

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\WV122218\
 Data File : VW007746.D
 Acq On : 20 Dec 2018 14:37
 Operator : SY/AP
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA_W/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

apatel
 12/21/2018 11:01:54 AM

Quant Time: Dec 21 04:02:11 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W122118S.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 20 06:30:23 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	70230	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	110367	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	97666	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	49519	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.30	65	40561	52.69	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.38%	
35) Dibromofluoromethane	7.88	113	37376	55.51	ug/l	0.00
Spiked Amount	50.000		Recovery	=	111.02%	
50) Toluene-d8	10.32	98	143433	56.51	ug/l	0.00
Spiked Amount	50.000		Recovery	=	113.02%	
62) 4-Bromofluorobenzene	12.62	95	53334	54.39	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.78%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.01	85	31353	50.218	ug/l	98
3) Chloromethane	2.21	50	19082	49.773	ug/l	99
4) Vinyl Chloride	2.37	62	25392	52.030	ug/l	95
5) Bromomethane	2.78	94	16796	49.413	ug/l	89
6) Chloroethane	2.92	64	13413	51.373	ug/l	98
7) Trichlorofluoromethane	3.26	101	24585	48.388	ug/l	97
8) Diethyl Ether	3.68	74	14941	48.010	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	4.06	101	37106	49.588	ug/l	96
10) Methyl Iodide	4.26	142	57893	48.650	ug/l	99
11) Tert butyl alcohol	5.17	59	10544	203.059	ug/l	98
12) 1,1-Dichloroethene	4.03	96	35426	51.127	ug/l	97
13) Acrolein	3.89	56	10872	261.864	ug/l	98
14) Allyl chloride	4.66	41	45037	49.565	ug/l	98
15) Acrylonitrile	5.37	53	30341	228.558	ug/l	99
16) Acetone	4.12	43	32569	225.948	ug/l	90
17) Carbon Disulfide	4.37	76	106096	49.480	ug/l	98
18) Methyl Acetate	4.67	43	15982	46.621	ug/l	99
19) Methyl tert-butyl Ether	5.43	73	46074	46.317	ug/l	96
20) Methylene Chloride	4.90	84	36762	51.142	ug/l	94
21) trans-1,2-Dichloroethene	5.42	96	37255	48.887	ug/l	92
22) Diisopropyl ether	6.31	45	82586	48.540	ug/l	96
23) Vinyl Acetate	6.25	43	236187	233.650	ug/l	98
24) 1,1-Dichloroethane	6.21	63	61313	48.985	ug/l	99
25) 2-Butanone	7.17	43	36486	216.105	ug/l	98
26) 2,2-Dichloropropane	7.16	77	45704	49.900	ug/l	99
27) cis-1,2-Dichloroethene	7.16	96	39465	48.608	ug/l	99
28) Bromochloromethane	7.51	49	21517	50.420	ug/l #	99
29) Tetrahydrofuran	7.53	42	22382	222.249	ug/l	100
30) Chloroform	7.67	83	68277	48.202	ug/l	99
31) Cyclohexane	7.95	56	54192	47.293	ug/l	99
32) 1,1,1-Trichloroethane	7.87	97	64191	49.758	ug/l	100
36) 1,1-Dichloropropene	8.08	75	54730	51.378	ug/l	99
37) Ethyl Acetate	7.25	43	16779	45.641	ug/l	98
38) Carbon Tetrachloride	8.06	117	61913	49.352	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	66682	50.376	ug/l	96
40) Benzene	8.32	78	142685	50.196	ug/l	100
41) Methacrylonitrile	7.48	41	10197	48.854	ug/l	92
42) 1,2-Dichloroethane	8.40	62	46211	48.510	ug/l	99
43) Isopropyl Acetate	8.43	43	32992	44.794	ug/l	99
44) Trichloroethene	9.09	130	43254	50.317	ug/l	98
45) 1,2-Dichloropropane	9.37	63	31563	50.041	ug/l	99
46) Dibromomethane	9.46	93	18614	47.941	ug/l	97
47) Bromodichloromethane	9.65	83	49443	48.439	ug/l	98
48) Methyl methacrylate	9.44	41	16336	44.435	ug/l	97
49) 1,4-Dioxane	9.45	88	6211	1008.970	ug/l	96
51) 4-Methyl-2-Pentanone	10.21	43	77502	222.655	ug/l	99
52) Toluene	10.39	92	95333	49.986	ug/l	100
53) t-1,3-Dichloropropene	10.60	75	48208	47.483	ug/l	96
54) cis-1,3-Dichloropropene	10.07	75	54230	48.357	ug/l	98
55) 1,1,2-Trichloroethane	10.79	97	25480	47.603	ug/l	96
56) Ethyl methacrylate	10.65	69	29388	46.470	ug/l	97
57) 1,3-Dichloropropane	10.93	76	41707	46.924	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.93	63	71058	246.095	ug/l	100
59) 2-Hexanone	10.97	43	55832	228.077	ug/l	100
60) Dibromochloromethane	11.13	129	32821	46.310	ug/l	98
61) 1,2-Dibromoethane	11.24	107	25072	46.255	ug/l	99
64) Tetrachloroethene	10.87	164	34738	50.228	ug/l	93
65) Chlorobenzene	11.66	112	105530	49.922	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.73	131	37796	50.039	ug/l	99
67) Ethyl Benzene	11.73	91	187129	51.587	ug/l	100
68) m/p-Xylenes	11.84	106	145052	103.083	ug/l	99
69) o-Xylene	12.17	106	66126	50.133	ug/l	98
70) Styrene	12.18	104	110224	50.837	ug/l	99
71) Bromoform	12.35	173	17990	45.880	ug/l #	96
73) Isopropylbenzene	12.47	105	194612	51.992	ug/l	99
74) N-amyl acetate	12.27	43	30640	47.258	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.72	83	26459	47.146	ug/l	100
76) 1,2,3-Trichloropropane	12.77	75	20765m	54.254	ug/l	
77) Bromobenzene	12.75	156	42117	49.098	ug/l	99
78) n-propylbenzene	12.81	91	225233	51.692	ug/l	100
79) 2-Chlorotoluene	12.90	91	128598	50.664	ug/l	99
80) 1,3,5-Trimethylbenzene	12.94	105	166862	51.681	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.52	75	8955	49.113	ug/l	98
82) 4-Chlorotoluene	12.99	91	136139	50.372	ug/l	98
83) tert-Butylbenzene	13.21	119	147988	52.239	ug/l	99
84) 1,2,4-Trimethylbenzene	13.26	105	168038	51.578	ug/l	99
85) sec-Butylbenzene	13.39	105	204967	52.498	ug/l	100
86) p-Isopropyltoluene	13.51	119	183704	51.745	ug/l	100
87) 1,3-Dichlorobenzene	13.51	146	85331	50.101	ug/l	100
88) 1,4-Dichlorobenzene	13.58	146	85178	49.996	ug/l	99
89) n-Butylbenzene	13.83	91	171790	52.776	ug/l	100
90) Hexachloroethane	14.10	117	31747	50.936	ug/l	99
91) 1,2-Dichlorobenzene	13.87	146	75881	49.760	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.49	75	5468	47.443	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.14	180	51552	48.701	ug/l	99
94) Hexachlorobutadiene	15.24	225	29581	52.291	ug/l	97
95) Naphthalene	15.38	128	96194	49.153	ug/l	99
96) 1,2,3-Trichlorobenzene	15.57	180	44834	49.480	ug/l	99

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

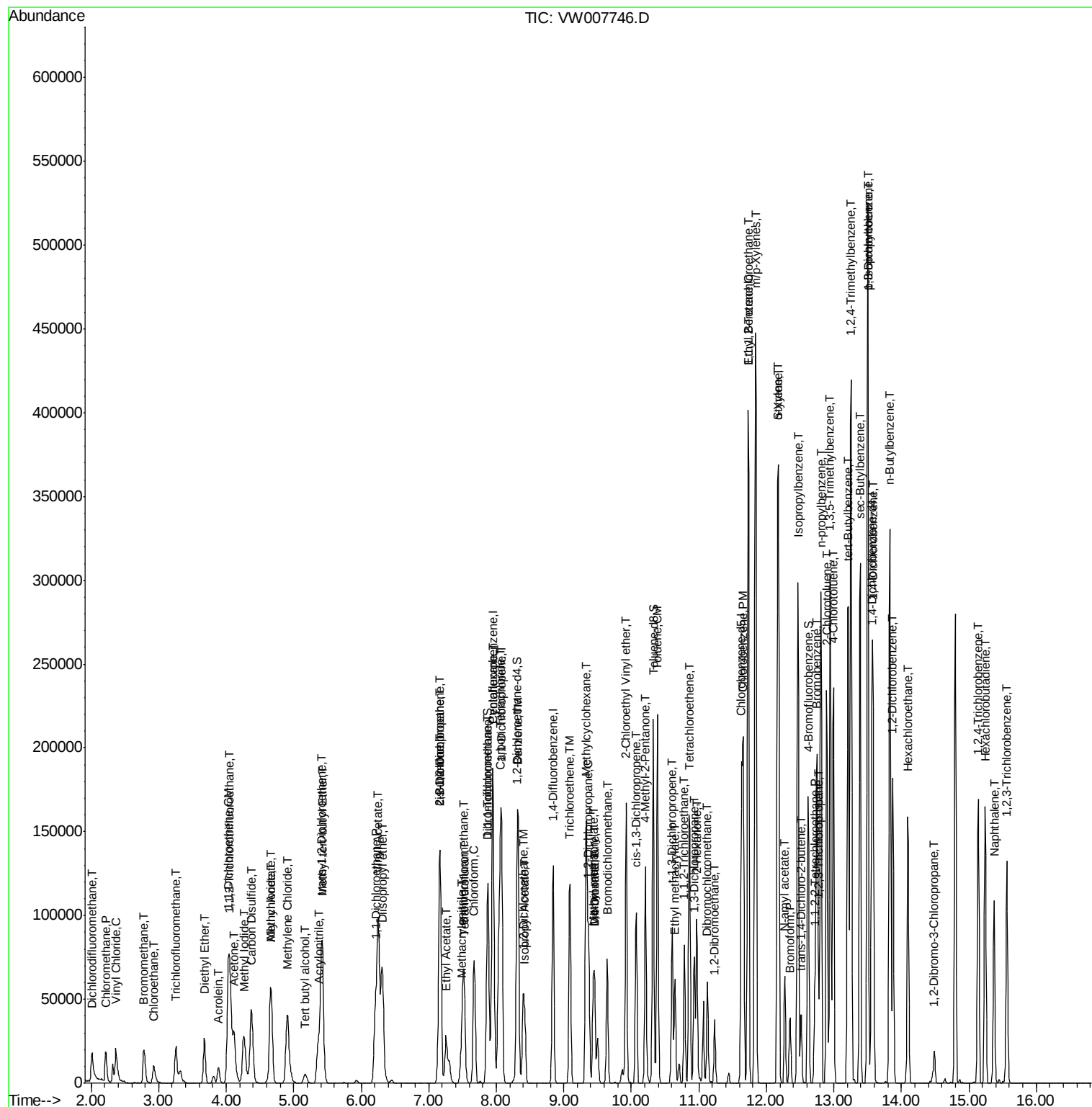
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Operator : SY/AP
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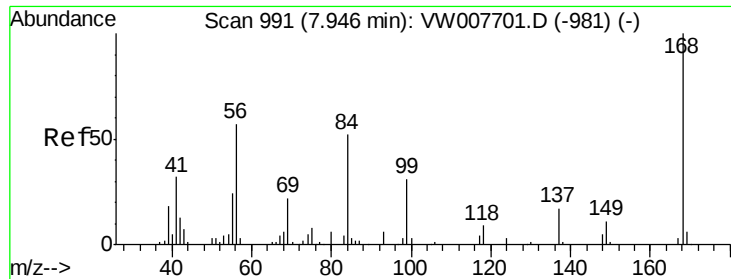
Instrument :
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.00 min

Lab File: VW007746.D

Acq: 20 Dec 2018 14:37

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tgt Ion: 168 Resp: 70230

Ion Ratio Lower Upper

168 100

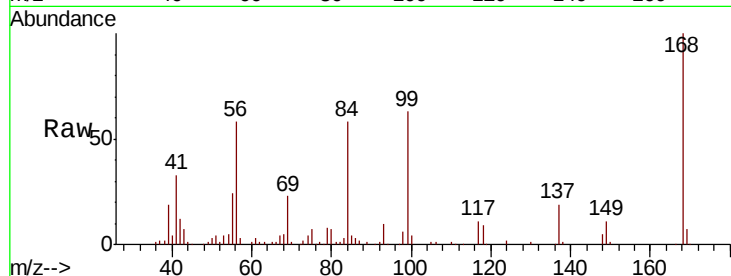
99 62.6 54.0 81.0

Manual Integrations

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Abundance Ion 167.90 (167.60 to 168.60): VW

Ion 98.90 (98.60 to 99.60): VW

7.95

30000

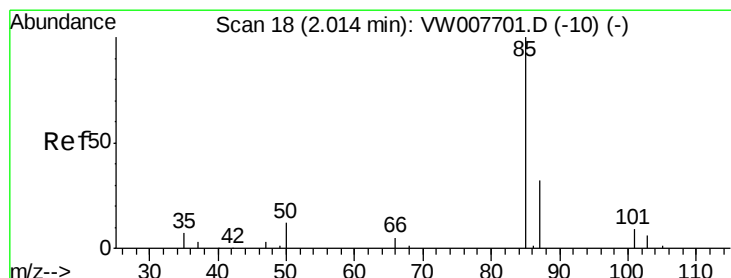
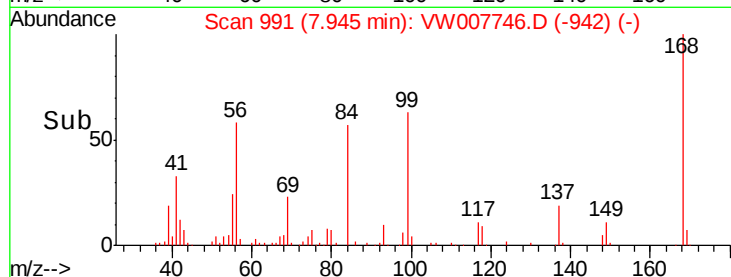
20000

10000

0

Time-->

7.90 8.00



#2

Dichlorodifluoromethane

Concen: 50.218 ug/l

RT: 2.01 min Scan# 17

Delta R.T. -0.01 min

Lab File: VW007746.D

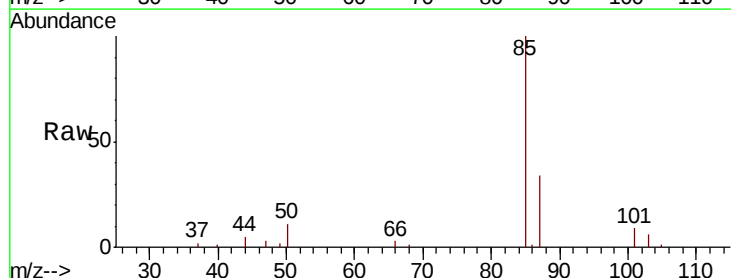
Acq: 20 Dec 2018 14:37

Tgt Ion: 85 Resp: 31353

Ion Ratio Lower Upper

85 100

87 33.8 16.3 48.8



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW

2.01

10000

8000

6000

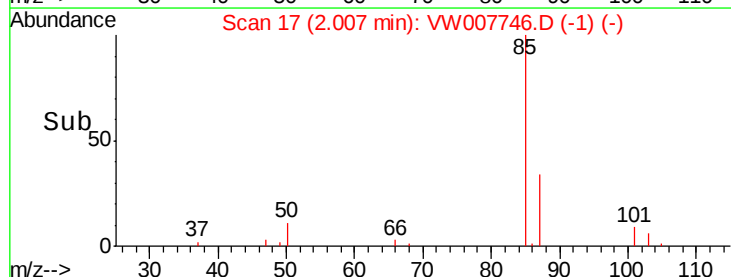
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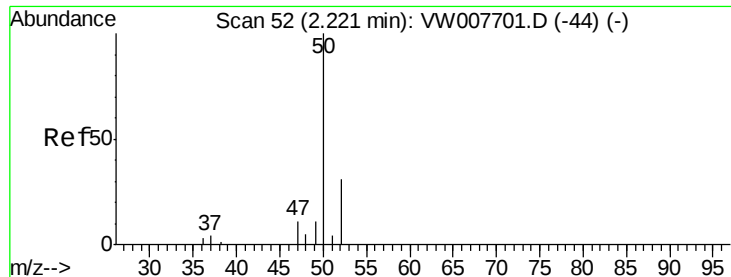
2000

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Time-->

1.90 2.00 2.10 2.20





#3

Chloromethane

Concen: 49.773 ug/l

RT: 2.21 min Scan# 51

Delta R.T. -0.01 min

Lab File: VW007746.D

Acq: 20 Dec 2018 14:37

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tgt Ion: 50 Resp: 19082

Ion Ratio Lower Upper

50 100

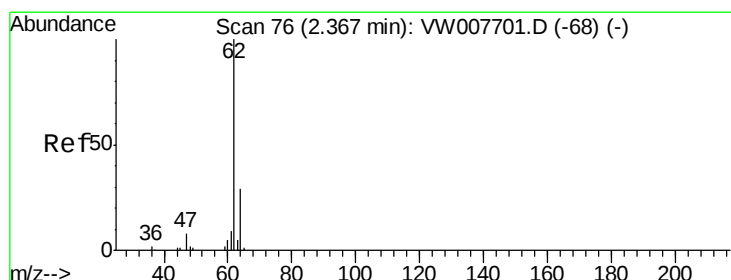
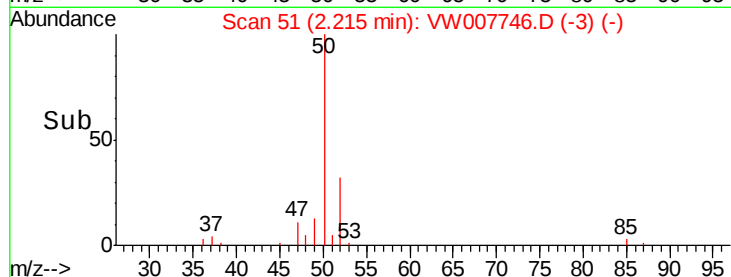
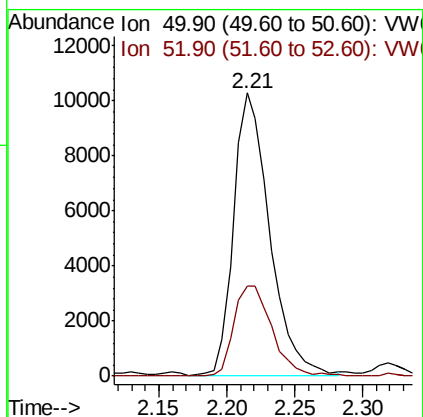
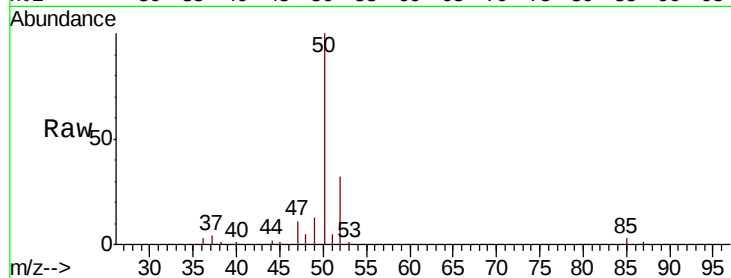
52 31.9 25.1 37.7

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#4

Vinyl Chloride

Concen: 52.030 ug/l

RT: 2.37 min Scan# 76

Delta R.T. -0.00 min

Lab File: VW007746.D

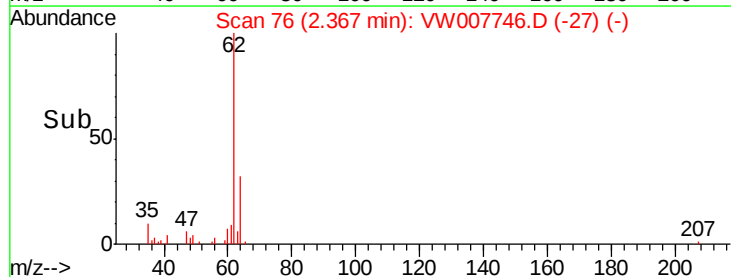
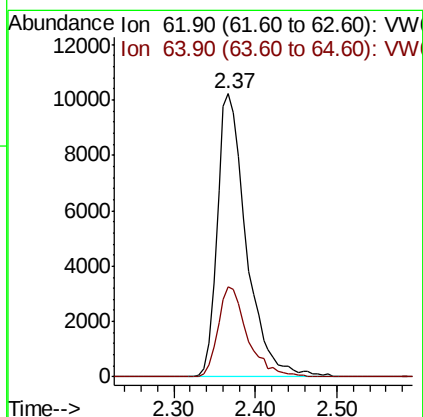
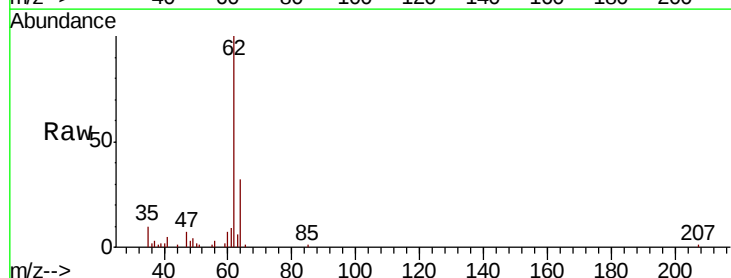
Acq: 20 Dec 2018 14:37

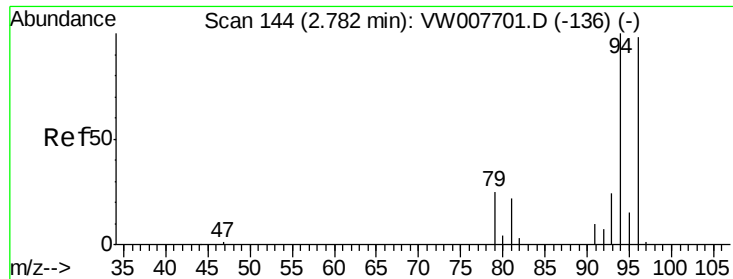
Tgt Ion: 62 Resp: 25392

Ion Ratio Lower Upper

62 100

64 32.0 23.4 35.0





#5

Bromomethane

Concen: 49.413 ug/l

RT: 2.78 min Scan# 144

Delta R.T. -0.00 min

Lab File: VW007746.D

Acq: 20 Dec 2018 14:37

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tgt Ion: 94 Resp: 16796

Ion Ratio Lower Upper

94 100

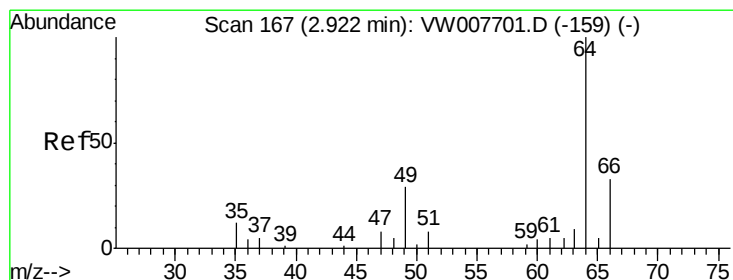
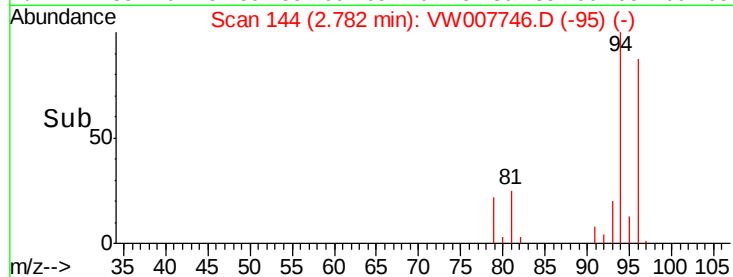
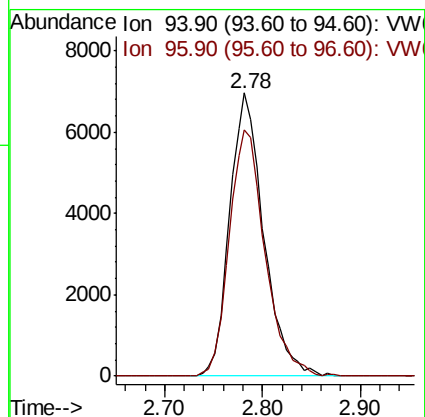
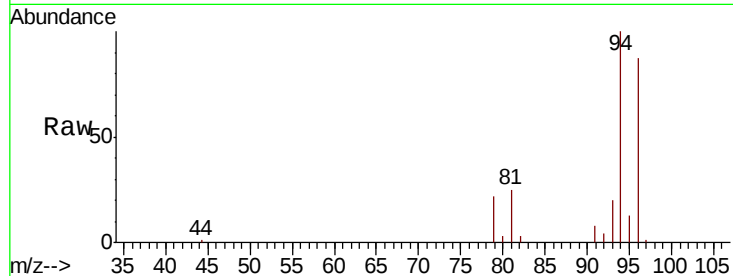
96 87.1 78.2 117.2

Manual Integrations

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#6

Chloroethane

Concen: 51.373 ug/l

RT: 2.92 min Scan# 167

Delta R.T. -0.00 min

Lab File: VW007746.D

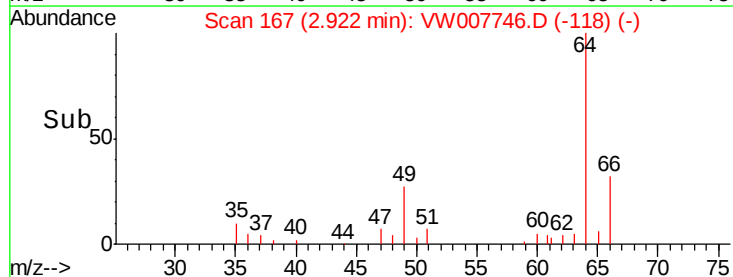
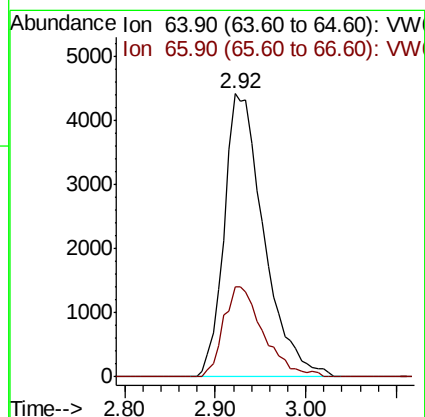
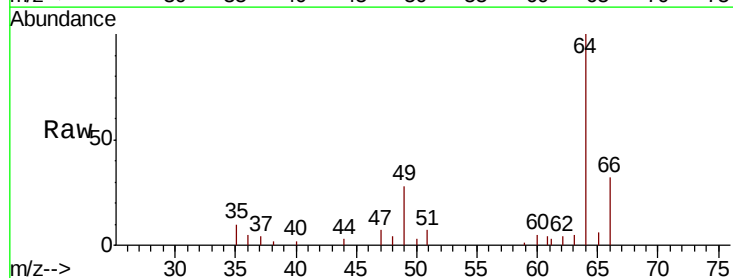
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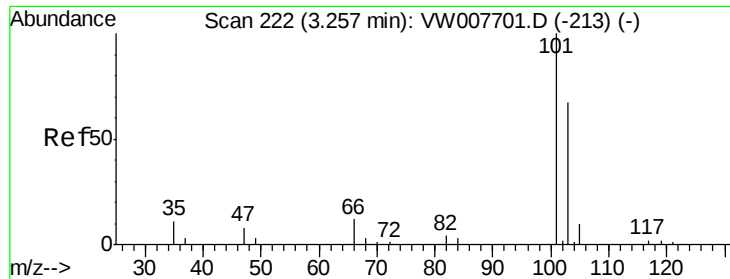
Tgt Ion: 64 Resp: 13413

Ion Ratio Lower Upper

64 100

66 31.8 26.2 39.4





#7

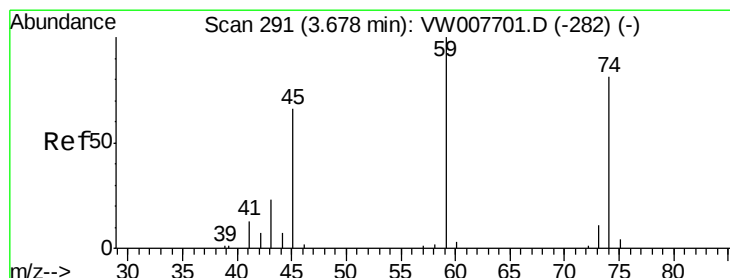
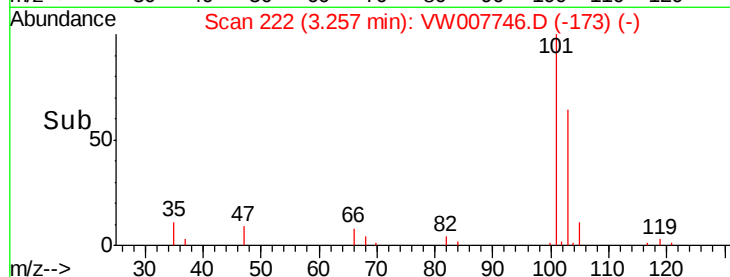
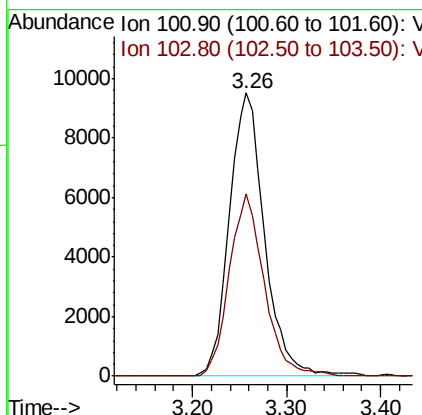
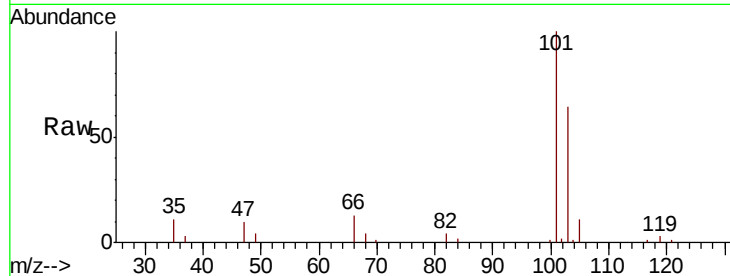
Trichlorofluoromethane
 Concen: 48.388 ug/l
 RT: 3.26 min Scan# 222
 Delta R.T. -0.00 min
 Lab File: VW007746.D
 Acq: 20 Dec 2018 14:37

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Tgt Ion: 101 Resp: 24585
 Ion Ratio Lower Upper
 101 100
 103 64.2 53.4 80.2

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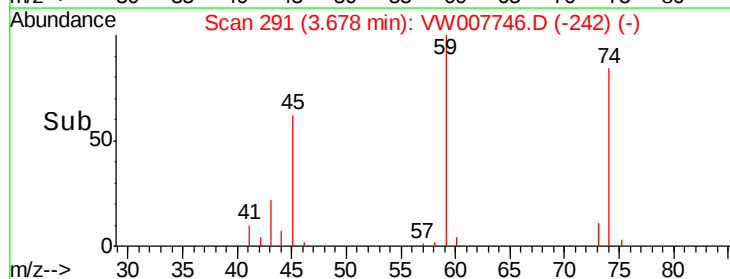
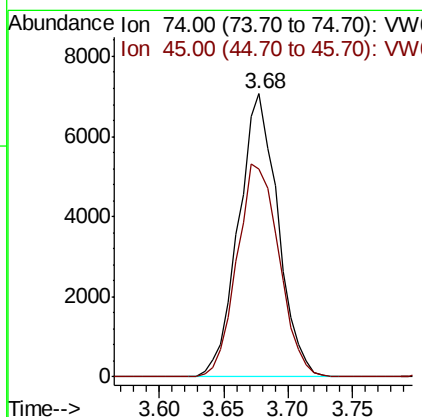
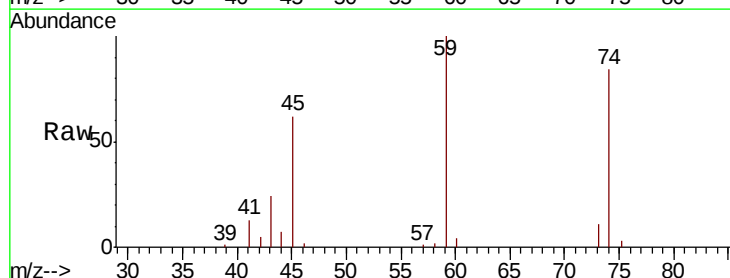
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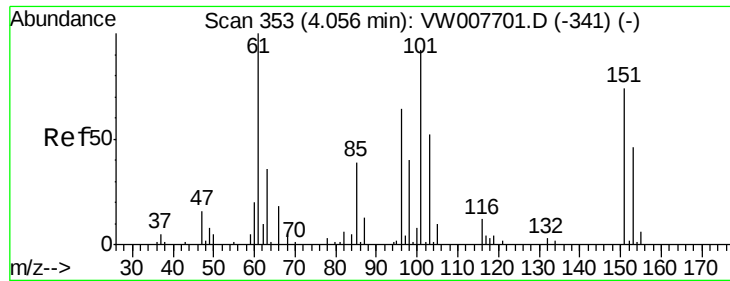


#8

Diethyl Ether
 Concen: 48.010 ug/l
 RT: 3.68 min Scan# 291
 Delta R.T. -0.00 min
 Lab File: VW007746.D
 Acq: 20 Dec 2018 14:37

Tgt Ion: 74 Resp: 14941
 Ion Ratio Lower Upper
 74 100
 45 80.3 39.4 118.1





#9

1,1,2-Trichlorotrifluoroethane

Concen: 49.588 ug/l

RT: 4.06 min Scan# 353

Delta R.T. -0.00 min

Lab File: VW007746.D

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Instrument :

