

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW120418\
 Data File : VW007201.D
 Acq On : 04 Dec 2018 21:11
 Operator : SY/AP
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA_W/SOIL
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
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Quant Time: Dec 05 08:33:55 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W120418S.M
 Quant Title : SW846 8260
 QLast Update : Tue Dec 04 14:18:19 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	106559	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	171416	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	152606	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	77734	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	49152	49.54	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.08%	
35) Dibromofluoromethane	7.89	113	47746	48.64	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.28%	
50) Toluene-d8	10.33	98	213269	49.33	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.66%	
62) 4-Bromofluorobenzene	12.62	95	81343	49.85	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.70%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.00	85	48824	41.879	ug/l	97
3) Chloromethane	2.22	50	65155	44.131	ug/l	100
4) Vinyl Chloride	2.36	62	41459	44.850	ug/l	99
5) Bromomethane	2.76	94	24090	52.006	ug/l	94
6) Chloroethane	2.92	64	24997	48.195	ug/l	99
7) Trichlorofluoromethane	3.26	101	78700	43.668	ug/l	99
8) Diethyl Ether	3.69	74	24346	48.463	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	4.07	101	47935	44.029	ug/l	99
10) Methyl Iodide	4.28	142	37267	40.183	ug/l	100
11) Tert butyl alcohol	5.17	59	20671	215.684	ug/l	98
12) 1,1-Dichloroethene	4.04	96	44796	43.906	ug/l	97
13) Acrolein	3.90	56	18161	261.248	ug/l	100
14) Allyl chloride	4.67	41	74416	45.503	ug/l	99
15) Acrylonitrile	5.37	53	52897	251.877	ug/l	98
16) Acetone	4.13	43	50165	213.590	ug/l	97
17) Carbon Disulfide	4.38	76	155535	46.247	ug/l	98
18) Methyl Acetate	4.68	43	26106	48.696	ug/l	98
19) Methyl tert-butyl Ether	5.43	73	118508	49.334	ug/l	99
20) Methylene Chloride	4.92	84	60555	51.337	ug/l	98
21) trans-1,2-Dichloroethene	5.43	96	52052	45.691	ug/l	96
22) Diisopropyl ether	6.32	45	146823	50.011	ug/l	97
23) Vinyl Acetate	6.26	43	399625	249.467	ug/l	99
24) 1,1-Dichloroethane	6.23	63	88444	47.003	ug/l	99
25) 2-Butanone	7.17	43	63102	231.773	ug/l	99
26) 2,2-Dichloropropane	7.17	77	77847	43.051	ug/l	99
27) cis-1,2-Dichloroethene	7.18	96	57662	47.215	ug/l	99
28) Bromochloromethane	7.52	49	34277	50.519	ug/l	97
29) Tetrahydrofuran	7.53	42	41615	247.350	ug/l	100
30) Chloroform	7.68	83	92757	47.432	ug/l	99
31) Cyclohexane	7.96	56	84847	43.096	ug/l	99
32) 1,1,1-Trichloroethane	7.88	97	86545	47.026	ug/l	100
36) 1,1-Dichloropropene	8.09	75	75988	45.559	ug/l	99
37) Ethyl Acetate	7.26	43	29499	48.894	ug/l	98
38) Carbon Tetrachloride	8.07	117	76165	44.740	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	98300	44.026	ug/l	99
40) Benzene	8.33	78	218702	47.818	ug/l	98
41) Methacrylonitrile	7.49	41	17669	48.894	ug/l	97
42) 1,2-Dichloroethane	8.40	62	59256	46.358	ug/l	99
43) Isopropyl Acetate	8.43	43	57352	48.945	ug/l	99
44) Trichloroethene	9.09	130	60792	47.287	ug/l	97
45) 1,2-Dichloropropane	9.37	63	50471	47.421	ug/l	100
46) Dibromomethane	9.46	93	25600	46.289	ug/l	100
47) Bromodichloromethane	9.65	83	68450	47.052	ug/l	96
48) Methyl methacrylate	9.44	41	29300	48.178	ug/l	96
49) 1,4-Dioxane	9.45	88	9801	1014.471	ug/l	97
51) 4-Methyl-2-Pentanone	10.21	43	148374	256.945	ug/l	99
52) Toluene	10.39	92	152588	47.961	ug/l	99
53) t-1,3-Dichloropropene	10.61	75	70804	48.410	ug/l	95
54) cis-1,3-Dichloropropene	10.08	75	81350	47.461	ug/l	94
55) 1,1,2-Trichloroethane	10.79	97	38549	49.003	ug/l	94
56) Ethyl methacrylate	10.65	69	50906	49.608	ug/l	97
57) 1,3-Dichloropropane	10.93	76	62128	46.779	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.93	63	104508	253.555	ug/l	100
59) 2-Hexanone	10.97	43	106315	253.974	ug/l	98
60) Dibromochloromethane	11.13	129	45050	46.594	ug/l	100
61) 1,2-Dibromoethane	11.24	107	37982	50.339	ug/l	97
64) Tetrachloroethene	10.87	164	53729	48.189	ug/l	98
65) Chlorobenzene	11.66	112	164018	48.124	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.73	131	51494	48.921	ug/l	97
67) Ethyl Benzene	11.73	91	294208	47.362	ug/l	93
68) m/p-Xylenes	11.84	106	233867	95.967	ug/l	98
69) o-Xylene	12.17	106	105441	46.310	ug/l	90
70) Styrene	12.18	104	176317	47.307	ug/l	97
71) Bromoform	12.35	173	25313	48.039	ug/l #	96
73) Isopropylbenzene	12.47	105	301880	47.748	ug/l	98
74) N-amyl acetate	12.27	43	55447	49.465	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.72	83	41142	50.106	ug/l	98
76) 1,2,3-Trichloropropane	12.77	75	26398m	22.598	ug/l	
77) Bromobenzene	12.75	156	66107	48.440	ug/l	99
78) n-propylbenzene	12.80	91	349224	46.363	ug/l	97
79) 2-Chlorotoluene	12.90	91	197370	46.402	ug/l	95
80) 1,3,5-Trimethylbenzene	12.95	105	247409	45.743	ug/l	96
81) trans-1,4-Dichloro-2-buten	12.52	75	13782	49.352	ug/l	98
82) 4-Chlorotoluene	12.99	91	217923	48.159	ug/l	95
83) tert-Butylbenzene	13.21	119	223558	47.298	ug/l	96
84) 1,2,4-Trimethylbenzene	13.26	105	246828	44.707	ug/l	95
85) sec-Butylbenzene	13.39	105	298610	44.254	ug/l	99
86) p-Isopropyltoluene	13.51	119	268041	44.623	ug/l	100
87) 1,3-Dichlorobenzene	13.51	146	128183	45.754	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	131526	46.478	ug/l	99
89) n-Butylbenzene	13.83	91	264680	47.153	ug/l	96
90) Hexachloroethane	14.10	117	42654	46.598	ug/l	97
91) 1,2-Dichlorobenzene	13.88	146	116281	47.945	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.49	75	8188	51.477	ug/l	100

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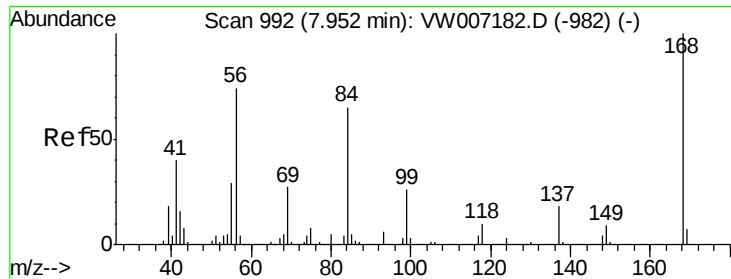
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.14	180	79389	47.234	ug/l	98
94) Hexachlorobutadiene	15.24	225	42262	46.628	ug/l	97
95) Naphthalene	15.38	128	152631	50.670	ug/l	99
96) 1,2,3-Trichlorobenzene	15.57	180	68271	48.171	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.00 min

Lab File: VW007201.D

Acq: 04 Dec 2018 21:11

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 168 Resp: 106559

Ion Ratio Lower Upper

168 100

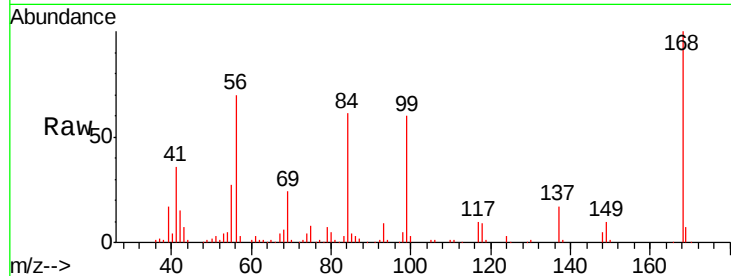
99 60.1 47.8 71.8

Manual Integrations

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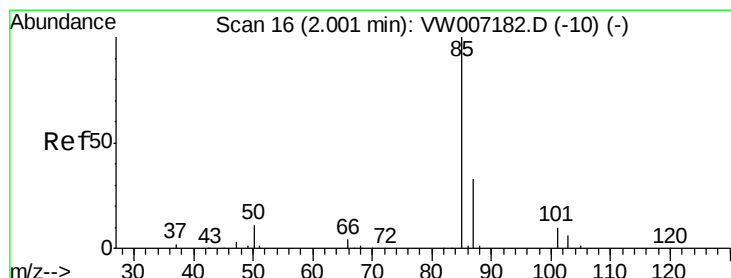
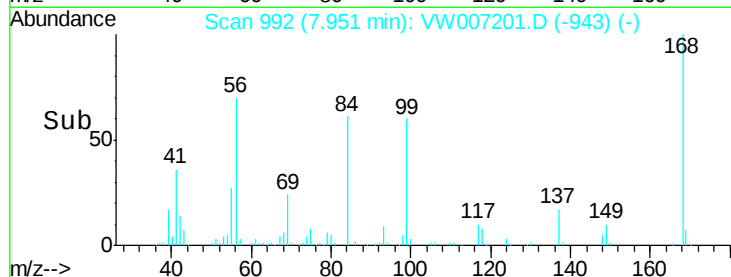
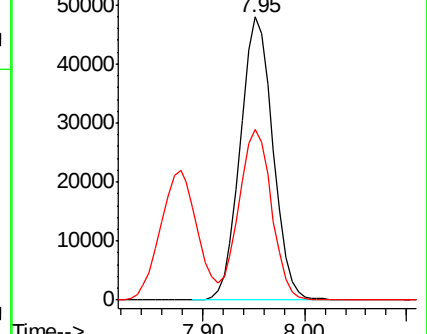
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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#2

Dichlorodifluoromethane

Concen: 41.879 ug/l

RT: 2.00 min Scan# 16

Delta R.T. -0.00 min

Lab File: VW007201.D

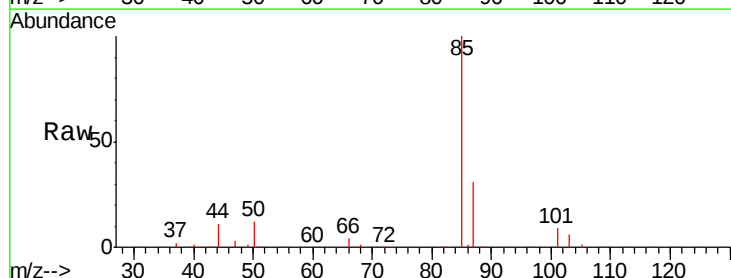
Acq: 04 Dec 2018 21:11

Tgt Ion: 85 Resp: 48824

Ion Ratio Lower Upper

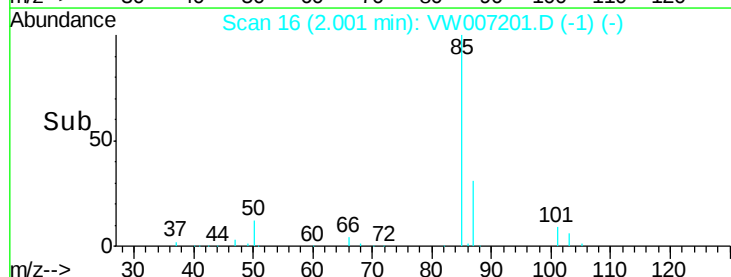
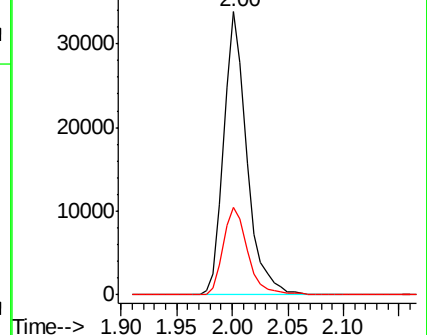
85 100

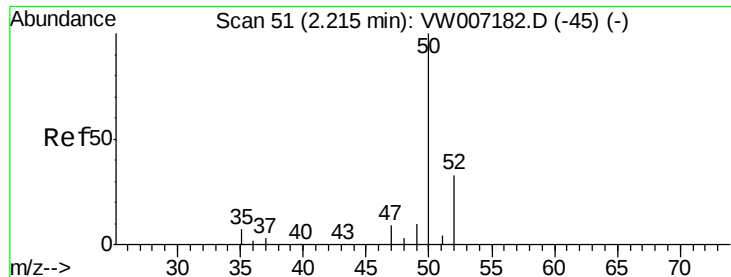
87 31.1 16.5 49.5



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW





#3

Chloromethane

Concen: 44.131 ug/l

RT: 2.22 min Scan# 52

Delta R.T. 0.01 min

Lab File: VW007201.D

Acq: 04 Dec 2018 21:11

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 50 Resp: 65155

Ion Ratio Lower Upper

50 100

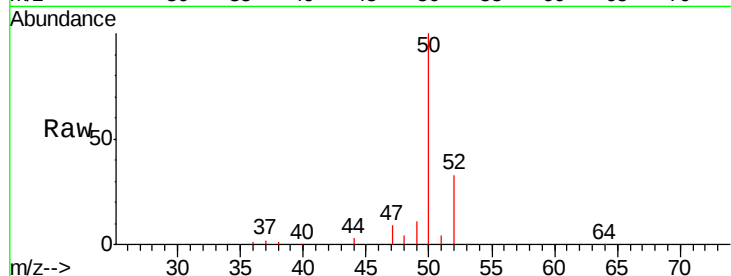
52 32.8 26.2 39.2

Manual Integrations

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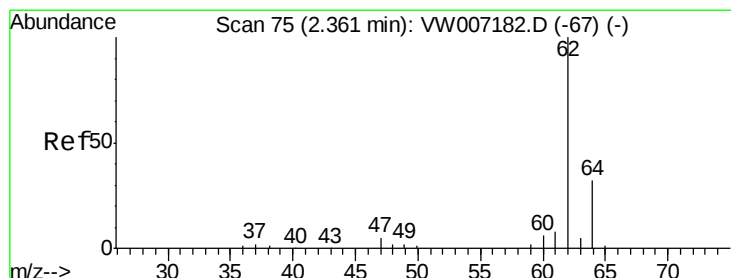
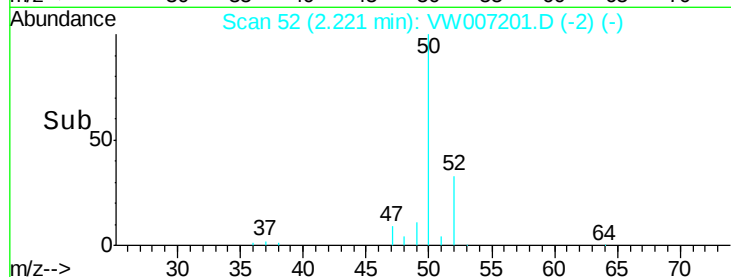
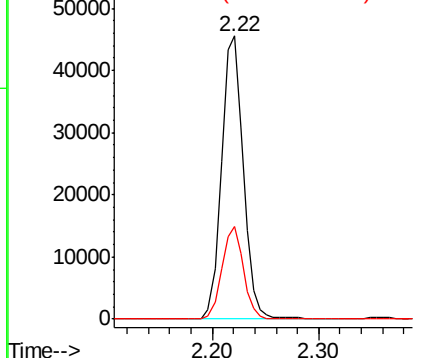
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Abundance Ion 49.90 (49.60 to 50.60): VW

Ion 51.90 (51.60 to 52.60): VW



#4

Vinyl Chloride

Concen: 44.850 ug/l

RT: 2.36 min Scan# 75

Delta R.T. -0.00 min

Lab File: VW007201.D

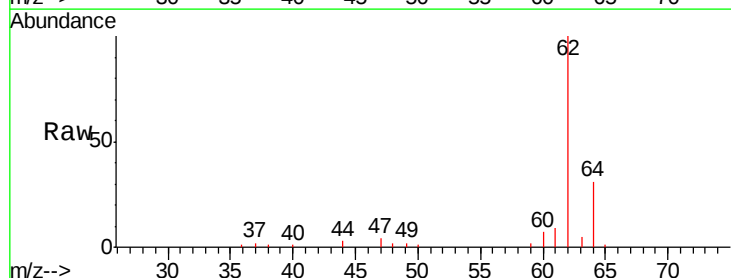
Acq: 04 Dec 2018 21:11

Tgt Ion: 62 Resp: 41459

Ion Ratio Lower Upper

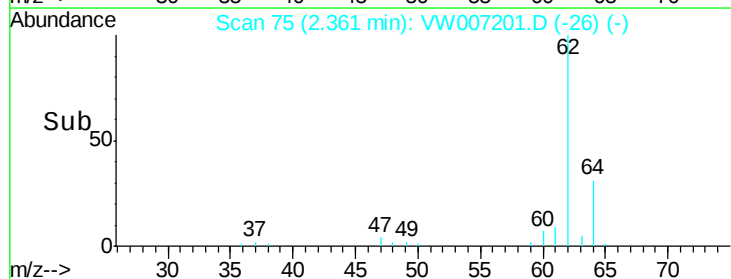
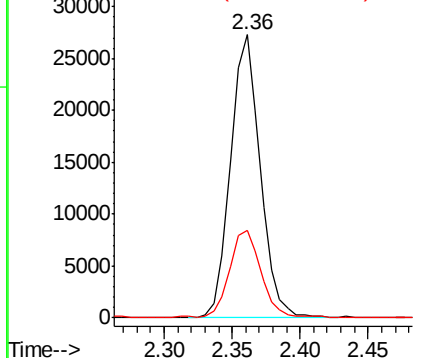
62 100

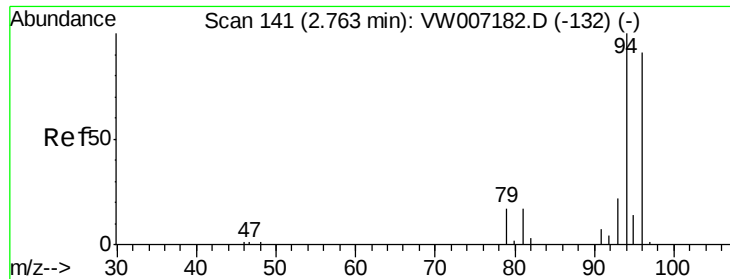
64 30.8 25.3 37.9



Abundance Ion 61.90 (61.60 to 62.60): VW

Ion 63.90 (63.60 to 64.60): VW





#5

Bromomethane

Concen: 52.006 ug/l

RT: 2.76 min Scan# 141

Delta R.T. -0.00 min

Lab File: VW007201.D

Acq: 04 Dec 2018 21:11

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 94 Resp: 24090

Ion Ratio Lower Upper

94 100

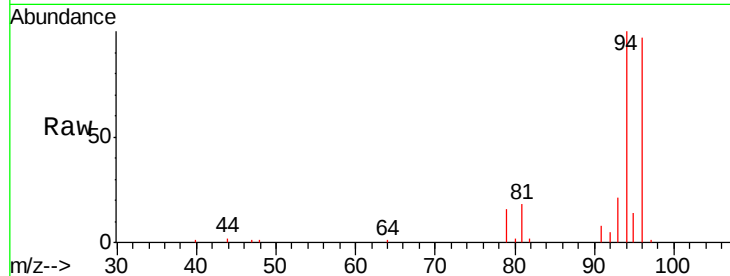
96 96.7 72.8 109.2

Manual Integrations

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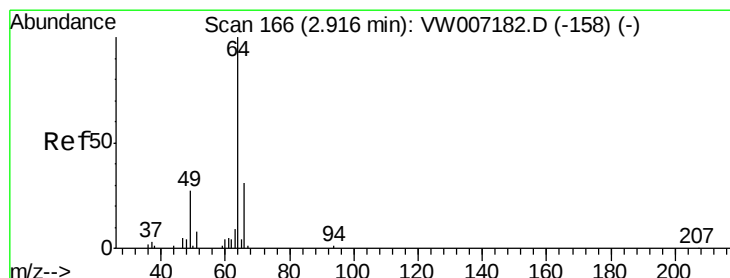
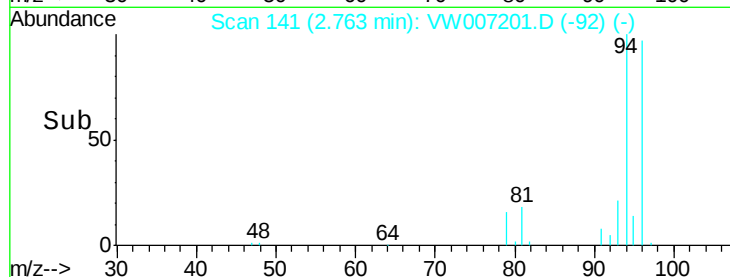
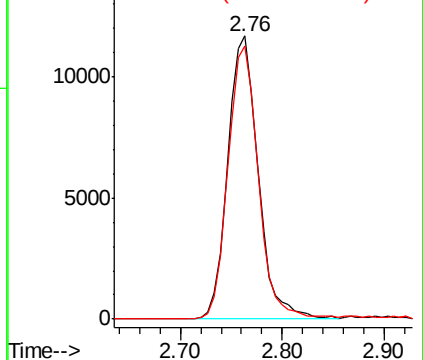
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Abundance Ion 93.90 (93.60 to 94.60): VW

Ion 95.90 (95.60 to 96.60): VW



#6

Chloroethane

Concen: 48.195 ug/l

RT: 2.92 min Scan# 166

Delta R.T. -0.00 min

Lab File: VW007201.D

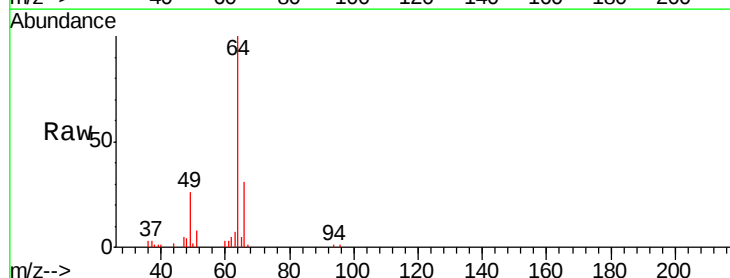
Acq: 04 Dec 2018 21:11

Tgt Ion: 64 Resp: 24997

Ion Ratio Lower Upper

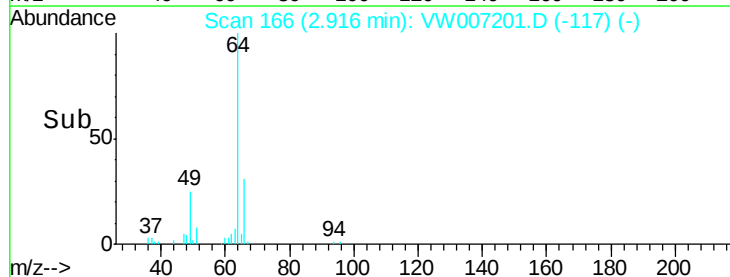
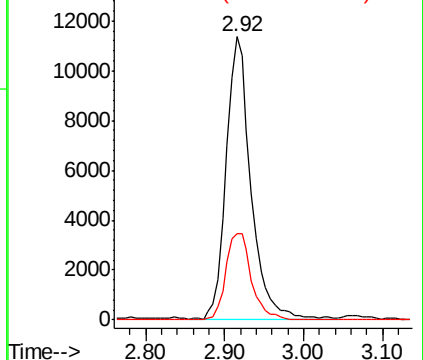
64 100

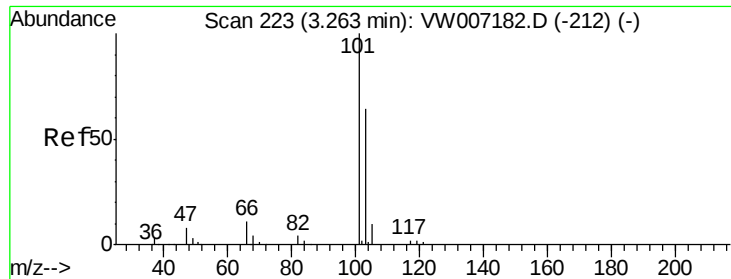
66 30.5 25.0 37.6



Abundance Ion 63.90 (63.60 to 64.60): VW

Ion 65.90 (65.60 to 66.60): VW





#7

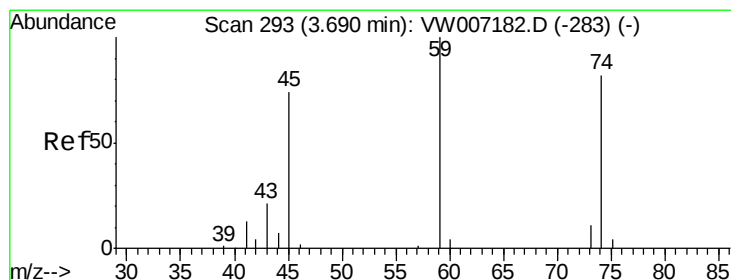
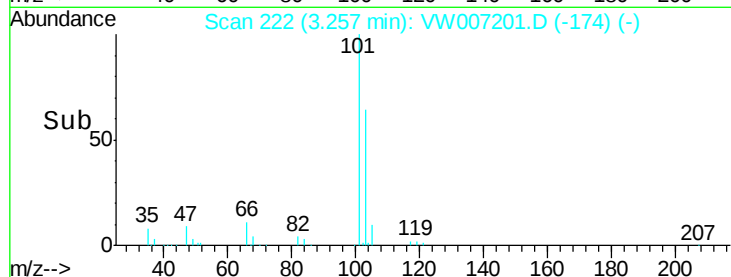
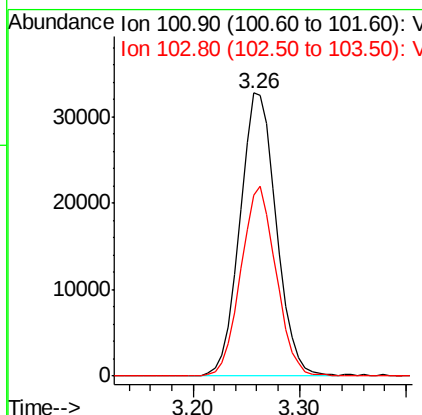
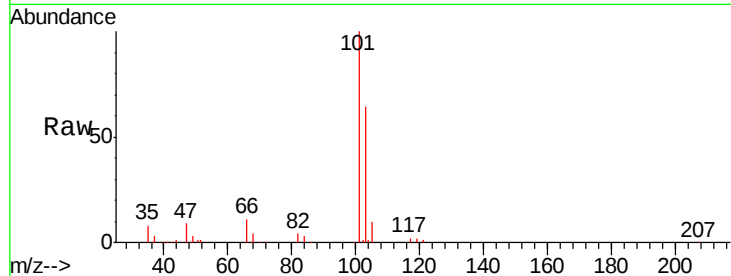
Trichlorofluoromethane
 Concen: 43.668 ug/l
 RT: 3.26 min Scan# 222
 Delta R.T. -0.01 min
 Lab File: VW007201.D
 Acq: 04 Dec 2018 21:11

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 VSTDCCC050EC

Tgt Ion	Ratio	Lower	Upper
101	100		
103	64.1	50.9	76.3

Manual Integrations
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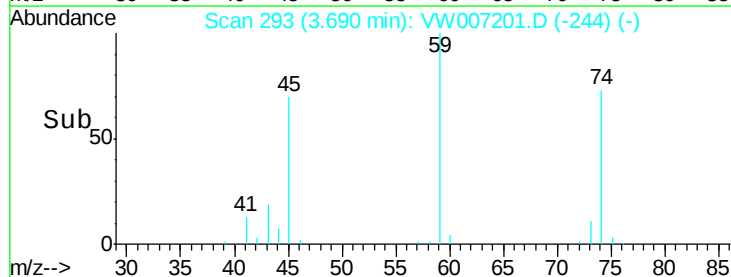
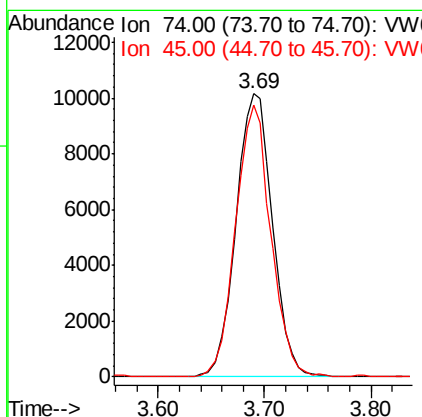
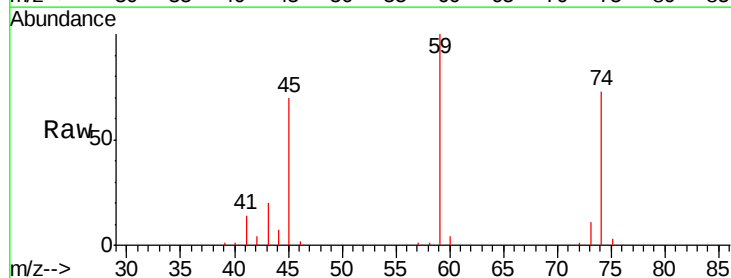
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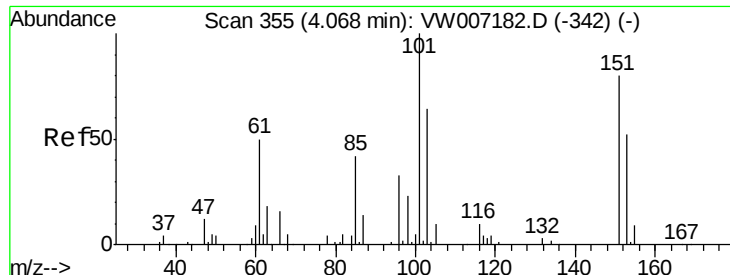


#8

Diethyl Ether
 Concen: 48.463 ug/l
 RT: 3.69 min Scan# 293
 Delta R.T. -0.00 min
 Lab File: VW007201.D
 Acq: 04 Dec 2018 21:11

Tgt Ion	Ratio	Lower	Upper
74	100		
45	93.0	47.2	141.6





#9

1,1,2-Trichlorotrifluoroethane

Concen: 44.029 ug/l

RT: 4.07 min Scan# 355

Delta R.T. -0.00 min

Lab File: VW007201.D

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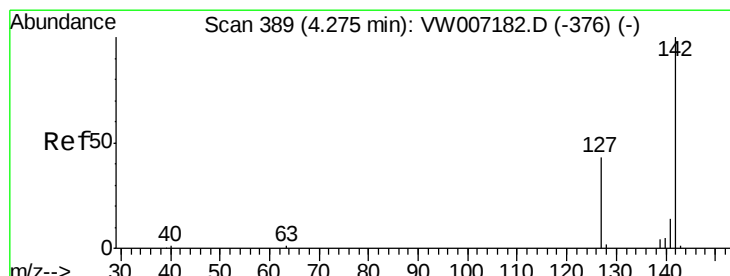
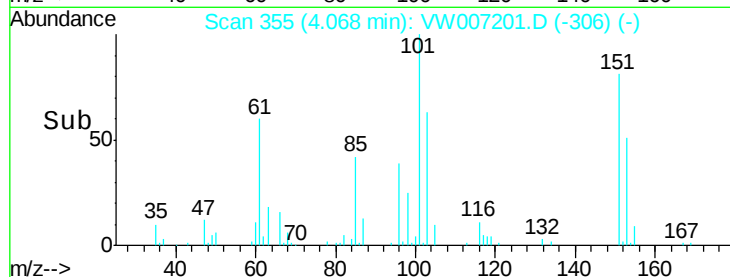
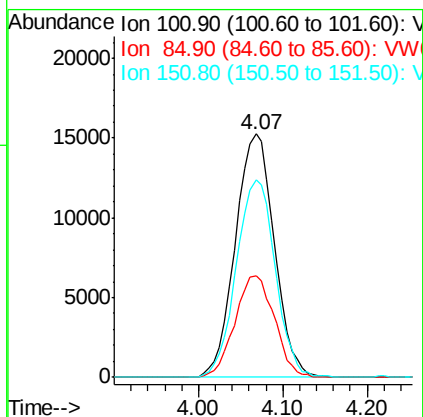
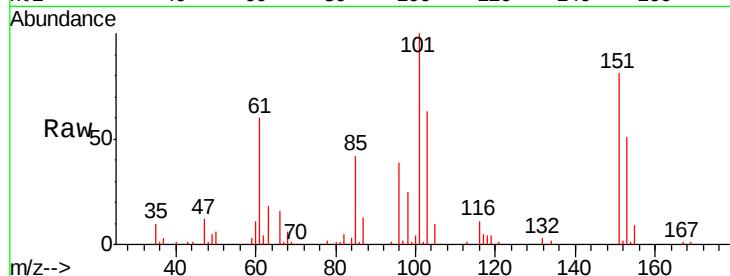
ClientSampleId :

VSTDCCC050EC

Tgt Ion:	101	Resp:	47935
Ion Ratio	Lower	Upper	
101	100		
85	42.3	33.4	50.2
151	80.9	63.9	95.9

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#10

Methyl Iodide

Concen: 40.183 ug/l

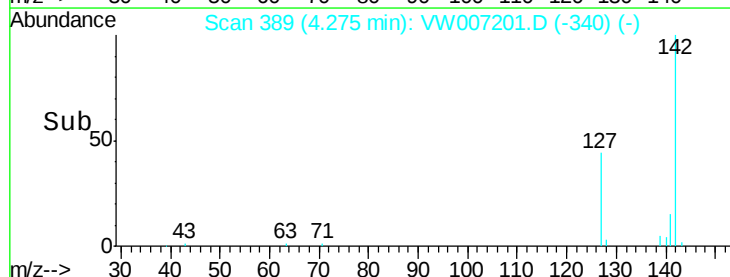
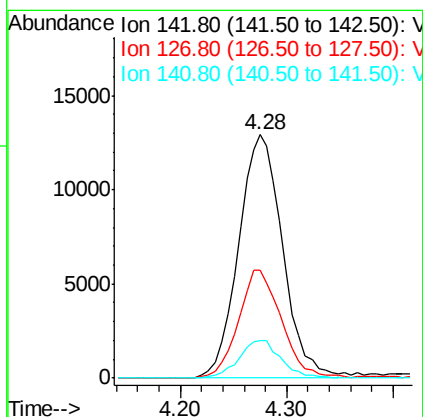
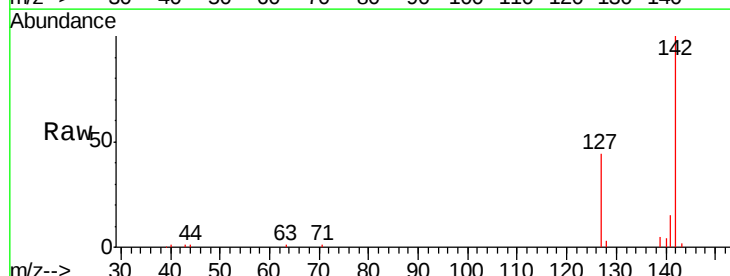
RT: 4.28 min Scan# 389

