

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\WV121518\
 Data File : VW007449.D
 Acq On : 12 Dec 2018 20:11
 Operator : SY/AP
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

Quant Time: Dec 13 04:25:22 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

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	82699	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	134259	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	121538	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	61534	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.30	65	46286	50.45	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.90%	
35) Dibromofluoromethane	7.88	113	42564	52.37	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.74%	
50) Toluene-d8	10.32	98	160043	52.52	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.04%	
62) 4-Bromofluorobenzene	12.62	95	60986	54.43	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.86%	

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	2.01	85	25491	44.109 ug/l	95
3) Chloromethane	2.21	50	21083	43.560 ug/l	94
4) Vinyl Chloride	2.37	62	25265	44.482 ug/l	97
5) Bromomethane	2.78	94	17845	46.761 ug/l	93
6) Chloroethane	2.93	64	14616	46.748 ug/l #	86
7) Trichlorofluoromethane	3.26	101	24131	47.256 ug/l	97
8) Diethyl Ether	3.68	74	19871	49.718 ug/l	99
9) 1,1,2-Trichlorotrifluoroet	4.06	101	41843	49.660 ug/l	99
10) Methyl Iodide	4.27	142	67152	48.120 ug/l	97
11) Tert butyl alcohol	5.18	59	16279	258.350 ug/l	97
12) 1,1-Dichloroethene	4.03	96	40470	49.886 ug/l	90
13) Acrolein	3.89	56	12130	290.928 ug/l	100
14) Allyl chloride	4.66	41	56802	47.501 ug/l	98
15) Acrylonitrile	5.36	53	45587	270.570 ug/l	99
16) Acetone	4.12	43	44127	275.352 ug/l	96
17) Carbon Disulfide	4.37	76	117690	47.846 ug/l	100
18) Methyl Acetate	4.67	43	22305	51.281 ug/l	99
19) Methyl tert-butyl Ether	5.42	73	62010	50.669 ug/l	99
20) Methylene Chloride	4.91	84	43350	49.420 ug/l	98
21) trans-1,2-Dichloroethene	5.42	96	44162	48.663 ug/l	98
22) Diisopropyl ether	6.31	45	111671	48.584 ug/l	95
23) Vinyl Acetate	6.25	43	340557	264.895 ug/l	97
24) 1,1-Dichloroethane	6.21	63	74815	48.160 ug/l	100
25) 2-Butanone	7.17	43	58193	278.149 ug/l	99
26) 2,2-Dichloropropane	7.16	77	50170	48.798 ug/l	100
27) cis-1,2-Dichloroethene	7.16	96	48772	49.082 ug/l	98
28) Bromochloromethane	7.51	49	28361	48.536 ug/l	100
29) Tetrahydrofuran	7.53	42	35863	270.772 ug/l	96
30) Chloroform	7.68	83	84725	50.117 ug/l	98
31) Cyclohexane	7.95	56	64194	45.039 ug/l	96
32) 1,1,1-Trichloroethane	7.87	97	72796	49.104 ug/l	100
36) 1,1-Dichloropropene	8.08	75	62910	51.365 ug/l	99
37) Ethyl Acetate	7.25	43	25393	55.744 ug/l	98
38) Carbon Tetrachloride	8.07	117	70458	52.871 ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	78326	52.814	ug/l	94
40) Benzene	8.32	78	174398	51.310	ug/l	99
41) Methacrylonitrile	7.49	41	14728	56.776	ug/l	95
42) 1,2-Dichloroethane	8.40	62	57852	54.184	ug/l	99
43) Isopropyl Acetate	8.43	43	51193	56.893	ug/l	99
44) Trichloroethene	9.09	130	50941	52.485	ug/l	99
45) 1,2-Dichloropropane	9.37	63	41188	52.366	ug/l	99
46) Dibromomethane	9.46	93	24562	54.989	ug/l	98
47) Bromodichloromethane	9.64	83	62723	53.535	ug/l	96
48) Methyl methacrylate	9.44	41	24947	53.983	ug/l	95
49) 1,4-Dioxane	9.44	88	8195	1130.732	ug/l	97
51) 4-Methyl-2-Pentanone	10.21	43	127413	299.681	ug/l	99
52) Toluene	10.39	92	116693	53.052	ug/l	100
53) t-1,3-Dichloropropene	10.60	75	64016	56.281	ug/l	96
54) cis-1,3-Dichloropropene	10.07	75	70270	53.441	ug/l	98
55) 1,1,2-Trichloroethane	10.79	97	34323	56.460	ug/l	96
56) Ethyl methacrylate	10.65	69	43126	59.021	ug/l	99
57) 1,3-Dichloropropane	10.93	76	57571	57.697	ug/l	97
58) 2-Chloroethyl Vinyl ether	9.93	63	90995	270.049	ug/l	99
59) 2-Hexanone	10.97	43	90687	319.886	ug/l	98
60) Dibromochloromethane	11.13	129	44091	57.471	ug/l	99
61) 1,2-Dibromoethane	11.24	107	34345	57.169	ug/l	96
64) Tetrachloroethene	10.86	164	42686	48.839	ug/l	93
65) Chlorobenzene	11.66	112	131130	51.764	ug/l	95
66) 1,1,1,2-Tetrachloroethane	11.73	131	47069	52.756	ug/l	99
67) Ethyl Benzene	11.73	91	229716	52.744	ug/l	93
68) m/p-Xylenes	11.84	106	179060	105.754	ug/l	98
69) o-Xylene	12.17	106	84457	53.410	ug/l	98
70) Styrene	12.18	104	140045	54.831	ug/l	99
71) Bromoform	12.35	173	25253	55.298	ug/l #	98
73) Isopropylbenzene	12.47	105	235623	49.973	ug/l	98
74) N-amyl acetate	12.27	43	46902	54.734	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.72	83	38652	55.348	ug/l	95
76) 1,2,3-Trichloropropane	12.77	75	24380m	48.052	ug/l	
77) Bromobenzene	12.75	156	53787	51.465	ug/l	95
78) n-propylbenzene	12.81	91	276351	52.080	ug/l	100
79) 2-Chlorotoluene	12.90	91	159982	49.828	ug/l	96
80) 1,3,5-Trimethylbenzene	12.94	105	202842	51.200	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.52	75	12523	54.524	ug/l	95
82) 4-Chlorotoluene	12.99	91	169045	49.948	ug/l	97
83) tert-Butylbenzene	13.21	119	177473	50.840	ug/l	99
84) 1,2,4-Trimethylbenzene	13.26	105	204508	50.163	ug/l	99
85) sec-Butylbenzene	13.39	105	245781	51.576	ug/l	96
86) p-Isopropyltoluene	13.51	119	222422	51.954	ug/l	99
87) 1,3-Dichlorobenzene	13.51	146	107130	51.412	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	106679	50.924	ug/l	97
89) n-Butylbenzene	13.83	91	205775	51.848	ug/l	98
90) Hexachloroethane	14.10	117	38565	50.627	ug/l	98
91) 1,2-Dichlorobenzene	13.87	146	96297	51.597	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.49	75	7949	56.721	ug/l	99

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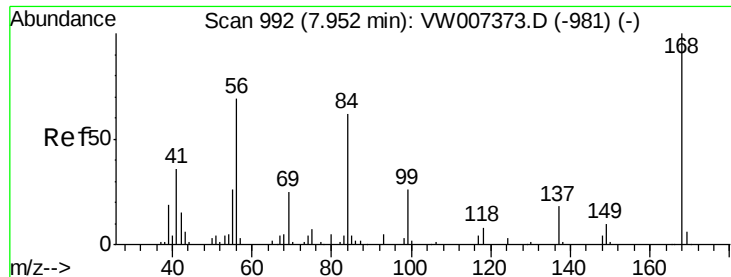
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.14	180	67256	52.364	ug/l	96
94) Hexachlorobutadiene	15.24	225	33991	49.878	ug/l	99
95) Naphthalene	15.37	128	139284	56.686	ug/l	99
96) 1,2,3-Trichlorobenzene	15.56	180	57431	51.474	ug/l	94

(#) = 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: VW007449.D

Acq: 12 Dec 2018 20:11

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tot Ion:168 Resp: 82699

Ion Ratio Lower Upper

168 100

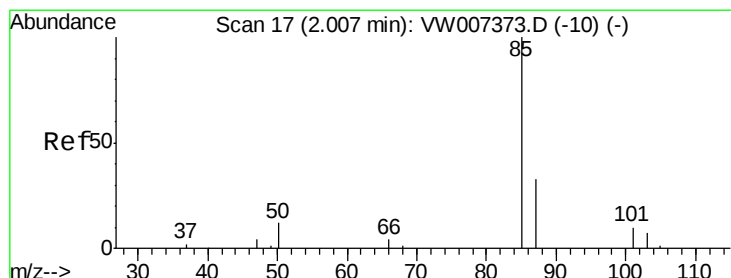
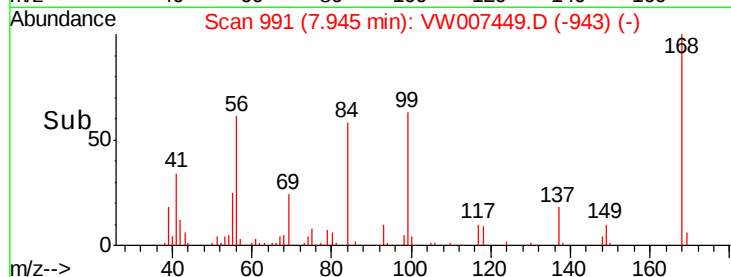
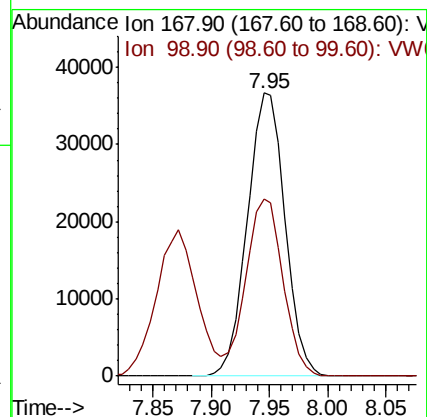
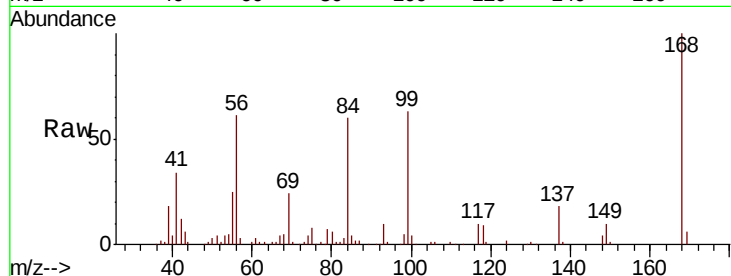
99 62.7 48.3 72.5

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#2

Dichlorodifluoromethane

Concen: 44.109 ug/l

RT: 2.01 min Scan# 18

Delta R.T. 0.01 min

Lab File: VW007449.D

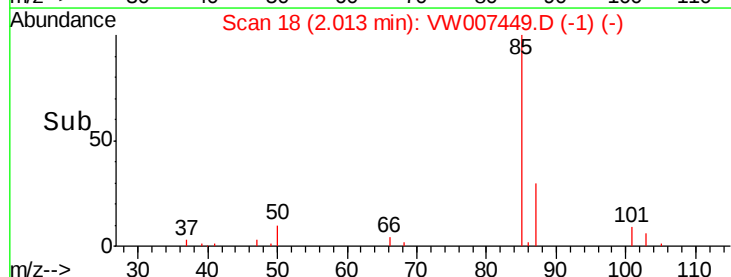
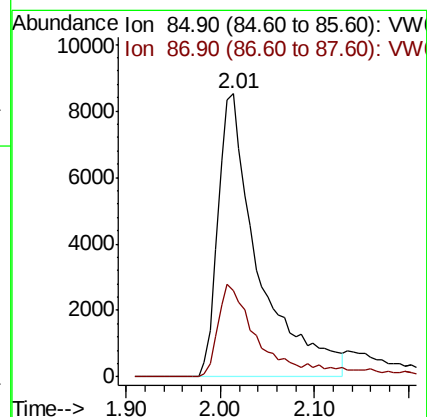
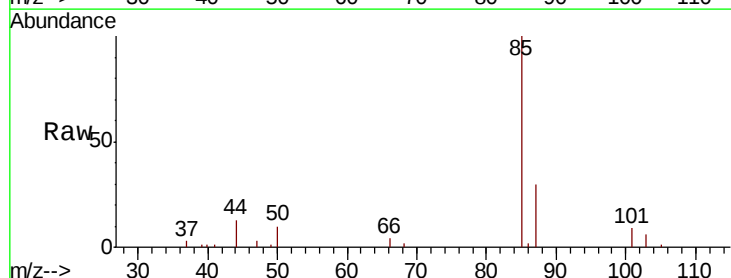
Acq: 12 Dec 2018 20:11

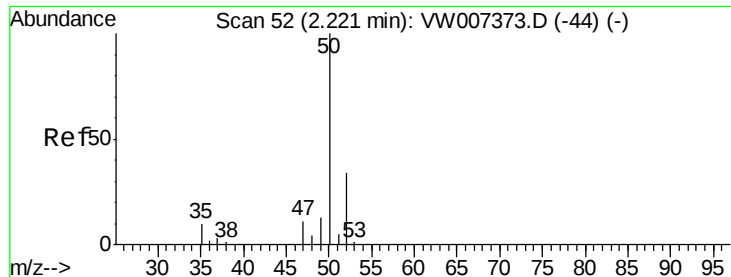
Tgt Ion: 85 Resp: 25491

Ion Ratio Lower Upper

85 100

87 30.5 16.6 49.7





#3

Chloromethane

Concen: 43.560 ug/l

RT: 2.21 min Scan# 51

Delta R.T. -0.01 min

Lab File: VW007449.D

Acq: 12 Dec 2018 20:11

Tot Ion: 50 Resp: 21083

Ion Ratio Lower Upper

50 100

52 31.0 27.4 41.0

Instrument :

MSVOA_W

ClientSampleId :

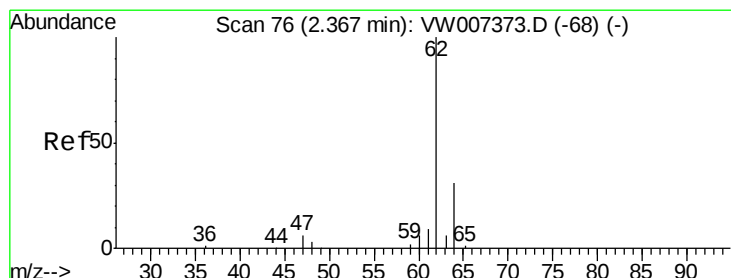
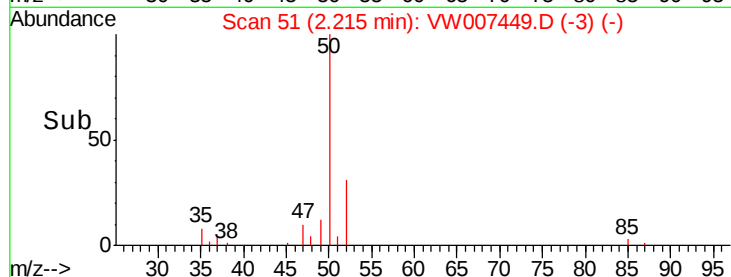
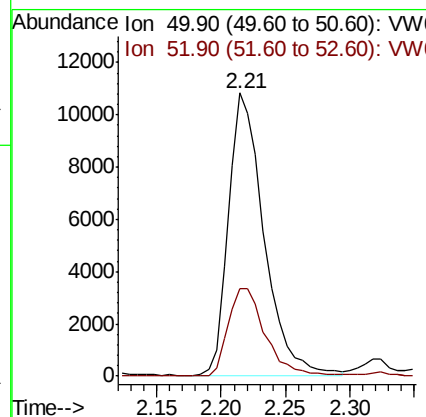
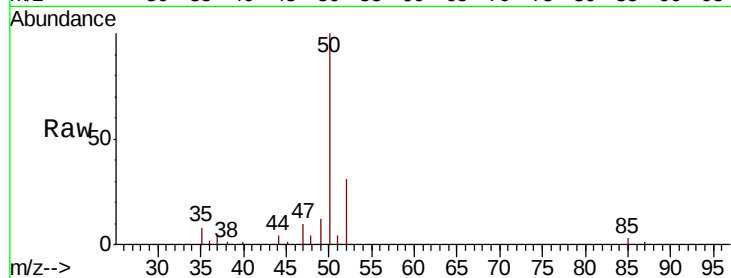
VSTDCCC050

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#4

Vinyl Chloride

Concen: 44.482 ug/l

RT: 2.37 min Scan# 77

Delta R.T. 0.01 min

Lab File: VW007449.D

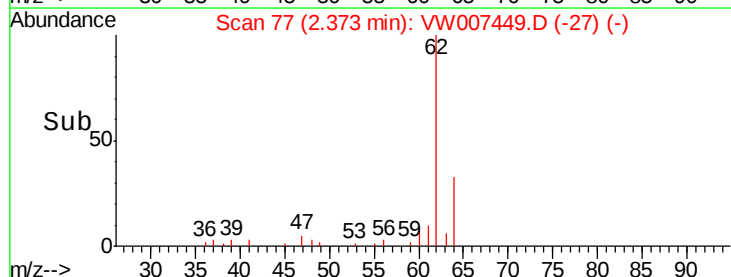
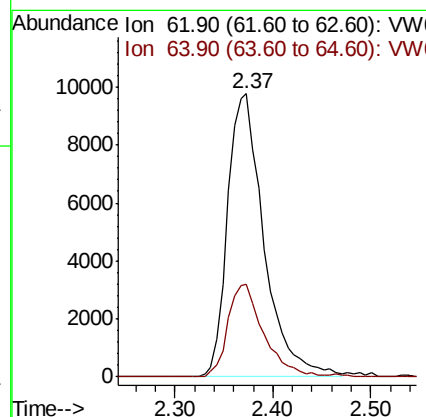
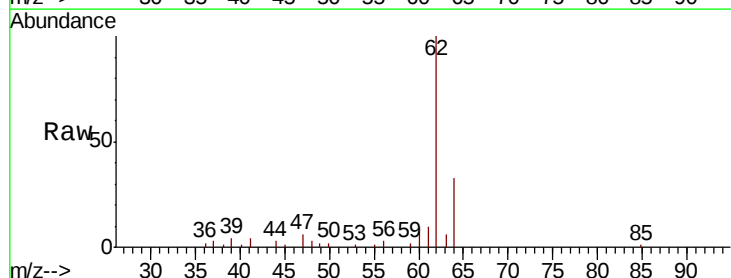
Acq: 12 Dec 2018 20:11

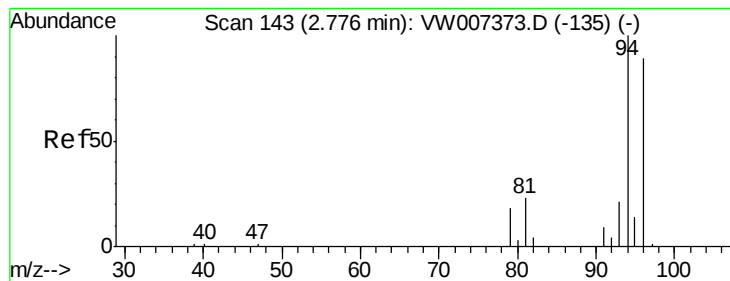
Tgt Ion: 62 Resp: 25265

Ion Ratio Lower Upper

62 100

64 32.7 24.6 37.0





#5

Bromomethane

Concen: 46.761 ug/l

RT: 2.78 min Scan# 143

Delta R.T. -0.00 min

Lab File: VW007449.D

Acq: 12 Dec 2018 20:11

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tot Ion: 94 Resp: 17845

Ion Ratio Lower Upper

94 100

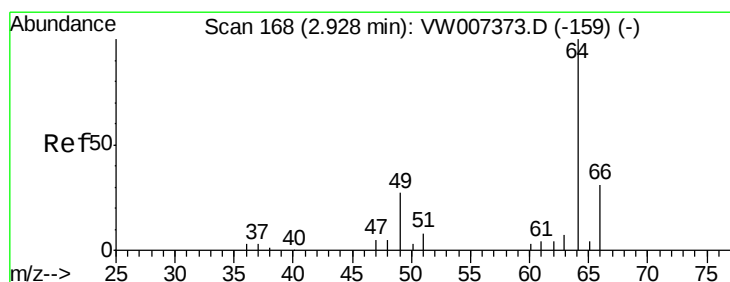
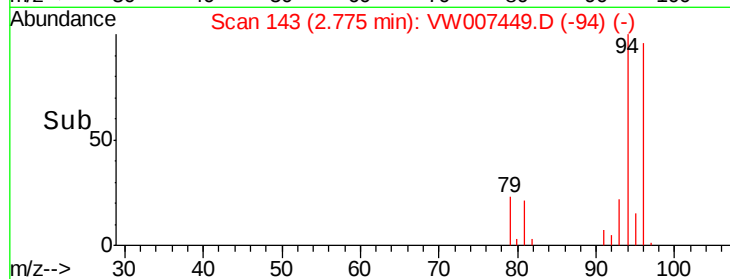
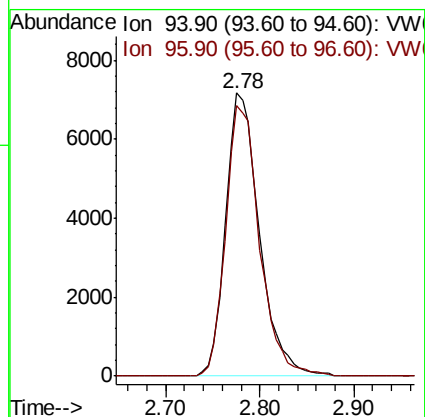
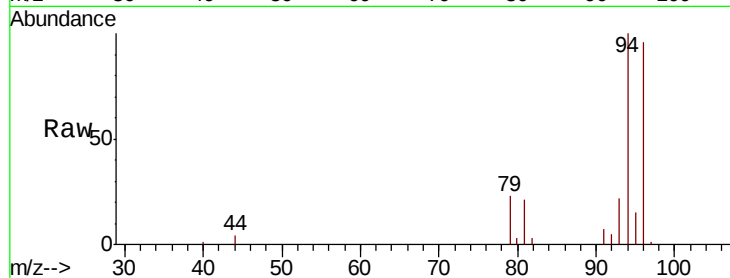
96 95.6 71.0 106.4

Manual Integrations

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#6

Chloroethane

Concen: 46.748 ug/l

RT: 2.93 min Scan# 168

Delta R.T. -0.00 min

Lab File: VW007449.D

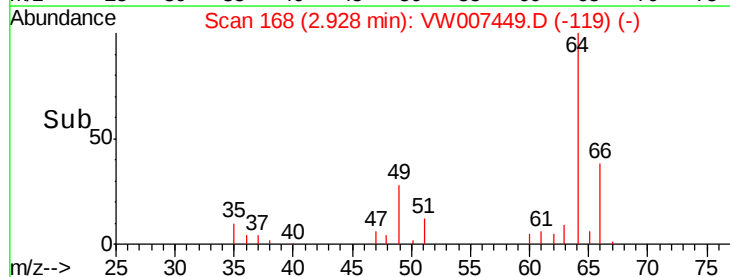
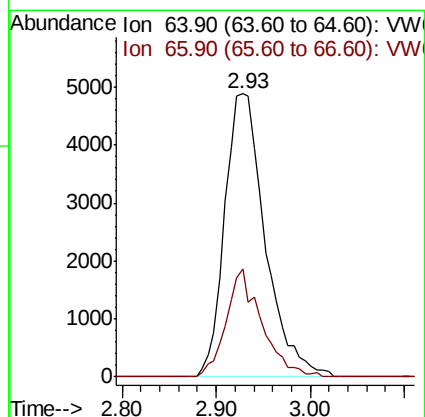
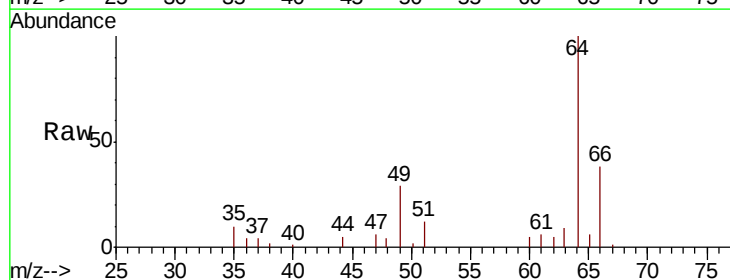
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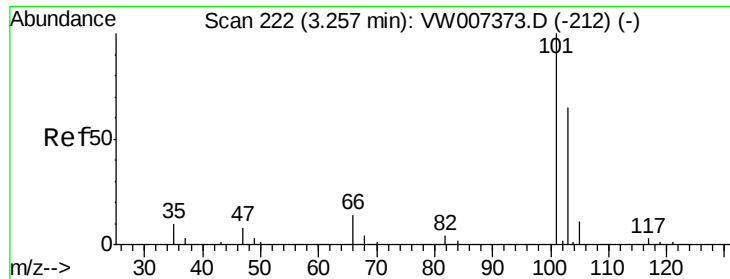
Tgt Ion: 64 Resp: 14616

Ion Ratio Lower Upper

64 100

66 38.3 24.6 37.0#





#7

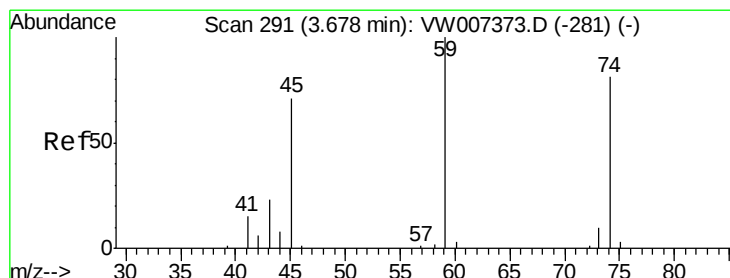
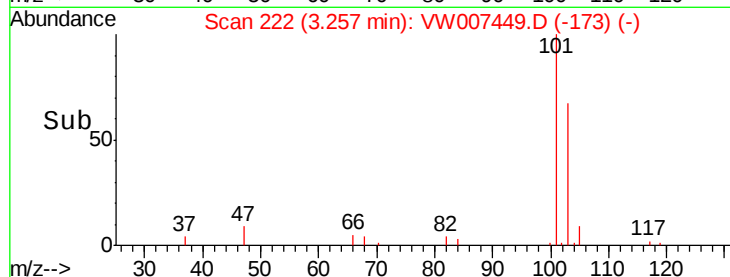
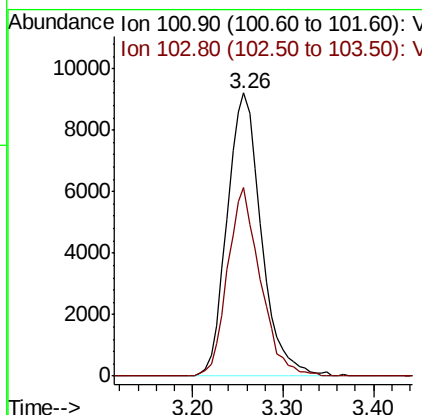
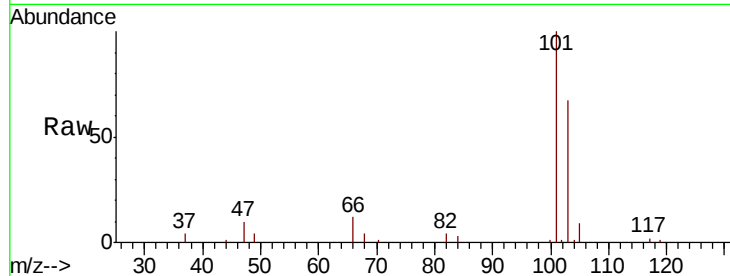
Trichlorofluoromethane
 Concen: 47.256 ug/l
 RT: 3.26 min Scan# 222
 Delta R.T. -0.00 min
 Lab File: VW007449.D
 Acq: 12 Dec 2018 20:11

Instrument :
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 VSTDCCC050

Tot Ion	Ion	Ratio	Lower	Upper
101	100			
103	66.6	51.7	77.5	

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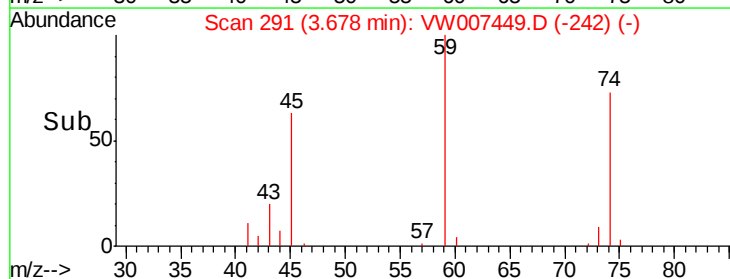
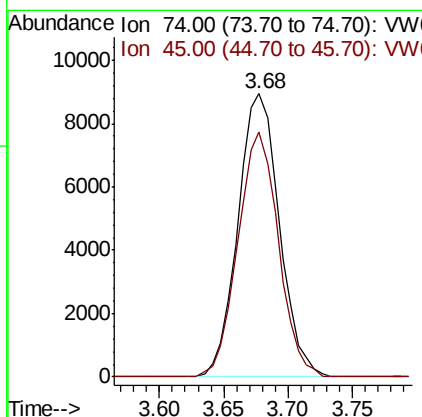
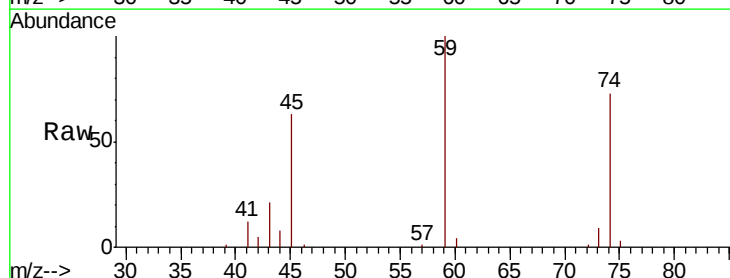
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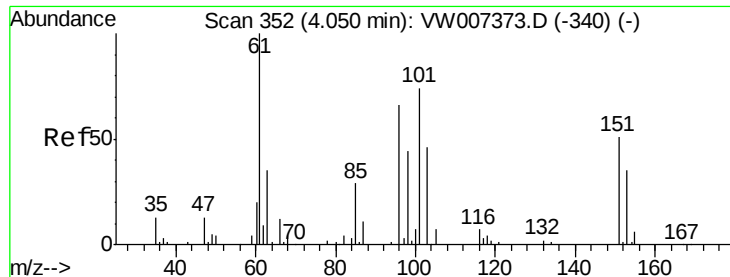


#8

Diethyl Ether
 Concen: 49.718 ug/l
 RT: 3.68 min Scan# 291
 Delta R.T. -0.00 min
 Lab File: VW007449.D
 Acq: 12 Dec 2018 20:11

Tgt Ion	Ion	Ratio	Lower	Upper
74	100			
45	84.7	43.0	129.0	





#9

1,1,2-Trichlorotrifluoroethane

Concen: 49.660 ug/l

RT: 4.06 min Scan# 353

Delta R.T. 0.01 min

Lab File: VW007449.D

Acq: 12 Dec 2018 20:11

Instrument :

MSVOA_W

ClientSampled :

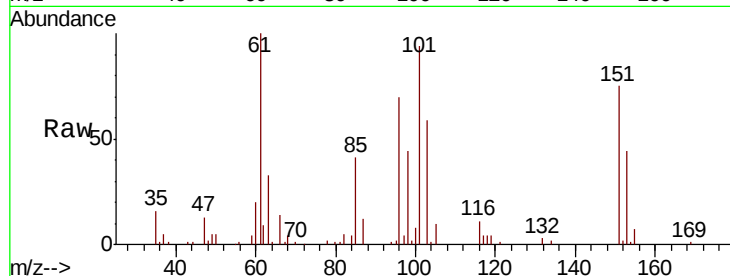
VSTDCCC050

Tot Ion:	101	Resp:	41843
Ion Ratio	Lower	Upper	
101	100		
85	43.2	33.9	50.9
151	78.6	63.7	95.5

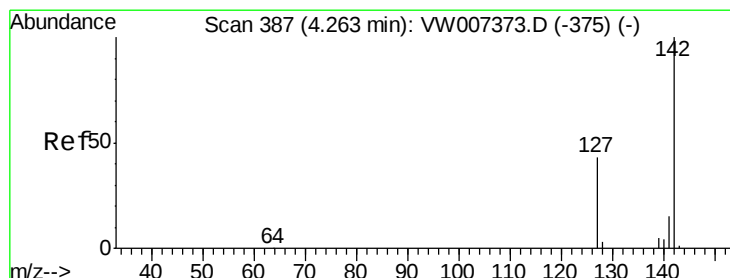
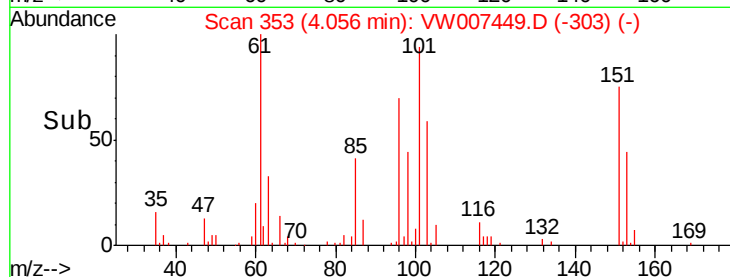
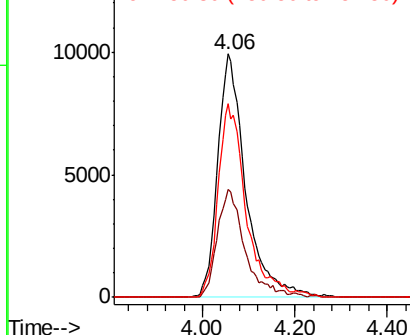
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Abundance Ion 100.90 (100.60 to 101.60): V
Ion 84.90 (84.60 to 85.60): V
Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 48.120 ug/l

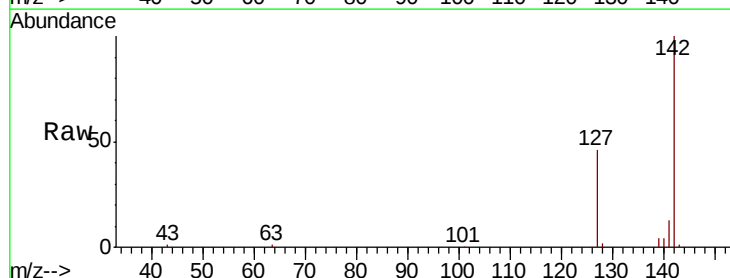
RT: 4.27 min Scan# 388

Delta R.T. 0.01 min

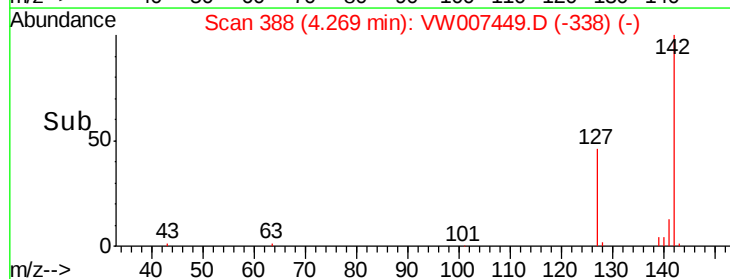
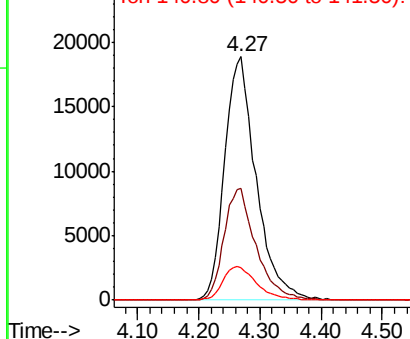
Lab File: VW007449.D

