

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW011019\
 Data File : VW008166.D
 Acq On : 10 Jan 2019 23:49
 Operator : SY/AP
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 1/11/2019 2:27:58 PM

Quant Time: Jan 11 07:05:15 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	101855	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	178722	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	164835	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	80294	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.30	65	57532	50.26	ug/l	0.00
Spiked Amount			Recovery	=	100.52%	
35) Dibromofluoromethane	7.88	113	56140	53.86	ug/l	0.00
Spiked Amount			Recovery	=	107.72%	
50) Toluene-d8	10.32	98	220336	50.37	ug/l	0.00
Spiked Amount			Recovery	=	100.74%	
62) 4-Bromofluorobenzene	12.62	95	75963	48.44	ug/l	0.00
Spiked Amount			Recovery	=	96.88%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	2.01	85	38792	46.666	ug/l	98
3) Chloromethane	2.21	50	49612	46.003	ug/l	97
4) Vinyl Chloride	2.37	62	64440	45.782	ug/l	98
5) Bromomethane	2.78	94	49850	47.278	ug/l	99
6) Chloroethane	2.93	64	44138	41.673	ug/l	96
7) Trichlorofluoromethane	3.26	101	49700	43.433	ug/l	86
8) Diethyl Ether	3.67	74	34070	52.667	ug/l	94
9) 1,1,2-Trichlorotrifluoroet	4.06	101	54796	48.231	ug/l	98
10) Methyl Iodide	4.26	142	86373	52.164	ug/l	99
11) Tert butyl alcohol	5.21	59	19022	273.801	ug/l #	100
12) 1,1-Dichloroethene	4.04	96	55530	49.784	ug/l	93
13) Acrolein	3.89	56	24870	326.781	ug/l	96
14) Allyl chloride	4.67	41	102329	50.529	ug/l	99
15) Acrylonitrile	5.37	53	69341	281.548	ug/l	99
16) Acetone	4.13	43	51090	248.128	ug/l	92
17) Carbon Disulfide	4.37	76	168935	48.483	ug/l	99
18) Methyl Acetate	4.67	43	43406	59.993	ug/l	100
19) Methyl tert-butyl Ether	5.42	73	95783	52.821	ug/l	96
20) Methylene Chloride	4.90	84	61854	55.398	ug/l	97
21) trans-1,2-Dichloroethene	5.42	96	62718	51.741	ug/l	94
22) Diisopropyl ether	6.31	45	206691	53.514	ug/l	99
23) Vinyl Acetate	6.26	43	547245	269.779	ug/l	98
24) 1,1-Dichloroethane	6.21	63	116345	51.699	ug/l	97
25) 2-Butanone	7.17	43	85017	266.922	ug/l	100
26) 2,2-Dichloropropane	7.16	77	68008	44.601	ug/l	99
27) cis-1,2-Dichloroethene	7.16	96	69566	52.601	ug/l	95
28) Bromochloromethane	7.51	49	44291	49.758	ug/l #	94
29) Tetrahydrofuran	7.53	42	60424	284.001	ug/l	99
30) Chloroform	7.68	83	113302	52.894	ug/l	97
31) Cyclohexane	7.95	56	106437	44.181	ug/l	98
32) 1,1,1-Trichloroethane	7.87	97	93001	49.897	ug/l	99
36) 1,1-Dichloropropene	8.08	75	88936	48.308	ug/l	99
37) Ethyl Acetate	7.25	43	40231	54.546	ug/l	99
38) Carbon Tetrachloride	8.07	117	84552	50.178	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	112140	48.039	ug/l	96
40) Benzene	8.32	78	263657	52.801	ug/l	97
41) Methacrylonitrile	7.48	41	23580	50.610	ug/l	98
42) 1,2-Dichloroethane	8.40	62	73462	52.308	ug/l	98
43) Isopropyl Acetate	8.43	43	80377	54.505	ug/l	99
44) Trichloroethene	9.09	130	65447	51.201	ug/l	94
45) 1,2-Dichloropropane	9.37	63	66565	53.762	ug/l	95
46) Dibromomethane	9.46	93	34151	56.164	ug/l	96
47) Bromodichloromethane	9.64	83	85338	55.272	ug/l	99
48) Methyl methacrylate	9.43	41	39629	56.951	ug/l	94
49) 1,4-Dioxane	9.46	88	10870	1111.604	ug/l #	94
51) 4-Methyl-2-Pentanone	10.21	43	198031	277.422	ug/l	100
52) Toluene	10.39	92	167612	52.560	ug/l	99
53) t-1,3-Dichloropropene	10.60	75	85032	52.946	ug/l	97
54) cis-1,3-Dichloropropene	10.07	75	100550	52.798	ug/l	97
55) 1,1,2-Trichloroethane	10.79	97	48377	56.667	ug/l	97
56) Ethyl methacrylate	10.65	69	61596	58.261	ug/l	98
57) 1,3-Dichloropropane	10.93	76	85745	54.918	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.93	63	142707	261.310	ug/l	97
59) 2-Hexanone	10.97	43	133377	276.301	ug/l	99
60) Dibromochloromethane	11.13	129	55307	58.996	ug/l	99
61) 1,2-Dibromoethane	11.23	107	46738	57.697	ug/l	98
64) Tetrachloroethene	10.86	164	56813	52.961	ug/l	97
65) Chlorobenzene	11.66	112	180180	51.596	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.73	131	61496	54.142	ug/l	99
67) Ethyl Benzene	11.73	91	320393	50.142	ug/l	100
68) m/p-Xylenes	11.84	106	246534	101.086	ug/l	99
69) o-Xylene	12.17	106	119085	52.728	ug/l	94
70) Styrene	12.18	104	190708	53.910	ug/l	98
71) Bromoform	12.35	173	30156	59.322	ug/l #	97
73) Isopropylbenzene	12.47	105	313154	49.677	ug/l	99
74) N-amyl acetate	12.27	43	74105	53.083	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.72	83	54931	54.440	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	39500m	53.964	ug/l	
77) Bromobenzene	12.75	156	70718	53.092	ug/l	92
78) n-propylbenzene	12.80	91	379508	49.134	ug/l	99
79) 2-Chlorotoluene	12.90	91	213026	49.435	ug/l	99
80) 1,3,5-Trimethylbenzene	12.94	105	260324	50.253	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.52	75	16357	52.039	ug/l	98
82) 4-Chlorotoluene	12.99	91	220275	48.534	ug/l	97
83) tert-Butylbenzene	13.21	119	228027	49.756	ug/l	97
84) 1,2,4-Trimethylbenzene	13.26	105	262894	49.206	ug/l	97
85) sec-Butylbenzene	13.39	105	328180	48.885	ug/l	99
86) p-Isopropyltoluene	13.50	119	284664	49.104	ug/l	98
87) 1,3-Dichlorobenzene	13.50	146	142177	52.620	ug/l	98
88) 1,4-Dichlorobenzene	13.58	146	139797	51.568	ug/l	98
89) n-Butylbenzene	13.83	91	271833	47.876	ug/l	99
90) Hexachloroethane	14.10	117	51152	52.240	ug/l	92
91) 1,2-Dichlorobenzene	13.87	146	123405	51.968	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	8674	53.417	ug/l	93

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.14	180	82053	52.045	ug/l	95
94) Hexachlorobutadiene	15.24	225	43522	51.576	ug/l	99
95) Naphthalene	15.38	128	157572	53.527	ug/l	99
96) 1,2,3-Trichlorobenzene	15.56	180	70572	52.510	ug/l	96

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

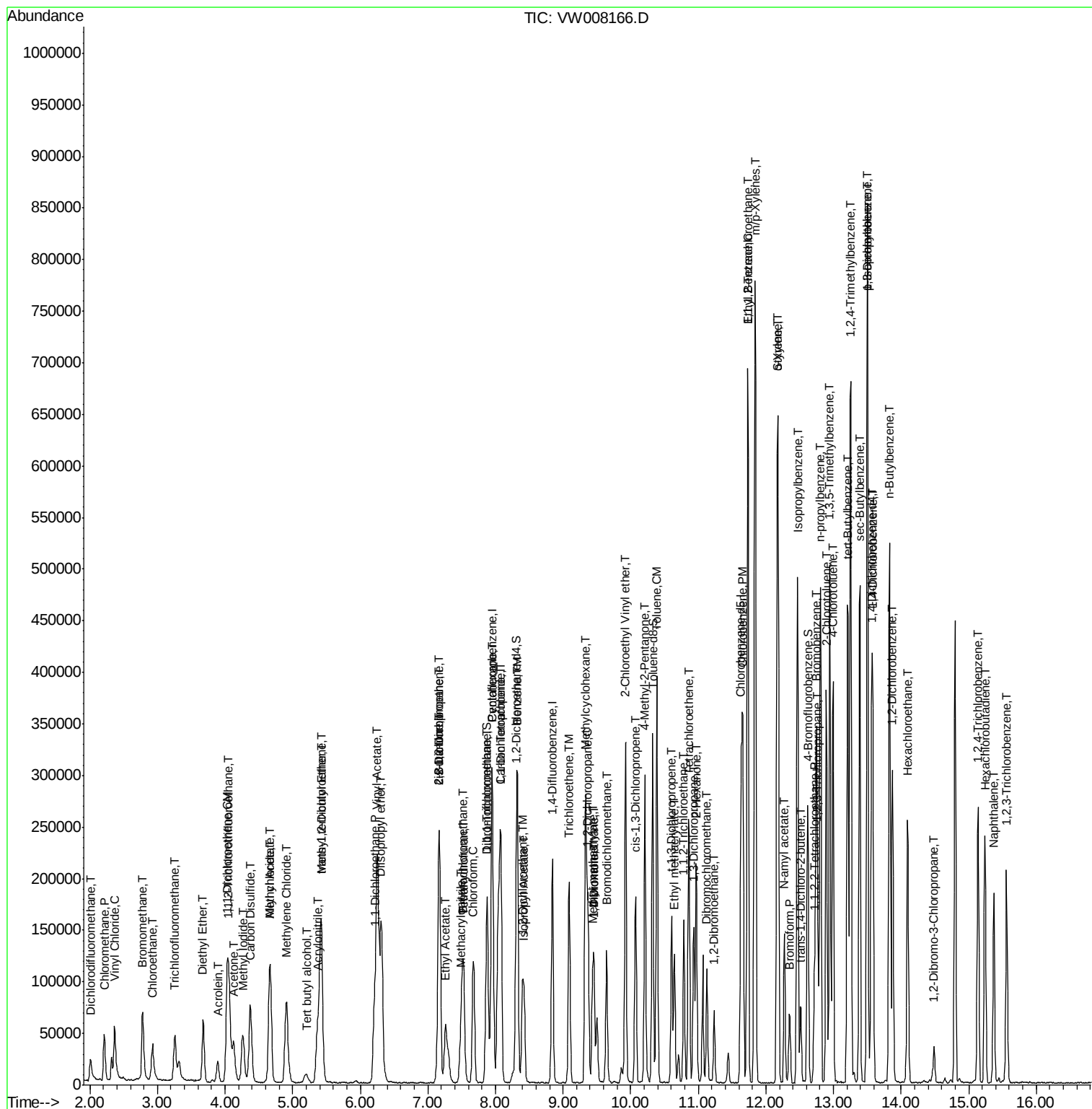
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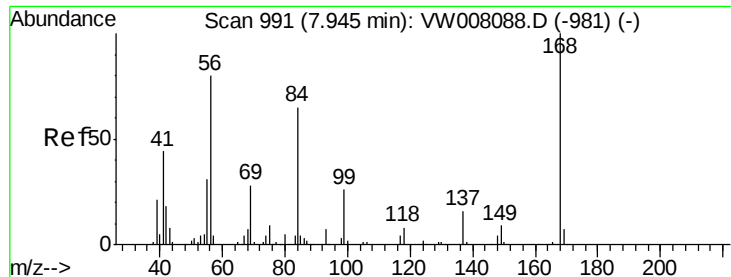
Instrument :
MSVOA_W
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.00 min

Lab File: VW008166.D

Acq: 10 Jan 2019 23:49

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tot Ion:168 Resp: 101855

Ion Ratio Lower Upper

168 100

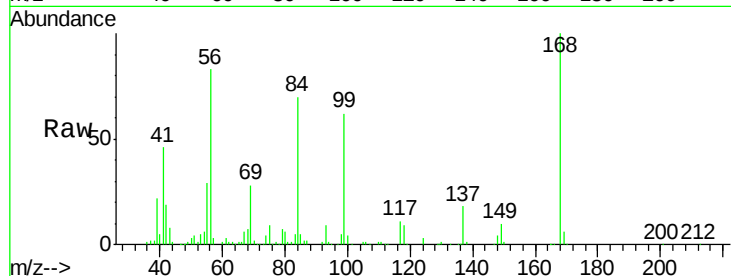
99 62.2 52.6 78.8

Manual Integrations

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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

50000

40000

30000

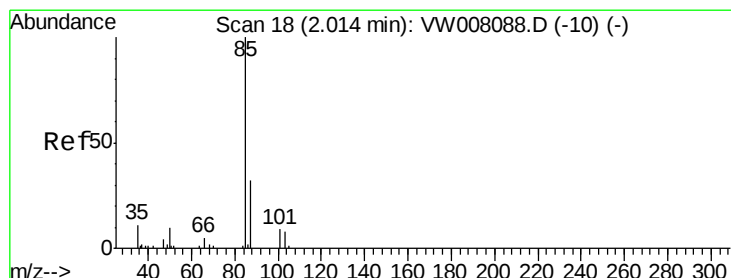
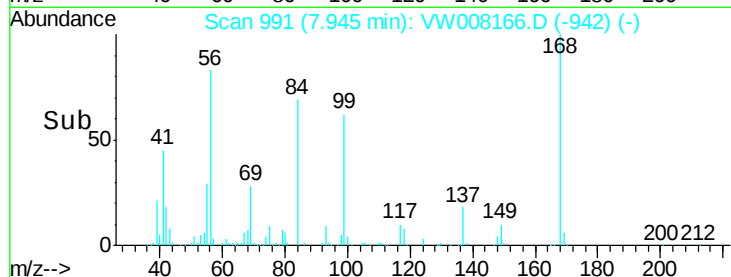
20000

10000

0

7.85 7.90 7.95 8.00 8.05

Time-->



#2

Dichlorodifluoromethane

Concen: 46.666 ug/l

RT: 2.01 min Scan# 17

Delta R.T. -0.01 min

Lab File: VW008166.D

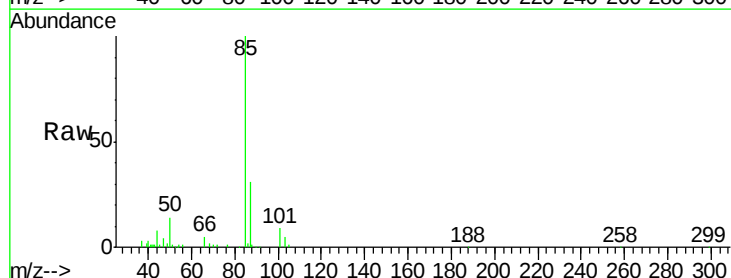
Acq: 10 Jan 2019 23:49

Tgt Ion: 85 Resp: 38792

Ion Ratio Lower Upper

85 100

87 31.2 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

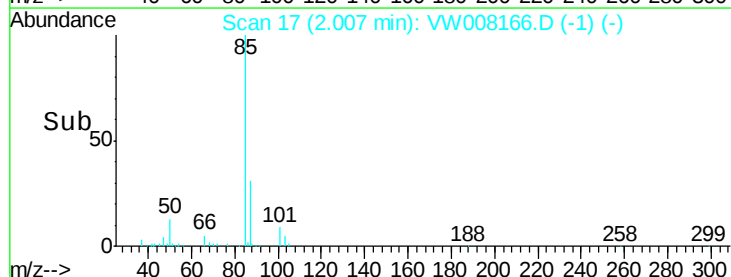
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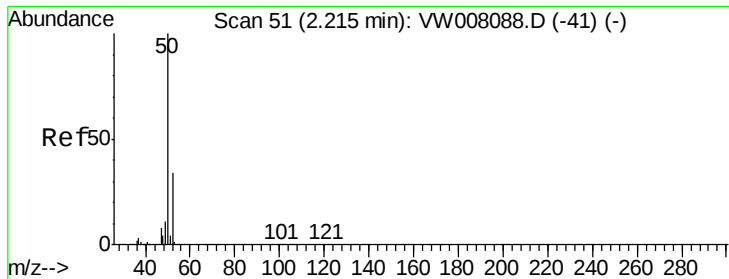
5000

0

1.90 2.00 2.10 2.20

Time-->





#3

Chloromethane

Concen: 46.003 ug/l

RT: 2.21 min Scan# 51

Delta R.T. -0.00 min

Lab File: VW008166.D

Acq: 10 Jan 2019 23:49

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tot Ion: 50 Resp: 49612

Ion Ratio Lower Upper

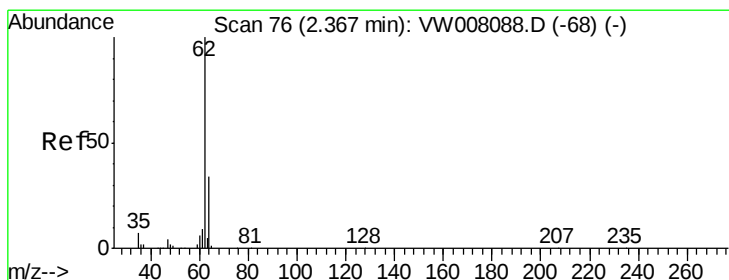
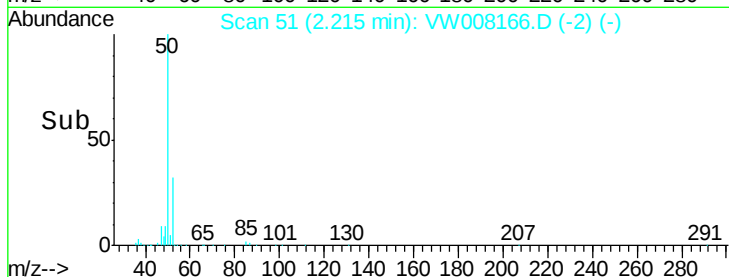
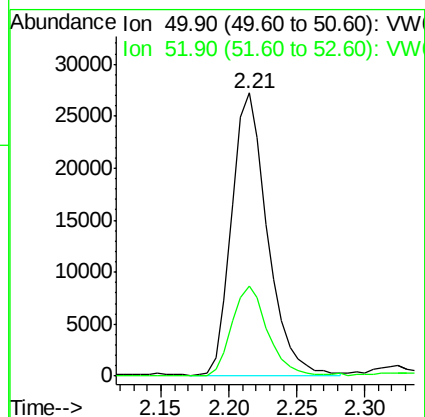
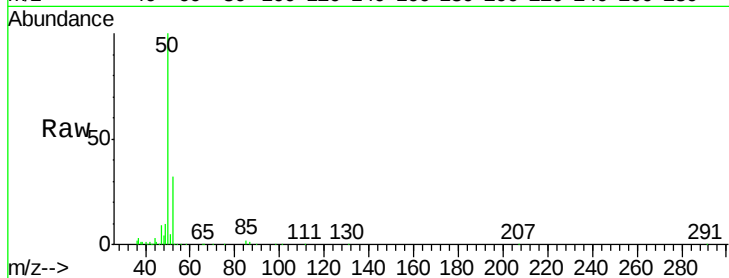
50 100

52 31.9 26.8 40.2

Manual Integrations
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#4

Vinyl Chloride

Concen: 45.782 ug/l

RT: 2.37 min Scan# 76

Delta R.T. -0.00 min

Lab File: VW008166.D

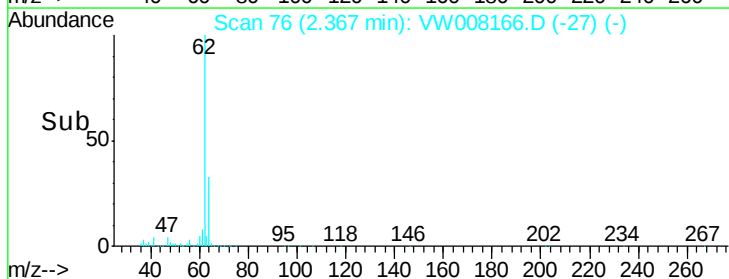
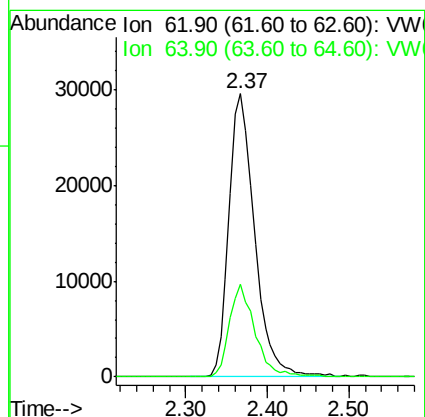
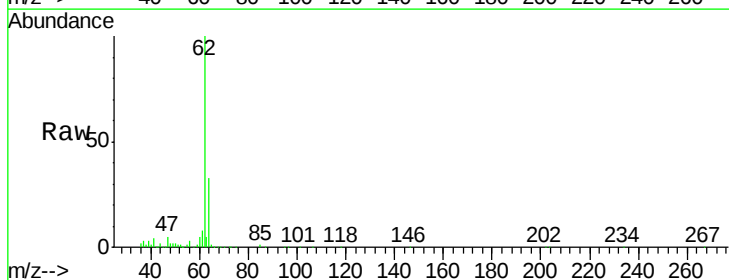
Acq: 10 Jan 2019 23:49

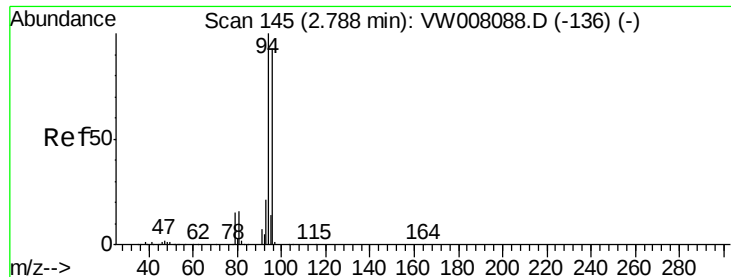
Tgt Ion: 62 Resp: 64440

Ion Ratio Lower Upper

62 100

64 32.9 27.0 40.6





#5

Bromomethane

Concen: 47.278 ug/l

RT: 2.78 min Scan# 144

Delta R.T. -0.01 min

Lab File: VW008166.D

Acq: 10 Jan 2019 23:49

Instrument :

MSVOA_W

ClientSampleId :

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Tot Ion: 94 Resp: 49850

Ion Ratio Lower Upper

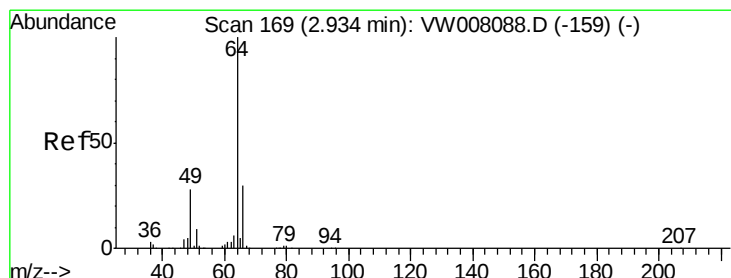
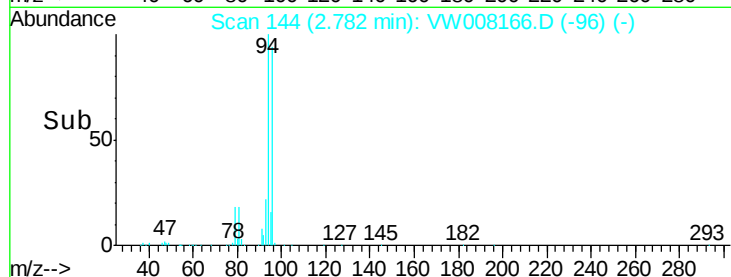
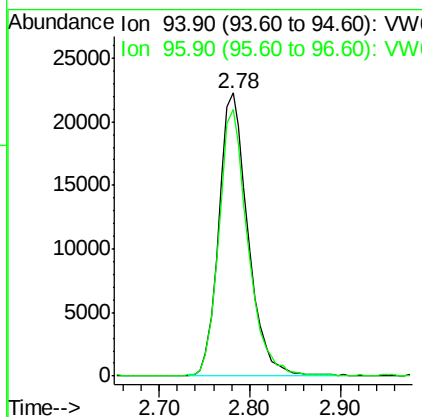
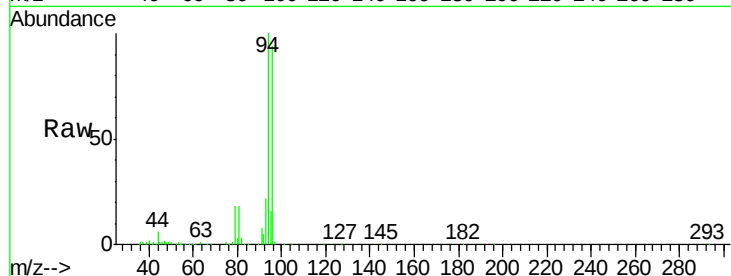
94 100

96 94.0 74.1 111.1

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#6

Chloroethane

Concen: 41.673 ug/l

RT: 2.93 min Scan# 168

Delta R.T. -0.01 min

Lab File: VW008166.D

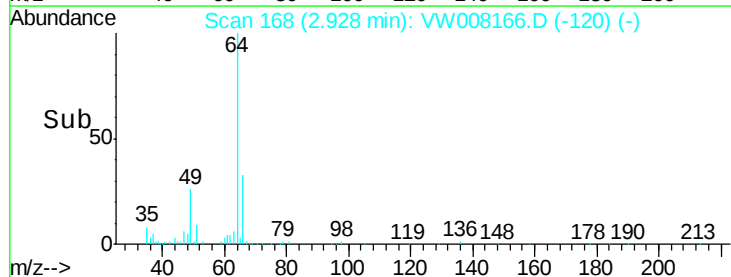
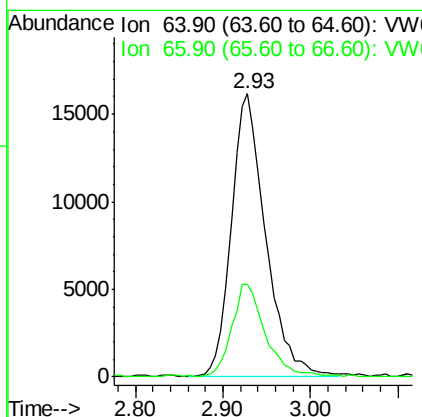
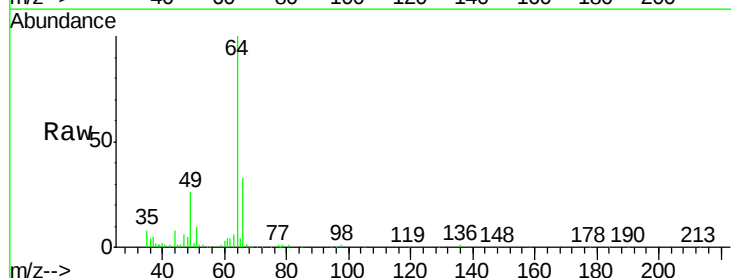
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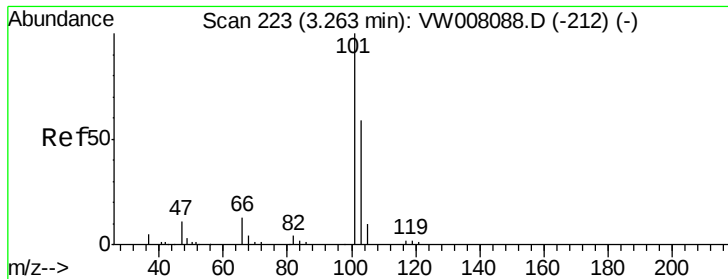
Tgt Ion: 64 Resp: 44138

Ion Ratio Lower Upper

64 100

66 32.4 24.2 36.2





#7

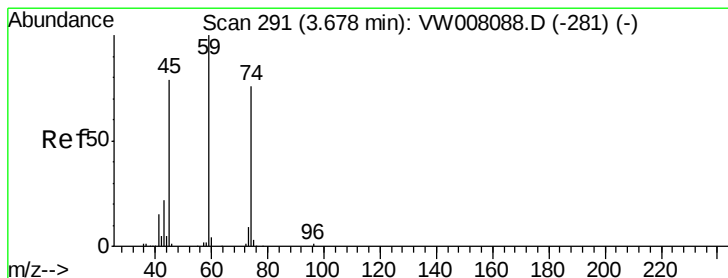
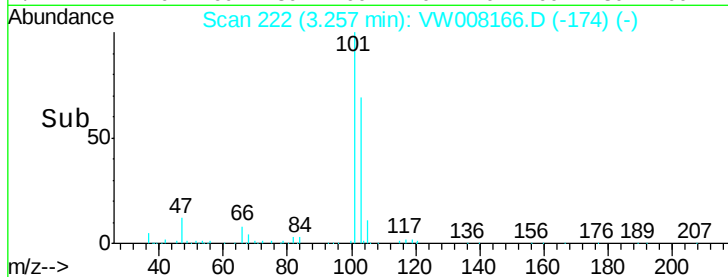
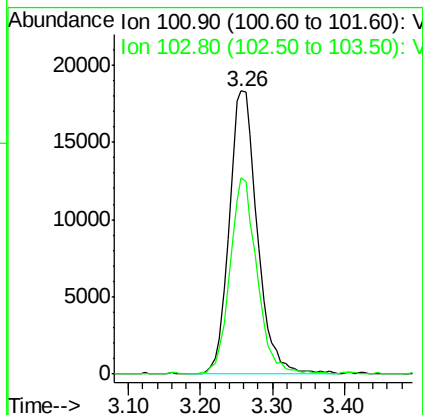
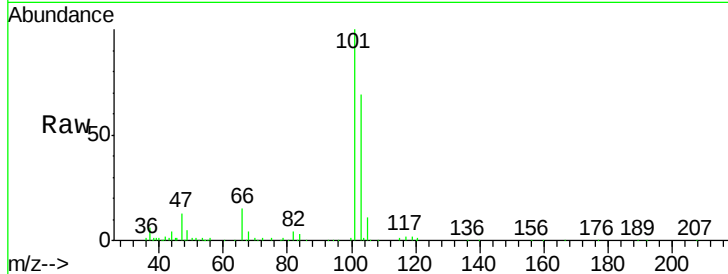
Trichlorofluoromethane
 Concen: 43.433 ug/l
 RT: 3.26 min Scan# 222
 Delta R.T. -0.01 min
 Lab File: VW008166.D
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Tot Ion	Ratio	Lower	Upper
101	100		
103	69.2	47.0	70.6

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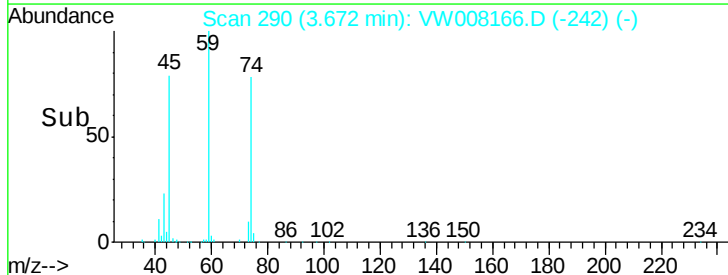
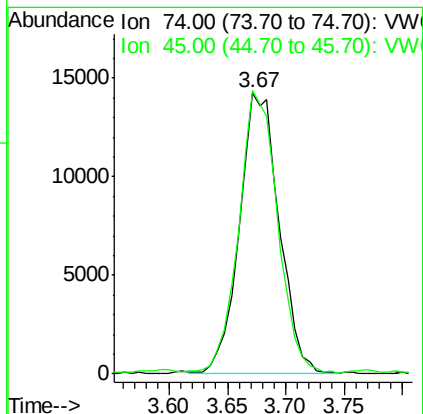
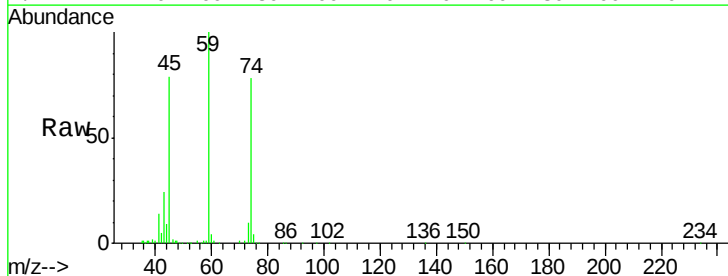
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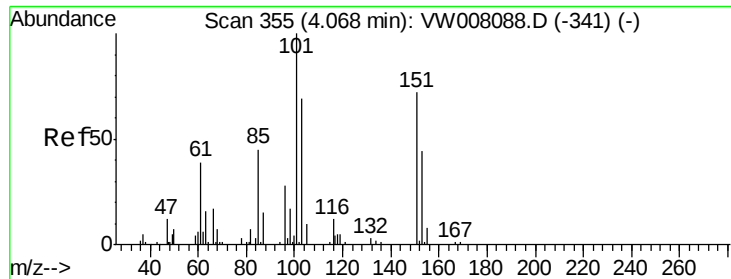


#8

Diethyl Ether
 Concen: 52.667 ug/l
 RT: 3.67 min Scan# 290
 Delta R.T. -0.01 min
 Lab File: VW008166.D
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Tgt Ion	Ratio	Lower	Upper
74	100		
45	98.5	52.4	157.3





#9

1,1,2-Trichlorotrifluoroethane

Concen: 48.231 ug/l

RT: 4.06 min Scan# 353

Delta R.T. -0.01 min

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MSVOA_W

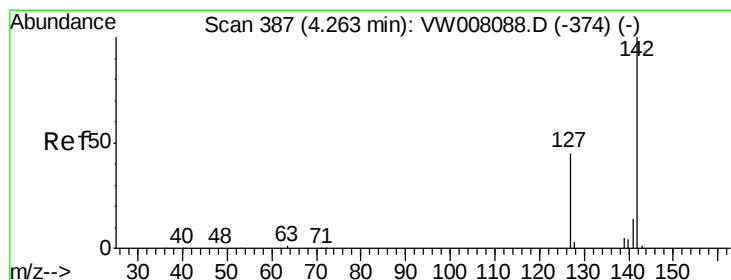
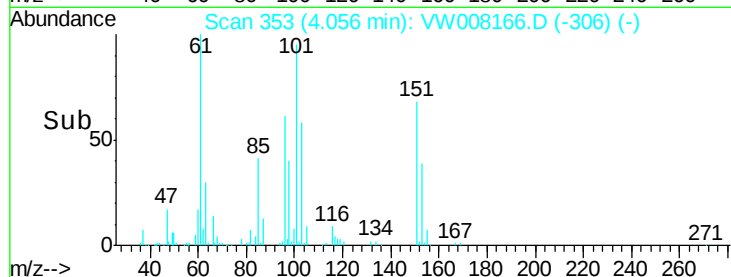
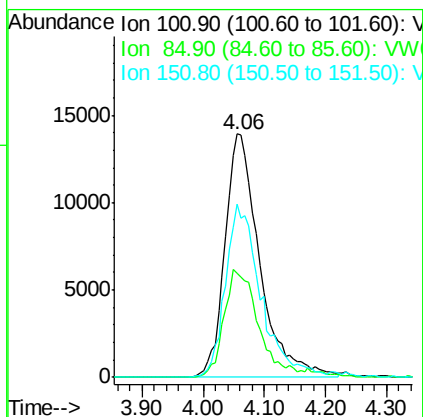
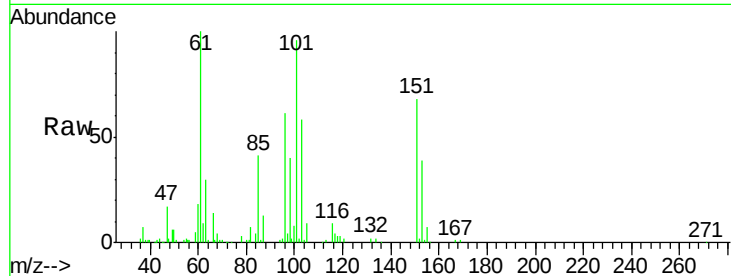
ClientSampleId :

