

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW121118\
 Data File : VW007380.D
 Acq On : 11 Dec 2018 03:58
 Operator : SY/AP
 Sample : VW1211SBSD01
 Misc : 5.00G/5ML/MSVOA_W/SOIL
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1211SBSD01

Manual Integrations
 APPROVED

sam
 12/27/2018 8:19:44 AM

Quant Time: Dec 11 04:32:16 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W121118S.M
 Quant Title : SW846 8260
 QLast Update : Tue Dec 11 02:58:16 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	85201	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	144708	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	123804	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	58524	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	48181	50.97	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.94%	
35) Dibromofluoromethane	7.88	113	45485	51.92	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.84%	
50) Toluene-d8	10.32	98	170907	52.04	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.08%	
62) 4-Bromofluorobenzene	12.62	95	63489	52.57	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.14%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.01	85	14055	23.606	ug/l	91
3) Chloromethane	2.22	50	10941	21.942	ug/l	94
4) Vinyl Chloride	2.37	62	13622	23.279	ug/l	99
5) Bromomethane	2.78	94	8175	20.793	ug/l	81
6) Chloroethane	2.93	64	6970	21.638	ug/l	98
7) Trichlorofluoromethane	3.26	101	11354	21.582	ug/l	93
8) Diethyl Ether	3.68	74	8504	20.653	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	4.06	101	17444	20.095	ug/l	96
10) Methyl Iodide	4.26	142	30029	20.887	ug/l	99
11) Tert butyl alcohol	5.17	59	8456	130.257	ug/l #	95
12) 1,1-Dichloroethene	4.04	96	17673	21.145	ug/l	95
13) Acrolein	3.89	56	4834	112.535	ug/l	97
14) Allyl chloride	4.66	41	25574	20.758	ug/l	98
15) Acrylonitrile	5.37	53	17842	102.787	ug/l	99
16) Acetone	4.12	43	16444	99.597	ug/l	94
17) Carbon Disulfide	4.38	76	54119	21.356	ug/l	98
18) Methyl Acetate	4.67	43	10109	22.559	ug/l	98
19) Methyl tert-butyl Ether	5.42	73	27201	21.574	ug/l	96
20) Methylene Chloride	4.91	84	20398	20.262	ug/l	97
21) trans-1,2-Dichloroethene	5.42	96	19129	20.459	ug/l	96
22) Diisopropyl ether	6.31	45	49628	20.957	ug/l	95
23) Vinyl Acetate	6.26	43	134260	101.364	ug/l	99
24) 1,1-Dichloroethane	6.21	63	31880	19.919	ug/l	99
25) 2-Butanone	7.17	43	21402	99.293	ug/l	96
26) 2,2-Dichloropropane	7.17	77	21546	20.341	ug/l	99
27) cis-1,2-Dichloroethene	7.17	96	21190	20.698	ug/l	98
28) Bromochloromethane	7.51	49	12240	20.332	ug/l	95
29) Tetrahydrofuran	7.53	42	14673	107.531	ug/l	99
30) Chloroform	7.68	83	36241	20.808	ug/l	100
31) Cyclohexane	7.95	56	30405	20.706	ug/l	95
32) 1,1,1-Trichloroethane	7.87	97	31644	20.718	ug/l	99
36) 1,1-Dichloropropene	8.08	75	27929	21.157	ug/l	99
37) Ethyl Acetate	7.26	43	10276	20.929	ug/l	95
38) Carbon Tetrachloride	8.07	117	30414	21.175	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	33251	20.802	ug/l	94
40) Benzene	8.32	78	77229	21.081	ug/l	98
41) Methacrylonitrile	7.48	41	5886	21.052	ug/l	95
42) 1,2-Dichloroethane	8.40	62	23828	20.706	ug/l	99
43) Isopropyl Acetate	8.43	43	19999	20.621	ug/l	98
44) Trichloroethene	9.09	130	21610	20.657	ug/l	89
45) 1,2-Dichloropropane	9.37	63	17605	20.766	ug/l	96
46) Dibromomethane	9.46	93	9957	20.682	ug/l	95
47) Bromodichloromethane	9.64	83	26081	20.653	ug/l	97
48) Methyl methacrylate	9.44	41	9517	19.107	ug/l	95
49) 1,4-Dioxane	9.45	88	3365	430.771	ug/l	97
51) 4-Methyl-2-Pentanone	10.21	43	47619	103.915	ug/l	100
52) Toluene	10.39	92	50731	21.398	ug/l	100
53) t-1,3-Dichloropropene	10.60	75	25429	20.742	ug/l	99
54) cis-1,3-Dichloropropene	10.07	75	28545	20.141	ug/l	97
55) 1,1,2-Trichloroethane	10.79	97	13455	20.535	ug/l	92
56) Ethyl methacrylate	10.65	69	17156	21.784	ug/l	95
57) 1,3-Dichloropropane	10.93	76	21937	20.398	ug/l	97
58) 2-Chloroethyl Vinyl ether	9.93	63	31738	87.389	ug/l	99
59) 2-Hexanone	10.97	43	31877	104.323	ug/l	97
60) Dibromochloromethane	11.13	129	17207	20.809	ug/l	100
61) 1,2-Dibromoethane	11.24	107	13133	20.282	ug/l	96
64) Tetrachloroethene	10.87	164	18107	20.338	ug/l	93
65) Chlorobenzene	11.66	112	54692	21.195	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.73	131	19117	21.035	ug/l	99
67) Ethyl Benzene	11.73	91	97086	21.883	ug/l	94
68) m/p-Xylenes	11.84	106	71986	41.737	ug/l	99
69) o-Xylene	12.17	106	35800	22.225	ug/l	99
70) Styrene	12.18	104	57230	21.997	ug/l	98
71) Bromoform	12.35	173	9182	19.738	ug/l #	92
73) Isopropylbenzene	12.47	105	93876	20.934	ug/l	98
74) N-amyl acetate	12.27	43	17019	20.883	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.72	83	14004	21.085	ug/l	93
76) 1,2,3-Trichloropropane	12.77	75	9270m	19.211	ug/l	
77) Bromobenzene	12.75	156	21168	21.296	ug/l	95
78) n-propylbenzene	12.81	91	111158	22.026	ug/l	99
79) 2-Chlorotoluene	12.90	91	64098	20.991	ug/l	94
80) 1,3,5-Trimethylbenzene	12.95	105	83671	22.206	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.52	75	4494	20.573	ug/l	89
82) 4-Chlorotoluene	12.99	91	67131	20.855	ug/l	94
83) tert-Butylbenzene	13.21	119	69864	21.043	ug/l	97
84) 1,2,4-Trimethylbenzene	13.26	105	85608	22.079	ug/l	93
85) sec-Butylbenzene	13.39	105	99942	22.051	ug/l	95
86) p-Isopropyltoluene	13.50	119	90477	22.221	ug/l	97
87) 1,3-Dichlorobenzene	13.51	146	41984	21.184	ug/l	97
88) 1,4-Dichlorobenzene	13.58	146	44186	22.177	ug/l	95
89) n-Butylbenzene	13.83	91	79678	21.109	ug/l	98
90) Hexachloroethane	14.10	117	15469	21.352	ug/l	100
91) 1,2-Dichlorobenzene	13.88	146	38435	21.653	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.49	75	2942	22.073	ug/l	96

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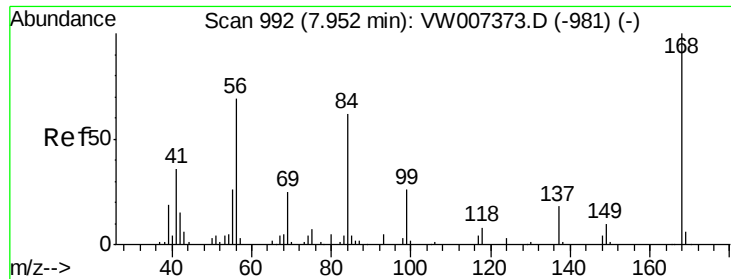
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.14	180	27153	22.228	ug/l	94
94) Hexachlorobutadiene	15.24	225	14333	22.114	ug/l	98
95) Naphthalene	15.37	128	50165	21.466	ug/l	98
96) 1,2,3-Trichlorobenzene	15.56	180	23175	21.839	ug/l	97

(#) = 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: VW007380.D

Acq: 11 Dec 2018 03:58

Instrument :

MSVOA_W

ClientSampleId :

VW1211SBSD01

Tgt Ion: 168 Resp: 85201

Ion Ratio Lower Upper

168 100

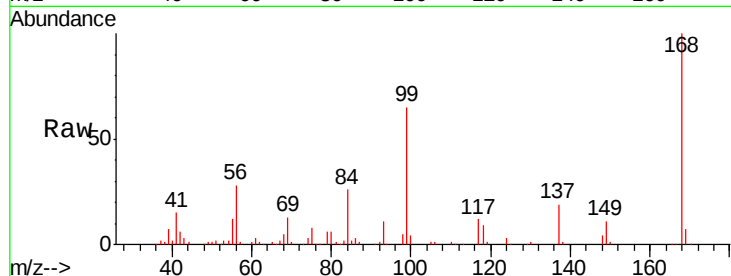
99 64.6 48.3 72.5

Manual Integrations

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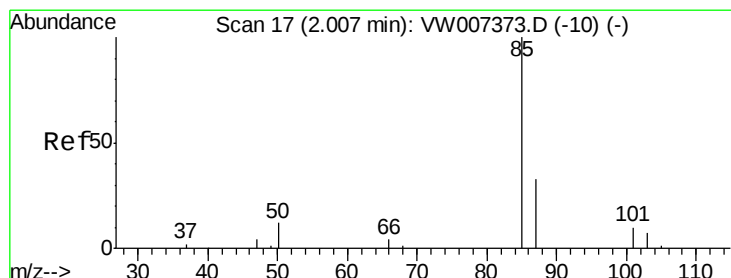
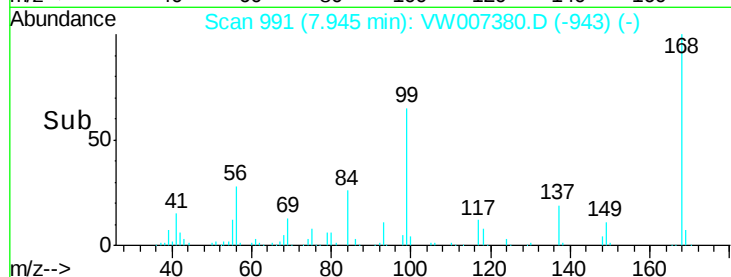
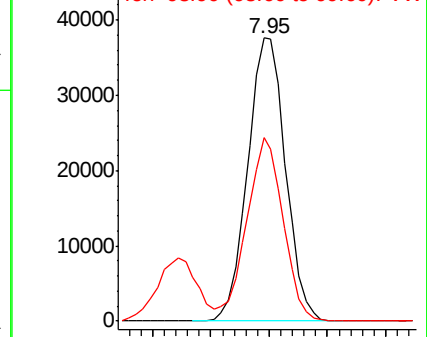
sam

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#2

Dichlorodifluoromethane

Concen: 23.606 ug/l

RT: 2.01 min Scan# 17

Delta R.T. -0.00 min

Lab File: VW007380.D

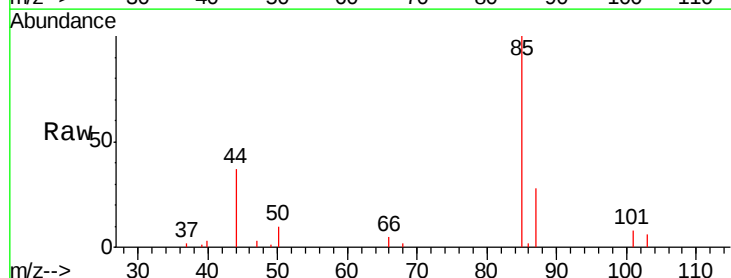
Acq: 11 Dec 2018 03:58

Tgt Ion: 85 Resp: 14055

Ion Ratio Lower Upper

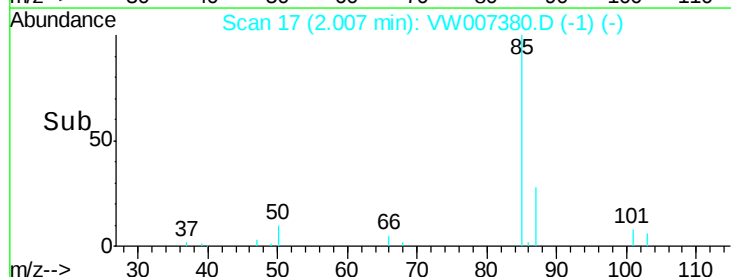
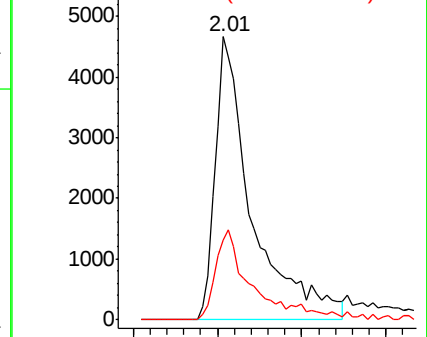
85 100

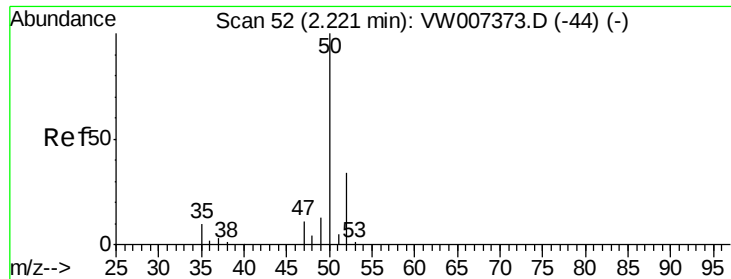
87 28.3 16.6 49.7



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW





#3

Chloromethane

Concen: 21.942 ug/l

RT: 2.22 min Scan# 52

Delta R.T. -0.00 min

Lab File: VW007380.D

Acq: 11 Dec 2018 03:58

Instrument :

MSVOA_W

ClientSampleId :

VW1211SBSD01

Tgt Ion: 50 Resp: 10941

Ion Ratio Lower Upper

50 100

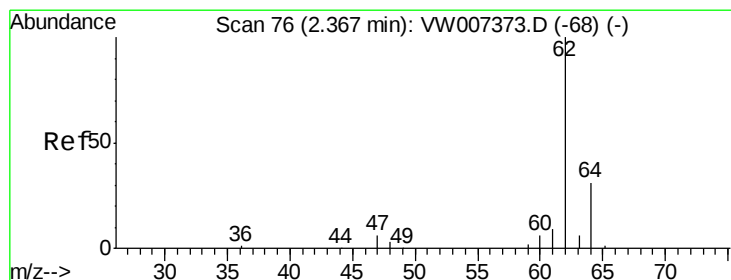
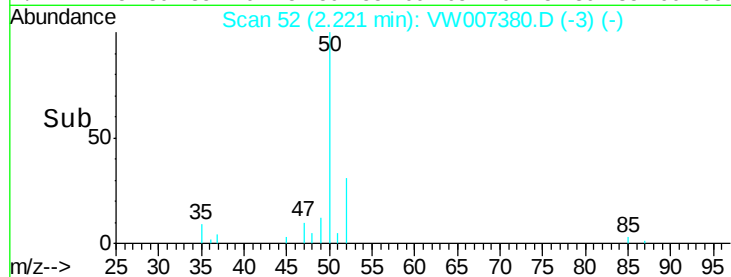
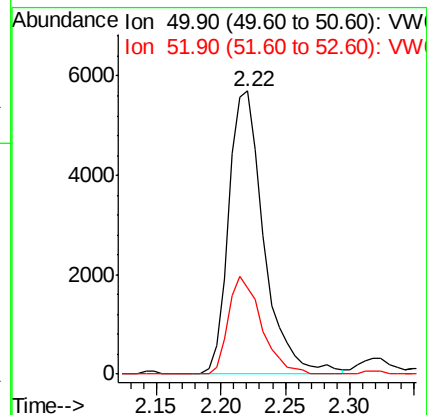
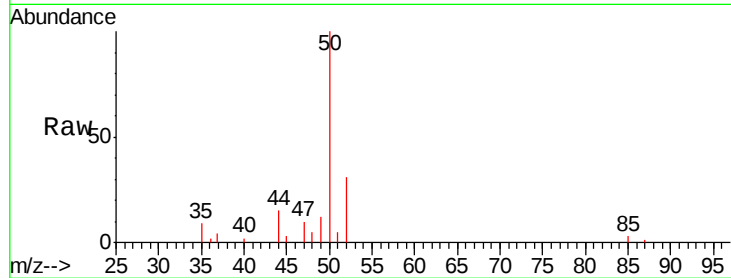
52 30.7 27.4 41.0

Manual Integrations

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#4

Vinyl Chloride

Concen: 23.279 ug/l

RT: 2.37 min Scan# 76

Delta R.T. -0.00 min

Lab File: VW007380.D

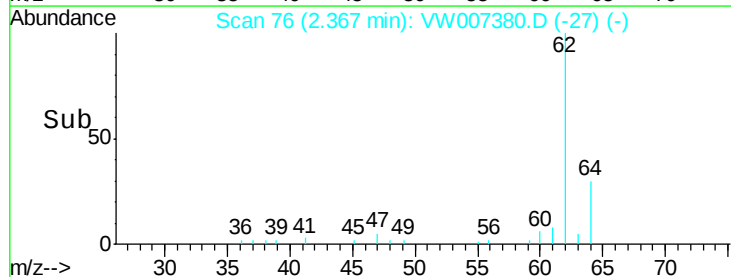
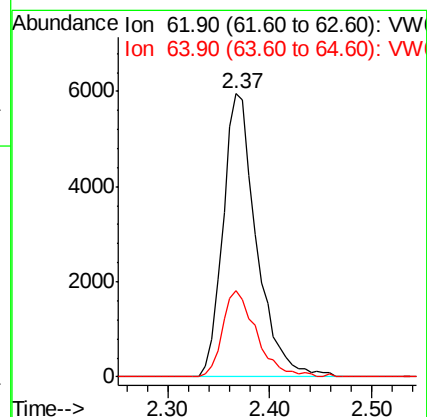
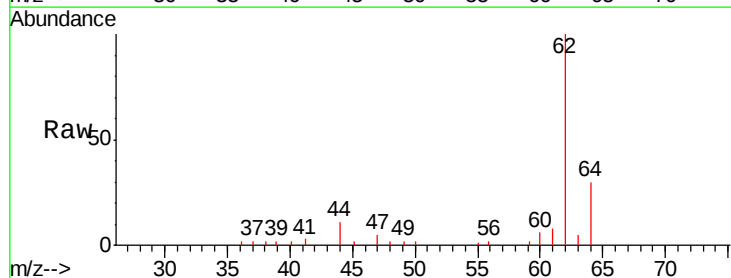
Acq: 11 Dec 2018 03:58

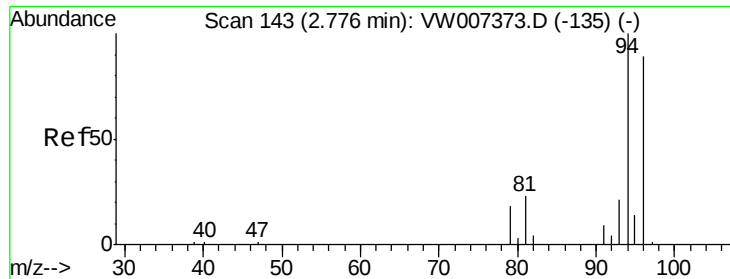
Tgt Ion: 62 Resp: 13622

Ion Ratio Lower Upper

62 100

64 30.3 24.6 37.0





#5

Bromomethane

Concen: 20.793 ug/l

RT: 2.78 min Scan# 143

Delta R.T. -0.00 min

Lab File: VW007380.D

Acq: 11 Dec 2018 03:58

Instrument :

MSVOA_W

ClientSampleId :

VW1211SBSD01

Tgt Ion: 94 Resp: 8175

Ion Ratio Lower Upper

94 100

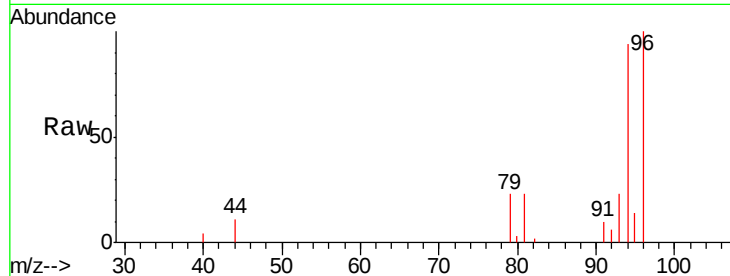
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Manual Integrations

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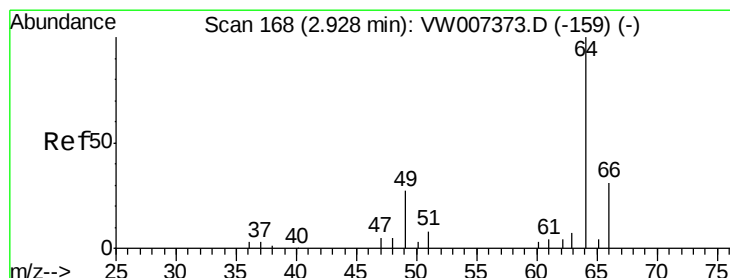
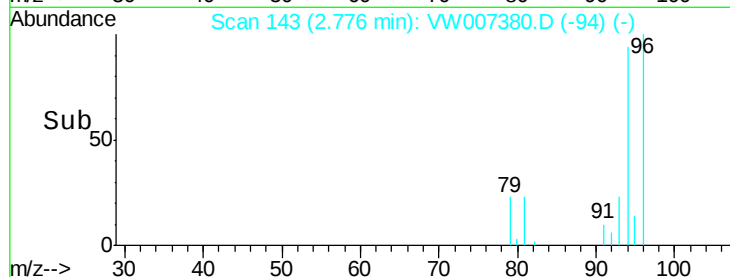
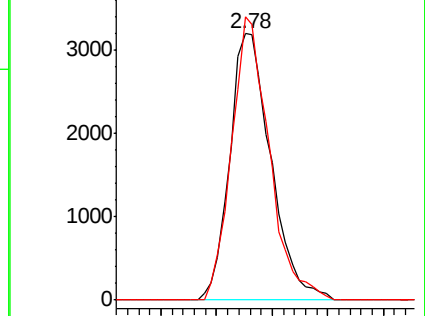
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Abundance Ion 93.90 (93.60 to 94.60): VW

Ion 95.90 (95.60 to 96.60): VW



#6

Chloroethane

Concen: 21.638 ug/l

RT: 2.93 min Scan# 168

Delta R.T. -0.00 min

Lab File: VW007380.D

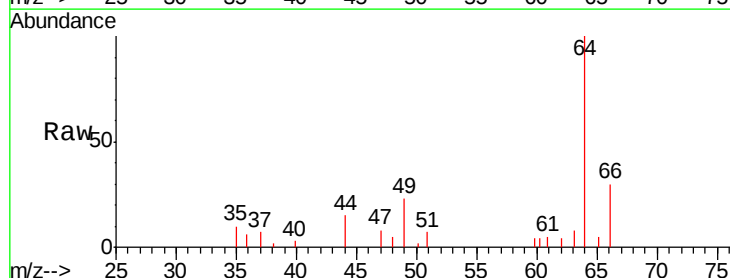
Acq: 11 Dec 2018 03:58

Tgt Ion: 64 Resp: 6970

Ion Ratio Lower Upper

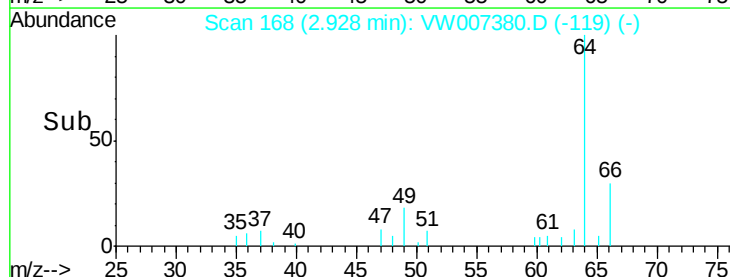
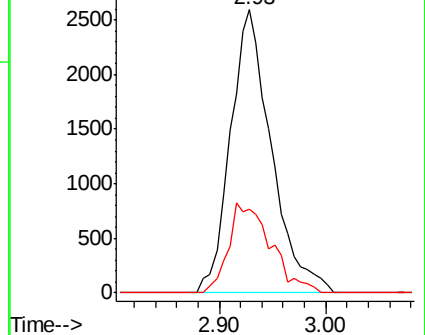
64 100

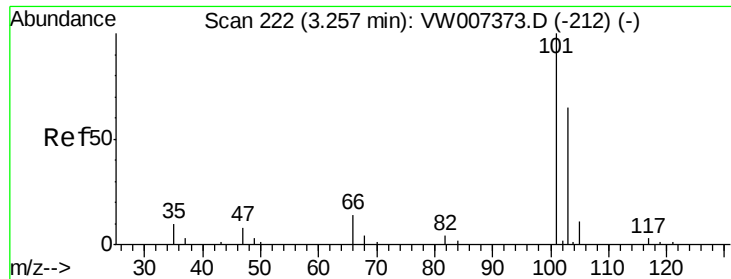
66 29.6 24.6 37.0



Abundance Ion 63.90 (63.60 to 64.60): VW

Ion 65.90 (65.60 to 66.60): VW





#7

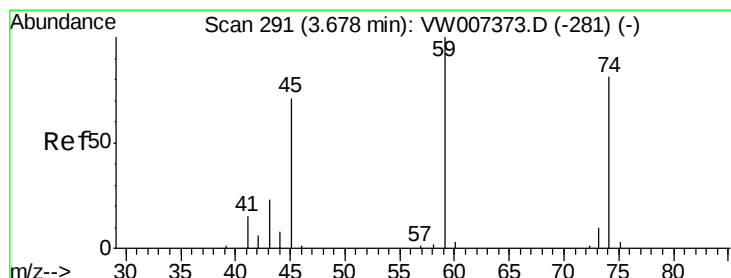
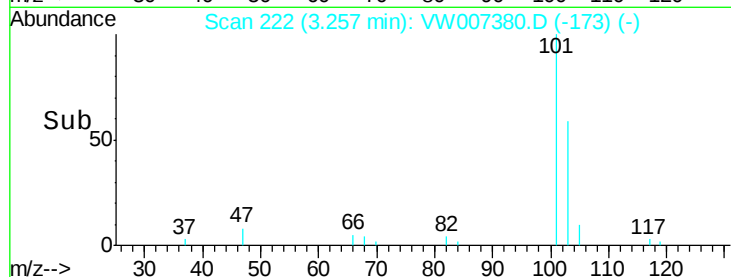
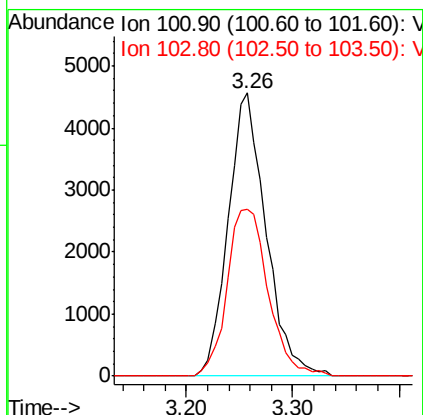
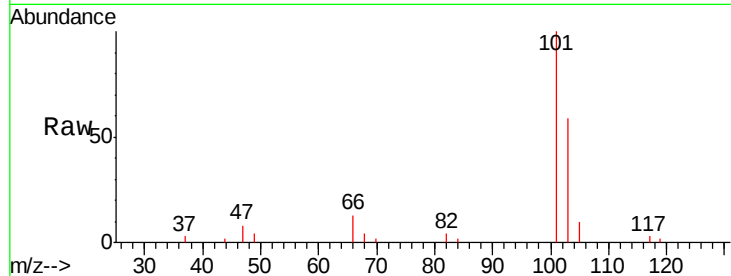
Trichlorofluoromethane
 Concen: 21.582 ug/l
 RT: 3.26 min Scan# 222
 Delta R.T. -0.00 min
 Lab File: VW007380.D
 Acq: 11 Dec 2018 03:58

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 VW1211SBSD01

Tgt Ion: 101 Resp: 11354
 Ion Ratio Lower Upper
 101 100
 103 59.0 51.7 77.5

Manual Integrations
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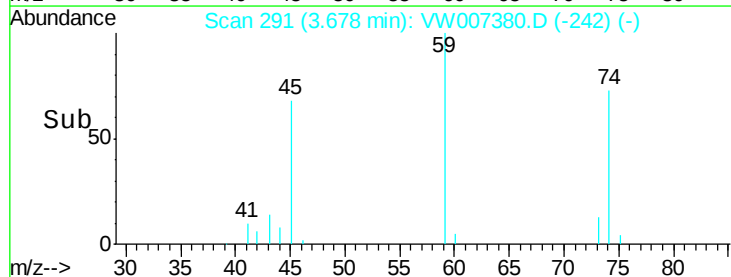
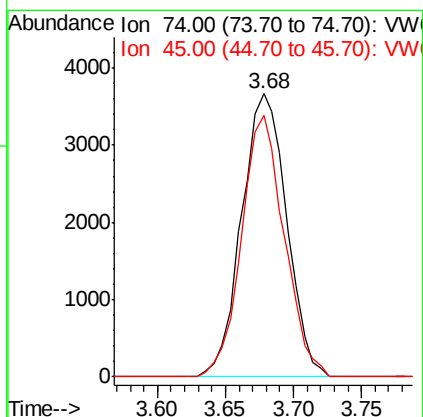
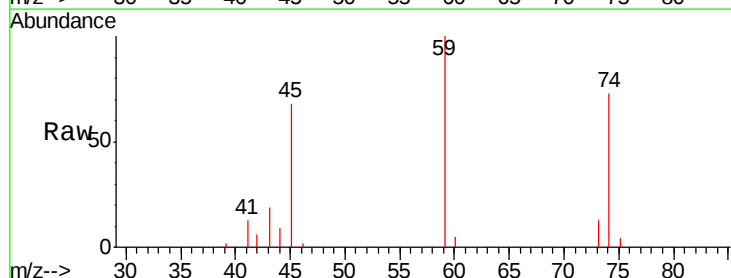
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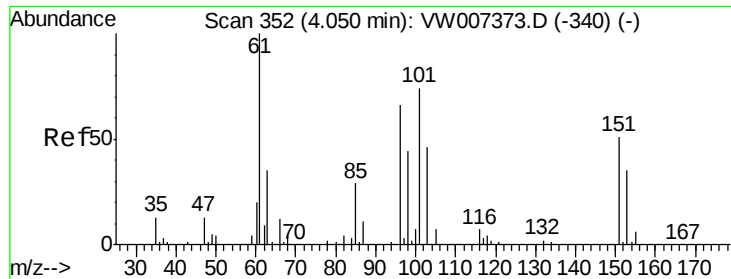


#8

Diethyl Ether
 Concen: 20.653 ug/l
 RT: 3.68 min Scan# 291
 Delta R.T. -0.00 min
 Lab File: VW007380.D
 Acq: 11 Dec 2018 03:58

Tgt Ion: 74 Resp: 8504
 Ion Ratio Lower Upper
 74 100
 45 87.4 43.0 129.0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 20.095 ug/l

RT: 4.06 min Scan# 354

Delta R.T. 0.01 min

Lab File: VW007380.D

Acq: 11 Dec 2018 03:58

Instrument :

MSVOA_W

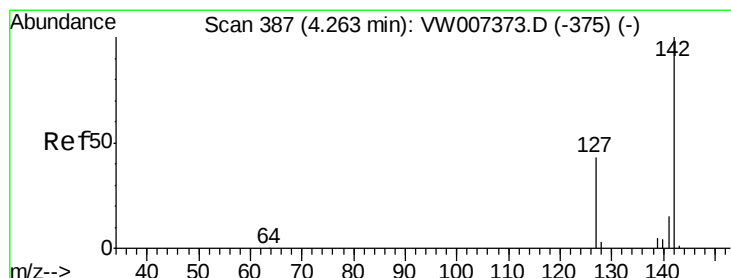
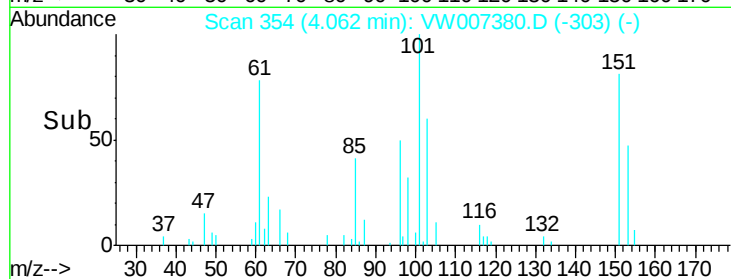
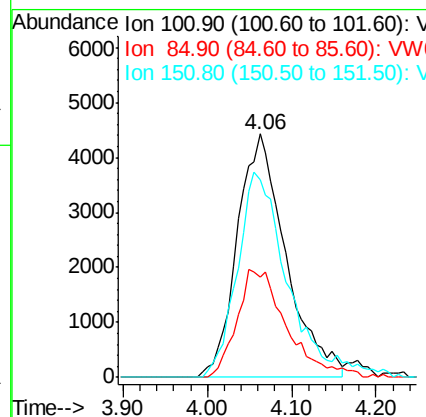
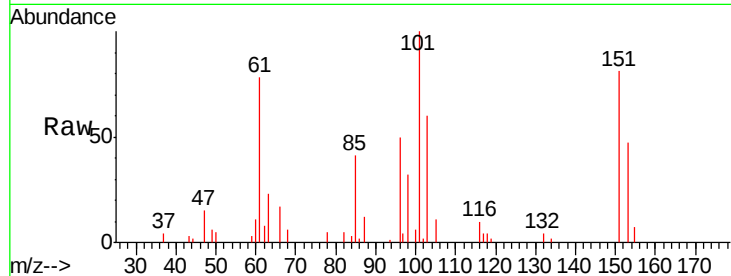
ClientSampleId :

VW1211SBSD01

Tgt Ion:	101	Resp:	17444
Ion Ratio	Lower	Upper	
101	100		
85	45.1	33.9	50.9
151	83.1	63.7	95.5

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#10

Methyl Iodide

Concen: 20.887 ug/l

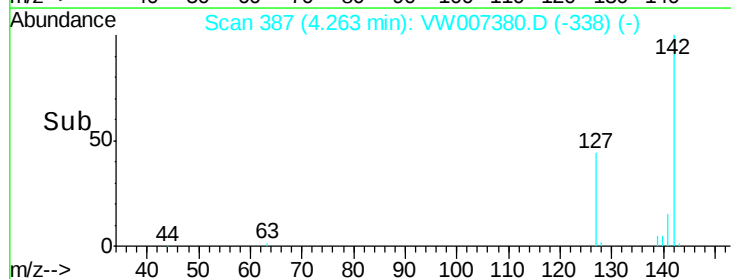
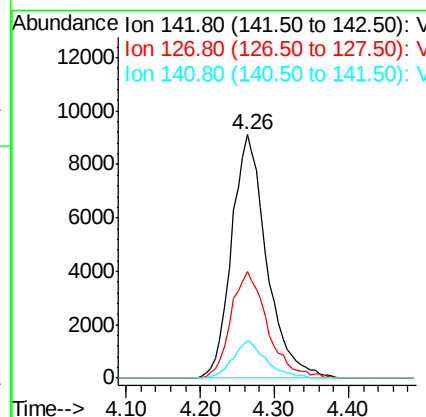
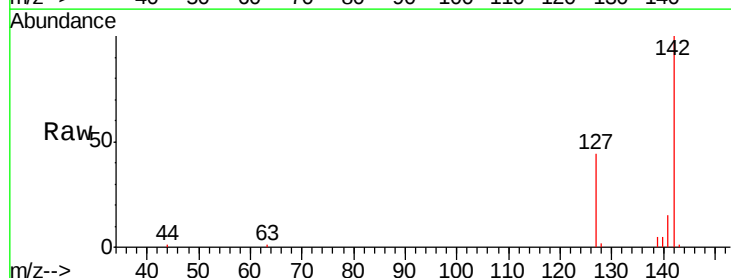
RT: 4.26 min Scan# 387