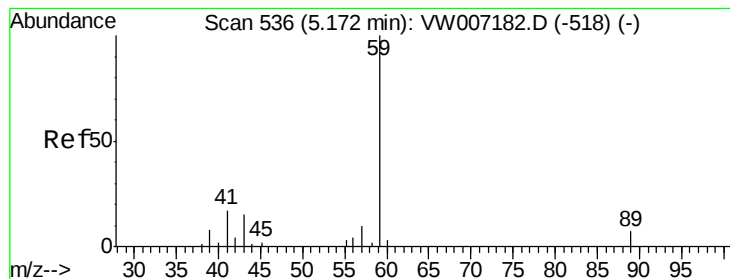
Delta R.T. -0.00 min

Lab File: VW007201.D

Acq: 04 Dec 2018 21:11

Tgt Ion:	142	Resp:	37267
Ion Ratio	Lower	Upper	
142	100		
127	43.4	34.9	52.3
141	14.8	11.7	17.5





#11

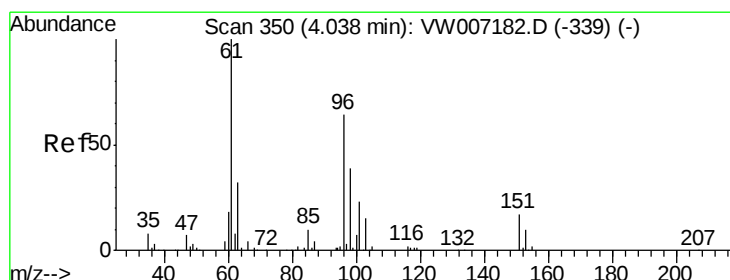
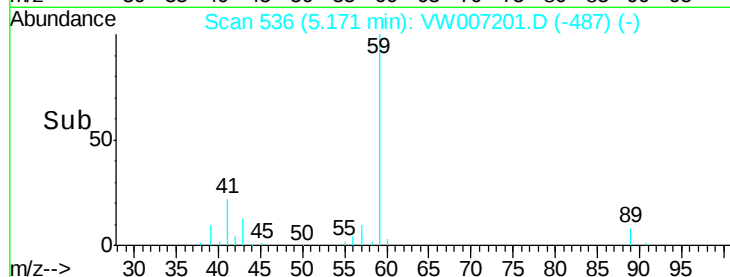
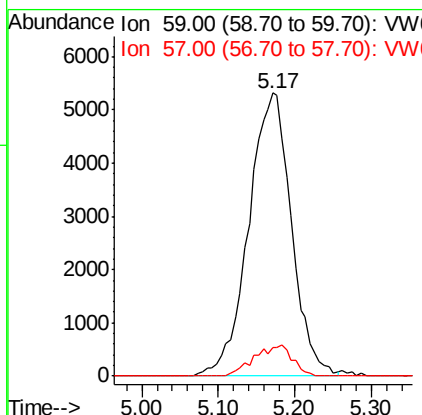
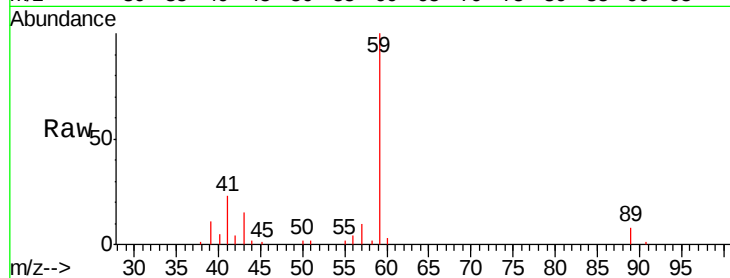
Tert butyl alcohol
Concen: 215.684 ug/l
RT: 5.17 min Scan# 536
Delta R.T. 0.00 min
Lab File: VW007201.D
Acq: 04 Dec 2018 21:11

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tgt Ion	Ratio	Lower	Upper
59	100		
57	9.8	7.1	10.7

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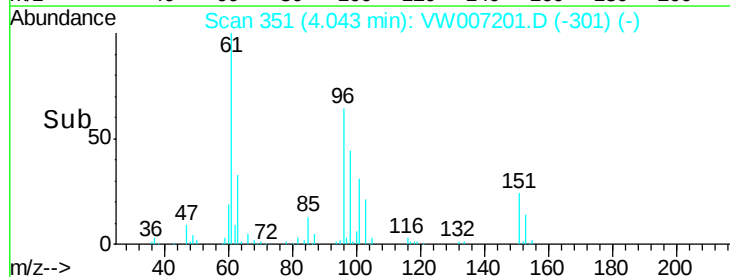
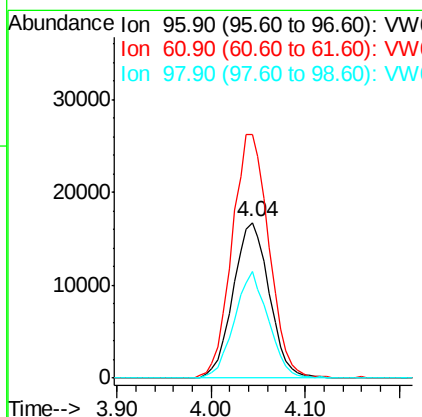
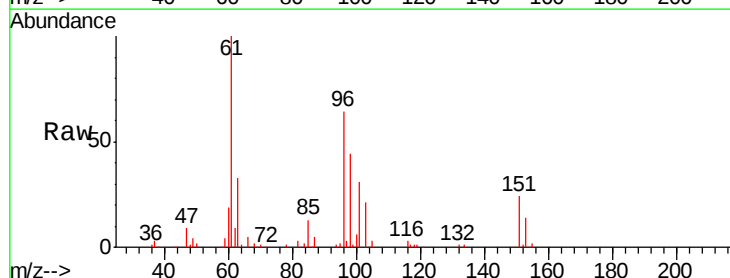
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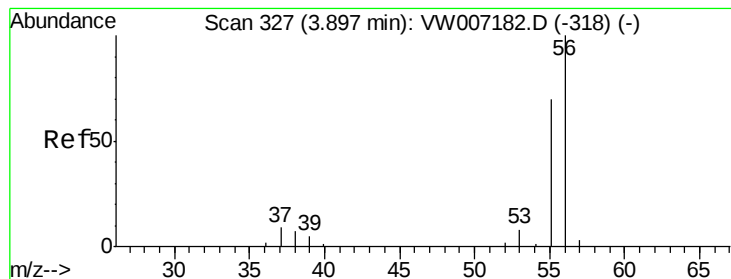


#12

1,1-Dichloroethene
Concen: 43.906 ug/l
RT: 4.04 min Scan# 351
Delta R.T. 0.01 min
Lab File: VW007201.D
Acq: 04 Dec 2018 21:11

Tgt Ion	Ratio	Lower	Upper
96	100		
61	156.1	124.1	186.1
98	68.4	48.6	72.8





#13

Acrolein

Concen: 261.248 ug/l

RT: 3.90 min Scan# 327

Delta R.T. -0.00 min

Lab File: VW007201.D

Acq: 04 Dec 2018 21:11

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 56 Resp: 18161

Ion Ratio Lower Upper

56 100

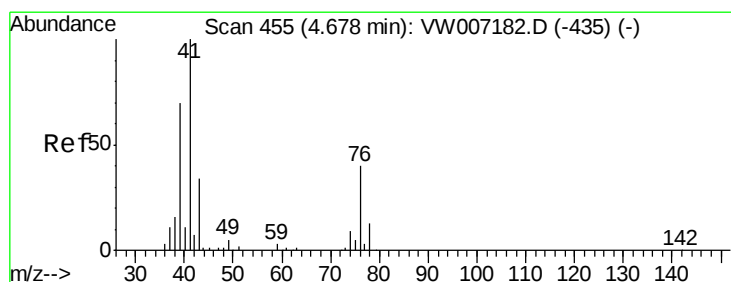
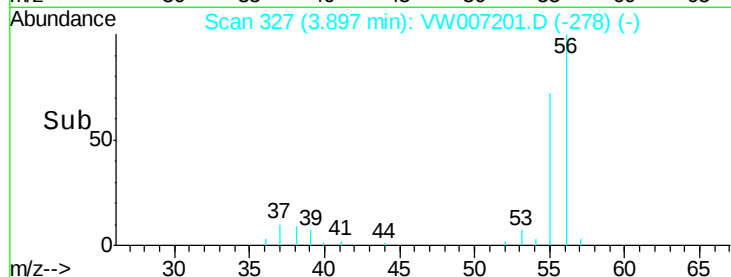
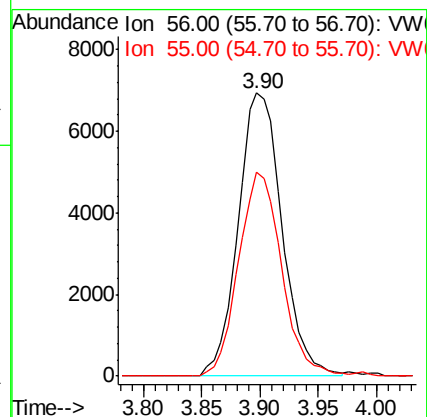
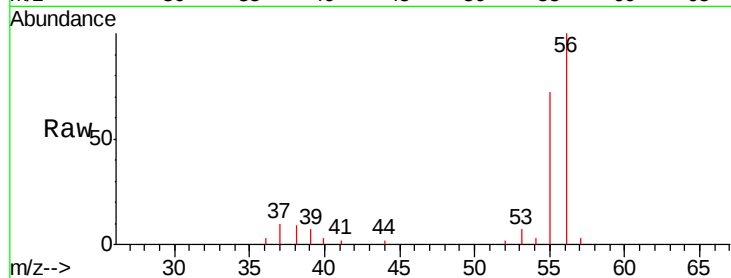
55 70.8 56.9 85.3

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#14

Allyl chloride

Concen: 45.503 ug/l

RT: 4.67 min Scan# 454

Delta R.T. -0.01 min

Lab File: VW007201.D

Acq: 04 Dec 2018 21:11

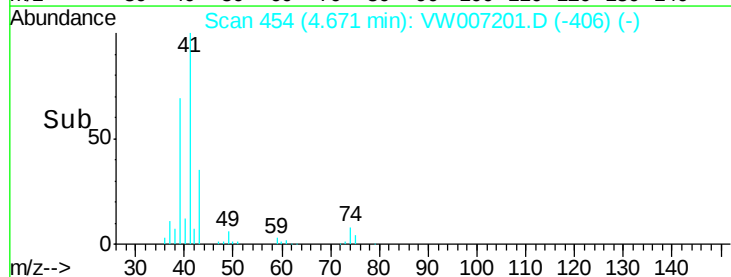
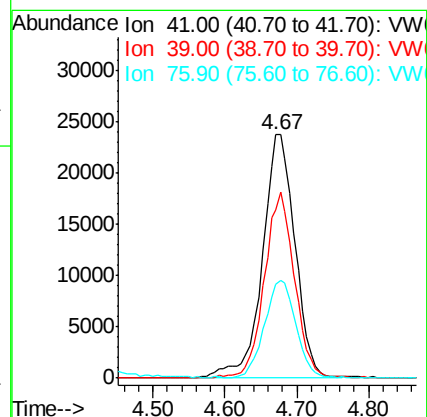
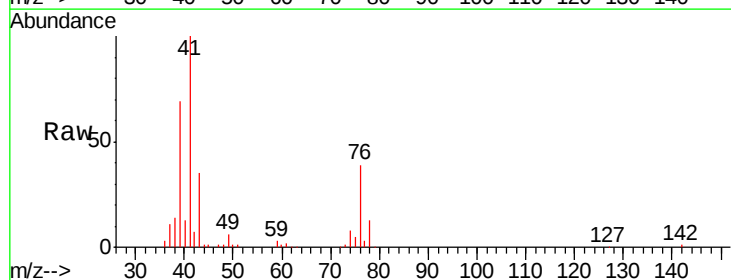
Tgt Ion: 41 Resp: 74416

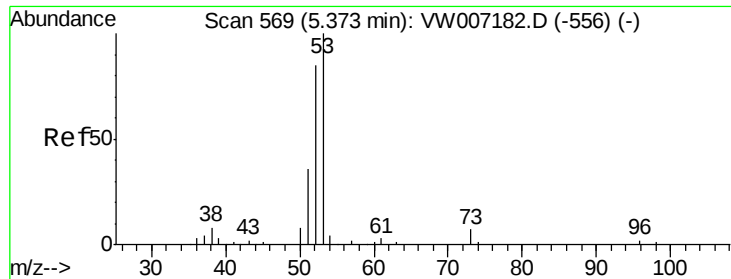
Ion Ratio Lower Upper

41 100

39 70.6 55.9 83.9

76 38.8 30.8 46.2





#15

Acrylonitrile

Concen: 251.877 ug/l

RT: 5.37 min Scan# 569

Delta R.T. -0.00 min

Lab File: VW007201.D

Acq: 04 Dec 2018 21:11

Instrument :

MSVOA_W

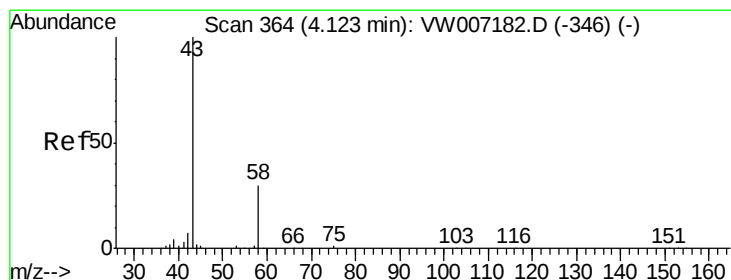
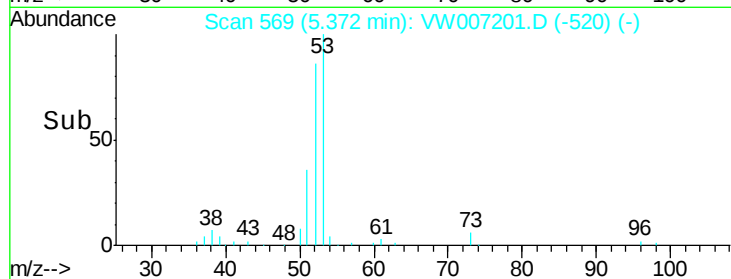
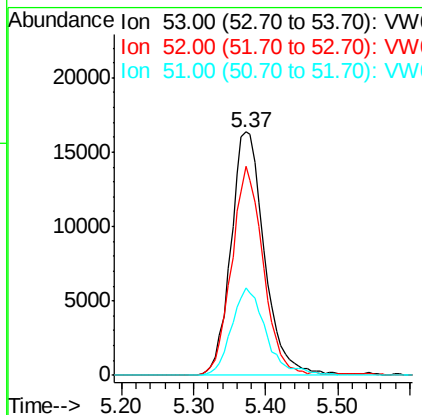
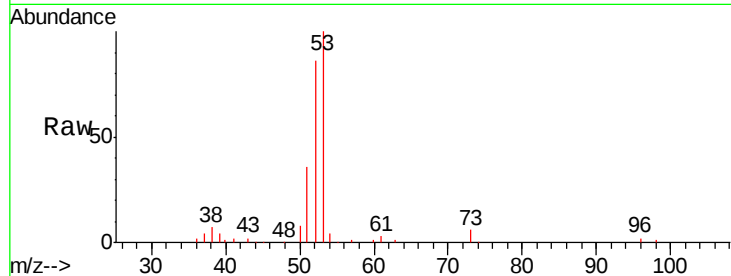
ClientSampleId :

VSTDCCC050EC

Tgt Ion:	53	Resp:	52897
Ion	Ratio	Lower	Upper
53	100		
52	81.1	66.1	99.1
51	36.8	30.3	45.5

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#16

Acetone

Concen: 213.590 ug/l

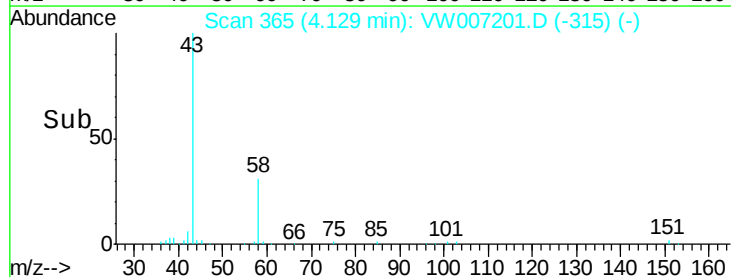
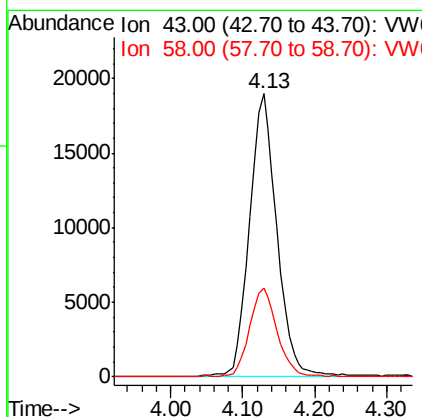
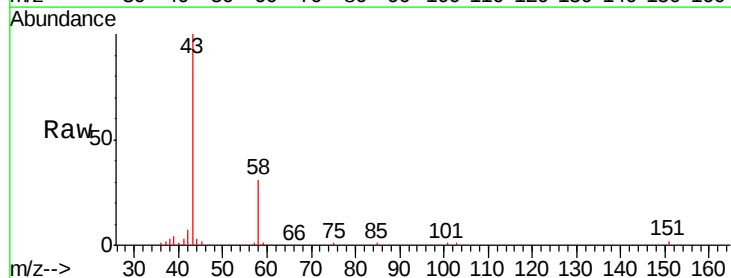
RT: 4.13 min Scan# 365

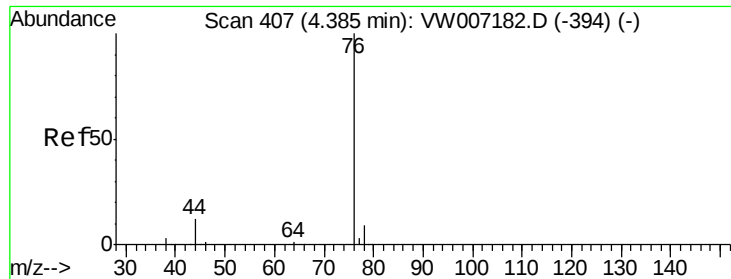
Delta R.T. 0.01 min

Lab File: VW007201.D

Acq: 04 Dec 2018 21:11

Tgt Ion:	43	Resp:	50165
Ion	Ratio	Lower	Upper
43	100		
58	31.4	23.8	35.8





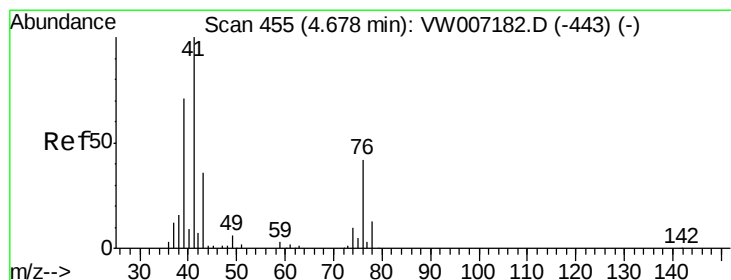
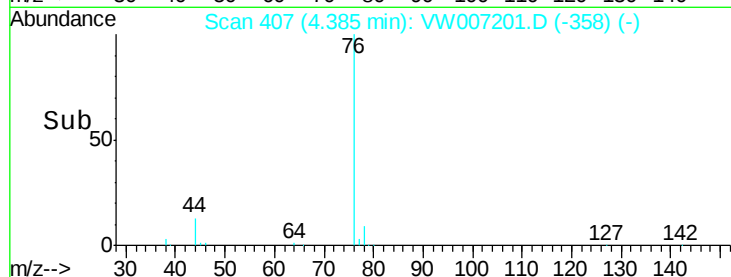
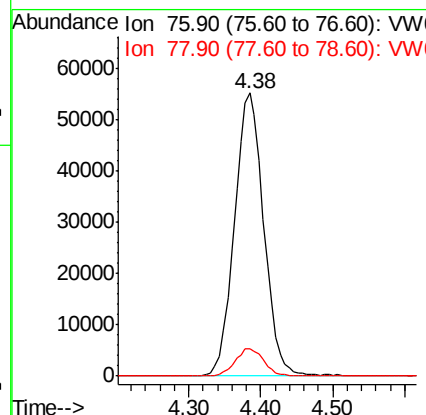
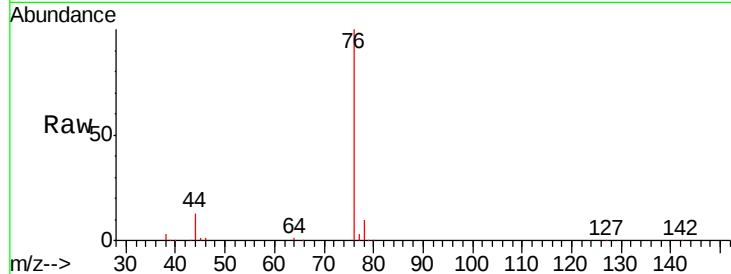
#17
Carbon Disulfide
Concen: 46.247 ug/l
RT: 4.38 min Scan# 407
Delta R.T. -0.00 min
Lab File: VW007201.D
Acq: 04 Dec 2018 21:11

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tgt Ion	Ratio	Lower	Upper
76	100		
78	9.8	7.2	10.8

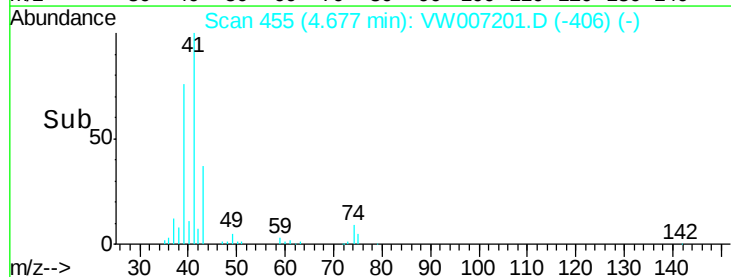
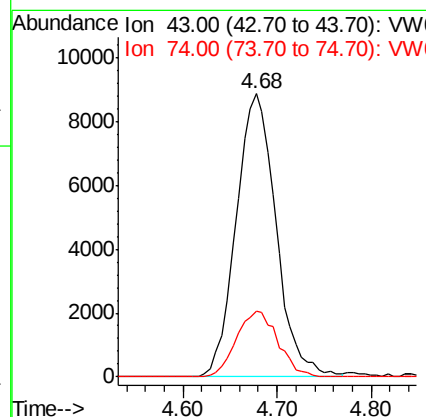
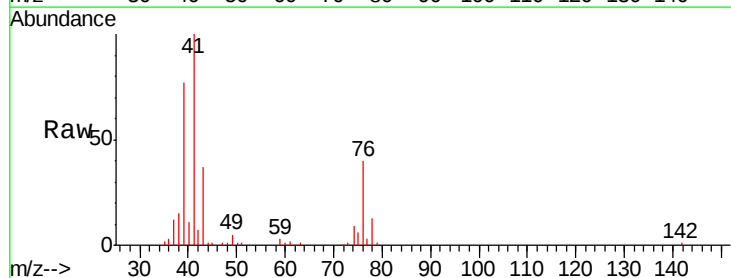
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#18
Methyl Acetate
Concen: 48.696 ug/l
RT: 4.68 min Scan# 455
Delta R.T. -0.00 min
Lab File: VW007201.D
Acq: 04 Dec 2018 21:11

Tgt Ion	Ratio	Lower	Upper
43	100		
74	24.1	20.1	30.1





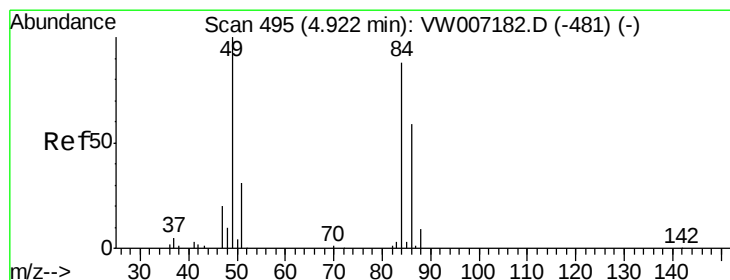
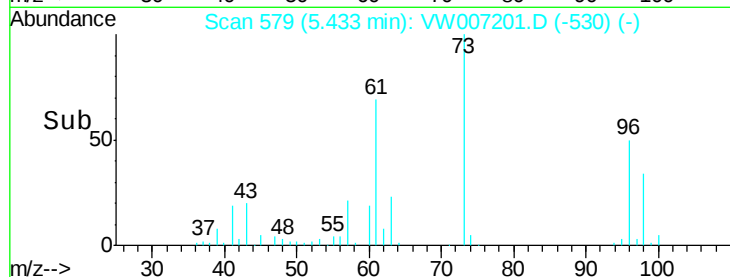
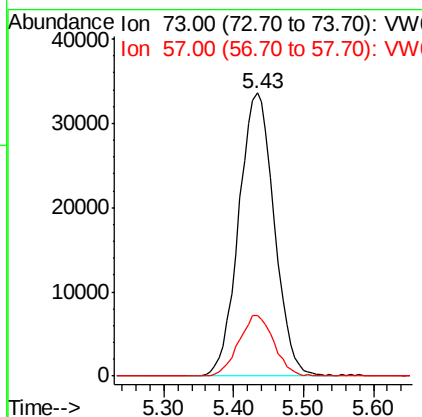
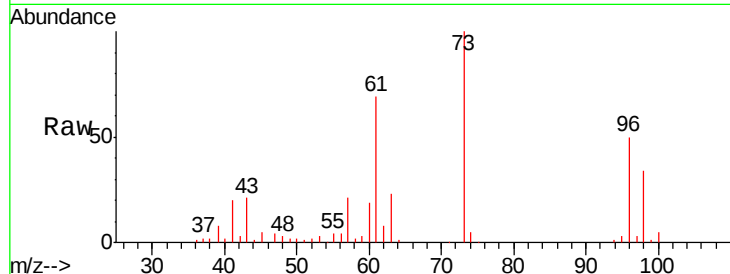
#19
Methyl tert-butyl Ether
Concen: 49.334 ug/l
RT: 5.43 min Scan# 579
Delta R.T. -0.00 min
Lab File: VW007201.D
Acq: 04 Dec 2018 21:11

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 73 Resp: 118508
Ion Ratio Lower Upper
73 100
57 21.5 16.6 25.0

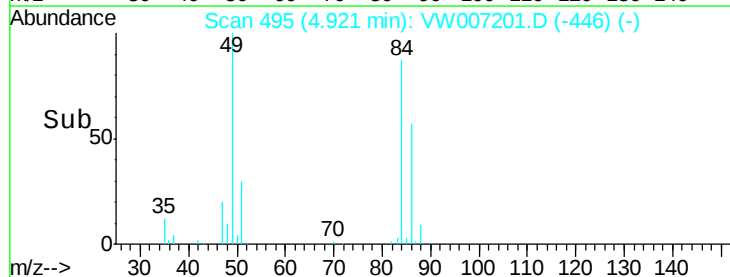
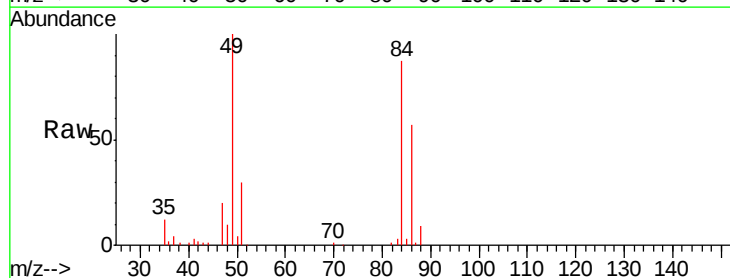
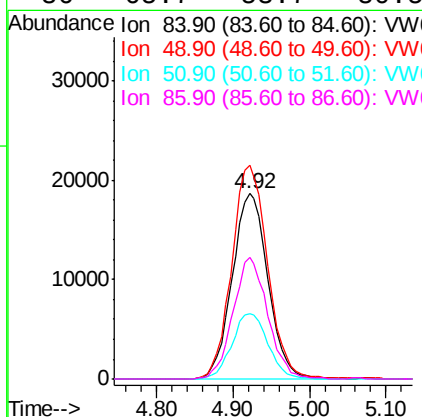
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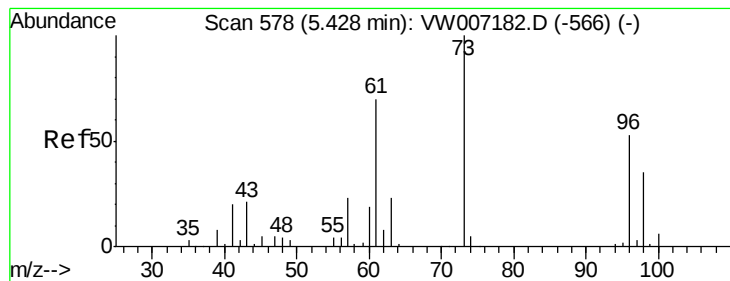
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#20
Methylene Chloride
Concen: 51.337 ug/l
RT: 4.92 min Scan# 495
Delta R.T. 0.00 min
Lab File: VW007201.D
Acq: 04 Dec 2018 21:11

Tgt Ion: 84 Resp: 60555
Ion Ratio Lower Upper
84 100
49 115.4 90.6 135.8
51 35.1 27.6 41.4
86 65.7 53.7 80.5





#21

trans-1,2-Dichloroethene

Concen: 45.691 ug/l

RT: 5.43 min Scan# 579

Delta R.T. 0.01 min

Lab File: VW007201.D

Acq: 04 Dec 2018 21:11

Instrument :

MSVOA_W

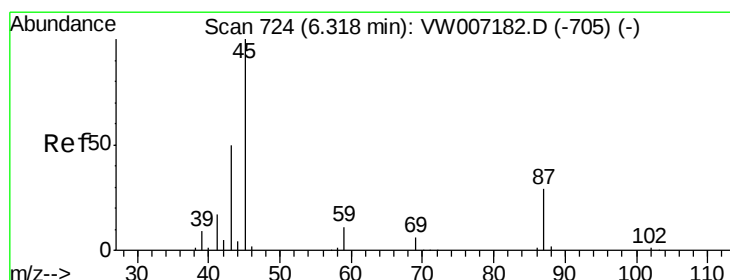
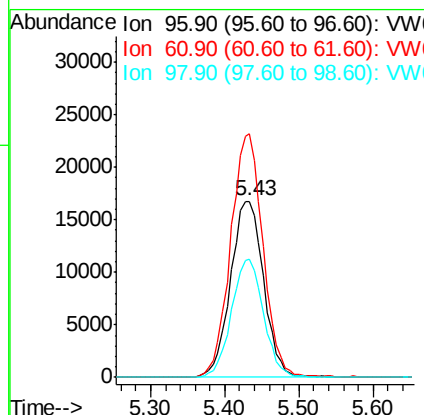
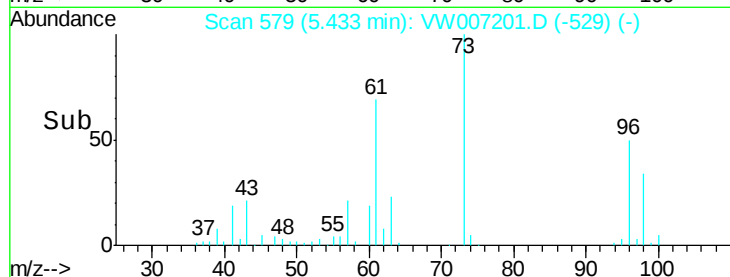
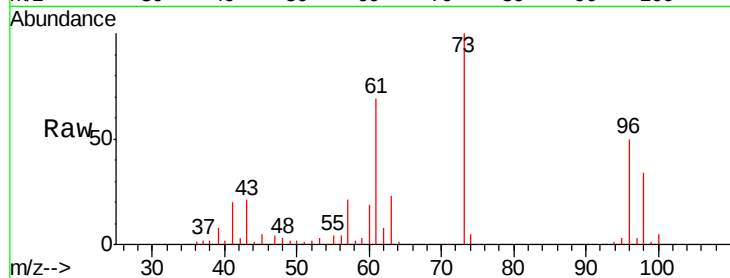
ClientSampleId :

VSTDCCC050EC

Tgt Ion:	96	Resp:	52052
Ion	Ratio	Lower	Upper
96	100		
61	138.3	105.5	158.3
98	67.4	52.6	79.0

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#22

Diisopropyl ether

Concen: 50.011 ug/l

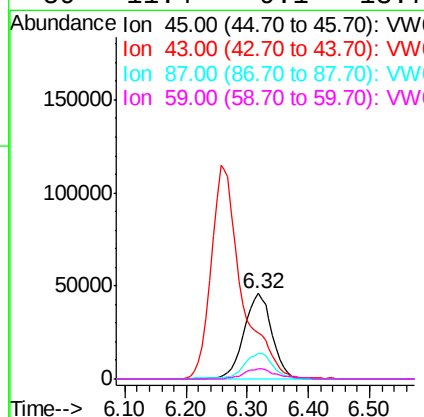
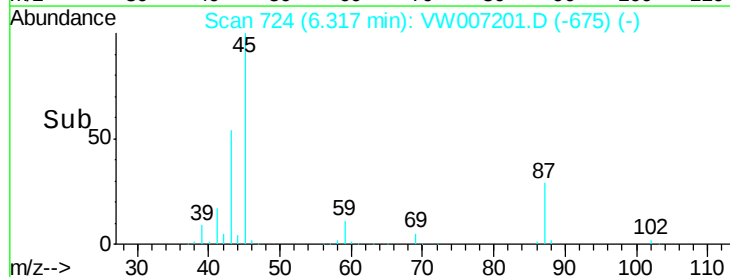
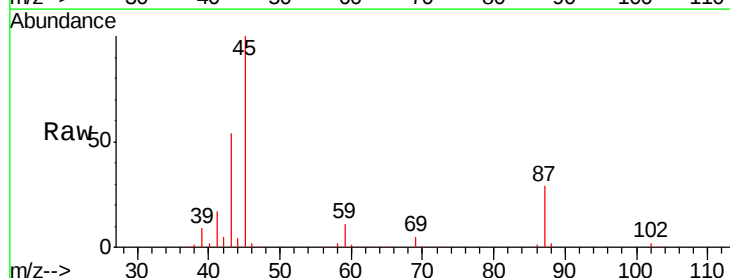
RT: 6.32 min Scan# 724