VSTDCCC050

Tot Ion:	101	Resp:	54796
Ion Ratio	Lower	Upper	
101	100		
85	43.8	35.9	53.9
151	72.2	55.8	83.8

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#10

Methyl Iodide

Concen: 52.164 ug/l

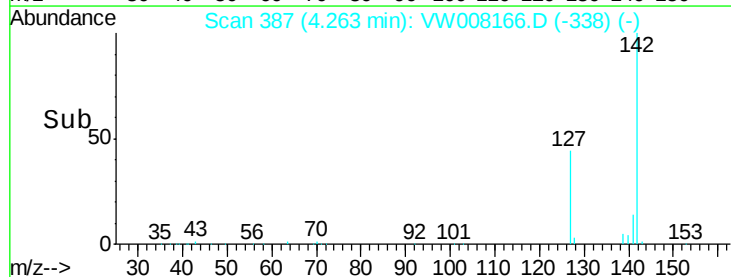
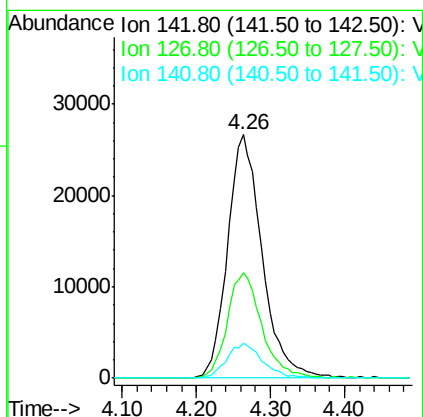
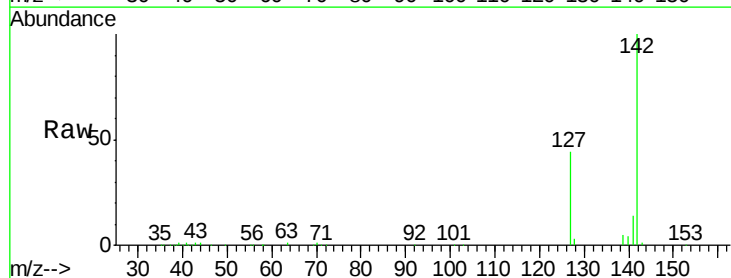
RT: 4.26 min Scan# 387

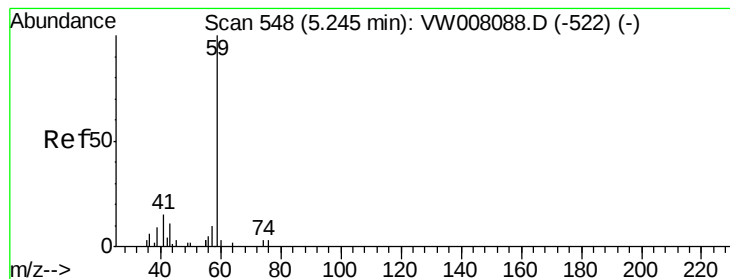
Delta R.T. -0.00 min

Lab File: VW008166.D

Acq: 10 Jan 2019 23:49

Tgt Ion:	142	Resp:	86373
Ion Ratio	Lower	Upper	
142	100		
127	43.3	35.0	52.4
141	14.7	11.8	17.6





#11

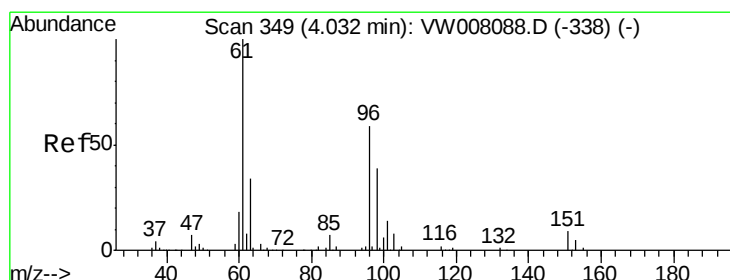
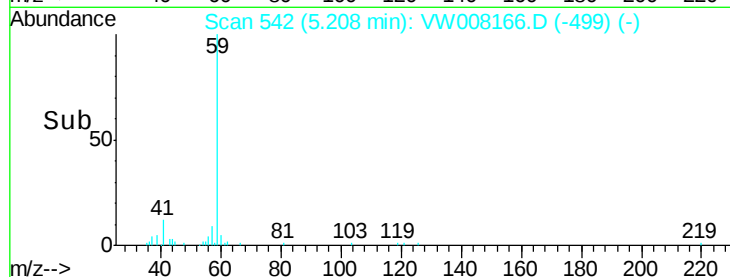
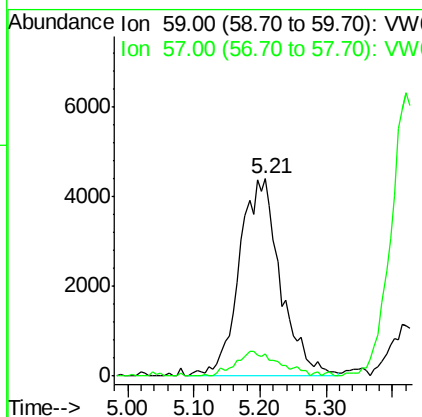
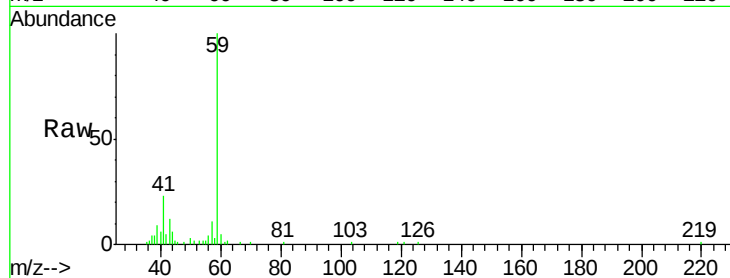
Tert butyl alcohol
Concen: 273.801 ug/l
RT: 5.21 min Scan# 542
Delta R.T. -0.04 min
Lab File: VW008166.D
Acq: 10 Jan 2019 23:49

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
59	100		
57	12.9	0.0	0.0#

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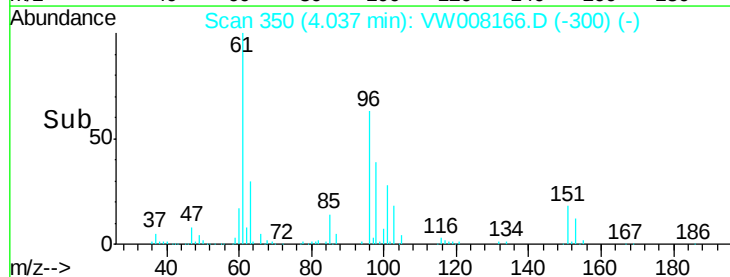
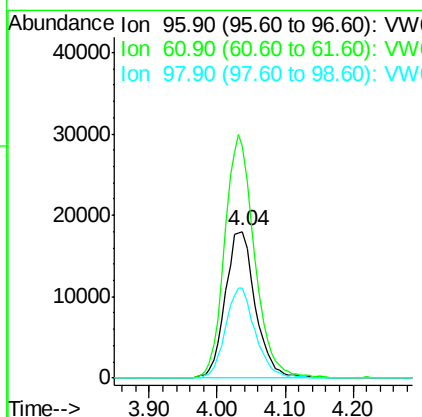
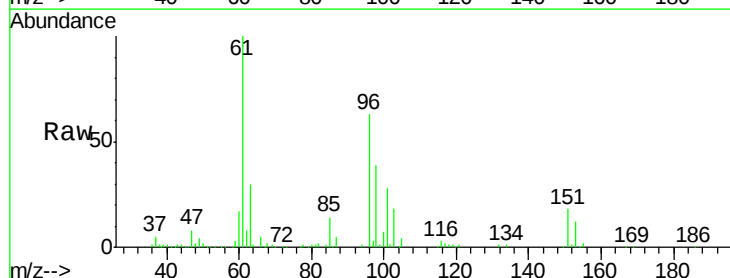
MMDadoda
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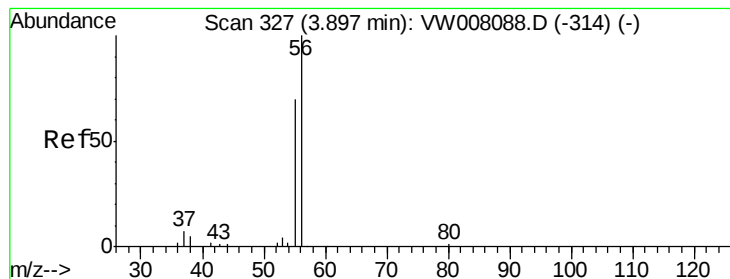


#12

1,1-Dichloroethene
Concen: 49.784 ug/l
RT: 4.04 min Scan# 350
Delta R.T. 0.01 min
Lab File: VW008166.D
Acq: 10 Jan 2019 23:49

Tgt Ion	Ratio	Lower	Upper
96	100		
61	158.6	135.4	203.2
98	61.8	52.5	78.7





#13

Acrolein

Concen: 326.781 ug/l

RT: 3.89 min Scan# 326

Delta R.T. -0.01 min

Lab File: VW008166.D

Acq: 10 Jan 2019 23:49

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tot Ion: 56 Resp: 24870

Ion Ratio Lower Upper

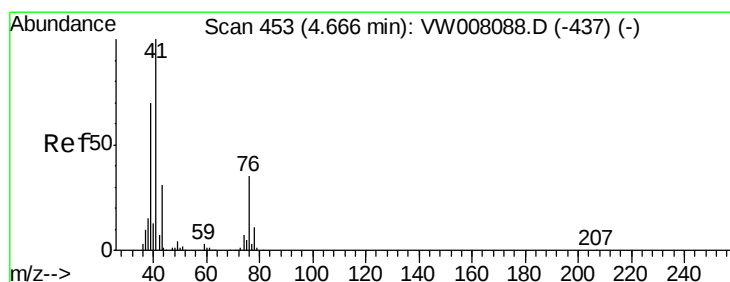
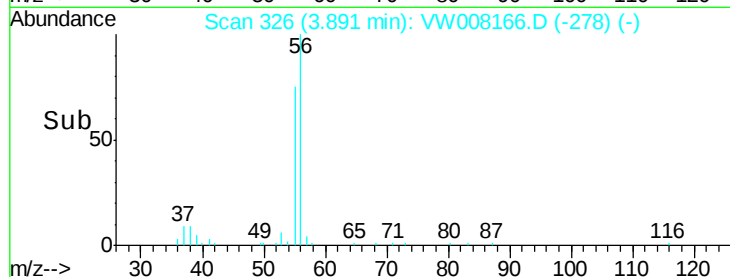
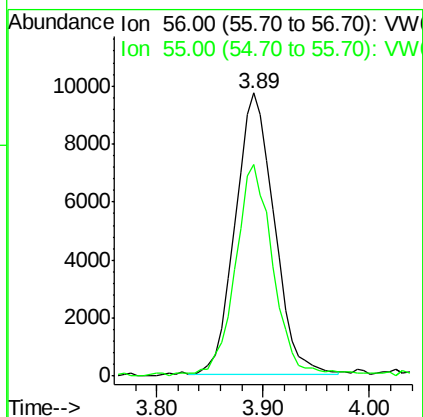
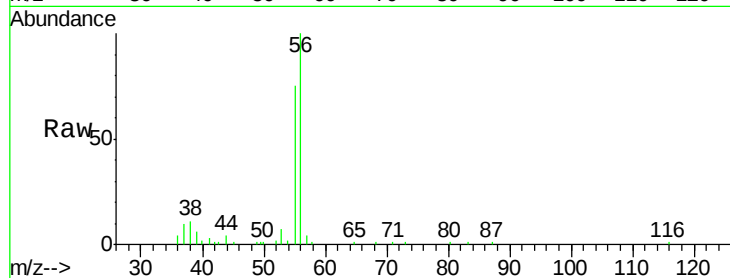
56 100

55 74.1 56.6 84.8

Manual Integrations
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#14

Allyl chloride

Concen: 50.529 ug/l

RT: 4.67 min Scan# 453

Delta R.T. -0.00 min

Lab File: VW008166.D

Acq: 10 Jan 2019 23:49

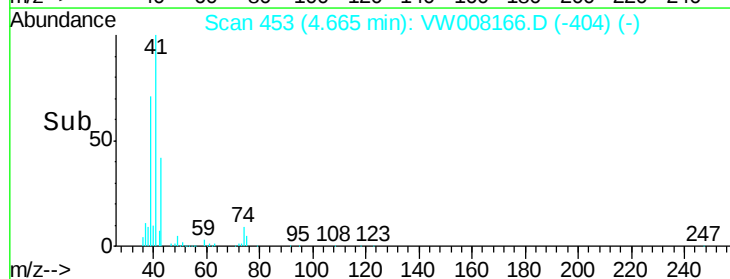
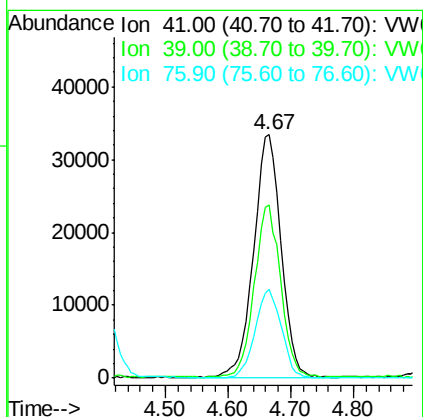
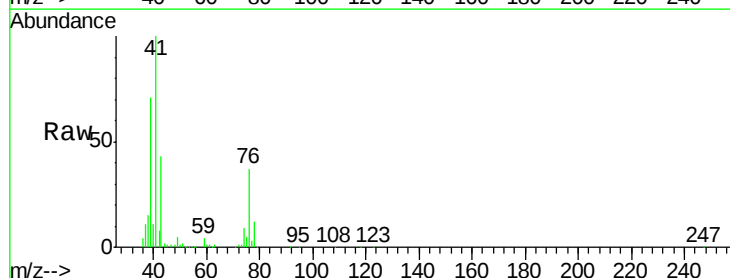
Tgt Ion: 41 Resp: 102329

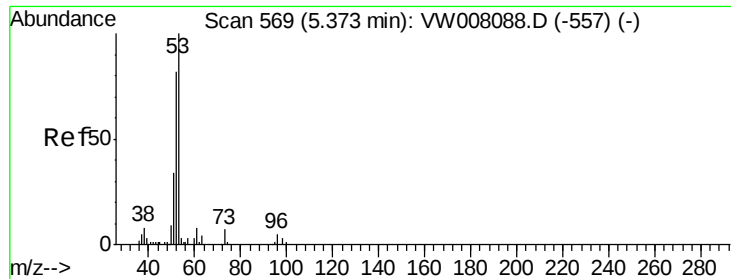
Ion Ratio Lower Upper

41 100

39 66.5 53.8 80.8

76 34.5 27.6 41.4





#15

Acrylonitrile

Concen: 281.548 ug/l

RT: 5.37 min Scan# 568

Delta R.T. -0.01 min

Lab File: VW008166.D

Acq: 10 Jan 2019 23:49

Instrument :

MSVOA_W

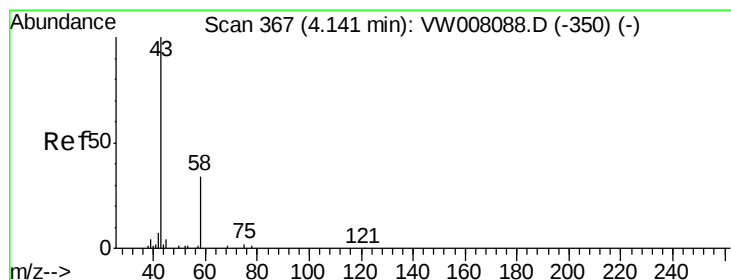
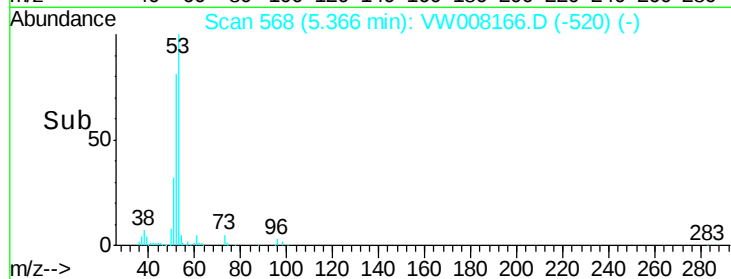
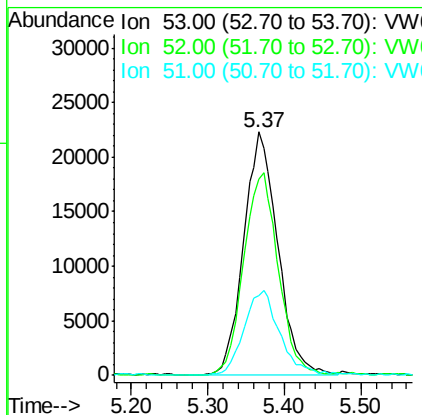
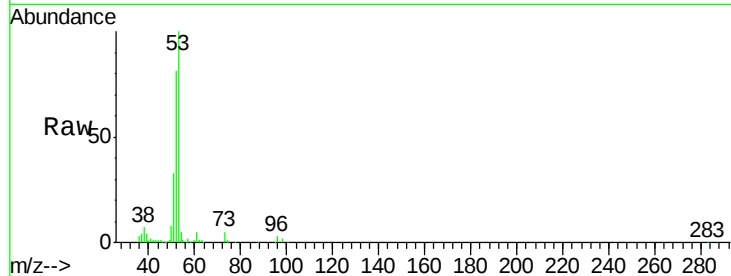
ClientSampleId :

VSTDCCC050

Tot Ion:	53	Resp:	69341
Ion	Ratio	Lower	Upper
53	100		
52	84.4	66.8	100.2
51	37.2	29.7	44.5

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#16

Acetone

Concen: 248.128 ug/l

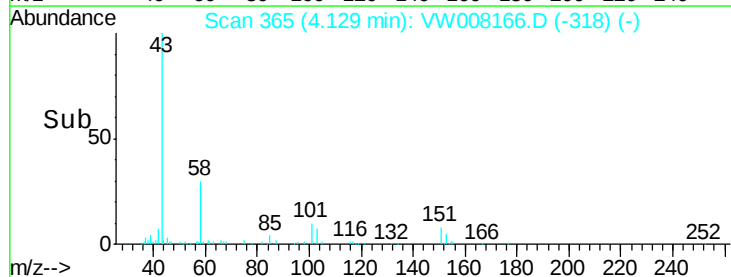
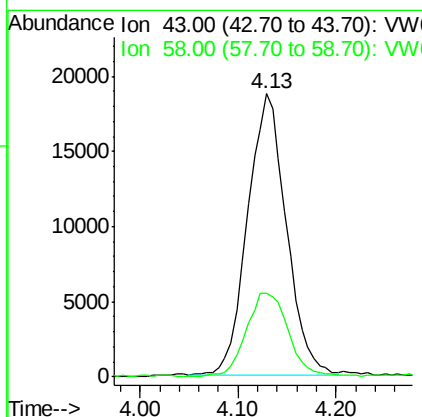
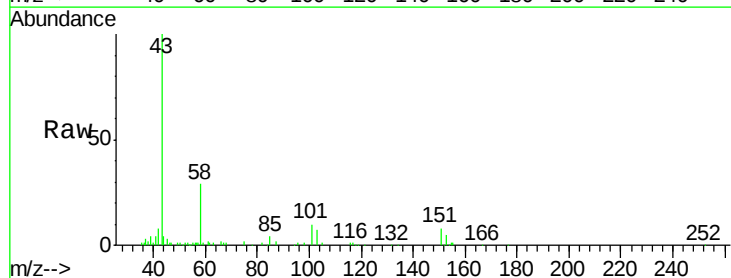
RT: 4.13 min Scan# 365

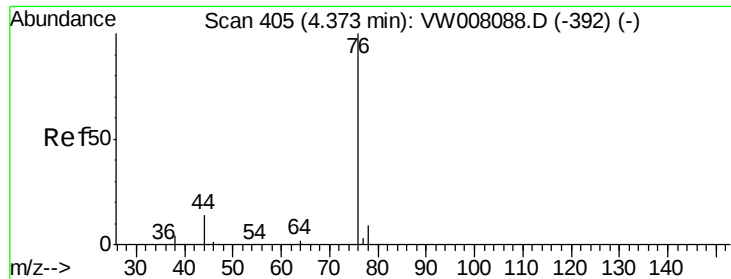
Delta R.T. -0.01 min

Lab File: VW008166.D

Acq: 10 Jan 2019 23:49

Tgt Ion:	43	Resp:	51090
Ion	Ratio	Lower	Upper
43	100		
58	29.7	27.5	41.3





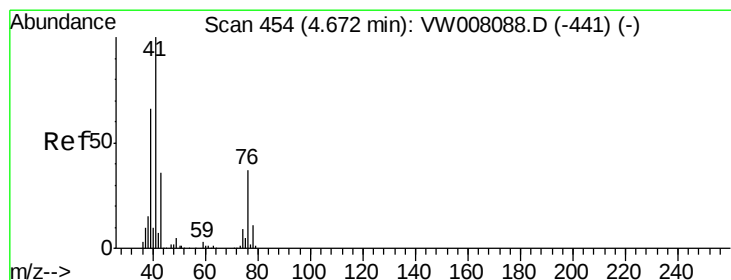
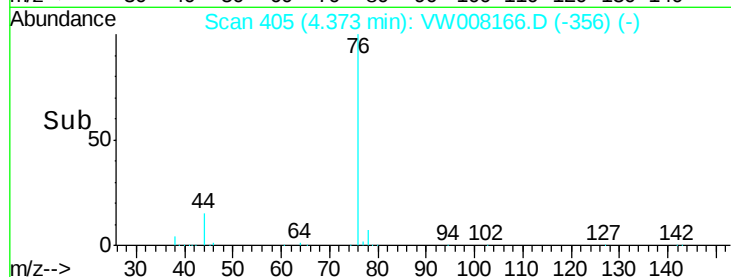
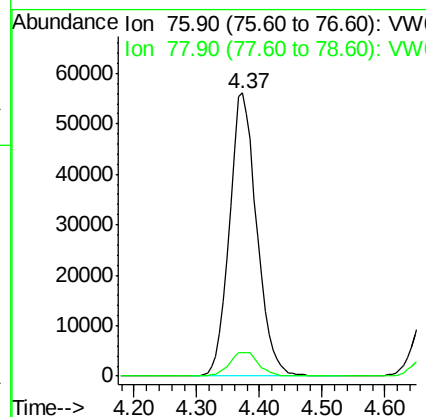
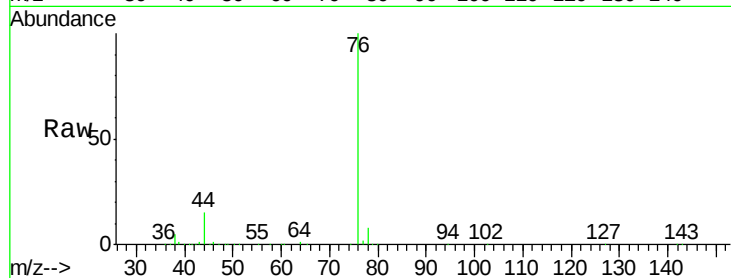
#17
Carbon Disulfide
Concen: 48.483 ug/l
RT: 4.37 min Scan# 405
Delta R.T. -0.00 min
Lab File: VW008166.D
Acq: 10 Jan 2019 23:49

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion: 76 Resp: 168935
Ion Ratio Lower Upper
76 100
78 8.3 7.0 10.6

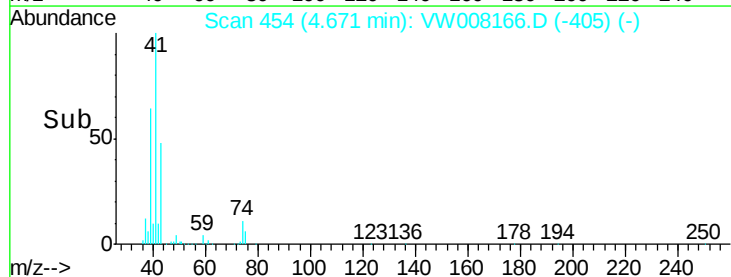
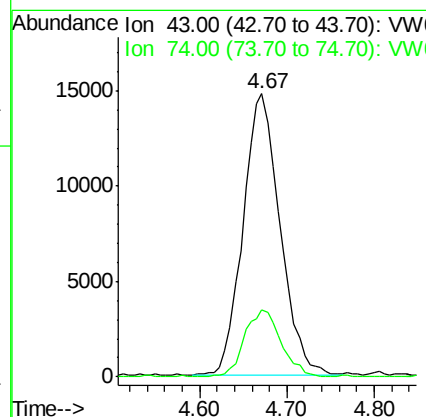
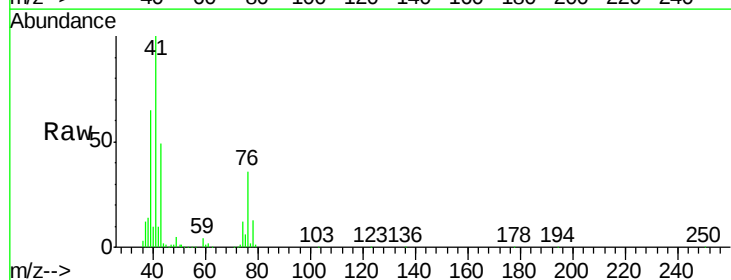
Manual Integrations
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#18
Methyl Acetate
Concen: 59.993 ug/l
RT: 4.67 min Scan# 454
Delta R.T. -0.00 min
Lab File: VW008166.D
Acq: 10 Jan 2019 23:49

Tgt Ion: 43 Resp: 43406
Ion Ratio Lower Upper
43 100
74 23.5 19.0 28.4





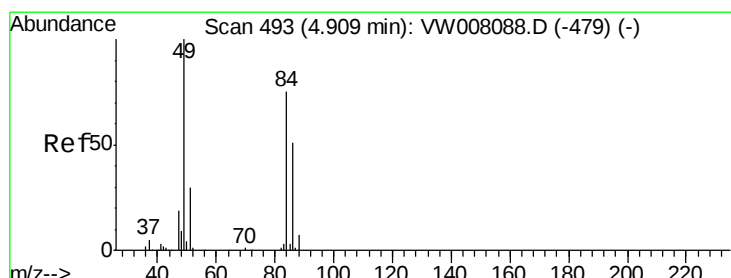
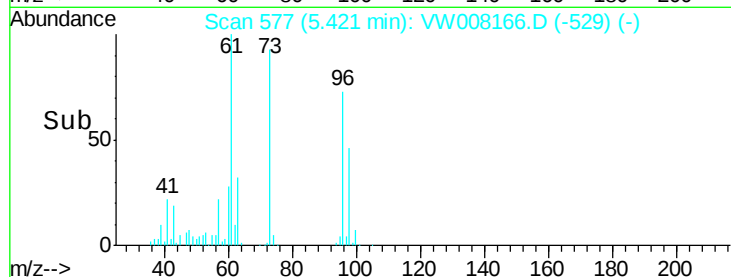
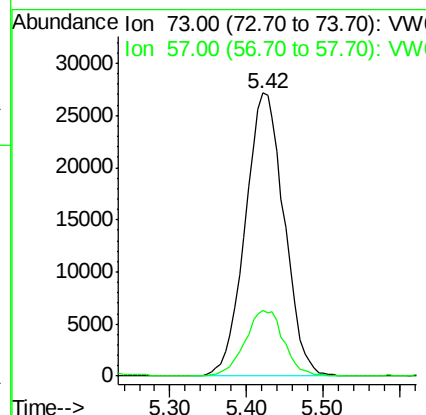
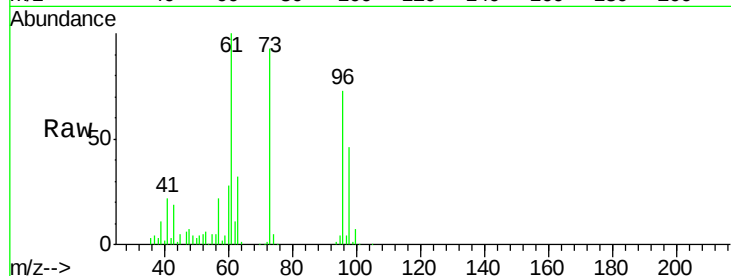
#19
Methvl tert-butvl Ether
Concen: 52.821 ug/l
RT: 5.42 min Scan# 577
Delta R.T. -0.01 min
Lab File: VW008166.D
Acq: 10 Jan 2019 23:49

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion: 73 Resp: 95783
Ion Ratio Lower Upper
73 100
57 22.9 16.7 25.1

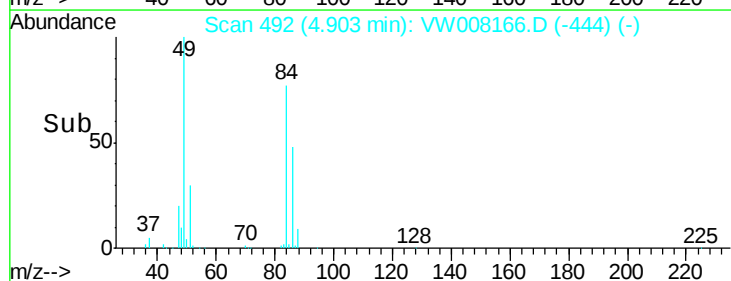
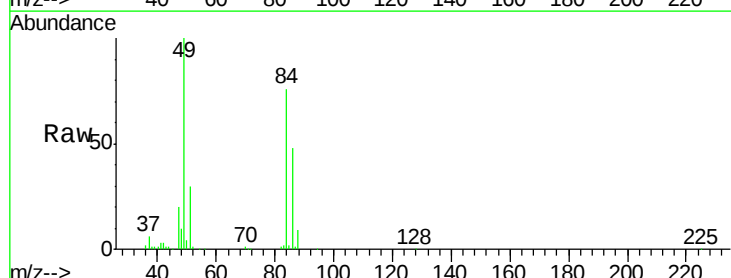
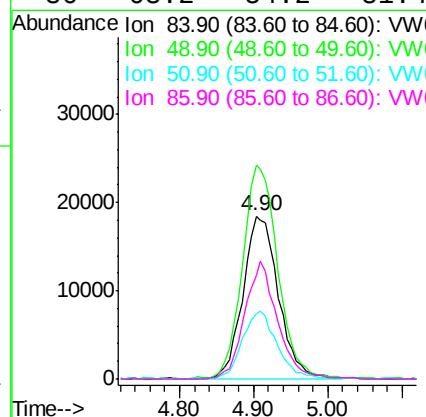
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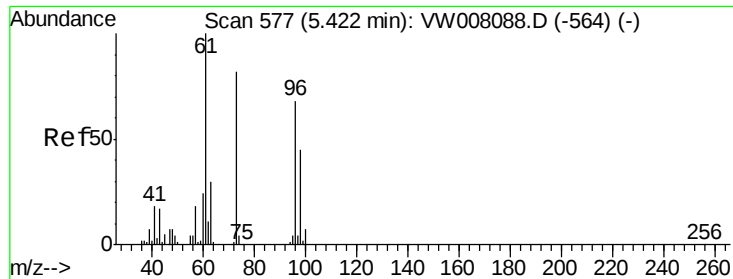
MMDadoda
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#20
Methylene Chloride
Concen: 55.398 ug/l
RT: 4.90 min Scan# 492
Delta R.T. -0.01 min
Lab File: VW008166.D
Acq: 10 Jan 2019 23:49

Tgt Ion: 84 Resp: 61854
Ion Ratio Lower Upper
84 100
49 130.9 107.1 160.7
51 39.4 32.4 48.6
86 63.2 54.2 81.4





#21

trans-1,2-Dichloroethene

Concen: 51.741 ug/l

RT: 5.42 min Scan# 577

Delta R.T. -0.00 min

Lab File: VW008166.D

Acq: 10 Jan 2019 23:49

Instrument :

MSVOA_W

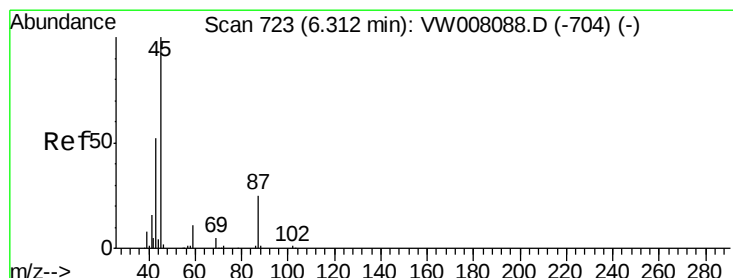
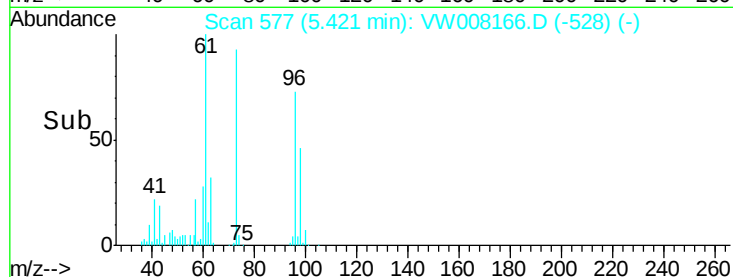
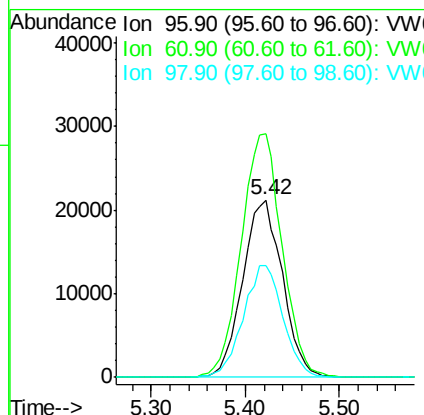
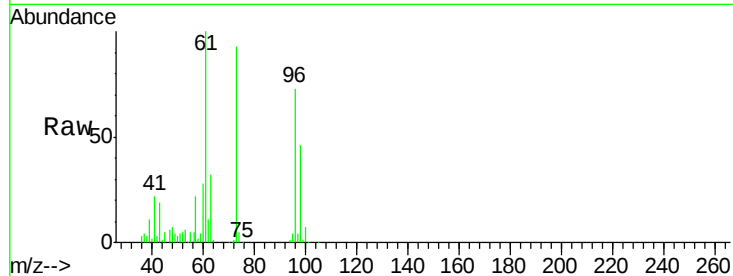
ClientSampleId :

VSTDCCC050

Tot Ion:	96	Resp:	62718
Ion	Ratio	Lower	Upper
96	100		
61	137.5	117.4	176.0
98	63.3	52.2	78.4