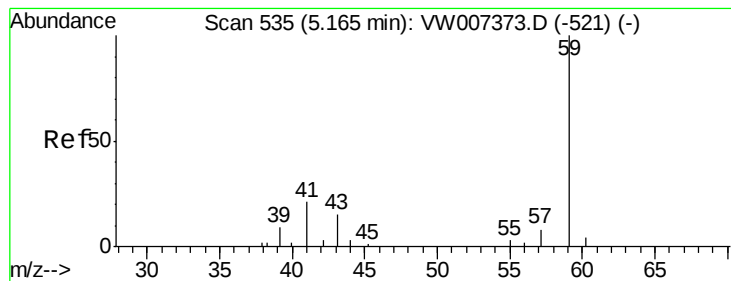
Acq: 12 Dec 2018 20:11

Tgt Ion:	142	Resp:	67152
Ion Ratio	Lower	Upper	
142	100		
127	46.5	35.8	53.6
141	14.7	11.1	16.7



Abundance Ion 141.80 (141.50 to 142.50): V
Ion 126.80 (126.50 to 127.50): V
Ion 140.80 (140.50 to 141.50): V





#11

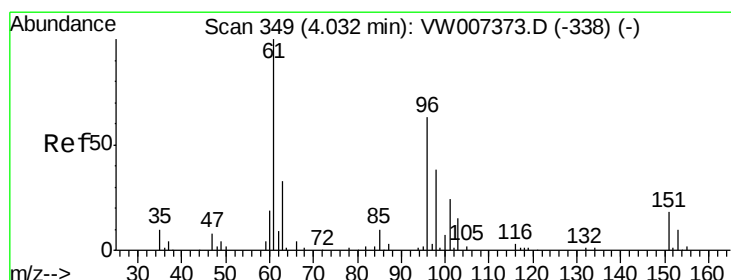
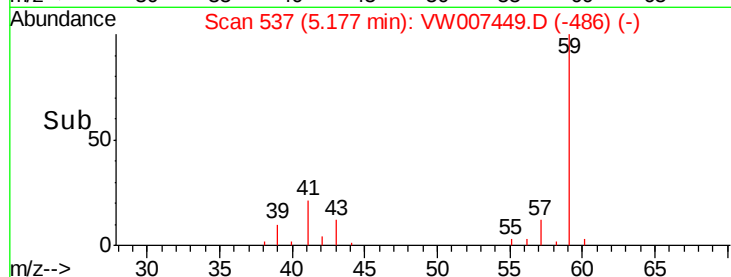
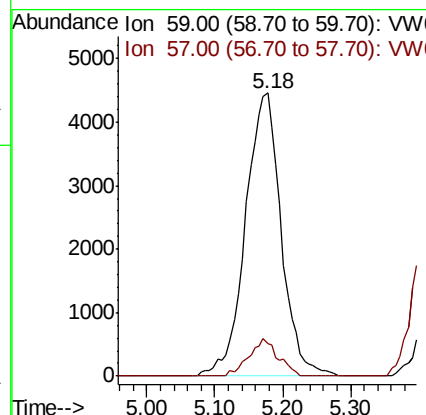
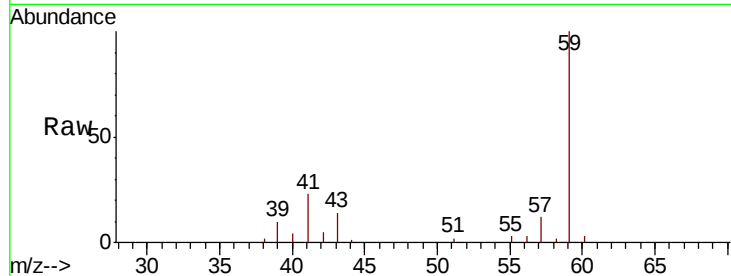
Tert butyl alcohol
Concen: 258.350 ug/l
RT: 5.18 min Scan# 537
Delta R.T. 0.01 min
Lab File: VW007449.D
Acq: 12 Dec 2018 20:11

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	59	57	Ratio	Lower	Upper
16279	100	10.7		7.6	11.4

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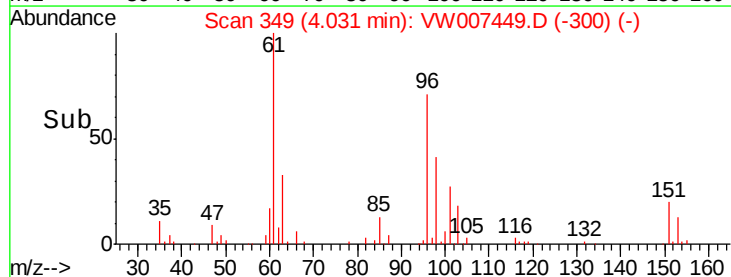
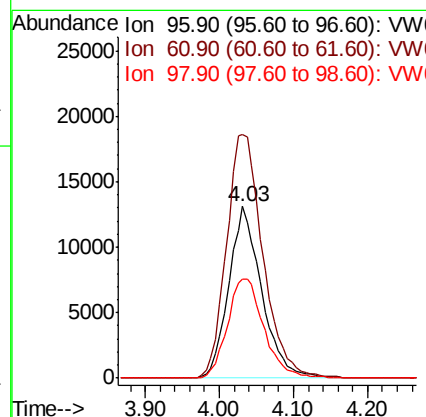
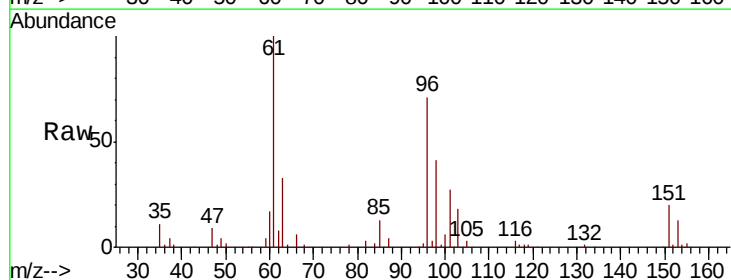
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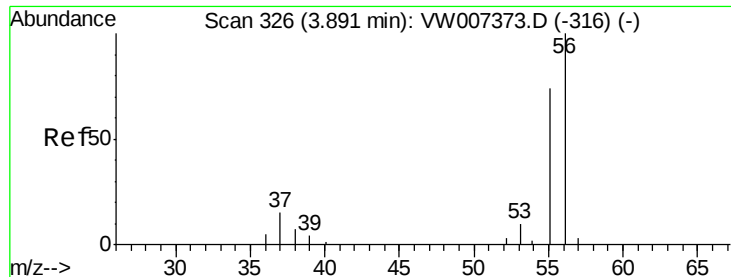


#12

1,1-Dichloroethene
Concen: 49.886 ug/l
RT: 4.03 min Scan# 349
Delta R.T. -0.00 min
Lab File: VW007449.D
Acq: 12 Dec 2018 20:11

Tgt Ion	96	61	98	Ratio	Lower	Upper
40470	100	141.8	57.8		126.2	189.2
					48.3	72.5





#13

Acrolein

Concen: 290.928 ug/l

RT: 3.89 min Scan# 326

Delta R.T. -0.00 min

Lab File: VW007449.D

Acq: 12 Dec 2018 20:11

Tot Ion: 56 Resp: 12130

Ion Ratio Lower Upper

56 100

55 71.9 57.4 86.2

Instrument :

MSVOA_W

ClientSampleId :

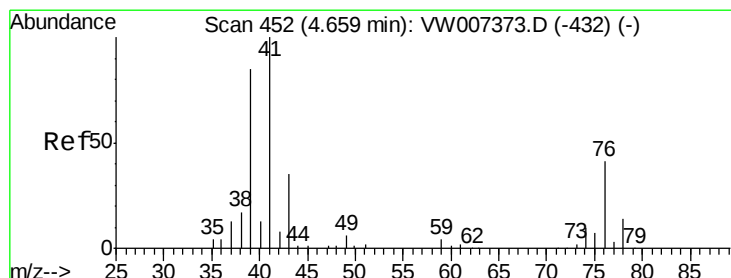
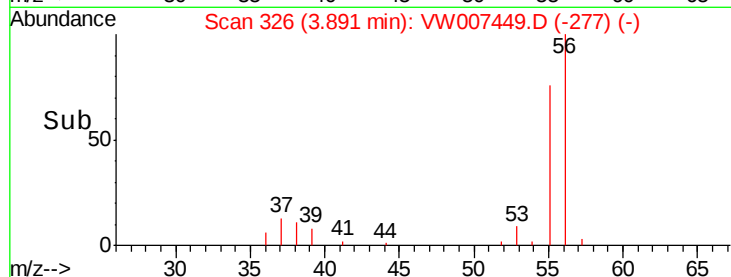
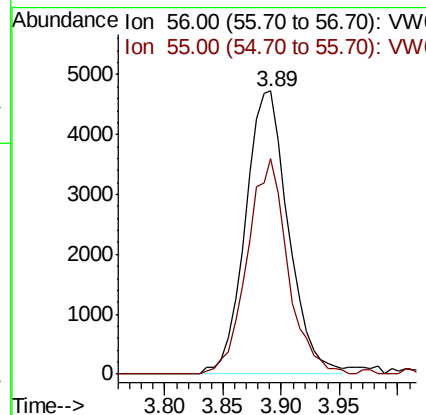
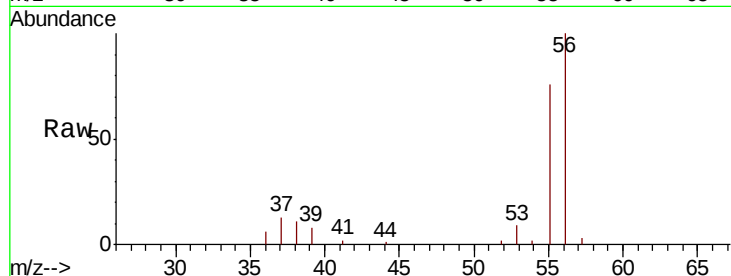
VSTDCCC050

Manual Integrations

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#14

Allyl chloride

Concen: 47.501 ug/l

RT: 4.66 min Scan# 452

Delta R.T. -0.00 min

Lab File: VW007449.D

Acq: 12 Dec 2018 20:11

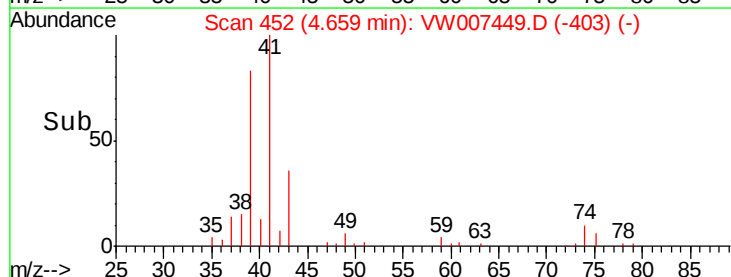
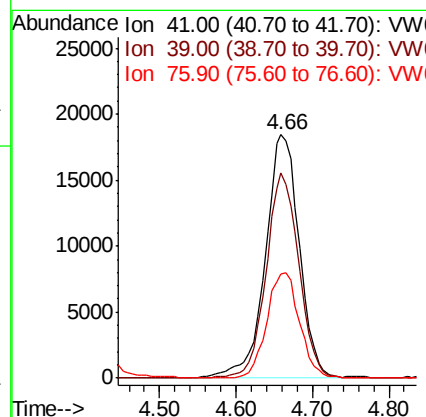
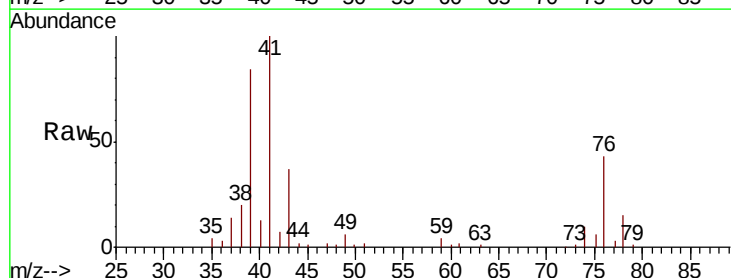
Tgt Ion: 41 Resp: 56802

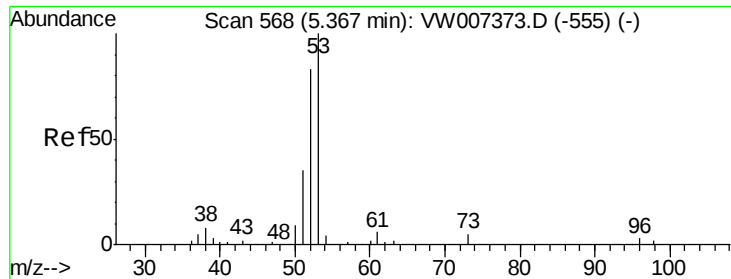
Ion Ratio Lower Upper

41 100

39 81.3 63.4 95.2

76 41.8 32.1 48.1





#15

Acrylonitrile

Concen: 270.570 ug/l

RT: 5.36 min Scan# 567

Delta R.T. -0.01 min

Lab File: VW007449.D

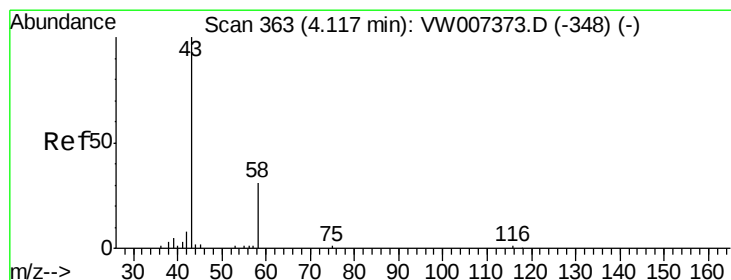
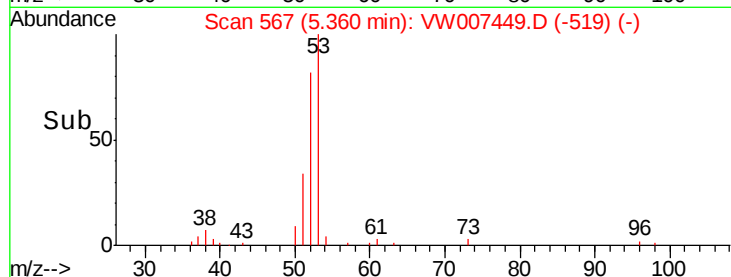
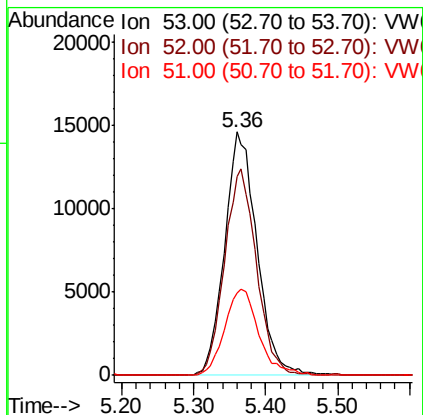
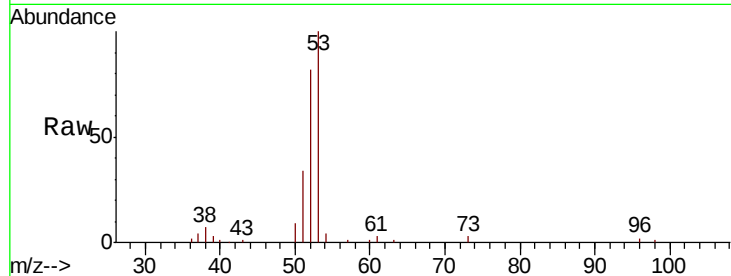
Acq: 12 Dec 2018 20:11

Tot Ion:	53	Resp:	45587
Ion	Ratio	Lower	Upper
53	100		
52	83.7	67.4	101.2
51	37.3	30.2	45.2

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Manual Integrations
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#16

Acetone

Concen: 275.352 ug/l

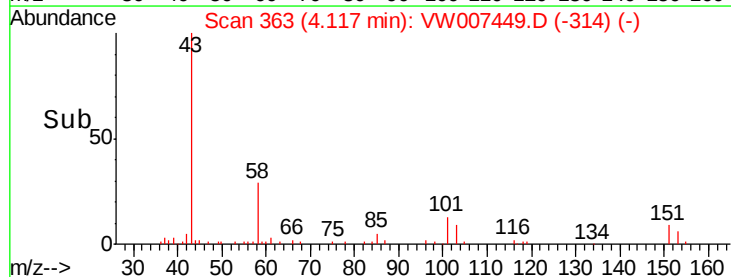
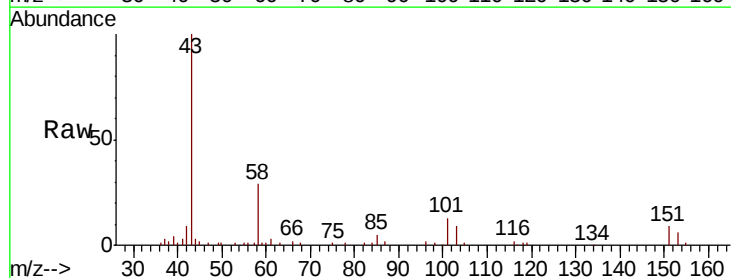
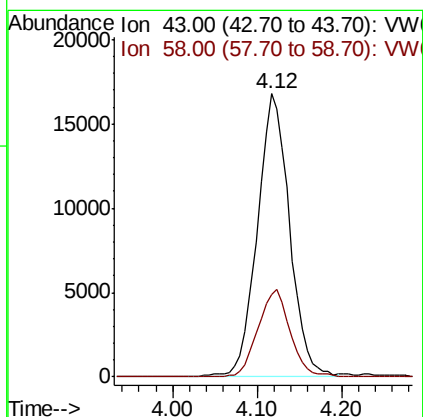
RT: 4.12 min Scan# 363

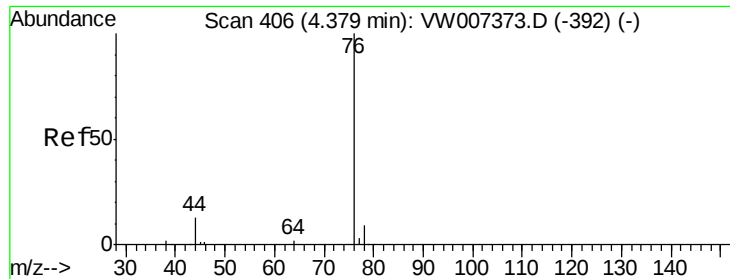
Delta R.T. -0.00 min

Lab File: VW007449.D

Acq: 12 Dec 2018 20:11

Tgt Ion:	43	Resp:	44127
Ion	Ratio	Lower	Upper
43	100		
58	29.0	24.9	37.3





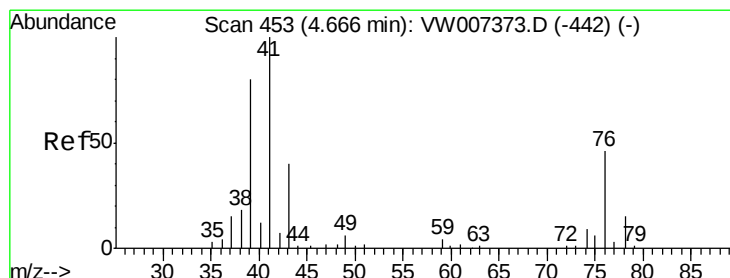
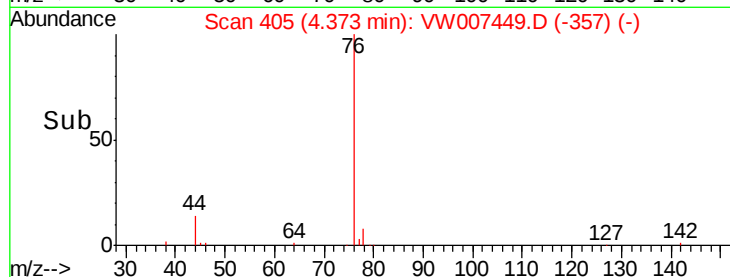
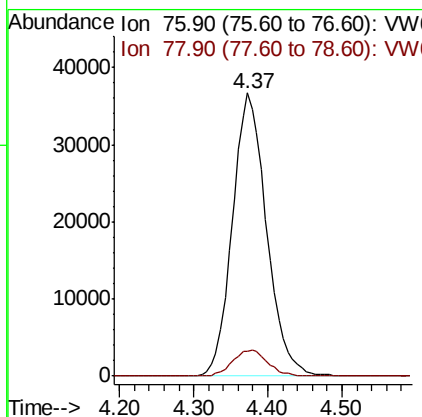
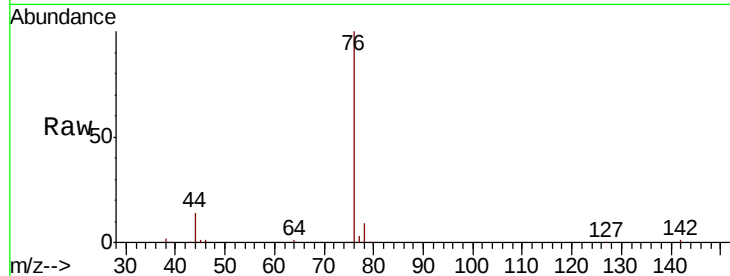
#17
Carbon Disulfide
Concen: 47.846 ug/l
RT: 4.37 min Scan# 405
Delta R.T. -0.01 min
Lab File: VW007449.D
Acq: 12 Dec 2018 20:11

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
76	100		
78	8.9	7.1	10.7

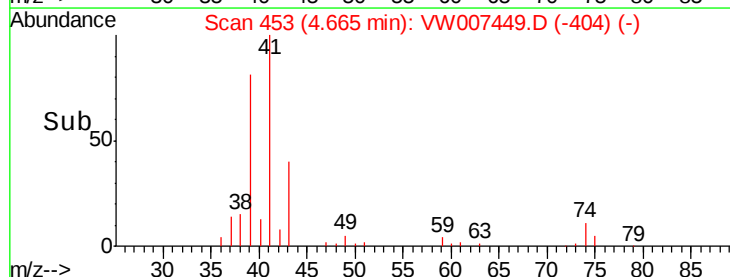
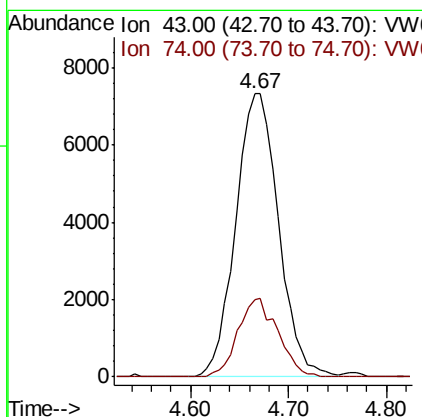
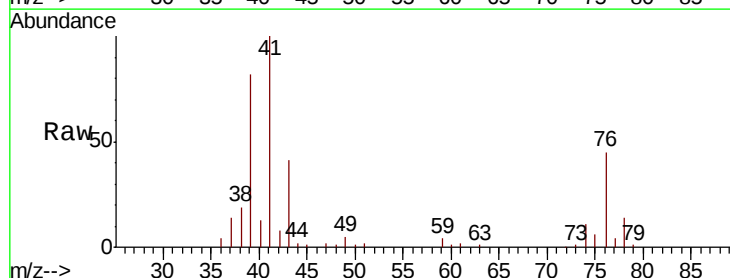
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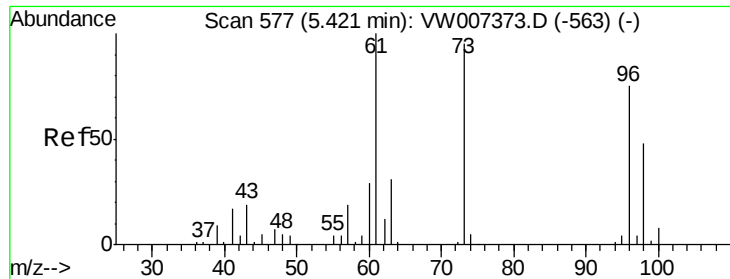
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#18
Methyl Acetate
Concen: 51.281 ug/l
RT: 4.67 min Scan# 453
Delta R.T. -0.00 min
Lab File: VW007449.D
Acq: 12 Dec 2018 20:11

Tgt Ion	Ratio	Lower	Upper
43	100		
74	25.7	21.1	31.7



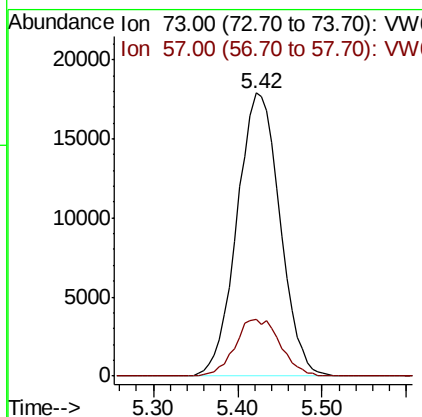
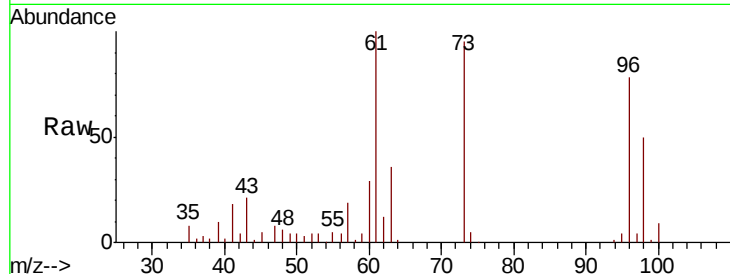


#19
Methyl tert-butyl Ether
Concen: 50.669 ug/l
RT: 5.42 min Scan# 577
Delta R.T. -0.00 min
Lab File: VW007449.D
Acq: 12 Dec 2018 20:11

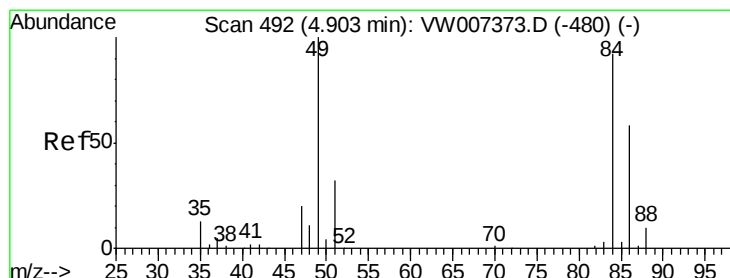
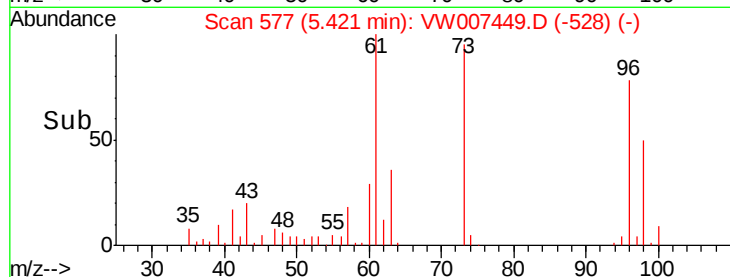
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion: 73 Resp: 62010
Ion Ratio Lower Upper
73 100
57 19.9 16.4 24.6

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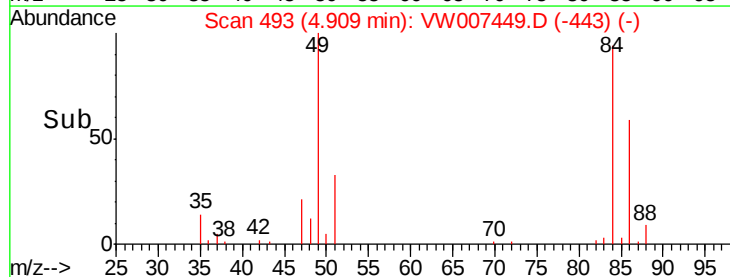
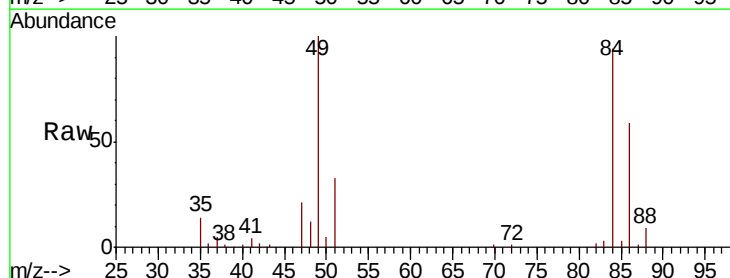
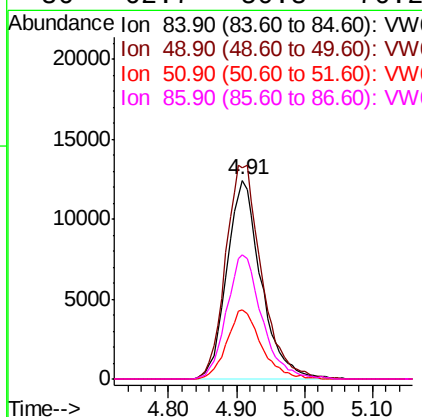


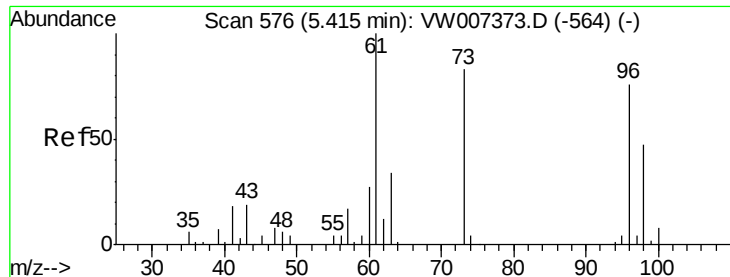
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#20
Methylene Chloride
Concen: 49.420 ug/l
RT: 4.91 min Scan# 493
Delta R.T. 0.01 min
Lab File: VW007449.D
Acq: 12 Dec 2018 20:11

Tgt Ion: 84 Resp: 43350
Ion Ratio Lower Upper
84 100
49 106.2 87.1 130.7
51 34.9 28.2 42.2
86 62.7 50.8 76.2





#21

trans-1,2-Dichloroethene

Concen: 48.663 ug/l

RT: 5.42 min Scan# 576

Delta R.T. -0.00 min

Lab File: VW007449.D

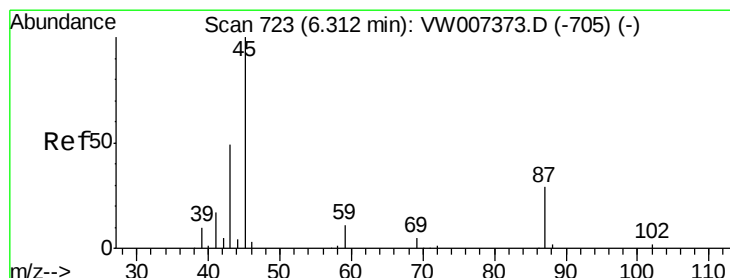
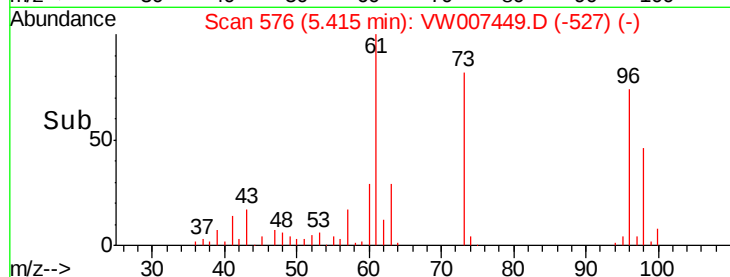
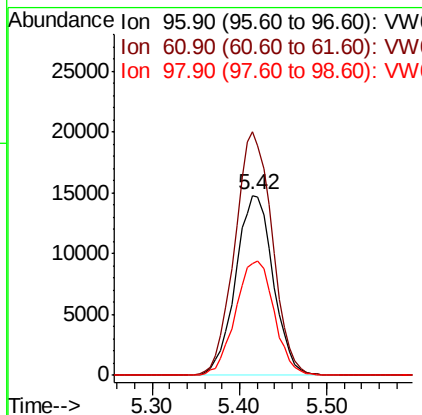
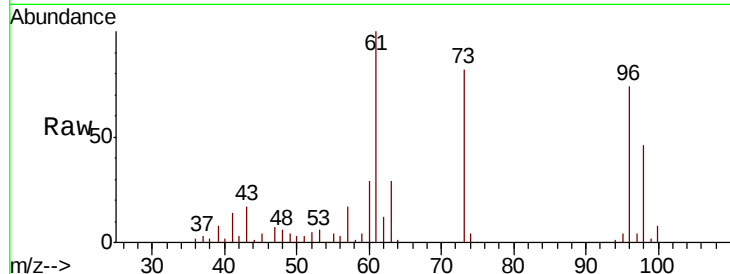
Acq: 12 Dec 2018 20:11

Tot Ion:	96	Resp:	44162
Ion	Ratio	Lower	Upper
96	100		
61	135.1	105.0	157.6
98	62.3	49.7	74.5

Instrument :
MSVOA_W
ClientSampled :
VSTDCCC050

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#22

Diisopropyl ether

Concen: 48.584 ug/l

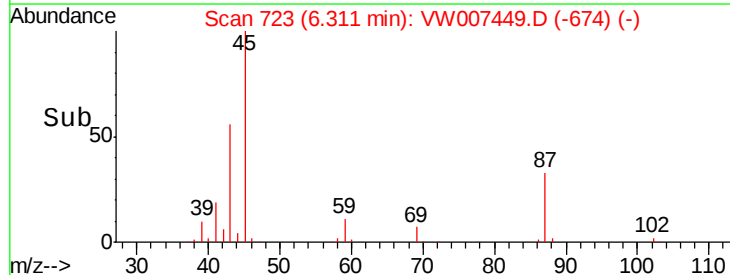
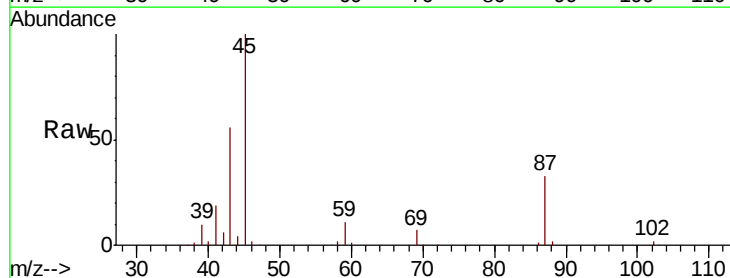
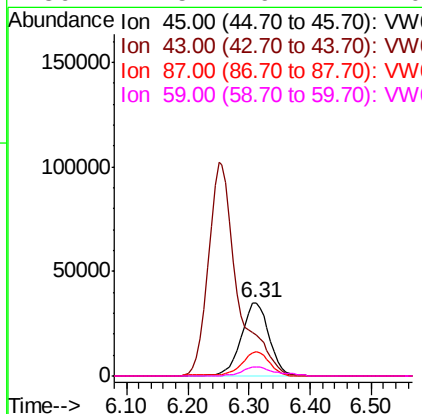
RT: 6.31 min Scan# 723