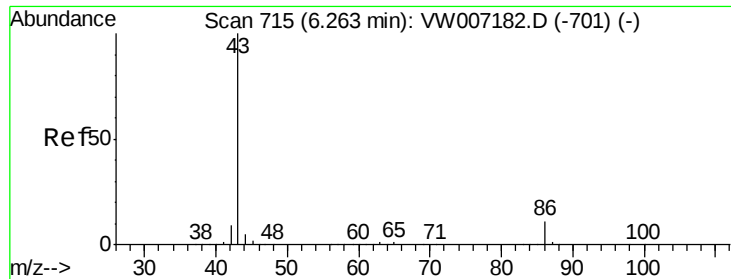
Delta R.T. -0.00 min

Lab File: VW007201.D

Acq: 04 Dec 2018 21:11

Tgt Ion:	45	Resp:	146823
Ion	Ratio	Lower	Upper
45	100		
43	53.8	40.8	61.2
87	29.4	24.0	36.0
59	11.4	9.1	13.7





#23

Vinyl Acetate

Concen: 249.467 ug/l

RT: 6.26 min Scan# 714

Delta R.T. -0.01 min

Lab File: VW007201.D

Acq: 04 Dec 2018 21:11

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 43 Resp: 399625

Ion Ratio Lower Upper

43 100

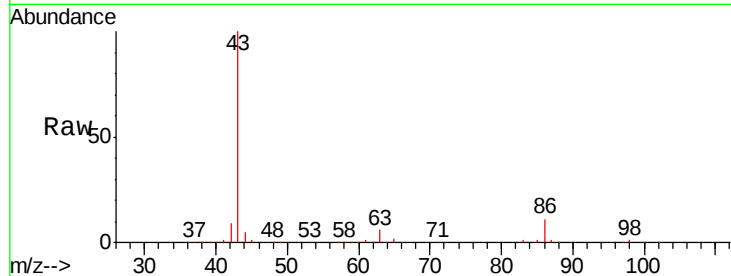
86 10.8 9.0 13.6

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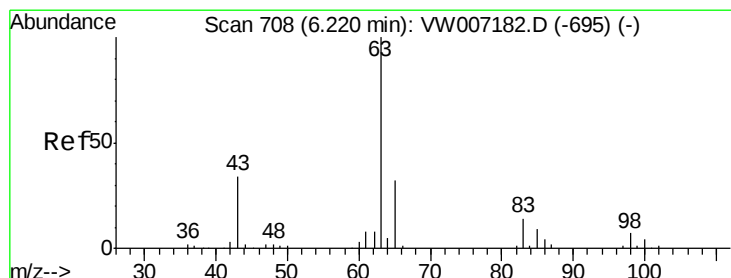
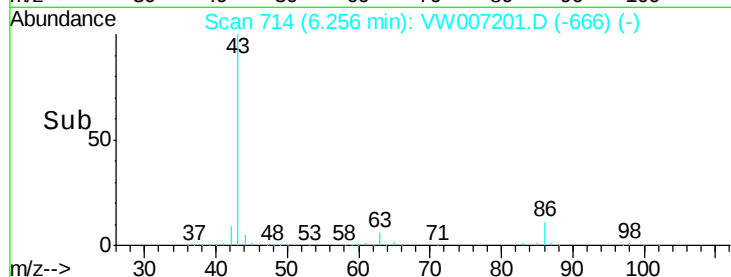
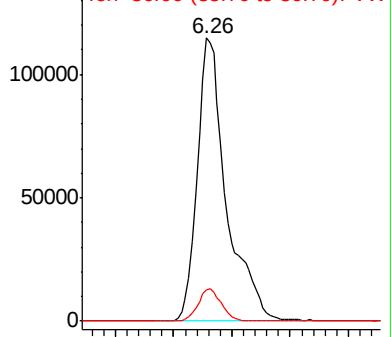
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Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 86.00 (85.70 to 86.70): VW



#24

1,1-Dichloroethane

Concen: 47.003 ug/l

RT: 6.23 min Scan# 709

Delta R.T. 0.01 min

Lab File: VW007201.D

Acq: 04 Dec 2018 21:11

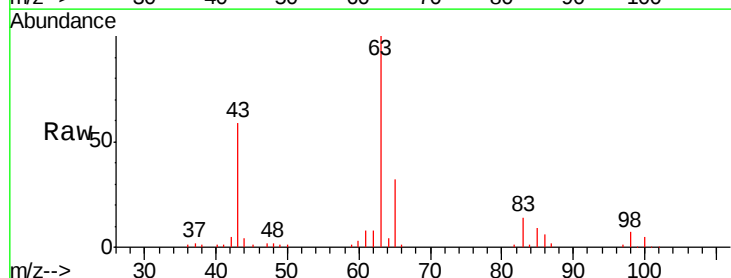
Tgt Ion: 63 Resp: 88444

Ion Ratio Lower Upper

63 100

98 6.9 3.5 10.5

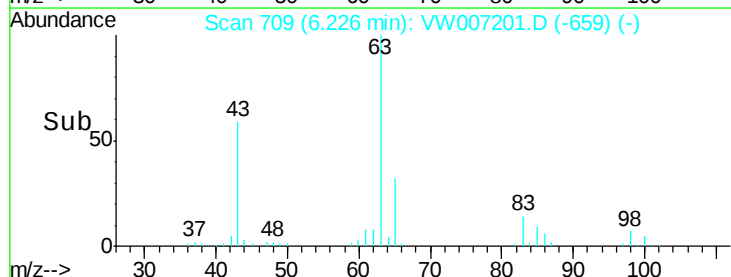
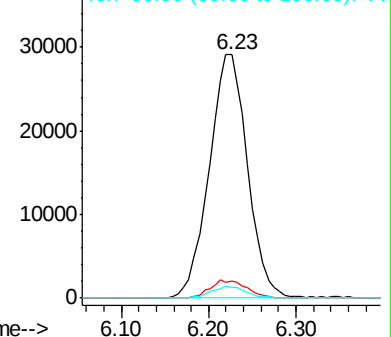
100 4.5 2.1 6.2

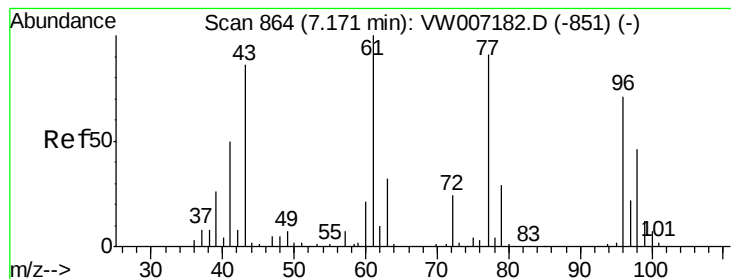


Abundance Ion 62.90 (62.60 to 63.60): VW

Ion 97.90 (97.60 to 98.60): VW

Ion 99.90 (99.60 to 100.60): VW





#25

2-Butanone

Concen: 231.773 ug/l

RT: 7.17 min Scan# 864

Delta R.T. -0.00 min

Lab File: VW007201.D

Acq: 04 Dec 2018 21:11

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 43 Resp: 63102

Ion Ratio Lower Upper

43 100

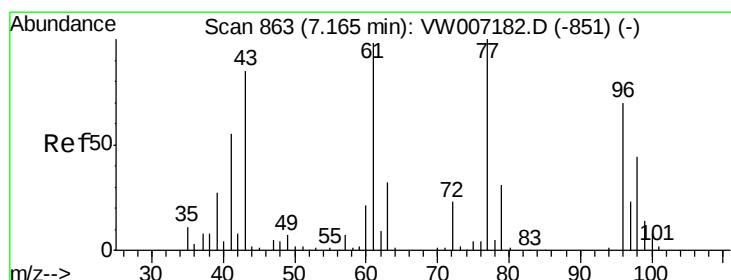
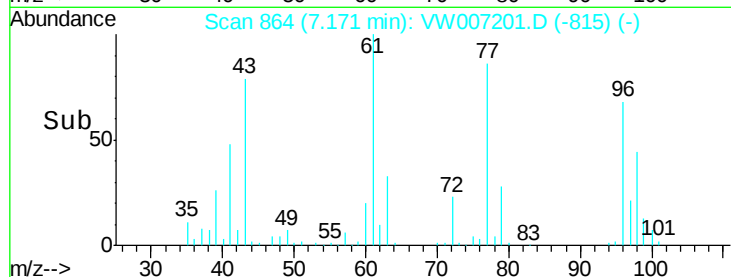
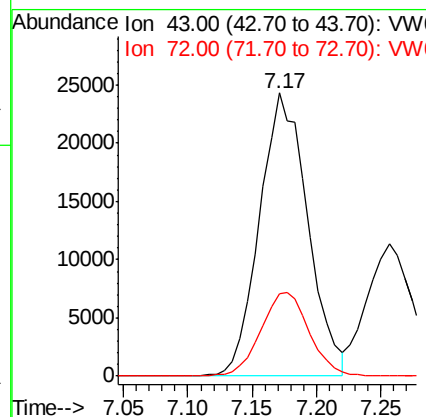
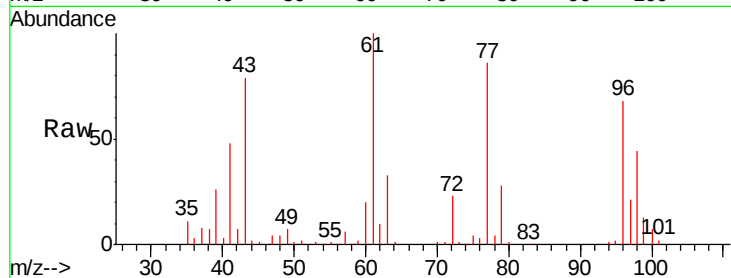
72 29.3 22.8 34.2

Manual Integrations

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#26

2,2-Dichloropropane

Concen: 43.051 ug/l

RT: 7.17 min Scan# 864

Delta R.T. 0.01 min

Lab File: VW007201.D

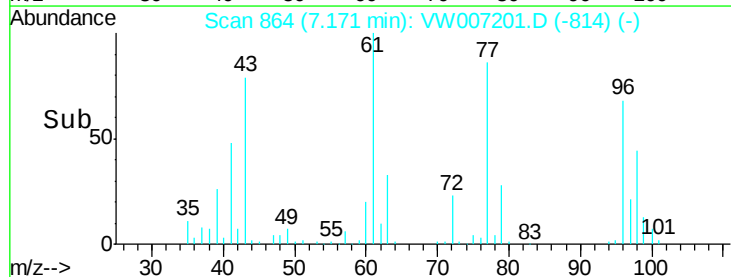
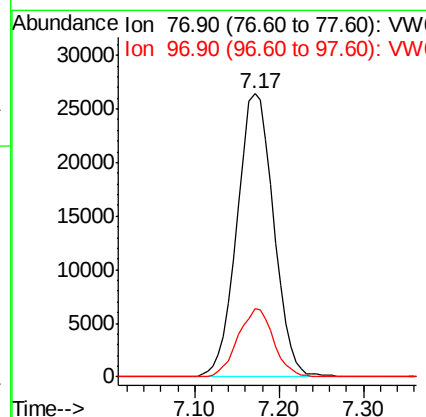
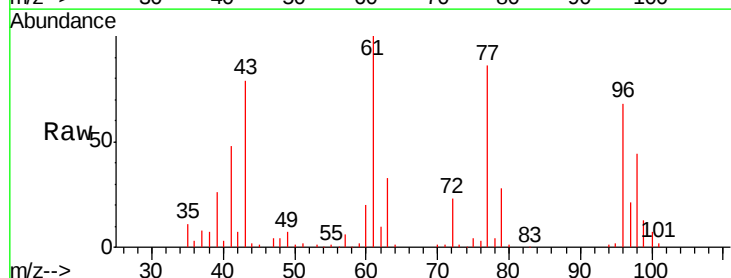
Acq: 04 Dec 2018 21:11

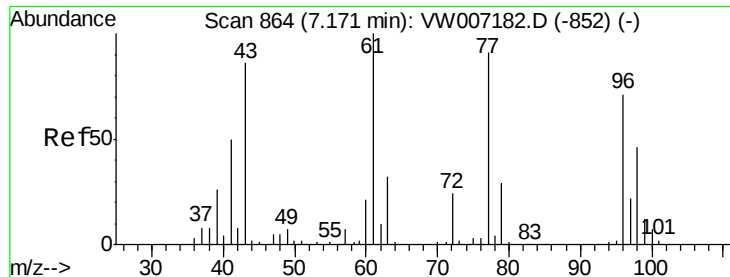
Tgt Ion: 77 Resp: 77847

Ion Ratio Lower Upper

77 100

97 23.3 11.5 34.4





#27

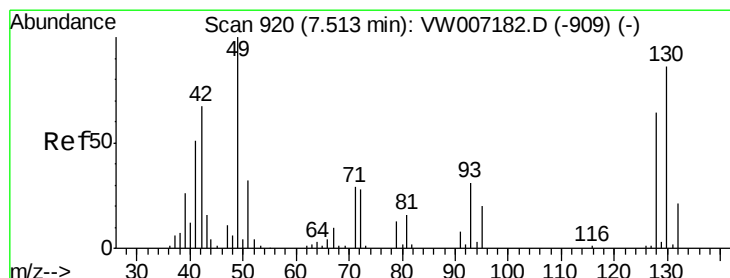
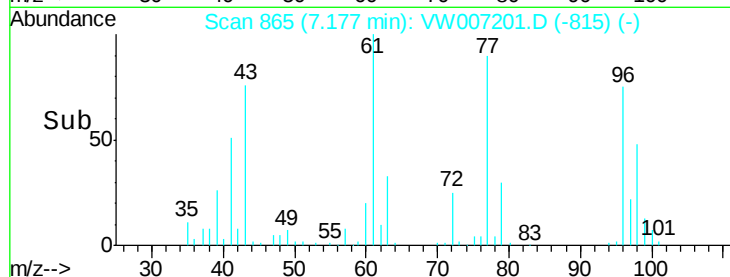
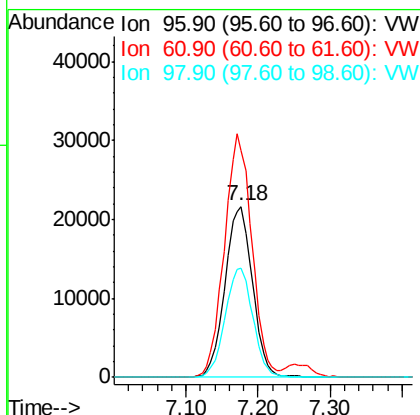
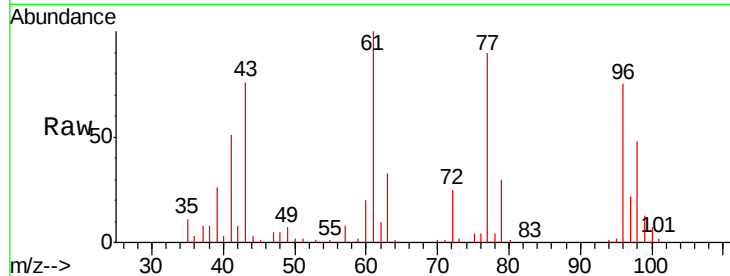
cis-1,2-Dichloroethene
Concen: 47.215 ug/l
RT: 7.18 min Scan# 865
Delta R.T. 0.01 min
Lab File: VW007201.D
Acq: 04 Dec 2018 21:11

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tgt Ion	Ratio	Resp	Lower	Upper
96	100	57662		
61	142.0	0.0	282.4	
98	64.4	0.0	129.8	

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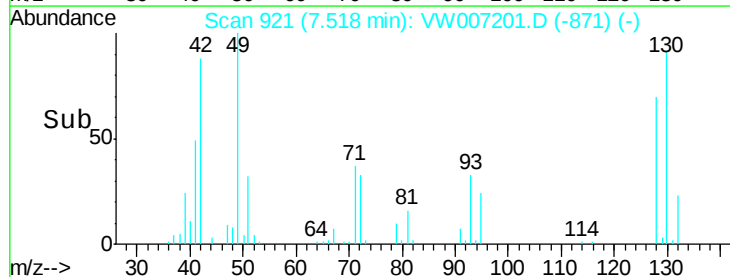
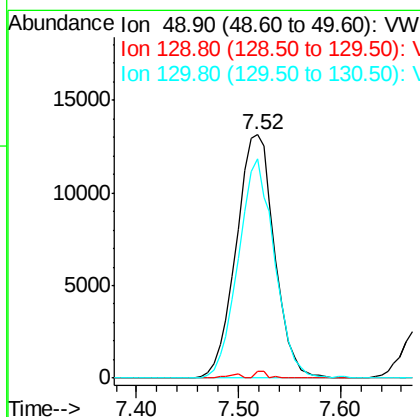
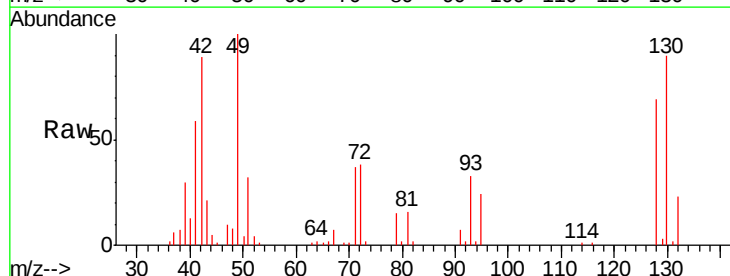
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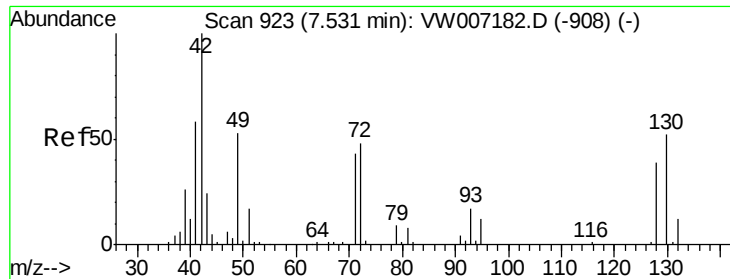


#28

Bromochloromethane
Concen: 50.519 ug/l
RT: 7.52 min Scan# 921
Delta R.T. 0.01 min
Lab File: VW007201.D
Acq: 04 Dec 2018 21:11

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	34277		
129	0.9	0.0	3.8	
130	85.2	70.3	105.5	





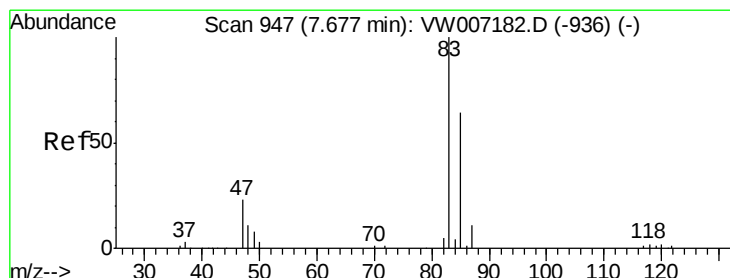
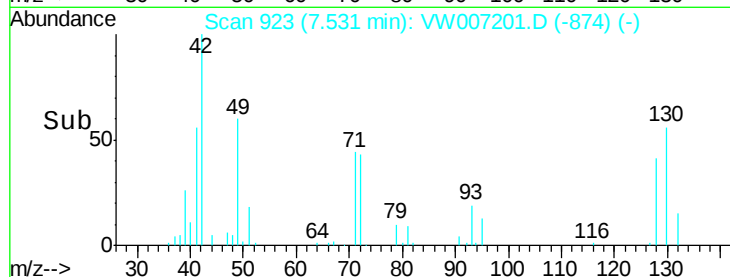
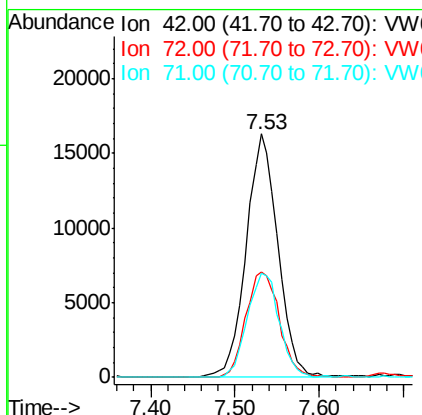
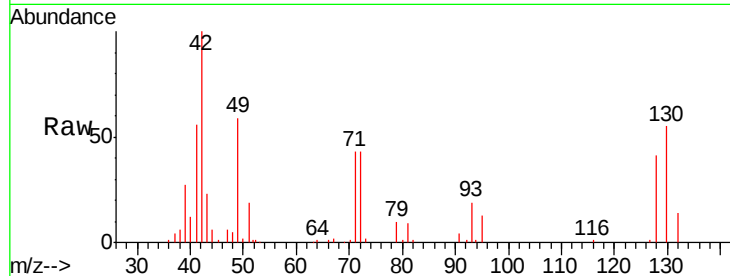
#29
Tetrahydrofuran
Concen: 247.350 ug/l
RT: 7.53 min Scan# 923
Delta R.T. -0.00 min
Lab File: VW007201.D
Acq: 04 Dec 2018 21:11

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tgt Ion	Ratio	Lower	Upper
42	100		
72	45.8	36.6	55.0
71	43.2	34.8	52.2

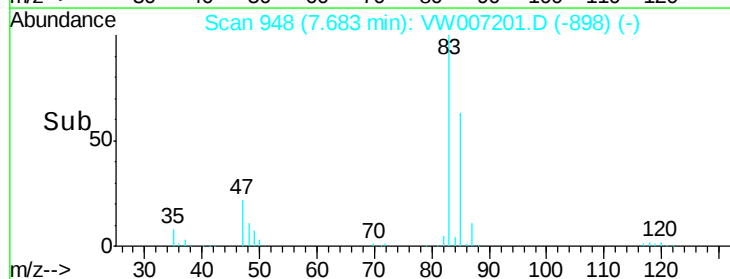
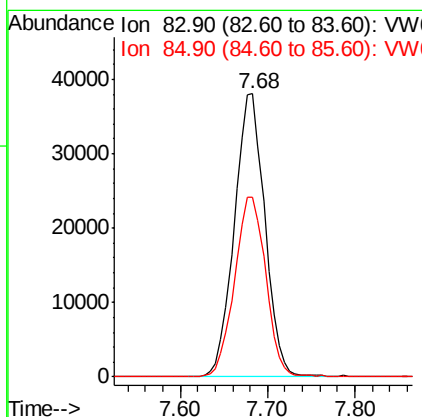
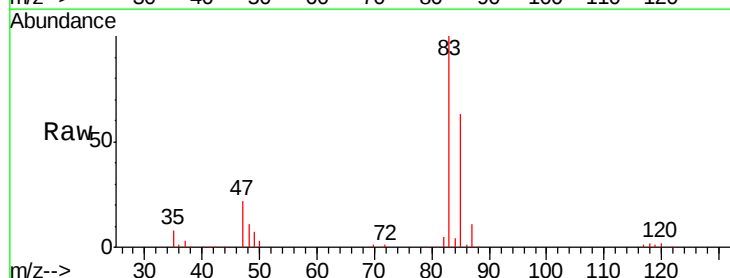
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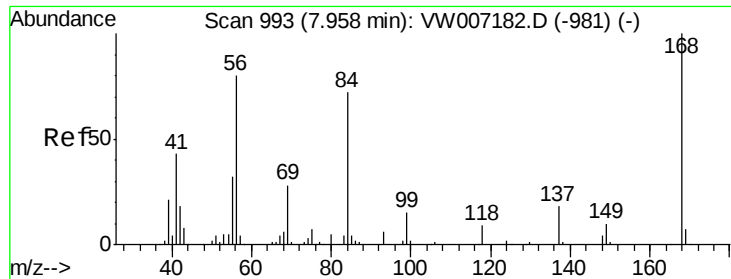
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#30
Chloroform
Concen: 47.432 ug/l
RT: 7.68 min Scan# 948
Delta R.T. 0.01 min
Lab File: VW007201.D
Acq: 04 Dec 2018 21:11

Tgt Ion	Ratio	Lower	Upper
83	100		
85	63.5	51.5	77.3





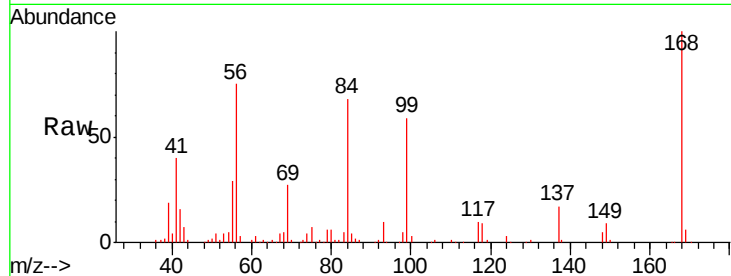
#31
Cyclohexane
Concen: 43.096 ug/l
RT: 7.96 min Scan# 993
Delta R.T. -0.00 min
Lab File: VW007201.D
Acq: 04 Dec 2018 21:11

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

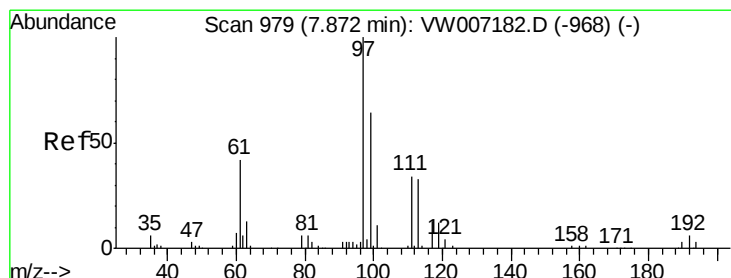
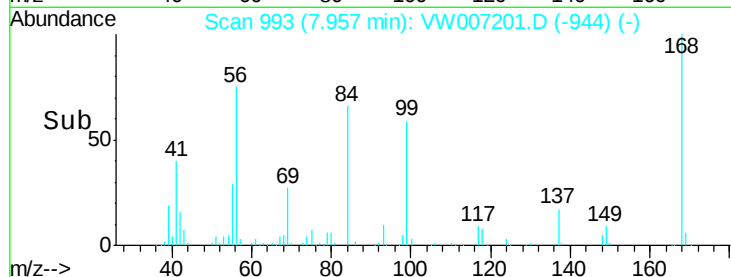
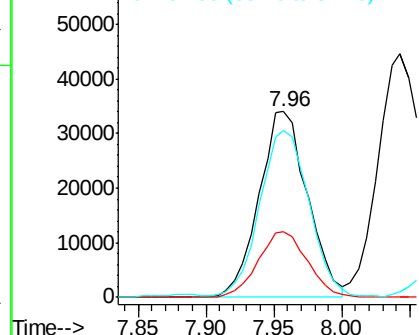
Tgt Ion: 56 Resp: 84847
Ion Ratio Lower Upper
56 100
69 35.6 28.2 42.2
84 88.8 72.1 108.1

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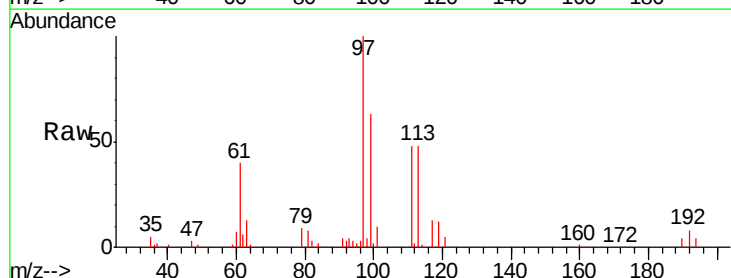


Abundance Ion 56.00 (55.70 to 56.70): VW
Ion 69.00 (68.70 to 69.70): VW
Ion 84.00 (83.70 to 84.70): VW

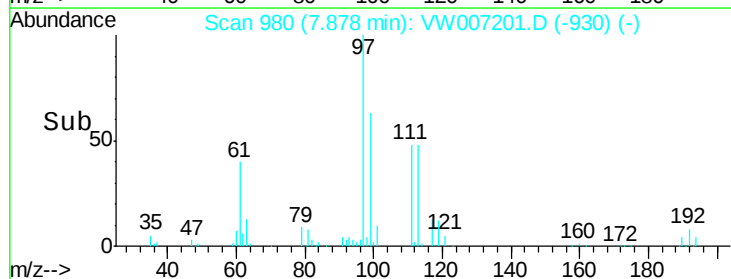
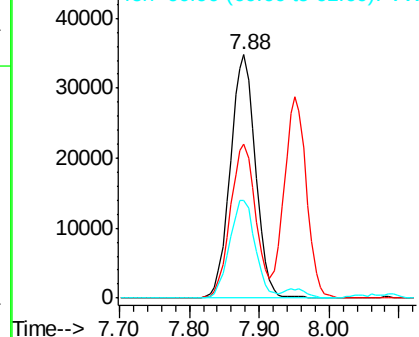


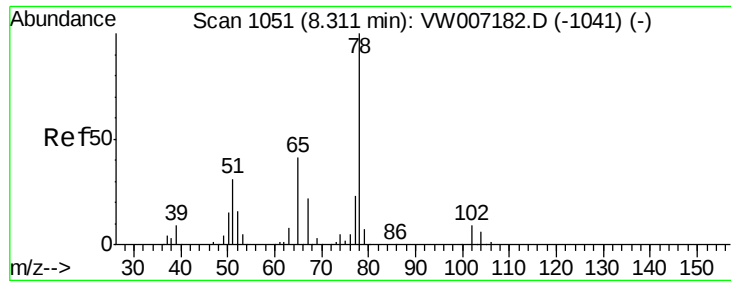
#32
1,1,1-Trichloroethane
Concen: 47.026 ug/l
RT: 7.88 min Scan# 980
Delta R.T. 0.01 min
Lab File: VW007201.D
Acq: 04 Dec 2018 21:11

Tgt Ion: 97 Resp: 86545
Ion Ratio Lower Upper
97 100
99 64.1 51.3 76.9
61 41.2 33.2 49.8



Abundance Ion 96.90 (96.60 to 97.60): VW
Ion 98.90 (98.60 to 99.60): VW
Ion 60.90 (60.60 to 61.60): VW





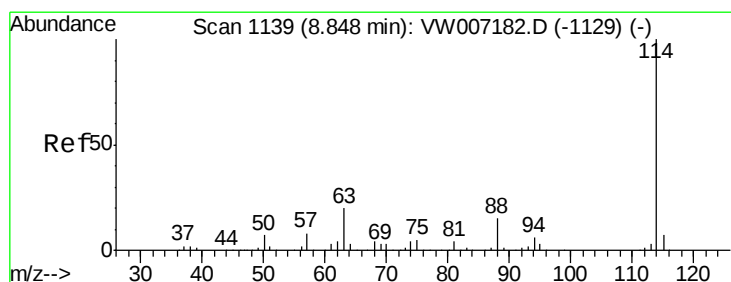
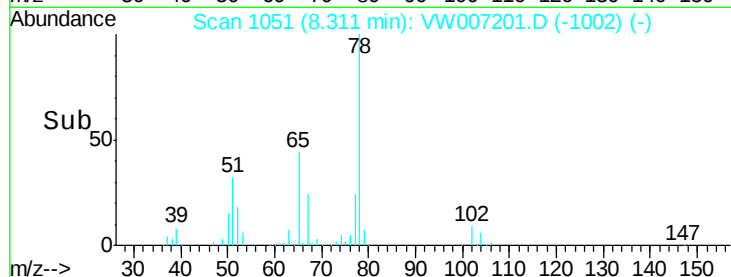
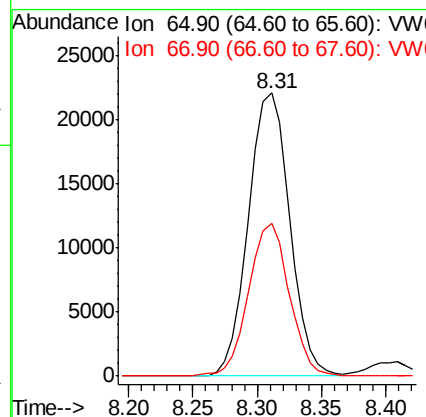
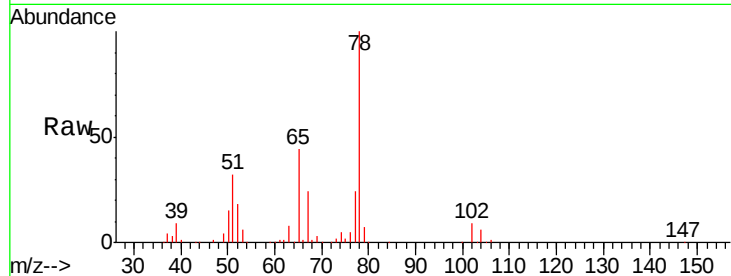
#33
 1,2-Dichloroethane-d4
 Concen: 49.543 ug/l
 RT: 8.31 min Scan# 1051
 Delta R.T. -0.00 min
 Lab File: VW007201.D
 Acq: 04 Dec 2018 21:11

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion	Ratio	Resp	Lower	Upper
65	100	49152		
67	53.2	0.0	106.4	

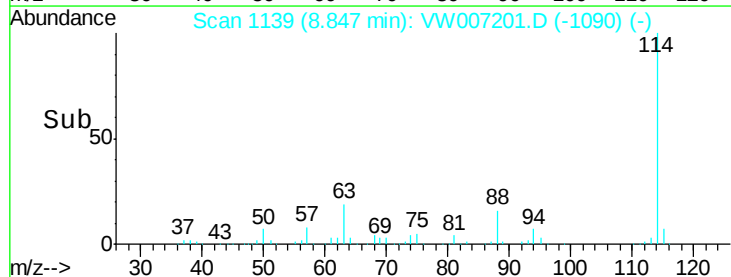
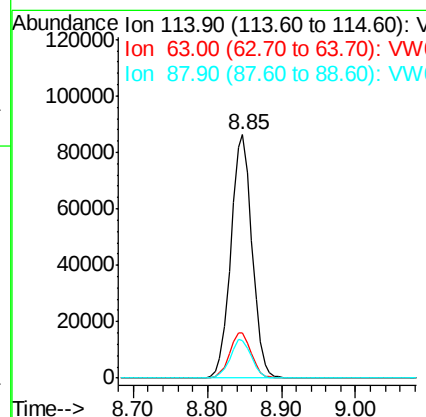
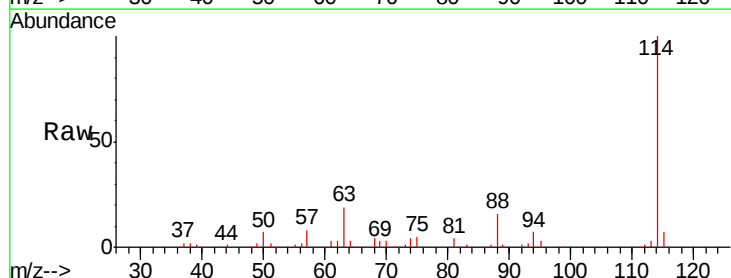
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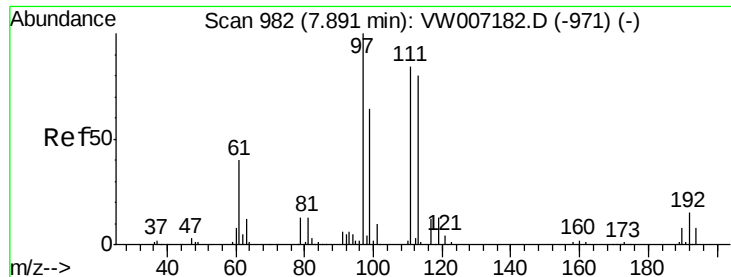
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.85 min Scan# 1139
 Delta R.T. -0.00 min
 Lab File: VW007201.D
 Acq: 04 Dec 2018 21:11

