 33.3

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#86

p-Isopropyltoluene

Concen: 26.876 ug/l

RT: 13.50 min Scan# 1902

Delta R.T. -0.01 min

Lab File: VW007658.D

Acq: 18 Dec 2018 15:09

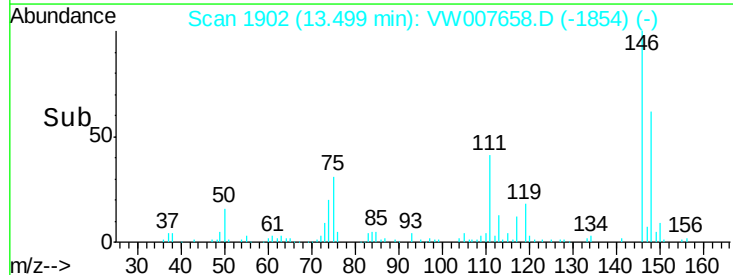
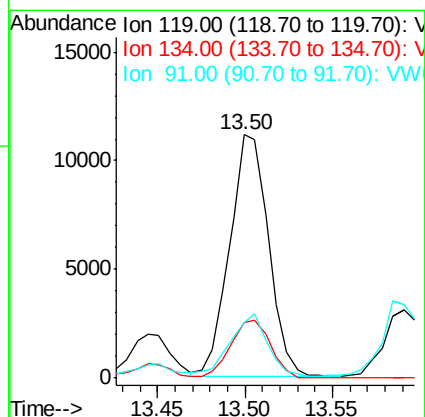
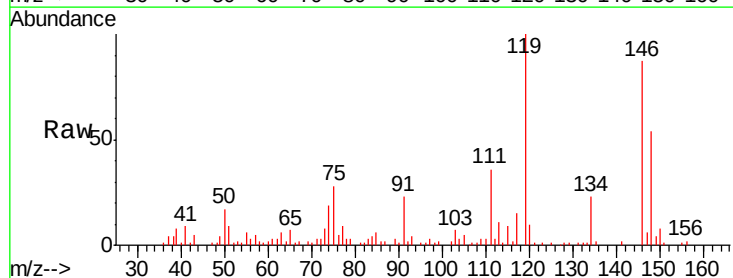
Tgt Ion:119 Resp: 17216

