

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW011419\
 Data File : VW008261.D
 Acq On : 14 Jan 2019 21:56
 Operator : SY/VA
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
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 1/15/2019 2:08:50 PM

Quant Time: Jan 14 22:36:23 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W010819S.M
 Quant Title : SW846 8260
 QLast Update : Wed Jan 09 04:40:48 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	95724	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	158038	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	146014	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	73257	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	51697	48.05	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.10%	
35) Dibromofluoromethane	7.88	113	51833	56.23	ug/l	0.00
Spiked Amount	50.000		Recovery	=	112.46%	
50) Toluene-d8	10.32	98	201833	52.18	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.36%	
62) 4-Bromofluorobenzene	12.62	95	70685	50.97	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.94%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.01	85	38572	49.373	ug/l	99
3) Chloromethane	2.21	50	45714	45.103	ug/l	93
4) Vinyl Chloride	2.37	62	60444	45.694	ug/l	97
5) Bromomethane	2.78	94	51145	51.613	ug/l	93
6) Chloroethane	2.92	64	40599	40.787	ug/l	99
7) Trichlorofluoromethane	3.26	101	49526	46.053	ug/l	94
8) Diethyl Ether	3.68	74	30901	50.828	ug/l	91
9) 1,1,2-Trichlorotrifluoroet	4.06	101	52839	49.488	ug/l	98
10) Methyl Iodide	4.26	142	81662	52.477	ug/l	100
11) Tert butyl alcohol	5.20	59	18676	287.401	ug/l #	100
12) 1,1-Dichloroethene	4.03	96	52531	50.111	ug/l	89
13) Acrolein	3.89	56	20218	282.468	ug/l	94
14) Allyl chloride	4.67	41	92250	48.469	ug/l	99
15) Acrylonitrile	5.37	53	65248	281.898	ug/l	99
16) Acetone	4.14	43	50475	262.026	ug/l	99
17) Carbon Disulfide	4.37	76	158625	48.439	ug/l	97
18) Methyl Acetate	4.67	43	42181	62.034	ug/l	100
19) Methyl tert-butyl Ether	5.43	73	87499	51.343	ug/l	97
20) Methylene Chloride	4.91	84	57193	54.419	ug/l	96
21) trans-1,2-Dichloroethene	5.42	96	59730	52.432	ug/l	94
22) Diisopropyl ether	6.31	45	185736	51.169	ug/l	99
23) Vinyl Acetate	6.25	43	507729	266.330	ug/l	97
24) 1,1-Dichloroethane	6.21	63	107620	50.885	ug/l	100
25) 2-Butanone	7.18	43	80544	269.075	ug/l	98
26) 2,2-Dichloropropane	7.16	77	65060	45.400	ug/l	97
27) cis-1,2-Dichloroethene	7.16	96	65058	52.343	ug/l	95
28) Bromochloromethane	7.51	49	42709	51.054	ug/l	94
29) Tetrahydrofuran	7.53	42	55162	275.875	ug/l	98
30) Chloroform	7.67	83	108298	53.796	ug/l	98
31) Cyclohexane	7.95	56	99724	44.045	ug/l	93
32) 1,1,1-Trichloroethane	7.87	97	90301	51.552	ug/l	99
36) 1,1-Dichloropropene	8.08	75	86362	53.050	ug/l	98
37) Ethyl Acetate	7.25	43	36995	56.723	ug/l	99
38) Carbon Tetrachloride	8.07	117	82466	55.345	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	104497	50.623	ug/l	95
40) Benzene	8.32	78	244623	55.401	ug/l	96
41) Methacrylonitrile	7.49	41	24189	58.712	ug/l	95
42) 1,2-Dichloroethane	8.40	62	68851	55.441	ug/l	100
43) Isopropyl Acetate	8.42	43	75591	57.968	ug/l	97
44) Trichloroethene	9.09	130	64364	56.944	ug/l	99
45) 1,2-Dichloropropane	9.37	63	60643	55.390	ug/l	94
46) Dibromomethane	9.46	93	32182	59.853	ug/l	94
47) Bromodichloromethane	9.65	83	78640	57.600	ug/l	95
48) Methyl methacrylate	9.43	41	35327	57.413	ug/l	91
49) 1,4-Dioxane	9.47	88	10544	1219.389	ug/l #	99
51) 4-Methyl-2-Pentanone	10.21	43	190117	301.193	ug/l	100
52) Toluene	10.39	92	156339	55.442	ug/l	99
53) t-1,3-Dichloropropene	10.60	75	80186	56.463	ug/l	98
54) cis-1,3-Dichloropropene	10.07	75	93298	55.402	ug/l	97
55) 1,1,2-Trichloroethane	10.79	97	46105	61.074	ug/l	95
56) Ethyl methacrylate	10.65	69	57085	61.061	ug/l	98
57) 1,3-Dichloropropane	10.93	76	80038	57.972	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.93	63	136547	282.755	ug/l	96
59) 2-Hexanone	10.97	43	128342	300.668	ug/l	98
60) Dibromochloromethane	11.13	129	52703	63.576	ug/l	95
61) 1,2-Dibromoethane	11.24	107	44510	62.138	ug/l	100
64) Tetrachloroethene	10.86	164	54209	57.047	ug/l	97
65) Chlorobenzene	11.66	112	171084	55.306	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.73	131	58189	57.834	ug/l	99
67) Ethyl Benzene	11.73	91	300688	53.124	ug/l	98
68) m/p-Xylenes	11.84	106	234441	108.518	ug/l	96
69) o-Xylene	12.17	106	110845	55.405	ug/l	96
70) Styrene	12.18	104	179248	57.202	ug/l	99
71) Bromoform	12.35	173	30720	68.221	ug/l #	95
73) Isopropylbenzene	12.47	105	298543	51.908	ug/l	100
74) N-amyl acetate	12.27	43	69408	54.495	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.72	83	53204	57.794	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	37744m	56.518	ug/l	
77) Bromobenzene	12.75	156	69602	57.274	ug/l	89
78) n-propylbenzene	12.80	91	356306	50.561	ug/l	99
79) 2-Chlorotoluene	12.90	91	199379	50.712	ug/l	98
80) 1,3,5-Trimethylbenzene	12.94	105	245561	51.957	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.52	75	16105	56.159	ug/l	99
82) 4-Chlorotoluene	12.99	91	206600	49.894	ug/l	96
83) tert-Butylbenzene	13.21	119	215400	51.516	ug/l	97
84) 1,2,4-Trimethylbenzene	13.26	105	243601	49.974	ug/l	97
85) sec-Butylbenzene	13.39	105	302200	49.340	ug/l	98
86) p-Isopropyltoluene	13.50	119	273850	51.776	ug/l	98
87) 1,3-Dichlorobenzene	13.51	146	135367	54.912	ug/l	97
88) 1,4-Dichlorobenzene	13.58	146	131639	53.224	ug/l	97
89) n-Butylbenzene	13.83	91	259336	50.063	ug/l	98
90) Hexachloroethane	14.10	117	48729	54.546	ug/l	89
91) 1,2-Dichlorobenzene	13.87	146	120493	55.616	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	8476	57.211	ug/l	88

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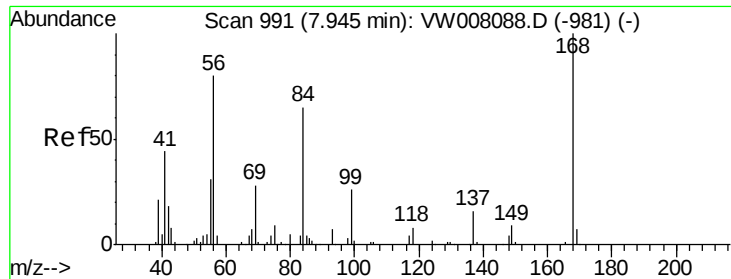
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.14	180	81266	56.498	ug/l	94
94) Hexachlorobutadiene	15.24	225	44527	57.836	ug/l	100
95) Naphthalene	15.37	128	155811	58.013	ug/l	99
96) 1,2,3-Trichlorobenzene	15.56	180	70377	57.395	ug/l	97

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.00 min

Lab File: VW008261.D

Acq: 14 Jan 2019 21:56

Instrument :

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ClientSampleId :

VSTDCCC050EC

Tot Ion:168 Resp: 95724

Ion Ratio Lower Upper

168 100

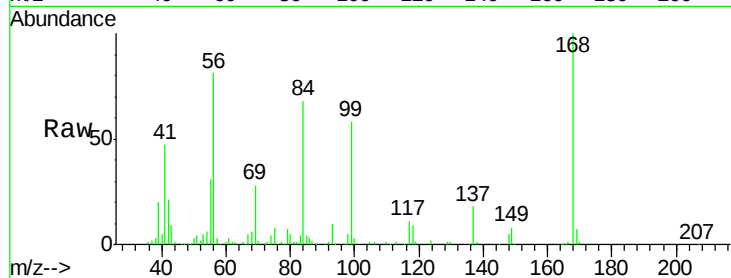
99 57.3 52.6 78.8

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

40000

30000

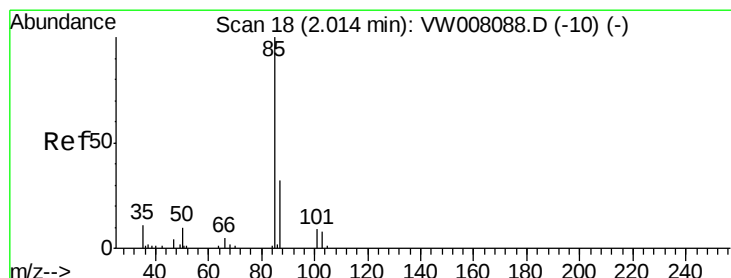
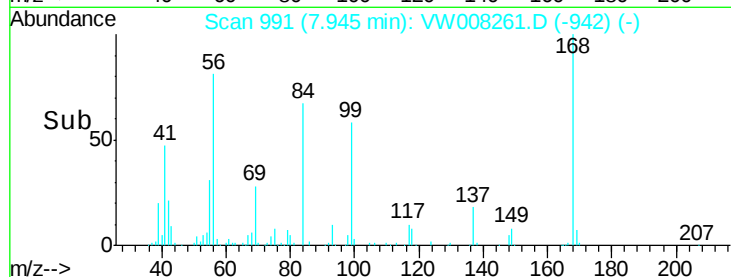
20000

10000

0

7.85 7.90 7.95 8.00 8.05

Time-->



#2

Dichlorodifluoromethane

Concen: 49.373 ug/l

RT: 2.01 min Scan# 17

Delta R.T. -0.01 min

Lab File: VW008261.D

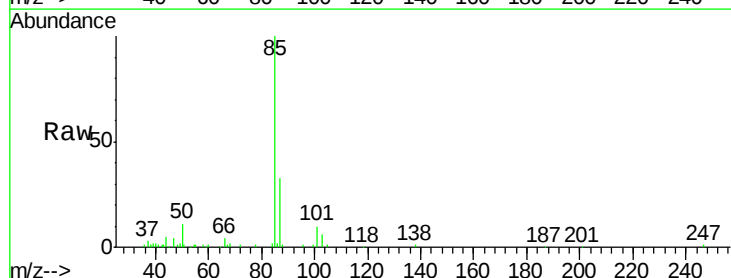
Acq: 14 Jan 2019 21:56

Tgt Ion: 85 Resp: 38572

Ion Ratio Lower Upper

85 100

87 32.8 16.1 48.3



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW

2.01

15000

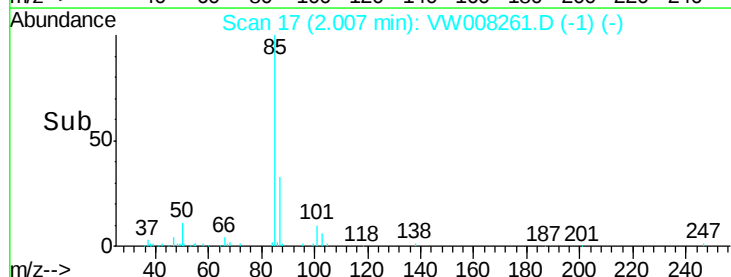
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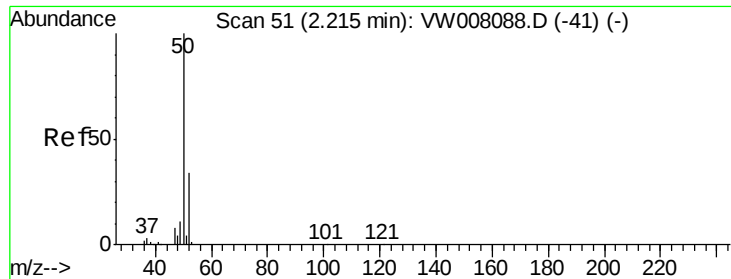
5000

0

1.90 2.00 2.10 2.20

Time-->





#3

Chloromethane

Concen: 45.103 ug/l

RT: 2.21 min Scan# 51

Delta R.T. -0.00 min

Lab File: VW008261.D

Acq: 14 Jan 2019 21:56

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

Tot Ion: 50 Resp: 45714

Ion Ratio Lower Upper

50 100

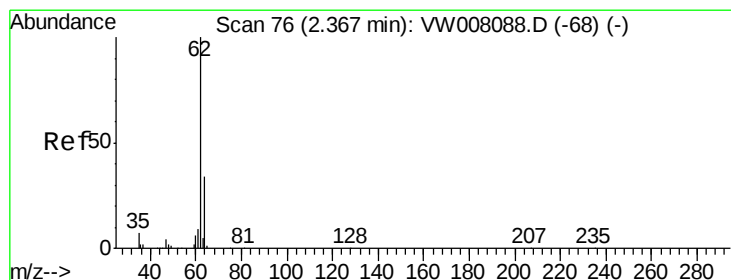
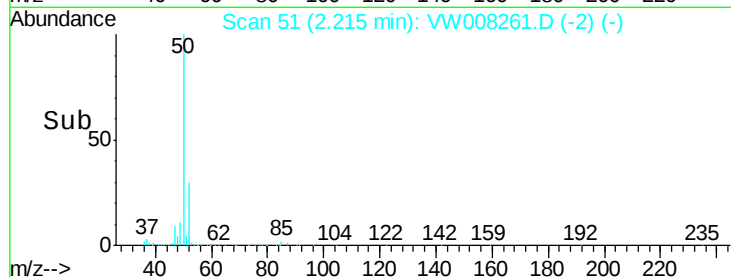
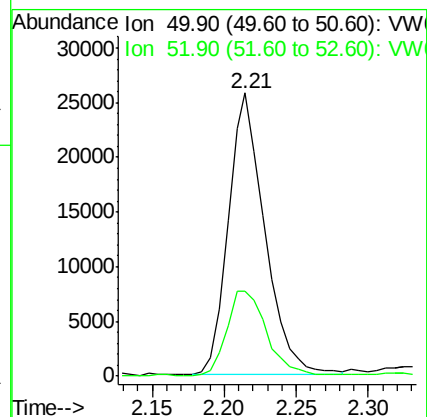
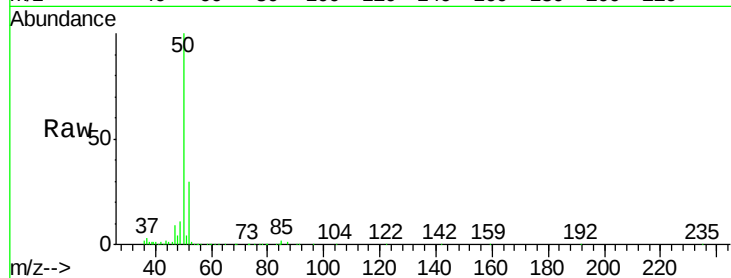
52 29.7 26.8 40.2

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#4

Vinyl Chloride

Concen: 45.694 ug/l

RT: 2.37 min Scan# 76

Delta R.T. -0.00 min

Lab File: VW008261.D

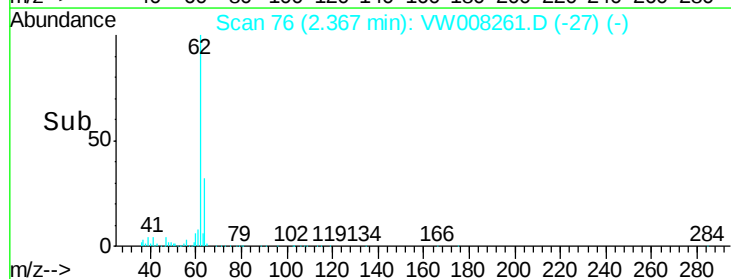
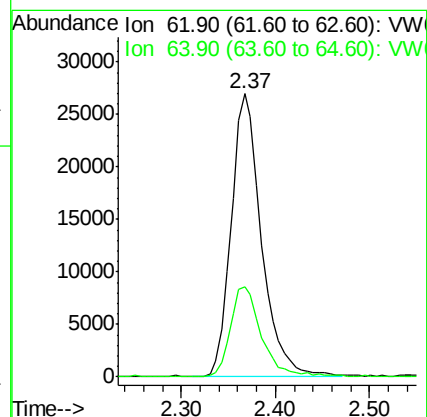
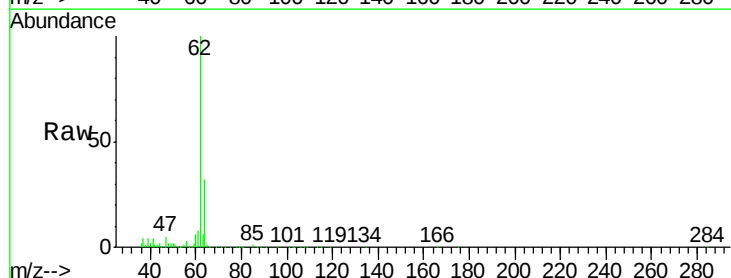
Acq: 14 Jan 2019 21:56

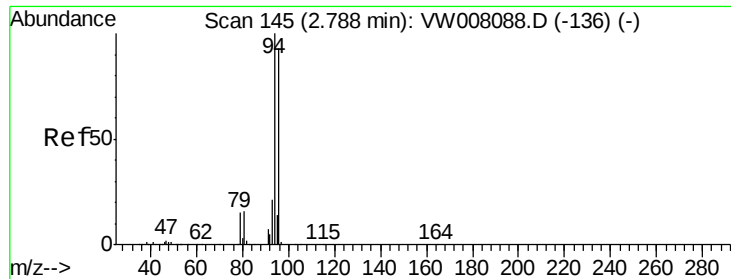
Tgt Ion: 62 Resp: 60444

Ion Ratio Lower Upper

62 100

64 31.8 27.0 40.6





#5

Bromomethane

Concen: 51.613 ug/l

RT: 2.78 min Scan# 144

Delta R.T. -0.01 min

Lab File: VW008261.D

Acq: 14 Jan 2019 21:56

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

Tot Ion: 94 Resp: 51145

Ion Ratio Lower Upper

94 100

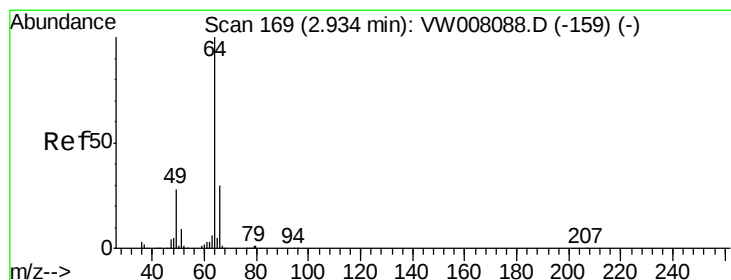
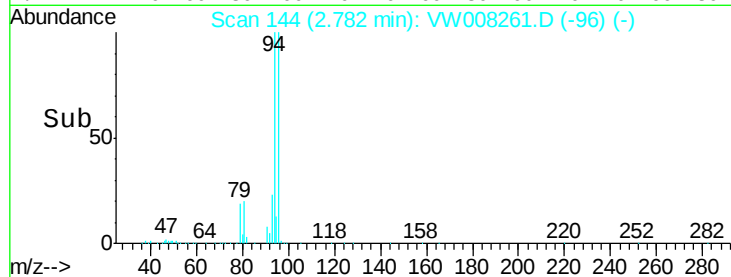
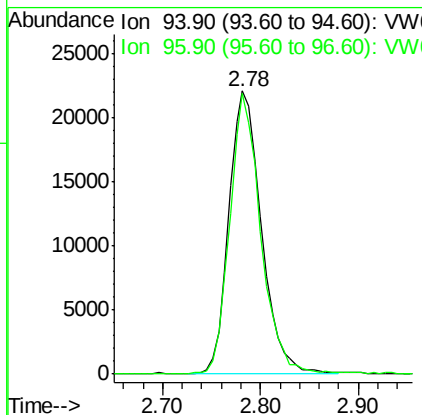
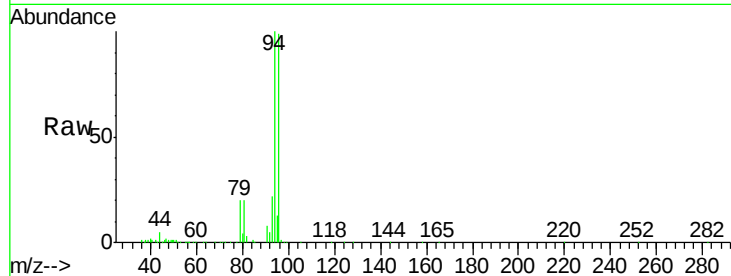
96 99.2 74.1 111.1

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#6

Chloroethane

Concen: 40.787 ug/l

RT: 2.92 min Scan# 167

Delta R.T. -0.01 min

Lab File: VW008261.D

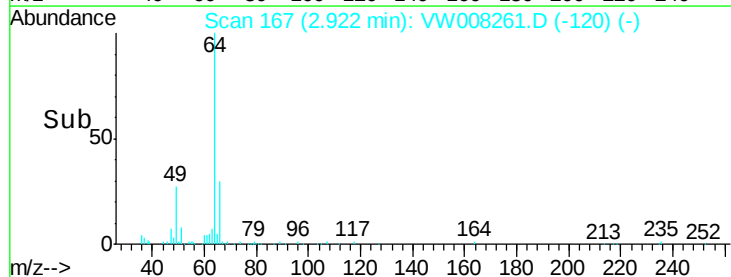
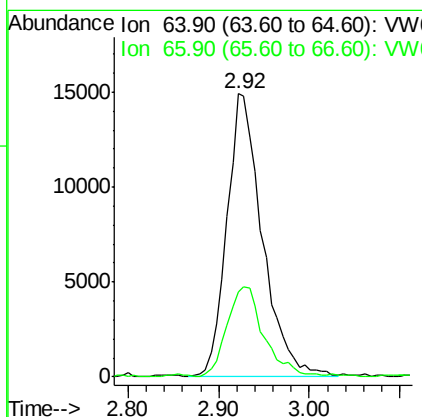
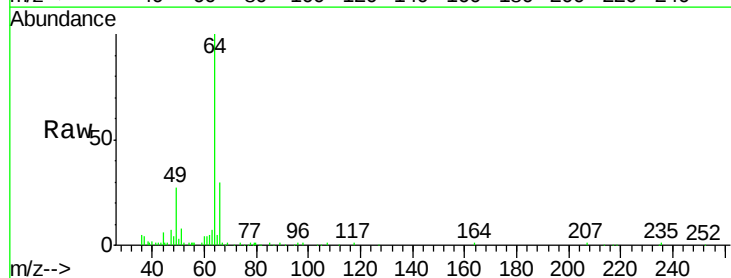
Acq: 14 Jan 2019 21:56

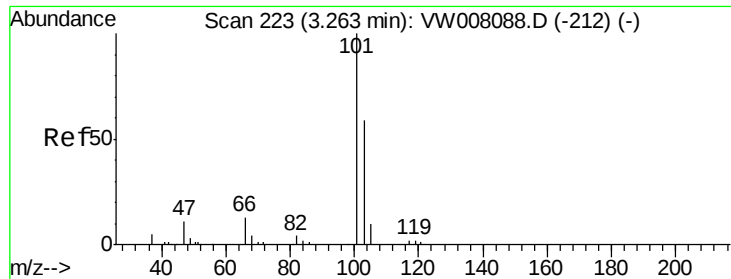
Tgt Ion: 64 Resp: 40599

Ion Ratio Lower Upper

64 100

66 29.8 24.2 36.2





#7

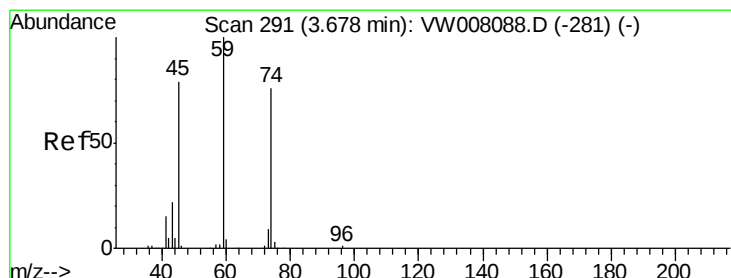
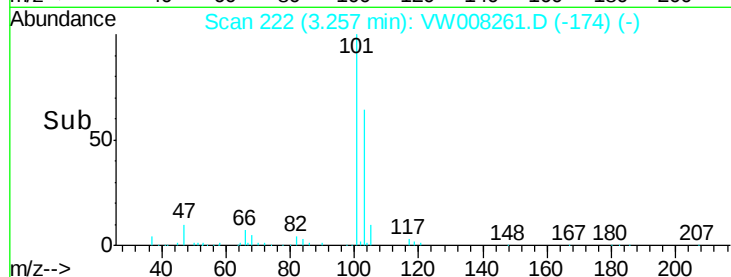
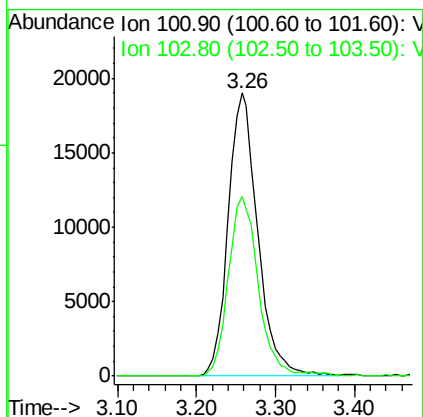
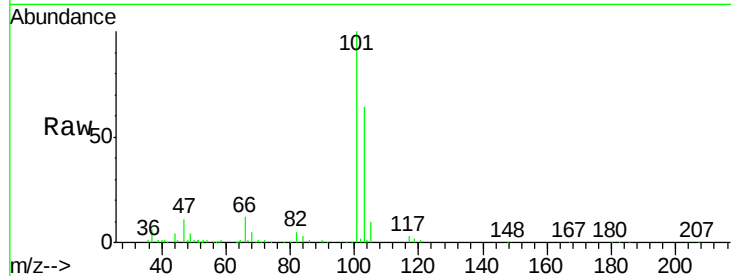
Trichlorofluoromethane
 Concen: 46.053 ug/l
 RT: 3.26 min Scan# 222
 Delta R.T. -0.01 min
 Lab File: VW008261.D
 Acq: 14 Jan 2019 21:56

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 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
101	100		
103	63.7	47.0	70.6

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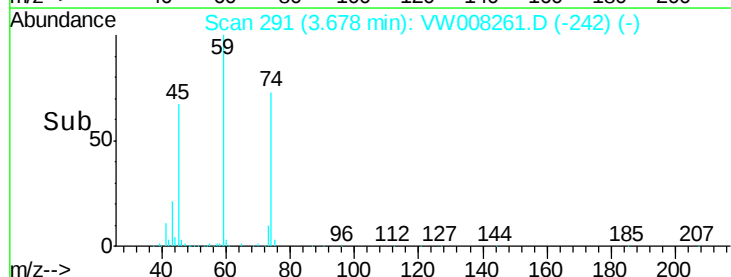
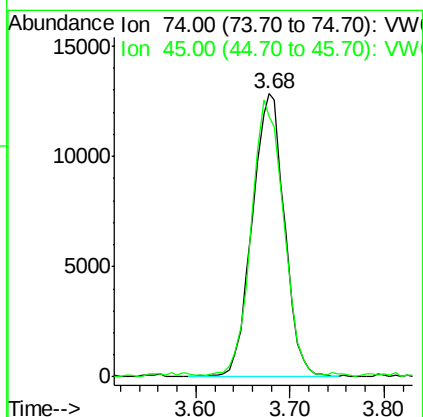
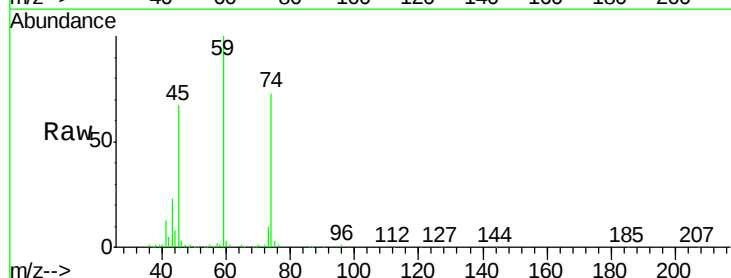
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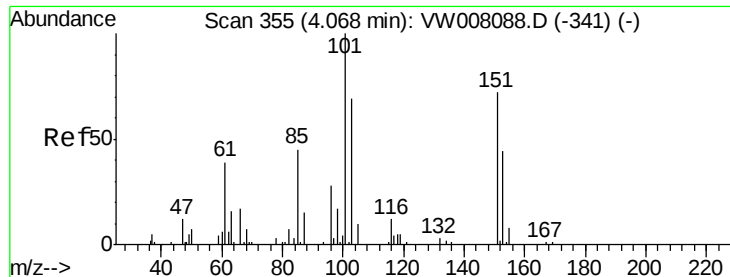


#8

Diethyl Ether
 Concen: 50.828 ug/l
 RT: 3.68 min Scan# 291
 Delta R.T. -0.00 min
 Lab File: VW008261.D
 Acq: 14 Jan 2019 21:56

Tgt Ion	Ratio	Lower	Upper
74	100		
45	96.1	52.4	157.3





#9

1,1,2-Trichlorotrifluoroethane

Concen: 49.488 ug/l

RT: 4.06 min Scan# 353

Delta R.T. -0.01 min

Lab File: VW008261.D

Acq: 14 Jan 2019 21:56

Instrument :

MSVOA_W

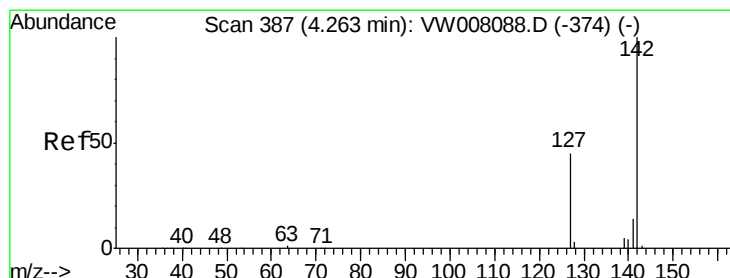
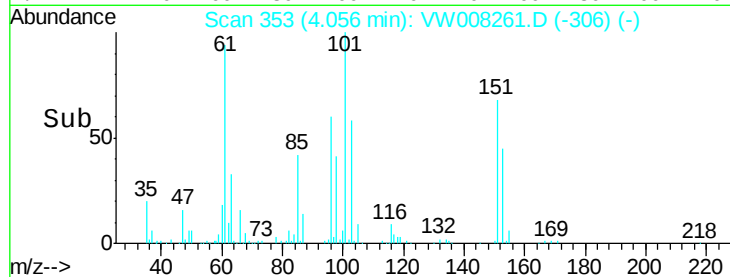
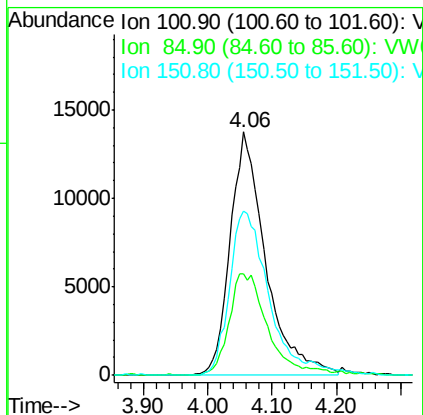
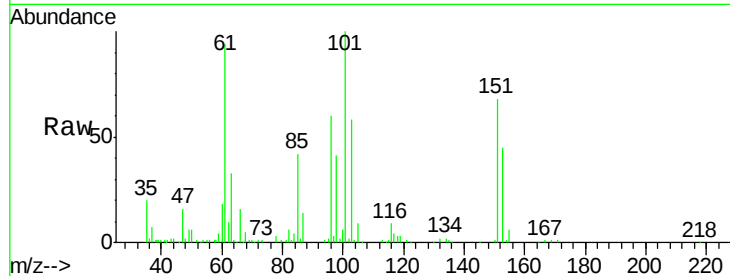
ClientSampled :

VSTDCCC050EC

Tot Ion:	101	Resp:	52839
Ion Ratio	Lower	Upper	
101	100		
85	45.5	35.9	53.9
151	71.8	55.8	83.8

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#10

Methyl Iodide

Concen: 52.477 ug/l

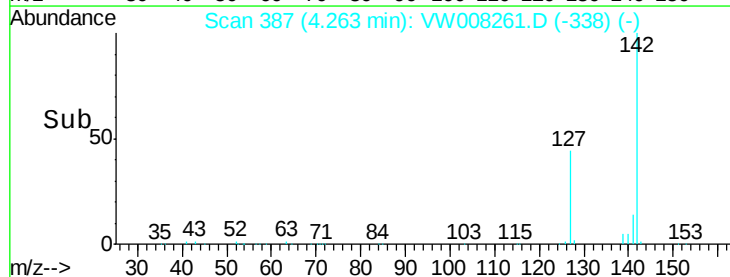
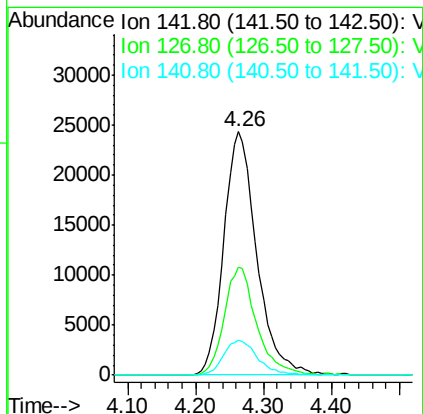
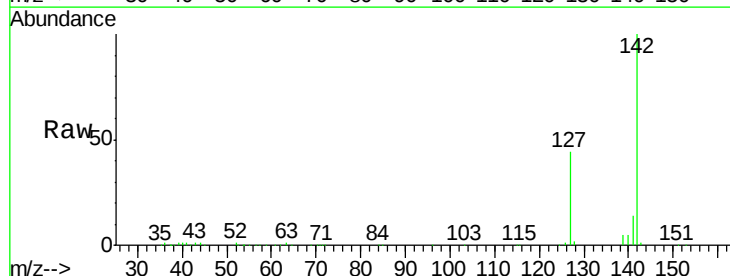
RT: 4.26 min Scan# 387