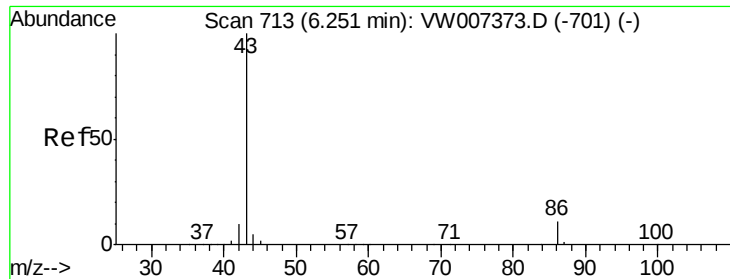
Delta R.T. -0.00 min

Lab File: VW007449.D

Acq: 12 Dec 2018 20:11

Tgt Ion:	45	Resp:	111671
Ion	Ratio	Lower	Upper
45	100		
43	55.4	41.6	62.4
87	33.4	24.3	36.5
59	11.5	9.4	14.0





#23

Vinyl Acetate

Concen: 264.895 ug/l

RT: 6.25 min Scan# 713

Delta R.T. -0.00 min

Lab File: VW007449.D

Acq: 12 Dec 2018 20:11

Tot Ion: 43 Resp: 340557

Ion Ratio Lower Upper

43 100

86 11.8 8.6 12.8

Instrument :

MSVOA_W

ClientSampleId :

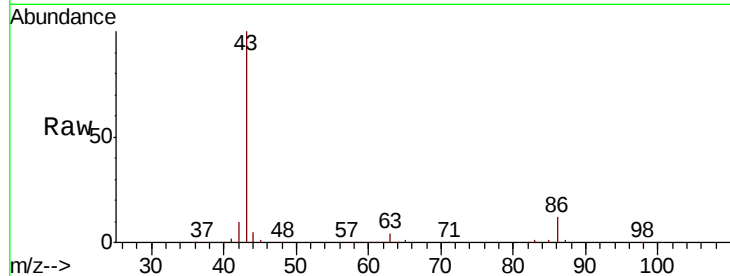
VSTDCCC050

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Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 86.00 (85.70 to 86.70): VW

120000

100000

80000

60000

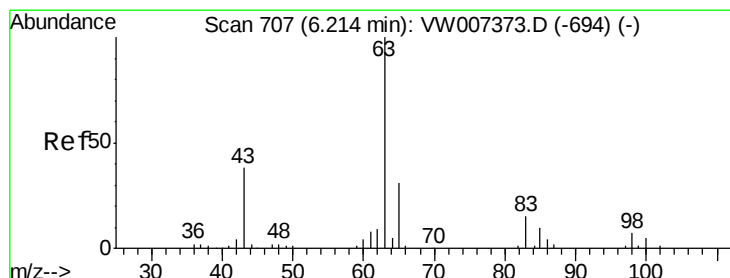
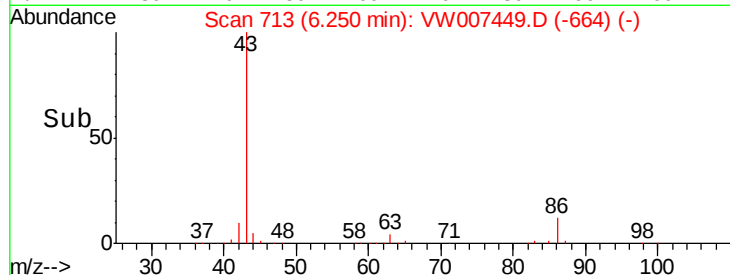
40000

20000

0

6.10 6.20 6.30 6.40 6.50

Time-->



#24

1,1-Dichloroethane

Concen: 48.160 ug/l

RT: 6.21 min Scan# 707

Delta R.T. -0.00 min

Lab File: VW007449.D

Acq: 12 Dec 2018 20:11

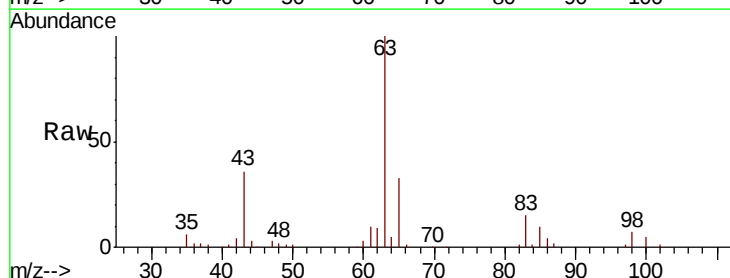
Tgt Ion: 63 Resp: 74815

Ion Ratio Lower Upper

63 100

98 7.0 3.5 10.4

100 5.1 2.5 7.5



Abundance Ion 62.90 (62.60 to 63.60): VW

Ion 97.90 (97.60 to 98.60): VW

Ion 99.90 (99.60 to 100.60): VW

30000

25000

20000

15000

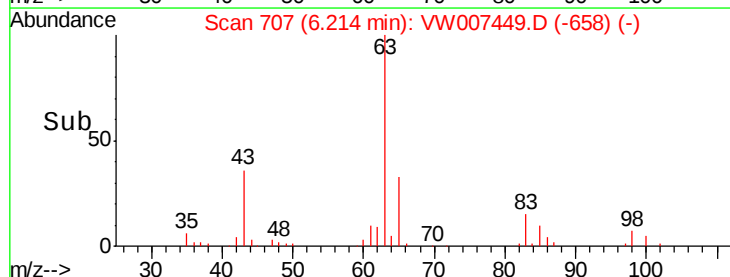
10000

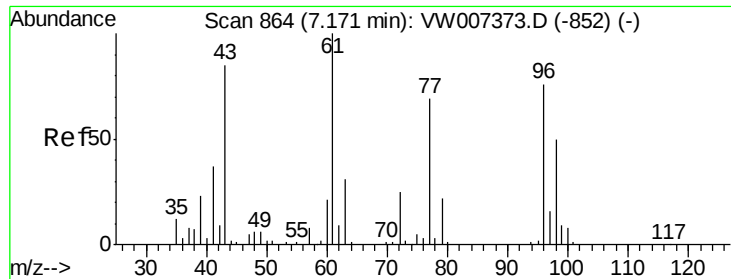
5000

0

6.10 6.20 6.30

Time-->





#25

2-Butanone

Concen: 278.149 ug/l

RT: 7.17 min Scan# 864

Delta R.T. -0.00 min

Lab File: VW007449.D

Acq: 12 Dec 2018 20:11

Instrument :

MSVOA_W

ClientSampled :

VSTDCCC050

Tot Ion: 43 Resp: 58193

Ion Ratio Lower Upper

43 100

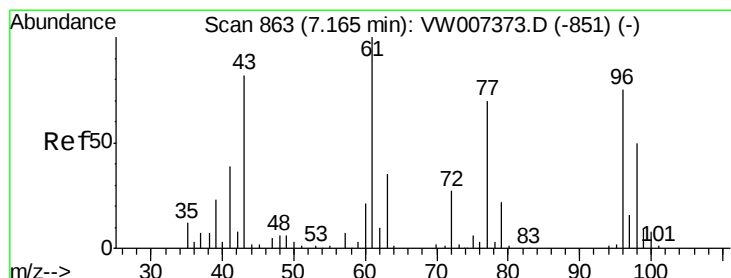
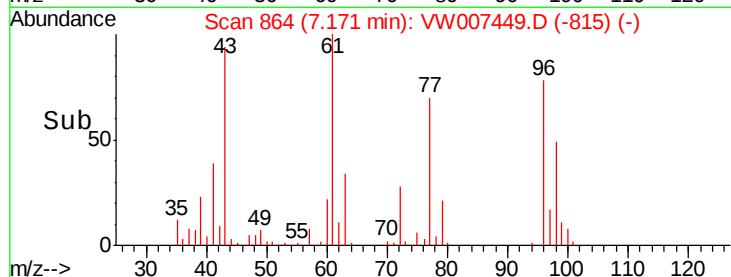
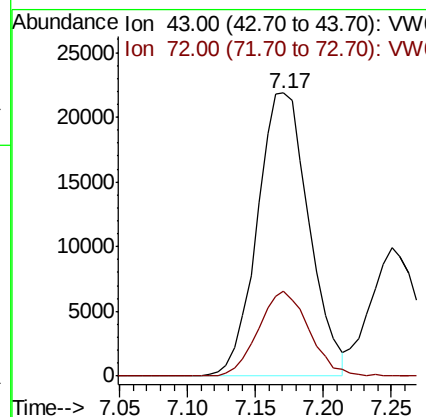
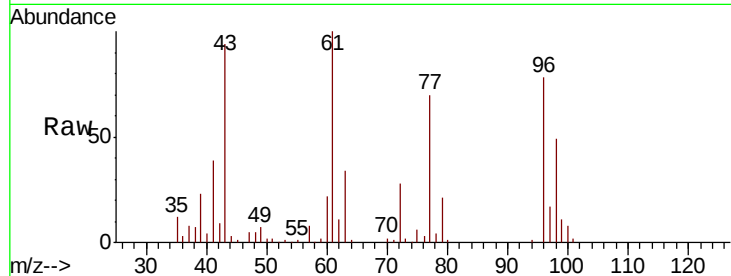
72 29.8 23.4 35.2

Manual Integrations

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#26

2,2-Dichloropropane

Concen: 48.798 ug/l

RT: 7.16 min Scan# 862

Delta R.T. -0.01 min

Lab File: VW007449.D

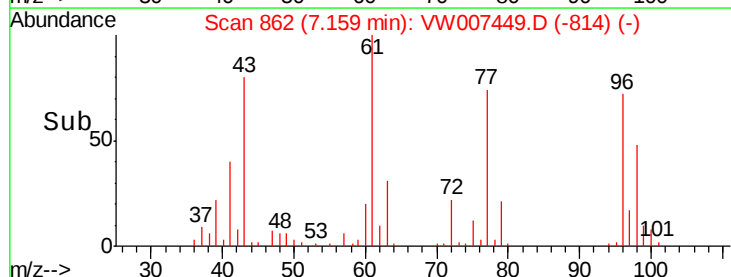
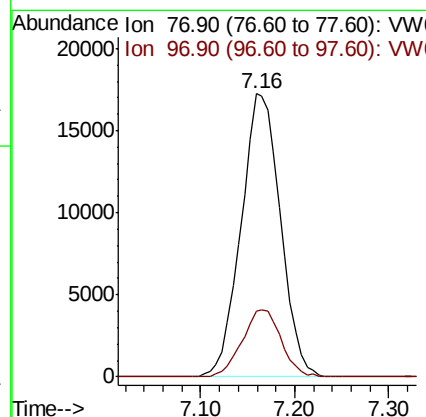
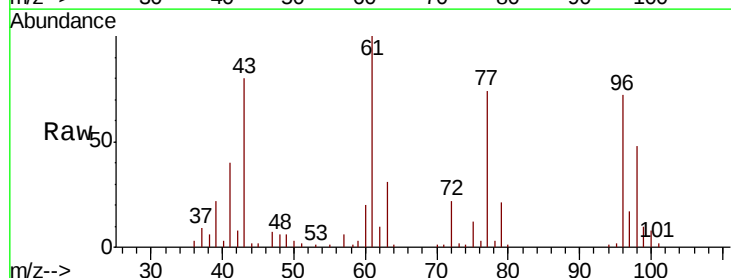
Acq: 12 Dec 2018 20:11

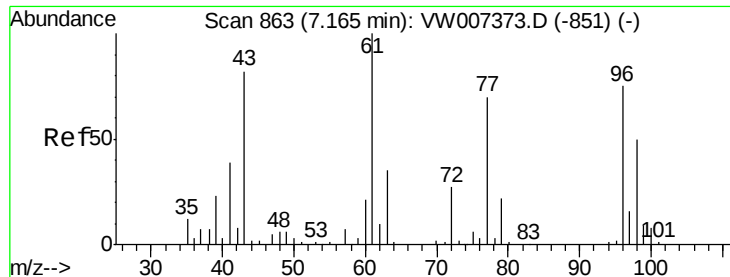
Tgt Ion: 77 Resp: 50170

Ion Ratio Lower Upper

77 100

97 23.4 11.6 34.8





#27

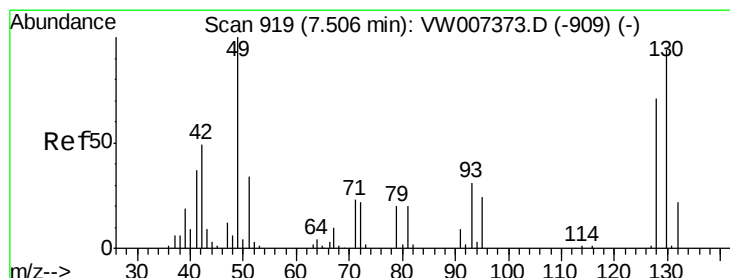
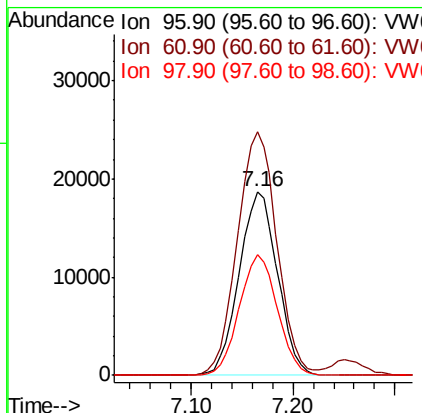
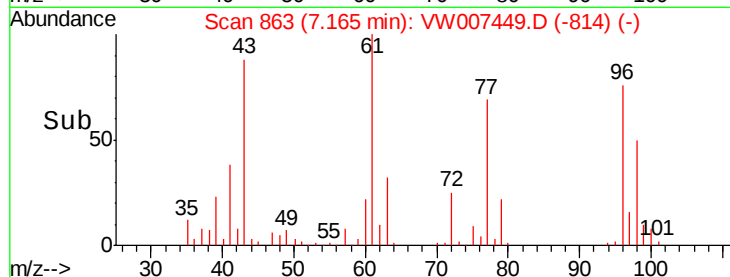
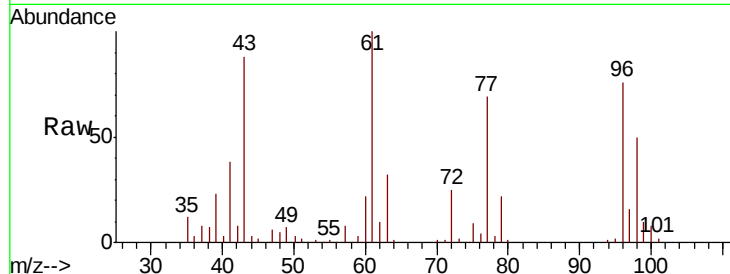
cis-1,2-Dichloroethene
Concen: 49.082 ug/l
RT: 7.16 min Scan# 863
Delta R.T. -0.00 min
Lab File: VW007449.D
Acq: 12 Dec 2018 20:11

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
96	100		
61	137.2	0.0	268.4
98	65.3	0.0	127.8

Manual Integrations
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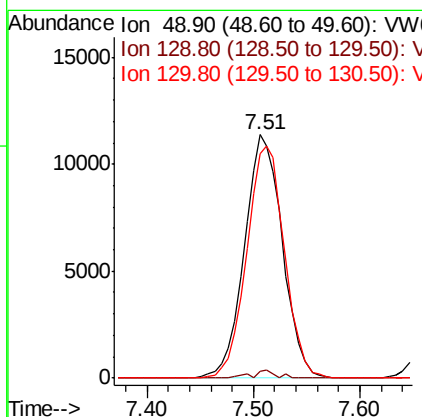
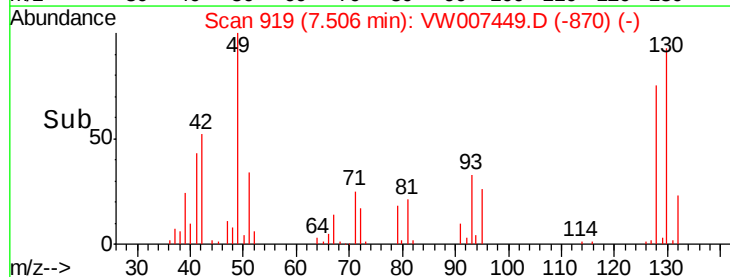
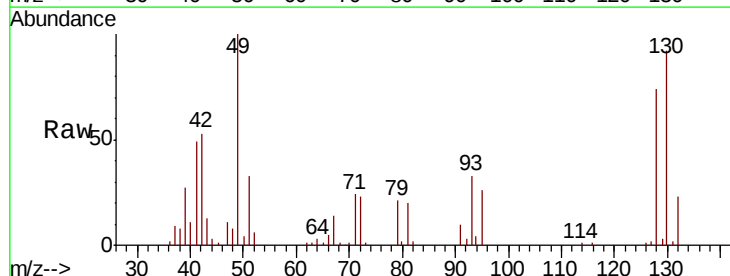
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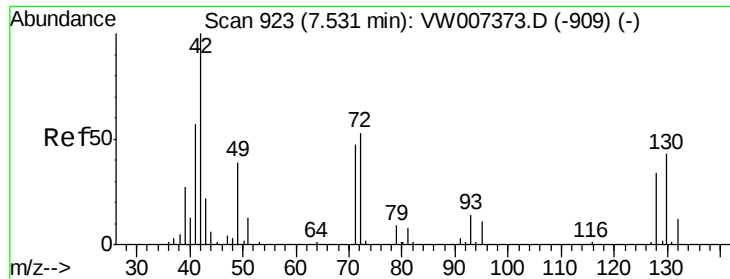


#28

Bromochloromethane
Concen: 48.536 ug/l
RT: 7.51 min Scan# 919
Delta R.T. -0.00 min
Lab File: VW007449.D
Acq: 12 Dec 2018 20:11

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.0	0.0	2.6
130	94.9	75.9	113.9





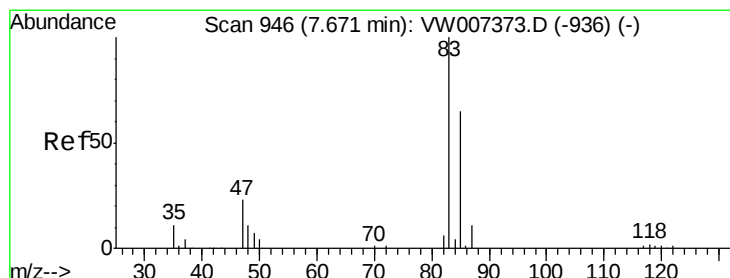
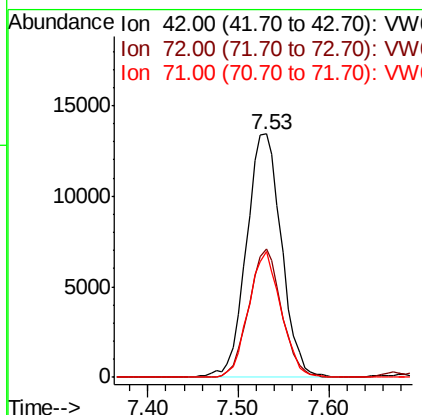
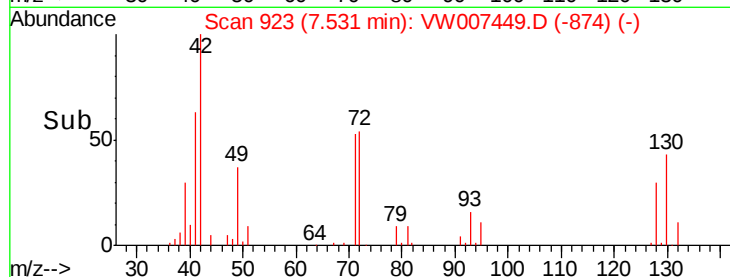
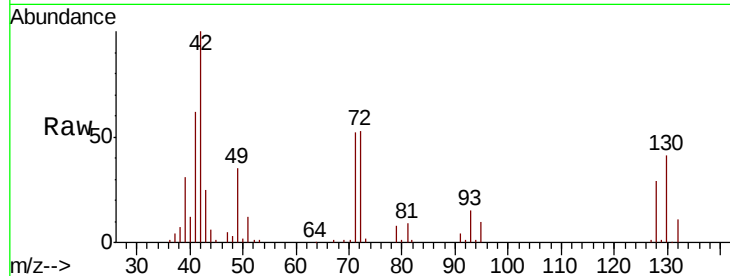
#29
Tetrahydrofuran
Concen: 270.772 ug/l
RT: 7.53 min Scan# 923
Delta R.T. -0.00 min
Lab File: VW007449.D
Acq: 12 Dec 2018 20:11

Tot Ion:	42.00	Resp:	35863
Ion Ratio	Lower	Upper	
42	100		
72	49.4	38.2	57.4
71	47.9	35.5	53.3

Instrument :
MSVOA_W
ClientSampled :
VSTDCCC050

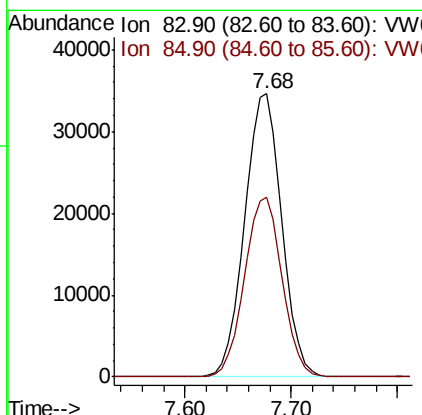
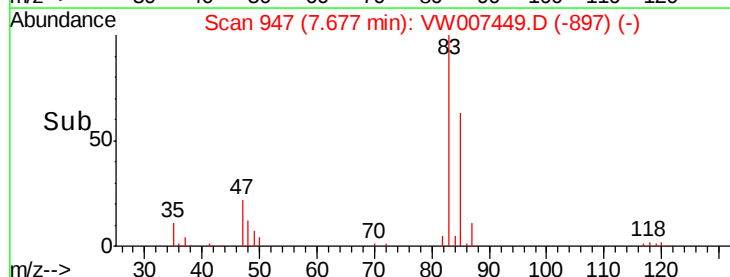
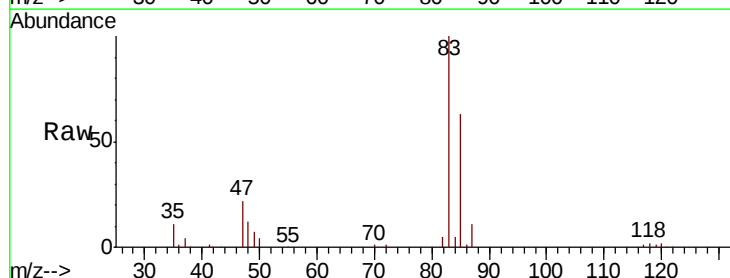
Manual Integrations
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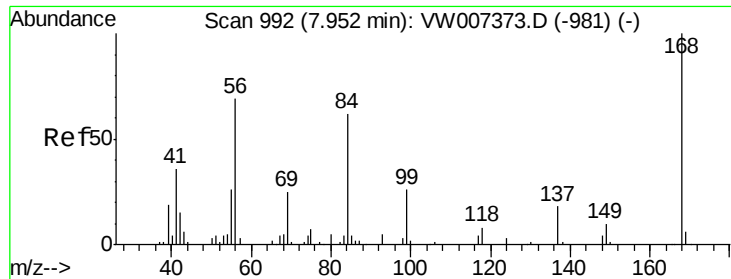
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#30
Chloroform
Concen: 50.117 ug/l
RT: 7.68 min Scan# 947
Delta R.T. 0.01 min
Lab File: VW007449.D
Acq: 12 Dec 2018 20:11

Tgt Ion:	83.00	Resp:	84725
Ion Ratio	Lower	Upper	
83	100		
85	63.4	51.8	77.8





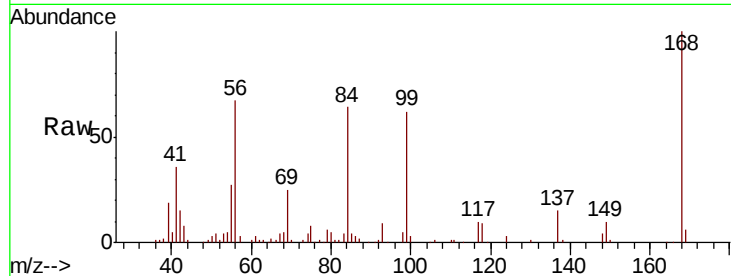
#31
Cyclohexane
Concen: 45.039 ug/l
RT: 7.95 min Scan# 992
Delta R.T. -0.00 min
Lab File: VW007449.D
Acq: 12 Dec 2018 20:11

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion:	56	Resp:	64194
Ion	Ratio	Lower	Upper
56	100		
69	37.0	28.9	43.3
84	95.0	71.8	107.6

Manual Integrations
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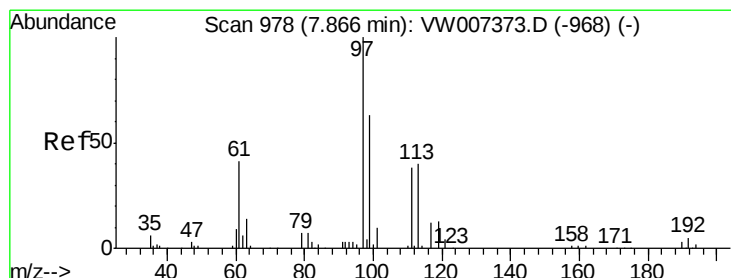
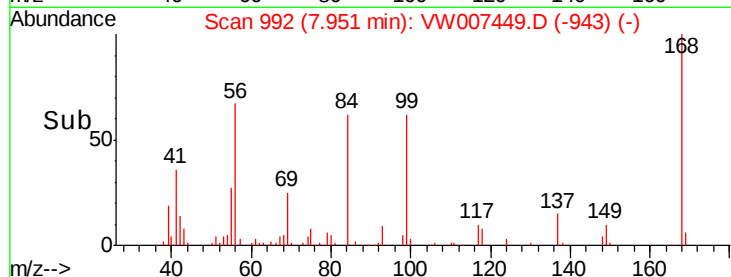
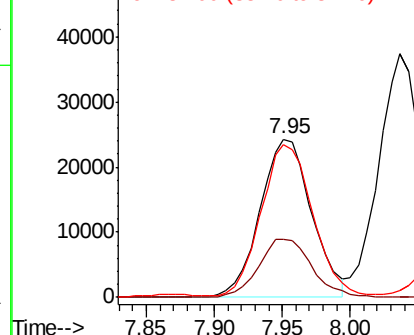


Abundance

Ion 56.00 (55.70 to 56.70): VW

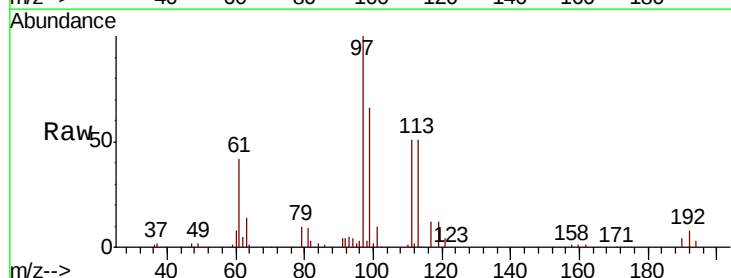
Ion 69.00 (68.70 to 69.70): VW

Ion 84.00 (83.70 to 84.70): VW



#32
1,1,1-Trichloroethane
Concen: 49.104 ug/l
RT: 7.87 min Scan# 979
Delta R.T. 0.01 min
Lab File: VW007449.D
Acq: 12 Dec 2018 20:11

Tgt Ion:	97	Resp:	72796
Ion	Ratio	Lower	Upper
97	100		
99	64.2	51.1	76.7
61	41.4	33.2	49.8

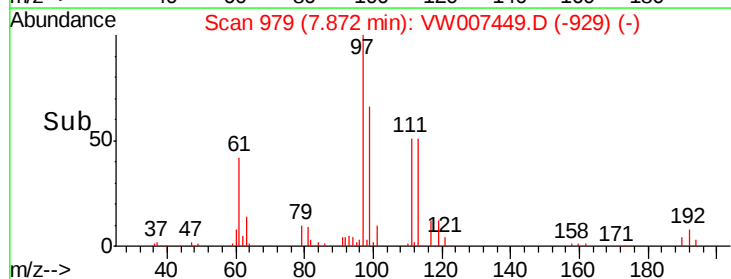
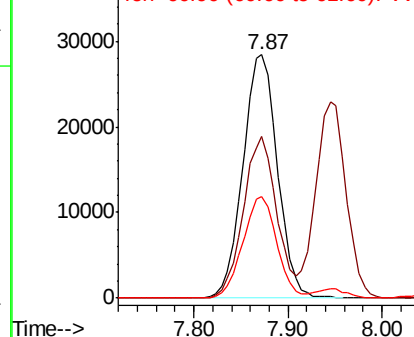


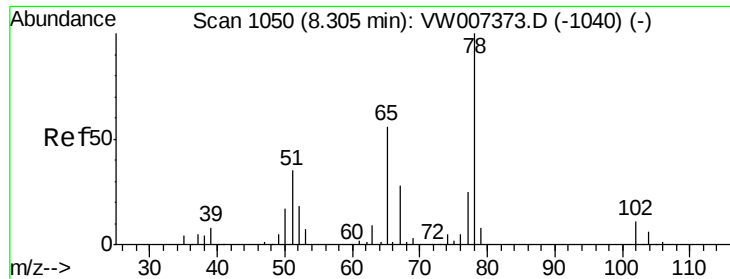
Abundance

Ion 96.90 (96.60 to 97.60): VW

Ion 98.90 (98.60 to 99.60): VW

Ion 60.90 (60.60 to 61.60): VW





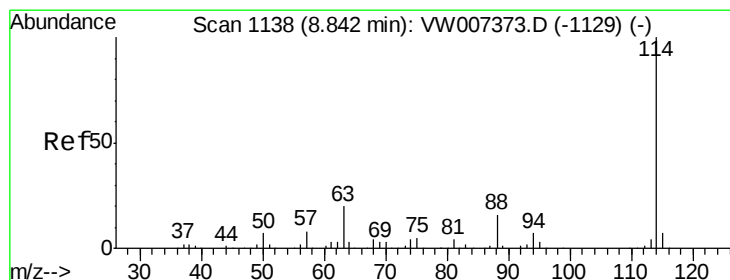
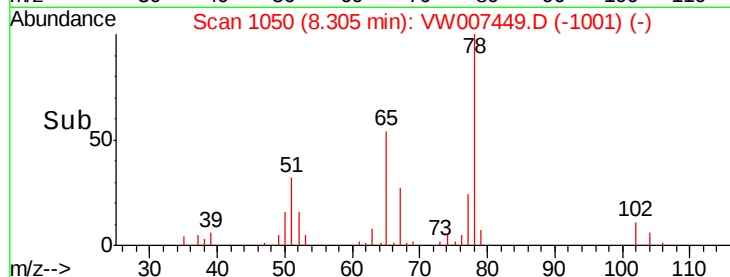
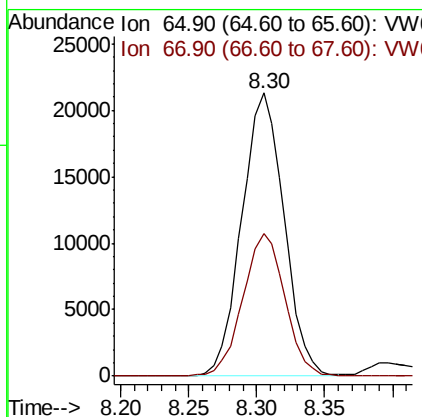
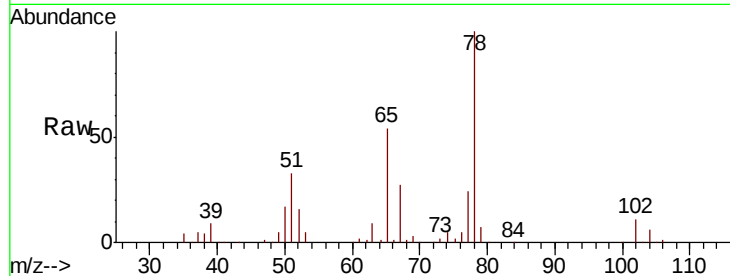
#33
 1,2-Dichloroethane-d4
 Concen: 50.449 ug/l
 RT: 8.30 min Scan# 1050
 Delta R.T. -0.00 min
 Lab File: VW007449.D
 Acq: 12 Dec 2018 20:11

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
65	100	46286		
67	50.1		0.0	101.6

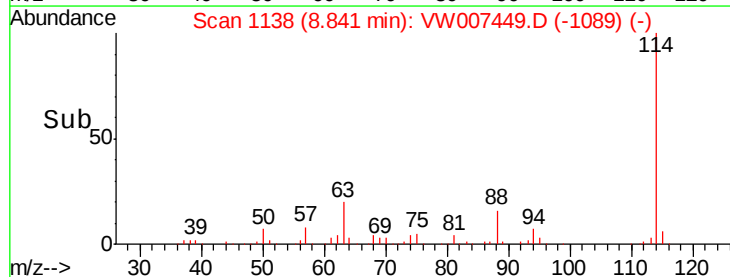
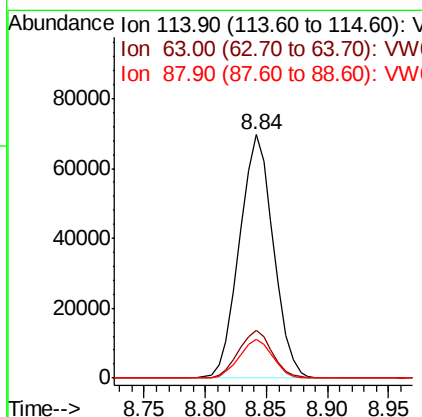
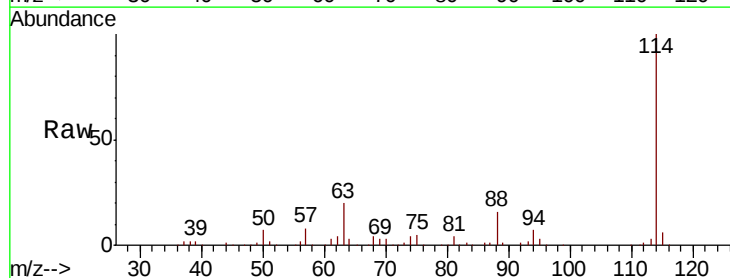
Manual Integrations
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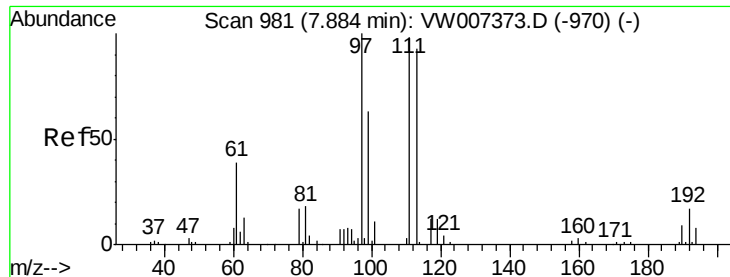
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VW007449.D
 Acq: 12 Dec 2018 20:11