Manual Integrations
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#22

Diisopropyl ether

Concen: 53.514 ug/l

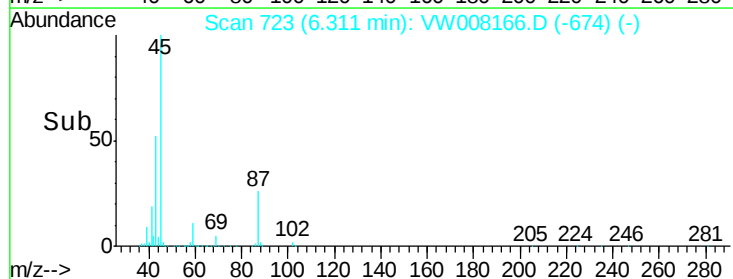
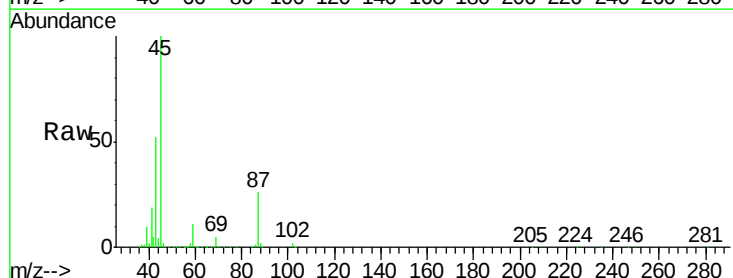
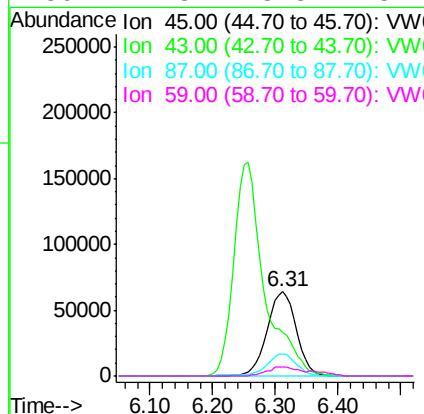
RT: 6.31 min Scan# 723

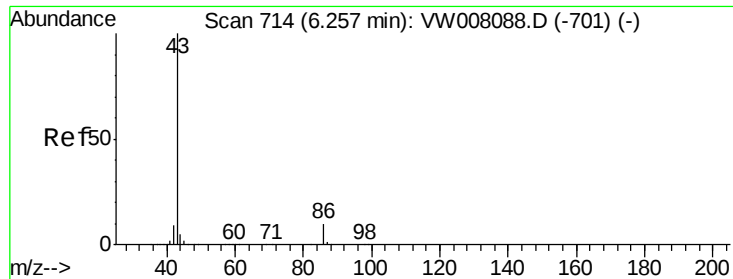
Delta R.T. -0.00 min

Lab File: VW008166.D

Acq: 10 Jan 2019 23:49

Tgt Ion:	45	Resp:	206691
Ion	Ratio	Lower	Upper
45	100		
43	52.3	41.7	62.5
87	25.8	20.1	30.1
59	11.3	8.8	13.2





#23

Vinyl Acetate

Concen: 269.779 ug/l

RT: 6.26 min Scan# 714

Delta R.T. -0.00 min

Lab File: VW008166.D

Acq: 10 Jan 2019 23:49

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 547245

Ion Ratio Lower Upper

43 100

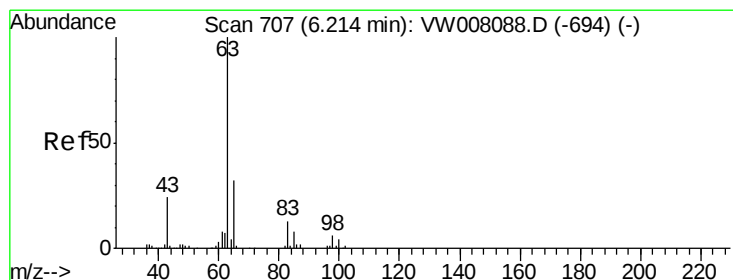
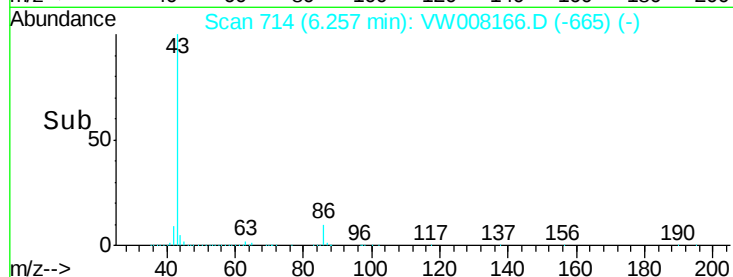
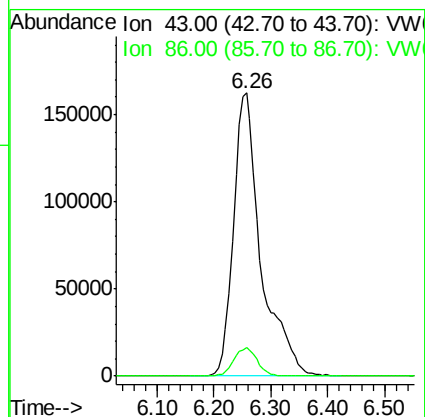
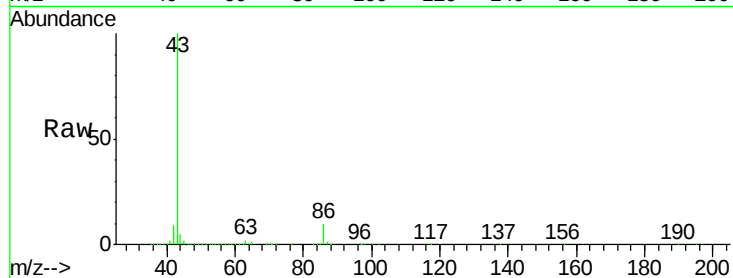
86 10.2 7.7 11.5

Manual Integrations

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#24

1,1-Dichloroethane

Concen: 51.699 ug/l

RT: 6.21 min Scan# 707

Delta R.T. -0.00 min

Lab File: VW008166.D

Acq: 10 Jan 2019 23:49

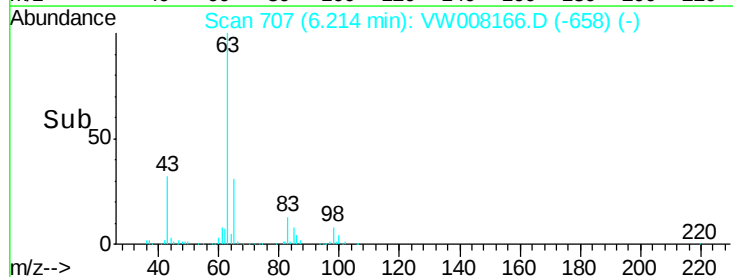
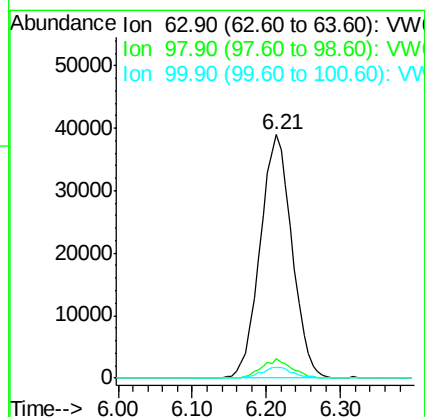
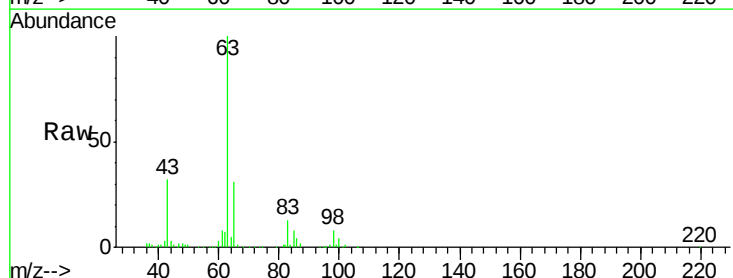
Tgt Ion: 63 Resp: 116345

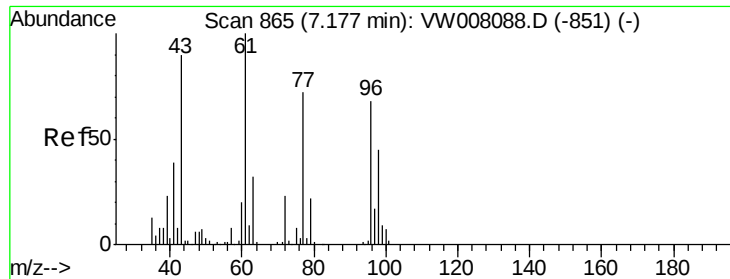
Ion Ratio Lower Upper

63 100

98 8.2 3.2 9.6

100 4.1 2.0 6.0





#25

2-Butanone

Concen: 266.922 ug/l

RT: 7.17 min Scan# 864

Delta R.T. -0.01 min

Lab File: VW008166.D

Acq: 10 Jan 2019 23:49

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 85017

Ion Ratio Lower Upper

43 100

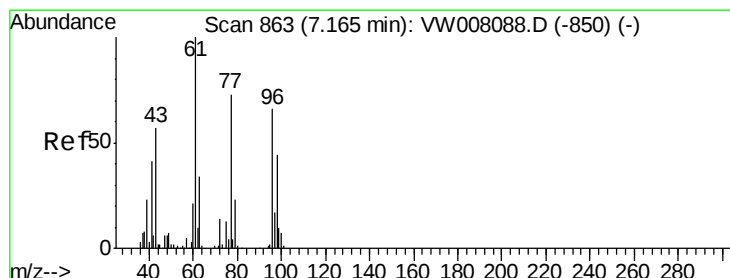
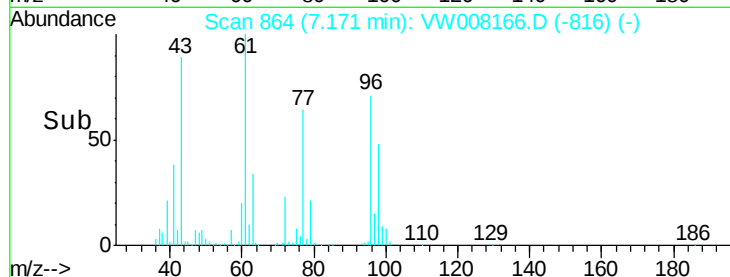
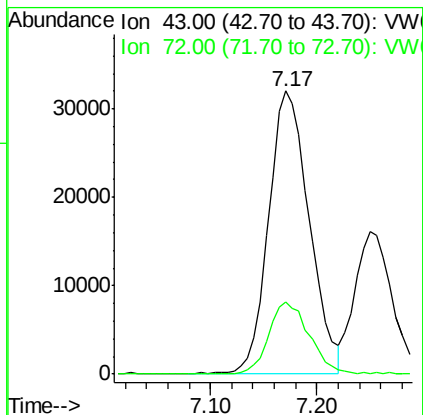
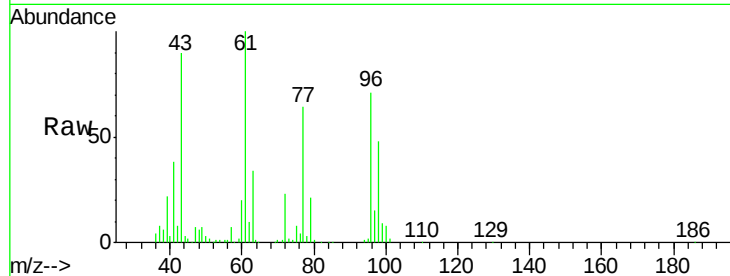
72 25.6 20.5 30.7

Manual Integrations

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#26

2,2-Dichloropropane

Concen: 44.601 ug/l

RT: 7.16 min Scan# 863

Delta R.T. -0.00 min

Lab File: VW008166.D

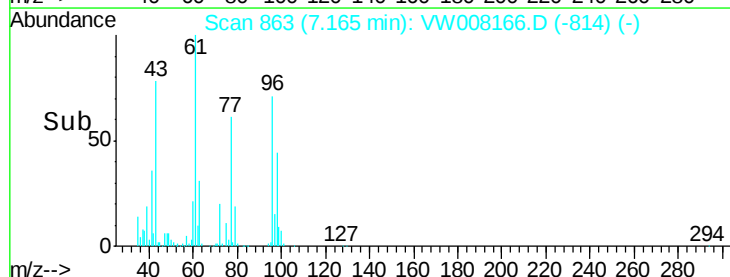
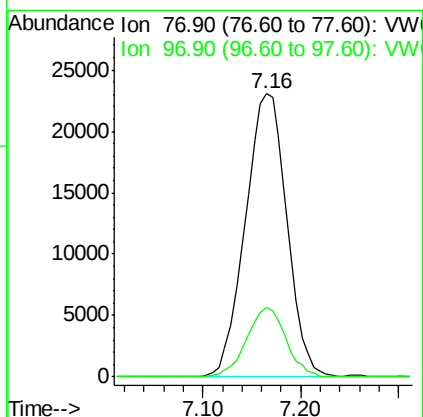
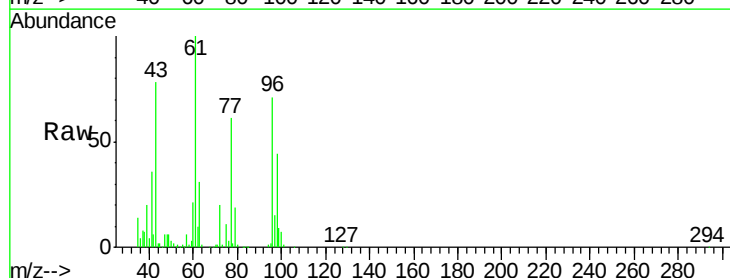
Acq: 10 Jan 2019 23:49

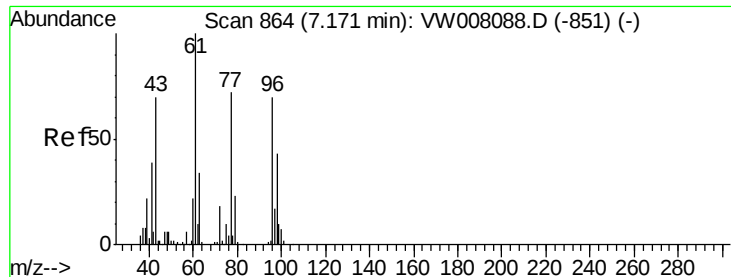
Tgt Ion: 77 Resp: 68008

Ion Ratio Lower Upper

77 100

97 23.2 11.4 34.1





#27

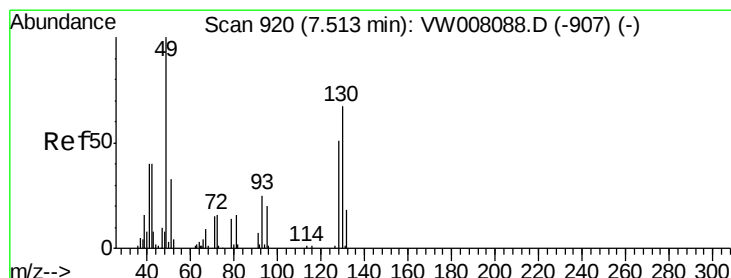
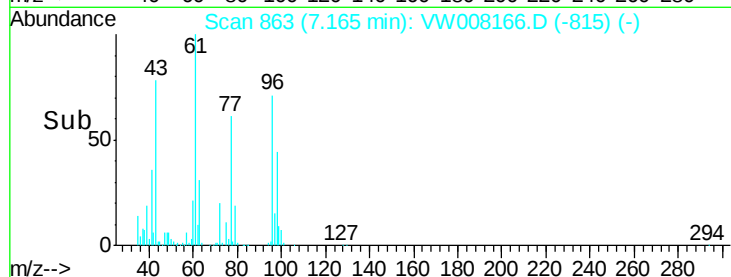
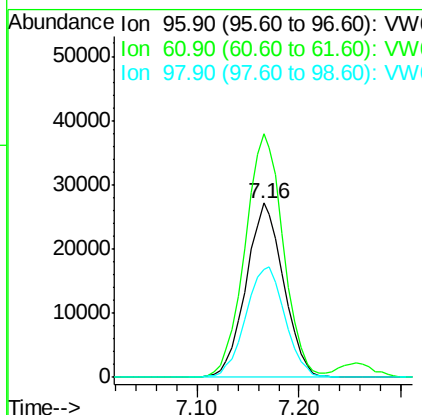
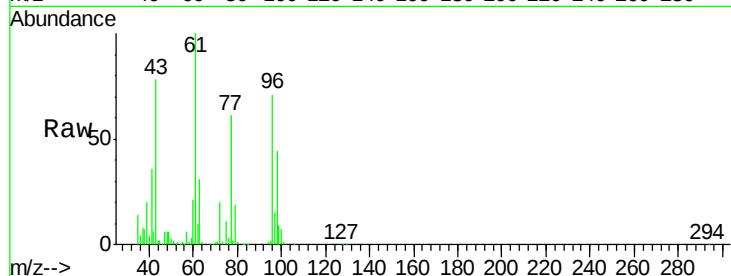
cis-1,2-Dichloroethene
Concen: 52.601 ug/l
RT: 7.16 min Scan# 863
Delta R.T. -0.01 min
Lab File: VW008166.D
Acq: 10 Jan 2019 23:49

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
96	100		
61	142.3	0.0	300.4
98	66.0	0.0	128.4

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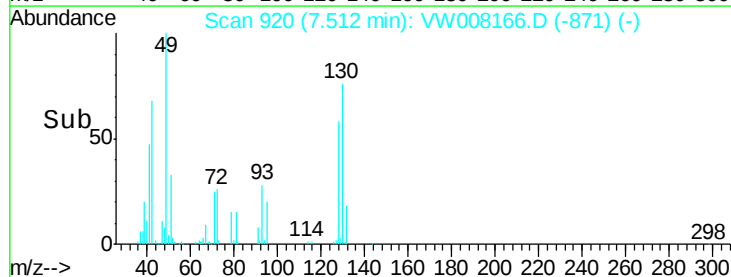
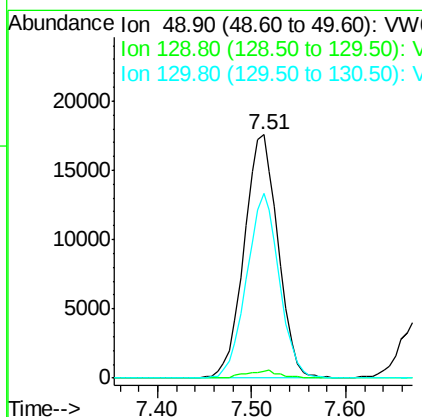
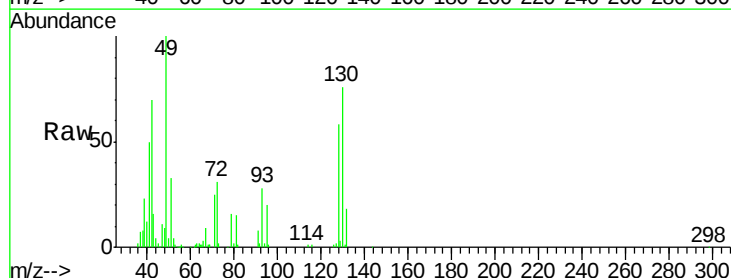
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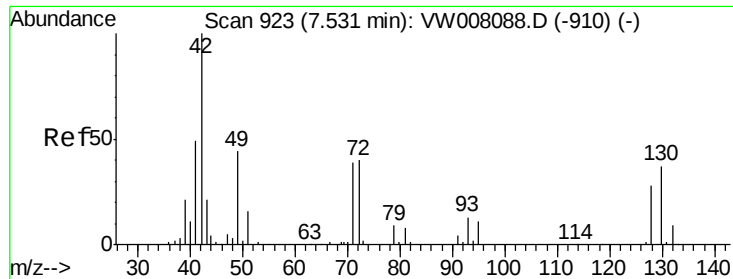


#28

Bromochloromethane
Concen: 49.758 ug/l
RT: 7.51 min Scan# 920
Delta R.T. -0.00 min
Lab File: VW008166.D
Acq: 10 Jan 2019 23:49

Tgt Ion	Ratio	Lower	Upper
49	100		
129	3.0	0.0	2.8#
130	73.1	54.3	81.5





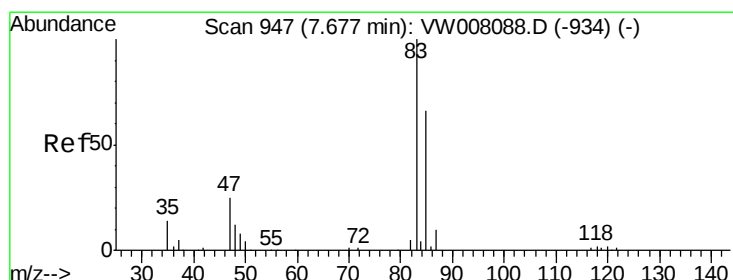
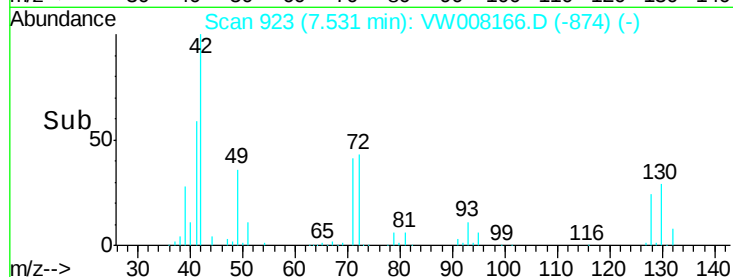
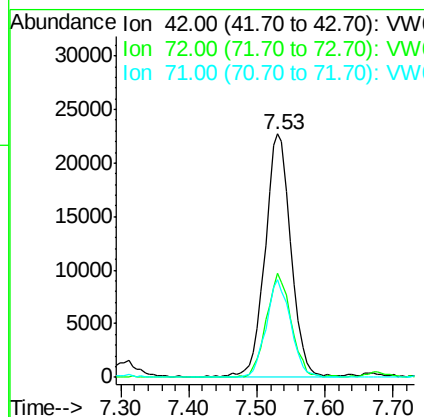
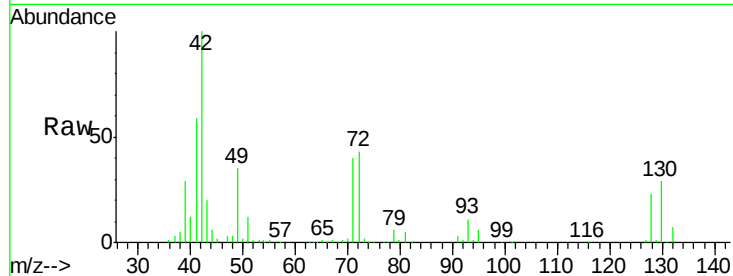
#29
Tetrahydrofuran
Concen: 284.001 ug/l
RT: 7.53 min Scan# 923
Delta R.T. -0.00 min
Lab File: VW008166.D
Acq: 10 Jan 2019 23:49

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
42	100		
72	40.9	32.4	48.6
71	38.2	31.3	46.9

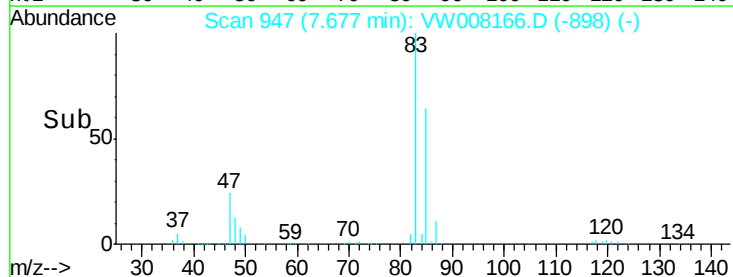
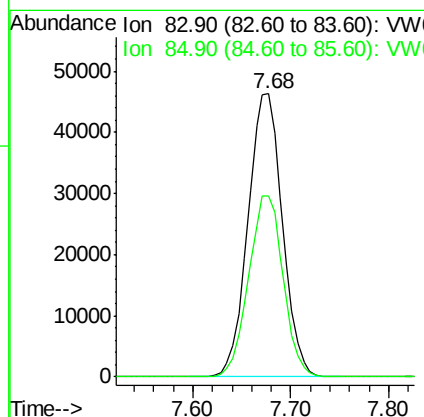
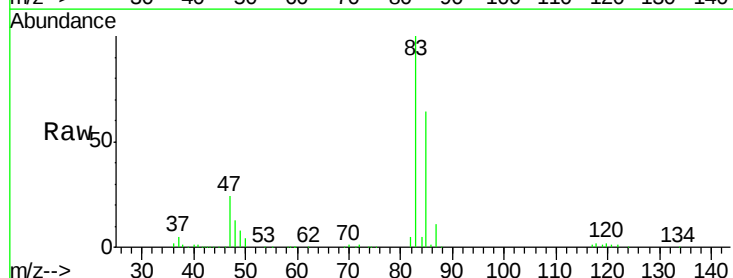
Manual Integrations
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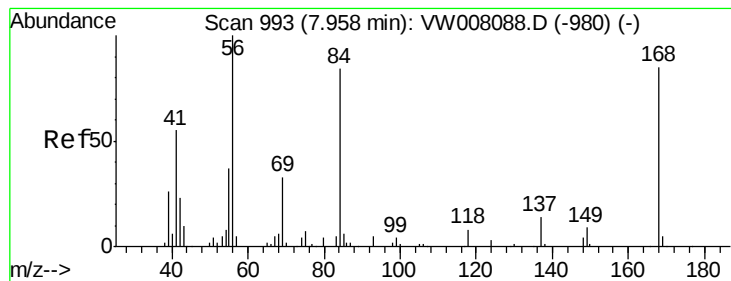
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#30
Chloroform
Concen: 52.894 ug/l
RT: 7.68 min Scan# 947
Delta R.T. -0.00 min
Lab File: VW008166.D
Acq: 10 Jan 2019 23:49

Tgt Ion	Ratio	Lower	Upper
83	100		
85	64.1	53.2	79.8





#31

Cyclohexane

Concen: 44.181 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.01 min

Lab File: VW008166.D

Acq: 10 Jan 2019 23:49

Instrument :

MSVOA_W

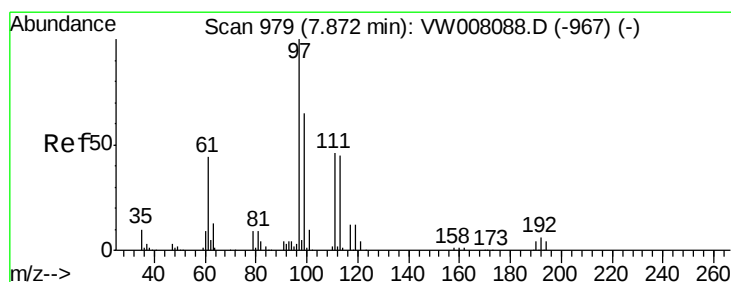
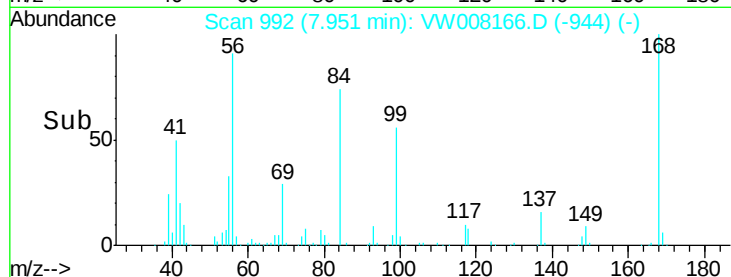
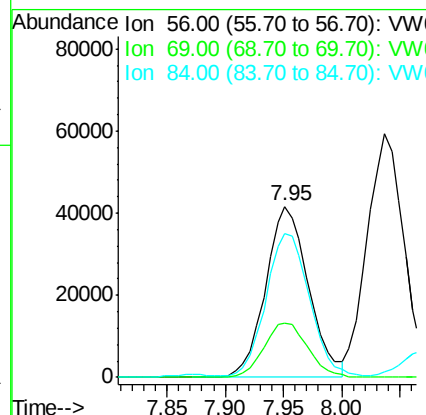
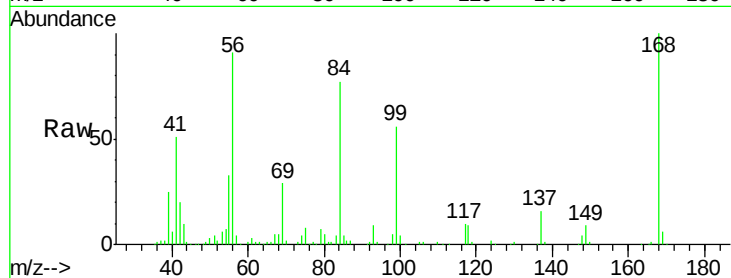
ClientSampleId :

VSTDCCC050

Tot Ion:	56	Resp:	106437
Ion Ratio	Lower	Upper	
56	100		
69	31.5	26.2	39.4
84	82.4	67.4	101.2

Manual Integrations
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#32

1,1,1-Trichloroethane

Concen: 49.897 ug/l

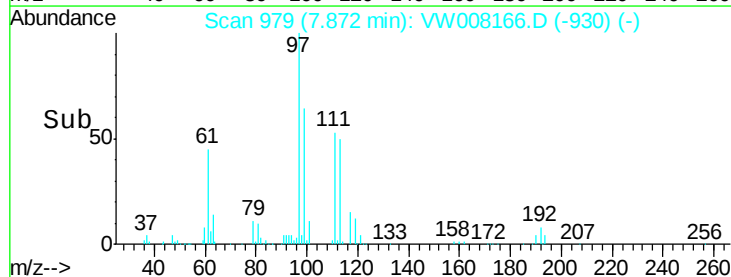
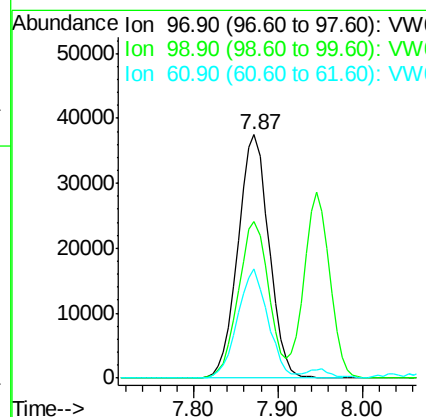
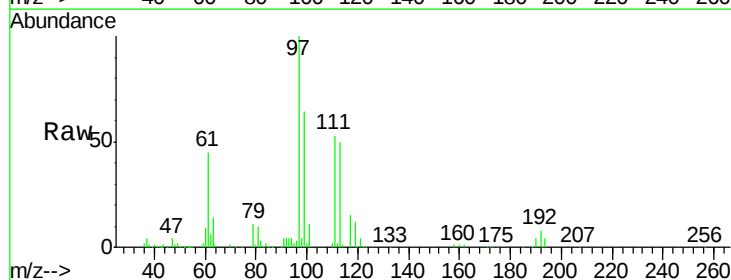
RT: 7.87 min Scan# 979

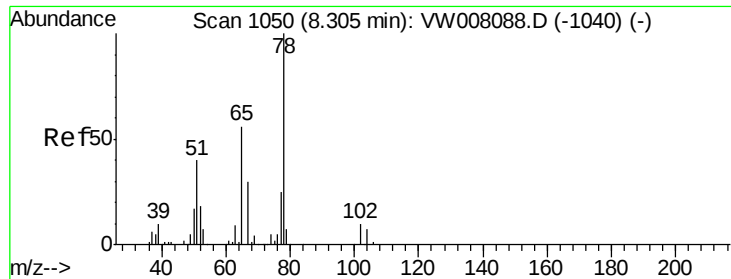
Delta R.T. -0.00 min

Lab File: VW008166.D

Acq: 10 Jan 2019 23:49

Tgt Ion:	97	Resp:	93001
Ion Ratio	Lower	Upper	
97	100		
99	63.6	51.4	77.0
61	43.9	35.6	53.4





#33

1,2-Dichloroethane-d4

Concen: 50.257 ug/l

RT: 8.30 min Scan# 1050

Delta R.T. -0.00 min

Lab File: VW008166.D

Acq: 10 Jan 2019 23:49

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tot Ion: 65 Resp: 57532

Ion Ratio Lower Upper

65 100

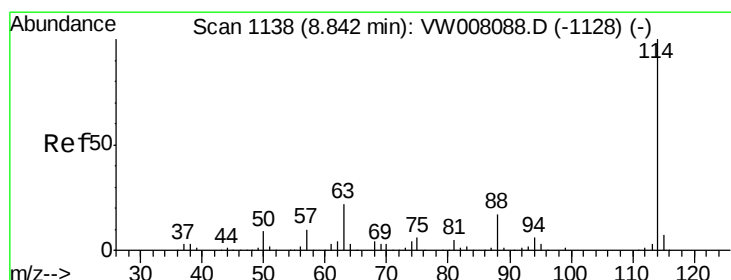
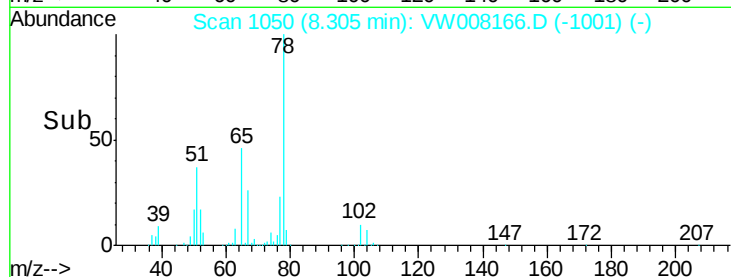
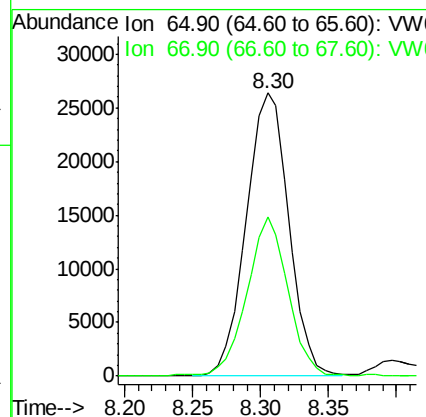
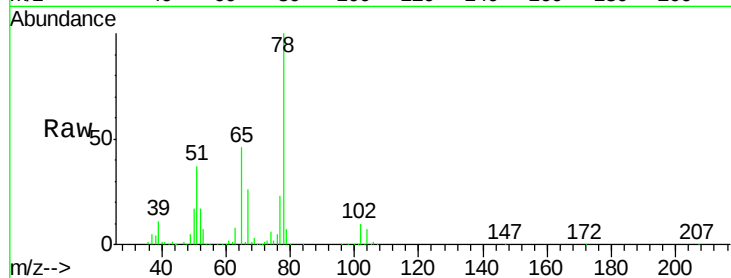
67 54.3 0.0 106.8