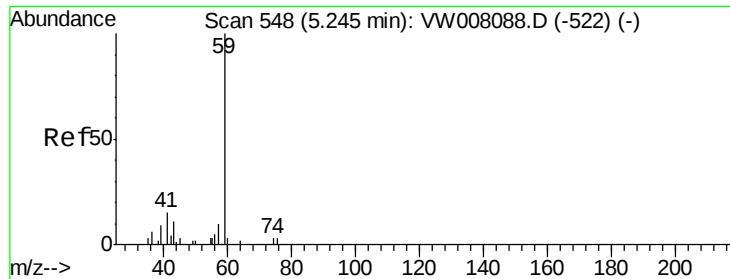
Delta R.T. -0.00 min

Lab File: VW008261.D

Acq: 14 Jan 2019 21:56

Tgt Ion:	142	Resp:	81662
Ion Ratio	Lower	Upper	
142	100		
127	43.6	35.0	52.4
141	14.9	11.8	17.6





#11

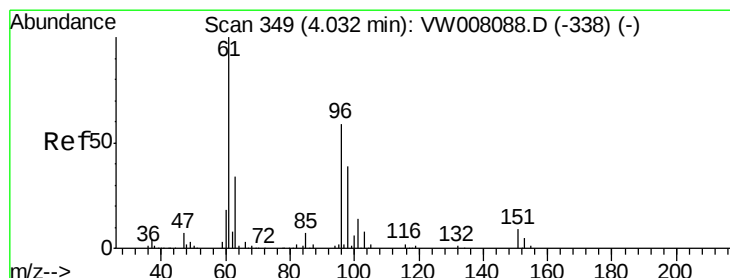
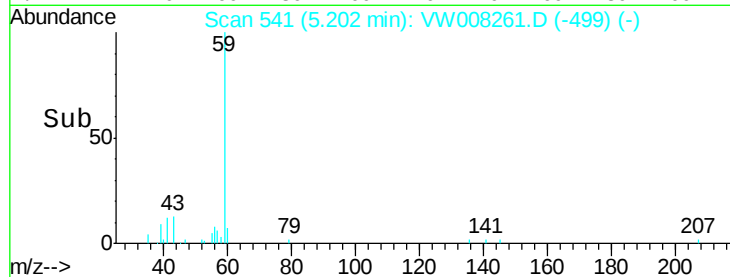
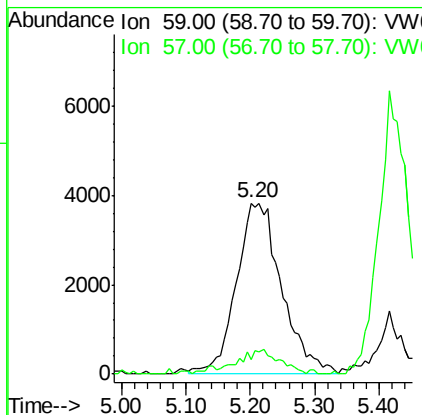
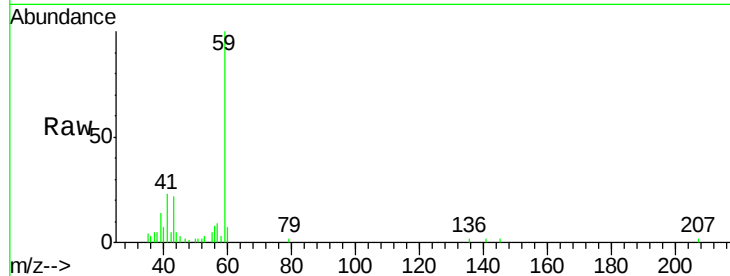
Tert butyl alcohol
Concen: 287.401 ug/l
RT: 5.20 min Scan# 541
Delta R.T. -0.04 min
Lab File: VW008261.D
Acq: 14 Jan 2019 21:56

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion	59	57	Ratio	100	12.7	Resp	18676	Lower	Upper
59	100								
57		12.7					0.0	0.0#	

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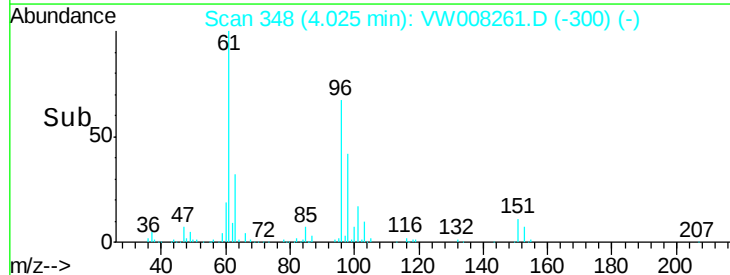
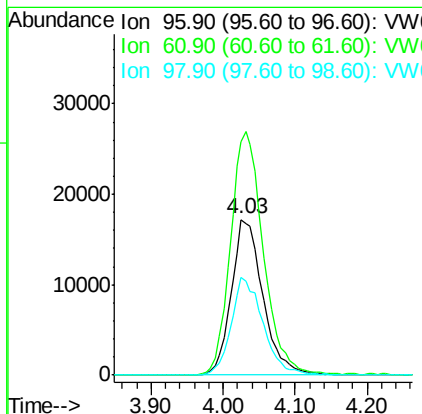
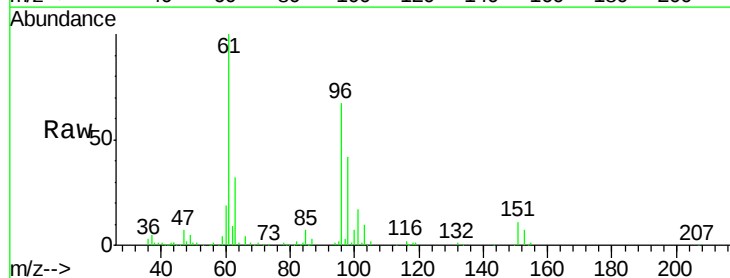
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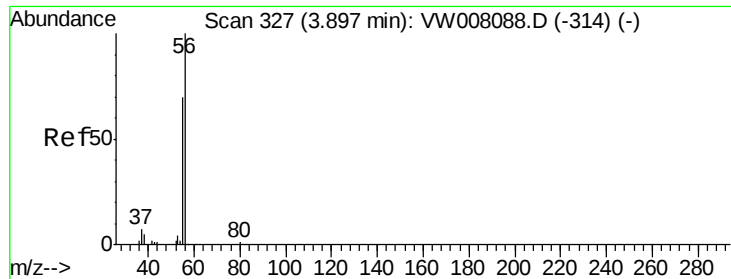


#12

1,1-Dichloroethene
Concen: 50.111 ug/l
RT: 4.03 min Scan# 348
Delta R.T. -0.01 min
Lab File: VW008261.D
Acq: 14 Jan 2019 21:56

Tgt Ion	96	61	98	Ratio	100	149.9	63.3	Resp	52531	Lower	Upper
96	100										
61		149.9								135.4	203.2
98			63.3							52.5	78.7





#13

Acrolein

Concen: 282.468 ug/l

RT: 3.89 min Scan# 326

Delta R.T. -0.01 min

Lab File: VW008261.D

Acq: 14 Jan 2019 21:56

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

Tot Ion: 56 Resp: 20218

Ion Ratio Lower Upper

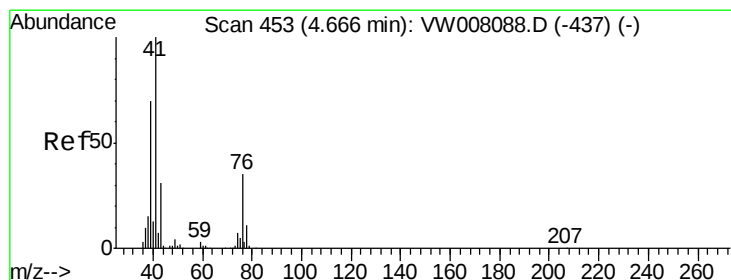
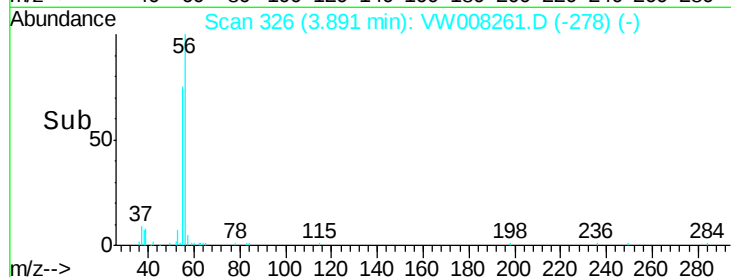
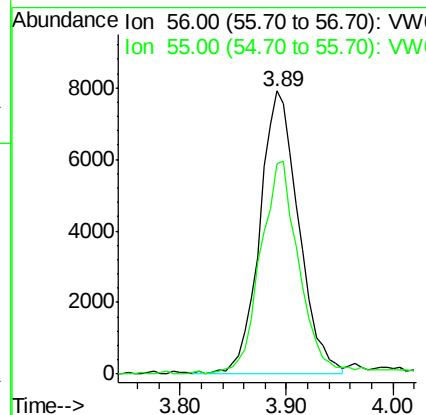
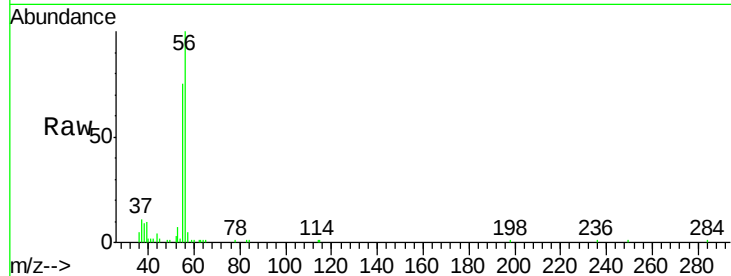
56 100

55 75.6 56.6 84.8

Manual Integrations
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#14

Allyl chloride

Concen: 48.469 ug/l

RT: 4.67 min Scan# 453

Delta R.T. -0.00 min

Lab File: VW008261.D

Acq: 14 Jan 2019 21:56

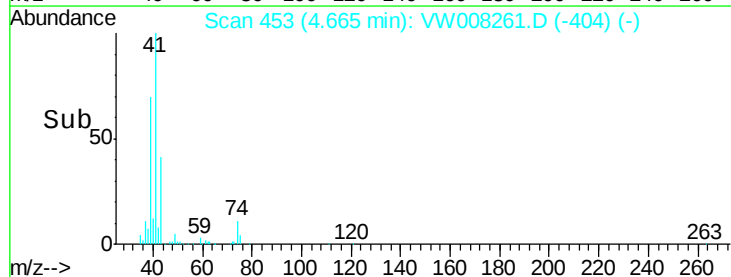
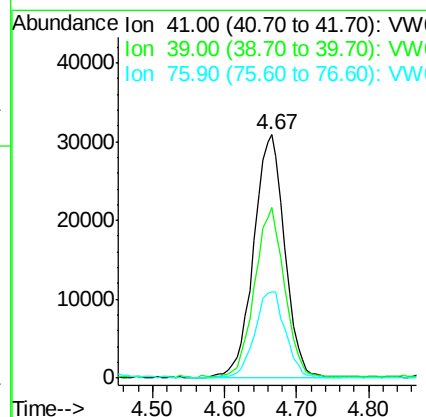
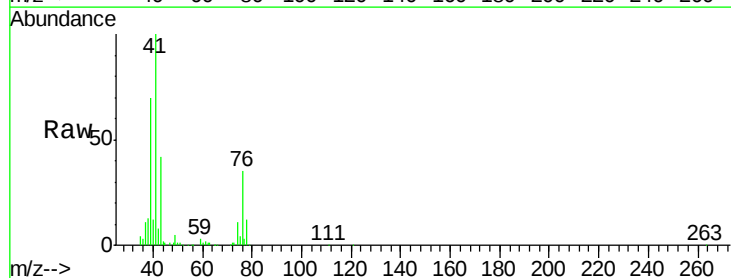
Tgt Ion: 41 Resp: 92250

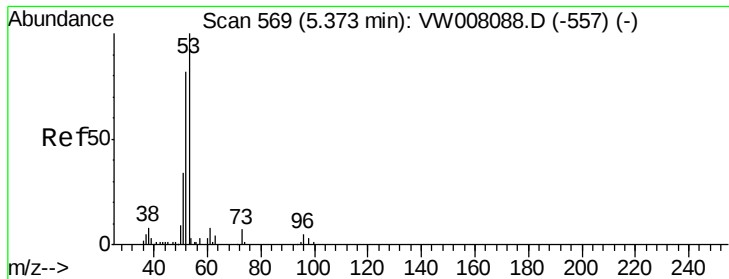
Ion Ratio Lower Upper

41 100

39 66.3 53.8 80.8

76 35.3 27.6 41.4





#15

Acrylonitrile

Concen: 281.898 ug/l

RT: 5.37 min Scan# 569

Delta R.T. -0.00 min

Lab File: VW008261.D

Acq: 14 Jan 2019 21:56

Instrument :

MSVOA_W

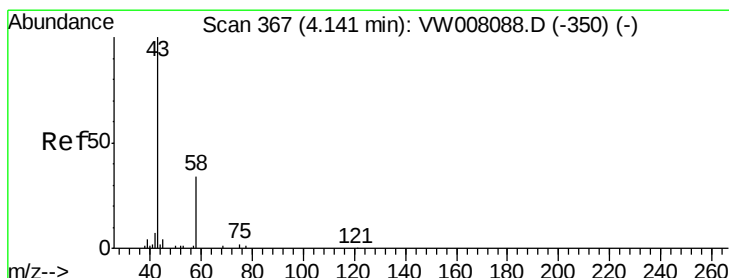
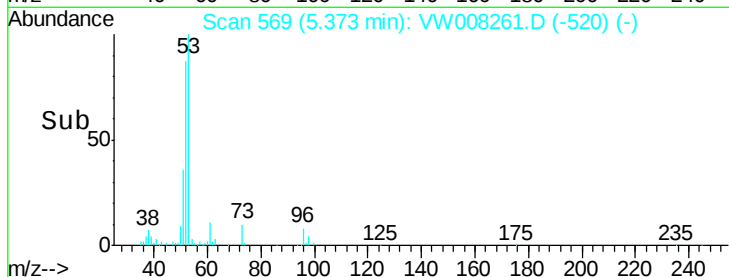
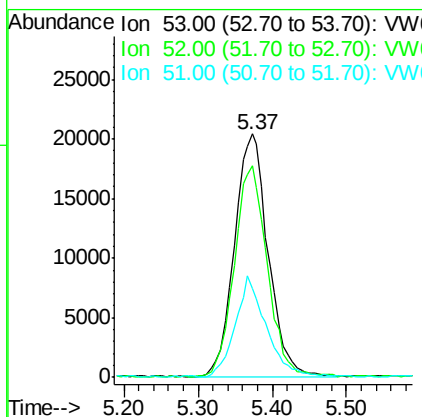
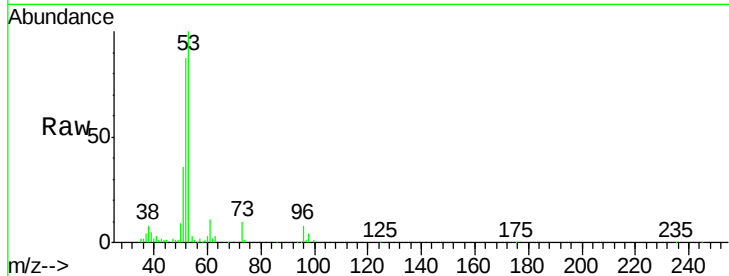
ClientSampleId :

VSTDCCC050EC

Tot Ion:	53	Resp:	65248
Ion	Ratio	Lower	Upper
53	100		
52	84.3	66.8	100.2
51	37.7	29.7	44.5

Manual Integrations
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#16

Acetone

Concen: 262.026 ug/l

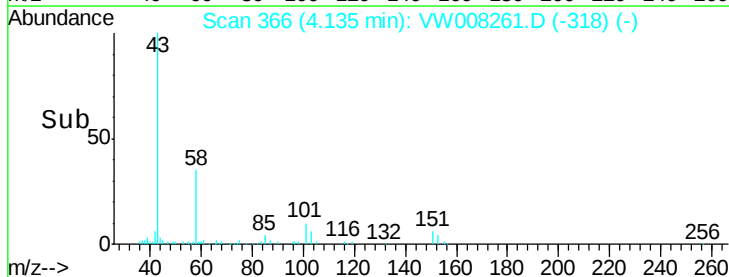
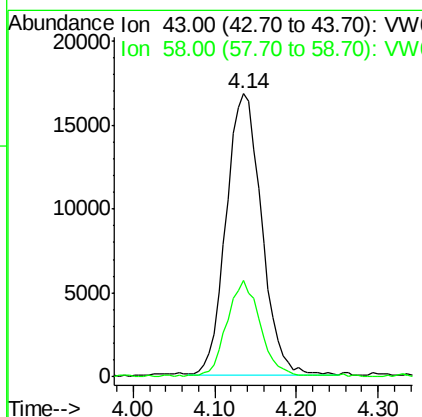
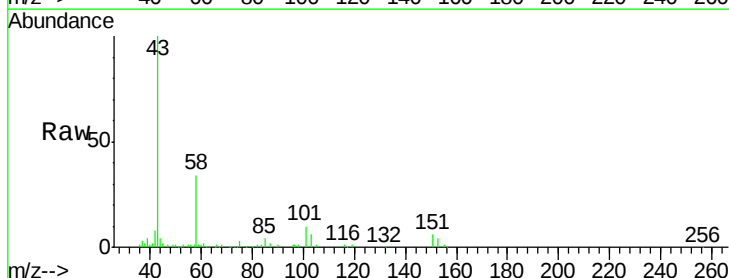
RT: 4.14 min Scan# 366

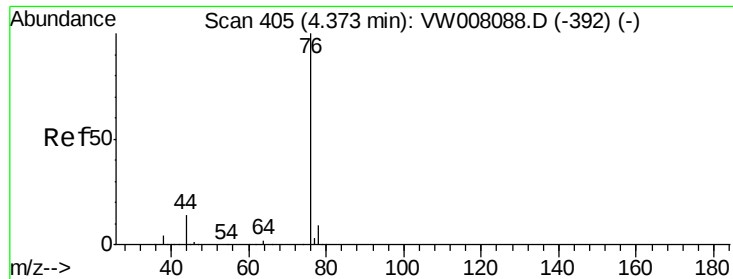
Delta R.T. -0.01 min

Lab File: VW008261.D

Acq: 14 Jan 2019 21:56

Tgt Ion:	43	Resp:	50475
Ion	Ratio	Lower	Upper
43	100		
58	33.9	27.5	41.3





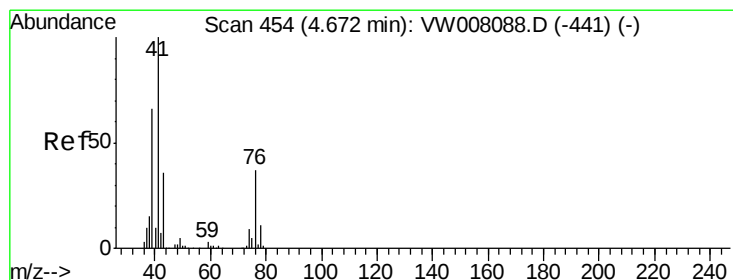
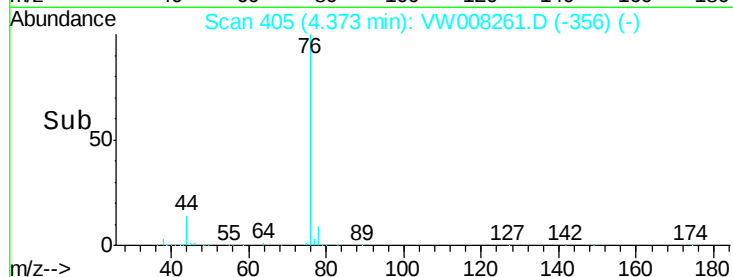
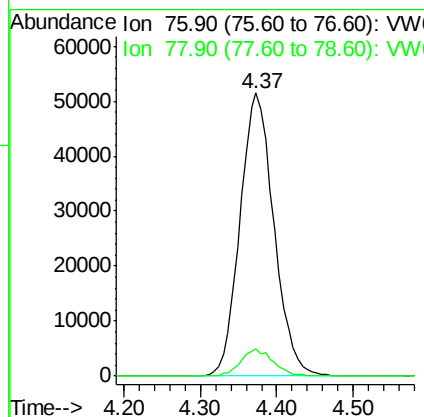
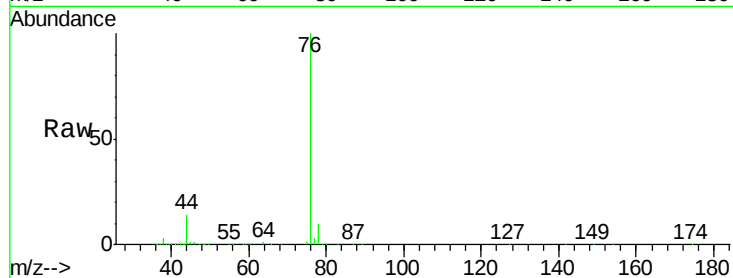
#17
Carbon Disulfide
Concen: 48.439 ug/l
RT: 4.37 min Scan# 405
Delta R.T. -0.00 min
Lab File: VW008261.D
Acq: 14 Jan 2019 21:56

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.8	7.0	10.6

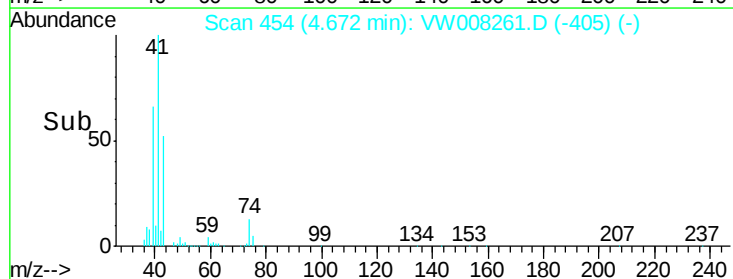
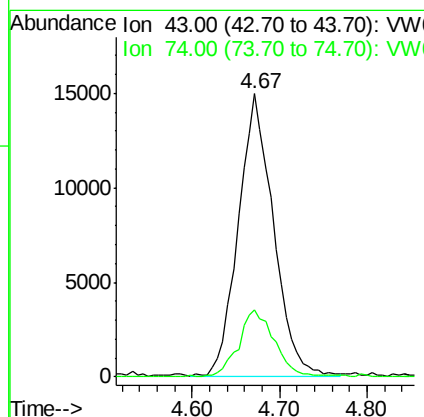
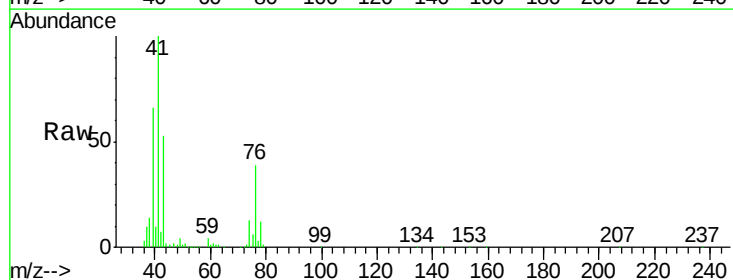
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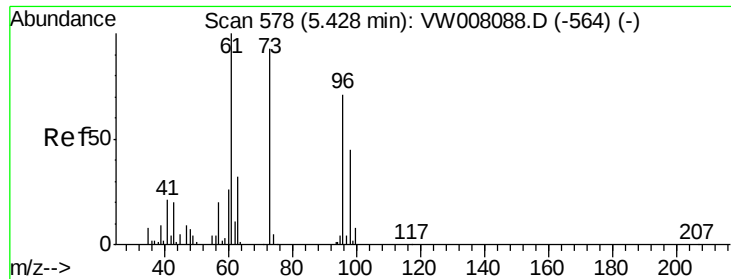
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#18
Methyl Acetate
Concen: 62.034 ug/l
RT: 4.67 min Scan# 454
Delta R.T. -0.00 min
Lab File: VW008261.D
Acq: 14 Jan 2019 21:56

Tgt Ion	Ratio	Lower	Upper
43	100		
74	23.8	19.0	28.4





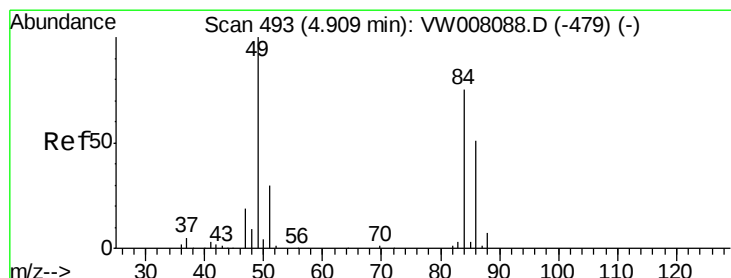
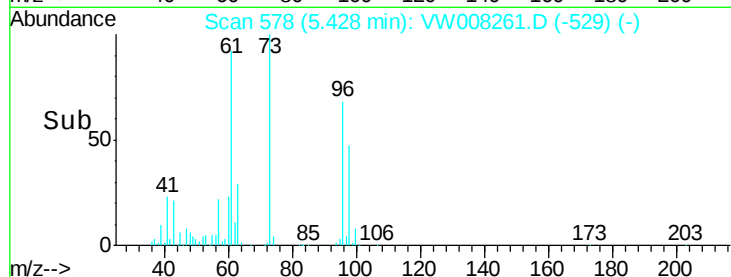
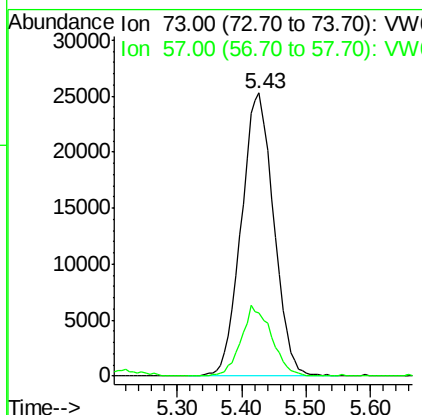
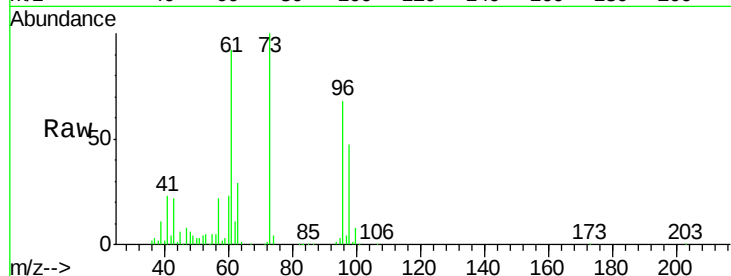
#19
Methyl tert-butyl Ether
Concen: 51.343 ug/l
RT: 5.43 min Scan# 578
Delta R.T. -0.00 min
Lab File: VW008261.D
Acq: 14 Jan 2019 21:56

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion: 73 Resp: 87499
Ion Ratio Lower Upper
73 100
57 22.4 16.7 25.1

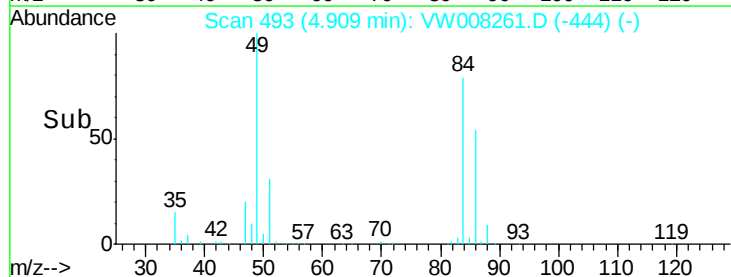
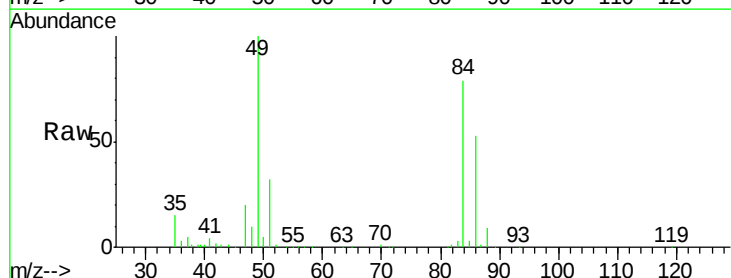
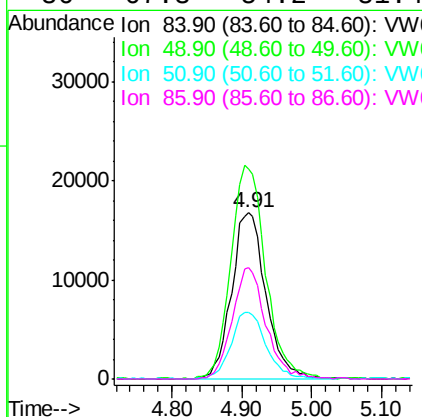
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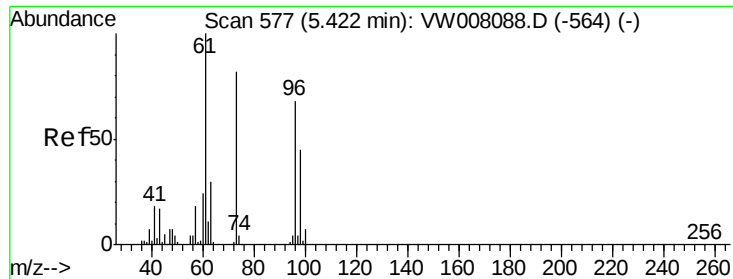
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#20
Methylene Chloride
Concen: 54.419 ug/l
RT: 4.91 min Scan# 493
Delta R.T. 0.00 min
Lab File: VW008261.D
Acq: 14 Jan 2019 21:56

Tgt Ion: 84 Resp: 57193
Ion Ratio Lower Upper
84 100
49 126.4 107.1 160.7
51 39.9 32.4 48.6
86 67.3 54.2 81.4





#21

trans-1,2-Dichloroethene

Concen: 52.432 ug/l

RT: 5.42 min Scan# 576

Delta R.T. -0.01 min

Lab File: VW008261.D

Acq: 14 Jan 2019 21:56

Instrument :

MSVOA_W

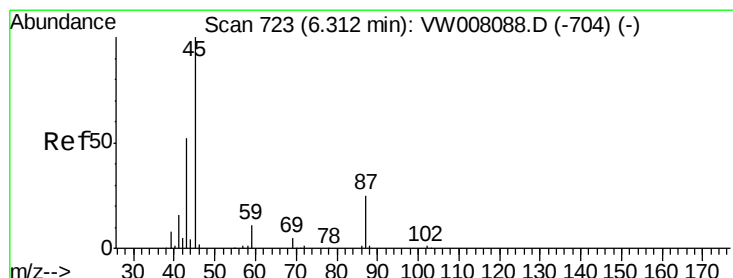
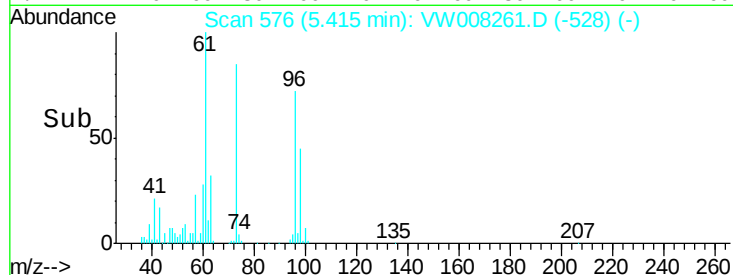
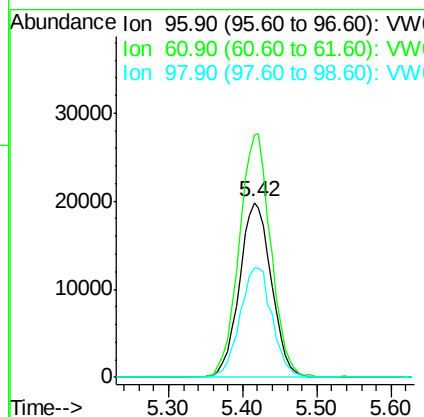
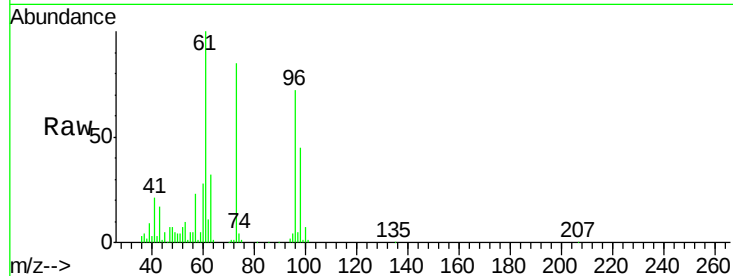
ClientSampleId :

VSTDCCC050EC

Tot Ion:	96	Resp:	59730
Ion	Ratio	Lower	Upper
96	100		
61	138.2	117.4	176.0
98	62.6	52.2	78.4

Manual Integrations
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#22

Diisopropyl ether

Concen: 51.169 ug/l

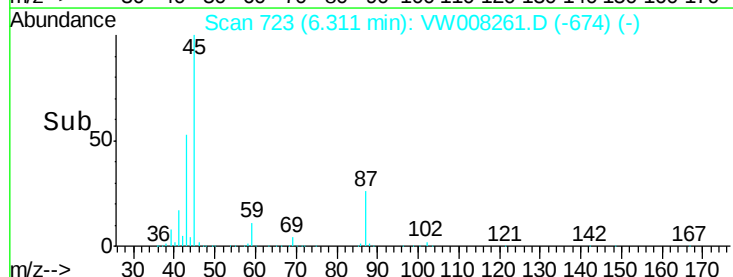
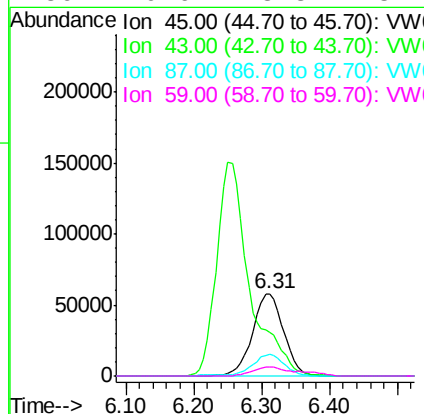
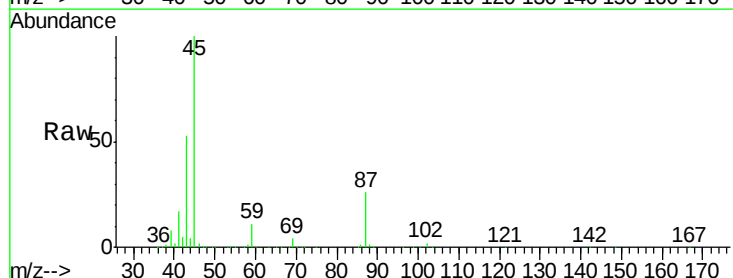
RT: 6.31 min Scan# 723

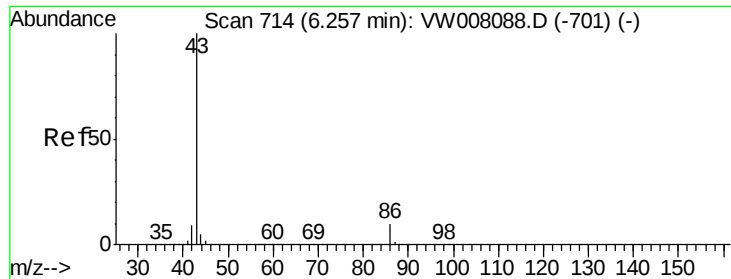
Delta R.T. -0.00 min

Lab File: VW008261.D

Acq: 14 Jan 2019 21:56

Tgt Ion:	45	Resp:	185736
Ion	Ratio	Lower	Upper
45	100		
43	52.4	41.7	62.5
87	26.4	20.1	30.1
59	10.6	8.8	13.2