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	171416		
63	18.7	0.0	40.2	
88	15.5	0.0	30.0	





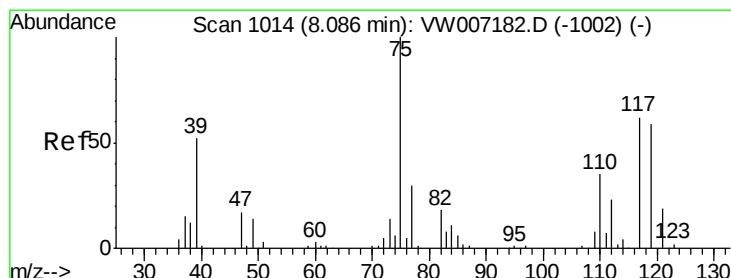
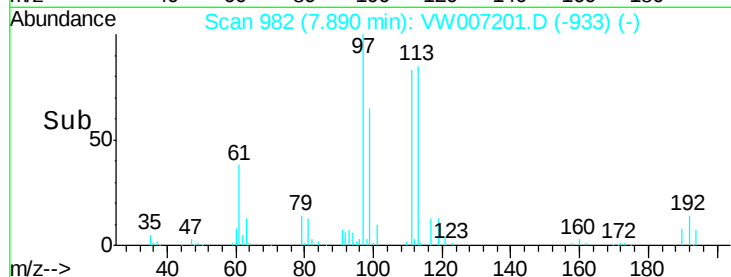
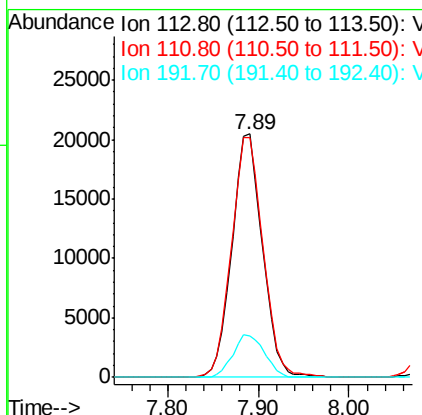
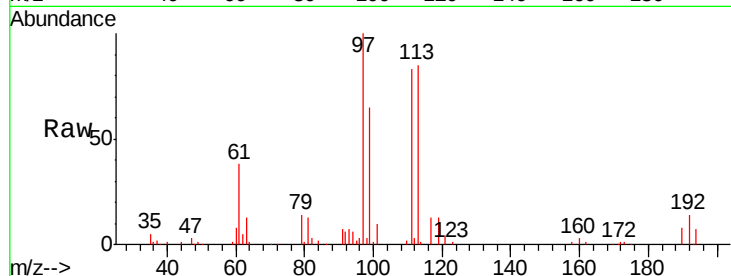
#35
 Dibromofluoromethane
 Concen: 48.645 ug/l
 RT: 7.89 min Scan# 982
 Delta R.T. -0.00 min
 Lab File: VW007201.D
 Acq: 04 Dec 2018 21:11

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion	Ratio	Lower	Upper
113	100		
111	102.3	82.2	123.4
192	18.2	14.4	21.6

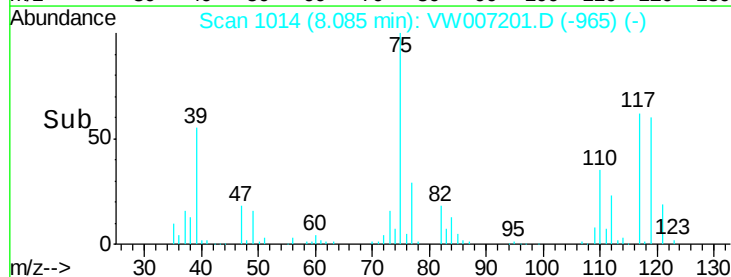
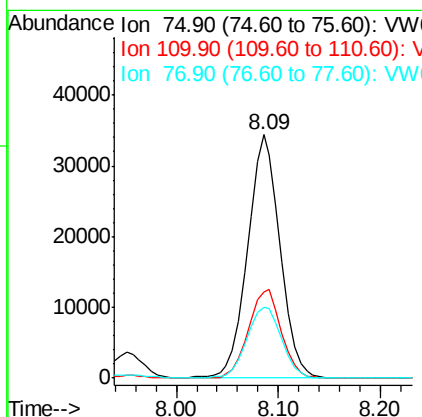
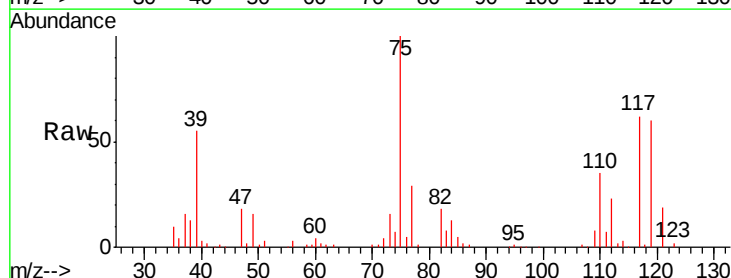
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#36
 1,1-Dichloropropene
 Concen: 45.559 ug/l
 RT: 8.09 min Scan# 1014
 Delta R.T. -0.00 min
 Lab File: VW007201.D
 Acq: 04 Dec 2018 21:11

Tgt Ion	Ratio	Lower	Upper
75	100		
110	37.0	18.3	54.9
77	31.5	24.9	37.3





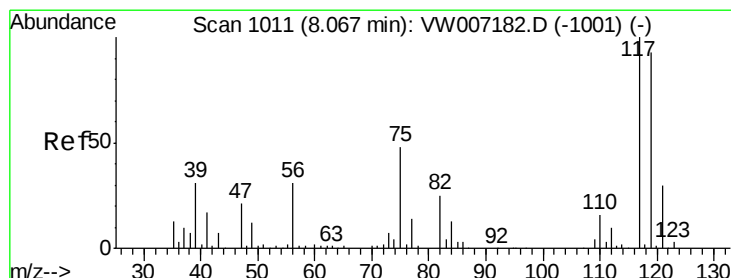
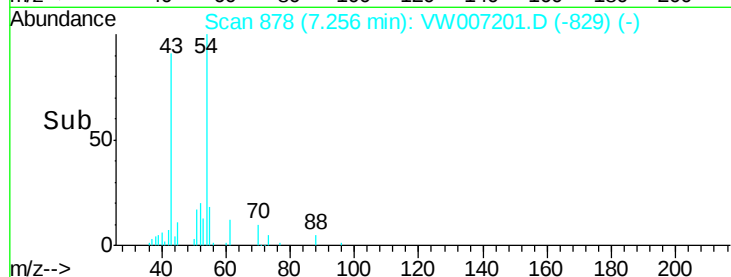
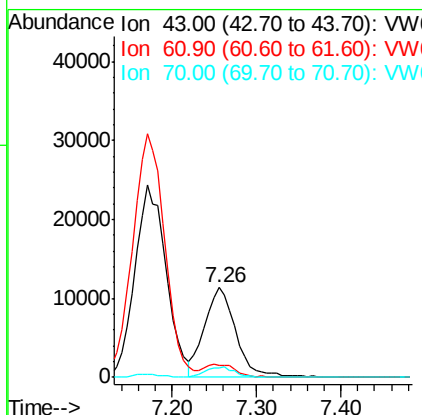
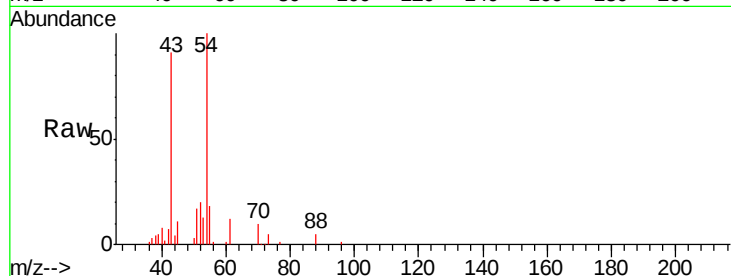
#37
Ethyl Acetate
Concen: 48.894 ug/l
RT: 7.26 min Scan# 878
Delta R.T. -0.00 min
Lab File: VW007201.D
Acq: 04 Dec 2018 21:11

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tgt Ion	Ratio	Lower	Upper
43	100		
61	14.1	12.1	18.1
70	11.0	9.1	13.7

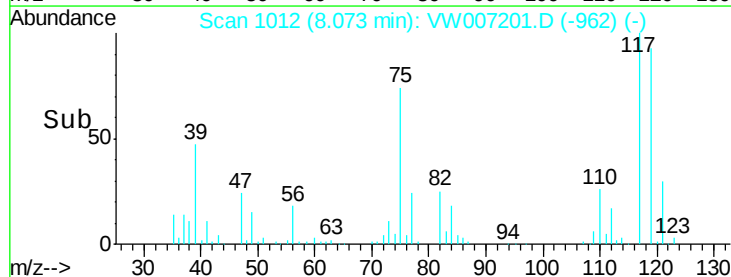
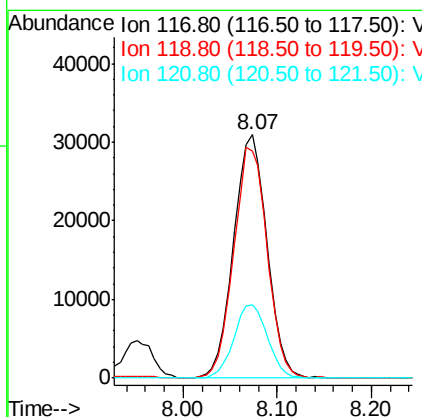
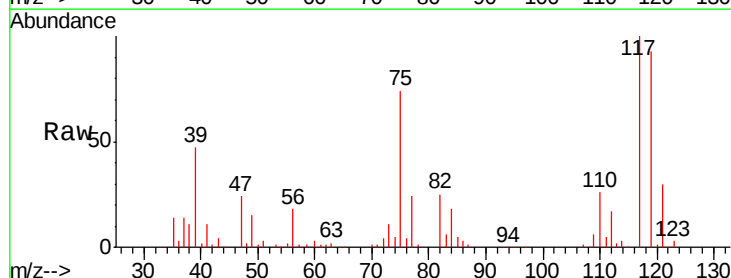
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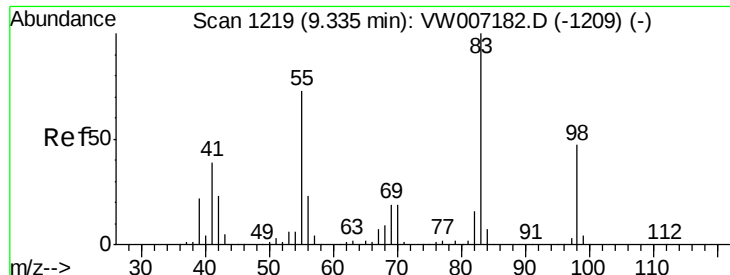
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#38
Carbon Tetrachloride
Concen: 44.740 ug/l
RT: 8.07 min Scan# 1012
Delta R.T. 0.01 min
Lab File: VW007201.D
Acq: 04 Dec 2018 21:11

Tgt Ion	Ratio	Lower	Upper
117	100		
119	93.0	74.1	111.1
121	30.4	23.9	35.9





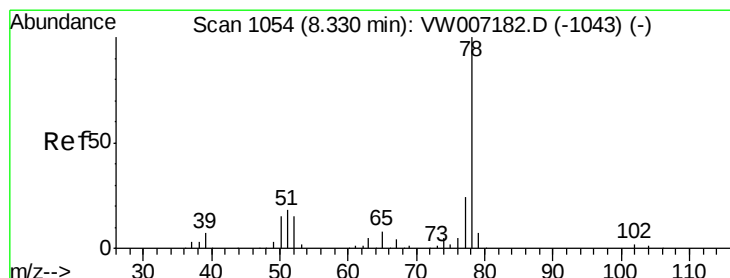
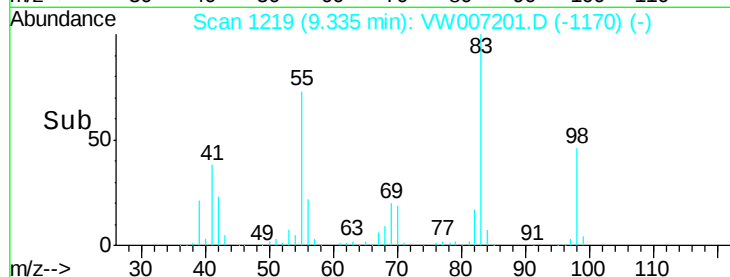
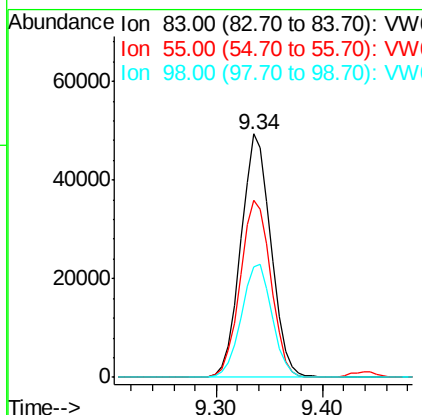
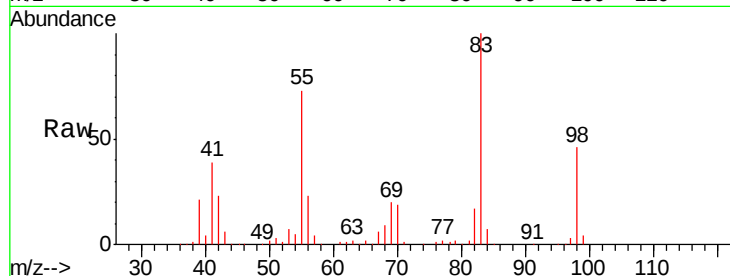
#39
Methylcyclohexane
Concen: 44.026 ug/l
RT: 9.34 min Scan# 1219
Delta R.T. -0.00 min
Lab File: VW007201.D
Acq: 04 Dec 2018 21:11

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tgt Ion	Ratio	Lower	Upper
83	100		
55	72.8	58.1	87.1
98	45.6	37.3	55.9

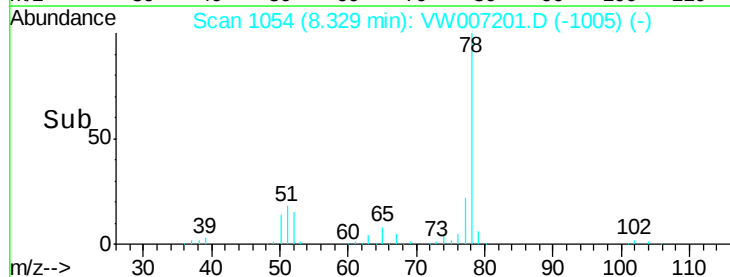
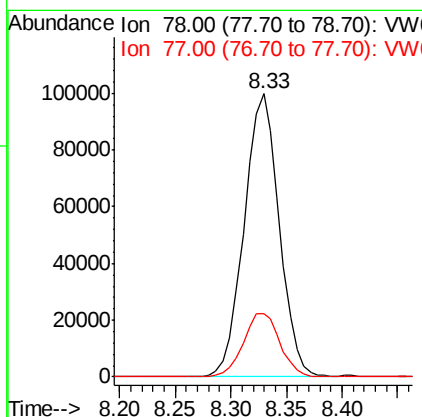
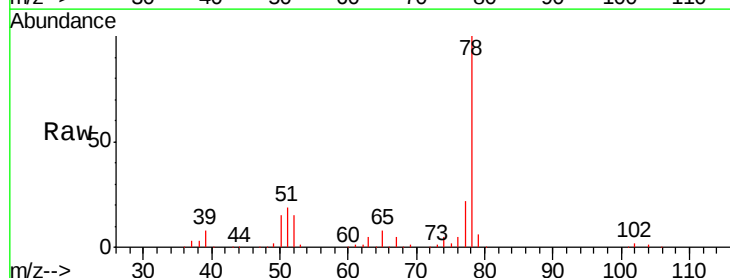
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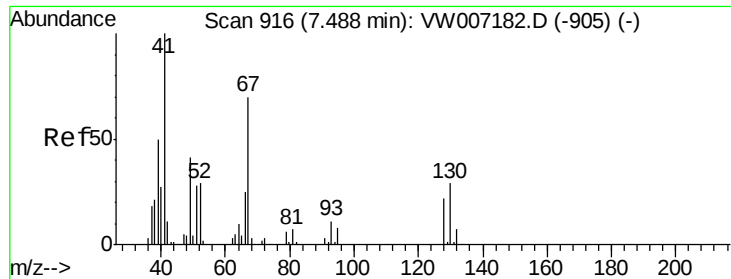
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#40
Benzene
Concen: 47.818 ug/l
RT: 8.33 min Scan# 1054
Delta R.T. -0.00 min
Lab File: VW007201.D
Acq: 04 Dec 2018 21:11

Tgt Ion	Ratio	Lower	Upper
78	100		
77	22.4	18.9	28.3





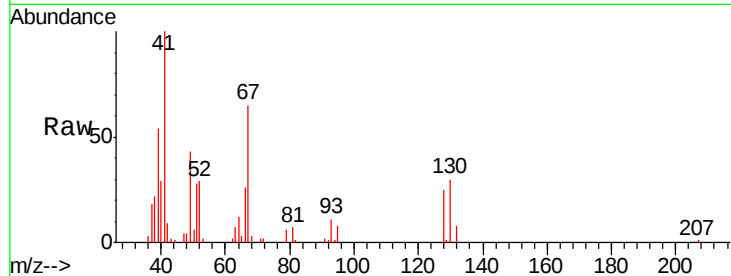
#41
Methacrylonitrile
Concen: 48.894 ug/l
RT: 7.49 min Scan# 916
Delta R.T. -0.00 min
Lab File: VW007201.D
Acq: 04 Dec 2018 21:11

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

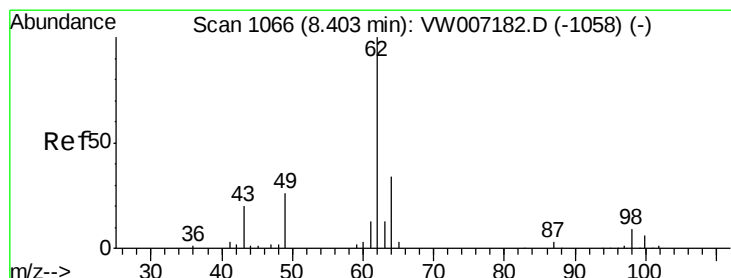
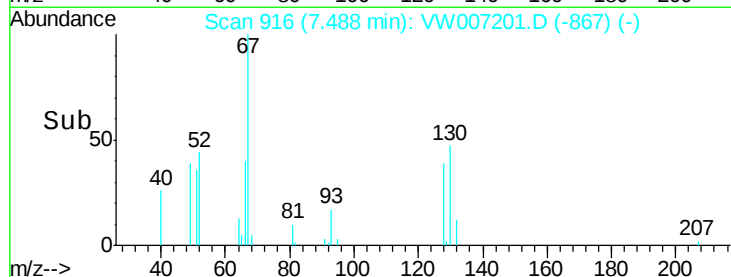
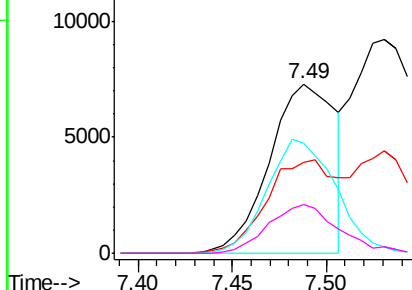
Tgt Ion	Ratio	Lower	Upper
41	100		
39	57.1	43.4	65.0
67	70.7	57.4	86.0
52	30.7	23.3	34.9

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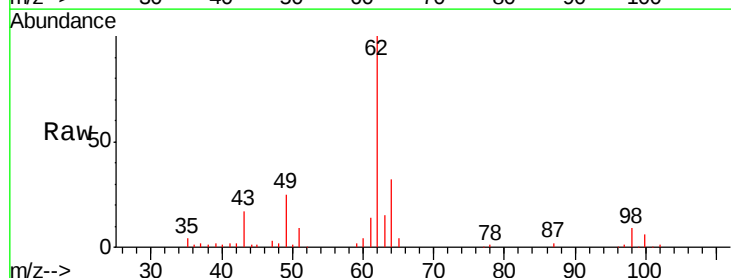


Abundance Ion 41.00 (40.70 to 41.70): VW
Ion 39.00 (38.70 to 39.70): VW
Ion 67.00 (66.70 to 67.70): VW
Ion 52.00 (51.70 to 52.70): VW

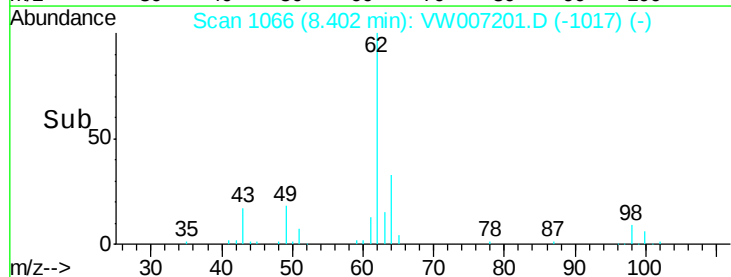
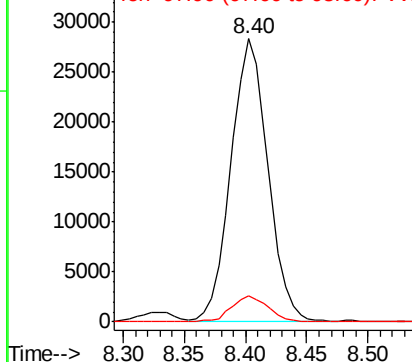


#42
1,2-Dichloroethane
Concen: 46.358 ug/l
RT: 8.40 min Scan# 1066
Delta R.T. -0.00 min
Lab File: VW007201.D
Acq: 04 Dec 2018 21:11

Tgt Ion	Ratio	Lower	Upper
62	100		
98	9.1	0.0	17.8



Abundance Ion 61.90 (61.60 to 62.60): VW
Ion 97.90 (97.60 to 98.60): VW





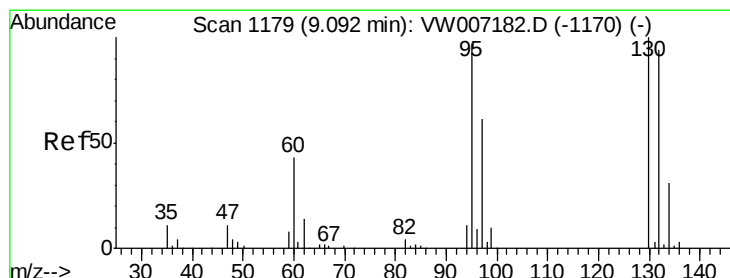
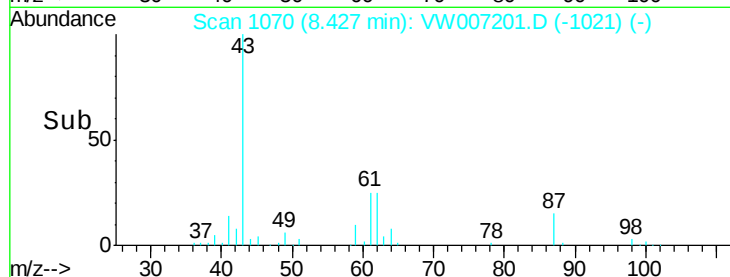
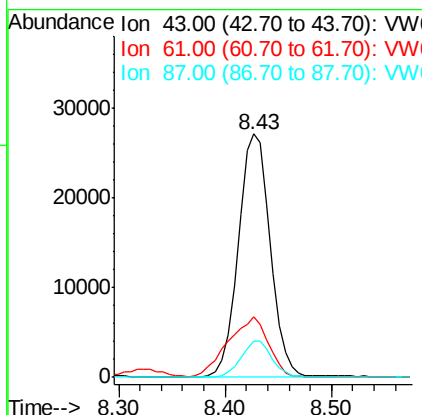
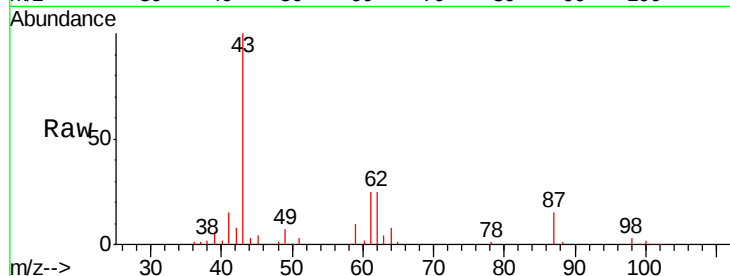
#43
Isopropyl Acetate
Concen: 48.945 ug/l
RT: 8.43 min Scan# 1070
Delta R.T. -0.00 min
Lab File: VW007201.D
Acq: 04 Dec 2018 21:11

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tgt Ion	Ratio	Lower	Upper
43	100		
61	31.3	25.4	38.0
87	14.5	11.4	17.0

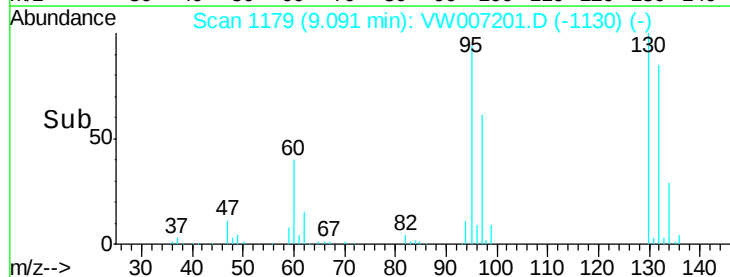
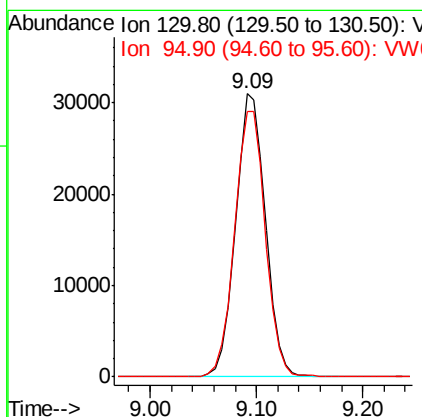
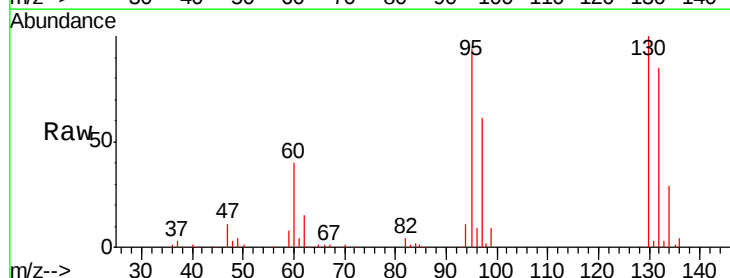
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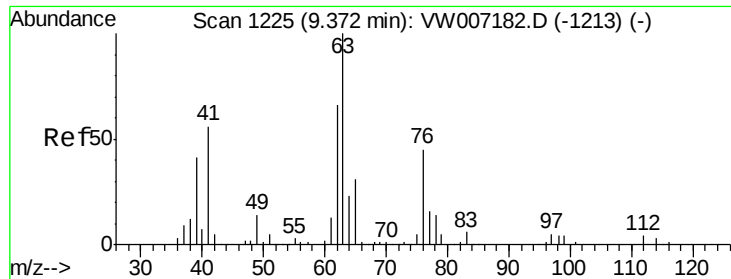
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#44
Trichloroethene
Concen: 47.287 ug/l
RT: 9.09 min Scan# 1179
Delta R.T. -0.00 min
Lab File: VW007201.D
Acq: 04 Dec 2018 21:11

Tgt Ion	Ratio	Lower	Upper
130	100		
95	93.9	0.0	194.0





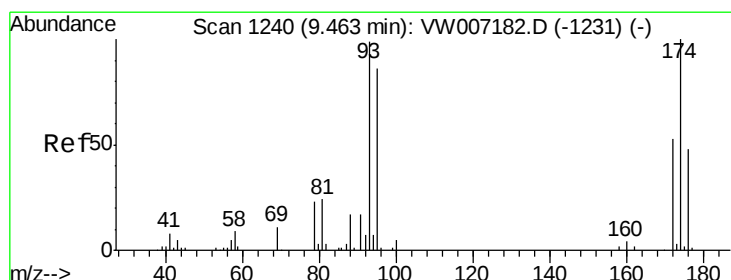
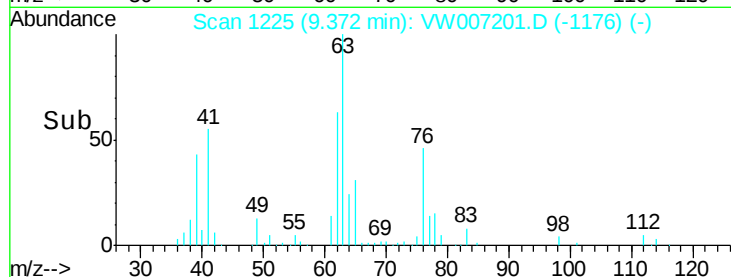
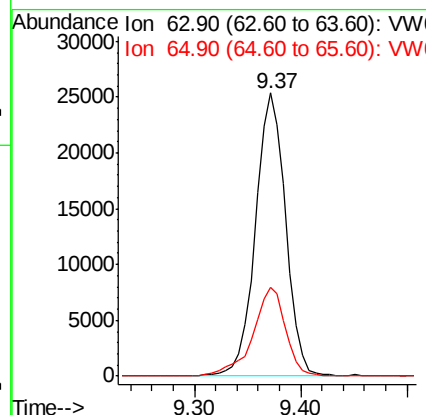
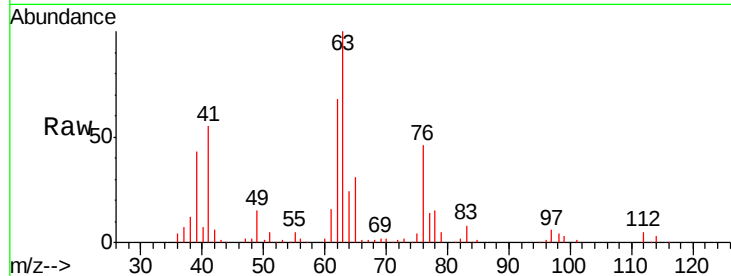
#45
 1,2-Dichloropropane
 Concen: 47.421 ug/l
 RT: 9.37 min Scan# 1225
 Delta R.T. -0.00 min
 Lab File: VW007201.D
 Acq: 04 Dec 2018 21:11

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion: 63 Resp: 50471
 Ion Ratio Lower Upper
 63 100
 65 31.4 25.0 37.4

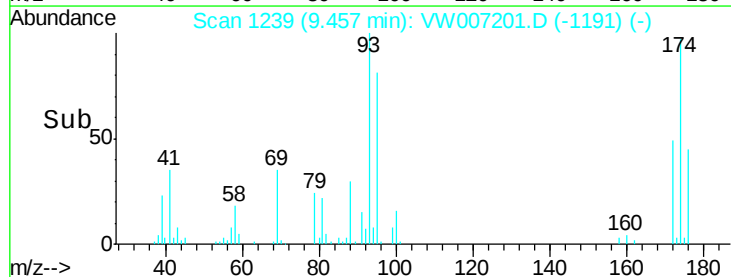
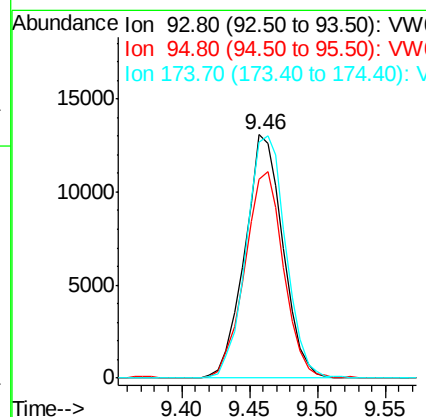
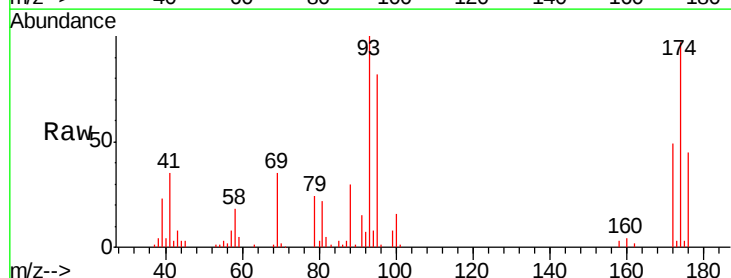
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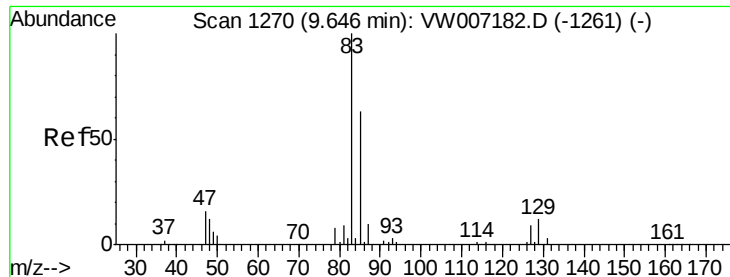
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#46
 Dibromomethane
 Concen: 46.289 ug/l
 RT: 9.46 min Scan# 1239
 Delta R.T. -0.01 min
 Lab File: VW007201.D
 Acq: 04 Dec 2018 21:11

Tgt Ion: 93 Resp: 25600
 Ion Ratio Lower Upper
 93 100
 95 86.2 68.7 103.1
 174 103.3 82.9 124.3





#47

Bromodichloromethane

Concen: 47.052 ug/l

RT: 9.65 min Scan# 1270

Delta R.T. -0.00 min

Lab File: VW007201.D

Acq: 04 Dec 2018 21:11

Instrument :