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: VW008166.D

Acq: 10 Jan 2019 23:49

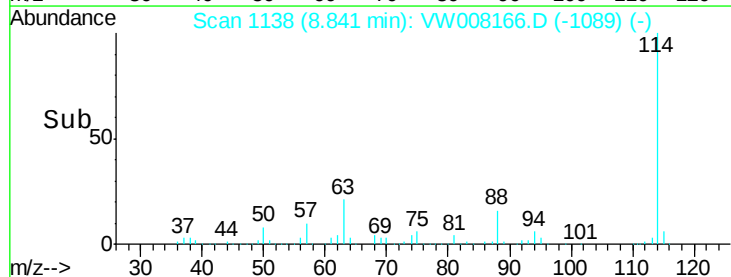
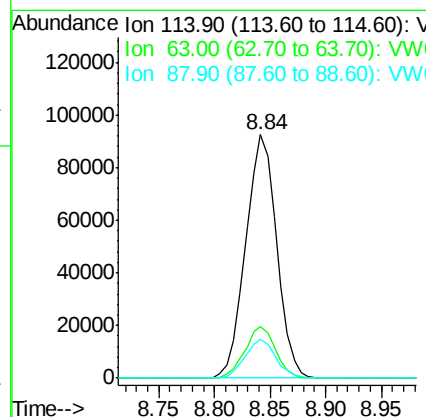
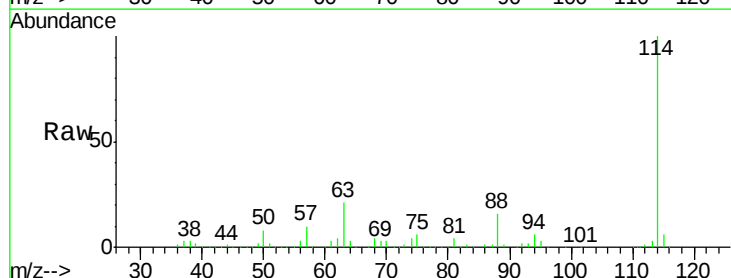
Tgt Ion: 114 Resp: 178722

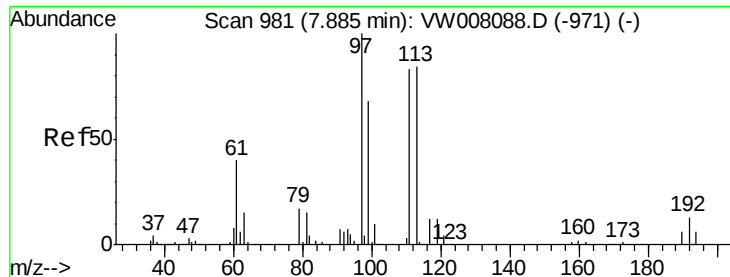
Ion Ratio Lower Upper

114 100

63 21.2 0.0 43.4

88 16.0 0.0 33.4





#35

Dibromofluoromethane

Concen: 53.858 ug/l

RT: 7.88 min Scan# 981

Delta R.T. -0.00 min

Lab File: VW008166.D

Acq: 10 Jan 2019 23:49

Instrument :

MSVOA_W

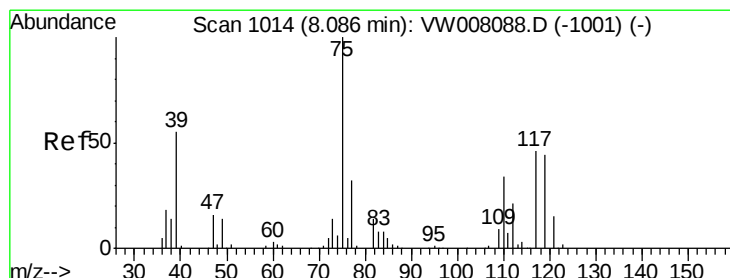
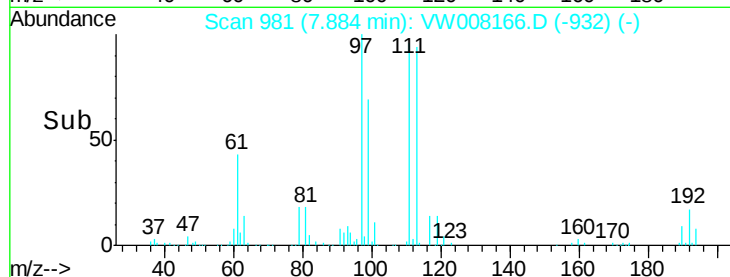
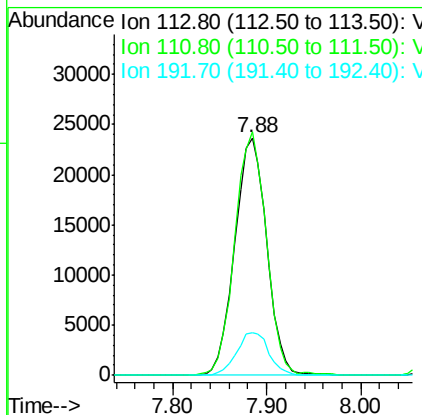
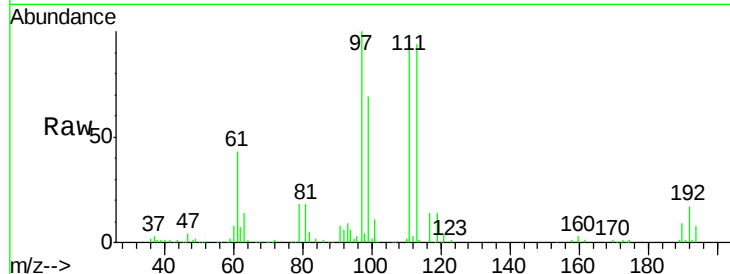
ClientSampleId :

VSTDCCC050

Tot Ion	Ratio	Lower	Upper
113	100		
111	101.3	81.8	122.8
192	18.0	12.8	19.2

Manual Integrations
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#36

1,1-Dichloropropene

Concen: 48.308 ug/l

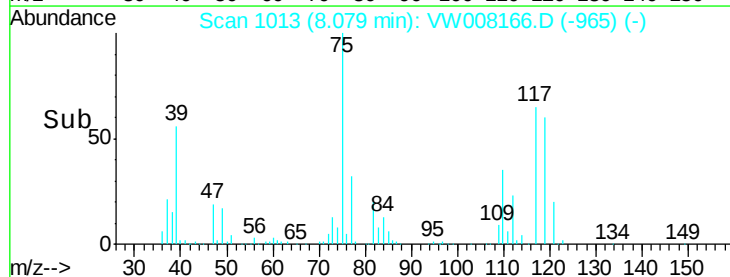
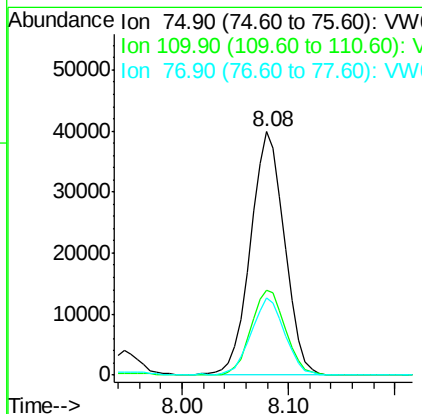
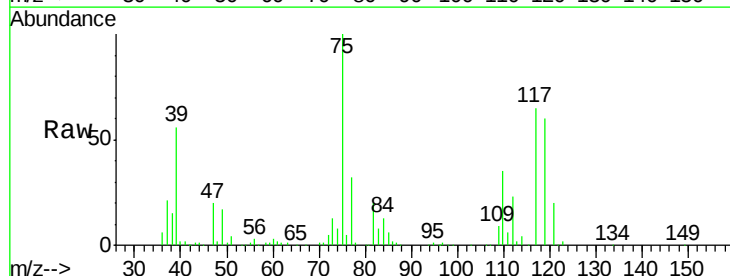
RT: 8.08 min Scan# 1013

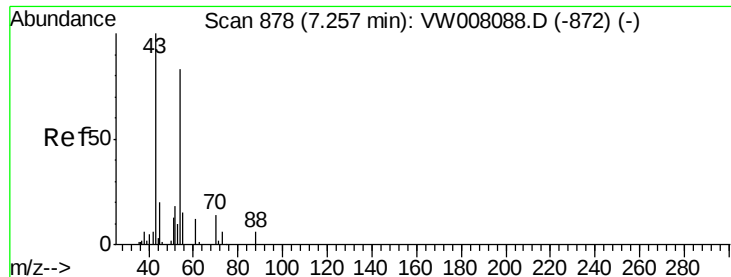
Delta R.T. -0.01 min

Lab File: VW008166.D

Acq: 10 Jan 2019 23:49

Tgt Ion	Ratio	Lower	Upper
75	100		
110	35.5	17.1	51.3
77	31.7	25.5	38.3





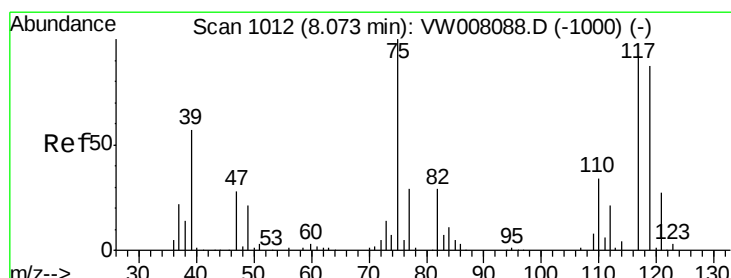
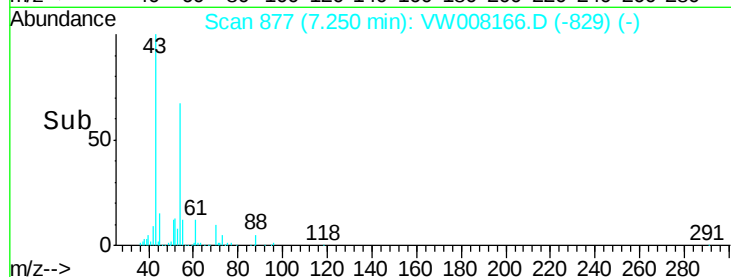
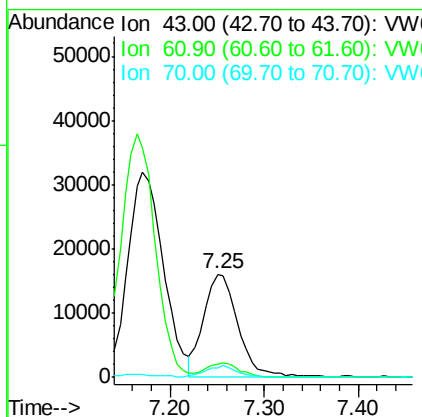
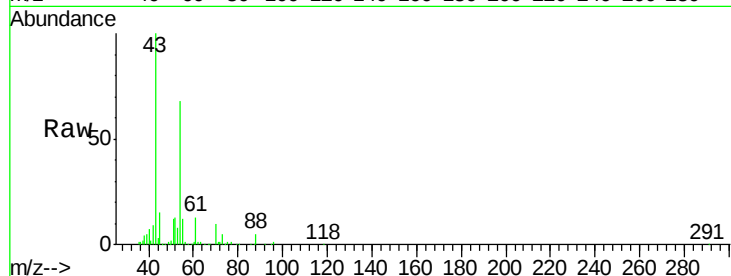
#37
Ethyl Acetate
Concen: 54.546 ug/l
RT: 7.25 min Scan# 877
Delta R.T. -0.01 min
Lab File: VW008166.D
Acq: 10 Jan 2019 23:49

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

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

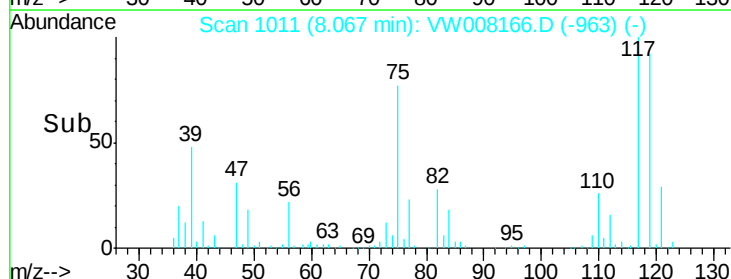
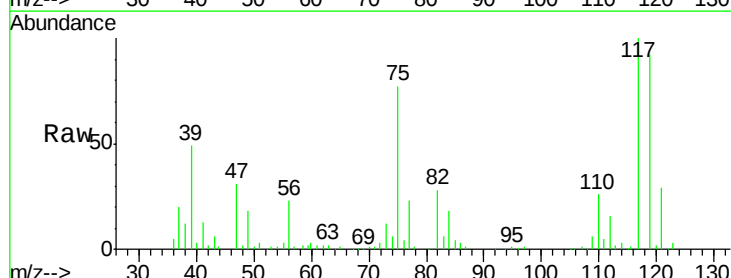
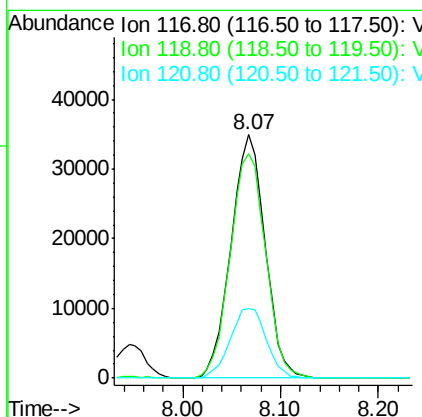
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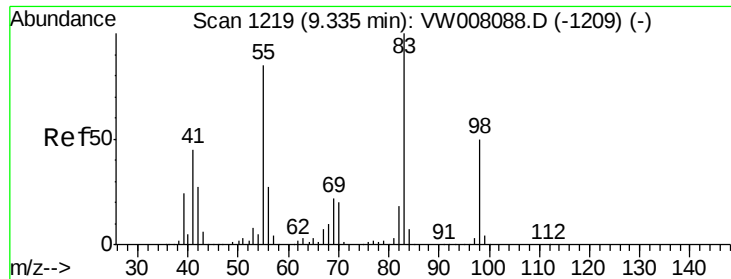
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#38
Carbon Tetrachloride
Concen: 50.178 ug/l
RT: 8.07 min Scan# 1011
Delta R.T. -0.01 min
Lab File: VW008166.D
Acq: 10 Jan 2019 23:49

Tgt Ion	Ratio	Lower	Upper
117	100		
119	92.1	75.8	113.8
121	28.7	23.7	35.5





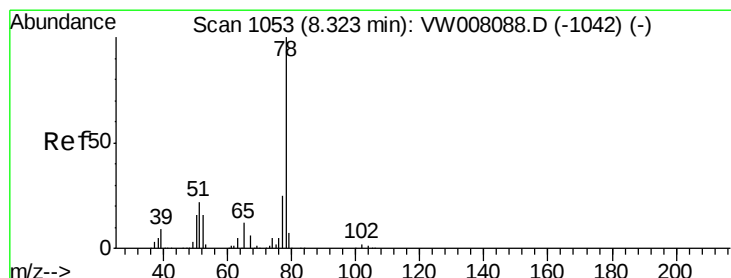
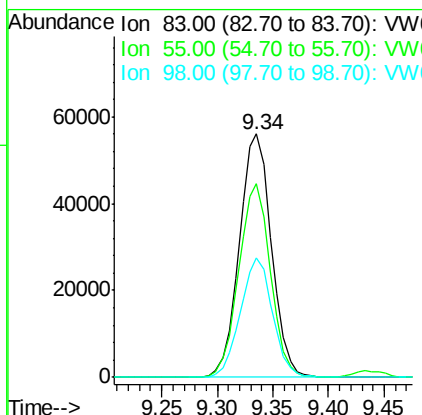
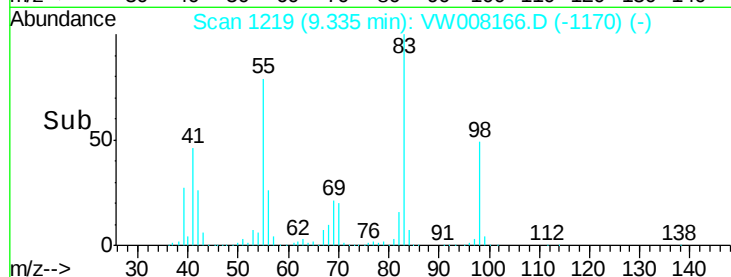
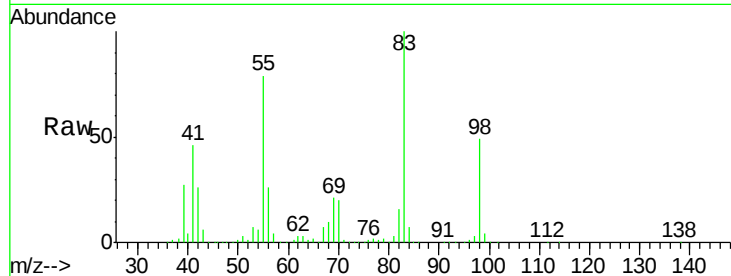
#39
Methvlcvclohexane
Concen: 48.039 ug/l
RT: 9.34 min Scan# 1219
Delta R.T. -0.00 min
Lab File: VW008166.D
Acq: 10 Jan 2019 23:49

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
83	100			
55	79.3	67.8	101.6	
98	49.1	40.2	60.4	

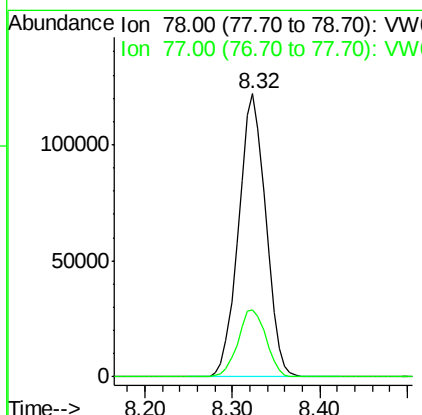
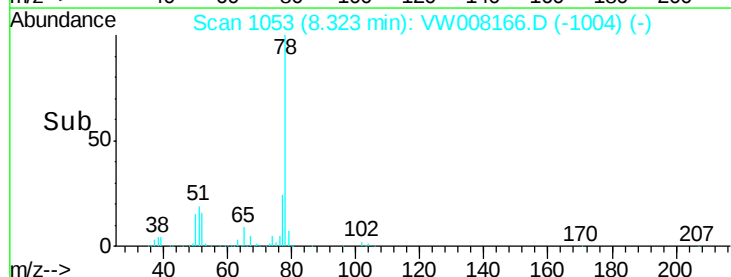
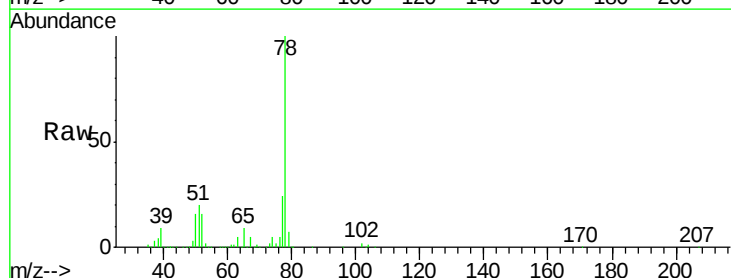
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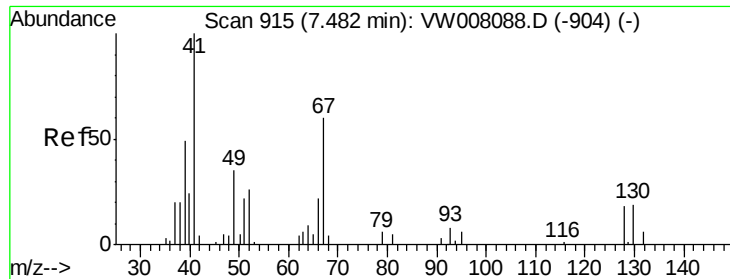
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#40
Benzene
Concen: 52.801 ug/l
RT: 8.32 min Scan# 1053
Delta R.T. -0.00 min
Lab File: VW008166.D
Acq: 10 Jan 2019 23:49

Tgt Ion	Ratio	Resp	Lower	Upper
78	100			
77	23.9	20.2	30.4	





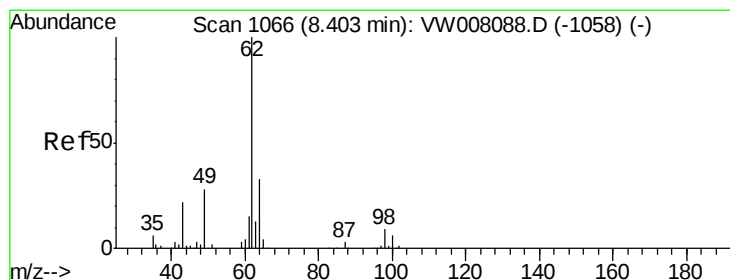
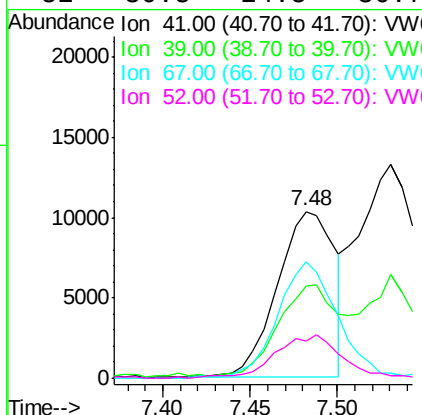
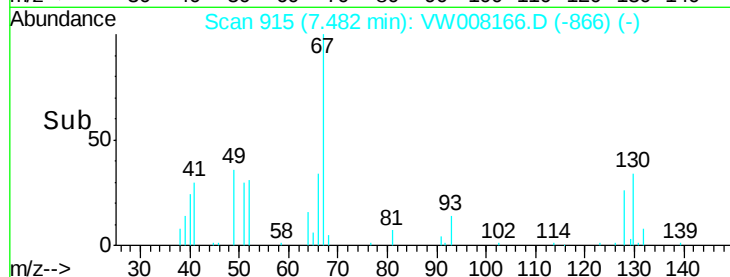
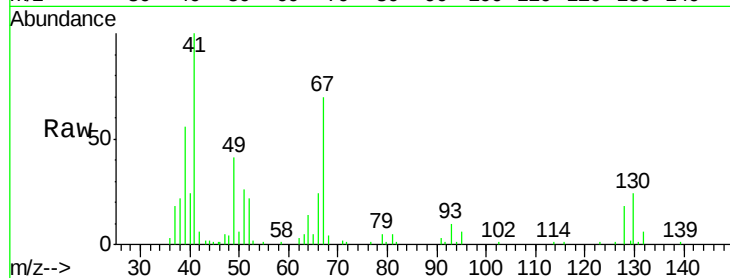
#41
Methacrylonitrile
Concen: 50.610 ug/l
RT: 7.48 min Scan# 915
Delta R.T. -0.00 min
Lab File: VW008166.D
Acq: 10 Jan 2019 23:49

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	41	Resp	23580
Ion Ratio	Lower	Upper	
41	100		
39	59.7	47.9	71.9
67	74.5	56.3	84.5
52	30.8	24.5	36.7

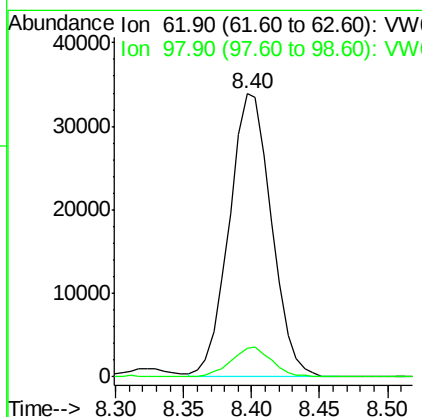
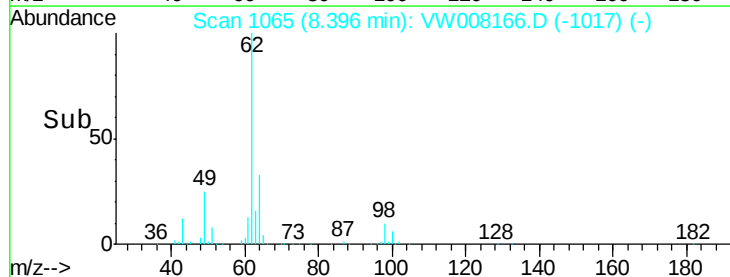
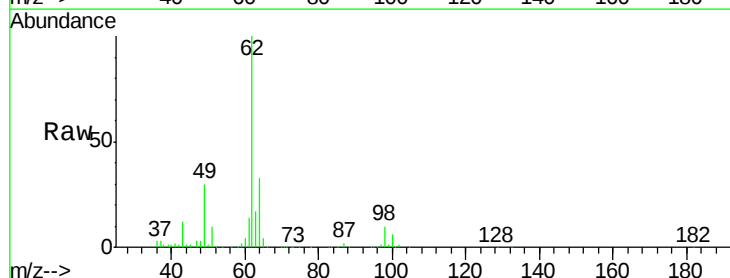
Manual Integrations
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#42
1,2-Dichloroethane
Concen: 52.308 ug/l
RT: 8.40 min Scan# 1065
Delta R.T. -0.01 min
Lab File: VW008166.D
Acq: 10 Jan 2019 23:49

Tgt Ion	62	Resp	73462
Ion Ratio	Lower	Upper	
62	100		
98	10.2	0.0	18.6





#43

Isopropyl Acetate

Concen: 54.505 ug/l

RT: 8.43 min Scan# 1070

Delta R.T. -0.00 min

Lab File: VW008166.D

Acq: 10 Jan 2019 23:49

Instrument :

MSVOA_W

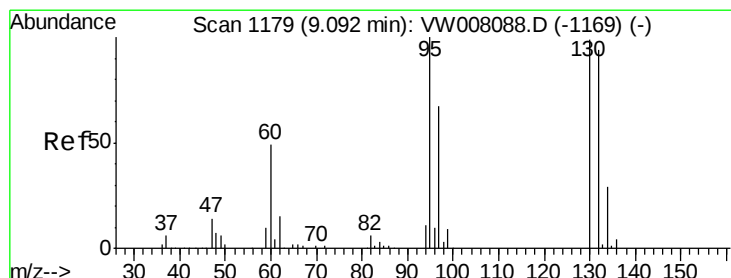
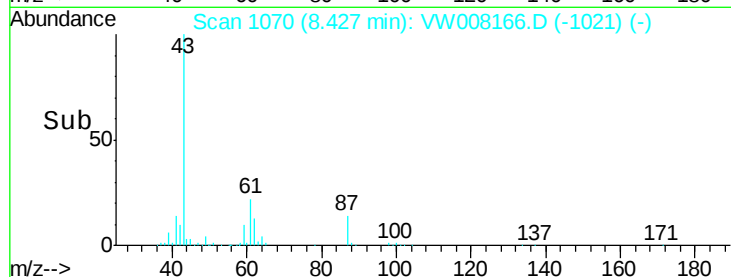
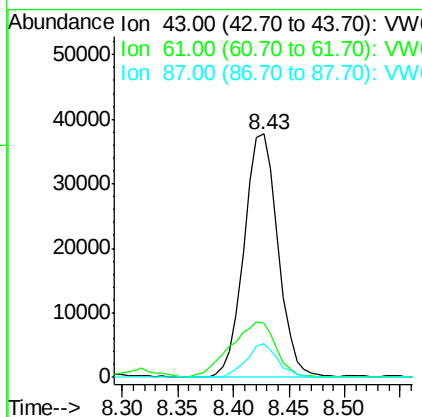
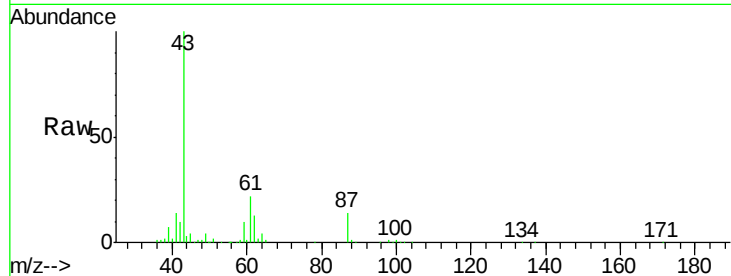
ClientSampleId :

VSTDCCC050

Tot Ion:	43	Resp:	80377
Ion	Ratio	Lower	Upper
43	100		
61	30.2	24.8	37.2
87	12.9	10.4	15.6

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#44

Trichloroethene

Concen: 51.201 ug/l

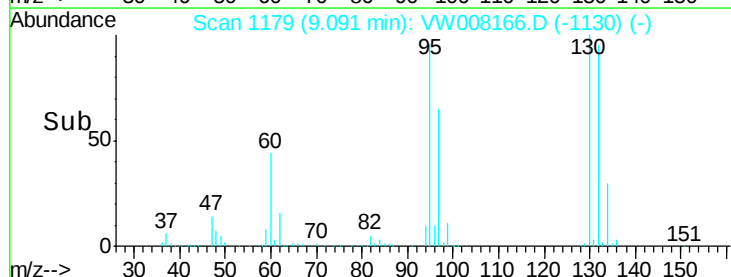
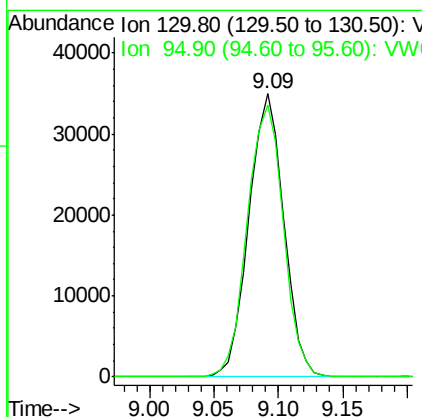
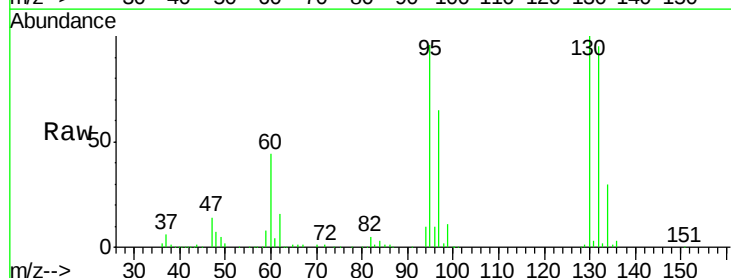
RT: 9.09 min Scan# 1179

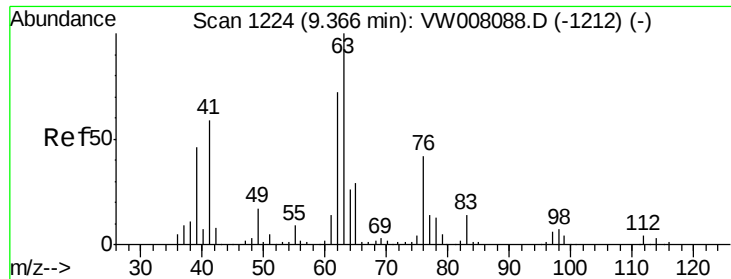
Delta R.T. -0.00 min

Lab File: VW008166.D

Acq: 10 Jan 2019 23:49

Tgt Ion:	130	Resp:	65447
Ion	Ratio	Lower	Upper
130	100		
95	95.8	0.0	202.8





#45

1,2-Dichloropropane

Concen: 53.762 ug/l

RT: 9.37 min Scan# 1224

Delta R.T. -0.00 min

Lab File: VW008166.D

Acq: 10 Jan 2019 23:49

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tot Ion: 63 Resp: 66565

Ion Ratio Lower Upper

63 100

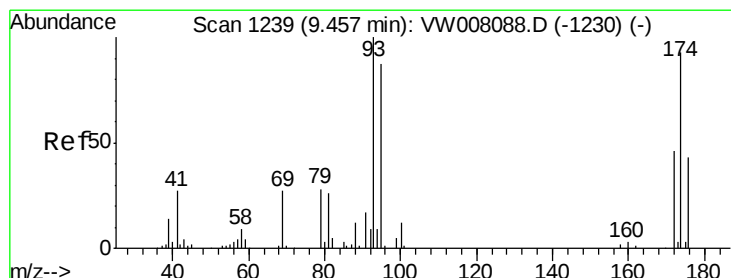
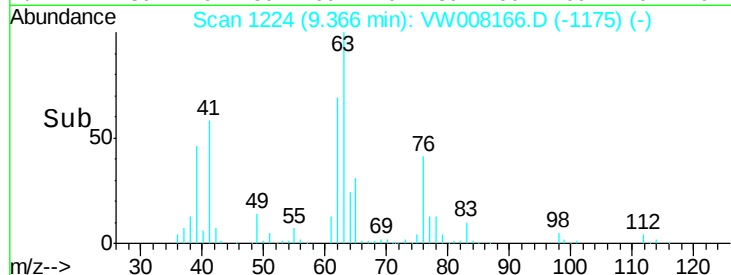
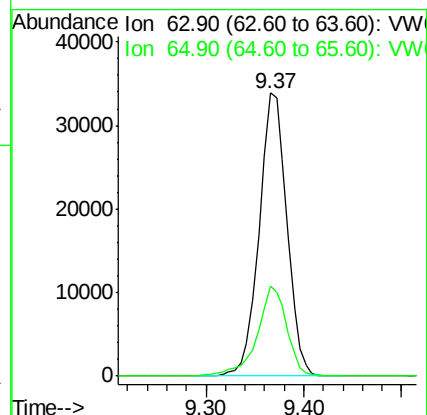
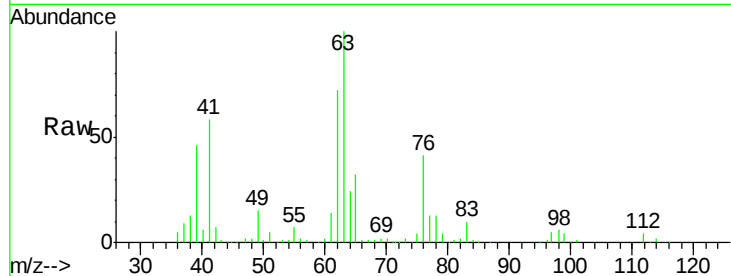
65 31.8 23.3 34.9

Manual Integrations

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#46

Dibromomethane

Concen: 56.164 ug/l

RT: 9.46 min Scan# 1239

Delta R.T. -0.00 min

Lab File: VW008166.D

Acq: 10 Jan 2019 23:49

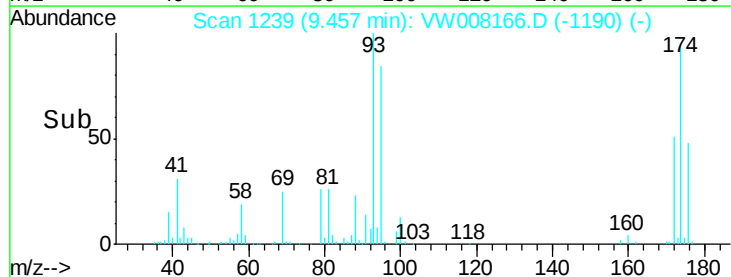
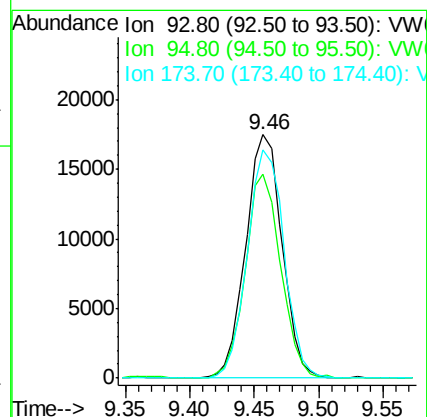
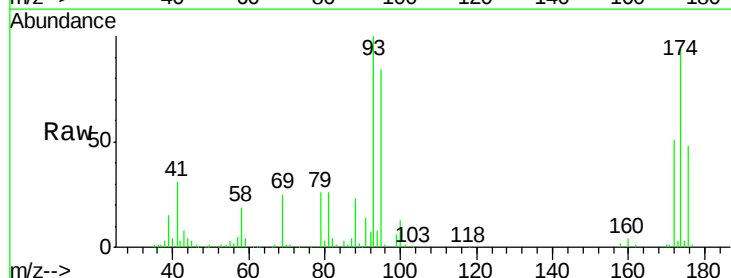
Tgt Ion: 93 Resp: 34151