MSVOA_W

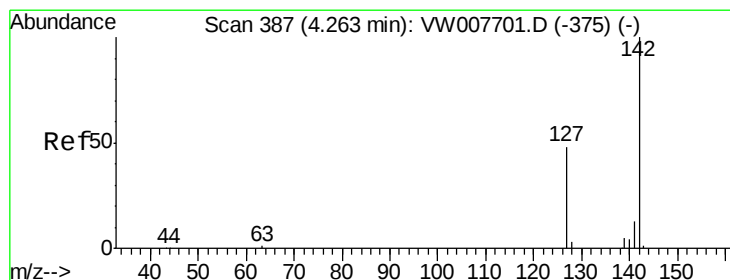
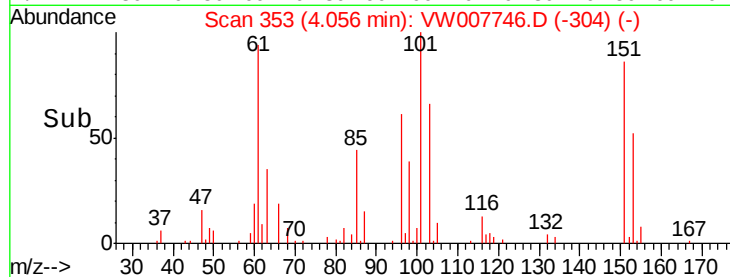
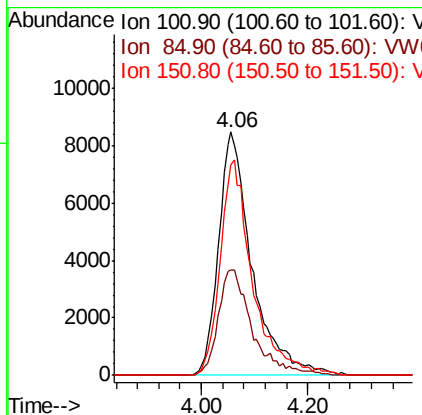
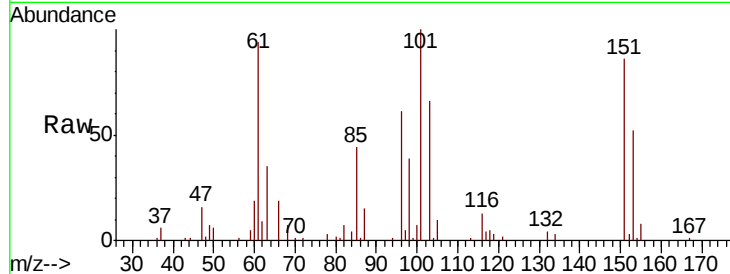
ClientSampleId :

VSTDCCC050

Tgt Ion:	101	Resp:	37106
Ion Ratio	Lower	Upper	
101	100		
85	44.0	34.3	51.5
151	85.6	64.6	96.8

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#10

Methyl Iodide

Concen: 48.650 ug/l

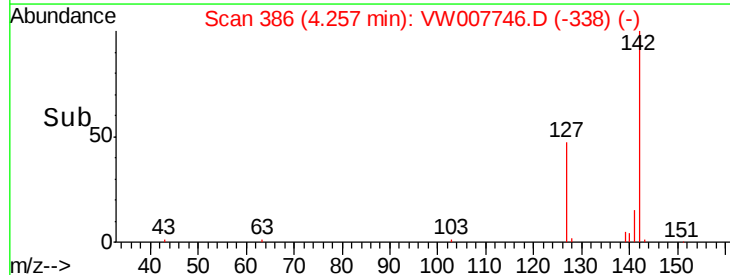
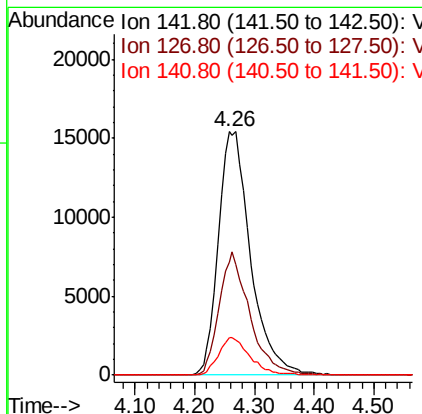
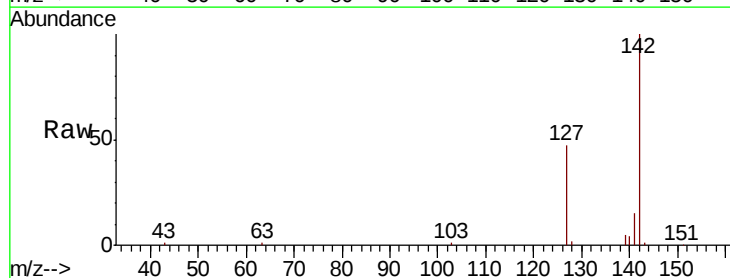
RT: 4.26 min Scan# 386

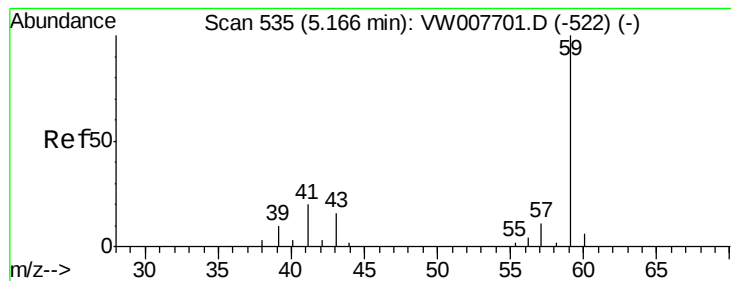
Delta R.T. -0.01 min

Lab File: VW007746.D

Acq: 20 Dec 2018 14:37

Tgt Ion:	142	Resp:	57893
Ion Ratio	Lower	Upper	
142	100		
127	47.7	37.7	56.5
141	14.9	11.5	17.3





#11

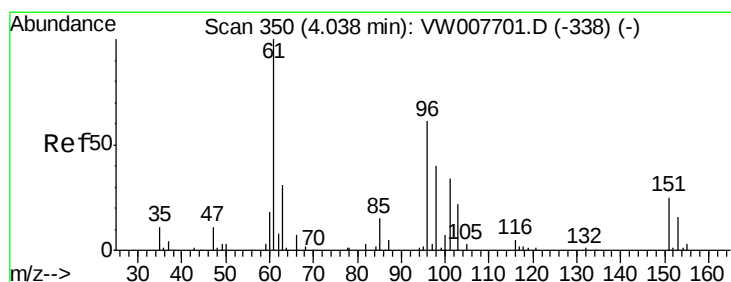
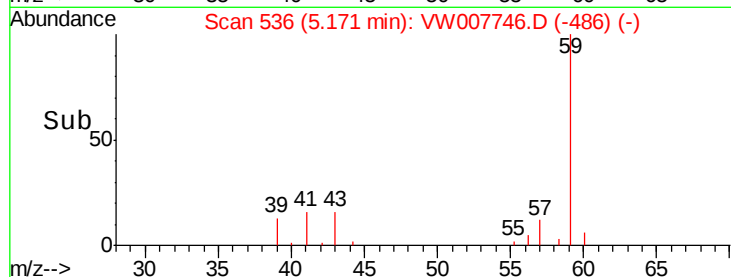
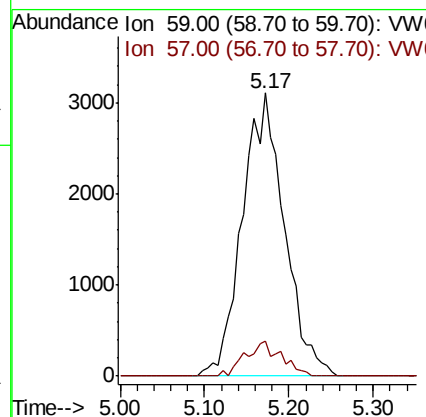
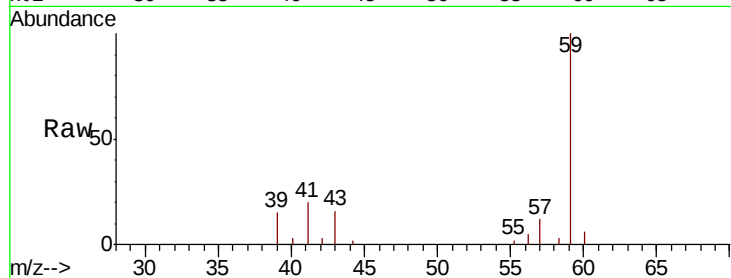
Tert butyl alcohol
 Concen: 203.059 ug/l
 RT: 5.17 min Scan# 536
 Delta R.T. 0.01 min
 Lab File: VW007746.D
 Acq: 20 Dec 2018 14:37

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tgt Ion	Ratio	Lower	Upper
59	100		
57	10.5	7.8	11.8

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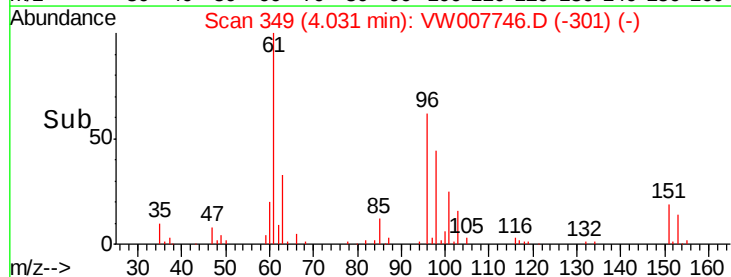
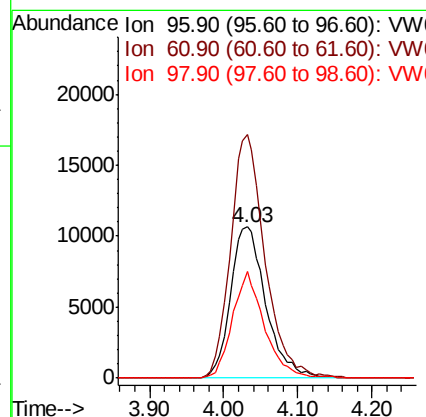
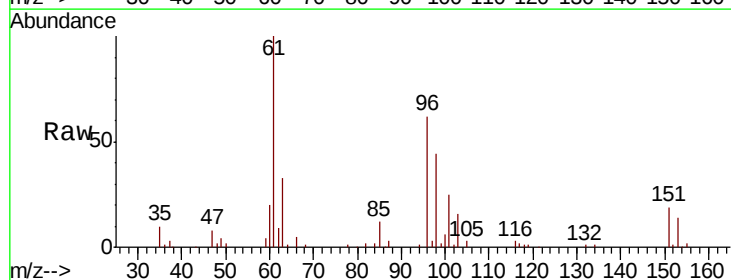
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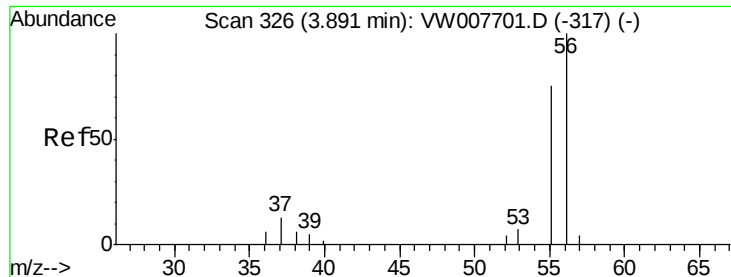


#12

1,1-Dichloroethene
 Concen: 51.127 ug/l
 RT: 4.03 min Scan# 349
 Delta R.T. -0.01 min
 Lab File: VW007746.D
 Acq: 20 Dec 2018 14:37

Tgt Ion	Ratio	Lower	Upper
96	100		
61	160.8	130.6	195.8
98	70.5	52.3	78.5





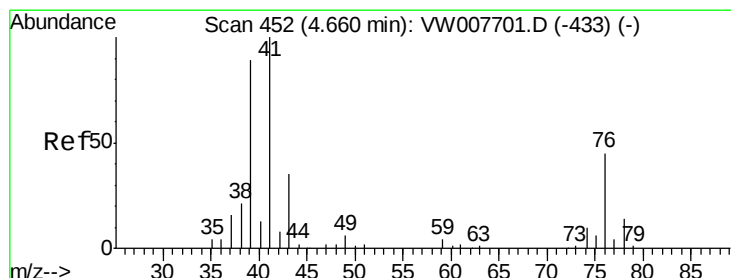
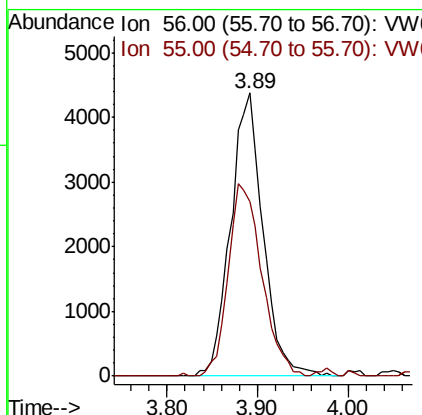
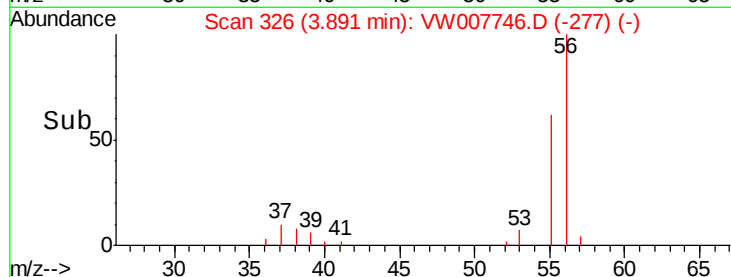
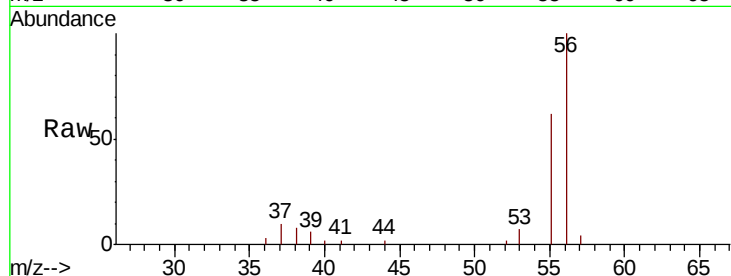
#13
Acrolein
Concen: 261.864 ug/l
RT: 3.89 min Scan# 326
Delta R.T. -0.00 min
Lab File: VW007746.D
Acq: 20 Dec 2018 14:37

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tgt Ion: 56 Resp: 10872
Ion Ratio Lower Upper
56 100
55 70.1 57.7 86.5

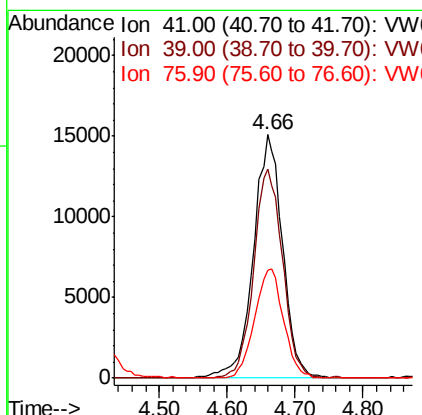
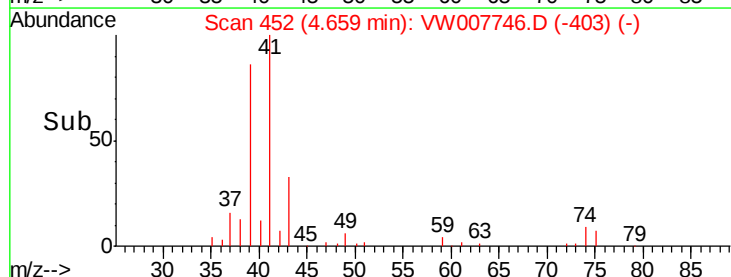
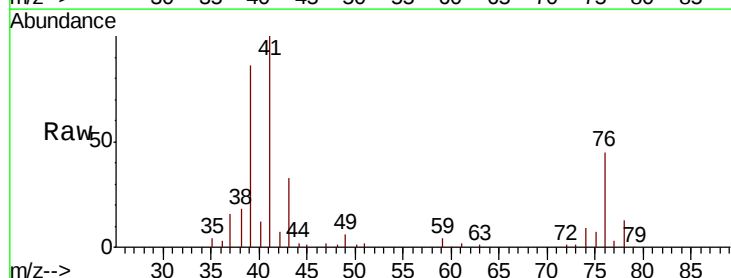
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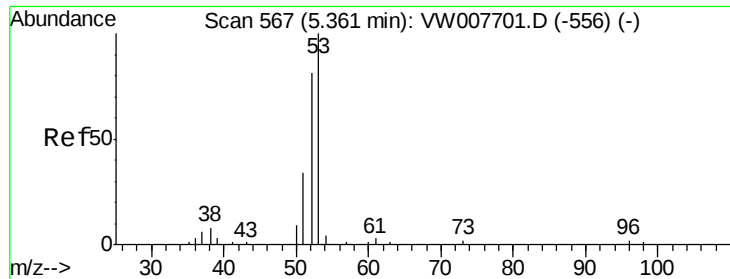
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#14
Allyl chloride
Concen: 49.565 ug/l
RT: 4.66 min Scan# 452
Delta R.T. -0.00 min
Lab File: VW007746.D
Acq: 20 Dec 2018 14:37

Tgt Ion: 41 Resp: 45037
Ion Ratio Lower Upper
41 100
39 85.3 69.5 104.3
76 44.6 34.8 52.2





#15

Acrylonitrile

Concen: 228.558 ug/l

RT: 5.37 min Scan# 569

Delta R.T. 0.01 min

Lab File: VW007746.D

Acq: 20 Dec 2018 14:37

Instrument :

MSVOA_W

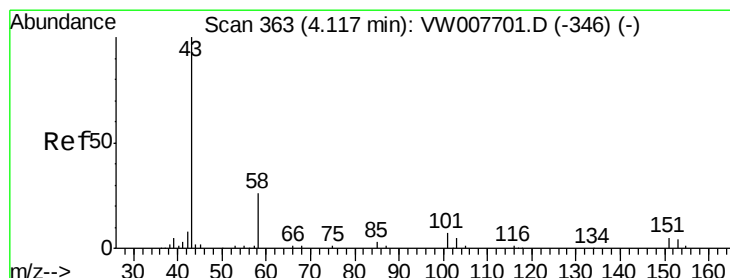
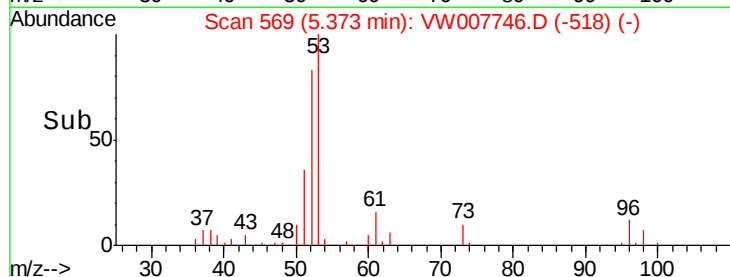
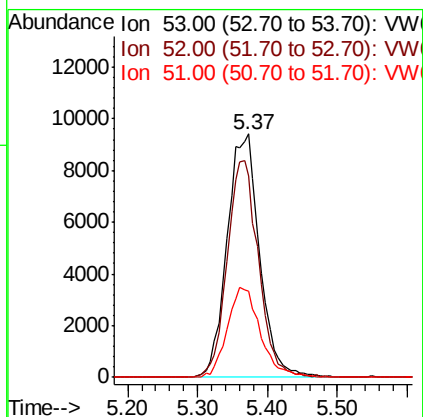
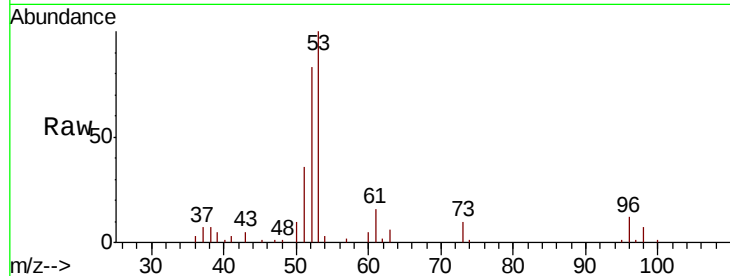
ClientSampleId :

VSTDCCC050

Tgt Ion:	53	Resp:	30341
Ion	Ratio	Lower	Upper
53	100		
52	85.6	67.0	100.4
51	37.6	30.2	45.2

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#16

Acetone

Concen: 225.948 ug/l

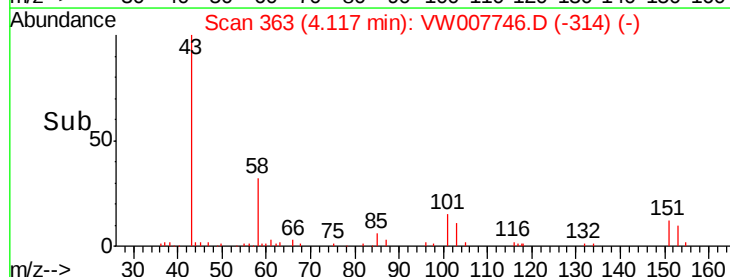
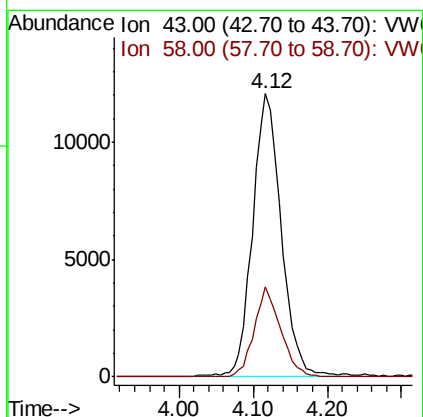
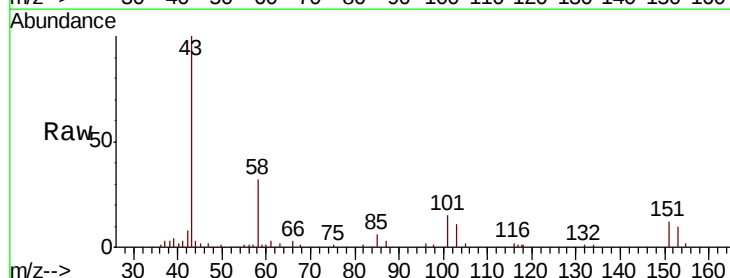
RT: 4.12 min Scan# 363

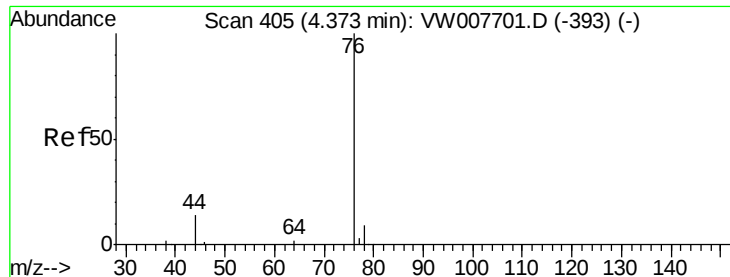
Delta R.T. -0.00 min

Lab File: VW007746.D

Acq: 20 Dec 2018 14:37

Tgt Ion:	43	Resp:	32569
Ion	Ratio	Lower	Upper
43	100		
58	31.6	21.2	31.8





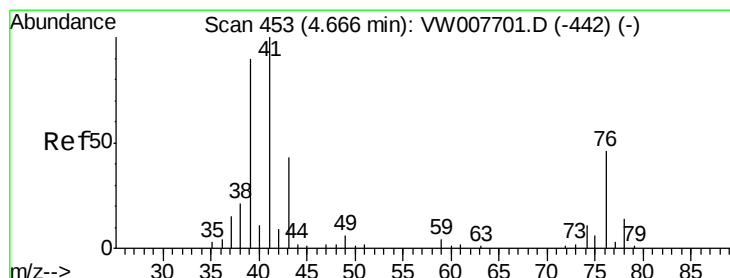
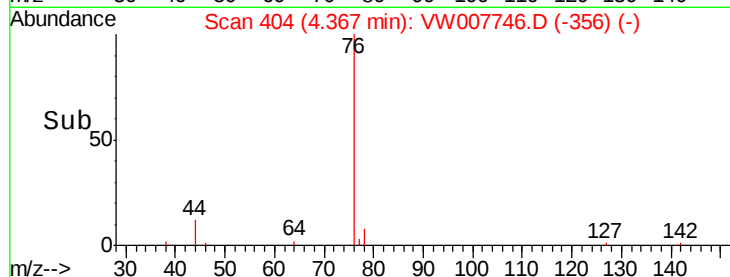
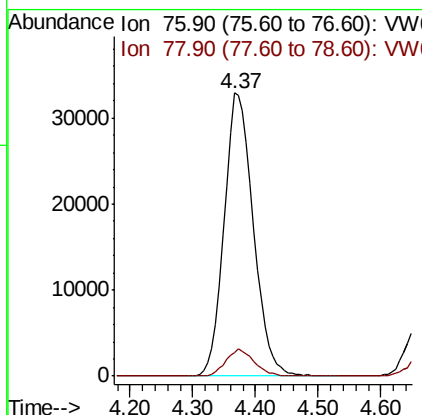
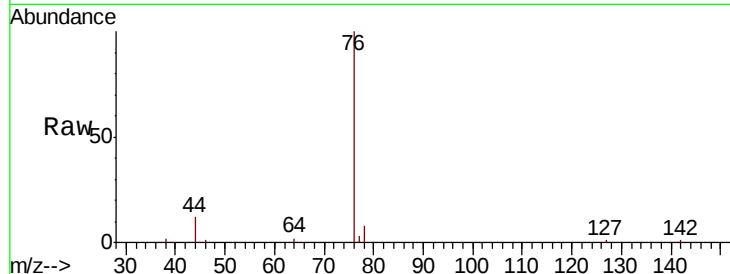
#17
Carbon Disulfide
Concen: 49.480 ug/l
RT: 4.37 min Scan# 404
Delta R.T. -0.01 min
Lab File: VW007746.D
Acq: 20 Dec 2018 14:37

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tgt Ion: 76 Resp: 106096
Ion Ratio Lower Upper
76 100
78 8.4 7.3 10.9

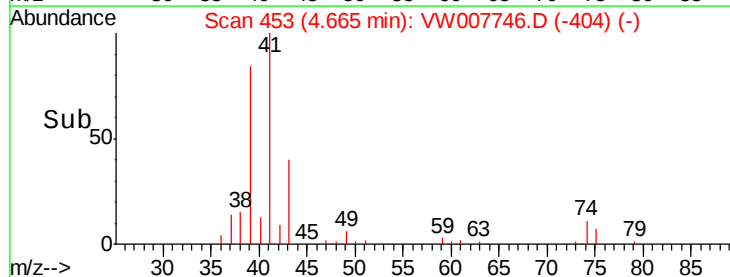
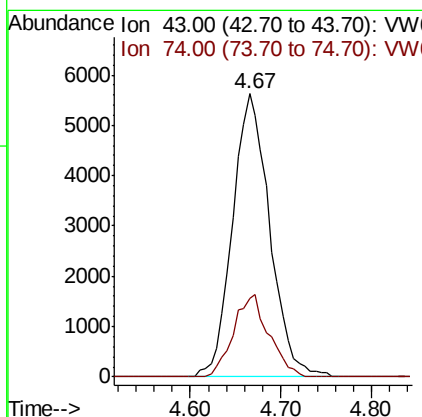
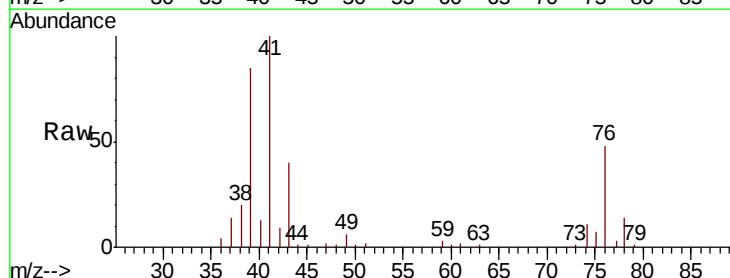
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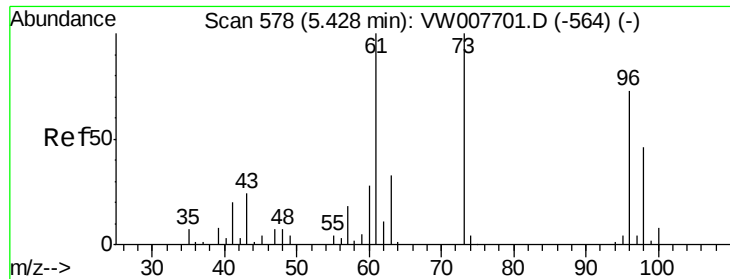
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#18
Methyl Acetate
Concen: 46.621 ug/l
RT: 4.67 min Scan# 453
Delta R.T. -0.00 min
Lab File: VW007746.D
Acq: 20 Dec 2018 14:37

Tgt Ion: 43 Resp: 15982
Ion Ratio Lower Upper
43 100
74 27.8 22.7 34.1





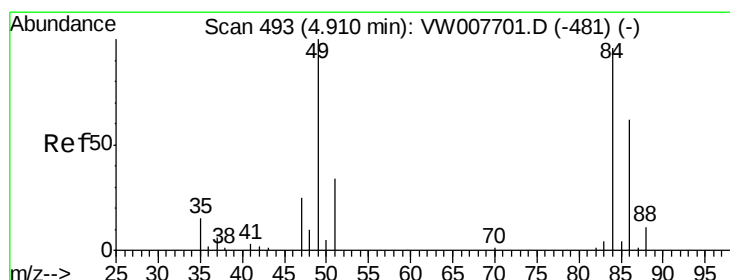
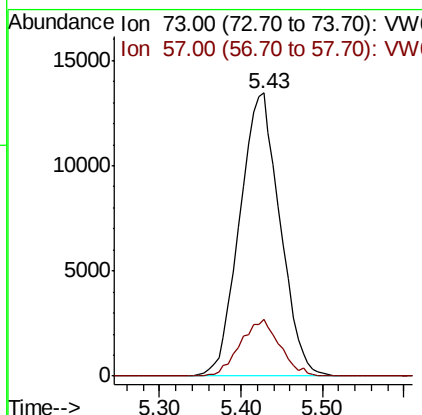
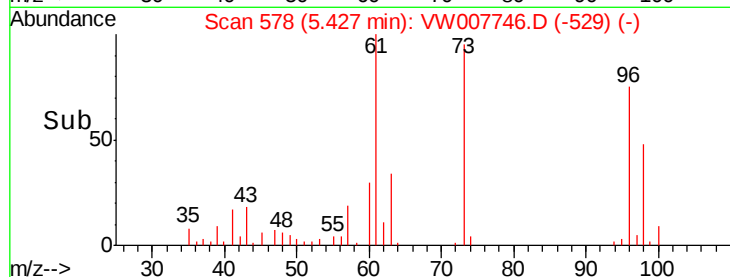
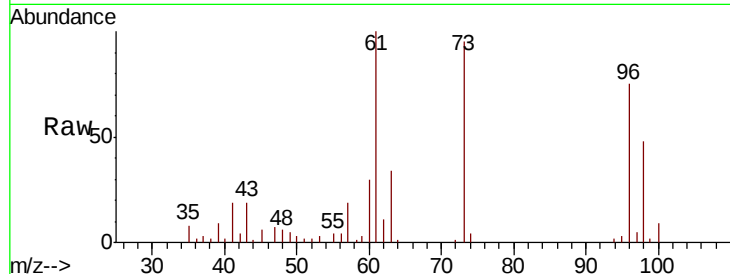
#19
Methyl tert-butyl Ether
Concen: 46.317 ug/l
RT: 5.43 min Scan# 578
Delta R.T. -0.00 min
Lab File: VW007746.D
Acq: 20 Dec 2018 14:37

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tgt Ion: 73 Resp: 46074
Ion Ratio Lower Upper
73 100
57 20.3 14.7 22.1

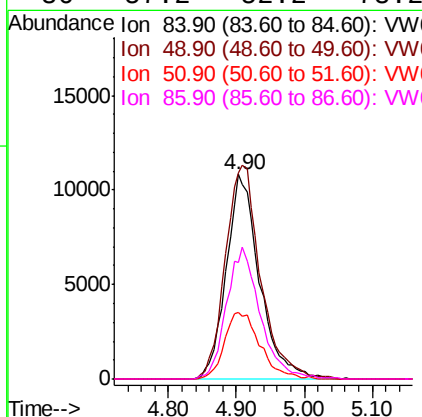
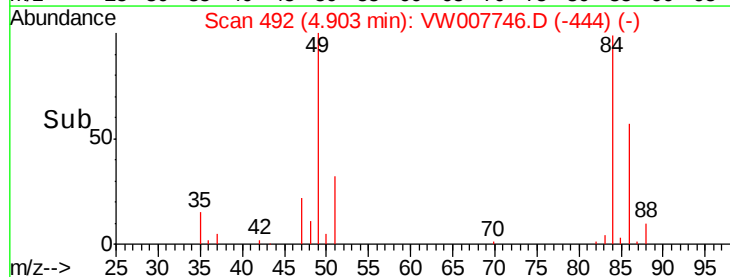
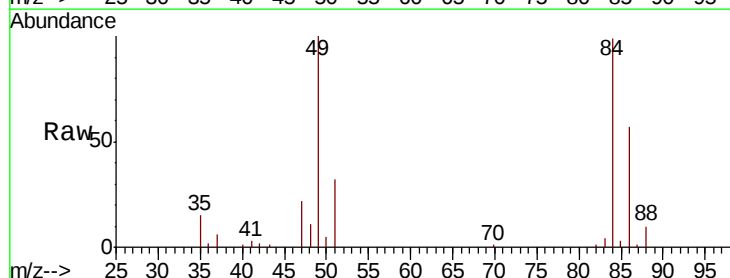
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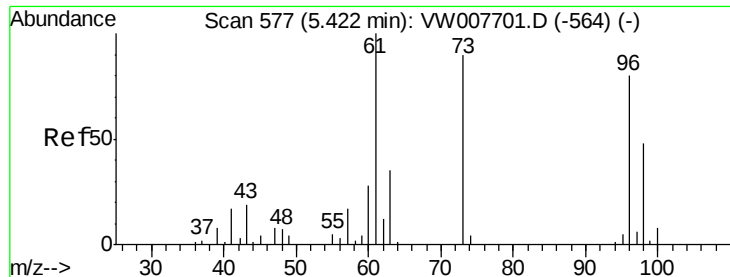
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#20
Methylene Chloride
Concen: 51.142 ug/l
RT: 4.90 min Scan# 492
Delta R.T. -0.01 min
Lab File: VW007746.D
Acq: 20 Dec 2018 14:37

Tgt Ion: 84 Resp: 36762
Ion Ratio Lower Upper
84 100
49 100.8 83.7 125.5
51 32.5 28.2 42.2
86 57.2 52.2 78.2





#21

trans-1,2-Dichloroethene

Concen: 48.887 ug/l

RT: 5.42 min Scan# 576

Delta R.T. -0.01 min

Lab File: VW007746.D

Acq: 20 Dec 2018 14:37

Instrument :