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	134259		
63	19.8		0.0	39.6
88	15.8		0.0	31.4





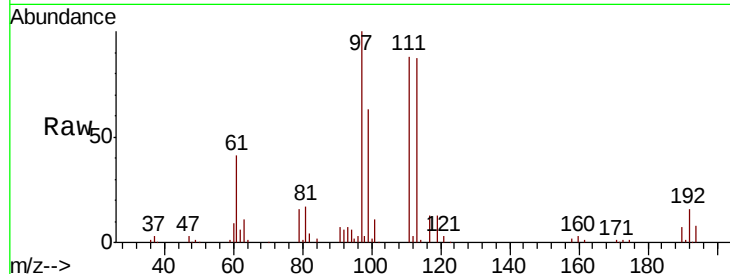
#35
 Dibromofluoromethane
 Concen: 52.372 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. -0.00 min
 Lab File: VW007449.D
 Acq: 12 Dec 2018 20:11

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
113	100		
111	102.5	81.1	121.7
192	18.3	14.6	21.8

Manual Integrations
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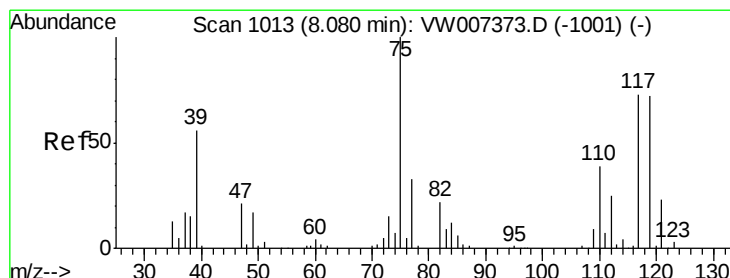
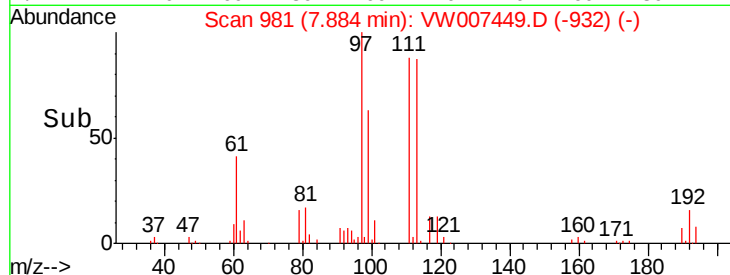
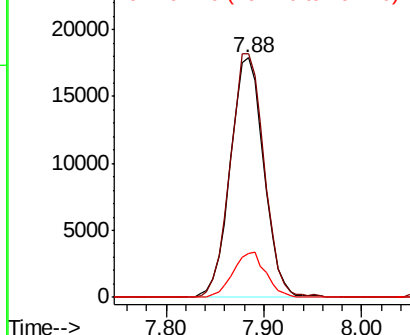


Abundance

Ion 112.80 (112.50 to 113.50): V

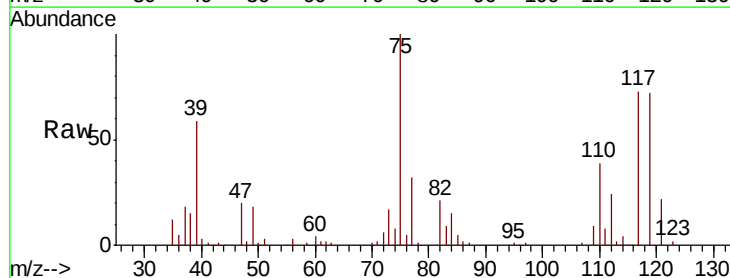
Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36
 1,1-Dichloropropene
 Concen: 51.365 ug/l
 RT: 8.08 min Scan# 1013
 Delta R.T. -0.00 min
 Lab File: VW007449.D
 Acq: 12 Dec 2018 20:11

Tgt Ion	Ratio	Lower	Upper
75	100		
110	38.1	18.5	55.5
77	31.5	25.6	38.4

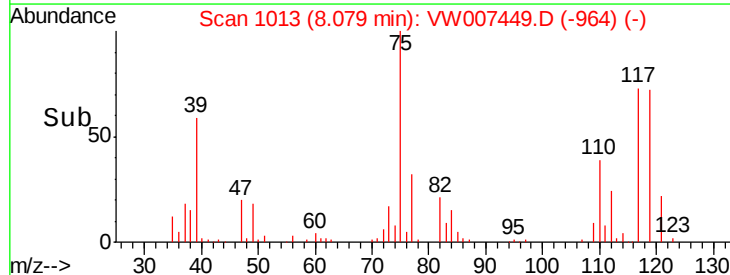
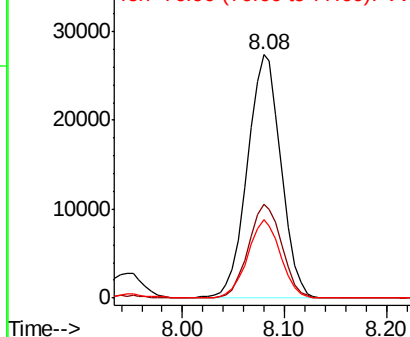


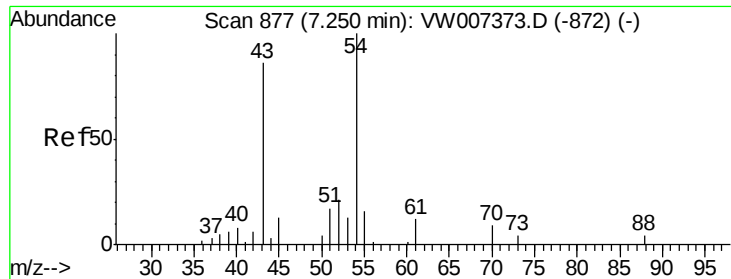
Abundance

Ion 74.90 (74.60 to 75.60): VW

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VW





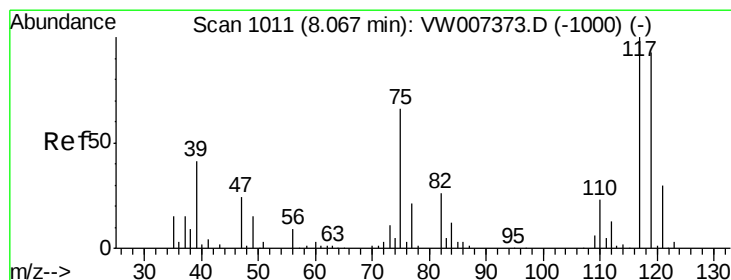
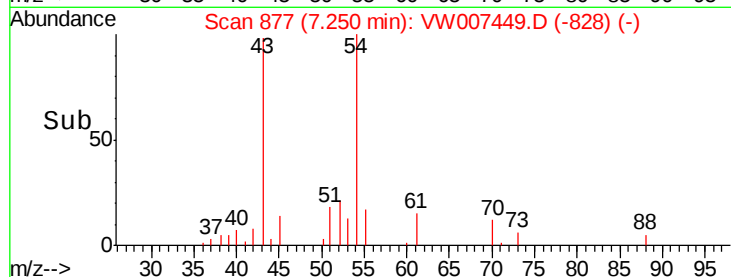
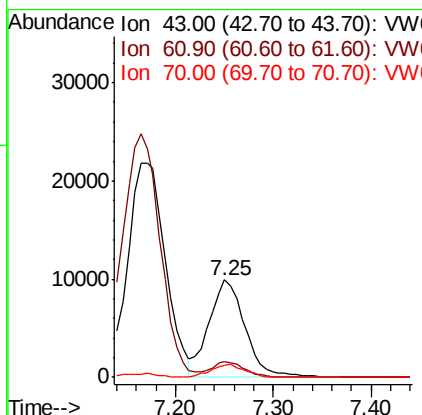
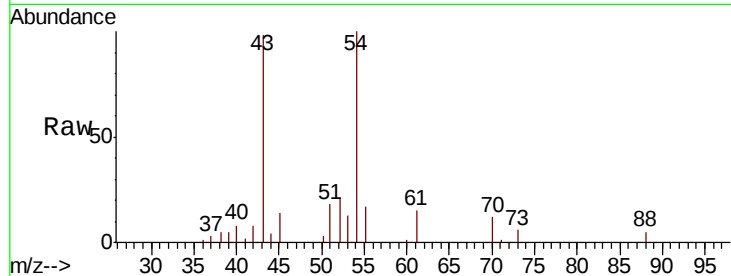
#37
Ethyl Acetate
Concen: 55.744 ug/l
RT: 7.25 min Scan# 877
Delta R.T. -0.00 min
Lab File: VW007449.D
Acq: 12 Dec 2018 20:11

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
43	100		
61	14.0	12.1	18.1
70	12.3	10.0	15.0

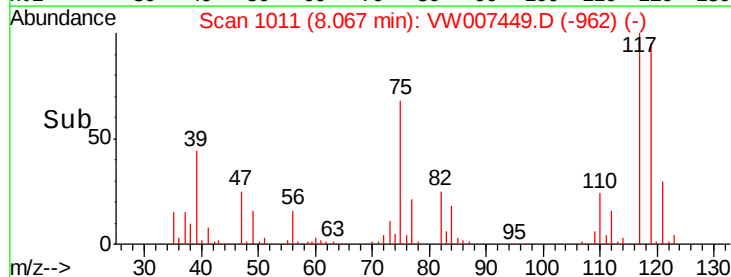
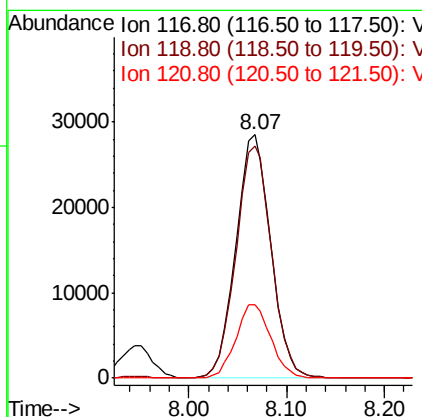
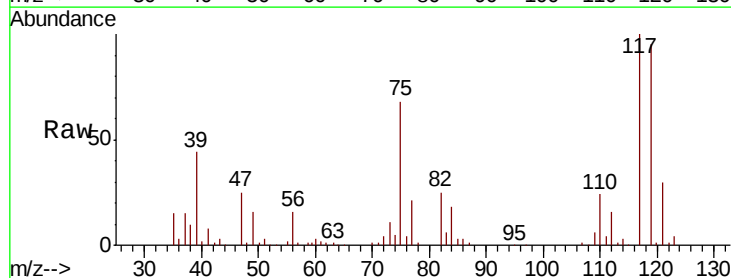
Manual Integrations
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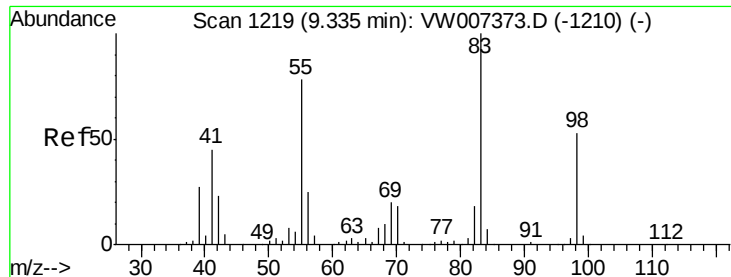
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#38
Carbon Tetrachloride
Concen: 52.871 ug/l
RT: 8.07 min Scan# 1011
Delta R.T. -0.00 min
Lab File: VW007449.D
Acq: 12 Dec 2018 20:11

Tgt Ion	Ratio	Lower	Upper
117	100		
119	95.3	74.3	111.5
121	30.1	24.3	36.5





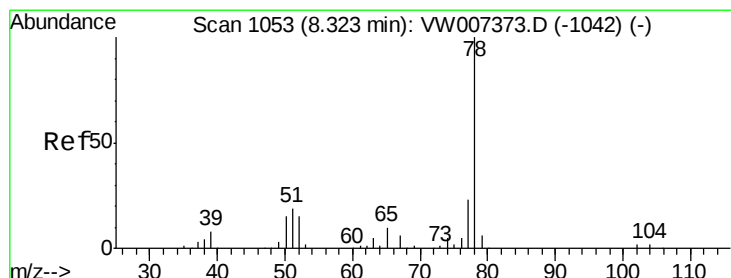
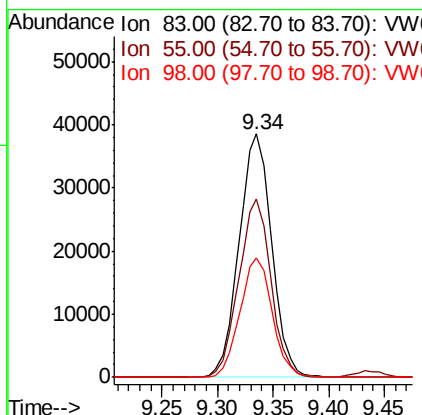
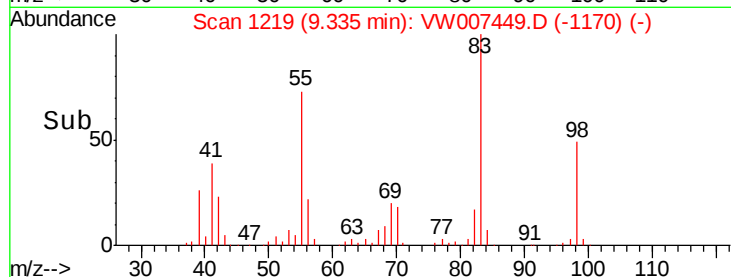
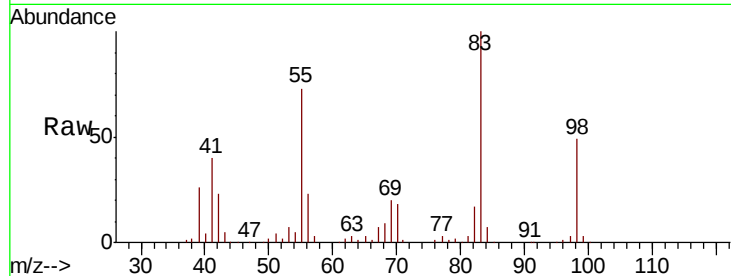
#39
Methvlcvclohexane
Concen: 52.814 ug/l
RT: 9.34 min Scan# 1219
Delta R.T. -0.00 min
Lab File: VW007449.D
Acq: 12 Dec 2018 20:11

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion:	83	Resp:	78326
Ion	Ratio	Lower	Upper
83	100		
55	73.0	62.8	94.2
98	48.9	42.2	63.2

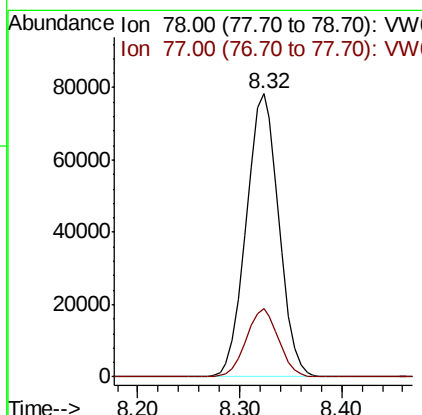
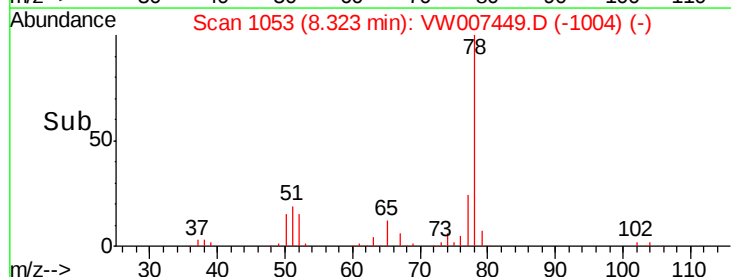
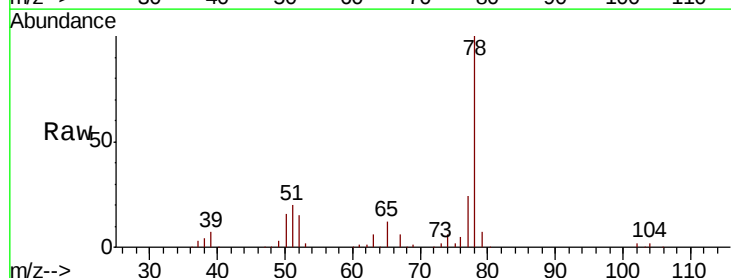
Manual Integrations
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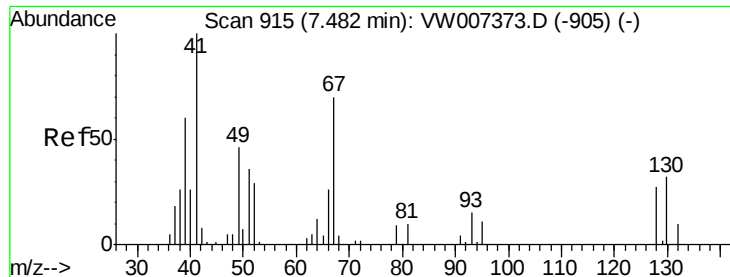
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#40
Benzene
Concen: 51.310 ug/l
RT: 8.32 min Scan# 1053
Delta R.T. -0.00 min
Lab File: VW007449.D
Acq: 12 Dec 2018 20:11

Tgt Ion:	78	Resp:	174398
Ion	Ratio	Lower	Upper
78	100		
77	24.0	18.8	28.2





#41

Methacrylonitrile

Concen: 56.776 ug/l

RT: 7.49 min Scan# 916

Delta R.T. 0.01 min

Lab File: VW007449.D

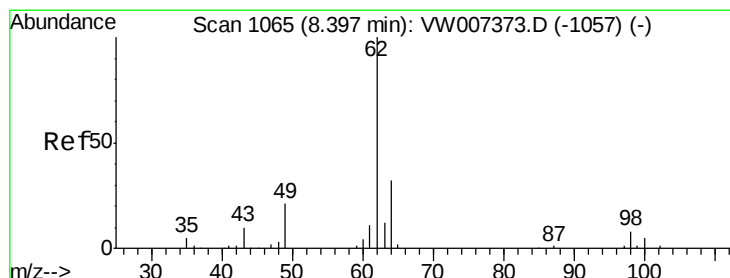
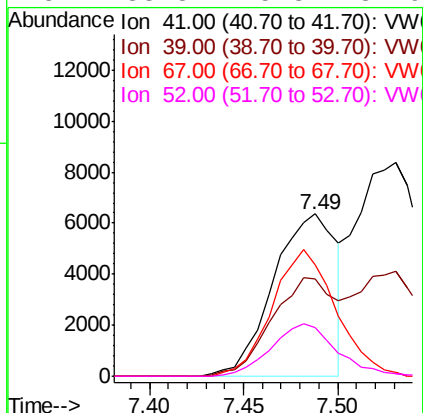
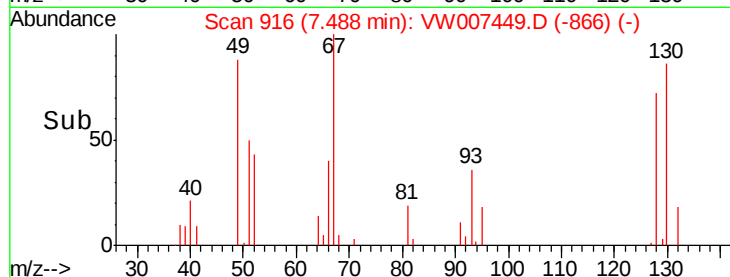
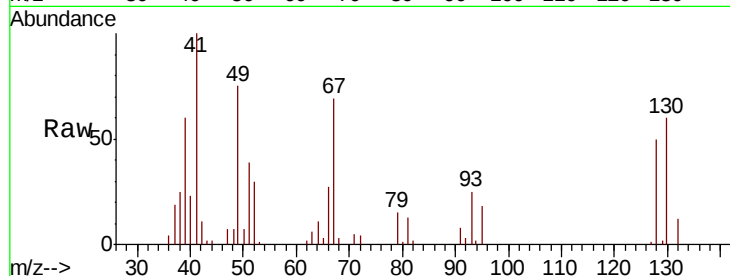
Acq: 12 Dec 2018 20:11

Tot Ion:	41	Resp:	14728
Ion	Ratio	Lower	Upper
41	100		
39	60.4	52.2	78.2
67	79.0	60.5	90.7
52	33.8	25.3	37.9

Instrument :
MSVOA_W
ClientSampled :
VSTDCCC050

Manual Integrations
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#42

1,2-Dichloroethane

Concen: 54.184 ug/l

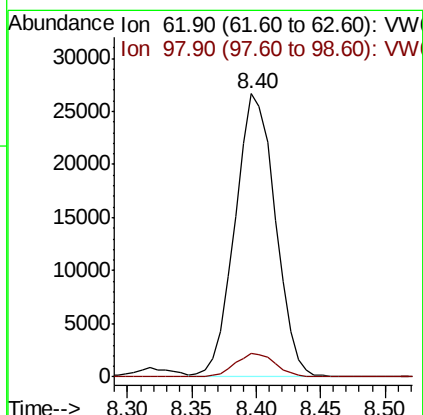
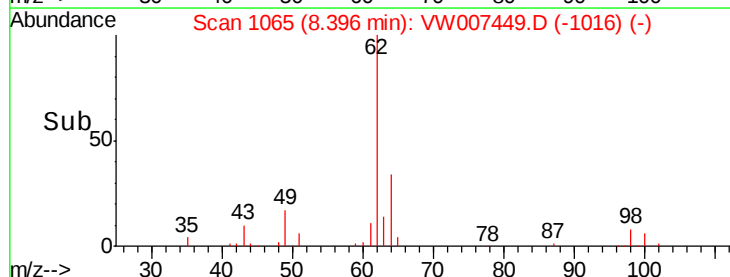
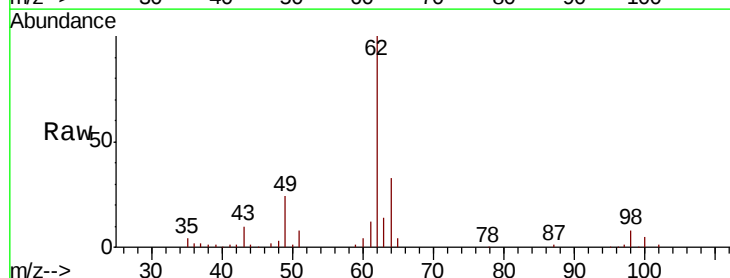
RT: 8.40 min Scan# 1065

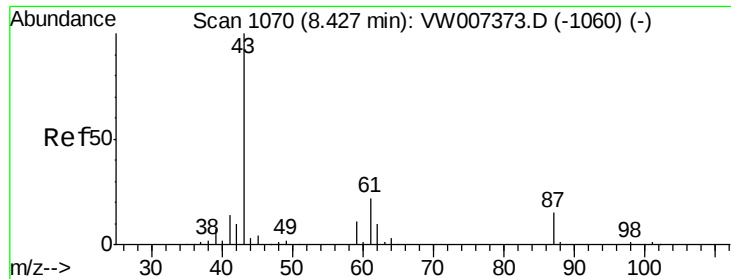
Delta R.T. -0.00 min

Lab File: VW007449.D

Acq: 12 Dec 2018 20:11

Tgt Ion:	62	Resp:	57852
Ion	Ratio	Lower	Upper
62	100		
98	8.3	0.0	17.6





#43

Isopropyl Acetate

Concen: 56.893 ug/l

RT: 8.43 min Scan# 1070

Delta R.T. -0.00 min

Lab File: VW007449.D

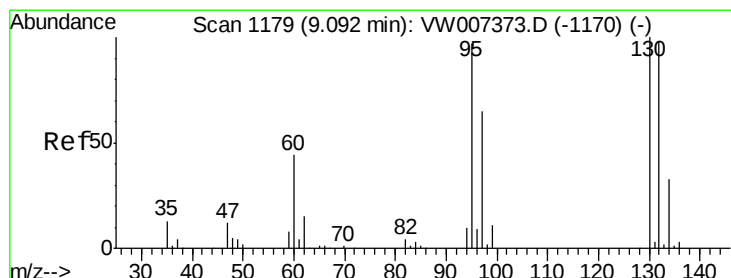
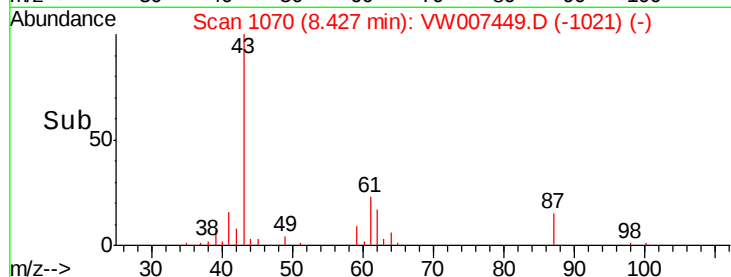
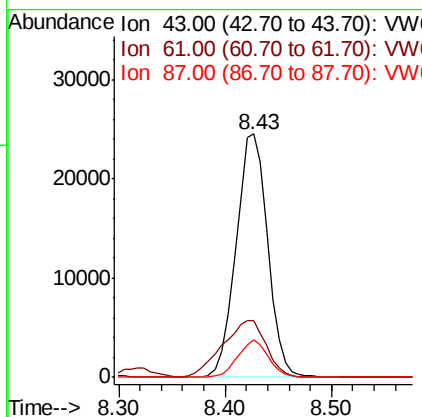
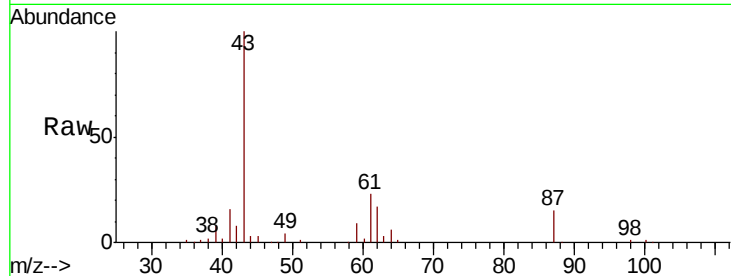
Acq: 12 Dec 2018 20:11

Tot Ion:	43	Resp:	51193
Ion	Ratio	Lower	Upper
43	100		
61	32.0	25.3	37.9
87	14.8	11.8	17.8

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

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#44

Trichloroethene

Concen: 52.485 ug/l

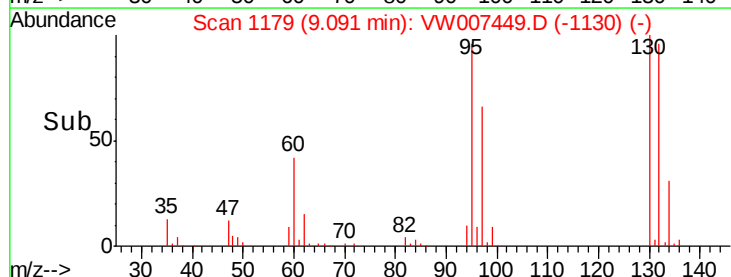
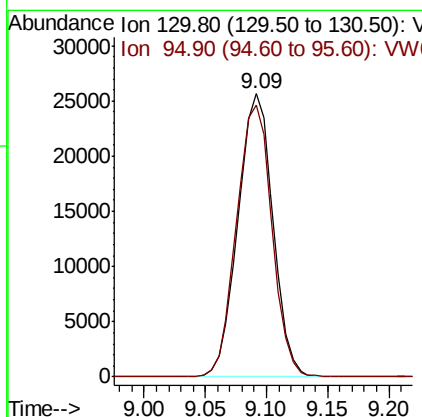
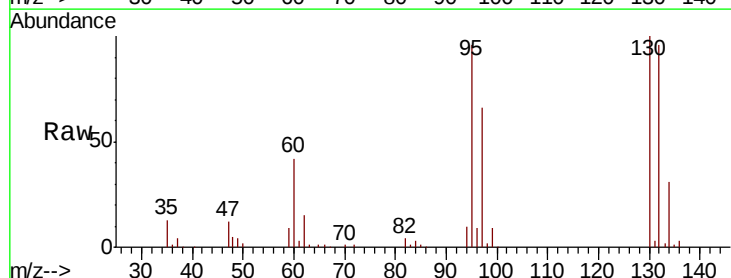
RT: 9.09 min Scan# 1179

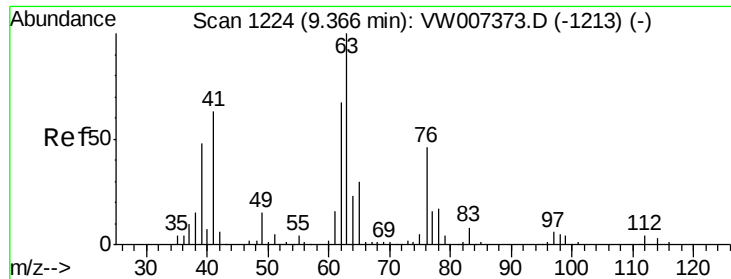
Delta R.T. -0.00 min

Lab File: VW007449.D

Acq: 12 Dec 2018 20:11

Tgt Ion:	130	Resp:	50941
Ion	Ratio	Lower	Upper
130	100		
95	95.9	0.0	193.2





#45

1,2-Dichloropropane

Concen: 52.366 ug/l

RT: 9.37 min Scan# 1224

Delta R.T. -0.00 min

Lab File: VW007449.D

Acq: 12 Dec 2018 20:11

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tot Ion: 63 Resp: 41188

Ion Ratio Lower Upper

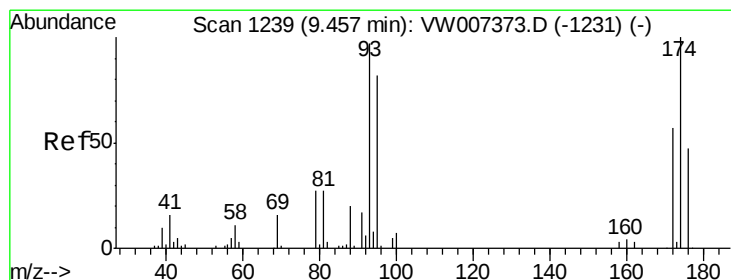
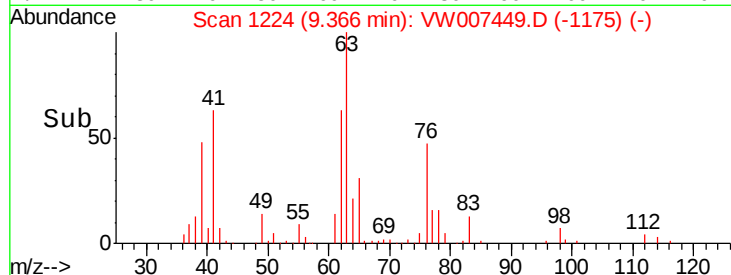
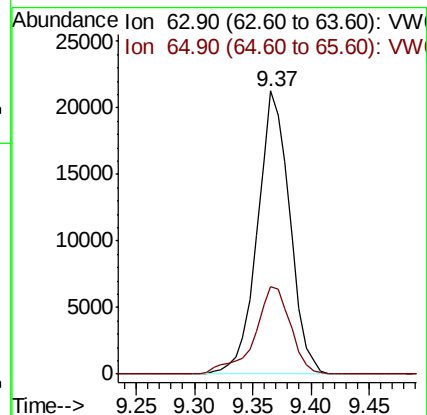
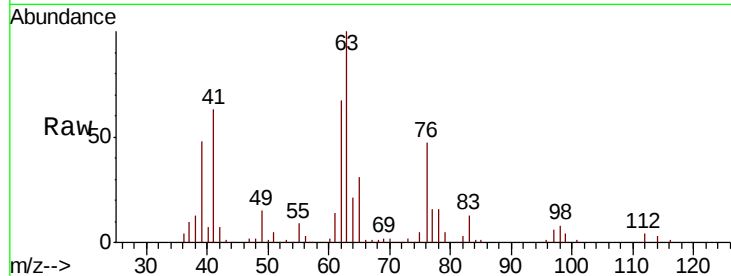
63 100

65 30.8 24.4 36.6

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#46

Dibromomethane

Concen: 54.989 ug/l

RT: 9.46 min Scan# 1239

Delta R.T. -0.00 min

Lab File: VW007449.D

Acq: 12 Dec 2018 20:11

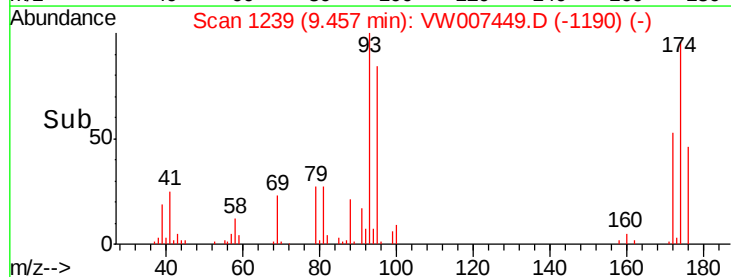
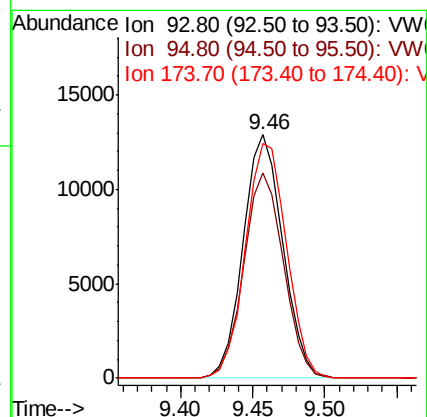
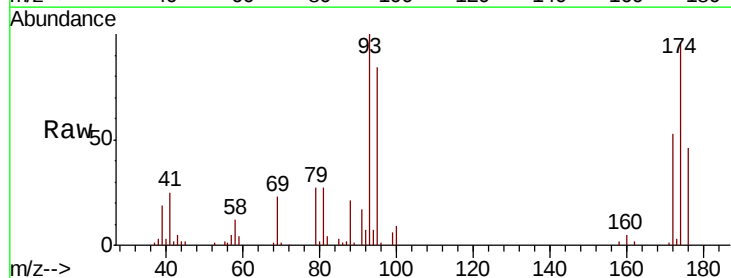
Tgt Ion: 93 Resp: 24562