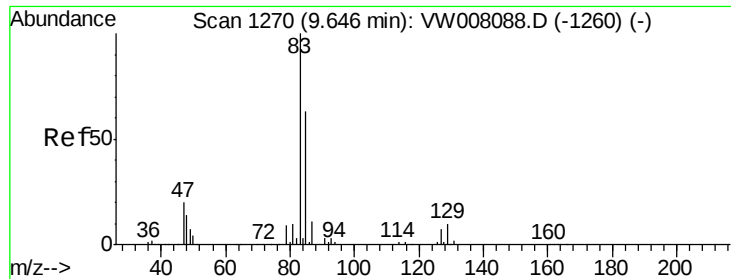
Ion Ratio Lower Upper

93 100

95 81.7 67.5 101.3

174 94.7 72.5 108.7





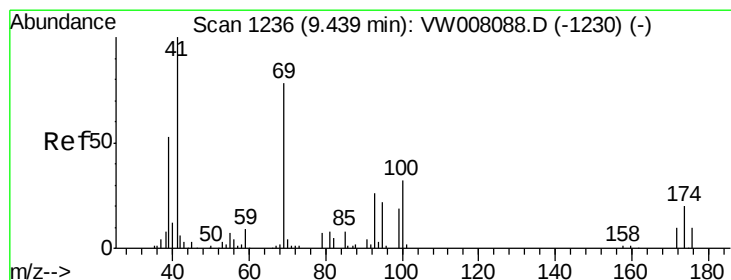
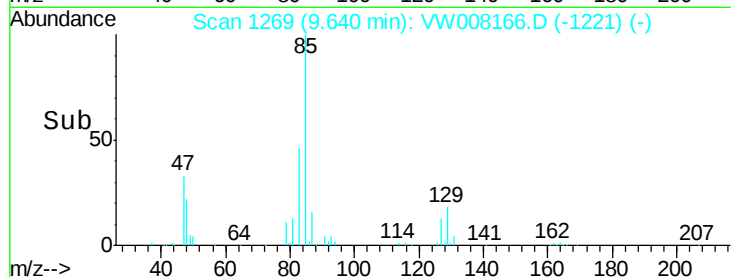
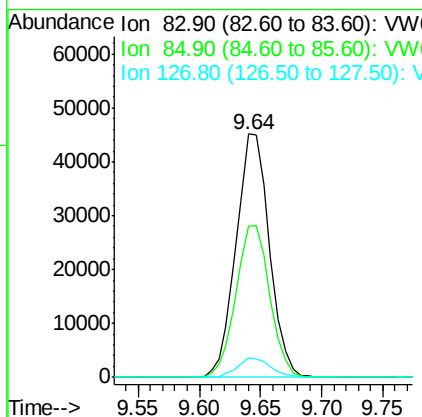
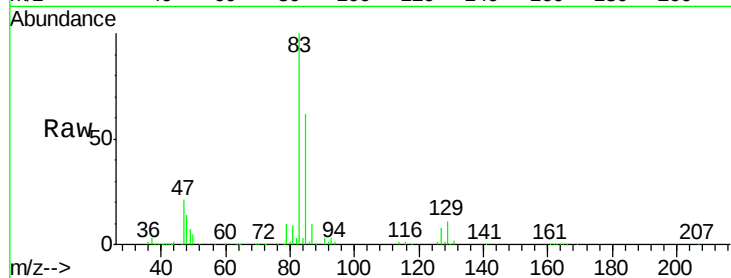
#47
Bromodichloromethane
Concen: 55.272 ug/l
RT: 9.64 min Scan# 1269
Delta R.T. -0.01 min
Lab File: VW008166.D
Acq: 10 Jan 2019 23:49

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	83	Resp	85338
Ion Ratio	100	Lower	Upper
83	100		
85	62.3	50.7	76.1
127	7.9	6.0	9.0

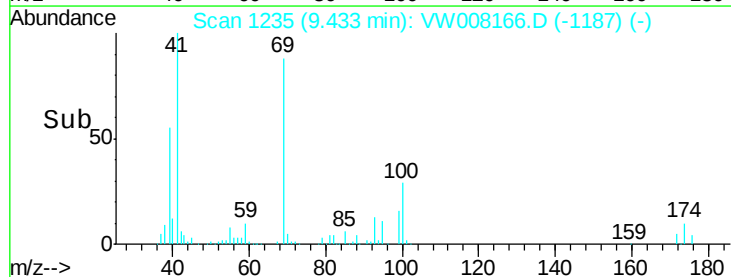
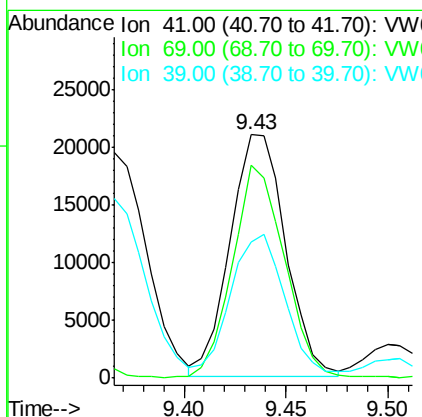
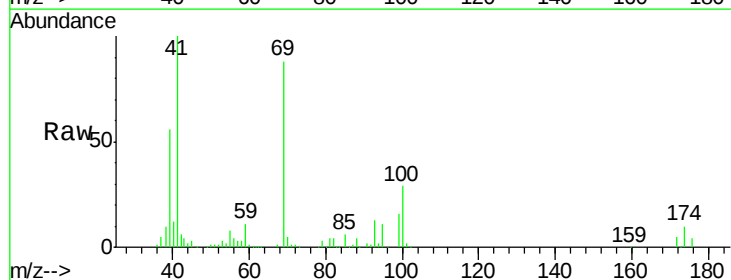
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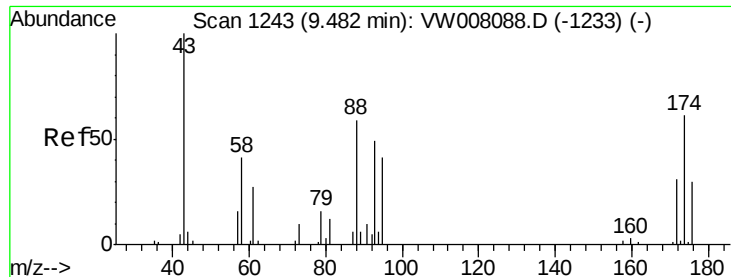
MMDadoda
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#48
Methyl methacrylate
Concen: 56.951 ug/l
RT: 9.43 min Scan# 1235
Delta R.T. -0.01 min
Lab File: VW008166.D
Acq: 10 Jan 2019 23:49

Tgt Ion	41	Resp	39629
Ion Ratio	100	Lower	Upper
41	100		
69	83.0	61.9	92.9
39	57.7	43.0	64.4





#49

1,4-Dioxane

Concen: 1111.604 ug/l

RT: 9.46 min Scan# 1240

Delta R.T. -0.02 min

Lab File: VW008166.D

Acq: 10 Jan 2019 23:49

Instrument :

MSVOA_W

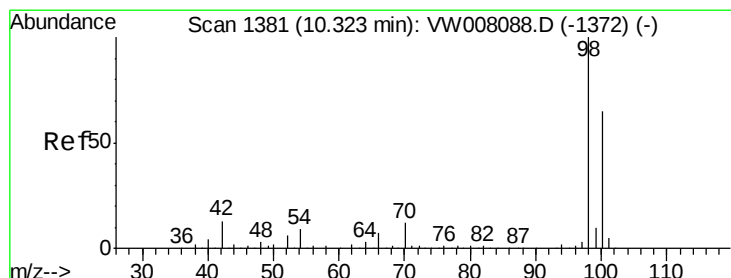
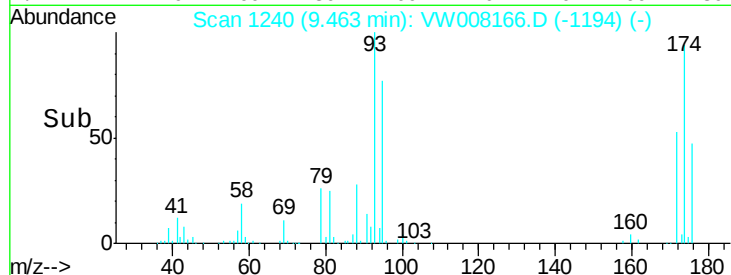
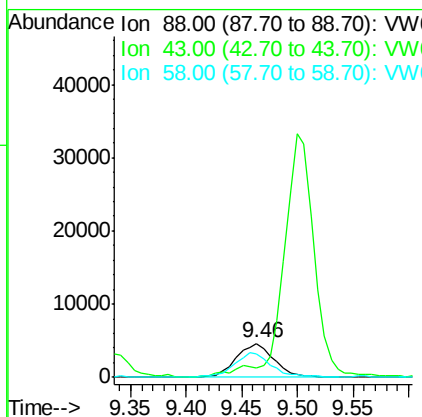
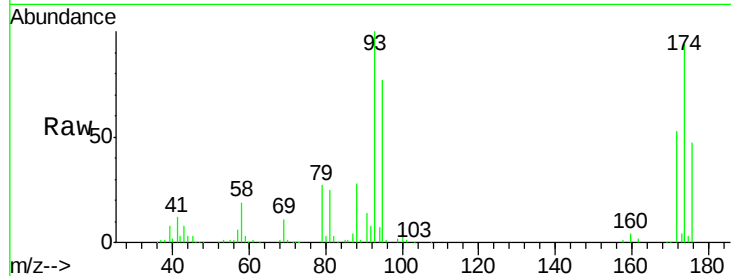
ClientSampleId :

VSTDCCC050

Tot Ion	88	Resp	10870
Ion	Ratio	Lower	Upper
88	100		
43	0.0	0.0	0.0
58	72.1	61.7	92.5

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#50

Toluene-d8

Concen: 50.372 ug/l

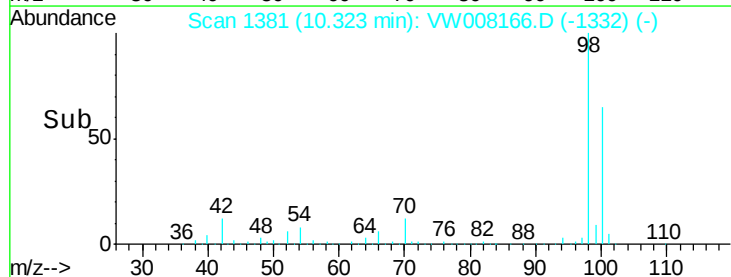
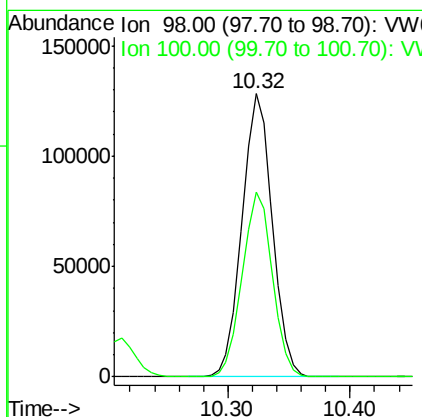
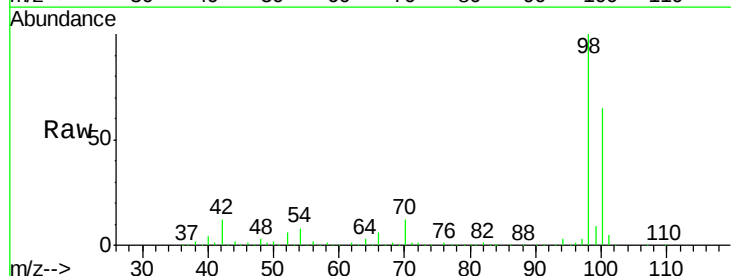
RT: 10.32 min Scan# 1381

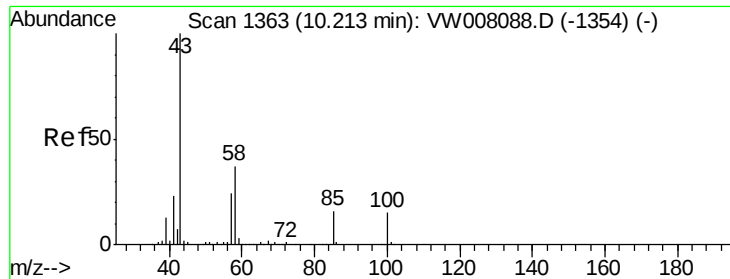
Delta R.T. -0.00 min

Lab File: VW008166.D

Acq: 10 Jan 2019 23:49

Tgt Ion	98	Resp	220336
Ion	Ratio	Lower	Upper
98	100		
100	65.2	51.7	77.5





#51

4-Methyl-2-Pentanone

Concen: 277.422 ug/l

RT: 10.21 min Scan# 1363

Delta R.T. -0.00 min

Lab File: VW008166.D

Acq: 10 Jan 2019 23:49

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 198031

Ion Ratio Lower Upper

43 100

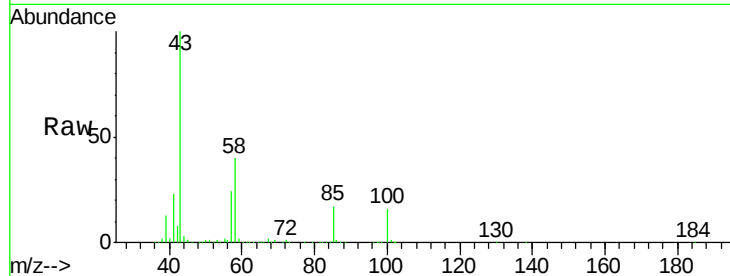
58 38.3 30.6 46.0

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Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

120000

100000

80000

60000

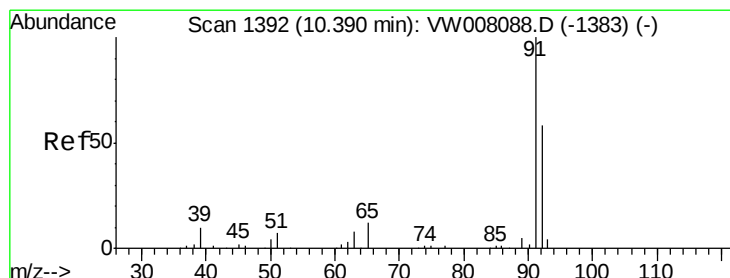
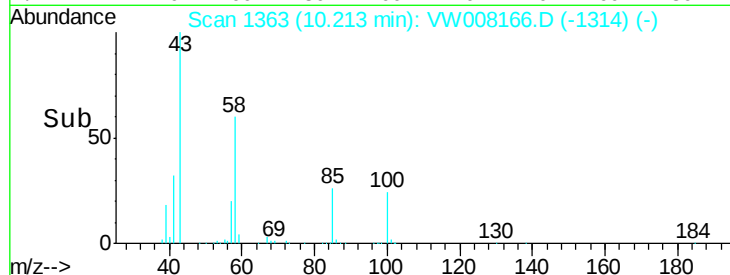
40000

20000

0

Time-->

10.10 10.20 10.30



#52

Toluene

Concen: 52.560 ug/l

RT: 10.39 min Scan# 1392

Delta R.T. -0.00 min

Lab File: VW008166.D

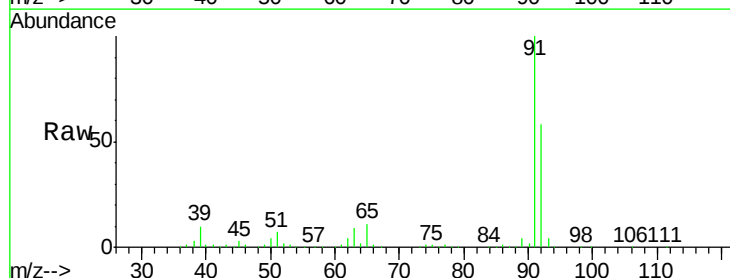
Acq: 10 Jan 2019 23:49

Tgt Ion: 92 Resp: 167612

Ion Ratio Lower Upper

92 100

91 173.0 137.0 205.4



Abundance Ion 92.00 (91.70 to 92.70): VW

Ion 91.00 (90.70 to 91.70): VW

150000

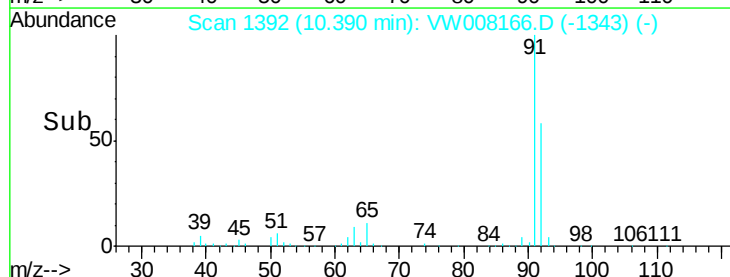
100000

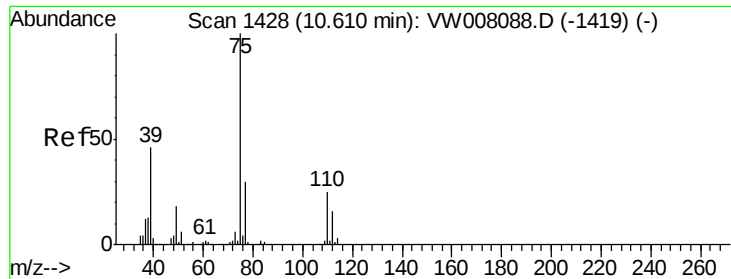
50000

0

Time-->

10.30 10.40





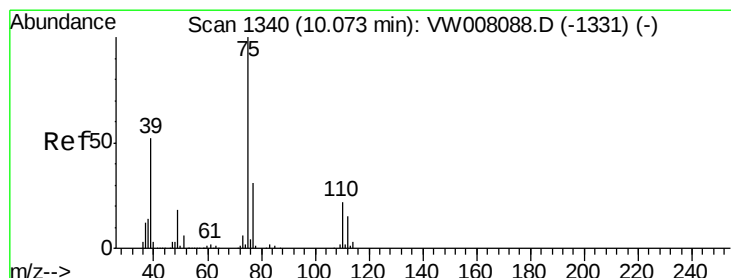
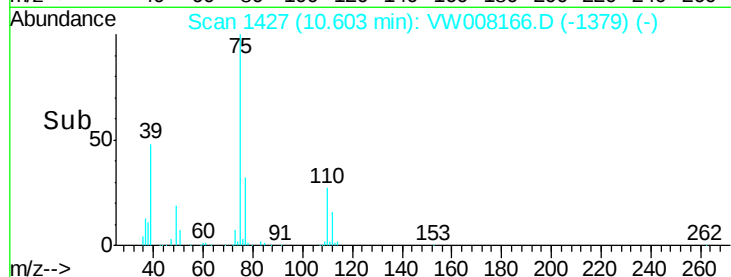
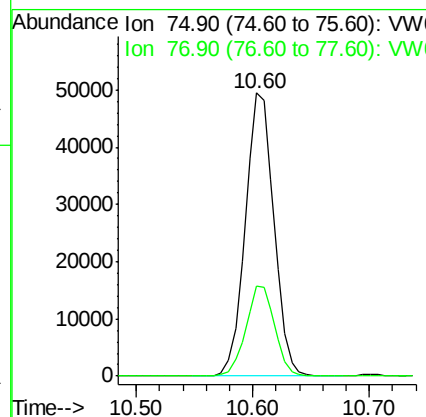
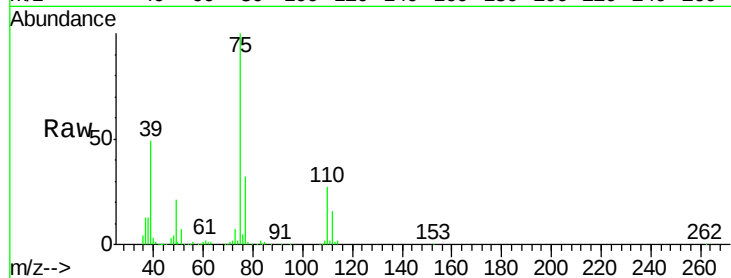
#53
t-1,3-Dichloropropene
Concen: 52.946 ug/l
RT: 10.60 min Scan# 1427
Delta R.T. -0.01 min
Lab File: VW008166.D
Acq: 10 Jan 2019 23:49

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion: 75 Resp: 85032
Ion Ratio Lower Upper
75 100
77 31.9 24.4 36.6

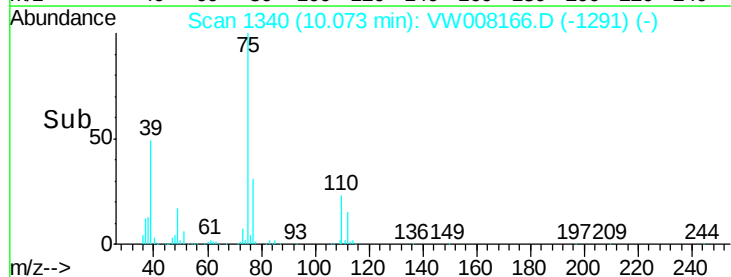
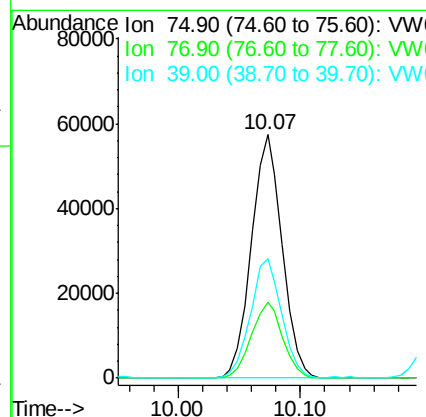
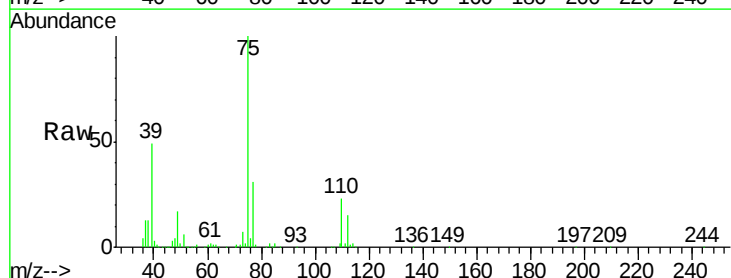
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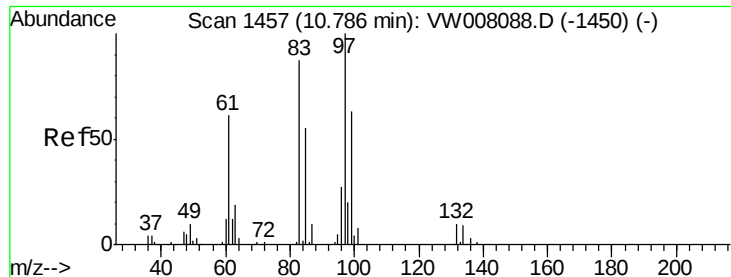
MMDadoda
1/11/2019 2:27:58 PM



#54
cis-1,3-Dichloropropene
Concen: 52.798 ug/l
RT: 10.07 min Scan# 1340
Delta R.T. -0.00 min
Lab File: VW008166.D
Acq: 10 Jan 2019 23:49

Tgt Ion: 75 Resp: 100550
Ion Ratio Lower Upper
75 100
77 31.2 25.2 37.8
39 48.6 41.4 62.0





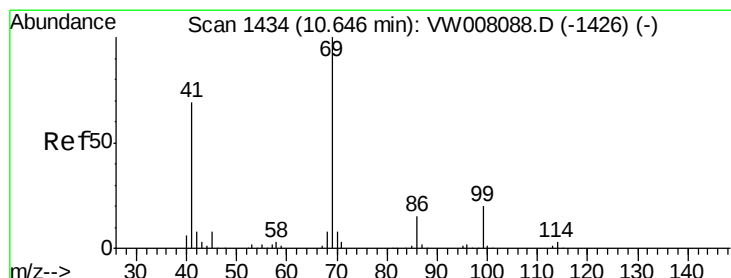
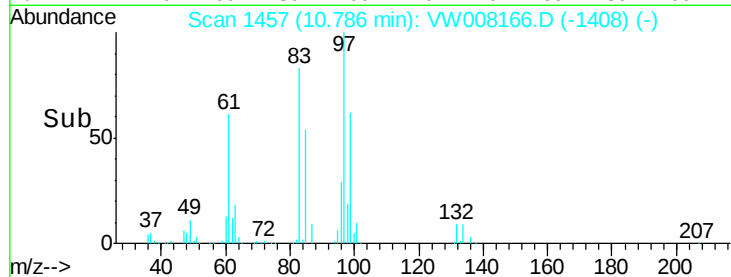
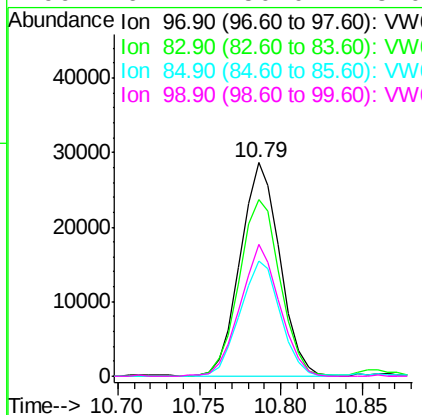
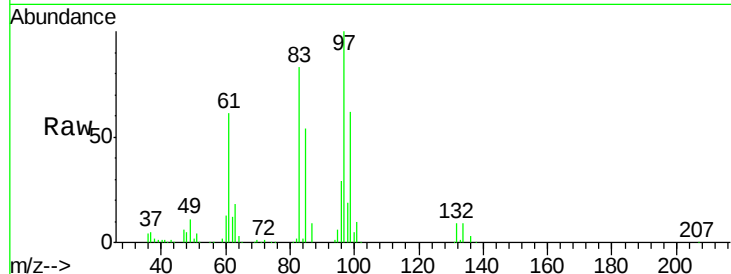
#55
 1,1,2-Trichloroethane
 Concen: 56.667 ug/l
 RT: 10.79 min Scan# 1457
 Delta R.T. -0.00 min
 Lab File: VW008166.D
 Acq: 10 Jan 2019 23:49

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tot Ion:	97	Resp:	48377
Ion	Ratio	Lower	Upper
97	100		
83	82.3	69.3	103.9
85	54.1	43.8	65.6
99	61.4	50.0	75.0

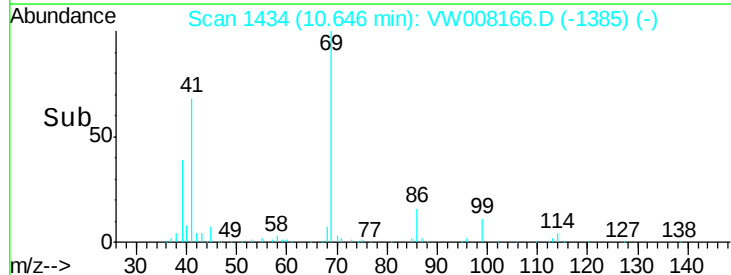
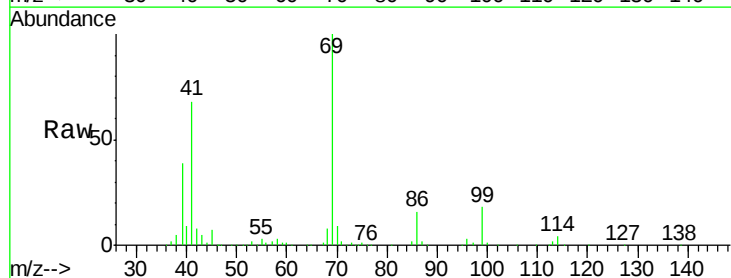
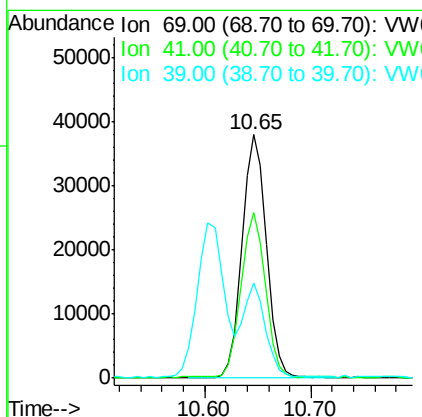
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#56
 Ethyl methacrylate
 Concen: 58.261 ug/l
 RT: 10.65 min Scan# 1434
 Delta R.T. -0.00 min
 Lab File: VW008166.D
 Acq: 10 Jan 2019 23:49

Tgt Ion:	69	Resp:	61596
Ion	Ratio	Lower	Upper
69	100		
41	68.5	56.4	84.6
39	34.4	28.1	42.1





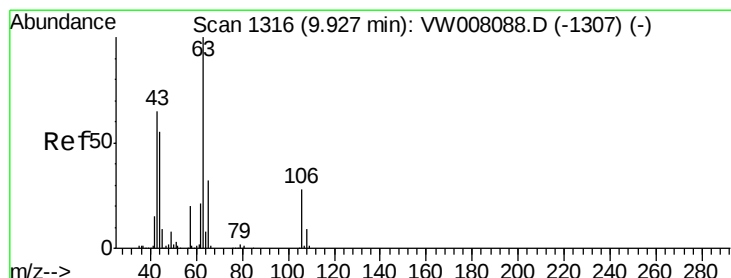
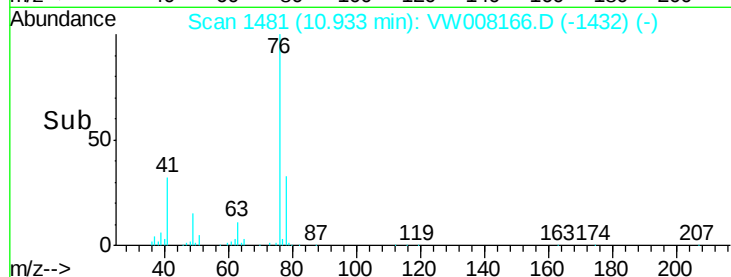
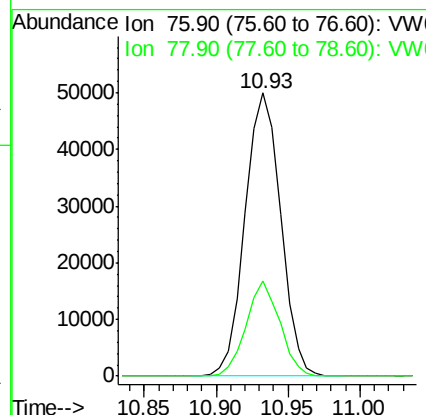
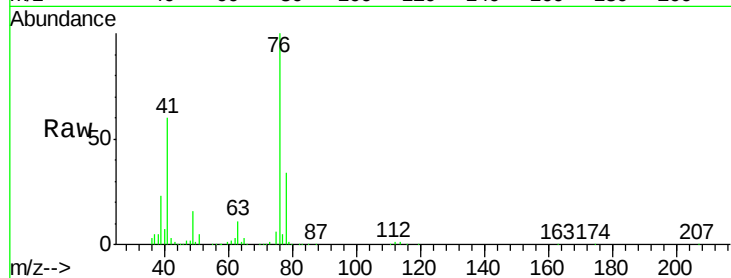
#57
 1,3-Dichloropropane
 Concen: 54.918 ug/l
 RT: 10.93 min Scan# 1481
 Delta R.T. -0.00 min
 Lab File: VW008166.D
 Acq: 10 Jan 2019 23:49

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tot Ion: 76 Resp: 85745
 Ion Ratio Lower Upper
 76 100
 78 31.8 25.7 38.5

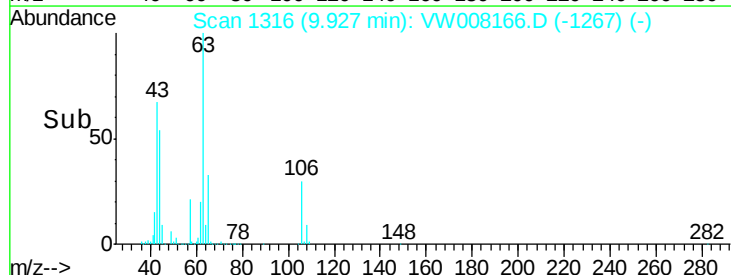
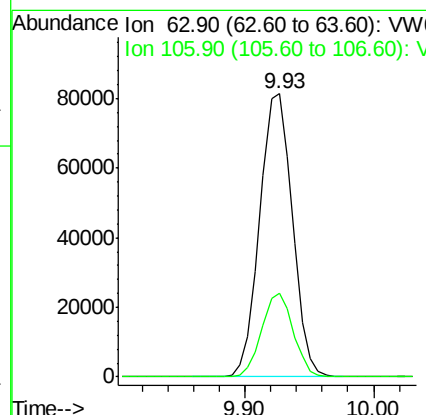
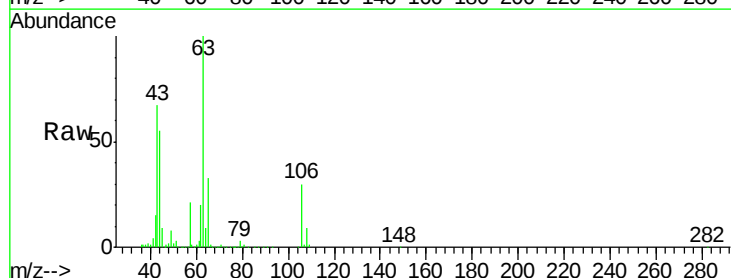
Manual Integrations
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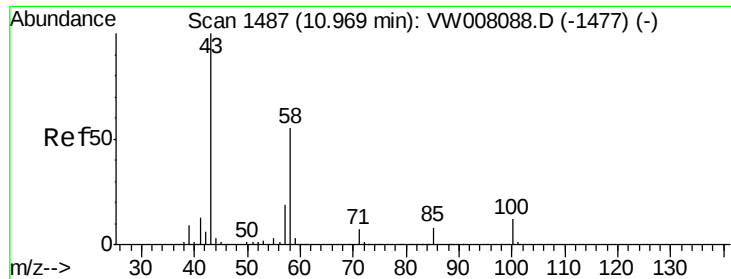
MMDadoda
 1/11/2019 2:27:58 PM



#58
 2-Chloroethyl Vinyl ether
 Concen: 261.310 ug/l
 RT: 9.93 min Scan# 1316
 Delta R.T. -0.00 min
 Lab File: VW008166.D
 Acq: 10 Jan 2019 23:49