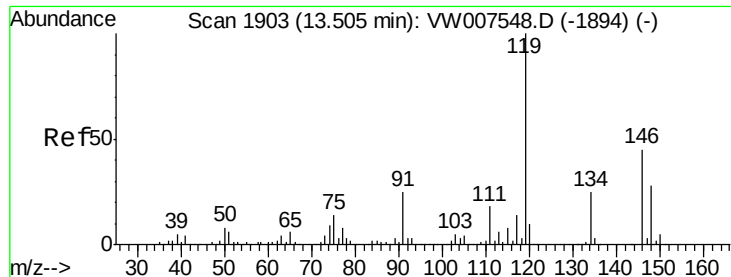
Ion Ratio Lower Upper

119 100

134 24.5 12.9 38.7

91 24.2 11.9 35.9





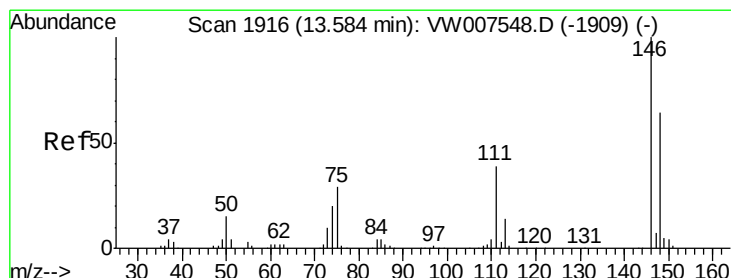
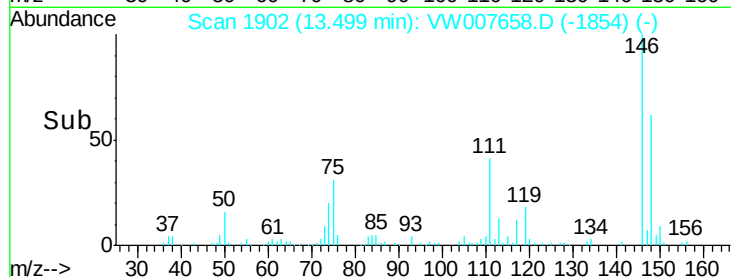
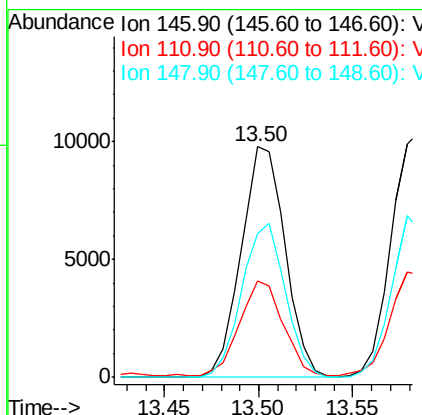
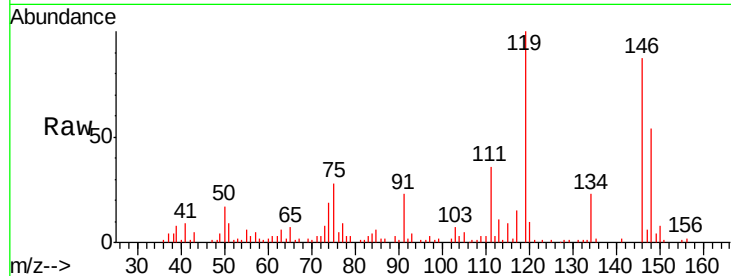
#87
1,3-Dichlorobenzene
Concen: 50.728 ug/l
RT: 13.50 min Scan# 1902
Delta R.T. -0.01 min
Lab File: VW007658.D
Acq: 18 Dec 2018 15:09

Instrument :
MSVOA_W
ClientSampleId :
P001-SS001-0002-01MSD

Tgt Ion	Ratio	Lower	Upper
146	100		
111	40.7	20.1	60.3
148	66.0	31.4	94.0

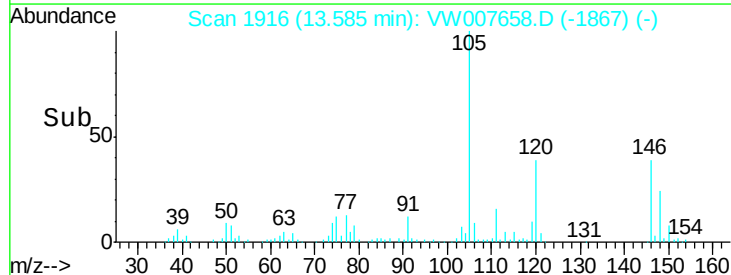
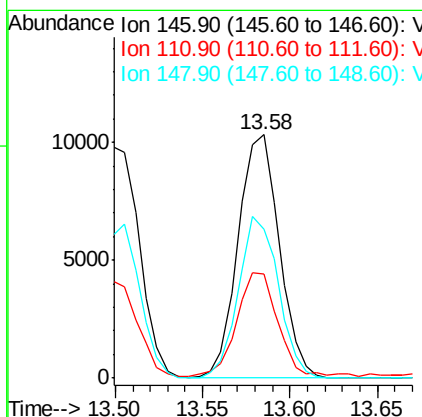
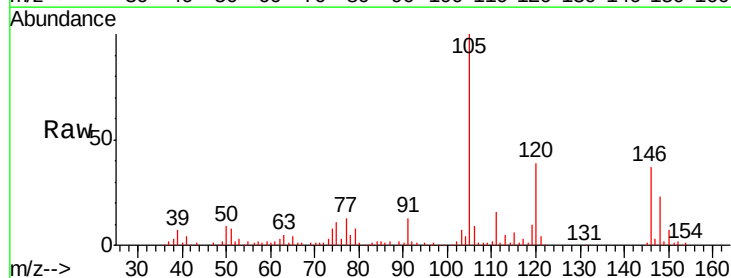
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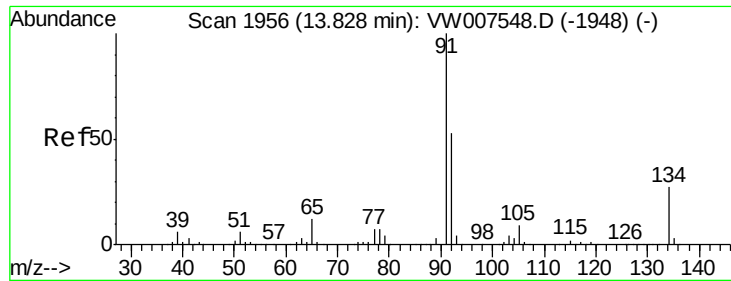
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#88
1,4-Dichlorobenzene
Concen: 54.144 ug/l
RT: 13.58 min Scan# 1916
Delta R.T. 0.00 min
Lab File: VW007658.D
Acq: 18 Dec 2018 15:09