#23

Vinyl Acetate

Concen: 266.330 ug/l

RT: 6.25 min Scan# 713

Delta R.T. -0.01 min

Lab File: VW008261.D

Acq: 14 Jan 2019 21:56

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 507729

Ion Ratio Lower Upper

43 100

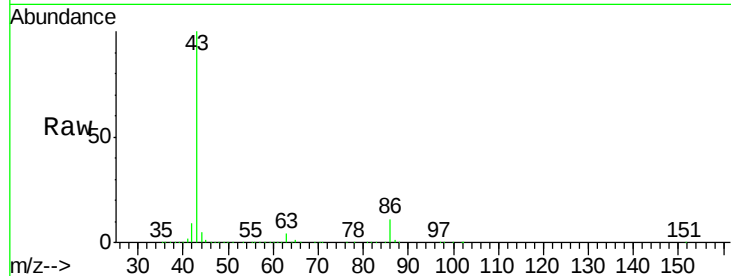
86 10.8 7.7 11.5

Manual Integrations

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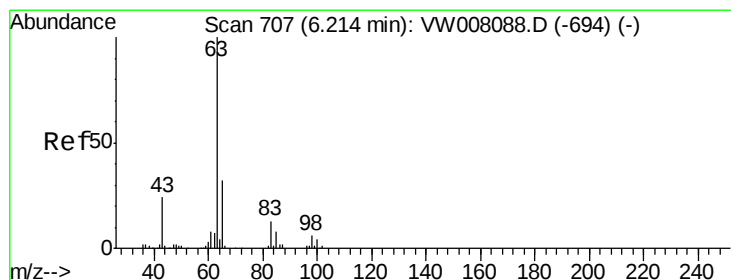
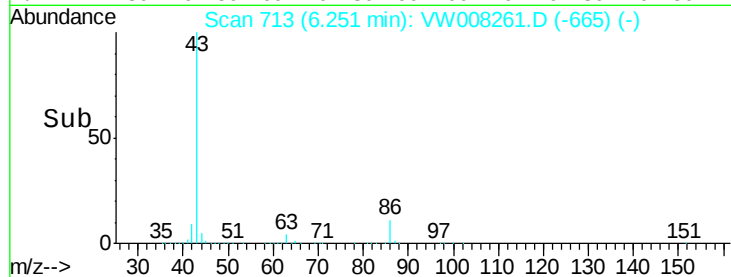
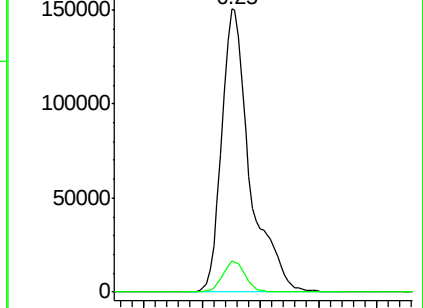
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Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 86.00 (85.70 to 86.70): VW



#24

1,1-Dichloroethane

Concen: 50.885 ug/l

RT: 6.21 min Scan# 707

Delta R.T. -0.00 min

Lab File: VW008261.D

Acq: 14 Jan 2019 21:56

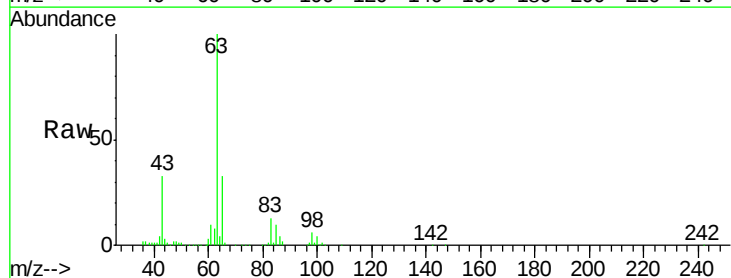
Tgt Ion: 63 Resp: 107620

Ion Ratio Lower Upper

63 100

98 6.4 3.2 9.6

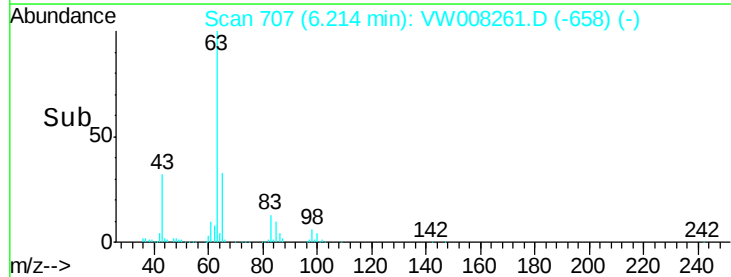
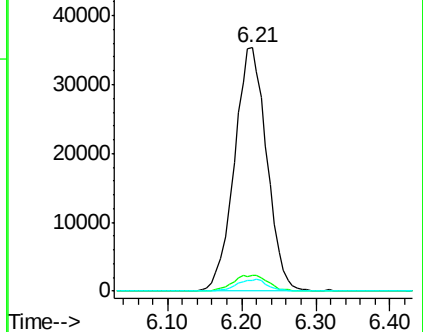
100 4.2 2.0 6.0

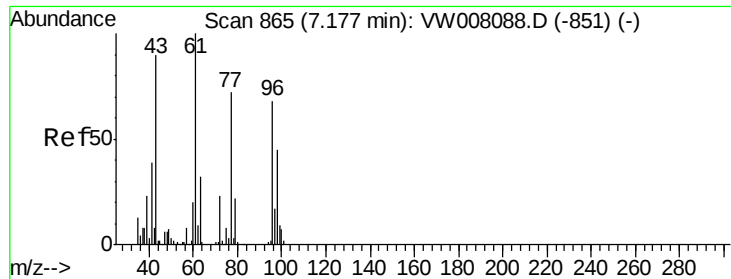


Abundance Ion 62.90 (62.60 to 63.60): VW

Ion 97.90 (97.60 to 98.60): VW

Ion 99.90 (99.60 to 100.60): VW





#25

2-Butanone

Concen: 269.075 ug/l

RT: 7.18 min Scan# 865

Delta R.T. -0.00 min

Lab File: VW008261.D

Acq: 14 Jan 2019 21:56

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 80544

Ion Ratio Lower Upper

43 100

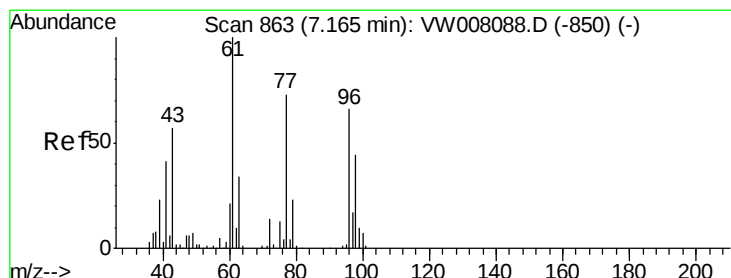
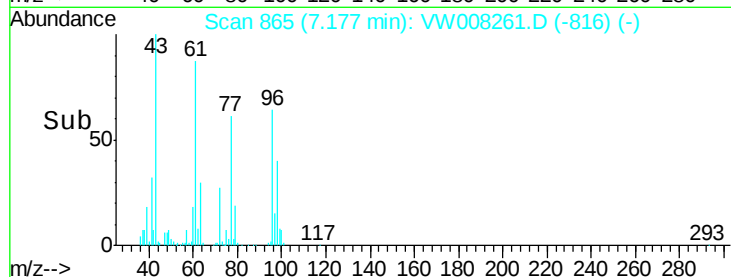
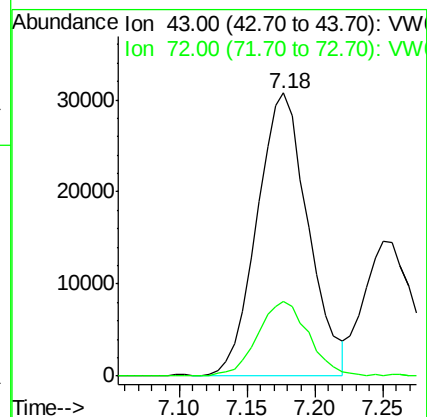
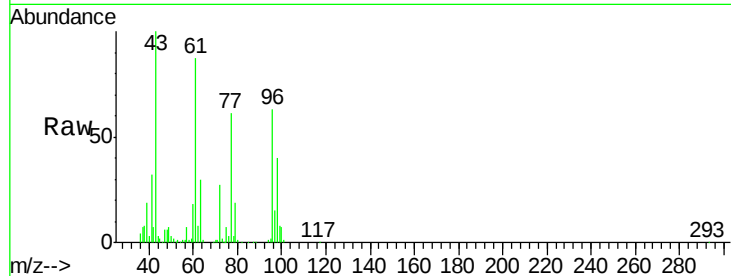
72 26.6 20.5 30.7

Manual Integrations

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#26

2,2-Dichloropropane

Concen: 45.400 ug/l

RT: 7.16 min Scan# 862

Delta R.T. -0.01 min

Lab File: VW008261.D

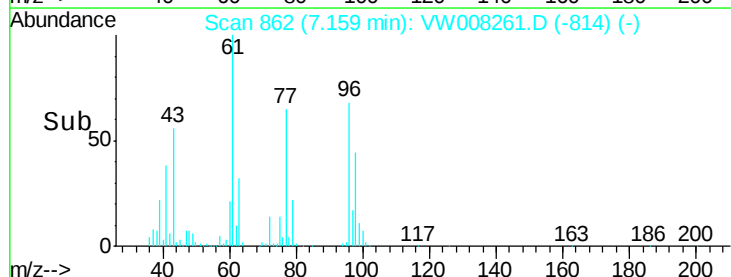
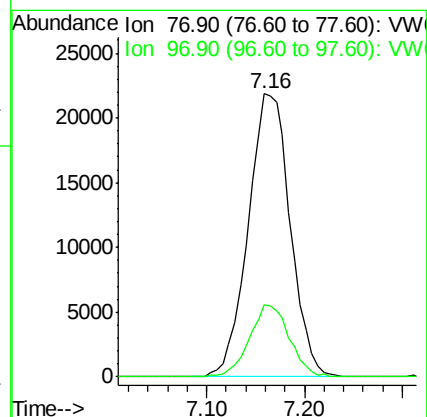
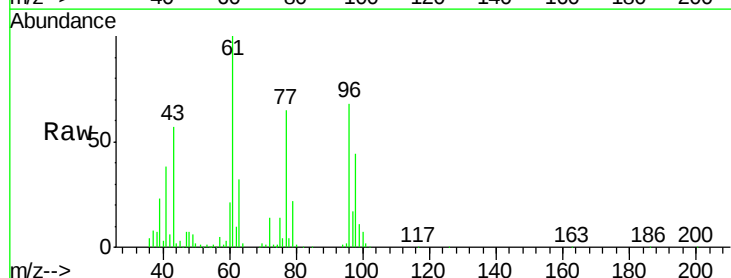
Acq: 14 Jan 2019 21:56

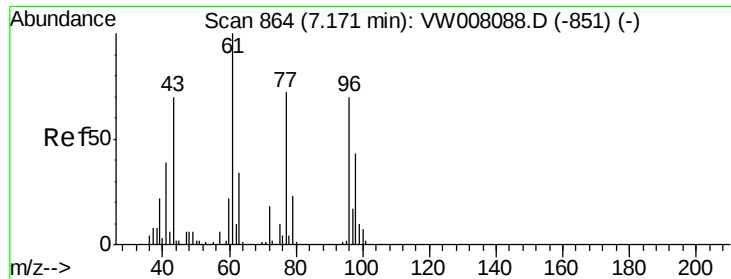
Tgt Ion: 77 Resp: 65060

Ion Ratio Lower Upper

77 100

97 24.2 11.4 34.1





#27

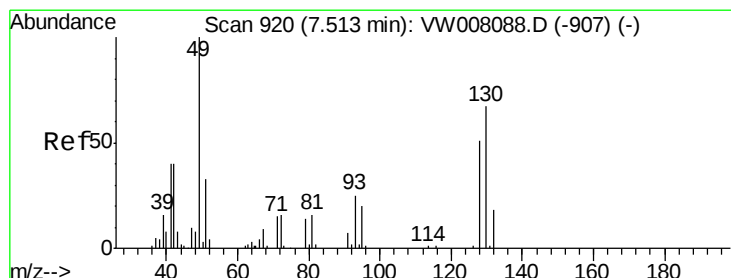
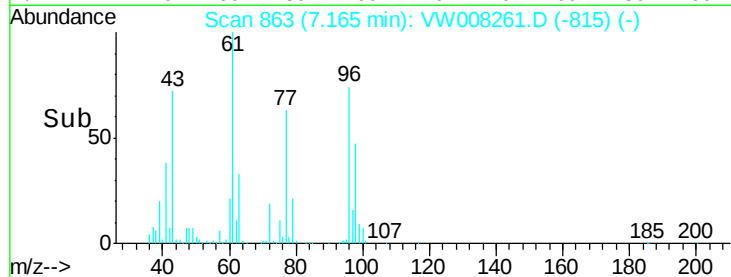
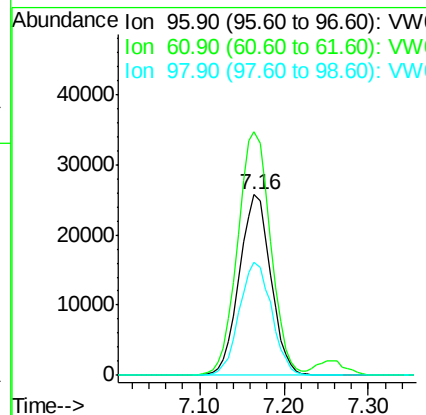
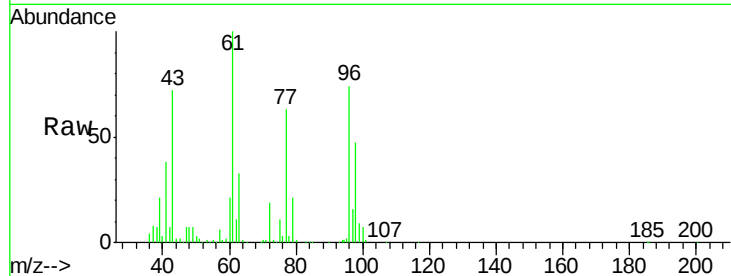
cis-1,2-Dichloroethene
Concen: 52.343 ug/l
RT: 7.16 min Scan# 863
Delta R.T. -0.01 min
Lab File: VW008261.D
Acq: 14 Jan 2019 21:56

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
96	100		
61	140.9	0.0	300.4
98	64.3	0.0	128.4

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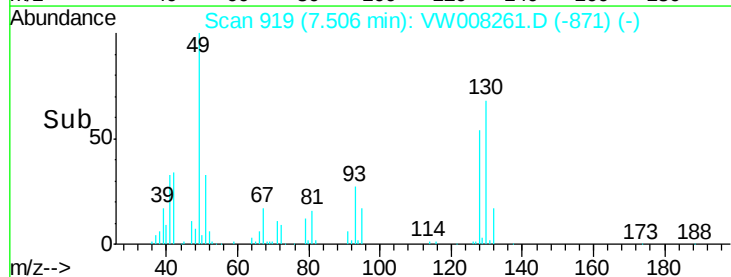
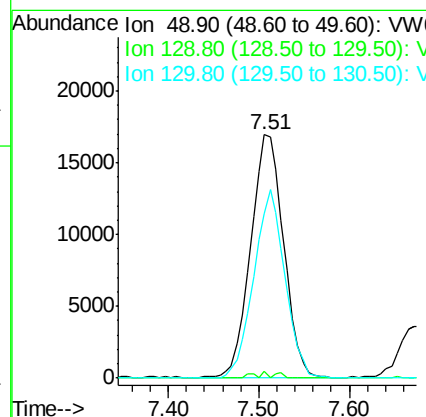
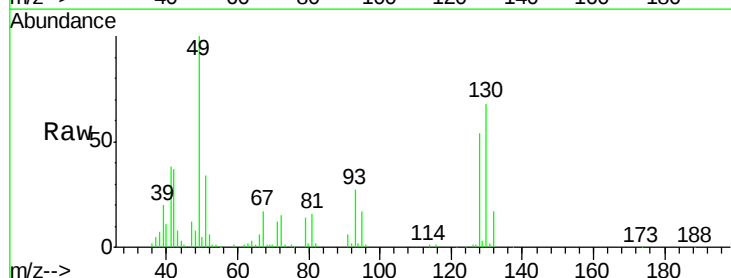
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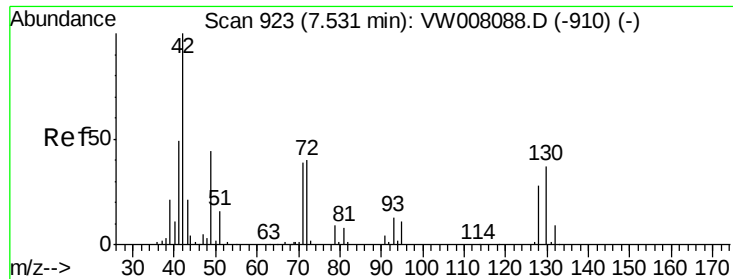


#28

Bromochloromethane
Concen: 51.054 ug/l
RT: 7.51 min Scan# 919
Delta R.T. -0.01 min
Lab File: VW008261.D
Acq: 14 Jan 2019 21:56

Tgt Ion	Ratio	Lower	Upper
49	100		
129	0.4	0.0	2.8
130	73.1	54.3	81.5





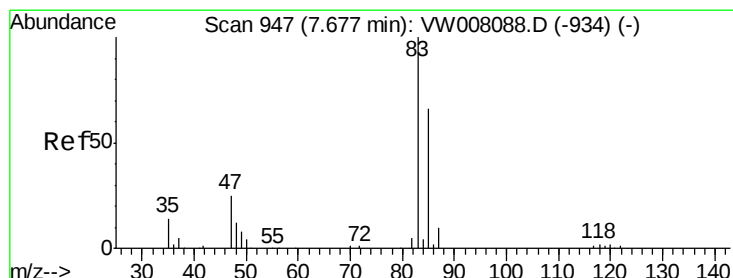
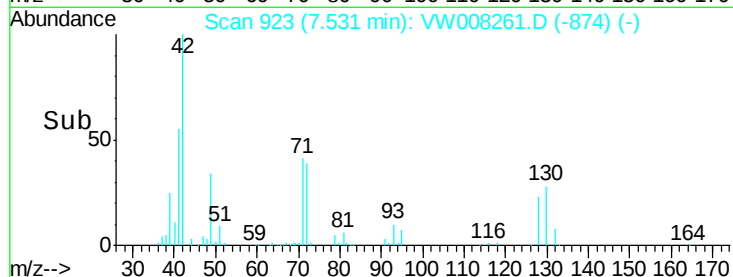
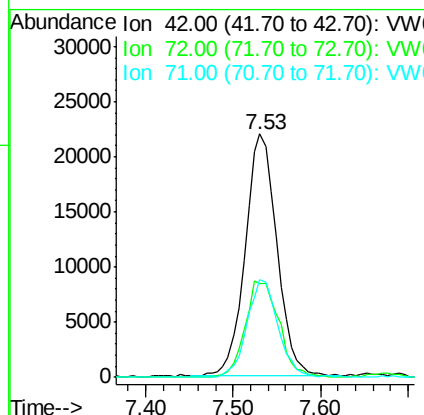
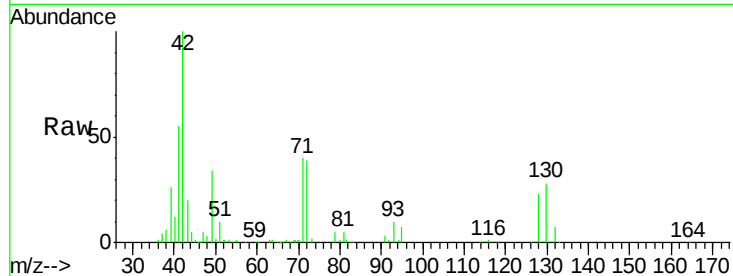
#29
Tetrahydrofuran
Concen: 275.875 ug/l
RT: 7.53 min Scan# 923
Delta R.T. -0.00 min
Lab File: VW008261.D
Acq: 14 Jan 2019 21:56

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
42	100		
72	42.6	32.4	48.6
71	39.6	31.3	46.9

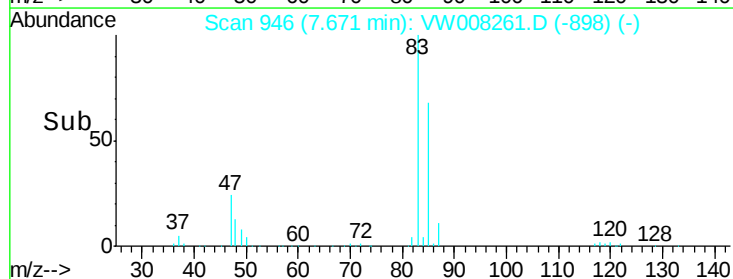
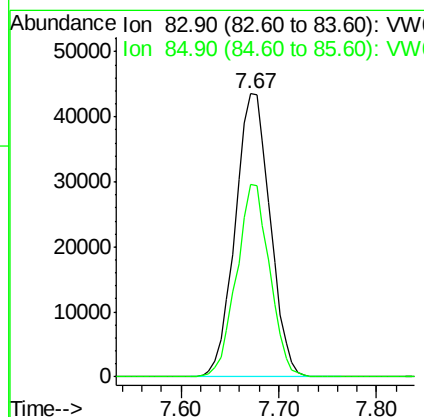
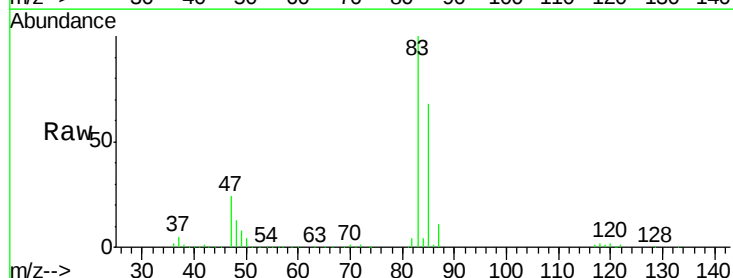
Manual Integrations
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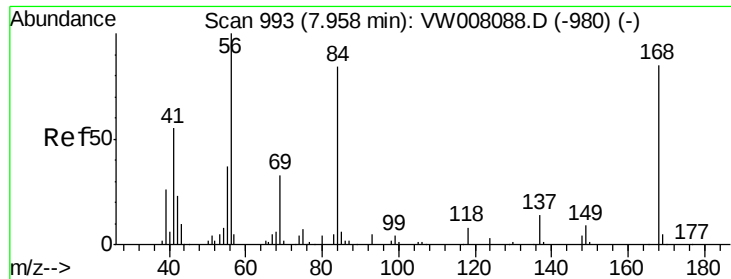
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#30
Chloroform
Concen: 53.796 ug/l
RT: 7.67 min Scan# 946
Delta R.T. -0.01 min
Lab File: VW008261.D
Acq: 14 Jan 2019 21:56

Tgt Ion	Ratio	Lower	Upper
83	100		
85	68.0	53.2	79.8





#31

Cyclohexane

Concen: 44.045 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.01 min

Lab File: VW008261.D

Acq: 14 Jan 2019 21:56

Instrument :

MSVOA_W

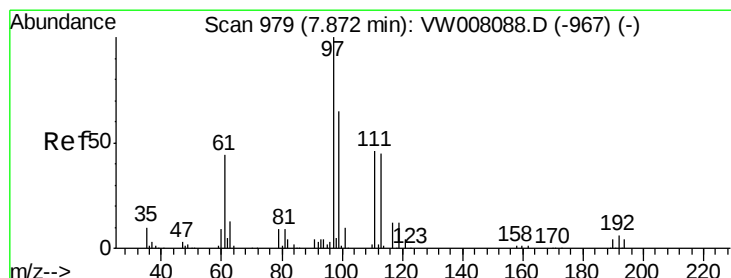
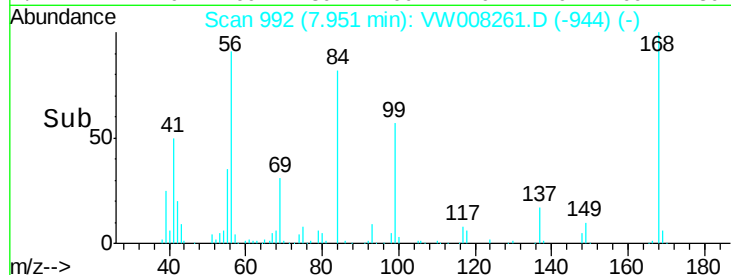
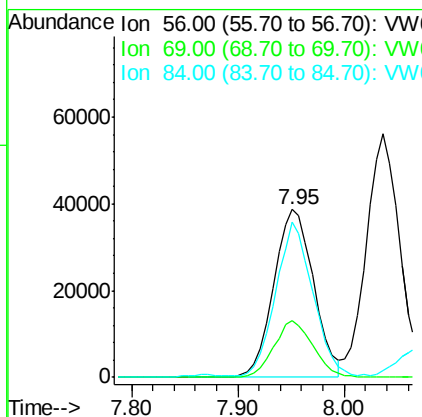
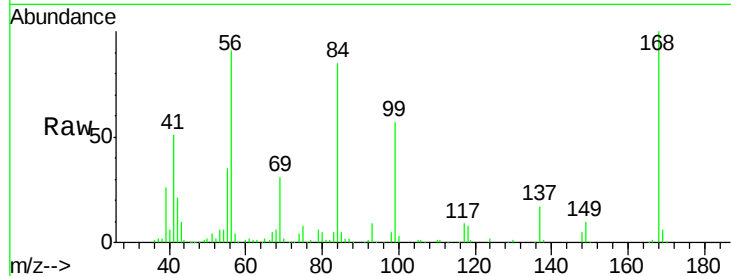
ClientSampleId :

VSTDCCC050EC

Tot Ion:	56	Resp:	99724
Ion	Ratio	Lower	Upper
56	100		
69	34.2	26.2	39.4
84	91.8	67.4	101.2

Manual Integrations
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#32

1,1,1-Trichloroethane

Concen: 51.552 ug/l

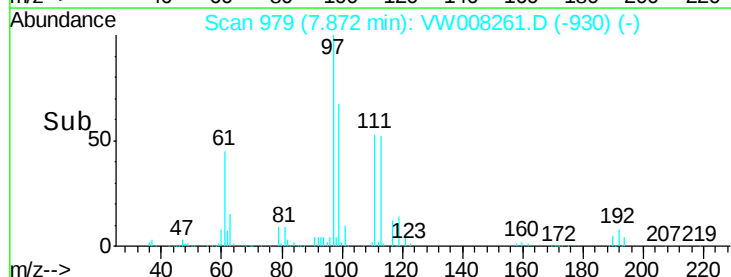
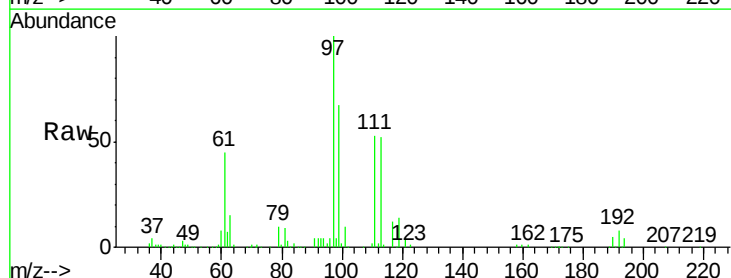
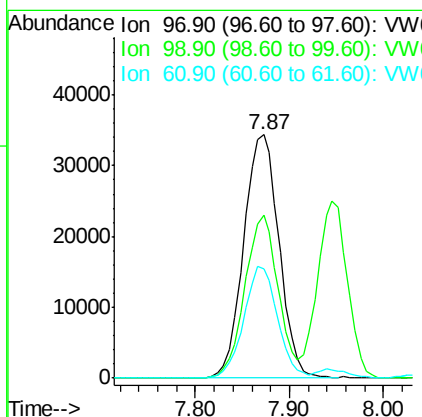
RT: 7.87 min Scan# 979

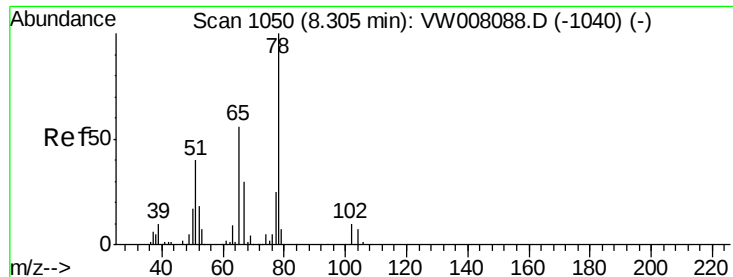
Delta R.T. -0.00 min

Lab File: VW008261.D

Acq: 14 Jan 2019 21:56

Tgt Ion:	97	Resp:	90301
Ion	Ratio	Lower	Upper
97	100		
99	63.4	51.4	77.0
61	44.0	35.6	53.4





#33

1,2-Dichloroethane-d4

Concen: 48.052 ug/l

RT: 8.31 min Scan# 1050

Delta R.T. -0.00 min

Lab File: VW008261.D

Acq: 14 Jan 2019 21:56

Instrument :

MSVOA_W

ClientSampled :

VSTDCCC050EC

Tot Ion: 65 Resp: 51697

Ion Ratio Lower Upper

65 100

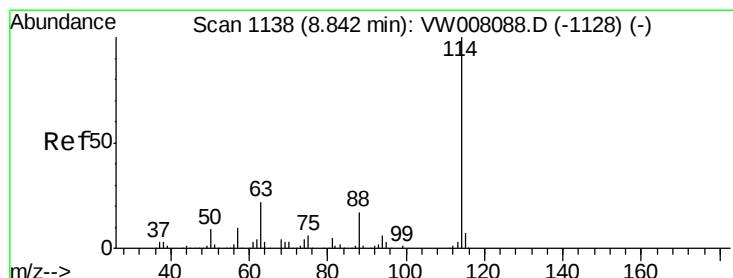
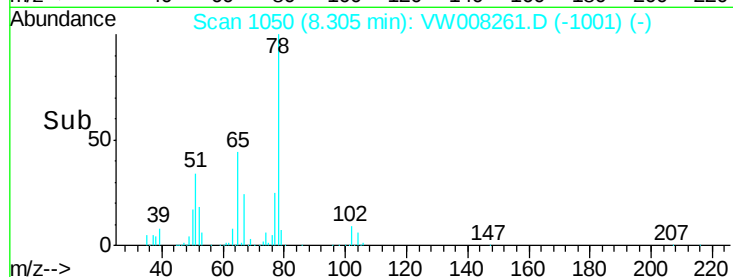
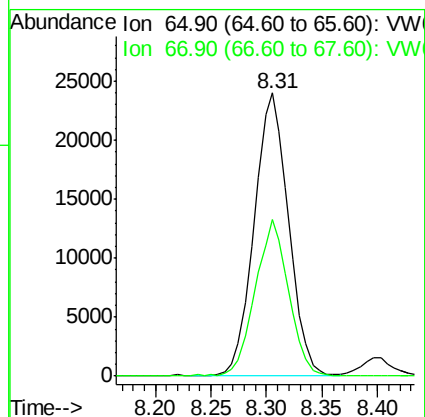
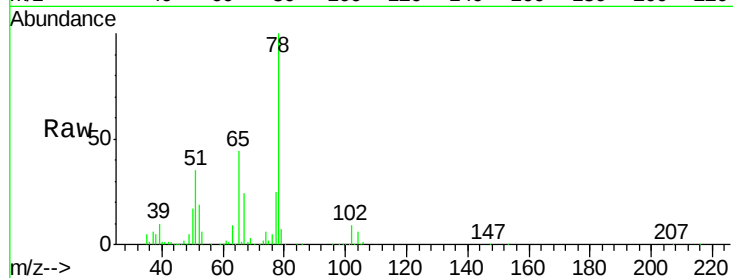
67 53.8 0.0 106.8

Manual Integrations

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#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.84 min Scan# 1138

Delta R.T. -0.00 min

Lab File: VW008261.D

Acq: 14 Jan 2019 21:56

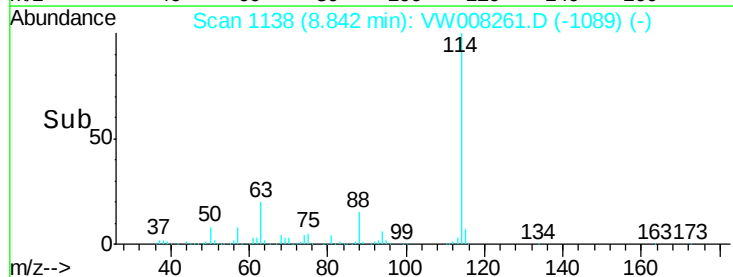
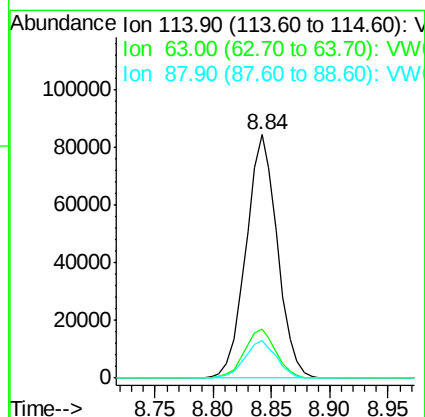
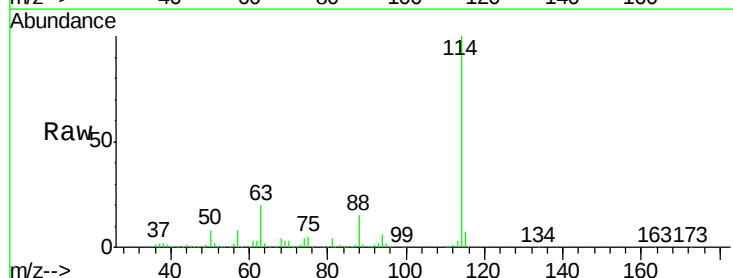
Tgt Ion: 114 Resp: 158038

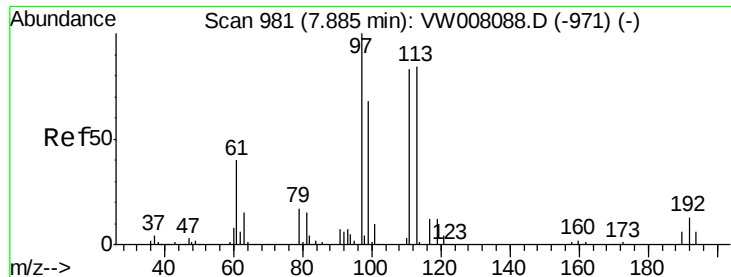
Ion Ratio Lower Upper

114 100

63 20.1 0.0 43.4

88 15.4 0.0 33.4





#35

Dibromofluoromethane

Concen: 56.234 ug/l

RT: 7.88 min Scan# 981

Delta R.T. -0.00 min

Lab File: VW008261.D

Acq: 14 Jan 2019 21:56

Instrument :