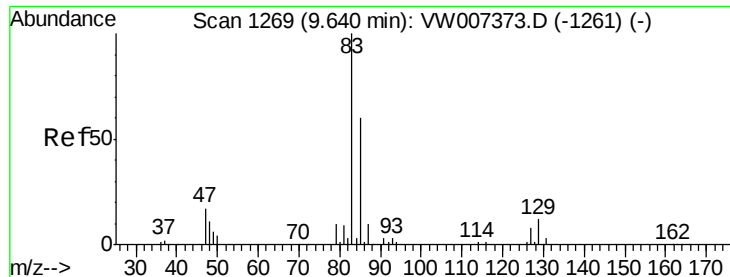
Ion Ratio Lower Upper

93 100

95 84.5 68.0 102.0

174 99.8 83.2 124.8





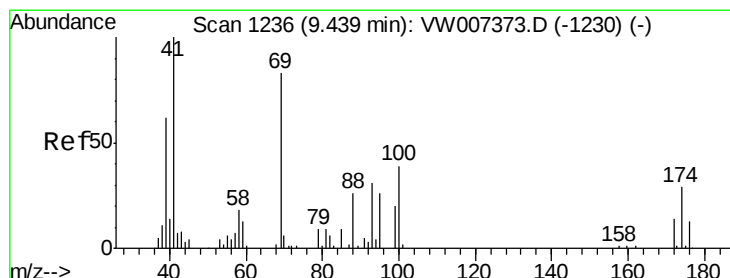
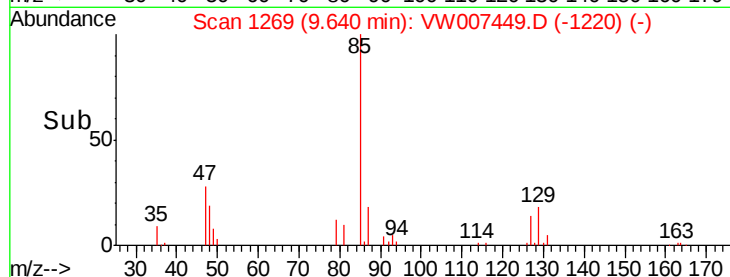
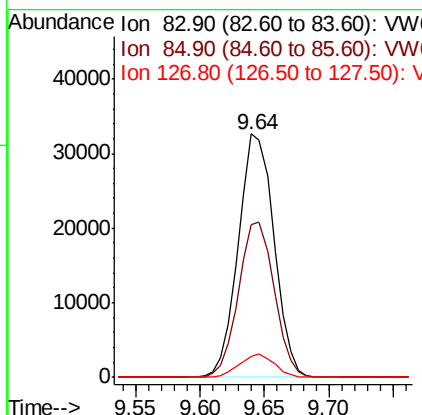
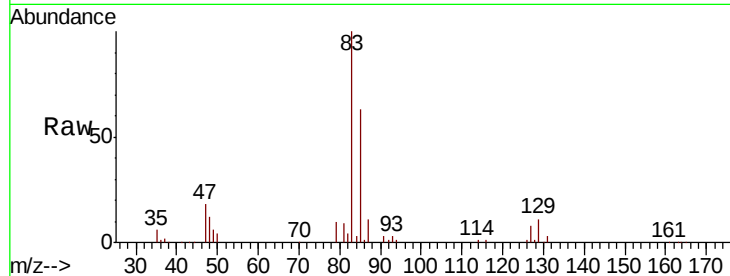
#47
 Bromodichloromethane
 Concen: 53.535 ug/l
 RT: 9.64 min Scan# 1269
 Delta R.T. -0.00 min
 Lab File: VW007449.D
 Acq: 12 Dec 2018 20:11

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tot Ion:	83	Resp:	62723
Ion	Ratio	Lower	Upper
83	100		
85	62.6	47.6	71.4
127	8.4	6.7	10.1

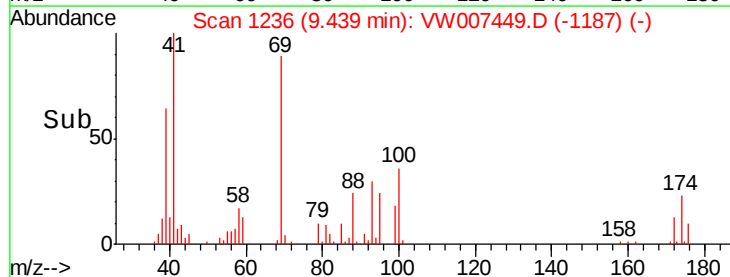
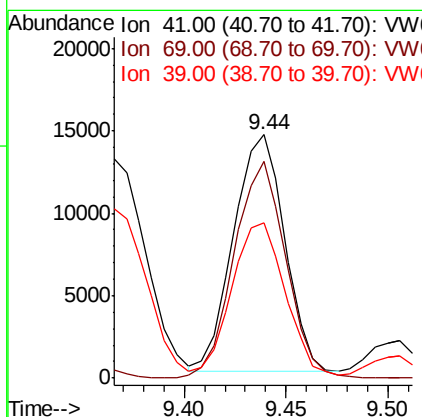
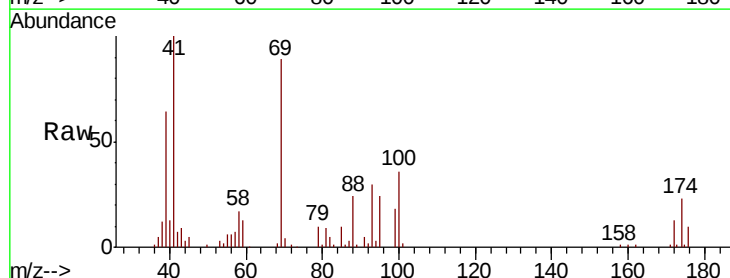
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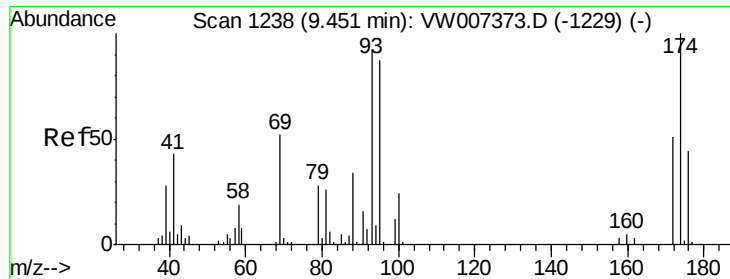
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#48
 Methyl methacrylate
 Concen: 53.983 ug/l
 RT: 9.44 min Scan# 1236
 Delta R.T. -0.00 min
 Lab File: VW007449.D
 Acq: 12 Dec 2018 20:11

Tgt Ion:	41	Resp:	24947
Ion	Ratio	Lower	Upper
41	100		
69	92.9	69.8	104.8
39	66.4	50.9	76.3





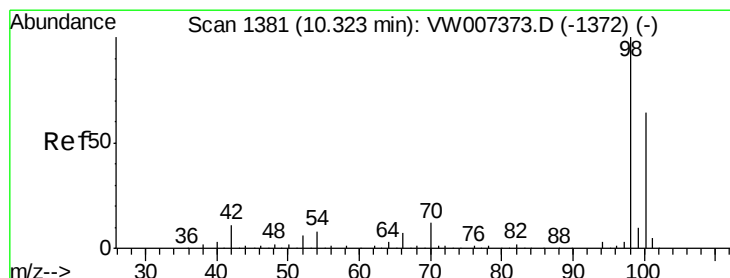
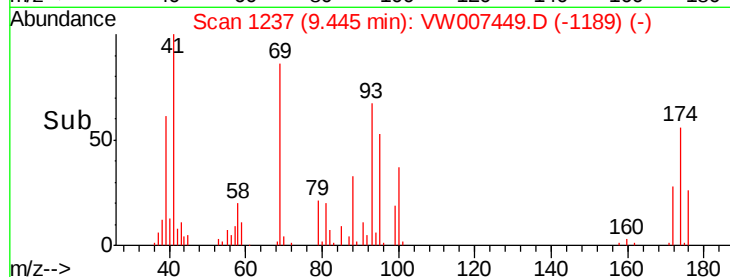
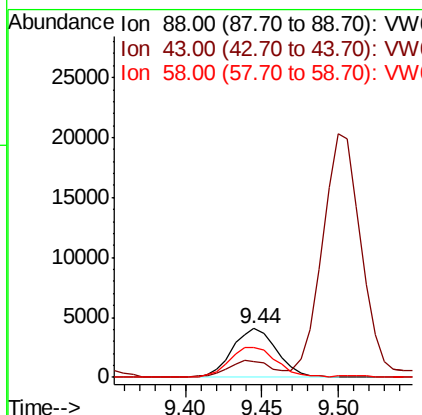
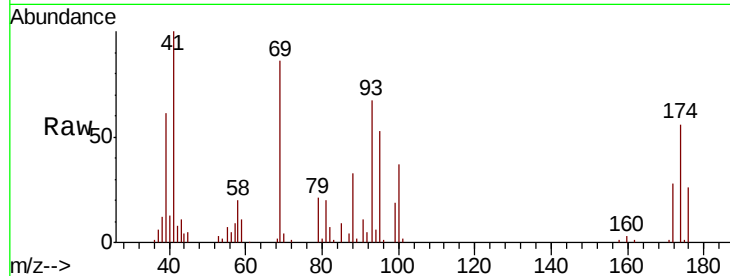
#49
 1,4-Dioxane
 Concen: 1130.732 ug/l
 RT: 9.44 min Scan# 1237
 Delta R.T. -0.01 min
 Lab File: VW007449.D
 Acq: 12 Dec 2018 20:11

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tot Ion	88	Resp	8195
Ion Ratio	Lower	Upper	
88	100		
43	33.3	25.0	37.4
58	66.2	51.4	77.2

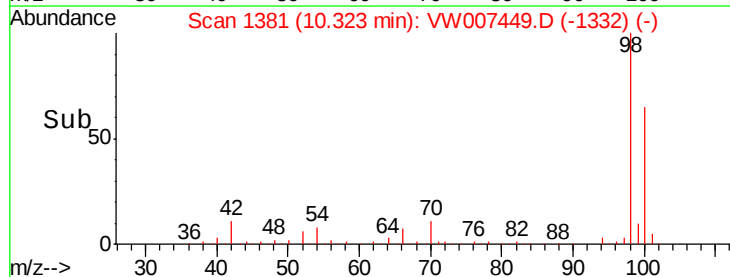
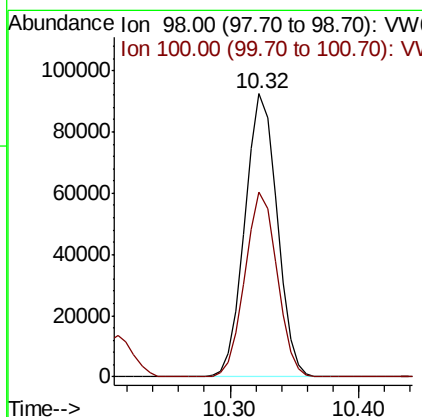
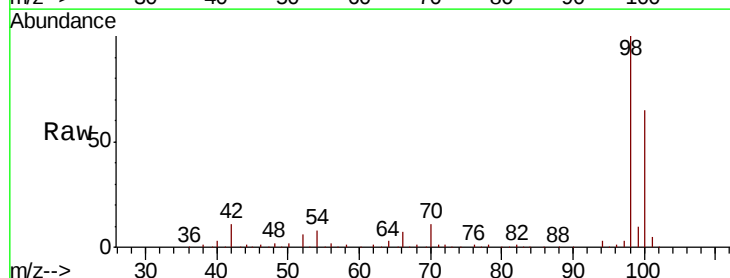
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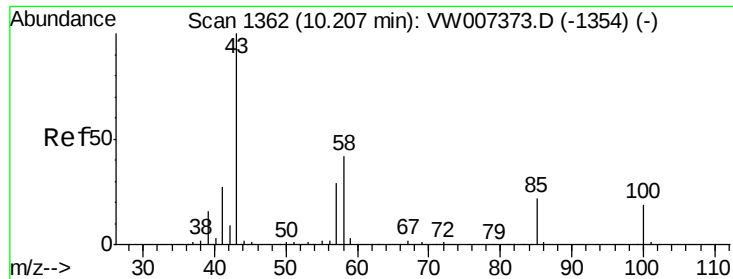
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#50
 Toluene-d8
 Concen: 52.520 ug/l
 RT: 10.32 min Scan# 1381
 Delta R.T. -0.00 min
 Lab File: VW007449.D
 Acq: 12 Dec 2018 20:11

Tgt Ion	98	Resp	160043
Ion Ratio	Lower	Upper	
98	100		
100	64.8	51.8	77.8





#51

4-Methyl-2-Pentanone

Concen: 299.681 ug/l

RT: 10.21 min Scan# 1363

Delta R.T. 0.01 min

Lab File: VW007449.D

Acq: 12 Dec 2018 20:11

Instrument :

MSVOA_W

ClientSampled :

VSTDCCC050

Tot Ion: 43 Resp: 127413

Ion Ratio Lower Upper

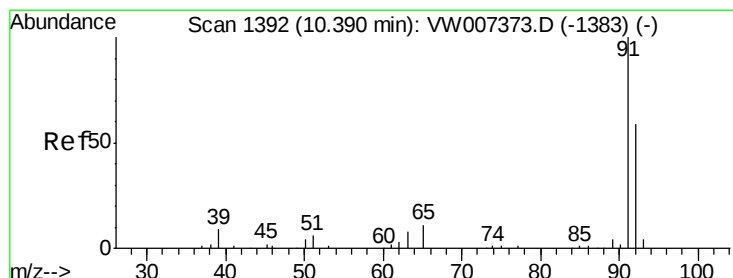
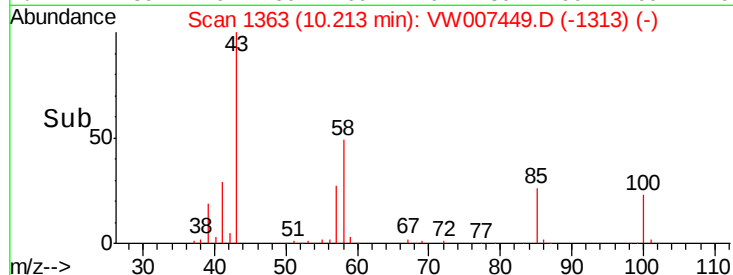
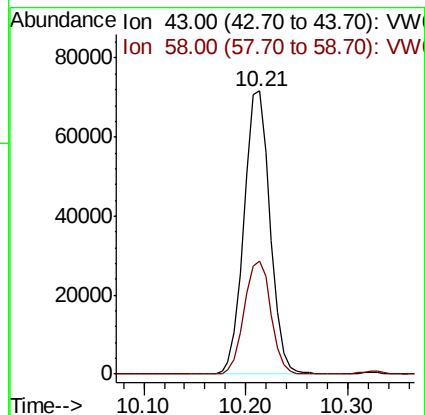
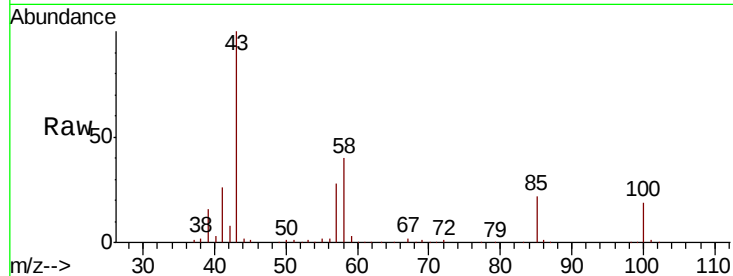
43 100

58 40.8 33.1 49.7

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#52

Toluene

Concen: 53.052 ug/l

RT: 10.39 min Scan# 1392

Delta R.T. -0.00 min

Lab File: VW007449.D

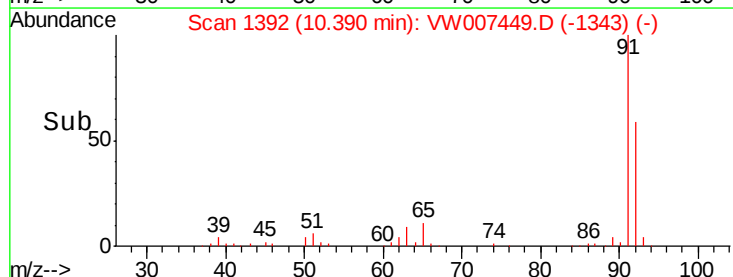
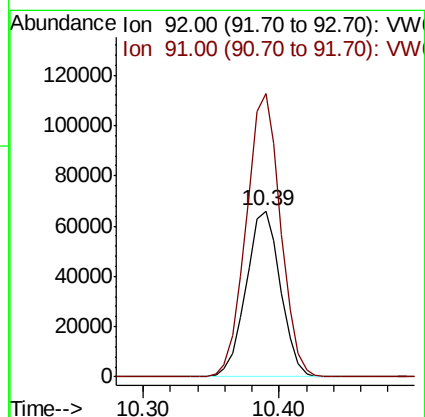
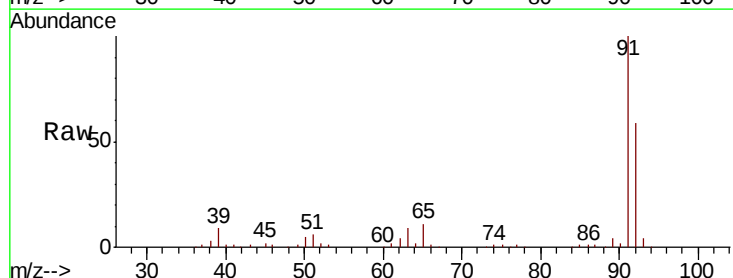
Acq: 12 Dec 2018 20:11

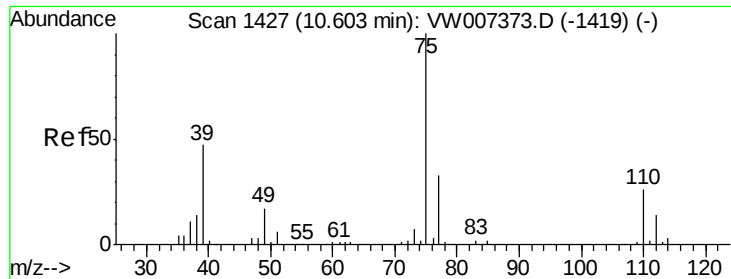
Tgt Ion: 92 Resp: 116693

Ion Ratio Lower Upper

92 100

91 170.3 136.2 204.2





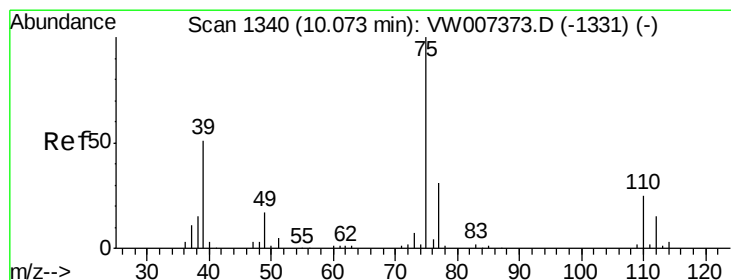
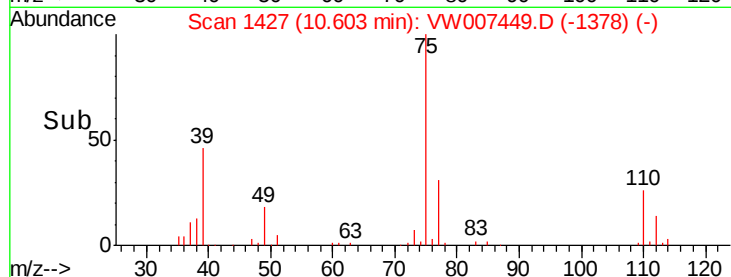
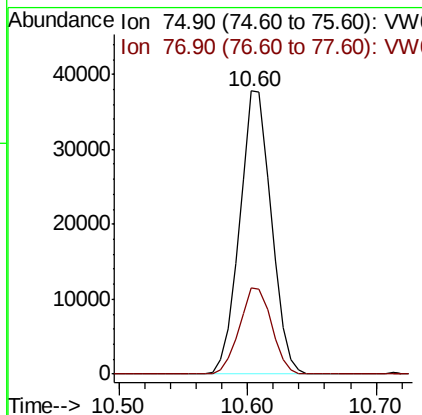
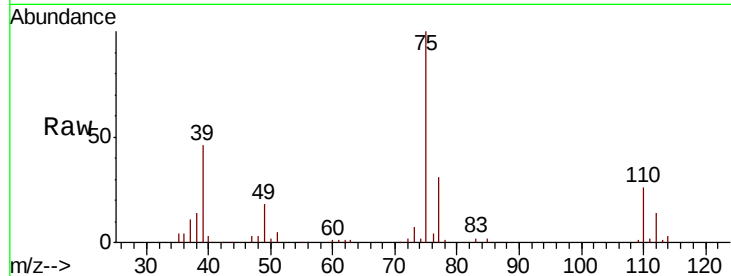
#53
t-1,3-Dichloropropene
Concen: 56.281 ug/l
RT: 10.60 min Scan# 1427
Delta R.T. -0.00 min
Lab File: VW007449.D
Acq: 12 Dec 2018 20:11

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion: 75 Resp: 64016
Ion Ratio Lower Upper
75 100
77 30.6 26.2 39.4

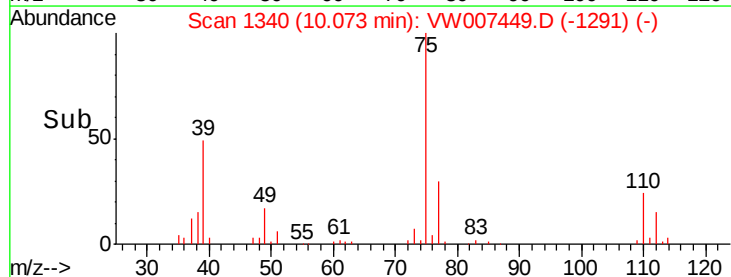
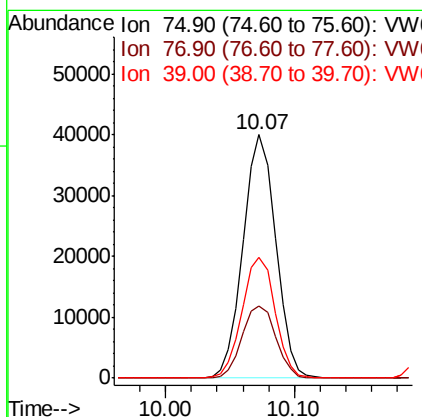
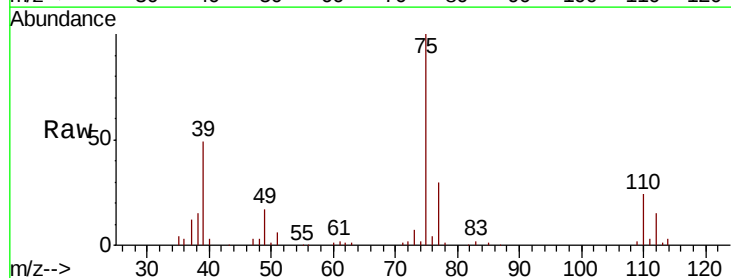
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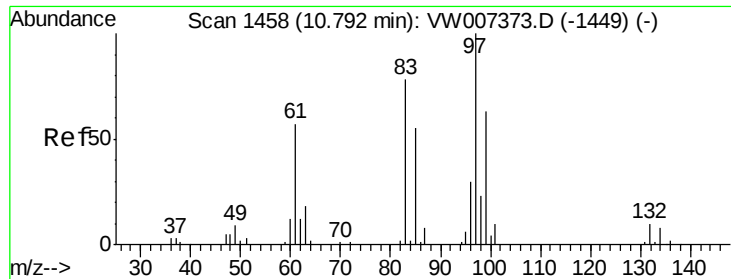
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#54
cis-1,3-Dichloropropene
Concen: 53.441 ug/l
RT: 10.07 min Scan# 1340
Delta R.T. -0.00 min
Lab File: VW007449.D
Acq: 12 Dec 2018 20:11

Tgt Ion: 75 Resp: 70270
Ion Ratio Lower Upper
75 100
77 29.8 24.8 37.2
39 49.4 40.9 61.3





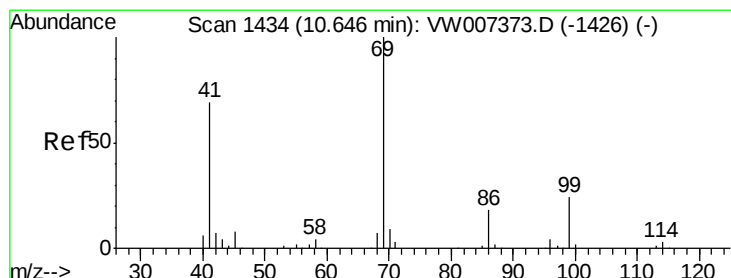
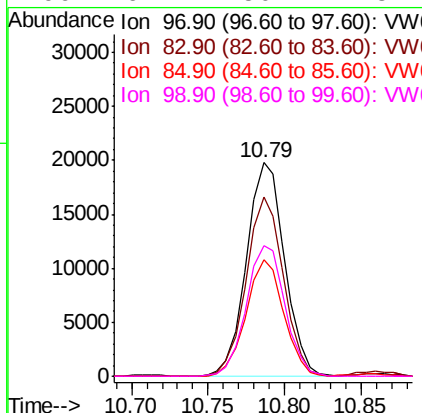
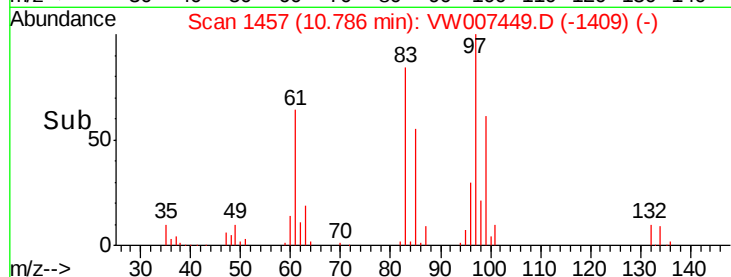
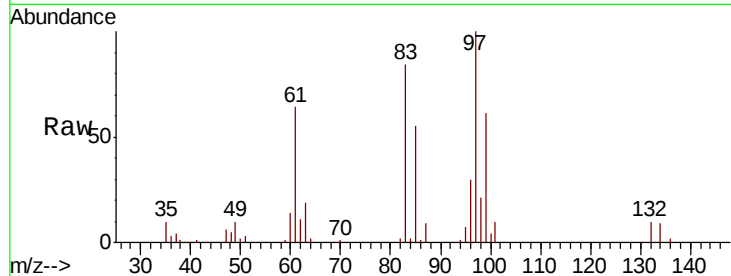
#55
 1,1,2-Trichloroethane
 Concen: 56.460 ug/l
 RT: 10.79 min Scan# 1457
 Delta R.T. -0.01 min
 Lab File: VW007449.D
 Acq: 12 Dec 2018 20:11

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tot Ion:	97	Resp:	34323
Ion	Ratio	Lower	Upper
97	100		
83	84.0	62.1	93.1
85	54.6	44.2	66.4
99	61.2	50.2	75.4

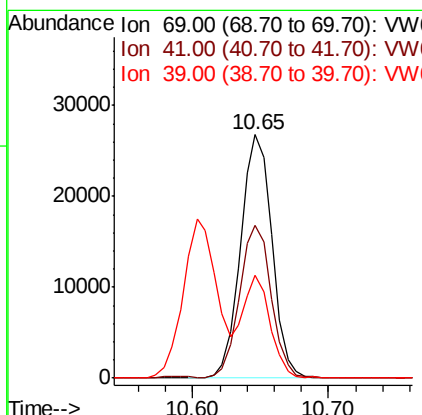
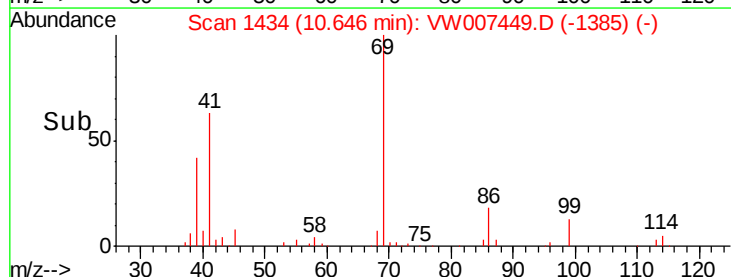
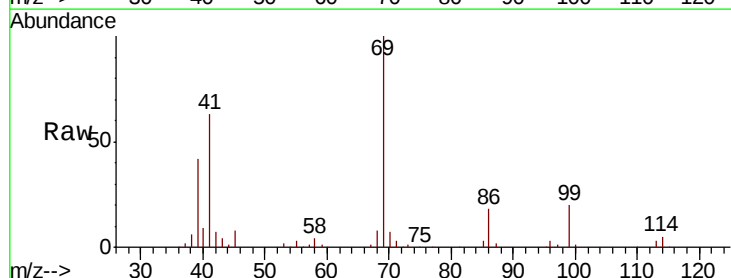
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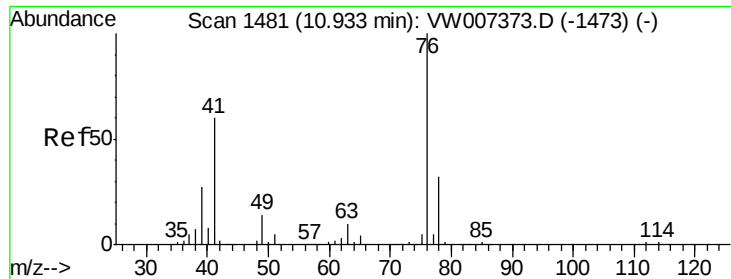
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#56
 Ethyl methacrylate
 Concen: 59.021 ug/l
 RT: 10.65 min Scan# 1434
 Delta R.T. -0.00 min
 Lab File: VW007449.D
 Acq: 12 Dec 2018 20:11

Tgt Ion:	69	Resp:	43126
Ion	Ratio	Lower	Upper
69	100		
41	63.6	51.0	76.6
39	37.5	30.8	46.2





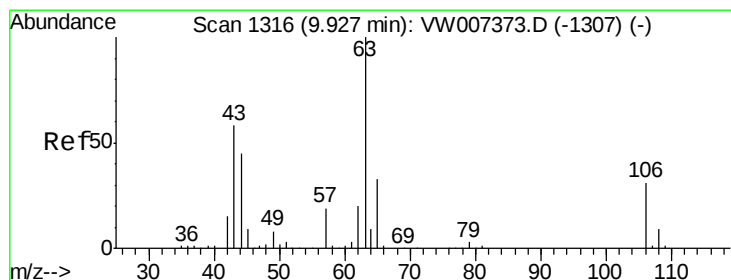
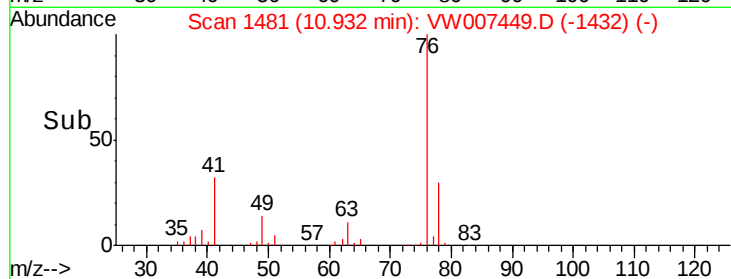
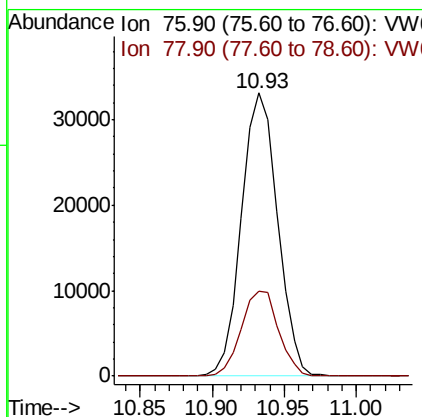
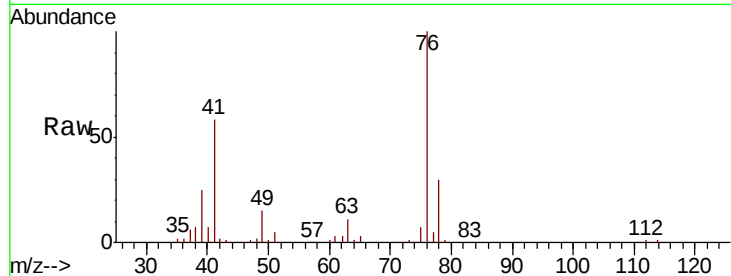
#57
 1,3-Dichloropropane
 Concen: 57.697 ug/l
 RT: 10.93 min Scan# 1481
 Delta R.T. -0.00 min
 Lab File: VW007449.D
 Acq: 12 Dec 2018 20:11

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tot Ion: 76 Resp: 57571
 Ion Ratio Lower Upper
 76 100
 78 31.2 26.2 39.4

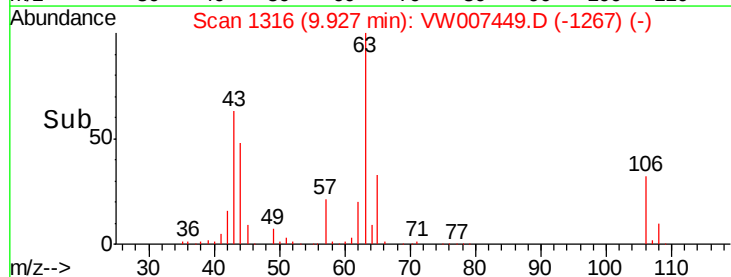
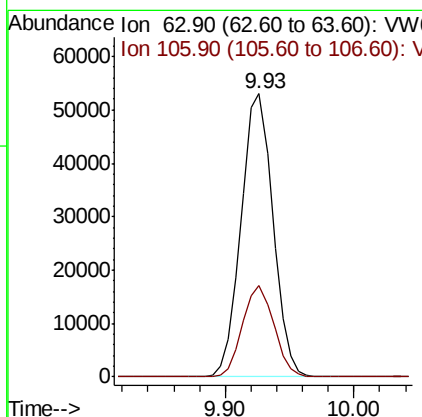
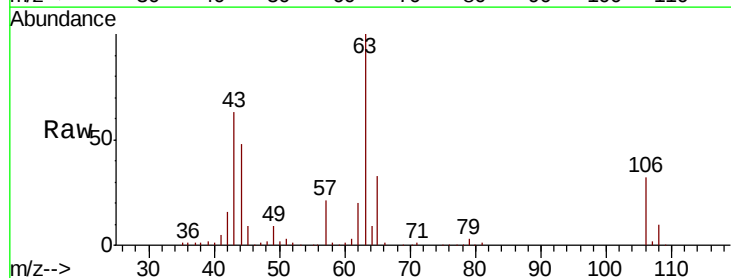
Manual Integrations
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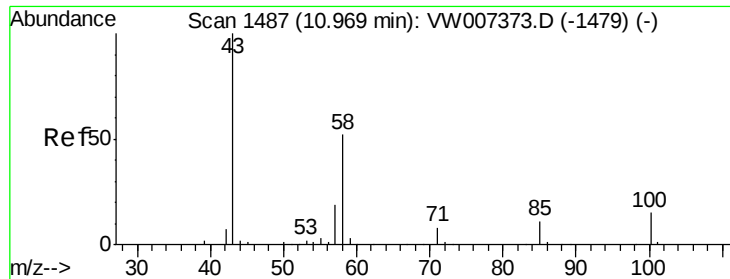
apater
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#58
 2-Chloroethyl Vinyl ether
 Concen: 270.049 ug/l
 RT: 9.93 min Scan# 1316
 Delta R.T. -0.00 min
 Lab File: VW007449.D
 Acq: 12 Dec 2018 20:11