Tgt Ion	Ratio	Lower	Upper
146	100		
111	42.6	20.3	61.0
148	64.2	33.5	100.5





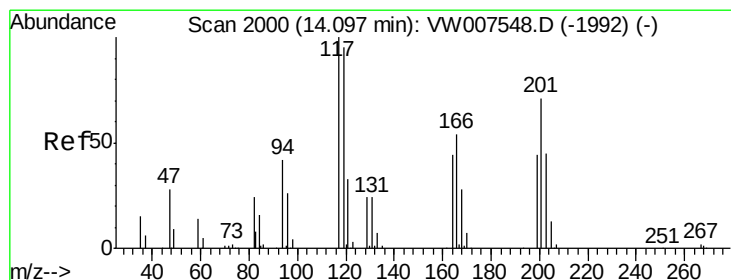
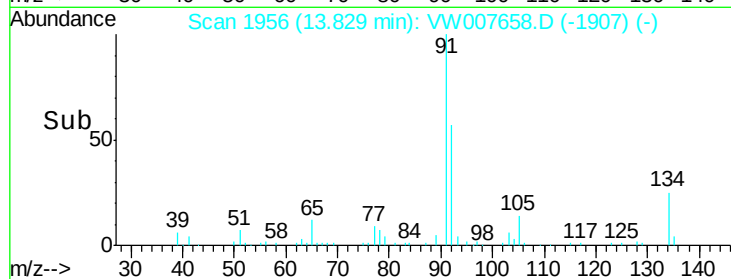
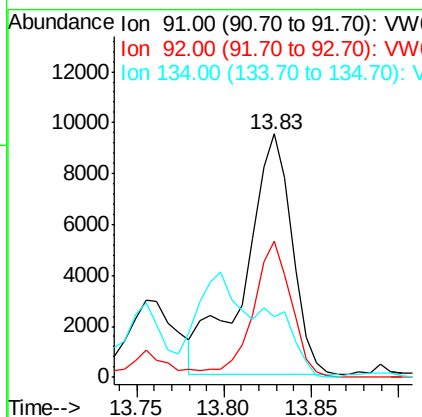
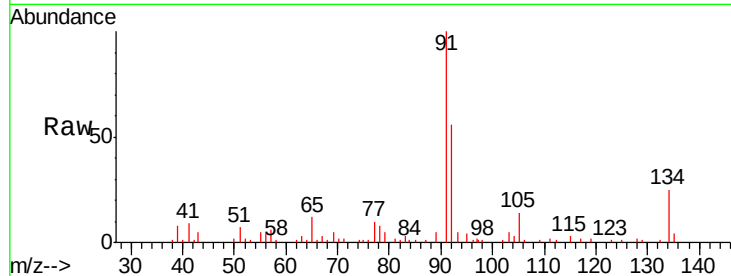
#89
n-Butylbenzene
Concen: 29.680 ug/l
RT: 13.83 min Scan# 1956
Delta R.T. 0.00 min
Lab File: VW007658.D
Acq: 18 Dec 2018 15:09