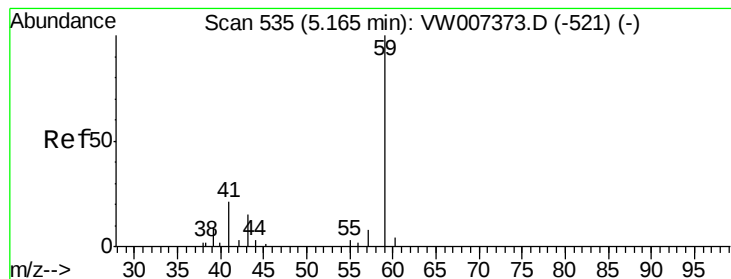
Delta R.T. -0.00 min

Lab File: VW007380.D

Acq: 11 Dec 2018 03:58

Tgt Ion:	142	Resp:	30029
Ion Ratio	Lower	Upper	
142	100		
127	45.5	35.8	53.6
141	14.6	11.1	16.7





#11

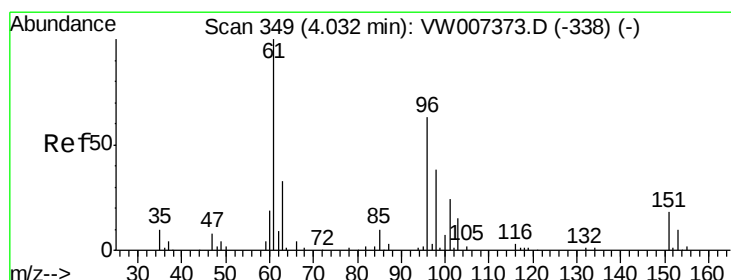
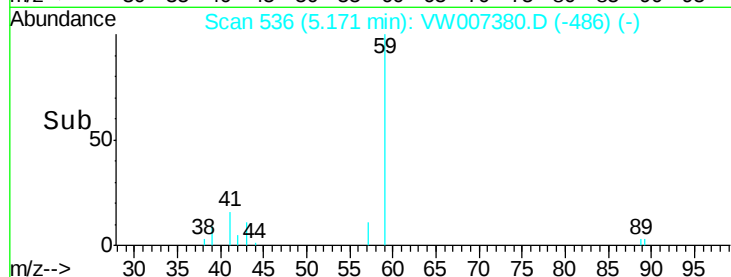
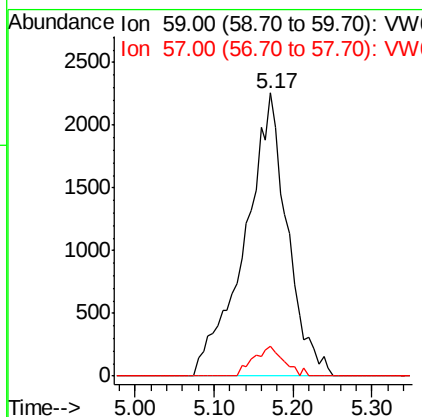
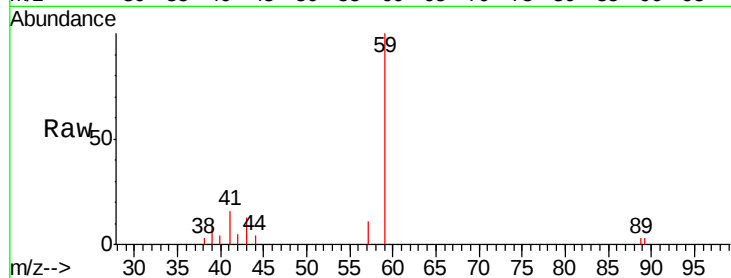
Tert butyl alcohol
Concen: 130.257 ug/l
RT: 5.17 min Scan# 536
Delta R.T. 0.01 min
Lab File: VW007380.D
Acq: 11 Dec 2018 03:58

Instrument :
MSVOA_W
ClientSampleId :
VW1211SBSD01

Tgt Ion: 59 Resp: 8456
Ion Ratio Lower Upper
59 100
57 7.5 7.6 11.4#

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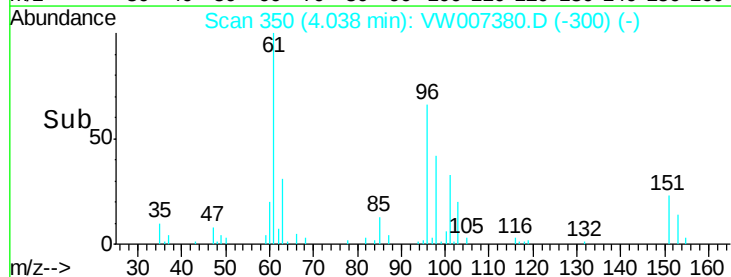
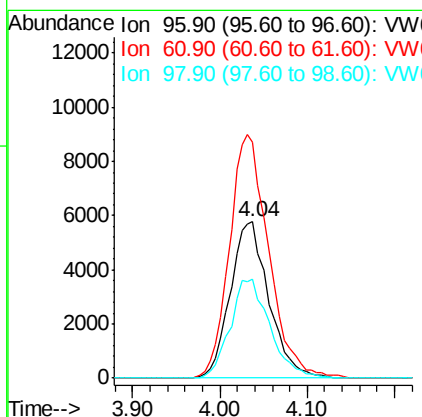
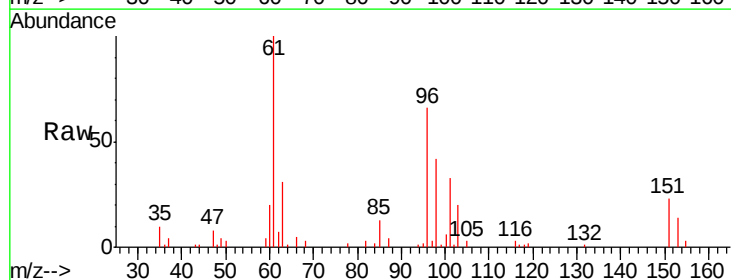
sam
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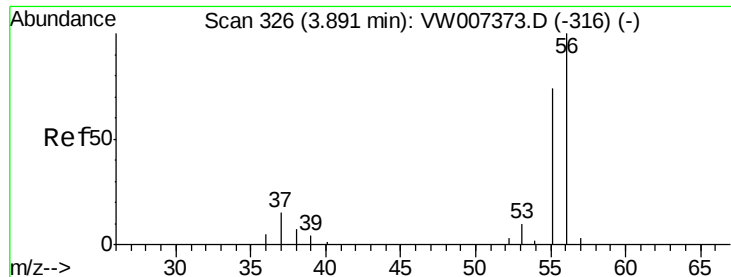


#12

1,1-Dichloroethene
Concen: 21.145 ug/l
RT: 4.04 min Scan# 350
Delta R.T. 0.01 min
Lab File: VW007380.D
Acq: 11 Dec 2018 03:58

Tgt Ion: 96 Resp: 17673
Ion Ratio Lower Upper
96 100
61 151.0 126.2 189.2
98 63.6 48.3 72.5





#13

Acrolein

Concen: 112.535 ug/l

RT: 3.89 min Scan# 325

Delta R.T. -0.01 min

Lab File: VW007380.D

Acq: 11 Dec 2018 03:58

Instrument :

MSVOA_W

ClientSampleId :

VW1211SBSD01

Tgt Ion: 56 Resp: 4834

Ion Ratio Lower Upper

56 100

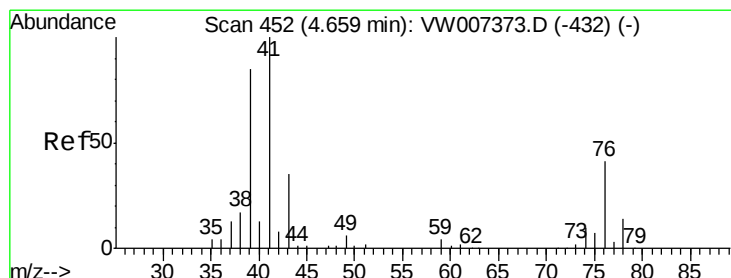
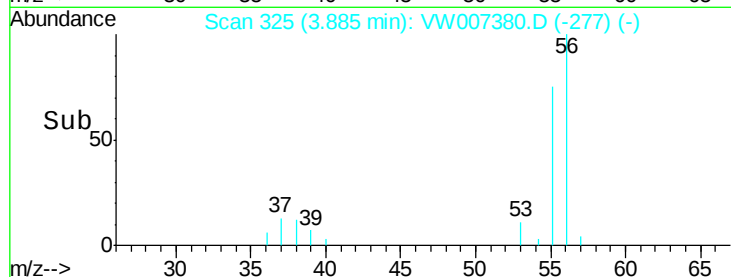
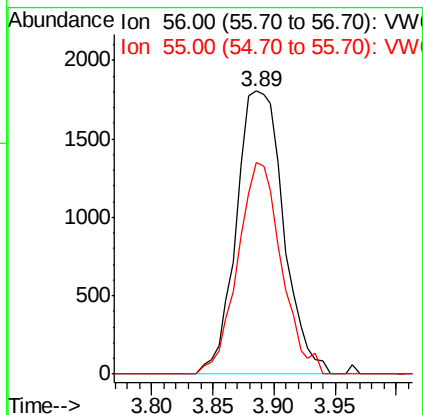
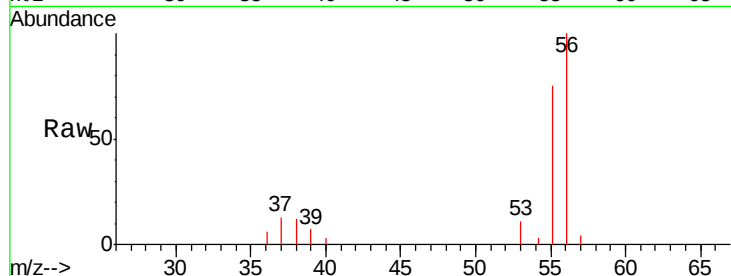
55 69.1 57.4 86.2

Manual Integrations

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#14

Allyl chloride

Concen: 20.758 ug/l

RT: 4.66 min Scan# 452

Delta R.T. -0.00 min

Lab File: VW007380.D

Acq: 11 Dec 2018 03:58

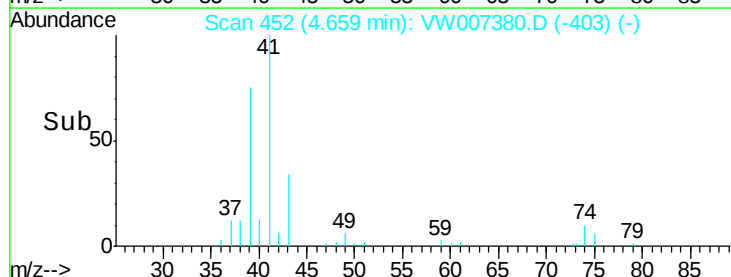
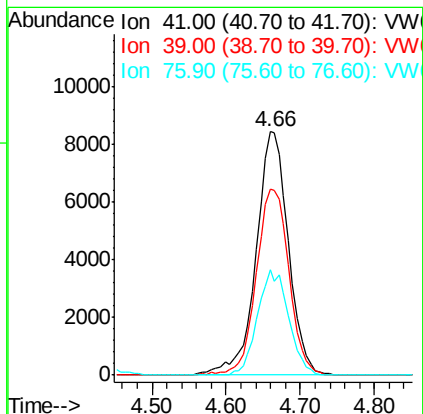
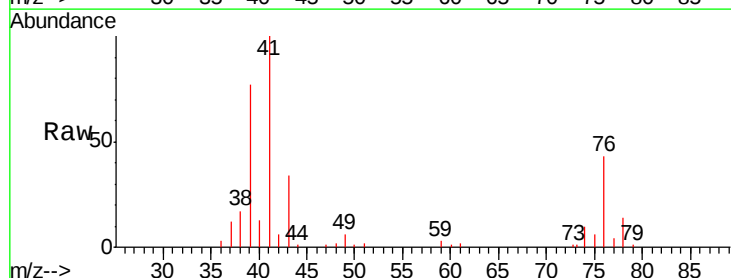
Tgt Ion: 41 Resp: 25574

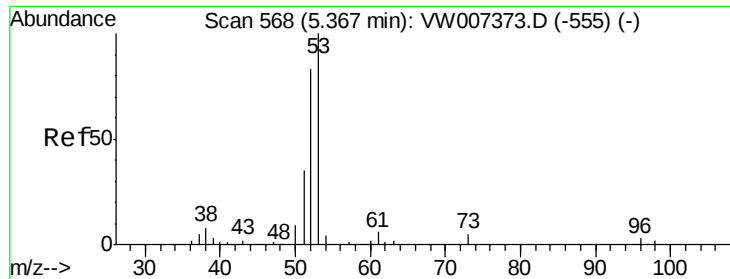
Ion Ratio Lower Upper

41 100

39 77.6 63.4 95.2

76 41.5 32.1 48.1





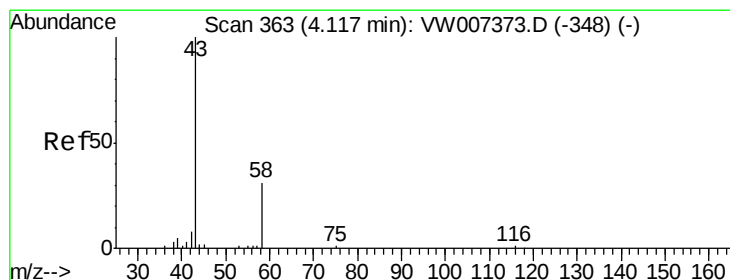
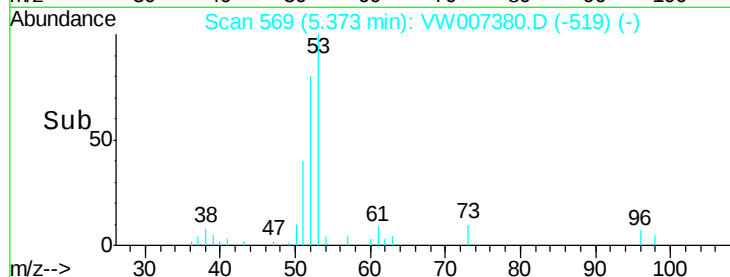
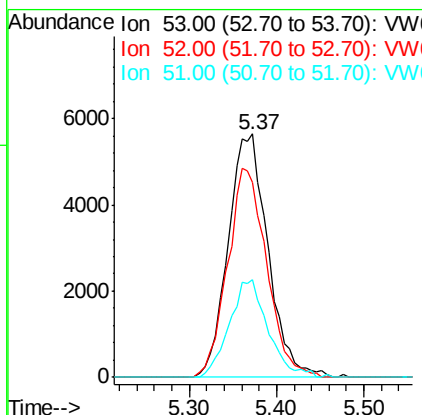
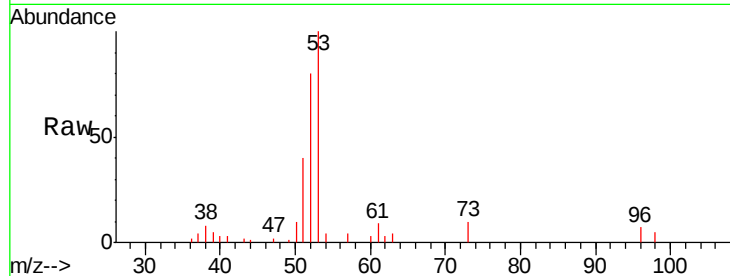
#15
 Acrylonitrile
 Concen: 102.787 ug/l
 RT: 5.37 min Scan# 569
 Delta R.T. 0.01 min
 Lab File: VW007380.D
 Acq: 11 Dec 2018 03:58

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1211SBSD01

Tgt Ion	Ratio	Lower	Upper
53	100		
52	84.5	67.4	101.2
51	38.8	30.2	45.2

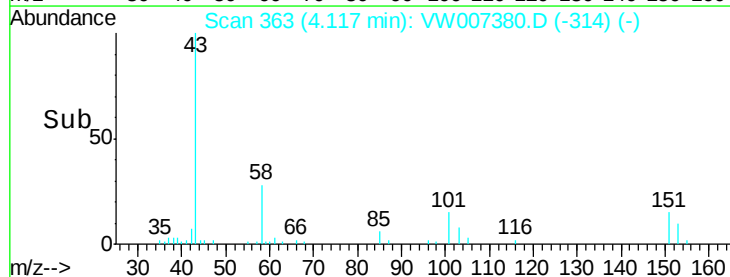
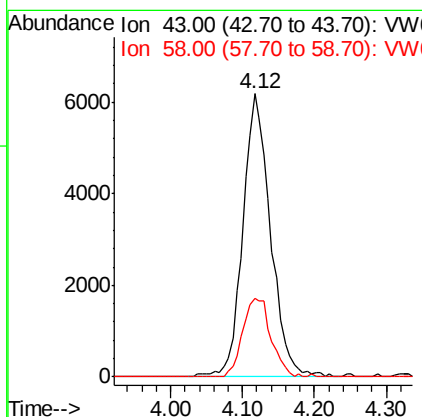
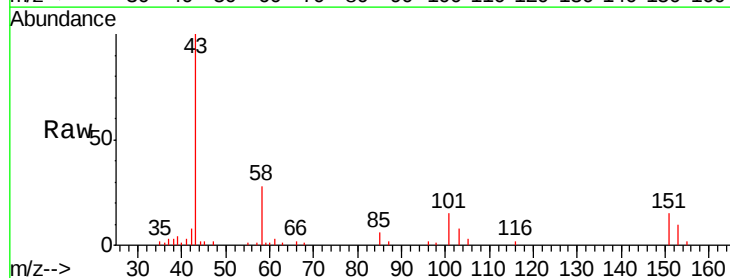
Manual Integrations
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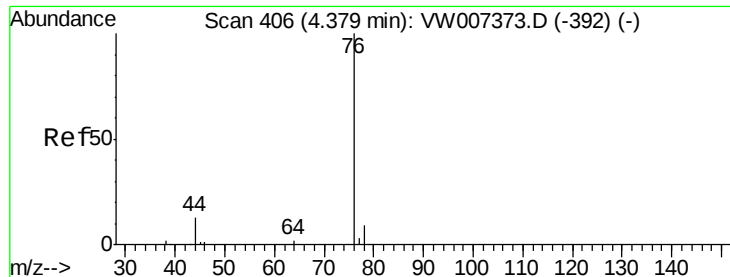
sam
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#16
 Acetone
 Concen: 99.597 ug/l
 RT: 4.12 min Scan# 363
 Delta R.T. -0.00 min
 Lab File: VW007380.D
 Acq: 11 Dec 2018 03:58

Tgt Ion	Ratio	Lower	Upper
43	100		
58	27.7	24.9	37.3





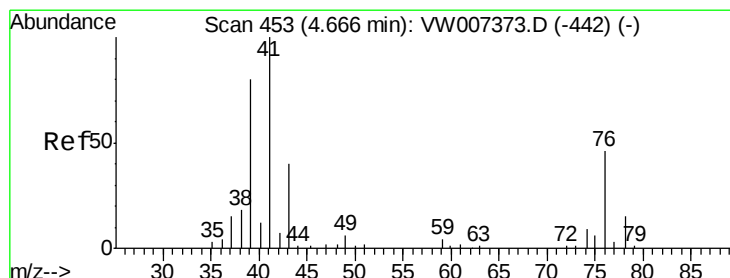
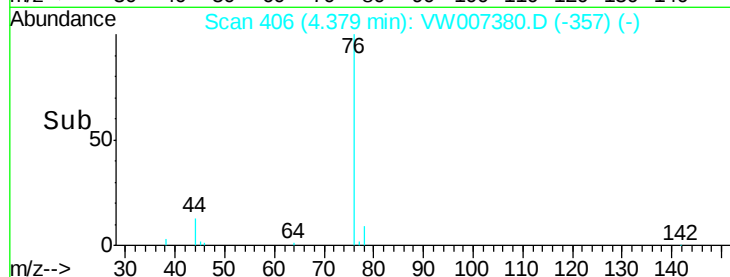
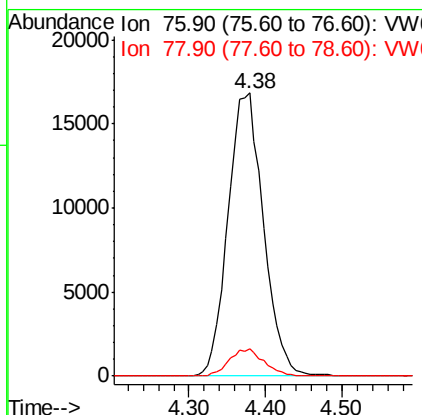
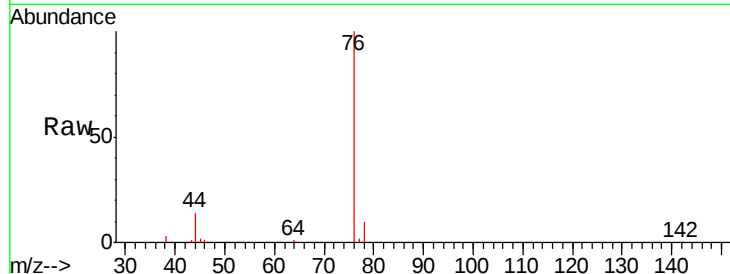
#17
Carbon Disulfide
Concen: 21.356 ug/l
RT: 4.38 min Scan# 406
Delta R.T. -0.00 min
Lab File: VW007380.D
Acq: 11 Dec 2018 03:58

Instrument :
MSVOA_W
ClientSampleId :
VW1211SBSD01

Tgt Ion: 76 Resp: 54119
Ion Ratio Lower Upper
76 100
78 9.8 7.1 10.7

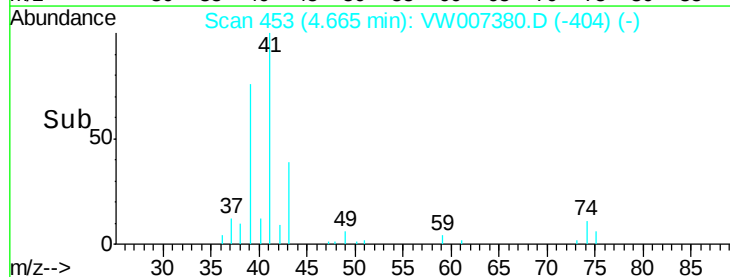
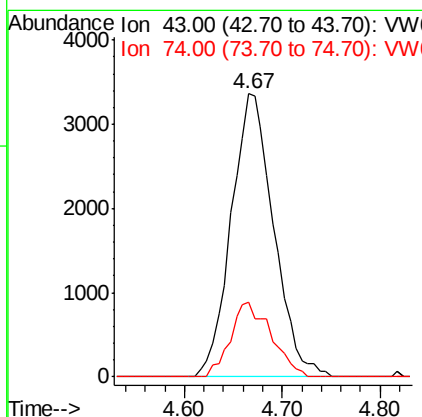
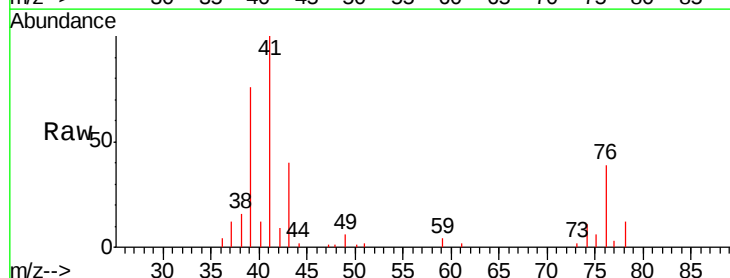
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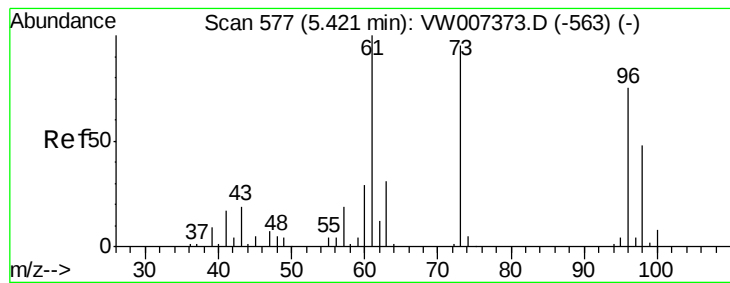
sam
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#18
Methyl Acetate
Concen: 22.559 ug/l
RT: 4.67 min Scan# 453
Delta R.T. -0.00 min
Lab File: VW007380.D
Acq: 11 Dec 2018 03:58

Tgt Ion: 43 Resp: 10109
Ion Ratio Lower Upper
43 100
74 25.2 21.1 31.7





#19

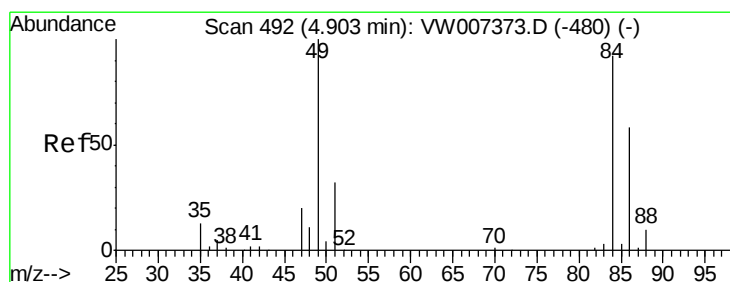
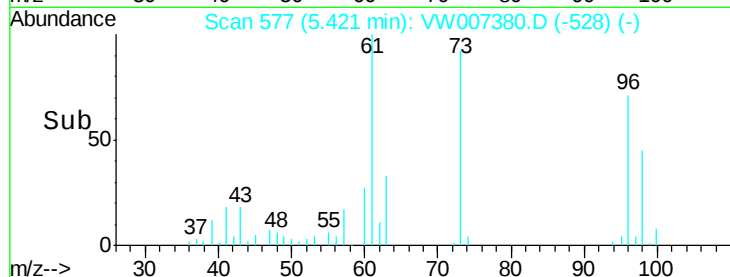
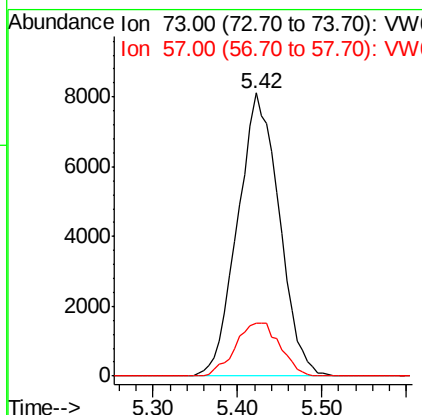
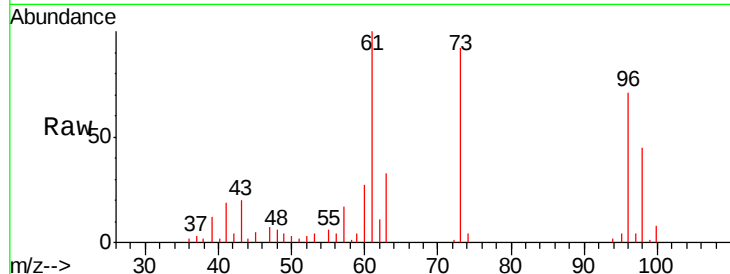
Methyl tert-butyl Ether
Concen: 21.574 ug/l
RT: 5.42 min Scan# 577
Delta R.T. -0.00 min
Lab File: VW007380.D
Acq: 11 Dec 2018 03:58

Instrument :
MSVOA_W
ClientSampleId :
VW1211SBSD01

Tgt Ion: 73 Resp: 27201
Ion Ratio Lower Upper
73 100
57 18.7 16.4 24.6

Manual Integrations
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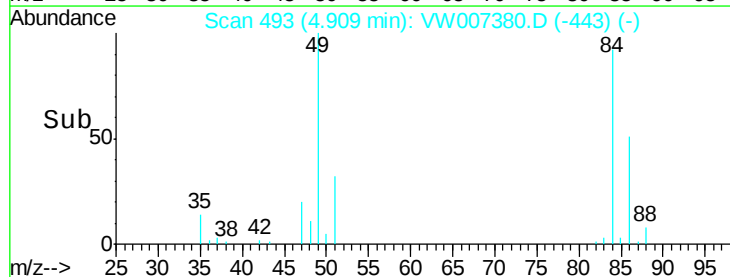
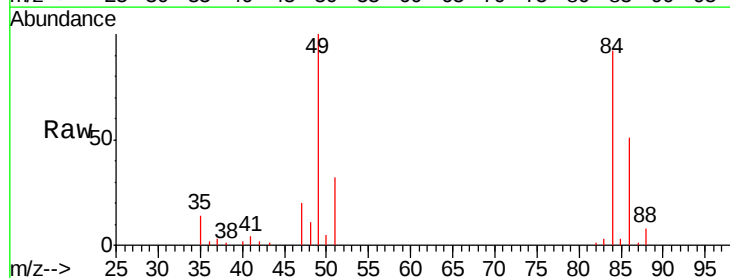
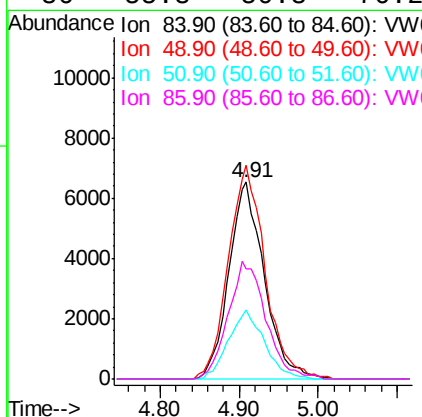
sam
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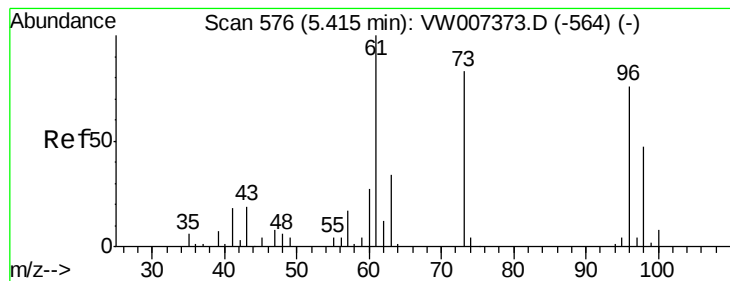


#20

Methylene Chloride
Concen: 20.262 ug/l
RT: 4.91 min Scan# 493
Delta R.T. 0.01 min
Lab File: VW007380.D
Acq: 11 Dec 2018 03:58

Tgt Ion: 84 Resp: 20398
Ion Ratio Lower Upper
84 100
49 108.5 87.1 130.7
51 35.0 28.2 42.2
86 55.8 50.8 76.2





#21

trans-1,2-Dichloroethene

Concen: 20.459 ug/l

RT: 5.42 min Scan# 576

Delta R.T. -0.00 min

Lab File: VW007380.D

Acq: 11 Dec 2018 03:58

Instrument :

MSVOA_W

ClientSampleId :

VW1211SBSD01

Tgt Ion: 96 Resp: 19129

Ion Ratio Lower Upper

96 100

61 138.0 105.0 157.6

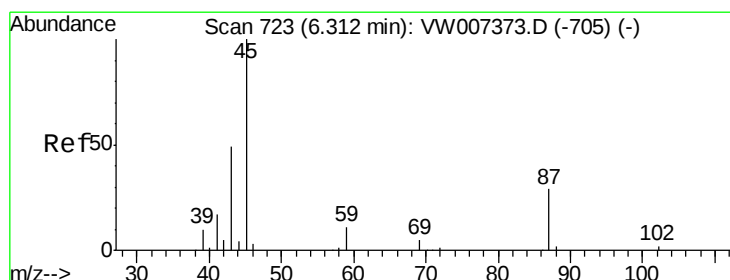
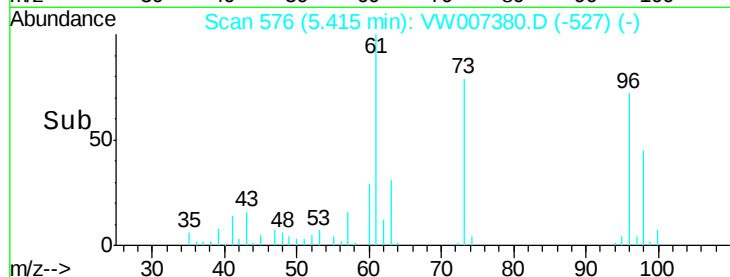
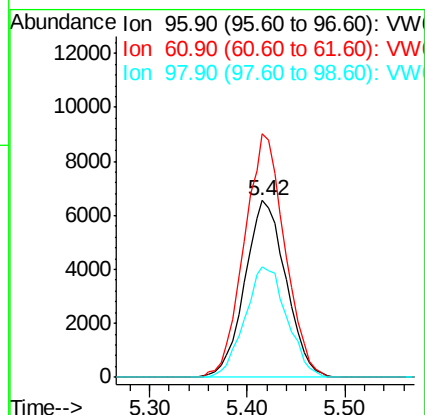
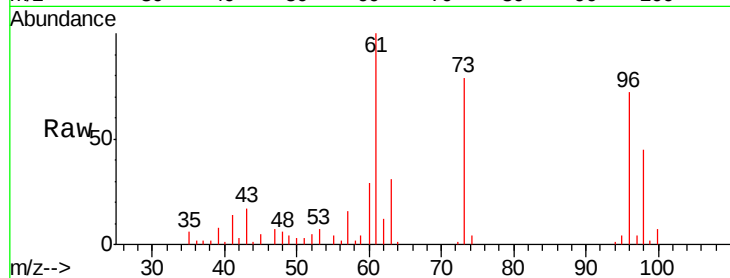
98 62.7 49.7 74.5

Manual Integrations

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#22

Diisopropyl ether

Concen: 20.957 ug/l

RT: 6.31 min Scan# 723

Delta R.T. -0.00 min

Lab File: VW007380.D

Acq: 11 Dec 2018 03:58

Tgt Ion: 45 Resp: 49628

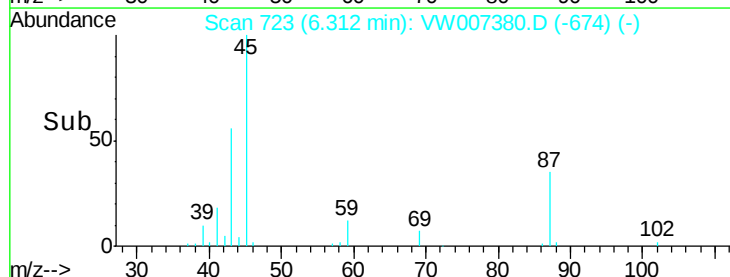
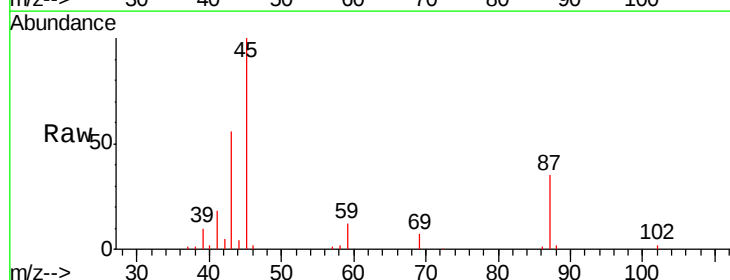
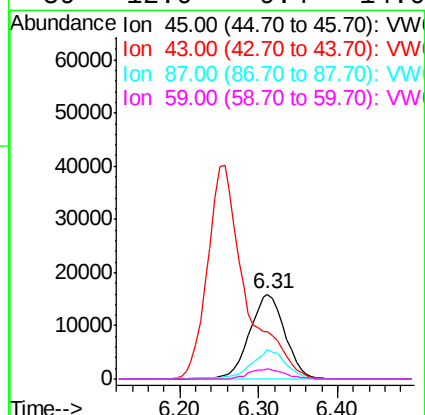
Ion Ratio Lower Upper