MSVOA_W

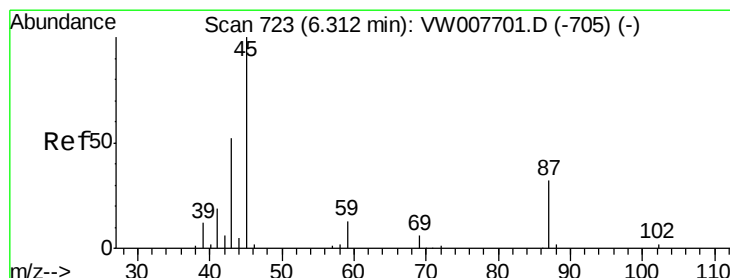
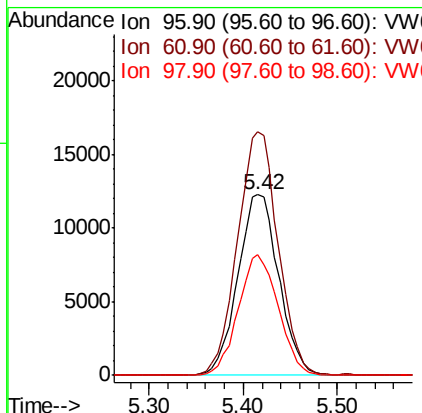
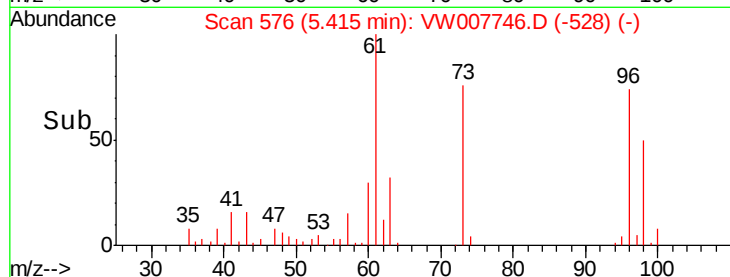
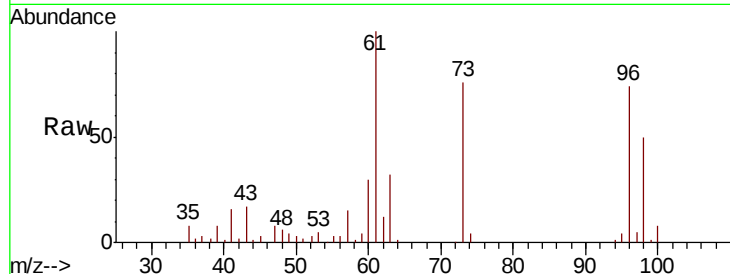
ClientSampleId :

VSTDCCC050

Tgt Ion:	96	Resp:	37255
Ion	Ratio	Lower	Upper
96	100		
61	134.8	100.1	150.1
98	66.8	48.5	72.7

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#22

Diisopropyl ether

Concen: 48.540 ug/l

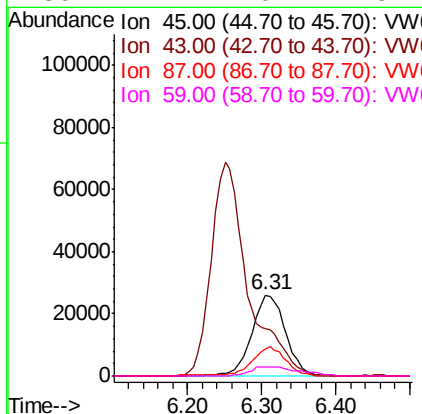
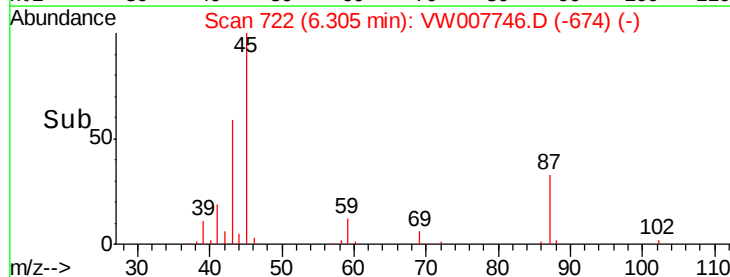
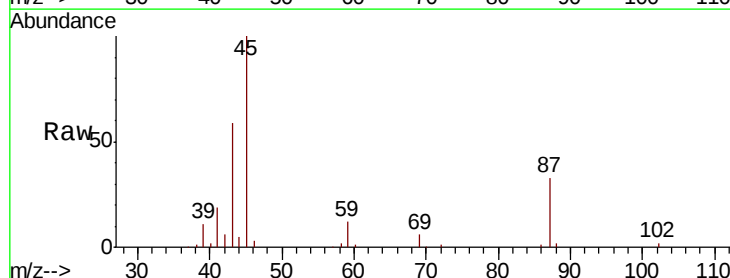
RT: 6.31 min Scan# 722

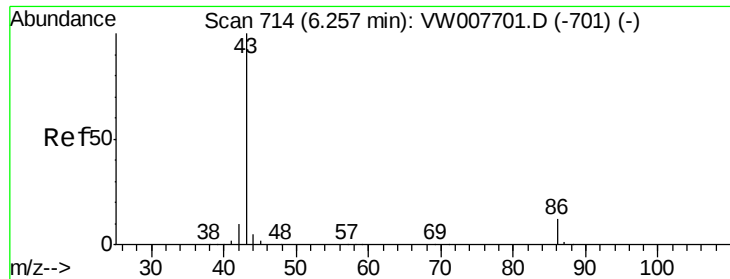
Delta R.T. -0.01 min

Lab File: VW007746.D

Acq: 20 Dec 2018 14:37

Tgt Ion:	45	Resp:	82586
Ion	Ratio	Lower	Upper
45	100		
43	58.2	43.7	65.5
87	32.8	26.6	40.0
59	11.1	10.2	15.2





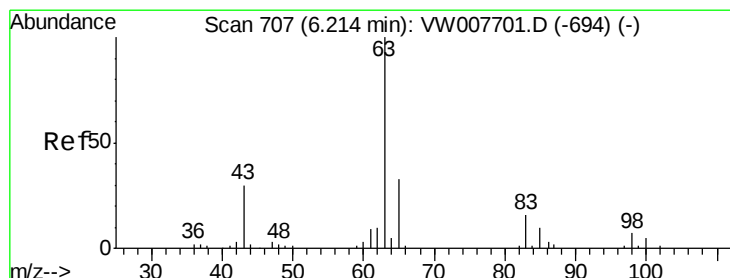
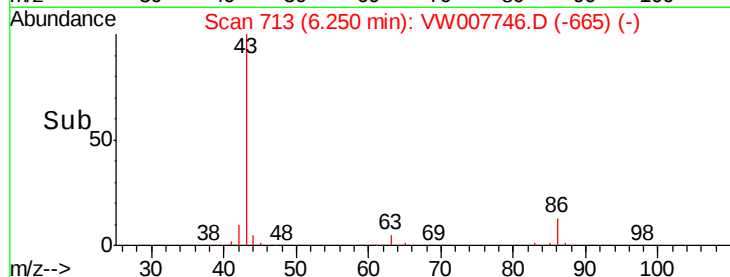
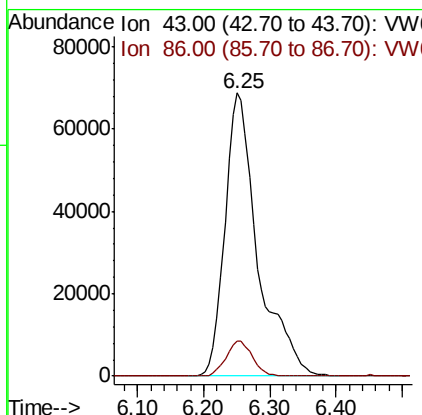
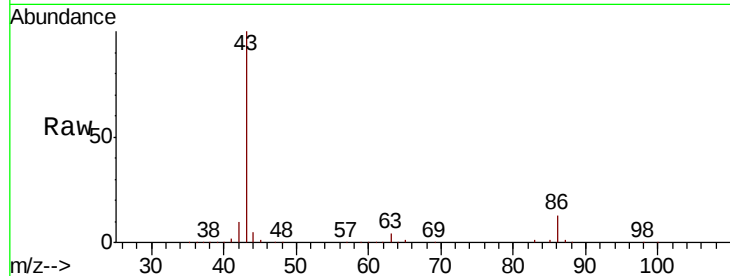
#23
 Vinyl Acetate
 Concen: 233.650 ug/l
 RT: 6.25 min Scan# 713
 Delta R.T. -0.01 min
 Lab File: VW007746.D
 Acq: 20 Dec 2018 14:37

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tgt Ion	Ratio	Lower	Upper
43	100		
86	12.6	9.6	14.4

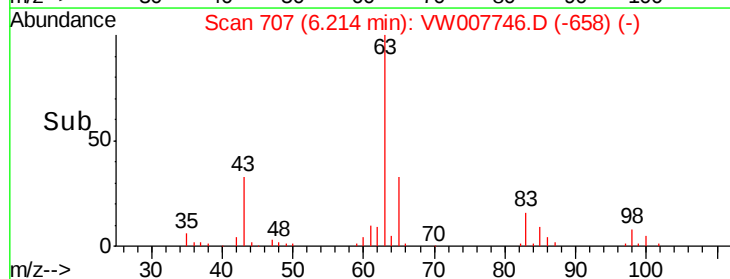
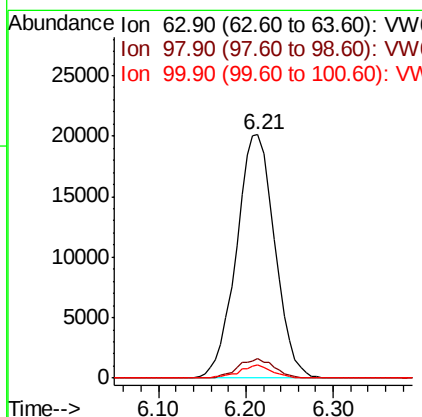
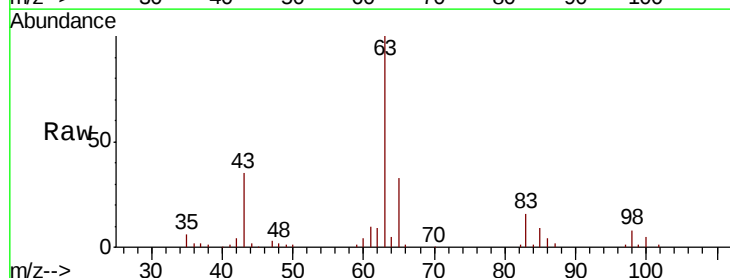
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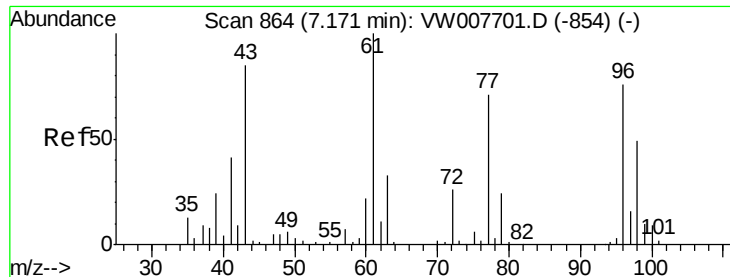
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#24
 1,1-Dichloroethane
 Concen: 48.985 ug/l
 RT: 6.21 min Scan# 707
 Delta R.T. -0.00 min
 Lab File: VW007746.D
 Acq: 20 Dec 2018 14:37

Tgt Ion	Ratio	Lower	Upper
63	100		
98	7.9	3.6	10.9
100	5.2	2.5	7.5





#25

2-Butanone

Concen: 216.105 ug/l

RT: 7.17 min Scan# 864

Delta R.T. -0.00 min

Lab File: VW007746.D

Acq: 20 Dec 2018 14:37

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tgt Ion: 43 Resp: 36486

Ion Ratio Lower Upper

43 100

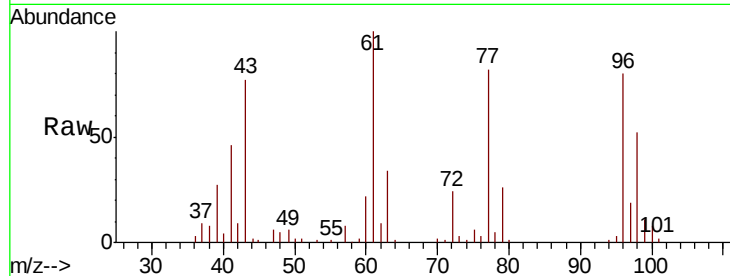
72 31.5 24.5 36.7

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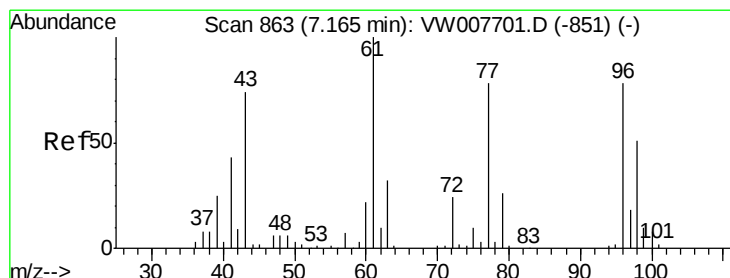
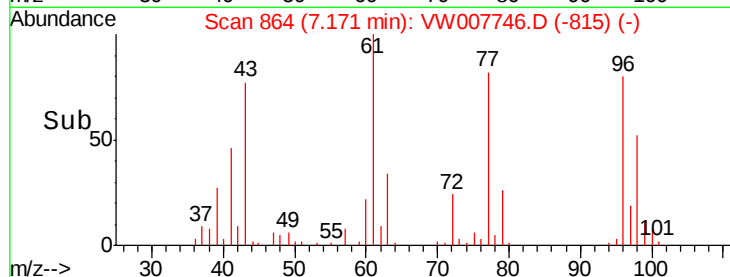
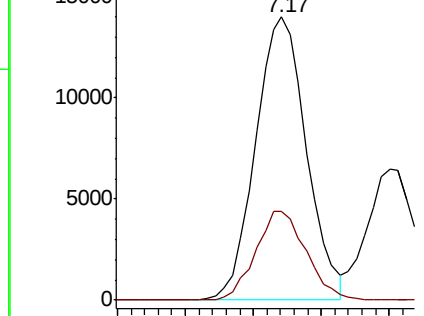
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Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 72.00 (71.70 to 72.70): VW



#26

2,2-Dichloropropane

Concen: 49.900 ug/l

RT: 7.16 min Scan# 863

Delta R.T. -0.00 min

Lab File: VW007746.D

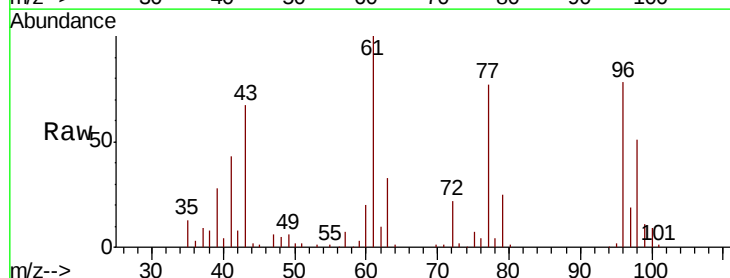
Acq: 20 Dec 2018 14:37

Tgt Ion: 77 Resp: 45704

Ion Ratio Lower Upper

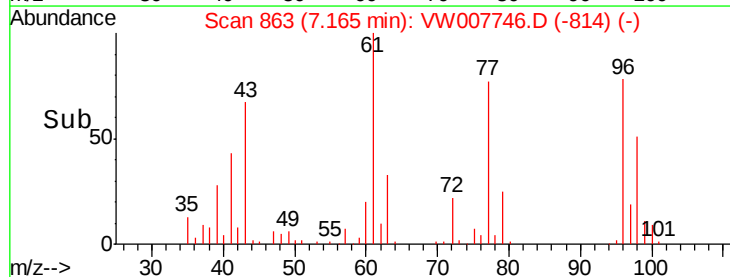
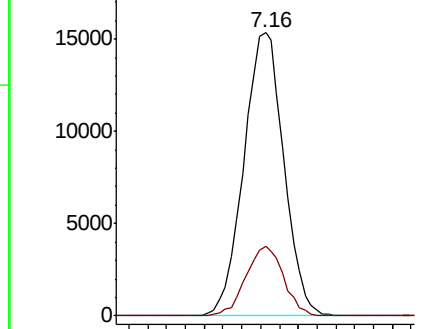
77 100

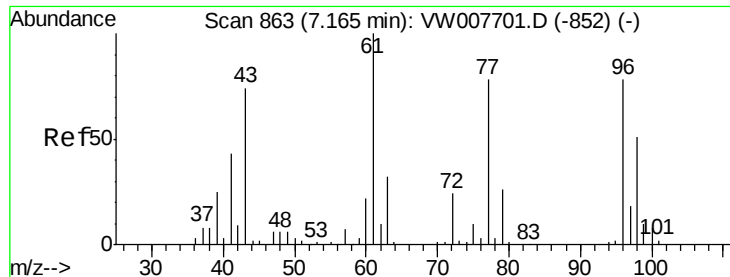
97 23.1 11.3 33.9



Abundance Ion 76.90 (76.60 to 77.60): VW

Ion 96.90 (96.60 to 97.60): VW





#27

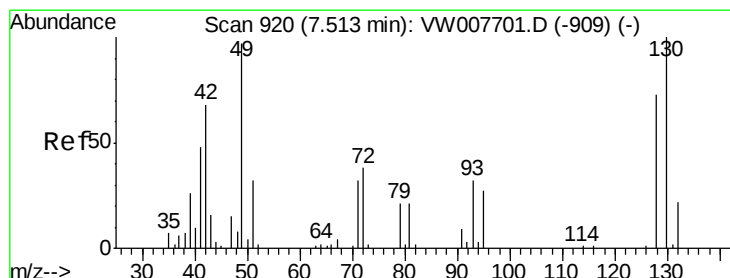
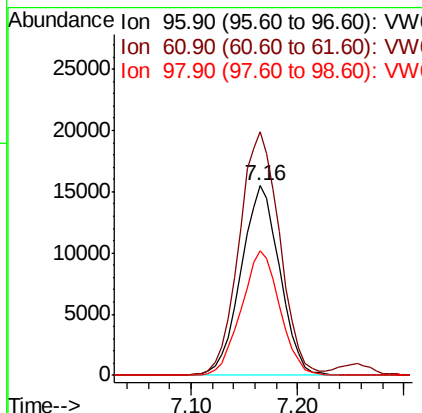
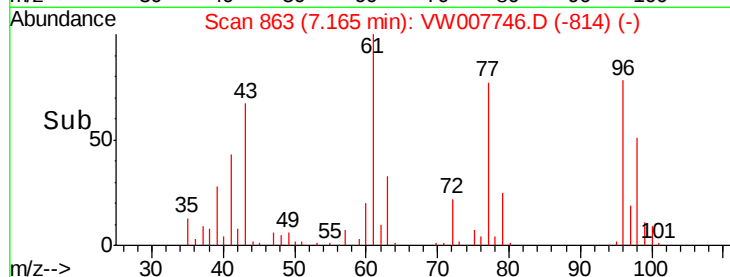
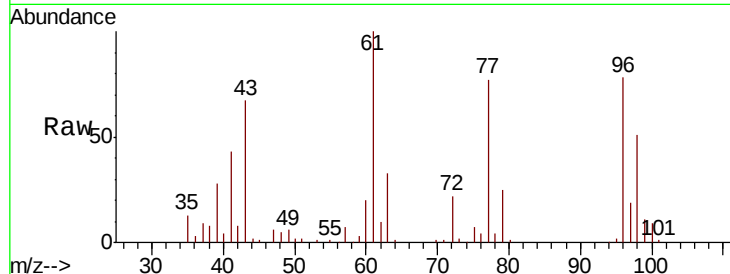
cis-1,2-Dichloroethene
Concen: 48.608 ug/l
RT: 7.16 min Scan# 863
Delta R.T. -0.00 min
Lab File: VW007746.D
Acq: 20 Dec 2018 14:37

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tgt Ion	Ratio	Lower	Upper
96	100		
61	134.3	0.0	271.6
98	65.4	0.0	131.2

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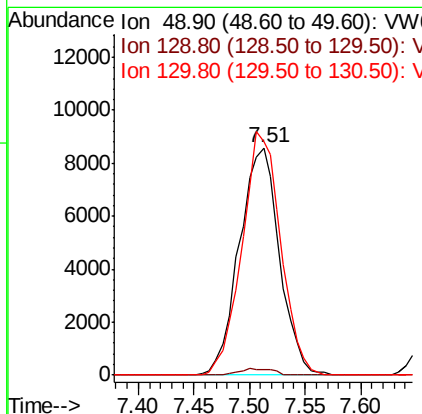
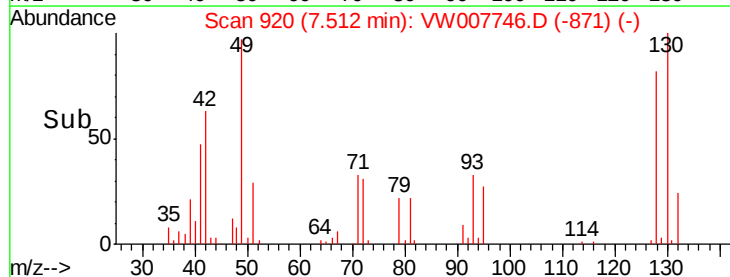
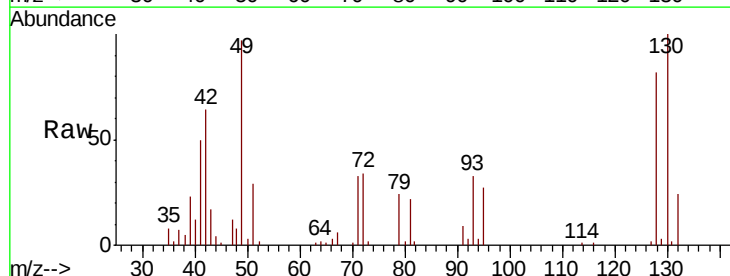
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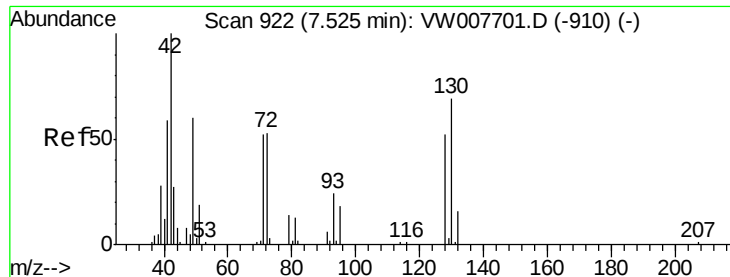


#28

Bromochloromethane
Concen: 50.420 ug/l
RT: 7.51 min Scan# 920
Delta R.T. -0.00 min
Lab File: VW007746.D
Acq: 20 Dec 2018 14:37

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.5	0.0	2.2#
130	103.1	81.5	122.3





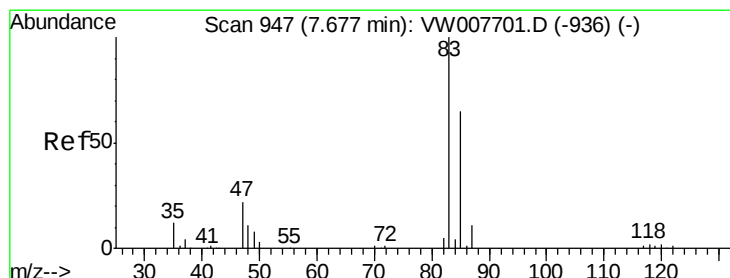
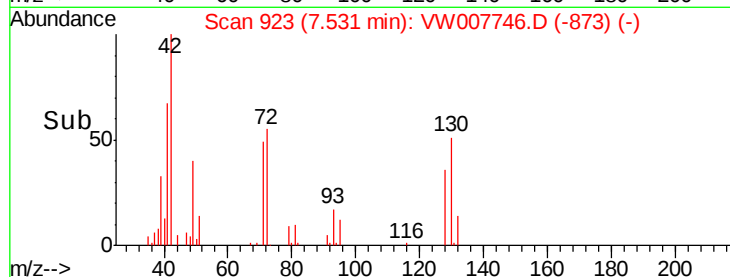
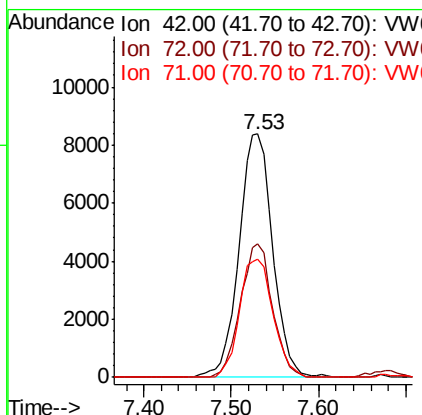
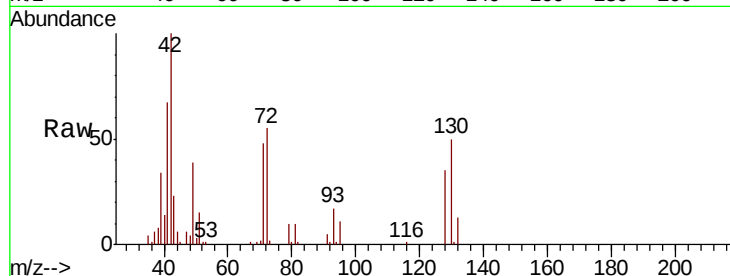
#29
Tetrahydrofuran
Concen: 222.249 ug/l
RT: 7.53 min Scan# 923
Delta R.T. 0.01 min
Lab File: VW007746.D
Acq: 20 Dec 2018 14:37

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tgt Ion	Ratio	Lower	Upper
42	100		
72	51.9	41.7	62.5
71	48.4	39.0	58.6

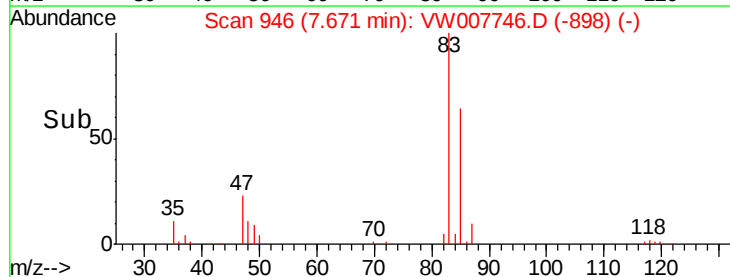
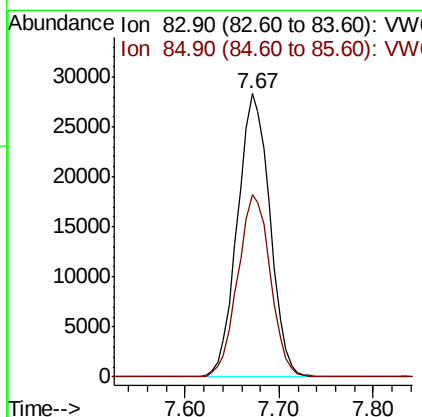
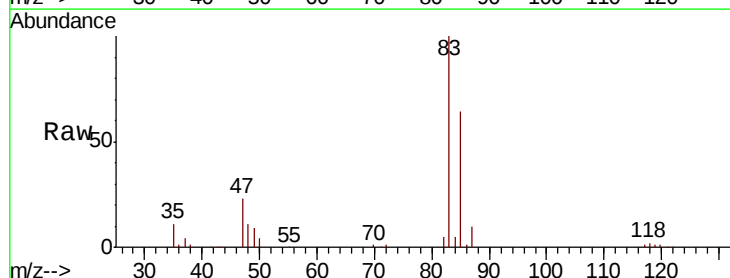
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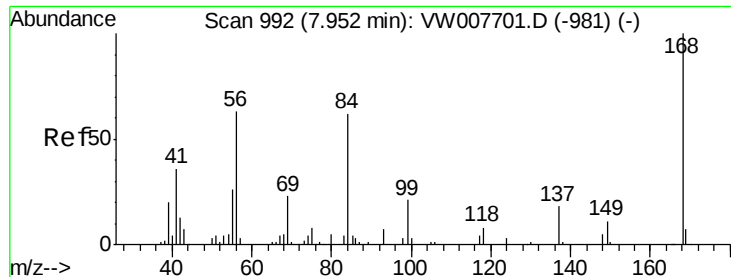
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#30
Chloroform
Concen: 48.202 ug/l
RT: 7.67 min Scan# 946
Delta R.T. -0.01 min
Lab File: VW007746.D
Acq: 20 Dec 2018 14:37

Tgt Ion	Ratio	Lower	Upper
83	100		
85	64.2	52.2	78.2





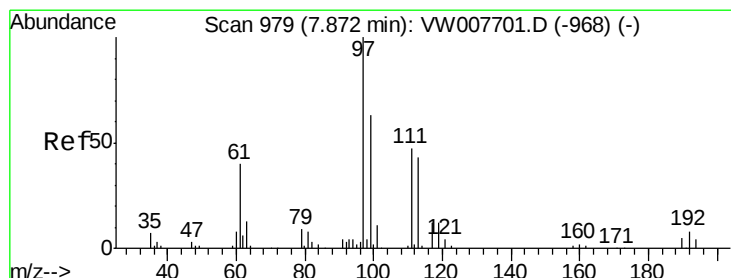
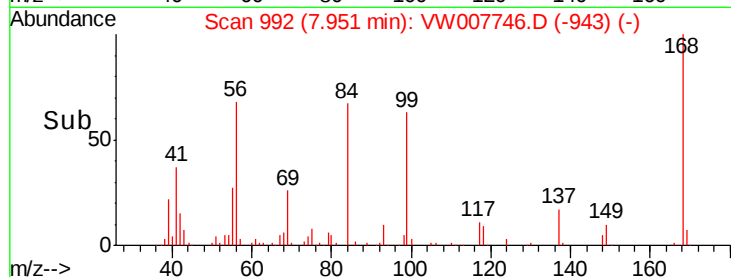
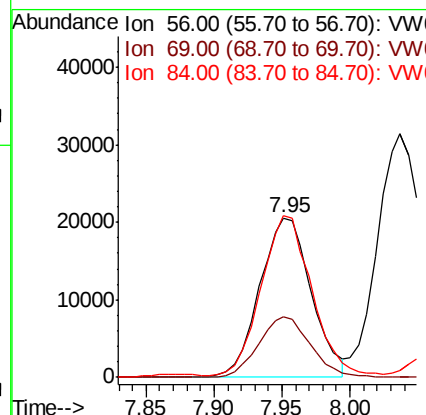
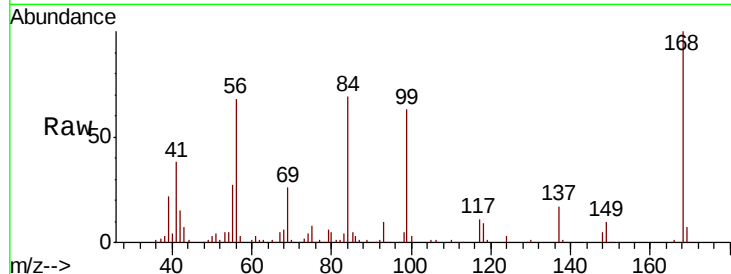
#31
Cyclohexane
Concen: 47.293 ug/l
RT: 7.95 min Scan# 992
Delta R.T. -0.00 min
Lab File: VW007746.D
Acq: 20 Dec 2018 14:37

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tgt Ion	Ratio	Lower	Upper
56	100		
69	38.2	29.7	44.5
84	99.5	78.9	118.3

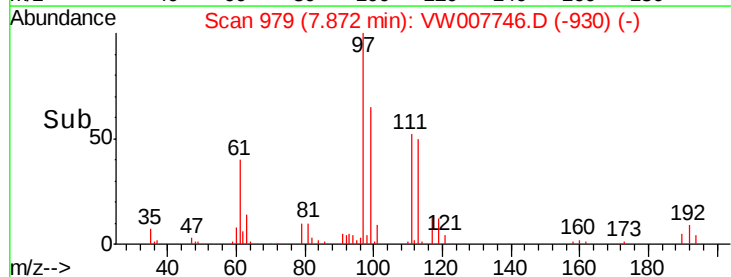
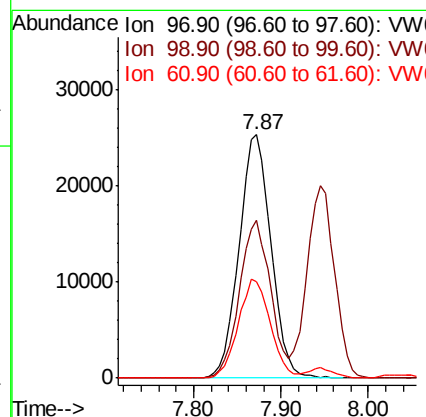
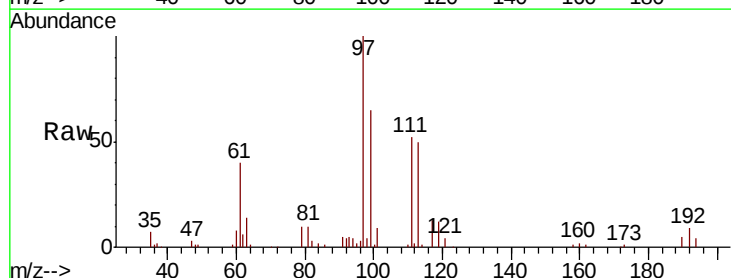
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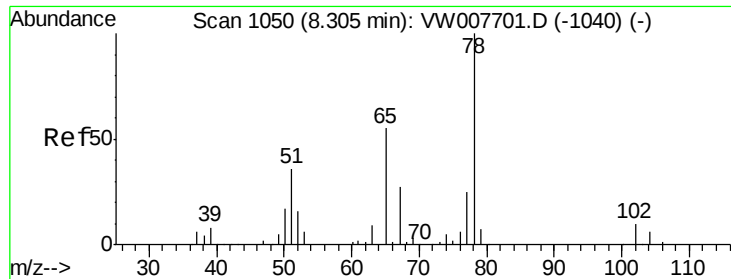
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#32
1,1,1-Trichloroethane
Concen: 49.758 ug/l
RT: 7.87 min Scan# 979
Delta R.T. -0.00 min
Lab File: VW007746.D
Acq: 20 Dec 2018 14:37

Tgt Ion	Ratio	Lower	Upper
97	100		
99	63.4	50.6	76.0
61	40.9	32.3	48.5





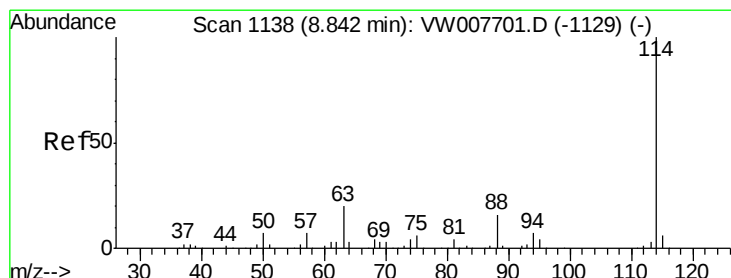
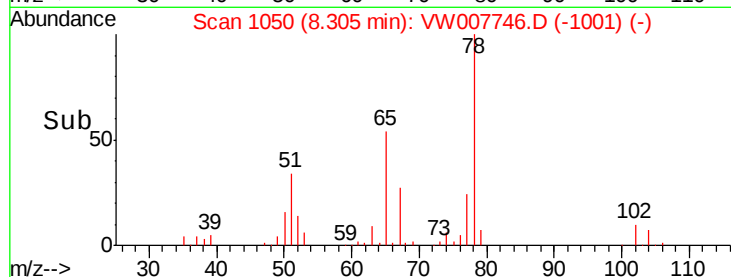
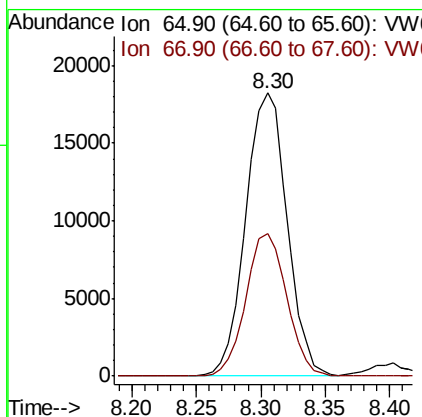
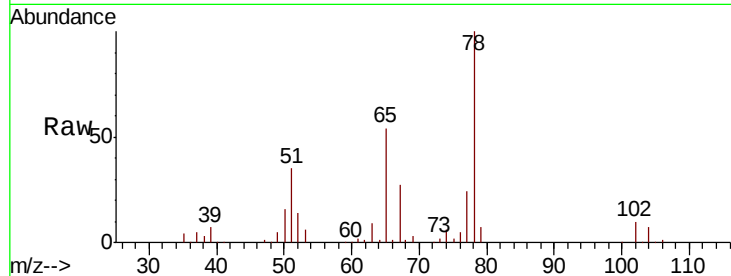
#33
 1,2-Dichloroethane-d4
 Concen: 52.694 ug/l
 RT: 8.30 min Scan# 1050
 Delta R.T. -0.00 min
 Lab File: VW007746.D
 Acq: 20 Dec 2018 14:37