Instrument :
MSVOA_W
ClientSampleId :
P001-SS001-0002-01MSD

Tgt Ion: 91 Resp: 17625
Ion Ratio Lower Upper
91 100
92 46.2 25.7 77.1
134 0.0 13.4 40.2#

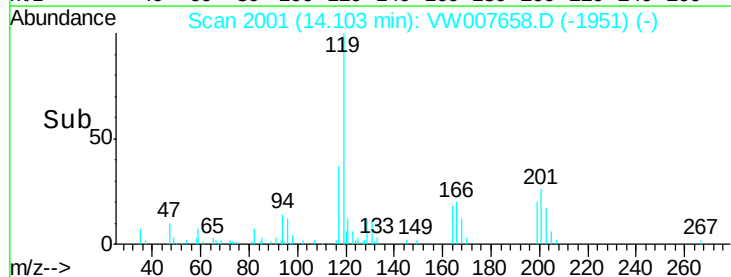
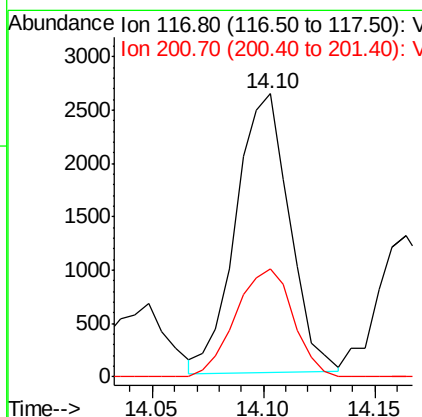
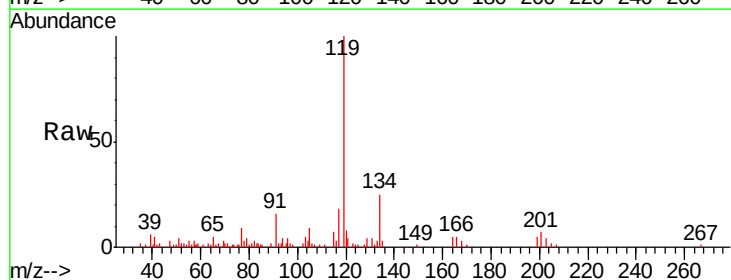
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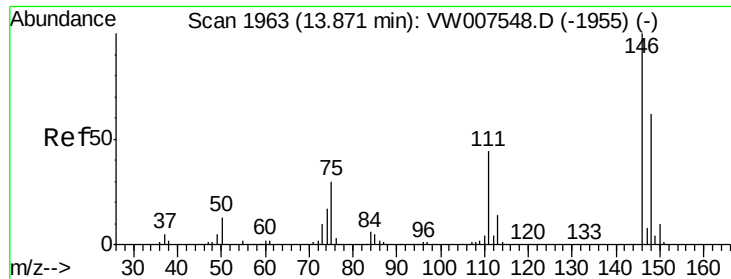
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#90
Hexachloroethane
Concen: 38.368 ug/l
RT: 14.10 min Scan# 2001
Delta R.T. 0.01 min
Lab File: VW007658.D
Acq: 18 Dec 2018 15:09