MSVOA_W

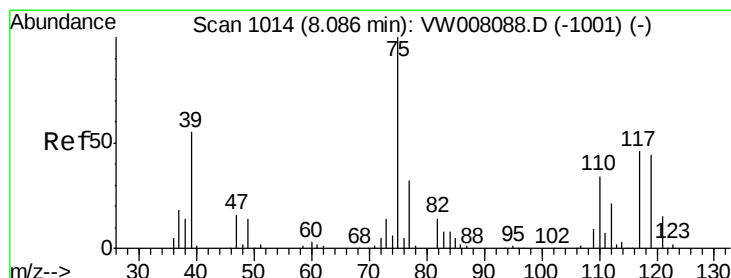
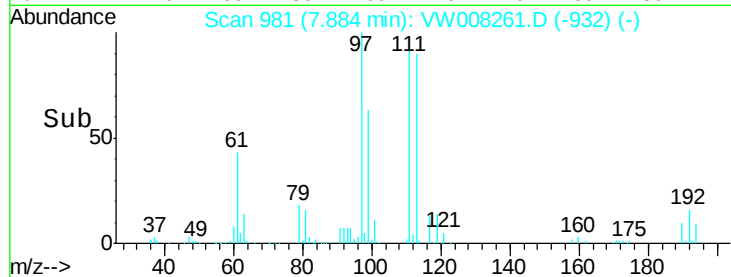
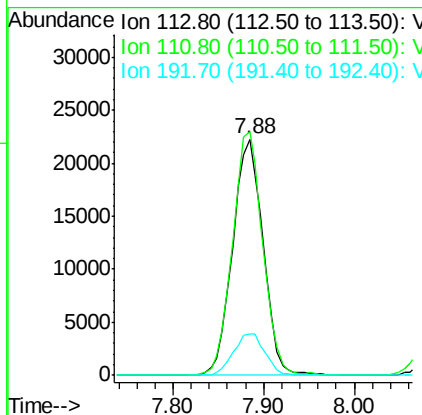
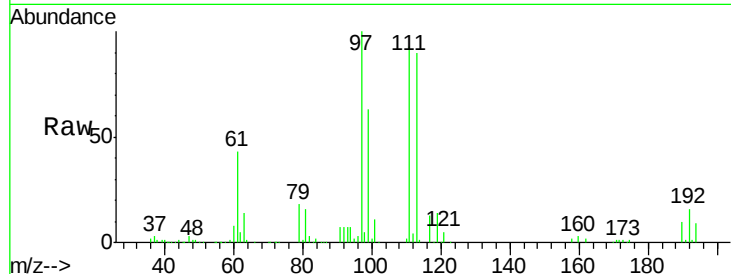
ClientSampleId :

VSTDCCC050EC

Tot Ion:	113	Resp:	51833
Ion Ratio	Lower	Upper	
113	100		
111	102.6	81.8	122.8
192	18.3	12.8	19.2

Manual Integrations
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#36

1,1-Dichloropropene

Concen: 53.050 ug/l

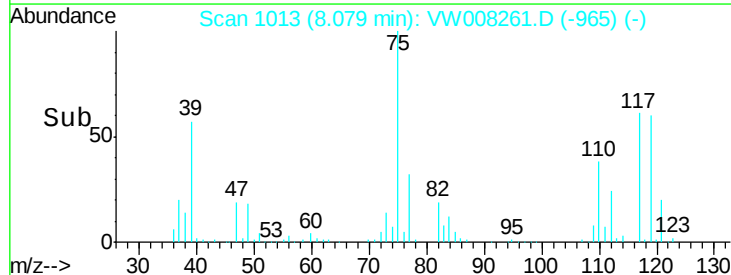
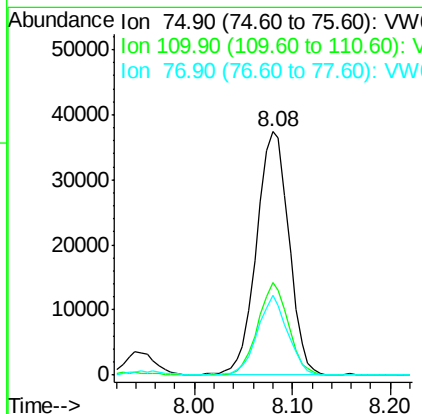
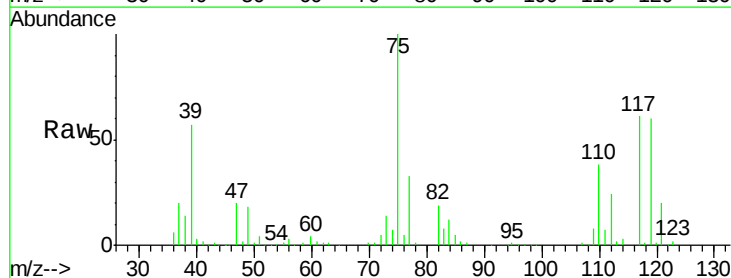
RT: 8.08 min Scan# 1013

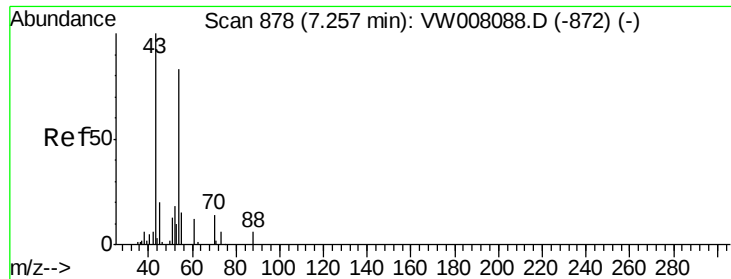
Delta R.T. -0.01 min

Lab File: VW008261.D

Acq: 14 Jan 2019 21:56

Tgt Ion:	75	Resp:	86362
Ion Ratio	Lower	Upper	
75	100		
110	35.5	17.1	51.3
77	30.7	25.5	38.3





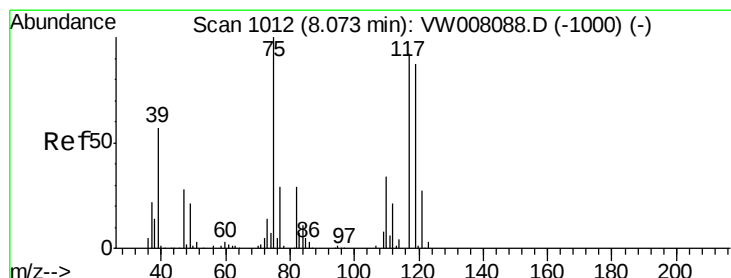
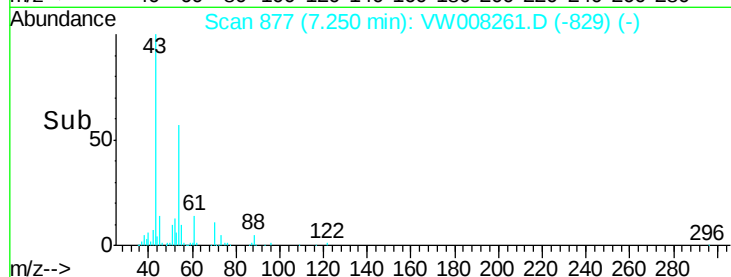
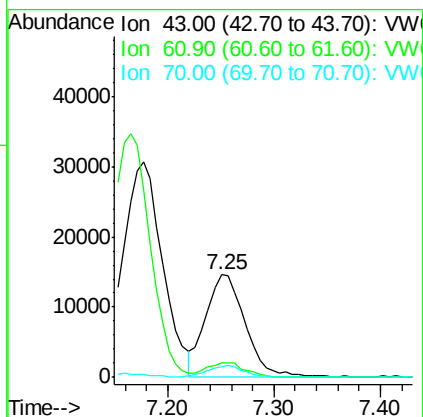
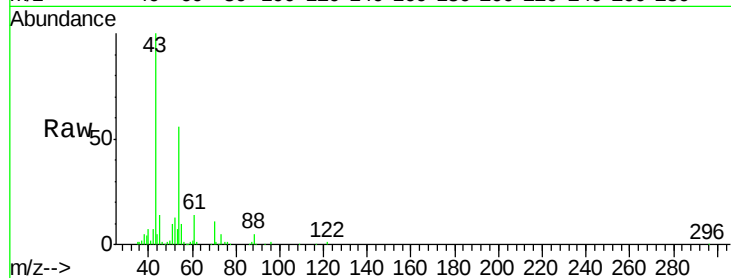
#37
Ethyl Acetate
Concen: 56.723 ug/l
RT: 7.25 min Scan# 877
Delta R.T. -0.01 min
Lab File: VW008261.D
Acq: 14 Jan 2019 21:56

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
43	100		
61	13.7	10.6	16.0
70	11.2	8.9	13.3

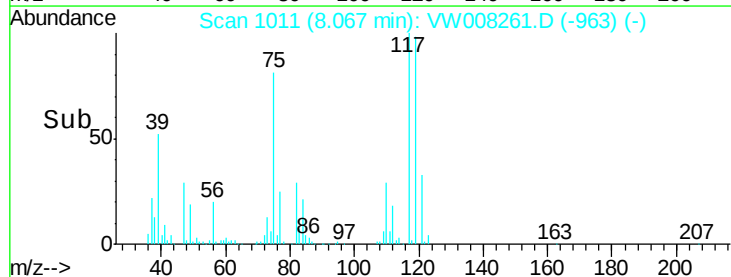
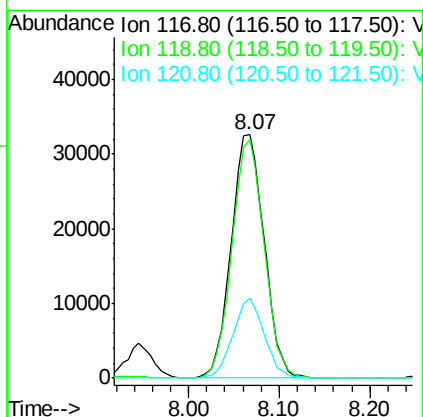
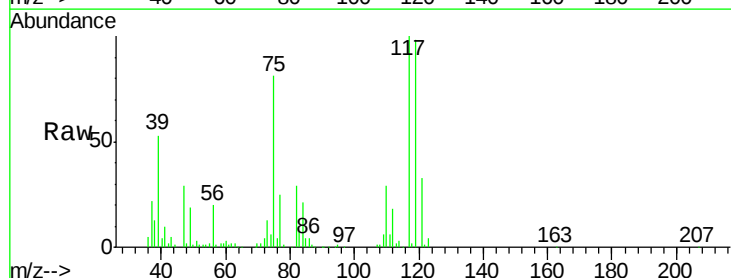
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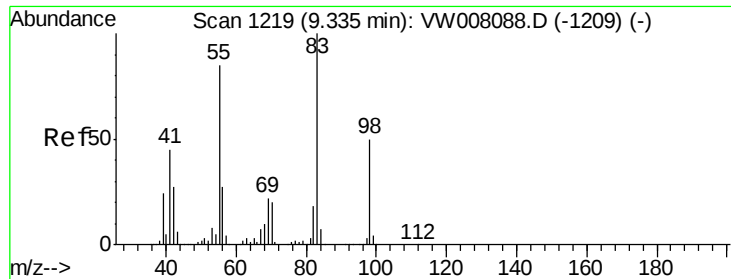
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#38
Carbon Tetrachloride
Concen: 55.345 ug/l
RT: 8.07 min Scan# 1011
Delta R.T. -0.01 min
Lab File: VW008261.D
Acq: 14 Jan 2019 21:56

Tgt Ion	Ratio	Lower	Upper
117	100		
119	98.0	75.8	113.8
121	33.0	23.7	35.5





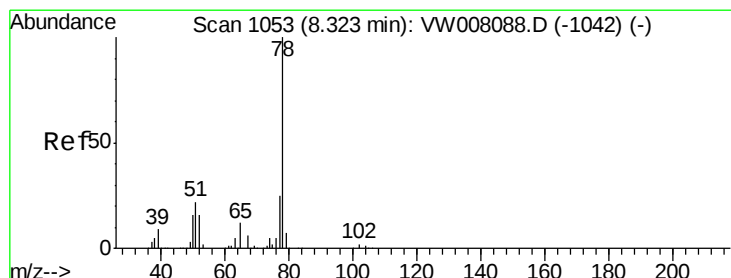
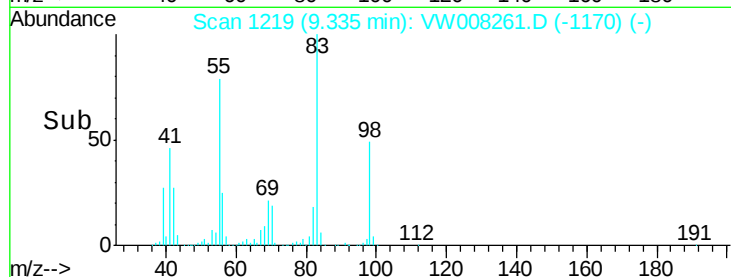
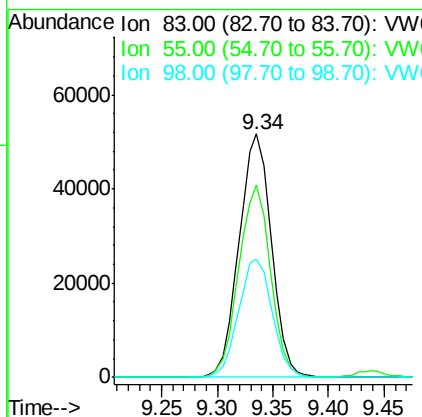
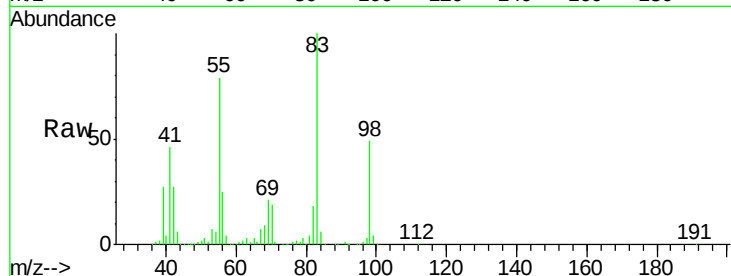
#39
Methvlcvclohexane
Concen: 50.623 ug/l
RT: 9.34 min Scan# 1219
Delta R.T. -0.00 min
Lab File: VW008261.D
Acq: 14 Jan 2019 21:56

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion	83.00	Resp	104497
Ion Ratio	Lower	Upper	
83	100		
55	78.6	67.8	101.6
98	48.6	40.2	60.4

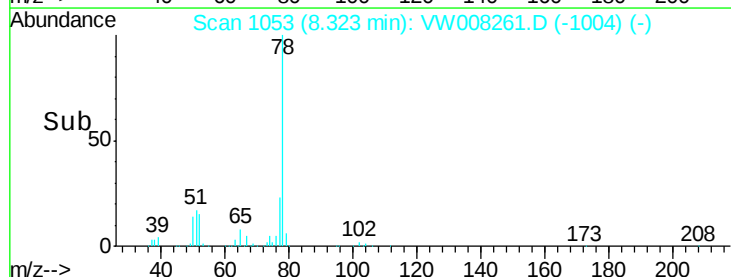
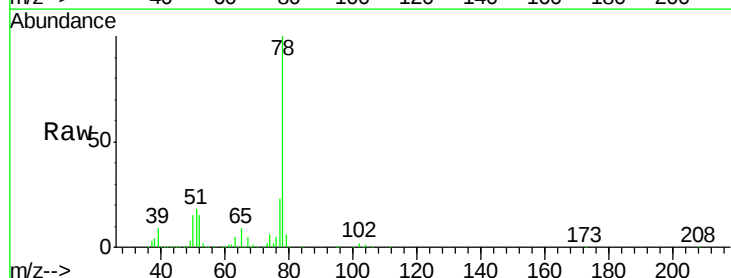
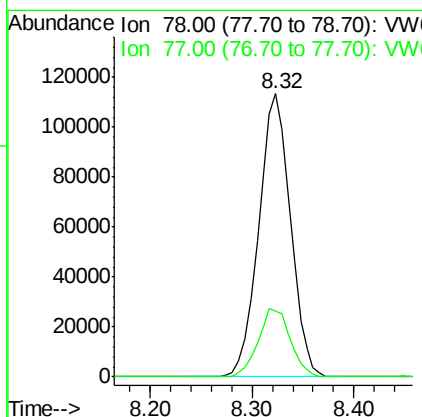
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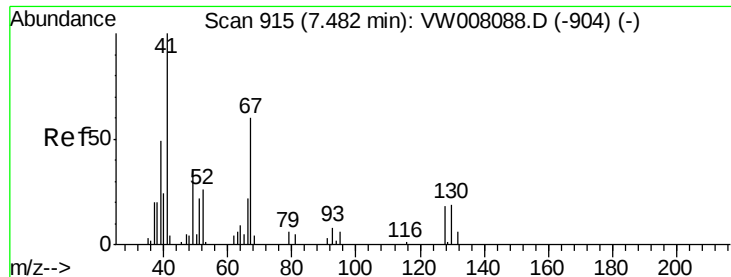
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#40
Benzene
Concen: 55.401 ug/l
RT: 8.32 min Scan# 1053
Delta R.T. -0.00 min
Lab File: VW008261.D
Acq: 14 Jan 2019 21:56

Tgt Ion	78.00	Resp	244623
Ion Ratio	Lower	Upper	
78	100		
77	23.2	20.2	30.4





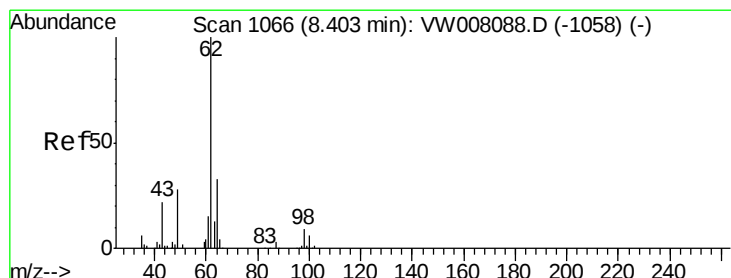
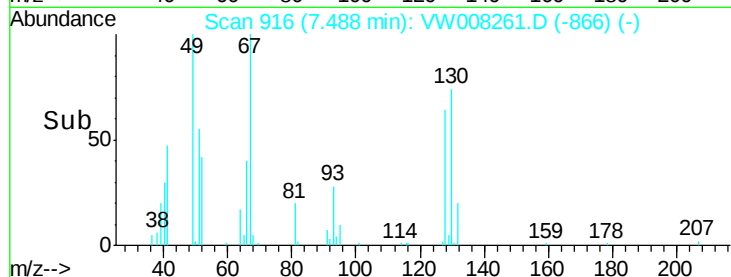
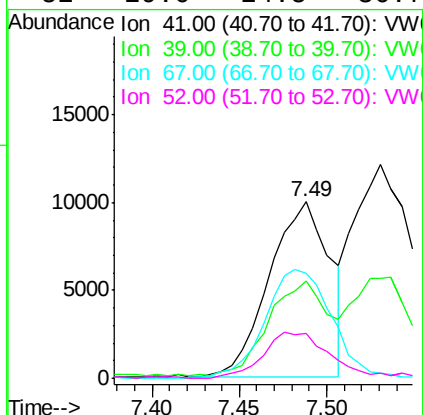
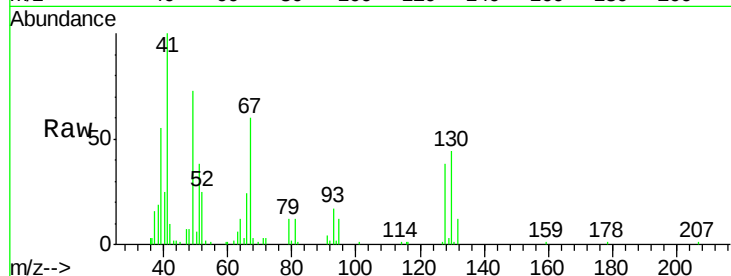
#41
Methacrylonitrile
Concen: 58.712 ug/l
RT: 7.49 min Scan# 916
Delta R.T. 0.01 min
Lab File: VW008261.D
Acq: 14 Jan 2019 21:56

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion:	41	Resp:	24189
Ion	Ratio	Lower	Upper
41	100		
39	52.9	47.9	71.9
67	68.6	56.3	84.5
52	29.0	24.5	36.7

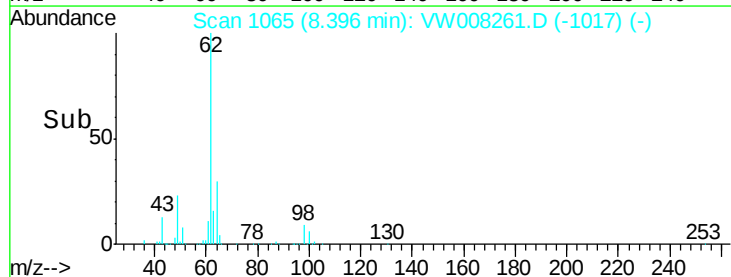
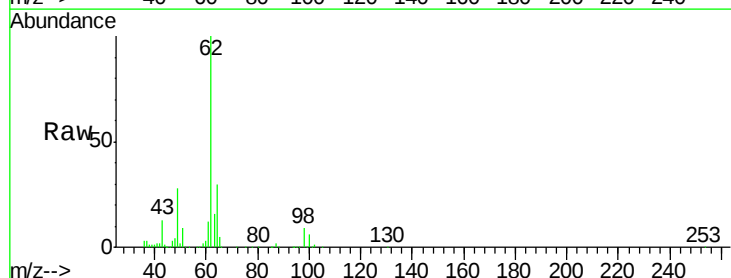
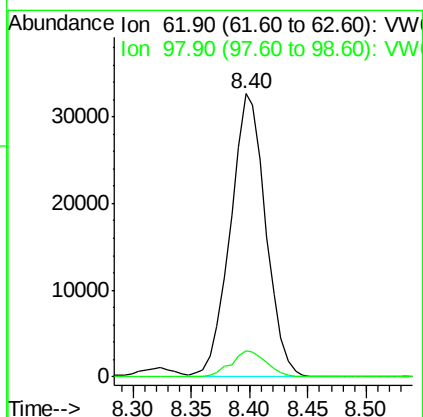
Manual Integrations
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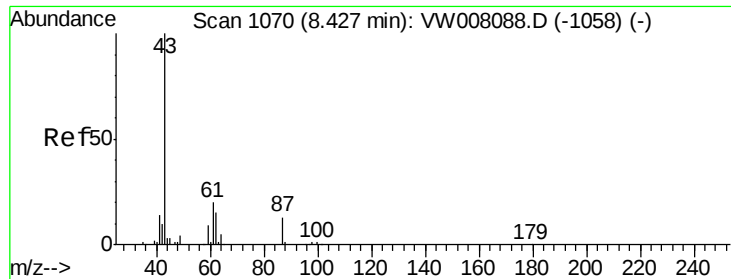
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#42
1,2-Dichloroethane
Concen: 55.441 ug/l
RT: 8.40 min Scan# 1065
Delta R.T. -0.01 min
Lab File: VW008261.D
Acq: 14 Jan 2019 21:56

Tgt Ion:	62	Resp:	68851
Ion	Ratio	Lower	Upper
62	100		
98	9.3	0.0	18.6





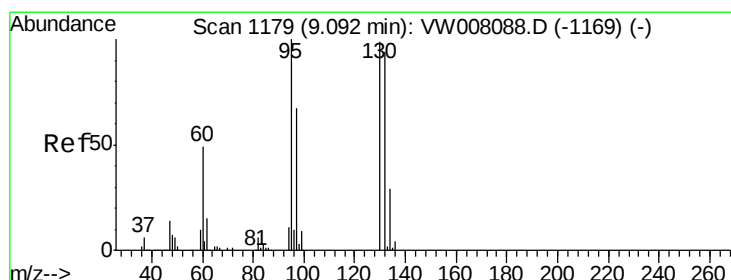
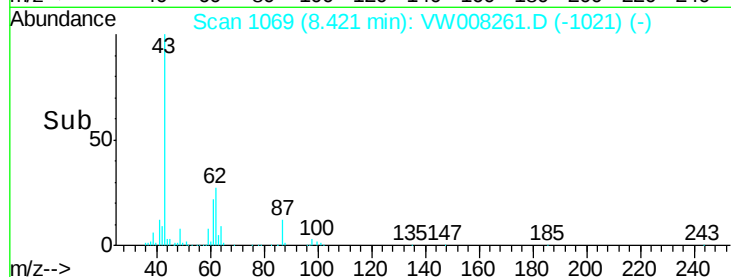
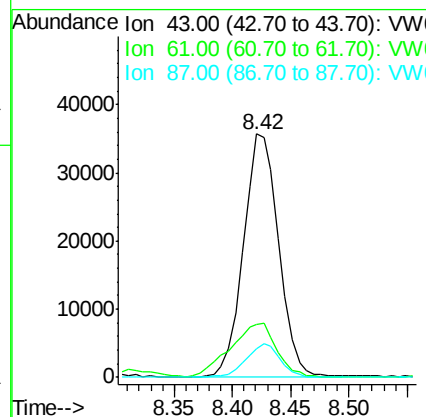
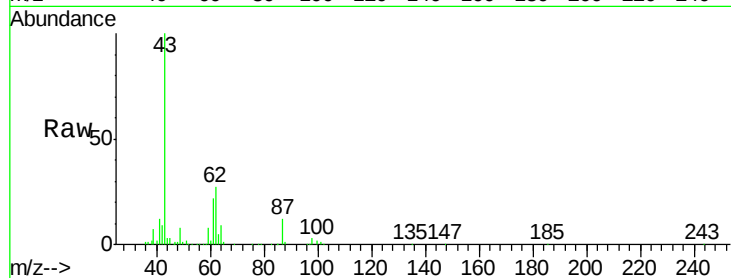
#43
Isopropyl Acetate
Concen: 57.968 ug/l
RT: 8.42 min Scan# 1069
Delta R.T. -0.01 min
Lab File: VW008261.D
Acq: 14 Jan 2019 21:56

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
43	100		
61	29.2	24.8	37.2
87	13.4	10.4	15.6

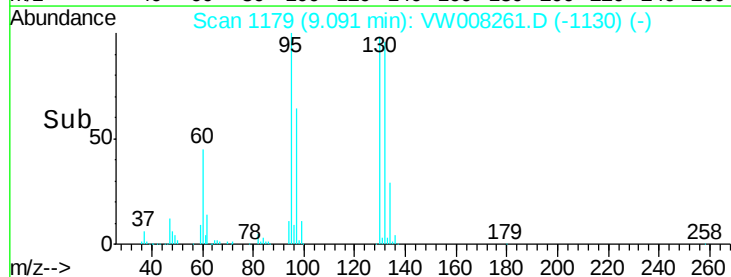
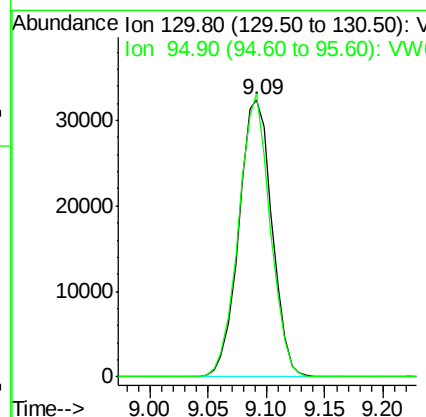
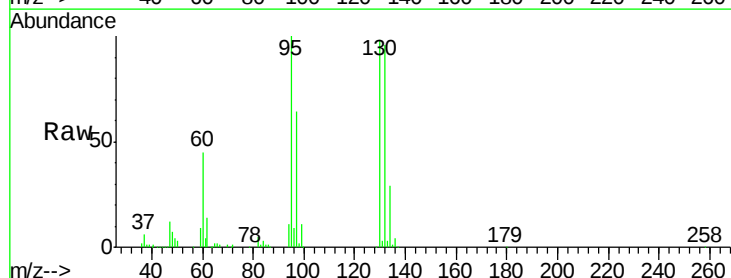
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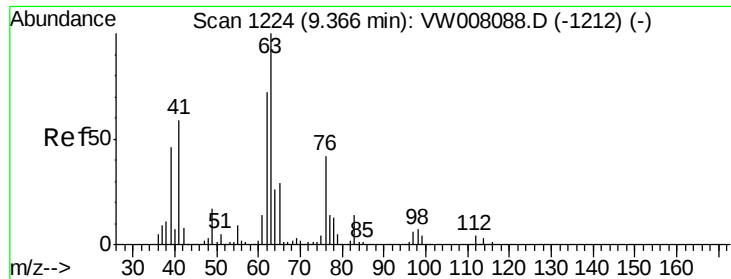
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#44
Trichloroethene
Concen: 56.944 ug/l
RT: 9.09 min Scan# 1179
Delta R.T. -0.00 min
Lab File: VW008261.D
Acq: 14 Jan 2019 21:56

Tgt Ion	Ratio	Lower	Upper
130	100		
95	102.0	0.0	202.8





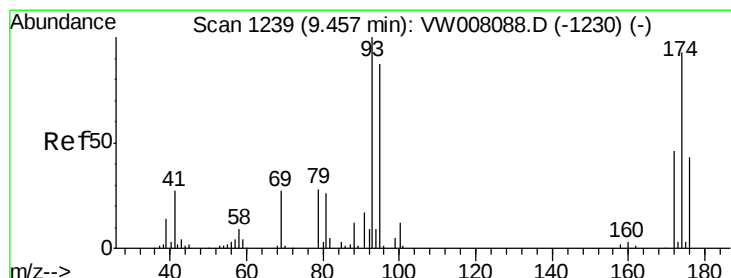
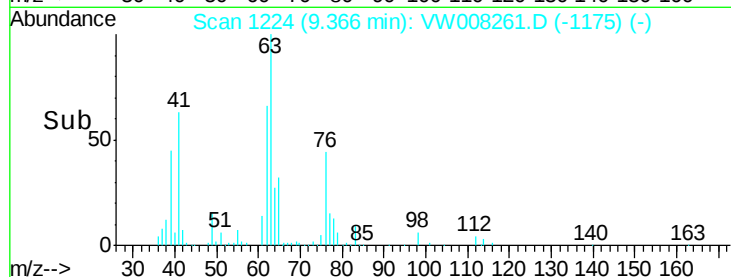
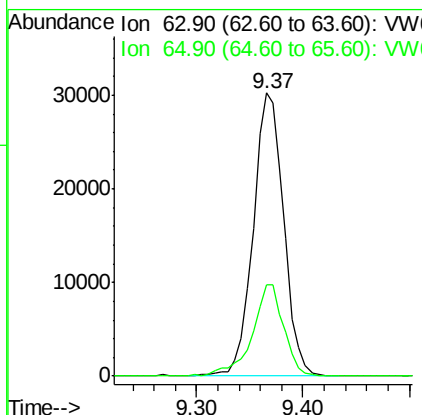
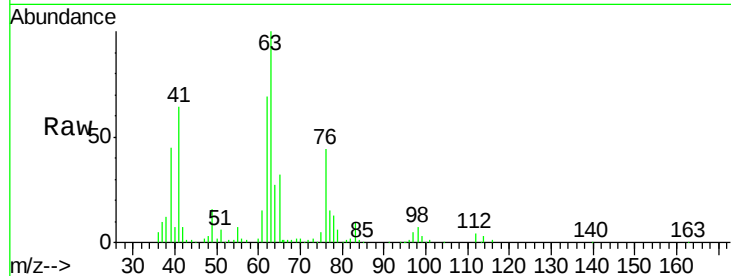
#45
 1,2-Dichloropropane
 Concen: 55.390 ug/l
 RT: 9.37 min Scan# 1224
 Delta R.T. -0.00 min
 Lab File: VW008261.D
 Acq: 14 Jan 2019 21:56

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
63	100		
65	32.5	23.3	34.9

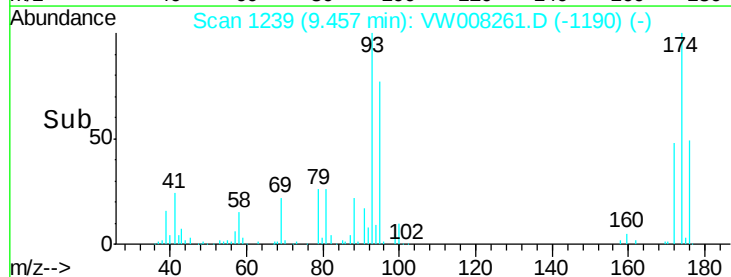
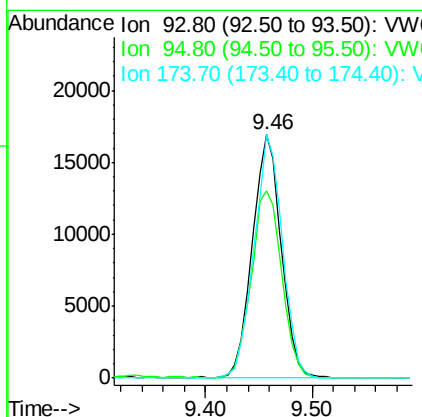
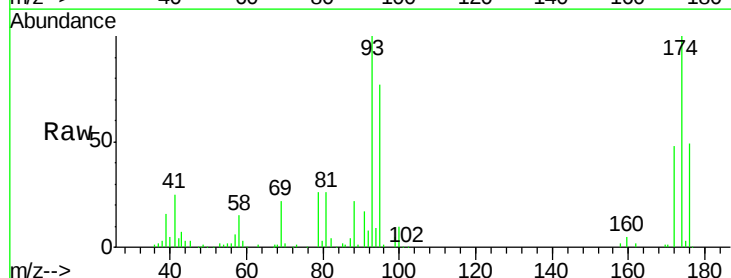
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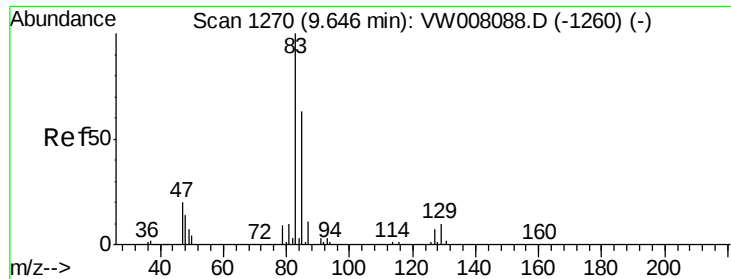
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#46
 Dibromomethane
 Concen: 59.853 ug/l
 RT: 9.46 min Scan# 1239
 Delta R.T. -0.00 min
 Lab File: VW008261.D
 Acq: 14 Jan 2019 21:56