MSVOA_W

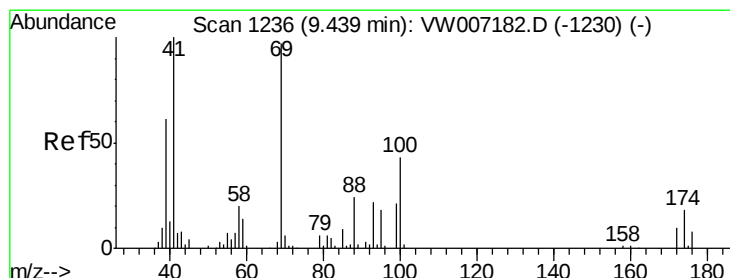
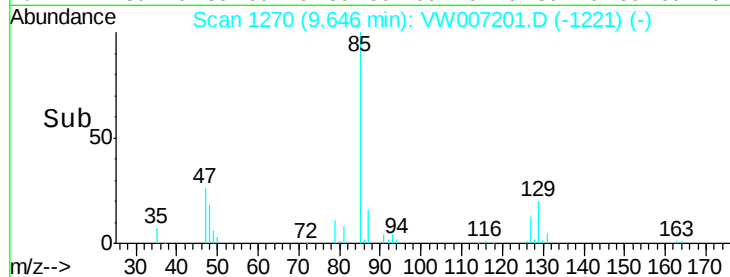
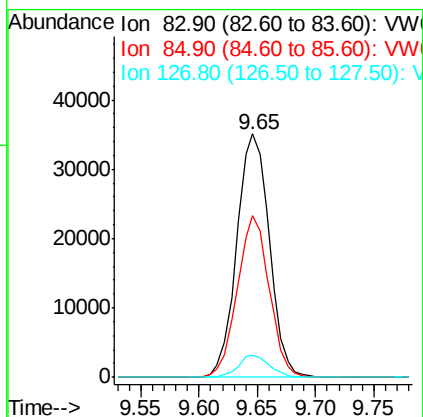
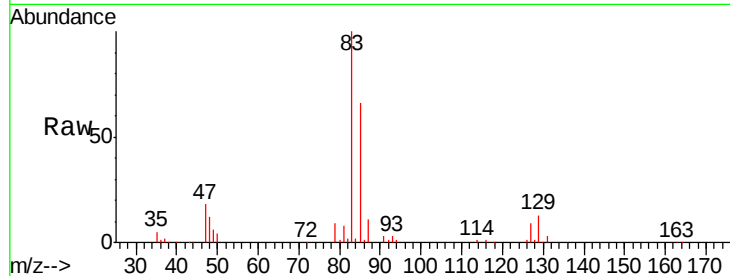
ClientSampleId :

VSTDCCC050EC

Tgt Ion:	83	Resp:	68450
Ion Ratio	Lower	Upper	
83	100		
85	66.4	50.6	76.0
127	8.9	7.3	10.9

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#48

Methyl methacrylate

Concen: 48.178 ug/l

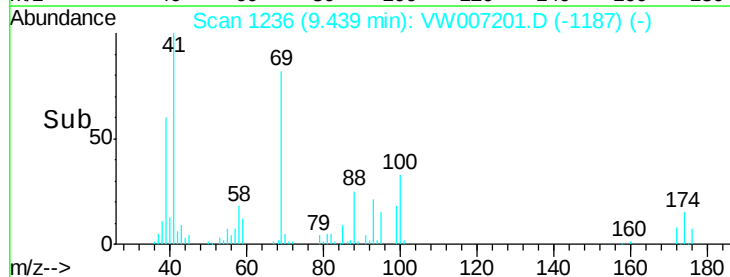
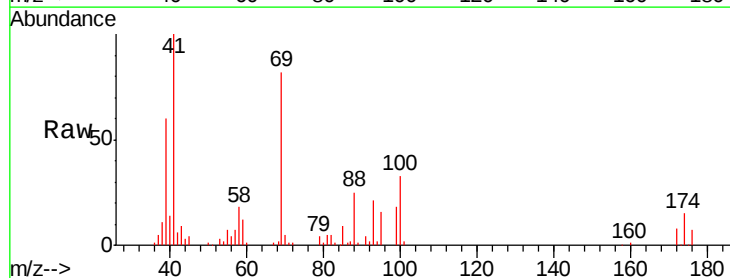
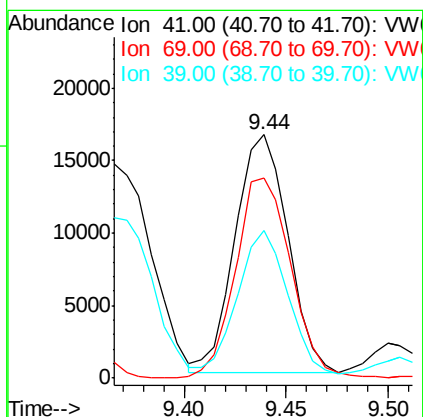
RT: 9.44 min Scan# 1236

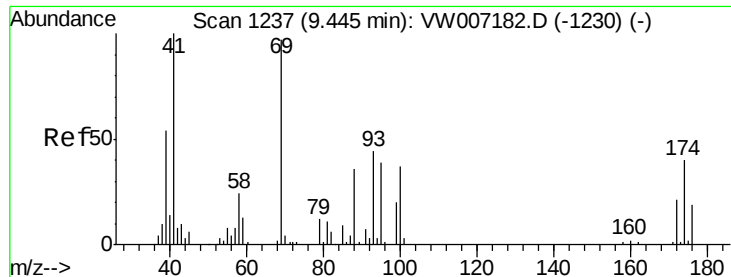
Delta R.T. -0.00 min

Lab File: VW007201.D

Acq: 04 Dec 2018 21:11

Tgt Ion:	41	Resp:	29300
Ion Ratio	Lower	Upper	
41	100		
69	89.7	69.6	104.4
39	57.5	42.4	63.6





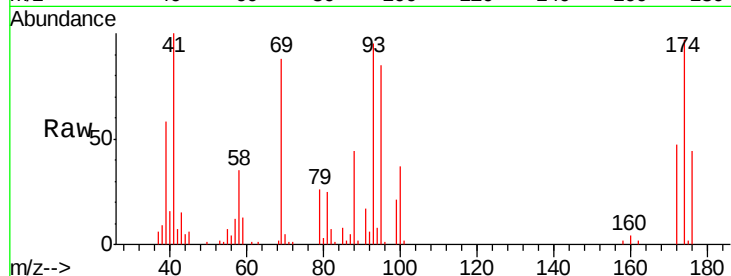
#49
1,4-Dioxane
Concen: 1014.471 ug/l
RT: 9.45 min Scan# 1238
Delta R.T. 0.01 min
Lab File: VW007201.D
Acq: 04 Dec 2018 21:11

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tgt Ion	Ratio	Lower	Upper
88	100		
43	33.8	25.8	38.8
58	71.4	58.9	88.3

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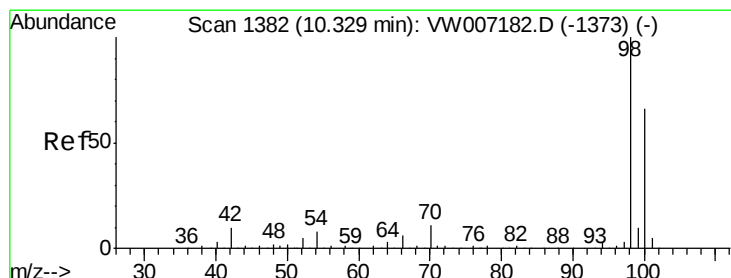
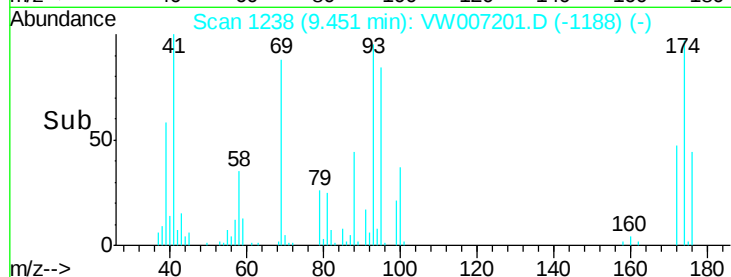
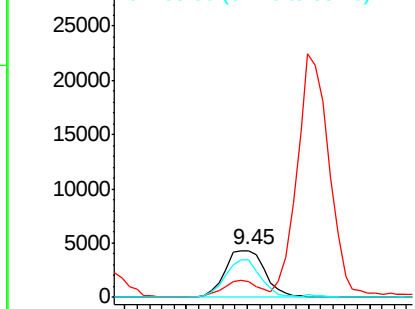


Abundance

Ion 88.00 (87.70 to 88.70): VW

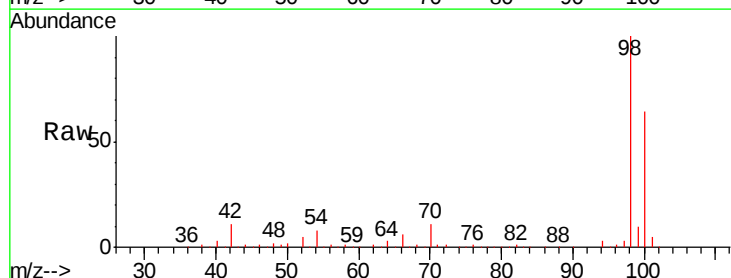
Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



#50
Toluene-d8
Concen: 49.327 ug/l
RT: 10.33 min Scan# 1382
Delta R.T. -0.00 min
Lab File: VW007201.D
Acq: 04 Dec 2018 21:11

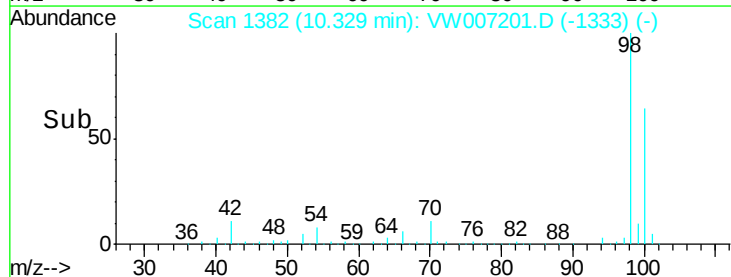
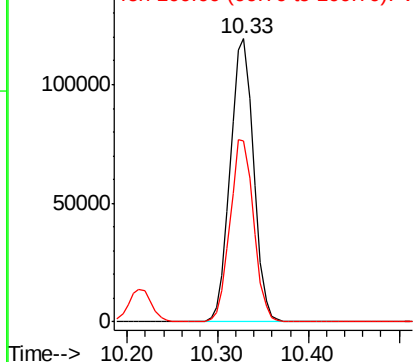
Tgt Ion	Ratio	Lower	Upper
98	100		
100	65.2	52.7	79.1

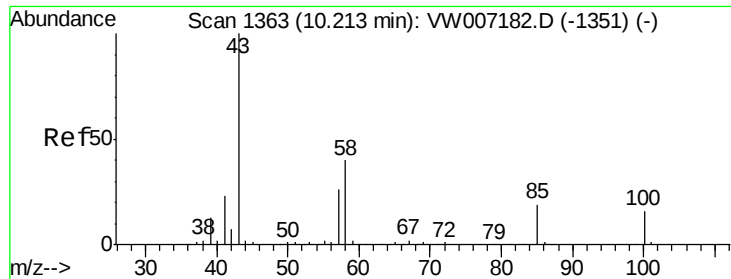


Abundance

Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW





#51

4-Methyl-2-Pentanone

Concen: 256.945 ug/l

RT: 10.21 min Scan# 1363

Delta R.T. -0.00 min

Lab File: VW007201.D

Acq: 04 Dec 2018 21:11

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 43 Resp: 148374

Ion Ratio Lower Upper

43 100

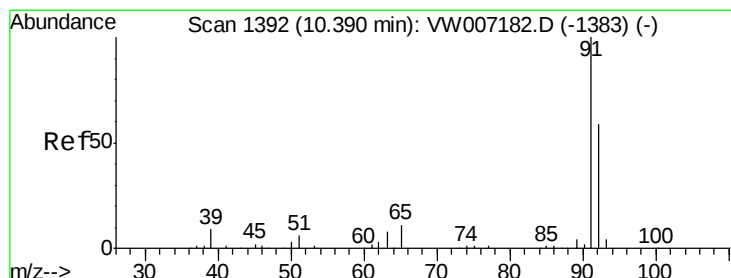
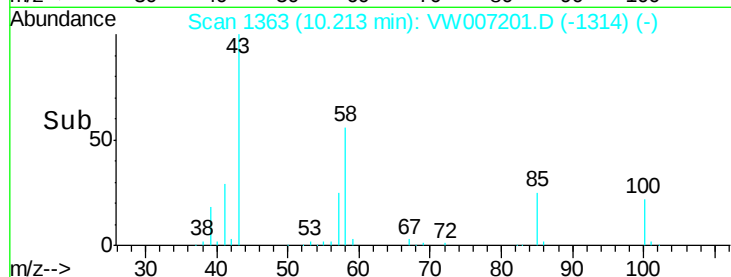
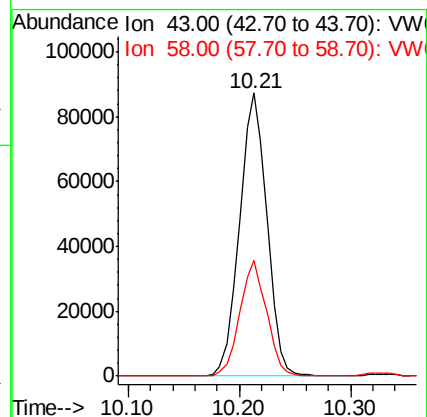
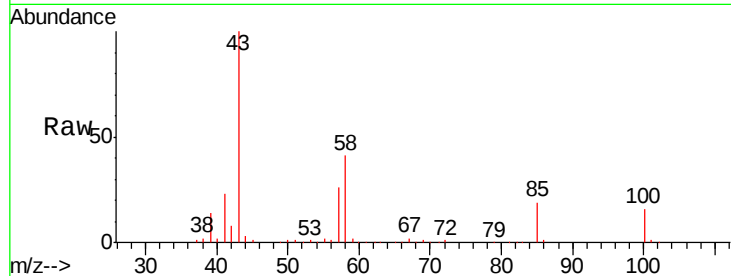
58 40.0 32.3 48.5

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#52

Toluene

Concen: 47.961 ug/l

RT: 10.39 min Scan# 1392

Delta R.T. -0.00 min

Lab File: VW007201.D

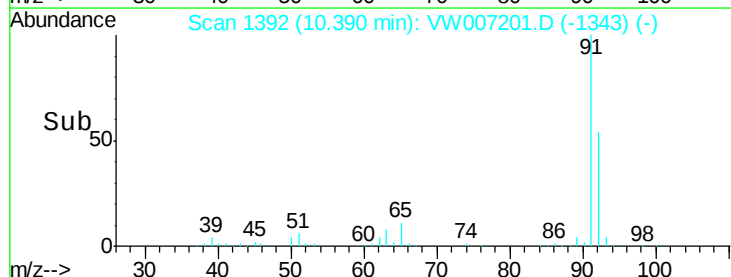
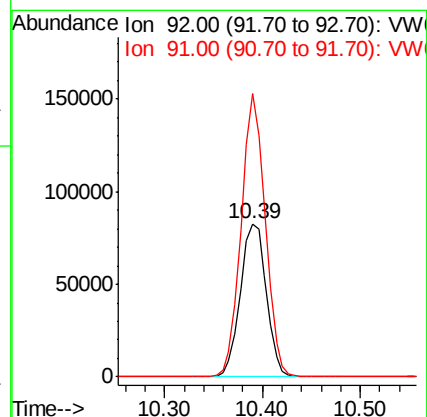
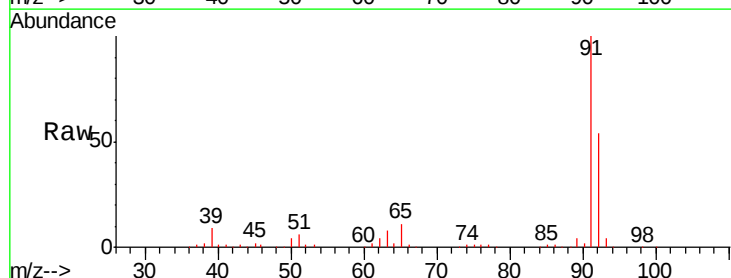
Acq: 04 Dec 2018 21:11

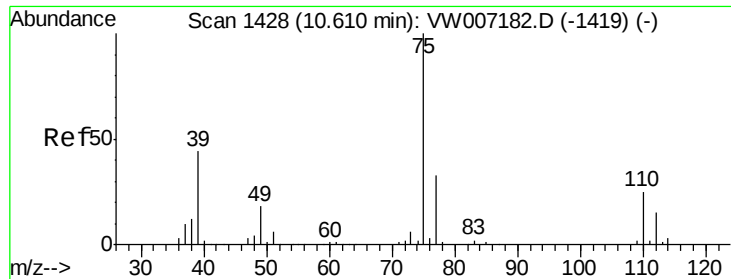
Tgt Ion: 92 Resp: 152588

Ion Ratio Lower Upper

92 100

91 171.4 136.0 204.0





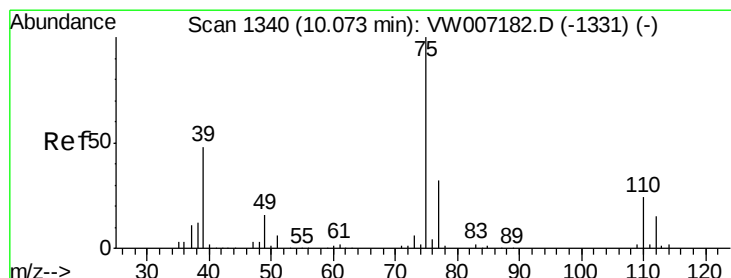
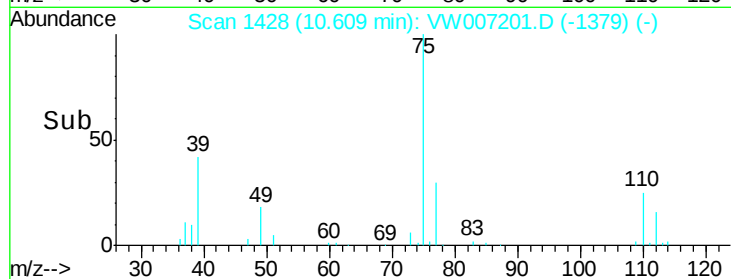
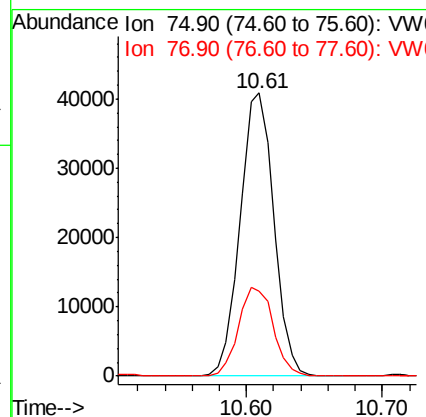
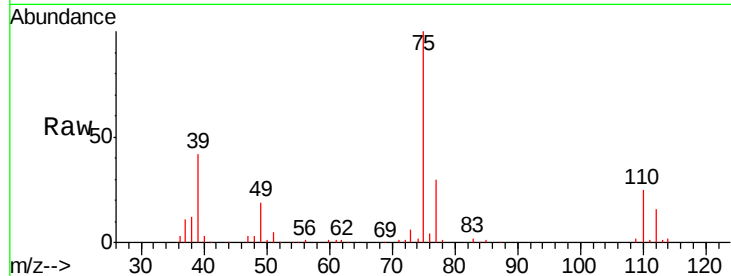
#53
 t-1,3-Dichloropropene
 Concen: 48.410 ug/l
 RT: 10.61 min Scan# 1428
 Delta R.T. -0.00 min
 Lab File: VW007201.D
 Acq: 04 Dec 2018 21:11

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion: 75 Resp: 70804
 Ion Ratio Lower Upper
 75 100
 77 30.2 26.2 39.2

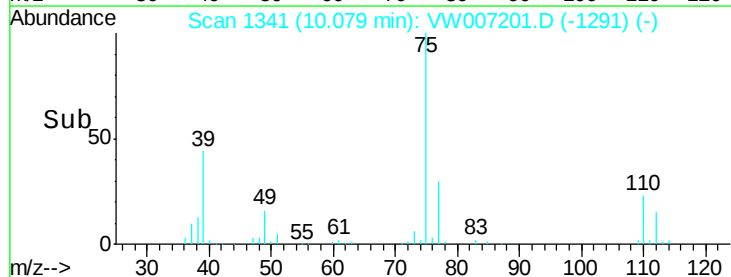
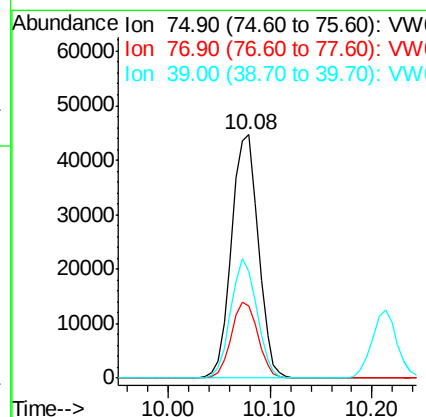
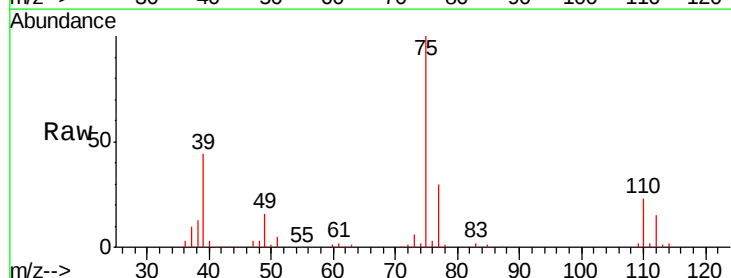
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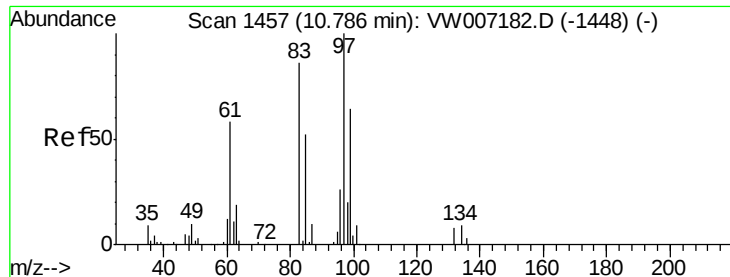
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#54
 cis-1,3-Dichloropropene
 Concen: 47.461 ug/l
 RT: 10.08 min Scan# 1341
 Delta R.T. 0.01 min
 Lab File: VW007201.D
 Acq: 04 Dec 2018 21:11

Tgt Ion: 75 Resp: 81350
 Ion Ratio Lower Upper
 75 100
 77 29.6 26.0 39.0
 39 43.6 38.0 57.0





#55

1,1,2-Trichloroethane

Concen: 49.003 ug/l

RT: 10.79 min Scan# 1458

Delta R.T. 0.01 min

Lab File: VW007201.D

Acq: 04 Dec 2018 21:11

Instrument :

MSVOA_W

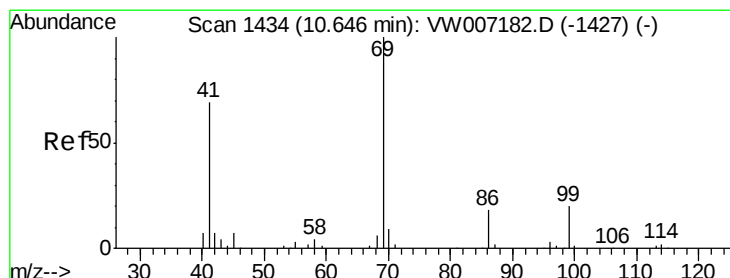
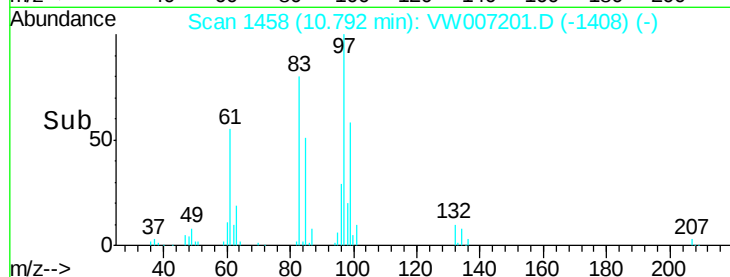
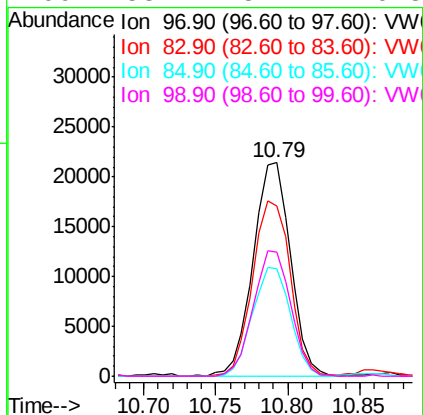
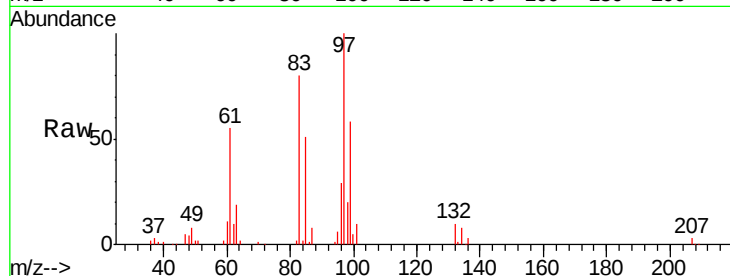
ClientSampleId :

VSTDCCC050EC

Tgt Ion:	97	Resp:	38549
Ion	Ratio	Lower	Upper
97	100		
83	79.7	68.6	102.8
85	50.5	41.4	62.2
99	58.1	51.2	76.8

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#56

Ethyl methacrylate

Concen: 49.608 ug/l

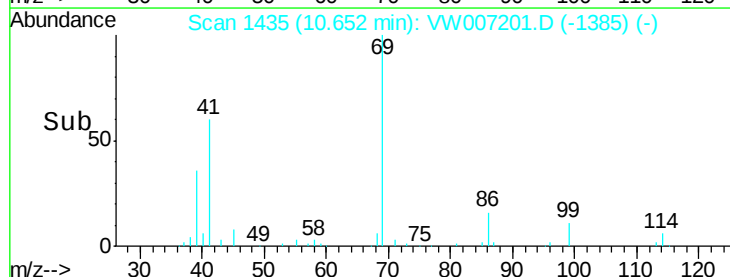
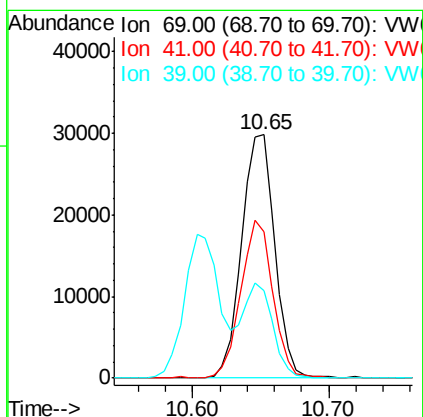
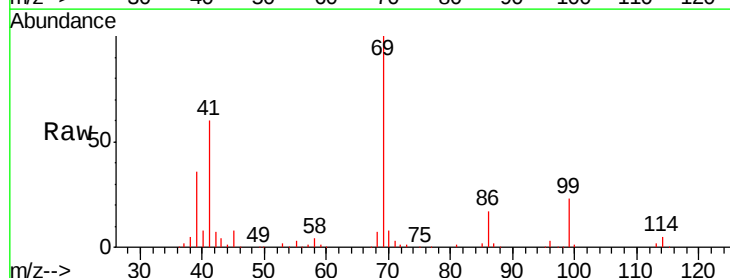
RT: 10.65 min Scan# 1435

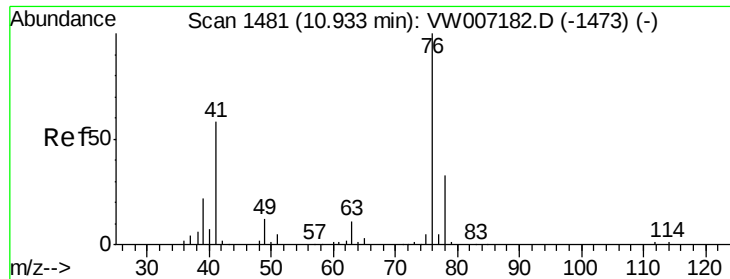
Delta R.T. 0.01 min

Lab File: VW007201.D

Acq: 04 Dec 2018 21:11

Tgt Ion:	69	Resp:	50906
Ion	Ratio	Lower	Upper
69	100		
41	61.9	51.8	77.6
39	36.4	28.7	43.1





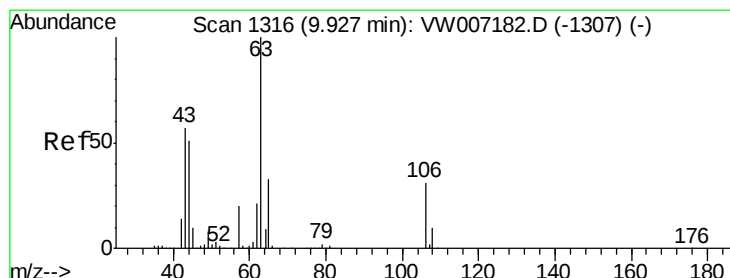
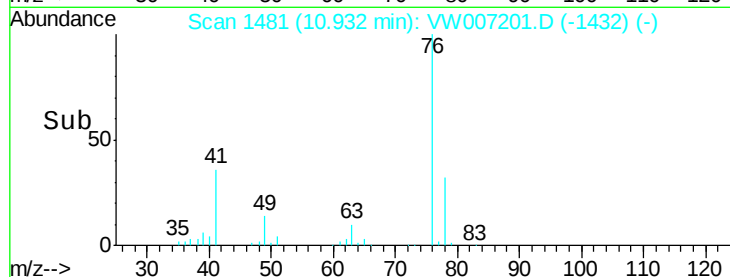
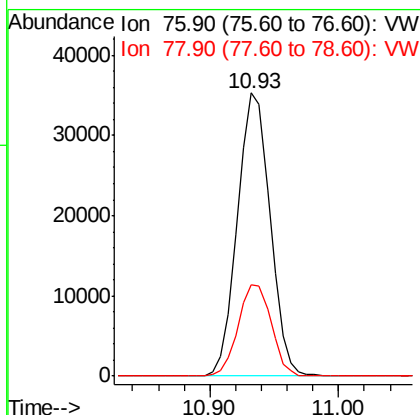
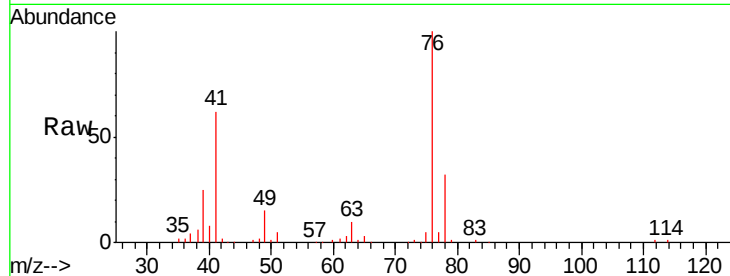
#57
 1,3-Dichloropropane
 Concen: 46.779 ug/l
 RT: 10.93 min Scan# 1481
 Delta R.T. -0.00 min
 Lab File: VW007201.D
 Acq: 04 Dec 2018 21:11

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion: 76 Resp: 62128
 Ion Ratio Lower Upper
 76 100
 78 32.5 26.6 40.0

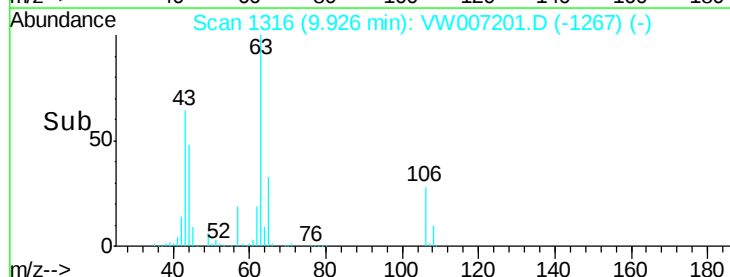
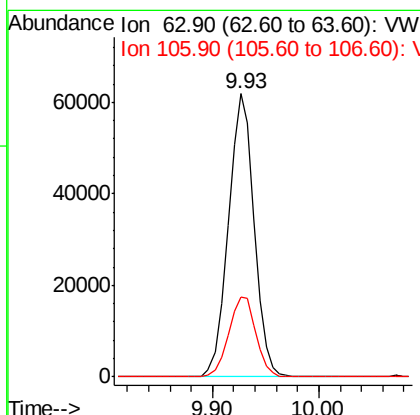
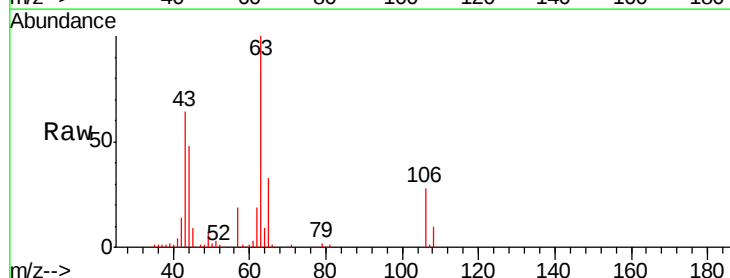
Manual Integrations
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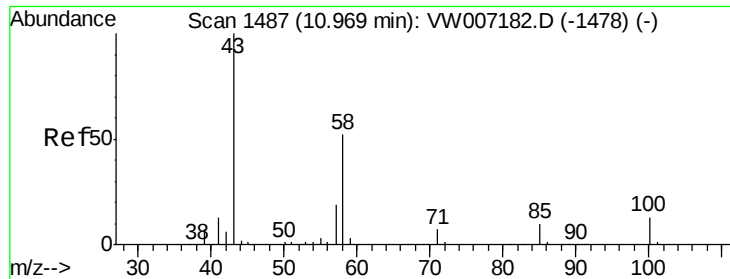
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#58
 2-Chloroethyl Vinyl ether
 Concen: 253.555 ug/l
 RT: 9.93 min Scan# 1316
 Delta R.T. -0.00 min
 Lab File: VW007201.D
 Acq: 04 Dec 2018 21:11