Tgt Ion: 63 Resp: 142707
 Ion Ratio Lower Upper
 63 100
 106 28.5 21.8 32.6





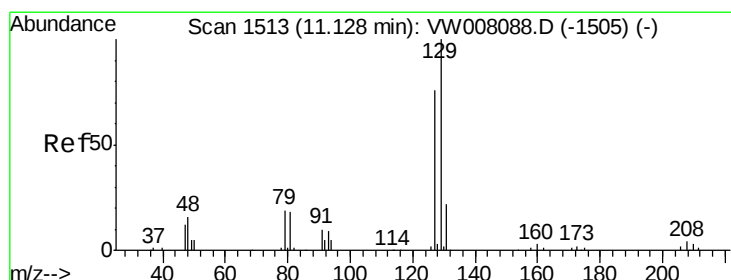
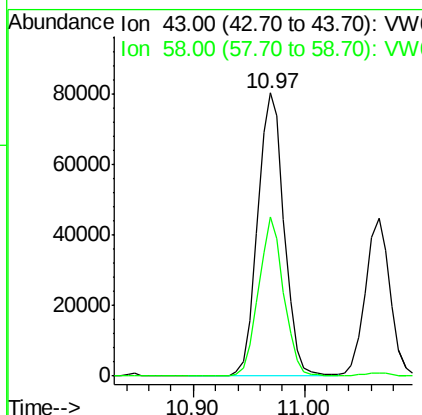
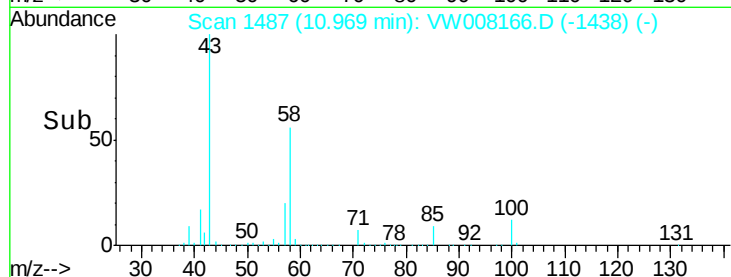
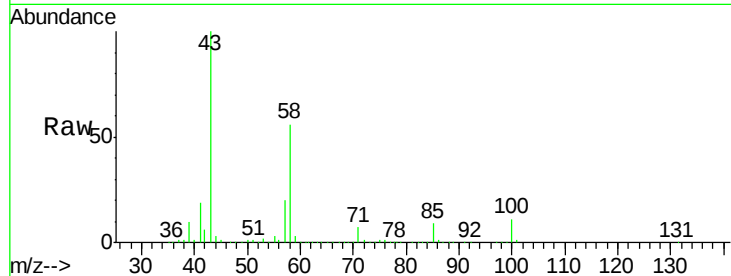
#59
2-Hexanone
Concen: 276.301 ug/l
RT: 10.97 min Scan# 1487
Delta R.T. -0.00 min
Lab File: VW008166.D
Acq: 10 Jan 2019 23:49

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion: 43 Resp: 133377
Ion Ratio Lower Upper
43 100
58 53.3 27.2 81.5

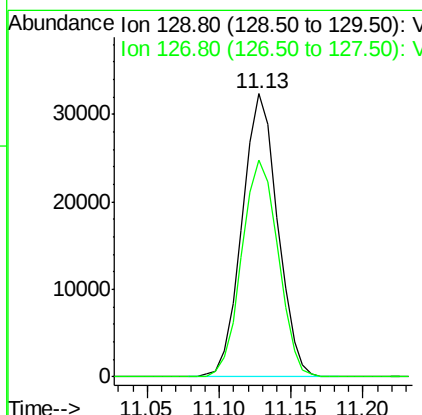
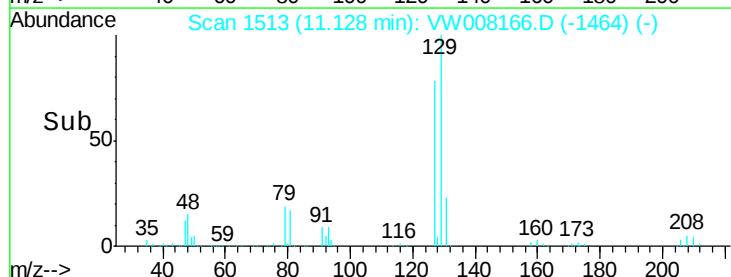
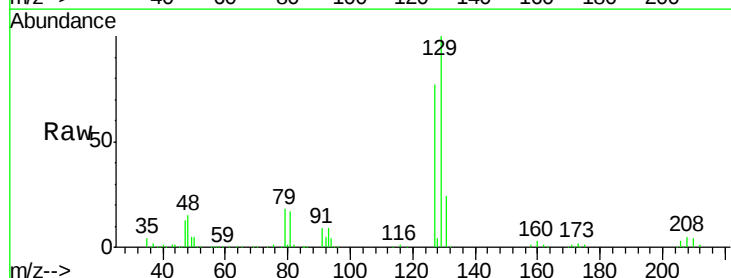
Manual Integrations
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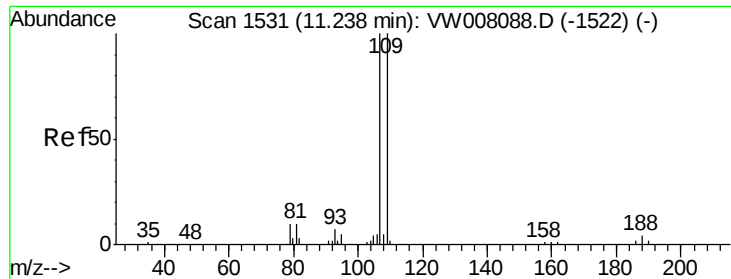
MMDadoda
1/11/2019 2:27:58 PM



#60
Dibromochloromethane
Concen: 58.996 ug/l
RT: 11.13 min Scan# 1513
Delta R.T. -0.00 min
Lab File: VW008166.D
Acq: 10 Jan 2019 23:49

Tgt Ion: 129 Resp: 55307
Ion Ratio Lower Upper
129 100
127 78.5 38.9 116.6





#61

1,2-Dibromoethane

Concen: 57.697 ug/l

RT: 11.23 min Scan# 1530

Delta R.T. -0.01 min

Lab File: VW008166.D

Acq: 10 Jan 2019 23:49

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tot Ion:107 Resp: 46738

Ion Ratio Lower Upper

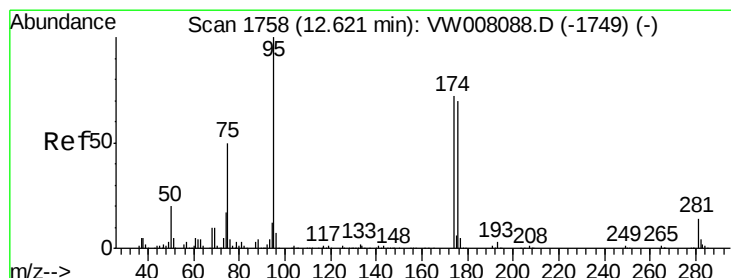
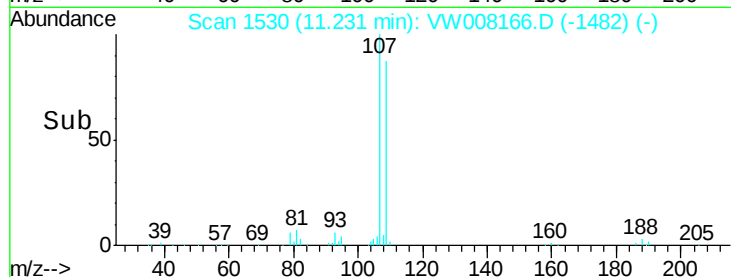
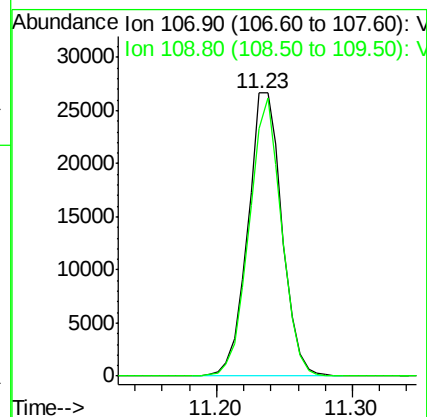
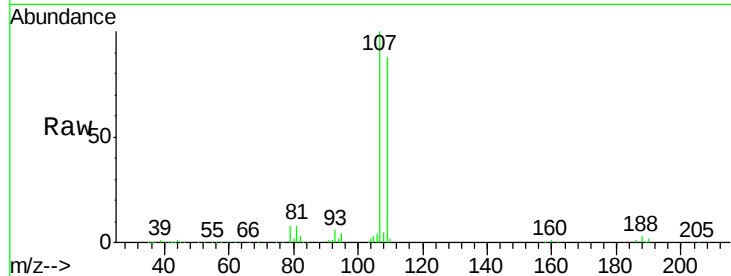
107 100

109 93.1 75.9 113.9

Manual Integrations
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#62

4-Bromofluorobenzene

Concen: 48.441 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.00 min

Lab File: VW008166.D

Acq: 10 Jan 2019 23:49

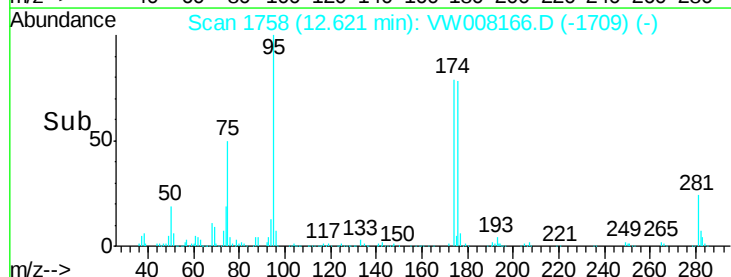
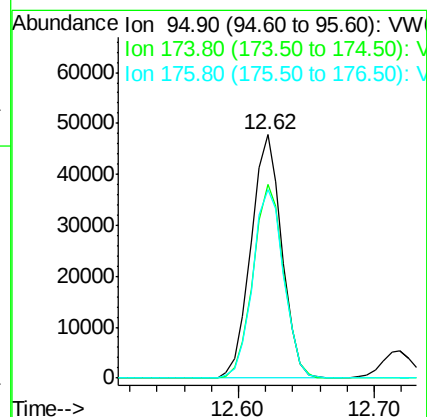
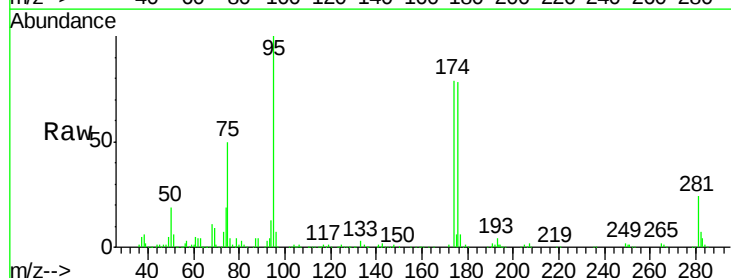
Tgt Ion: 95 Resp: 75963

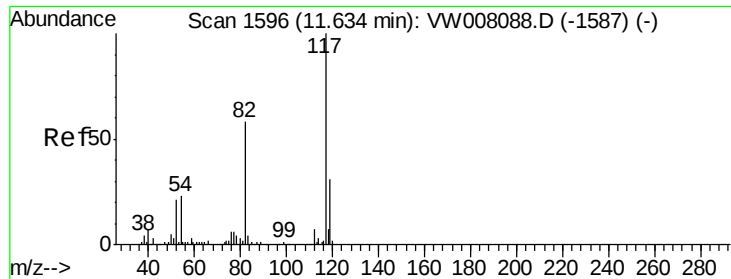
Ion Ratio Lower Upper

95 100

174 79.0 0.0 143.0

176 78.3 0.0 140.2





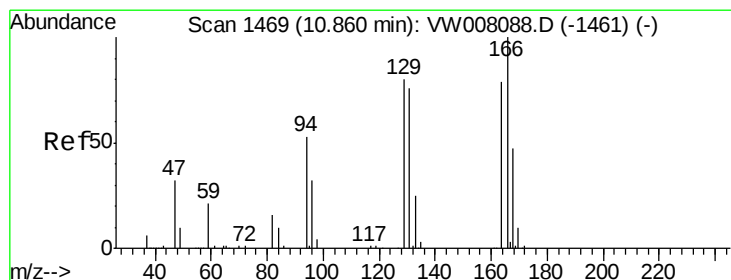
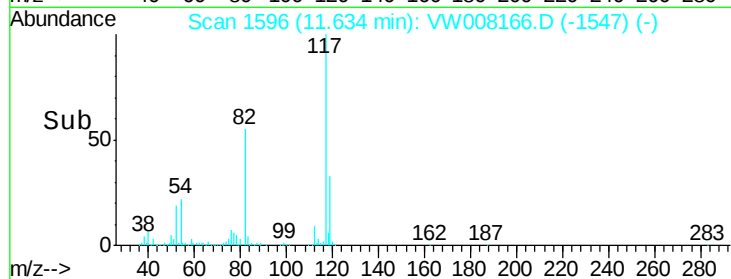
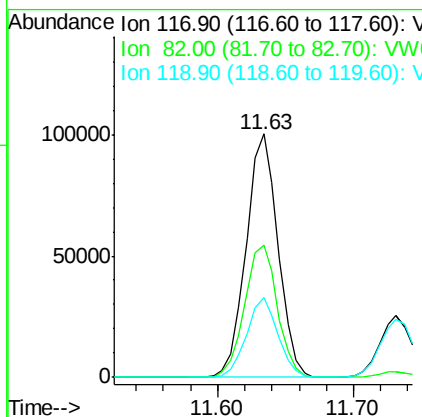
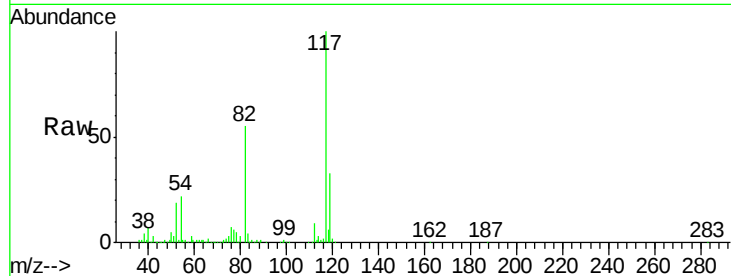
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW008166.D
Acq: 10 Jan 2019 23:49

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
117	100	164835		
82	54.6	46.4	69.6	
119	32.5	24.7	37.1	

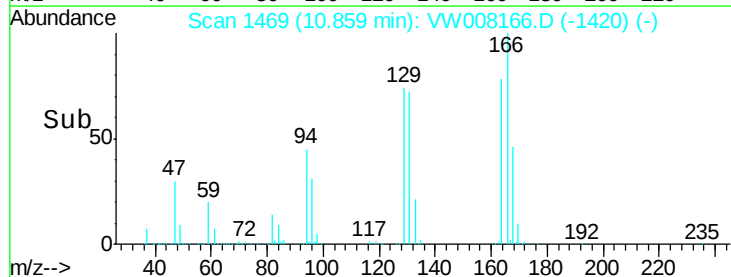
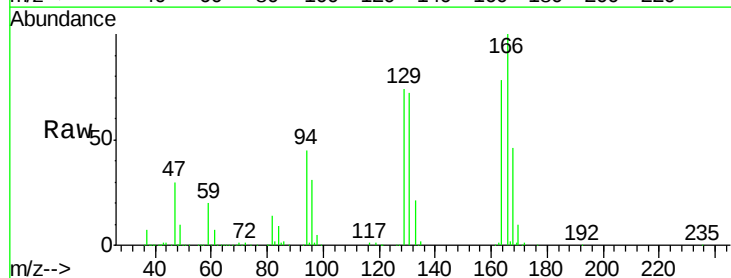
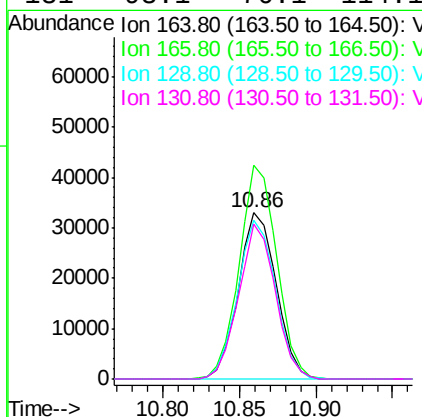
Manual Integrations
APPROVED

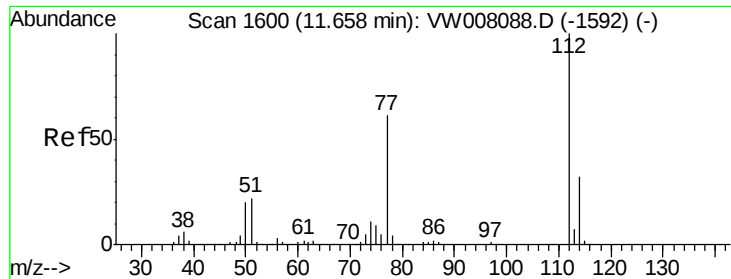
MMDadoda
1/11/2019 2:27:58 PM



#64
Tetrachloroethene
Concen: 52.961 ug/l
RT: 10.86 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VW008166.D
Acq: 10 Jan 2019 23:49

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	56813		
166	128.6	100.7	151.1	
129	95.7	81.0	121.4	
131	93.1	76.1	114.1	





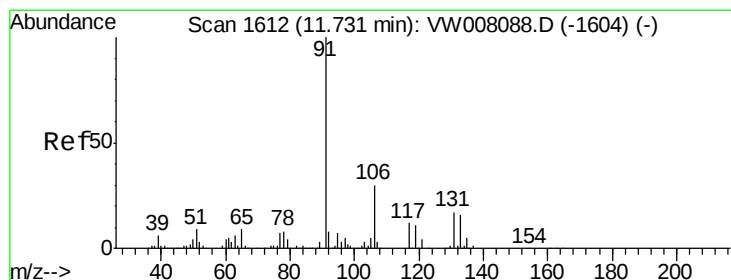
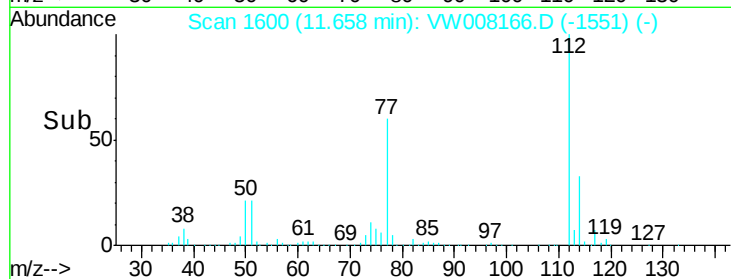
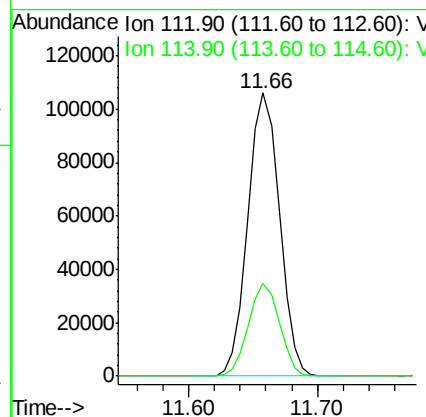
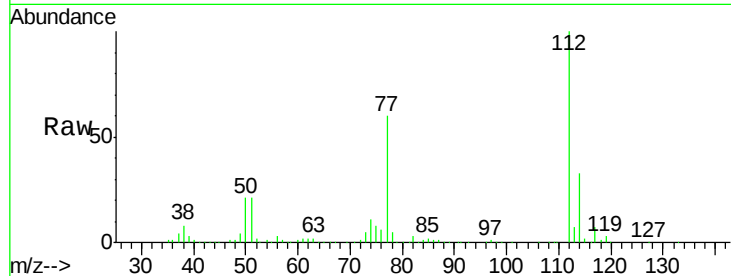
#65
Chlorobenzene
Concen: 51.596 ug/l
RT: 11.66 min Scan# 1600
Delta R.T. -0.00 min
Lab File: VW008166.D
Acq: 10 Jan 2019 23:49

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion:112 Resp: 180180
Ion Ratio Lower Upper
112 100
114 32.6 25.6 38.4

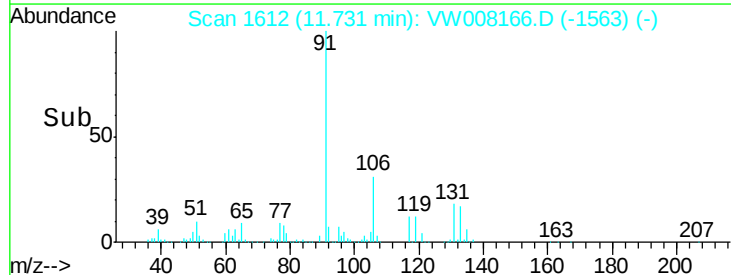
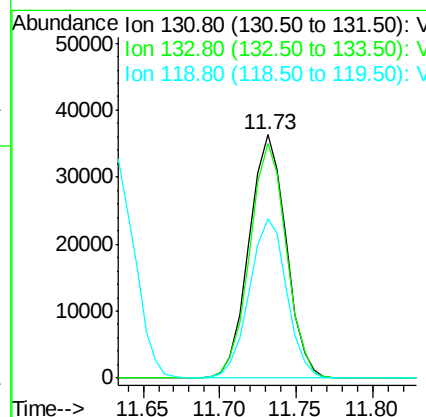
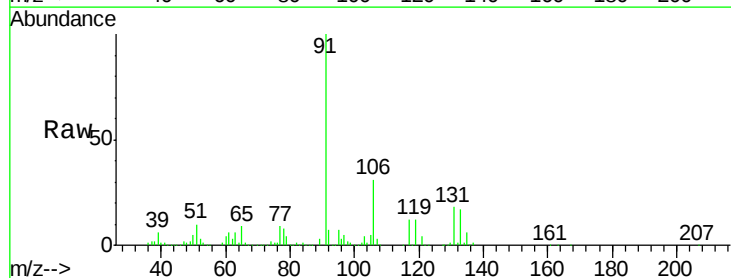
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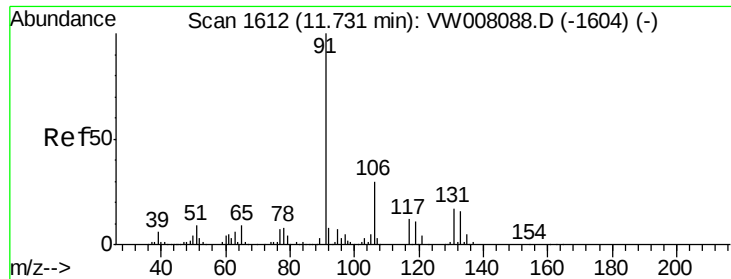
MMDadoda
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#66
1,1,1,2-Tetrachloroethane
Concen: 54.142 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. -0.00 min
Lab File: VW008166.D
Acq: 10 Jan 2019 23:49

Tgt Ion:131 Resp: 61496
Ion Ratio Lower Upper
131 100
133 94.8 47.9 143.7
119 65.7 32.5 97.4





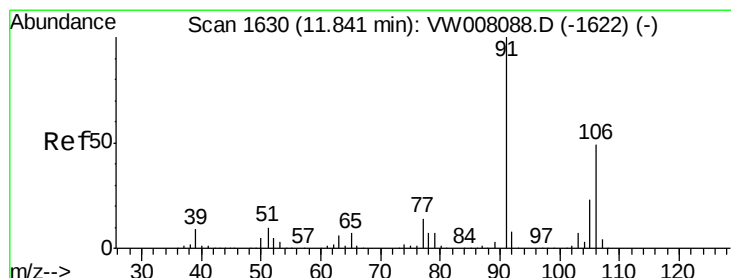
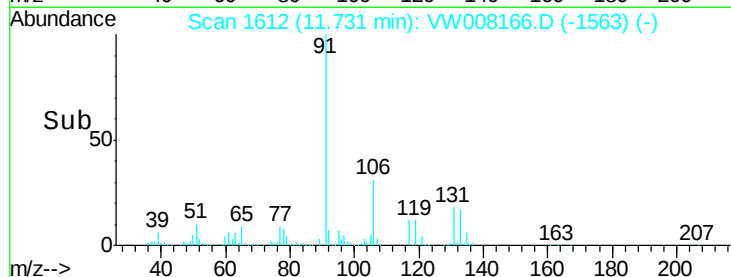
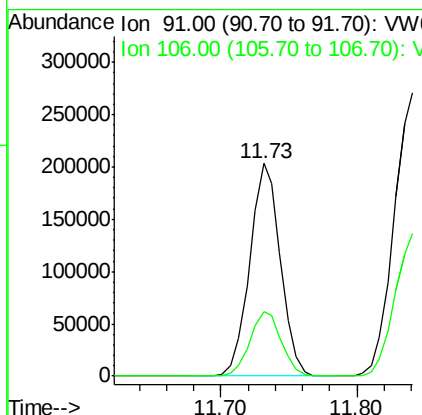
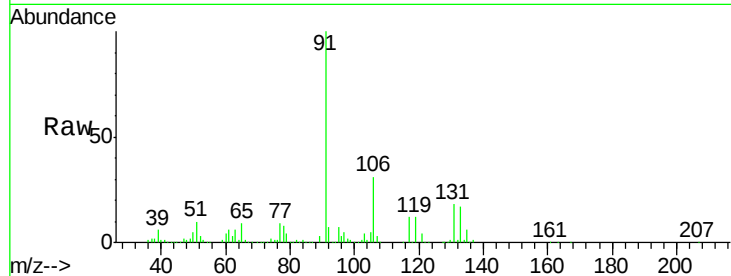
#67
Ethyl Benzene
Concen: 50.142 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. -0.00 min
Lab File: VW008166.D
Acq: 10 Jan 2019 23:49

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion: 91 Resp: 320393
Ion Ratio Lower Upper
91 100
106 30.6 24.2 36.4

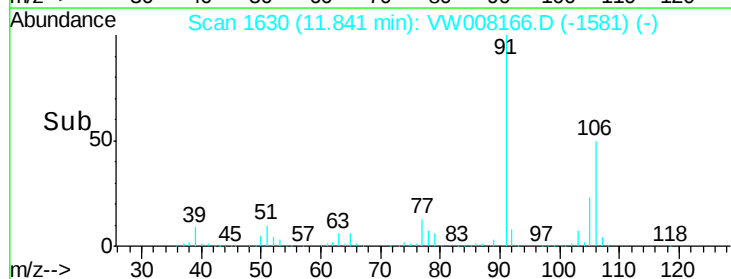
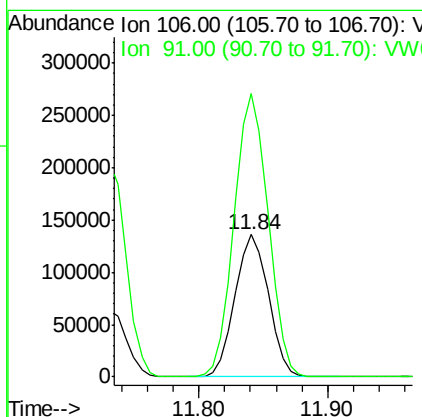
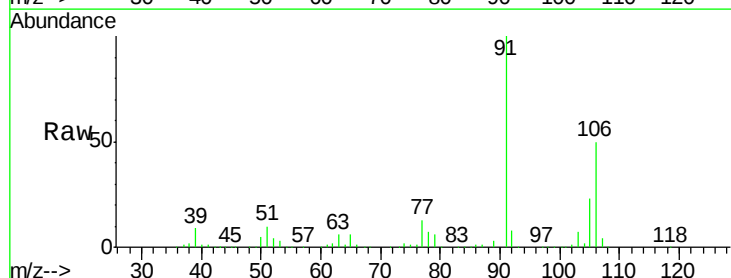
Manual Integrations
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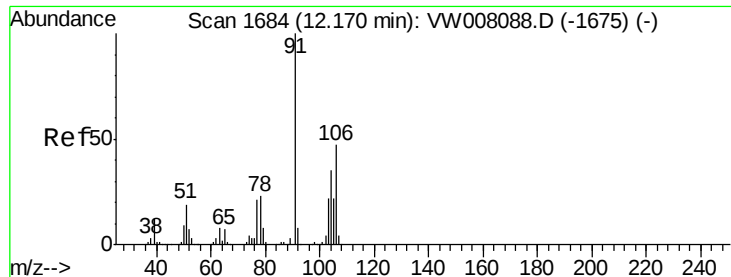
MMDadoda
1/11/2019 2:27:58 PM



#68
m/p-Xylenes
Concen: 101.086 ug/l
RT: 11.84 min Scan# 1630
Delta R.T. -0.00 min
Lab File: VW008166.D
Acq: 10 Jan 2019 23:49

Tgt Ion: 106 Resp: 246534
Ion Ratio Lower Upper
106 100
91 201.1 162.4 243.6





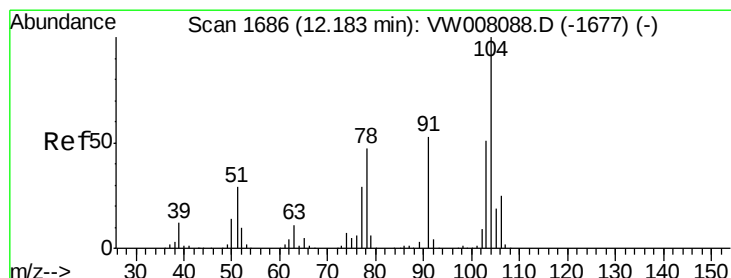
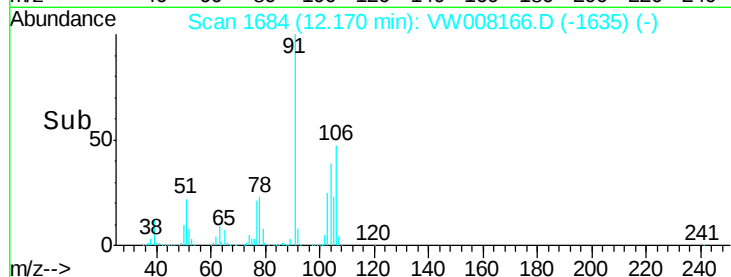
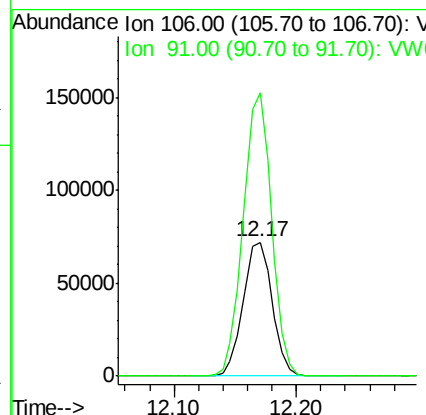
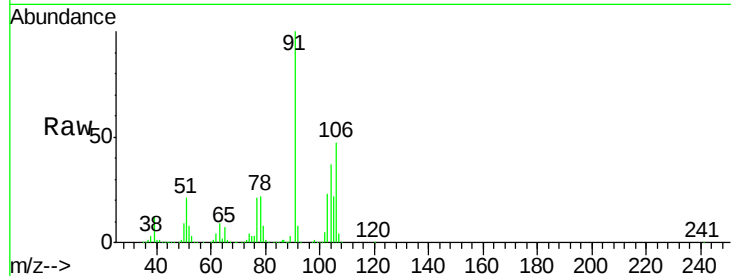
#69
o-Xylene
Concen: 52.728 ug/l
RT: 12.17 min Scan# 1684
Delta R.T. -0.00 min
Lab File: VW008166.D
Acq: 10 Jan 2019 23:49

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
106	100		
91	206.4	107.8	323.6

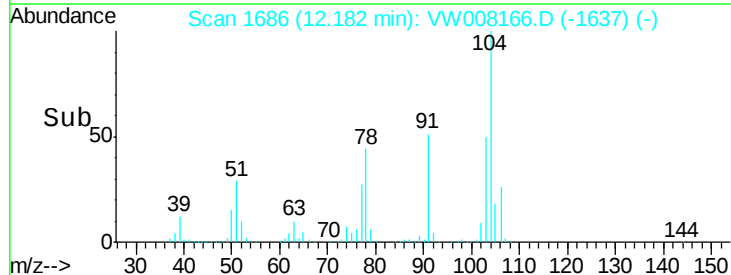
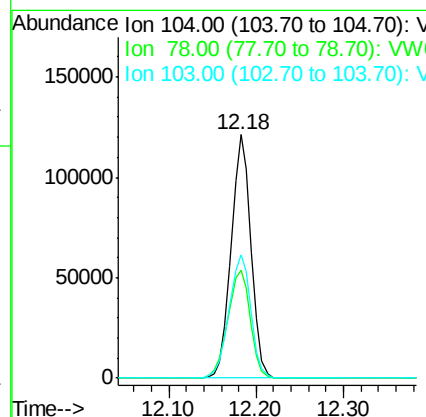
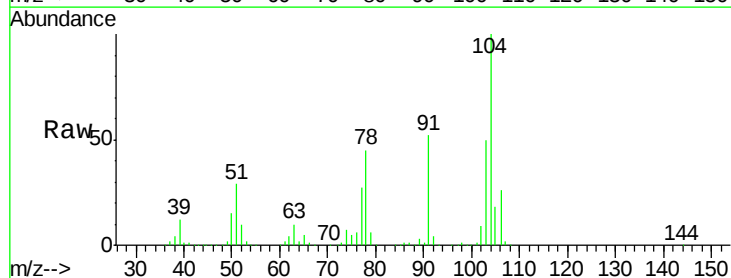
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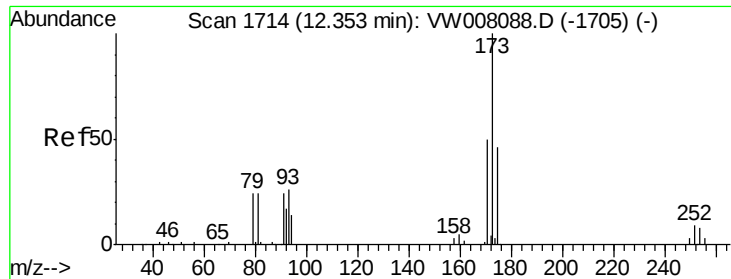
MMDadoda
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#70
Styrene
Concen: 53.910 ug/l
RT: 12.18 min Scan# 1686
Delta R.T. -0.00 min
Lab File: VW008166.D
Acq: 10 Jan 2019 23:49

Tgt Ion	Ratio	Lower	Upper
104	100		
78	50.2	41.8	62.8
103	55.4	43.8	65.8





#71

Bromoform

Concen: 59.322 ug/l

RT: 12.35 min Scan# 1713

Delta R.T. -0.01 min

Lab File: VW008166.D

Acq: 10 Jan 2019 23:49

Instrument :

MSVOA_W

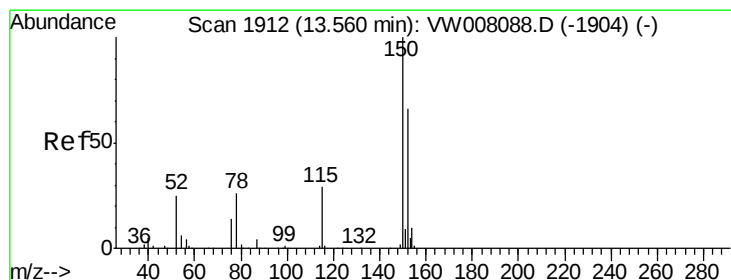
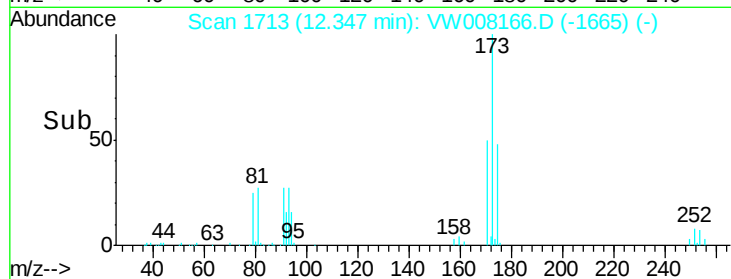
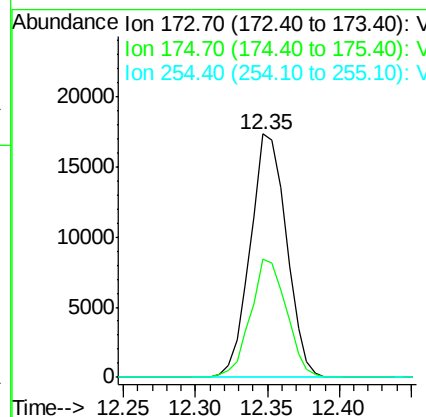
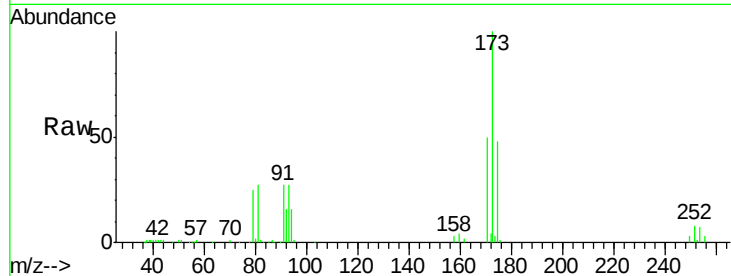
ClientSampleId :