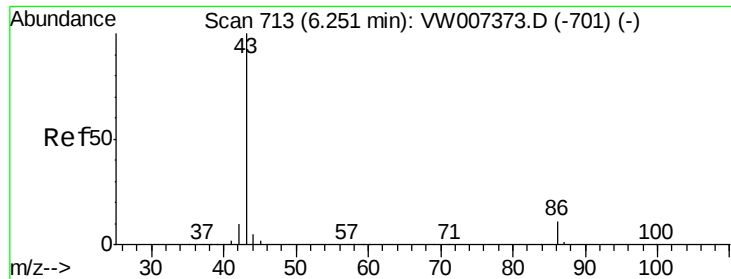
45 100

43 55.3 41.6 62.4

87 34.9 24.3 36.5

59 12.0 9.4 14.0





#23

Vinyl Acetate

Concen: 101.364 ug/l

RT: 6.26 min Scan# 714

Delta R.T. 0.01 min

Lab File: VW007380.D

Acq: 11 Dec 2018 03:58

Instrument :

MSVOA_W

ClientSampleId :

VW1211SBSD01

Tgt Ion: 43 Resp: 134260

Ion Ratio Lower Upper

43 100

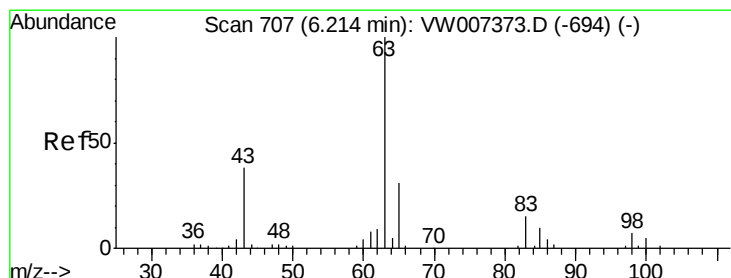
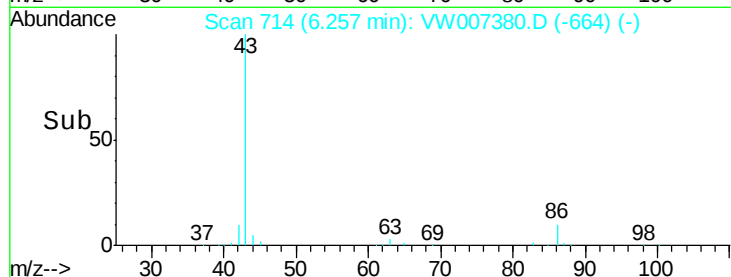
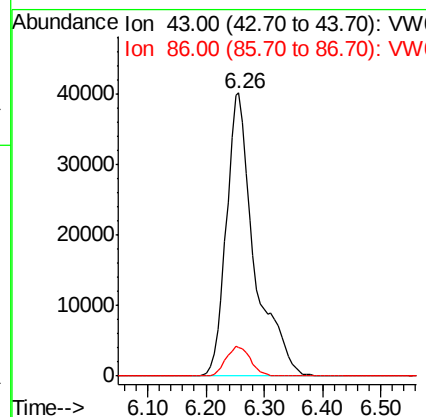
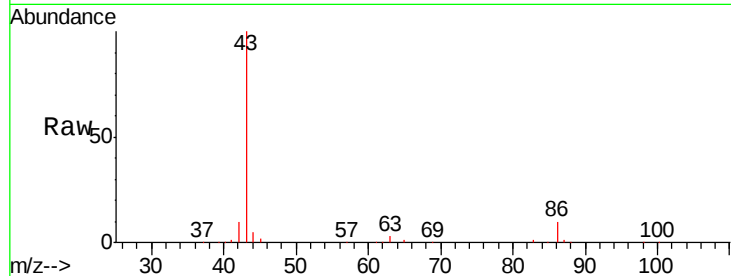
86 10.3 8.6 12.8

Manual Integrations

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#24

1,1-Dichloroethane

Concen: 19.919 ug/l

RT: 6.21 min Scan# 707

Delta R.T. -0.00 min

Lab File: VW007380.D

Acq: 11 Dec 2018 03:58

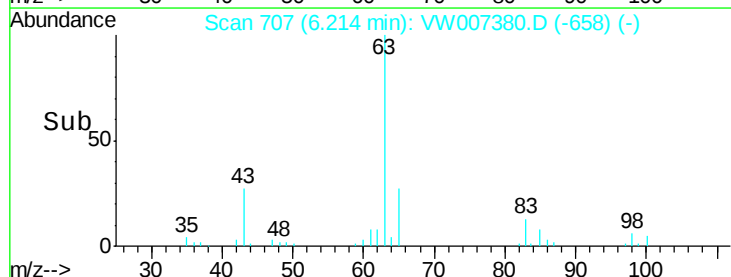
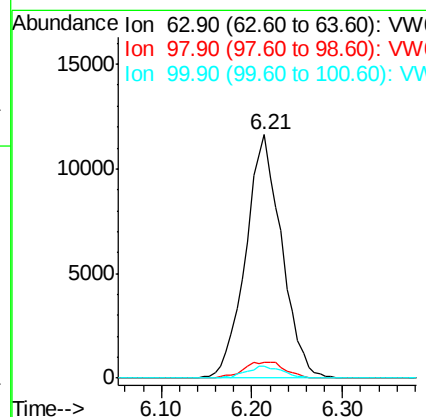
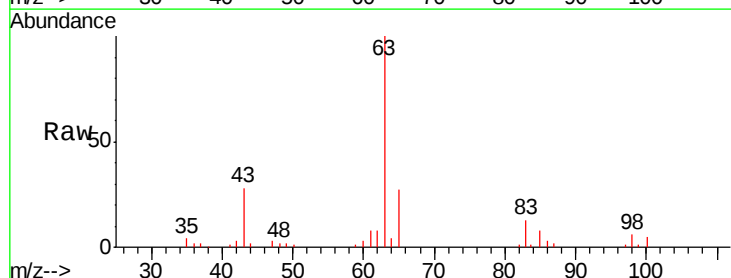
Tgt Ion: 63 Resp: 31880

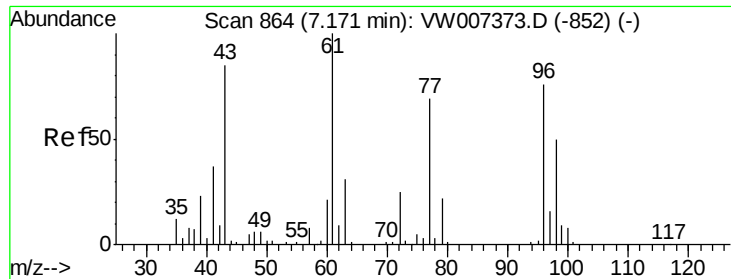
Ion Ratio Lower Upper

63 100

98 6.3 3.5 10.4

100 4.6 2.5 7.5





#25

2-Butanone

Concen: 99.293 ug/l

RT: 7.17 min Scan# 864

Delta R.T. -0.00 min

Lab File: VW007380.D

Acq: 11 Dec 2018 03:58

Instrument :

MSVOA_W

ClientSampleId :

VW1211SBSD01

Tgt Ion: 43 Resp: 21402

Ion Ratio Lower Upper

43 100

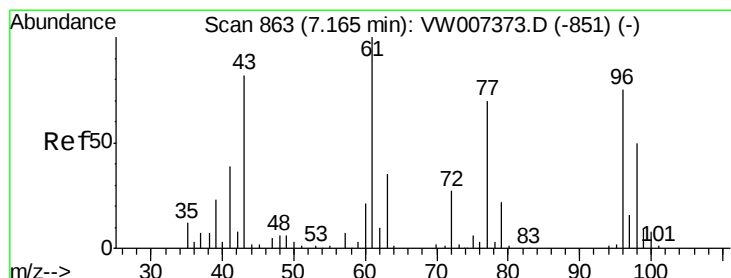
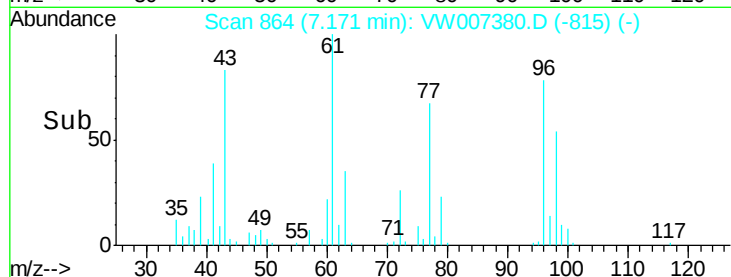
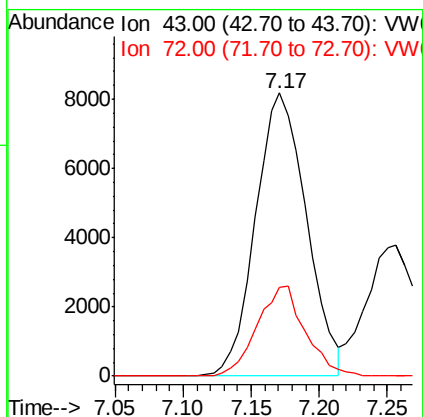
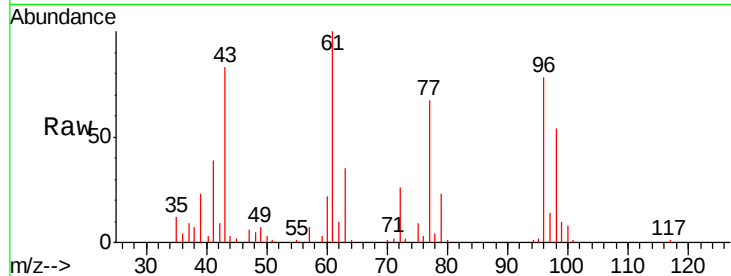
72 31.5 23.4 35.2

Manual Integrations

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sam

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#26

2,2-Dichloropropane

Concen: 20.341 ug/l

RT: 7.17 min Scan# 863

Delta R.T. -0.00 min

Lab File: VW007380.D

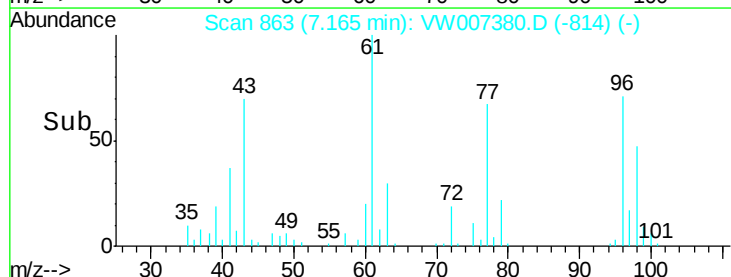
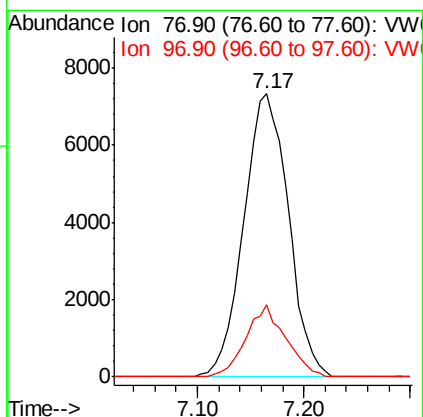
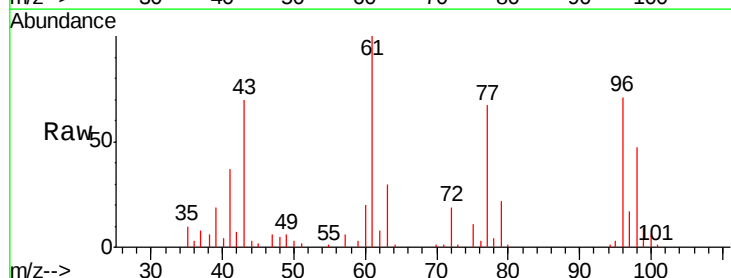
Acq: 11 Dec 2018 03:58

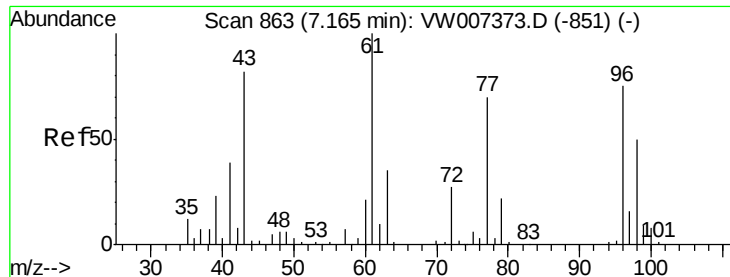
Tgt Ion: 77 Resp: 21546

Ion Ratio Lower Upper

77 100

97 22.6 11.6 34.8





#27

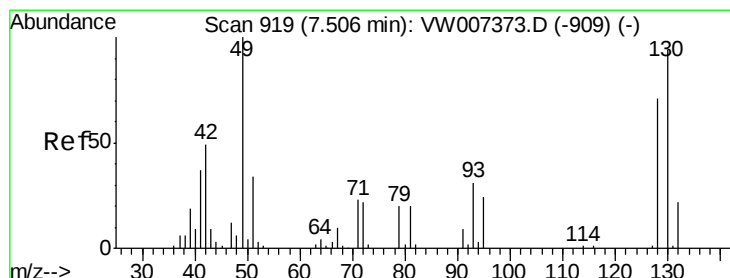
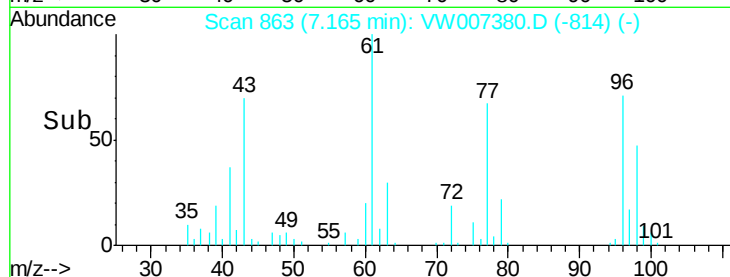
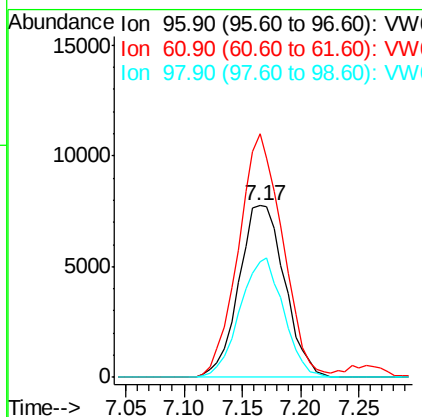
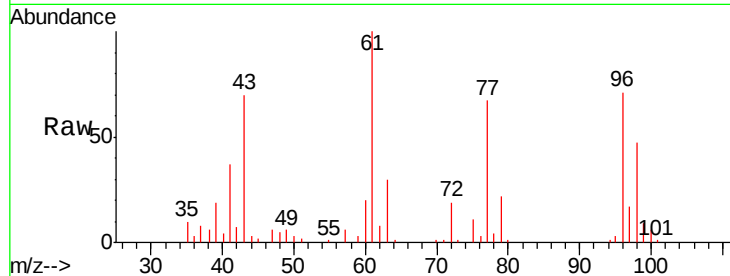
cis-1,2-Dichloroethene
Concen: 20.698 ug/l
RT: 7.17 min Scan# 863
Delta R.T. -0.00 min
Lab File: VW007380.D
Acq: 11 Dec 2018 03:58

Instrument :
MSVOA_W
ClientSampleId :
VW1211SBSD01

Tgt Ion	Ratio	Lower	Upper
96	100		
61	136.6	0.0	268.4
98	65.9	0.0	127.8

Manual Integrations
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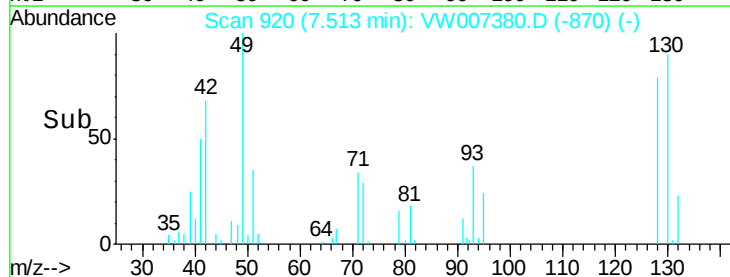
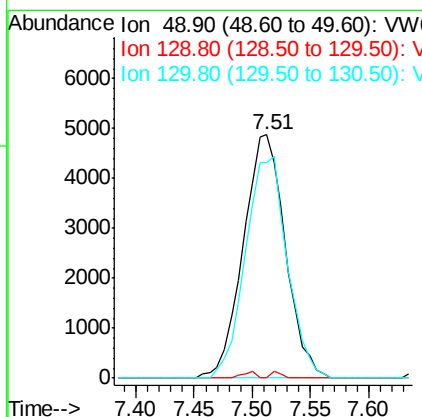
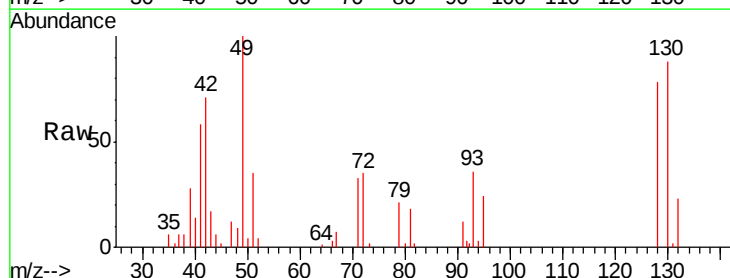
sam
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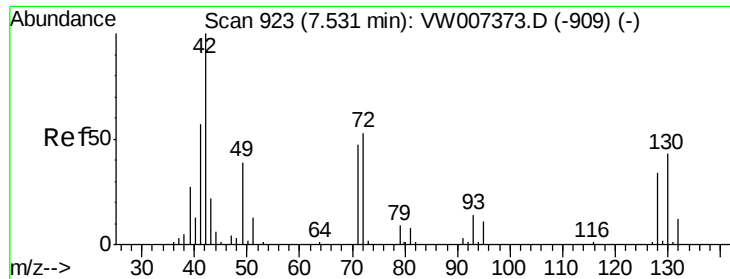


#28

Bromochloromethane
Concen: 20.332 ug/l
RT: 7.51 min Scan# 920
Delta R.T. 0.01 min
Lab File: VW007380.D
Acq: 11 Dec 2018 03:58

Tgt Ion	Ratio	Lower	Upper
49	100		
129	0.7	0.0	2.6
130	90.1	75.9	113.9





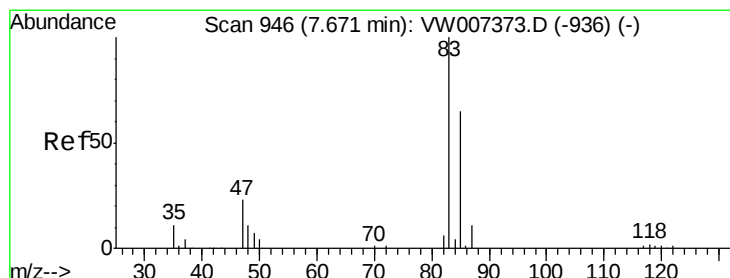
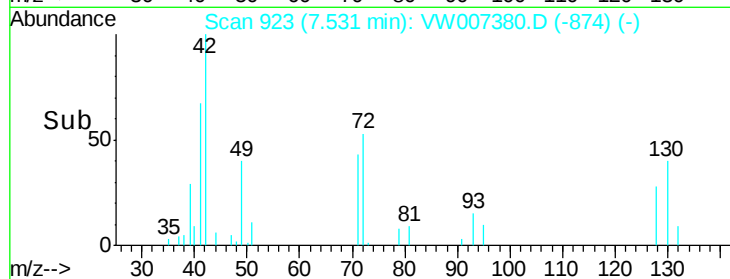
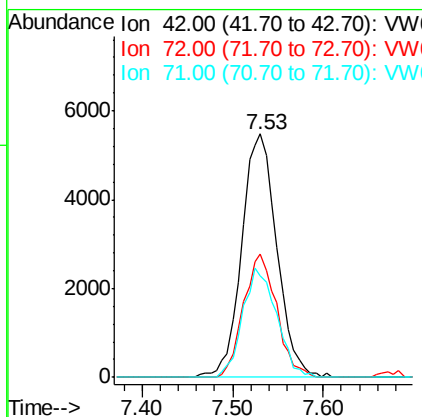
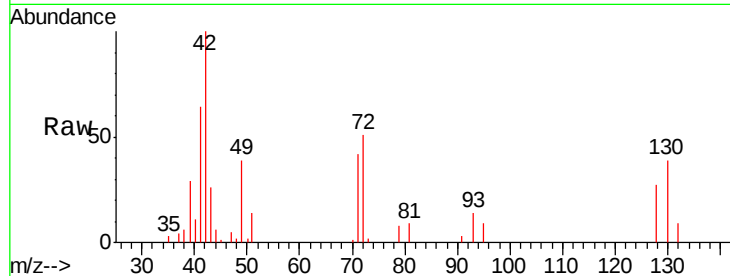
#29
Tetrahydrofuran
Concen: 107.531 ug/l
RT: 7.53 min Scan# 923
Delta R.T. -0.00 min
Lab File: VW007380.D
Acq: 11 Dec 2018 03:58

Instrument :
MSVOA_W
ClientSampleId :
VW1211SBSD01

Tgt Ion	Ratio	Lower	Upper
42	100		
72	47.8	38.2	57.4
71	43.5	35.5	53.3

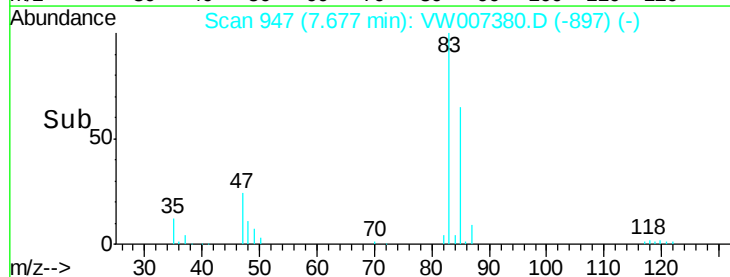
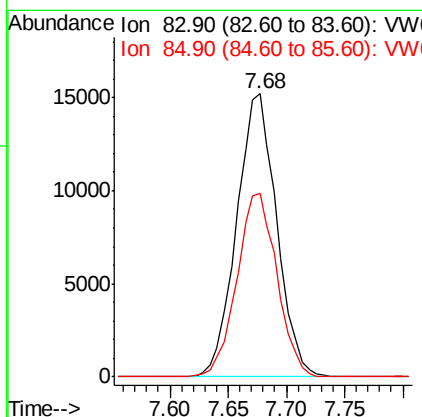
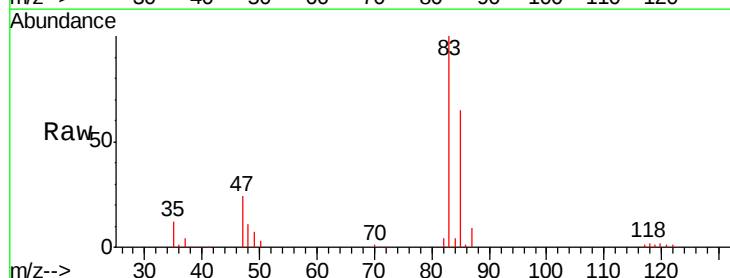
Manual Integrations
APPROVED

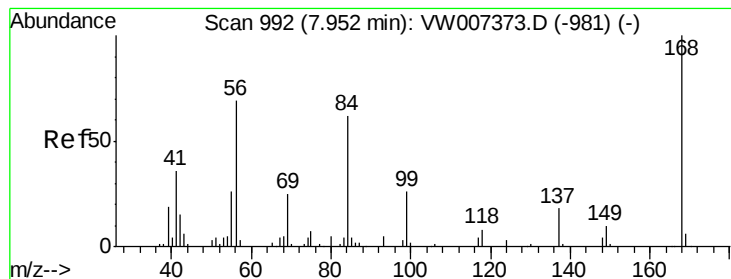
sam
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#30
Chloroform
Concen: 20.808 ug/l
RT: 7.68 min Scan# 947
Delta R.T. 0.01 min
Lab File: VW007380.D
Acq: 11 Dec 2018 03:58

Tgt Ion	Ratio	Lower	Upper
83	100		
85	65.0	51.8	77.8





#31

Cyclohexane

Concen: 20.706 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.00 min

Lab File: VW007380.D

Acq: 11 Dec 2018 03:58

Instrument :

MSVOA_W

ClientSampleId :

VW1211SBSD01

Tgt Ion: 56 Resp: 30405

Ion Ratio Lower Upper

56 100

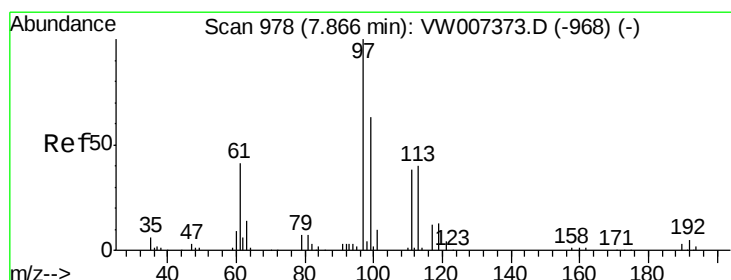
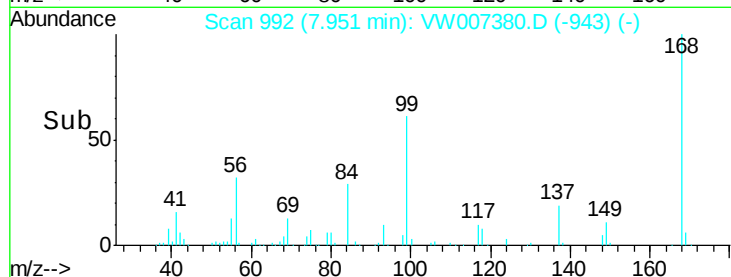
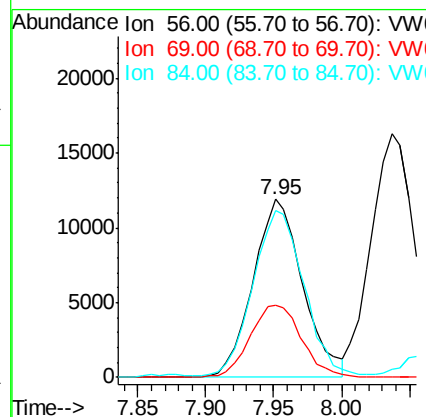
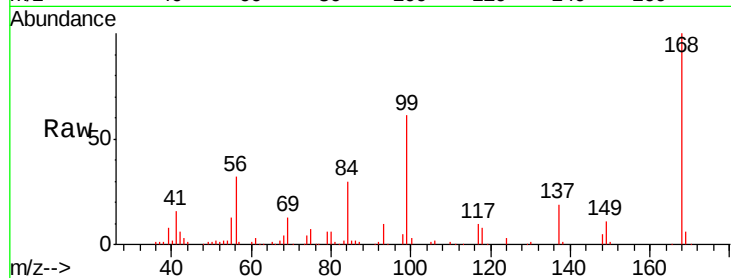
69 40.5 28.9 43.3

84 93.1 71.8 107.6

Manual Integrations
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#32

1,1,1-Trichloroethane

Concen: 20.718 ug/l

RT: 7.87 min Scan# 979

Delta R.T. 0.01 min

Lab File: VW007380.D

Acq: 11 Dec 2018 03:58

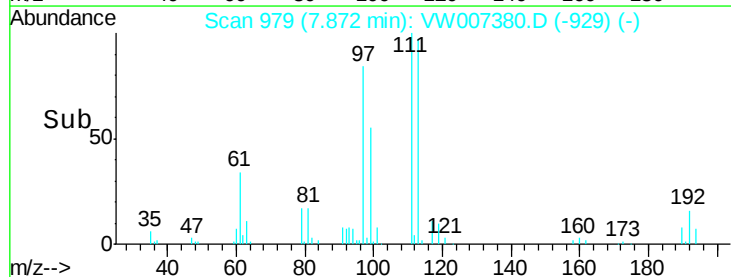
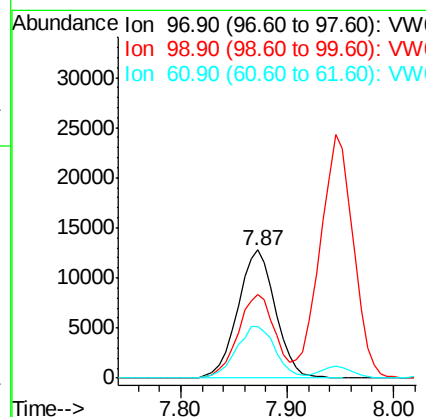
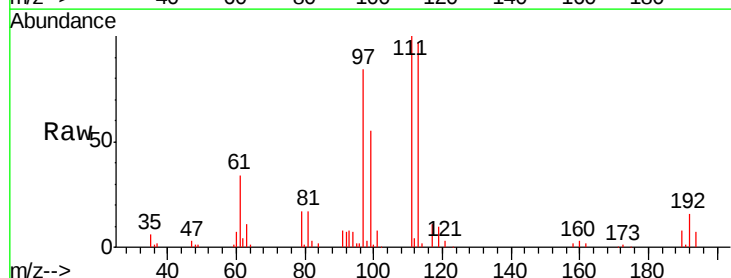
Tgt Ion: 97 Resp: 31644

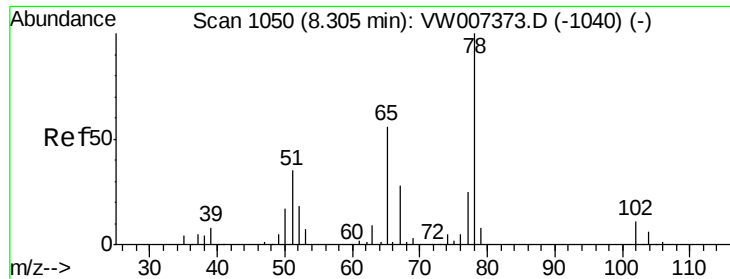
Ion Ratio Lower Upper

97 100

99 63.7 51.1 76.7

61 42.5 33.2 49.8





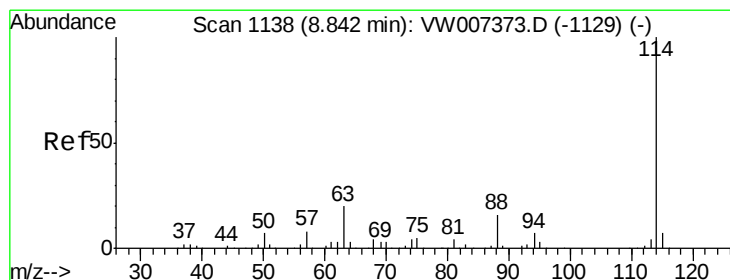
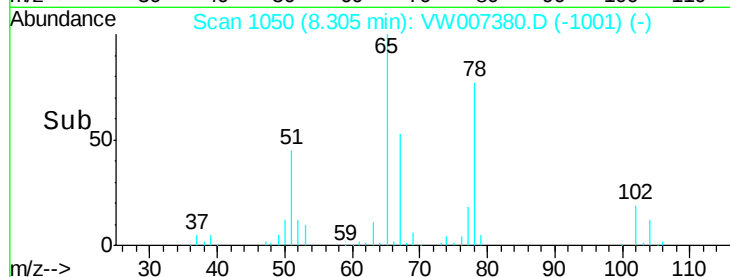
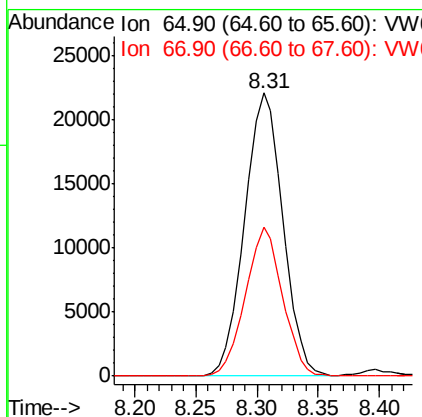
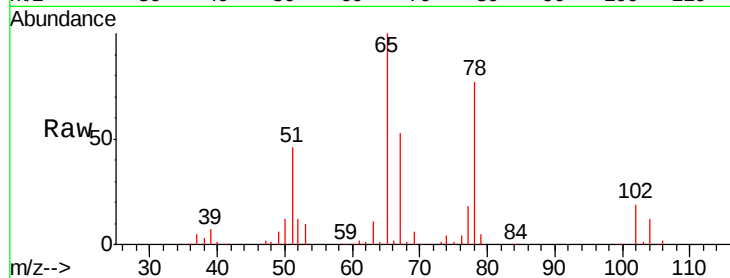
#33
 1,2-Dichloroethane-d4
 Concen: 50.972 ug/l
 RT: 8.31 min Scan# 1050
 Delta R.T. -0.00 min
 Lab File: VW007380.D
 Acq: 11 Dec 2018 03:58

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1211SBSD01

Tgt Ion: 65 Resp: 48181
 Ion Ratio Lower Upper
 65 100
 67 50.8 0.0 101.6

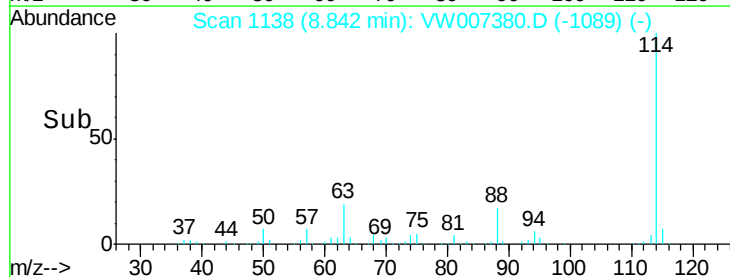
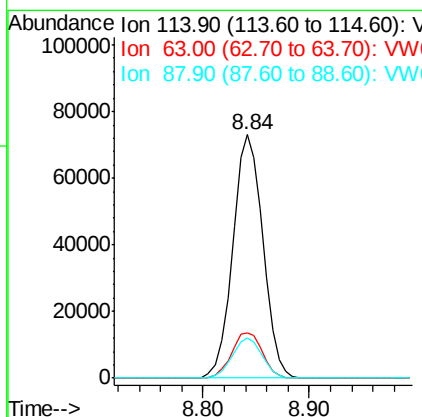
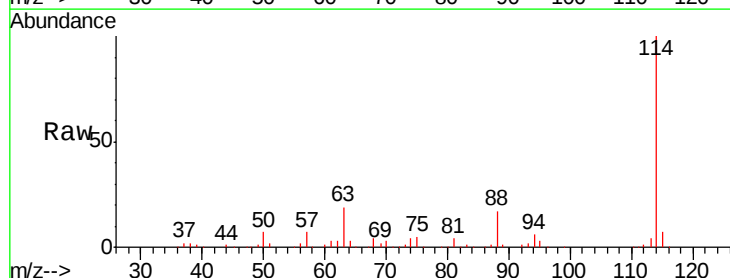
Manual Integrations
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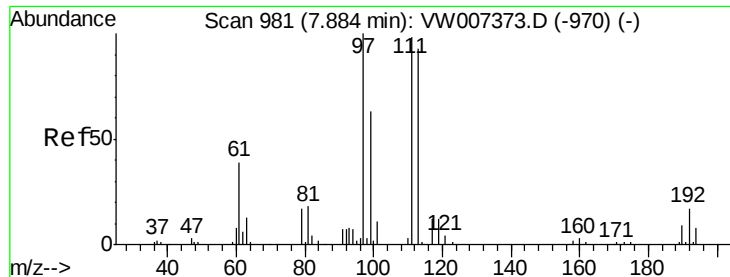
sam
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VW007380.D
 Acq: 11 Dec 2018 03:58

Tgt Ion: 114 Resp: 144708
 Ion Ratio Lower Upper
 114 100
 63 18.8 0.0 39.6
 88 16.5 0.0 31.4