Tgt Ion: 63 Resp: 104508
 Ion Ratio Lower Upper
 63 100
 106 29.9 24.1 36.1





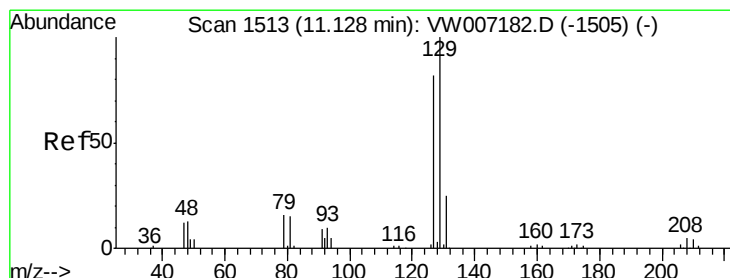
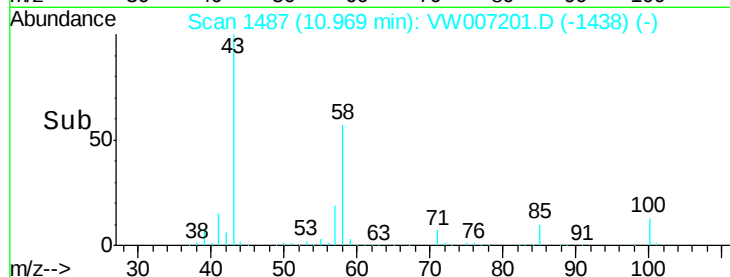
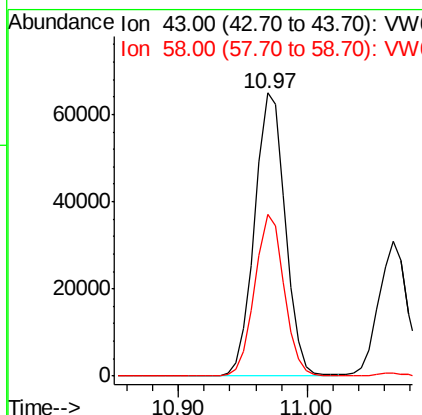
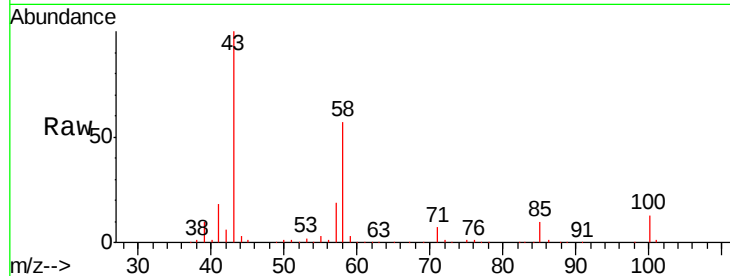
#59
2-Hexanone
Concen: 253.974 ug/l
RT: 10.97 min Scan# 1487
Delta R.T. -0.00 min
Lab File: VW007201.D
Acq: 04 Dec 2018 21:11

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 106315
Ion Ratio Lower Upper
43 100
58 54.8 28.1 84.4

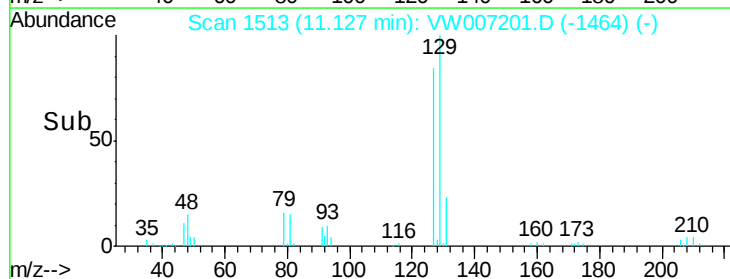
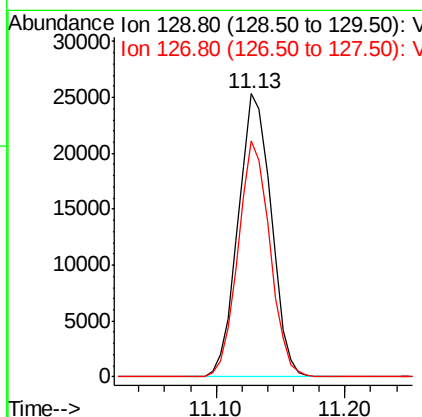
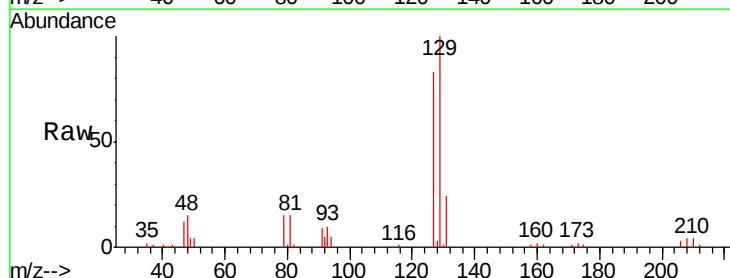
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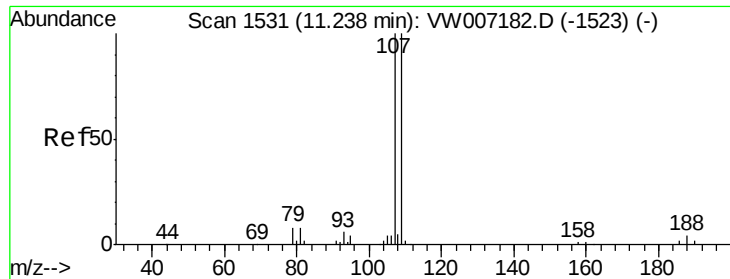
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#60
Dibromochloromethane
Concen: 46.594 ug/l
RT: 11.13 min Scan# 1513
Delta R.T. -0.00 min
Lab File: VW007201.D
Acq: 04 Dec 2018 21:11

Tgt Ion: 129 Resp: 45050
Ion Ratio Lower Upper
129 100
127 80.0 39.8 119.4





#61

1,2-Dibromoethane

Concen: 50.339 ug/l

RT: 11.24 min Scan# 1531

Delta R.T. -0.00 min

Lab File: VW007201.D

Acq: 04 Dec 2018 21:11

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 107 Resp: 37982

Ion Ratio Lower Upper

107 100

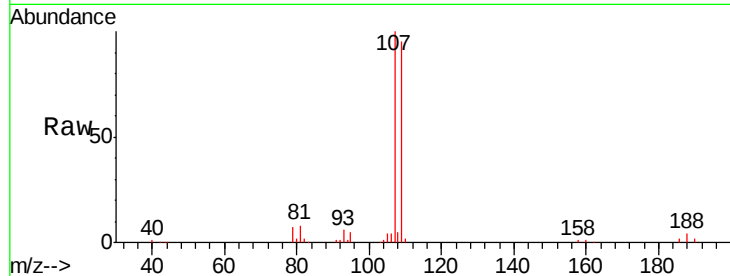
109 94.0 77.3 115.9

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Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

11.24

25000

20000

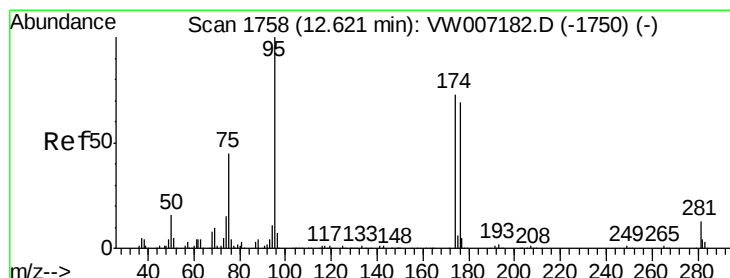
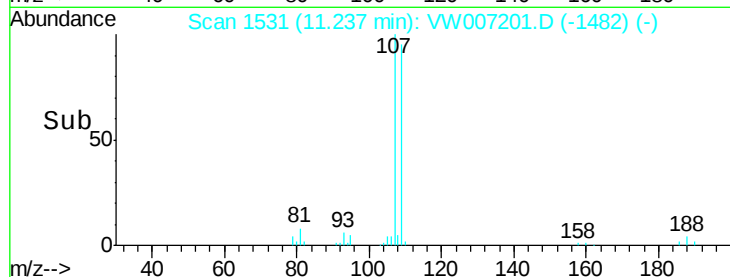
15000

10000

5000

0

Time--> 11.15 11.20 11.25 11.30



#62

4-Bromofluorobenzene

Concen: 49.845 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.00 min

Lab File: VW007201.D

Acq: 04 Dec 2018 21:11

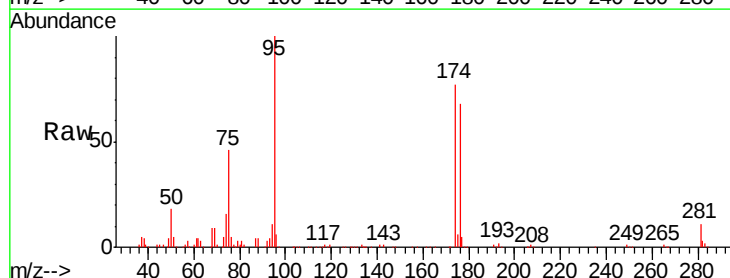
Tgt Ion: 95 Resp: 81343

Ion Ratio Lower Upper

95 100

174 76.7 0.0 148.0

176 70.0 0.0 139.4



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

12.62

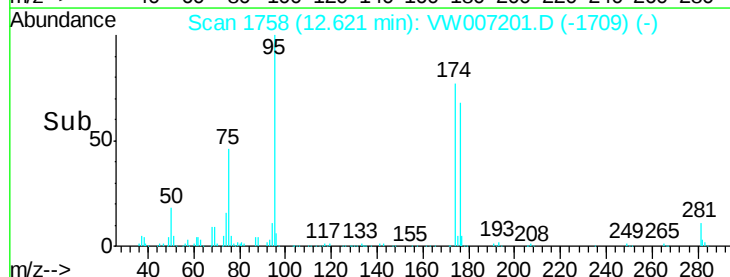
60000

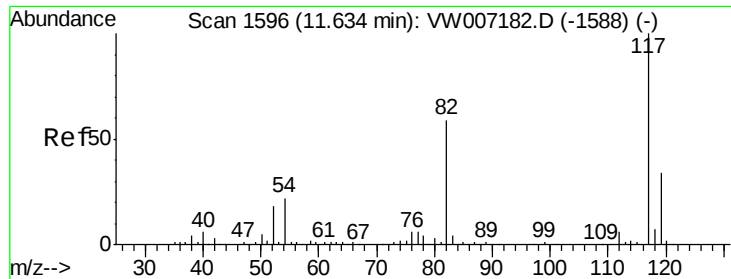
40000

20000

0

Time--> 12.55 12.60 12.65 12.70





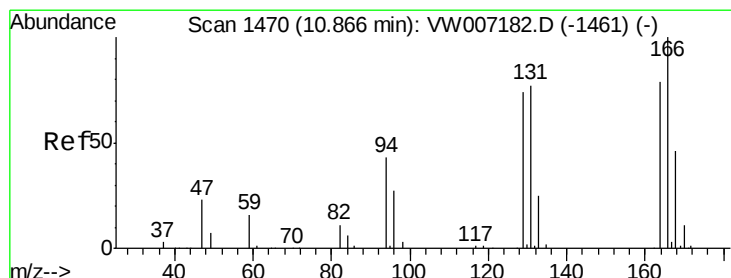
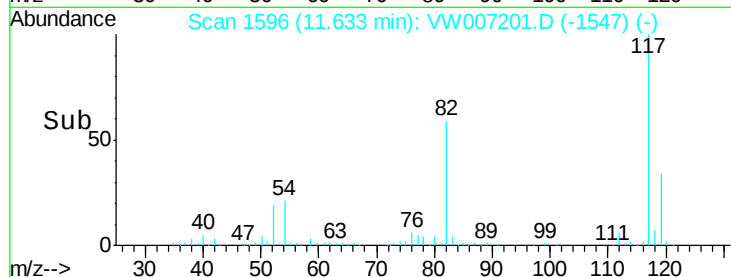
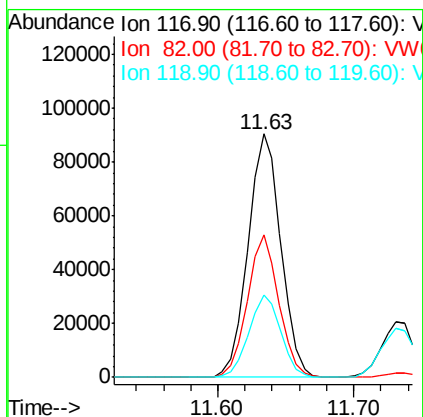
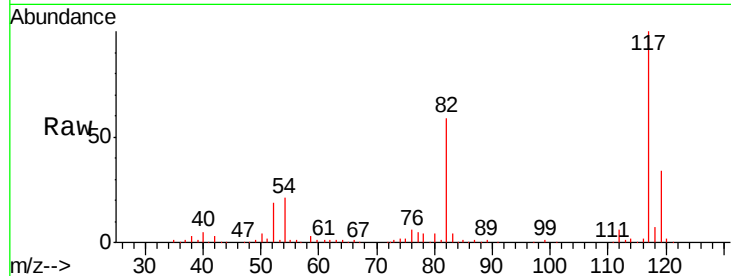
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW007201.D
Acq: 04 Dec 2018 21:11

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tgt Ion	Ratio	Lower	Upper
117	100		
82	58.6	47.4	71.2
119	33.6	26.8	40.2

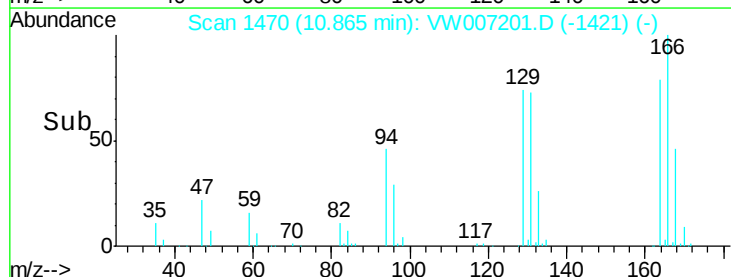
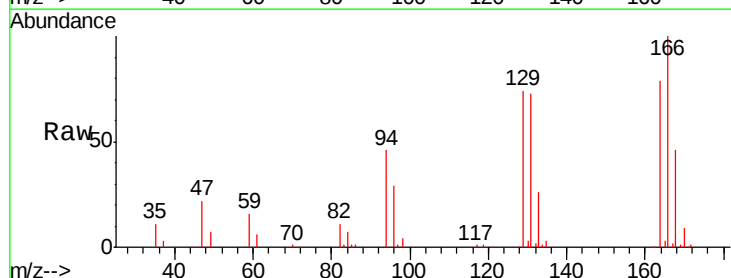
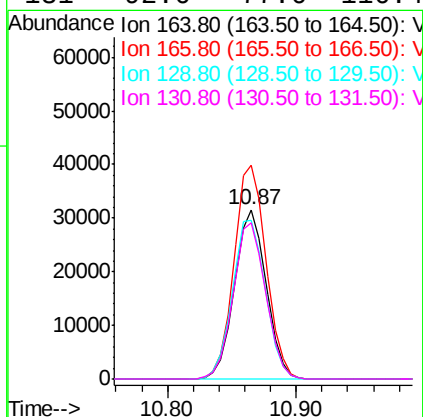
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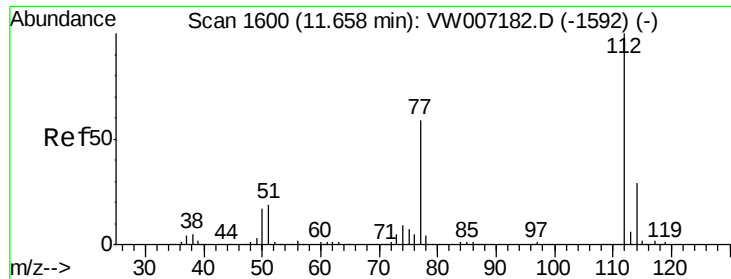
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#64
Tetrachloroethene
Concen: 48.189 ug/l
RT: 10.87 min Scan# 1470
Delta R.T. -0.00 min
Lab File: VW007201.D
Acq: 04 Dec 2018 21:11

Tgt Ion	Ratio	Lower	Upper
164	100		
166	126.3	101.0	151.4
129	93.8	74.6	111.8
131	92.6	77.6	116.4





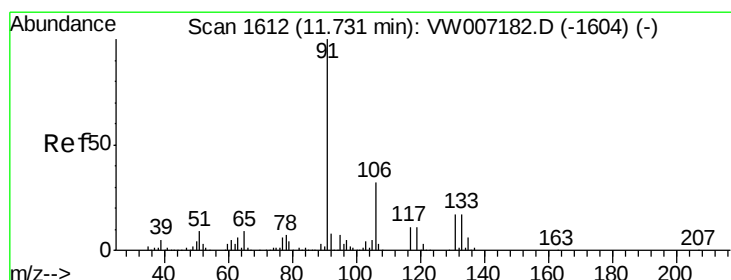
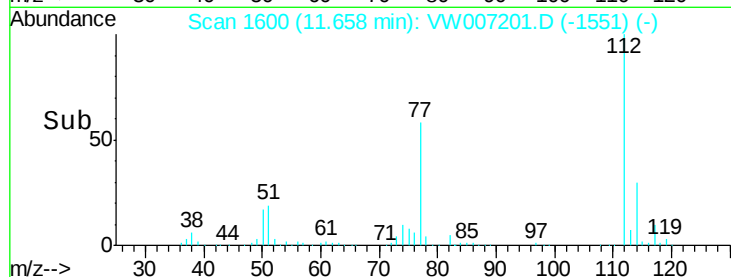
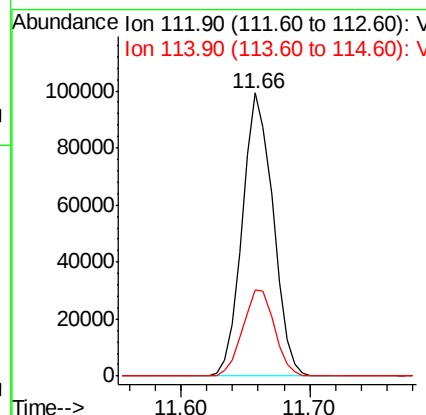
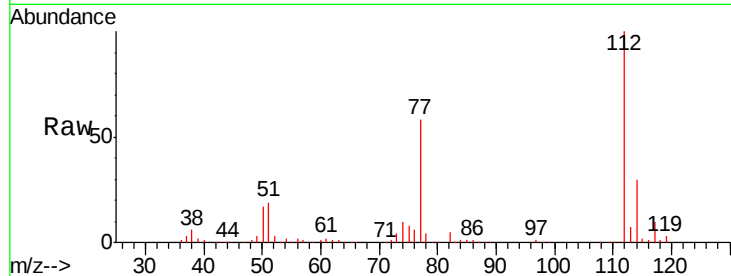
#65
Chlorobenzene
Concen: 48.124 ug/l
RT: 11.66 min Scan# 1600
Delta R.T. -0.00 min
Lab File: VW007201.D
Acq: 04 Dec 2018 21:11

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tgt Ion:112 Resp: 164018
Ion Ratio Lower Upper
112 100
114 30.4 23.0 34.4

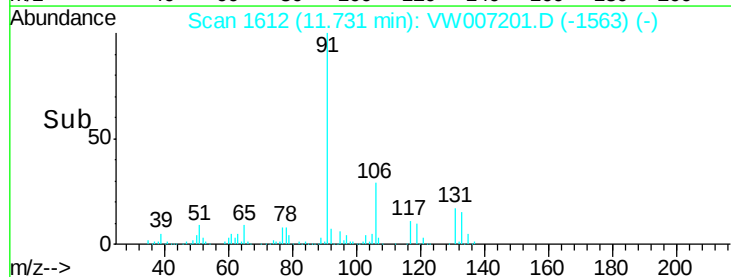
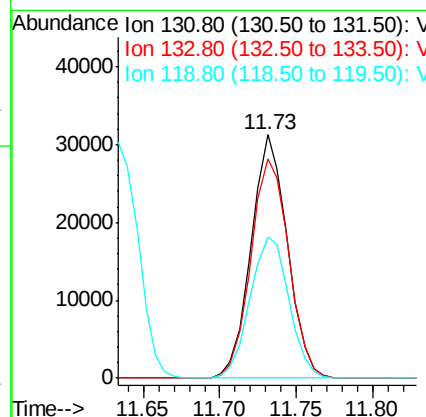
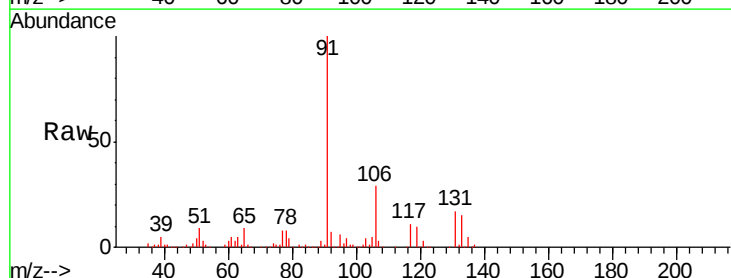
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#66
1,1,1,2-Tetrachloroethane
Concen: 48.921 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. -0.00 min
Lab File: VW007201.D
Acq: 04 Dec 2018 21:11

Tgt Ion:131 Resp: 51494
Ion Ratio Lower Upper
131 100
133 94.4 48.0 144.2
119 62.5 32.8 98.4





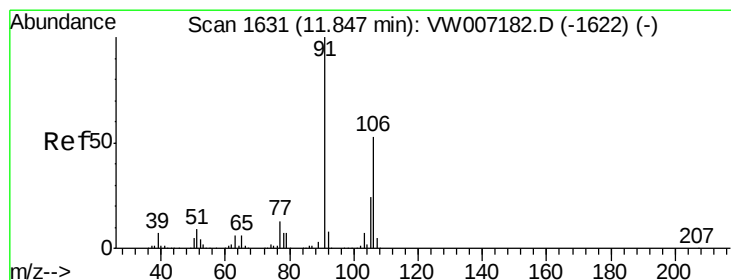
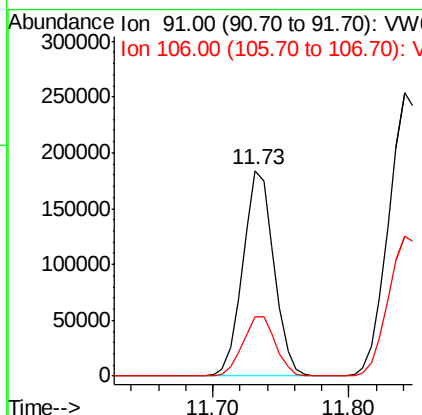
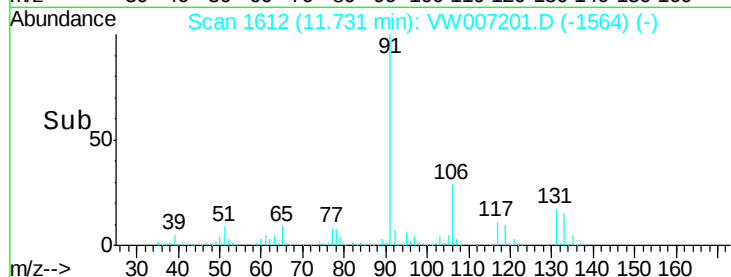
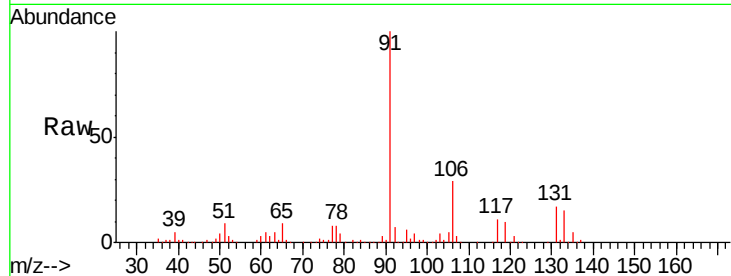
#67
Ethyl Benzene
Concen: 47.362 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. -0.01 min
Lab File: VW007201.D
Acq: 04 Dec 2018 21:11

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 91 Resp: 294208
Ion Ratio Lower Upper
91 100
106 28.8 26.0 39.0

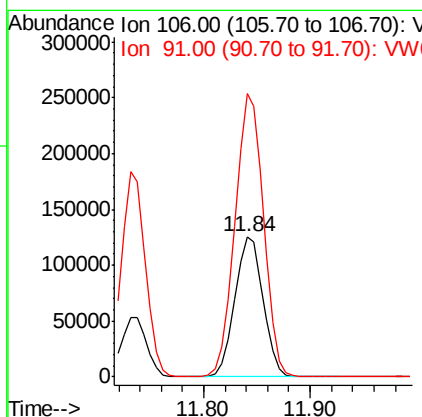
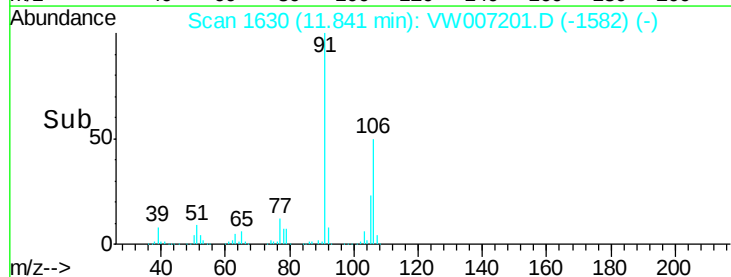
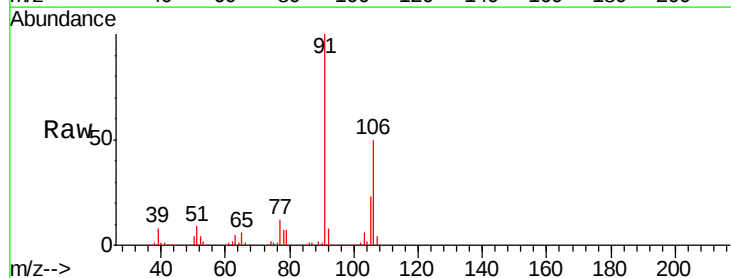
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#68
m/p-Xylenes
Concen: 95.967 ug/l
RT: 11.84 min Scan# 1630
Delta R.T. -0.01 min
Lab File: VW007201.D
Acq: 04 Dec 2018 21:11

Tgt Ion: 106 Resp: 233867
Ion Ratio Lower Upper
106 100
91 203.6 160.2 240.4





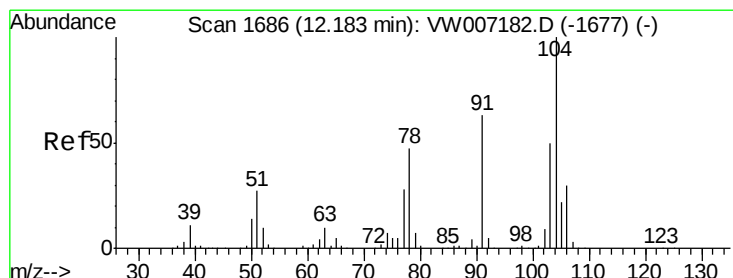
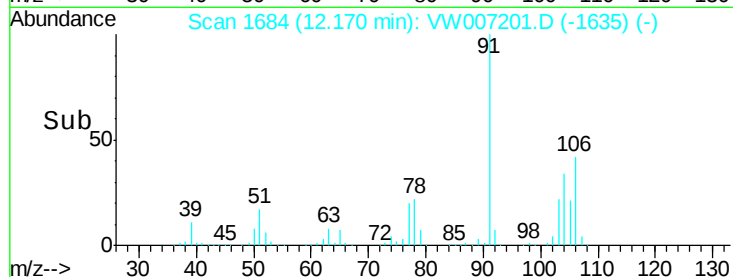
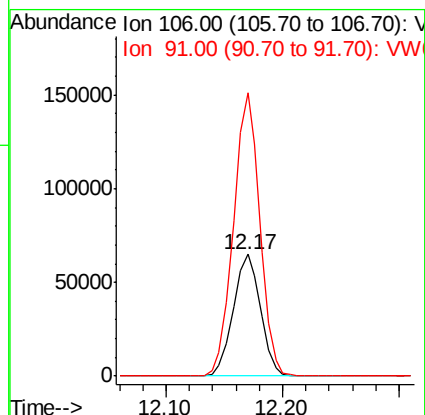
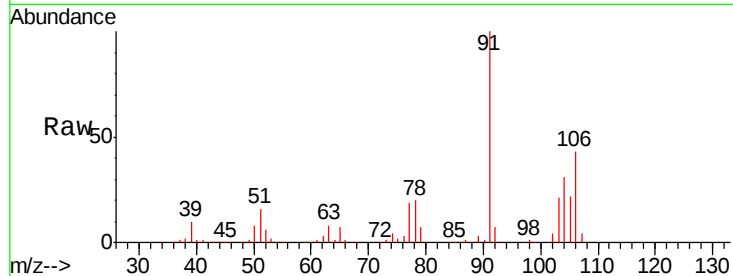
#69
o-Xylene
Concen: 46.310 ug/l
RT: 12.17 min Scan# 1684
Delta R.T. -0.00 min
Lab File: VW007201.D
Acq: 04 Dec 2018 21:11

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tgt Ion:106 Resp: 105441
Ion Ratio Lower Upper
106 100
91 225.4 104.9 314.7

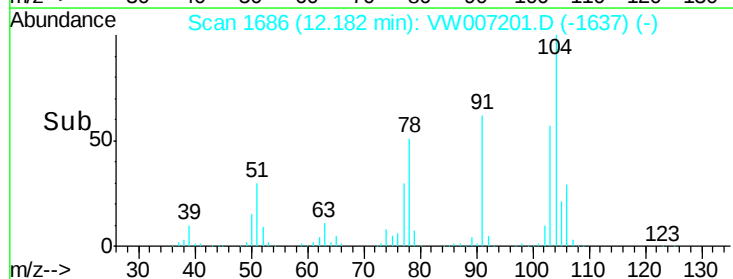
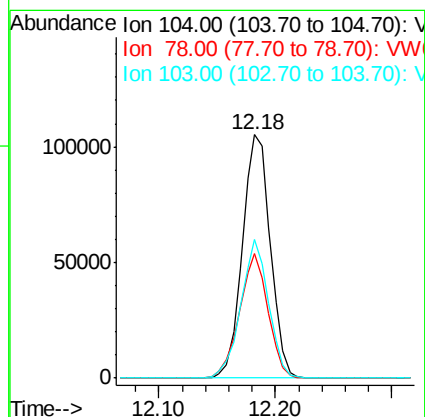
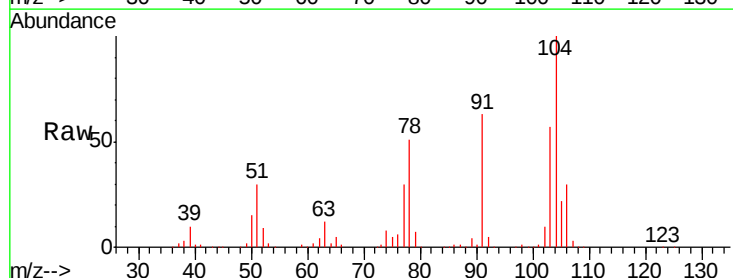
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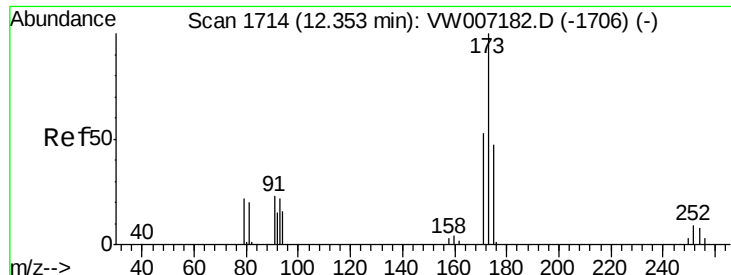
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#70
Styrene
Concen: 47.307 ug/l
RT: 12.18 min Scan# 1686
Delta R.T. -0.00 min
Lab File: VW007201.D
Acq: 04 Dec 2018 21:11

Tgt Ion:104 Resp: 176317
Ion Ratio Lower Upper
104 100
78 52.2 40.6 60.8
103 56.3 43.0 64.4





#71

Bromoform

Concen: 48.039 ug/l

RT: 12.35 min Scan# 1714

Delta R.T. -0.00 min

Lab File: VW007201.D

Acq: 04 Dec 2018 21:11

Instrument :

MSVOA_W

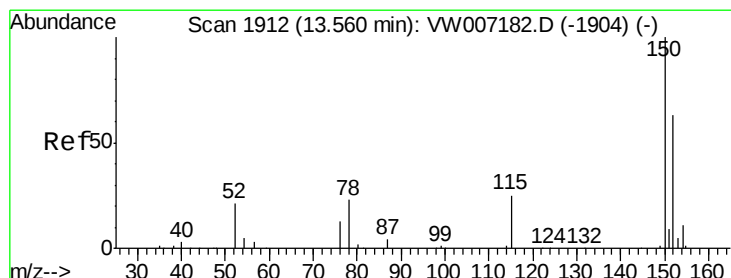
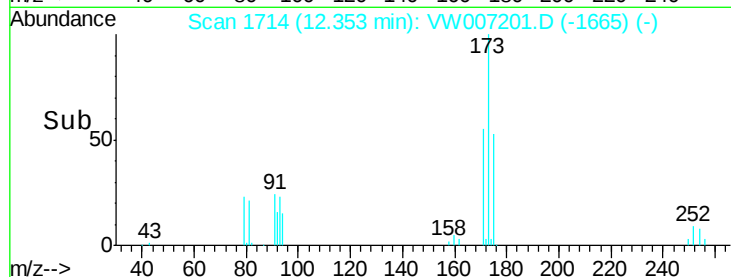
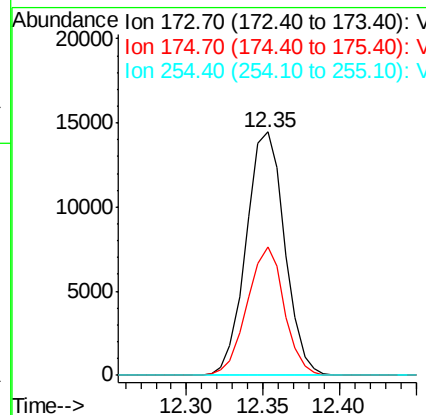
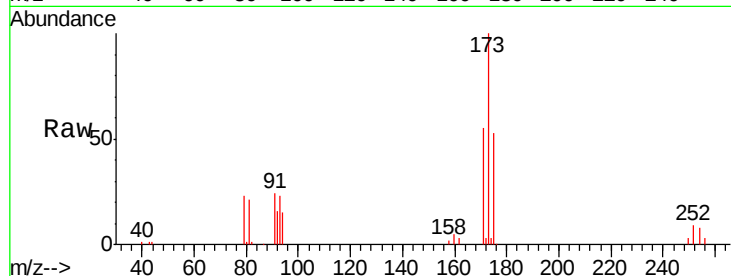
ClientSampleId :