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tgt Ion: 65 Resp: 40561
 Ion Ratio Lower Upper
 65 100
 67 49.6 0.0 100.6

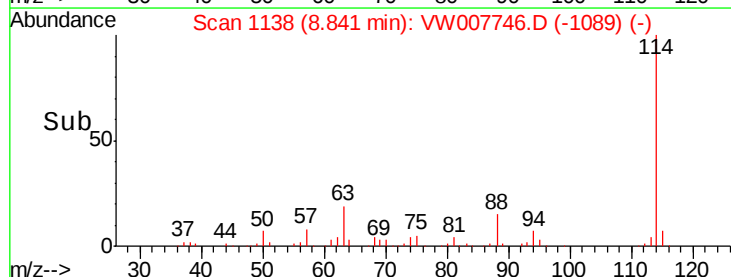
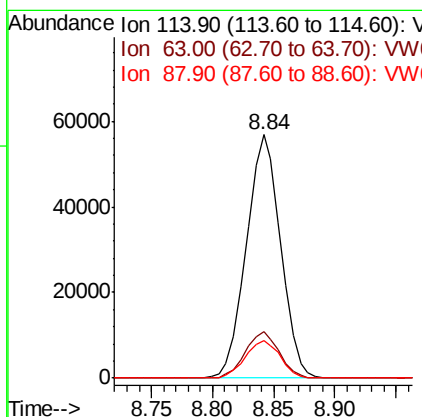
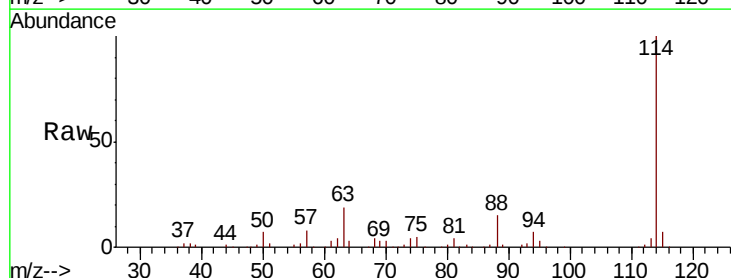
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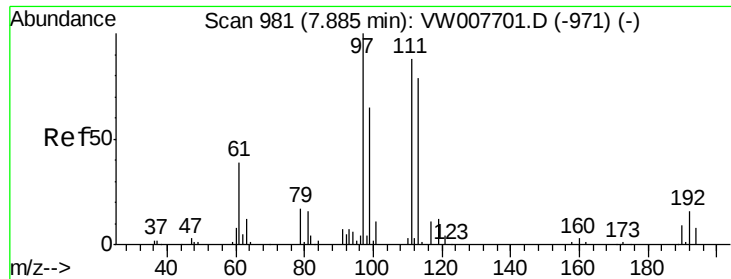
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VW007746.D
 Acq: 20 Dec 2018 14:37

Tgt Ion: 114 Resp: 110367
 Ion Ratio Lower Upper
 114 100
 63 19.3 0.0 40.0
 88 15.3 0.0 32.6





#35

Dibromofluoromethane

Concen: 55.512 ug/l

RT: 7.88 min Scan# 981

Delta R.T. -0.00 min

Lab File: VW007746.D

Acq: 20 Dec 2018 14:37

Instrument :

MSVOA_W

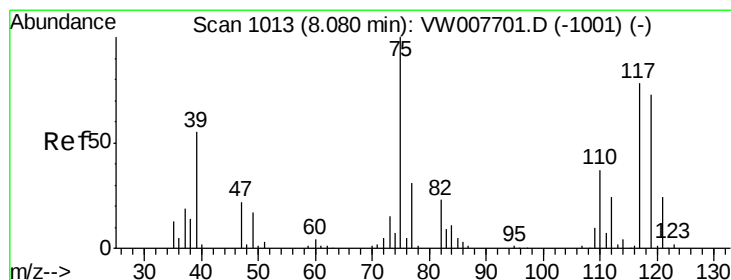
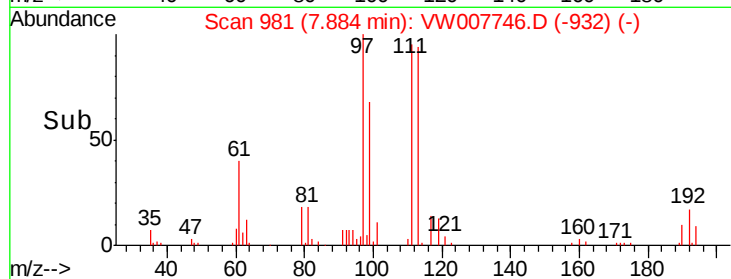
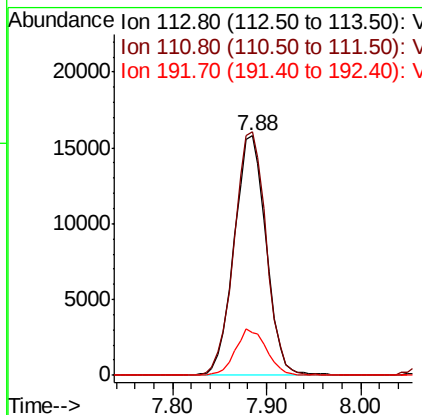
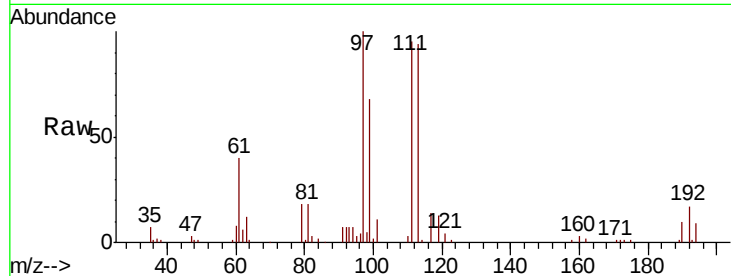
ClientSampleId :

VSTDCCC050

Tgt Ion	Ratio	Lower	Upper
113	100		
111	101.8	82.6	124.0
192	18.8	15.5	23.3

Manual Integrations
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#36

1,1-Dichloropropene

Concen: 51.378 ug/l

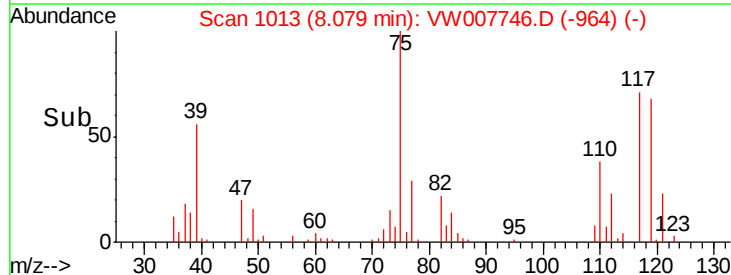
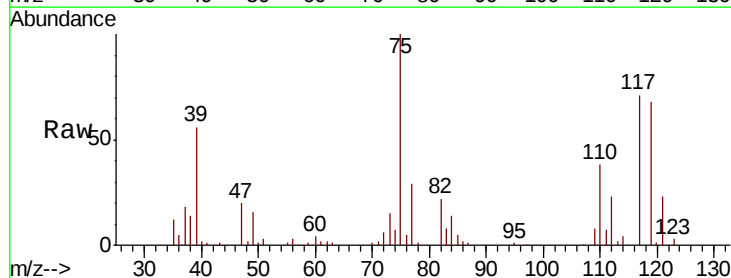
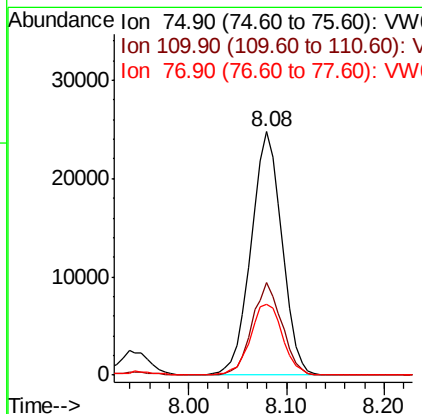
RT: 8.08 min Scan# 1013

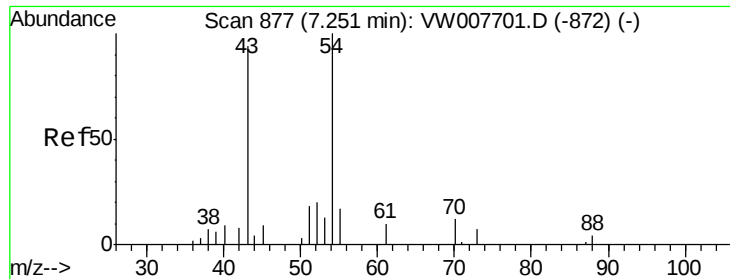
Delta R.T. -0.00 min

Lab File: VW007746.D

Acq: 20 Dec 2018 14:37

Tgt Ion	Ratio	Lower	Upper
75	100		
110	36.3	18.6	55.8
77	30.6	25.0	37.4





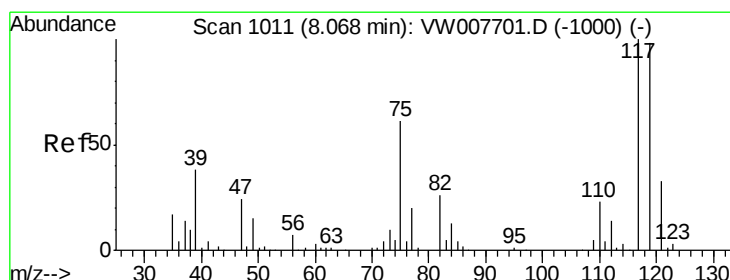
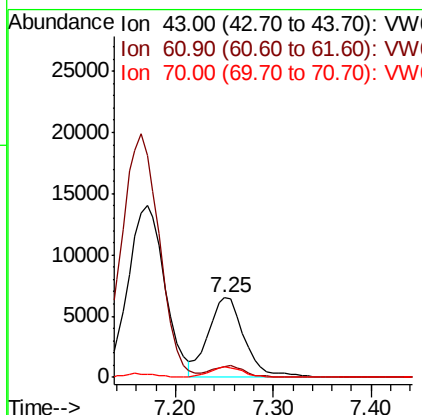
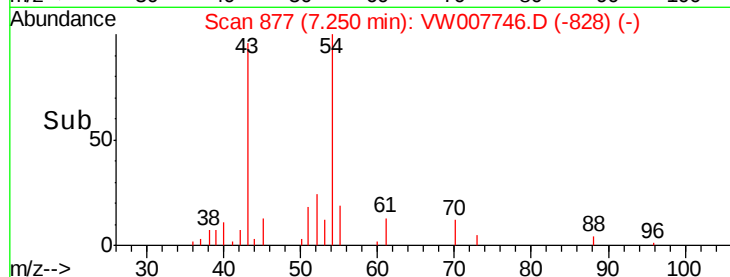
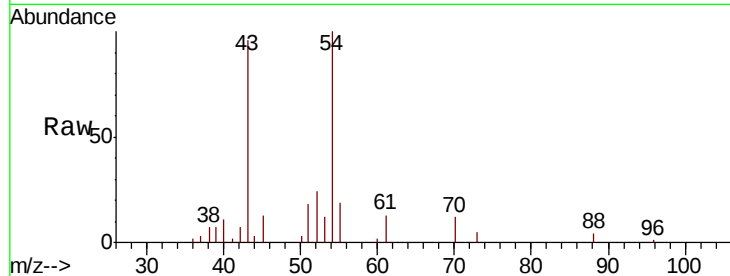
#37
Ethyl Acetate
Concen: 45.641 ug/l
RT: 7.25 min Scan# 877
Delta R.T. -0.00 min
Lab File: VW007746.D
Acq: 20 Dec 2018 14:37

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tgt Ion	Ratio	Lower	Upper
43	100		
61	12.8	11.2	16.8
70	12.3	9.3	13.9

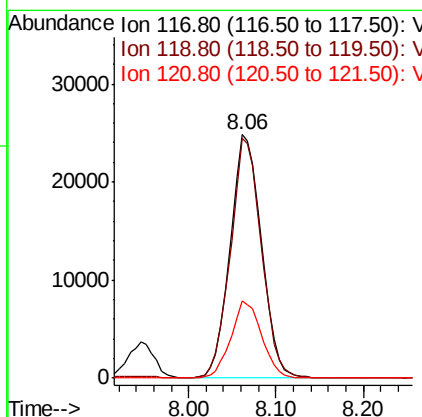
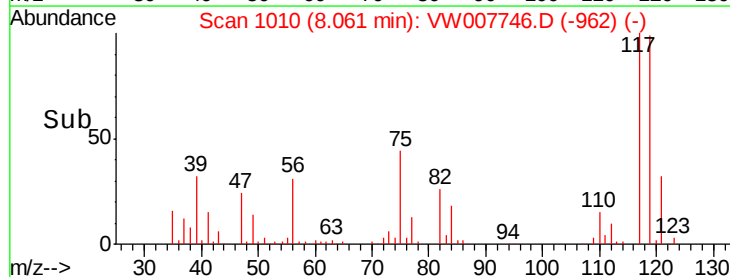
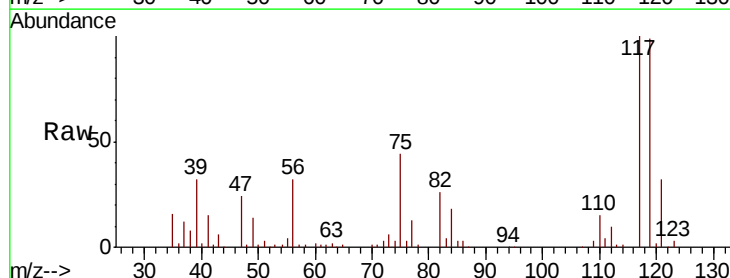
Manual Integrations
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#38
Carbon Tetrachloride
Concen: 49.352 ug/l
RT: 8.06 min Scan# 1010
Delta R.T. -0.01 min
Lab File: VW007746.D
Acq: 20 Dec 2018 14:37

Tgt Ion	Ratio	Lower	Upper
117	100		
119	98.7	78.2	117.2
121	31.9	26.1	39.1





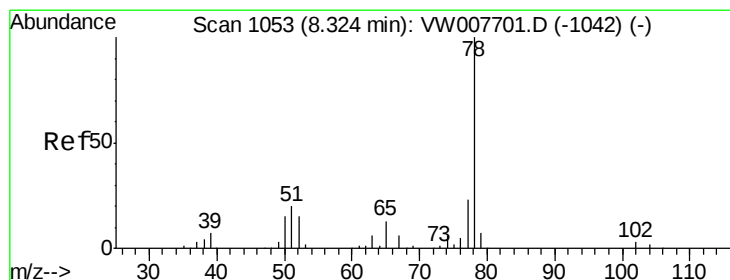
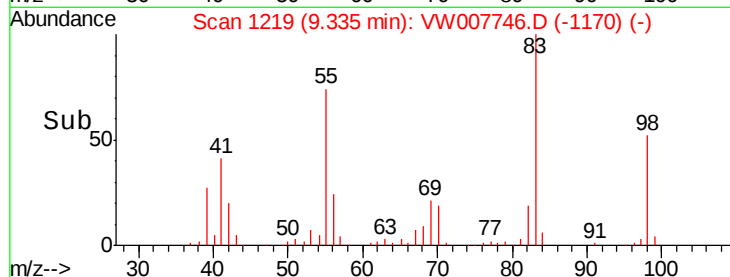
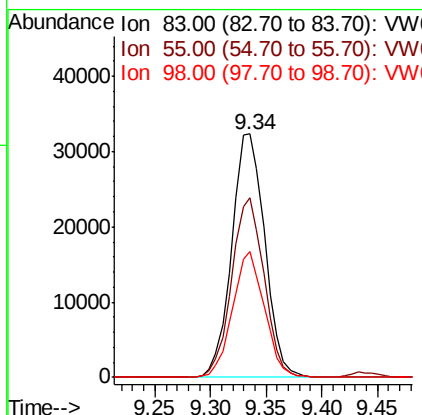
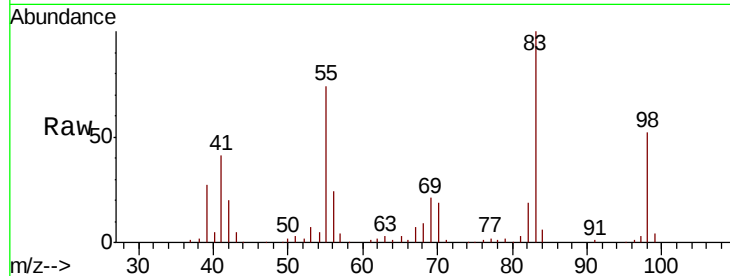
#39
Methylcyclohexane
Concen: 50.376 ug/l
RT: 9.34 min Scan# 1219
Delta R.T. -0.00 min
Lab File: VW007746.D
Acq: 20 Dec 2018 14:37

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tgt Ion	Ratio	Lower	Upper
83	100		
55	74.0	57.2	85.8
98	51.8	38.6	58.0

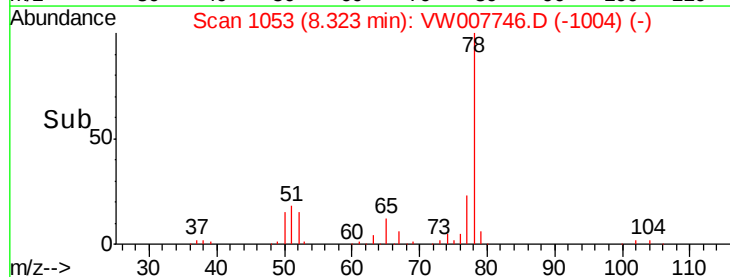
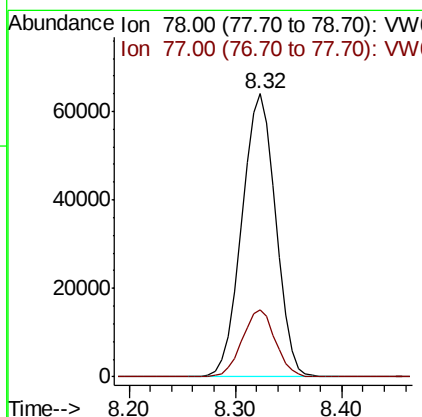
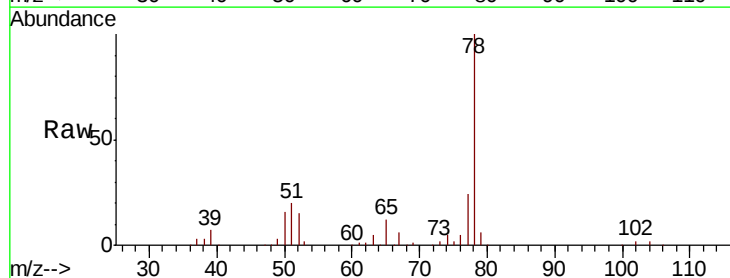
Manual Integrations
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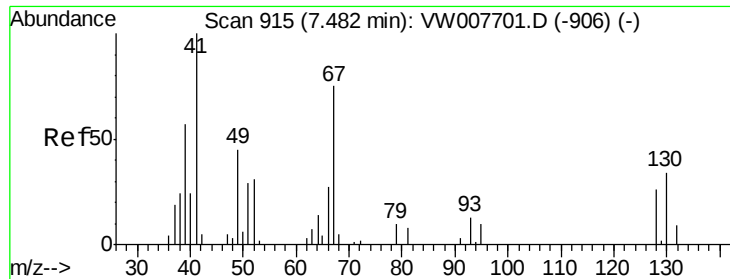
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#40
Benzene
Concen: 50.196 ug/l
RT: 8.32 min Scan# 1053
Delta R.T. -0.00 min
Lab File: VW007746.D
Acq: 20 Dec 2018 14:37

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.6	18.7	28.1





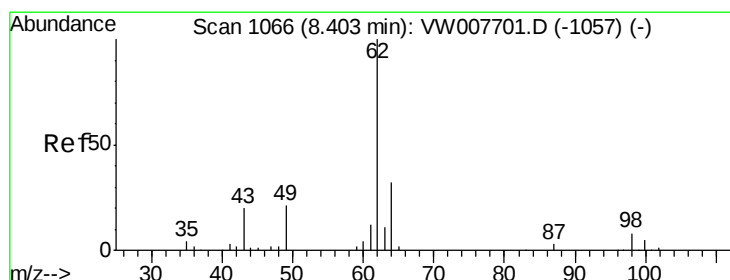
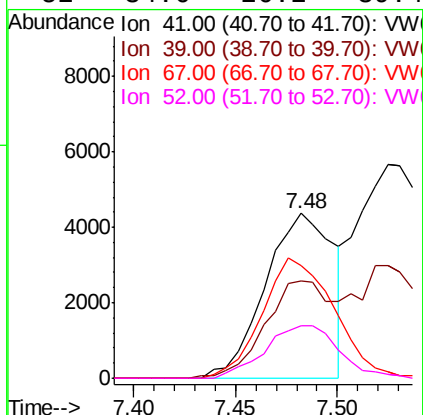
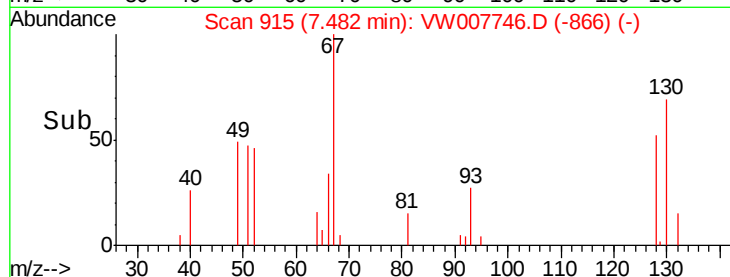
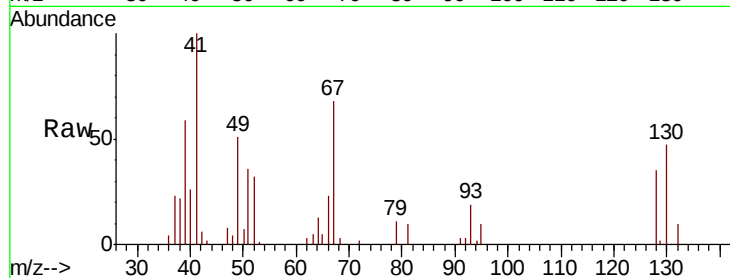
#41
Methacrylonitrile
Concen: 48.854 ug/l
RT: 7.48 min Scan# 915
Delta R.T. -0.00 min
Lab File: VW007746.D
Acq: 20 Dec 2018 14:37

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tgt Ion	Ratio	Lower	Upper
41	100		
39	58.6	54.2	81.4
67	76.5	65.7	98.5
52	34.6	26.2	39.4

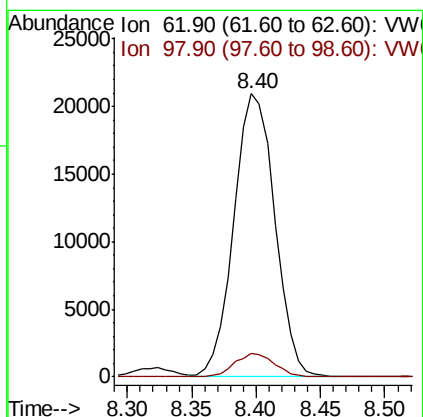
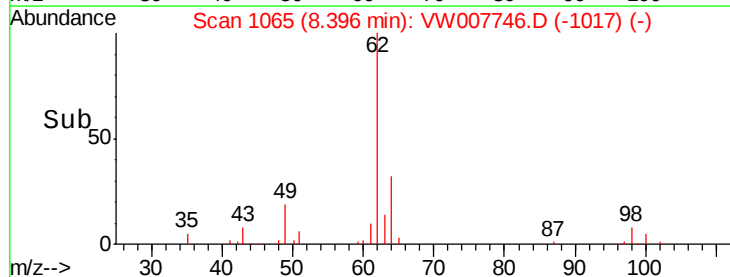
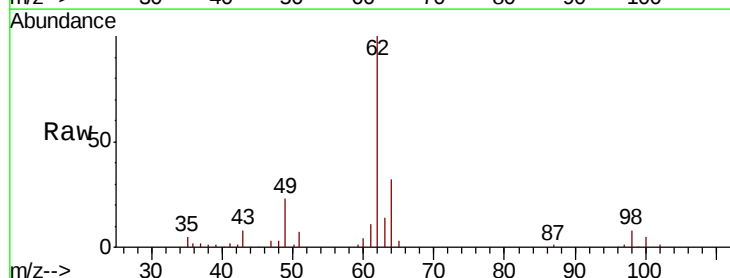
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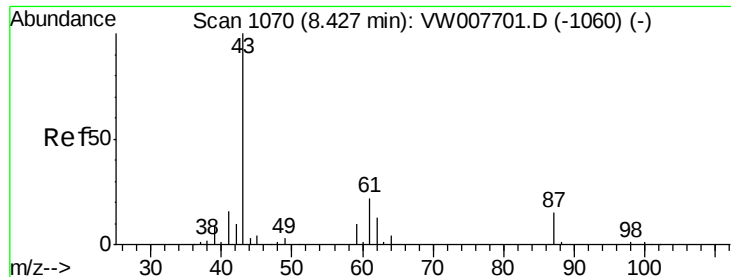
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#42
1,2-Dichloroethane
Concen: 48.510 ug/l
RT: 8.40 min Scan# 1065
Delta R.T. -0.01 min
Lab File: VW007746.D
Acq: 20 Dec 2018 14:37

Tgt Ion	Ratio	Lower	Upper
62	100		
98	8.0	0.0	16.6





#43

Isopropyl Acetate

Concen: 44.794 ug/l

RT: 8.43 min Scan# 1070

Delta R.T. -0.00 min

Lab File: VW007746.D

Acq: 20 Dec 2018 14:37

Instrument :

MSVOA_W

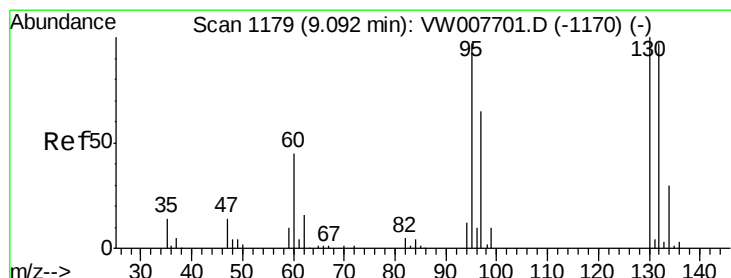
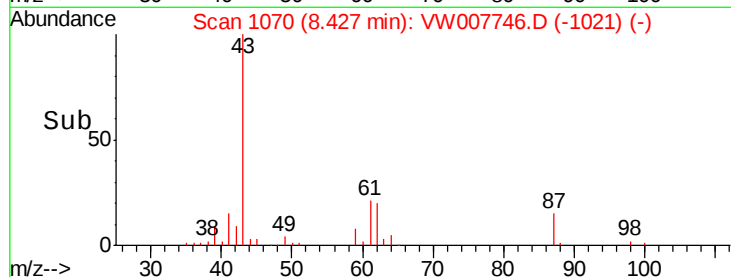
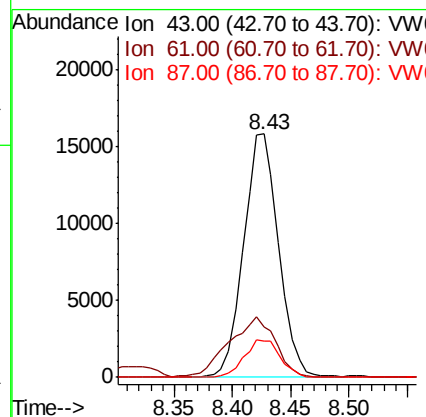
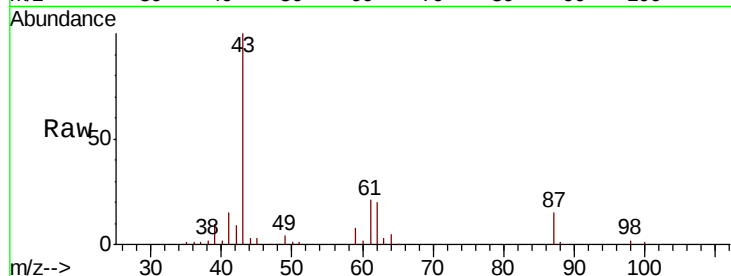
ClientSampleId :

VSTDCCC050

Tgt Ion:	43	Resp:	32992
Ion	Ratio	Lower	Upper
43	100		
61	32.7	26.3	39.5
87	15.6	12.0	18.0

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#44

Trichloroethene

Concen: 50.317 ug/l

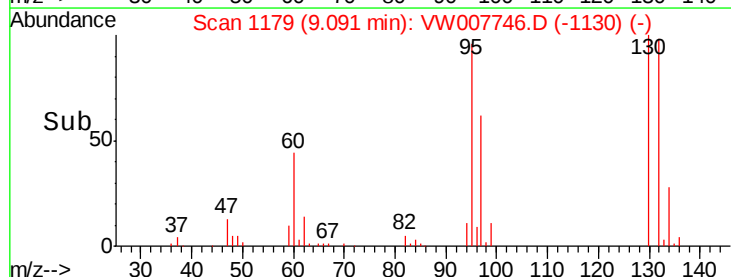
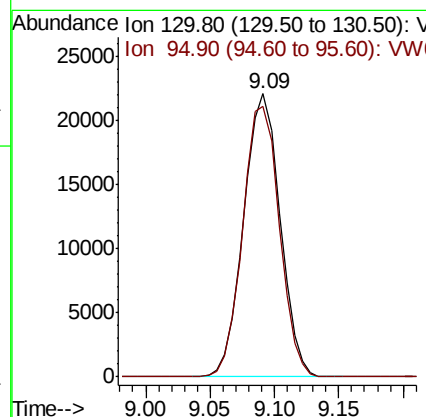
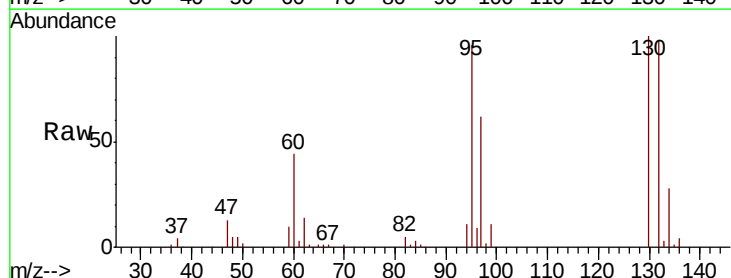
RT: 9.09 min Scan# 1179

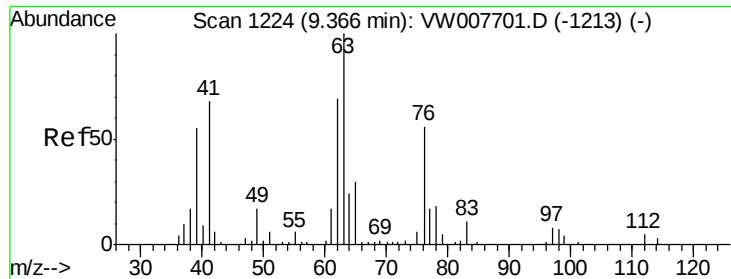
Delta R.T. -0.00 min

Lab File: VW007746.D

Acq: 20 Dec 2018 14:37

Tgt Ion:	130	Resp:	43254
Ion	Ratio	Lower	Upper
130	100		
95	95.7	0.0	194.8





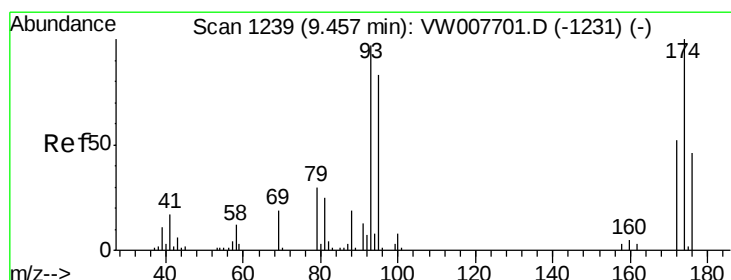
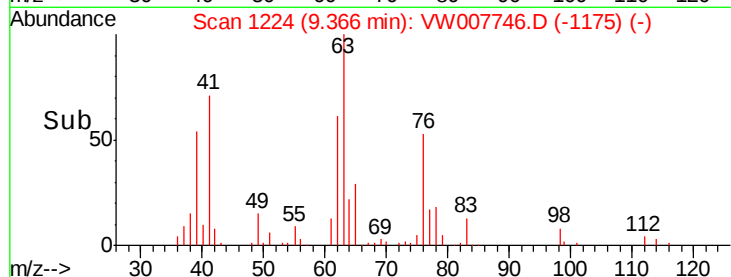
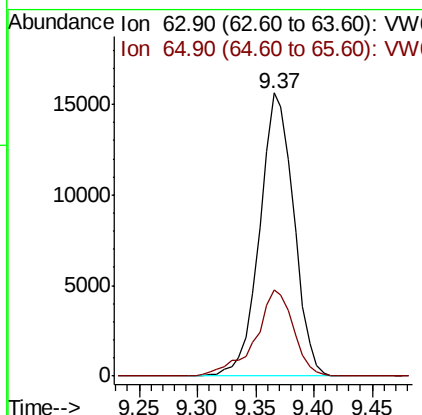
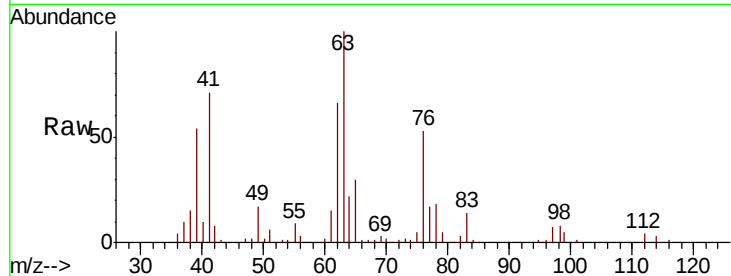
#45
 1,2-Dichloropropane
 Concen: 50.041 ug/l
 RT: 9.37 min Scan# 1224
 Delta R.T. -0.00 min
 Lab File: VW007746.D
 Acq: 20 Dec 2018 14:37

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tgt Ion: 63 Resp: 31563
 Ion Ratio Lower Upper
 63 100
 65 30.3 23.8 35.8