#35

Dibromofluoromethane

Concen: 51.925 ug/l

RT: 7.88 min Scan# 981

Delta R.T. -0.00 min

Lab File: VW007380.D

Acq: 11 Dec 2018 03:58

Instrument :

MSVOA_W

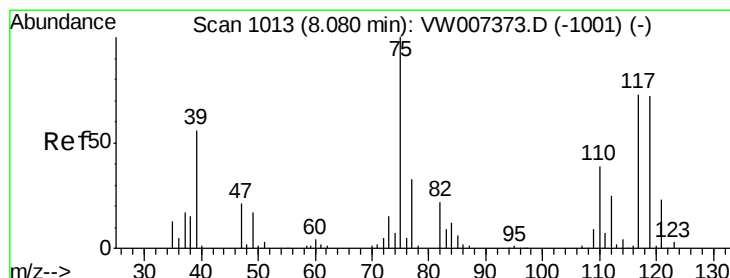
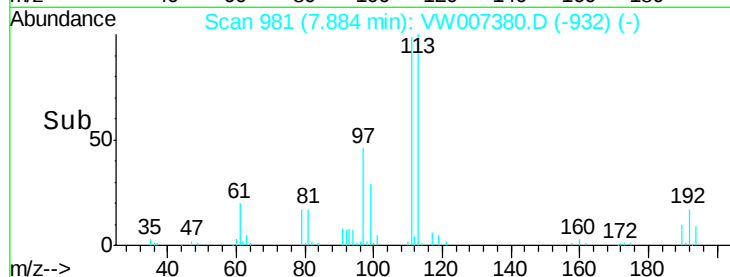
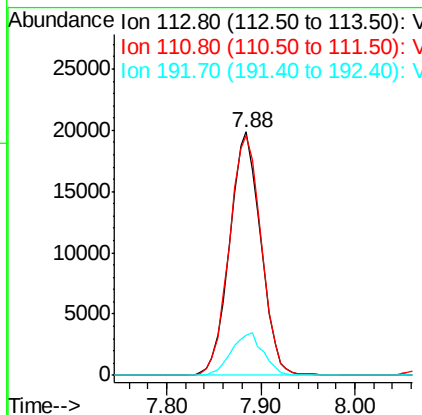
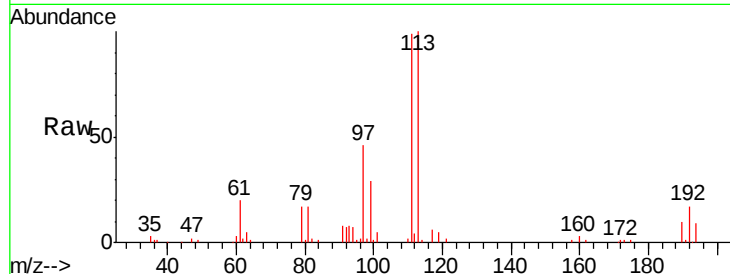
ClientSampleId :

VW1211SBSD01

Tgt Ion:	113	Resp:	45485
Ion Ratio	Lower	Upper	
113	100		
111	101.4	81.1	121.7
192	17.7	14.6	21.8

Manual Integrations
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sam
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#36

1,1-Dichloropropene

Concen: 21.157 ug/l

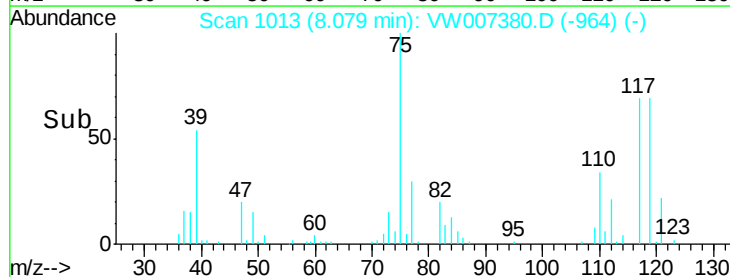
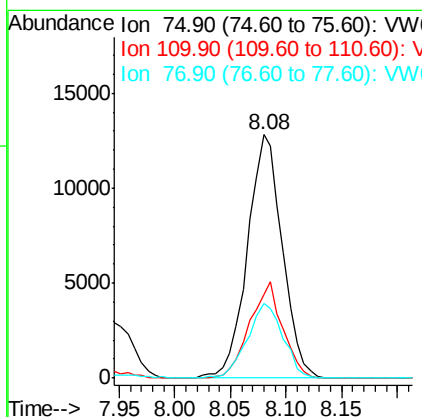
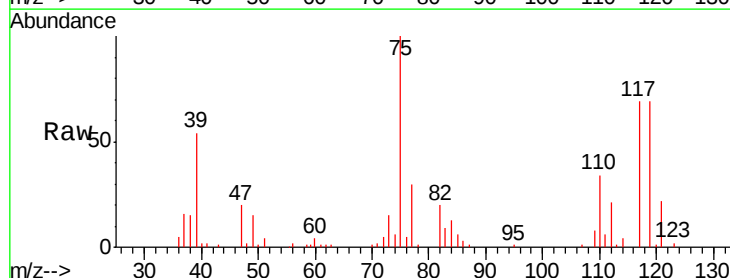
RT: 8.08 min Scan# 1013

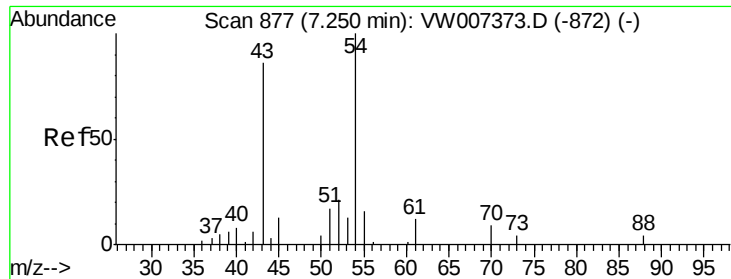
Delta R.T. -0.00 min

Lab File: VW007380.D

Acq: 11 Dec 2018 03:58

Tgt Ion:	75	Resp:	27929
Ion Ratio	Lower	Upper	
75	100		
110	37.5	18.5	55.5
77	31.4	25.6	38.4





#37

Ethyl Acetate

Concen: 20.929 ug/l

RT: 7.26 min Scan# 878

Delta R.T. 0.01 min

Lab File: VW007380.D

Acq: 11 Dec 2018 03:58

Instrument :

MSVOA_W

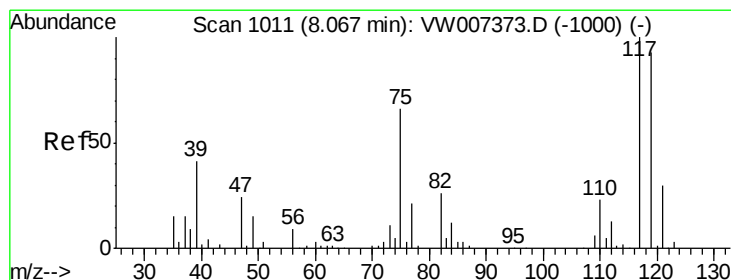
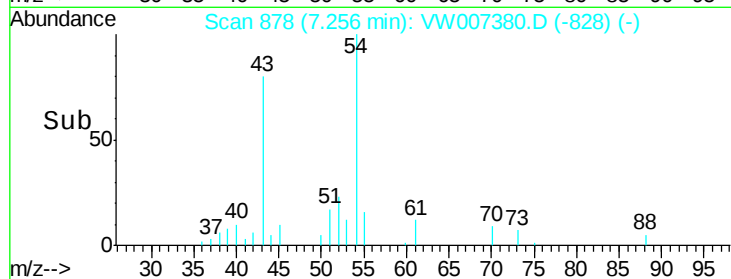
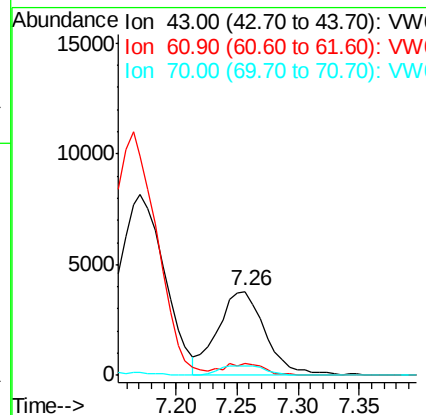
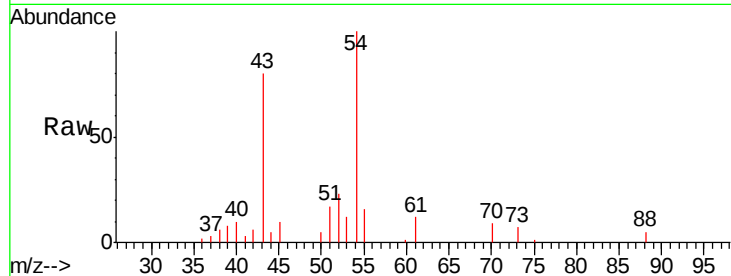
ClientSampleId :

VW1211SBSD01

Tgt Ion:	43	Resp:	10276
Ion	Ratio	Lower	Upper
43	100		
61	12.5	12.1	18.1
70	10.8	10.0	15.0

Manual Integrations
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#38

Carbon Tetrachloride

Concen: 21.175 ug/l

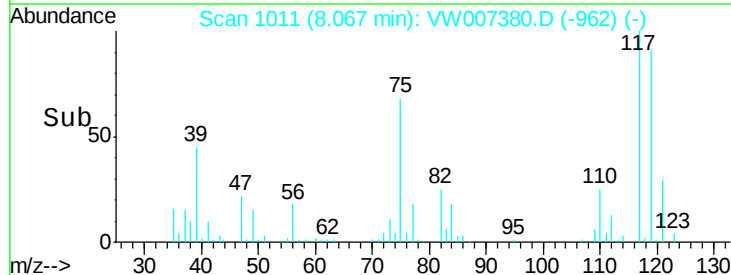
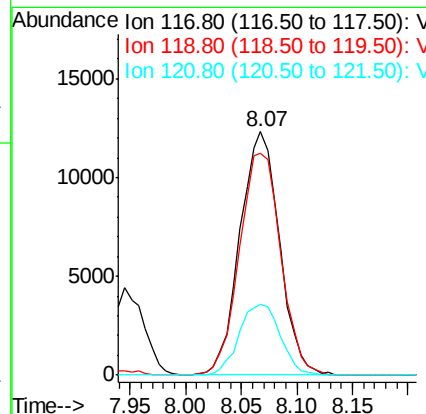
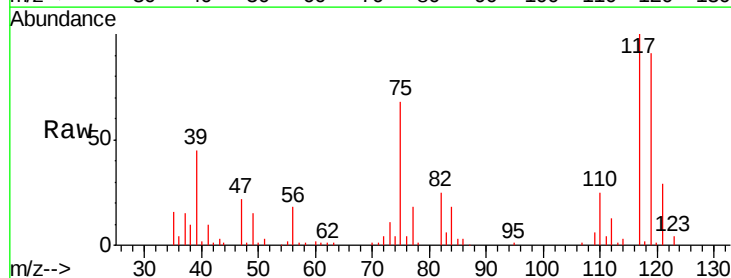
RT: 8.07 min Scan# 1011

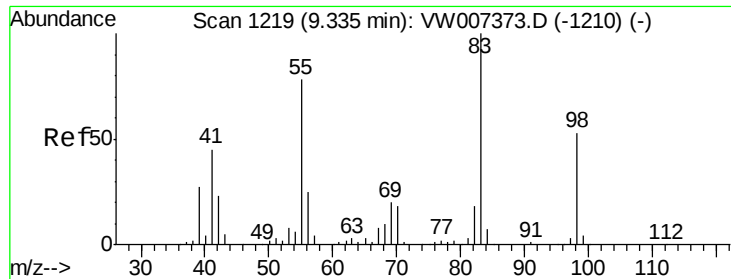
Delta R.T. -0.00 min

Lab File: VW007380.D

Acq: 11 Dec 2018 03:58

Tgt Ion:	117	Resp:	30414
Ion	Ratio	Lower	Upper
117	100		
119	91.3	74.3	111.5
121	28.9	24.3	36.5





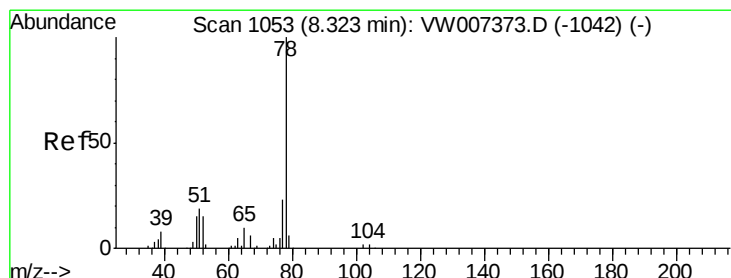
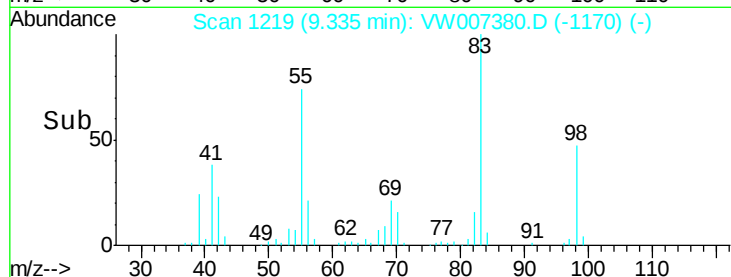
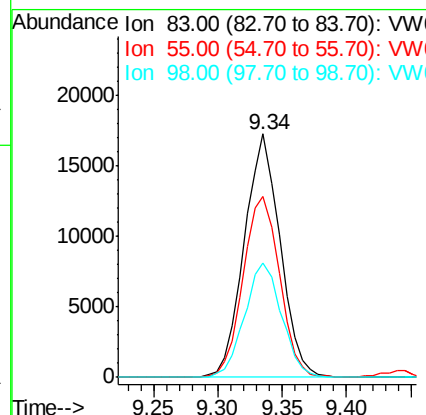
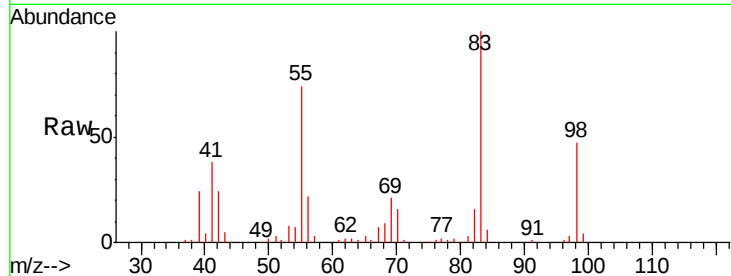
#39
Methylcyclohexane
Concen: 20.802 ug/l
RT: 9.34 min Scan# 1219
Delta R.T. -0.00 min
Lab File: VW007380.D
Acq: 11 Dec 2018 03:58

Instrument :
MSVOA_W
ClientSampleId :
VW1211SBSD01

Tgt Ion	Ratio	Lower	Upper
83	100		
55	74.3	62.8	94.2
98	46.9	42.2	63.2

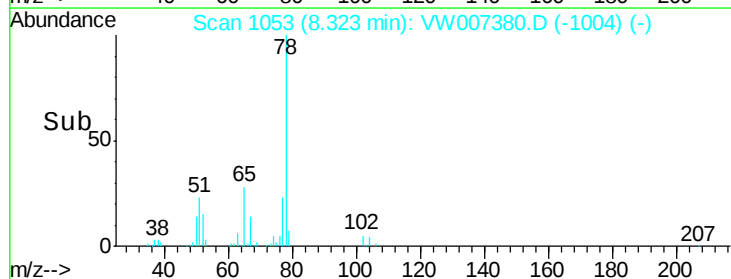
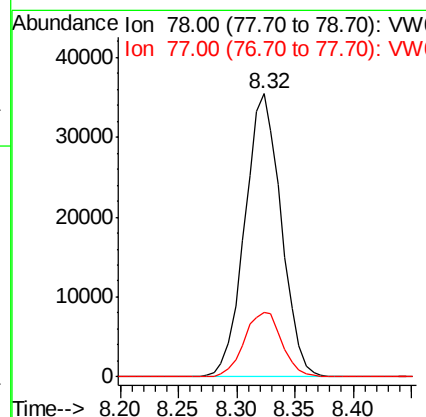
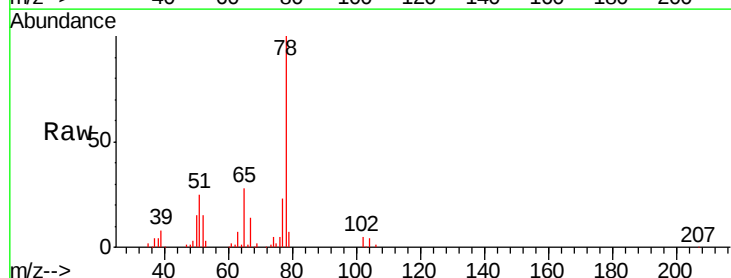
Manual Integrations
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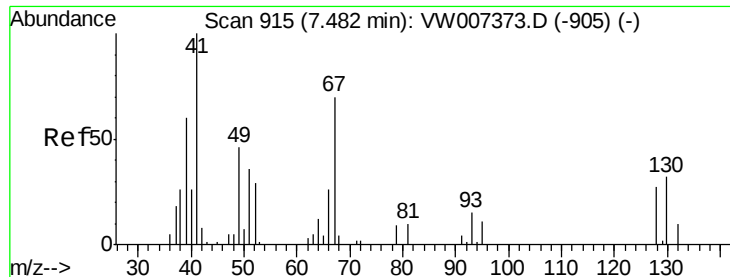
sam
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#40
Benzene
Concen: 21.081 ug/l
RT: 8.32 min Scan# 1053
Delta R.T. -0.00 min
Lab File: VW007380.D
Acq: 11 Dec 2018 03:58

Tgt Ion	Ratio	Lower	Upper
78	100		
77	22.7	18.8	28.2





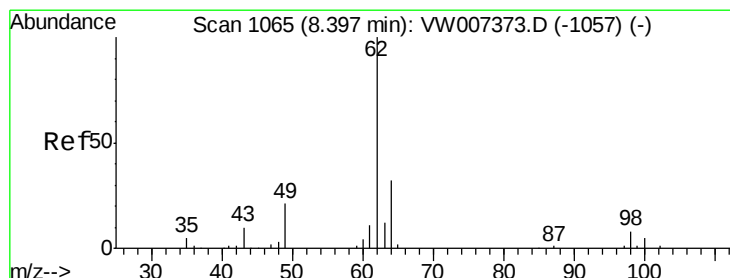
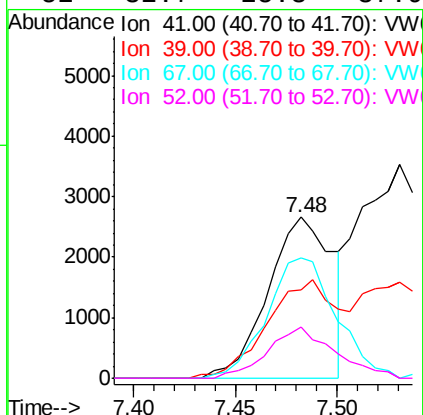
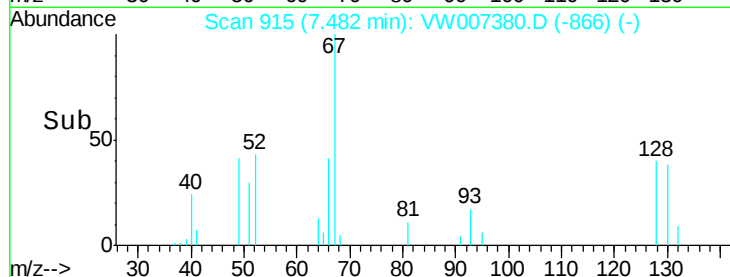
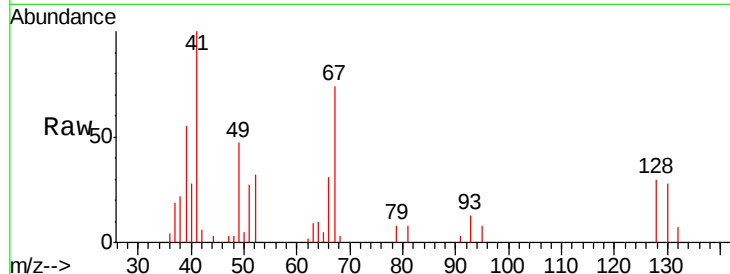
#41
Methacrylonitrile
Concen: 21.052 ug/l
RT: 7.48 min Scan# 915
Delta R.T. -0.00 min
Lab File: VW007380.D
Acq: 11 Dec 2018 03:58

Instrument :
MSVOA_W
ClientSampleId :
VW1211SBSD01

Tgt Ion	Ratio	Lower	Upper
41	100		
39	69.3	52.2	78.2
67	80.2	60.5	90.7
52	32.7	25.3	37.9

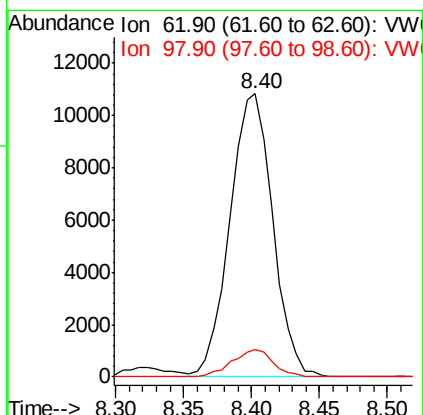
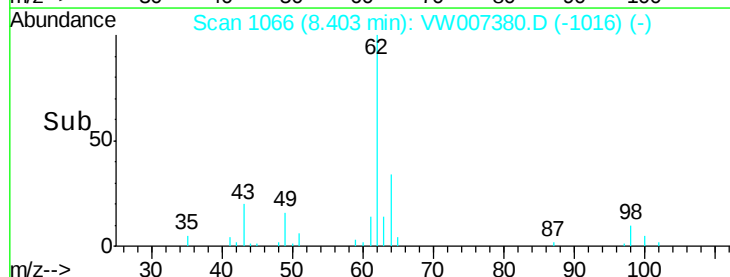
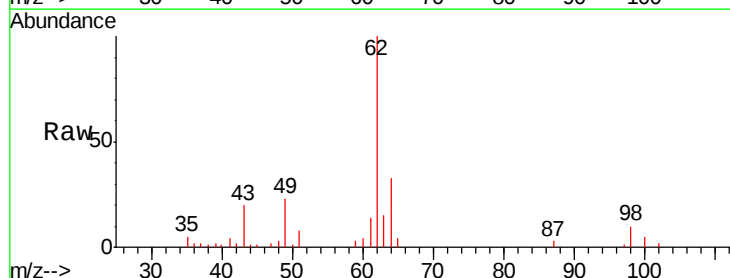
Manual Integrations
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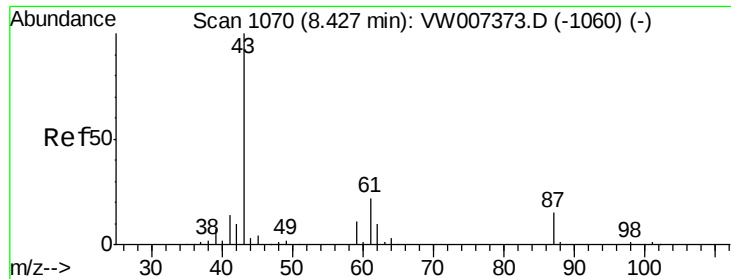
sam
12/27/2018 8:19:44 AM



#42
1,2-Dichloroethane
Concen: 20.706 ug/l
RT: 8.40 min Scan# 1066
Delta R.T. 0.01 min
Lab File: VW007380.D
Acq: 11 Dec 2018 03:58

Tgt Ion	Ratio	Lower	Upper
62	100		
98	9.3	0.0	17.6





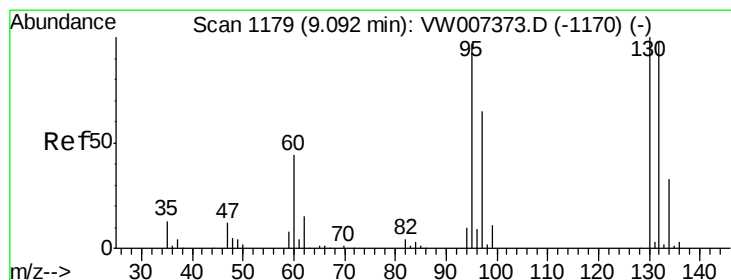
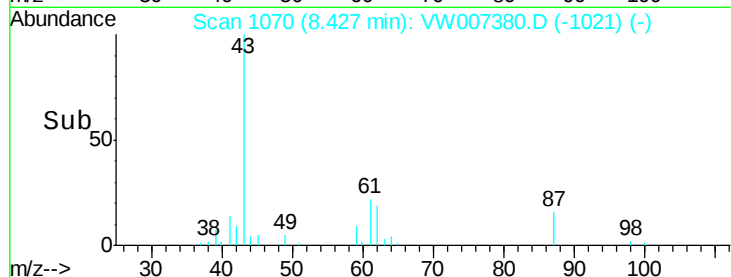
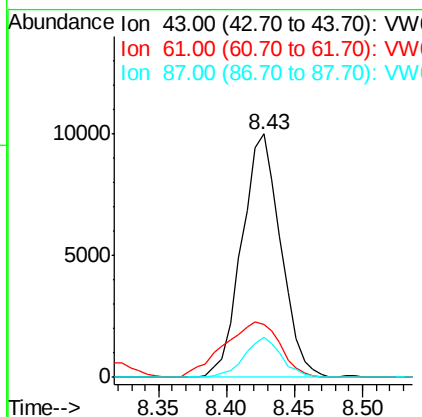
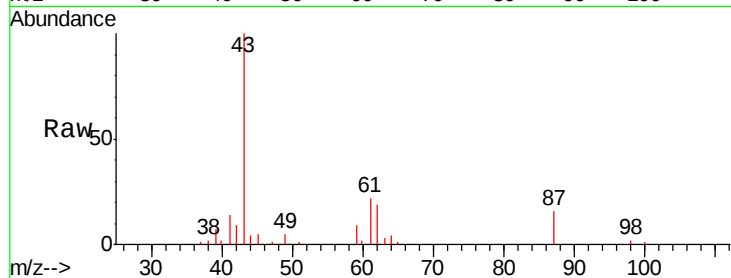
#43
Isopropyl Acetate
Concen: 20.621 ug/l
RT: 8.43 min Scan# 1070
Delta R.T. -0.00 min
Lab File: VW007380.D
Acq: 11 Dec 2018 03:58

Instrument :
MSVOA_W
ClientSampleId :
VW1211SBSD01

Tgt Ion	Ratio	Lower	Upper
43	100		
61	32.7	25.3	37.9
87	15.4	11.8	17.8

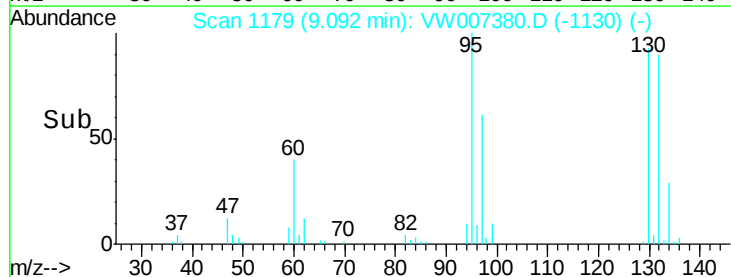
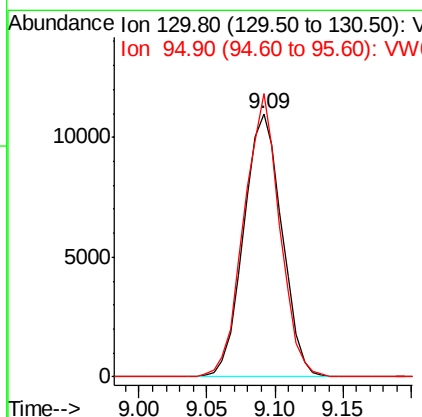
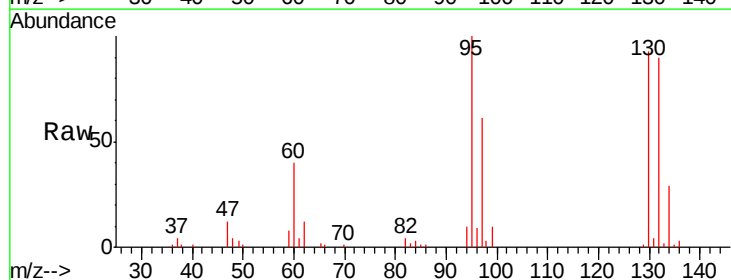
Manual Integrations
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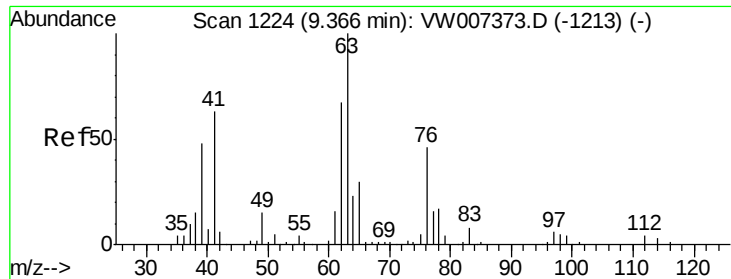
sam
12/27/2018 8:19:44 AM



#44
Trichloroethene
Concen: 20.657 ug/l
RT: 9.09 min Scan# 1179
Delta R.T. -0.00 min
Lab File: VW007380.D
Acq: 11 Dec 2018 03:58

Tgt Ion	Ratio	Lower	Upper
130	100		
95	107.5	0.0	193.2





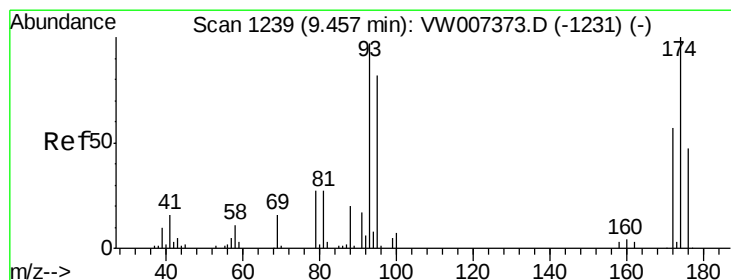
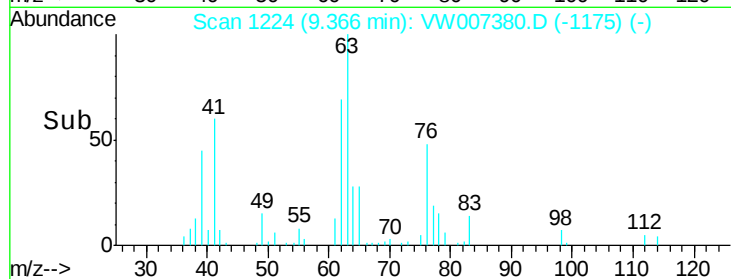
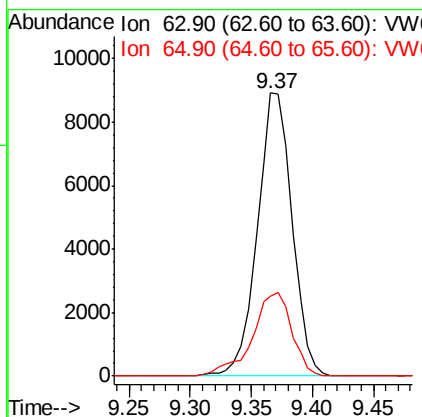
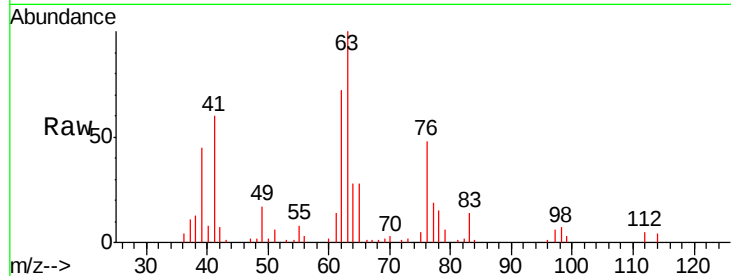
#45
 1,2-Dichloropropane
 Concen: 20.766 ug/l
 RT: 9.37 min Scan# 1224
 Delta R.T. -0.00 min
 Lab File: VW007380.D
 Acq: 11 Dec 2018 03:58

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1211SBSD01

Tgt Ion: 63 Resp: 17605
 Ion Ratio Lower Upper
 63 100
 65 28.4 24.4 36.6

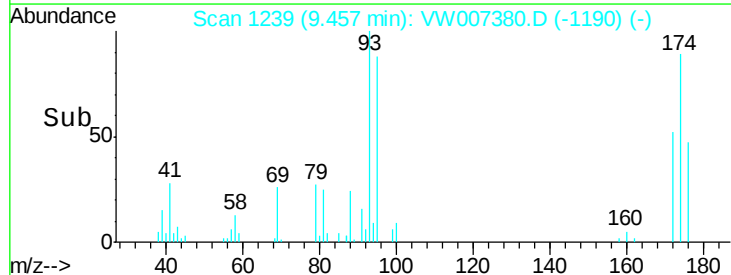
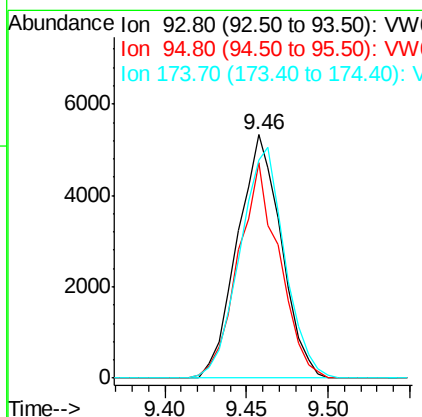
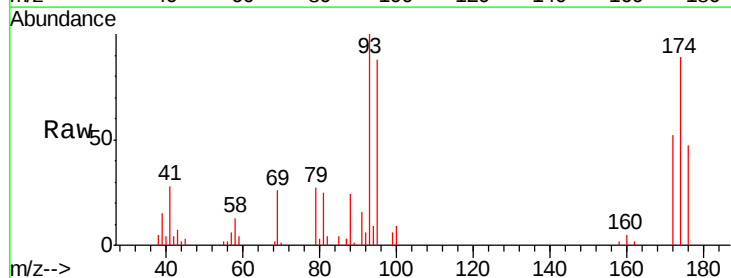
Manual Integrations
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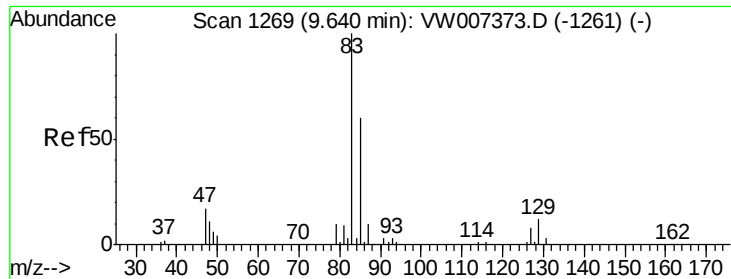
sam
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#46
 Dibromomethane
 Concen: 20.682 ug/l
 RT: 9.46 min Scan# 1239
 Delta R.T. -0.00 min
 Lab File: VW007380.D
 Acq: 11 Dec 2018 03:58

Tgt Ion: 93 Resp: 9957
 Ion Ratio Lower Upper
 93 100
 95 82.9 68.0 102.0
 174 96.6 83.2 124.8