VSTDCCC050EC

Tgt Ion:	173	Resp:	25313
Ion Ratio	Lower	Upper	
173	100		
175	50.6	24.0	72.0
254	0.0	0.0	0.0

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#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

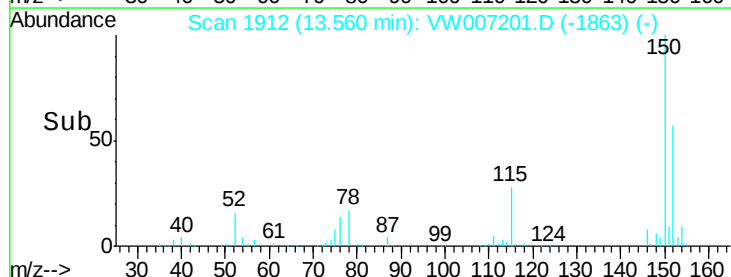
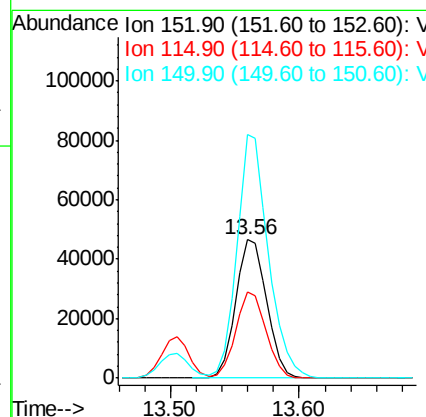
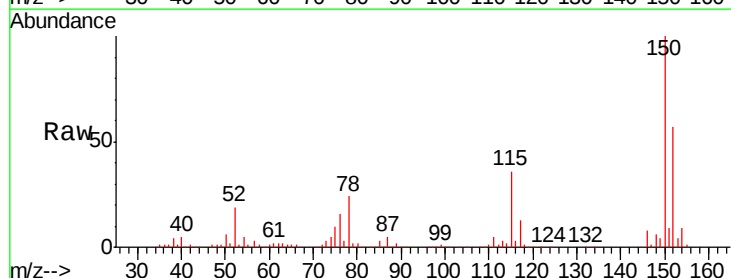
RT: 13.56 min Scan# 1912

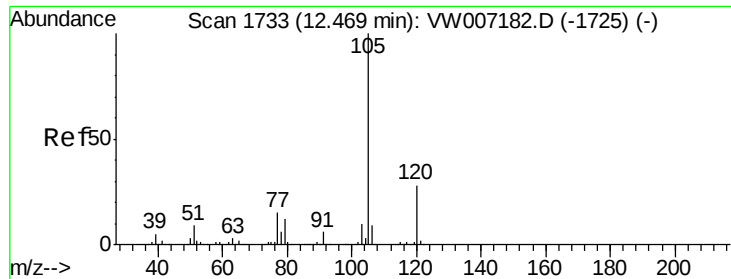
Delta R.T. -0.00 min

Lab File: VW007201.D

Acq: 04 Dec 2018 21:11

Tgt Ion:	152	Resp:	77734
Ion Ratio	Lower	Upper	
152	100		
115	61.0	31.3	93.8
150	178.2	0.0	358.0





#73

Isopropylbenzene

Concen: 47.748 ug/l

RT: 12.47 min Scan# 1733

Delta R.T. -0.00 min

Lab File: VW007201.D

Acq: 04 Dec 2018 21:11

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 105 Resp: 301880

Ion Ratio Lower Upper

105 100

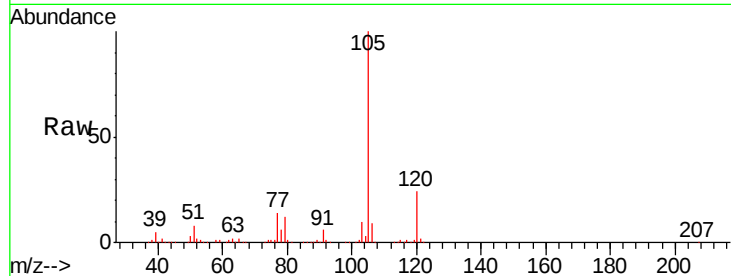
120 25.6 13.2 39.6

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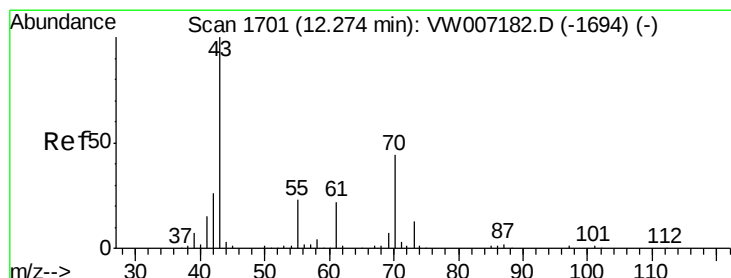
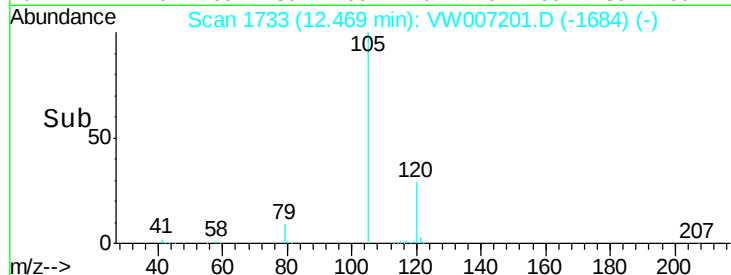
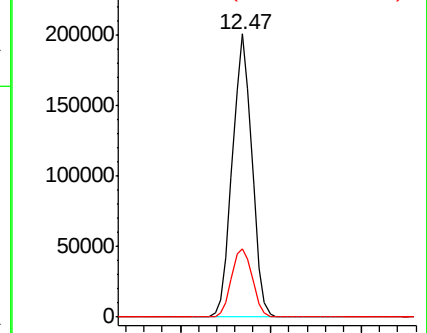
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 49.465 ug/l

RT: 12.27 min Scan# 1701

Delta R.T. -0.00 min

Lab File: VW007201.D

Acq: 04 Dec 2018 21:11

Tgt Ion: 43 Resp: 55447

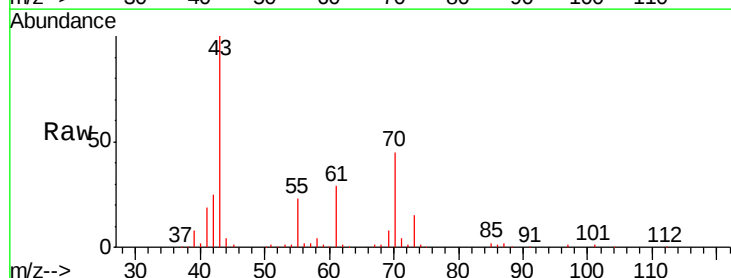
Ion Ratio Lower Upper

43 100

70 44.3 34.0 51.0

55 24.5 19.0 28.6

61 27.3 19.7 29.5

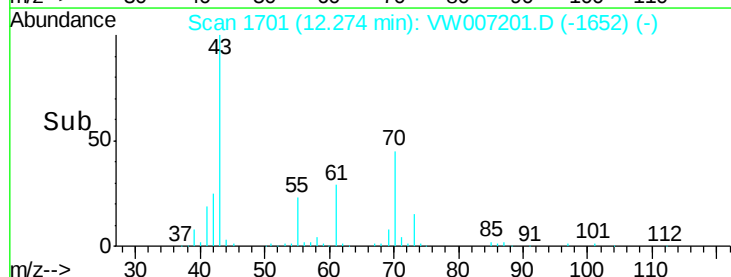
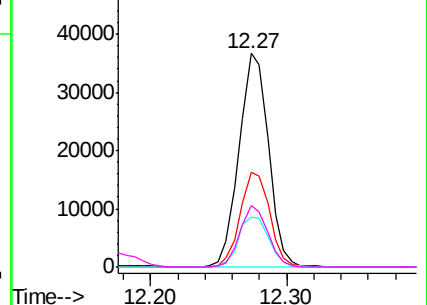


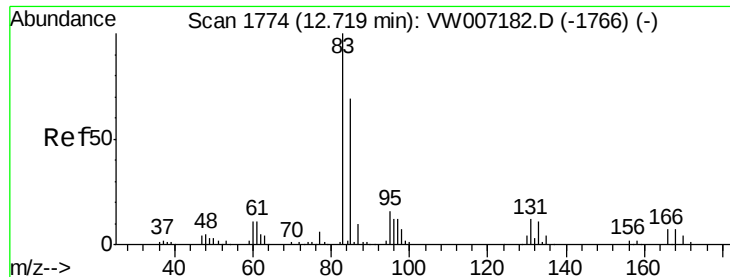
Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 70.00 (69.70 to 70.70): VW

Ion 55.00 (54.70 to 55.70): VW

Ion 61.00 (60.70 to 61.70): VW





#75

1,1,2,2-Tetrachloroethane

Concen: 50.106 ug/l

RT: 12.72 min Scan# 1774

Delta R.T. -0.00 min

Lab File: VW007201.D

Acq: 04 Dec 2018 21:11

Instrument :

MSVOA_W

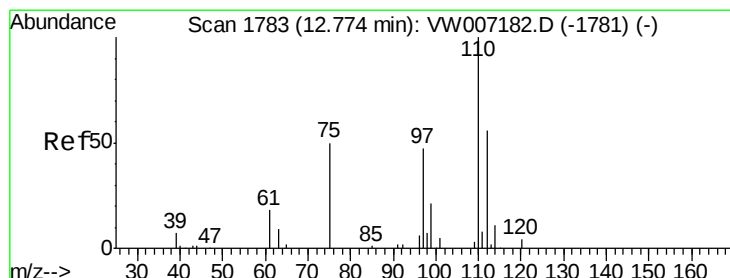
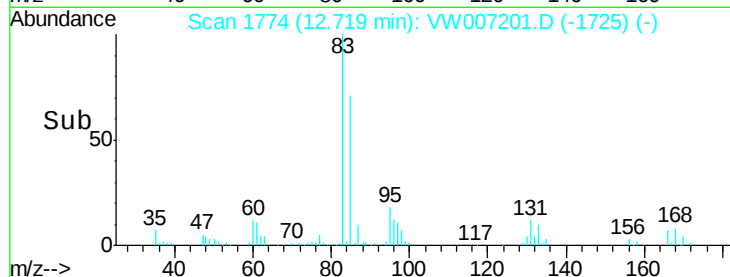
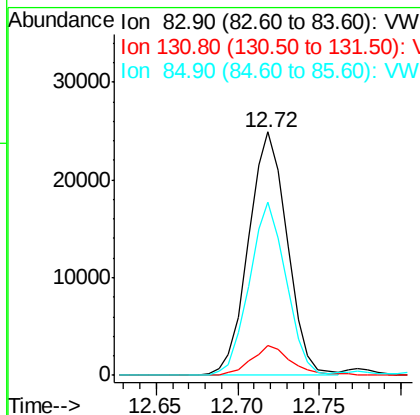
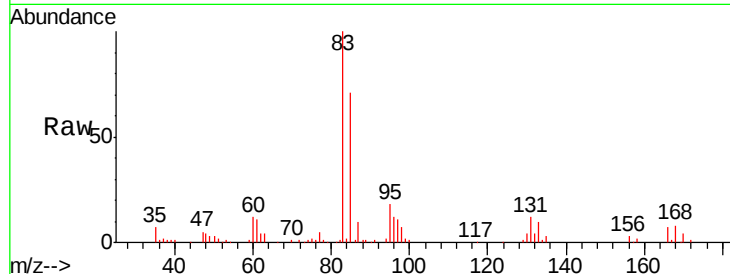
ClientSampleId :

VSTDCCC050EC

Tgt Ion:	83	Resp:	41142
Ion Ratio	Lower	Upper	
83	100		
131	12.5	6.0	18.1
85	67.9	33.0	99.0

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#76

1,2,3-Trichloropropane

Concen: 22.598 ug/l m

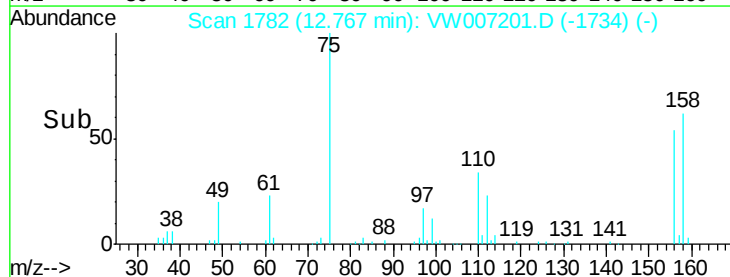
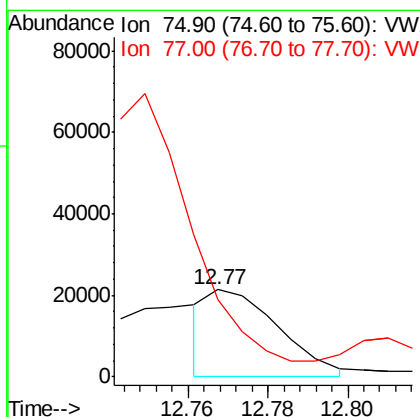
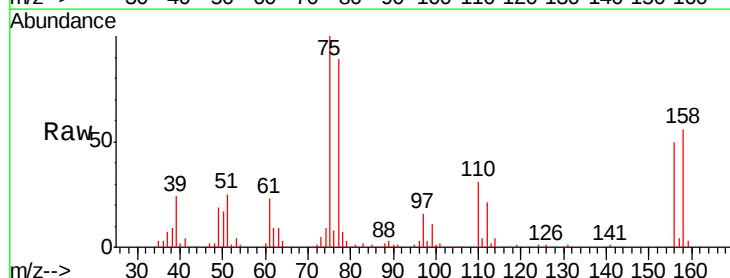
RT: 12.77 min Scan# 1782

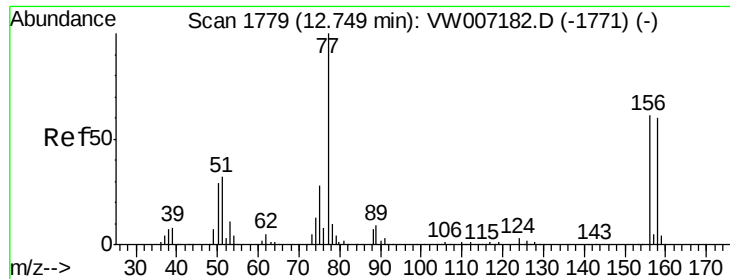
Delta R.T. -0.01 min

Lab File: VW007201.D

Acq: 04 Dec 2018 21:11

Tgt Ion:	75	Resp:	26398
Ion Ratio	Lower	Upper	
75	100		
77	462.6	0.0	0.0#





#77

Bromobenzene

Concen: 48.440 ug/l

RT: 12.75 min Scan# 1779

Delta R.T. -0.00 min

Lab File: VW007201.D

Acq: 04 Dec 2018 21:11

Instrument :

MSVOA_W

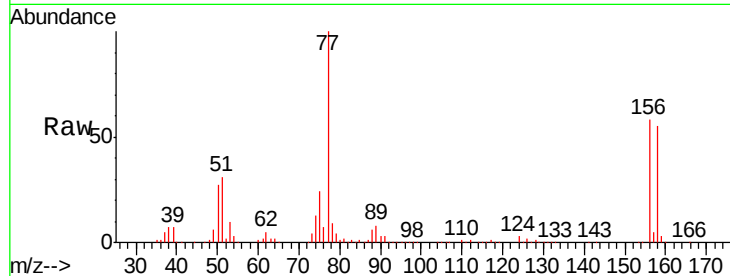
ClientSampleId :

VSTDCCC050EC

Tgt Ion	Ratio	Lower	Upper
156	100		
77	184.7	92.0	276.1
158	96.1	49.0	147.0

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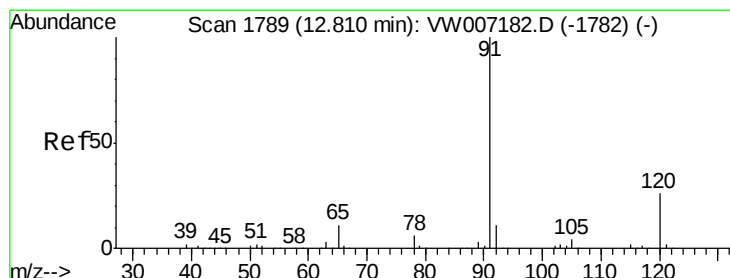
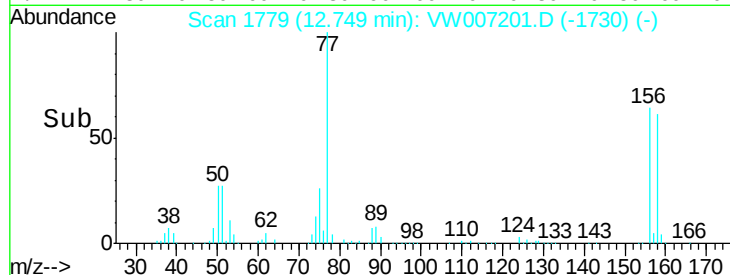
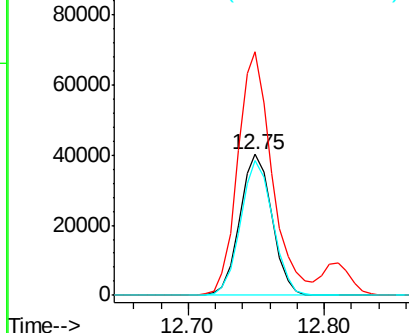
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Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VW

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 46.363 ug/l

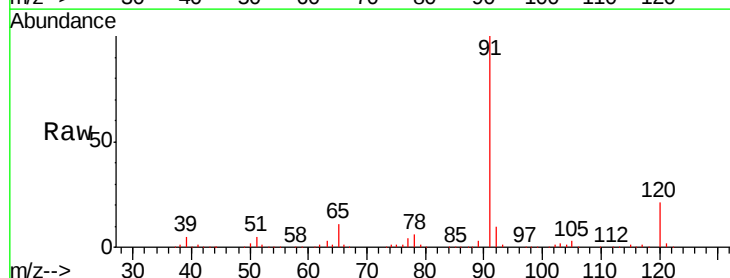
RT: 12.80 min Scan# 1788

Delta R.T. -0.01 min

Lab File: VW007201.D

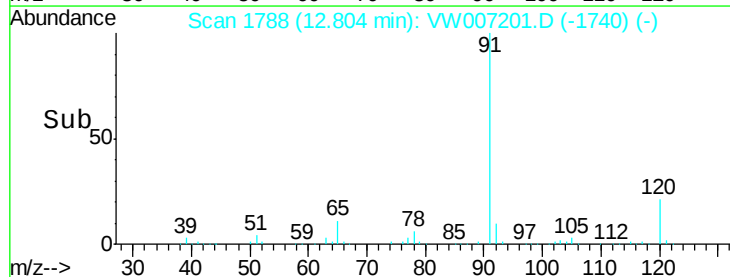
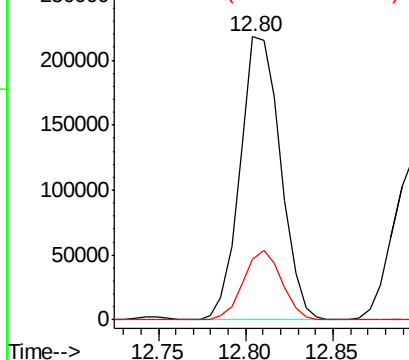
Acq: 04 Dec 2018 21:11

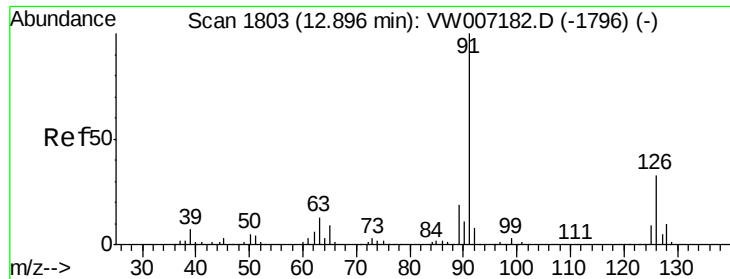
Tgt Ion	Ratio	Lower	Upper
91	100		
120	23.6	12.5	37.5



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 46.402 ug/l

RT: 12.90 min Scan# 1803

Delta R.T. -0.00 min

Lab File: VW007201.D

Acq: 04 Dec 2018 21:11

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 91 Resp: 197370

Ion Ratio Lower Upper

91 100

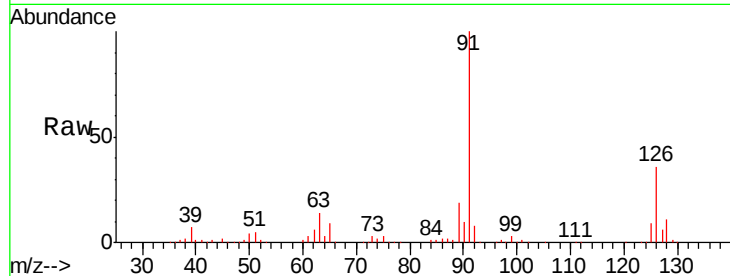
126 36.1 16.7 50.1

Manual Integrations

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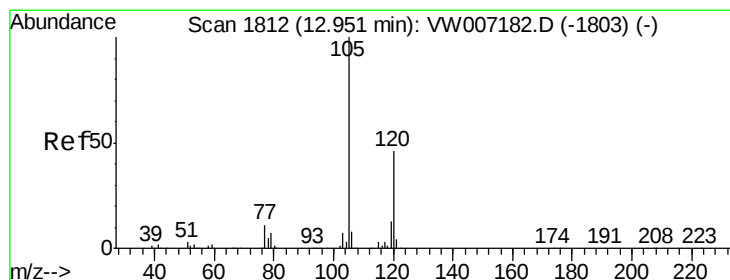
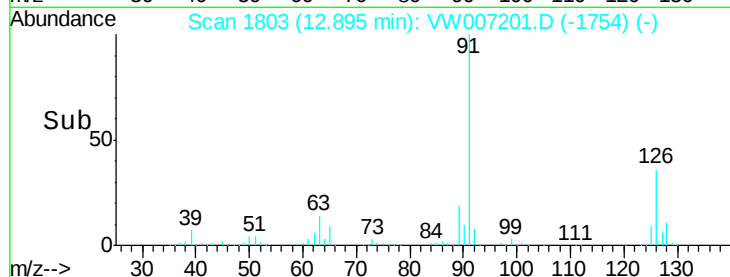
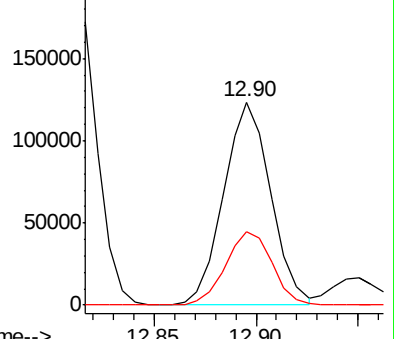
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Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 125.90 (125.60 to 126.60): V



#80

1,3,5-Trimethylbenzene

Concen: 45.743 ug/l

RT: 12.95 min Scan# 1812

Delta R.T. -0.00 min

Lab File: VW007201.D

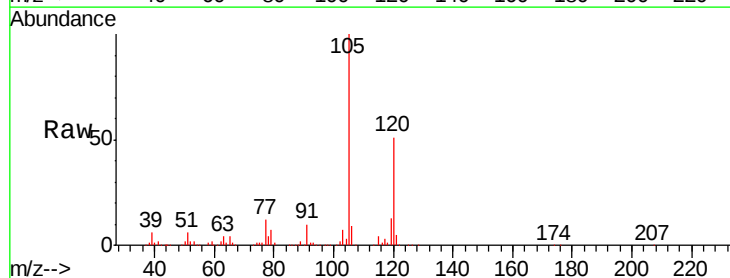
Acq: 04 Dec 2018 21:11

Tgt Ion: 105 Resp: 247409

Ion Ratio Lower Upper

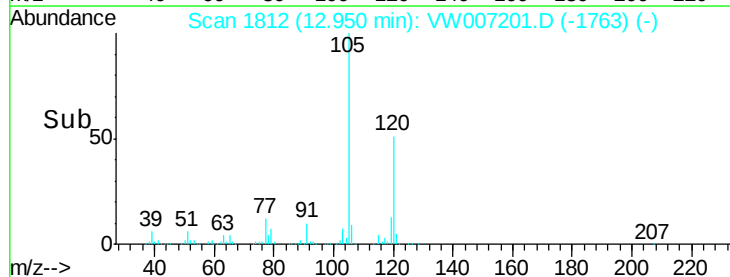
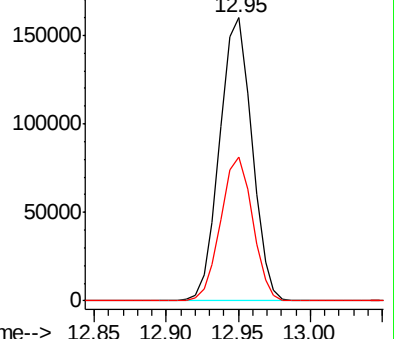
105 100

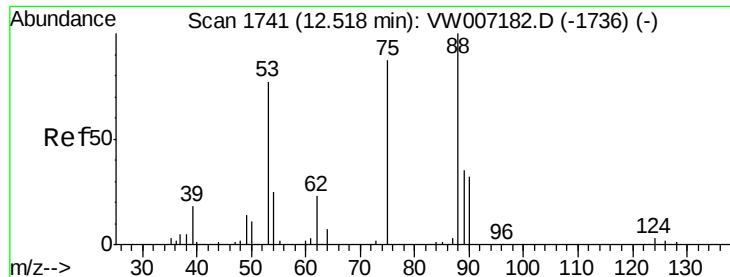
120 50.4 23.8 71.5



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





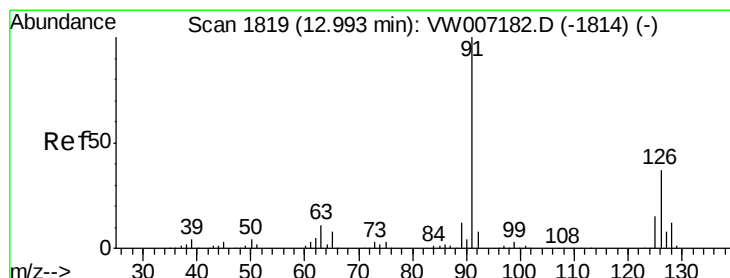
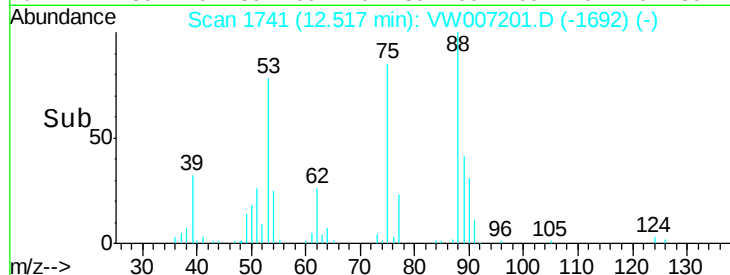
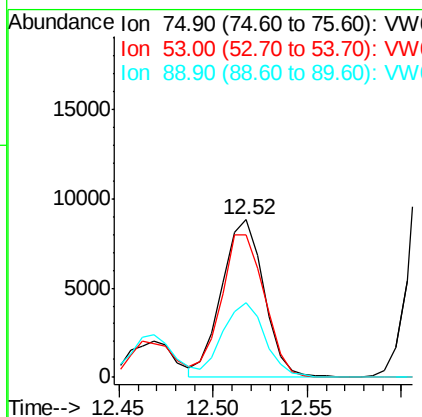
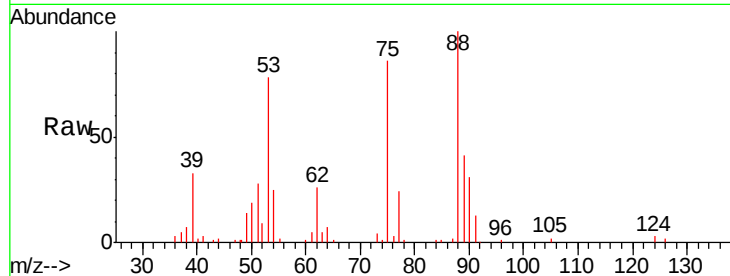
#81
trans-1,4-Dichloro-2-butene
Concen: 49.352 ug/l
RT: 12.52 min Scan# 1741
Delta R.T. -0.00 min
Lab File: VW007201.D
Acq: 04 Dec 2018 21:11

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tgt Ion	Ratio	Lower	Upper
75	100		
53	93.3	72.8	109.2
89	46.7	36.4	54.6

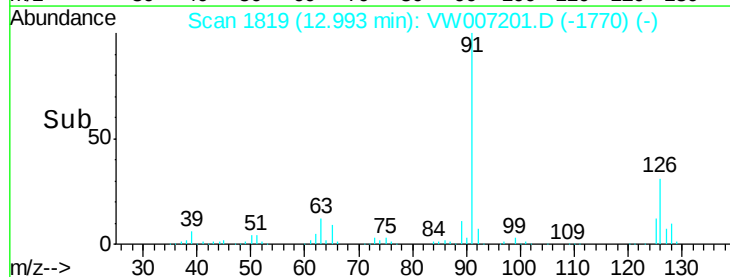
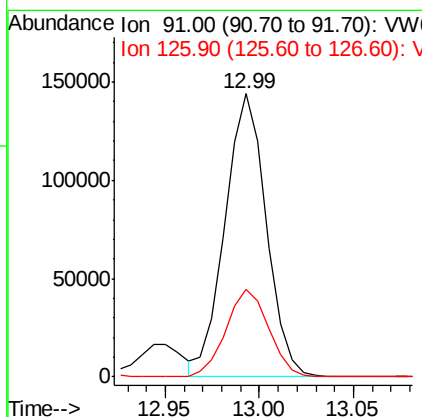
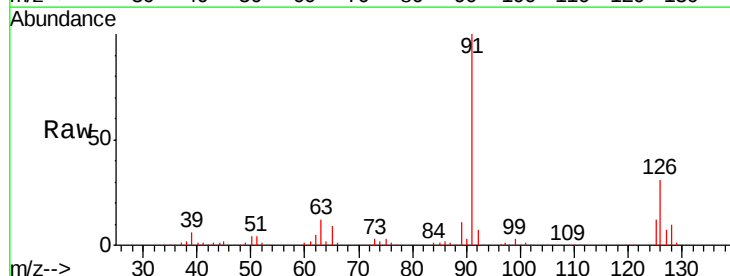
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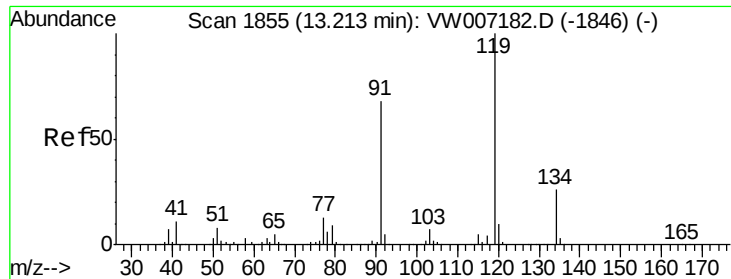
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#82
4-Chlorotoluene
Concen: 48.159 ug/l
RT: 12.99 min Scan# 1819
Delta R.T. -0.00 min
Lab File: VW007201.D
Acq: 04 Dec 2018 21:11

Tgt Ion	Ratio	Lower	Upper
91	100		
126	32.1	17.4	52.3





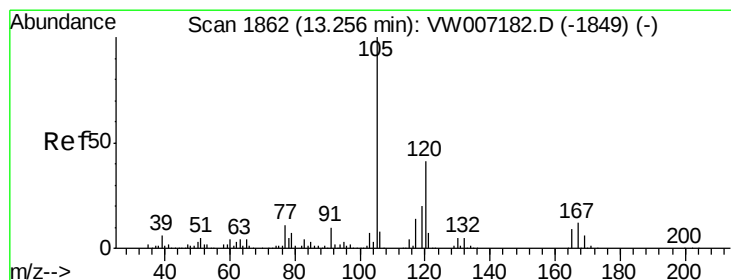
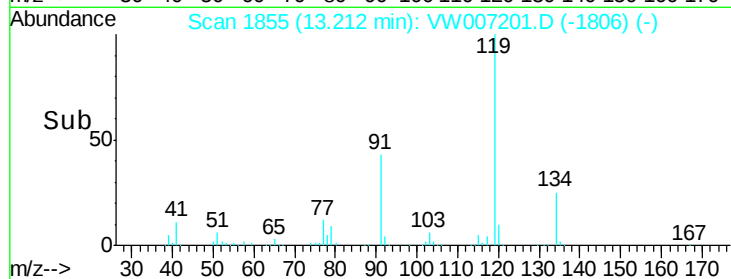
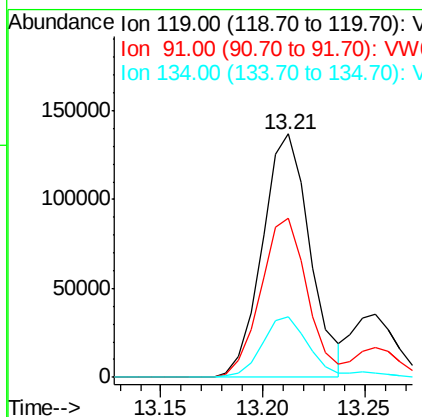
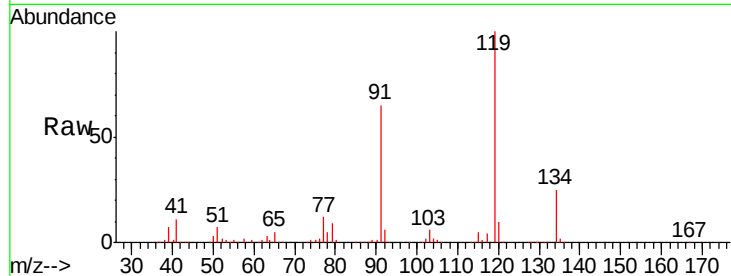
#83
tert-Butylbenzene
Concen: 47.298 ug/l
RT: 13.21 min Scan# 1855
Delta R.T. -0.00 min
Lab File: VW007201.D
Acq: 04 Dec 2018 21:11

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tgt Ion	Ratio	Resp	Lower	Upper
119	100	22358		
91	63.8	34.0	101.8	
134	25.6	13.2	39.5	