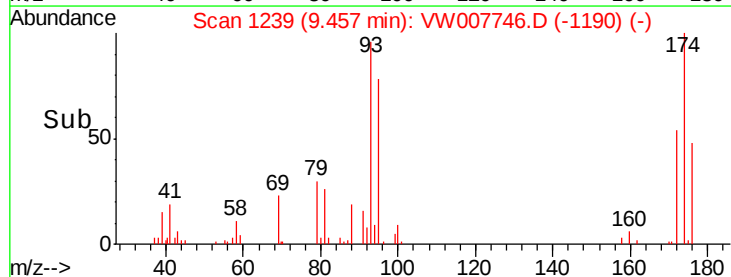
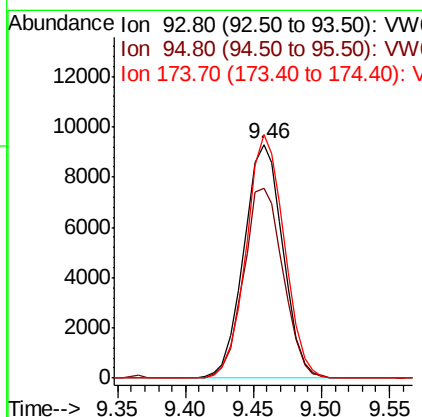
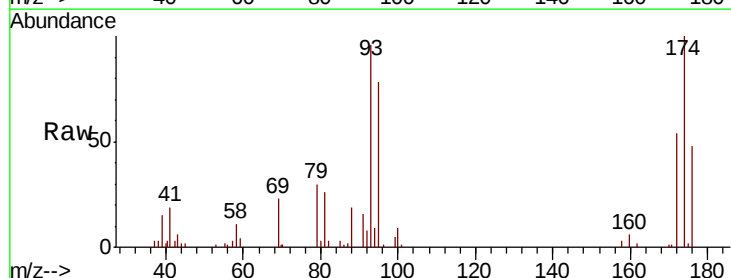
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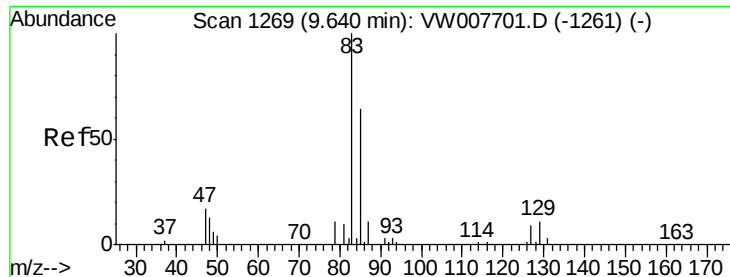
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#46
 Dibromomethane
 Concen: 47.941 ug/l
 RT: 9.46 min Scan# 1239
 Delta R.T. -0.00 min
 Lab File: VW007746.D
 Acq: 20 Dec 2018 14:37

Tgt Ion: 93 Resp: 18614
 Ion Ratio Lower Upper
 93 100
 95 82.7 67.5 101.3
 174 101.4 83.9 125.9





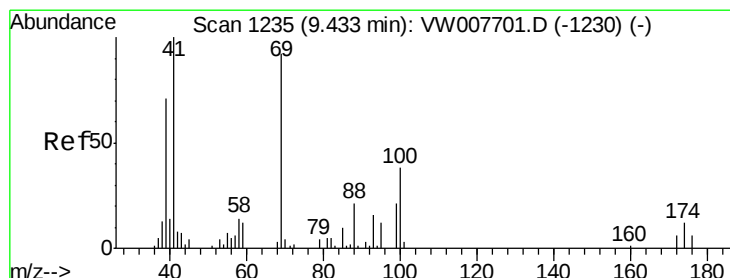
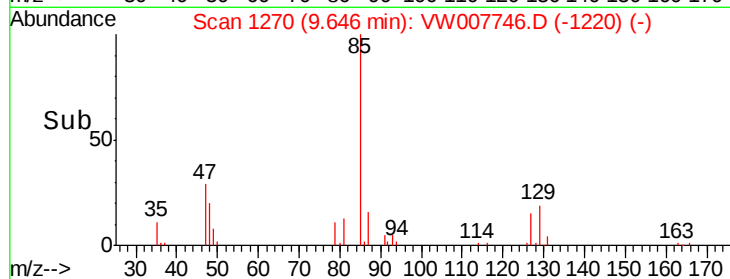
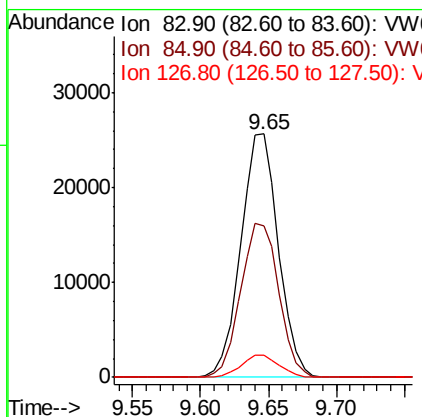
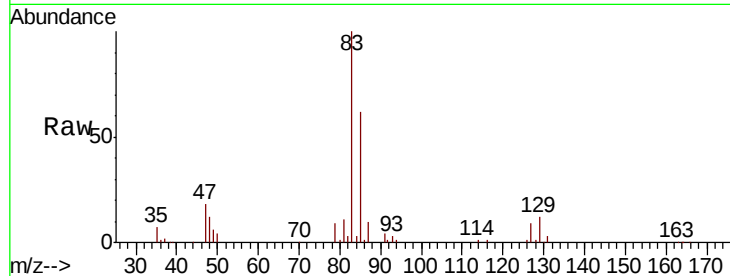
#47
Bromodichloromethane
Concen: 48.439 ug/l
RT: 9.65 min Scan# 1270
Delta R.T. 0.01 min
Lab File: VW007746.D
Acq: 20 Dec 2018 14:37

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tgt Ion	Ratio	Lower	Upper
83	100		
85	62.1	51.4	77.0
127	9.0	7.5	11.3

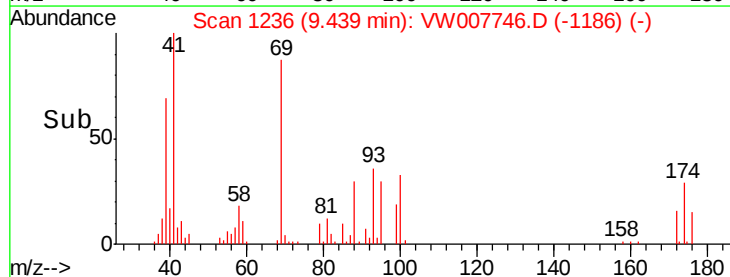
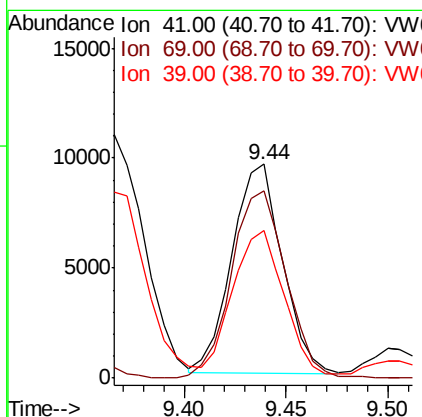
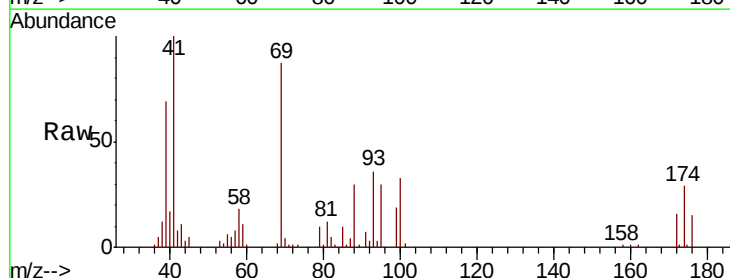
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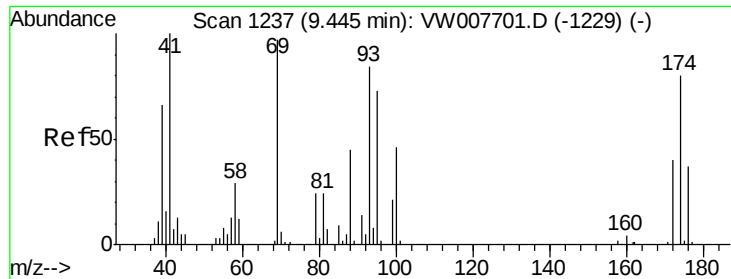
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#48
Methyl methacrylate
Concen: 44.435 ug/l
RT: 9.44 min Scan# 1236
Delta R.T. 0.01 min
Lab File: VW007746.D
Acq: 20 Dec 2018 14:37

Tgt Ion	Ratio	Lower	Upper
41	100		
69	96.9	74.2	111.2
39	68.6	53.9	80.9





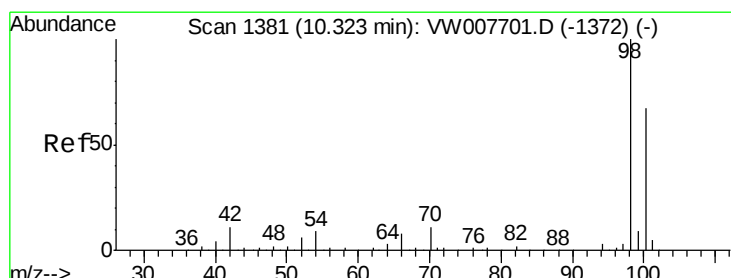
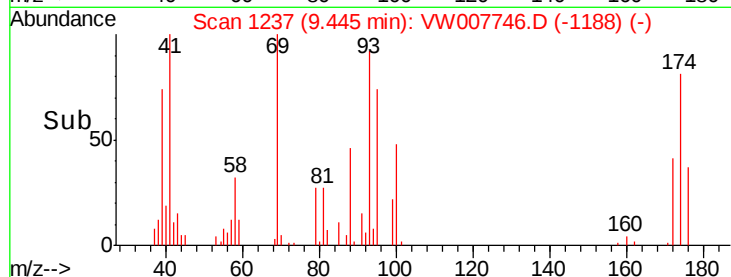
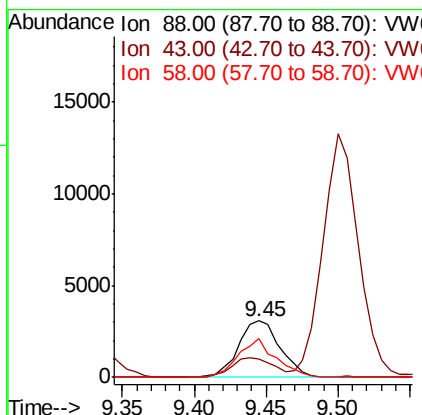
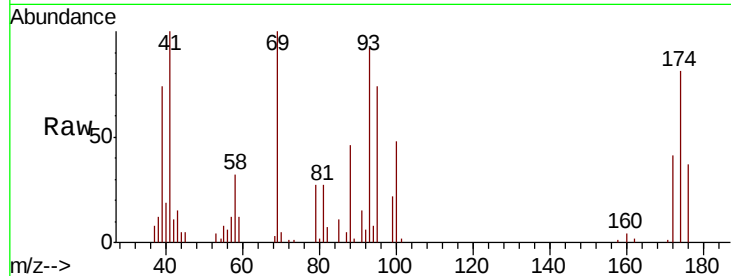
#49
1,4-Dioxane
Concen: 1008.970 ug/l
RT: 9.45 min Scan# 1237
Delta R.T. -0.00 min
Lab File: VW007746.D
Acq: 20 Dec 2018 14:37

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tgt Ion	Ratio	Lower	Upper
88	100		
43	33.8	25.6	38.4
58	61.4	52.3	78.5

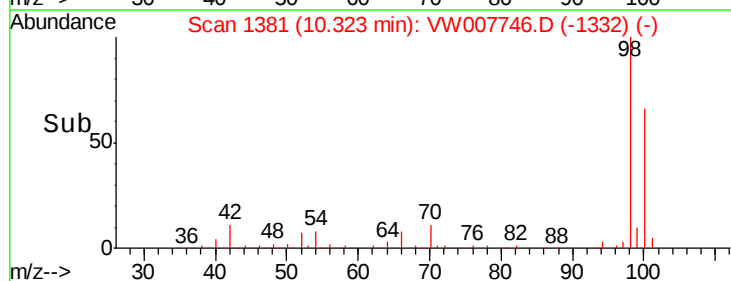
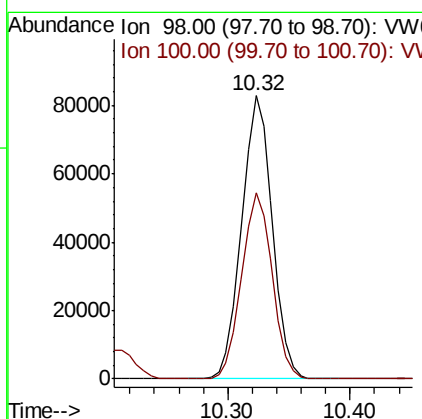
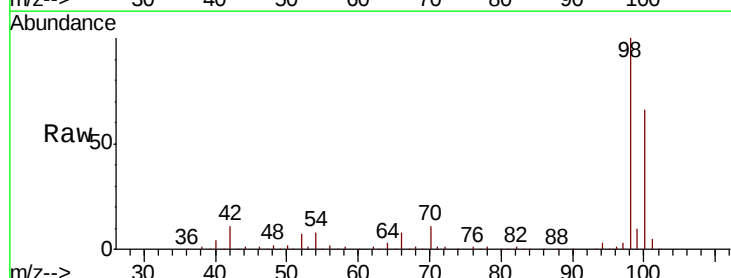
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#50
Toluene-d8
Concen: 56.509 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. -0.00 min
Lab File: VW007746.D
Acq: 20 Dec 2018 14:37

Tgt Ion	Ratio	Lower	Upper
98	100		
100	65.7	52.2	78.2





#51

4-Methyl-2-Pentanone

Concen: 222.655 ug/l

RT: 10.21 min Scan# 1363

Delta R.T. -0.00 min

Lab File: VW007746.D

Acq: 20 Dec 2018 14:37

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tgt Ion: 43 Resp: 77502

Ion Ratio Lower Upper

43 100

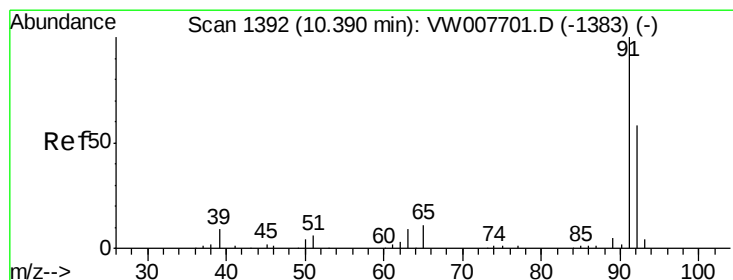
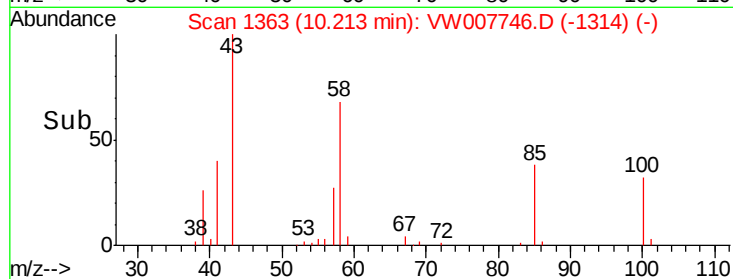
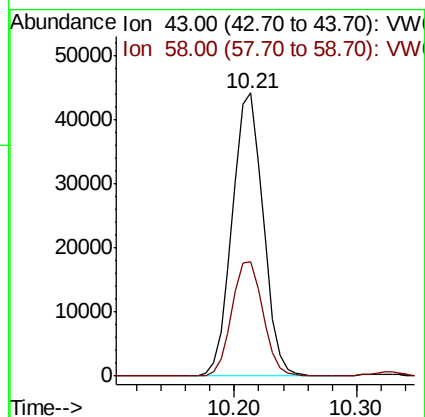
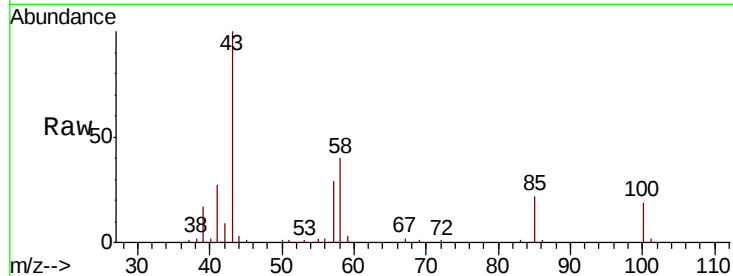
58 40.7 33.2 49.8

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#52

Toluene

Concen: 49.986 ug/l

RT: 10.39 min Scan# 1392

Delta R.T. -0.00 min

Lab File: VW007746.D

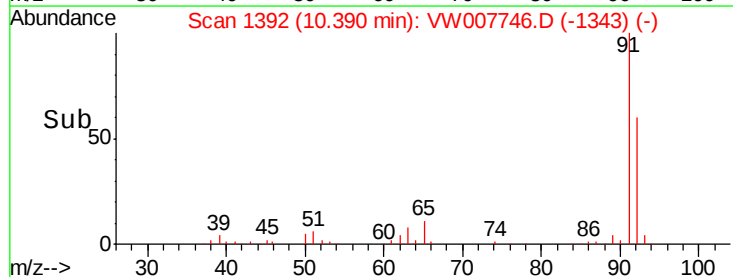
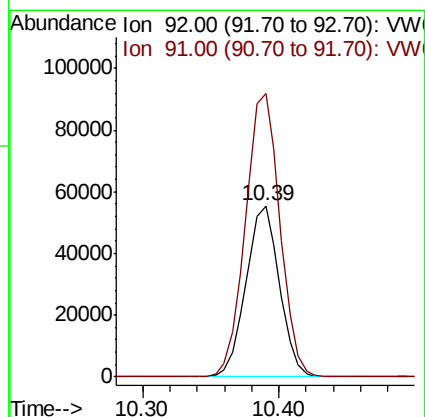
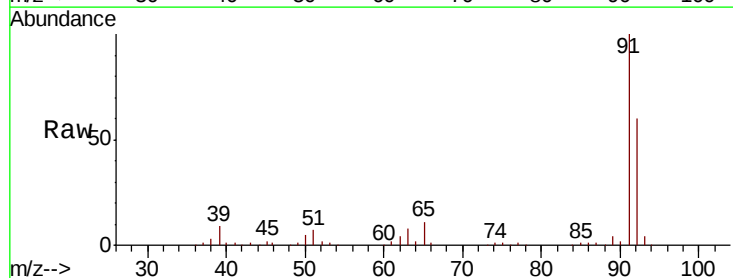
Acq: 20 Dec 2018 14:37

Tgt Ion: 92 Resp: 95333

Ion Ratio Lower Upper

92 100

91 170.8 137.0 205.4





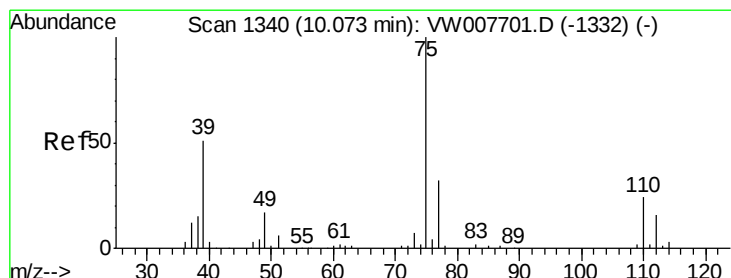
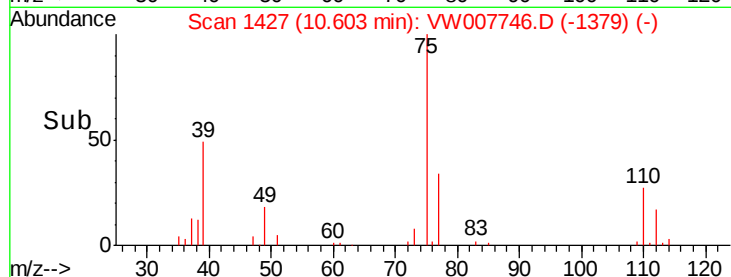
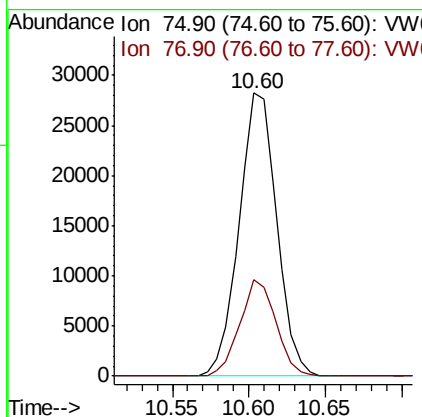
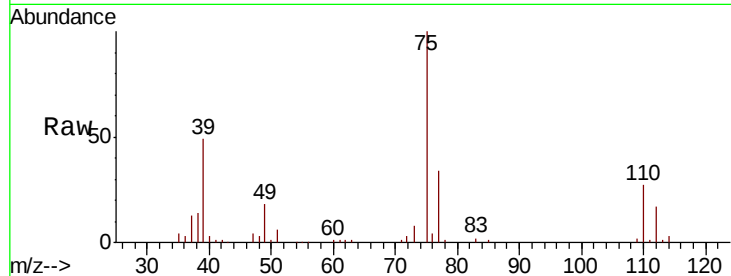
#53
t-1,3-Dichloropropene
Concen: 47.483 ug/l
RT: 10.60 min Scan# 1427
Delta R.T. -0.01 min
Lab File: VW007746.D
Acq: 20 Dec 2018 14:37

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tgt Ion: 75 Resp: 48208
Ion Ratio Lower Upper
75 100
77 33.9 25.2 37.8

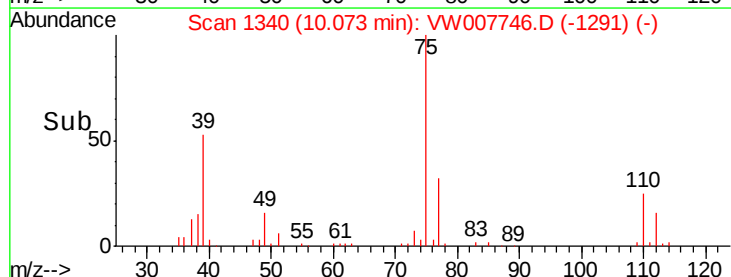
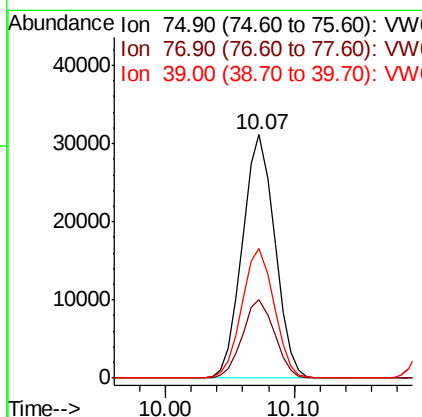
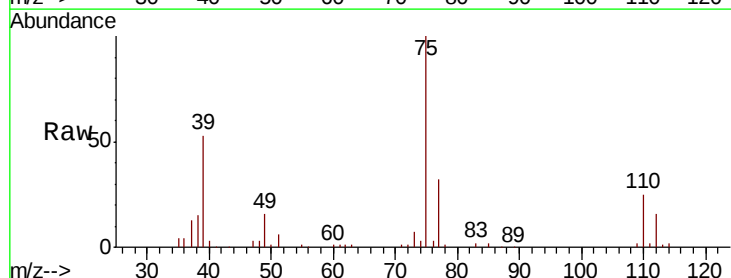
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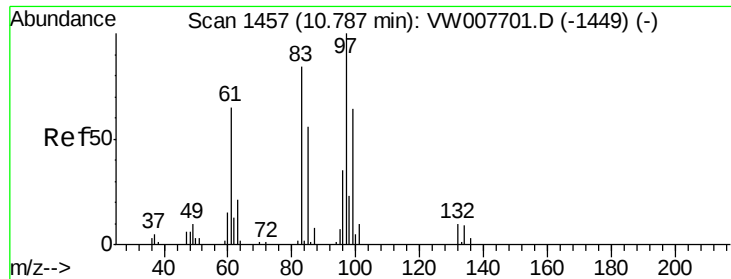
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#54
cis-1,3-Dichloropropene
Concen: 48.357 ug/l
RT: 10.07 min Scan# 1340
Delta R.T. -0.00 min
Lab File: VW007746.D
Acq: 20 Dec 2018 14:37

Tgt Ion: 75 Resp: 54230
Ion Ratio Lower Upper
75 100
77 32.1 25.5 38.3
39 53.1 41.2 61.8





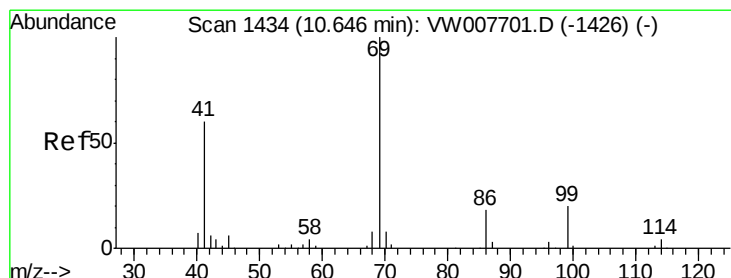
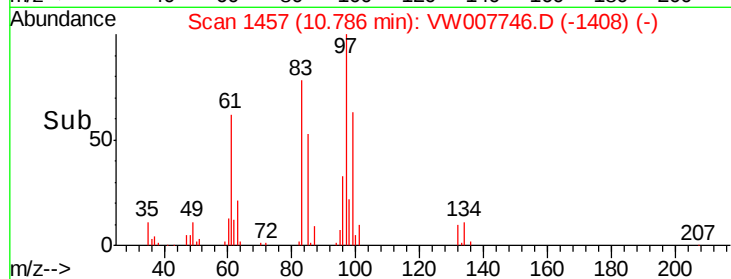
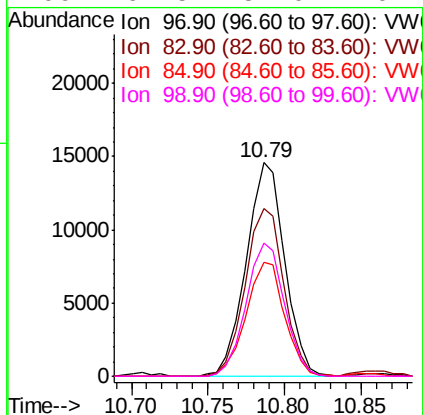
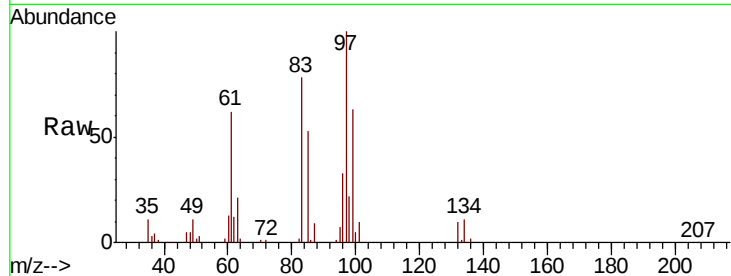
#55
 1,1,2-Trichloroethane
 Concen: 47.603 ug/l
 RT: 10.79 min Scan# 1457
 Delta R.T. -0.00 min
 Lab File: VW007746.D
 Acq: 20 Dec 2018 14:37

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tgt Ion:	97	Resp:	25480
Ion	Ratio	Lower	Upper
97	100		
83	78.3	67.5	101.3
85	53.4	44.8	67.2
99	62.5	51.0	76.4

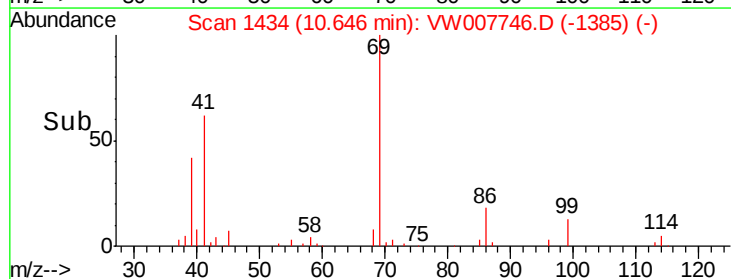
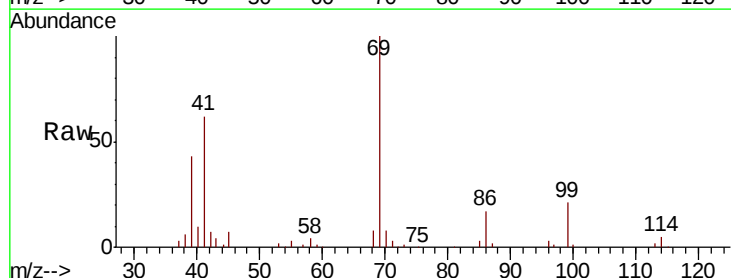
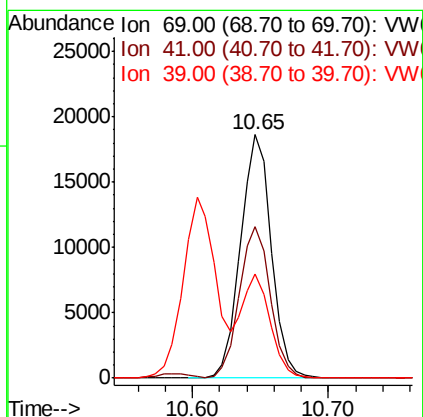
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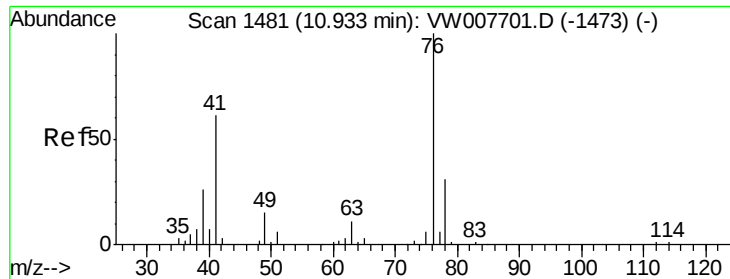
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#56
 Ethyl methacrylate
 Concen: 46.470 ug/l
 RT: 10.65 min Scan# 1434
 Delta R.T. -0.00 min
 Lab File: VW007746.D
 Acq: 20 Dec 2018 14:37

Tgt Ion:	69	Resp:	29388
Ion	Ratio	Lower	Upper
69	100		
41	63.1	48.9	73.3
39	40.5	31.3	46.9





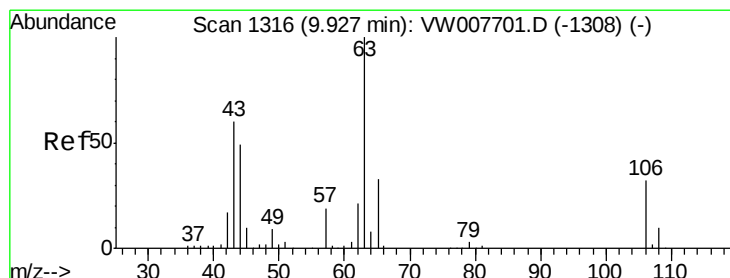
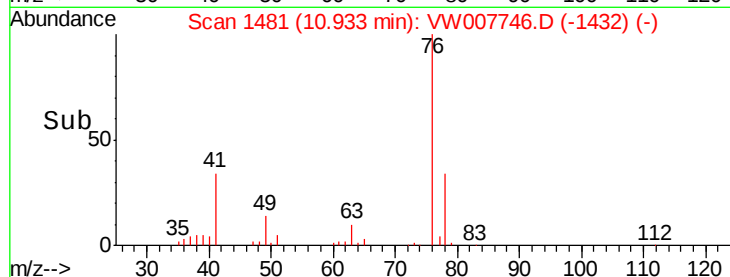
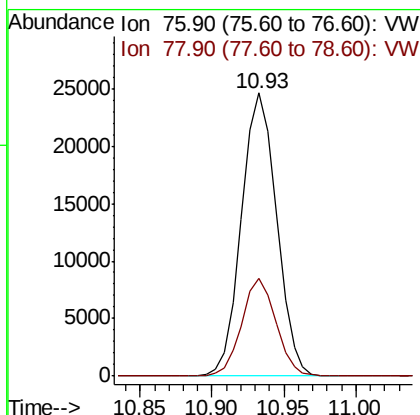
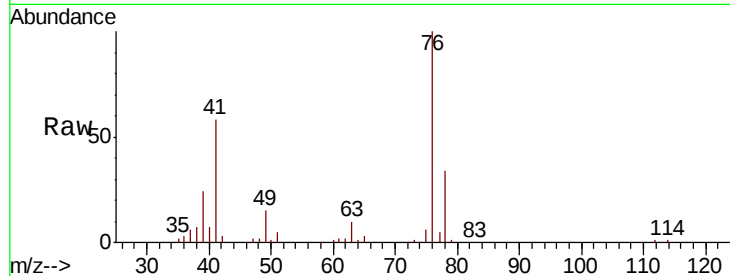
#57
 1,3-Dichloropropane
 Concen: 46.924 ug/l
 RT: 10.93 min Scan# 1481
 Delta R.T. -0.00 min
 Lab File: VW007746.D
 Acq: 20 Dec 2018 14:37

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tgt Ion: 76 Resp: 41707
 Ion Ratio Lower Upper
 76 100
 78 33.5 26.2 39.2

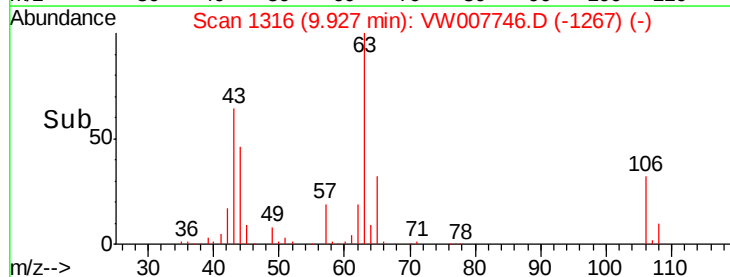
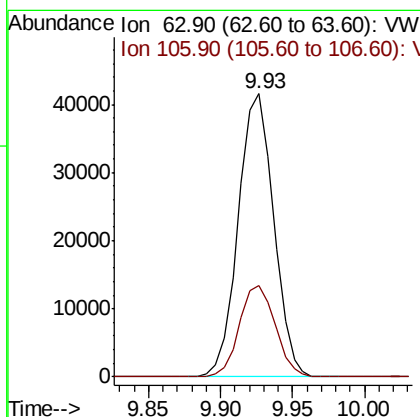
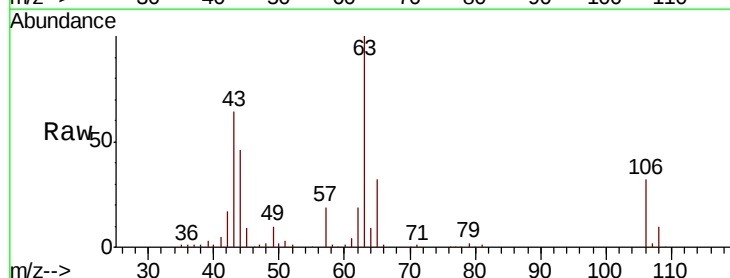
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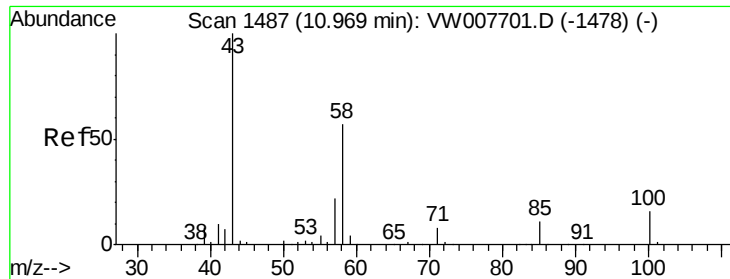
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#58
 2-Chloroethyl Vinyl ether
 Concen: 246.095 ug/l
 RT: 9.93 min Scan# 1316
 Delta R.T. -0.00 min
 Lab File: VW007746.D
 Acq: 20 Dec 2018 14:37