Tgt Ion	Ratio	Lower	Upper
93	100		
95	81.4	67.5	101.3
174	98.7	72.5	108.7





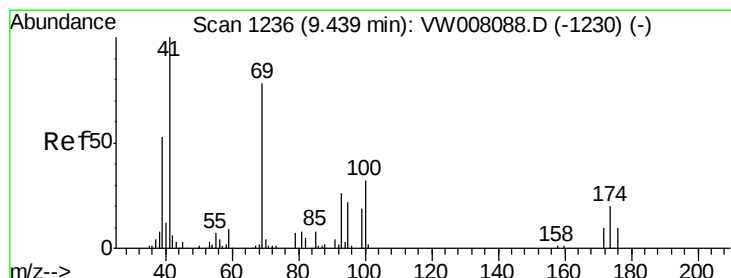
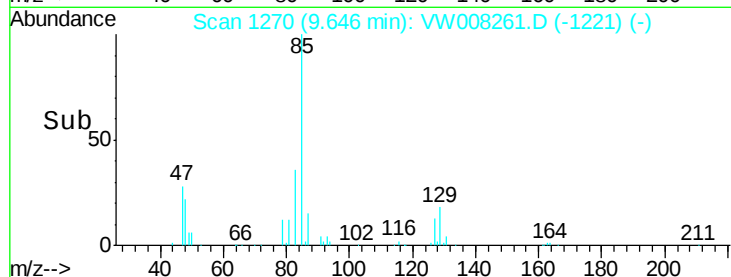
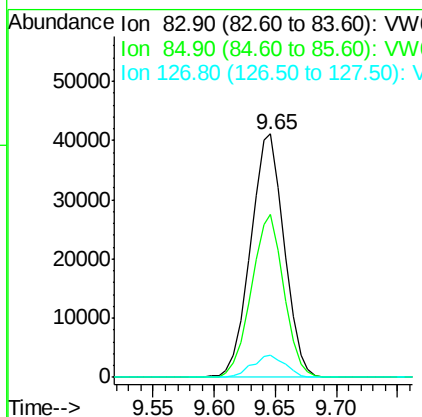
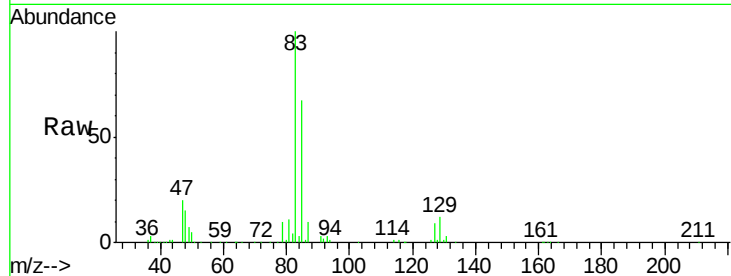
#47
 Bromodichloromethane
 Concen: 57.600 ug/l
 RT: 9.65 min Scan# 1270
 Delta R.T. -0.00 min
 Lab File: VW008261.D
 Acq: 14 Jan 2019 21:56

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	83	Resp	78640
Ion Ratio	100	Lower	Upper
83	100		
85	67.0	50.7	76.1
127	8.9	6.0	9.0

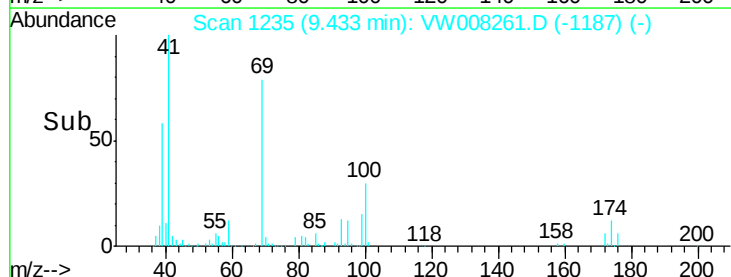
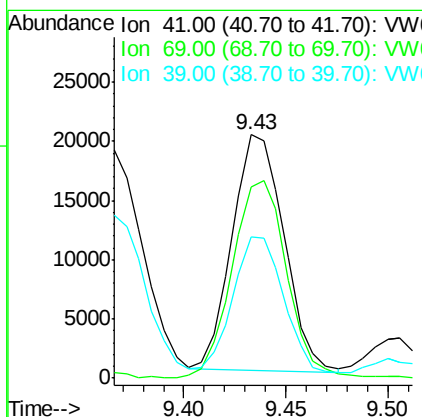
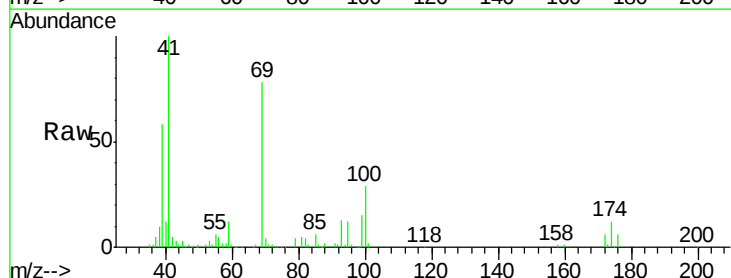
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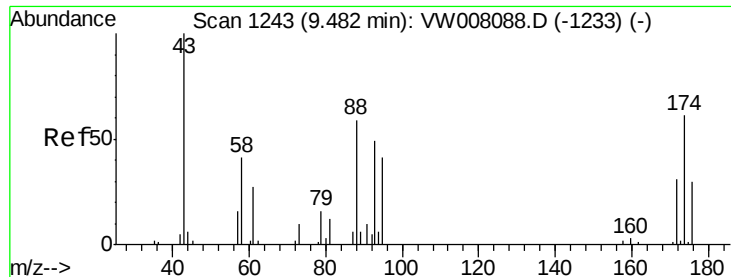
apatel
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#48
 Methyl methacrylate
 Concen: 57.413 ug/l
 RT: 9.43 min Scan# 1235
 Delta R.T. -0.01 min
 Lab File: VW008261.D
 Acq: 14 Jan 2019 21:56

Tgt Ion	41	Resp	35327
Ion Ratio	100	Lower	Upper
41	100		
69	88.2	61.9	92.9
39	55.9	43.0	64.4





#49

1,4-Dioxane

Concen: 1219.389 ug/l

RT: 9.47 min Scan# 1241

Delta R.T. -0.01 min

Lab File: VW008261.D

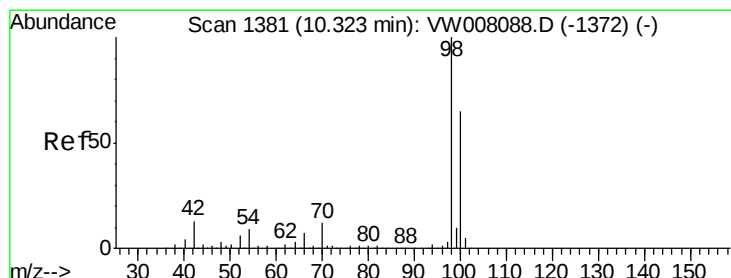
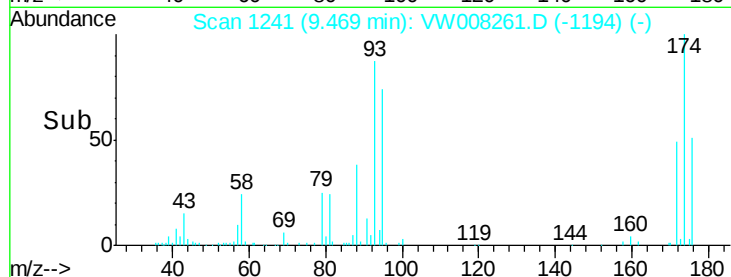
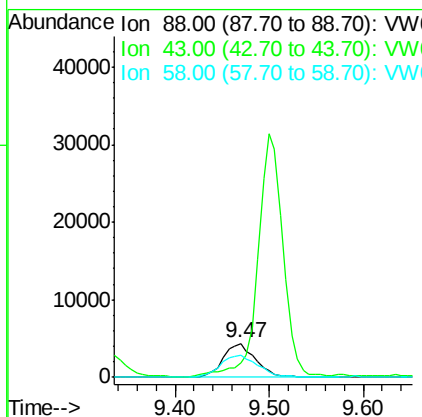
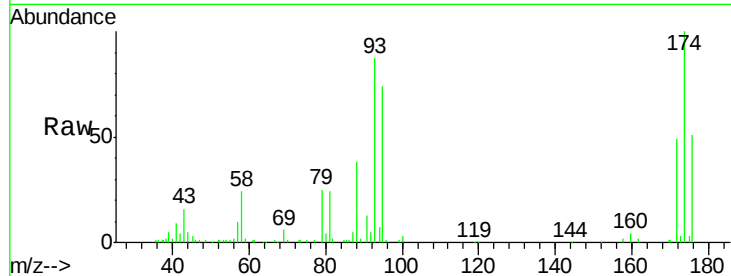
Acq: 14 Jan 2019 21:56

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion	88	Resp	10544
Ion	Ratio	Lower	Upper
88	100		
43	0.0	0.0	0.0
58	76.3	61.7	92.5

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#50

Toluene-d8

Concen: 52.180 ug/l

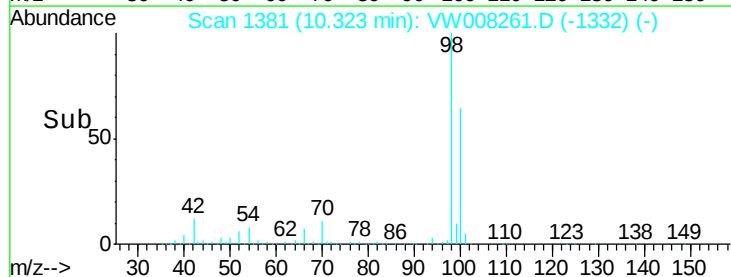
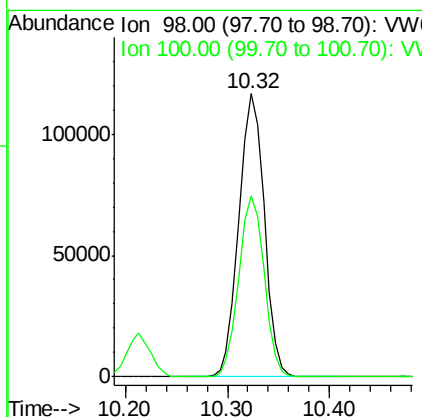
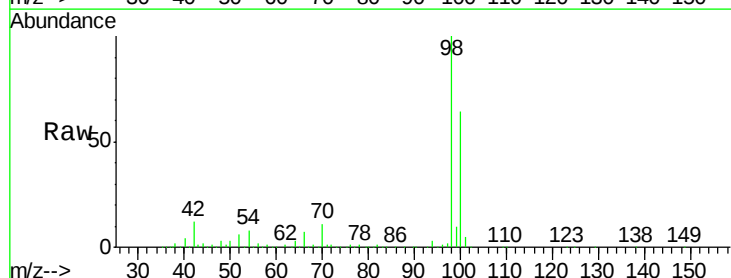
RT: 10.32 min Scan# 1381

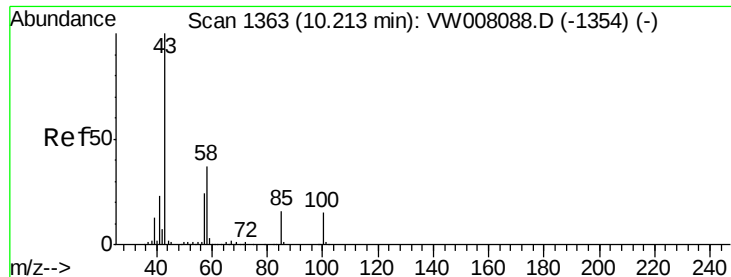
Delta R.T. -0.00 min

Lab File: VW008261.D

Acq: 14 Jan 2019 21:56

Tgt Ion	98	Resp	201833
Ion	Ratio	Lower	Upper
98	100		
100	63.9	51.7	77.5





#51

4-Methyl-2-Pentanone

Concen: 301.193 ug/l

RT: 10.21 min Scan# 1363

Delta R.T. -0.00 min

Lab File: VW008261.D

Acq: 14 Jan 2019 21:56

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 190117

Ion Ratio Lower Upper

43 100

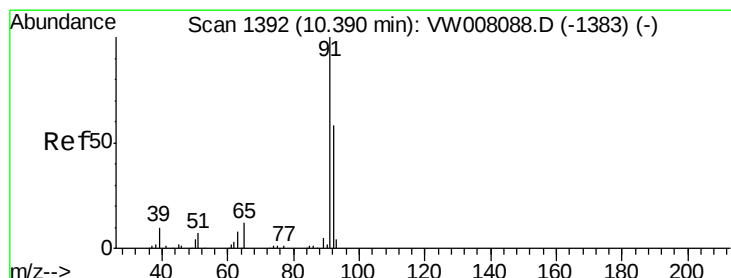
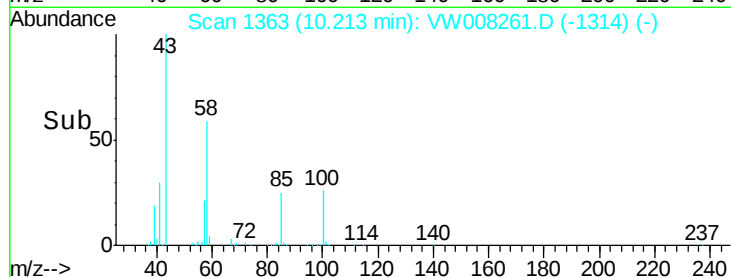
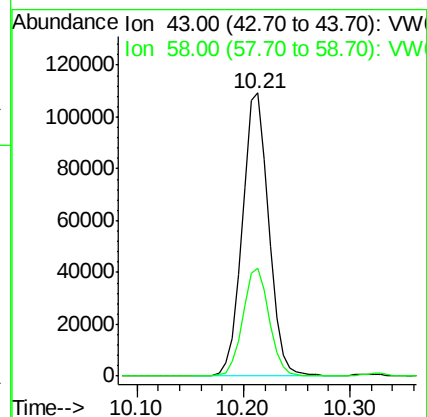
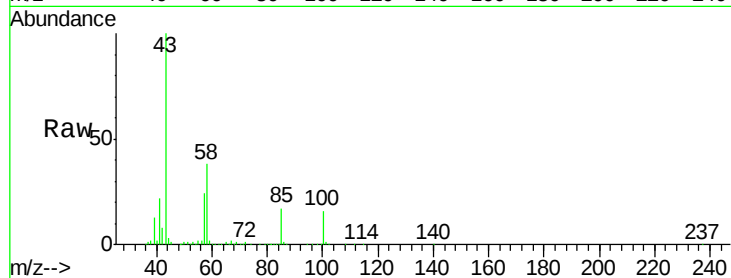
58 38.2 30.6 46.0

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#52

Toluene

Concen: 55.442 ug/l

RT: 10.39 min Scan# 1392

Delta R.T. -0.00 min

Lab File: VW008261.D

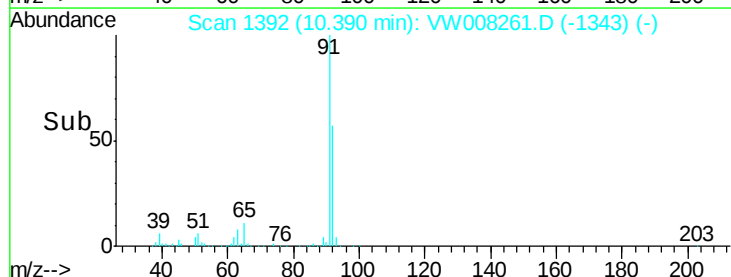
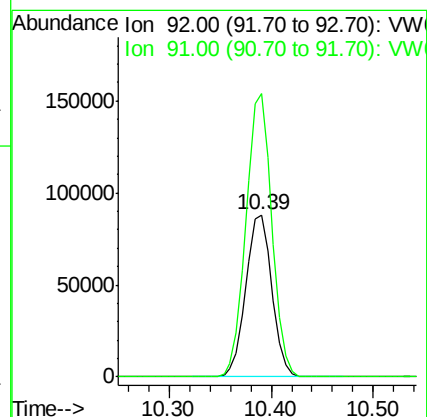
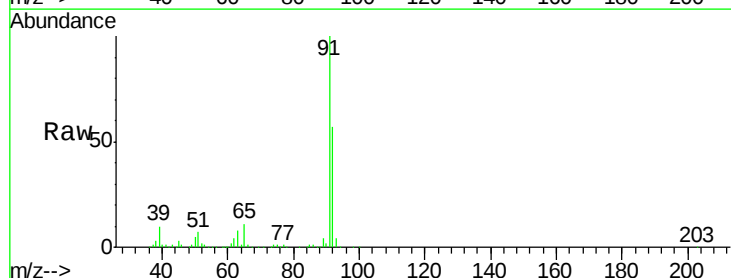
Acq: 14 Jan 2019 21:56

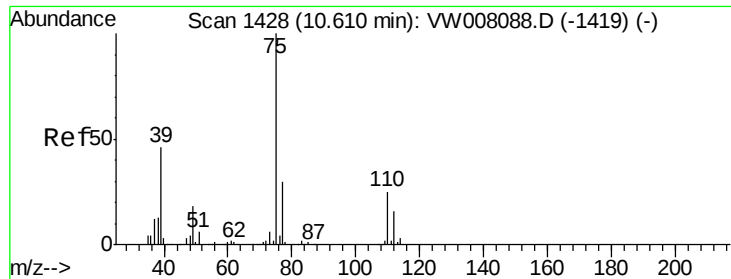
Tgt Ion: 92 Resp: 156339

Ion Ratio Lower Upper

92 100

91 173.0 137.0 205.4





#53

t-1,3-Dichloropropene

Concen: 56.463 ug/l

RT: 10.60 min Scan# 1427

Delta R.T. -0.01 min

Lab File: VW008261.D

Acq: 14 Jan 2019 21:56

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

Tot Ion: 75 Resp: 80186

Ion Ratio Lower Upper

75 100

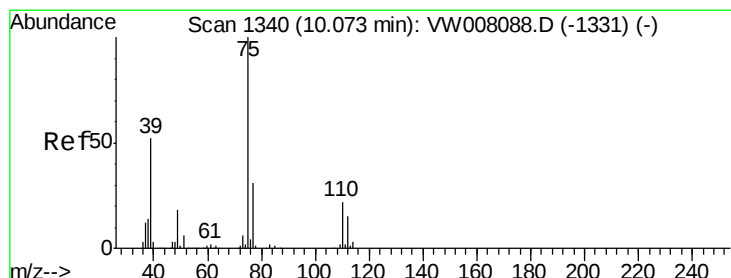
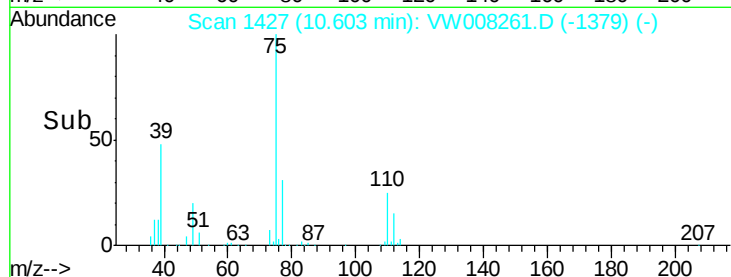
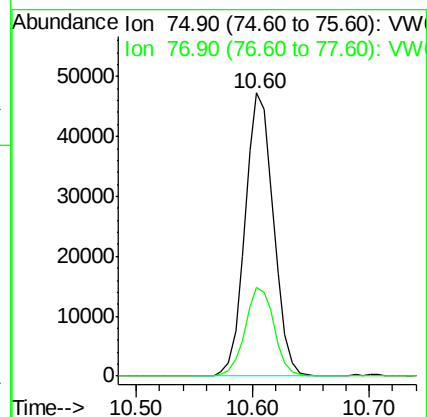
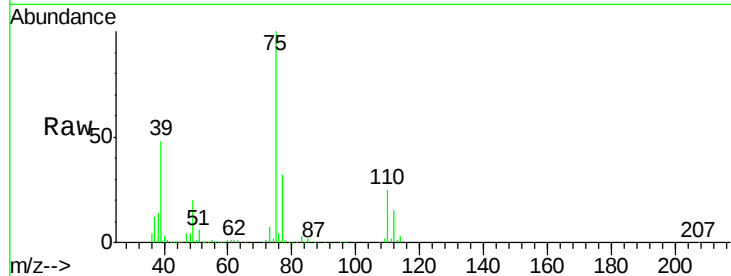
77 31.6 24.4 36.6

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#54

cis-1,3-Dichloropropene

Concen: 55.402 ug/l

RT: 10.07 min Scan# 1340

Delta R.T. -0.00 min

Lab File: VW008261.D

Acq: 14 Jan 2019 21:56

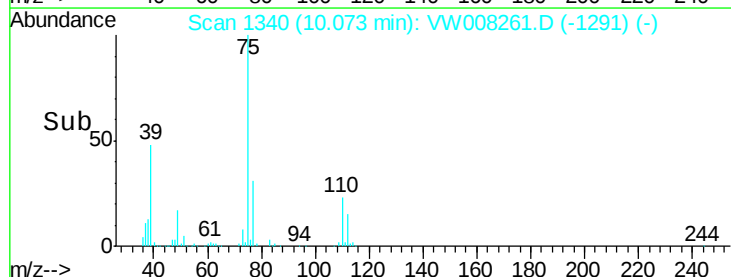
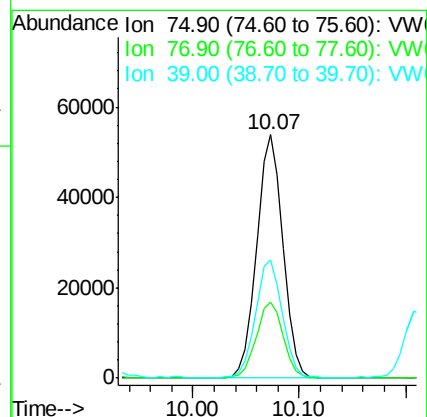
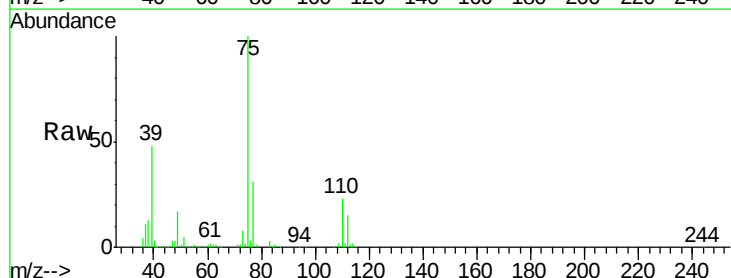
Tgt Ion: 75 Resp: 93298

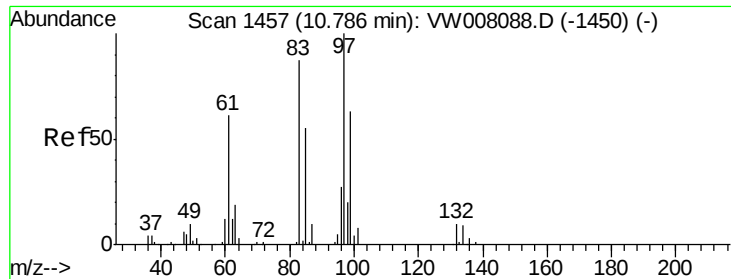
Ion Ratio Lower Upper

75 100

77 30.9 25.2 37.8

39 48.2 41.4 62.0





#55

1,1,2-Trichloroethane

Concen: 61.074 ug/l

RT: 10.79 min Scan# 1457

Delta R.T. -0.00 min

Lab File: VW008261.D

Acq: 14 Jan 2019 21:56

Instrument :

MSVOA_W

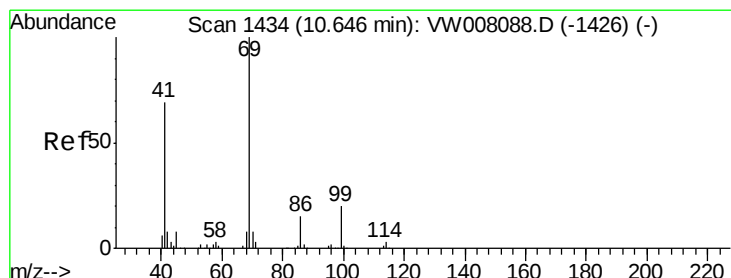
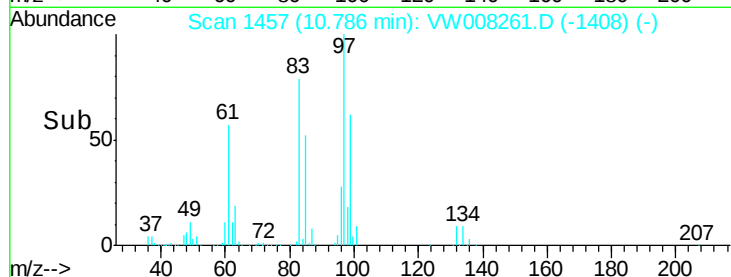
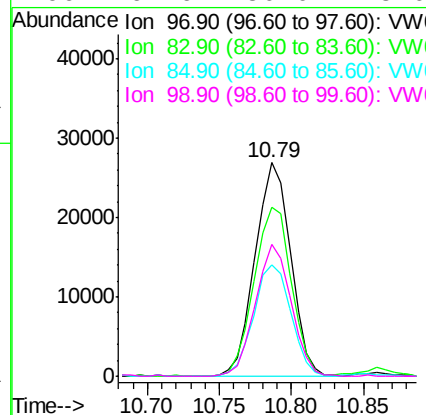
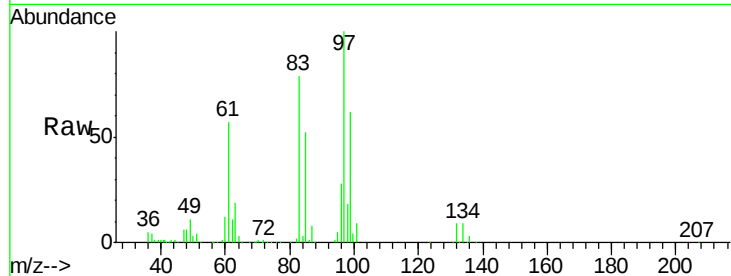
ClientSampleId :

VSTDCCC050EC

Tot Ion:	97	Resp:	46105
Ion	Ratio	Lower	Upper
97	100		
83	79.3	69.3	103.9
85	52.2	43.8	65.6
99	61.6	50.0	75.0

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#56

Ethyl methacrylate

Concen: 61.061 ug/l

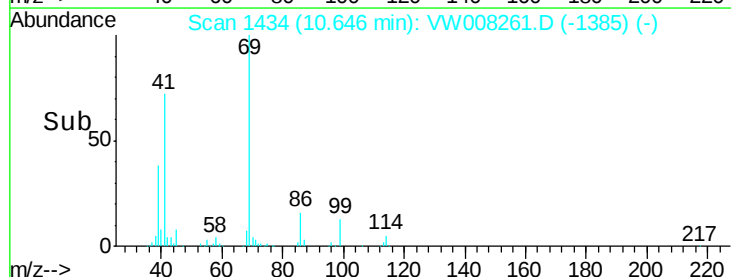
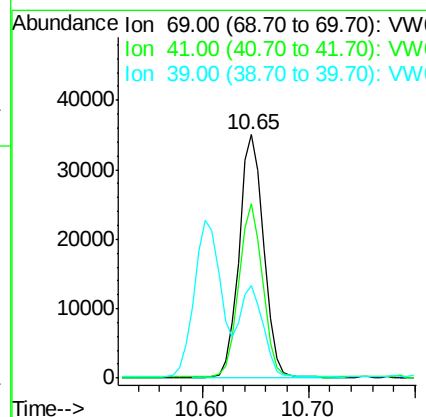
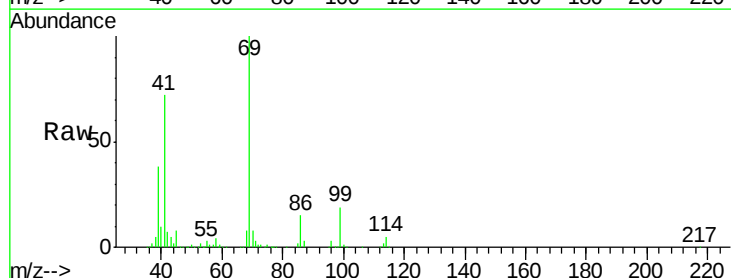
RT: 10.65 min Scan# 1434

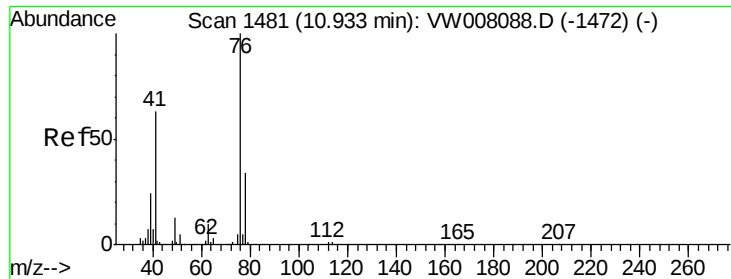
Delta R.T. -0.00 min

Lab File: VW008261.D

Acq: 14 Jan 2019 21:56

Tgt Ion:	69	Resp:	57085
Ion	Ratio	Lower	Upper
69	100		
41	68.7	56.4	84.6
39	34.7	28.1	42.1





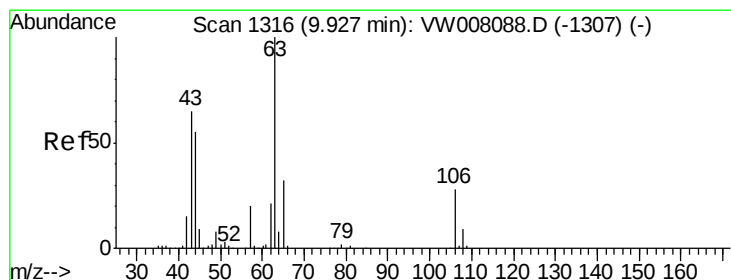
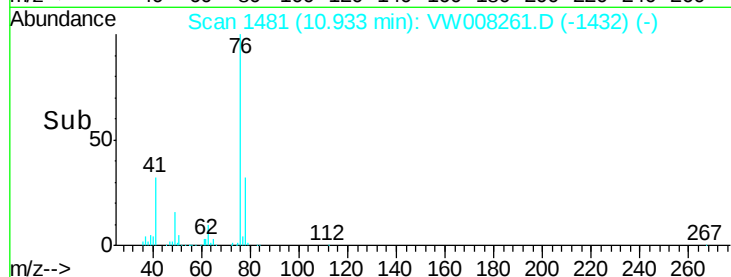
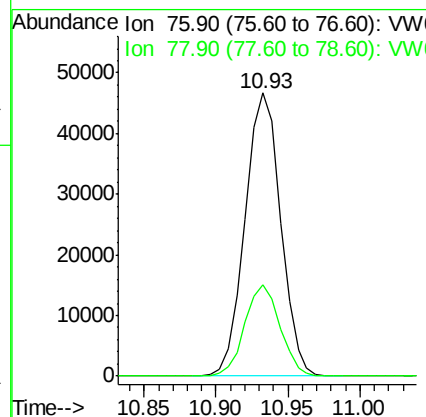
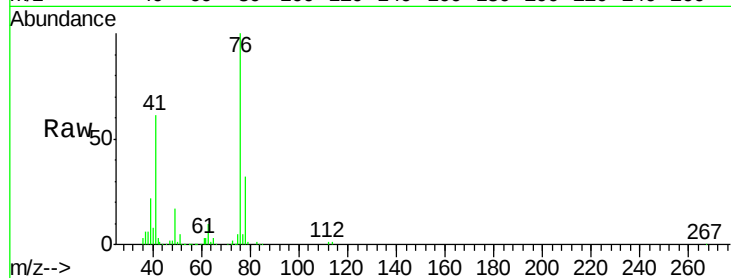
#57
 1,3-Dichloropropane
 Concen: 57.972 ug/l
 RT: 10.93 min Scan# 1481
 Delta R.T. -0.00 min
 Lab File: VW008261.D
 Acq: 14 Jan 2019 21:56

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

Tot Ion: 76 Resp: 80038
 Ion Ratio Lower Upper
 76 100
 78 32.0 25.7 38.5

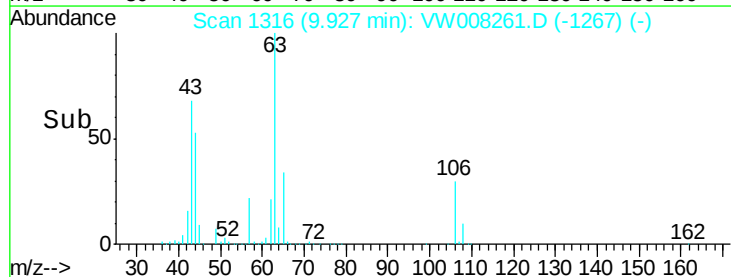
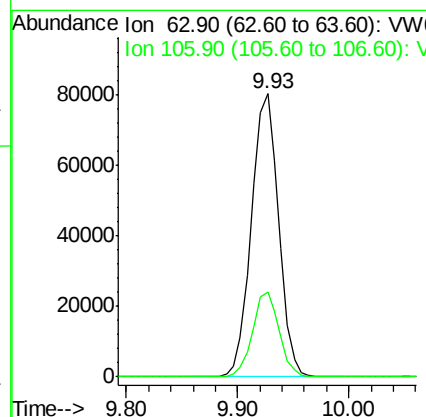
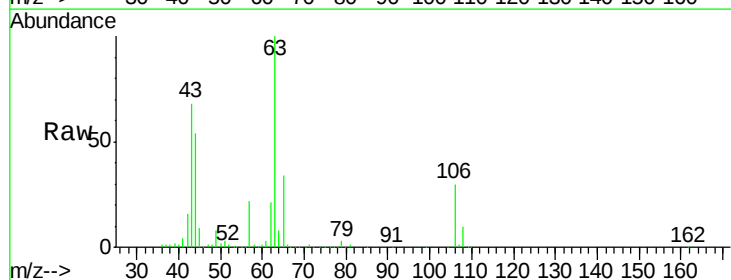
Manual Integrations
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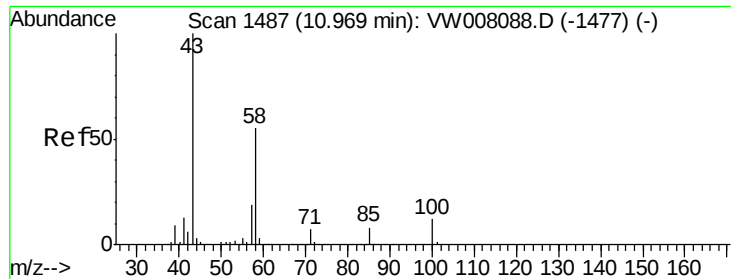
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#58
 2-Chloroethyl Vinyl ether
 Concen: 282.755 ug/l
 RT: 9.93 min Scan# 1316
 Delta R.T. -0.00 min
 Lab File: VW008261.D
 Acq: 14 Jan 2019 21:56