Tgt Ion: 117 Resp: 4373
Ion Ratio Lower Upper
117 100
201 41.4 35.3 105.9





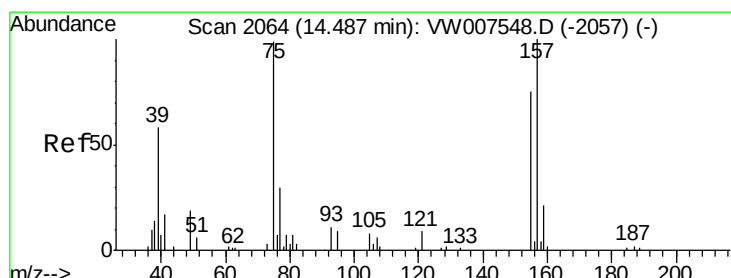
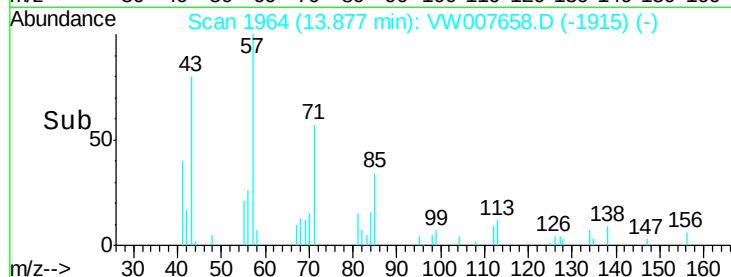
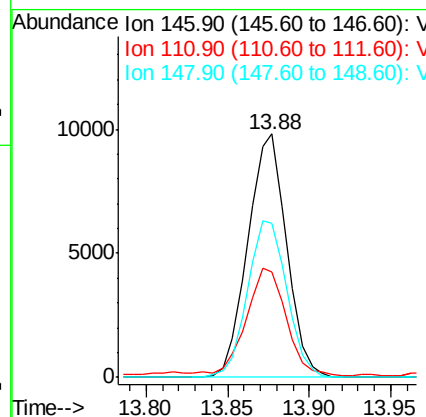
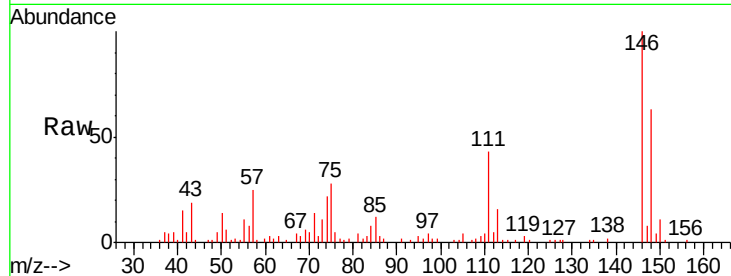
#91
 1,2-Dichlorobenzene
 Concen: 57.937 ug/l
 RT: 13.88 min Scan# 1964
 Delta R.T. 0.00 min
 Lab File: VW007658.D
 Acq: 18 Dec 2018 15:09