VSTDCCC050

Tot Ion:	173	Resp:	30156
Ion Ratio	Lower	Upper	
173	100		
175	48.2	23.3	69.8
254	0.0	0.0	0.0

Manual Integrations
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#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

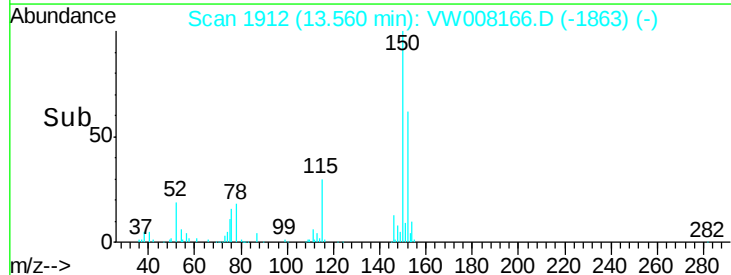
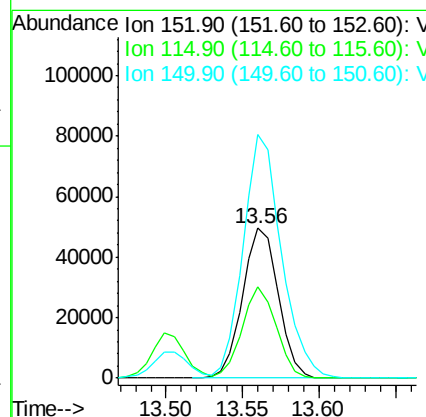
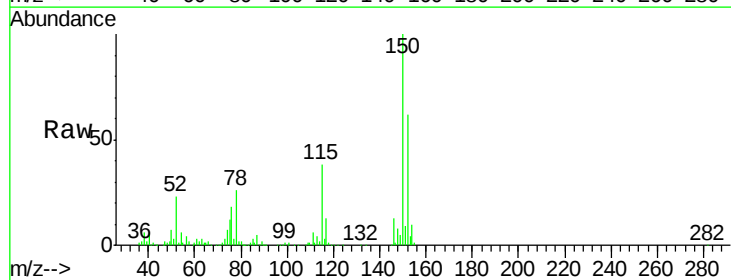
RT: 13.56 min Scan# 1912

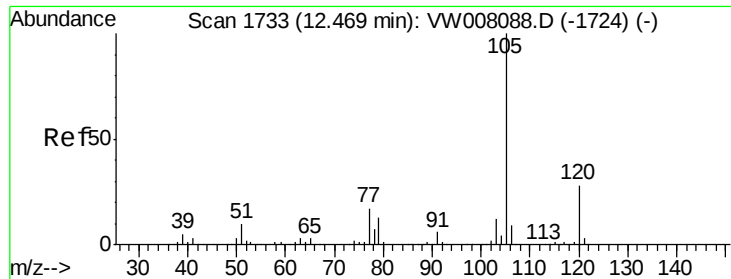
Delta R.T. -0.00 min

Lab File: VW008166.D

Acq: 10 Jan 2019 23:49

Tgt Ion:	152	Resp:	80294
Ion Ratio	Lower	Upper	
152	100		
115	58.4	30.8	92.4
150	173.7	0.0	350.2





#73

Isopropylbenzene

Concen: 49.677 ug/l

RT: 12.47 min Scan# 1733

Delta R.T. -0.00 min

Lab File: VW008166.D

Acq: 10 Jan 2019 23:49

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tot Ion: 105 Resp: 313154

Ion Ratio Lower Upper

105 100

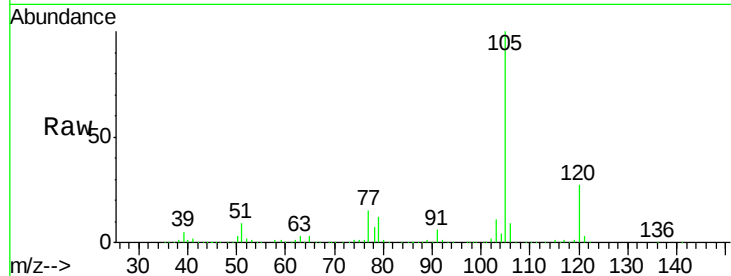
120 26.9 13.6 40.8

Manual Integrations

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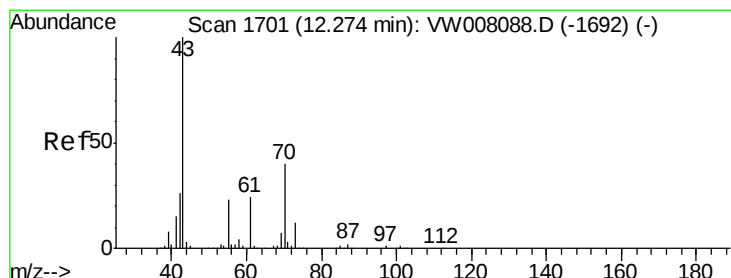
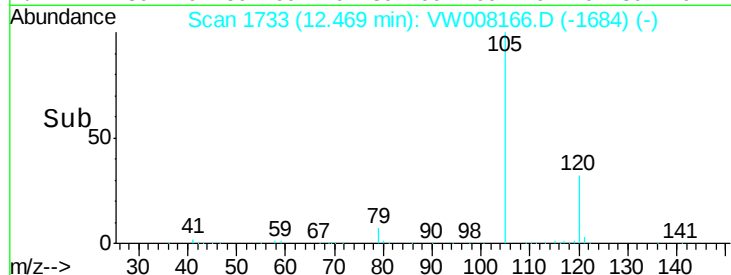
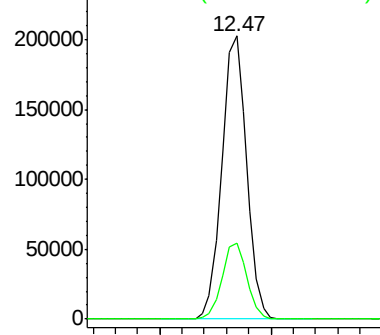
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 53.083 ug/l

RT: 12.27 min Scan# 1701

Delta R.T. -0.00 min

Lab File: VW008166.D

Acq: 10 Jan 2019 23:49

Tgt Ion: 43 Resp: 74105

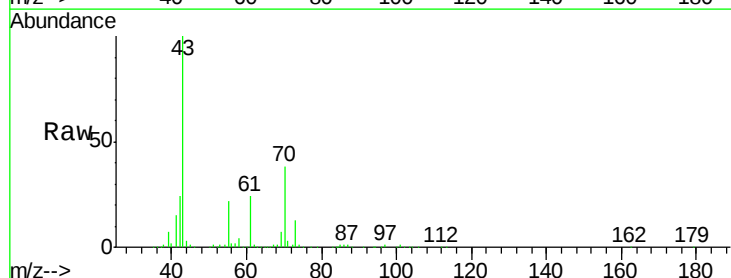
Ion Ratio Lower Upper

43 100

70 41.0 32.4 48.6

55 23.3 18.7 28.1

61 23.7 19.0 28.6

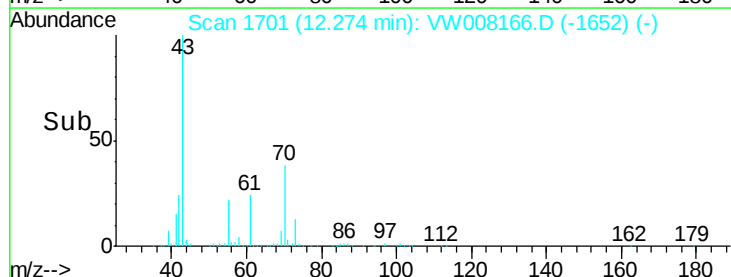
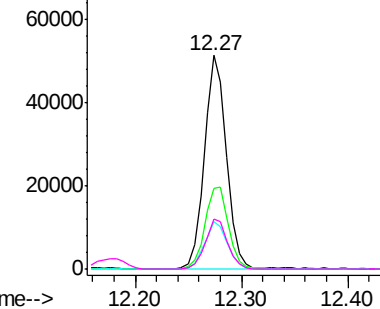


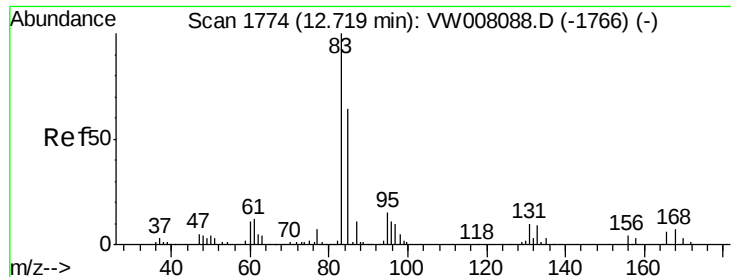
Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 70.00 (69.70 to 70.70): VW

Ion 55.00 (54.70 to 55.70): VW

Ion 61.00 (60.70 to 61.70): VW





#75

1,1,2,2-Tetrachloroethane

Concen: 54.440 ug/l

RT: 12.72 min Scan# 1774

Delta R.T. -0.00 min

Lab File: VW008166.D

Acq: 10 Jan 2019 23:49

Instrument :

MSVOA_W

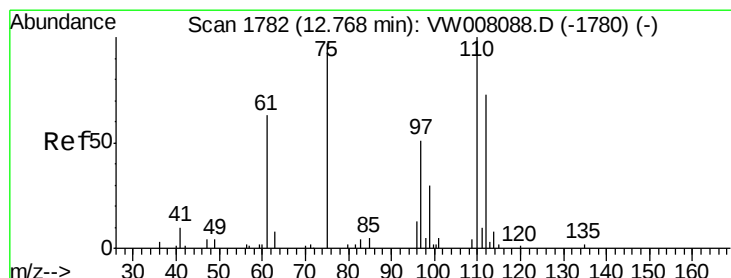
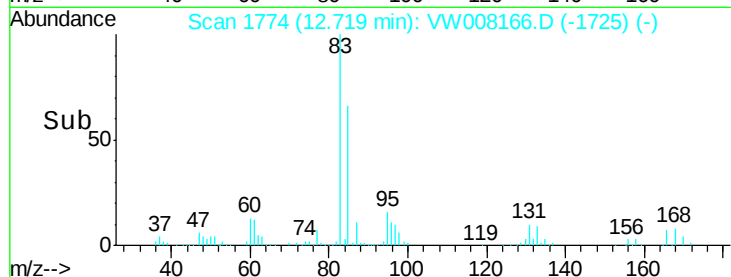
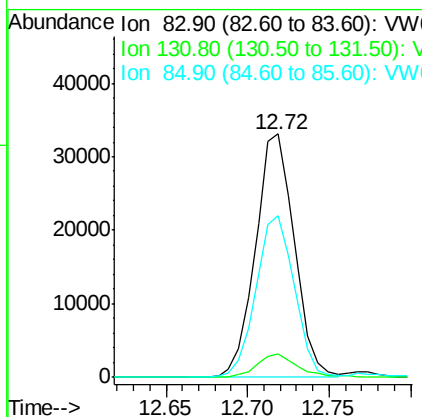
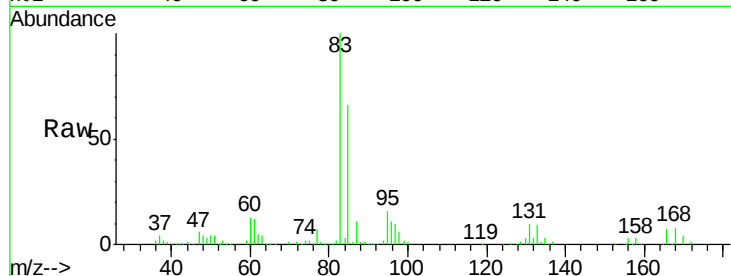
ClientSampleId :

VSTDCCC050

Tot Ion:	83	Resp:	54931
Ion Ratio	Lower	Upper	
83	100		
131	10.2	5.3	16.1
85	65.6	32.4	97.2

Manual Integrations
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#76

1,2,3-Trichloropropane

Concen: 53.964 ug/l m

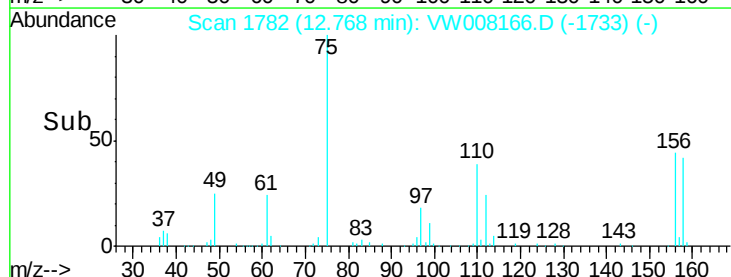
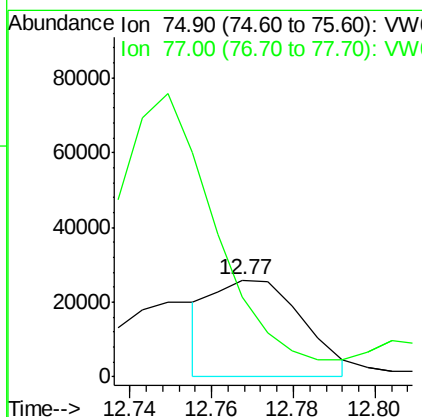
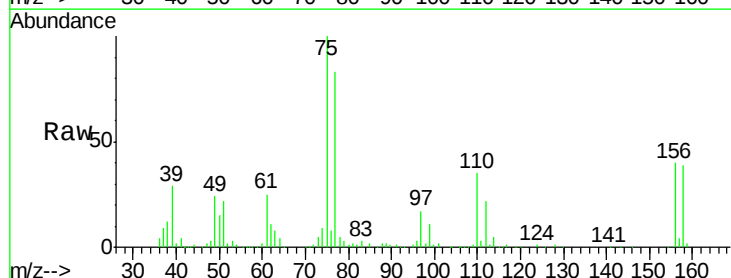
RT: 12.77 min Scan# 1782

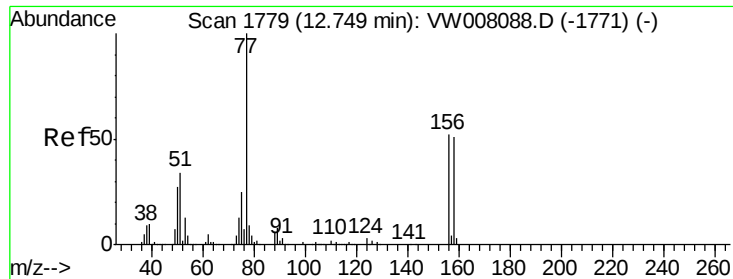
Delta R.T. -0.00 min

Lab File: VW008166.D

Acq: 10 Jan 2019 23:49

Tgt Ion:	75	Resp:	39500
Ion Ratio	Lower	Upper	
75	100		
77	341.9	179.4	538.2





#77

Bromobenzene

Concen: 53.092 ug/l

RT: 12.75 min Scan# 1779

Delta R.T. -0.00 min

Lab File: VW008166.D

Acq: 10 Jan 2019 23:49

Instrument :

MSVOA_W

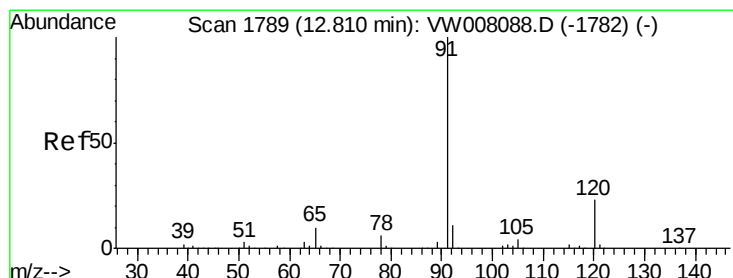
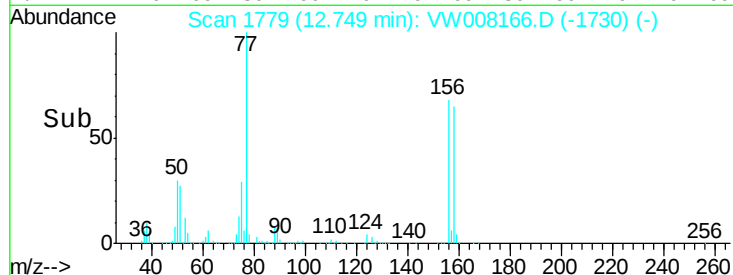
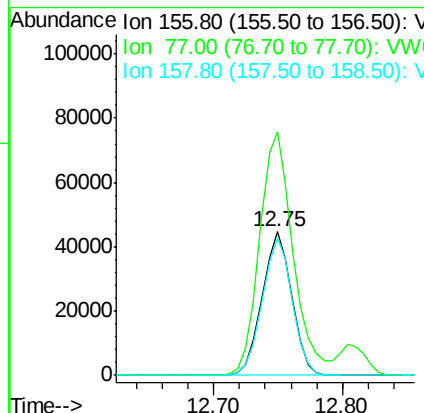
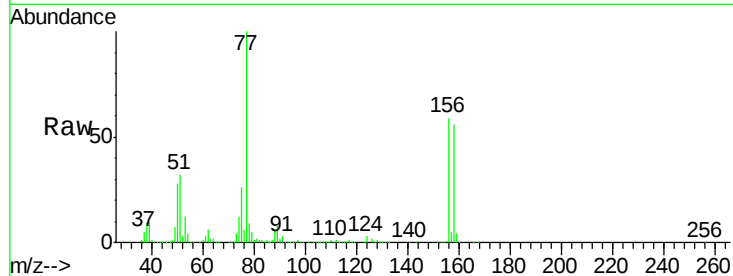
ClientSampleId :

VSTDCCC050

Tot Ion	Ratio	Lower	Upper
156	100		
77	191.0	104.2	312.5
158	96.6	47.9	143.6

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#78

n-propylbenzene

Concen: 49.134 ug/l

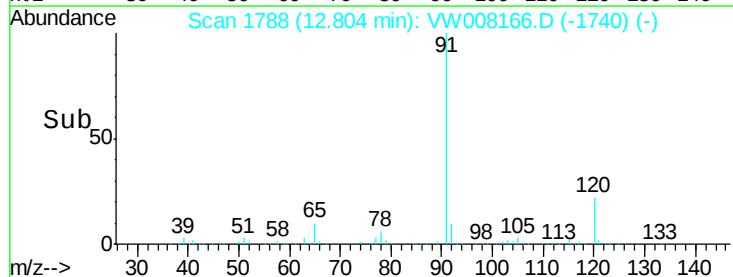
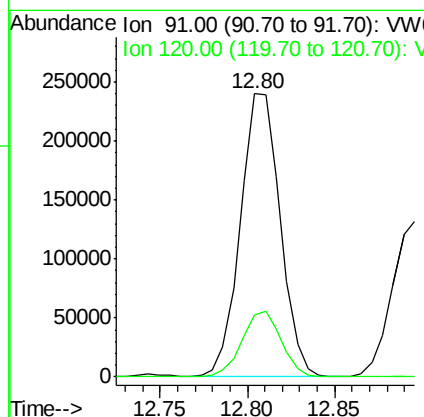
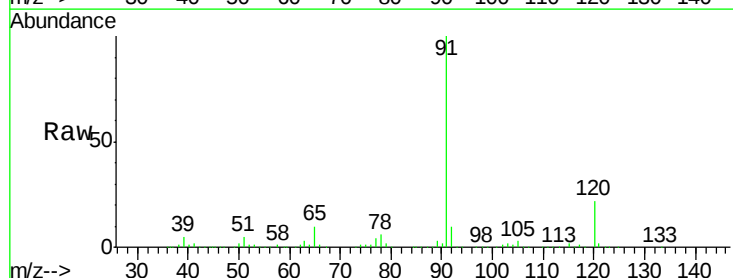
RT: 12.80 min Scan# 1788

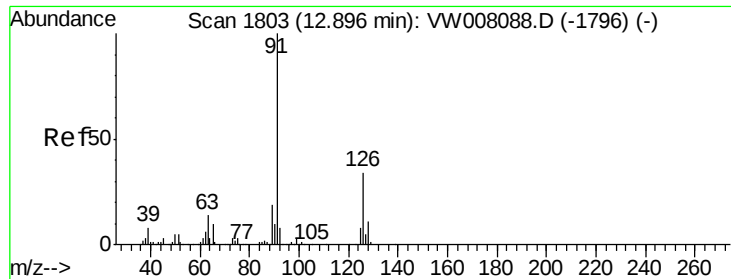
Delta R.T. -0.01 min

Lab File: VW008166.D

Acq: 10 Jan 2019 23:49

Tgt Ion	Ratio	Lower	Upper
91	100		
120	22.8	11.3	33.8





#79

2-Chlorotoluene

Concen: 49.435 ug/l

RT: 12.90 min Scan# 1803

Delta R.T. -0.00 min

Lab File: VW008166.D

Acq: 10 Jan 2019 23:49

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tot Ion: 91 Resp: 213026

Ion Ratio Lower Upper

91 100

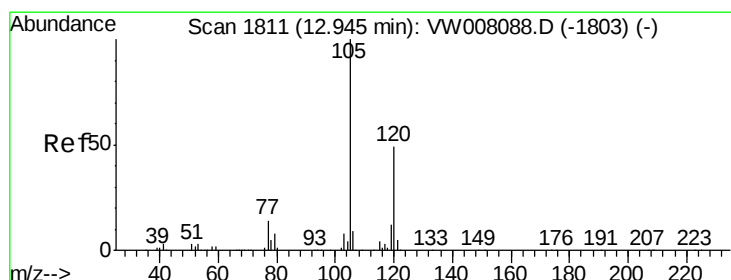
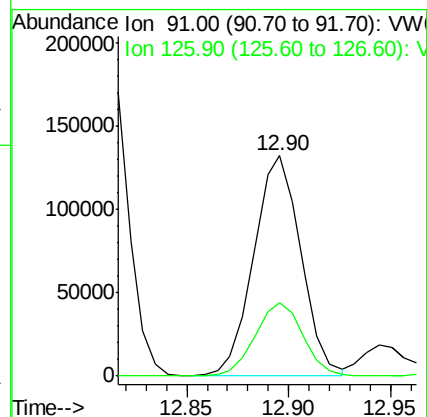
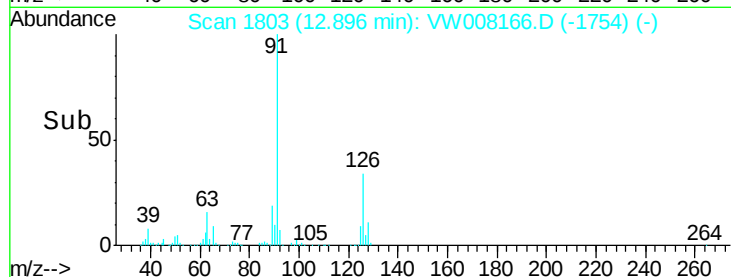
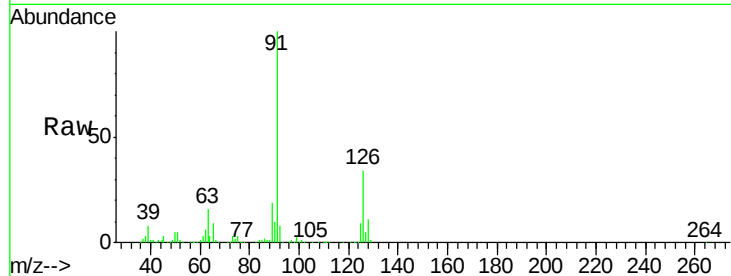
126 33.8 16.8 50.3

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#80

1,3,5-Trimethylbenzene

Concen: 50.253 ug/l

RT: 12.94 min Scan# 1811

Delta R.T. -0.00 min

Lab File: VW008166.D

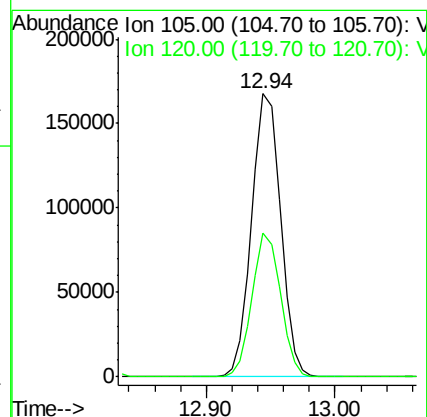
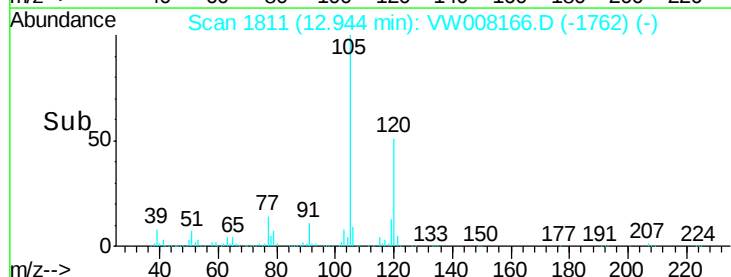
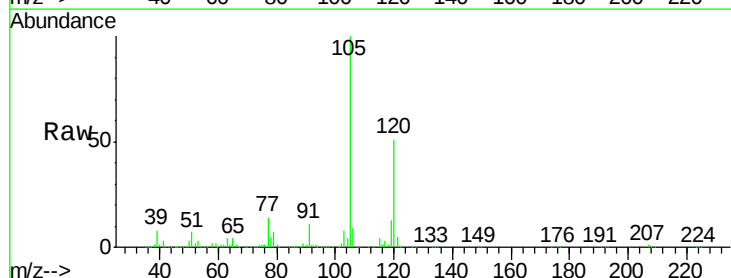
Acq: 10 Jan 2019 23:49

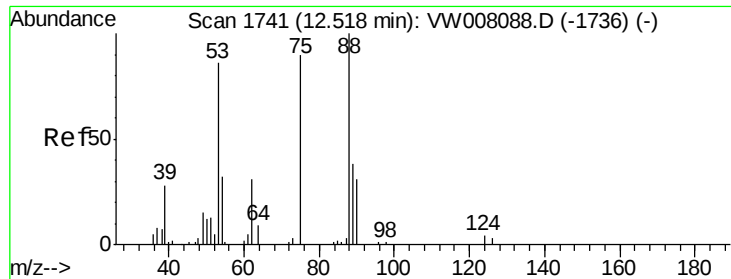
Tgt Ion: 105 Resp: 260324

Ion Ratio Lower Upper

105 100

120 50.0 24.7 74.1





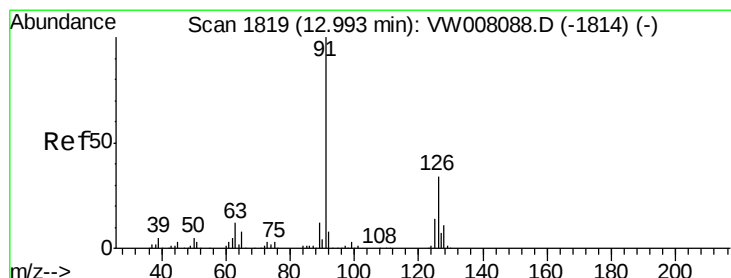
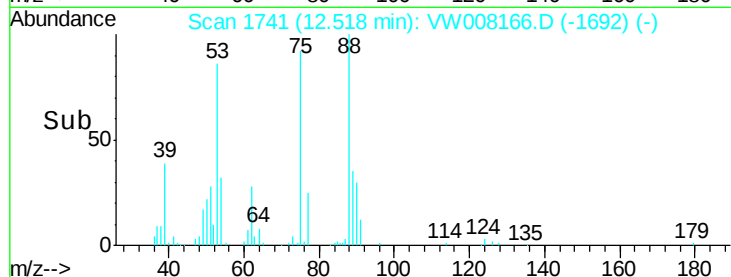
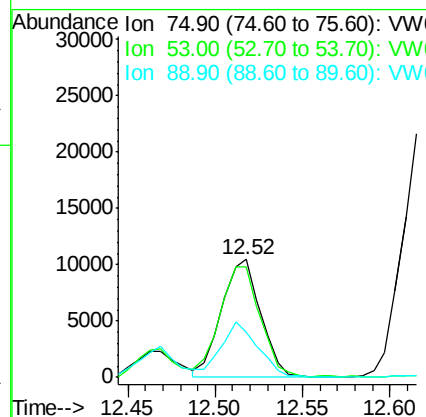
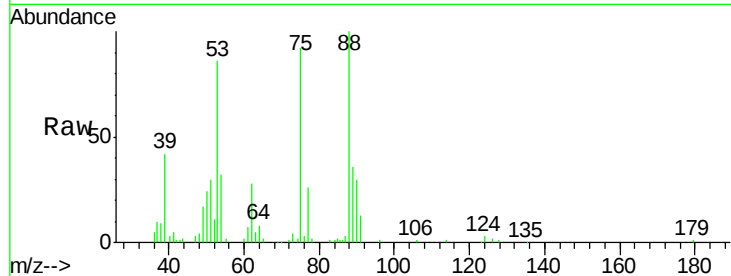
#81
trans-1,4-Dichloro-2-butene
Concen: 52.039 ug/l
RT: 12.52 min Scan# 1741
Delta R.T. -0.00 min
Lab File: VW008166.D
Acq: 10 Jan 2019 23:49

Instrument :
MSVOA_W
ClientSampled :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
75	100		
53	95.8	78.8	118.2
89	44.2	35.4	53.2

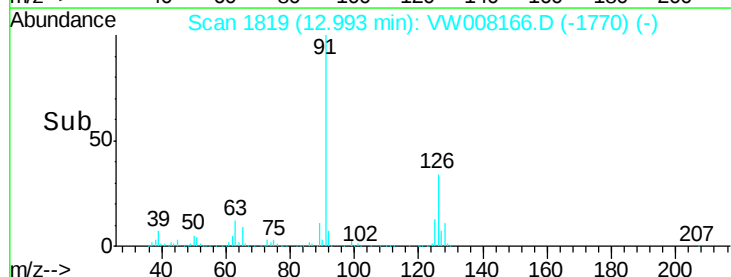
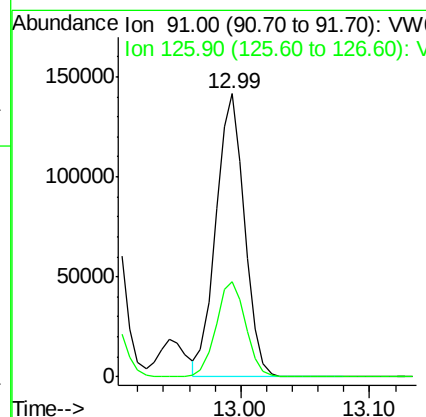
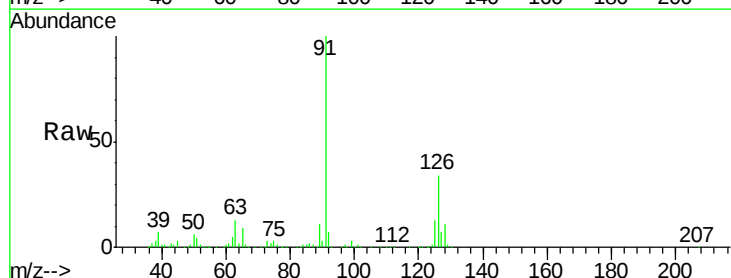
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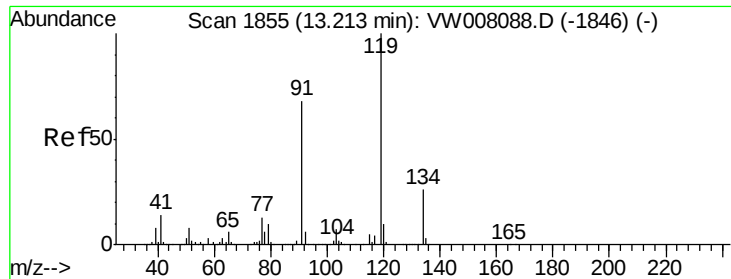
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#82
4-Chlorotoluene
Concen: 48.534 ug/l
RT: 12.99 min Scan# 1819
Delta R.T. -0.00 min
Lab File: VW008166.D
Acq: 10 Jan 2019 23:49

Tgt Ion	Ratio	Lower	Upper
91	100		
126	34.8	16.5	49.5





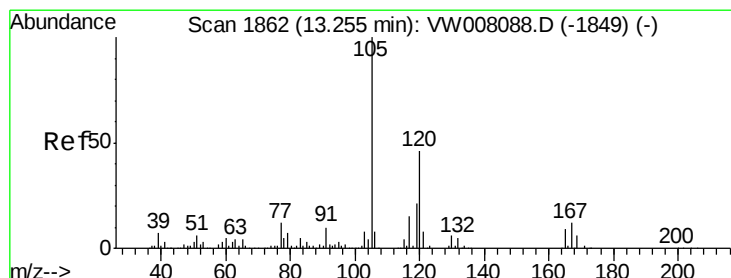
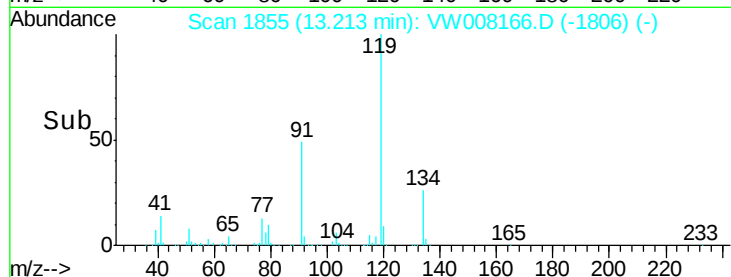
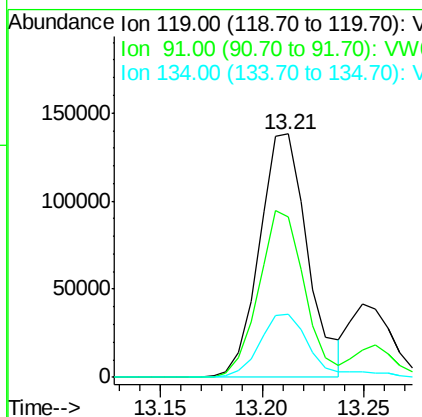
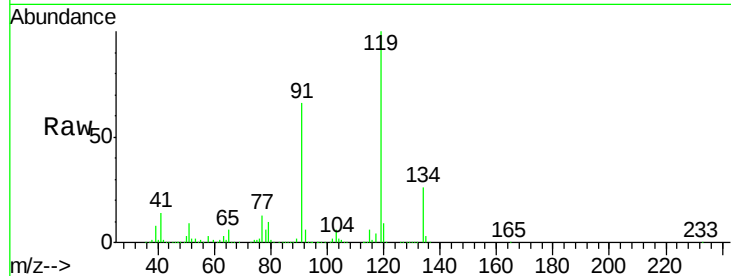
#83
tert-Butylbenzene
Concen: 49.756 ug/l
RT: 13.21 min Scan# 1855
Delta R.T. -0.00 min
Lab File: VW008166.D
Acq: 10 Jan 2019 23:49