Tgt Ion: 63 Resp: 136547
 Ion Ratio Lower Upper
 63 100
 106 29.3 21.8 32.6





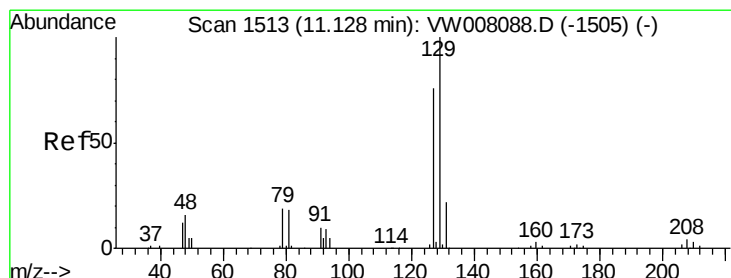
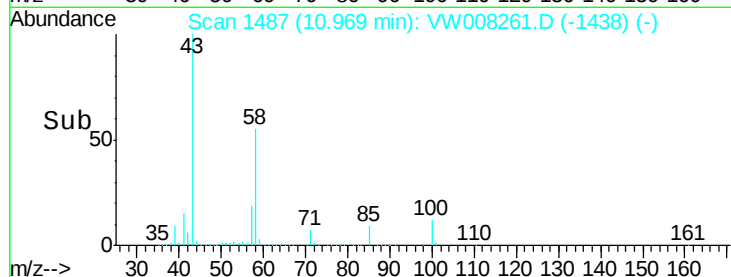
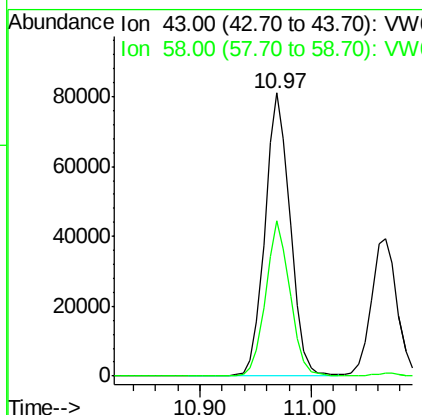
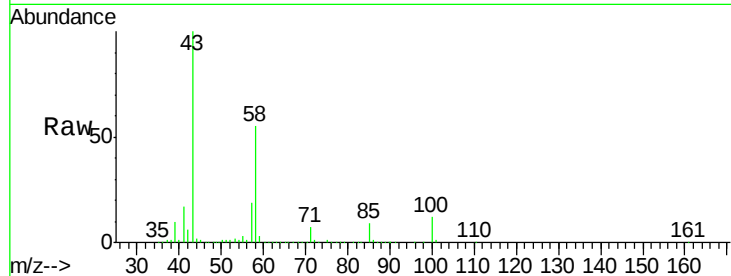
#59
2-Hexanone
Concen: 300.668 ug/l
RT: 10.97 min Scan# 1487
Delta R.T. -0.00 min
Lab File: VW008261.D
Acq: 14 Jan 2019 21:56

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion: 43 Resp: 128342
Ion Ratio Lower Upper
43 100
58 53.2 27.2 81.5

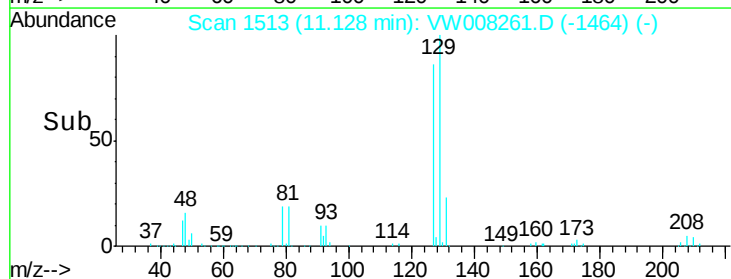
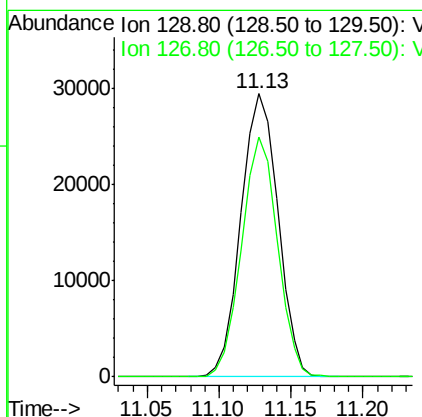
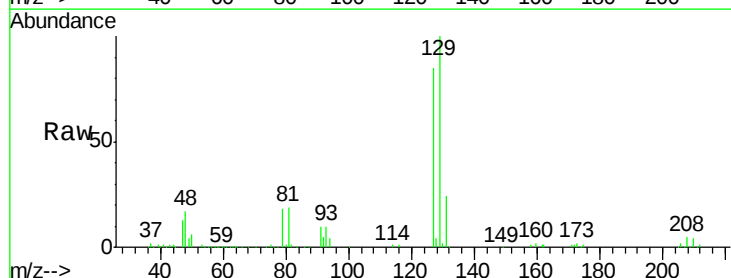
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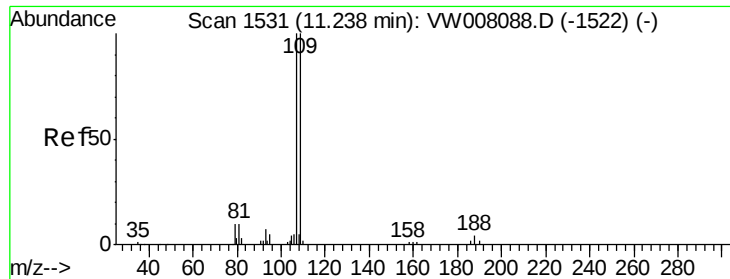
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#60
Dibromochloromethane
Concen: 63.576 ug/l
RT: 11.13 min Scan# 1513
Delta R.T. -0.00 min
Lab File: VW008261.D
Acq: 14 Jan 2019 21:56

Tgt Ion: 129 Resp: 52703
Ion Ratio Lower Upper
129 100
127 82.0 38.9 116.6





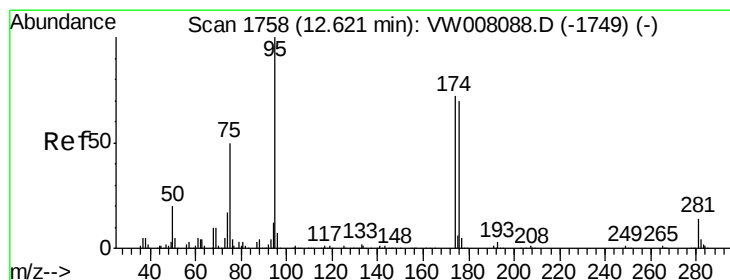
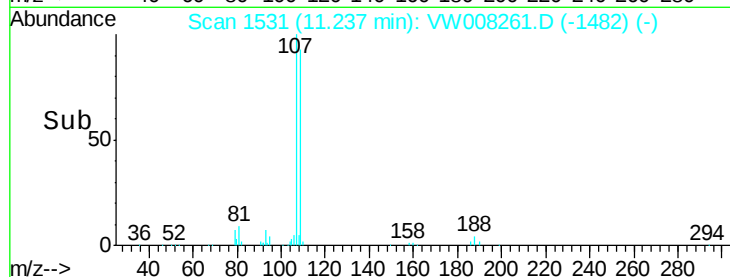
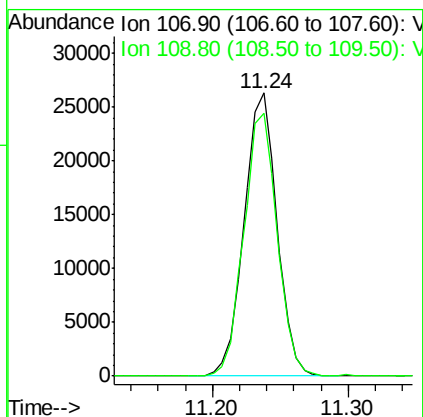
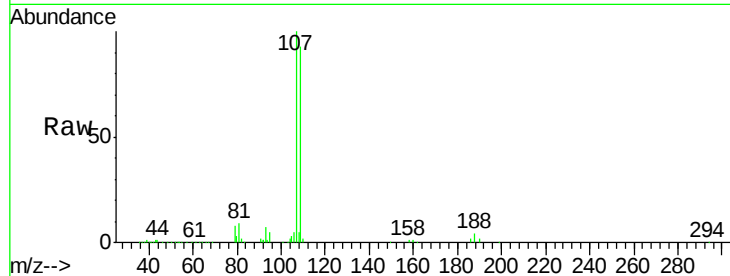
#61
 1,2-Dibromoethane
 Concen: 62.138 ug/l
 RT: 11.24 min Scan# 1531
 Delta R.T. -0.00 min
 Lab File: VW008261.D
 Acq: 14 Jan 2019 21:56

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

Tot Ion: 107 Resp: 44510
 Ion Ratio Lower Upper
 107 100
 109 94.4 75.9 113.9

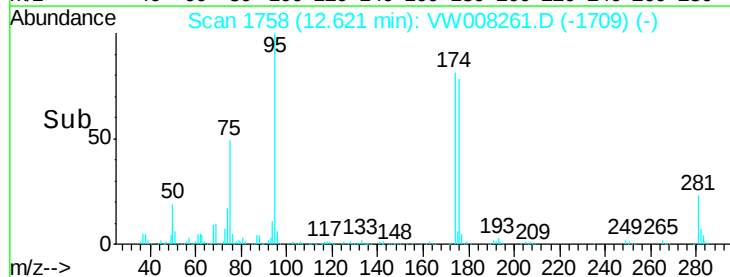
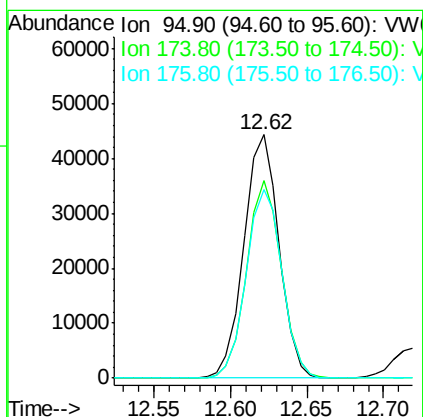
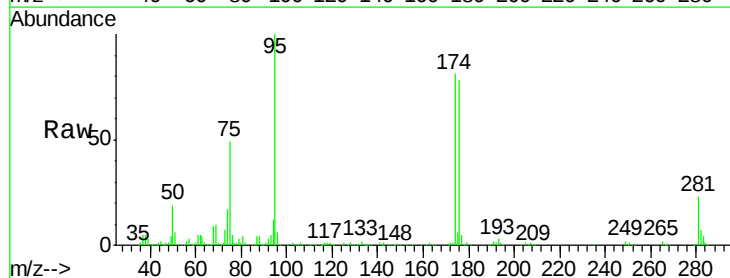
Manual Integrations
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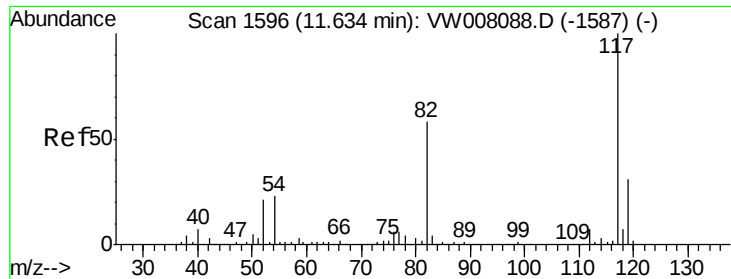
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#62
 4-Bromofluorobenzene
 Concen: 50.975 ug/l
 RT: 12.62 min Scan# 1758
 Delta R.T. -0.00 min
 Lab File: VW008261.D
 Acq: 14 Jan 2019 21:56

Tgt Ion: 95 Resp: 70685
 Ion Ratio Lower Upper
 95 100
 174 80.5 0.0 143.0
 176 79.0 0.0 140.2





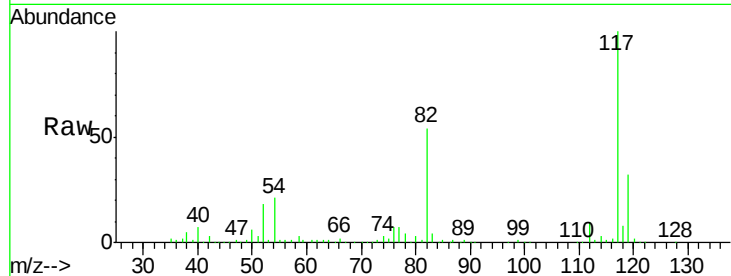
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW008261.D
Acq: 14 Jan 2019 21:56

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
117	100		
82	53.5	46.4	69.6
119	31.6	24.7	37.1

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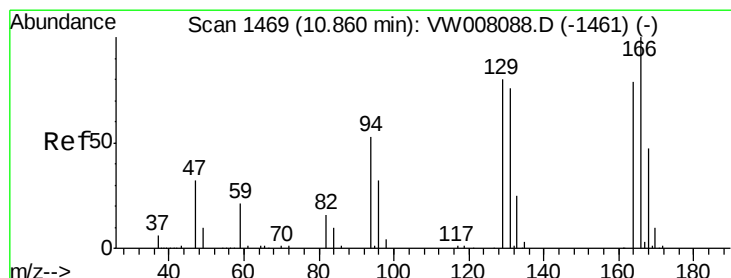
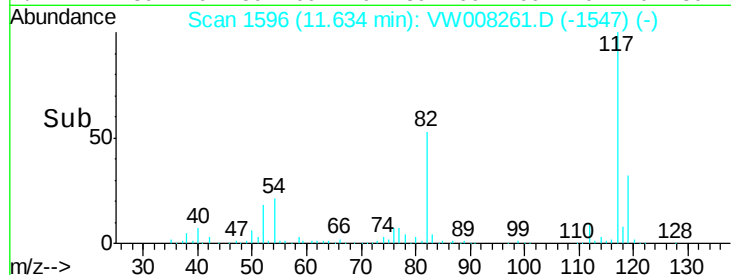
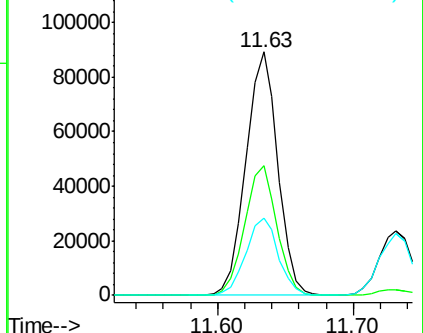


Abundance

Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): V

Ion 118.90 (118.60 to 119.60): V



#64
Tetrachloroethene
Concen: 57.047 ug/l
RT: 10.86 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VW008261.D
Acq: 14 Jan 2019 21:56

Tgt Ion	Ratio	Lower	Upper
164	100		
166	126.6	100.7	151.1
129	94.9	81.0	121.4
131	94.1	76.1	114.1

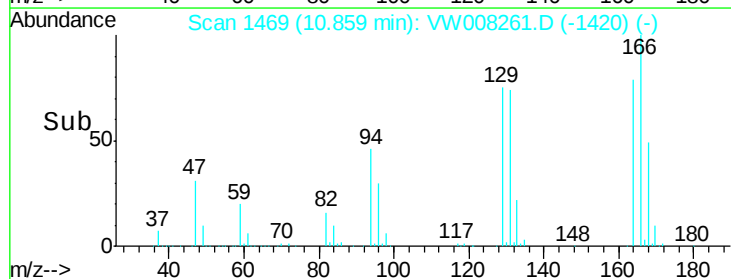
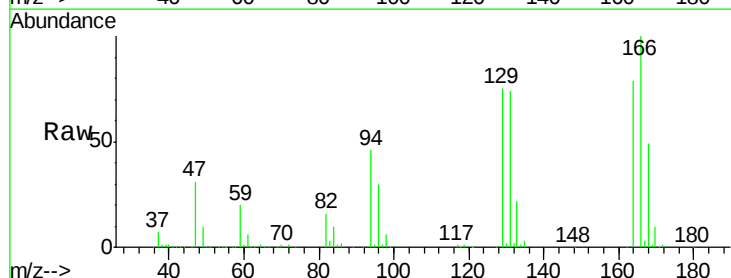
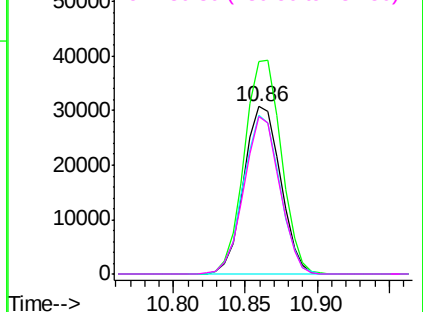
Abundance

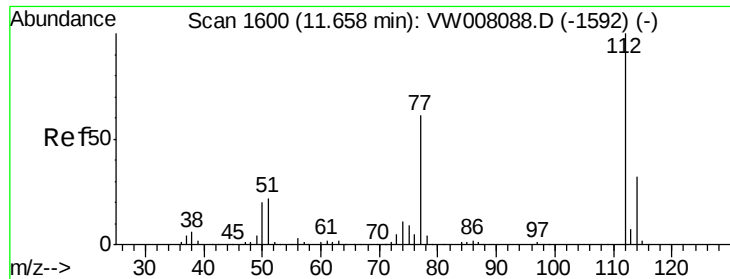
Ion 163.80 (163.50 to 164.50): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.80 (128.50 to 129.50): V

Ion 130.80 (130.50 to 131.50): V





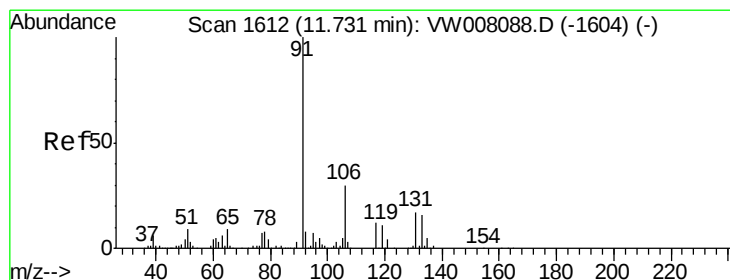
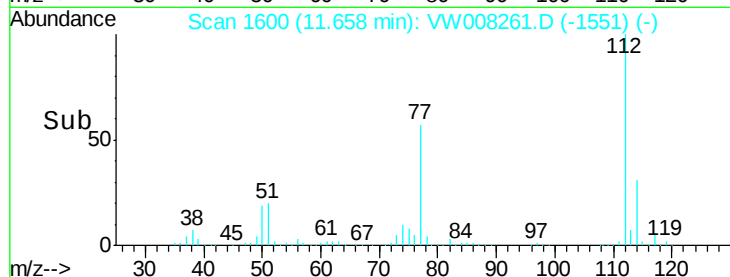
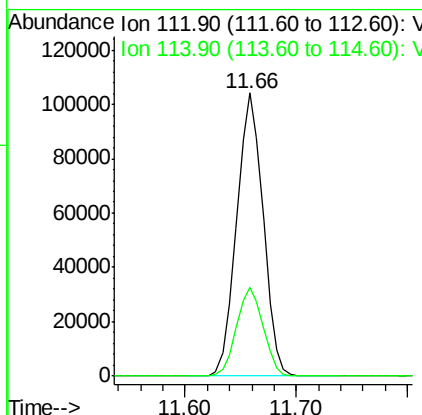
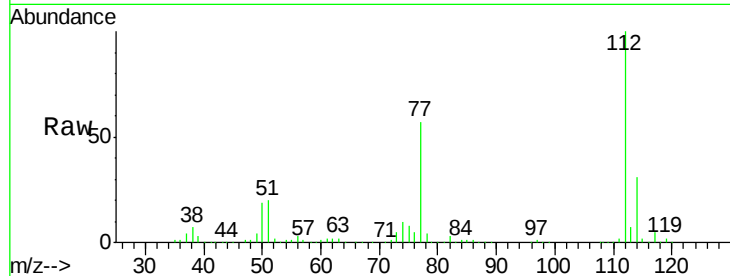
#65
Chlorobenzene
Concen: 55.306 ug/l
RT: 11.66 min Scan# 1600
Delta R.T. -0.00 min
Lab File: VW008261.D
Acq: 14 Jan 2019 21:56

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion:112 Resp: 171084
Ion Ratio Lower Upper
112 100
114 31.2 25.6 38.4

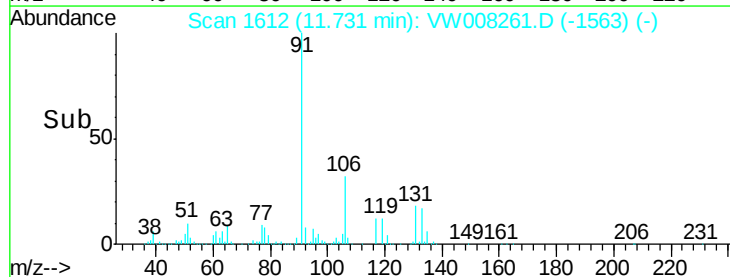
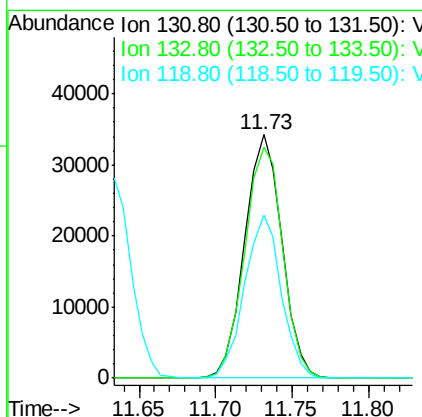
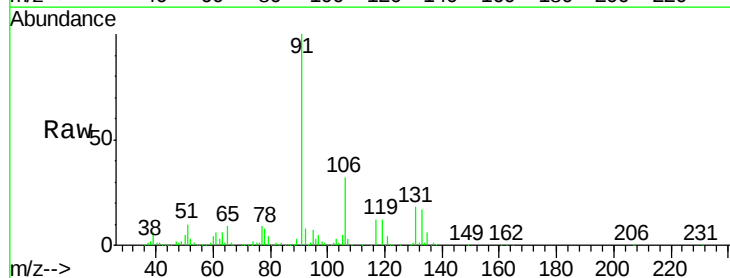
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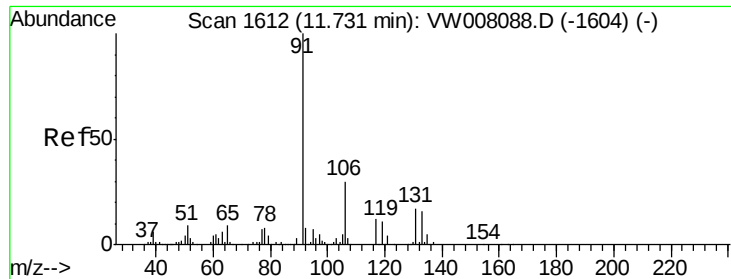
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#66
1,1,1,2-Tetrachloroethane
Concen: 57.834 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. -0.00 min
Lab File: VW008261.D
Acq: 14 Jan 2019 21:56

Tgt Ion:131 Resp: 58189
Ion Ratio Lower Upper
131 100
133 96.7 47.9 143.7
119 66.0 32.5 97.4





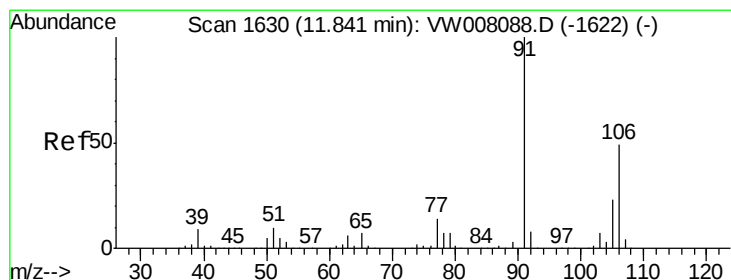
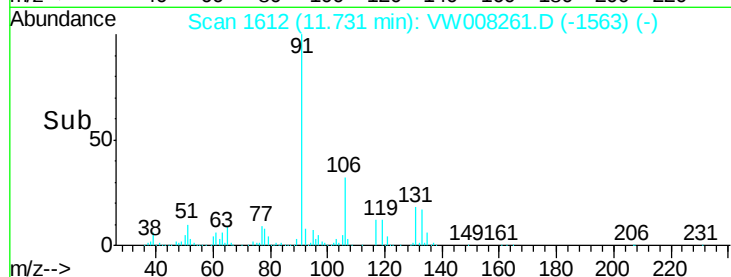
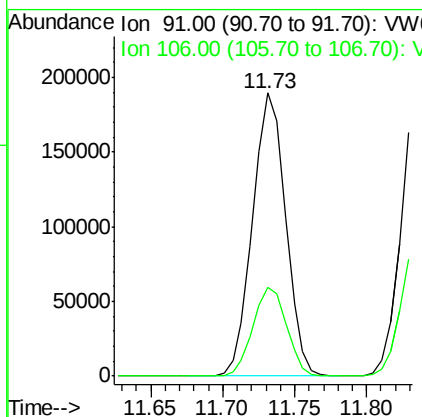
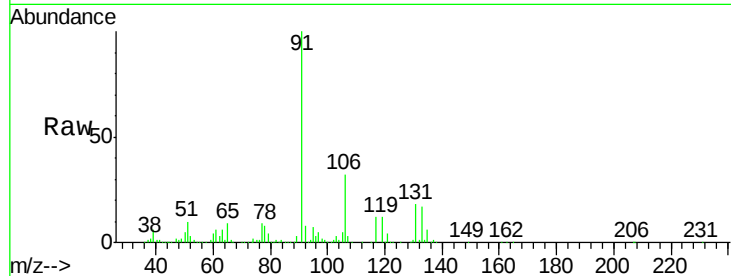
#67
Ethyl Benzene
Concen: 53.124 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. -0.00 min
Lab File: VW008261.D
Acq: 14 Jan 2019 21:56

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
91	100		
106	31.6	24.2	36.4

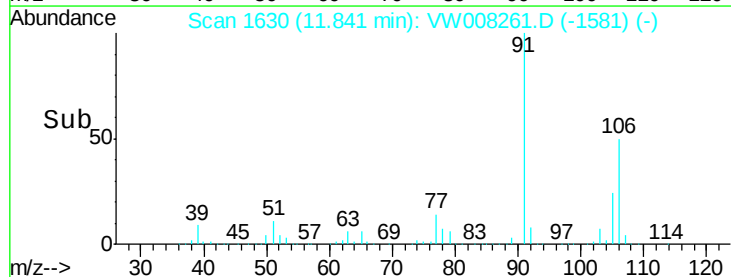
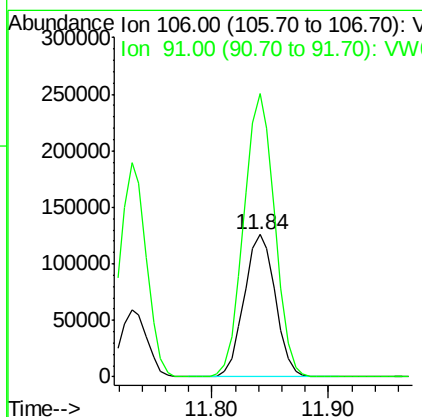
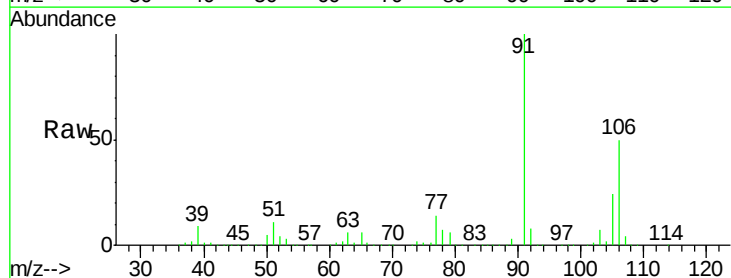
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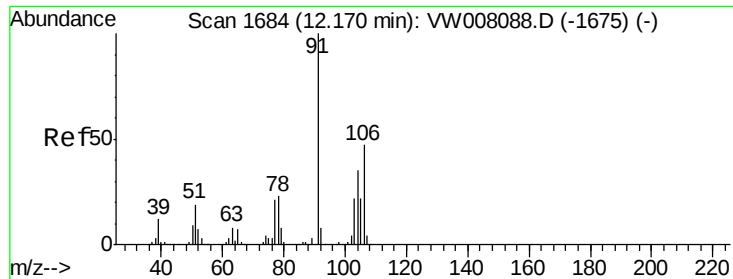
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#68
m/p-Xylenes
Concen: 108.518 ug/l
RT: 11.84 min Scan# 1630
Delta R.T. -0.00 min
Lab File: VW008261.D
Acq: 14 Jan 2019 21:56

Tgt Ion	Ratio	Lower	Upper
106	100		
91	197.0	162.4	243.6





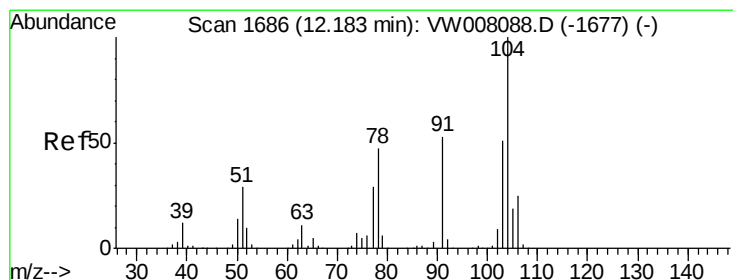
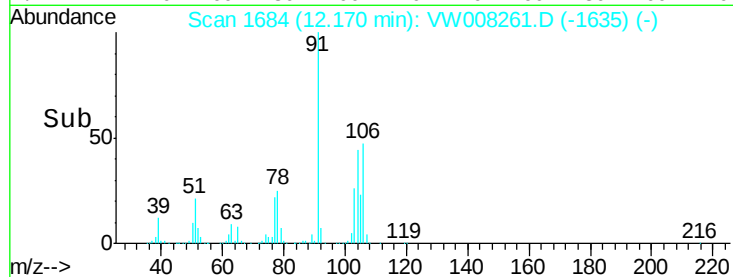
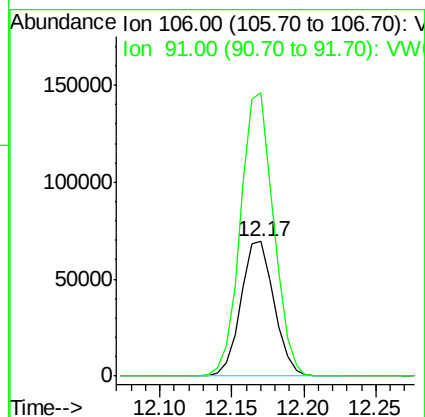
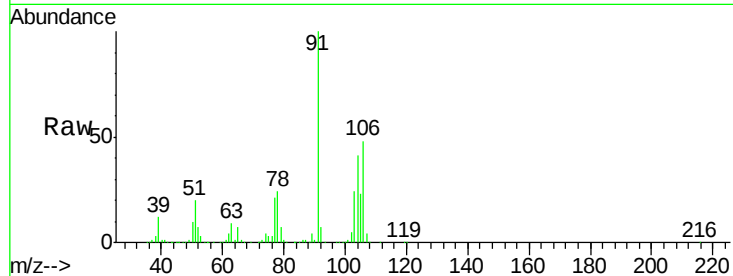
#69
o-Xylene
Concen: 55.405 ug/l
RT: 12.17 min Scan# 1684
Delta R.T. -0.00 min
Lab File: VW008261.D
Acq: 14 Jan 2019 21:56

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion:106 Resp: 110845
Ion Ratio Lower Upper
106 100
91 209.6 107.8 323.6

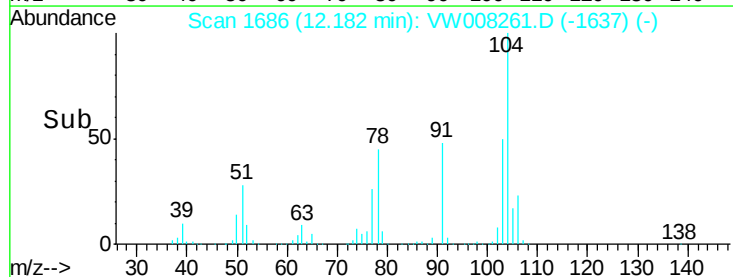
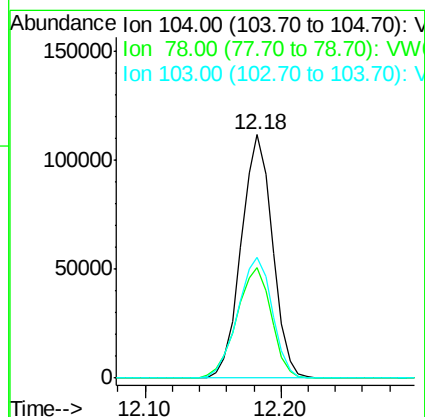
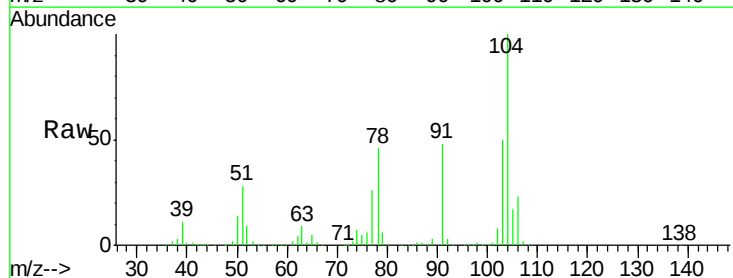
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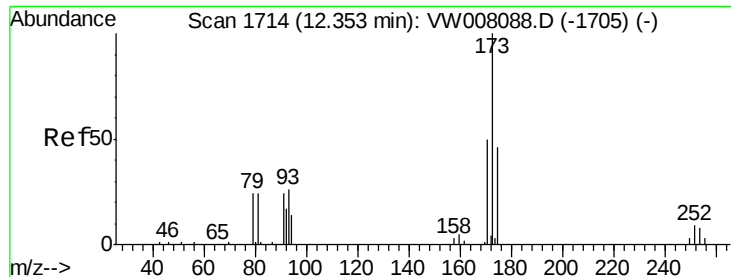
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#70
Styrene
Concen: 57.202 ug/l
RT: 12.18 min Scan# 1686
Delta R.T. -0.00 min
Lab File: VW008261.D
Acq: 14 Jan 2019 21:56

Tgt Ion:104 Resp: 179248
Ion Ratio Lower Upper
104 100
78 50.5 41.8 62.8
103 55.1 43.8 65.8





#71

Bromoform

Concen: 68.221 ug/l

RT: 12.35 min Scan# 1714

Delta R.T. -0.00 min

Lab File: VW008261.D

Acq: 14 Jan 2019 21:56

Instrument :

MSVOA_W

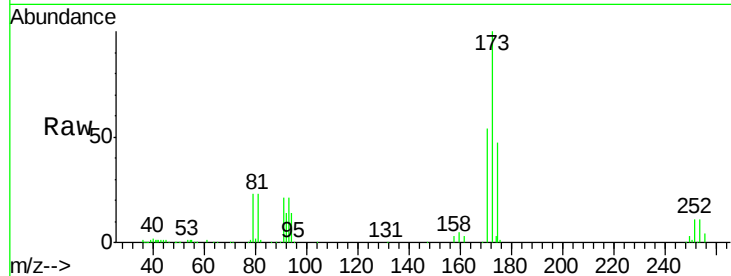
ClientSampleId :