Instrument :
 MSVOA_W
 ClientSampleId :
 P001-SS001-0002-01MSD

Tgt Ion	Ratio	Lower	Upper
146	100		
111	45.7	22.4	67.2
148	65.7	32.4	97.2

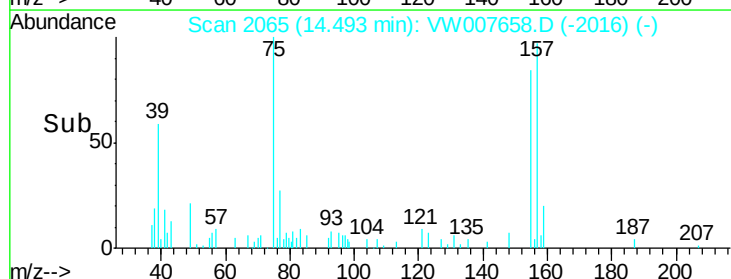
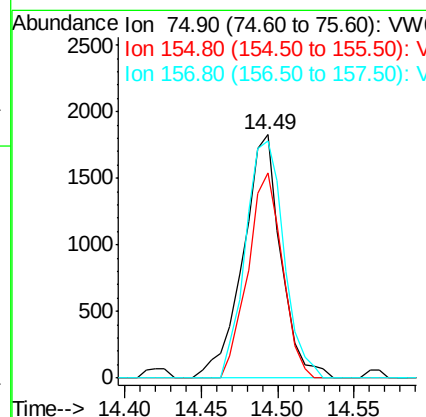
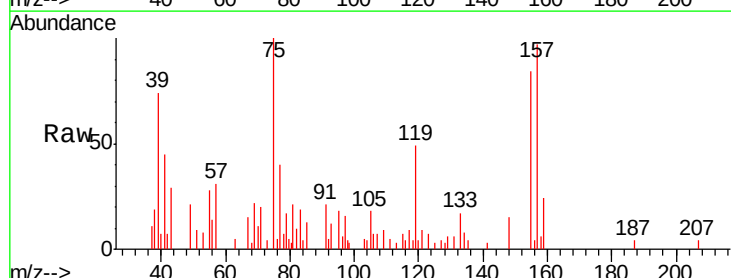
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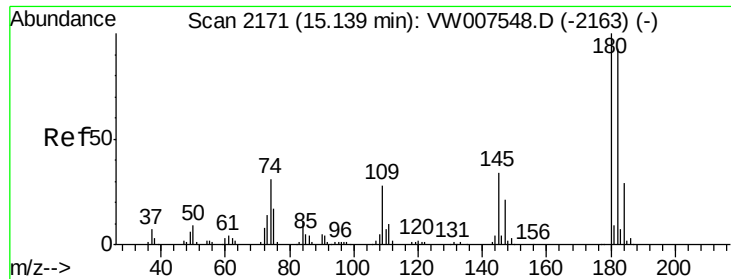
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 149.651 ug/l
 RT: 14.49 min Scan# 2065
 Delta R.T. 0.00 min
 Lab File: VW007658.D
 Acq: 18 Dec 2018 15:09

Tgt Ion	Ratio	Lower	Upper
75	100		
155	76.6	40.8	122.2
157	98.9	51.1	153.4





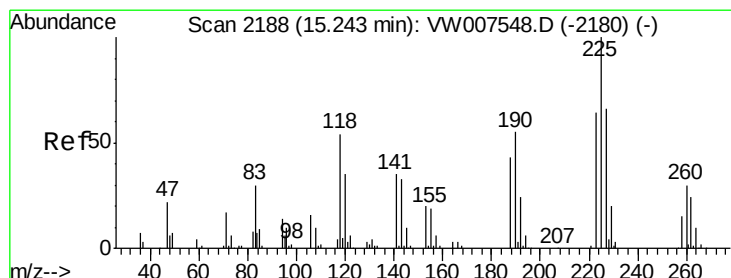
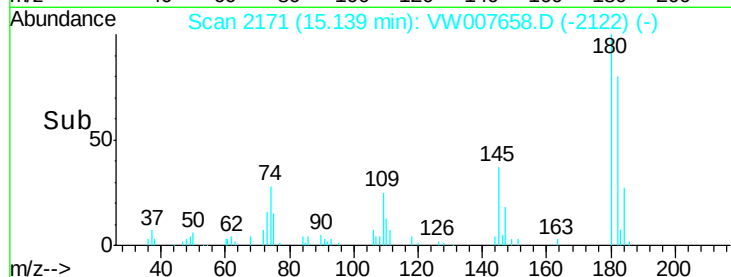
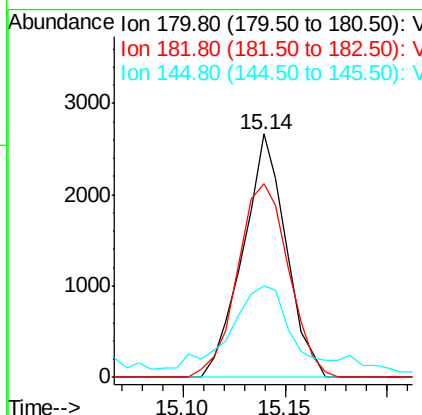
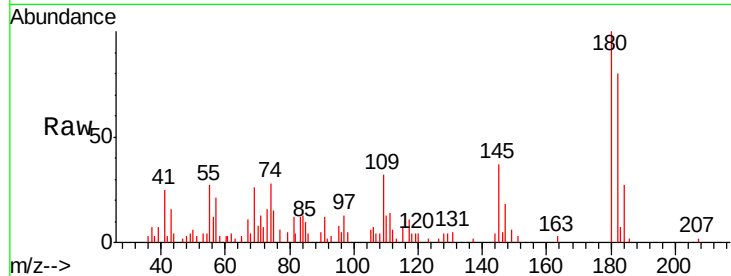
#93
1,2,4-Trichlorobenzene
Concen: 20.439 ug/l
RT: 15.14 min Scan# 2171
Delta R.T. 0.00 min
Lab File: VW007658.D
Acq: 18 Dec 2018 15:09