Tgt Ion: 63 Resp: 90995
 Ion Ratio Lower Upper
 63 100
 106 31.8 25.0 37.6





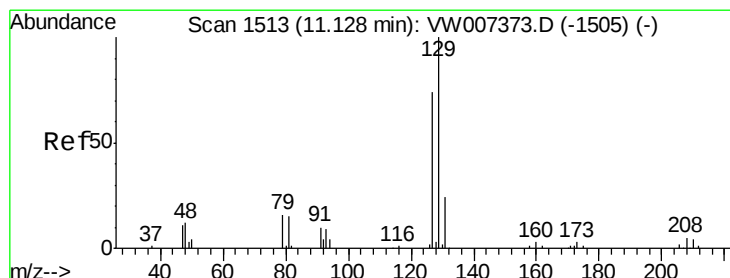
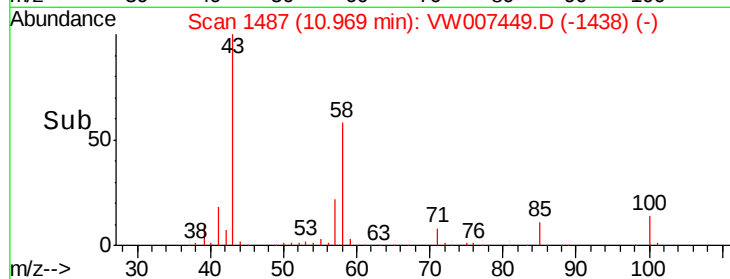
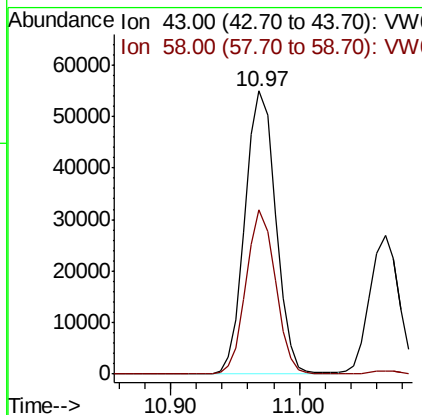
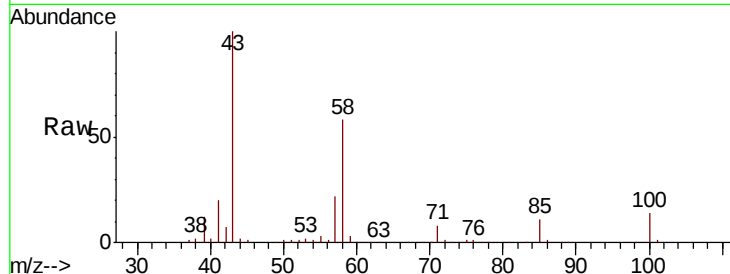
#59
2-Hexanone
Concen: 319.886 ug/l
RT: 10.97 min Scan# 1487
Delta R.T. -0.00 min
Lab File: VW007449.D
Acq: 12 Dec 2018 20:11

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion: 43 Resp: 90687
Ion Ratio Lower Upper
43 100
58 55.4 27.1 81.3

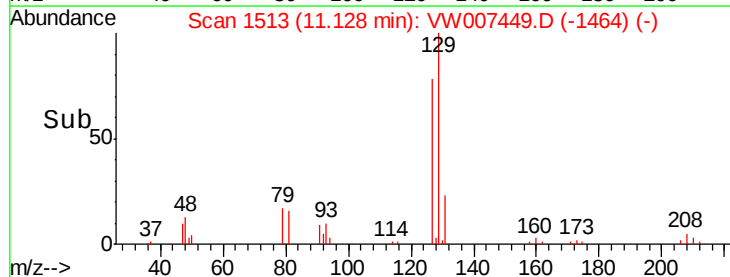
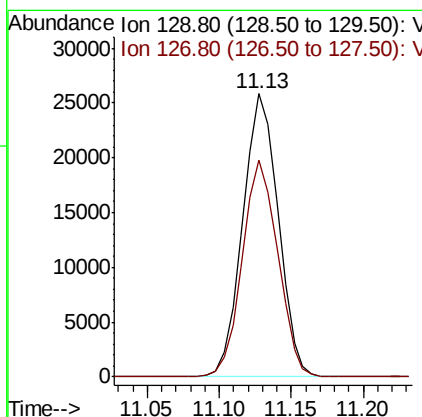
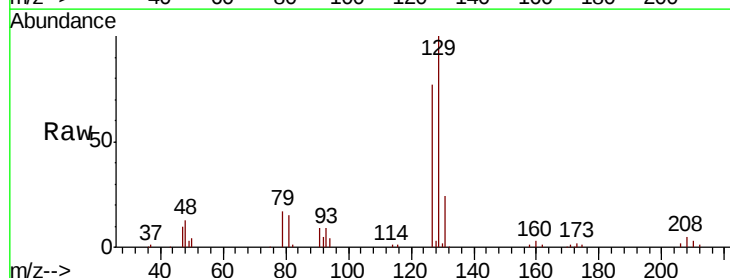
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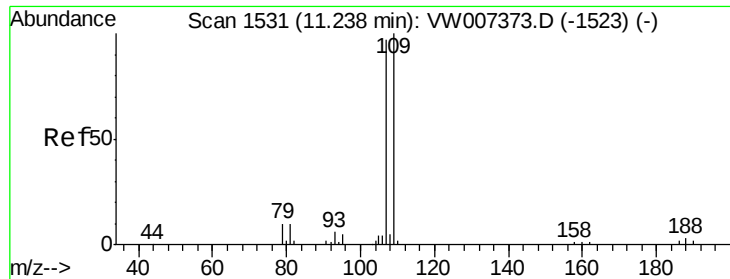
apater
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#60
Dibromochloromethane
Concen: 57.471 ug/l
RT: 11.13 min Scan# 1513
Delta R.T. -0.00 min
Lab File: VW007449.D
Acq: 12 Dec 2018 20:11

Tgt Ion: 129 Resp: 44091
Ion Ratio Lower Upper
129 100
127 76.9 38.1 114.3





#61

1,2-Dibromoethane

Concen: 57.169 ug/l

RT: 11.24 min Scan# 1531

Delta R.T. -0.00 min

Lab File: VW007449.D

Acq: 12 Dec 2018 20:11

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tot Ion:107 Resp: 34345

Ion Ratio Lower Upper

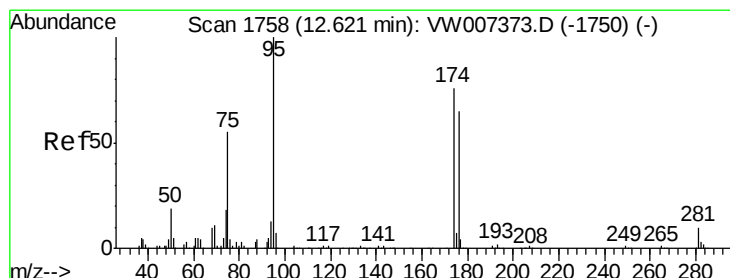
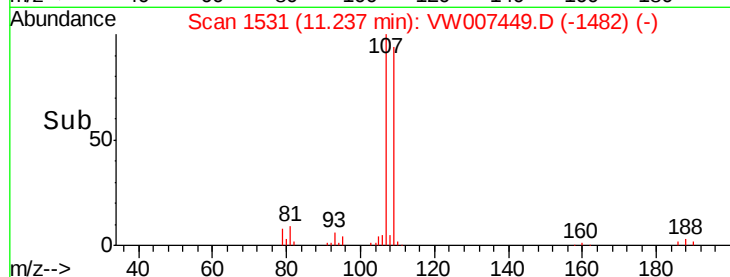
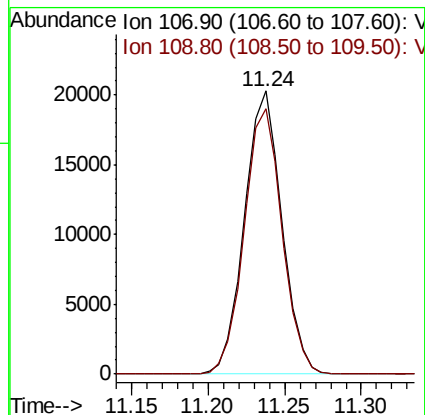
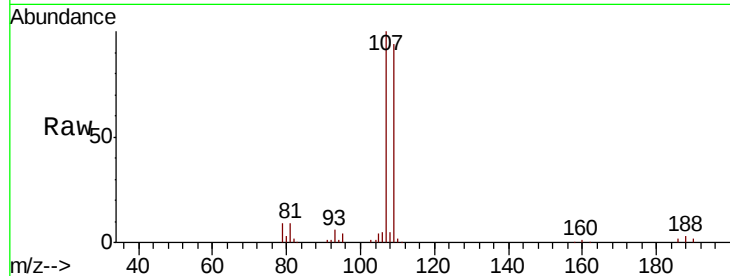
107 100

109 95.1 79.1 118.7

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12/13/2018 4:39:40 PM



#62

4-Bromofluorobenzene

Concen: 54.432 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.00 min

Lab File: VW007449.D

Acq: 12 Dec 2018 20:11

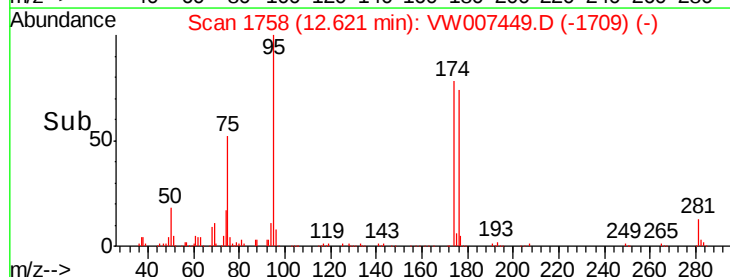
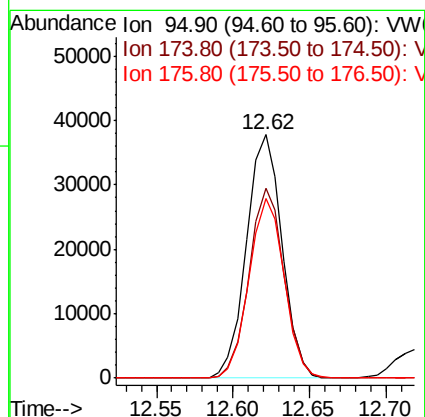
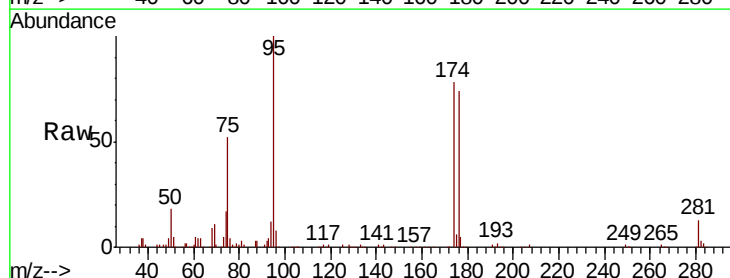
Tgt Ion: 95 Resp: 60986

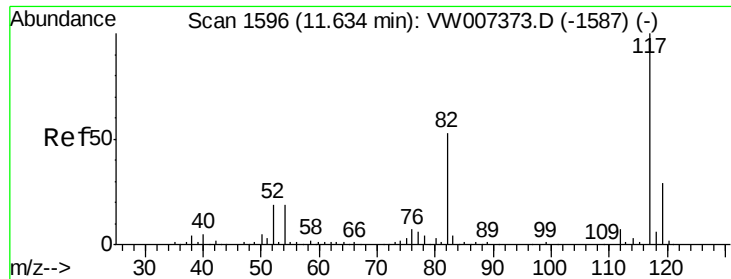
Ion Ratio Lower Upper

95 100

174 76.7 0.0 147.2

176 73.2 0.0 138.8





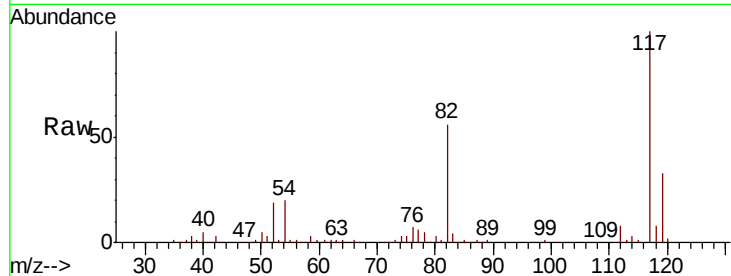
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW007449.D
Acq: 12 Dec 2018 20:11

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
117	100		
82	56.0	42.3	63.5
119	32.6	23.0	34.6

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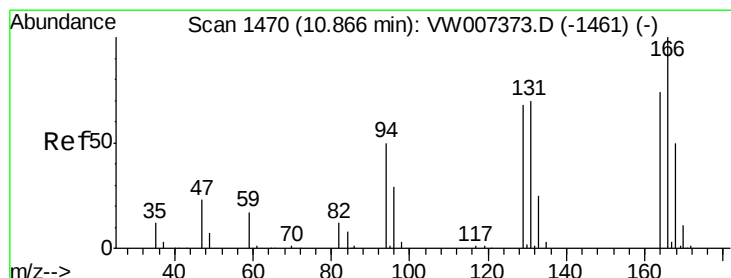
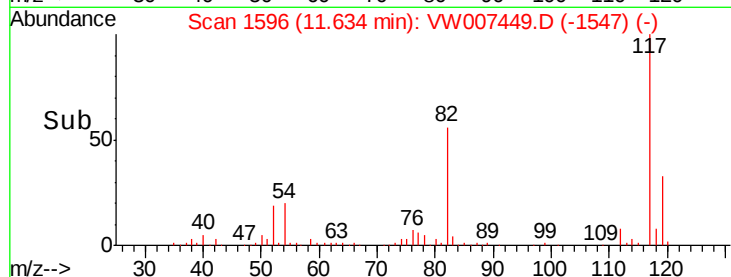
Abundance

Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): V

Ion 118.90 (118.60 to 119.60): V

Time-->



#64
Tetrachloroethene
Concen: 48.839 ug/l
RT: 10.86 min Scan# 1469
Delta R.T. -0.01 min
Lab File: VW007449.D
Acq: 12 Dec 2018 20:11

Tgt Ion	Ratio	Lower	Upper
164	100		
166	129.1	107.9	161.9
129	107.3	73.4	110.2
131	95.9	75.8	113.6

Abundance

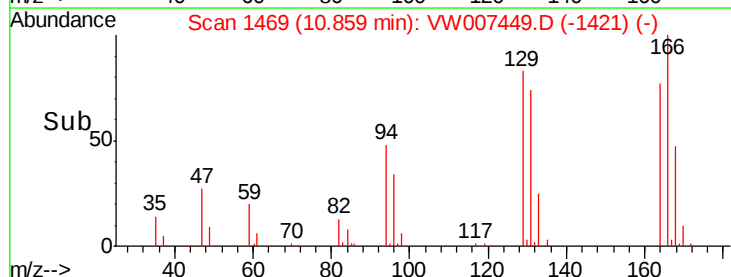
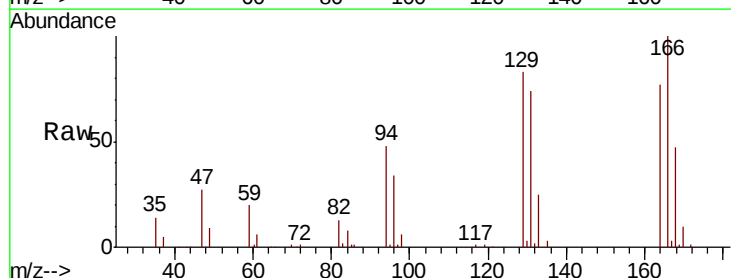
Ion 163.80 (163.50 to 164.50): V

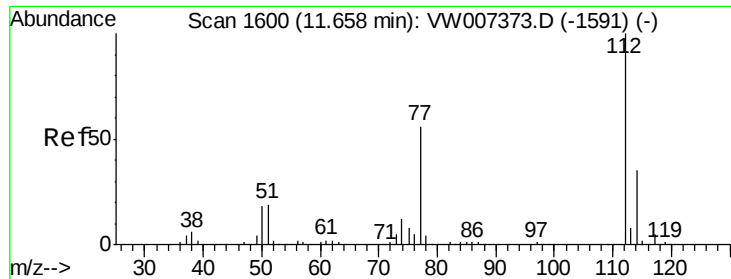
Ion 165.80 (165.50 to 166.50): V

Ion 128.80 (128.50 to 129.50): V

Ion 130.80 (130.50 to 131.50): V

Time-->





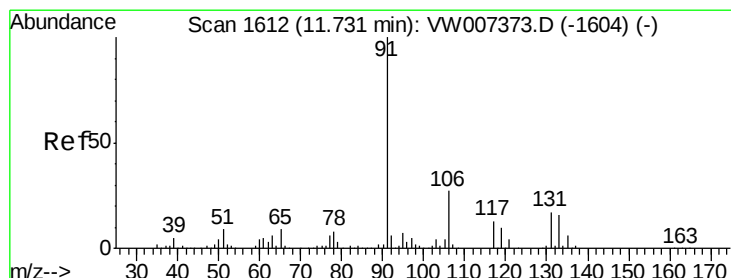
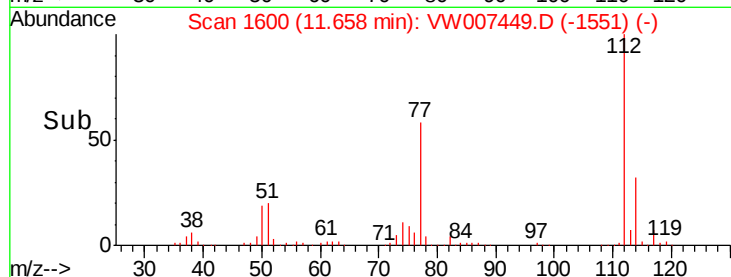
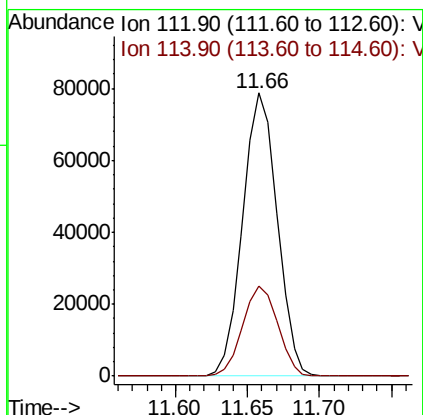
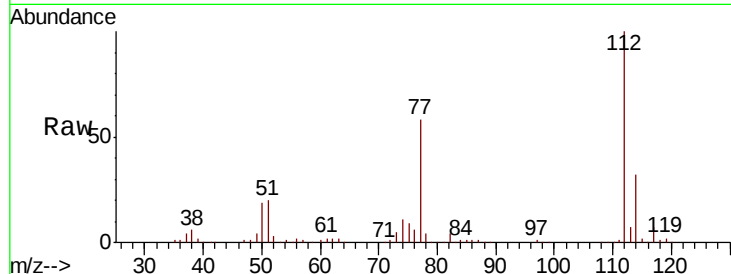
#65
Chlorobenzene
Concen: 51.764 ug/l
RT: 11.66 min Scan# 1600
Delta R.T. -0.00 min
Lab File: VW007449.D
Acq: 12 Dec 2018 20:11

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
112	100		
114	32.0	27.8	41.8

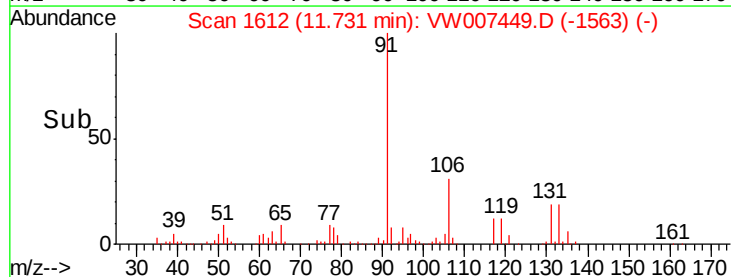
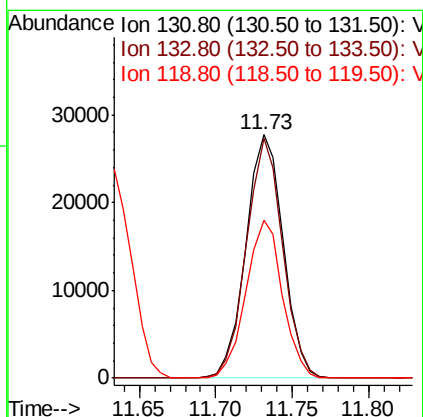
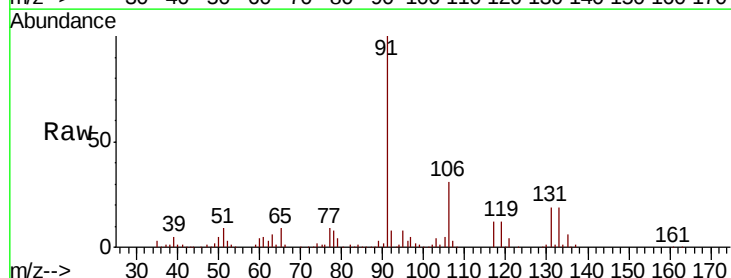
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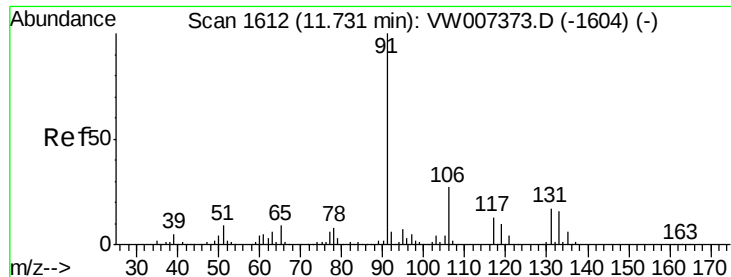
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#66
1,1,1,2-Tetrachloroethane
Concen: 52.756 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. -0.00 min
Lab File: VW007449.D
Acq: 12 Dec 2018 20:11

Tgt Ion	Ratio	Lower	Upper
131	100		
133	95.8	47.1	141.4
119	63.4	31.3	93.9



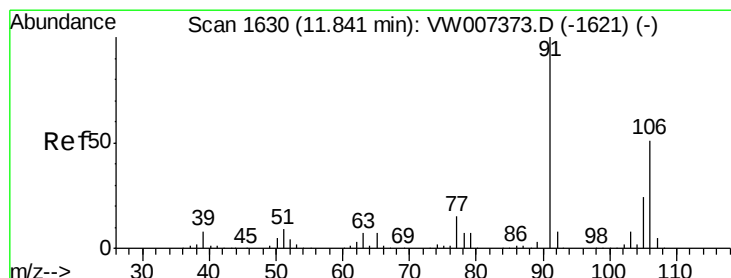
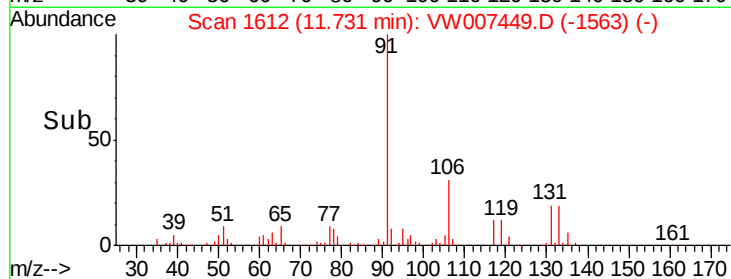
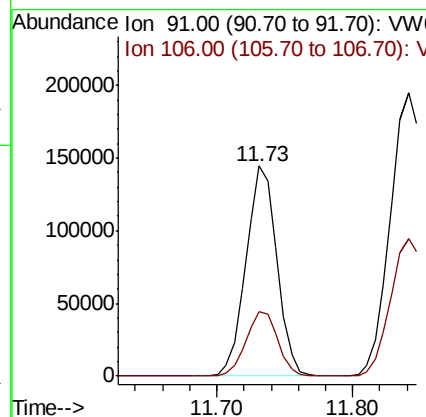
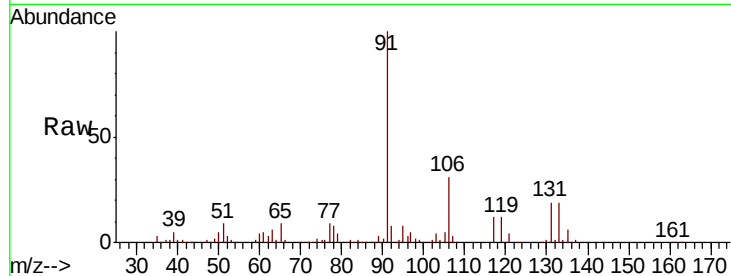


#67
Ethyl Benzene
Concen: 52.744 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. -0.00 min
Lab File: VW007449.D
Acq: 12 Dec 2018 20:11

Instrument :
MSVOA_W
ClientSampled :
VSTDCCC050

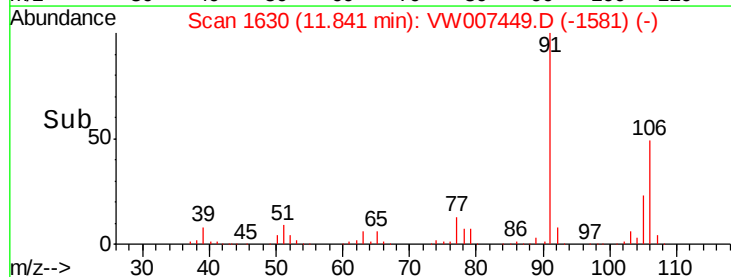
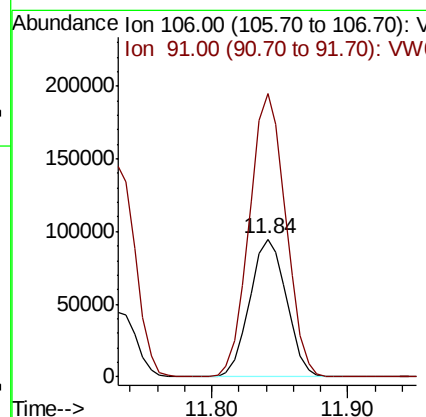
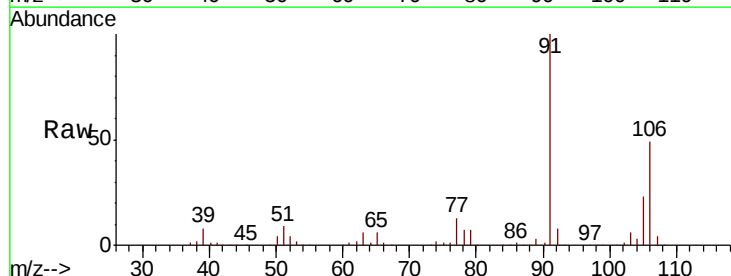
Tot Ion: 91 Resp: 229716
Ion Ratio Lower Upper
91 100
106 30.8 21.8 32.8

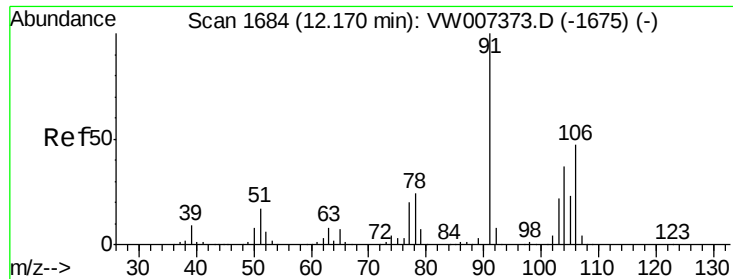
Manual Integrations
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#68
m/p-Xylenes
Concen: 105.754 ug/l
RT: 11.84 min Scan# 1630
Delta R.T. -0.00 min
Lab File: VW007449.D
Acq: 12 Dec 2018 20:11

Tgt Ion: 106 Resp: 179060
Ion Ratio Lower Upper
106 100
91 203.8 165.3 247.9



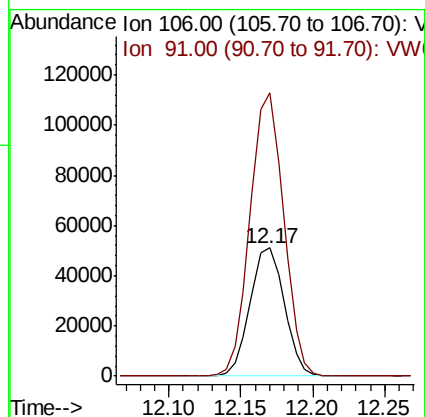
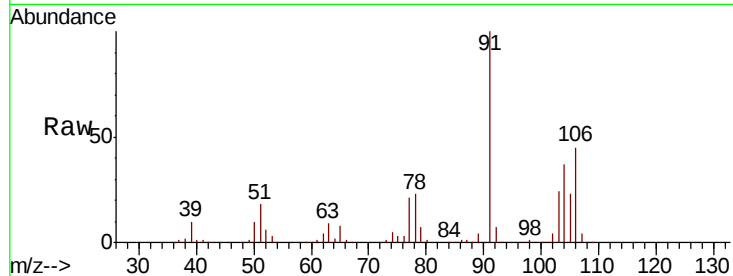


#69
o-Xylene
Concen: 53.410 ug/l
RT: 12.17 min Scan# 1684
Delta R.T. -0.00 min
Lab File: VW007449.D
Acq: 12 Dec 2018 20:11

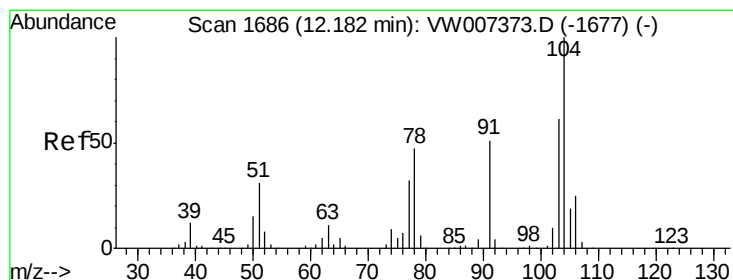
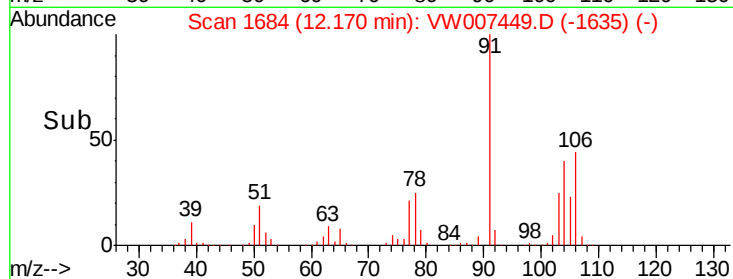
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion:106 Resp: 84457
Ion Ratio Lower Upper
106 100
91 215.9 106.6 319.8

Manual Integrations
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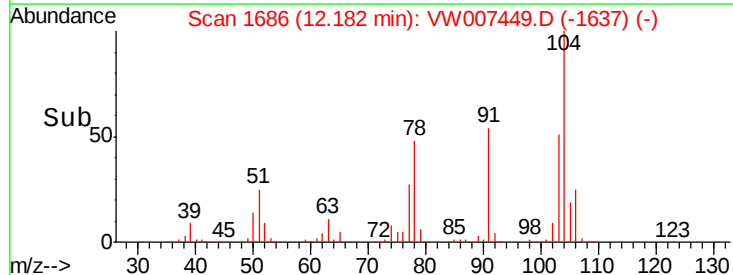
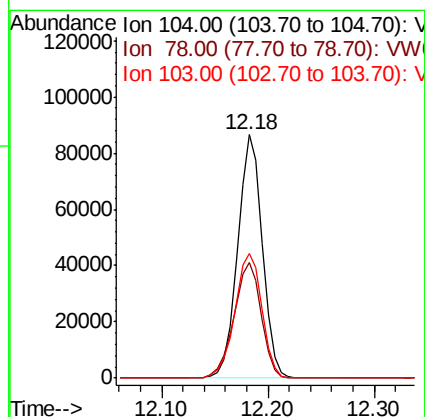
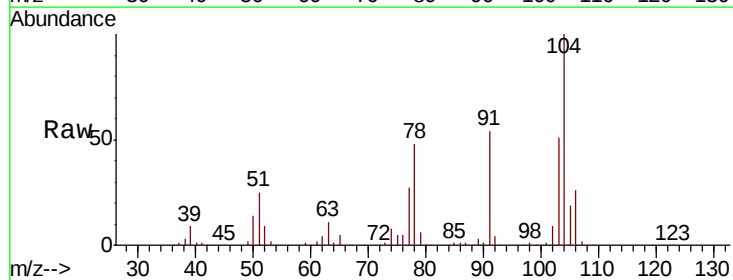


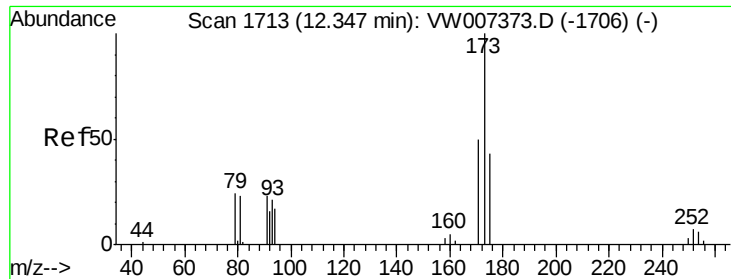
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#70
Styrene
Concen: 54.831 ug/l
RT: 12.18 min Scan# 1686
Delta R.T. -0.00 min
Lab File: VW007449.D
Acq: 12 Dec 2018 20:11

Tgt Ion:104 Resp: 140045
Ion Ratio Lower Upper
104 100
78 52.5 41.8 62.8
103 56.3 46.6 69.8





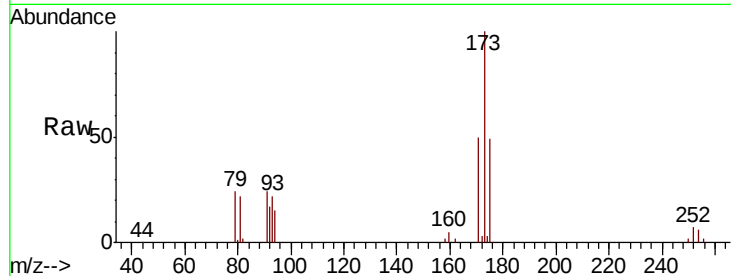
#71
Bromoform
Concen: 55.298 ug/l
RT: 12.35 min Scan# 1713
Delta R.T. -0.00 min
Lab File: VW007449.D
Acq: 12 Dec 2018 20:11

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
173	100		
175	48.6	23.6	70.8
254	0.0	0.0	0.0

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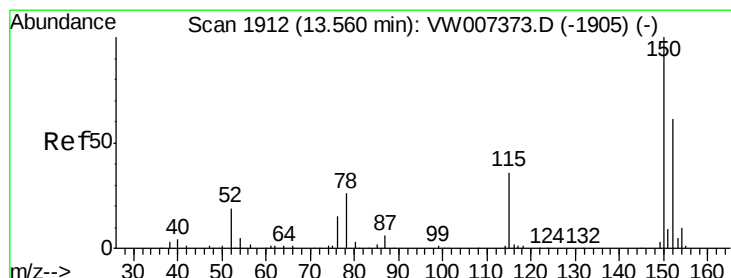
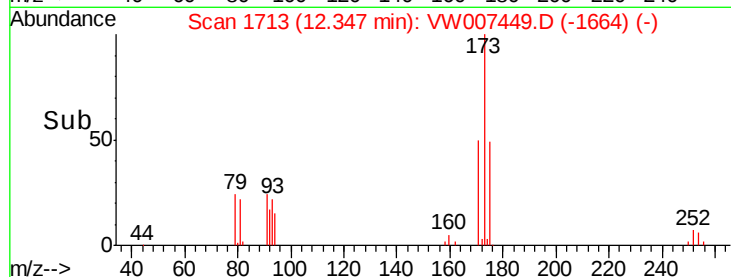
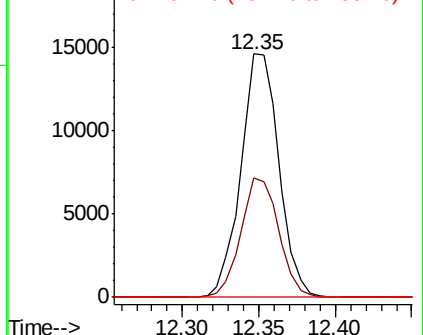