Tgt Ion: 63 Resp: 71058
 Ion Ratio Lower Upper
 63 100
 106 32.6 25.9 38.9





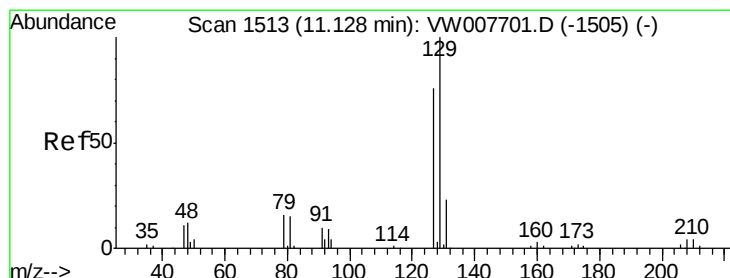
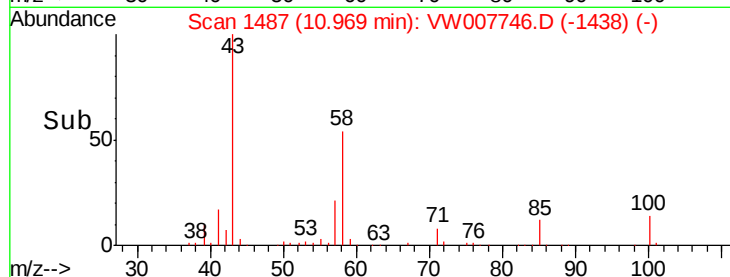
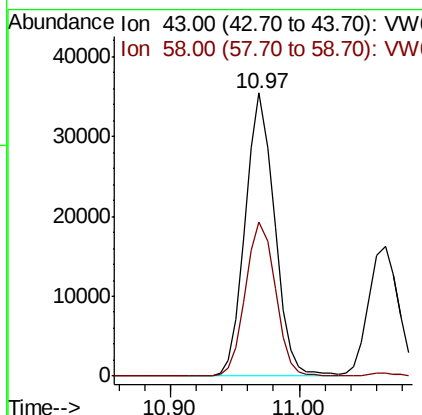
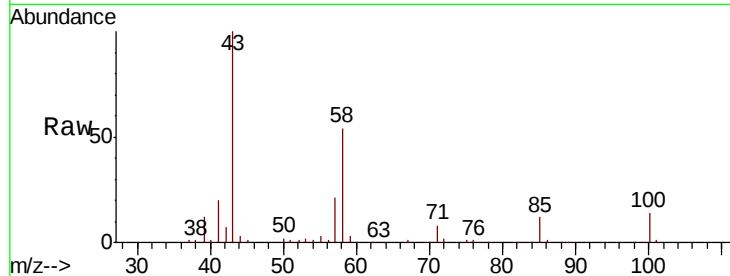
#59
2-Hexanone
Concen: 228.077 ug/l
RT: 10.97 min Scan# 1487
Delta R.T. -0.00 min
Lab File: VW007746.D
Acq: 20 Dec 2018 14:37

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 55832
Ion Ratio Lower Upper
43 100
58 55.3 27.7 83.1

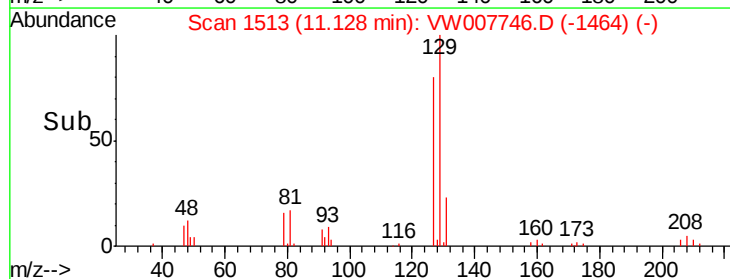
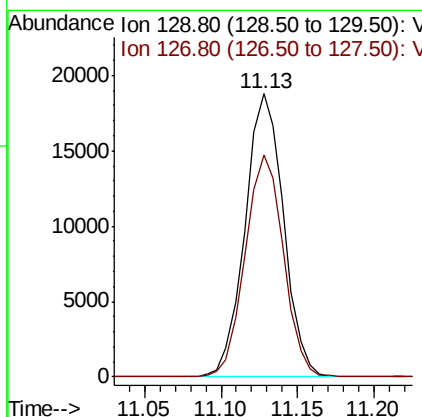
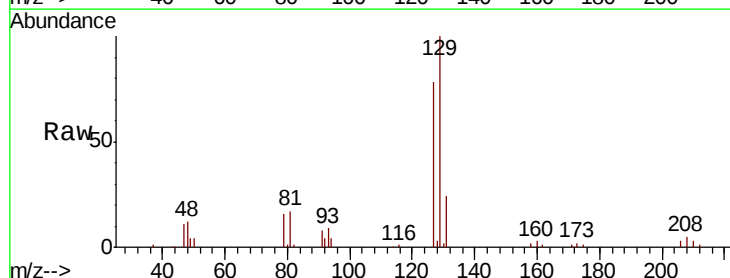
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#60
Dibromochloromethane
Concen: 46.310 ug/l
RT: 11.13 min Scan# 1513
Delta R.T. -0.00 min
Lab File: VW007746.D
Acq: 20 Dec 2018 14:37

Tgt Ion: 129 Resp: 32821
Ion Ratio Lower Upper
129 100
127 78.0 38.3 114.9





#61

1,2-Dibromoethane

Concen: 46.255 ug/l

RT: 11.24 min Scan# 1531

Delta R.T. -0.00 min

Lab File: VW007746.D

Acq: 20 Dec 2018 14:37

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tgt Ion: 107 Resp: 25072

Ion Ratio Lower Upper

107 100

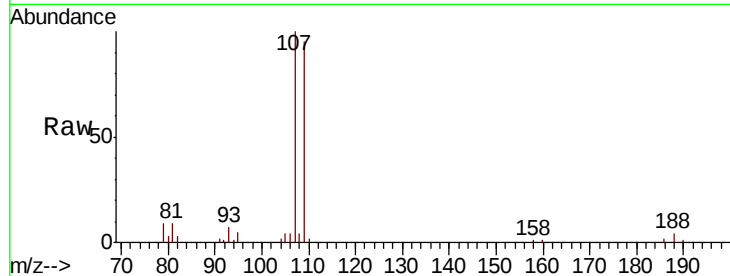
109 93.4 75.4 113.0

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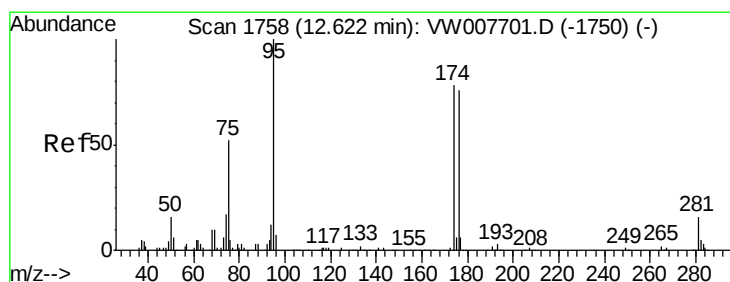
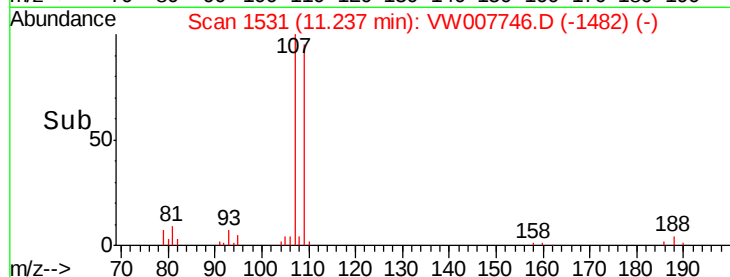
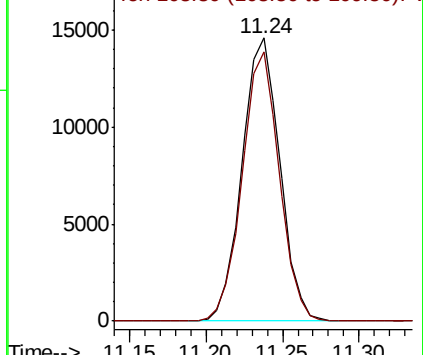
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Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 54.391 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.00 min

Lab File: VW007746.D

Acq: 20 Dec 2018 14:37

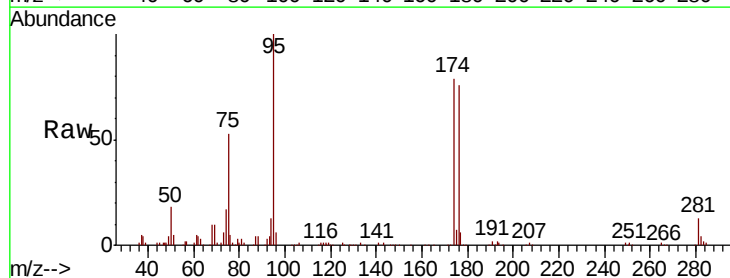
Tgt Ion: 95 Resp: 53334

Ion Ratio Lower Upper

95 100

174 77.1 0.0 152.2

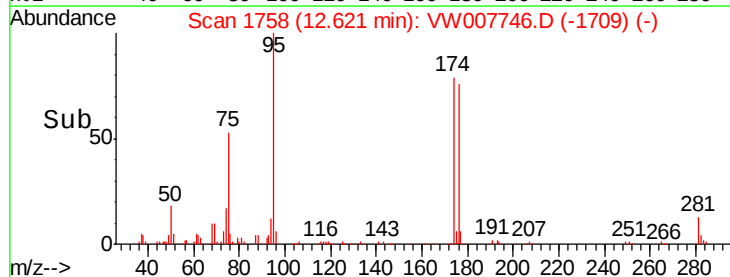
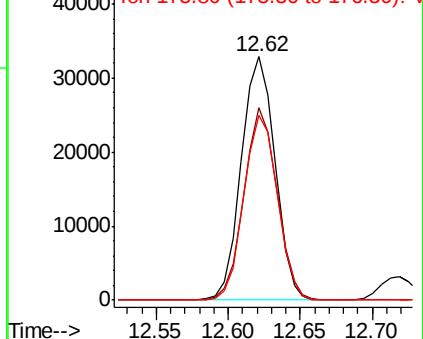
176 75.4 0.0 146.8

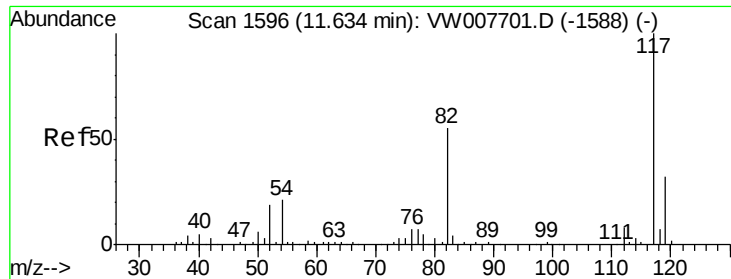


Abundance Ion 94.90 (94.60 to 95.60): VW

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V





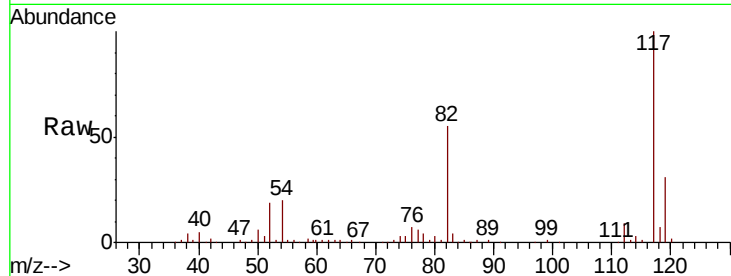
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW007746.D
Acq: 20 Dec 2018 14:37

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tgt Ion	Ratio	Lower	Upper
117	100		
82	55.1	44.3	66.5
119	31.2	25.7	38.5

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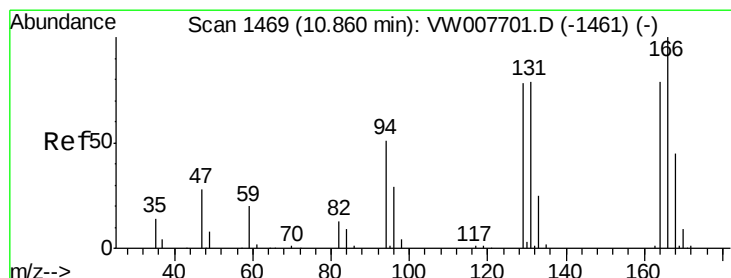
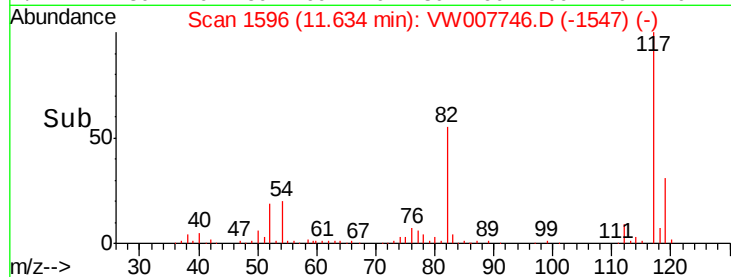
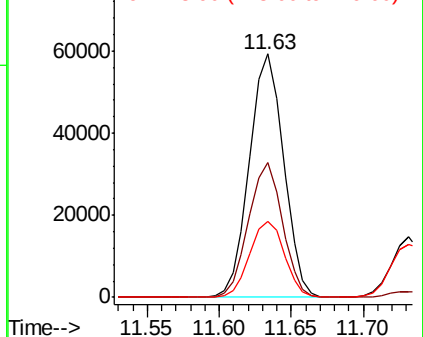


Abundance

Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): V

Ion 118.90 (118.60 to 119.60): V



#64
Tetrachloroethene
Concen: 50.228 ug/l
RT: 10.87 min Scan# 1470
Delta R.T. 0.01 min
Lab File: VW007746.D
Acq: 20 Dec 2018 14:37

Tgt Ion	Ratio	Lower	Upper
164	100		
166	121.7	101.0	151.6
129	90.3	78.7	118.1
131	90.9	79.4	119.0

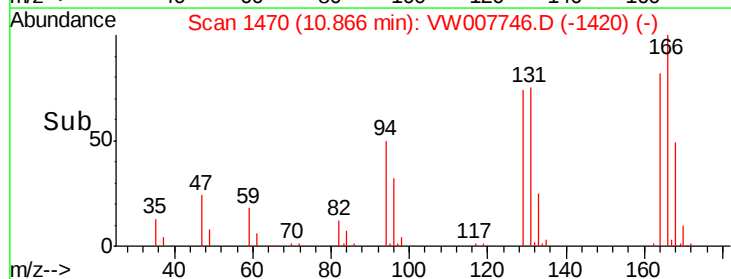
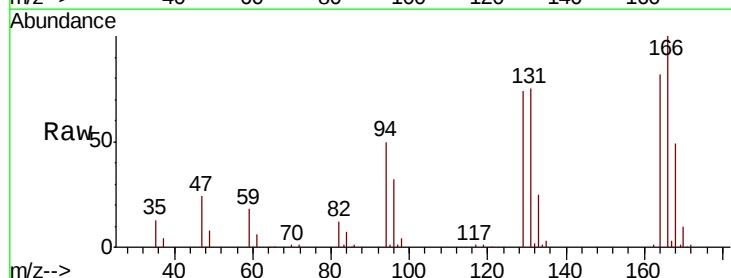
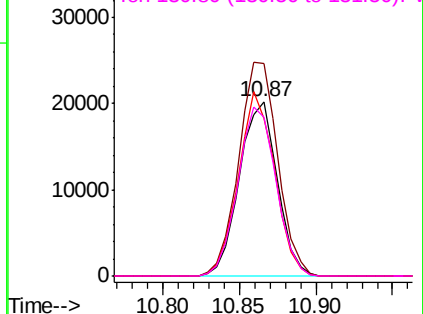
Abundance

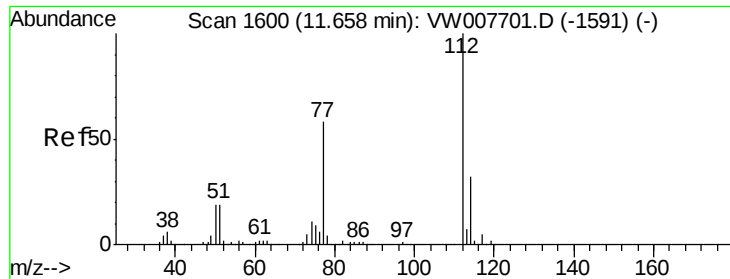
Ion 163.80 (163.50 to 164.50): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.80 (128.50 to 129.50): V

Ion 130.80 (130.50 to 131.50): V





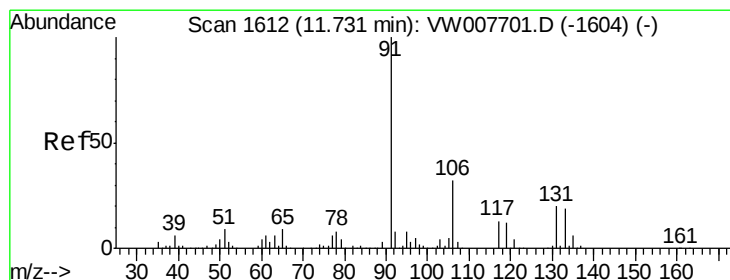
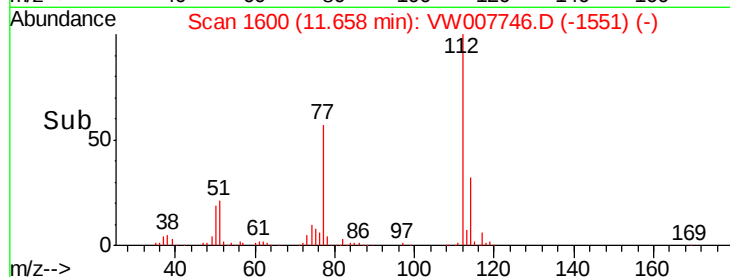
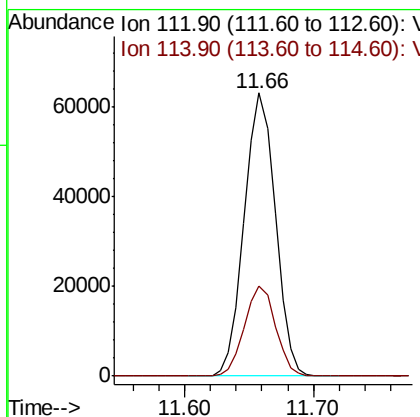
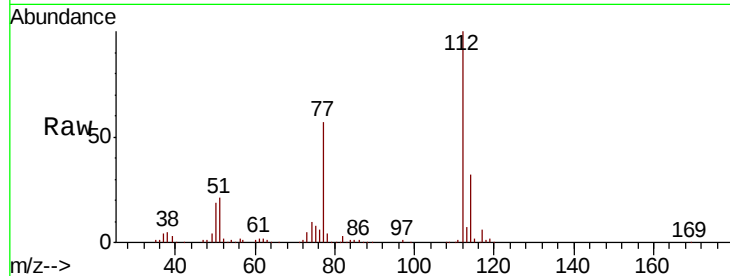
#65
Chlorobenzene
Concen: 49.922 ug/l
RT: 11.66 min Scan# 1600
Delta R.T. -0.00 min
Lab File: VW007746.D
Acq: 20 Dec 2018 14:37

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tgt Ion:112 Resp: 105530
Ion Ratio Lower Upper
112 100
114 31.7 25.2 37.8

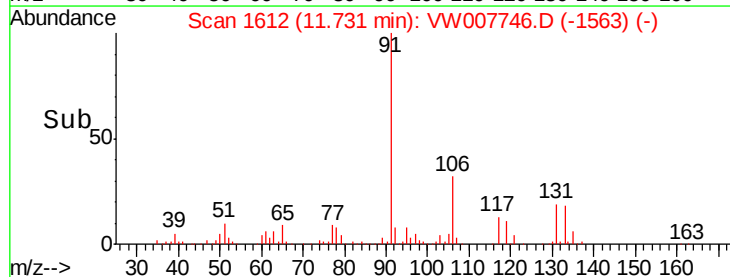
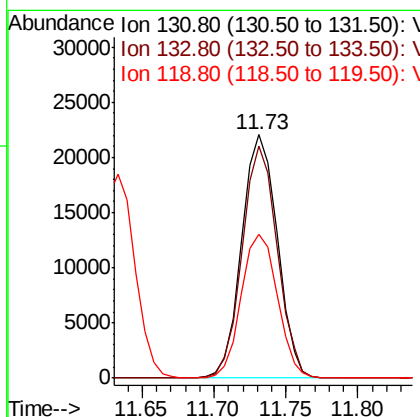
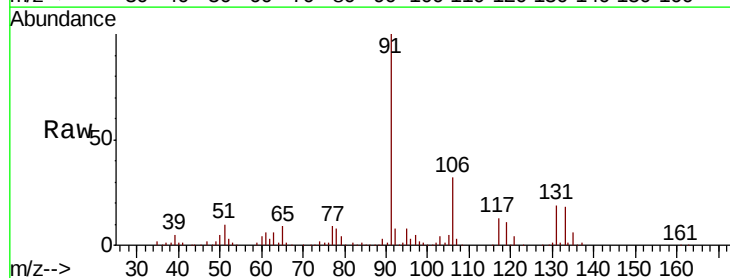
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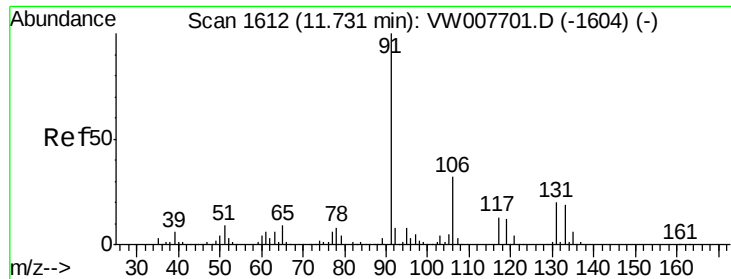
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#66
1,1,1,2-Tetrachloroethane
Concen: 50.039 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. -0.00 min
Lab File: VW007746.D
Acq: 20 Dec 2018 14:37

Tgt Ion:131 Resp: 37796
Ion Ratio Lower Upper
131 100
133 93.8 47.5 142.5
119 60.3 30.2 90.6





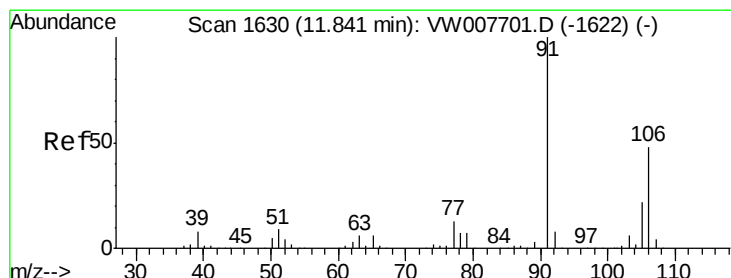
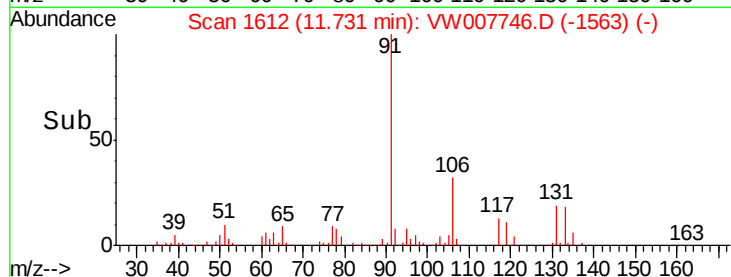
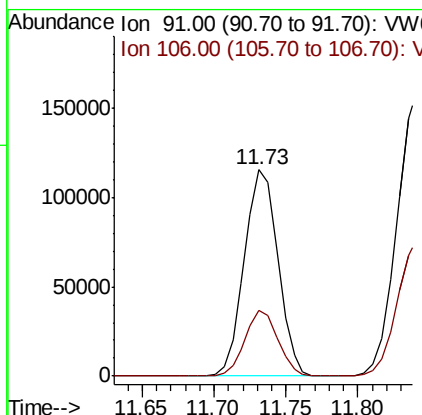
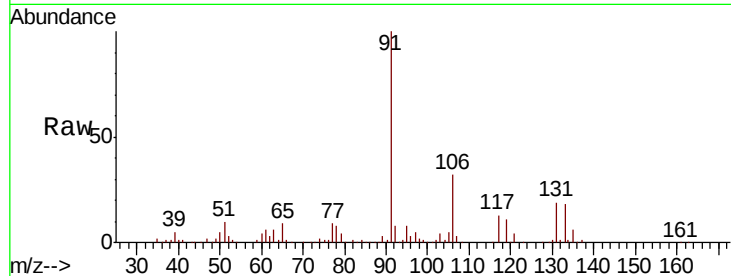
#67
Ethyl Benzene
Concen: 51.587 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. -0.00 min
Lab File: VW007746.D
Acq: 20 Dec 2018 14:37

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tgt Ion: 91 Resp: 187129
Ion Ratio Lower Upper
91 100
106 32.2 25.8 38.8

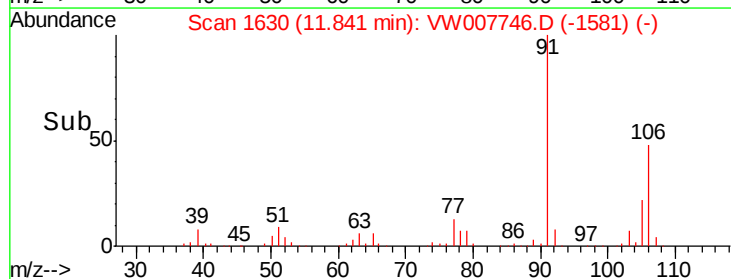
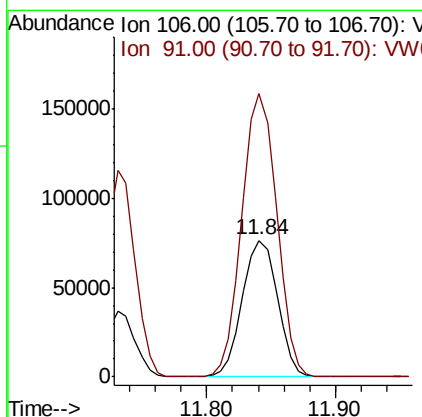
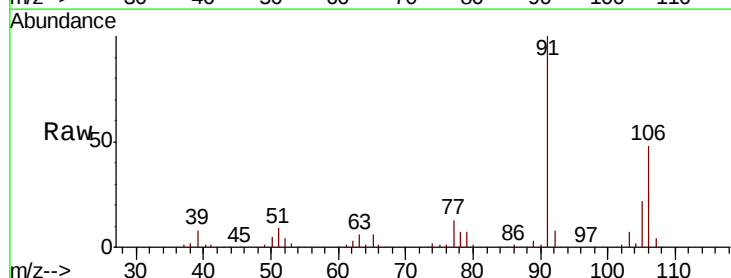
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#68
m/p-Xylenes
Concen: 103.083 ug/l
RT: 11.84 min Scan# 1630
Delta R.T. -0.00 min
Lab File: VW007746.D
Acq: 20 Dec 2018 14:37

Tgt Ion: 106 Resp: 145052
Ion Ratio Lower Upper
106 100
91 205.7 165.2 247.8





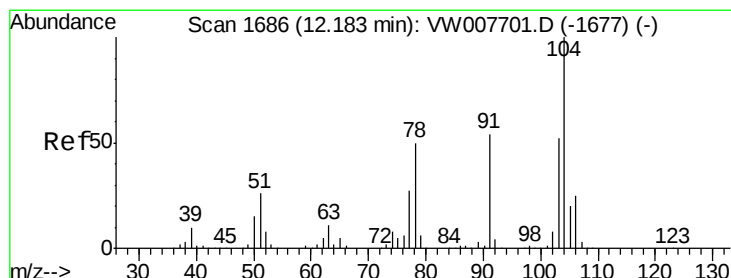
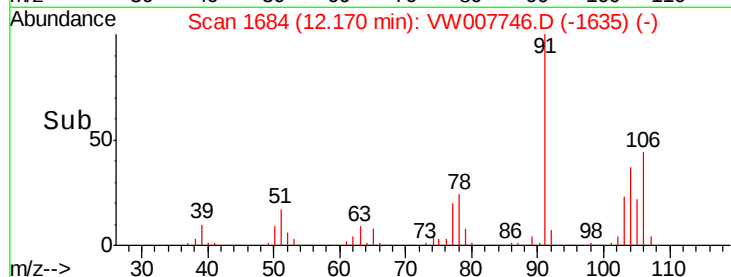
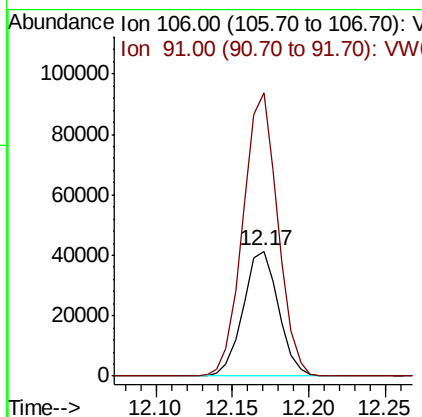
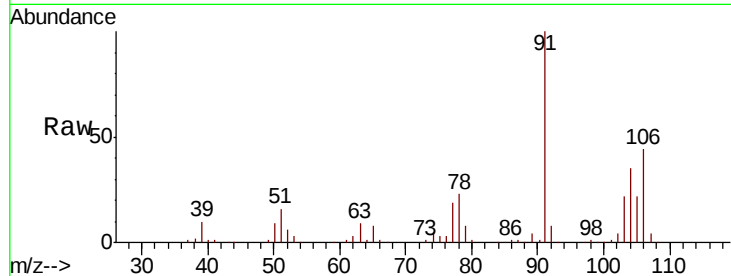
#69
o-Xylene
Concen: 50.133 ug/l
RT: 12.17 min Scan# 1684
Delta R.T. -0.00 min
Lab File: VW007746.D
Acq: 20 Dec 2018 14:37

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tgt Ion:106 Resp: 66126
Ion Ratio Lower Upper
106 100
91 223.8 110.5 331.4

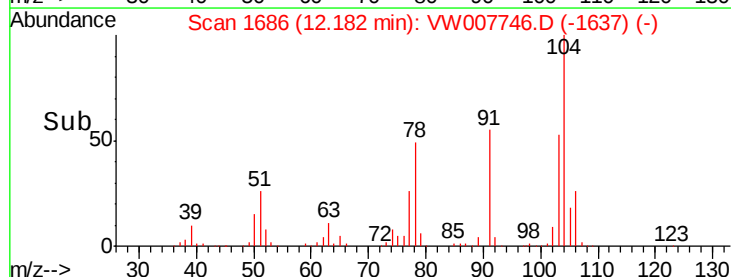
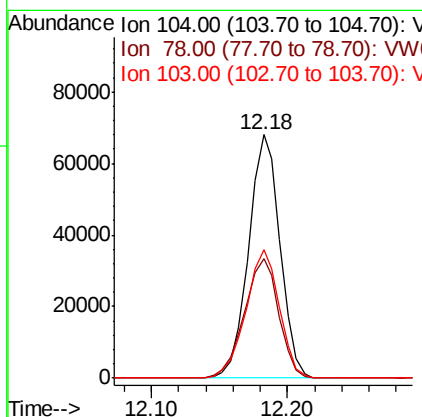
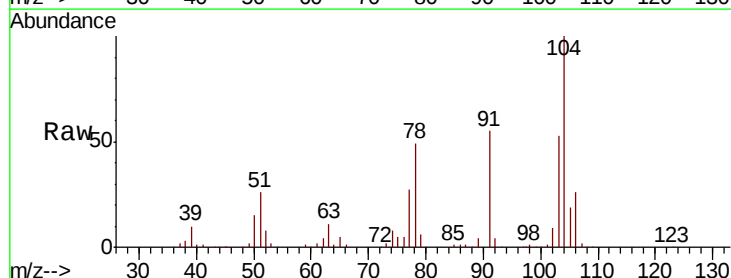
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#70
Styrene
Concen: 50.837 ug/l
RT: 12.18 min Scan# 1686
Delta R.T. -0.00 min
Lab File: VW007746.D
Acq: 20 Dec 2018 14:37

Tgt Ion:104 Resp: 110224
Ion Ratio Lower Upper
104 100
78 53.7 43.4 65.0
103 56.0 44.5 66.7





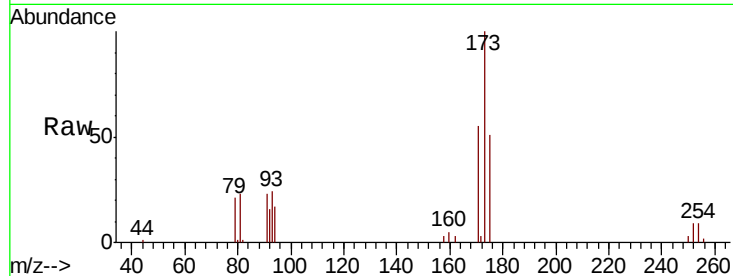
#71
Bromoform
Concen: 45.880 ug/l
RT: 12.35 min Scan# 1714
Delta R.T. 0.01 min
Lab File: VW007746.D
Acq: 20 Dec 2018 14:37