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
119	100		
91	64.8	33.9	101.6
134	27.7	13.6	40.8

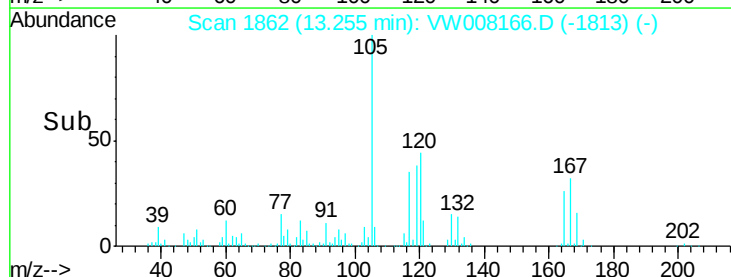
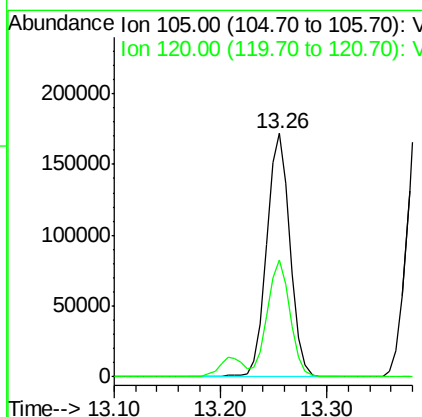
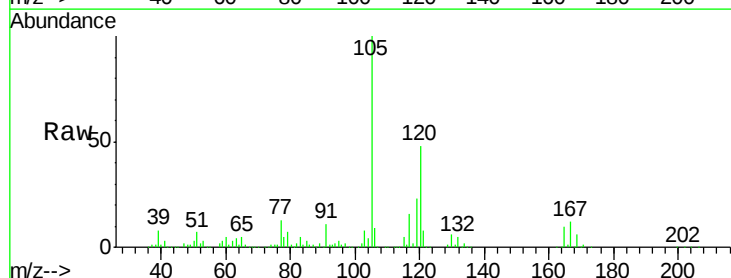
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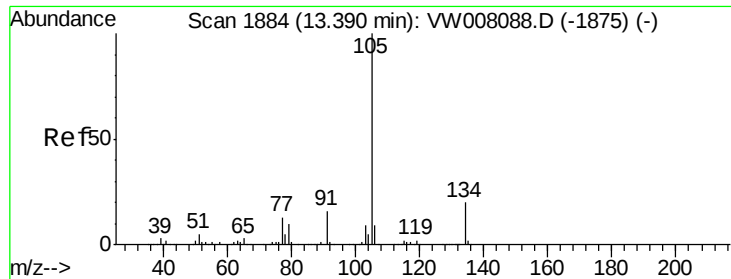
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#84
1,2,4-Trimethylbenzene
Concen: 49.206 ug/l
RT: 13.26 min Scan# 1862
Delta R.T. -0.00 min
Lab File: VW008166.D
Acq: 10 Jan 2019 23:49

Tgt Ion	Ratio	Lower	Upper
105	100		
120	47.2	22.7	68.1





#85

sec-Butylbenzene

Concen: 48.885 ug/l

RT: 13.39 min Scan# 1884

Delta R.T. -0.00 min

Lab File: VW008166.D

Acq: 10 Jan 2019 23:49

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tot Ion:105 Resp: 328180

Ion Ratio Lower Upper

105 100

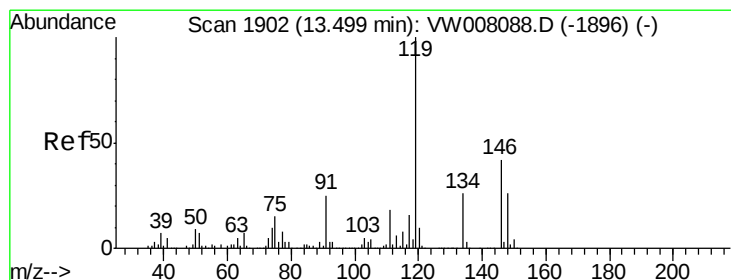
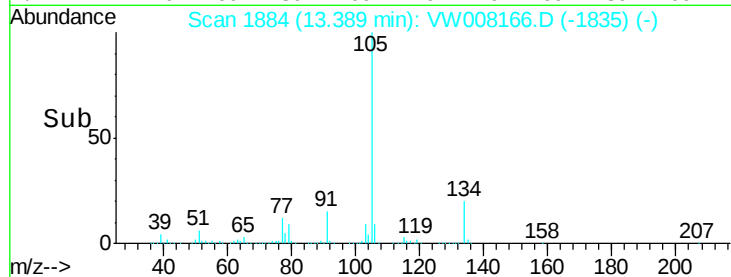
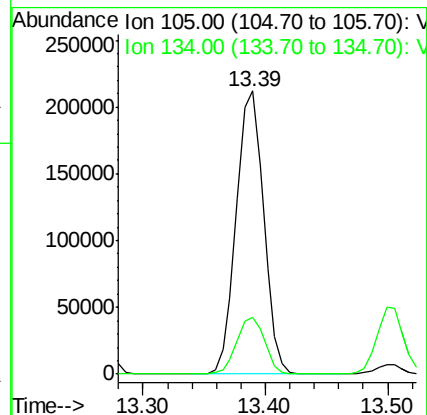
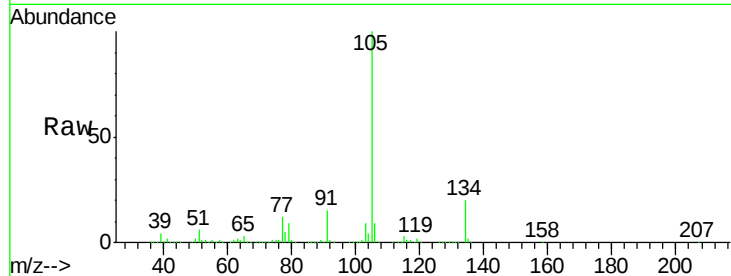
134 20.4 10.1 30.1

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#86

p-Isopropyltoluene

Concen: 49.104 ug/l

RT: 13.50 min Scan# 1902

Delta R.T. -0.00 min

Lab File: VW008166.D

Acq: 10 Jan 2019 23:49

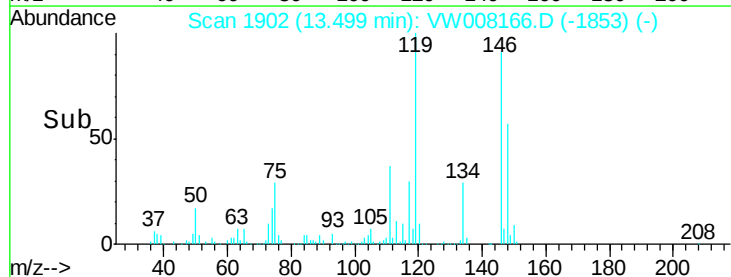
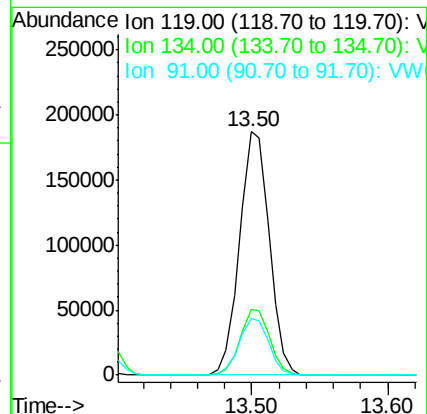
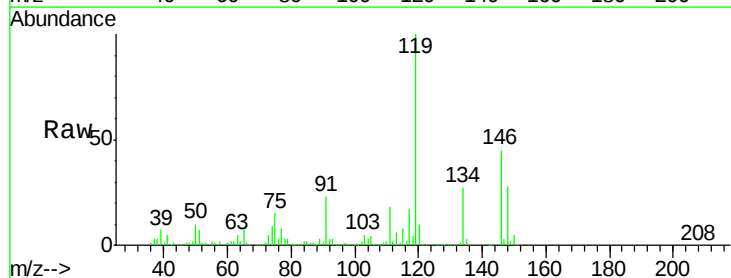
Tgt Ion:119 Resp: 284664

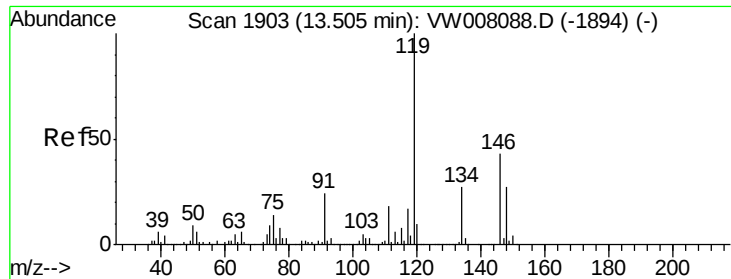
Ion Ratio Lower Upper

119 100

134 26.9 13.3 39.8

91 23.1 12.3 36.9





#87

1,3-Dichlorobenzene

Concen: 52.620 ug/l

RT: 13.50 min Scan# 1902

Delta R.T. -0.01 min

Lab File: VW008166.D

Acq: 10 Jan 2019 23:49

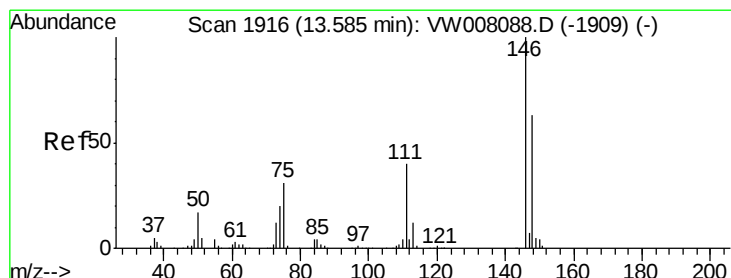
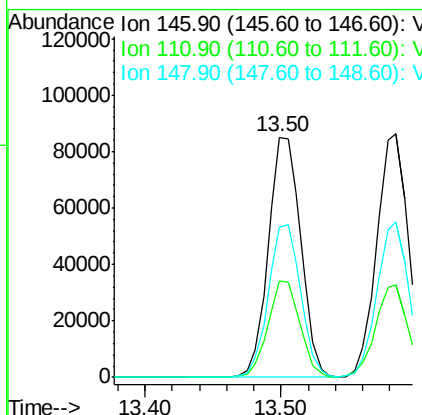
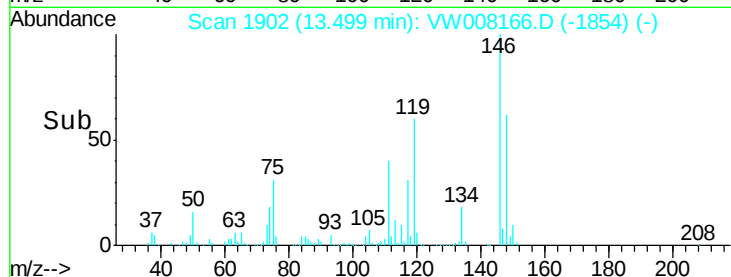
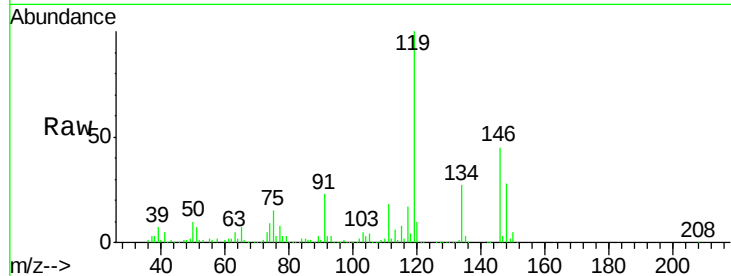
Instrument :
MSVOA_W

ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
146	100	142177		
111	39.6	21.1	63.1	
148	62.9	31.3	93.9	

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#88

1,4-Dichlorobenzene

Concen: 51.568 ug/l

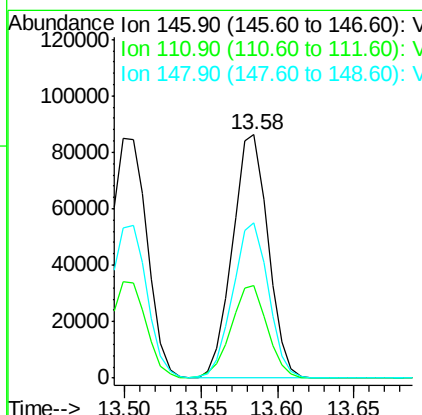
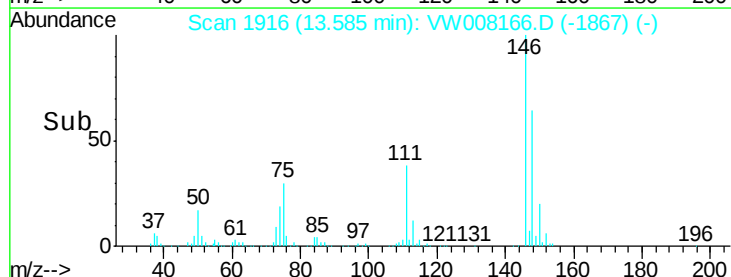
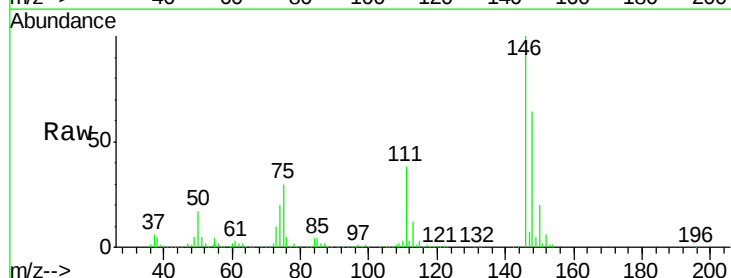
RT: 13.58 min Scan# 1916

Delta R.T. -0.00 min

Lab File: VW008166.D

Acq: 10 Jan 2019 23:49

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	139797		
111	38.6	20.5	61.5	
148	63.9	31.6	94.8	





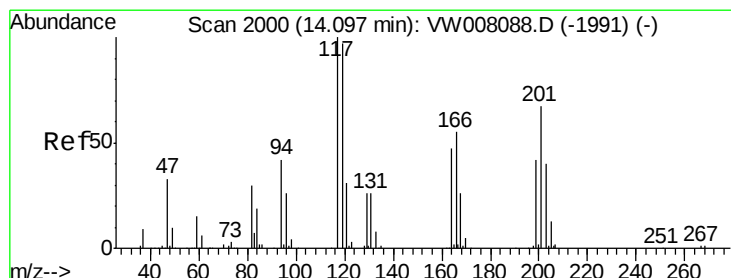
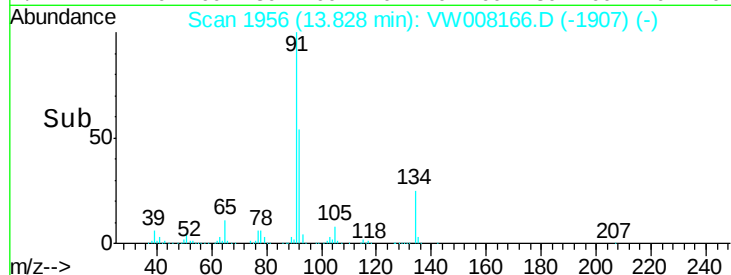
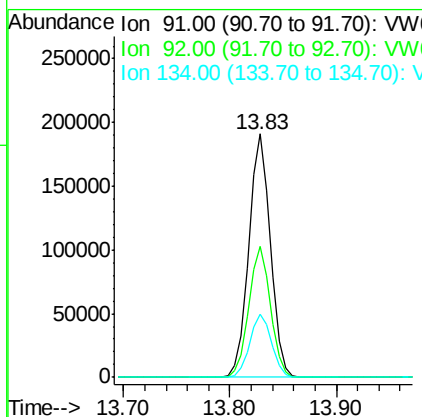
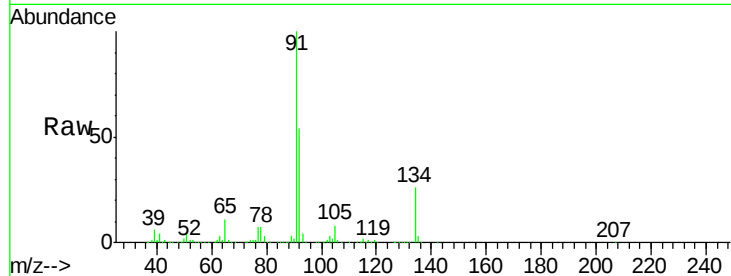
#89
n-Butylbenzene
Concen: 47.876 ug/l
RT: 13.83 min Scan# 1956
Delta R.T. -0.00 min
Lab File: VW008166.D
Acq: 10 Jan 2019 23:49

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
91	100		
92	54.0	27.4	82.2
134	26.3	12.6	37.8

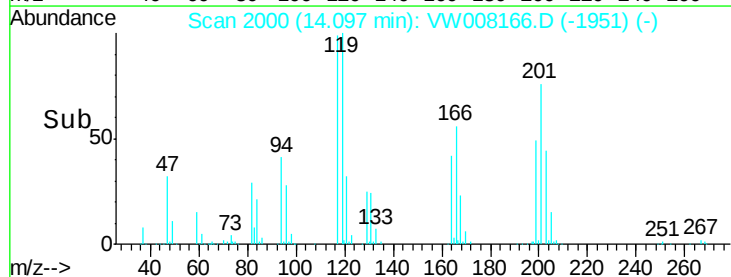
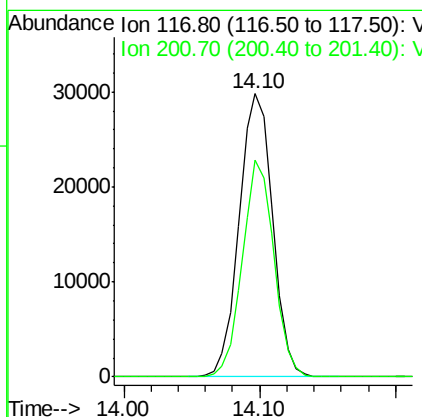
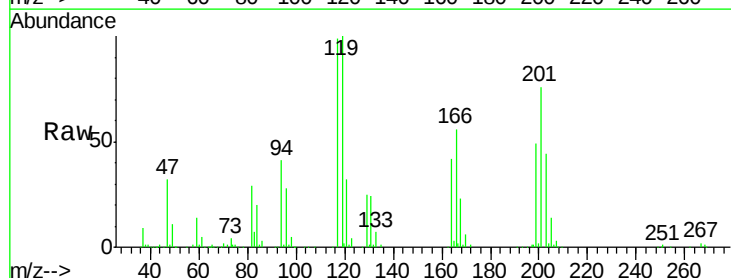
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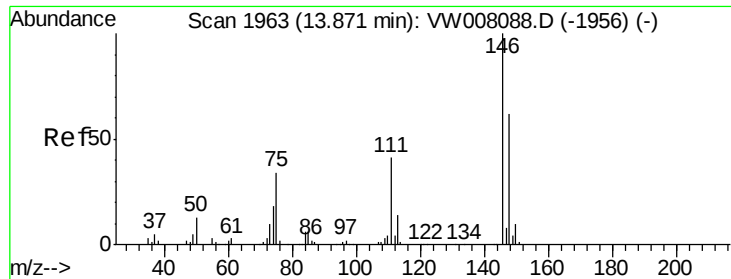
MMDadoda
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#90
Hexachloroethane
Concen: 52.240 ug/l
RT: 14.10 min Scan# 2000
Delta R.T. -0.00 min
Lab File: VW008166.D
Acq: 10 Jan 2019 23:49

Tgt Ion	Ratio	Lower	Upper
117	100		
201	72.2	33.0	98.9





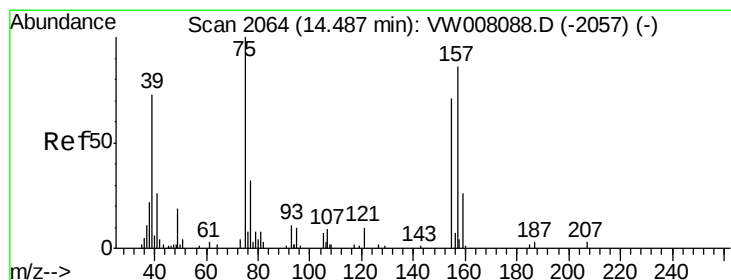
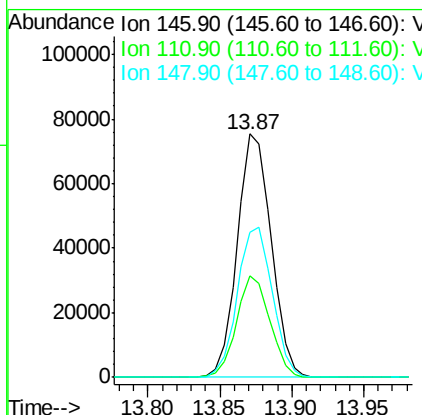
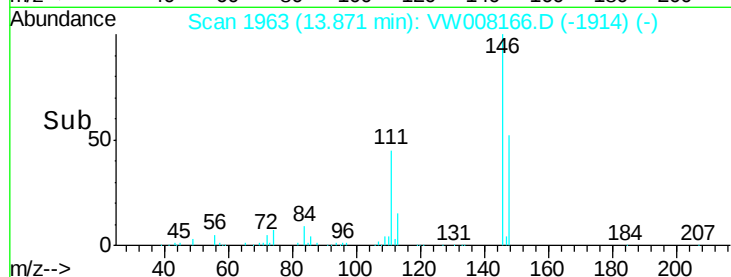
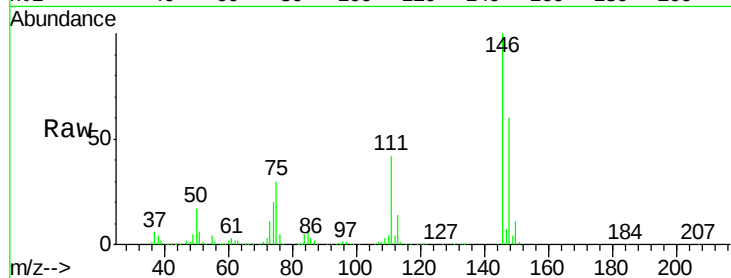
#91
 1,2-Dichlorobenzene
 Concen: 51.968 ug/l
 RT: 13.87 min Scan# 1963
 Delta R.T. -0.00 min
 Lab File: VW008166.D
 Acq: 10 Jan 2019 23:49

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
146	100		
111	41.3	21.3	63.7
148	63.5	31.5	94.5

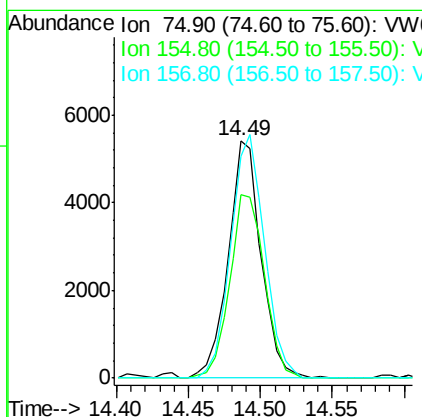
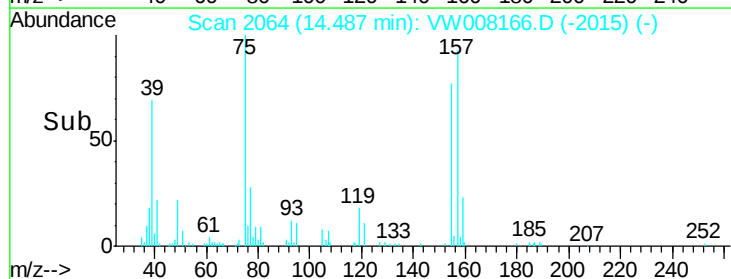
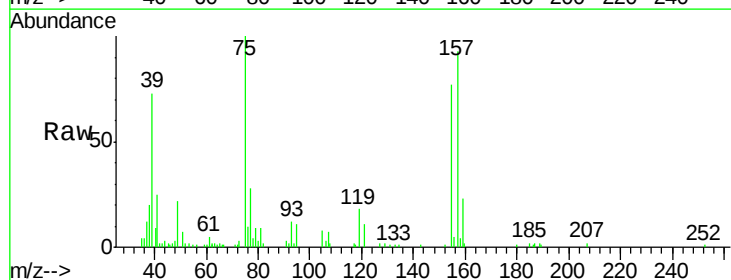
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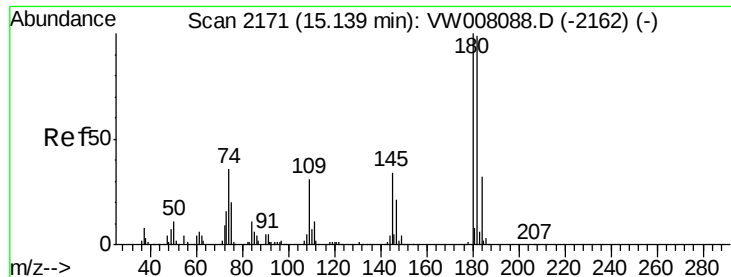
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 53.417 ug/l
 RT: 14.49 min Scan# 2064
 Delta R.T. -0.00 min
 Lab File: VW008166.D
 Acq: 10 Jan 2019 23:49

Tgt Ion	Ratio	Lower	Upper
75	100		
155	81.3	38.6	115.7
157	104.4	47.5	142.6





#93

1,2,4-Trichlorobenzene

Concen: 52.045 ug/l

RT: 15.14 min Scan# 2171

Delta R.T. -0.00 min

Lab File: VW008166.D

Acq: 10 Jan 2019 23:49

Instrument :

MSVOA_W

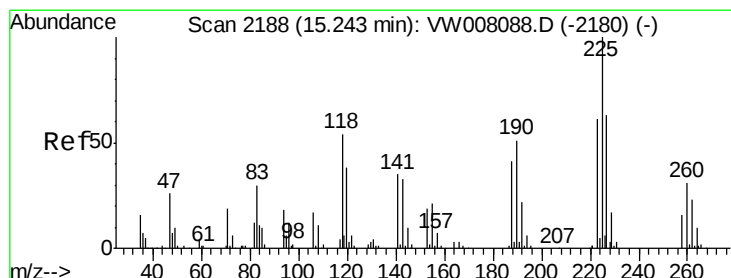
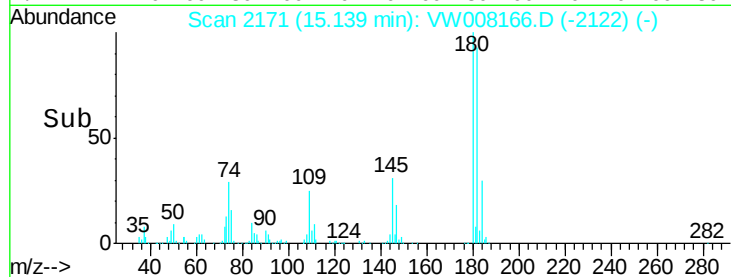
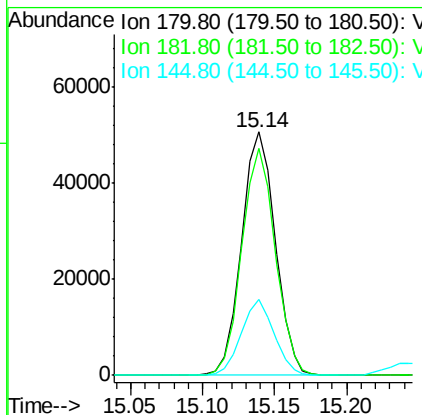
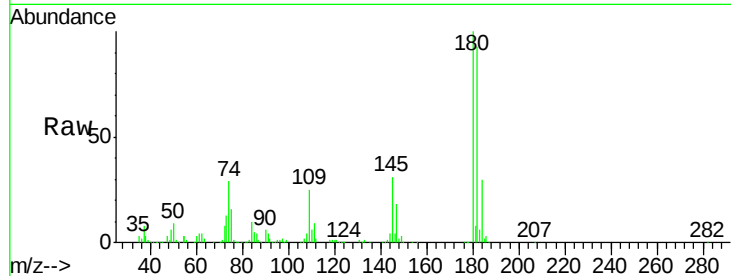
ClientSampleId :

VSTDCCC050

Tot Ion:	180	Resp:	82053
Ion Ratio	Lower	Upper	
180	100		
182	92.8	48.6	145.9
145	30.4	16.6	49.7

Manual Integrations
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#94

Hexachlorobutadiene

Concen: 51.576 ug/l

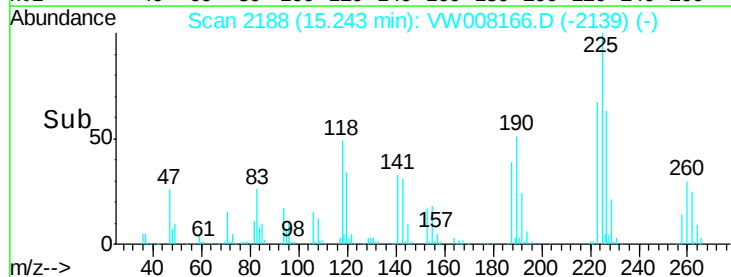
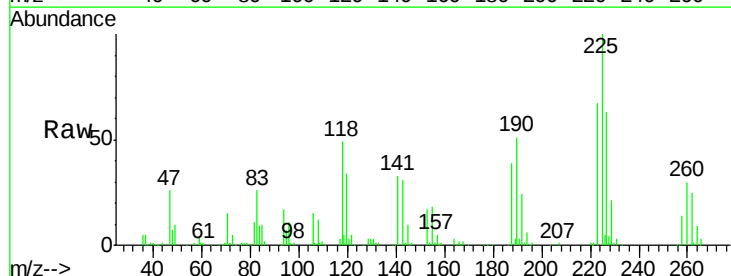
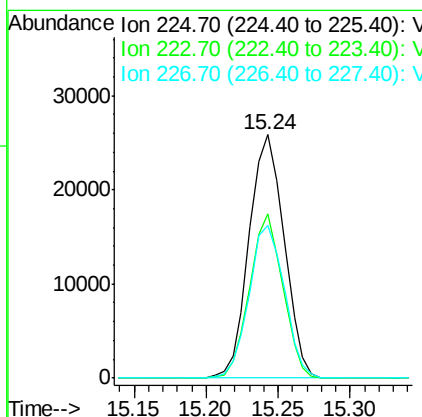
RT: 15.24 min Scan# 2188

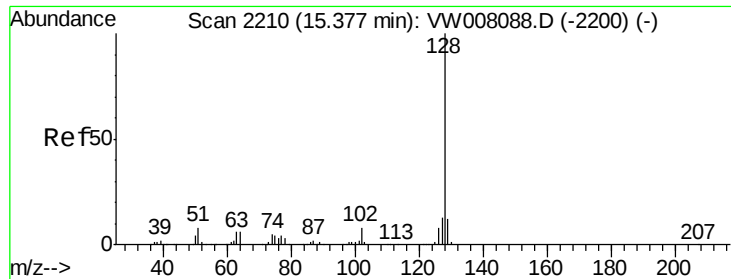
Delta R.T. -0.00 min

Lab File: VW008166.D

Acq: 10 Jan 2019 23:49

Tgt Ion:	225	Resp:	43522
Ion Ratio	Lower	Upper	
225	100		
223	63.8	31.4	94.3
227	63.4	32.0	96.2





#95

Naphthalene

Concen: 53.527 ug/l

RT: 15.38 min Scan# 2210

Delta R.T. -0.00 min

Lab File: VW008166.D

Acq: 10 Jan 2019 23:49

Instrument :

MSVOA_W

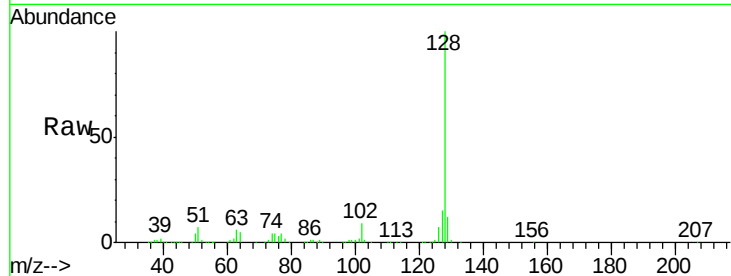
ClientSampleId :

VSTDCCC050

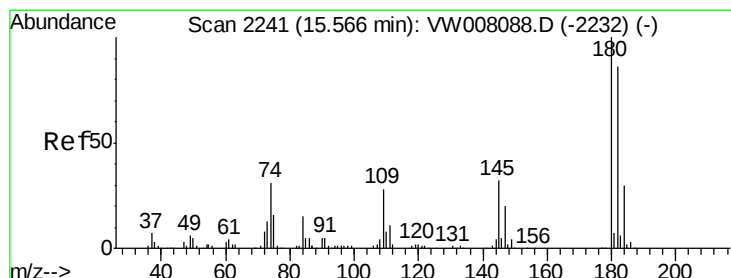
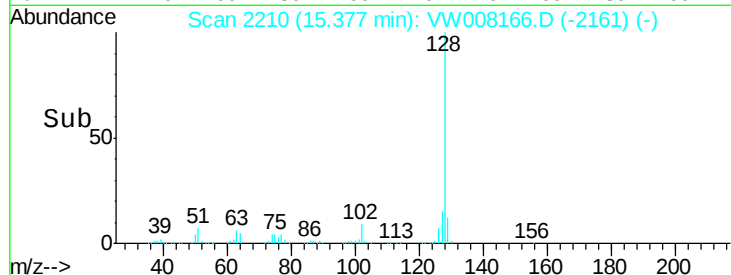
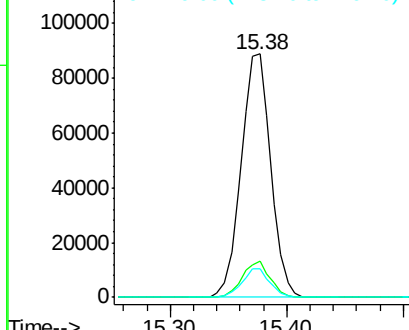
Tot Ion:	128	Resp:	157572
Ion Ratio	Lower	Upper	
128	100		
127	14.0	11.0	16.4
129	11.2	9.0	13.6

Manual Integrations
APPROVED

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1/11/2019 2:27:58 PM



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



#96

1,2,3-Trichlorobenzene

Concen: 52.510 ug/l

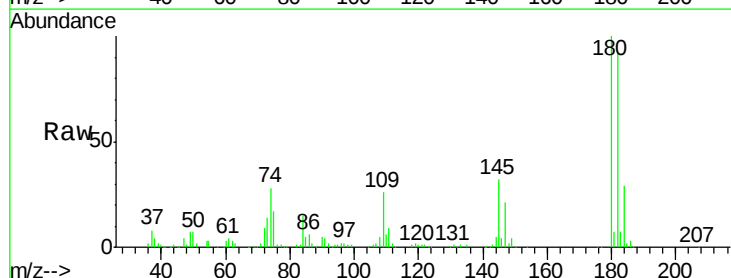
RT: 15.56 min Scan# 2240

Delta R.T. -0.01 min

Lab File: VW008166.D

Acq: 10 Jan 2019 23:49

Tgt Ion:	180	Resp:	70572
Ion Ratio	Lower	Upper	
180	100		
182	97.5	46.5	139.3
145	32.7	17.4	52.2



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