Instrument :
MSVOA_W
ClientSampleId :
P001-SS001-0002-01MSD

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	3928		
182	94.0	49.9	149.6	
145	64.8	17.8	53.4	

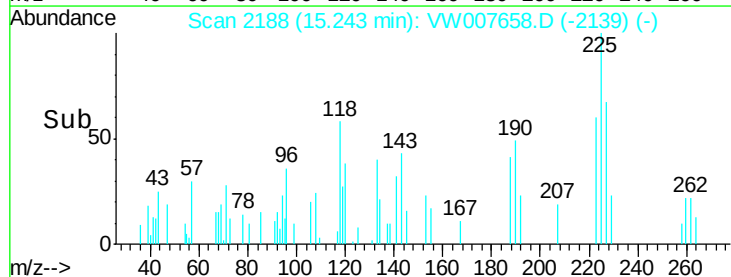
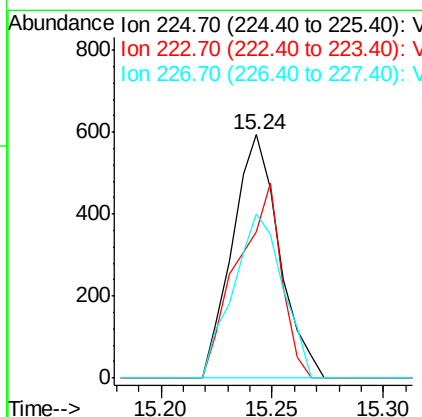
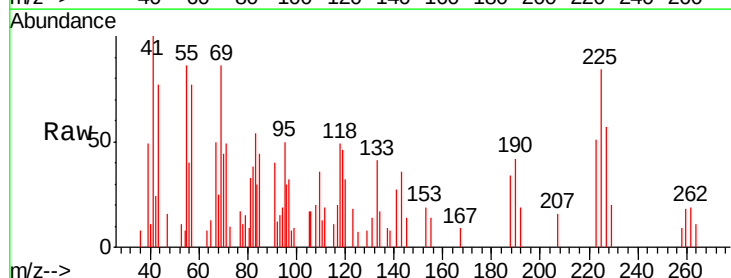
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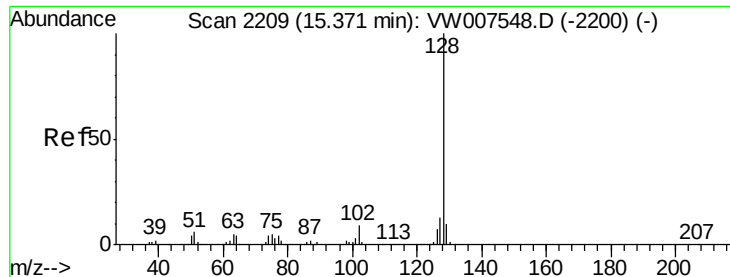
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#94
Hexachlorobutadiene
Concen: 8.542 ug/l
RT: 15.24 min Scan# 2188
Delta R.T. 0.00 min
Lab File: VW007658.D
Acq: 18 Dec 2018 15:09