Abundance

Ion 172.70 (172.40 to 173.40): V

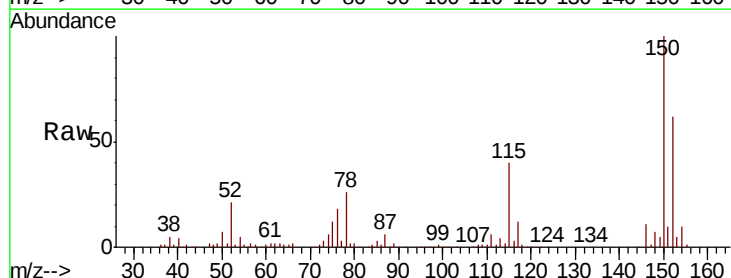
Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. -0.00 min
Lab File: VW007449.D
Acq: 12 Dec 2018 20:11

Tgt Ion	Ratio	Lower	Upper
152	100		
115	62.6	31.4	94.2
150	173.6	0.0	358.4

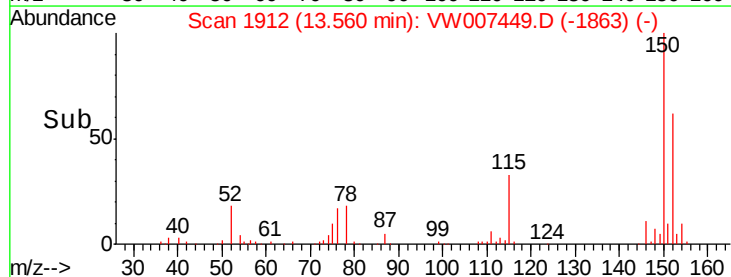
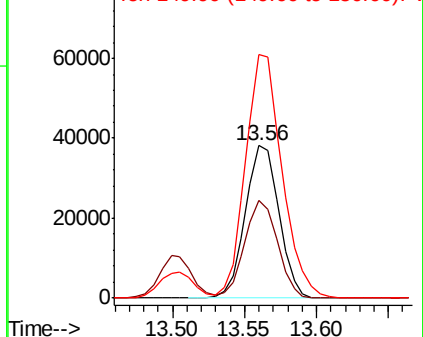


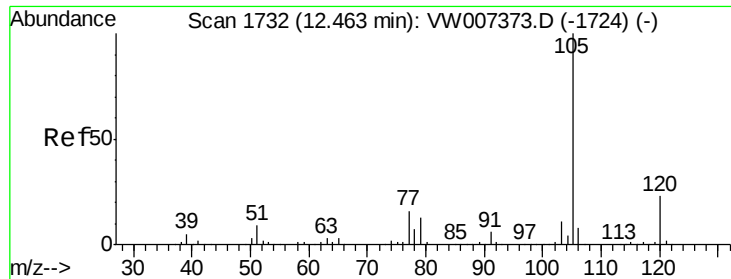
Abundance

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: 49.973 ug/l

RT: 12.47 min Scan# 1733

Delta R.T. 0.01 min

Lab File: VW007449.D

Acq: 12 Dec 2018 20:11

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

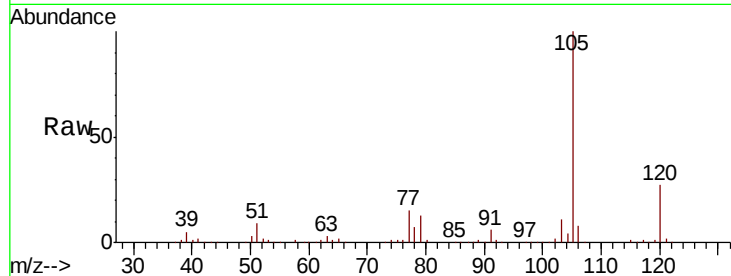
Tot Ion:105 Resp: 235623

Ion Ratio Lower Upper

105 100

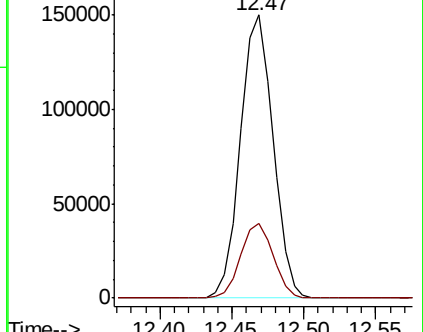
120 26.4 12.8 38.4

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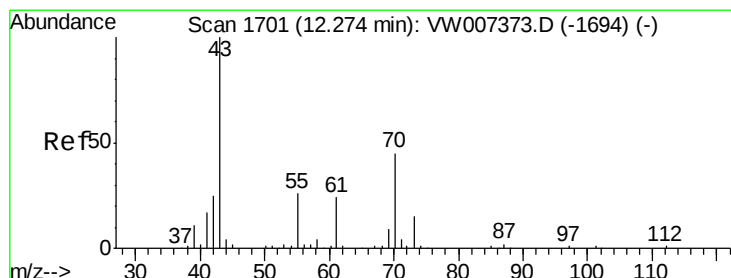
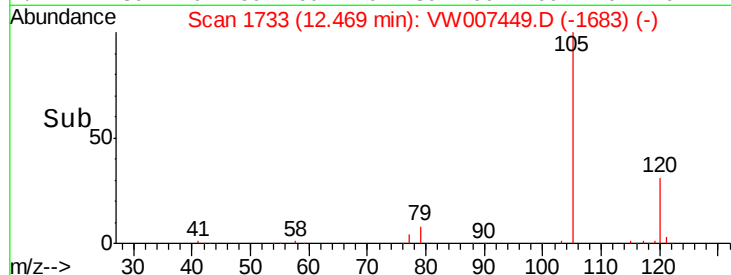
Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



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#74

N-ethyl acetate

Concen: 54.734 ug/l

RT: 12.27 min Scan# 1701

Delta R.T. -0.00 min

Lab File: VW007449.D

Acq: 12 Dec 2018 20:11

Tgt Ion: 43 Resp: 46902

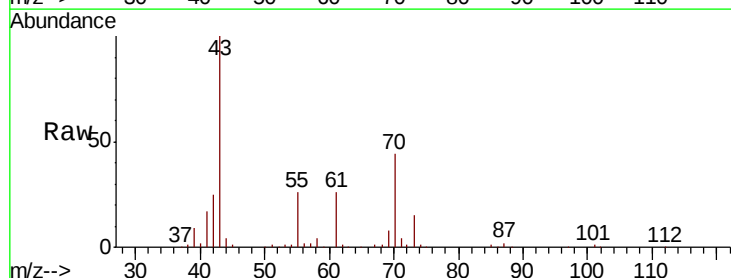
Ion Ratio Lower Upper

43 100

70 45.0 36.5 54.7

55 26.1 20.1 30.1

61 26.1 19.3 28.9

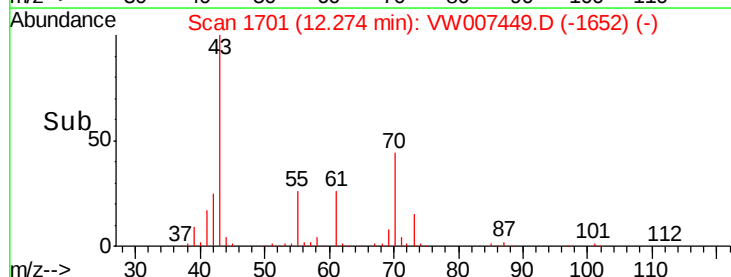
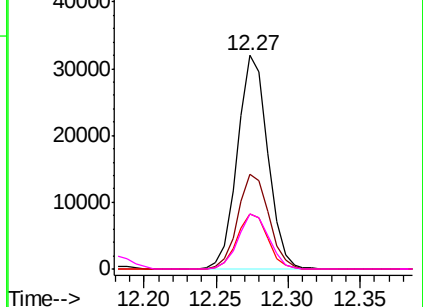


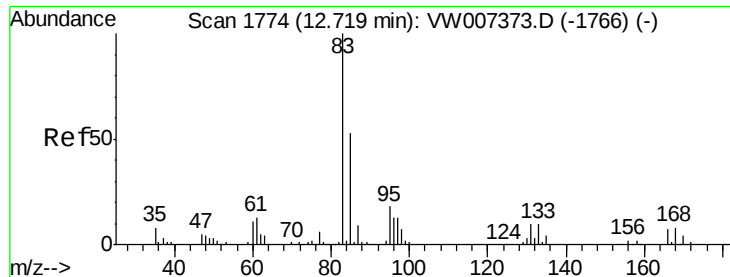
Abundance Ion 43.00 (42.70 to 43.70): VW

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: 55.348 ug/l

RT: 12.72 min Scan# 1774

Delta R.T. -0.00 min

Lab File: VW007449.D

Acq: 12 Dec 2018 20:11

Instrument :

MSVOA_W

ClientSampleId :

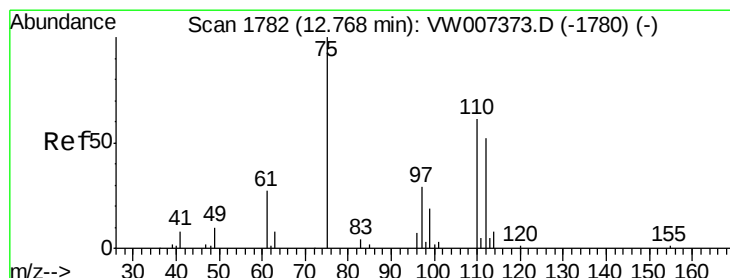
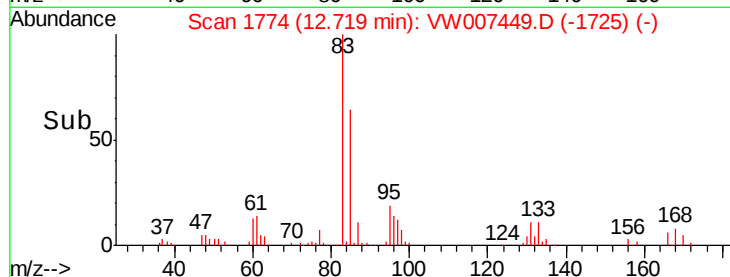
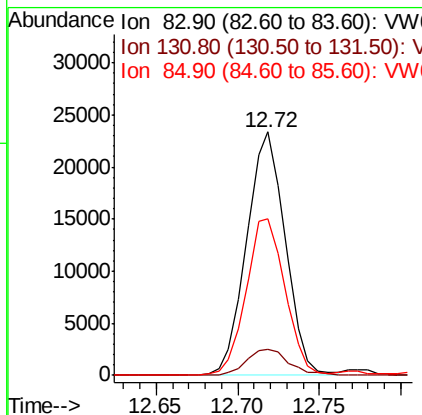
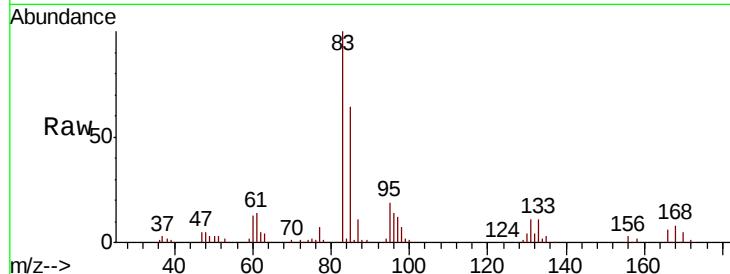
VSTDCCC050

Tot Ion:	83	Resp:	38652
Ion Ratio	Lower	Upper	
83	100		
131	12.1	5.9	17.8
85	64.7	30.0	90.0

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#76

1,2,3-Trichloropropane

Concen: 48.052 ug/l m

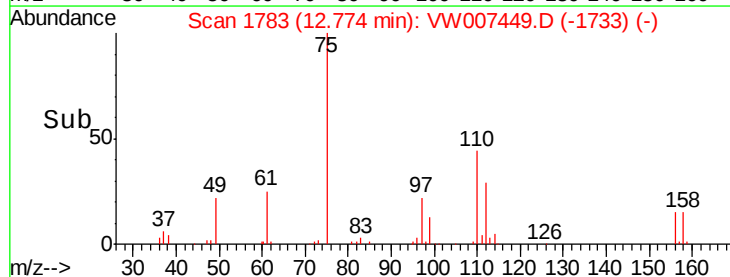
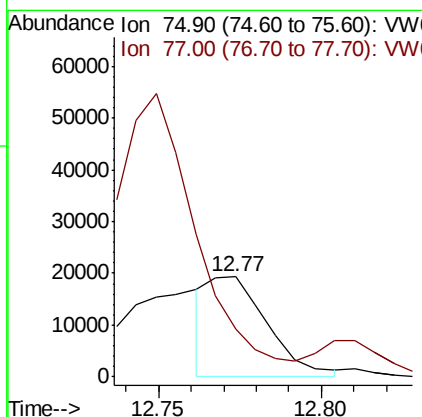
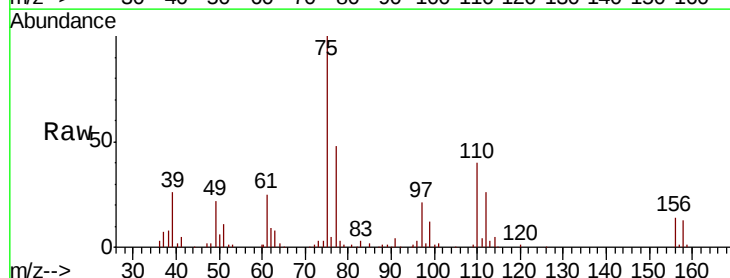
RT: 12.77 min Scan# 1783

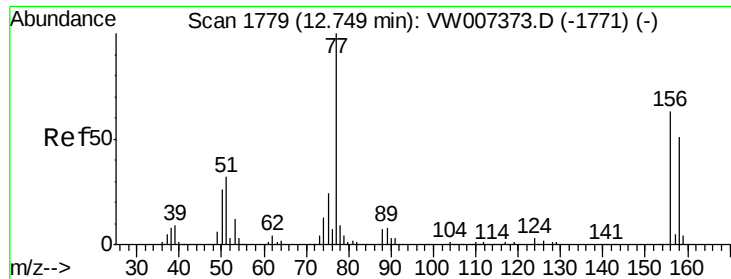
Delta R.T. 0.01 min

Lab File: VW007449.D

Acq: 12 Dec 2018 20:11

Tgt Ion:	75	Resp:	24380
Ion Ratio	Lower	Upper	
75	100		
77	0.0	166.9	500.8#





#77

Bromobenzene

Concen: 51.465 ug/l

RT: 12.75 min Scan# 1779

Delta R.T. -0.00 min

Lab File: VW007449.D

Acq: 12 Dec 2018 20:11

Instrument :

MSVOA_W

ClientSampleId :

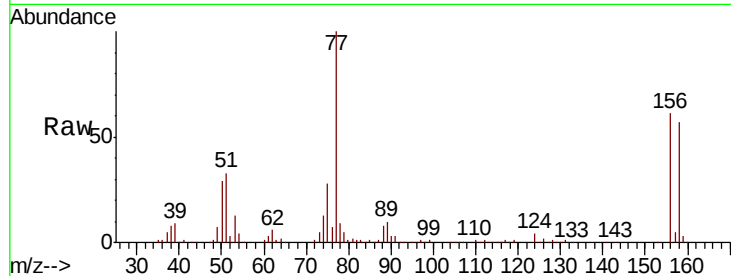
VSTDCCC050

Tot Ion:	156	Resp:	53787
Ion	Ratio	Lower	Upper
156	100		
77	184.5	88.1	264.4
158	95.3	45.6	136.7

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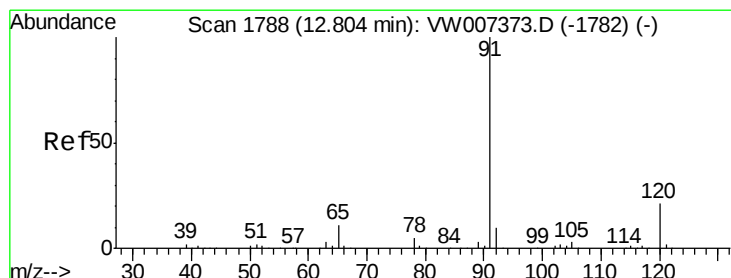
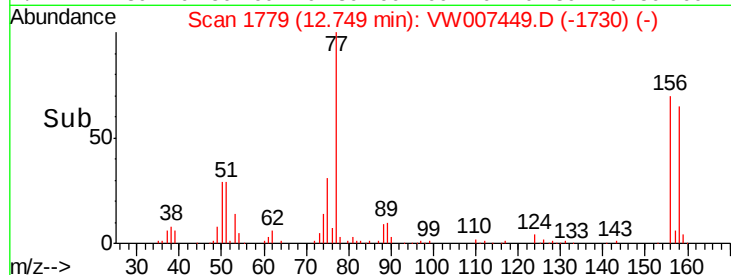
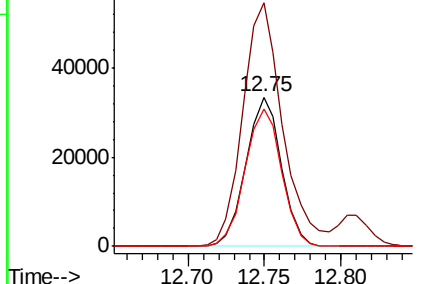
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Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VW

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 52.080 ug/l

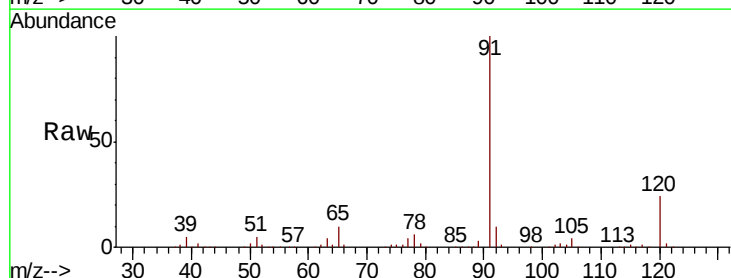
RT: 12.81 min Scan# 1789

Delta R.T. 0.01 min

Lab File: VW007449.D

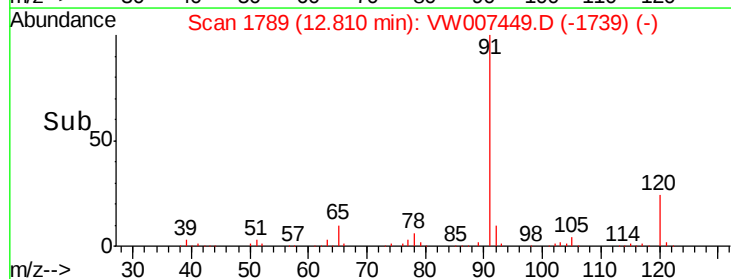
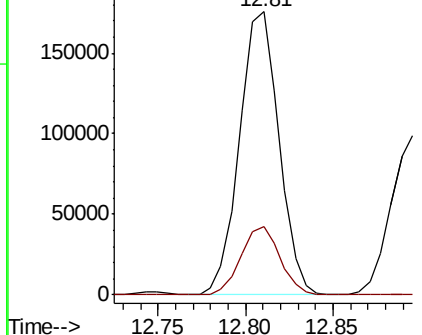
Acq: 12 Dec 2018 20:11

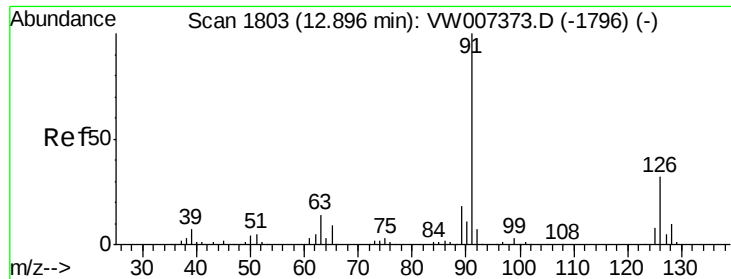
Tgt Ion:	91	Resp:	276351
Ion	Ratio	Lower	Upper
91	100		
120	23.7	11.9	35.5



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 49.828 ug/l

RT: 12.90 min Scan# 1803

Delta R.T. -0.00 min

Lab File: VW007449.D

Acq: 12 Dec 2018 20:11

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

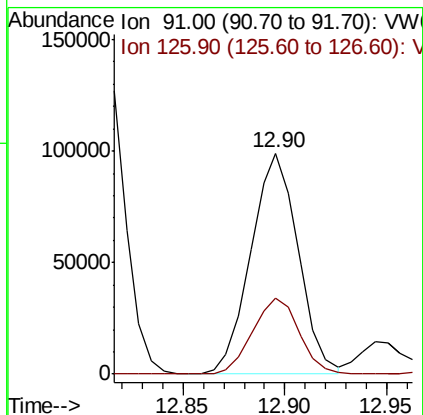
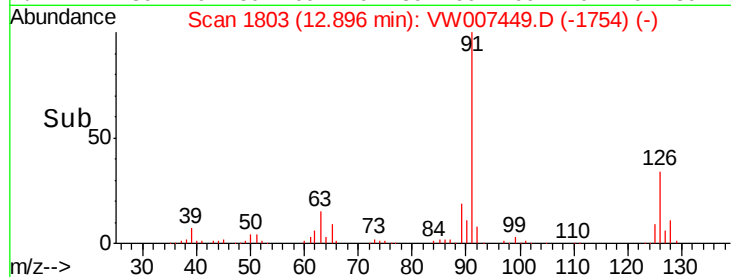
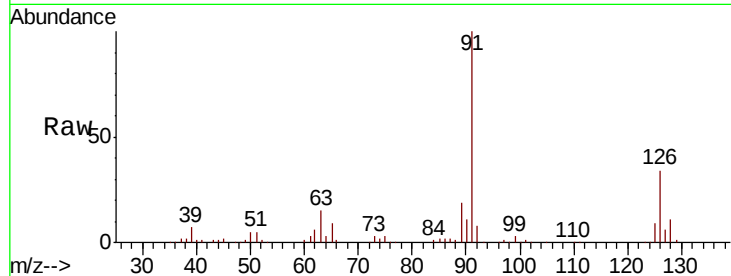
Tot Ion: 91 Resp: 159982

Ion Ratio Lower Upper

91 100

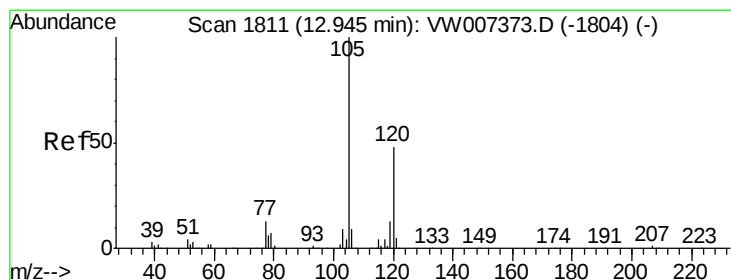
126 34.0 15.9 47.6

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#80

1,3,5-Trimethylbenzene

Concen: 51.200 ug/l

RT: 12.94 min Scan# 1811

Delta R.T. -0.00 min

Lab File: VW007449.D

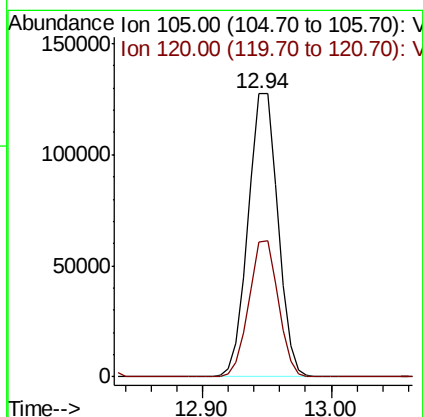
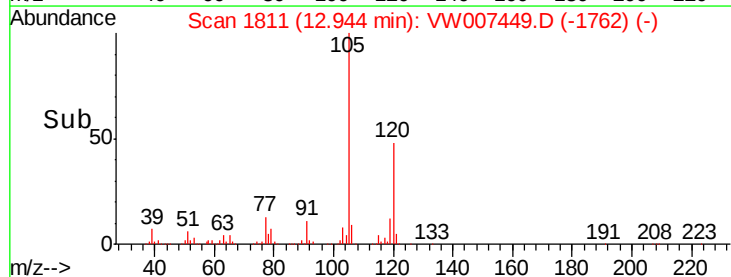
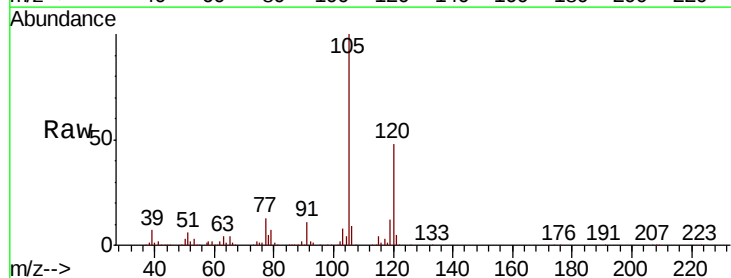
Acq: 12 Dec 2018 20:11

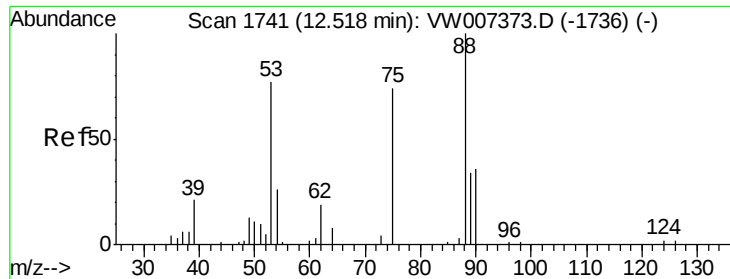
Tgt Ion:105 Resp: 202842

Ion Ratio Lower Upper

105 100

120 47.5 23.8 71.4





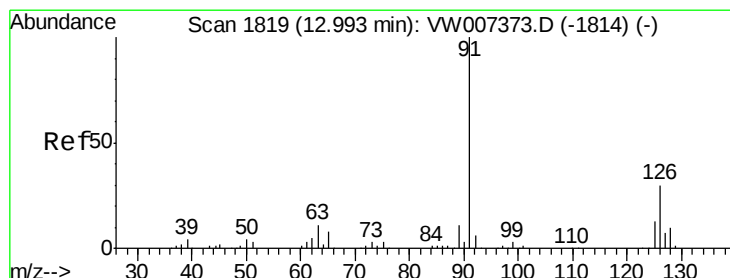
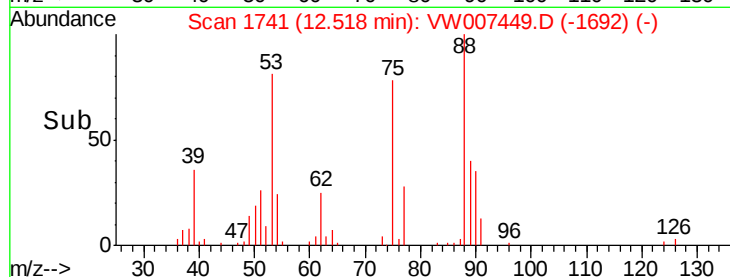
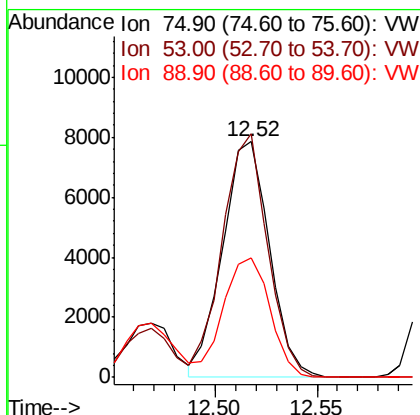
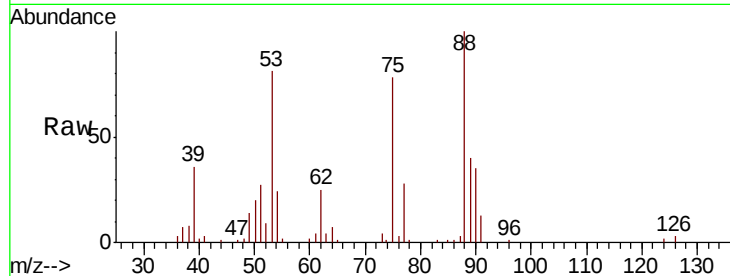
#81
trans-1,4-Dichloro-2-butene
Concen: 54.524 ug/l
RT: 12.52 min Scan# 1741
Delta R.T. -0.00 min
Lab File: VW007449.D
Acq: 12 Dec 2018 20:11

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
75	100		
53	99.5	84.9	127.3
89	51.0	40.3	60.5

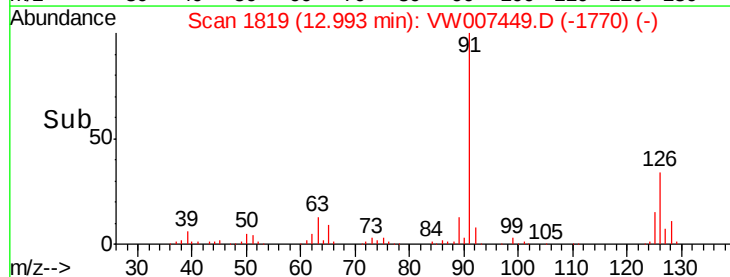
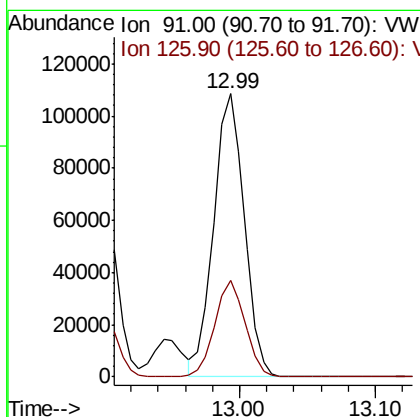
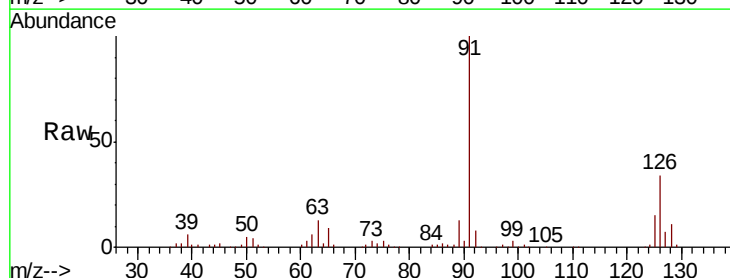
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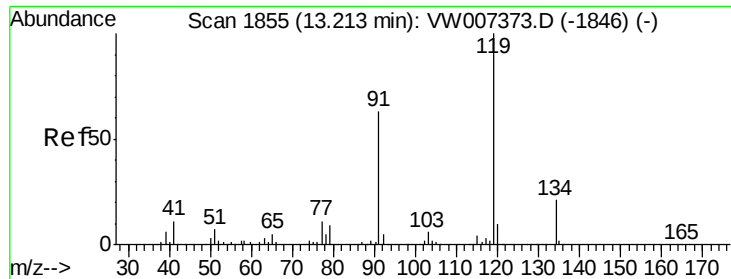
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#82
4-Chlorotoluene
Concen: 49.948 ug/l
RT: 12.99 min Scan# 1819
Delta R.T. -0.00 min
Lab File: VW007449.D
Acq: 12 Dec 2018 20:11

Tgt Ion	Ratio	Lower	Upper
91	100		
126	33.9	16.0	48.0





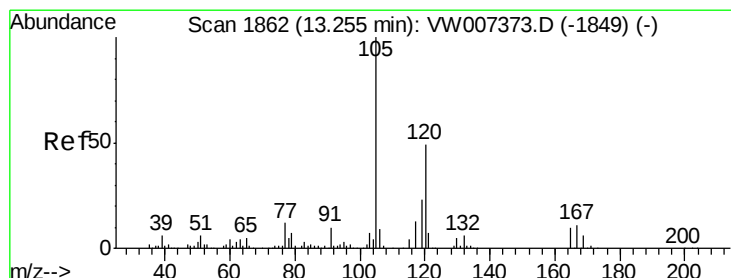
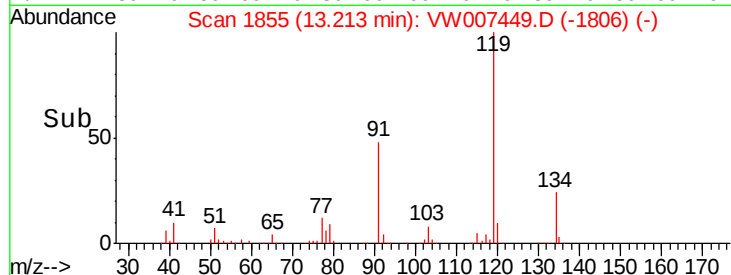
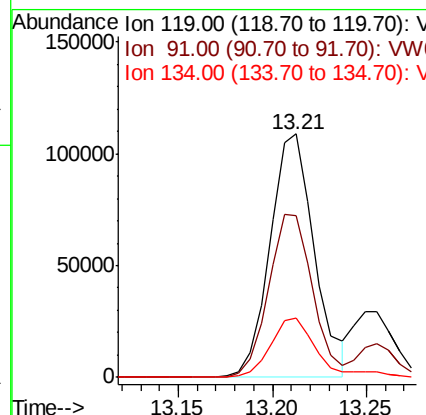
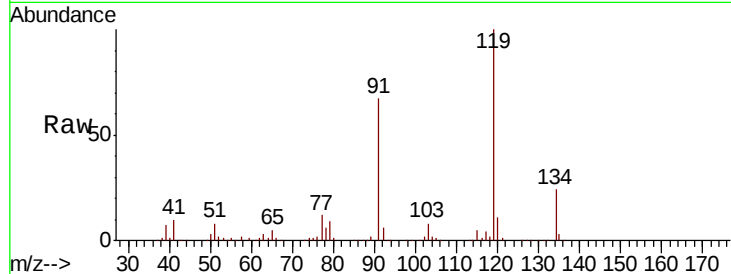
#83
tert-Butylbenzene
Concen: 50.840 ug/l
RT: 13.21 min Scan# 1855
Delta R.T. -0.00 min
Lab File: VW007449.D
Acq: 12 Dec 2018 20:11

Instrument :
MSVOA_W
ClientSampled :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
119	100		
91	66.5	33.1	99.2
134	25.8	12.5	37.5