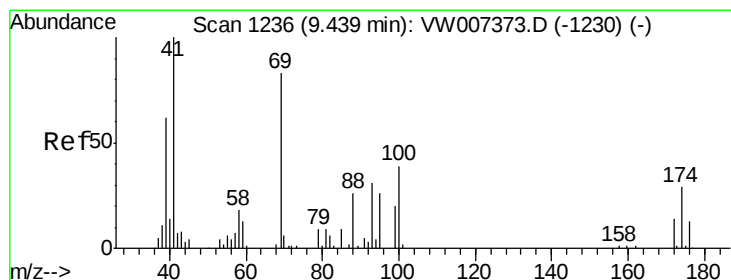
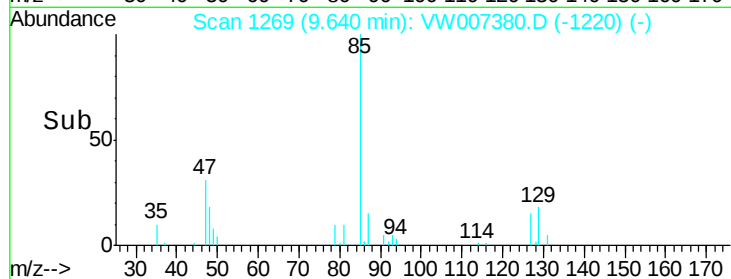
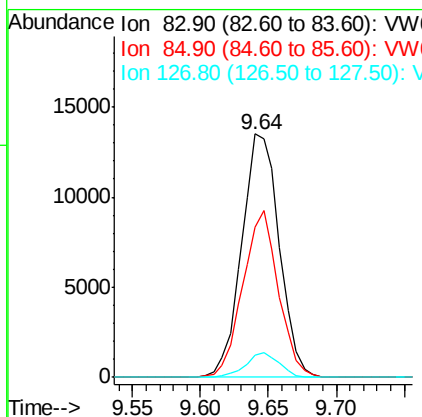
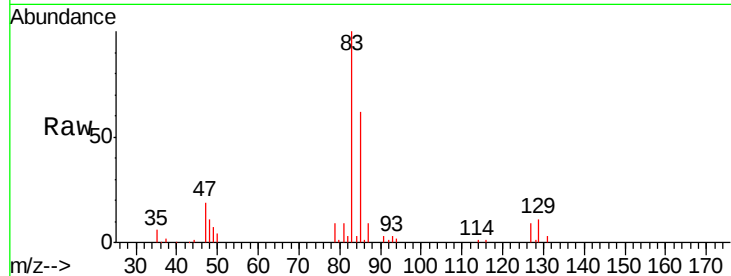
#47
Bromodichloromethane
Concen: 20.653 ug/l
RT: 9.64 min Scan# 1269
Delta R.T. -0.00 min
Lab File: VW007380.D
Acq: 11 Dec 2018 03:58

Instrument :
MSVOA_W
ClientSampleId :
VW1211SBSD01

Tgt Ion	Ratio	Resp	Lower	Upper
83	100	26081		
85	61.6		47.6	71.4
127	9.0		6.7	10.1

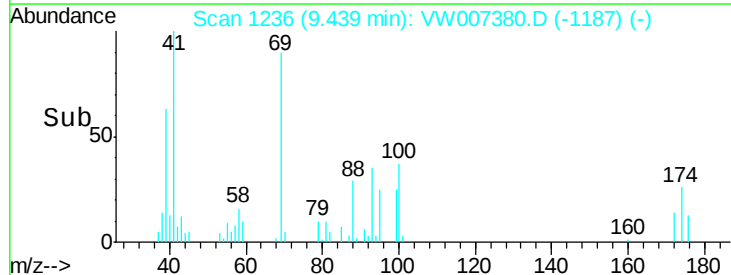
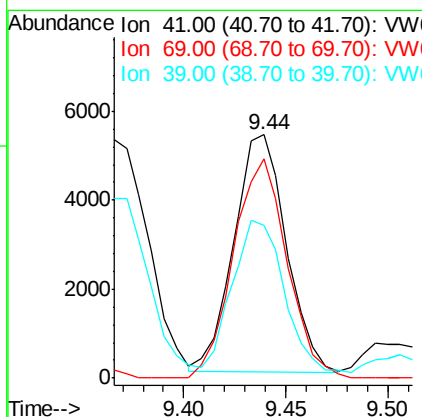
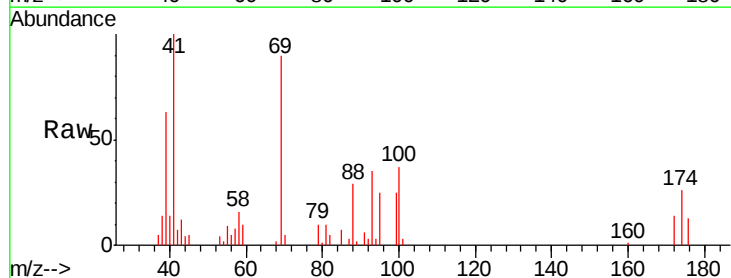
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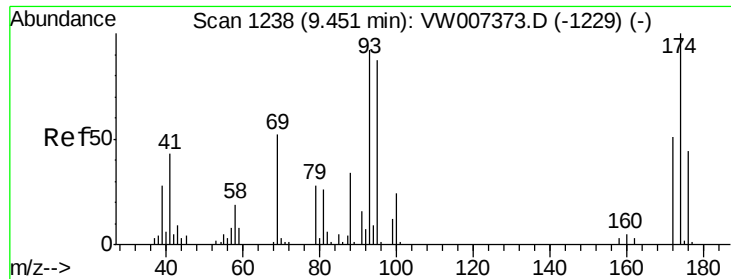
sam
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#48
Methyl methacrylate
Concen: 19.107 ug/l
RT: 9.44 min Scan# 1236
Delta R.T. -0.00 min
Lab File: VW007380.D
Acq: 11 Dec 2018 03:58

Tgt Ion	Ratio	Resp	Lower	Upper
41	100	9517		
69	94.6		69.8	104.8
39	63.2		50.9	76.3





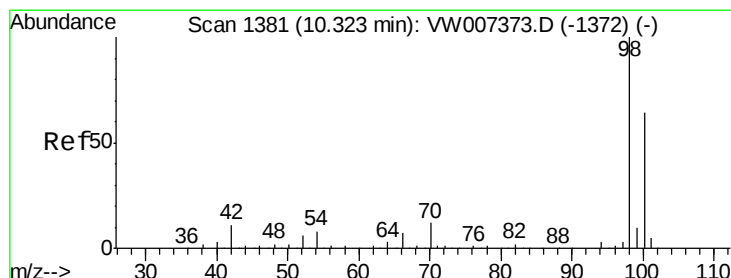
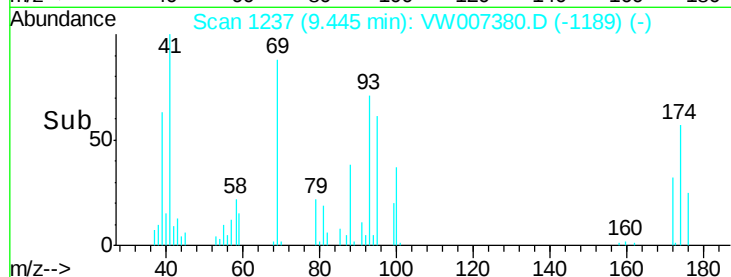
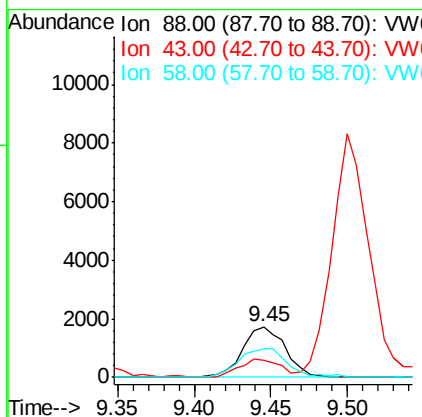
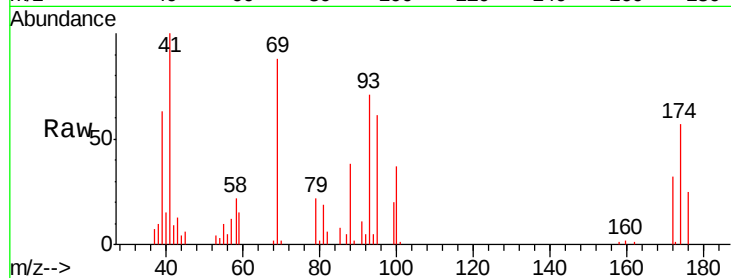
#49
1,4-Dioxane
Concen: 430.771 ug/l
RT: 9.45 min Scan# 1237
Delta R.T. -0.01 min
Lab File: VW007380.D
Acq: 11 Dec 2018 03:58

Instrument :
MSVOA_W
ClientSampleId :
VW1211SBSD01

Tgt Ion	Ratio	Lower	Upper
88	100		
43	33.7	25.0	37.4
58	65.7	51.4	77.2

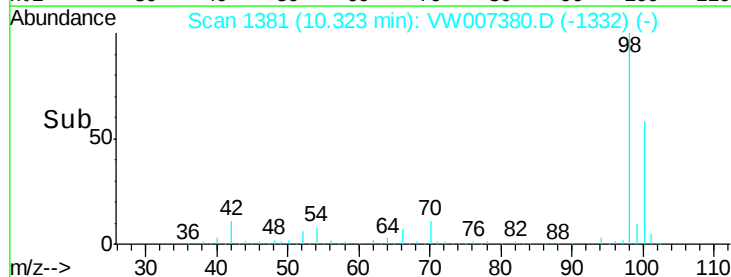
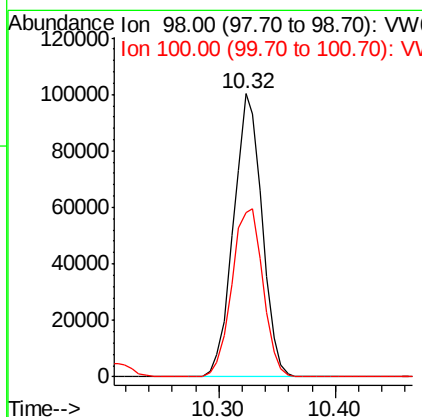
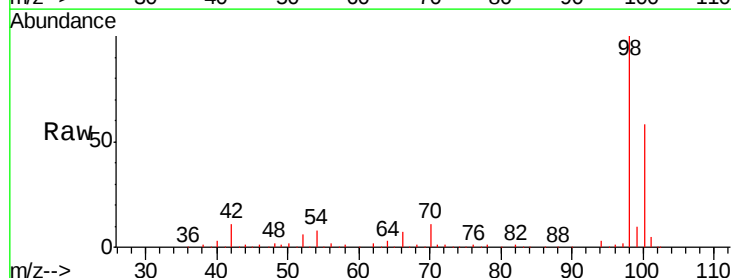
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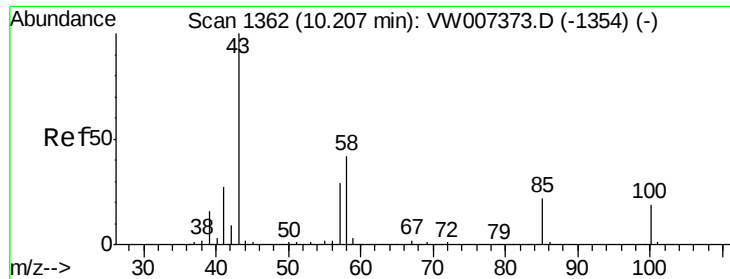
sam
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#50
Toluene-d8
Concen: 52.036 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. -0.00 min
Lab File: VW007380.D
Acq: 11 Dec 2018 03:58

Tgt Ion	Ratio	Lower	Upper
98	100		
100	64.8	51.8	77.8





#51

4-Methyl-2-Pentanone

Concen: 103.915 ug/l

RT: 10.21 min Scan# 1363

Delta R.T. 0.01 min

Lab File: VW007380.D

Acq: 11 Dec 2018 03:58

Instrument :

MSVOA_W

ClientSampleId :

VW1211SBSD01

Tgt Ion: 43 Resp: 47619

Ion Ratio Lower Upper

43 100

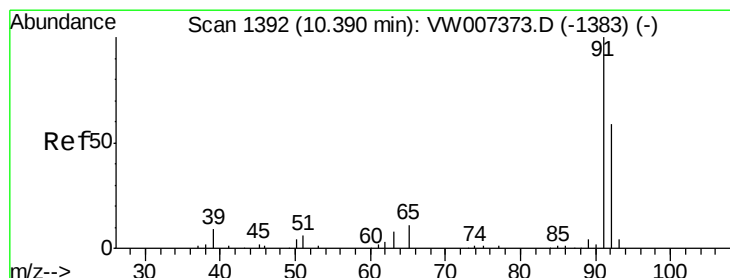
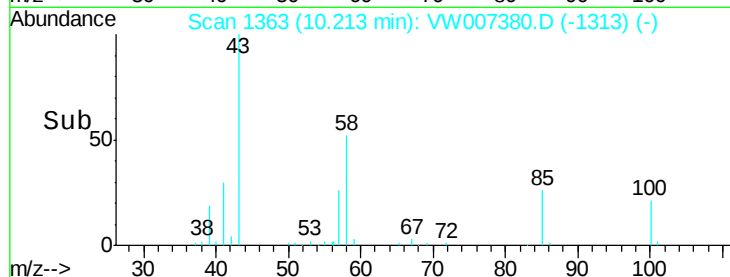
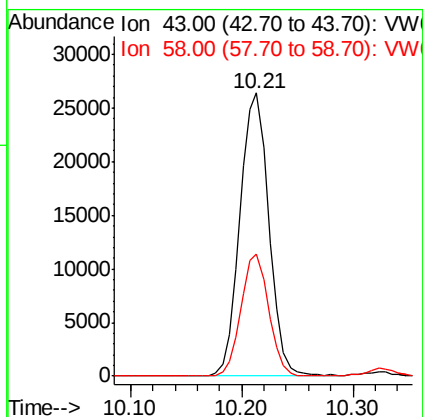
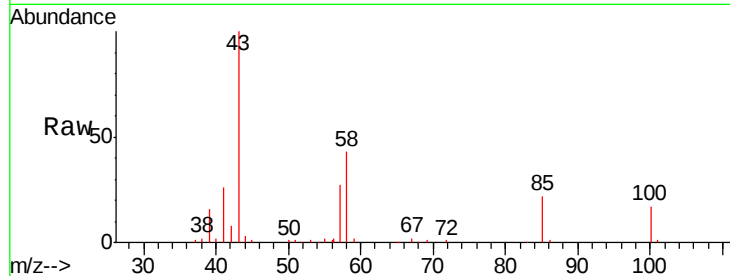
58 41.2 33.1 49.7

Manual Integrations

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sam

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#52

Toluene

Concen: 21.398 ug/l

RT: 10.39 min Scan# 1392

Delta R.T. -0.00 min

Lab File: VW007380.D

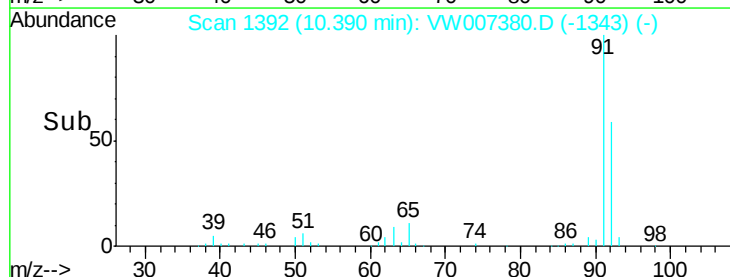
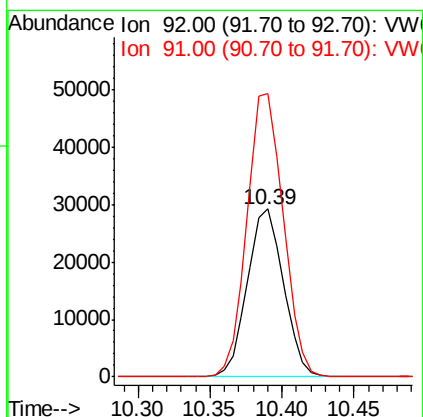
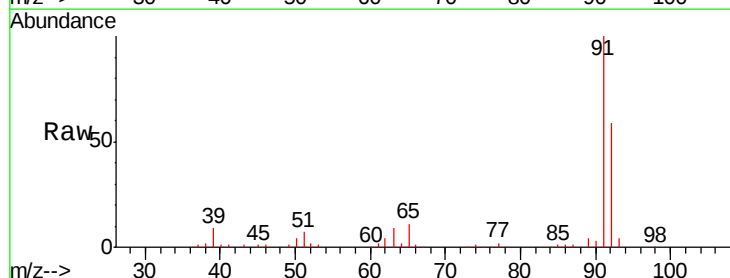
Acq: 11 Dec 2018 03:58

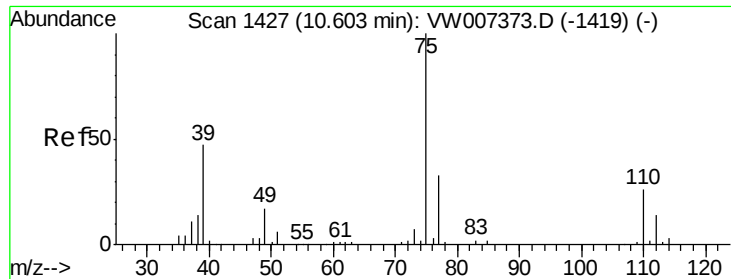
Tgt Ion: 92 Resp: 50731

Ion Ratio Lower Upper

92 100

91 169.6 136.2 204.2





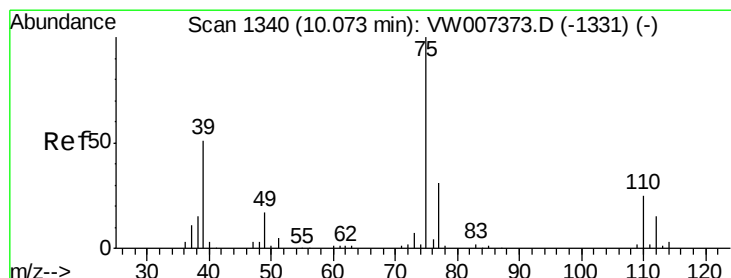
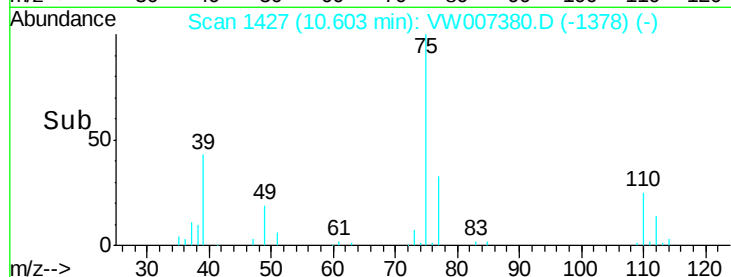
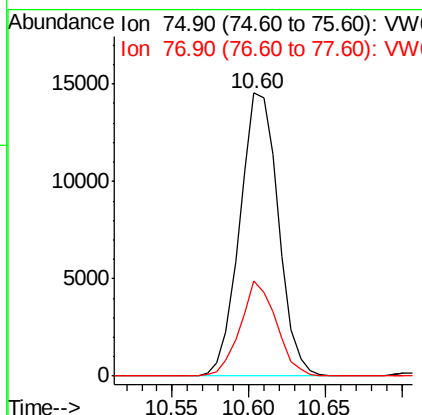
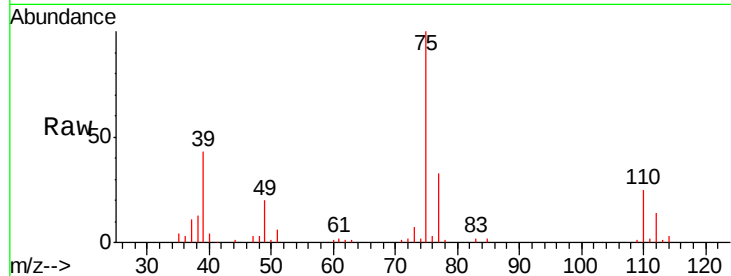
#53
 t-1,3-Dichloropropene
 Concen: 20.742 ug/l
 RT: 10.60 min Scan# 1427
 Delta R.T. -0.00 min
 Lab File: VW007380.D
 Acq: 11 Dec 2018 03:58

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1211SBSD01

Tgt Ion: 75 Resp: 25429
 Ion Ratio Lower Upper
 75 100
 77 33.4 26.2 39.4

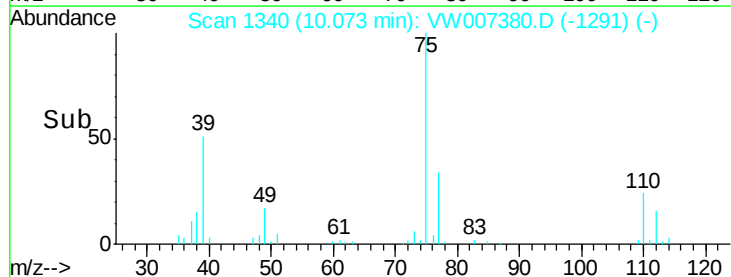
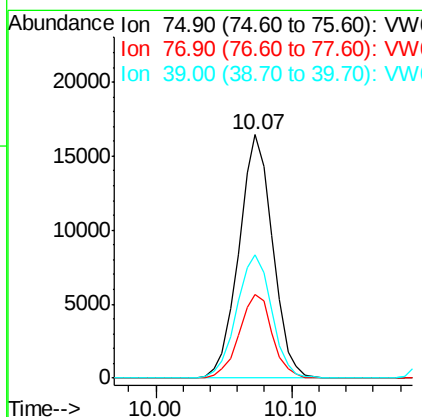
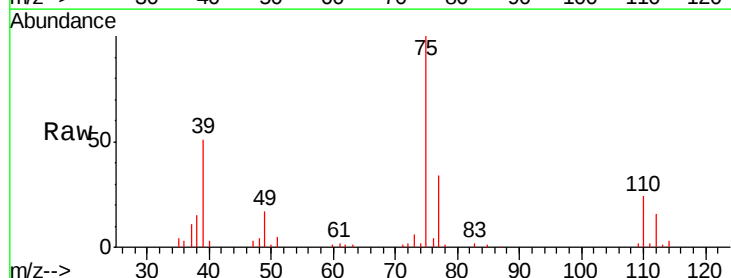
Manual Integrations
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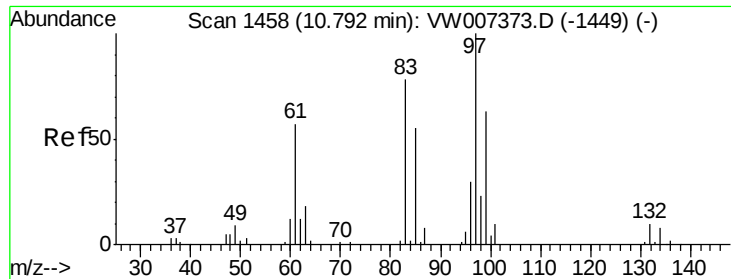
sam
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#54
 cis-1,3-Dichloropropene
 Concen: 20.141 ug/l
 RT: 10.07 min Scan# 1340
 Delta R.T. -0.00 min
 Lab File: VW007380.D
 Acq: 11 Dec 2018 03:58

Tgt Ion: 75 Resp: 28545
 Ion Ratio Lower Upper
 75 100
 77 34.2 24.8 37.2
 39 50.6 40.9 61.3





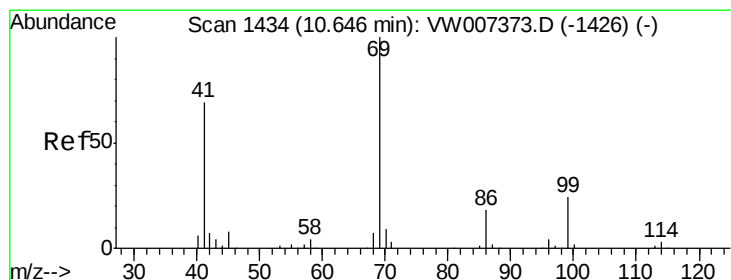
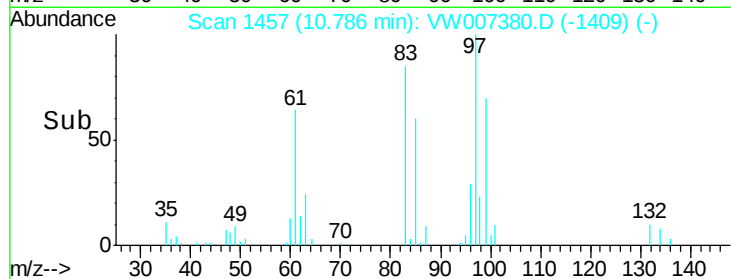
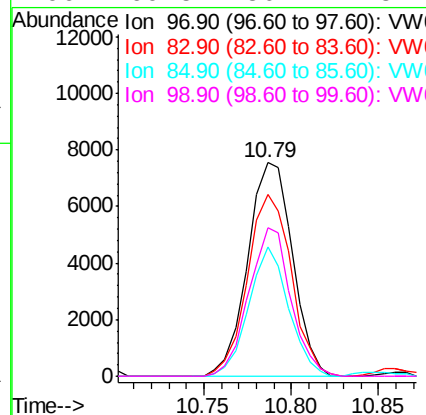
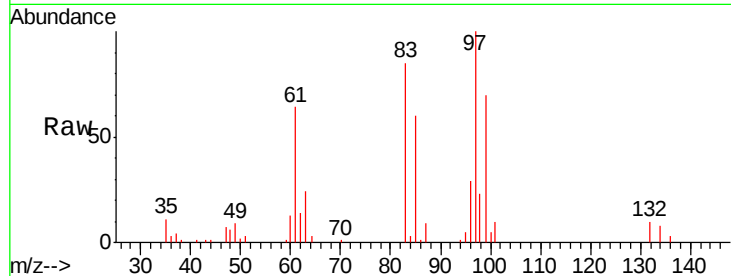
#55
 1,1,2-Trichloroethane
 Concen: 20.535 ug/l
 RT: 10.79 min Scan# 1457
 Delta R.T. -0.01 min
 Lab File: VW007380.D
 Acq: 11 Dec 2018 03:58

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1211SBSD01

Tgt Ion	Ratio	Lower	Upper
97	100		
83	85.1	62.1	93.1
85	60.3	44.2	66.4
99	69.5	50.2	75.4

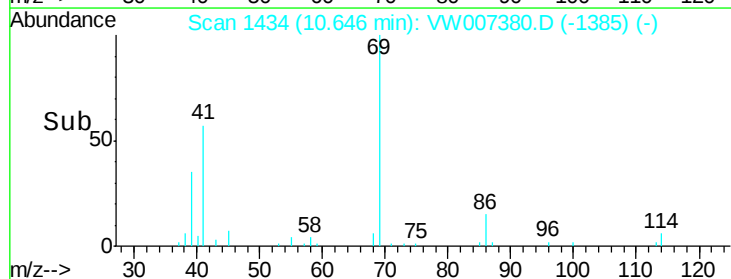
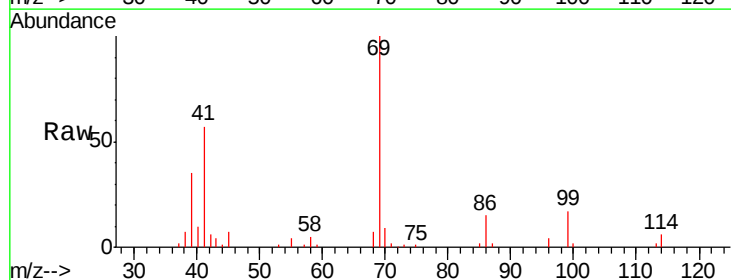
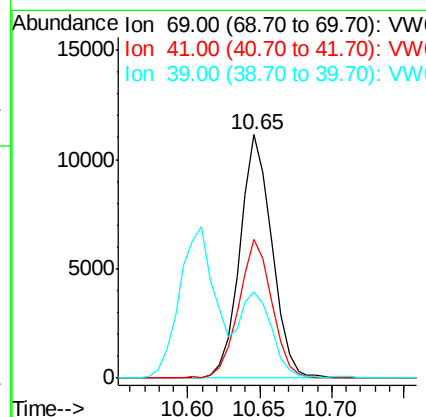
Manual Integrations
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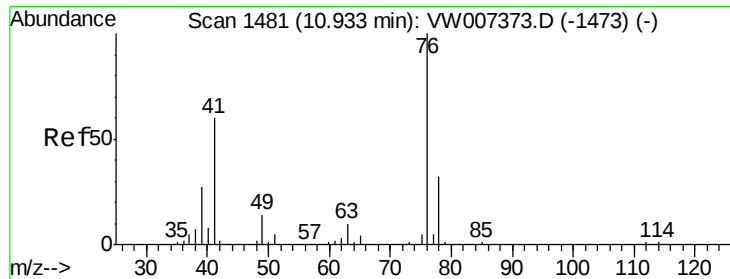
sam
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#56
 Ethyl methacrylate
 Concen: 21.784 ug/l
 RT: 10.65 min Scan# 1434
 Delta R.T. -0.00 min
 Lab File: VW007380.D
 Acq: 11 Dec 2018 03:58

Tgt Ion	Ratio	Lower	Upper
69	100		
41	59.1	51.0	76.6
39	36.1	30.8	46.2





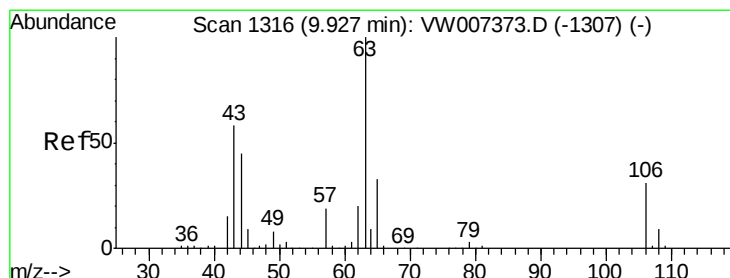
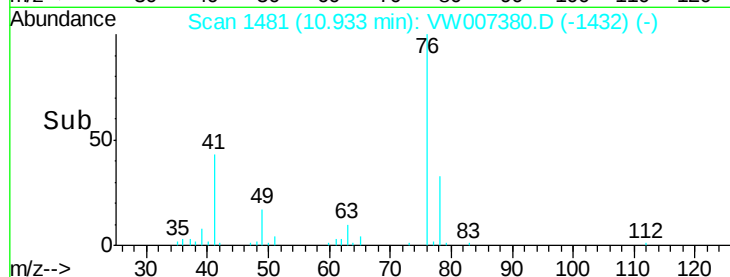
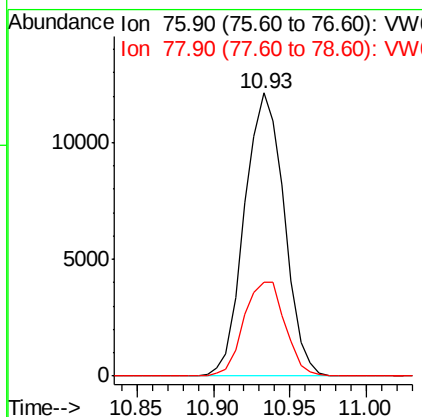
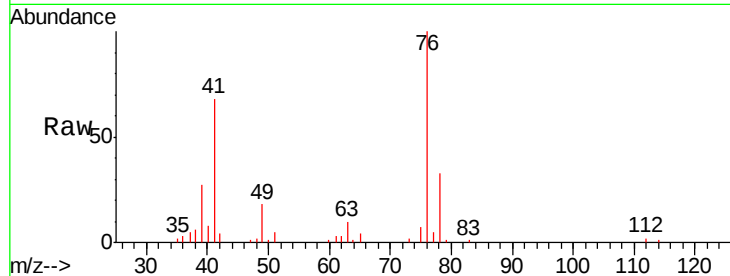
#57
 1,3-Dichloropropane
 Concen: 20.398 ug/l
 RT: 10.93 min Scan# 1481
 Delta R.T. -0.00 min
 Lab File: VW007380.D
 Acq: 11 Dec 2018 03:58

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1211SBS01

Tgt Ion: 76 Resp: 21937
 Ion Ratio Lower Upper
 76 100
 78 34.6 26.2 39.4

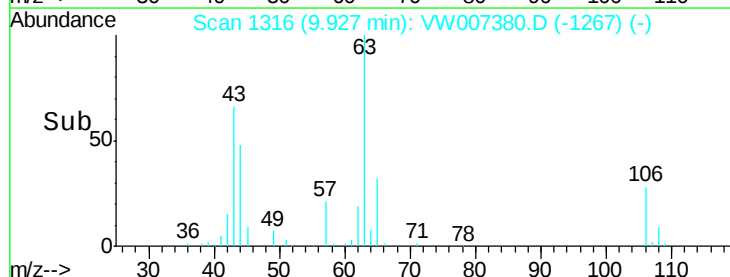
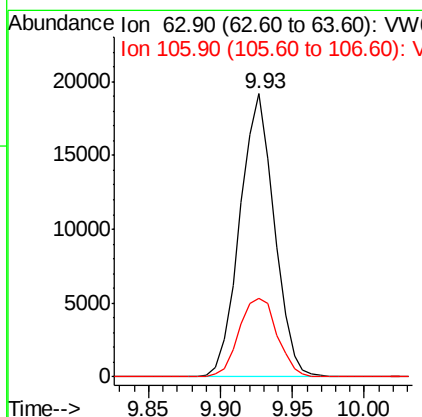
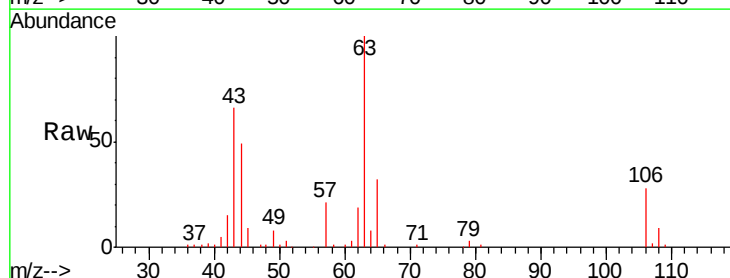
Manual Integrations
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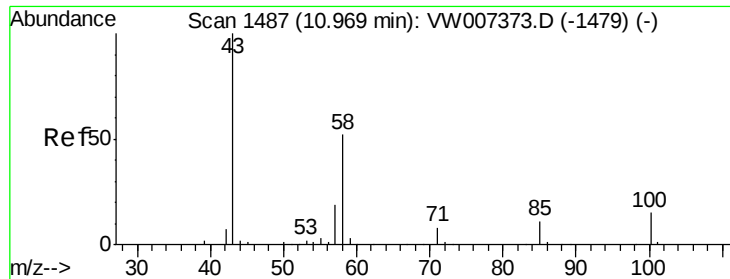
sam
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#58
 2-Chloroethyl Vinyl ether
 Concen: 87.389 ug/l
 RT: 9.93 min Scan# 1316
 Delta R.T. -0.00 min
 Lab File: VW007380.D
 Acq: 11 Dec 2018 03:58