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

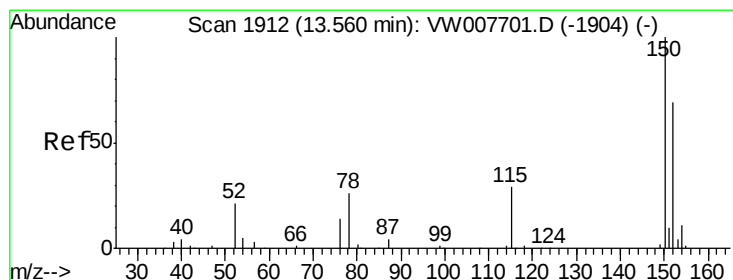
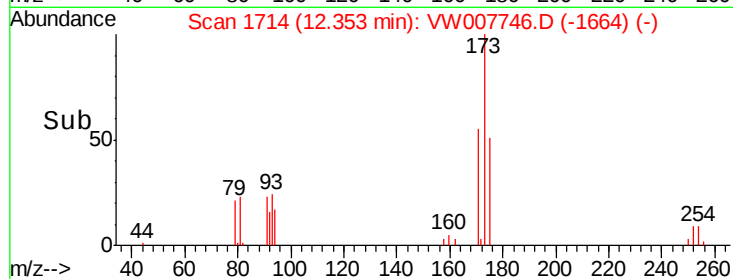
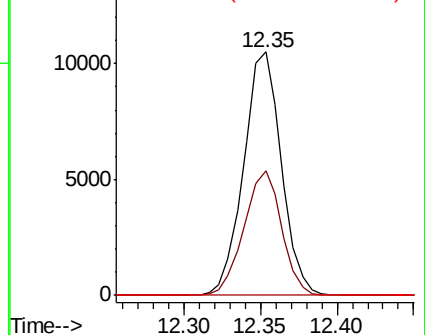
Tgt Ion:173 Resp: 17990
Ion Ratio Lower Upper
173 100
175 50.7 23.9 71.7
254 0.0 0.0 0.0

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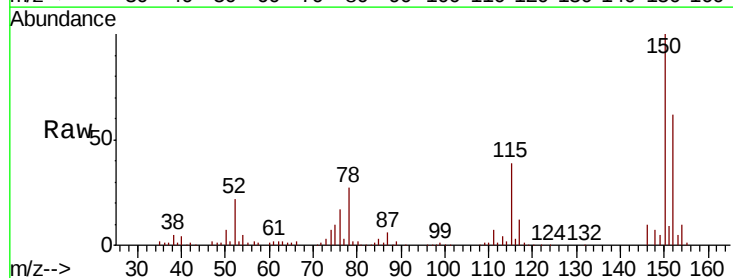


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

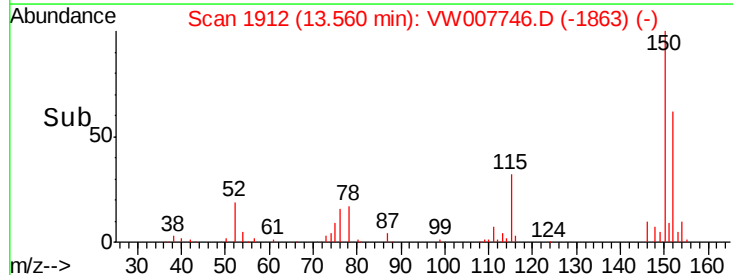
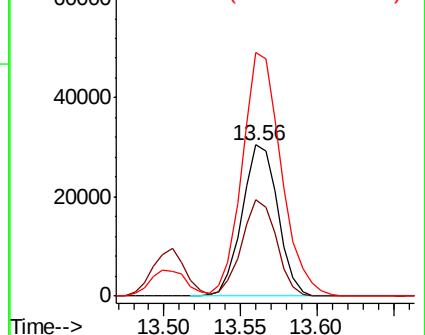


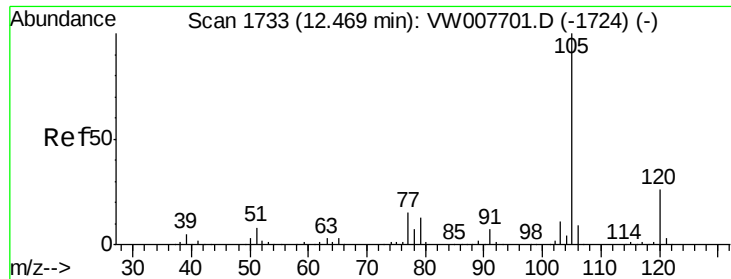
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. -0.00 min
Lab File: VW007746.D
Acq: 20 Dec 2018 14:37

Tgt Ion:152 Resp: 49519
Ion Ratio Lower Upper
152 100
115 62.0 31.8 95.4
150 175.4 0.0 350.8



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: 51.992 ug/l

RT: 12.47 min Scan# 1733

Delta R.T. -0.00 min

Lab File: VW007746.D

Acq: 20 Dec 2018 14:37

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tgt Ion: 105 Resp: 194612

Ion Ratio Lower Upper

105 100

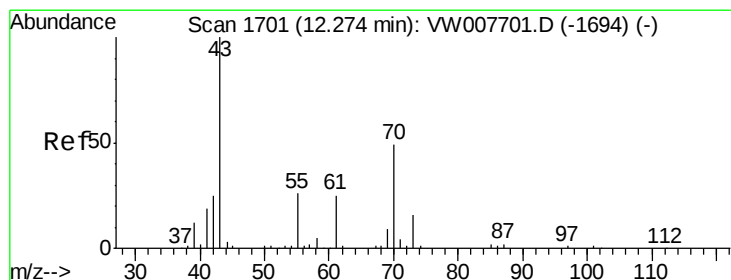
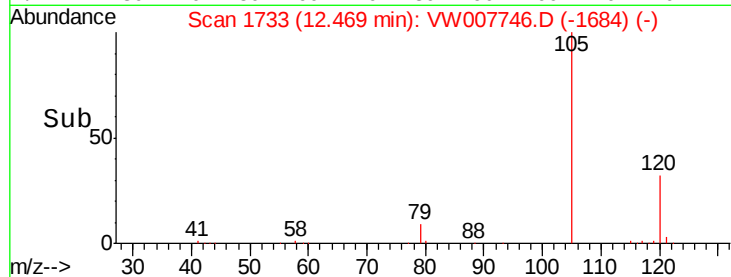
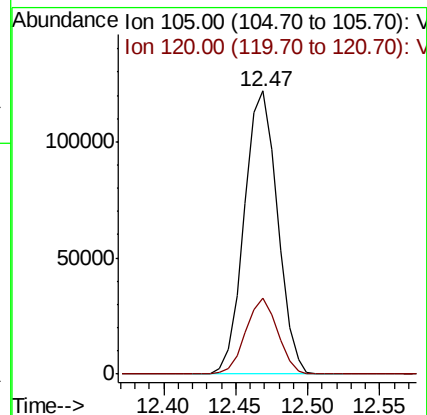
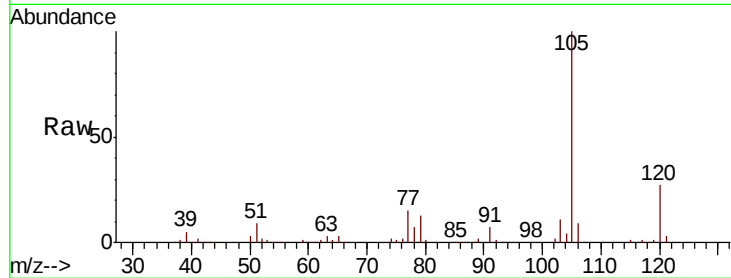
120 25.9 13.1 39.3

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#74

N-ethyl acetate

Concen: 47.258 ug/l

RT: 12.27 min Scan# 1701

Delta R.T. -0.00 min

Lab File: VW007746.D

Acq: 20 Dec 2018 14:37

Tgt Ion: 43 Resp: 30640

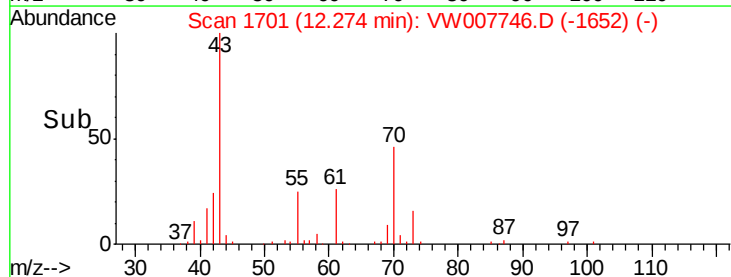
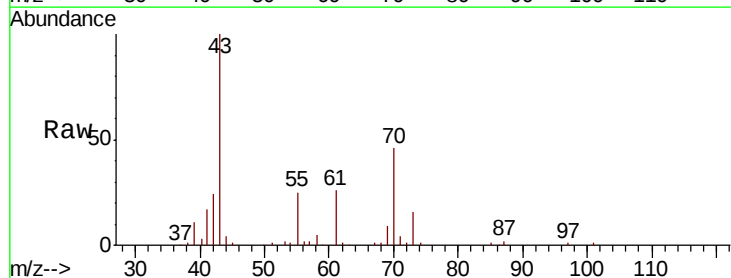
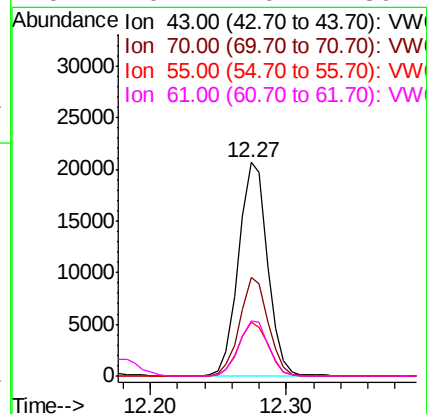
Ion Ratio Lower Upper

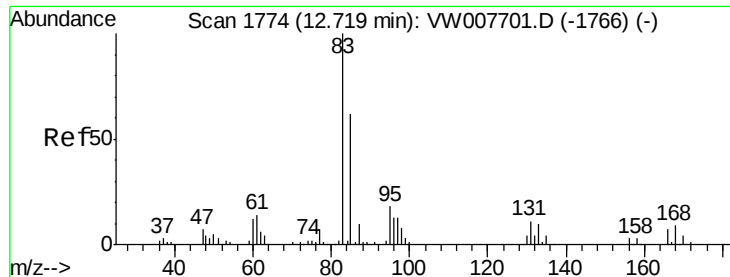
43 100

70 45.4 37.6 56.4

55 25.8 21.7 32.5

61 26.2 20.1 30.1





#75

1,1,2,2-Tetrachloroethane

Concen: 47.146 ug/l

RT: 12.72 min Scan# 1774

Delta R.T. -0.00 min

Lab File: VW007746.D

Acq: 20 Dec 2018 14:37

Instrument :

MSVOA_W

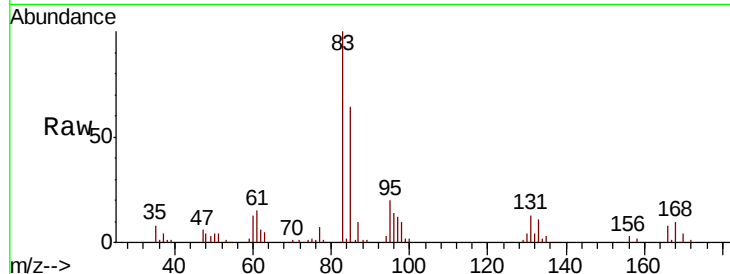
ClientSampleId :

VSTDCCC050

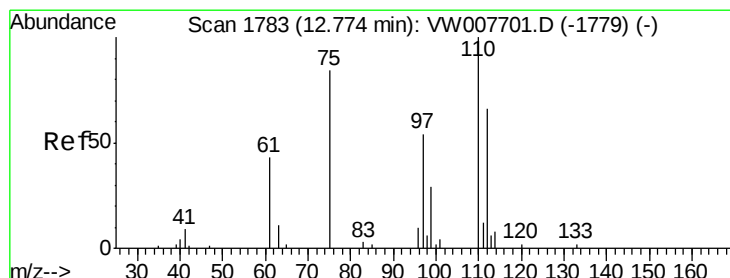
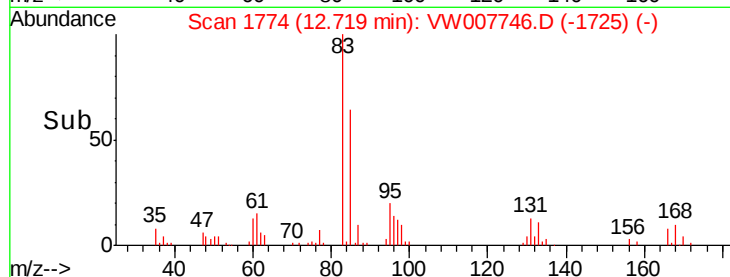
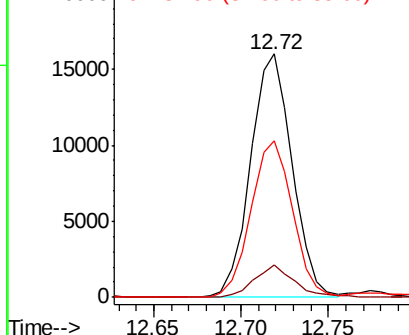
Tgt Ion:	83	Resp:	26459
Ion Ratio	Lower	Upper	
83	100		
131	12.8	6.3	18.8
85	64.3	32.3	96.8

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Abundance Ion 82.90 (82.60 to 83.60): VW
Ion 130.80 (130.50 to 131.50): V
Ion 84.90 (84.60 to 85.60): VW



#76

1,2,3-Trichloropropane

Concen: 54.254 ug/l m

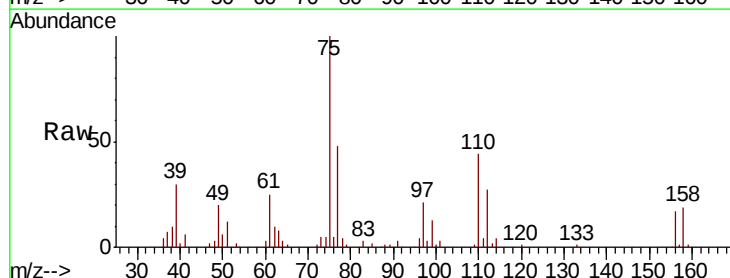
RT: 12.77 min Scan# 1783

Delta R.T. -0.00 min

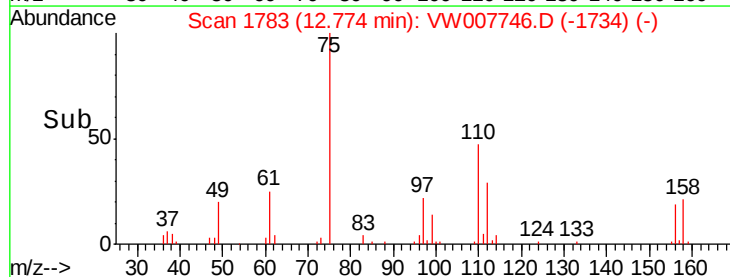
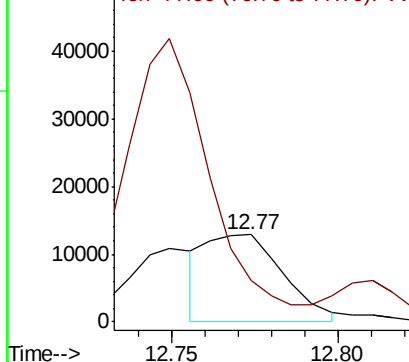
Lab File: VW007746.D

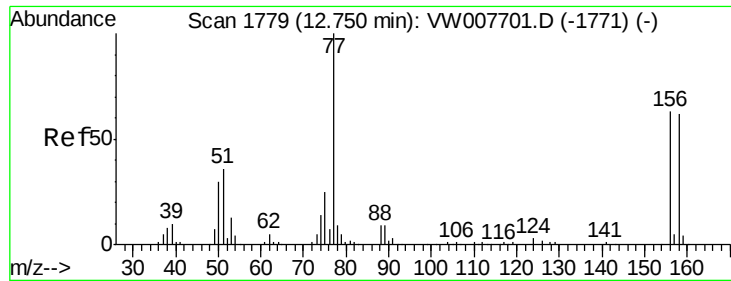
Acq: 20 Dec 2018 14:37

Tgt Ion:	75	Resp:	20765
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0



Abundance Ion 74.90 (74.60 to 75.60): VW
Ion 77.00 (76.70 to 77.70): VW





#77

Bromobenzene

Concen: 49.098 ug/l

RT: 12.75 min Scan# 1779

Delta R.T. -0.00 min

Lab File: VW007746.D

Acq: 20 Dec 2018 14:37

Instrument :

MSVOA_W

ClientSampleId :

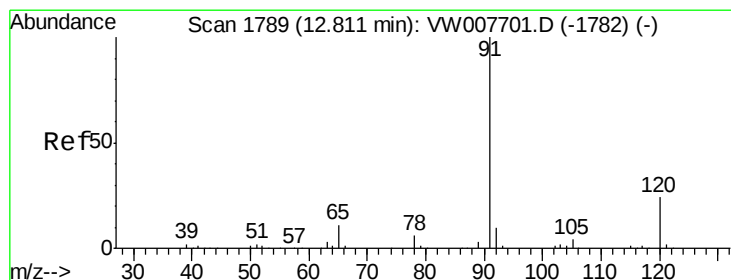
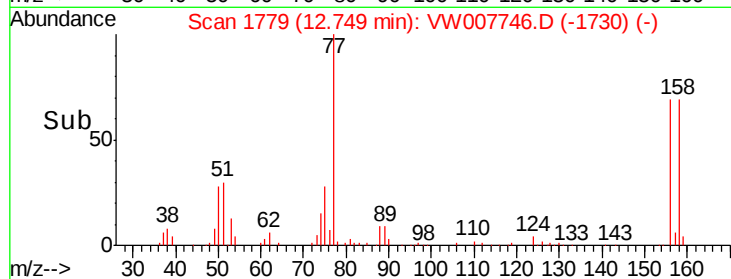
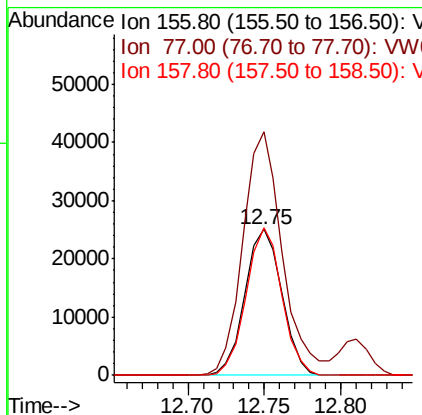
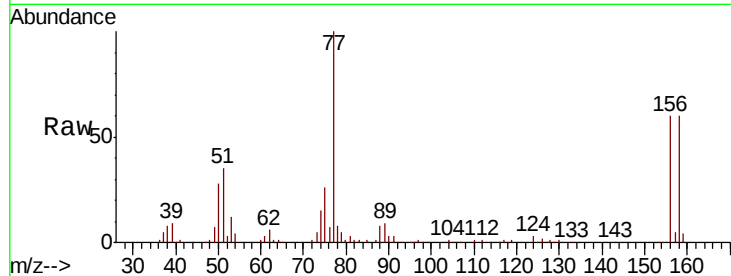
VSTDCCC050

Tgt Ion: 156 Resp: 42117

Ion	Ratio	Lower	Upper
156	100		
77	176.5	87.4	262.1
158	97.5	48.4	145.0

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#78

n-propylbenzene

Concen: 51.692 ug/l

RT: 12.81 min Scan# 1789

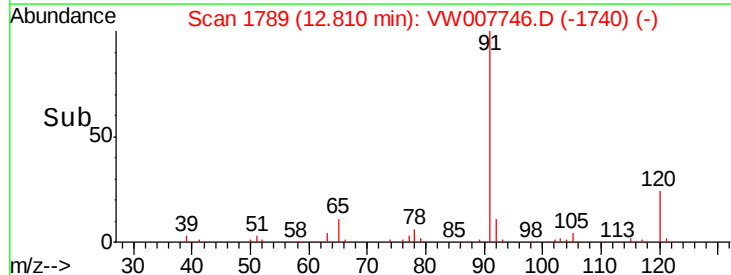
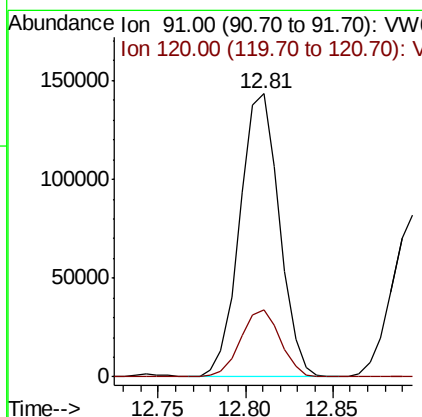
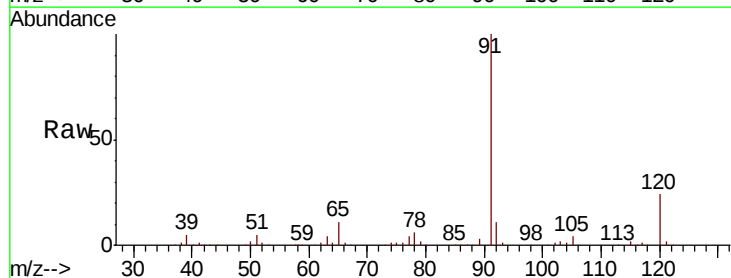
Delta R.T. -0.00 min

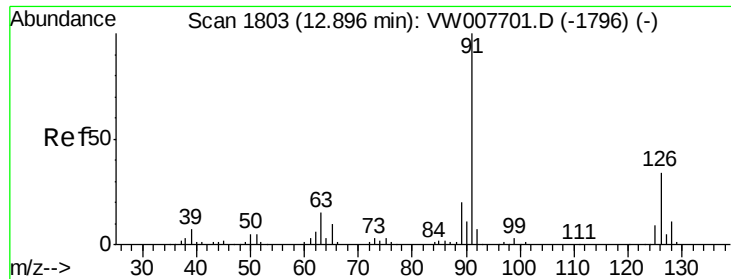
Lab File: VW007746.D

Acq: 20 Dec 2018 14:37

Tgt Ion: 91 Resp: 225233

Ion	Ratio	Lower	Upper
91	100		
120	23.7	11.9	35.7





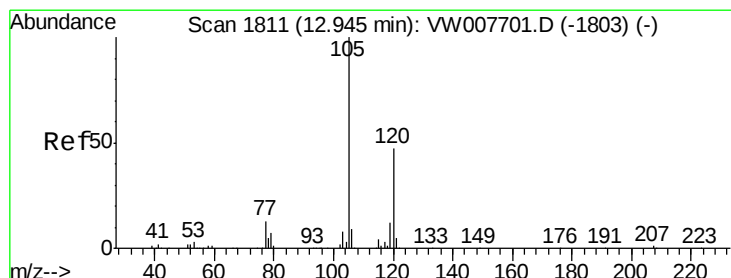
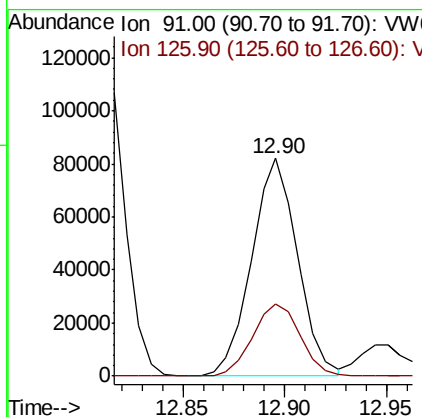
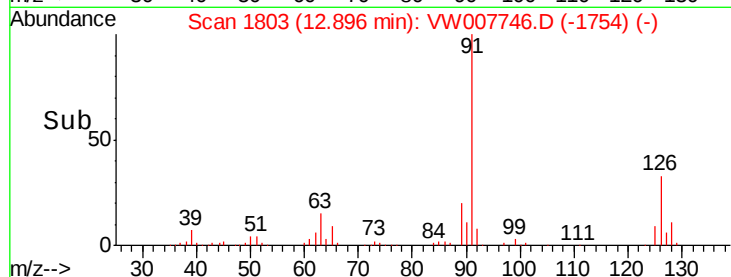
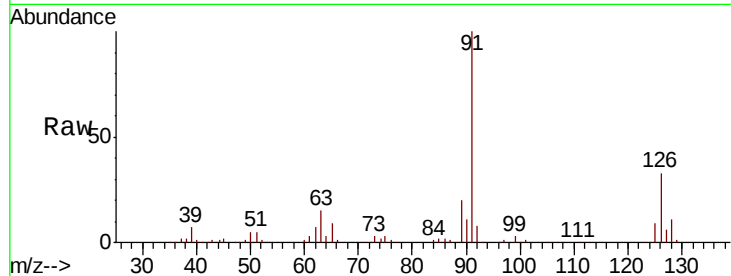
#79
 2-Chlorotoluene
 Concen: 50.664 ug/l
 RT: 12.90 min Scan# 1803
 Delta R.T. -0.00 min
 Lab File: VW007746.D
 Acq: 20 Dec 2018 14:37

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tgt Ion: 91 Resp: 128598
 Ion Ratio Lower Upper
 91 100
 126 34.5 17.0 51.0

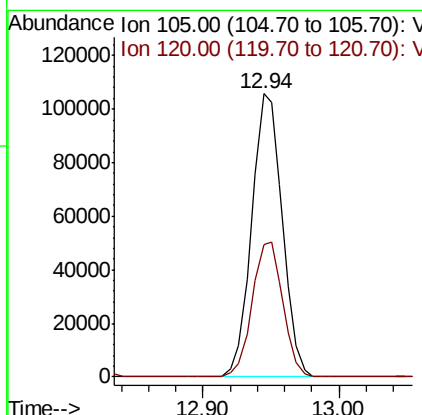
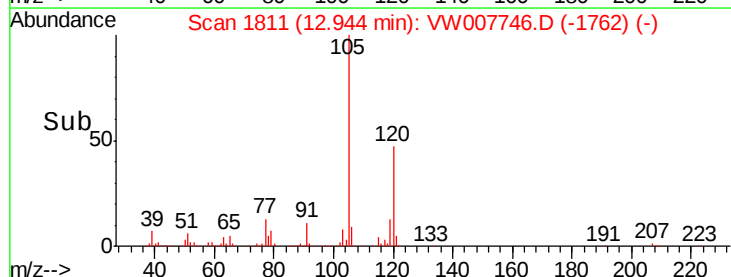
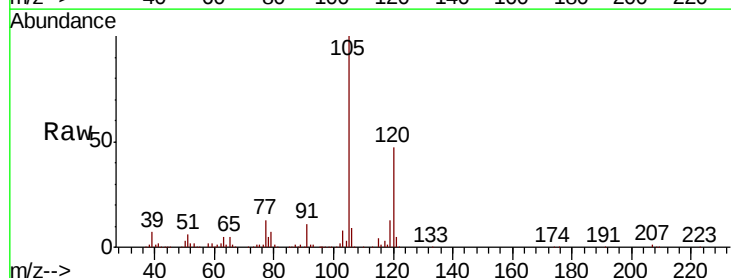
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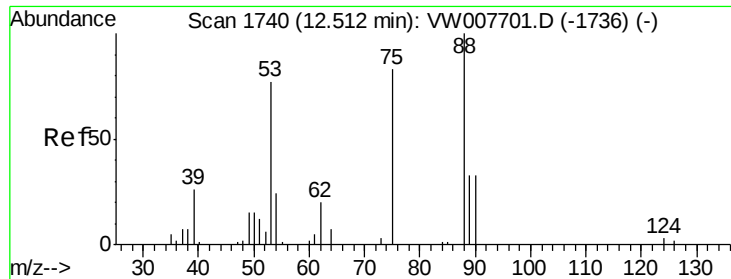
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#80
 1,3,5-Trimethylbenzene
 Concen: 51.681 ug/l
 RT: 12.94 min Scan# 1811
 Delta R.T. -0.00 min
 Lab File: VW007746.D
 Acq: 20 Dec 2018 14:37

Tgt Ion: 105 Resp: 166862
 Ion Ratio Lower Upper
 105 100
 120 47.8 23.6 70.8





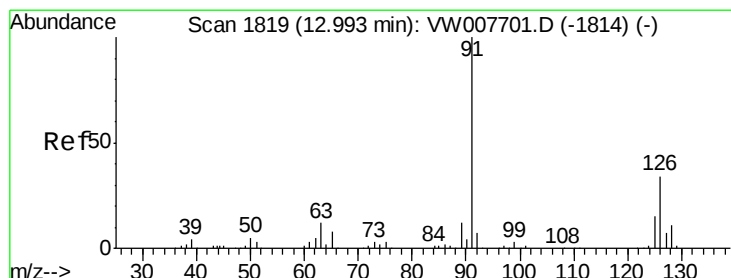
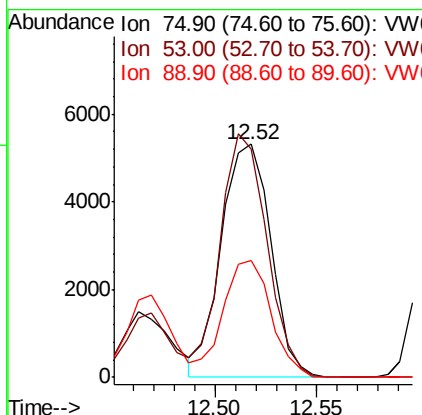
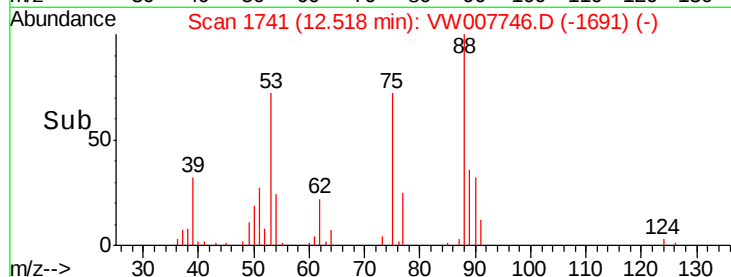
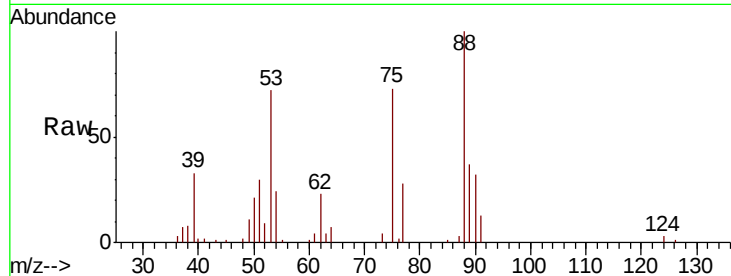
#81
trans-1,4-Dichloro-2-butene
Concen: 49.113 ug/l
RT: 12.52 min Scan# 1741
Delta R.T. 0.01 min
Lab File: VW007746.D
Acq: 20 Dec 2018 14:37

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	8955		
53	97.7	80.2	120.2	
89	49.0	39.2	58.8	

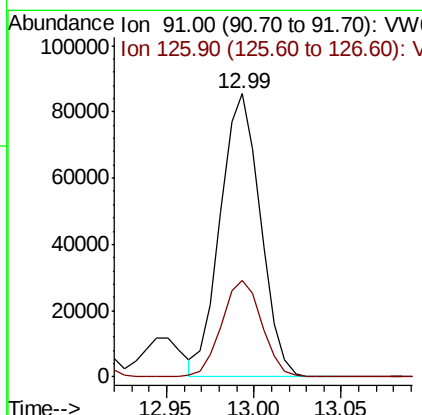
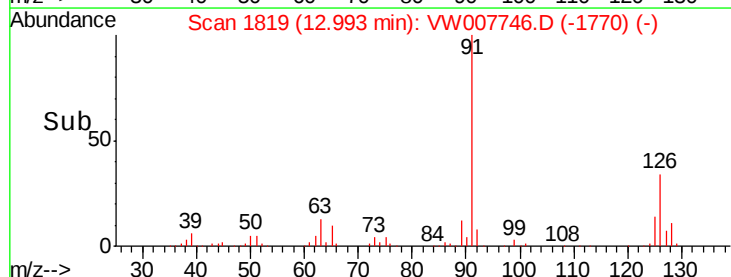
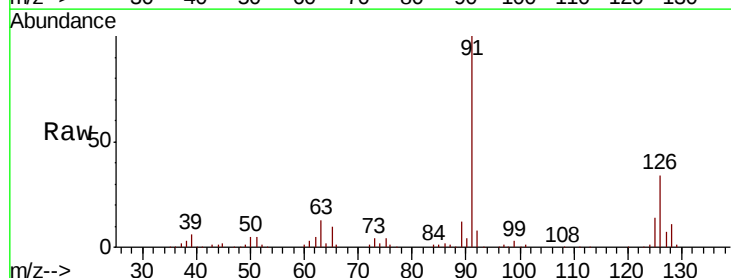
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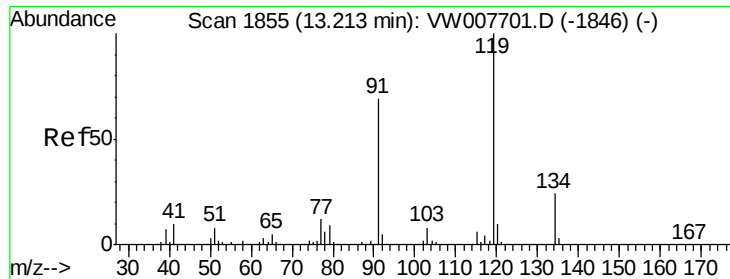
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#82
4-Chlorotoluene
Concen: 50.372 ug/l
RT: 12.99 min Scan# 1819
Delta R.T. -0.00 min
Lab File: VW007746.D
Acq: 20 Dec 2018 14:37

Tgt Ion	Ratio	Resp	Lower	Upper
91	100	136139		
126	34.2	16.5	49.5	





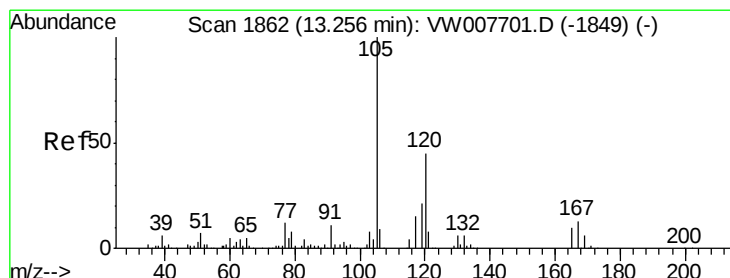
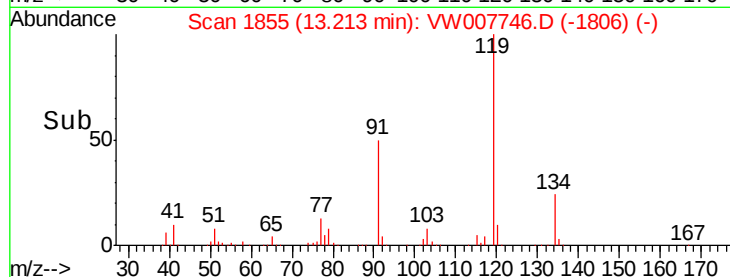
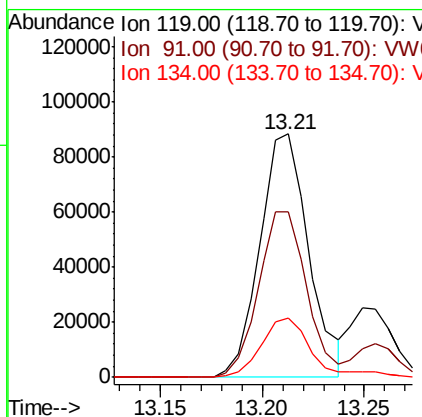
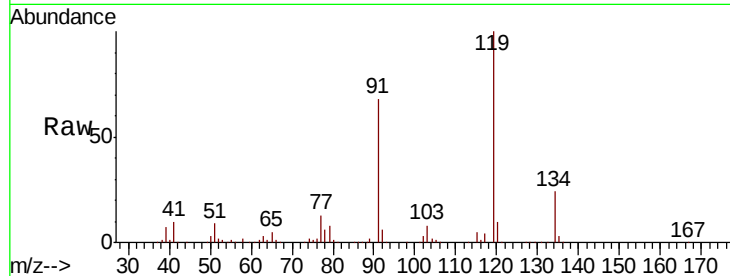
#83
tert-Butylbenzene
Concen: 52.239 ug/l
RT: 13.21 min Scan# 1855
Delta R.T. -0.00 min
Lab File: VW007746.D
Acq: 20 Dec 2018 14:37