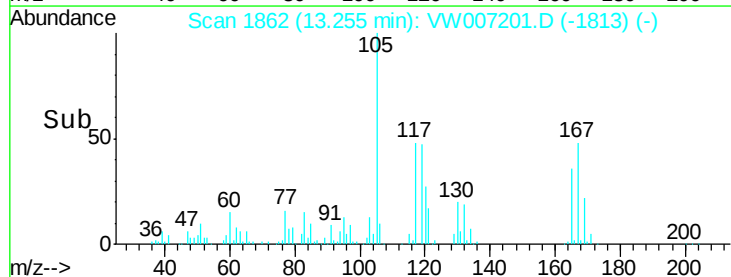
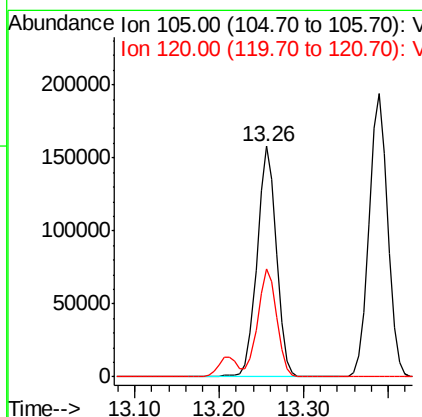
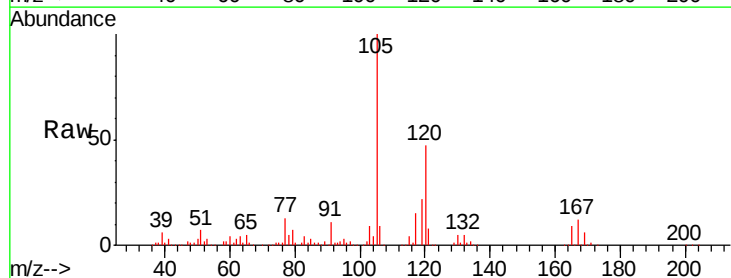
Manual Integrations
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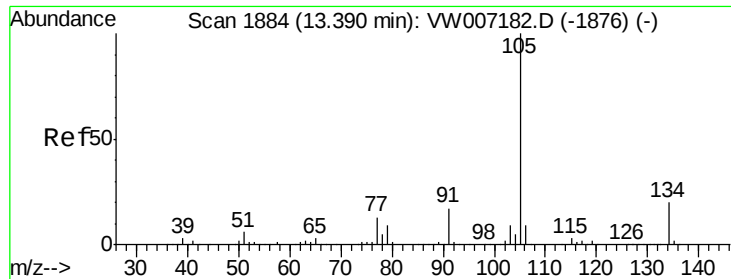
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#84
1,2,4-Trimethylbenzene
Concen: 44.707 ug/l
RT: 13.26 min Scan# 1862
Delta R.T. -0.00 min
Lab File: VW007201.D
Acq: 04 Dec 2018 21:11

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	246828		
120	45.5	21.1	63.3	





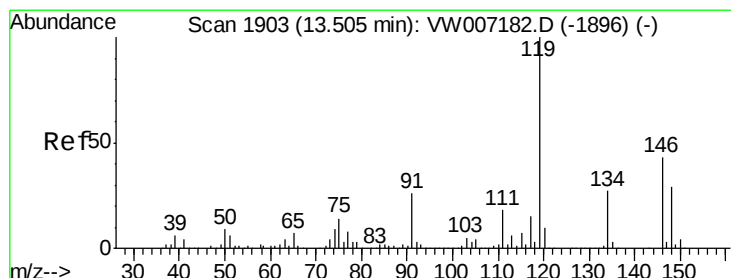
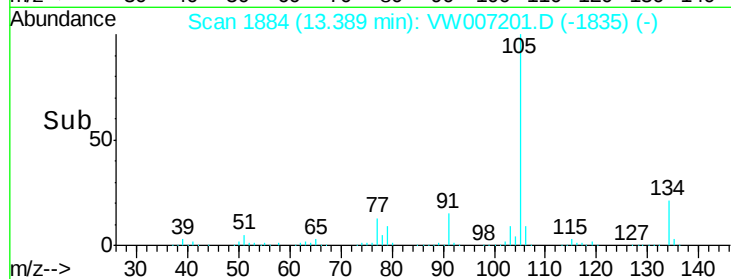
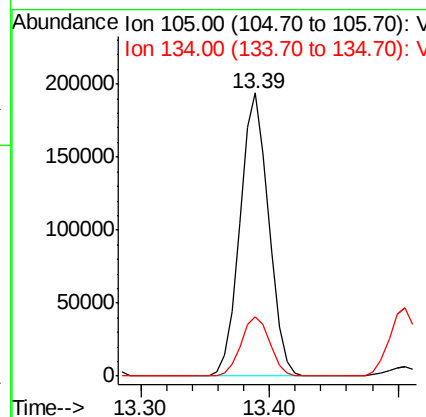
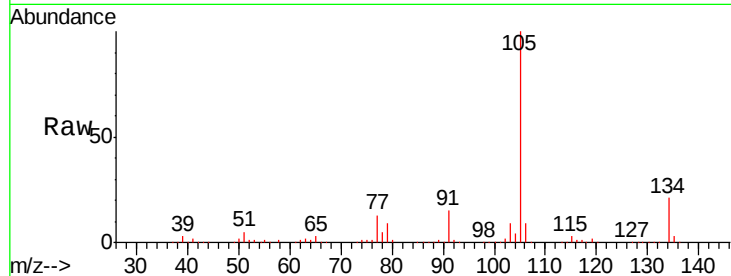
#85
 sec-Butylbenzene
 Concen: 44.254 ug/l
 RT: 13.39 min Scan# 1884
 Delta R.T. -0.00 min
 Lab File: VW007201.D
 Acq: 04 Dec 2018 21:11

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion:105 Resp: 298610
 Ion Ratio Lower Upper
 105 100
 134 20.9 10.3 30.8

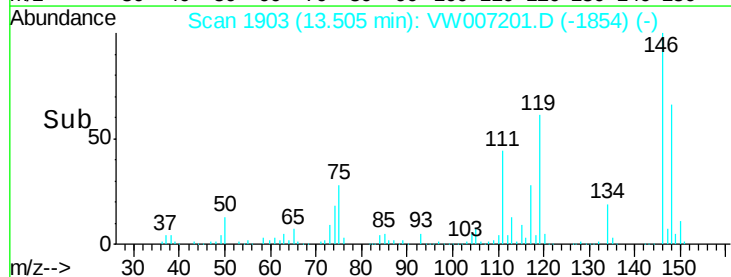
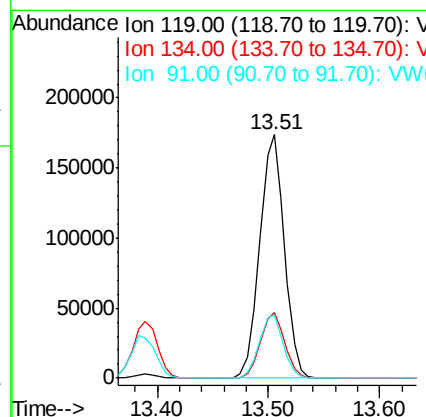
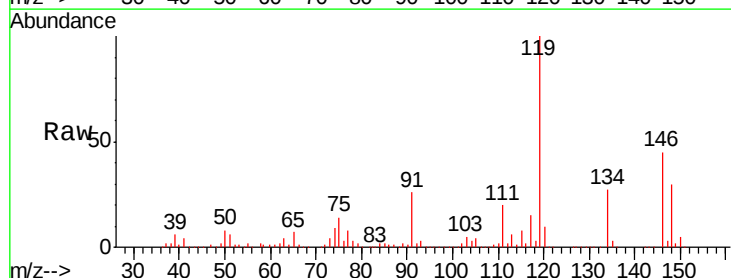
Manual Integrations
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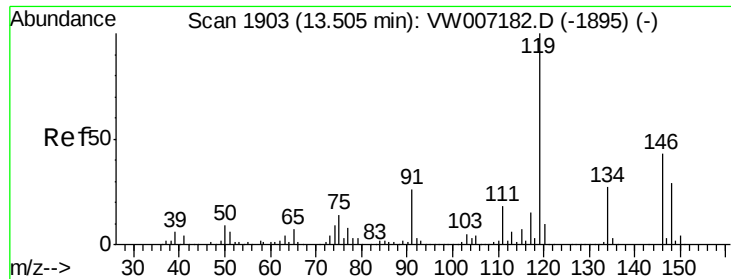
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#86
 p-Isopropyltoluene
 Concen: 44.623 ug/l
 RT: 13.51 min Scan# 1903
 Delta R.T. -0.00 min
 Lab File: VW007201.D
 Acq: 04 Dec 2018 21:11

Tgt Ion:119 Resp: 268041
 Ion Ratio Lower Upper
 119 100
 134 26.5 13.2 39.6
 91 25.1 12.4 37.2





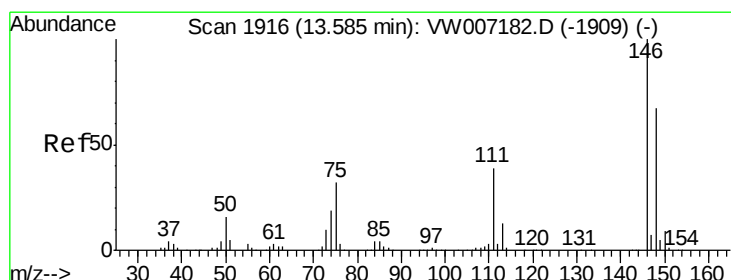
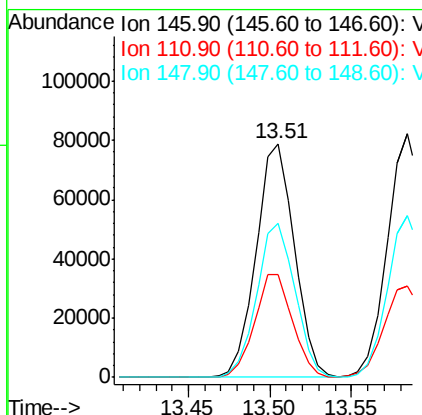
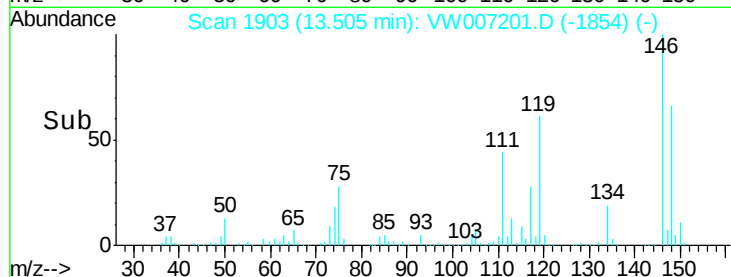
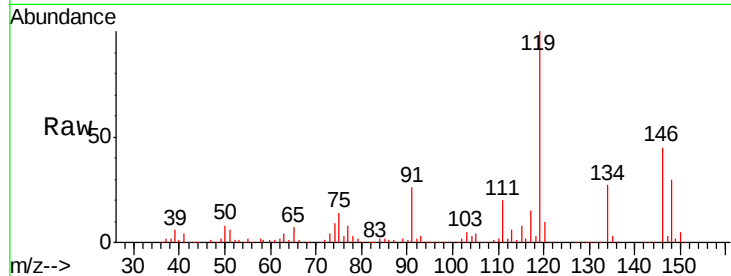
#87
 1,3-Dichlorobenzene
 Concen: 45.754 ug/l
 RT: 13.51 min Scan# 1903
 Delta R.T. -0.00 min
 Lab File: VW007201.D
 Acq: 04 Dec 2018 21:11

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion	Ratio	Lower	Upper
146	100		
111	43.7	21.1	63.4
148	65.9	32.8	98.4

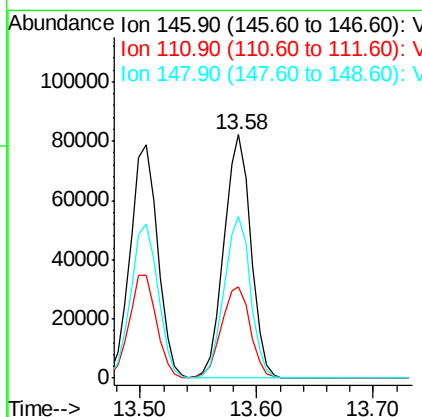
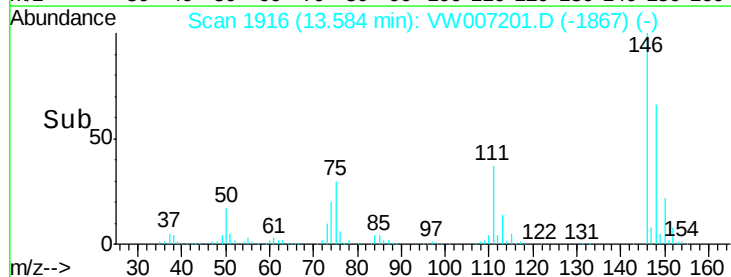
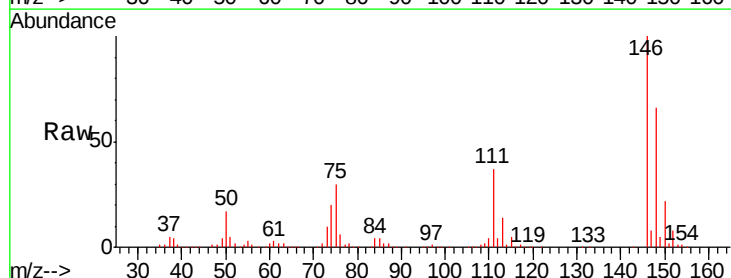
Manual Integrations
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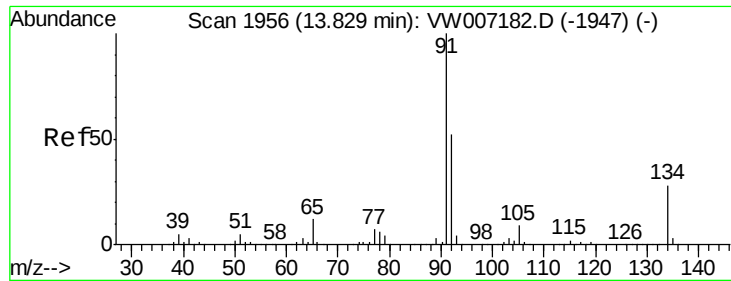
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#88
 1,4-Dichlorobenzene
 Concen: 46.478 ug/l
 RT: 13.58 min Scan# 1916
 Delta R.T. -0.00 min
 Lab File: VW007201.D
 Acq: 04 Dec 2018 21:11

Tgt Ion	Ratio	Lower	Upper
146	100		
111	40.2	19.6	58.8
148	65.5	32.6	98.0





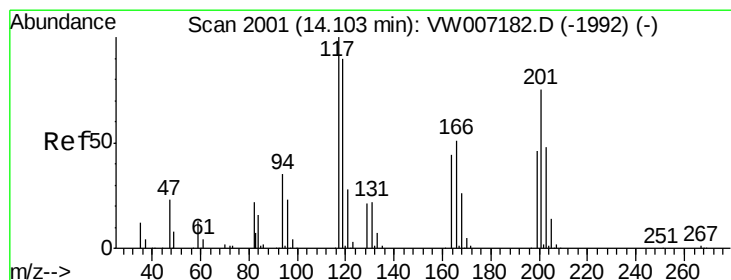
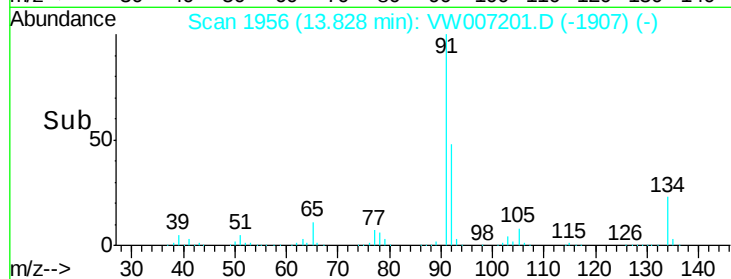
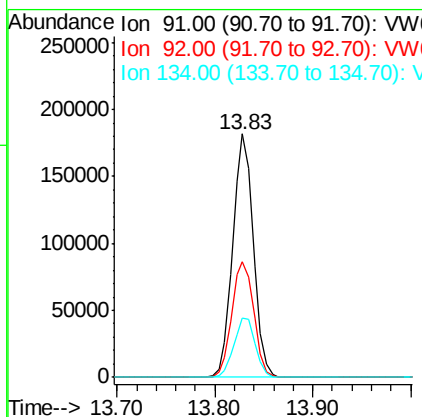
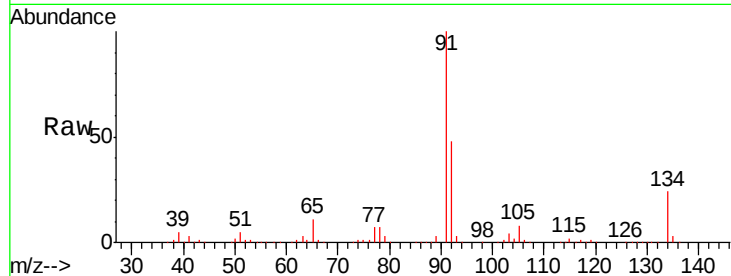
#89
n-Butylbenzene
Concen: 47.153 ug/l
RT: 13.83 min Scan# 1956
Delta R.T. -0.00 min
Lab File: VW007201.D
Acq: 04 Dec 2018 21:11

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tgt Ion	Ratio	Lower	Upper
91	100		
92	50.7	26.5	79.5
134	25.4	14.1	42.2

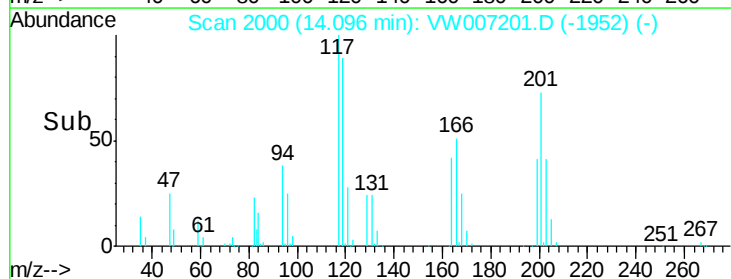
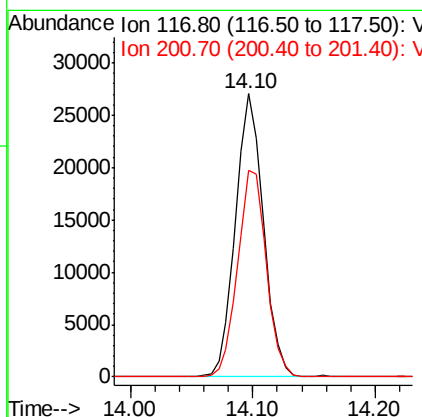
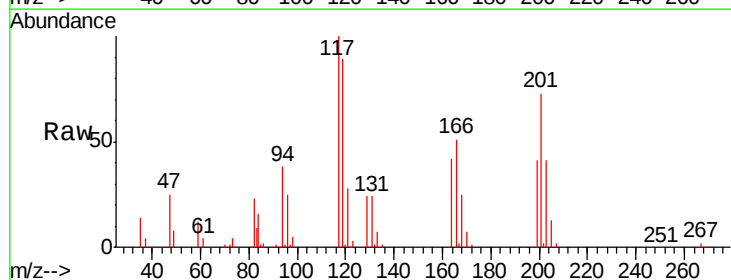
Manual Integrations
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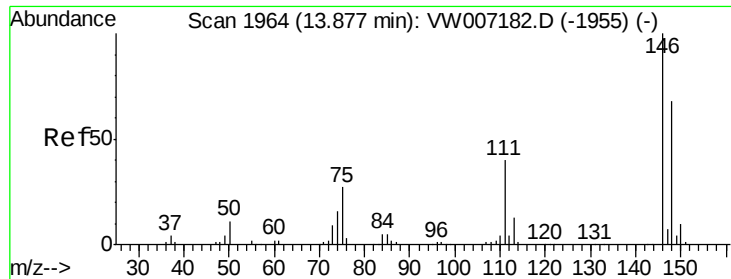
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#90
Hexachloroethane
Concen: 46.598 ug/l
RT: 14.10 min Scan# 2000
Delta R.T. -0.01 min
Lab File: VW007201.D
Acq: 04 Dec 2018 21:11

Tgt Ion	Ratio	Lower	Upper
117	100		
201	74.8	36.0	108.1





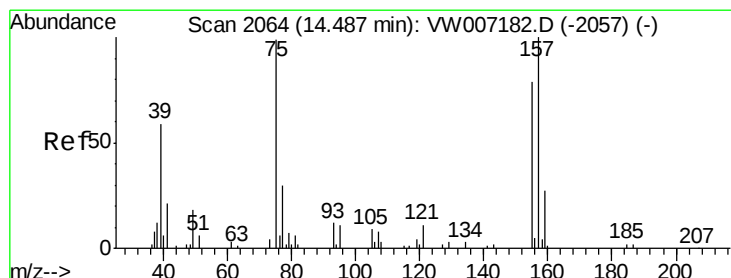
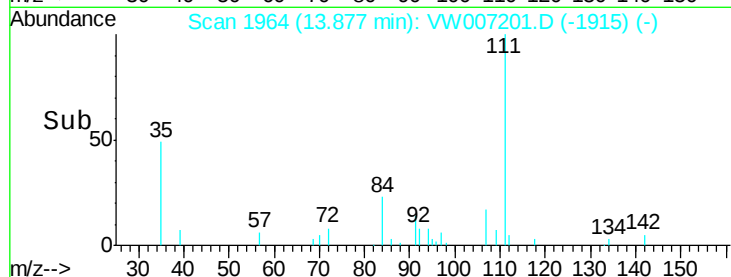
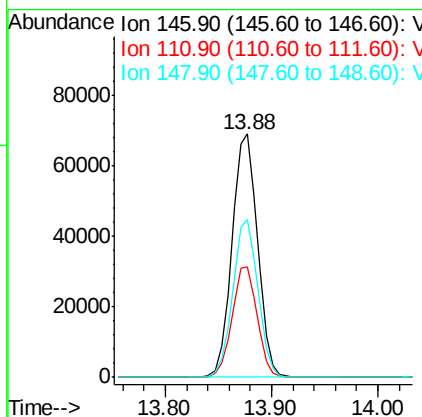
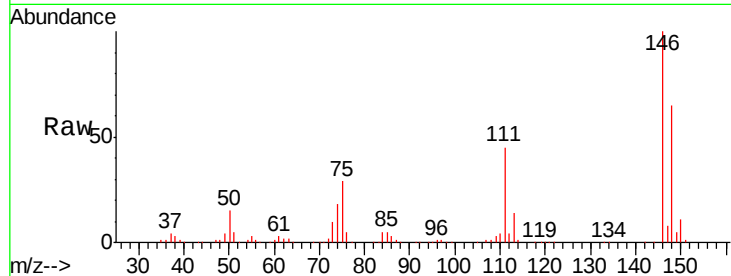
#91
 1,2-Dichlorobenzene
 Concen: 47.945 ug/l
 RT: 13.88 min Scan# 1964
 Delta R.T. -0.00 min
 Lab File: VW007201.D
 Acq: 04 Dec 2018 21:11

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion	Ratio	Lower	Upper
146	100		
111	44.6	21.6	65.0
148	64.1	32.7	98.1

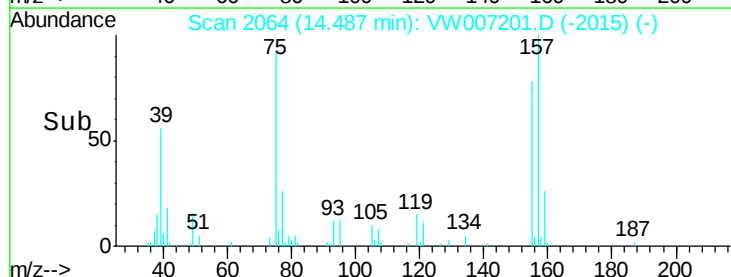
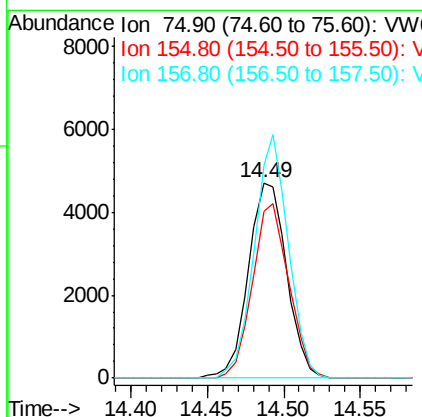
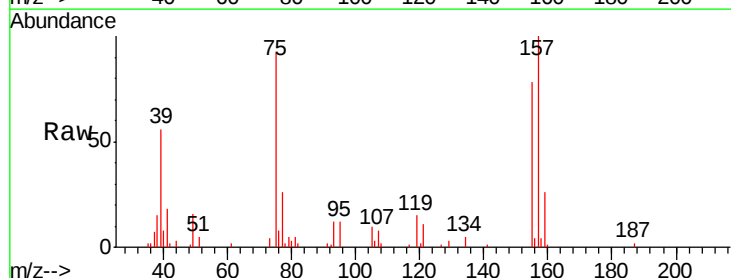
Manual Integrations
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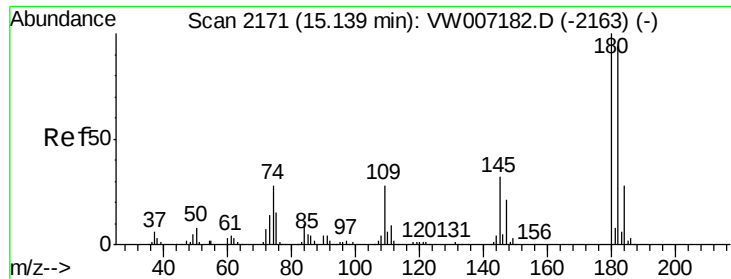
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 51.477 ug/l
 RT: 14.49 min Scan# 2064
 Delta R.T. -0.00 min
 Lab File: VW007201.D
 Acq: 04 Dec 2018 21:11

Tgt Ion	Ratio	Lower	Upper
75	100		
155	85.1	42.4	127.2
157	110.8	55.3	165.9





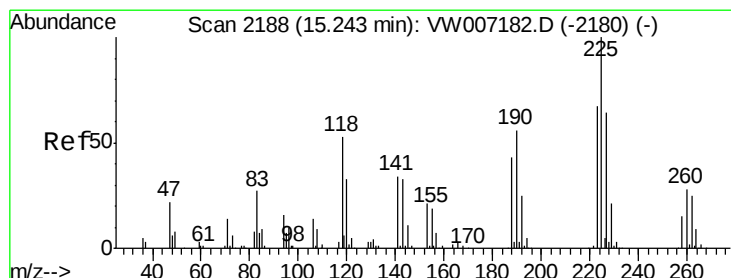
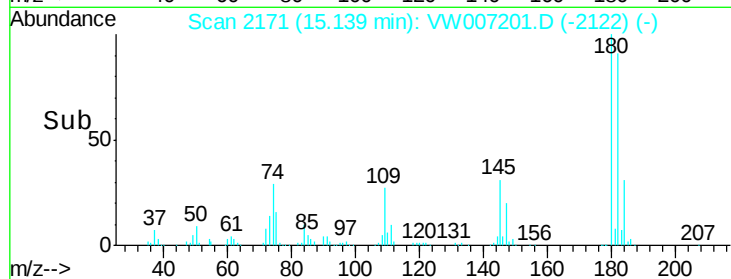
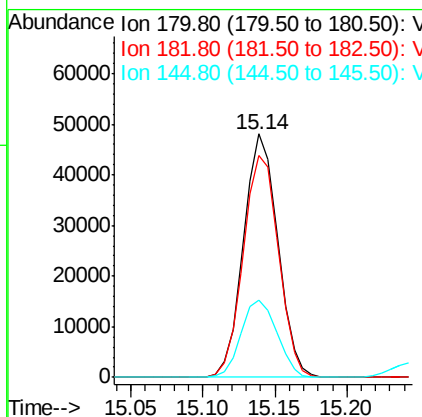
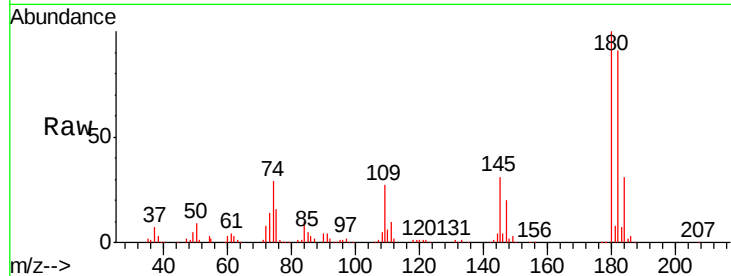
#93
 1,2,4-Trichlorobenzene
 Concen: 47.234 ug/l
 RT: 15.14 min Scan# 2171
 Delta R.T. -0.00 min
 Lab File: VW007201.D
 Acq: 04 Dec 2018 21:11

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion	Ratio	Lower	Upper
180	100		
182	93.8	47.9	143.8
145	33.3	16.6	49.7

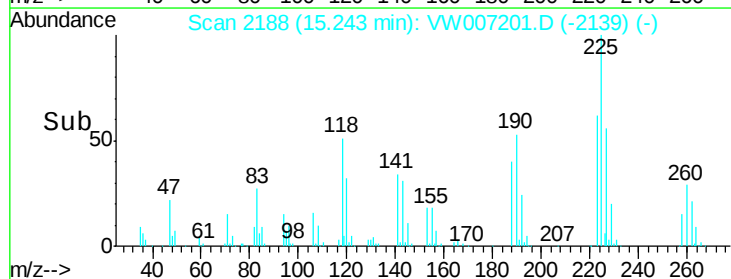
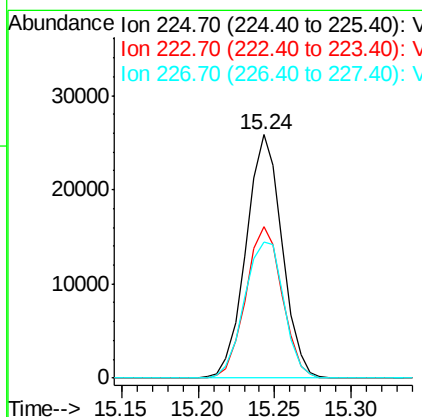
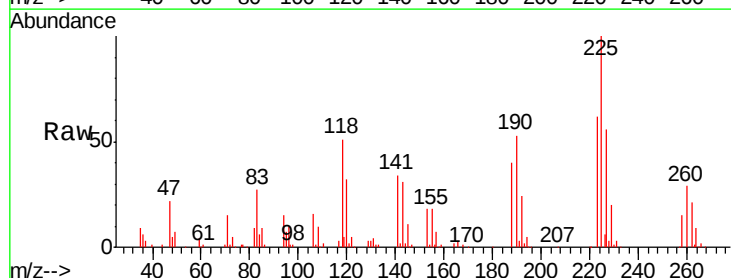
Manual Integrations
 APPROVED

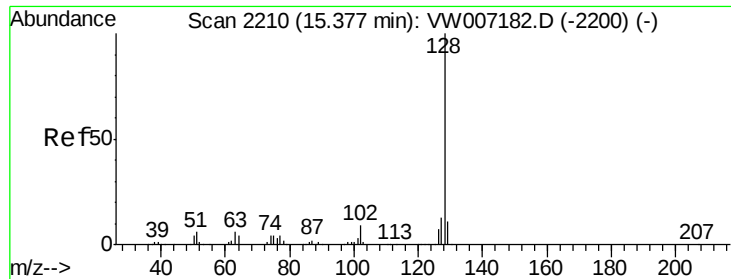
apatel
 12/5/2018 1:11:21 PM



#94
 Hexachlorobutadiene
 Concen: 46.628 ug/l
 RT: 15.24 min Scan# 2188
 Delta R.T. -0.00 min
 Lab File: VW007201.D
 Acq: 04 Dec 2018 21:11

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.1	32.3	96.8
227	61.3	32.1	96.3





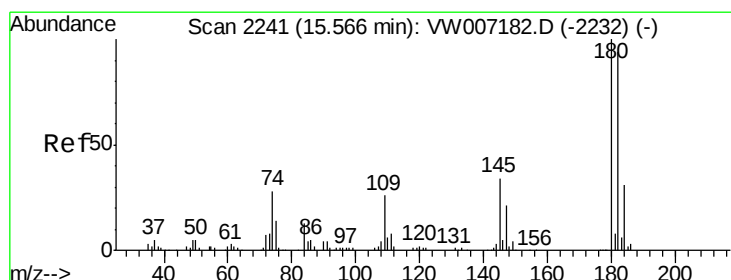
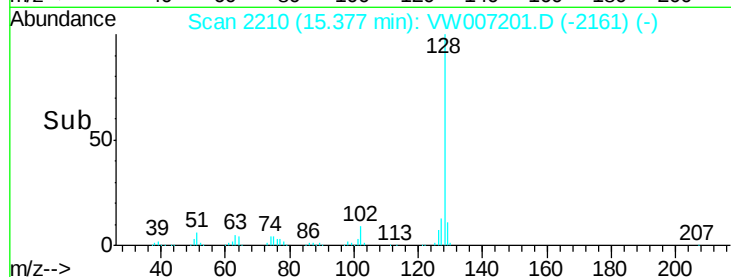
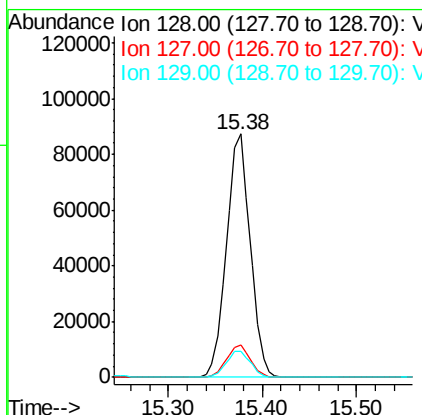
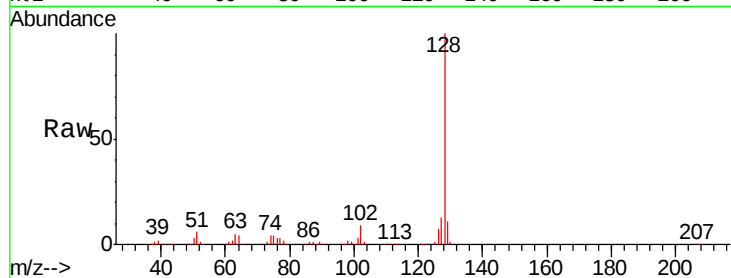
#95
Naphthalene
Concen: 50.670 ug/l
RT: 15.38 min Scan# 2210
Delta R.T. -0.00 min
Lab File: VW007201.D
Acq: 04 Dec 2018 21:11

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tgt Ion	Ratio	Lower	Upper
128	100		
127	13.3	10.3	15.5
129	11.1	8.6	13.0

Manual Integrations
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#96
1,2,3-Trichlorobenzene
Concen: 48.171 ug/l
RT: 15.57 min Scan# 2241
Delta R.T. -0.00 min
Lab File: VW007201.D
Acq: 04 Dec 2018 21:11

Tgt Ion	Ratio	Lower	Upper
180	100		
182	93.2	47.4	142.2
145	35.0	17.6	52.8