Tgt Ion: 63 Resp: 31738
 Ion Ratio Lower Upper
 63 100
 106 30.7 25.0 37.6





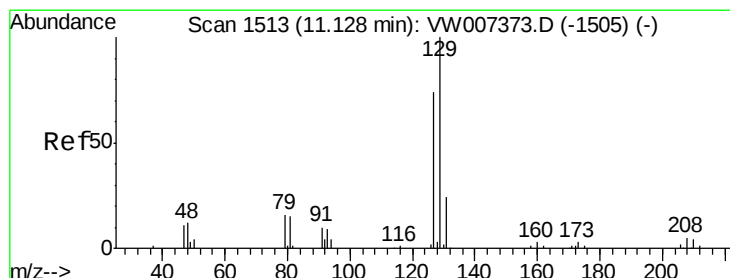
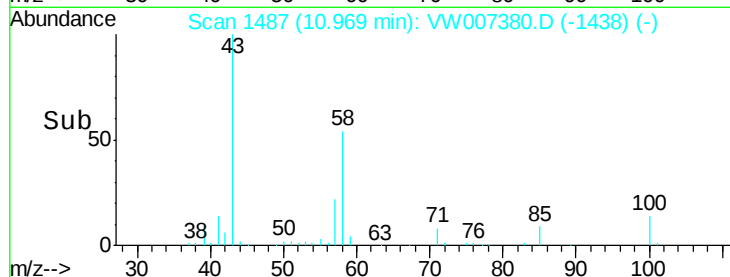
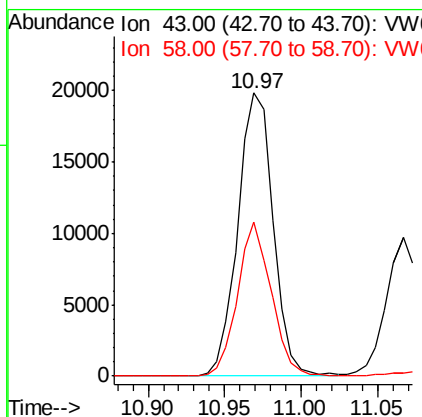
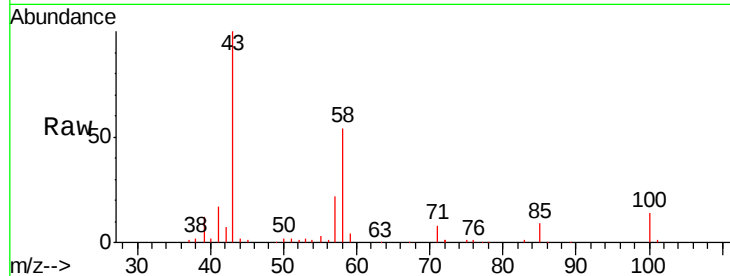
#59
2-Hexanone
Concen: 104.323 ug/l
RT: 10.97 min Scan# 1487
Delta R.T. -0.00 min
Lab File: VW007380.D
Acq: 11 Dec 2018 03:58

Instrument :
MSVOA_W
ClientSampleId :
VW1211SBSD01

Tgt Ion: 43 Resp: 31877
Ion Ratio Lower Upper
43 100
58 52.0 27.1 81.3

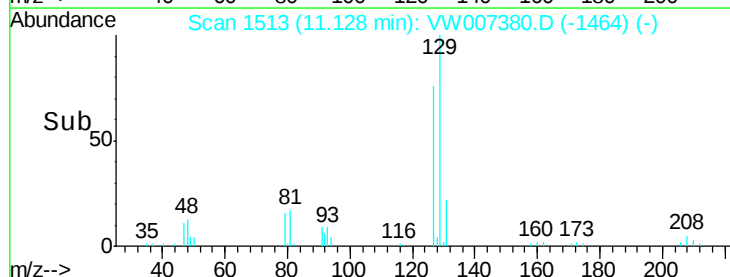
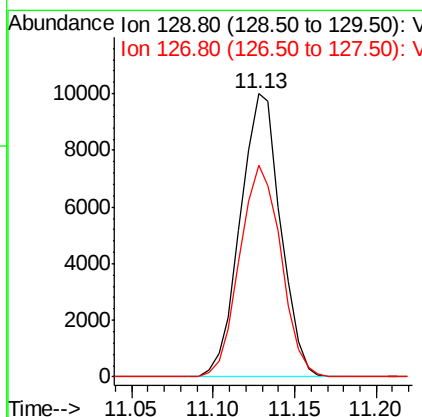
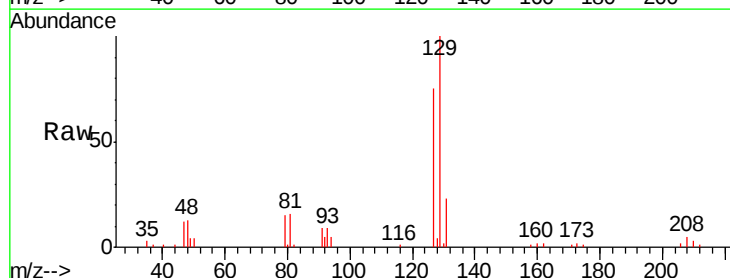
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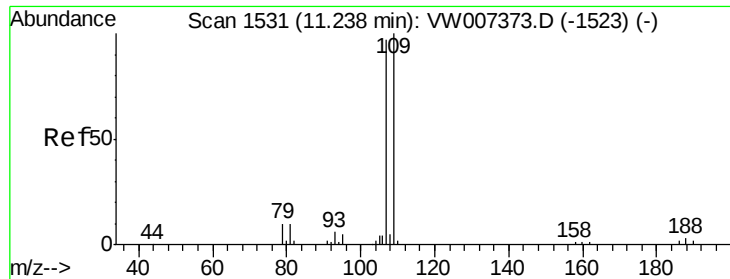
sam
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#60
Dibromochloromethane
Concen: 20.809 ug/l
RT: 11.13 min Scan# 1513
Delta R.T. -0.00 min
Lab File: VW007380.D
Acq: 11 Dec 2018 03:58

Tgt Ion: 129 Resp: 17207
Ion Ratio Lower Upper
129 100
127 76.4 38.1 114.3





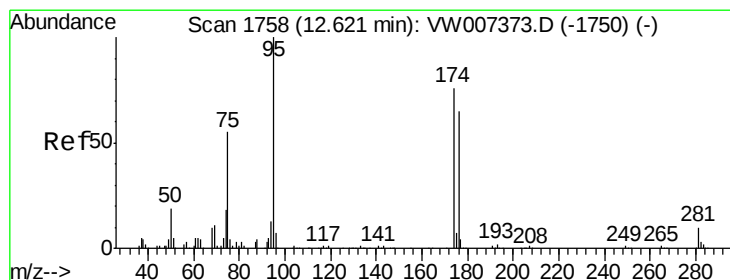
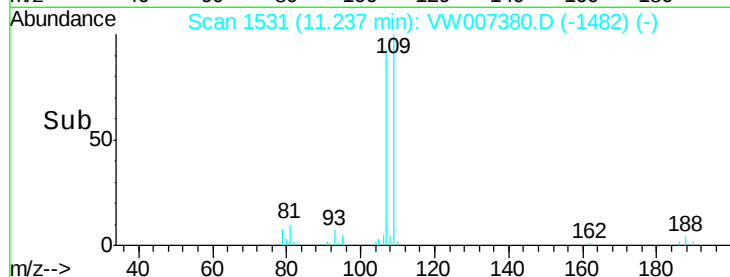
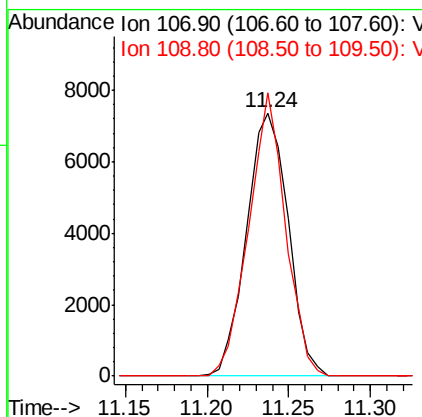
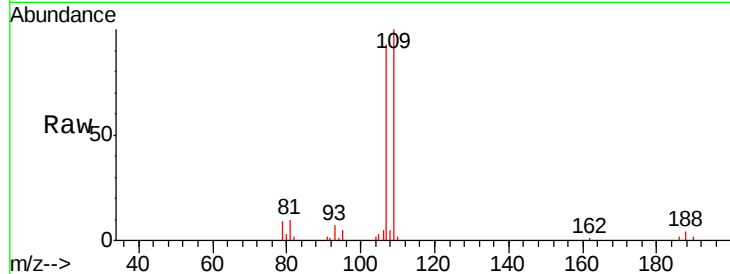
#61
 1,2-Dibromoethane
 Concen: 20.282 ug/l
 RT: 11.24 min Scan# 1531
 Delta R.T. -0.00 min
 Lab File: VW007380.D
 Acq: 11 Dec 2018 03:58

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1211SBSD01

Tgt Ion: 107 Resp: 13133
 Ion Ratio Lower Upper
 107 100
 109 94.8 79.1 118.7

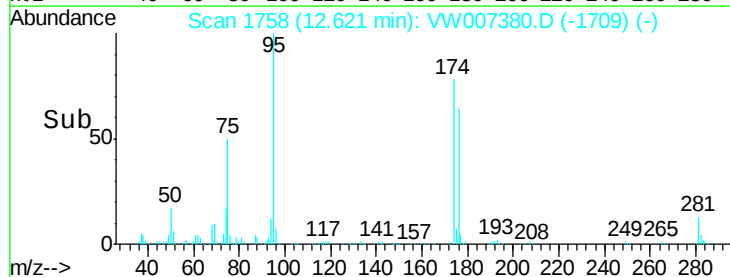
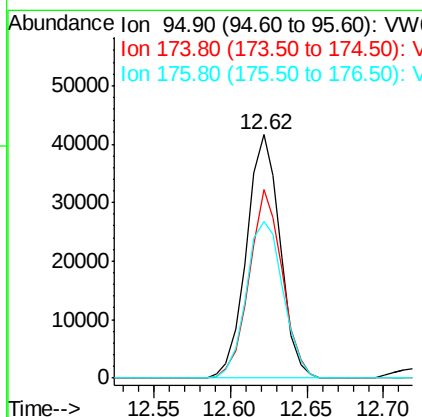
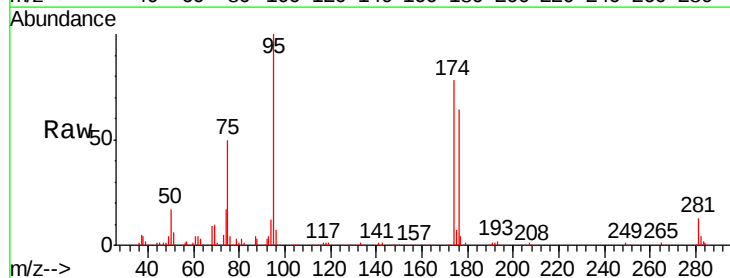
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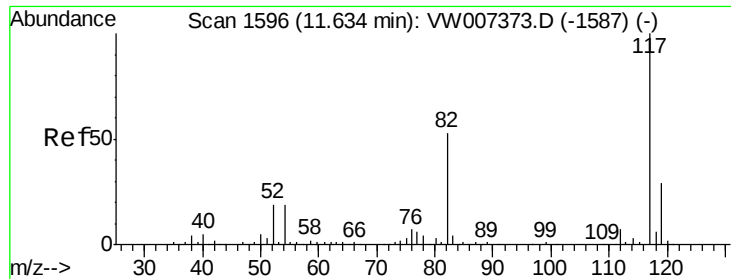
sam
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#62
 4-Bromofluorobenzene
 Concen: 52.575 ug/l
 RT: 12.62 min Scan# 1758
 Delta R.T. -0.00 min
 Lab File: VW007380.D
 Acq: 11 Dec 2018 03:58

Tgt Ion: 95 Resp: 63489
 Ion Ratio Lower Upper
 95 100
 174 76.1 0.0 147.2
 176 70.7 0.0 138.8





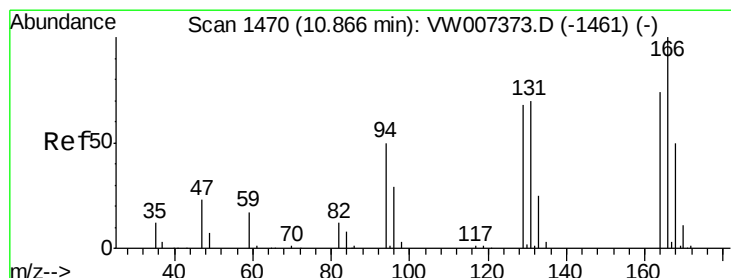
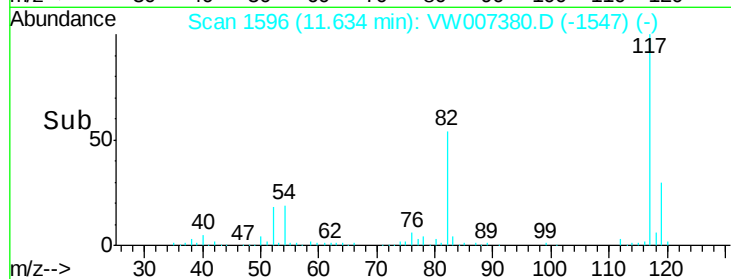
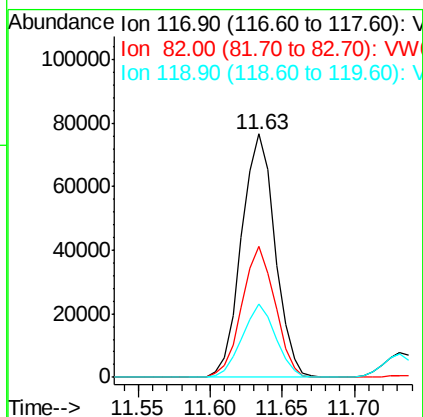
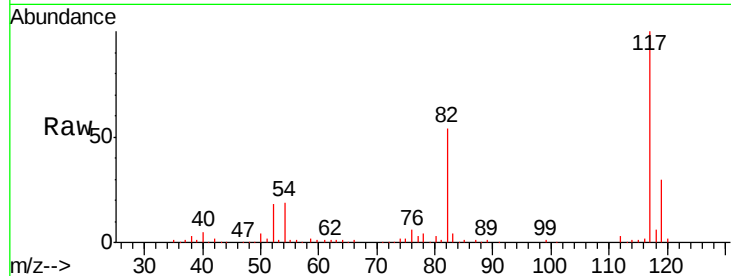
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW007380.D
Acq: 11 Dec 2018 03:58

Instrument :
MSVOA_W
ClientSampleId :
VW1211SBSD01

Tgt Ion	Ratio	Lower	Upper
117	100		
82	53.8	42.3	63.5
119	30.0	23.0	34.6

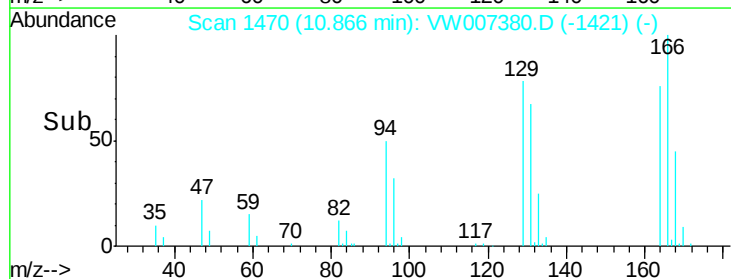
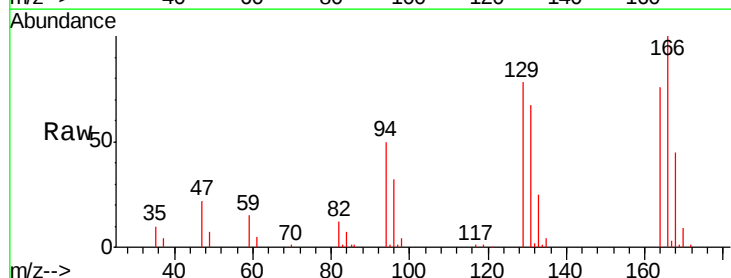
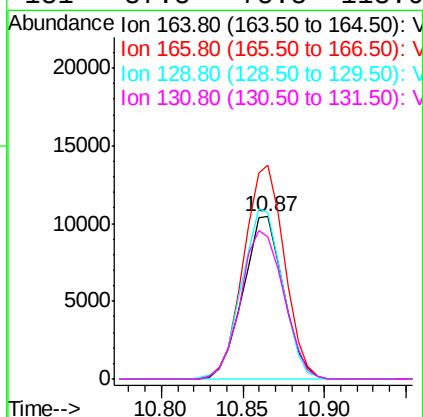
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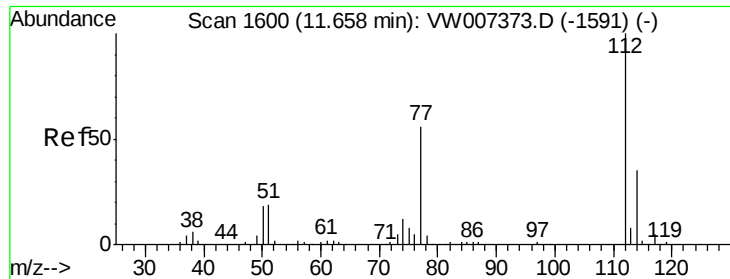
sam
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#64
Tetrachloroethene
Concen: 20.338 ug/l
RT: 10.87 min Scan# 1470
Delta R.T. -0.00 min
Lab File: VW007380.D
Acq: 11 Dec 2018 03:58

Tgt Ion	Ratio	Lower	Upper
164	100		
166	131.6	107.9	161.9
129	102.7	73.4	110.2
131	87.5	75.8	113.6





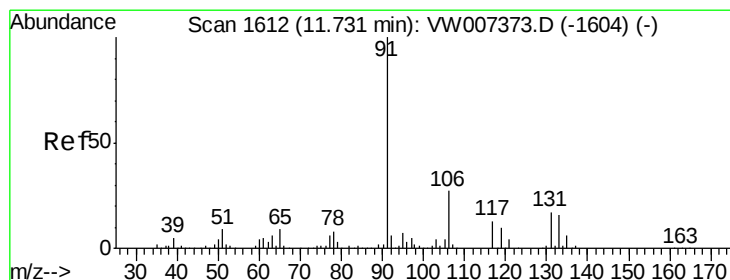
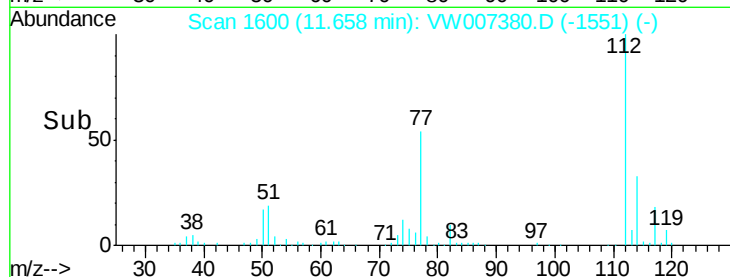
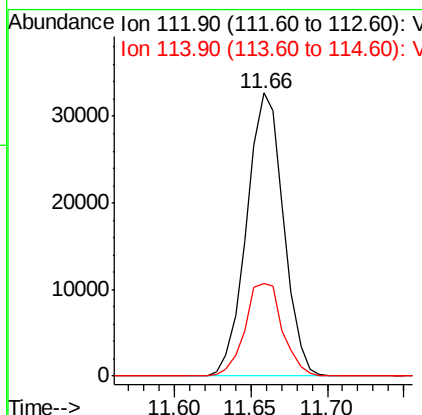
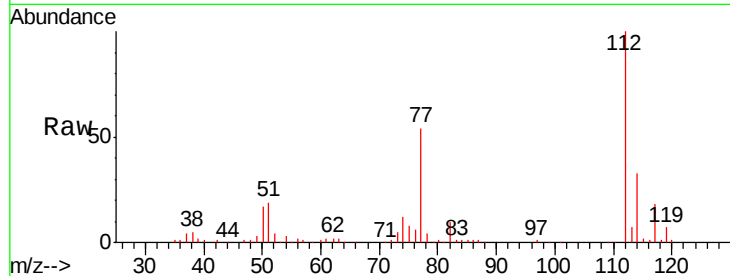
#65
Chlorobenzene
Concen: 21.195 ug/l
RT: 11.66 min Scan# 1600
Delta R.T. -0.00 min
Lab File: VW007380.D
Acq: 11 Dec 2018 03:58

Instrument :
MSVOA_W
ClientSampleId :
VW1211SBSD01

Tgt Ion:112 Resp: 54692
Ion Ratio Lower Upper
112 100
114 32.9 27.8 41.8

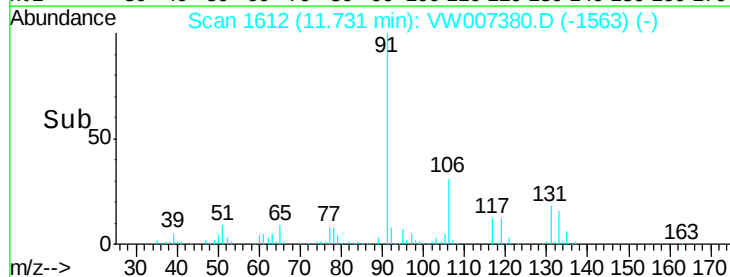
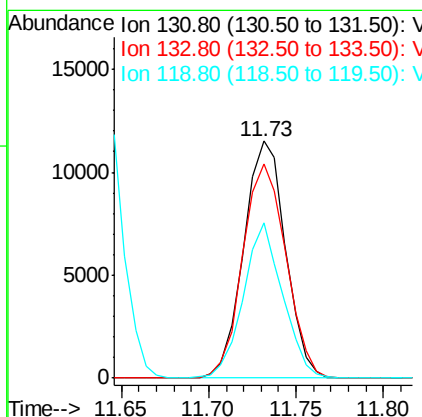
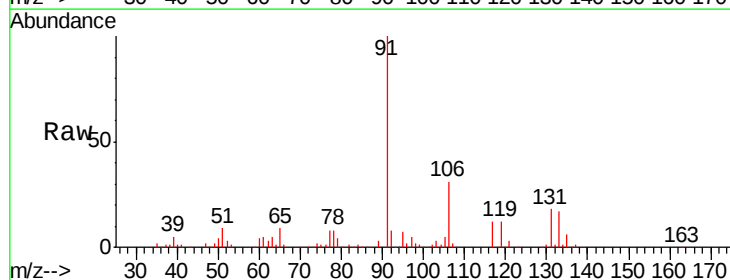
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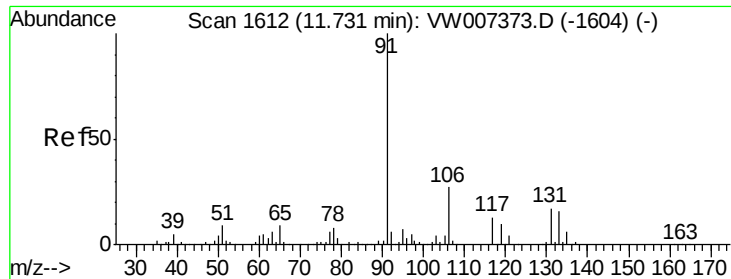
sam
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#66
1,1,1,2-Tetrachloroethane
Concen: 21.035 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. -0.00 min
Lab File: VW007380.D
Acq: 11 Dec 2018 03:58

Tgt Ion:131 Resp: 19117
Ion Ratio Lower Upper
131 100
133 93.8 47.1 141.4
119 61.6 31.3 93.9





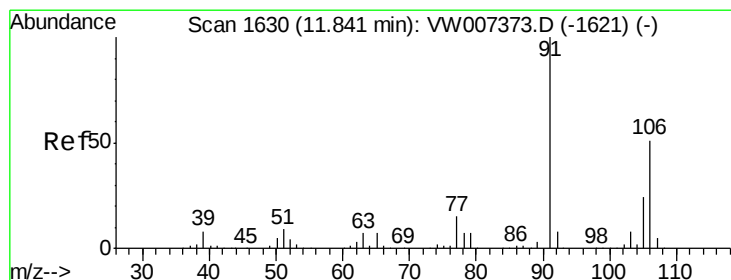
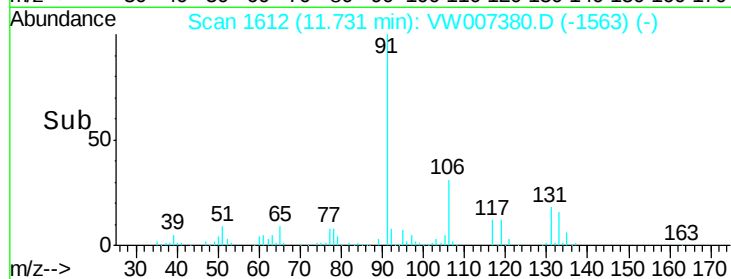
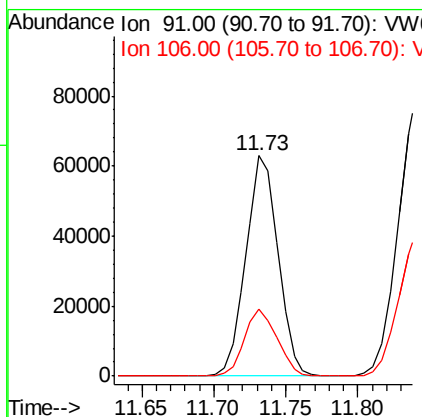
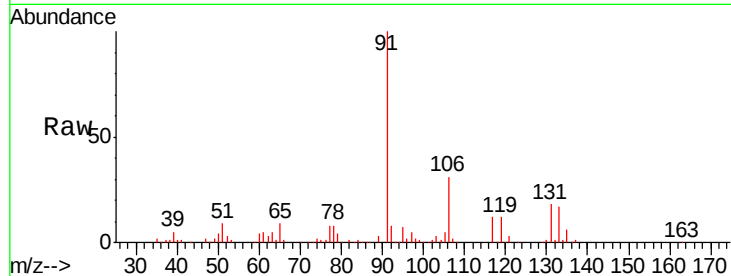
#67
Ethyl Benzene
Concen: 21.883 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. -0.00 min
Lab File: VW007380.D
Acq: 11 Dec 2018 03:58

Instrument :
MSVOA_W
ClientSampleId :
VW1211SBSD01

Tgt Ion: 91 Resp: 97086
Ion Ratio Lower Upper
91 100
106 30.6 21.8 32.8

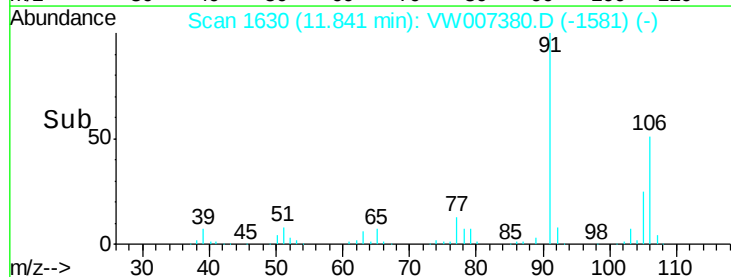
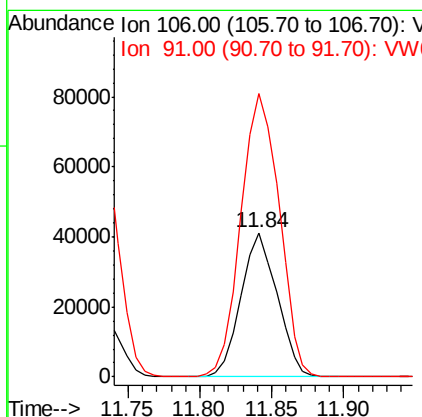
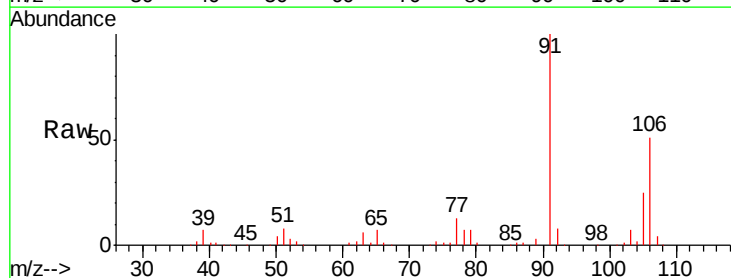
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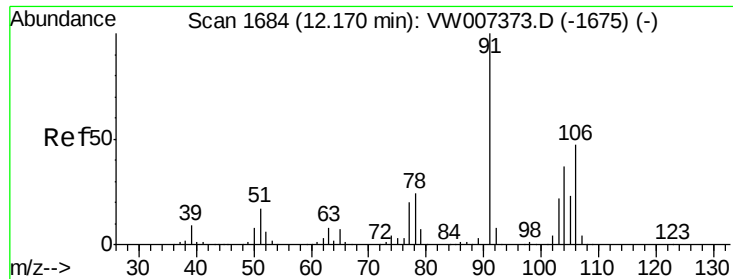
sam
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#68
m/p-Xylenes
Concen: 41.737 ug/l
RT: 11.84 min Scan# 1630
Delta R.T. -0.00 min
Lab File: VW007380.D
Acq: 11 Dec 2018 03:58

Tgt Ion: 106 Resp: 71986
Ion Ratio Lower Upper
106 100
91 208.3 165.3 247.9





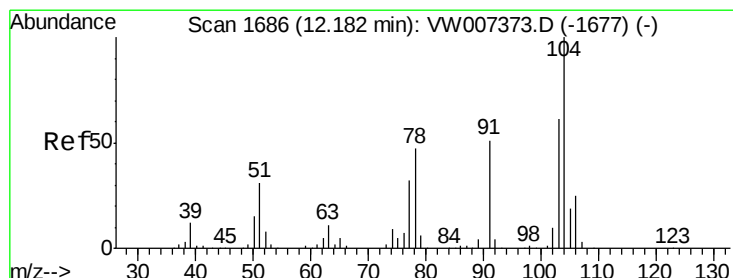
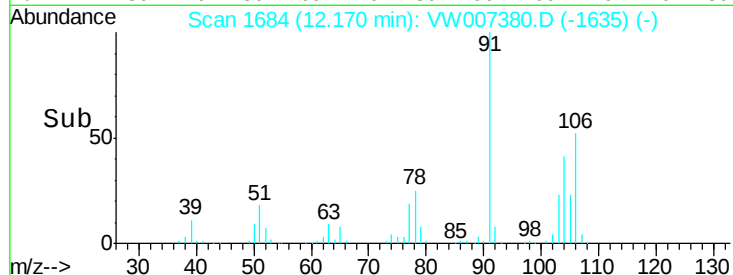
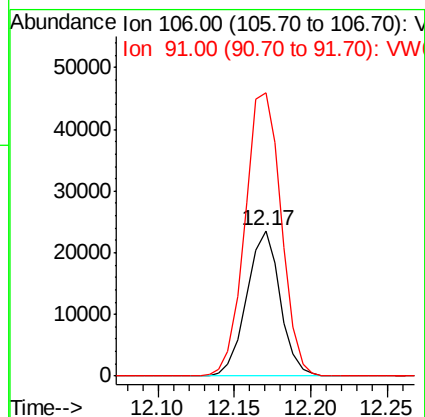
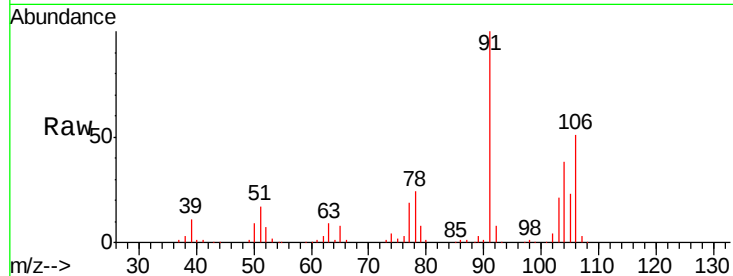
#69
o-Xylene
Concen: 22.225 ug/l
RT: 12.17 min Scan# 1684
Delta R.T. -0.00 min
Lab File: VW007380.D
Acq: 11 Dec 2018 03:58

Instrument :
MSVOA_W
ClientSampleId :
VW1211SBSD01

Tgt Ion:106 Resp: 35800
Ion Ratio Lower Upper
106 100
91 211.0 106.6 319.8

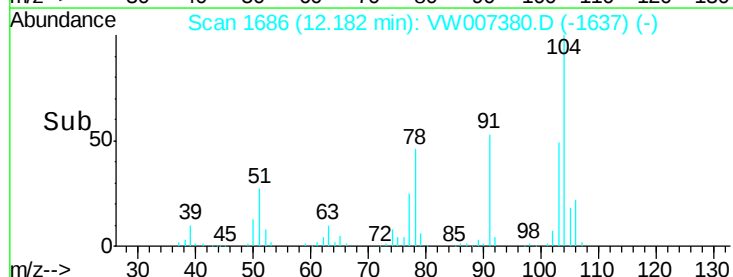
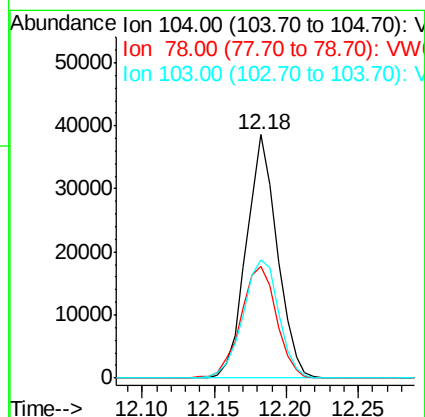
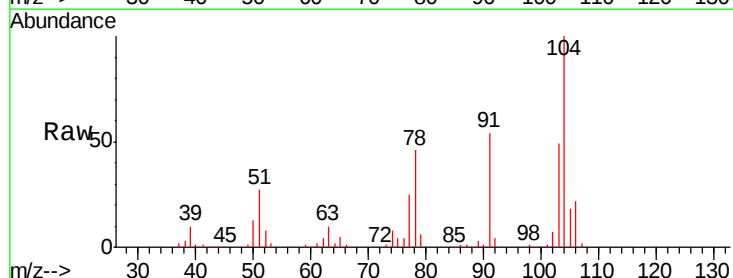
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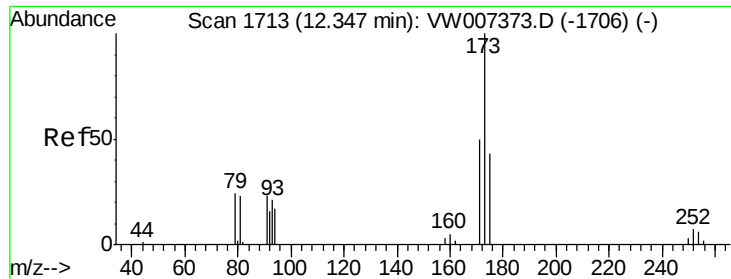
sam
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#70
Styrene
Concen: 21.997 ug/l
RT: 12.18 min Scan# 1686
Delta R.T. -0.00 min
Lab File: VW007380.D
Acq: 11 Dec 2018 03:58

Tgt Ion:104 Resp: 57230
Ion Ratio Lower Upper
104 100
78 53.3 41.8 62.8
103 56.3 46.6 69.8





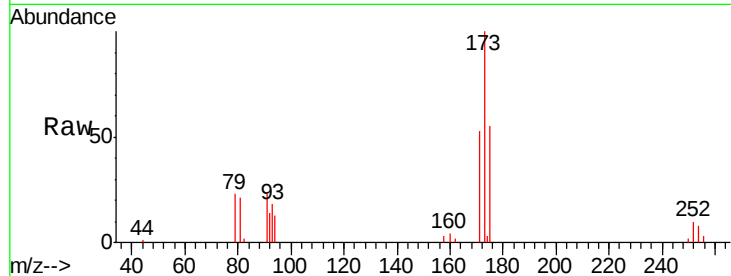
#71
Bromoform
Concen: 19.738 ug/l
RT: 12.35 min Scan# 1714
Delta R.T. 0.01 min
Lab File: VW007380.D
Acq: 11 Dec 2018 03:58

Instrument :
MSVOA_W
ClientSampleId :
VW1211SBSD01

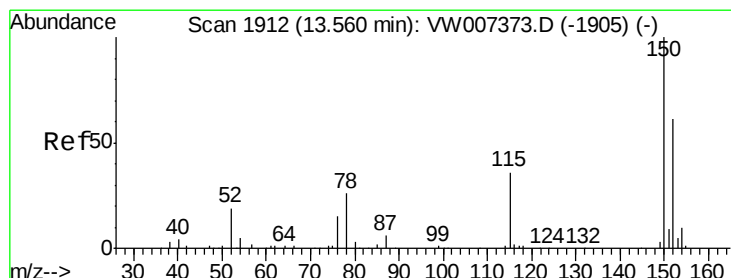
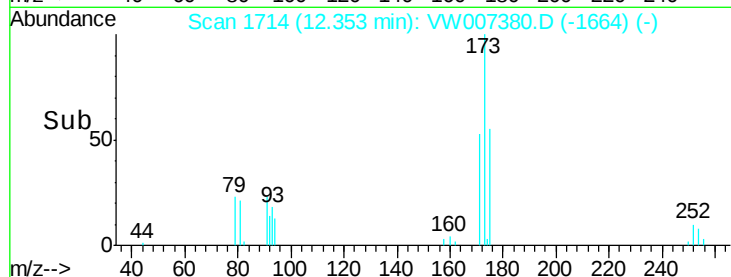
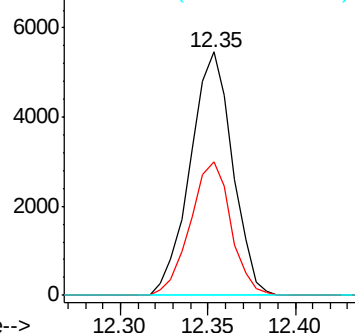
Tgt Ion	Ratio	Lower	Upper
173	100		
175	52.8	23.6	70.8
254	0.0	0.0	0.0