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	871		
223	74.4	32.1	96.3	
227	71.1	31.9	95.9	





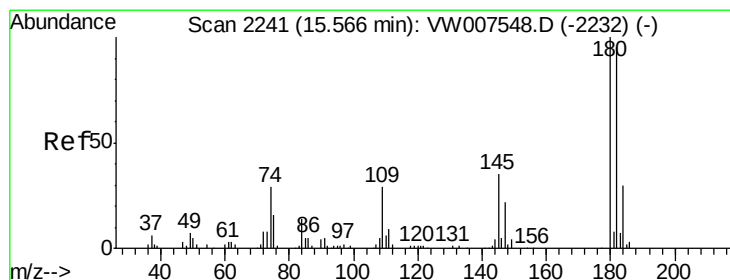
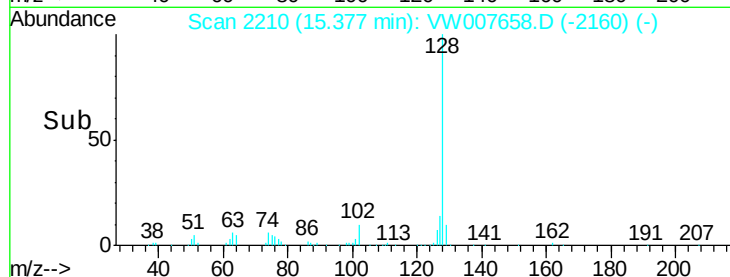
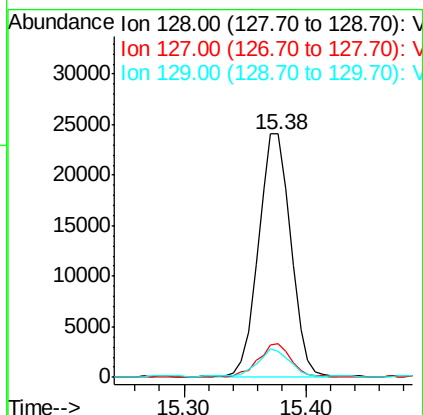
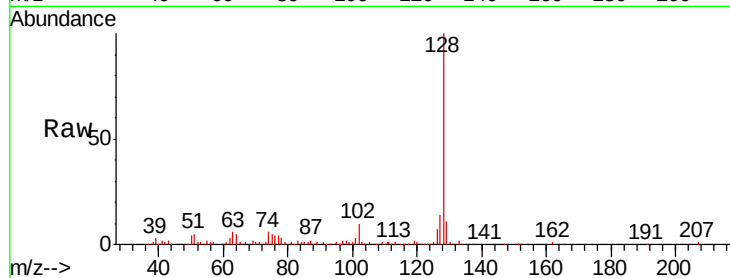
#95
Naphthalene
Concen: 121.585 ug/l
RT: 15.38 min Scan# 2210
Delta R.T. 0.01 min
Lab File: VW007658.D
Acq: 18 Dec 2018 15:09

Instrument :
MSVOA_W
ClientSampleId :
P001-SS001-0002-01MSD

Tgt Ion	Ratio	Lower	Upper
128	100		
127	14.2	10.2	15.4
129	12.2	8.3	12.5

Manual Integrations
APPROVED

apatel
12/19/2018 12:15:27 PM



#96
1,2,3-Trichlorobenzene
Concen: 21.678 ug/l
RT: 15.57 min Scan# 2241
Delta R.T. 0.01 min
Lab File: VW007658.D
Acq: 18 Dec 2018 15:09

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.5	45.6	136.7
145	65.5	17.5	52.5