VSTDCCC050EC

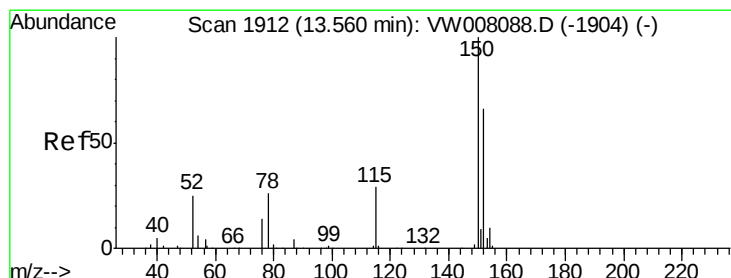
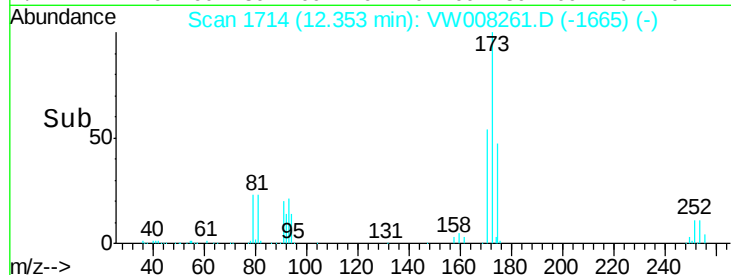
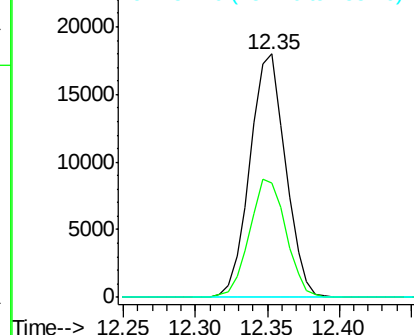
Tot Ion:	173	Resp:	30720
Ion Ratio	Lower	Upper	
173	100		
175	49.6	23.3	69.8
254	0.0	0.0	0.0

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



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

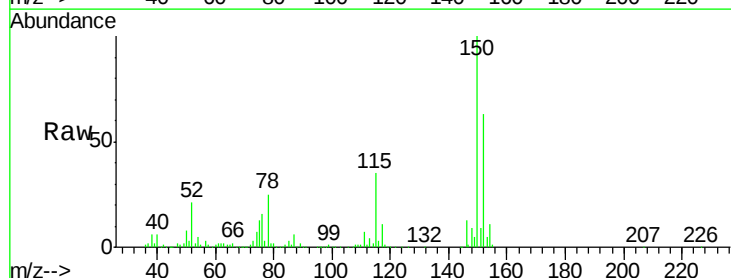
RT: 13.56 min Scan# 1912

Delta R.T. -0.00 min

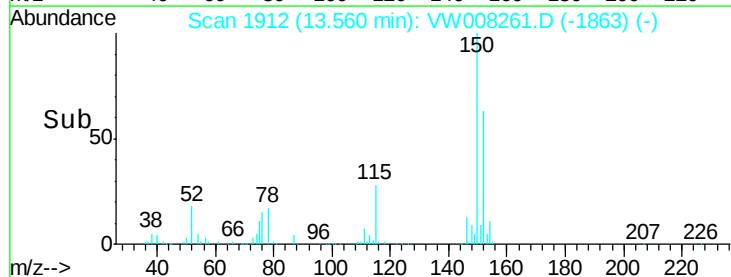
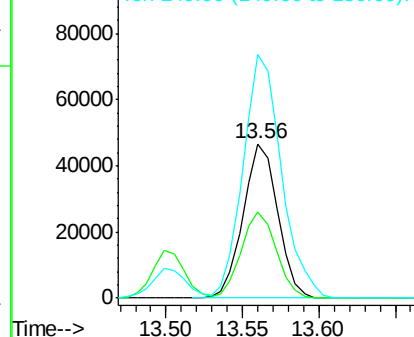
Lab File: VW008261.D

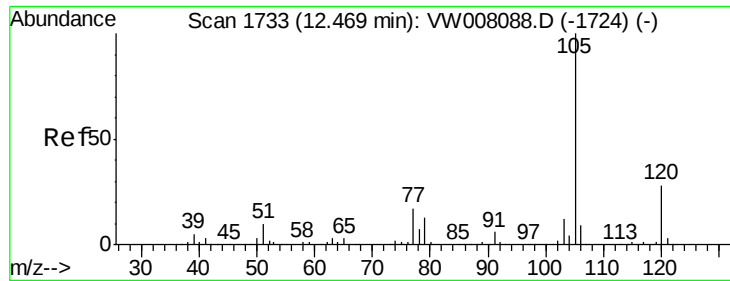
Acq: 14 Jan 2019 21:56

Tgt Ion:	152	Resp:	73257
Ion Ratio	Lower	Upper	
152	100		
115	56.4	30.8	92.4
150	175.4	0.0	350.2



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





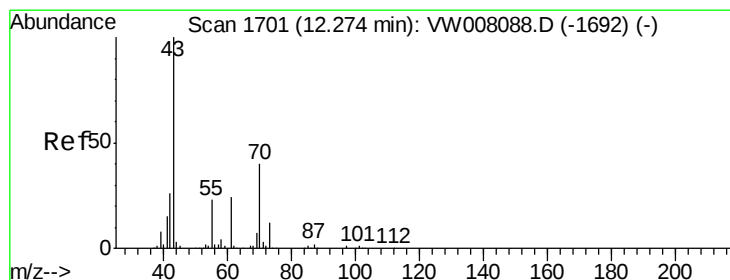
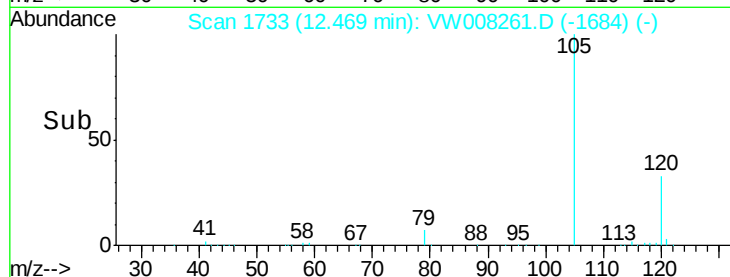
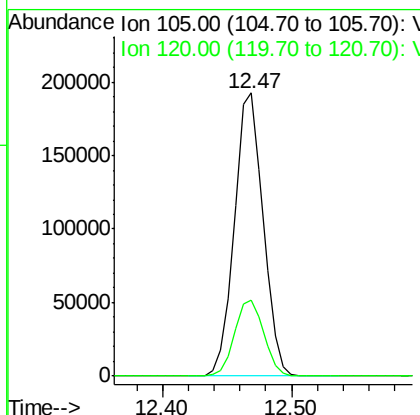
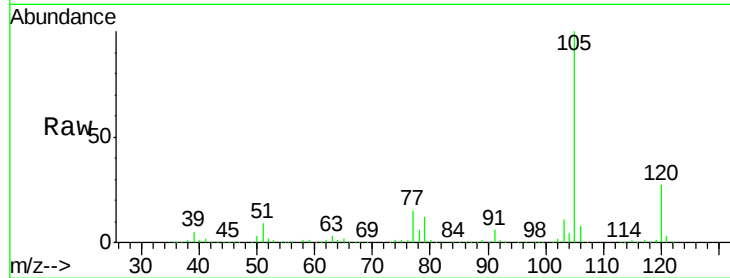
#73
Isopropylbenzene
Concen: 51.908 ug/l
RT: 12.47 min Scan# 1733
Delta R.T. -0.00 min
Lab File: VW008261.D
Acq: 14 Jan 2019 21:56

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion: 105 Resp: 298543
Ion Ratio Lower Upper
105 100
120 27.3 13.6 40.8

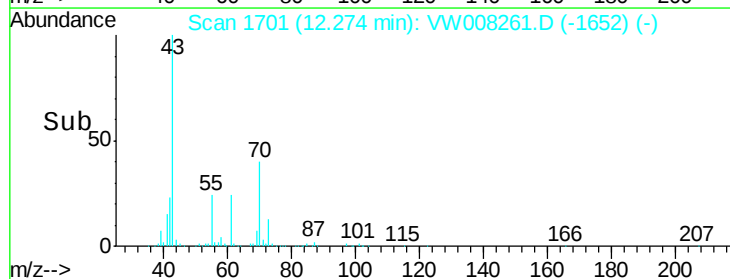
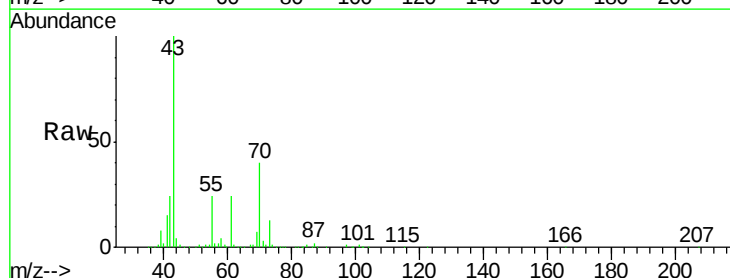
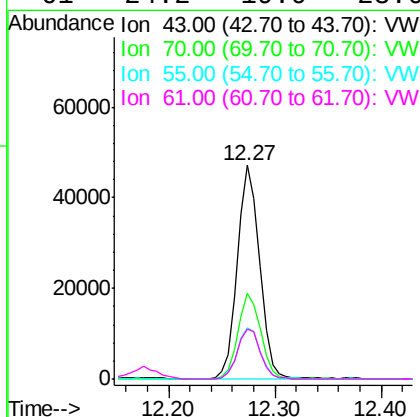
Manual Integrations
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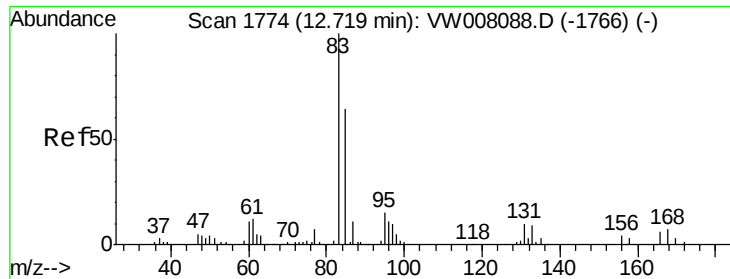
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#74
N-ethyl acetate
Concen: 54.495 ug/l
RT: 12.27 min Scan# 1701
Delta R.T. -0.00 min
Lab File: VW008261.D
Acq: 14 Jan 2019 21:56

Tgt Ion: 43 Resp: 69408
Ion Ratio Lower Upper
43 100
70 40.8 32.4 48.6
55 25.3 18.7 28.1
61 24.2 19.0 28.6





#75

1,1,2,2-Tetrachloroethane

Concen: 57.794 ug/l

RT: 12.72 min Scan# 1774

Delta R.T. -0.00 min

Lab File: VW008261.D

Acq: 14 Jan 2019 21:56

Instrument :

MSVOA_W

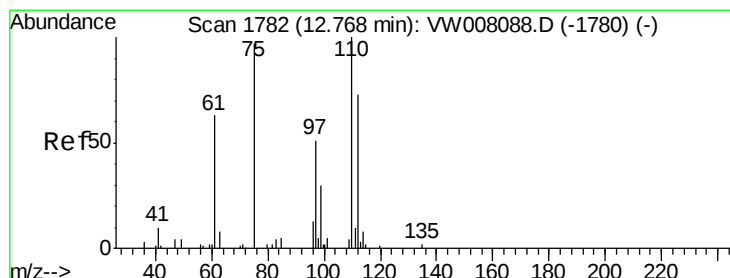
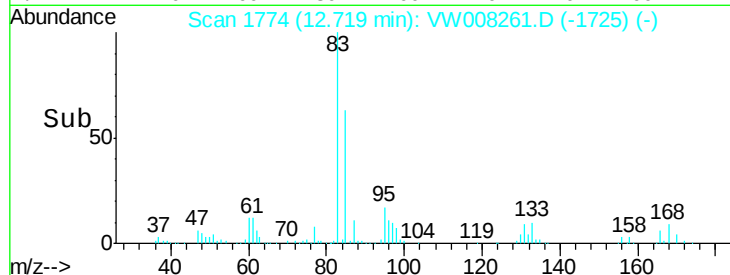
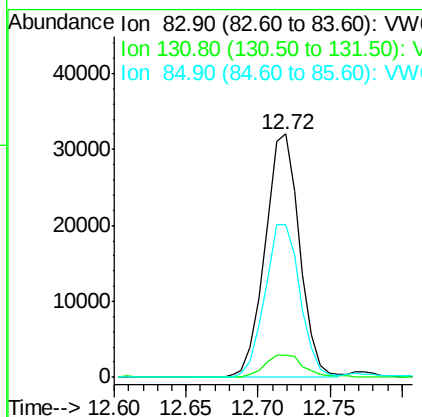
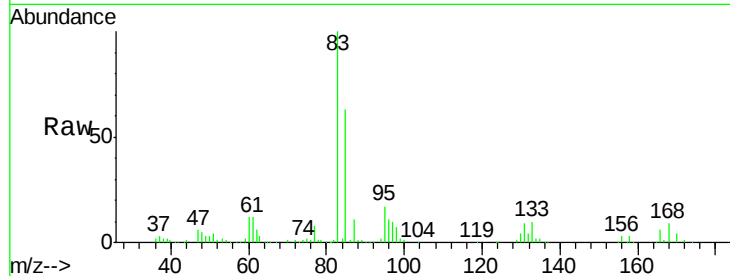
ClientSampleId :

VSTDCCC050EC

Tot Ion:	83	Resp:	53204
Ion Ratio	Lower	Upper	
83	100		
131	10.7	5.3	16.1
85	64.2	32.4	97.2

Manual Integrations
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#76

1,2,3-Trichloropropane

Concen: 56.518 ug/l m

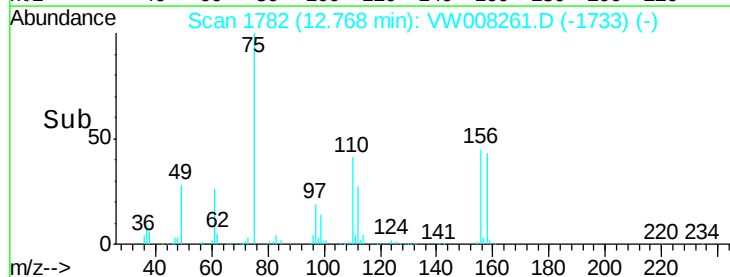
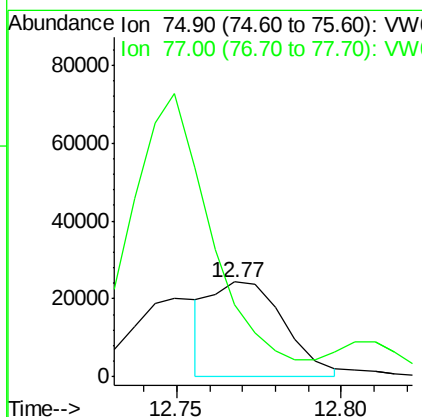
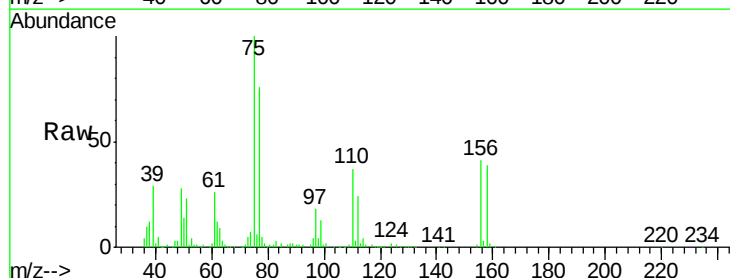
RT: 12.77 min Scan# 1782

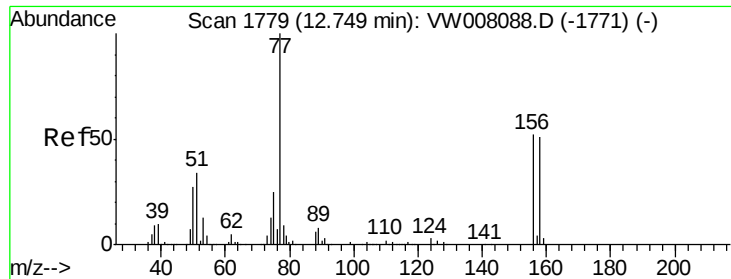
Delta R.T. -0.00 min

Lab File: VW008261.D

Acq: 14 Jan 2019 21:56

Tgt Ion:	75	Resp:	37744
Ion Ratio	Lower	Upper	
75	100		
77	338.4	179.4	538.2





#77

Bromobenzene

Concen: 57.274 ug/l

RT: 12.75 min Scan# 1779

Delta R.T. -0.00 min

Lab File: VW008261.D

Acq: 14 Jan 2019 21:56

Instrument :

MSVOA_W

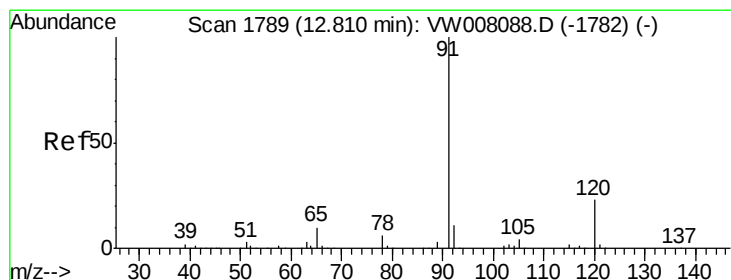
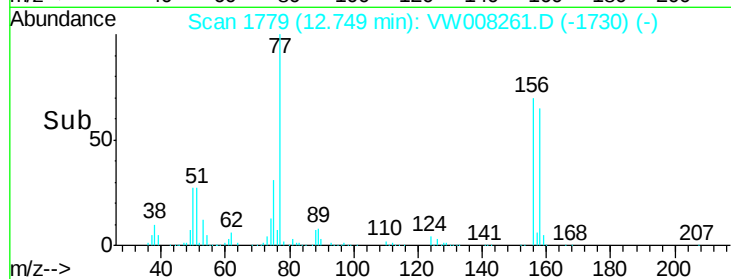
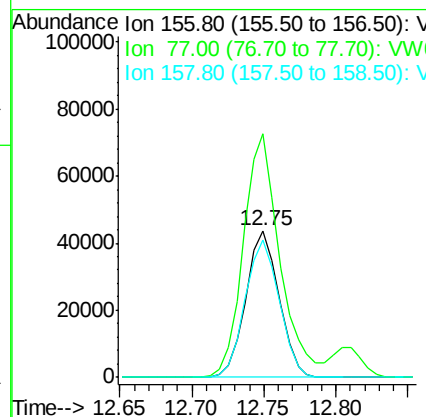
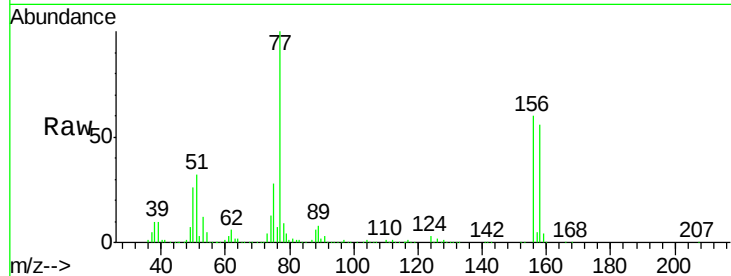
ClientSampleId :

VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
156	100		
77	183.5	104.2	312.5
158	95.9	47.9	143.6

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#78

n-propylbenzene

Concen: 50.561 ug/l

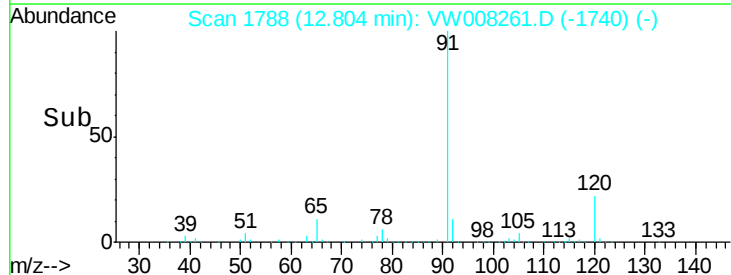
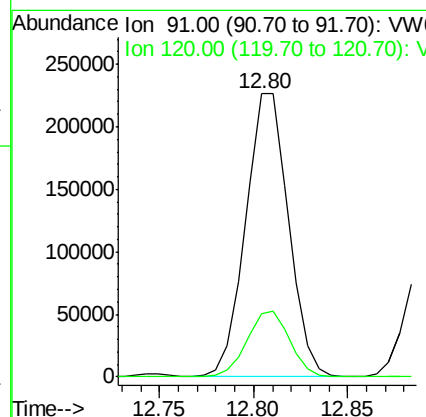
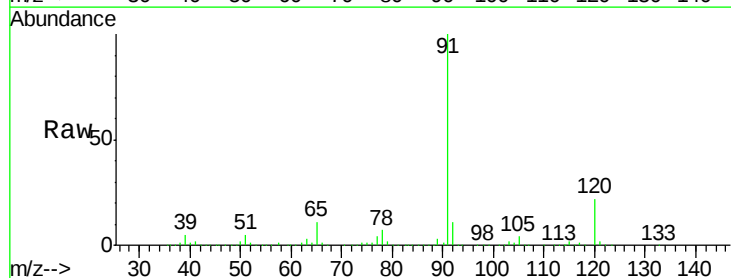
RT: 12.80 min Scan# 1788

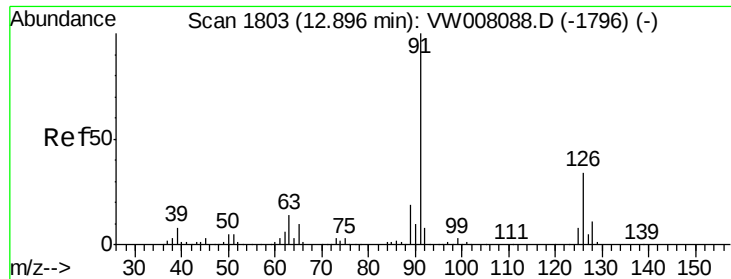
Delta R.T. -0.01 min

Lab File: VW008261.D

Acq: 14 Jan 2019 21:56

Tgt Ion	Ratio	Lower	Upper
91	100		
120	23.2	11.3	33.8





#79

2-Chlorotoluene

Concen: 50.712 ug/l

RT: 12.90 min Scan# 1803

Delta R.T. -0.00 min

Lab File: VW008261.D

Acq: 14 Jan 2019 21:56

Instrument :

MSVOA_W

ClientSampled :

VSTDCCC050EC

Tot Ion: 91 Resp: 199379

Ion Ratio Lower Upper

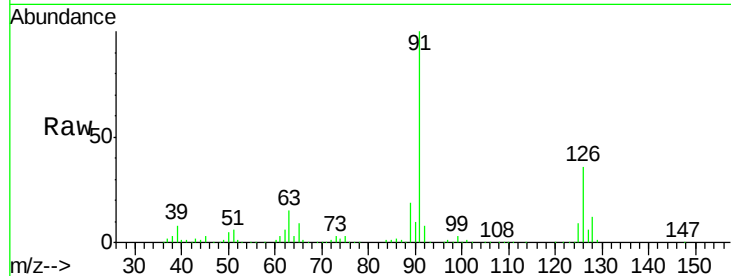
91 100

126 34.9 16.8 50.3

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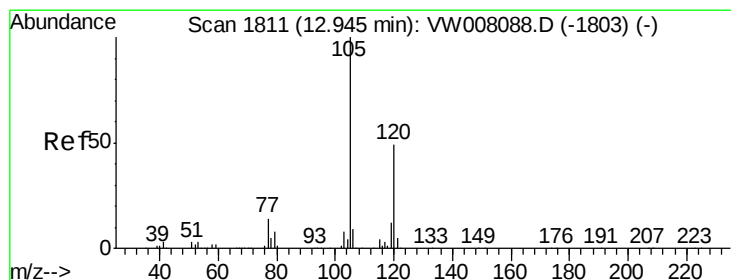
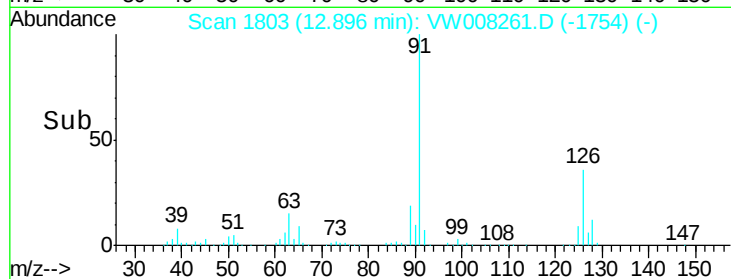
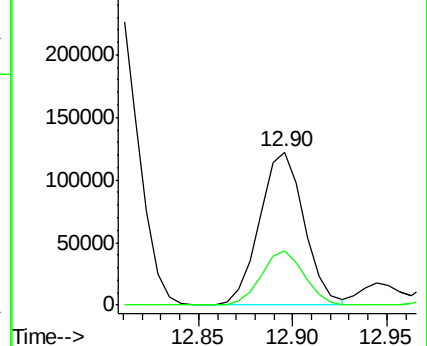
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Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 125.90 (125.60 to 126.60): V



#80

1,3,5-Trimethylbenzene

Concen: 51.957 ug/l

RT: 12.94 min Scan# 1811

Delta R.T. -0.00 min

Lab File: VW008261.D

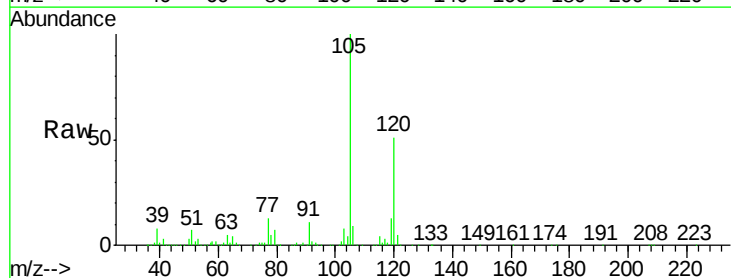
Acq: 14 Jan 2019 21:56

Tgt Ion:105 Resp: 245561

Ion Ratio Lower Upper

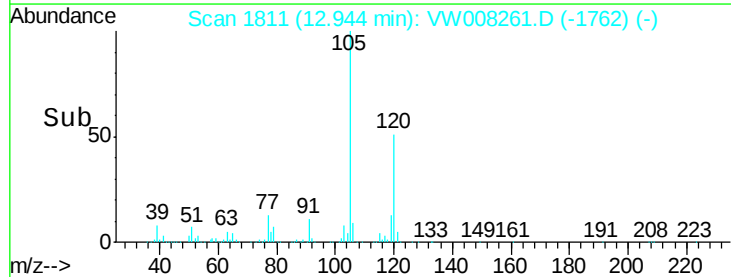
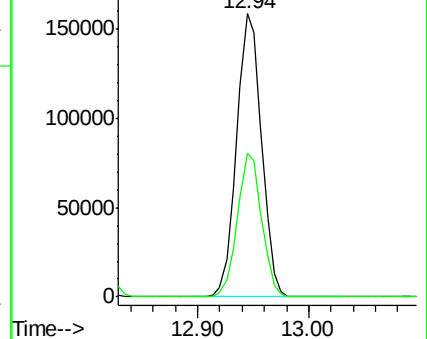
105 100

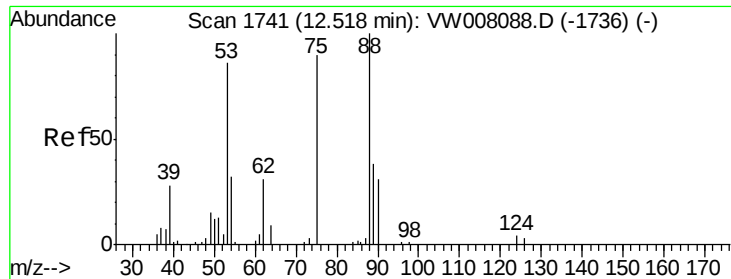
120 49.5 24.7 74.1



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: 56.159 ug/l

RT: 12.52 min Scan# 1741

Delta R.T. -0.00 min

Lab File: VW008261.D

Acq: 14 Jan 2019 21:56

Instrument :

MSVOA_W

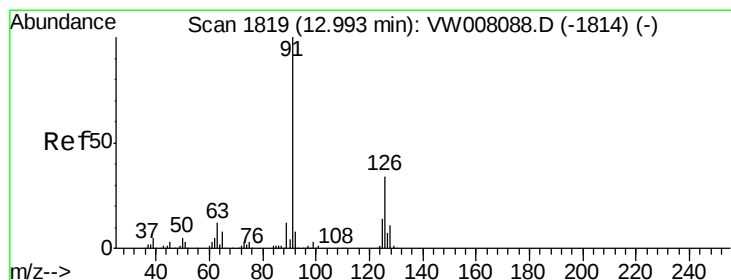
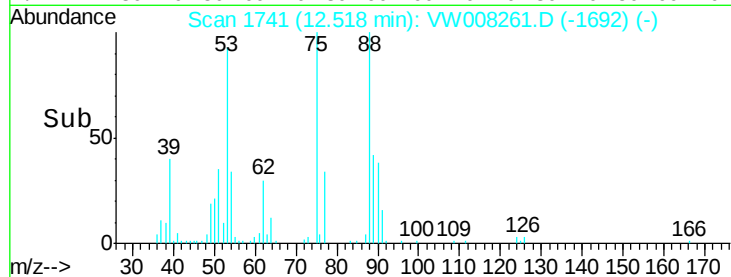
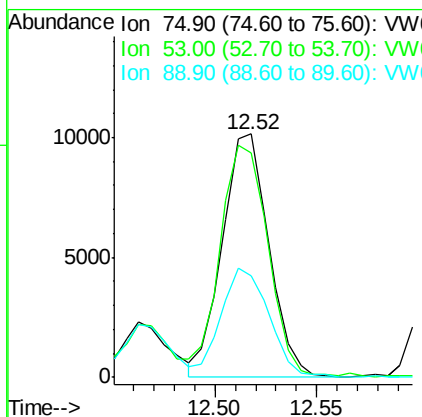
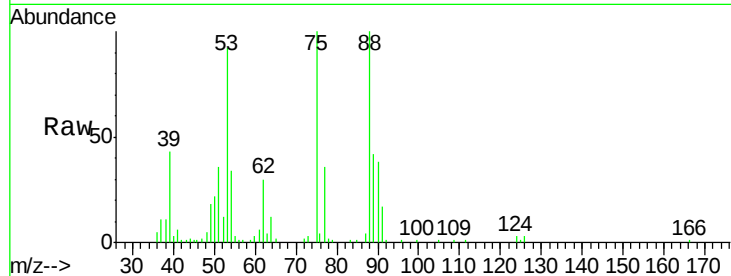
ClientSampleId :

VSTDCCC050EC

Tot Ion:	75	Resp:	16105
Ion	Ratio	Lower	Upper
75	100		
53	98.4	78.8	118.2
89	46.1	35.4	53.2

Manual Integrations
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#82

4-Chlorotoluene

Concen: 49.894 ug/l

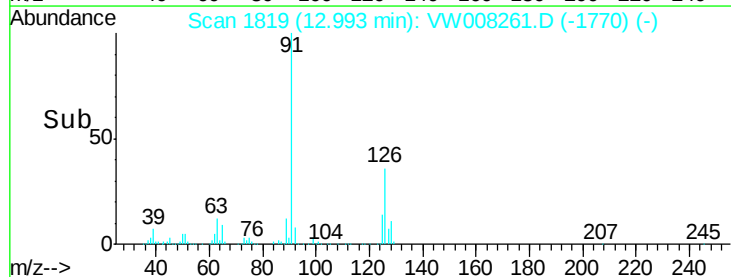
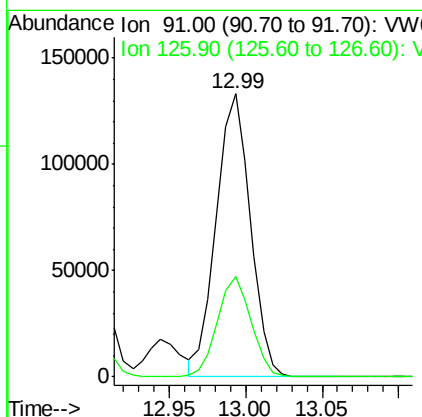
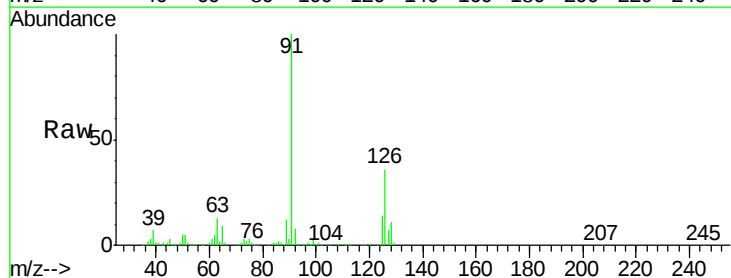
RT: 12.99 min Scan# 1819

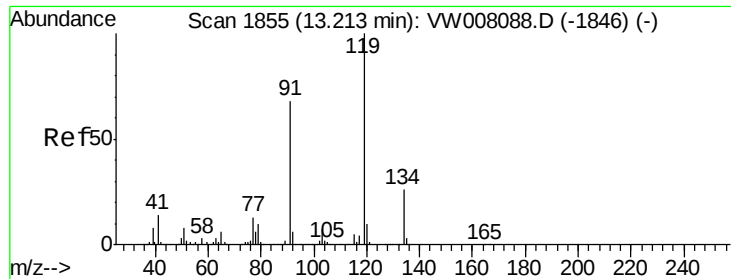
Delta R.T. -0.00 min

Lab File: VW008261.D

Acq: 14 Jan 2019 21:56

Tgt Ion:	91	Resp:	206600
Ion	Ratio	Lower	Upper
91	100		
126	35.0	16.5	49.5





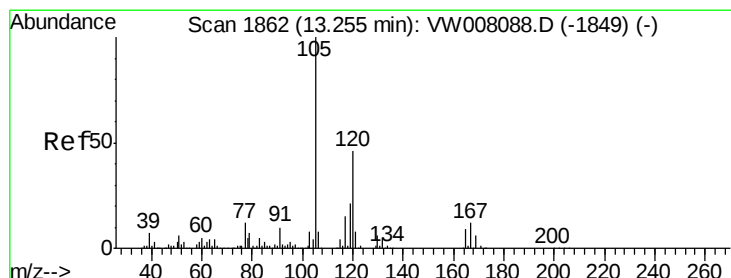
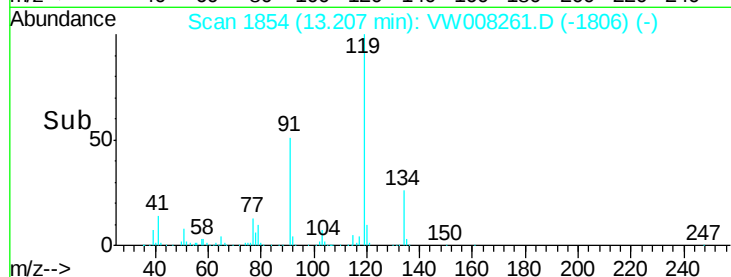
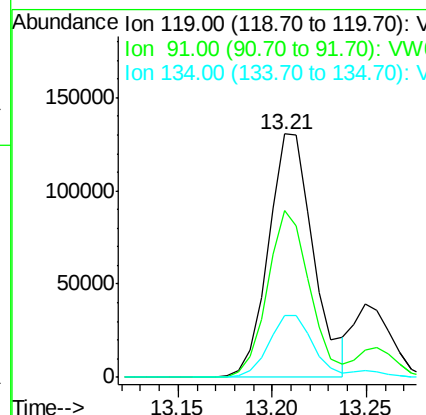
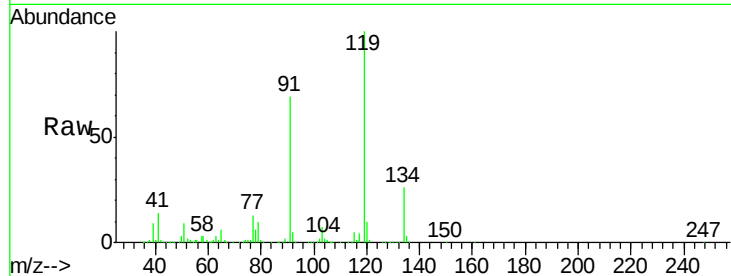
#83
tert-Butylbenzene
Concen: 51.516 ug/l
RT: 13.21 min Scan# 1854
Delta R.T. -0.01 min
Lab File: VW008261.D
Acq: 14 Jan 2019 21:56