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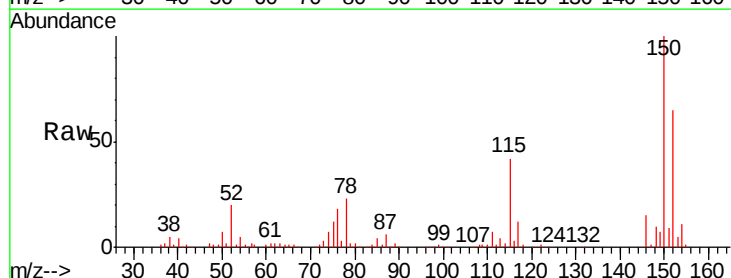


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

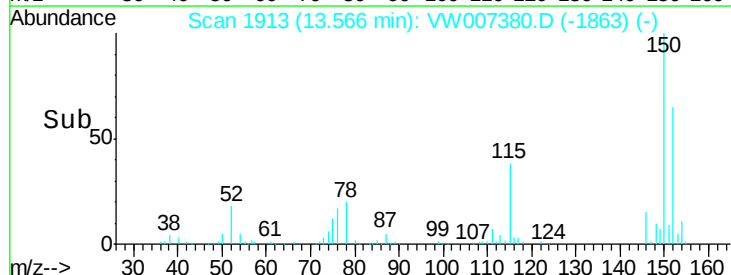
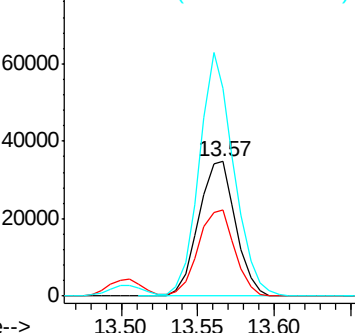


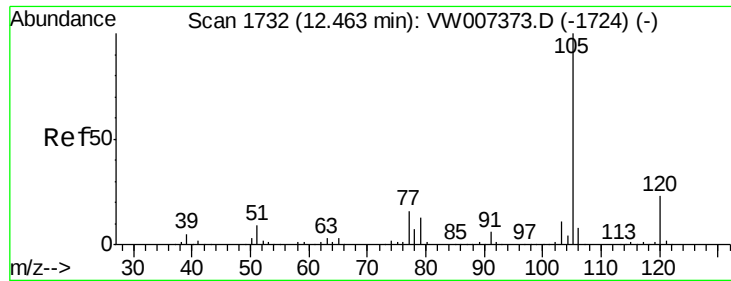
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.57 min Scan# 1913
Delta R.T. 0.01 min
Lab File: VW007380.D
Acq: 11 Dec 2018 03:58

Tgt Ion	Ratio	Lower	Upper
152	100		
115	63.3	31.4	94.2
150	168.3	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: 20.934 ug/l

RT: 12.47 min Scan# 1733

Delta R.T. 0.01 min

Lab File: VW007380.D

Acq: 11 Dec 2018 03:58

Instrument :

MSVOA_W

ClientSampleId :

VW1211SBSD01

Tgt Ion: 105 Resp: 93876

Ion Ratio Lower Upper

105 100

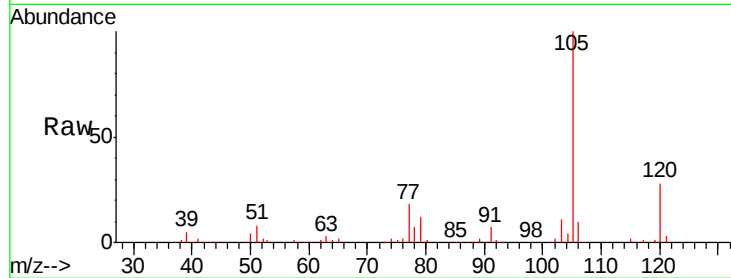
120 26.6 12.8 38.4

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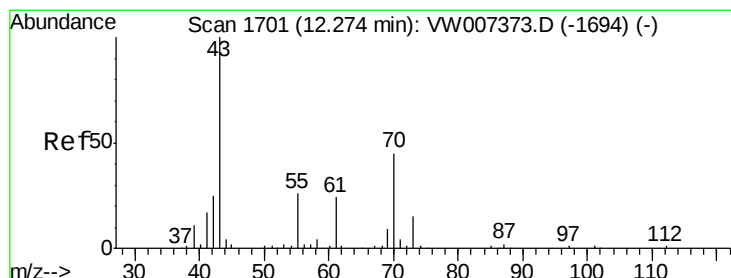
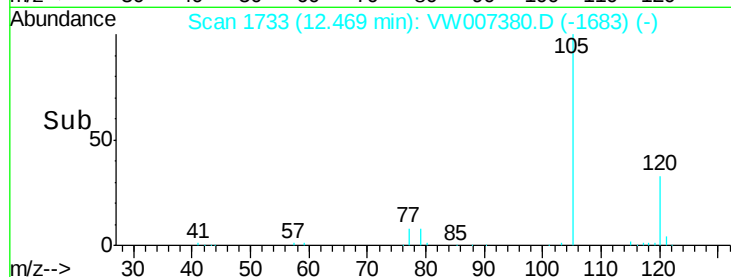
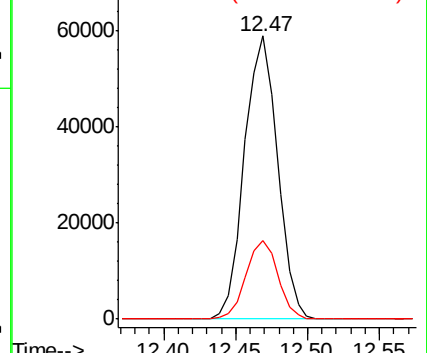
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 20.883 ug/l

RT: 12.27 min Scan# 1701

Delta R.T. -0.00 min

Lab File: VW007380.D

Acq: 11 Dec 2018 03:58

Tgt Ion: 43 Resp: 17019

Ion Ratio Lower Upper

43 100

70 42.5 36.5 54.7

55 27.0 20.1 30.1

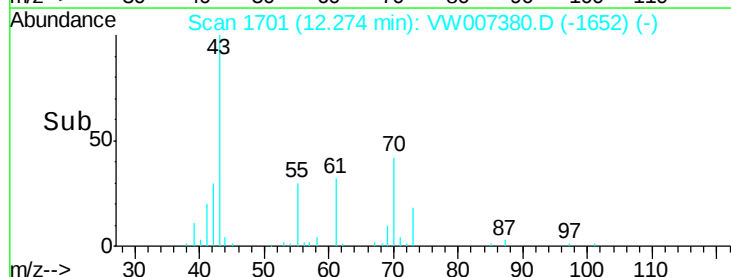
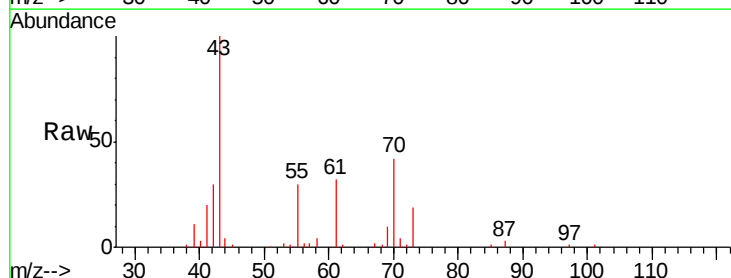
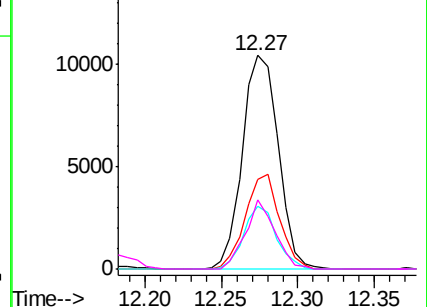
61 26.4 19.3 28.9

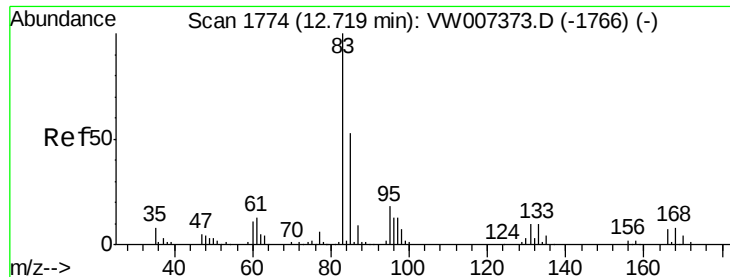
Abundance Ion 43.00 (42.70 to 43.70): VW

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





#75

1,1,2,2-Tetrachloroethane

Concen: 21.085 ug/l

RT: 12.72 min Scan# 1774

Delta R.T. -0.00 min

Lab File: VW007380.D

Acq: 11 Dec 2018 03:58

Instrument :

MSVOA_W

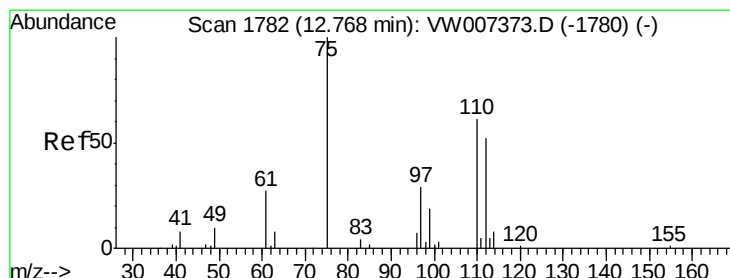
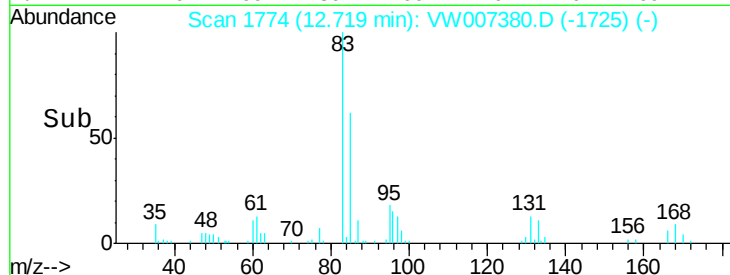
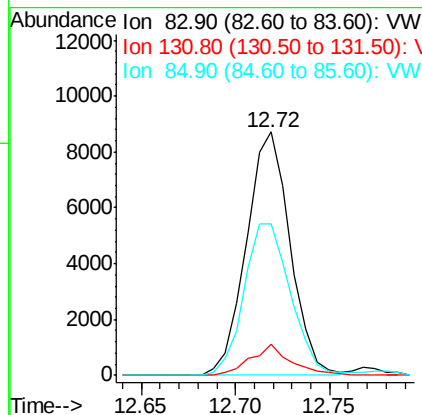
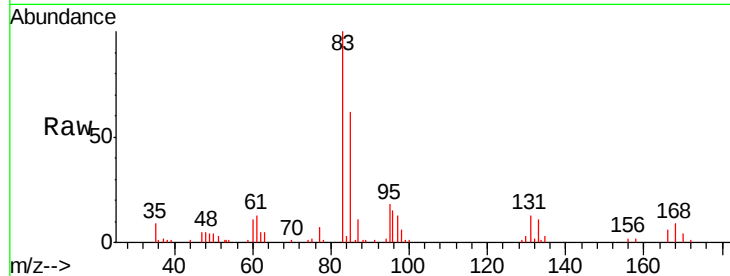
ClientSampleId :

VW1211SBSD01

Tgt Ion:	83	Resp:	14004
Ion Ratio	Lower	Upper	
83	100		
131	11.6	5.9	17.8
85	66.6	30.0	90.0

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#76

1,2,3-Trichloropropane

Concen: 19.211 ug/l m

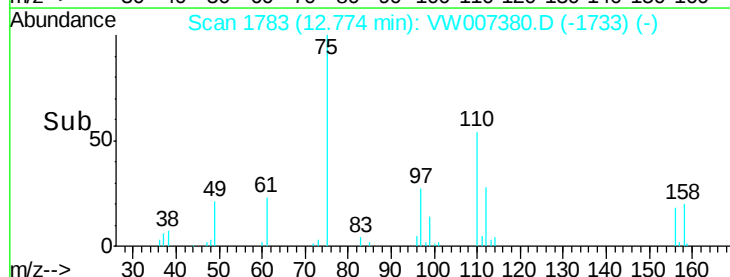
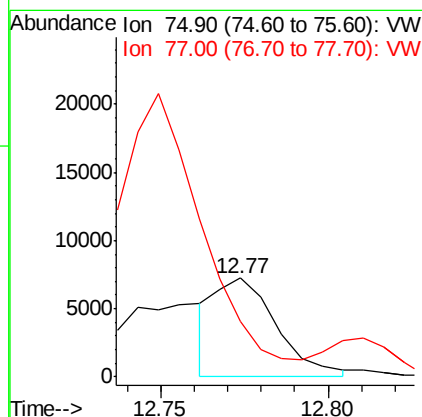
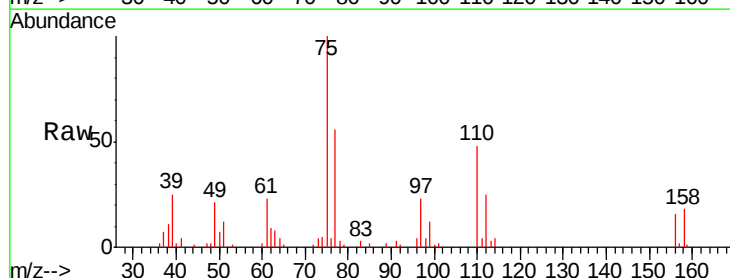
RT: 12.77 min Scan# 1783

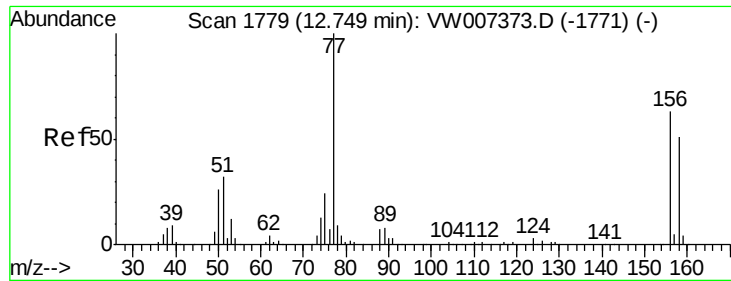
Delta R.T. 0.01 min

Lab File: VW007380.D

Acq: 11 Dec 2018 03:58

Tgt Ion:	75	Resp:	9270
Ion Ratio	Lower	Upper	
75	100		
77	0.0	166.9	500.8#





#77

Bromobenzene

Concen: 21.296 ug/l

RT: 12.75 min Scan# 1779

Delta R.T. -0.00 min

Lab File: VW007380.D

Acq: 11 Dec 2018 03:58

Instrument :

MSVOA_W

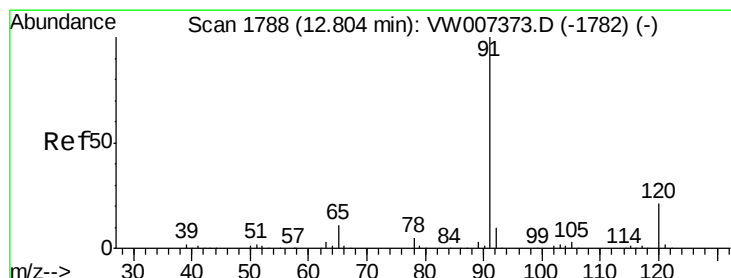
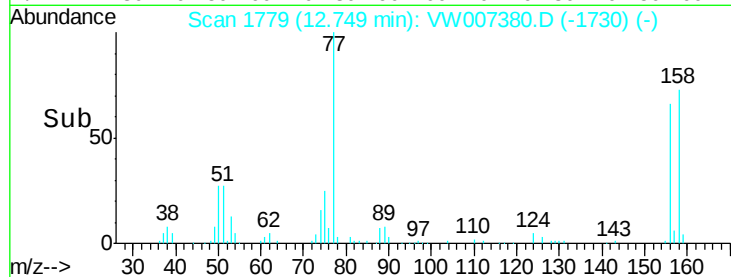
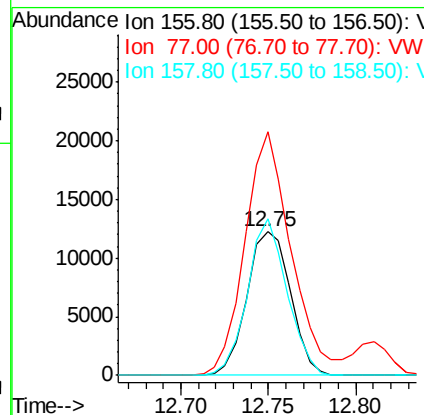
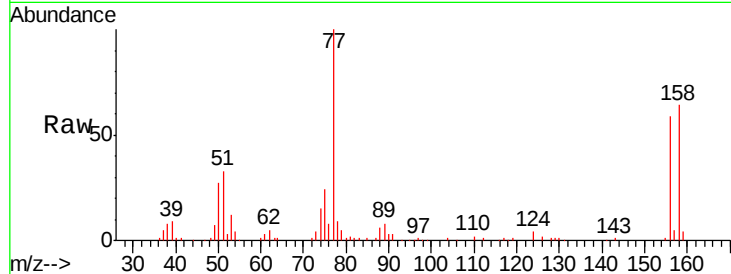
ClientSampleId :

VW1211SBSD01

Tgt Ion	Ratio	Lower	Upper
156	100		
77	180.5	88.1	264.4
158	98.8	45.6	136.7

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#78

n-propylbenzene

Concen: 22.026 ug/l

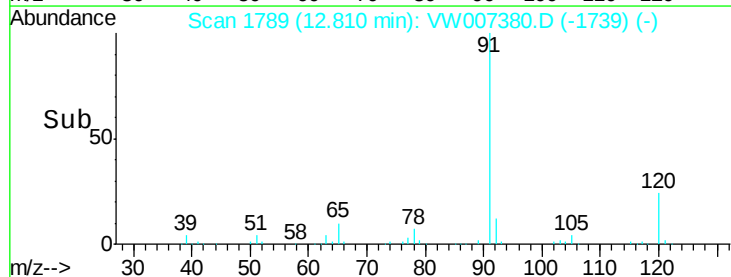
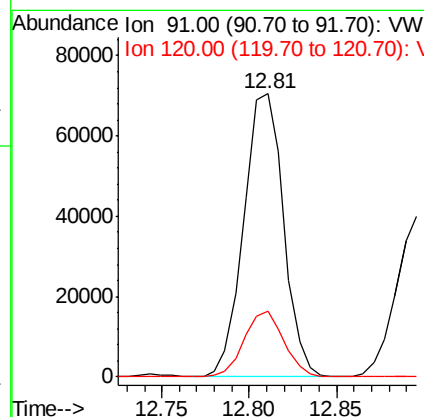
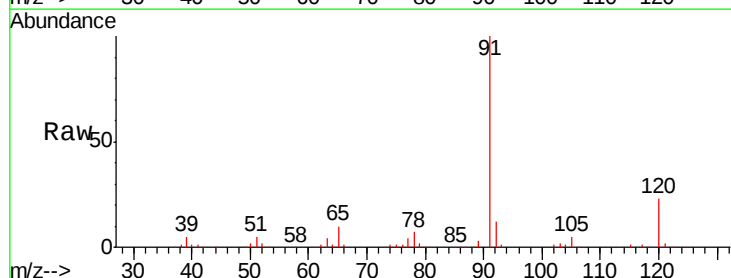
RT: 12.81 min Scan# 1789

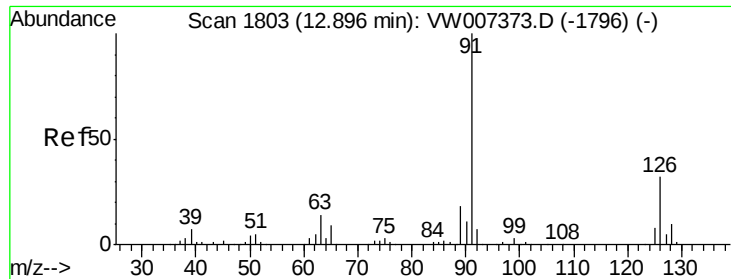
Delta R.T. 0.01 min

Lab File: VW007380.D

Acq: 11 Dec 2018 03:58

Tgt Ion	Ratio	Lower	Upper
91	100		
120	23.4	11.9	35.5





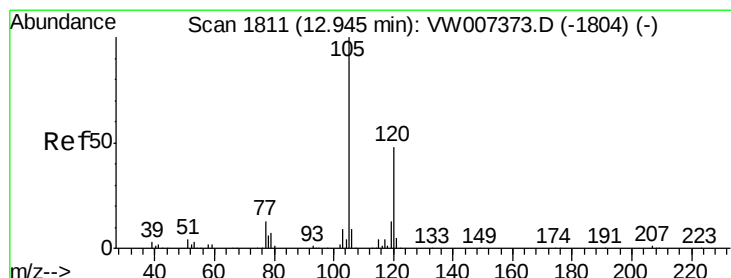
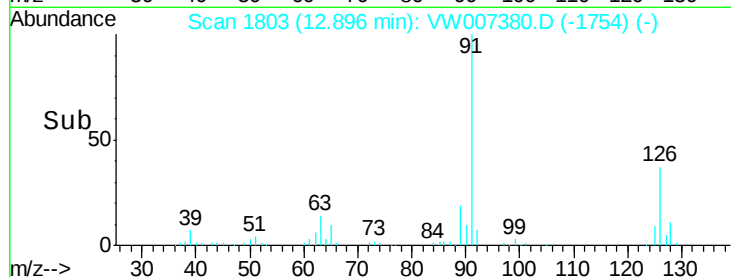
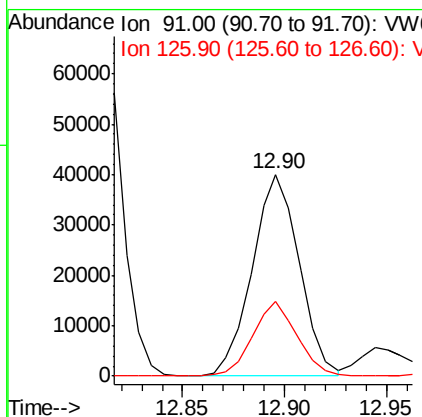
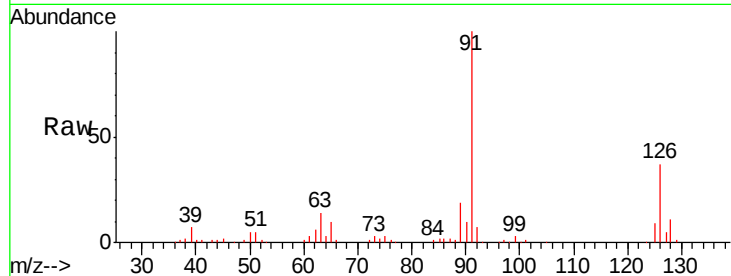
#79
2-Chlorotoluene
Concen: 20.991 ug/l
RT: 12.90 min Scan# 1803
Delta R.T. -0.00 min
Lab File: VW007380.D
Acq: 11 Dec 2018 03:58

Instrument :
MSVOA_W
ClientSampleId :
VW1211SBSD01

Tgt Ion: 91 Resp: 64098
Ion Ratio Lower Upper
91 100
126 34.8 15.9 47.6

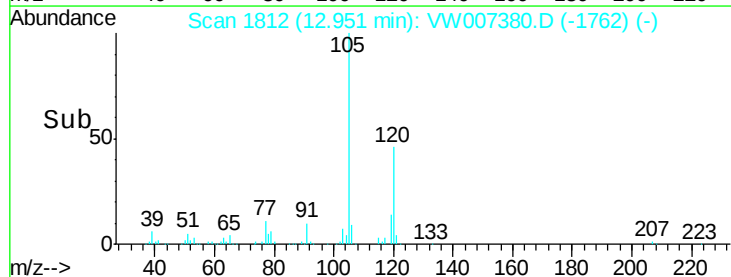
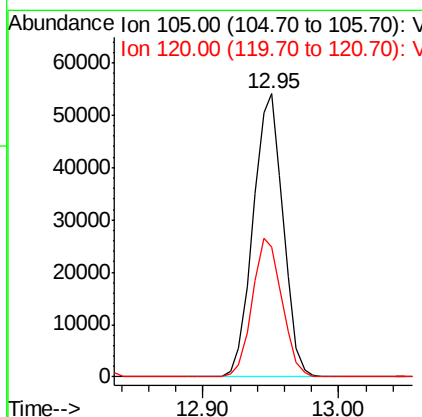
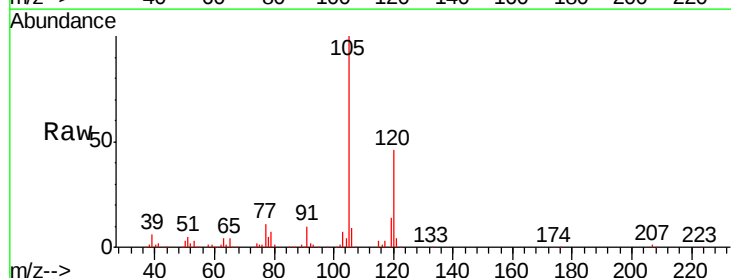
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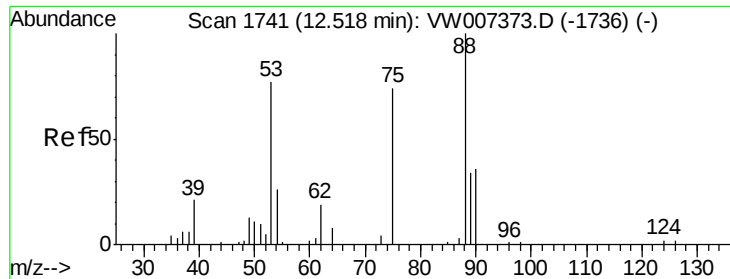
sam
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#80
1,3,5-Trimethylbenzene
Concen: 22.206 ug/l
RT: 12.95 min Scan# 1812
Delta R.T. 0.01 min
Lab File: VW007380.D
Acq: 11 Dec 2018 03:58

Tgt Ion: 105 Resp: 83671
Ion Ratio Lower Upper
105 100
120 48.6 23.8 71.4





#81

trans-1,4-Dichloro-2-butene

Concen: 20.573 ug/l

RT: 12.52 min Scan# 1741

Delta R.T. -0.00 min

Lab File: VW007380.D

Acq: 11 Dec 2018 03:58

Instrument :

MSVOA_W

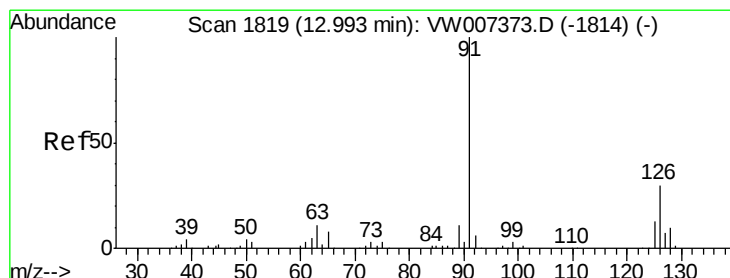
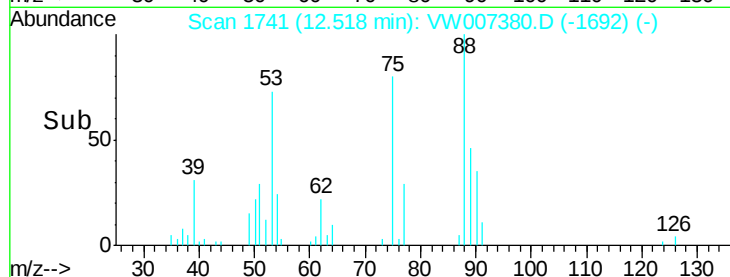
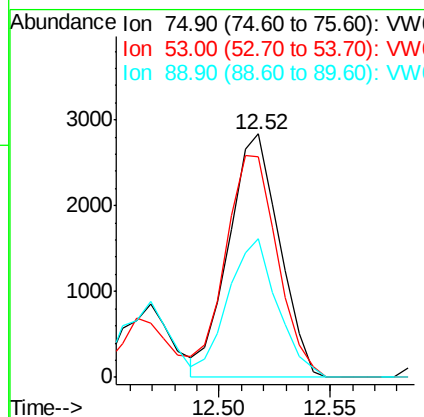
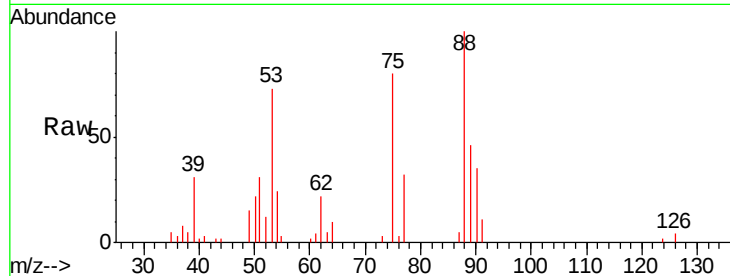
ClientSampleId :

VW1211SBSD01

Tgt Ion:	75	Resp:	4494
Ion	Ratio	Lower	Upper
75	100		
53	93.6	84.9	127.3
89	55.9	40.3	60.5

Manual Integrations
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sam
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#82

4-Chlorotoluene

Concen: 20.855 ug/l

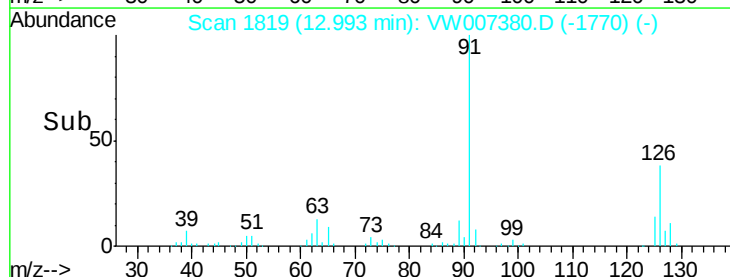
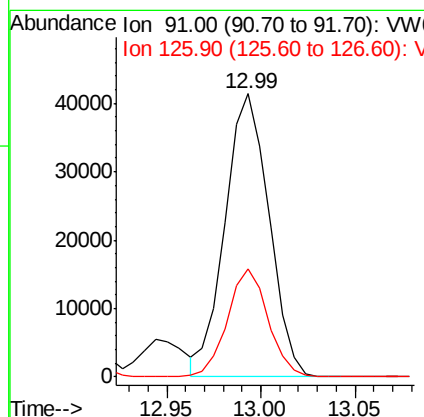
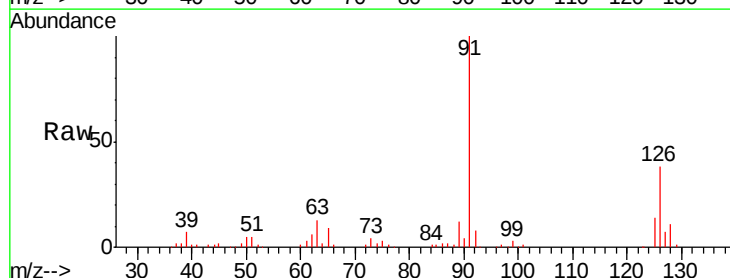
RT: 12.99 min Scan# 1819

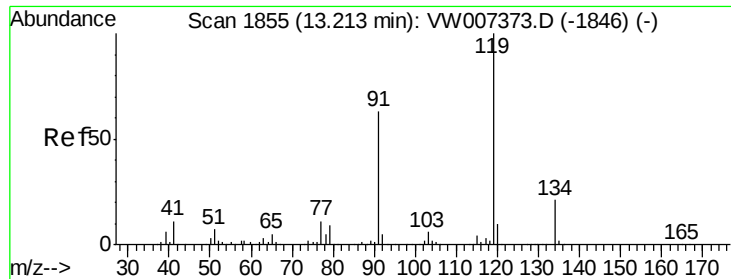
Delta R.T. -0.00 min

Lab File: VW007380.D

Acq: 11 Dec 2018 03:58

Tgt Ion:	91	Resp:	67131
Ion	Ratio	Lower	Upper
91	100		
126	35.2	16.0	48.0





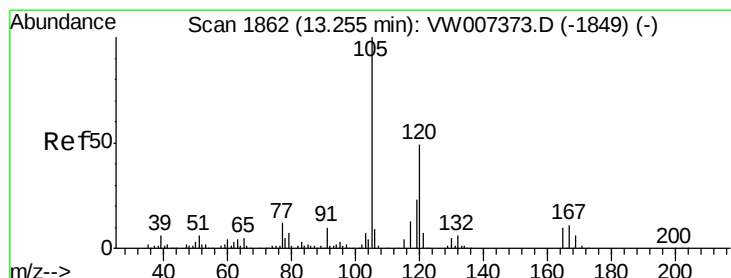
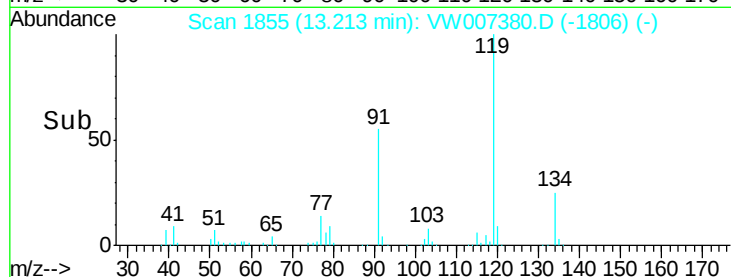
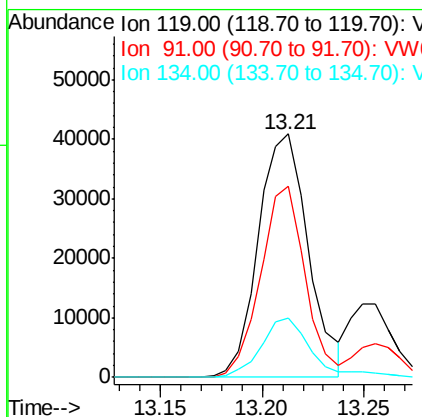
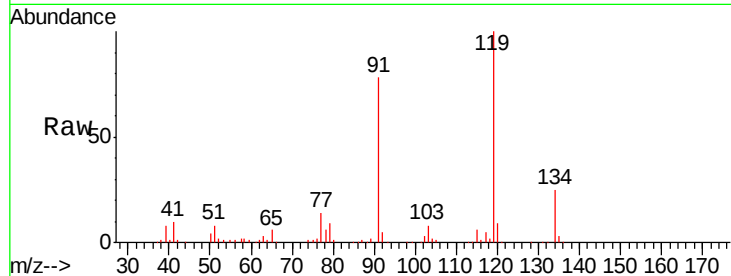
#83
tert-Butylbenzene
Concen: 21.043 ug/l
RT: 13.21 min Scan# 1855
Delta R.T. -0.00 min
Lab File: VW007380.D
Acq: 11 Dec 2018 03:58

Instrument :
MSVOA_W
ClientSampleId :
VW1211SBSD01

Tgt Ion	Ratio	Resp	Lower	Upper
119	100	69864		
91	69.8	33.1	99.2	
134	24.9	12.5	37.5	