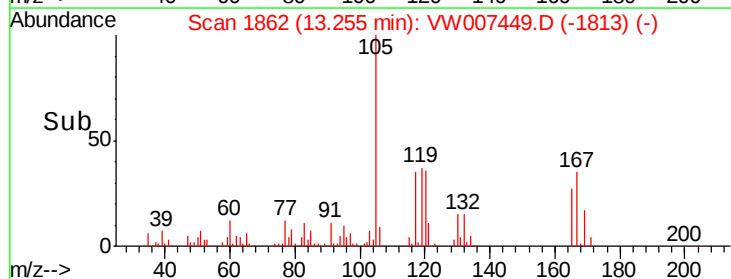
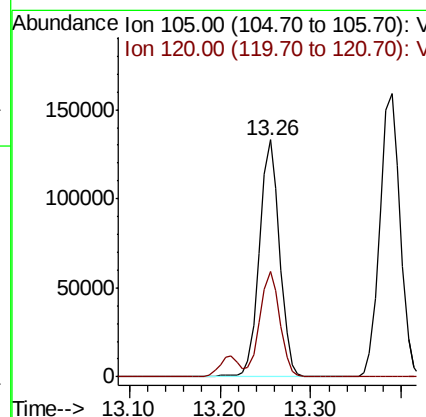
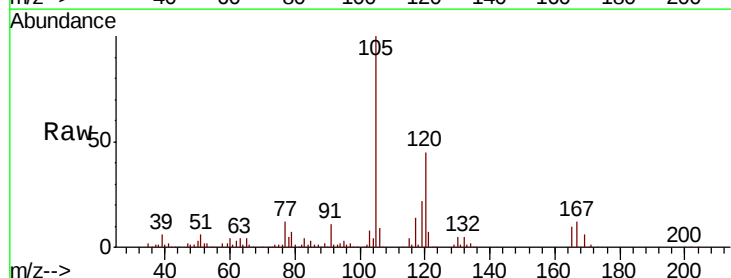
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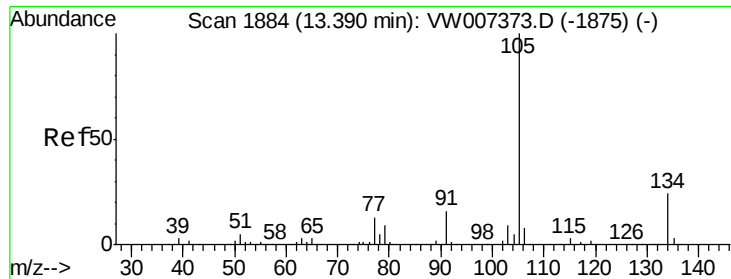
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#84
1,2,4-Trimethylbenzene
Concen: 50.163 ug/l
RT: 13.26 min Scan# 1862
Delta R.T. -0.00 min
Lab File: VW007449.D
Acq: 12 Dec 2018 20:11

Tgt Ion	Ratio	Lower	Upper
105	100		
120	44.6	22.6	67.7





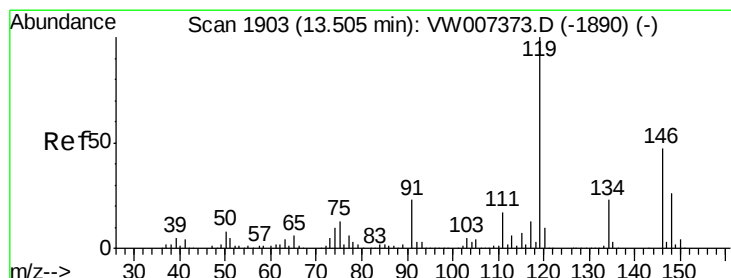
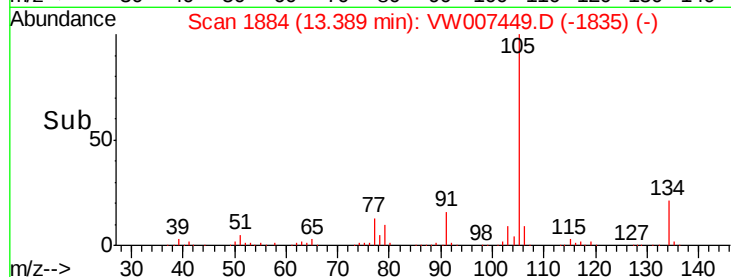
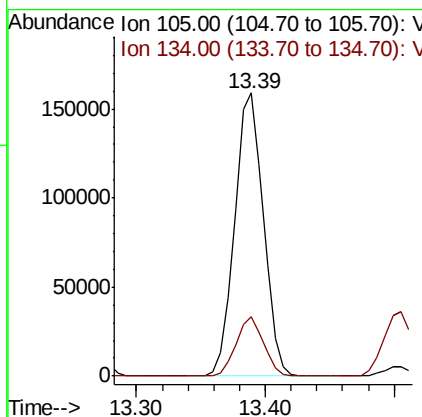
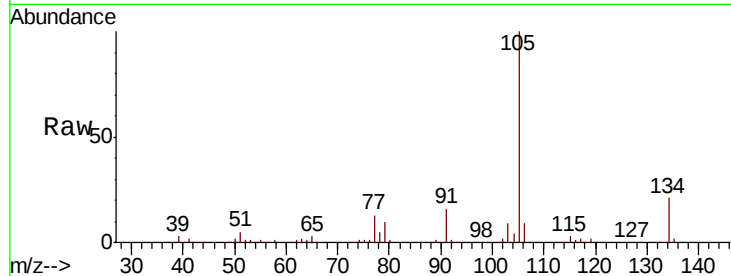
#85
 sec-Butylbenzene
 Concen: 51.576 ug/l
 RT: 13.39 min Scan# 1884
 Delta R.T. -0.00 min
 Lab File: VW007449.D
 Acq: 12 Dec 2018 20:11

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
105	100		
134	20.2	11.1	33.3

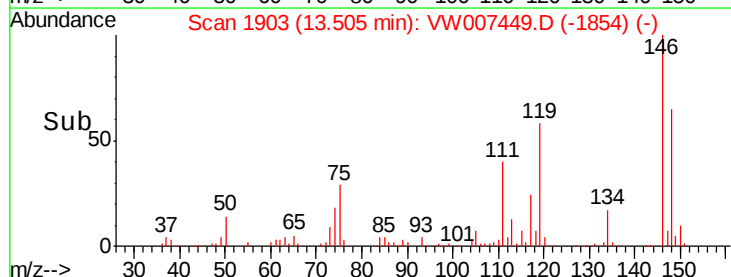
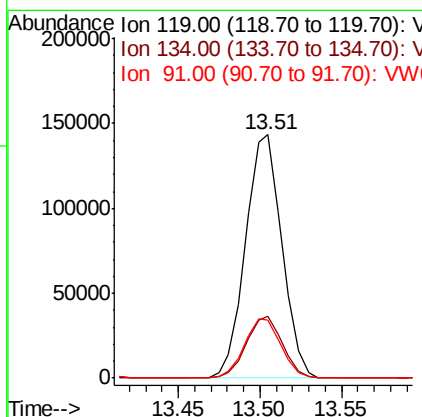
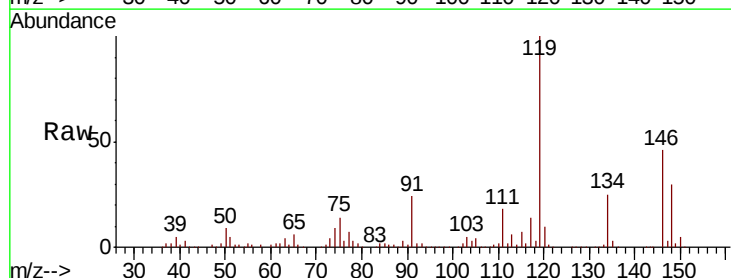
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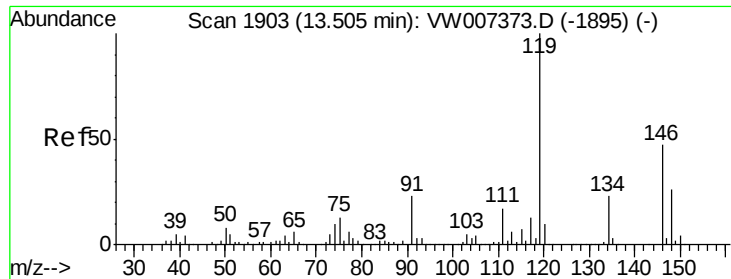
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#86
 p-Isopropyltoluene
 Concen: 51.954 ug/l
 RT: 13.51 min Scan# 1903
 Delta R.T. -0.00 min
 Lab File: VW007449.D
 Acq: 12 Dec 2018 20:11

Tgt Ion	Ratio	Lower	Upper
119	100		
134	25.2	12.9	38.7
91	24.6	11.9	35.9





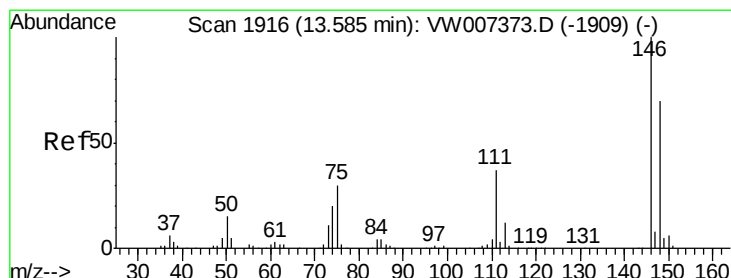
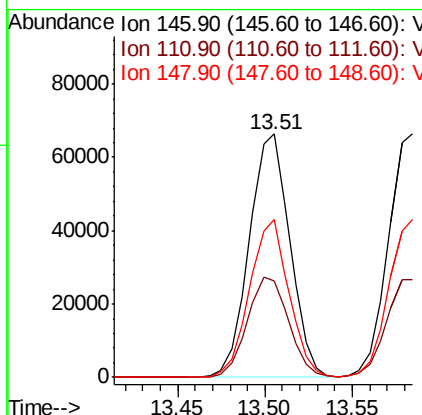
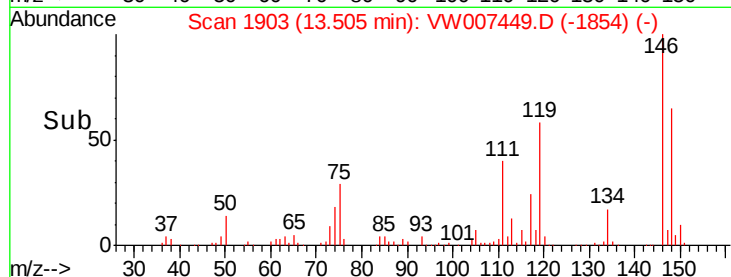
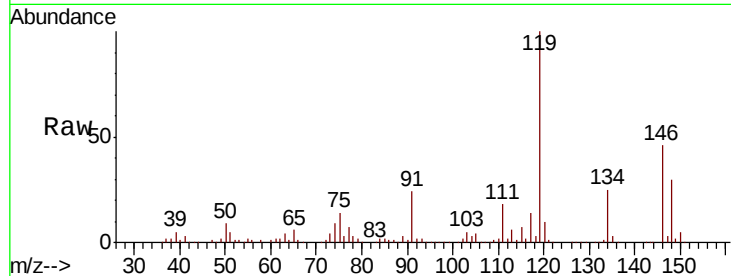
#87
 1,3-Dichlorobenzene
 Concen: 51.412 ug/l
 RT: 13.51 min Scan# 1903
 Delta R.T. -0.00 min
 Lab File: VW007449.D
 Acq: 12 Dec 2018 20:11

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
146	100		
111	41.9	20.1	60.3
148	62.7	31.4	94.0

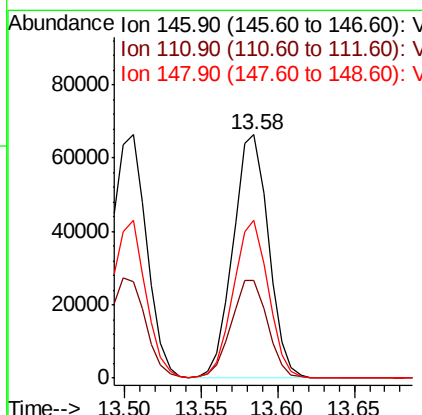
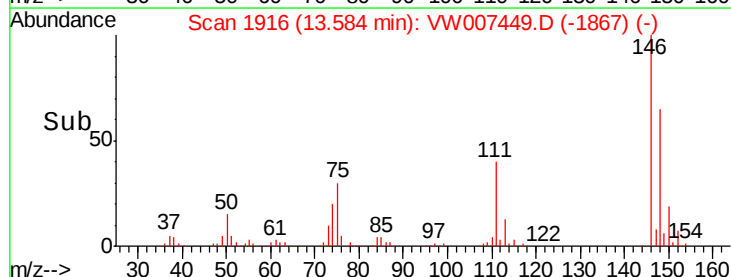
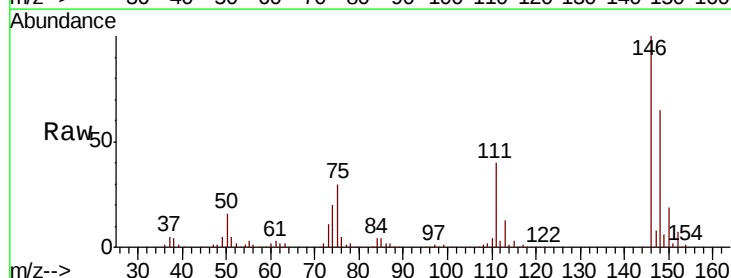
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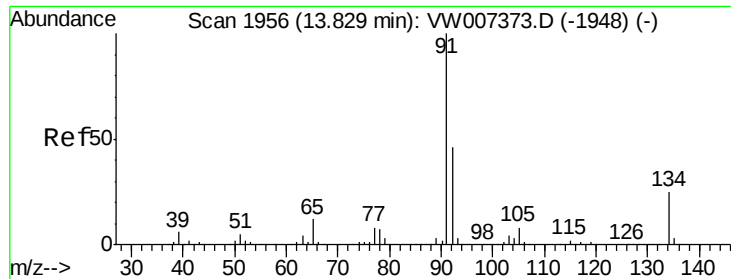
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#88
 1,4-Dichlorobenzene
 Concen: 50.924 ug/l
 RT: 13.58 min Scan# 1916
 Delta R.T. -0.00 min
 Lab File: VW007449.D
 Acq: 12 Dec 2018 20:11

Tgt Ion	Ratio	Lower	Upper
146	100		
111	41.5	20.3	61.0
148	64.0	33.5	100.5





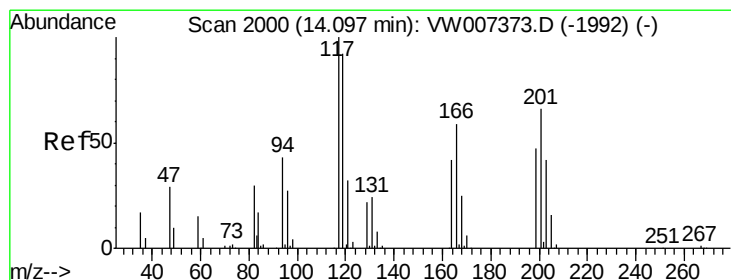
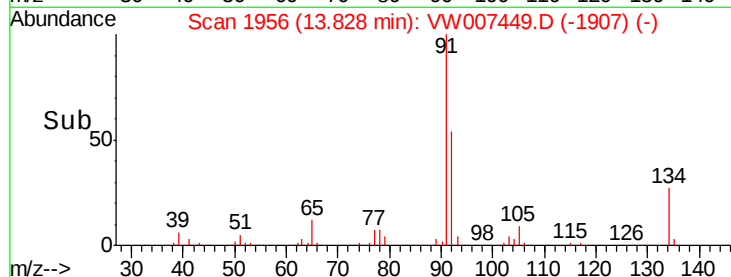
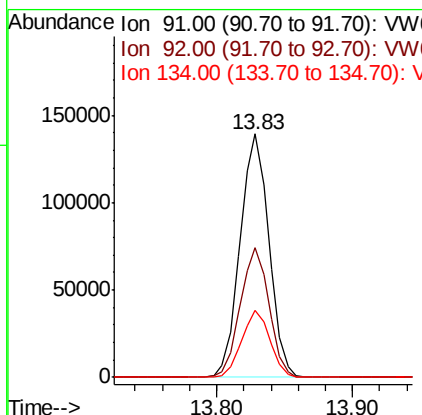
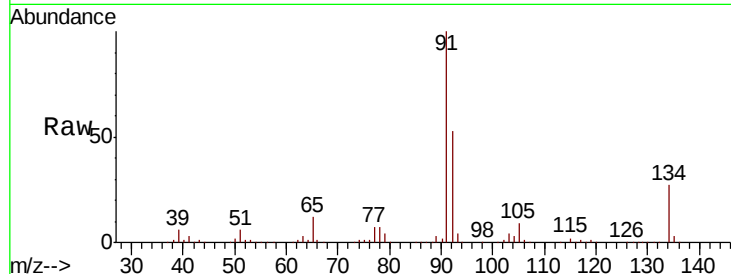
#89
n-Butylbenzene
Concen: 51.848 ug/l
RT: 13.83 min Scan# 1956
Delta R.T. -0.00 min
Lab File: VW007449.D
Acq: 12 Dec 2018 20:11

Instrument :
MSVOA_W
ClientSampled :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
91	100		
92	53.1	25.7	77.1
134	27.0	13.4	40.2

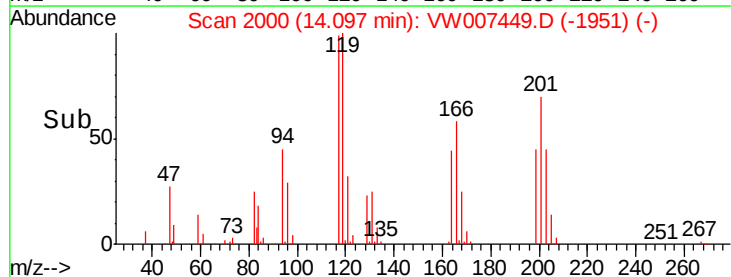
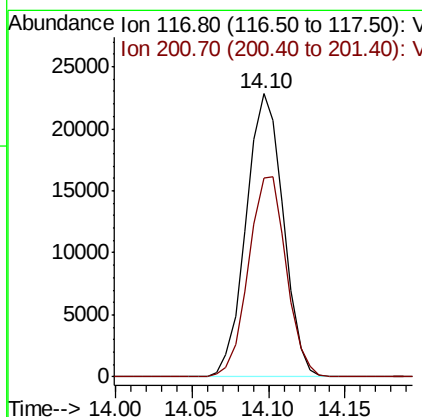
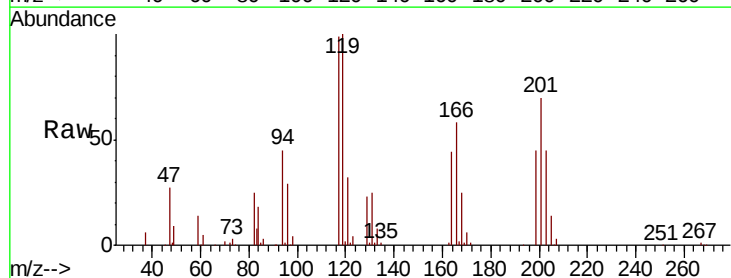
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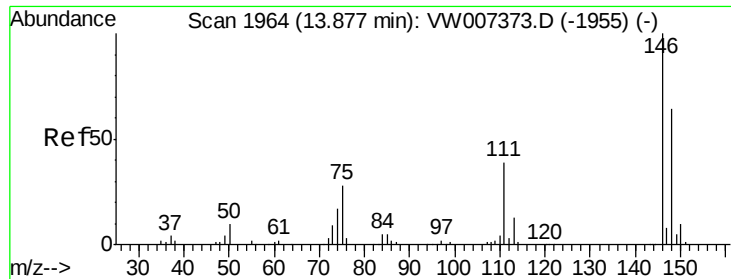
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#90
Hexachloroethane
Concen: 50.627 ug/l
RT: 14.10 min Scan# 2000
Delta R.T. -0.00 min
Lab File: VW007449.D
Acq: 12 Dec 2018 20:11

Tgt Ion	Ratio	Lower	Upper
117	100		
201	71.9	35.3	105.9





#91

1,2-Dichlorobenzene

Concen: 51.597 ug/l

RT: 13.87 min Scan# 1963

Delta R.T. -0.01 min

Lab File: VW007449.D

Acq: 12 Dec 2018 20:11

Instrument :

MSVOA_W

ClientSampleId :

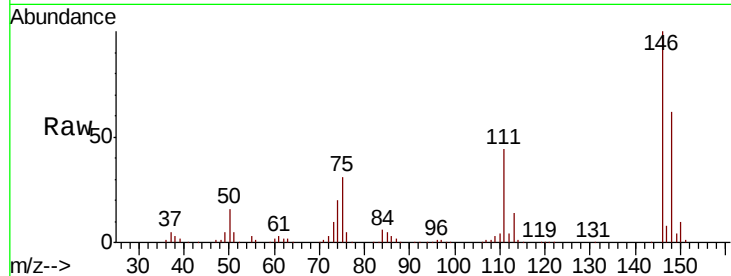
VSTDCCC050

Tot Ion:	146	Resp:	96297
Ion Ratio	Lower	Upper	
146	100		
111	43.7	22.4	67.2
148	63.2	32.4	97.2

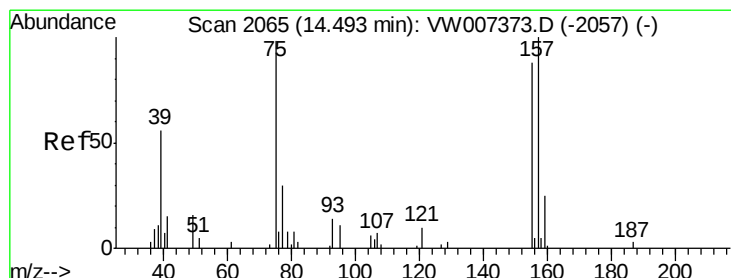
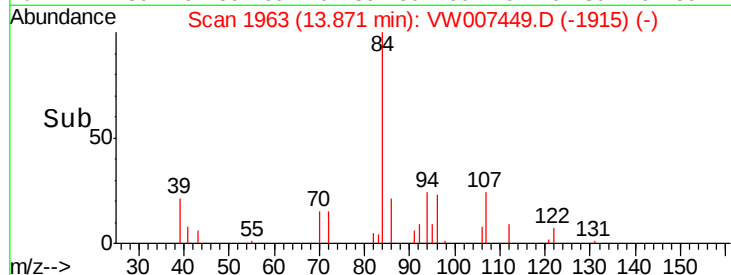
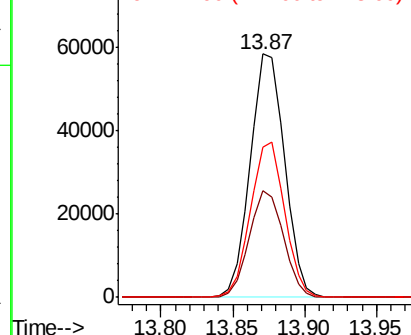
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Abundance Ion 145.90 (145.60 to 146.60): V
Ion 110.90 (110.60 to 111.60): V
Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 56.721 ug/l

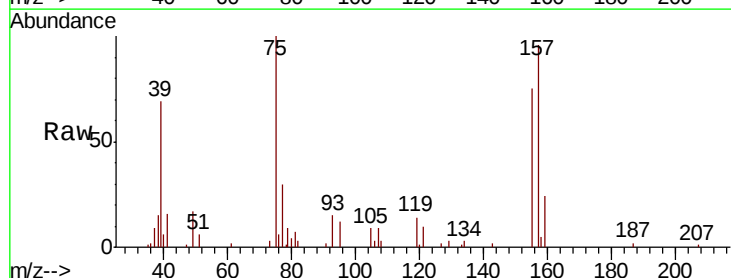
RT: 14.49 min Scan# 2064

Delta R.T. -0.01 min

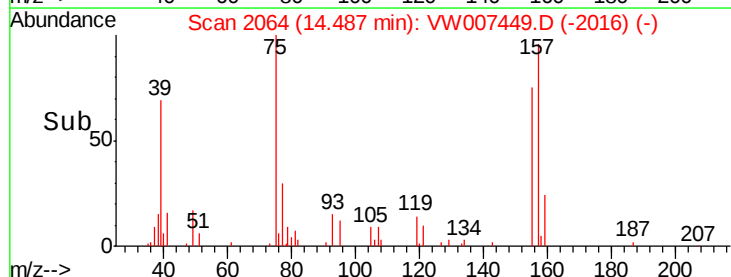
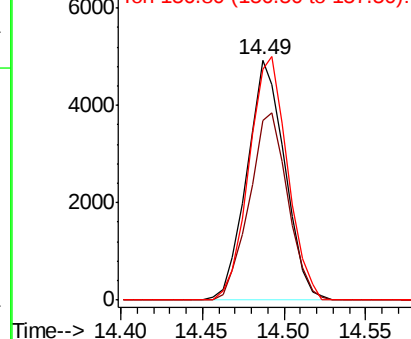
Lab File: VW007449.D

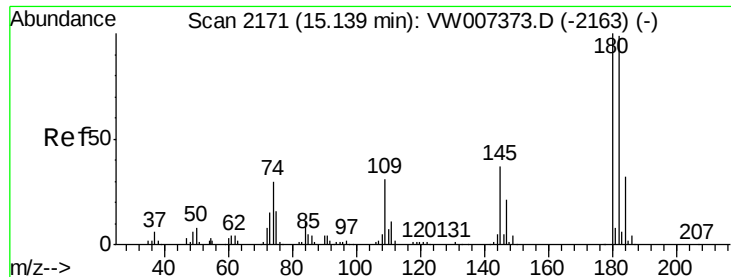
Acq: 12 Dec 2018 20:11

Tgt Ion:	75	Resp:	7949
Ion Ratio	Lower	Upper	
75	100		
155	79.7	40.8	122.2
157	103.2	51.1	153.4



Abundance Ion 74.90 (74.60 to 75.60): VW
Ion 154.80 (154.50 to 155.50): V
Ion 156.80 (156.50 to 157.50): V





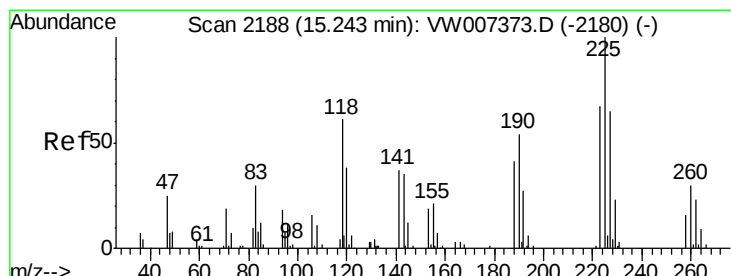
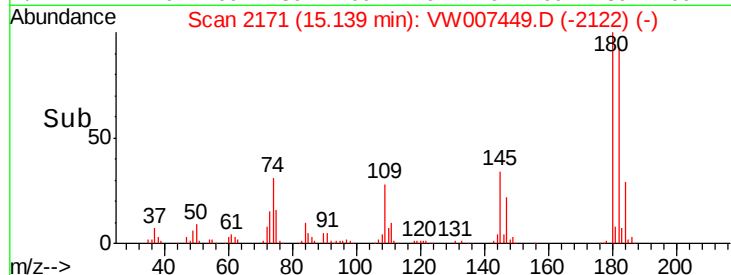
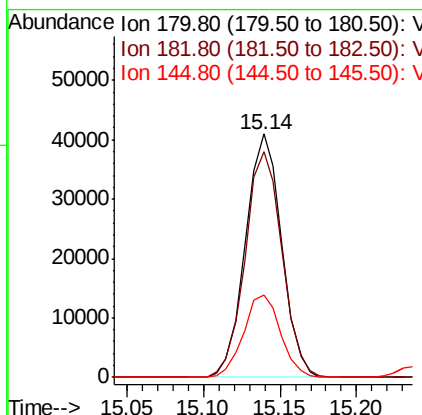
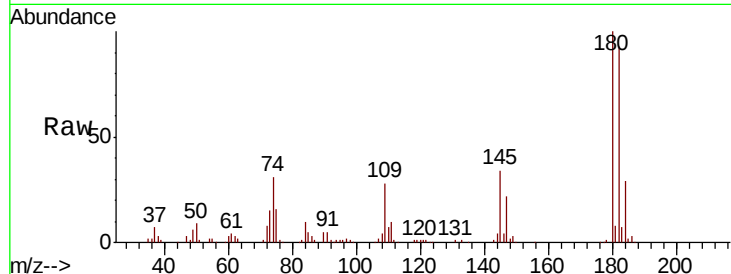
#93
 1,2,4-Trichlorobenzene
 Concen: 52.364 ug/l
 RT: 15.14 min Scan# 2171
 Delta R.T. -0.00 min
 Lab File: VW007449.D
 Acq: 12 Dec 2018 20:11

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tot Ion:	180	Resp:	67256
Ion Ratio	Lower	Upper	
180	100		
182	94.5	49.9	149.6
145	34.7	17.8	53.4

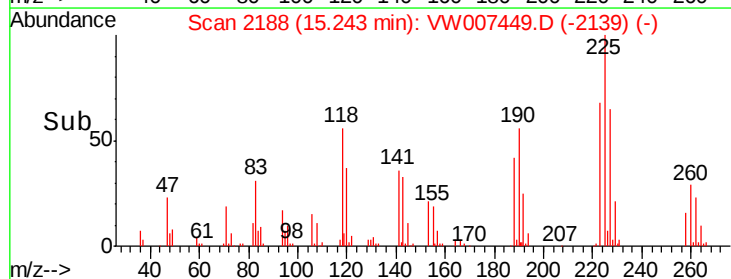
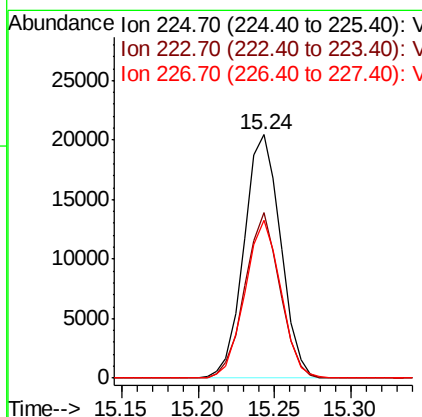
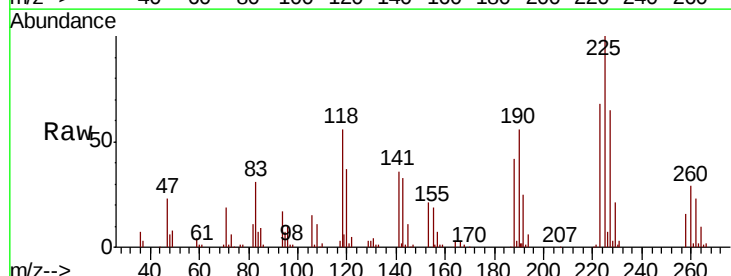
Manual Integrations
 APPROVED

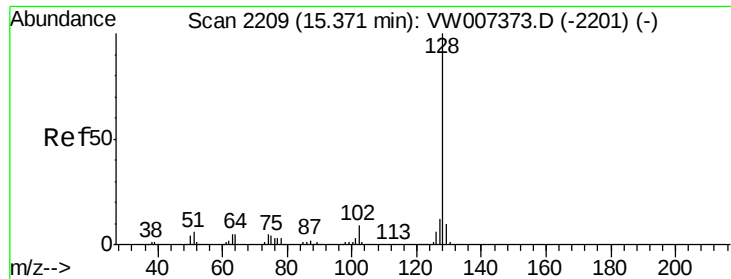
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 12/13/2018 4:39:40 PM



#94
 Hexachlorobutadiene
 Concen: 49.878 ug/l
 RT: 15.24 min Scan# 2188
 Delta R.T. -0.00 min
 Lab File: VW007449.D
 Acq: 12 Dec 2018 20:11

Tgt Ion:	225	Resp:	33991
Ion Ratio	Lower	Upper	
225	100		
223	64.9	32.1	96.3
227	63.4	31.9	95.9





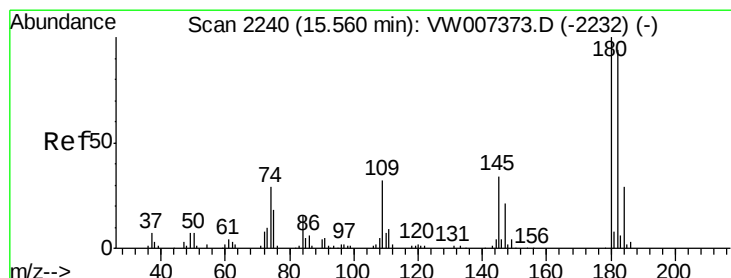
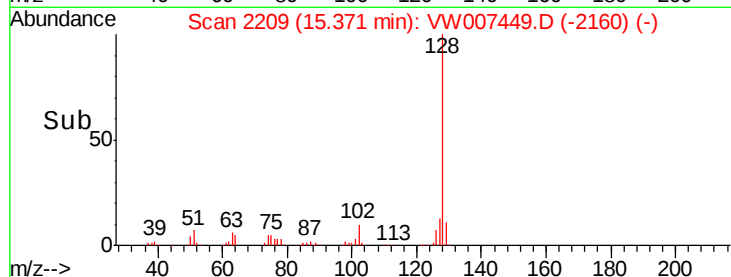
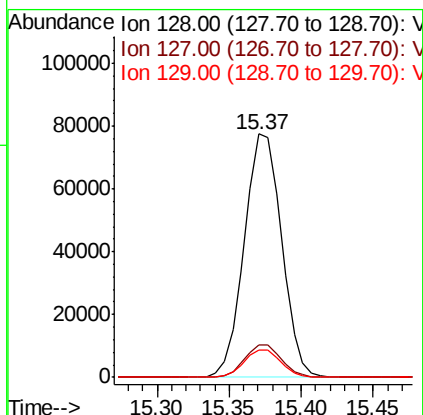
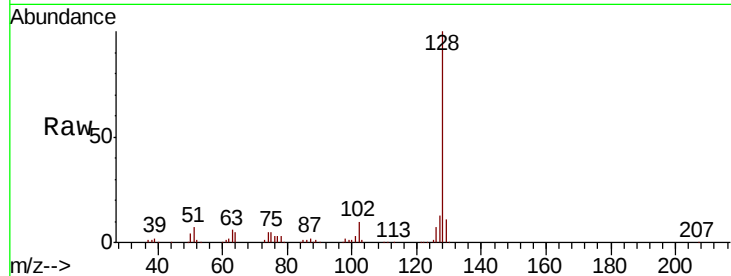
#95
Naphthalene
Concen: 56.686 ug/l
RT: 15.37 min Scan# 2209
Delta R.T. -0.00 min
Lab File: VW007449.D
Acq: 12 Dec 2018 20:11

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion:	128	Resp:	139284
Ion Ratio	Lower	Upper	
128	100		
127	13.2	10.2	15.4
129	11.0	8.3	12.5

Manual Integrations
APPROVED

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12/13/2018 4:39:40 PM



#96
1,2,3-Trichlorobenzene
Concen: 51.474 ug/l
RT: 15.56 min Scan# 2240
Delta R.T. -0.00 min
Lab File: VW007449.D
Acq: 12 Dec 2018 20:11

Tgt Ion:	180	Resp:	57431
Ion Ratio	Lower	Upper	
180	100		
182	97.7	45.6	136.7
145	36.9	17.5	52.5