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tgt Ion	Ratio	Resp	Lower	Upper
119	100	147988		
91	66.9	34.2	102.5	
134	25.3	12.8	38.4	

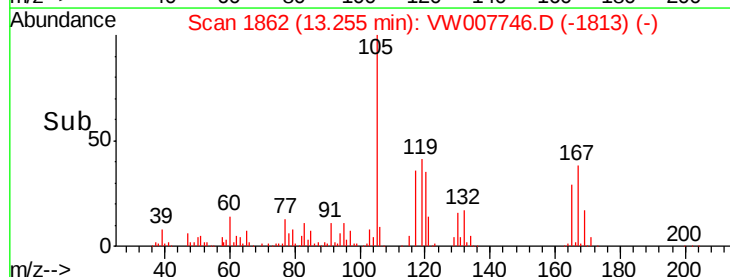
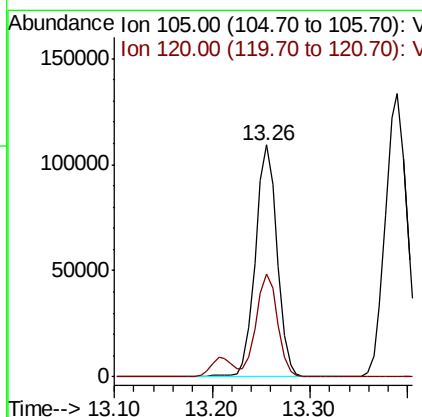
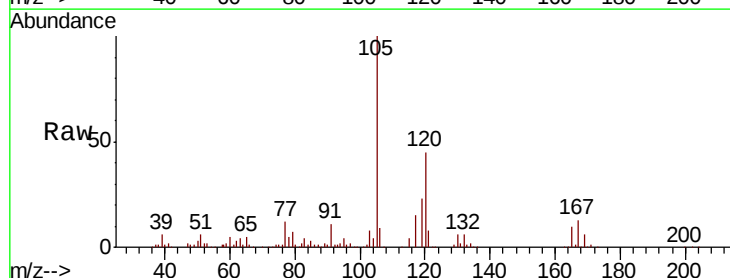
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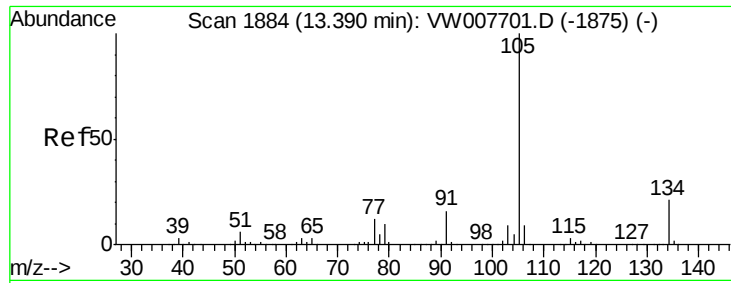
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#84
1,2,4-Trimethylbenzene
Concen: 51.578 ug/l
RT: 13.26 min Scan# 1862
Delta R.T. -0.00 min
Lab File: VW007746.D
Acq: 20 Dec 2018 14:37

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	168038		
120	43.3	22.0	66.0	





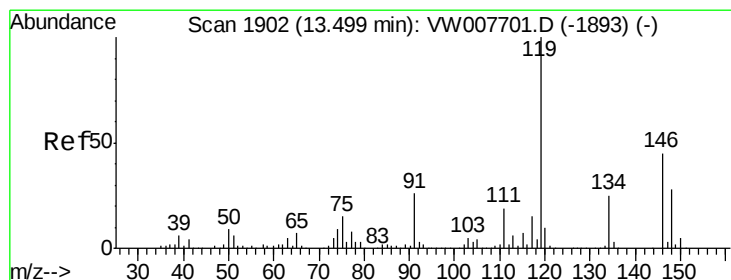
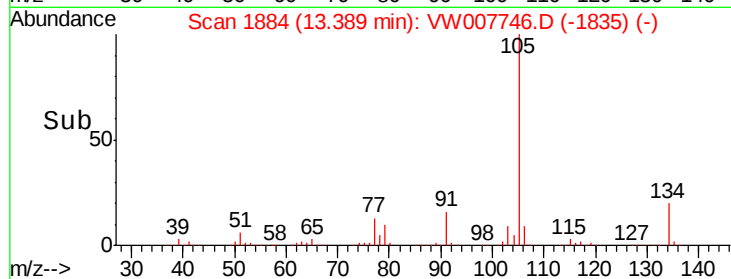
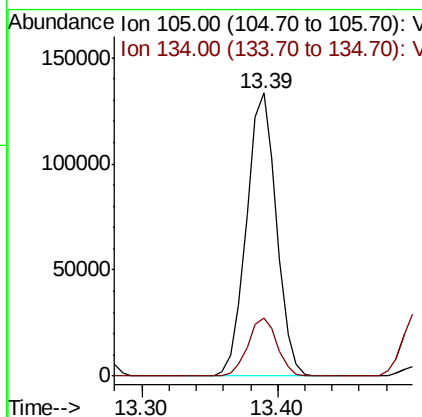
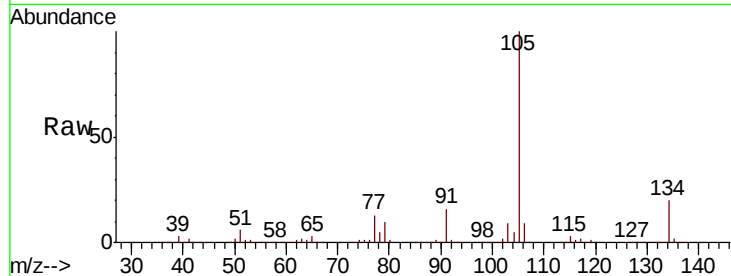
#85
 sec-Butylbenzene
 Concen: 52.498 ug/l
 RT: 13.39 min Scan# 1884
 Delta R.T. -0.00 min
 Lab File: VW007746.D
 Acq: 20 Dec 2018 14:37

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tgt Ion:105 Resp: 204967
 Ion Ratio Lower Upper
 105 100
 134 20.2 10.2 30.4

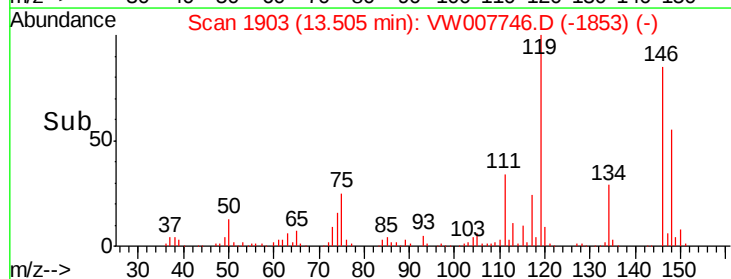
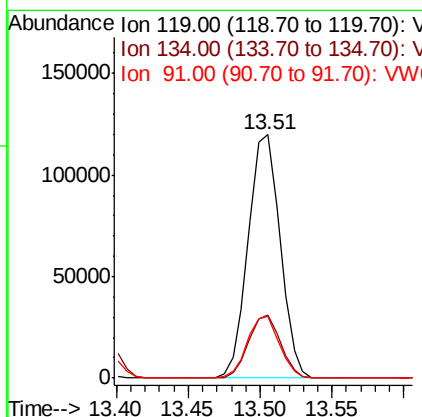
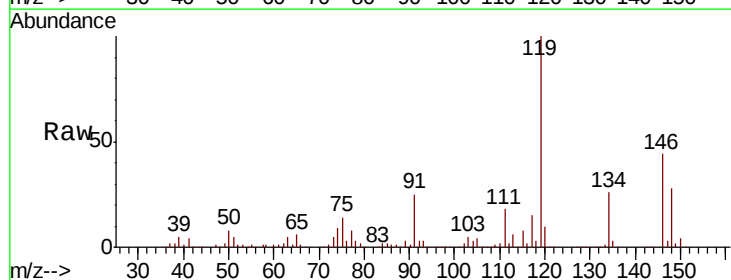
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#86
 p-Isopropyltoluene
 Concen: 51.745 ug/l
 RT: 13.51 min Scan# 1903
 Delta R.T. 0.01 min
 Lab File: VW007746.D
 Acq: 20 Dec 2018 14:37

Tgt Ion:119 Resp: 183704
 Ion Ratio Lower Upper
 119 100
 134 26.0 13.0 39.0
 91 25.5 12.8 38.4





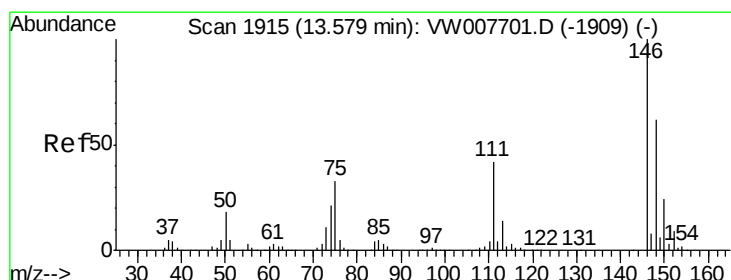
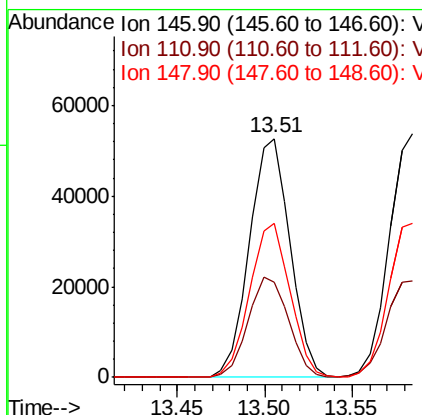
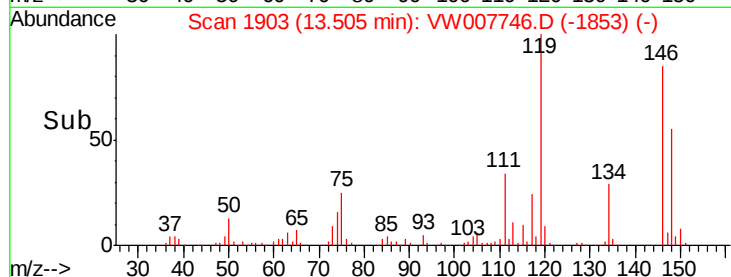
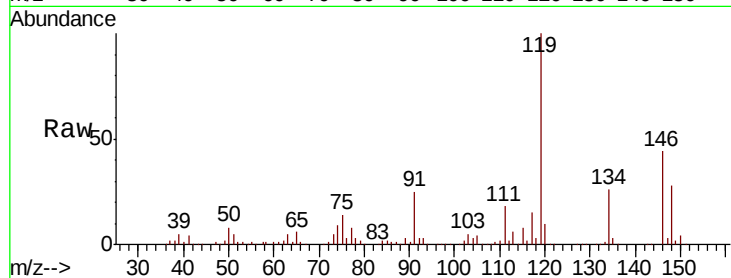
#87
 1,3-Dichlorobenzene
 Concen: 50.101 ug/l
 RT: 13.51 min Scan# 1903
 Delta R.T. 0.01 min
 Lab File: VW007746.D
 Acq: 20 Dec 2018 14:37

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tgt Ion	Ratio	Lower	Upper
146	100		
111	42.0	21.1	63.4
148	64.0	32.1	96.5

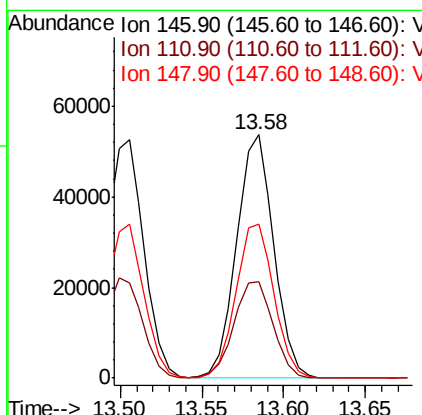
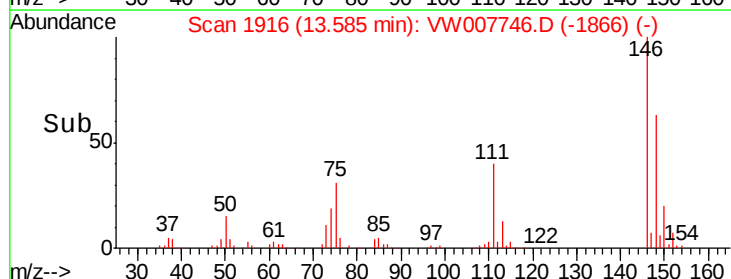
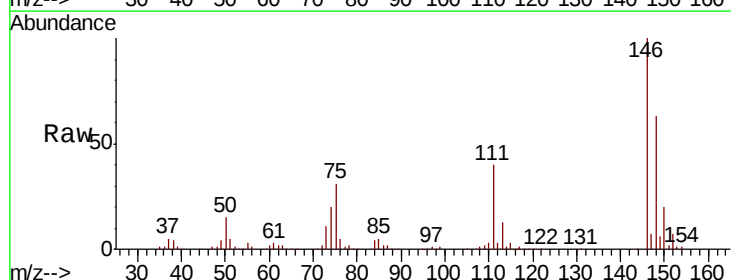
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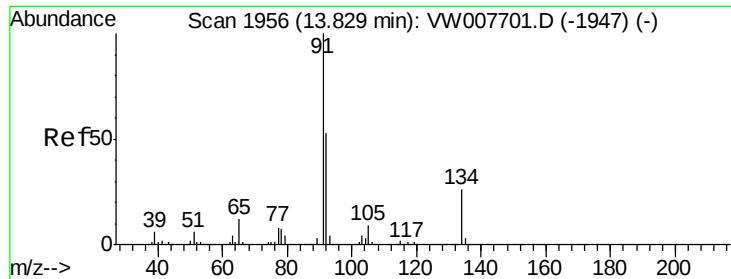
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#88
 1,4-Dichlorobenzene
 Concen: 49.996 ug/l
 RT: 13.58 min Scan# 1916
 Delta R.T. 0.01 min
 Lab File: VW007746.D
 Acq: 20 Dec 2018 14:37

Tgt Ion	Ratio	Lower	Upper
146	100		
111	42.0	21.0	63.0
148	64.9	31.8	95.4





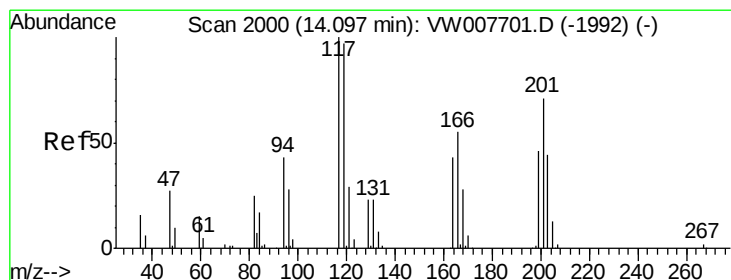
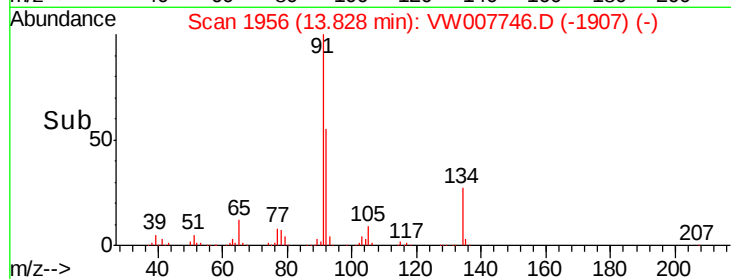
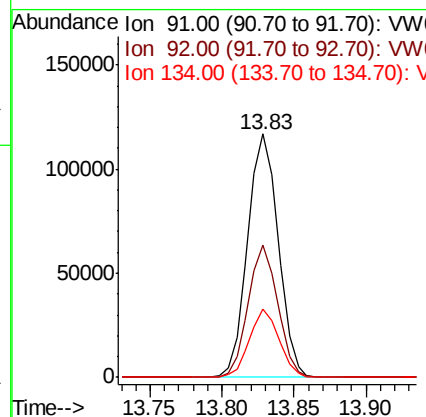
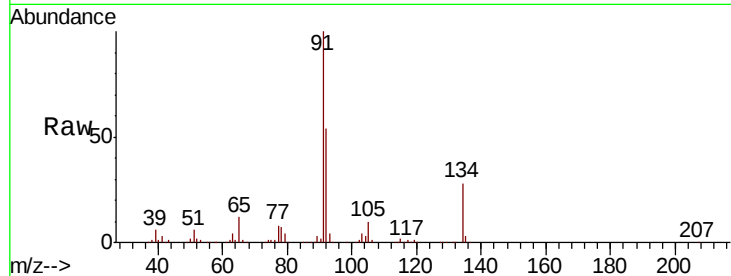
#89
n-Butylbenzene
Concen: 52.776 ug/l
RT: 13.83 min Scan# 1956
Delta R.T. -0.00 min
Lab File: VW007746.D
Acq: 20 Dec 2018 14:37

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tgt Ion	Ratio	Lower	Upper
91	100		
92	52.5	26.4	79.2
134	27.1	13.7	41.0

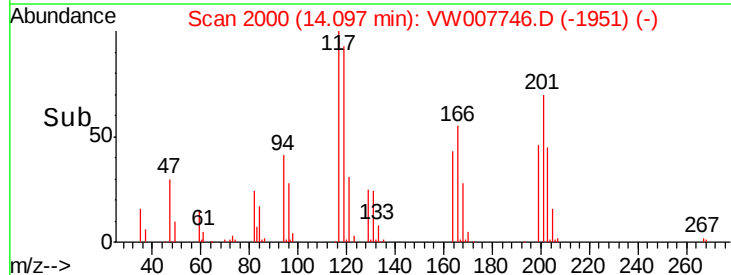
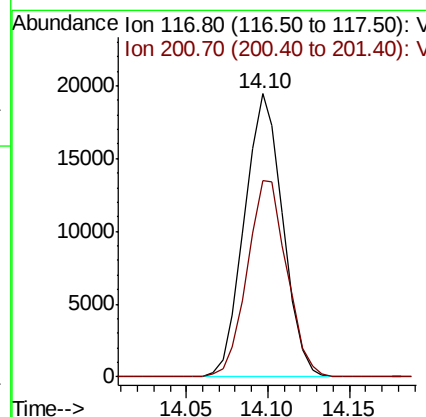
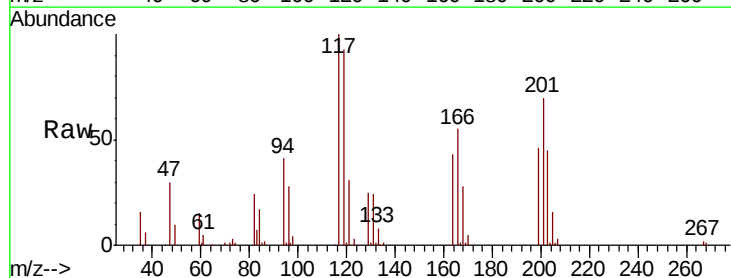
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#90
Hexachloroethane
Concen: 50.936 ug/l
RT: 14.10 min Scan# 2000
Delta R.T. -0.00 min
Lab File: VW007746.D
Acq: 20 Dec 2018 14:37

Tgt Ion	Ratio	Lower	Upper
117	100		
201	71.8	36.2	108.6





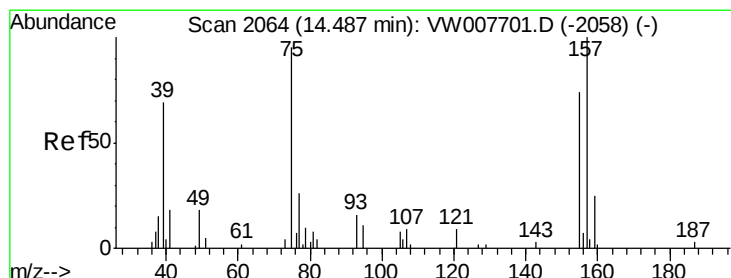
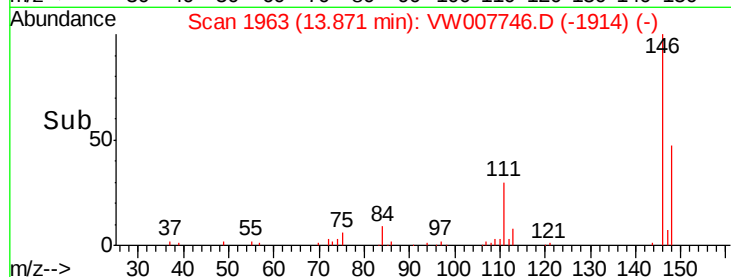
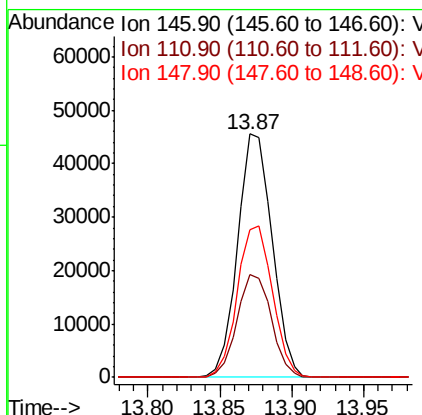
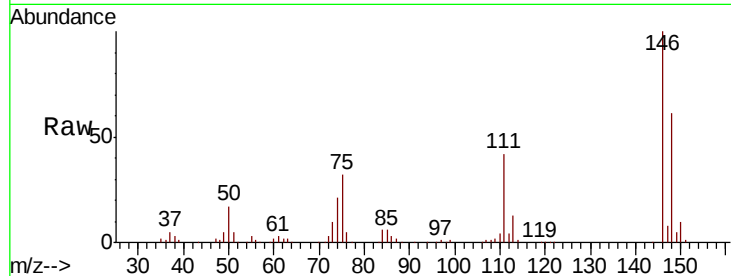
#91
 1,2-Dichlorobenzene
 Concen: 49.760 ug/l
 RT: 13.87 min Scan# 1963
 Delta R.T. -0.00 min
 Lab File: VW007746.D
 Acq: 20 Dec 2018 14:37

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tgt Ion	Ratio	Lower	Upper
146	100		
111	42.1	21.7	65.1
148	63.1	32.1	96.5

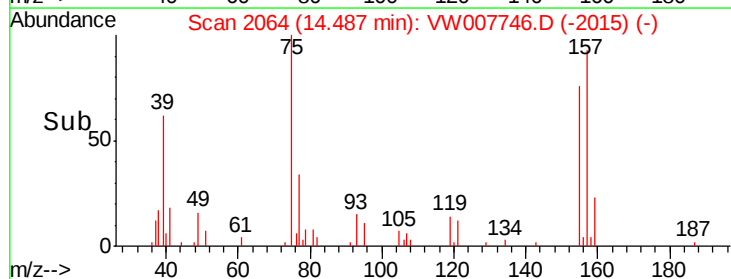
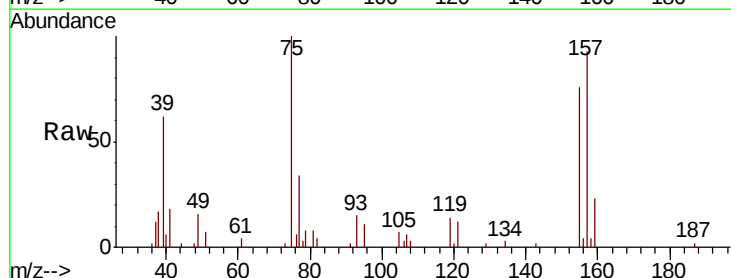
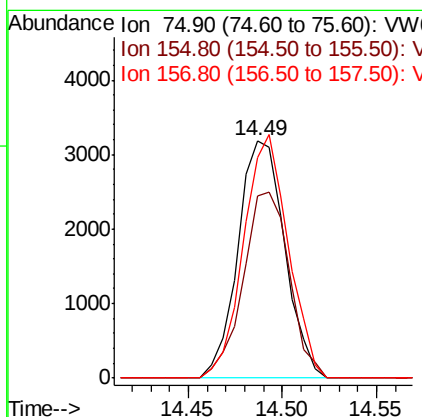
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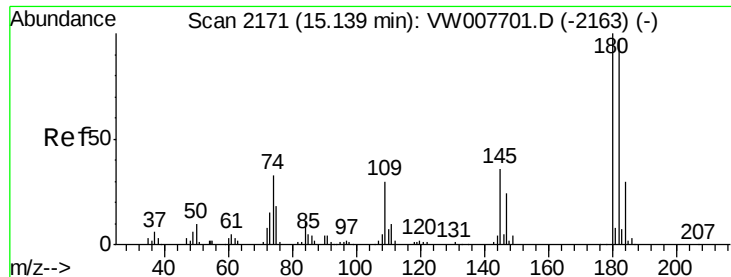
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 47.443 ug/l
 RT: 14.49 min Scan# 2064
 Delta R.T. -0.00 min
 Lab File: VW007746.D
 Acq: 20 Dec 2018 14:37

Tgt Ion	Ratio	Lower	Upper
75	100		
155	77.6	39.4	118.1
157	97.5	52.0	156.0





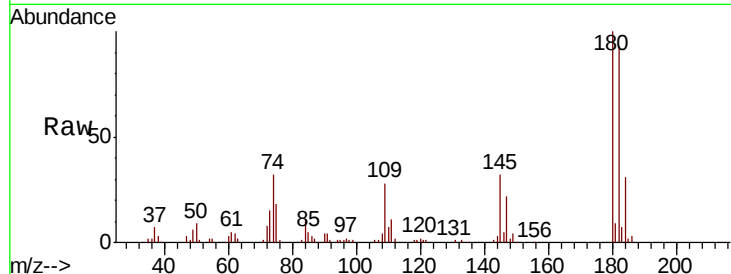
#93
 1,2,4-Trichlorobenzene
 Concen: 48.701 ug/l
 RT: 15.14 min Scan# 2171
 Delta R.T. -0.00 min
 Lab File: VW007746.D
 Acq: 20 Dec 2018 14:37

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	51552		
182	96.1	47.5	142.6	
145	34.4	17.5	52.5	

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 12/21/2018 11:01:54 AM

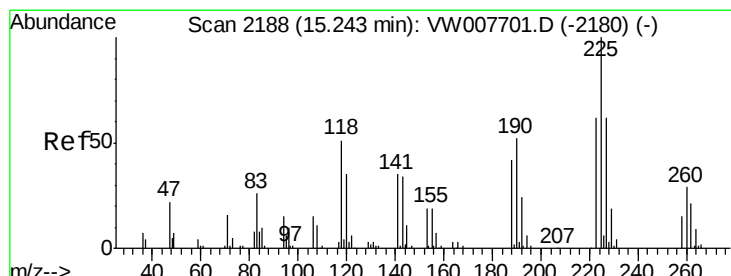
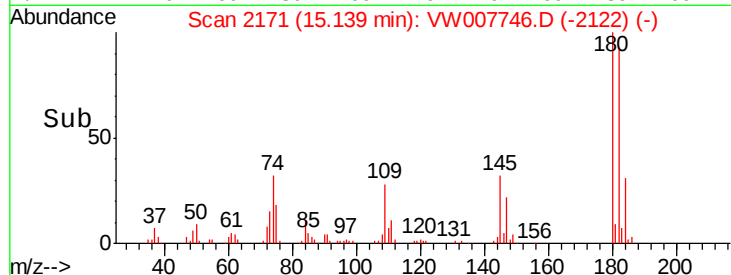
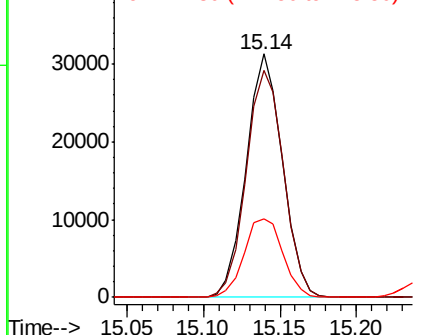


Abundance

Ion 179.80 (179.50 to 180.50): V

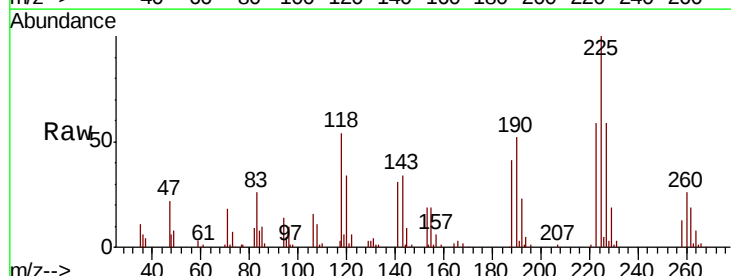
Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V



#94
 Hexachlorobutadiene
 Concen: 52.291 ug/l
 RT: 15.24 min Scan# 2188
 Delta R.T. -0.00 min
 Lab File: VW007746.D
 Acq: 20 Dec 2018 14:37

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	29581		
223	61.0	31.6	94.8	
227	62.3	32.1	96.3	

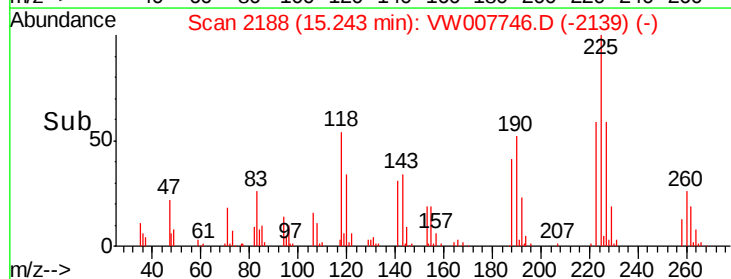
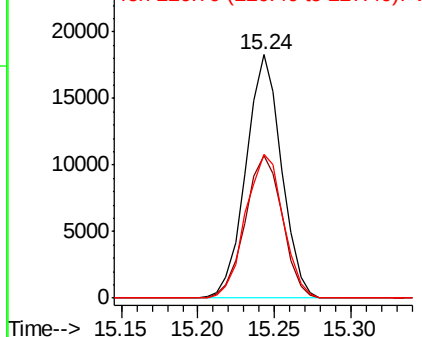


Abundance

Ion 224.70 (224.40 to 225.40): V

Ion 222.70 (222.40 to 223.40): V

Ion 226.70 (226.40 to 227.40): V





#95

Naphthalene

Concen: 49.153 ug/l

RT: 15.38 min Scan# 2210

Delta R.T. -0.00 min

Lab File: VW007746.D

Acq: 20 Dec 2018 14:37

Instrument :

MSVOA_W

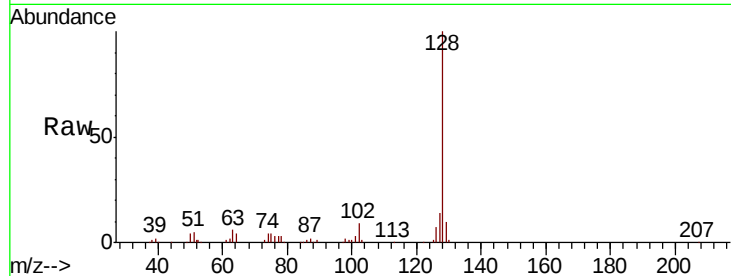
ClientSampleId :

VSTDCCC050

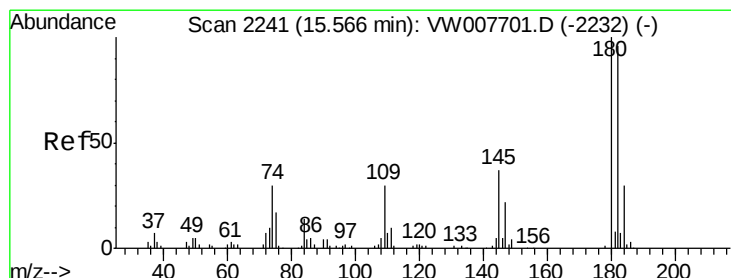
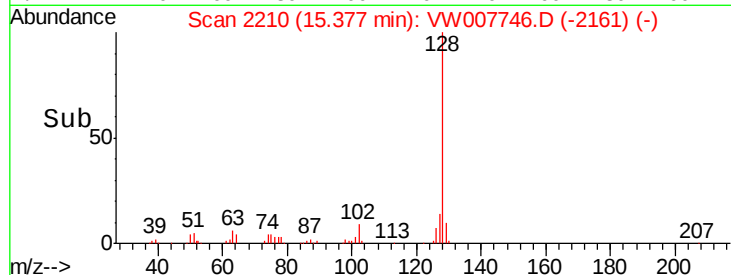
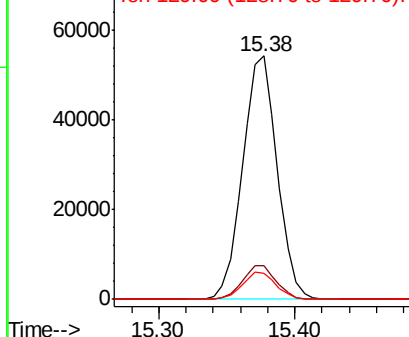
Tgt Ion:	128	Resp:	96194
Ion	Ratio	Lower	Upper
128	100		
127	13.8	10.7	16.1
129	10.9	8.8	13.2

Manual Integrations
APPROVED

apatel
12/21/2018 11:01:54 AM



Abundance Ion 128.00 (127.70 to 128.70): V
Ion 127.00 (126.70 to 127.70): V
Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 49.480 ug/l

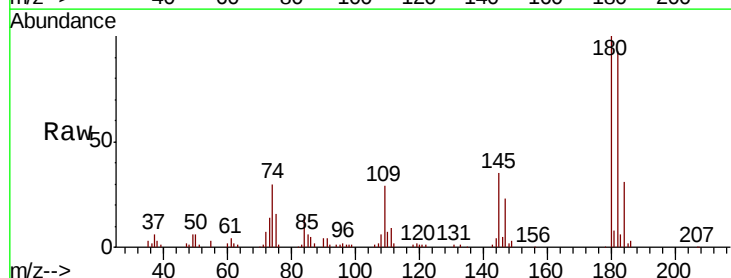
RT: 15.57 min Scan# 2241

Delta R.T. -0.00 min

Lab File: VW007746.D

Acq: 20 Dec 2018 14:37

Tgt Ion:	180	Resp:	44834
Ion	Ratio	Lower	Upper
180	100		
182	94.6	47.4	142.2
145	35.8	18.4	55.0



Abundance Ion 179.80 (179.50 to 180.50): V
Ion 181.80 (181.50 to 182.50): V
Ion 144.90 (144.60 to 145.60): V