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
119	100		
91	64.5	33.9	101.6
134	27.2	13.6	40.8

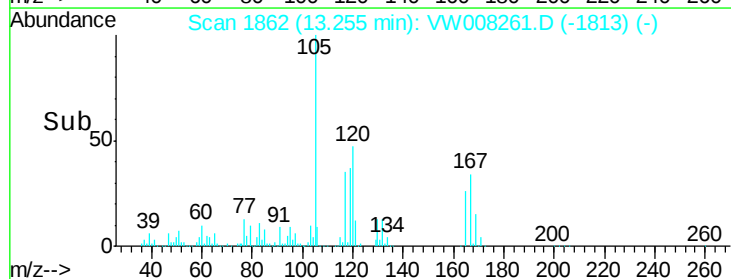
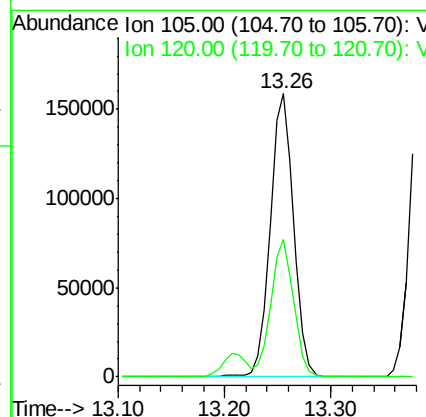
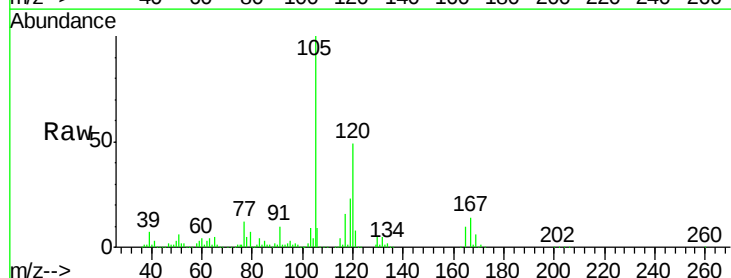
Manual Integrations
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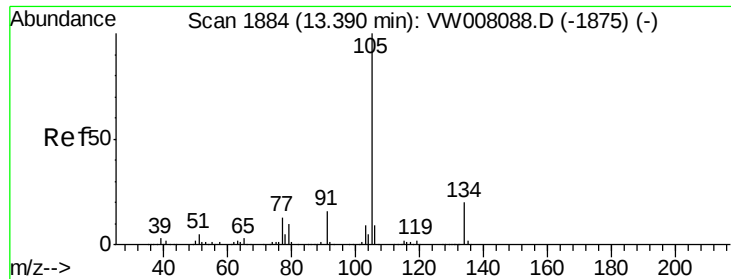
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#84
1,2,4-Trimethylbenzene
Concen: 49.974 ug/l
RT: 13.26 min Scan# 1862
Delta R.T. -0.00 min
Lab File: VW008261.D
Acq: 14 Jan 2019 21:56

Tgt Ion	Ratio	Lower	Upper
105	100		
120	47.5	22.7	68.1





#85

sec-Butylbenzene

Concen: 49.340 ug/l

RT: 13.39 min Scan# 1884

Delta R.T. -0.00 min

Lab File: VW008261.D

Acq: 14 Jan 2019 21:56

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

Tot Ion:105 Resp: 302200

Ion Ratio Lower Upper

105 100

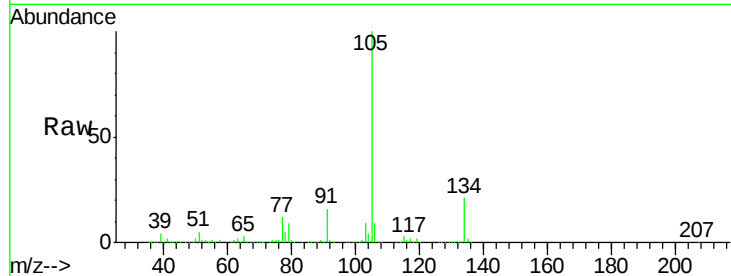
134 20.9 10.1 30.1

Manual Integrations

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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

200000

150000

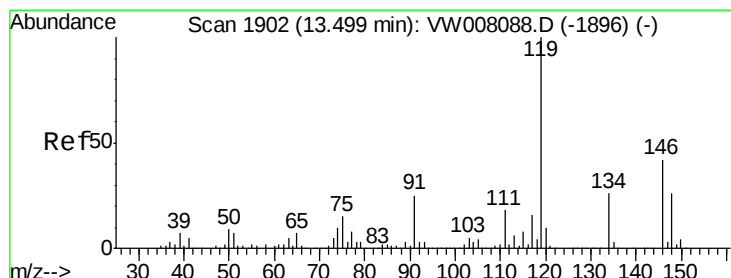
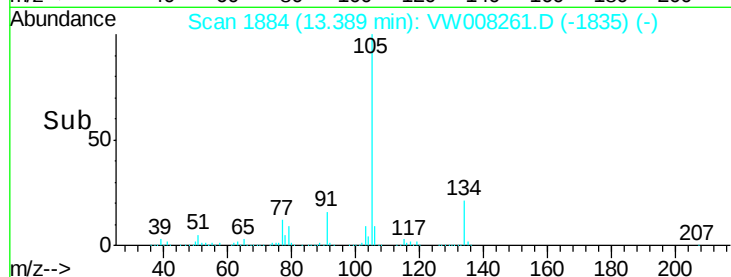
100000

50000

0

13.30 13.35 13.40 13.45

Time-->



#86

p-Isopropyltoluene

Concen: 51.776 ug/l

RT: 13.50 min Scan# 1902

Delta R.T. -0.00 min

Lab File: VW008261.D

Acq: 14 Jan 2019 21:56

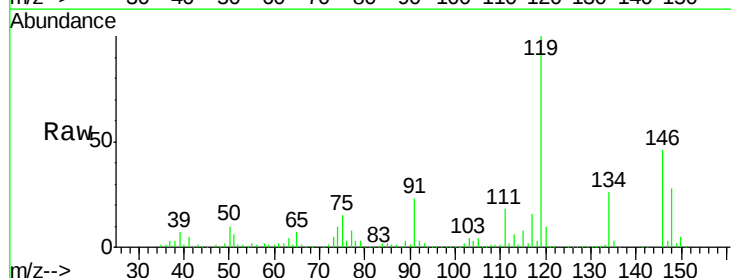
Tgt Ion:119 Resp: 273850

Ion Ratio Lower Upper

119 100

134 26.5 13.3 39.8

91 23.0 12.3 36.9



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

250000

200000

150000

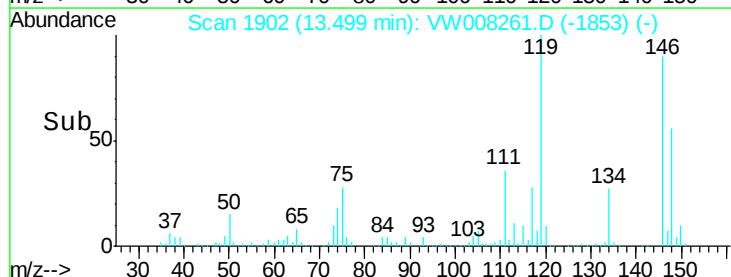
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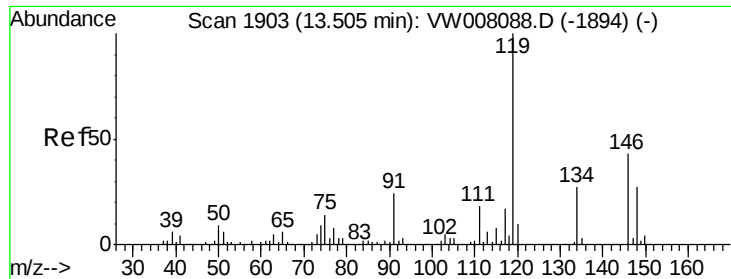
50000

0

13.40 13.50

Time-->





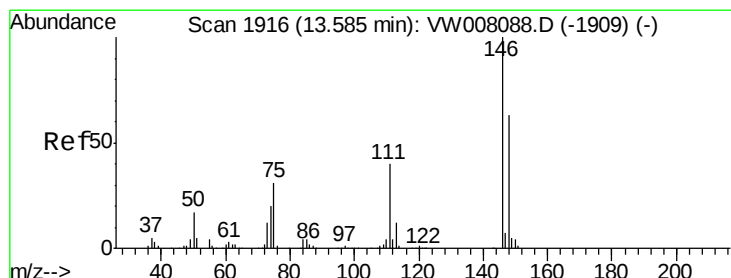
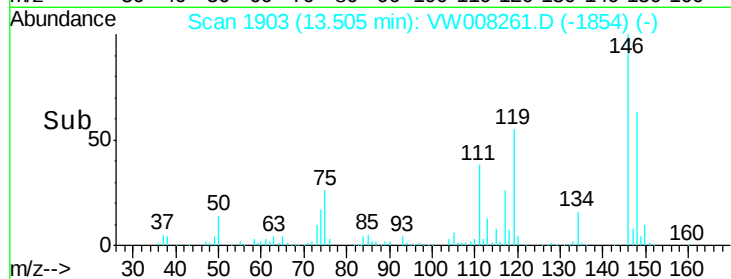
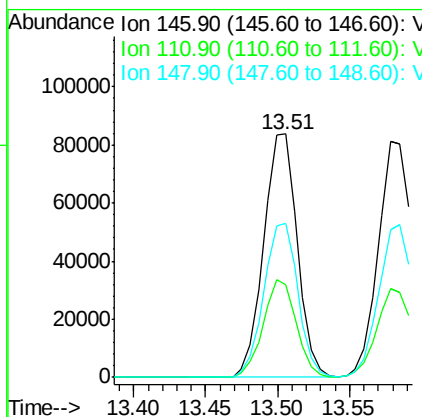
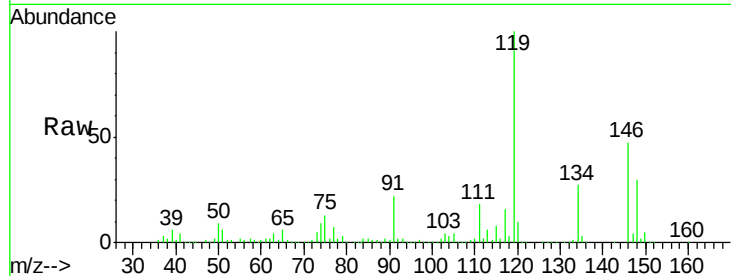
#87
 1,3-Dichlorobenzene
 Concen: 54.912 ug/l
 RT: 13.51 min Scan# 1903
 Delta R.T. -0.00 min
 Lab File: VW008261.D
 Acq: 14 Jan 2019 21:56

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
146	100		
111	39.5	21.1	63.1
148	64.1	31.3	93.9

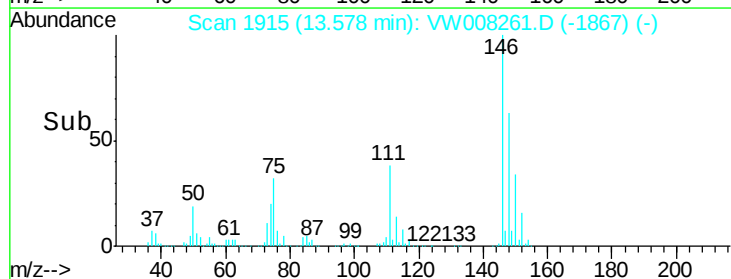
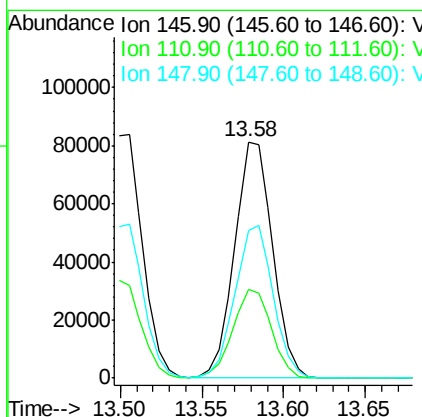
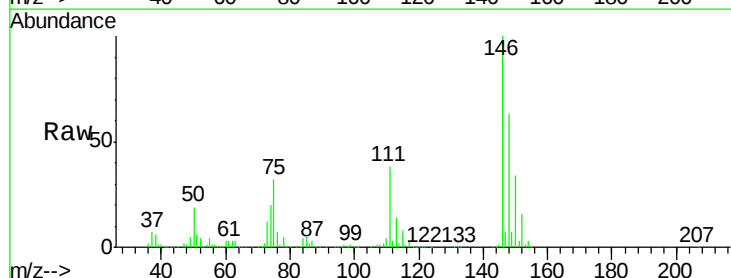
Manual Integrations
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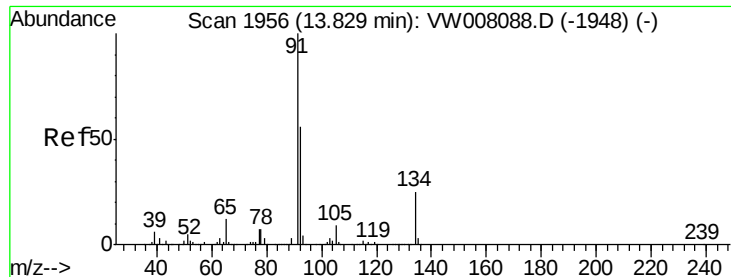
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#88
 1,4-Dichlorobenzene
 Concen: 53.224 ug/l
 RT: 13.58 min Scan# 1915
 Delta R.T. -0.01 min
 Lab File: VW008261.D
 Acq: 14 Jan 2019 21:56

Tgt Ion	Ratio	Lower	Upper
146	100		
111	38.3	20.5	61.5
148	65.2	31.6	94.8





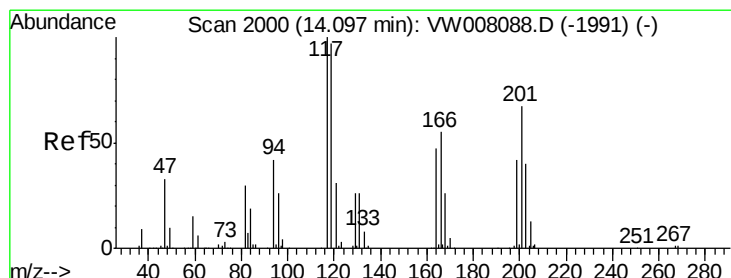
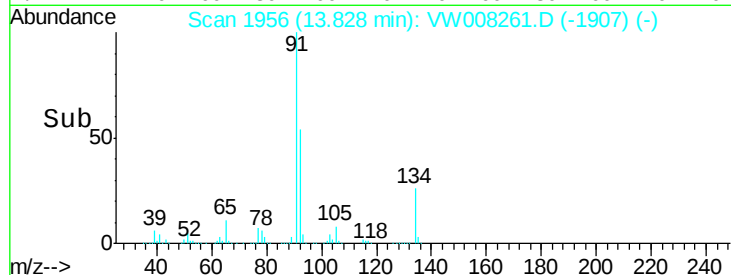
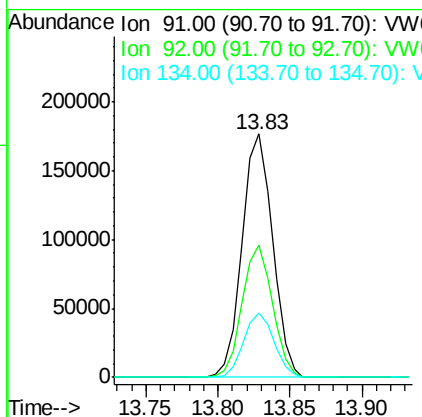
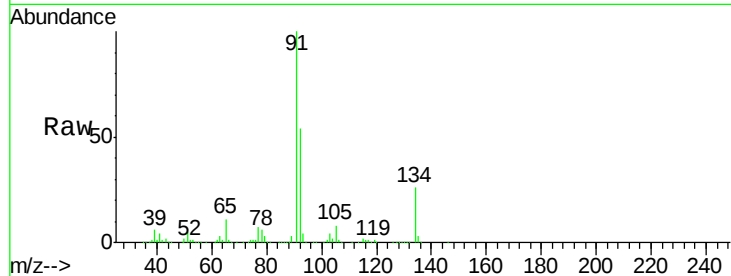
#89
n-Butylbenzene
Concen: 50.063 ug/l
RT: 13.83 min Scan# 1956
Delta R.T. -0.00 min
Lab File: VW008261.D
Acq: 14 Jan 2019 21:56

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
91	100		
92	53.9	27.4	82.2
134	26.2	12.6	37.8

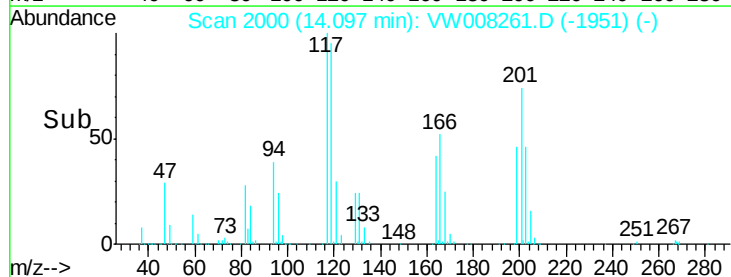
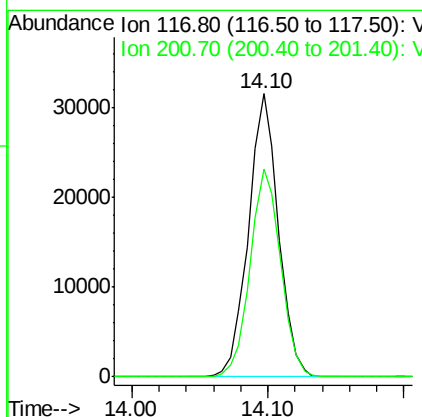
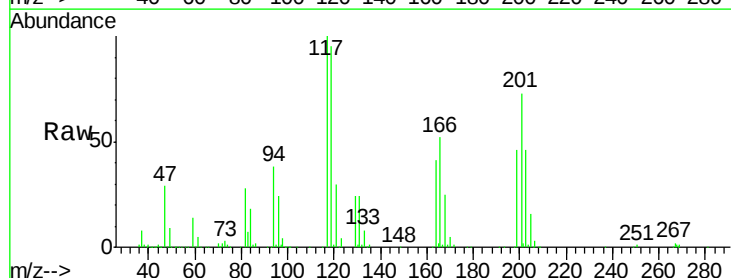
Manual Integrations
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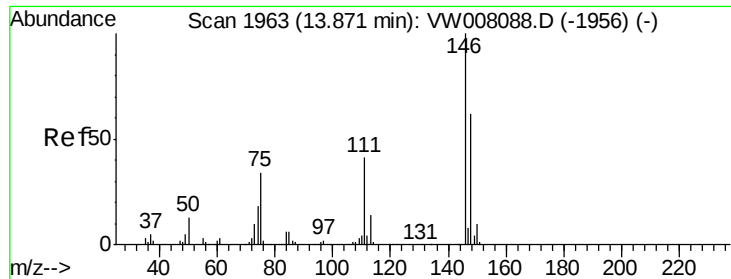
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#90
Hexachloroethane
Concen: 54.546 ug/l
RT: 14.10 min Scan# 2000
Delta R.T. -0.00 min
Lab File: VW008261.D
Acq: 14 Jan 2019 21:56

Tgt Ion	Ratio	Lower	Upper
117	100		
201	74.8	33.0	98.9





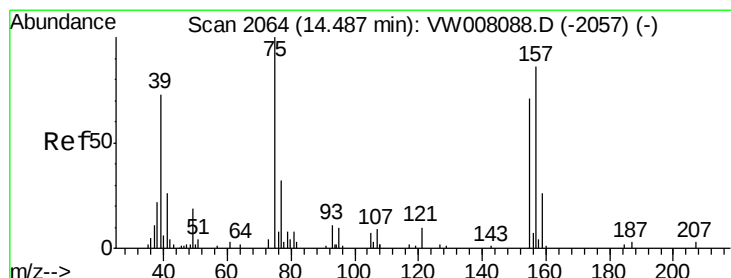
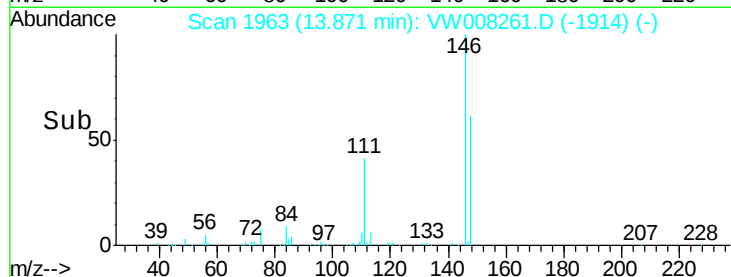
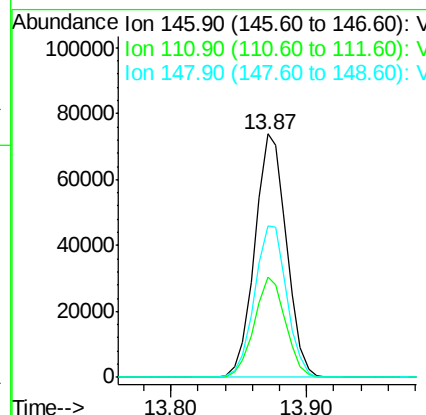
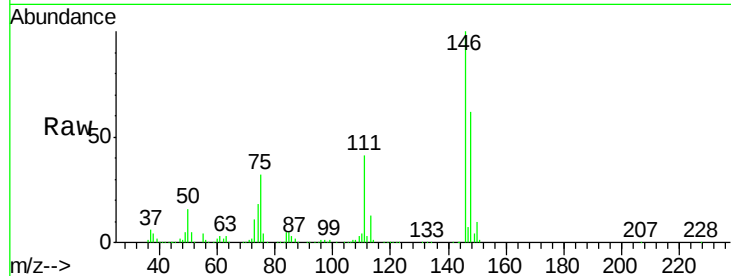
#91
 1,2-Dichlorobenzene
 Concen: 55.616 ug/l
 RT: 13.87 min Scan# 1963
 Delta R.T. -0.00 min
 Lab File: VW008261.D
 Acq: 14 Jan 2019 21:56

Instrument :
 MSVOA_W
 ClientSampleID :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
146	100		
111	40.6	21.3	63.7
148	63.3	31.5	94.5

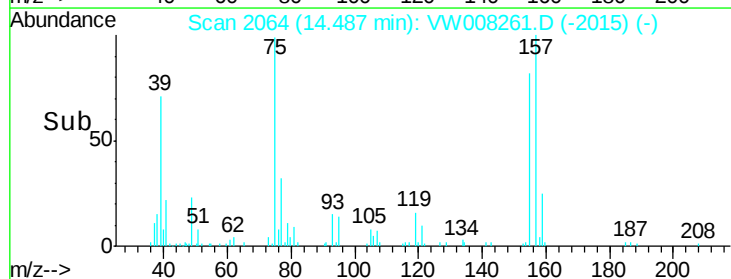
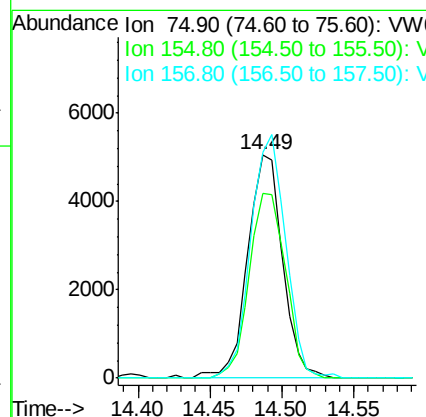
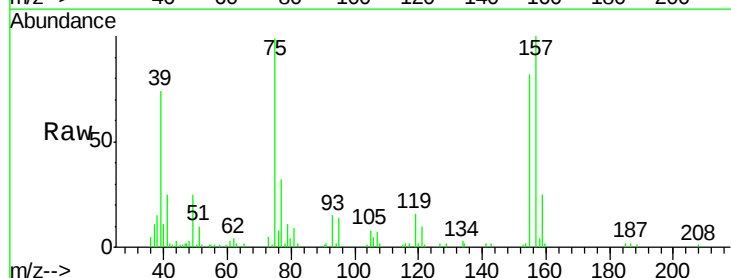
Manual Integrations
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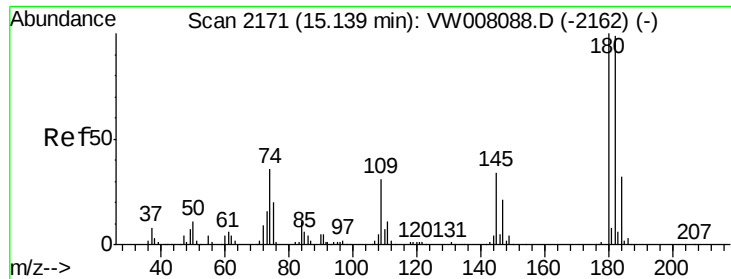
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 57.211 ug/l
 RT: 14.49 min Scan# 2064
 Delta R.T. -0.00 min
 Lab File: VW008261.D
 Acq: 14 Jan 2019 21:56

Tgt Ion	Ratio	Lower	Upper
75	100		
155	86.0	38.6	115.7
157	108.6	47.5	142.6





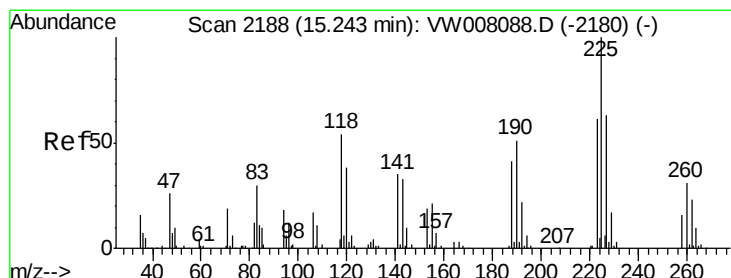
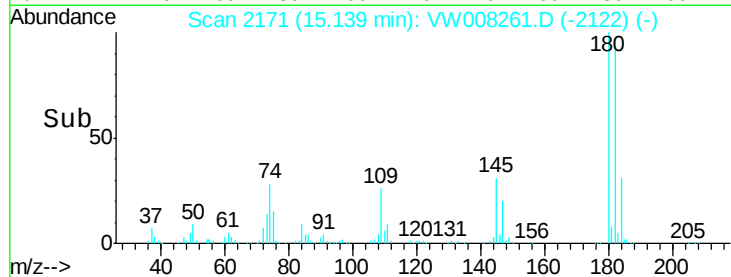
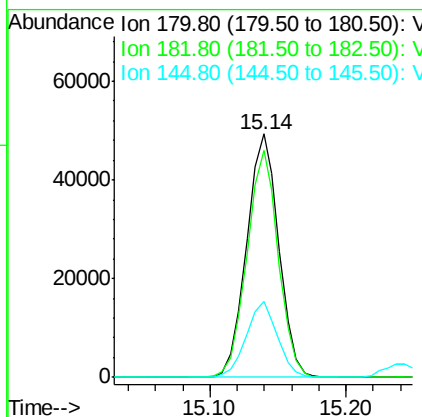
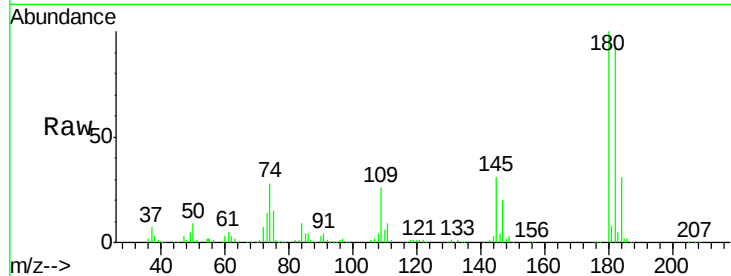
#93
 1,2,4-Trichlorobenzene
 Concen: 56.498 ug/l
 RT: 15.14 min Scan# 2171
 Delta R.T. -0.00 min
 Lab File: VW008261.D
 Acq: 14 Jan 2019 21:56

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
180	100			
182	91.3	48.6	145.9	
145	30.3	16.6	49.7	

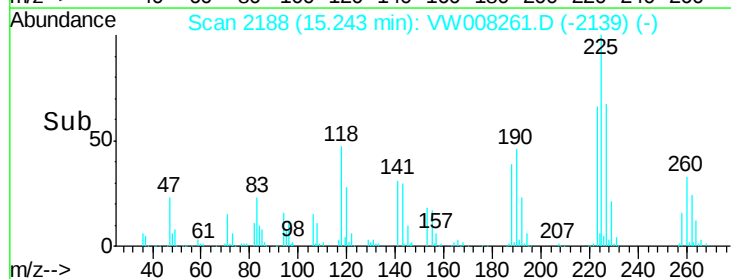
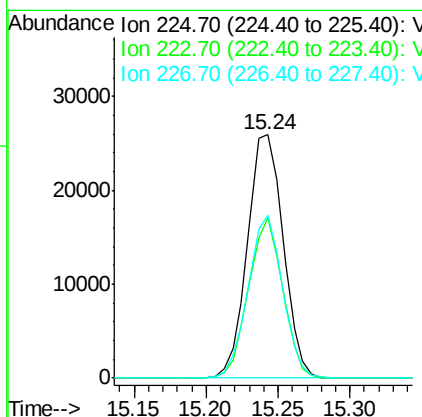
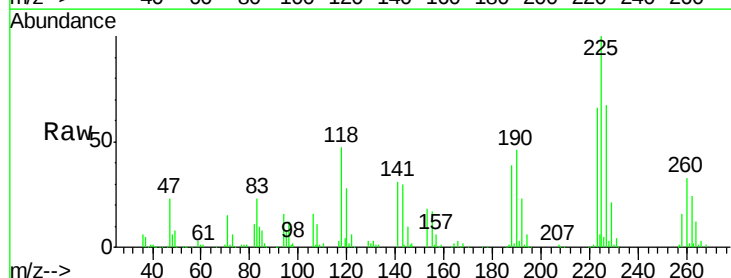
Manual Integrations
 APPROVED

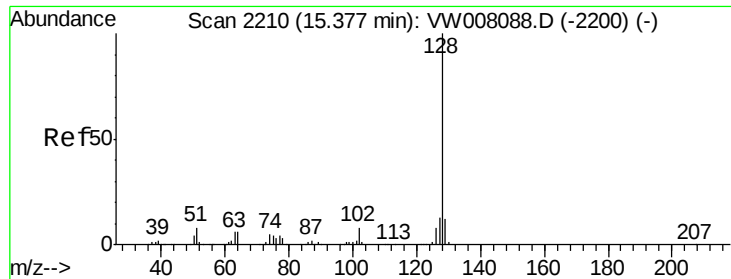
apatel
 1/15/2019 2:08:50 PM



#94
 Hexachlorobutadiene
 Concen: 57.836 ug/l
 RT: 15.24 min Scan# 2188
 Delta R.T. -0.00 min
 Lab File: VW008261.D
 Acq: 14 Jan 2019 21:56

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	62.7	31.4	94.3	
227	64.6	32.0	96.2	





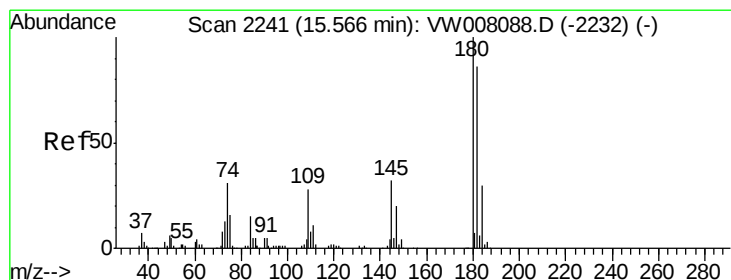
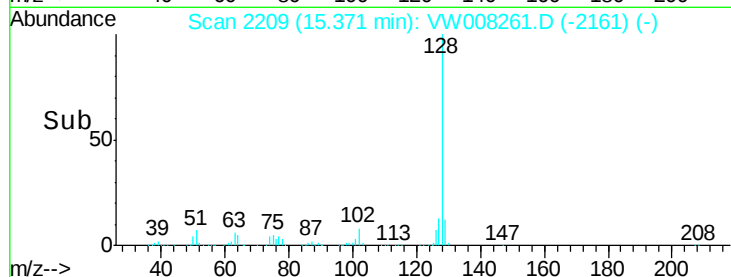
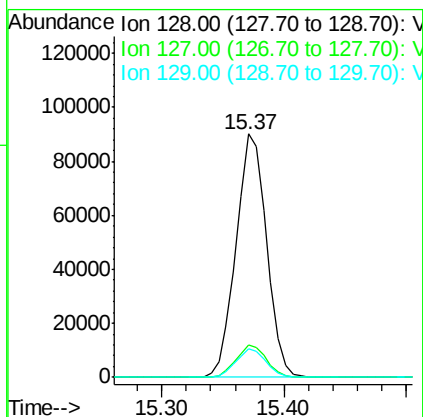
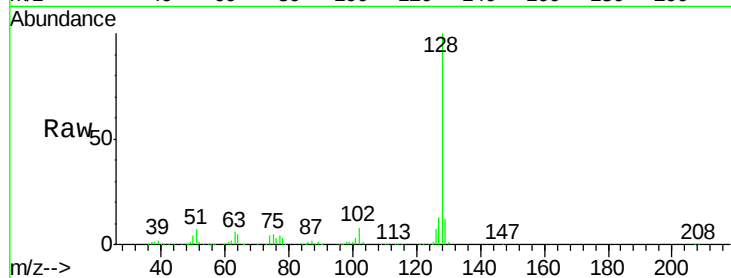
#95
Naphthalene
Concen: 58.013 ug/l
RT: 15.37 min Scan# 2209
Delta R.T. -0.01 min
Lab File: VW008261.D
Acq: 14 Jan 2019 21:56

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
128	100	155811		
127	13.2		11.0	16.4
129	11.6		9.0	13.6

Manual Integrations
APPROVED

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#96
1,2,3-Trichlorobenzene
Concen: 57.395 ug/l
RT: 15.56 min Scan# 2240
Delta R.T. -0.01 min
Lab File: VW008261.D
Acq: 14 Jan 2019 21:56

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	70377		
182	95.4		46.5	139.3
145	32.0		17.4	52.2