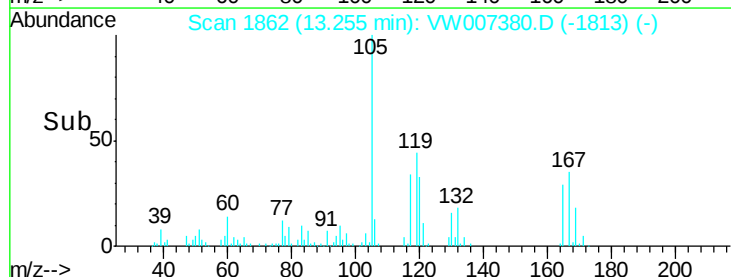
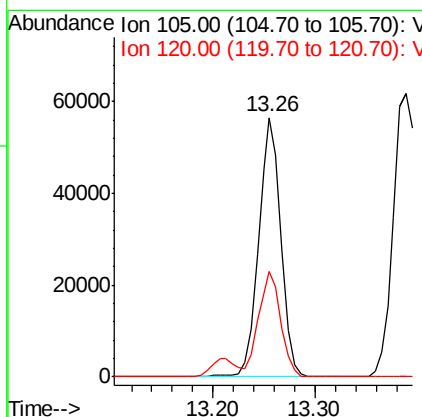
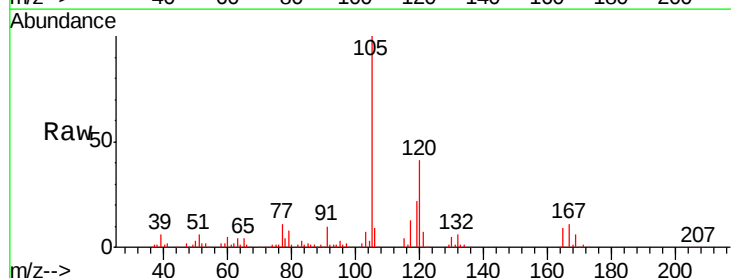
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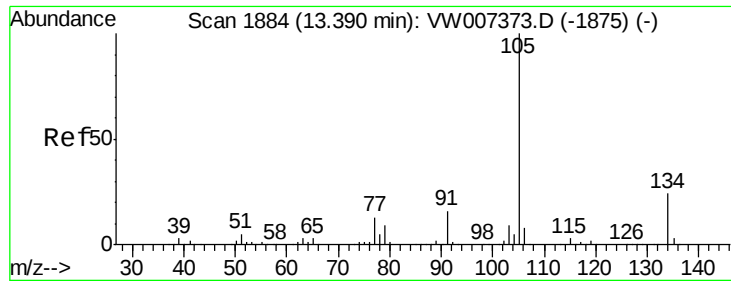
sam
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#84
1,2,4-Trimethylbenzene
Concen: 22.079 ug/l
RT: 13.26 min Scan# 1862
Delta R.T. -0.00 min
Lab File: VW007380.D
Acq: 11 Dec 2018 03:58

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	85608		
120	40.6	22.6	67.7	





#85

sec-Butylbenzene

Concen: 22.051 ug/l

RT: 13.39 min Scan# 1884

Delta R.T. -0.00 min

Lab File: VW007380.D

Acq: 11 Dec 2018 03:58

Instrument :

MSVOA_W

ClientSampleId :

VW1211SBSD01

Tgt Ion:105 Resp: 99942

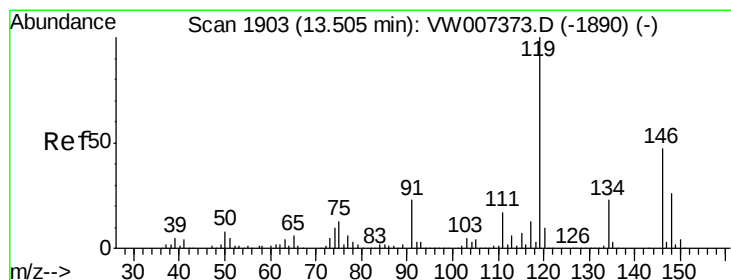
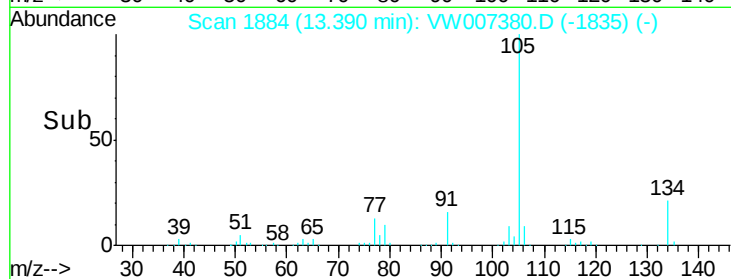
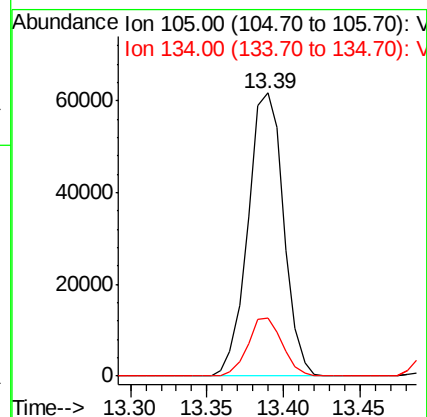
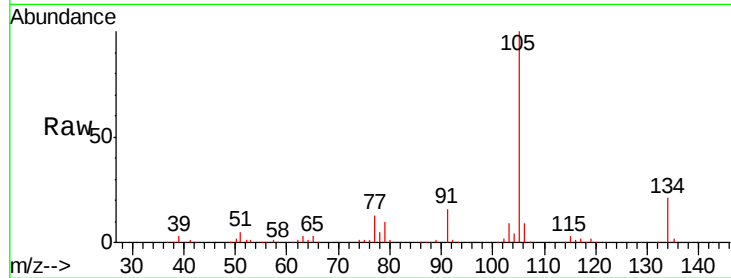
Ion Ratio Lower Upper

105 100

134 19.7 11.1 33.3

Manual Integrations
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sam
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#86

p-Isopropyltoluene

Concen: 22.221 ug/l

RT: 13.50 min Scan# 1902

Delta R.T. -0.01 min

Lab File: VW007380.D

Acq: 11 Dec 2018 03:58

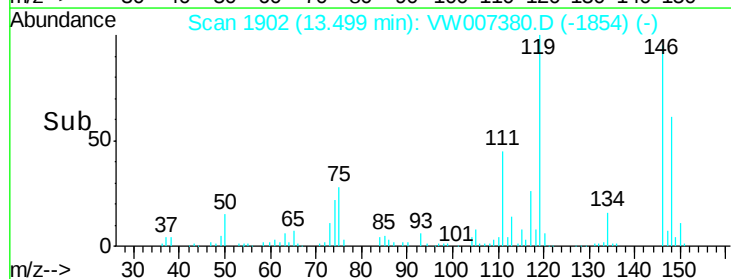
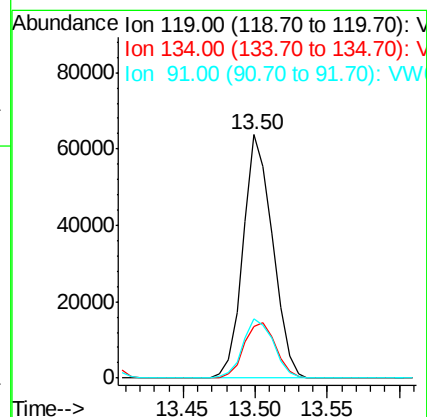
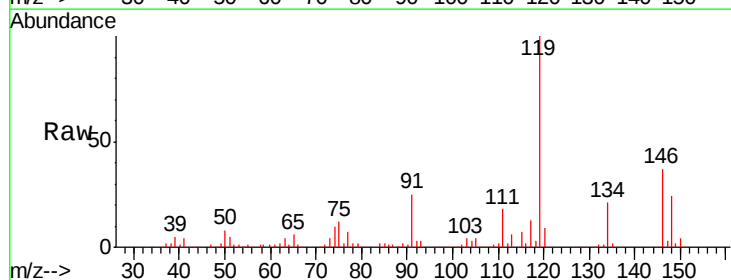
Tgt Ion:119 Resp: 90477

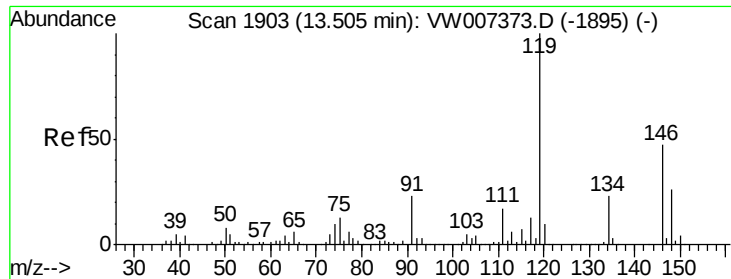
Ion Ratio Lower Upper

119 100

134 24.4 12.9 38.7

91 25.5 11.9 35.9





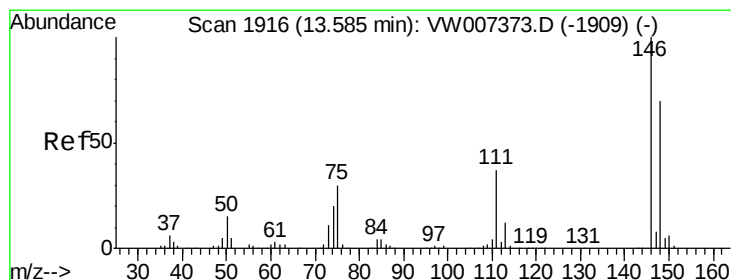
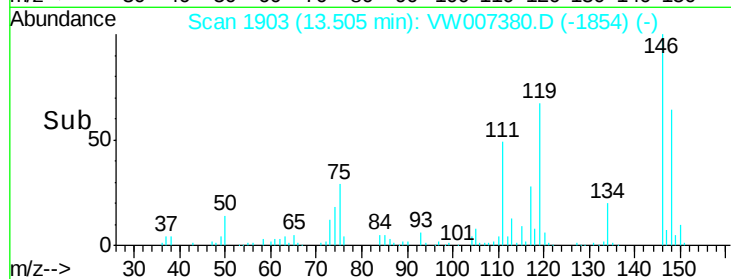
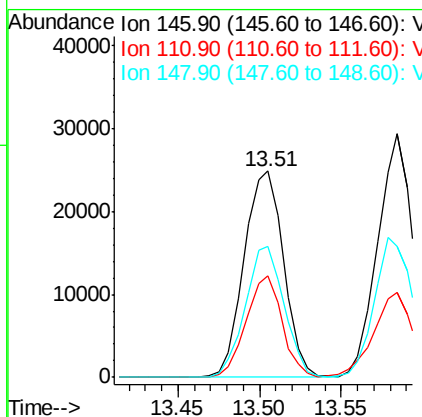
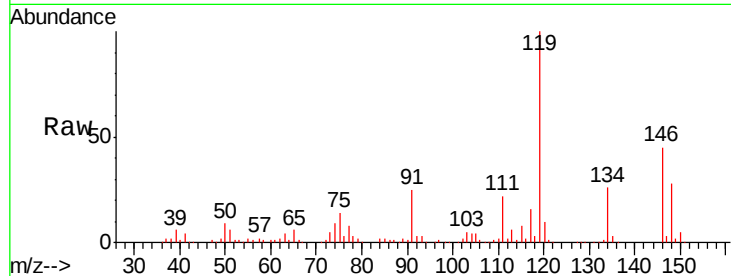
#87
 1,3-Dichlorobenzene
 Concen: 21.184 ug/l
 RT: 13.51 min Scan# 1903
 Delta R.T. -0.00 min
 Lab File: VW007380.D
 Acq: 11 Dec 2018 03:58

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1211SBSD01

Tgt Ion	Ratio	Lower	Upper
146	100		
111	45.1	20.1	60.3
148	62.5	31.4	94.0

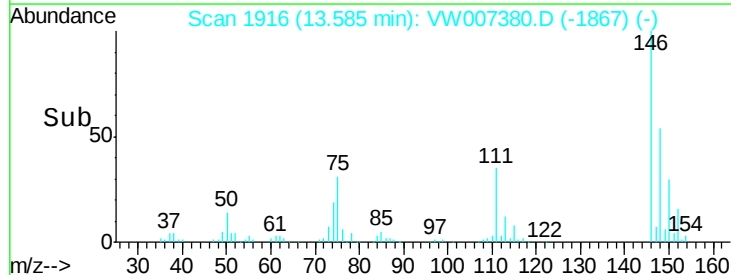
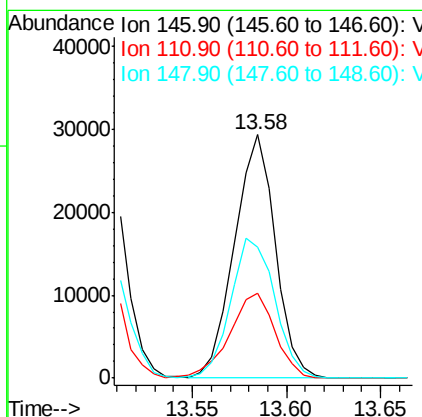
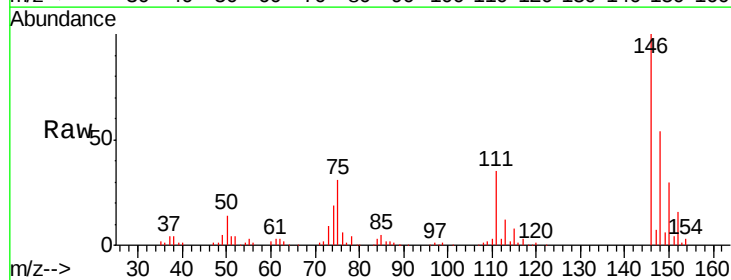
Manual Integrations
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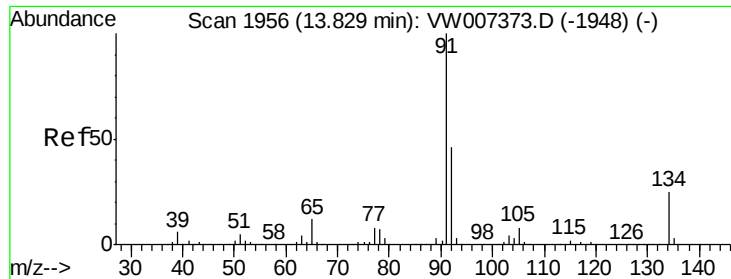
sam
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#88
 1,4-Dichlorobenzene
 Concen: 22.177 ug/l
 RT: 13.58 min Scan# 1916
 Delta R.T. -0.00 min
 Lab File: VW007380.D
 Acq: 11 Dec 2018 03:58

Tgt Ion	Ratio	Lower	Upper
146	100		
111	38.8	20.3	61.0
148	61.9	33.5	100.5





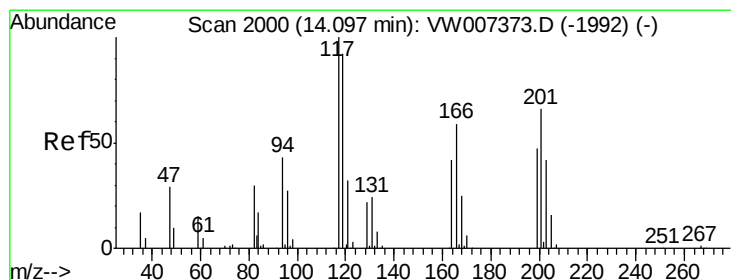
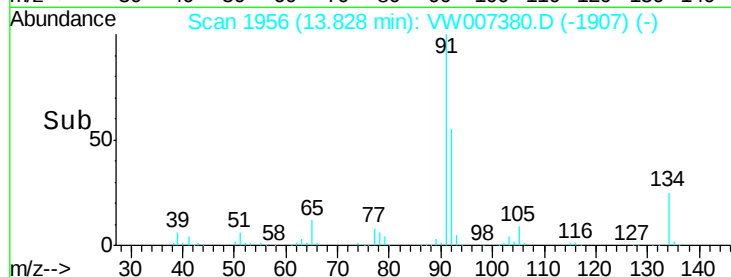
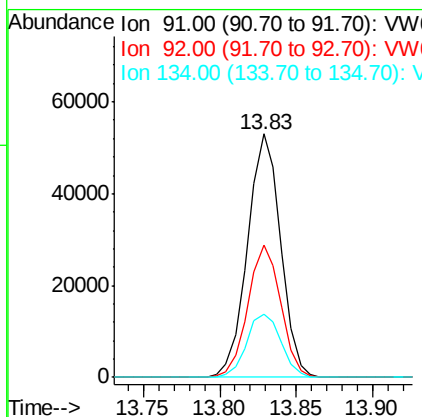
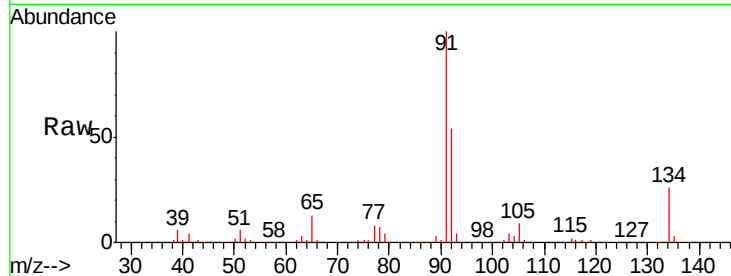
#89
n-Butylbenzene
Concen: 21.109 ug/l
RT: 13.83 min Scan# 1956
Delta R.T. -0.00 min
Lab File: VW007380.D
Acq: 11 Dec 2018 03:58

Instrument :
MSVOA_W
ClientSampleId :
VW1211SBSD01

Tgt Ion: 91 Resp: 79678
Ion Ratio Lower Upper
91 100
92 53.8 25.7 77.1
134 27.0 13.4 40.2

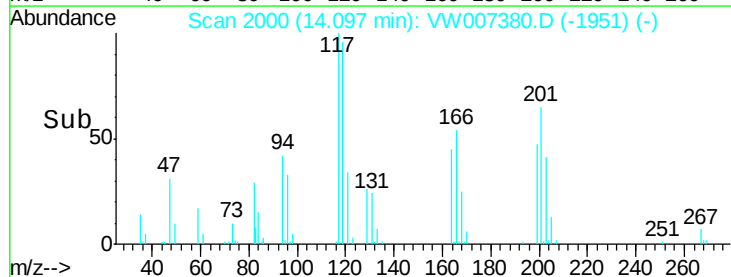
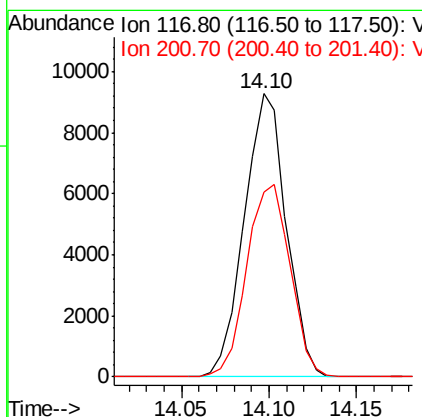
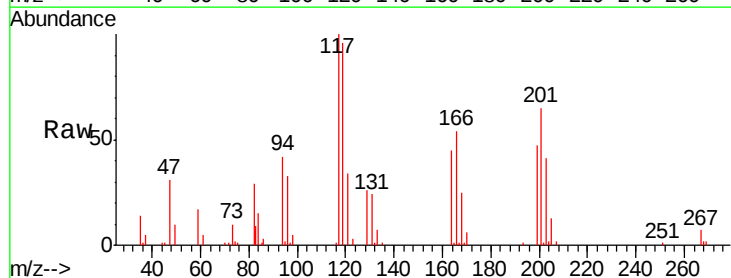
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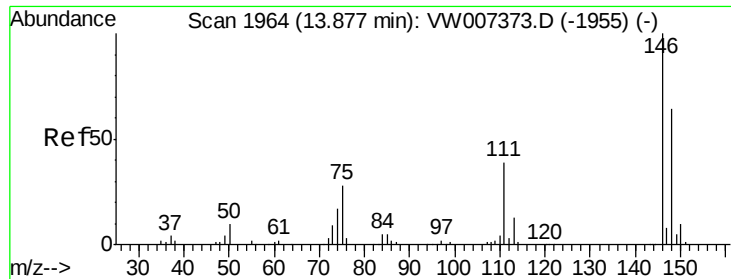
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#90
Hexachloroethane
Concen: 21.352 ug/l
RT: 14.10 min Scan# 2000
Delta R.T. -0.00 min
Lab File: VW007380.D
Acq: 11 Dec 2018 03:58

Tgt Ion: 117 Resp: 15469
Ion Ratio Lower Upper
117 100
201 70.3 35.3 105.9





#91

1,2-Dichlorobenzene

Concen: 21.653 ug/l

RT: 13.88 min Scan# 1964

Delta R.T. -0.00 min

Lab File: VW007380.D

Acq: 11 Dec 2018 03:58

Instrument :

MSVOA_W

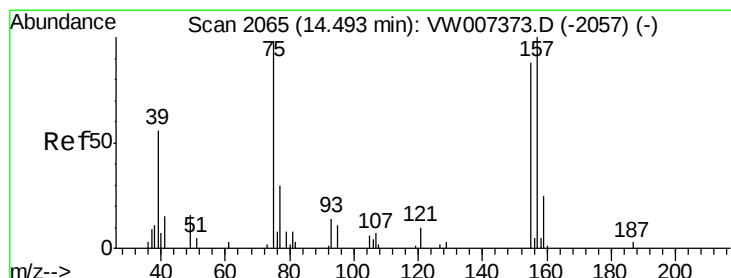
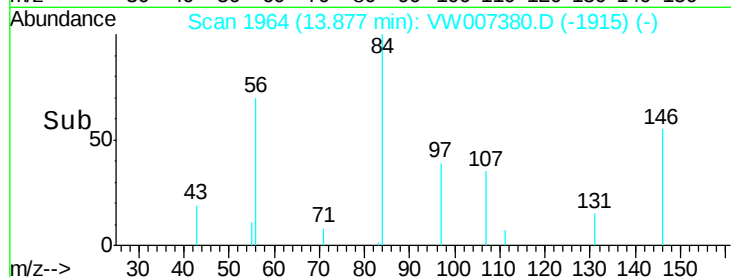
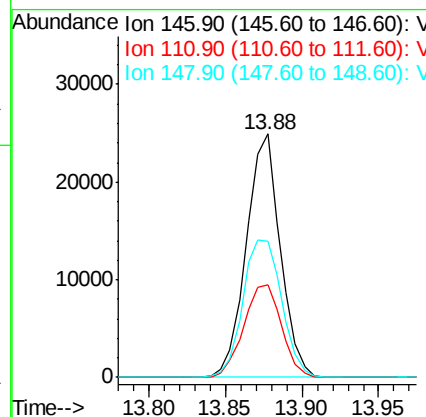
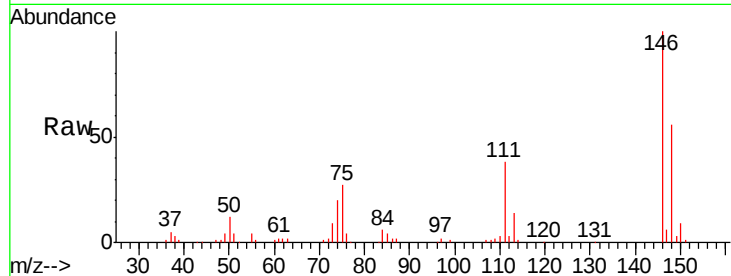
ClientSampleId :

VW1211SBSD01

Tgt Ion:	146	Resp:	38435
Ion Ratio	Lower	Upper	
146	100		
111	42.1	22.4	67.2
148	64.4	32.4	97.2

Manual Integrations
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sam
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#92

1,2-Dibromo-3-Chloropropane

Concen: 22.073 ug/l

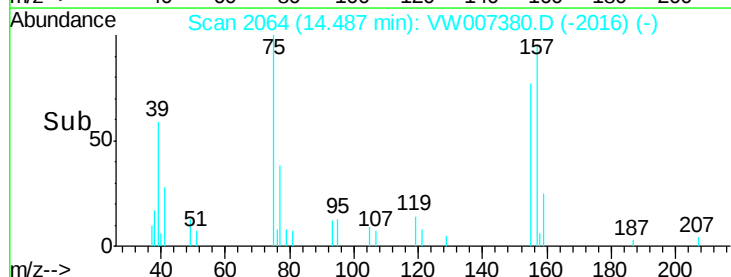
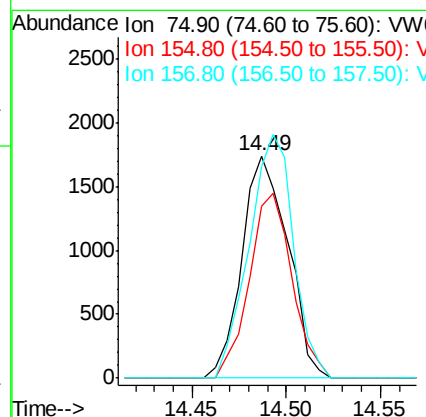
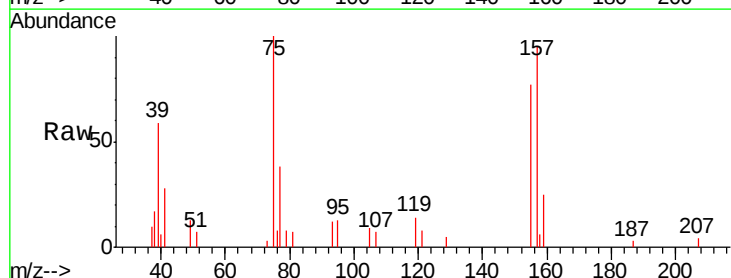
RT: 14.49 min Scan# 2064

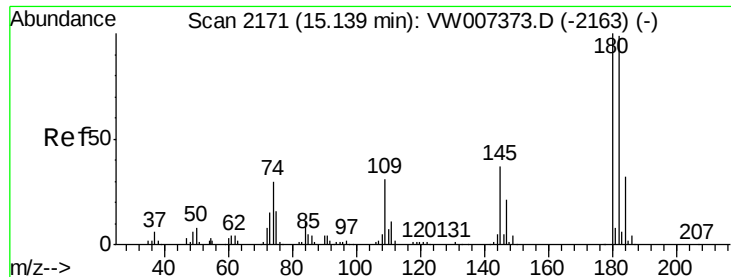
Delta R.T. -0.01 min

Lab File: VW007380.D

Acq: 11 Dec 2018 03:58

Tgt Ion:	75	Resp:	2942
Ion Ratio	Lower	Upper	
75	100		
155	77.4	40.8	122.2
157	105.7	51.1	153.4





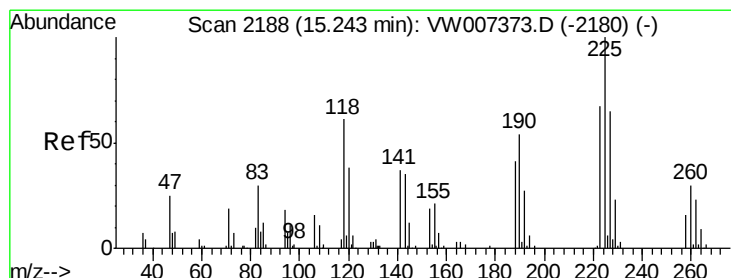
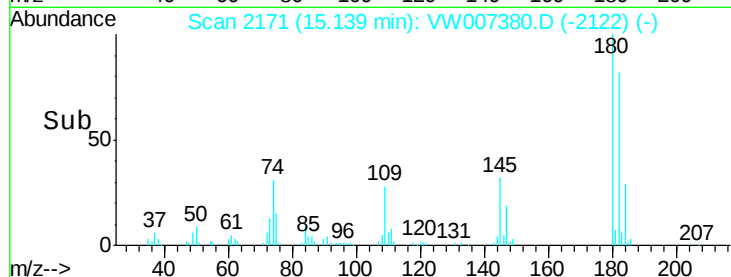
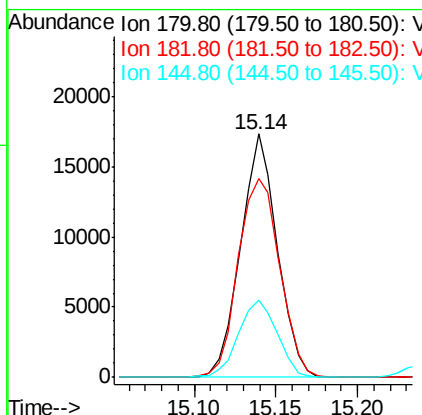
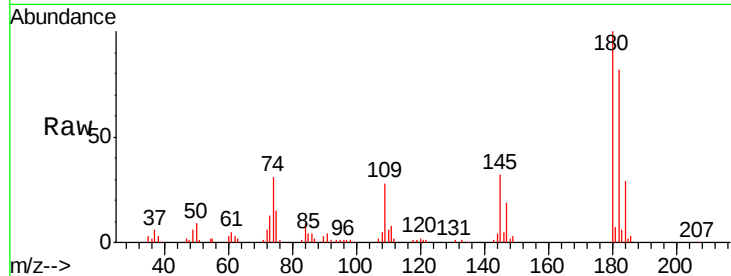
#93
1,2,4-Trichlorobenzene
Concen: 22.228 ug/l
RT: 15.14 min Scan# 2171
Delta R.T. -0.00 min
Lab File: VW007380.D
Acq: 11 Dec 2018 03:58

Instrument :
MSVOA_W
ClientSampleId :
VW1211SBSD01

Tgt Ion	Ratio	Lower	Upper
180	100		
182	92.4	49.9	149.6
145	33.6	17.8	53.4

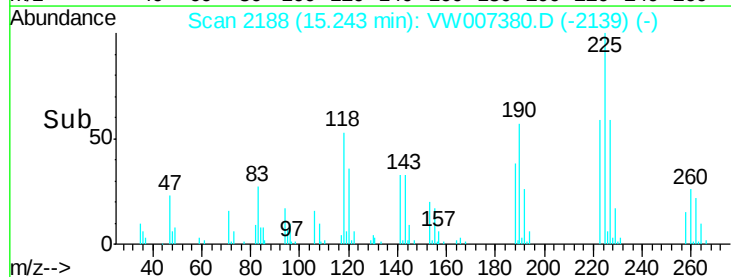
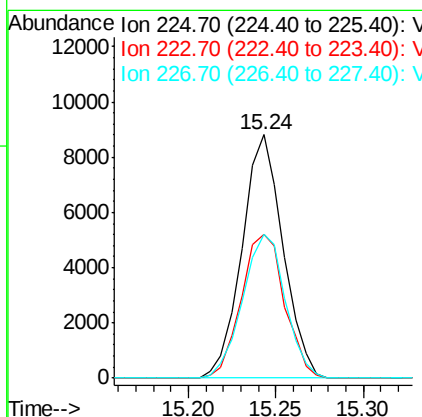
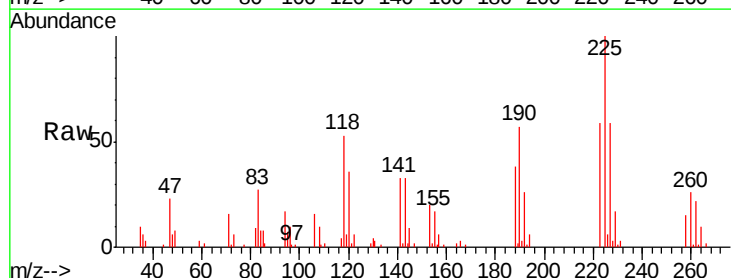
Manual Integrations
APPROVED

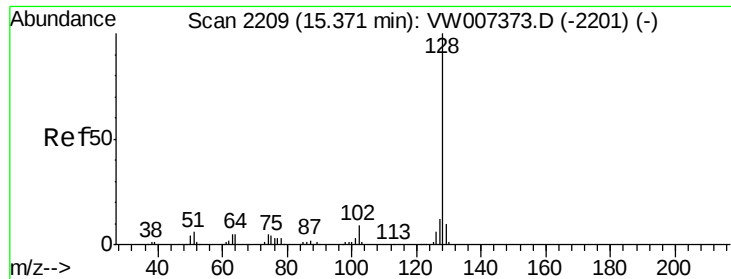
sam
12/27/2018 8:19:44 AM



#94
Hexachlorobutadiene
Concen: 22.114 ug/l
RT: 15.24 min Scan# 2188
Delta R.T. -0.00 min
Lab File: VW007380.D
Acq: 11 Dec 2018 03:58

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.4	32.1	96.3
227	61.8	31.9	95.9





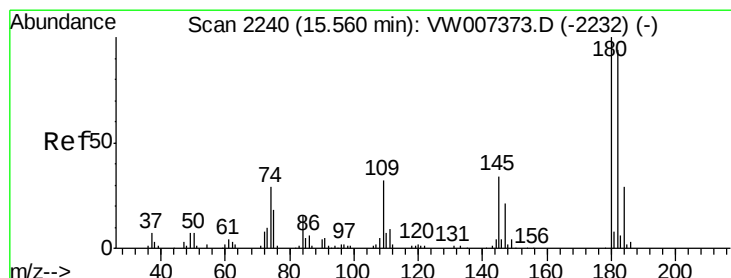
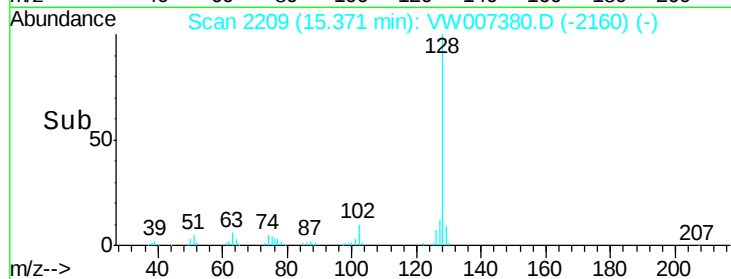
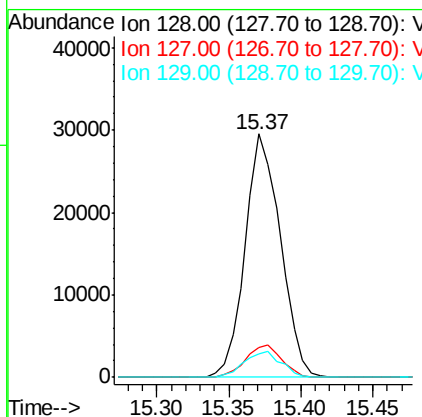
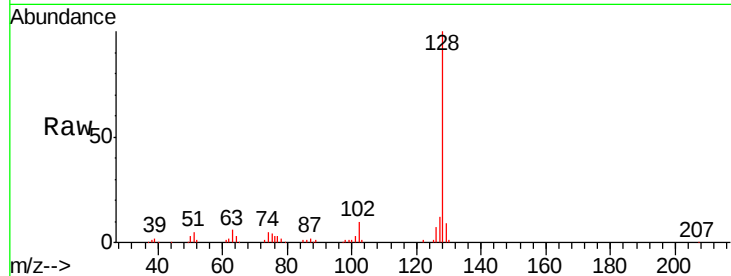
#95
Naphthalene
Concen: 21.466 ug/l
RT: 15.37 min Scan# 2209
Delta R.T. -0.00 min
Lab File: VW007380.D
Acq: 11 Dec 2018 03:58

Instrument :
MSVOA_W
ClientSampleId :
VW1211SBSD01

Tgt Ion:	128	Resp:	50165
Ion Ratio	Lower	Upper	
128	100		
127	13.7	10.2	15.4
129	11.2	8.3	12.5

Manual Integrations
APPROVED

sam
12/27/2018 8:19:44 AM



#96
1,2,3-Trichlorobenzene
Concen: 21.839 ug/l
RT: 15.56 min Scan# 2240
Delta R.T. -0.00 min
Lab File: VW007380.D
Acq: 11 Dec 2018 03:58

Tgt Ion:	180	Resp:	23175
Ion Ratio	Lower	Upper	
180	100		
182	94.5	45.6	136.7
145	35.7	17.5	52.5

